

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
 Data File : BF112086.D
 Acq On : 17 Jan 2019 13:49
 Operator : JU/SJ
 Sample : K1167-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JDHS-SOUTH-1MS

Quant Time: Jan 18 00:06:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 16 18:22:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	309740	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	1134328	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	510255	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	824269	20.00	ng	0.00
76) Chrysene-d12	14.03	240	651330	20.00	ng	0.00
87) Perylene-d12	15.50	264	561908	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	2031176	119.02	ng	0.01
7) Phenol-d6	6.52	99	2556001	119.71	ng	0.00
23) Nitrobenzene-d5	7.43	82	1580334	96.25	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	656372	119.24	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2762361	79.37	ng	0.00
79) Terphenyl-d14	12.97	244	2330198	76.11	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.68	88	277144	34.627	ng	99
3) Pyridine	3.44	79	727832	36.309	ng	98
4) n-Nitrosodimethylamine	3.39	42	370527	45.525	ng	99
6) Aniline	6.53	93	755069	29.076	ng	# 21
8) 2-Chlorophenol	6.66	128	818475	41.296	ng	97
9) Benzaldehyde	6.41	77	226126	15.590	ng	98
10) Phenol	6.53	94	983748	42.158	ng	89
11) bis(2-Chloroethyl)ether	6.60	93	751966	40.529	ng	98
12) 1,3-Dichlorobenzene	6.80	146	888655	39.289	ng	99
13) 1,4-Dichlorobenzene	6.88	146	899101	38.861	ng	99
14) 1,2-Dichlorobenzene	7.03	146	839918	39.412	ng	97
15) Benzyl Alcohol	7.00	79	667476	41.960	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1055469	39.448	ng	96
17) 2-Methylphenol	7.13	107	636620	42.771	ng	97
18) Hexachloroethane	7.37	117	288688	37.385	ng	98
19) n-Nitroso-di-n-propylamine	7.27	70	537560	41.328	ng	98
20) 3+4-Methylphenols	7.28	107	774722	42.928	ng	# 67
22) Acetophenone	7.27	105	1034919	39.381	ng	98
24) Nitrobenzene	7.45	77	799031	45.920	ng	99
25) Isophorone	7.69	82	1460285	46.048	ng	98
26) 2-Nitrophenol	7.76	139	397346	44.878	ng	99
27) 2,4-Dimethylphenol	7.80	122	691934	47.005	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	938726	43.153	ng	100
29) 2,4-Dichlorophenol	8.01	162	687525	42.755	ng	99
30) 1,2,4-Trichlorobenzene	8.09	180	756428	40.534	ng	99
31) Naphthalene	8.17	128	2221826	43.065	ng	99
32) Benzoic acid	7.92	122	152054	28.614	ng	99
33) 4-Chloroaniline	8.22	127	499237	21.531	ng	99
34) Hexachlorobutadiene	8.29	225	400695	38.583	ng	98
35) Caprolactam	8.58	113	198756	35.315	ng	97
36) 4-Chloro-3-methylphenol	8.71	107	653497	41.608	ng	97
37) 2-Methylnaphthalene	8.86	142	1533886	43.783	ng	99
38) 1-Methylnaphthalene	8.96	142	1444757	42.910	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	712886	43.509	ng	100

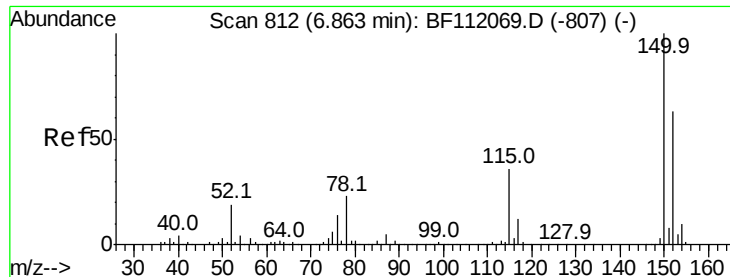
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
 Data File : BF112086.D
 Acq On : 17 Jan 2019 13:49
 Operator : JU/SJ
 Sample : K1167-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JDHS-SOUTH-1MS

Quant Time: Jan 18 00:06:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 16 18:22:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	169735	31.239	ng	99
43) 2,4,6-Trichlorophenol	9.15	196	464848	47.424	ng	99
44) 2,4,5-Trichlorophenol	9.19	196	485178	46.475	ng	97
46) 1,1'-Biphenyl	9.32	154	1811550	42.459	ng	99
47) 2-Chloronaphthalene	9.35	162	1388238	41.567	ng	99
48) 2-Nitroaniline	9.45	65	383534	50.984	ng	98
49) Acenaphthylene	9.76	152	2127512	43.653	ng	100
50) Dimethylphthalate	9.62	163	1886844	50.705	ng	100
51) 2,6-Dinitrotoluene	9.69	165	355703	47.865	ng	99
52) Acenaphthene	9.94	154	1236343	41.462	ng	99
53) 3-Nitroaniline	9.85	138	273677	32.933	ng	93
54) 2,4-Dinitrophenol	9.96	184	53082	35.649	ng	99
55) Dibenzofuran	10.11	168	1860692	41.262	ng	99
56) 4-Nitrophenol	10.03	139	455663	76.950	ng	99
57) 2,4-Dinitrotoluene	10.09	165	428651	45.227	ng	99
58) Fluorene	10.45	166	1409974	41.848	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	363974	46.203	ng	99
60) Diethylphthalate	10.32	149	1570458	43.235	ng	97
61) 4-Chlorophenyl-phenylether	10.44	204	728505	40.070	ng	99
62) 4-Nitroaniline	10.47	138	317839	38.517	ng	94
63) Azobenzene	10.60	77	1352961	38.895	ng	99
65) 4,6-Dinitro-2-methylphenol	10.50	198	60464	23.968	ng	97
66) n-Nitrosodiphenylamine	10.56	169	1285244	47.166	ng	99
67) 4-Bromophenyl-phenylether	10.93	248	430963	45.013	ng	97
68) Hexachlorobenzene	11.00	284	433335	42.016	ng	100
69) Atrazine	11.09	200	398291	45.295	ng	99
70) Pentachlorophenol	11.20	266	363168	73.754	ng	99
71) Phenanthrene	11.42	178	1816124	43.781	ng	100
72) Anthracene	11.46	178	1871655	44.541	ng	99
73) Carbazole	11.62	167	1654786	39.311	ng	99
74) Di-n-butylphthalate	11.94	149	2127763	44.936	ng	99
75) Fluoranthene	12.60	202	1778213	40.600	ng	99
77) Benzidine	12.72	184	700550	32.236	ng	95
78) Pyrene	12.83	202	1785297	41.545	ng	100
80) Butylbenzylphthalate	13.44	149	838603	44.484	ng	91
81) Benzo(a)anthracene	14.02	228	1641845	43.964	ng	100
82) 3,3'-Dichlorobenzidine	13.98	252	605895	43.322	ng	99
83) Chrysene	14.06	228	1523913	43.125	ng	100
84) Bis(2-ethylhexyl)phthalate	14.00	149	1207272	44.684	ng	98
85) Di-n-octyl phthalate	14.61	149	1979325	47.547	ng	100
86) Indeno(1,2,3-cd)pyrene	16.99	276	1270278	38.964	ng	99
88) Benzo(b)fluoranthene	15.07	252	1425197	44.682	ng	99
89) Benzo(k)fluoranthene	15.10	252	1440670	46.667	ng	100
90) Benzo(a)pyrene	15.44	252	1324624	45.285	ng	100
91) Dibenzo(a,h)anthracene	17.00	278	1074991	41.378	ng	100
92) Benzo(g,h,i)perylene	17.44	276	1008072	39.386	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

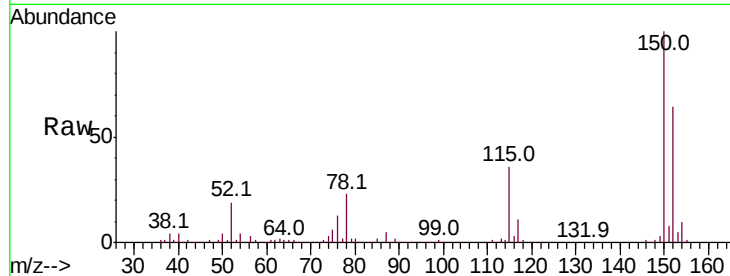


#1

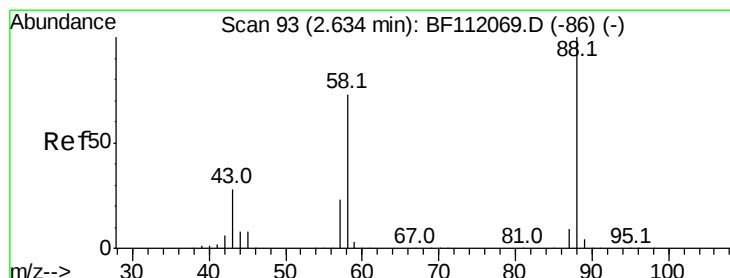
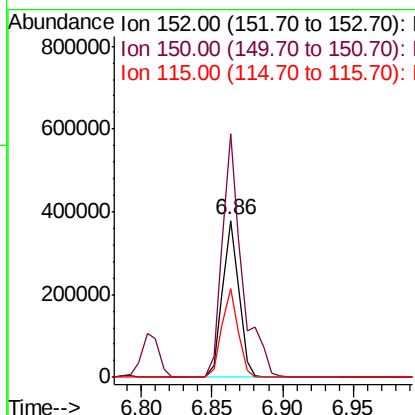
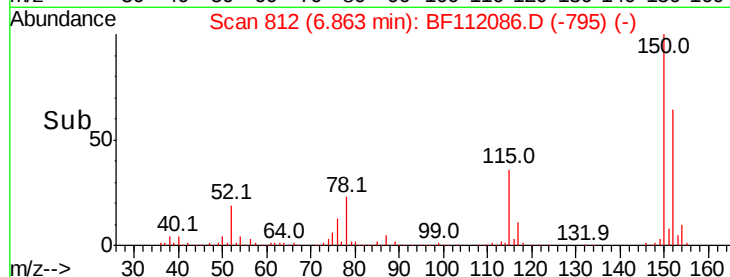
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF112086.D
Acq: 17 Jan 2019 13:49

Instrument :
BNA_F
ClientSampleId :
JDHS-SOUTH-1MS

Tot Ion:152 Resp: 309740
Ion Ratio Lower Upper
152 100
150 155.3 127.4 191.0
115 56.6 45.5 68.3



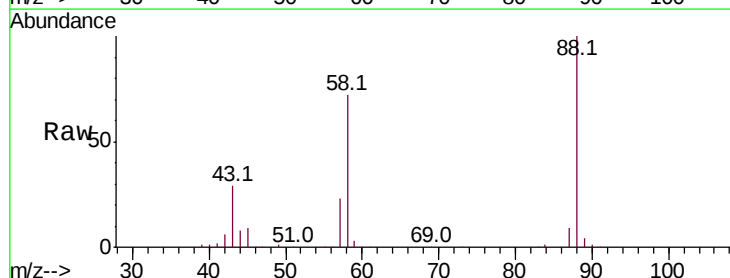
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



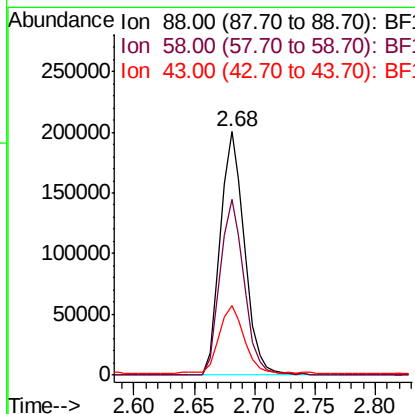
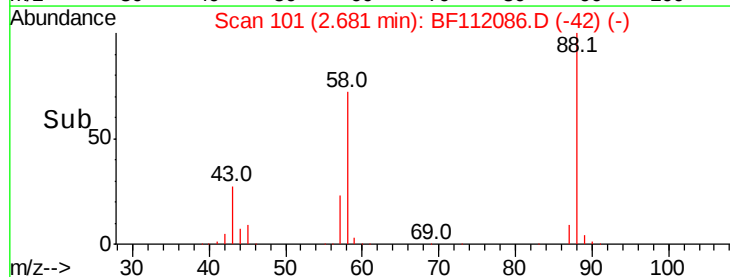
#2

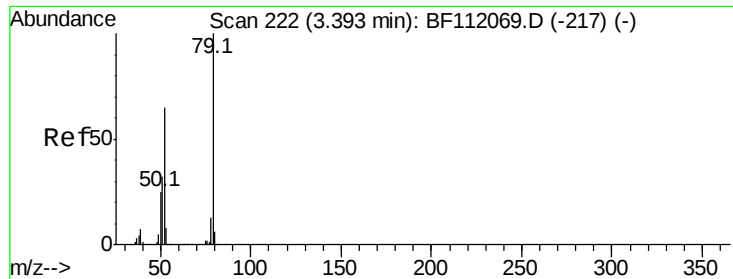
1,4-Dioxane
Concen: 34.627 ng
RT: 2.68 min Scan# 101
Delta R.T. 0.05 min
Lab File: BF112086.D
Acq: 17 Jan 2019 13:49

Tgt Ion: 88 Resp: 277144
Ion Ratio Lower Upper
88 100
58 71.5 57.4 86.2
43 28.8 22.2 33.4



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 36.309 ng

RT: 3.44 min Scan# 230

Delta R.T. 0.05 min

Lab File: BF112086.D

Acq: 17 Jan 2019 13:49

Instrument :

BNA_F

ClientSampleId :

JDHS-SOUTH-1MS

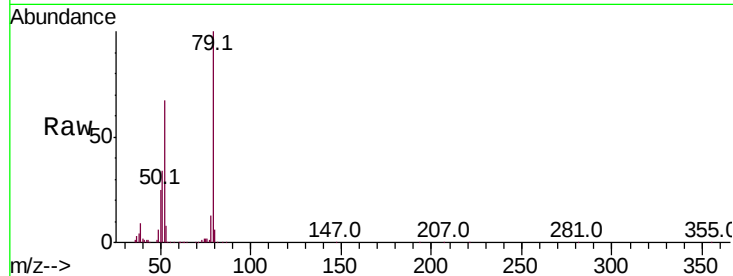
Tot Ion: 79 Resp: 727832

Ion Ratio Lower Upper

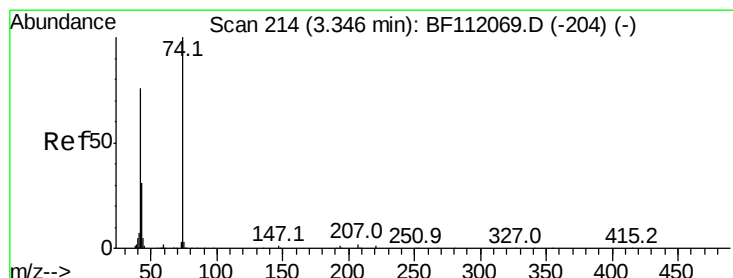
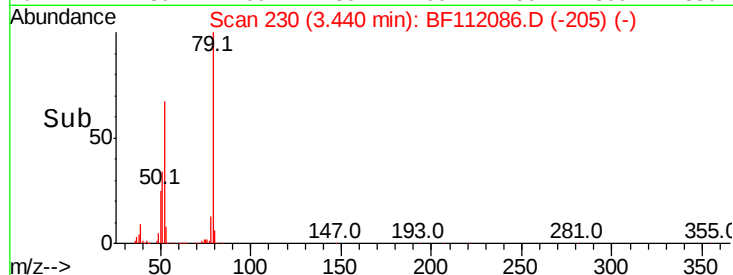
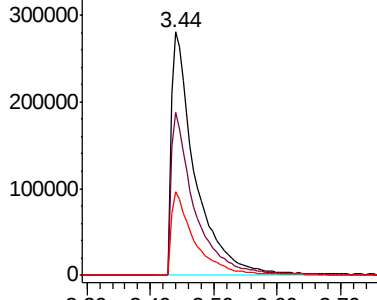
79 100

52 66.8 52.4 78.6

51 34.2 26.1 39.1



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 45.525 ng

RT: 3.39 min Scan# 221

Delta R.T. 0.04 min

Lab File: BF112086.D

Acq: 17 Jan 2019 13:49

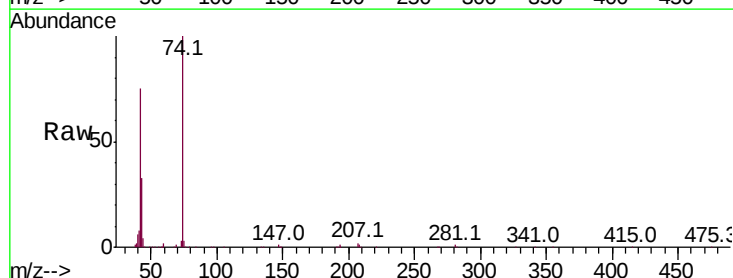
Tgt Ion: 42 Resp: 370527

Ion Ratio Lower Upper

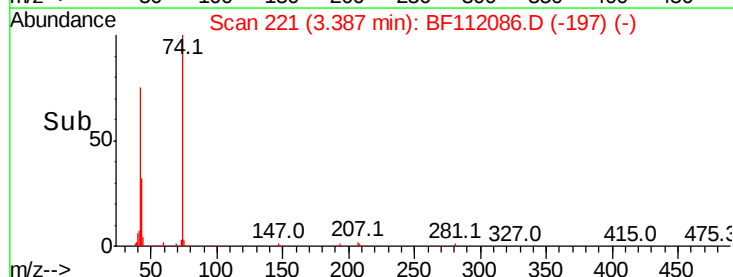
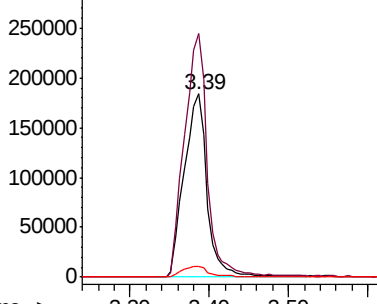
42 100

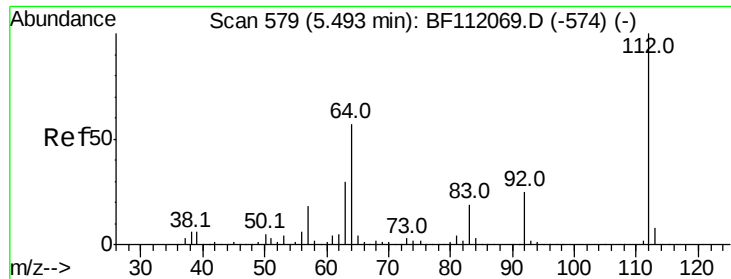
74 133.0 105.6 158.4

44 5.8 5.4 8.2



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 119.024 ng

RT: 5.50 min Scan# 581

Delta R.T. 0.01 min

Lab File: BF112086.D

Acq: 17 Jan 2019 13:49

Instrument :

BNA_F

ClientSampleId :

JDHS-SOUTH-1MS

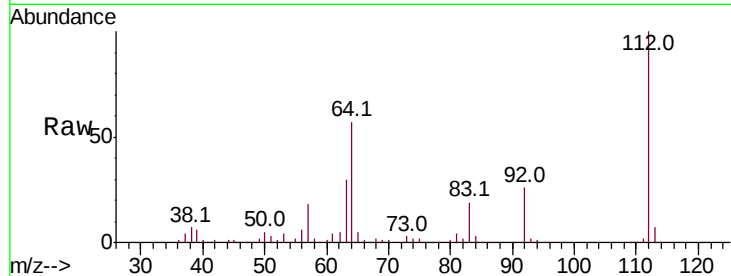
Tot Ion:112 Resp: 2031176

Ion Ratio Lower Upper

112 100

64 57.5 45.7 68.5

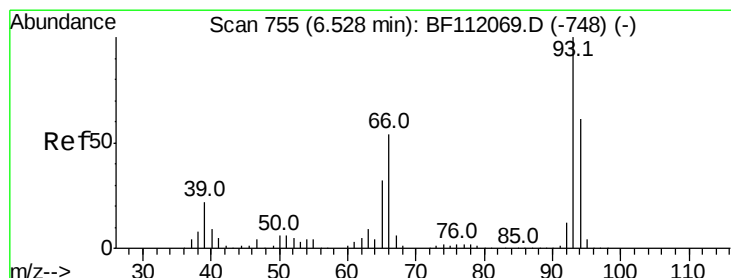
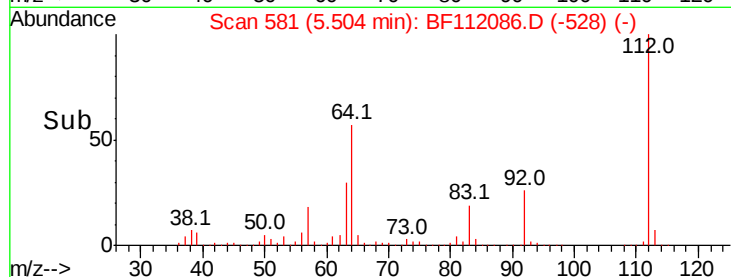
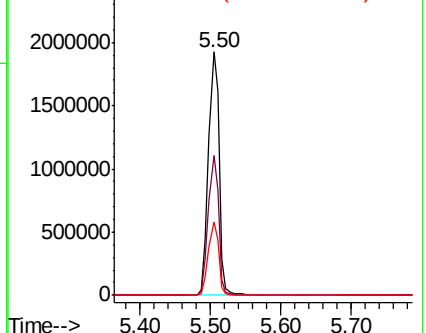
63 30.4 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 29.076 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.00 min

Lab File: BF112086.D

Acq: 17 Jan 2019 13:49

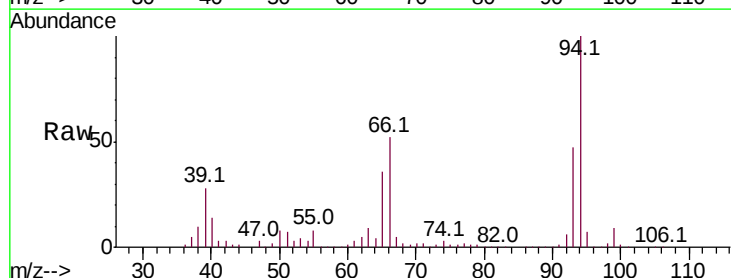
Tgt Ion: 93 Resp: 755069

Ion Ratio Lower Upper

93 100

66 110.6 43.4 65.2#

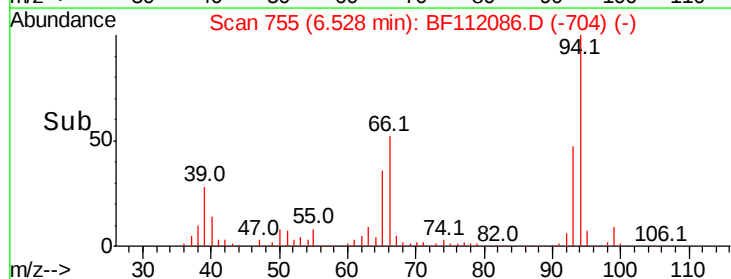
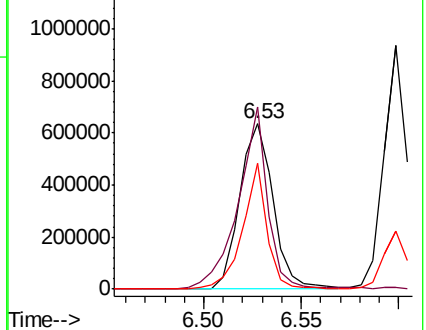
65 76.1 25.3 37.9#

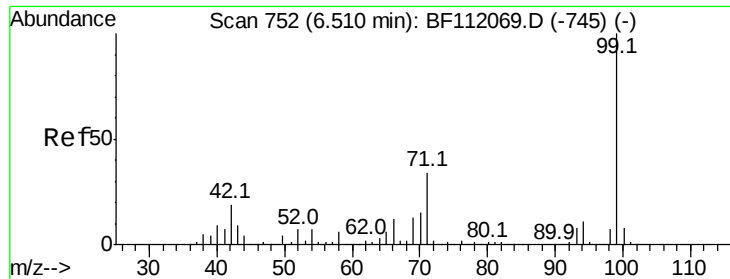


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 119.712 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF112086.D

Acq: 17 Jan 2019 13:49

Instrument :

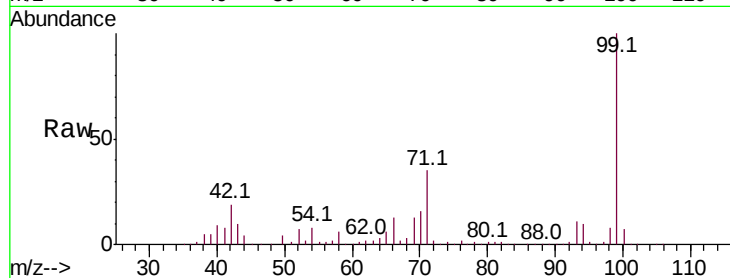
BNA_F

ClientSampleId :

JDHS-SOUTH-1MS

Tot Ion: 99 Resp: 2556001

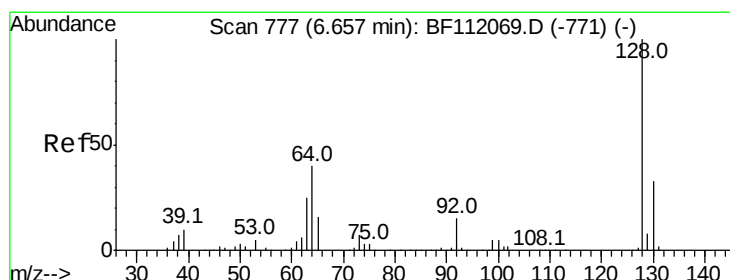
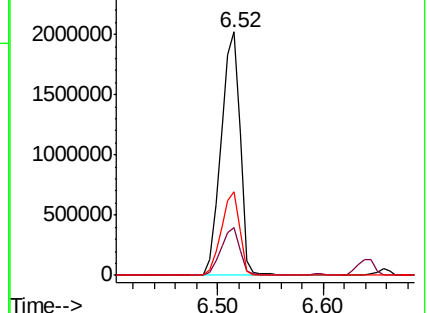
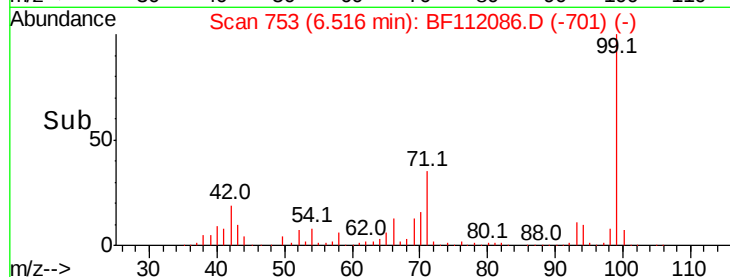
Ion	Ratio	Lower	Upper
99	100		
42	19.4	15.1	22.7
71	34.6	26.9	40.3



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.296 ng

RT: 6.66 min Scan# 777

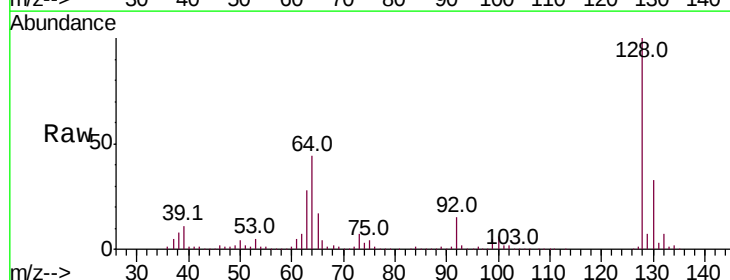
Delta R.T. -0.00 min

Lab File: BF112086.D

Acq: 17 Jan 2019 13:49

Tgt Ion:128 Resp: 818475

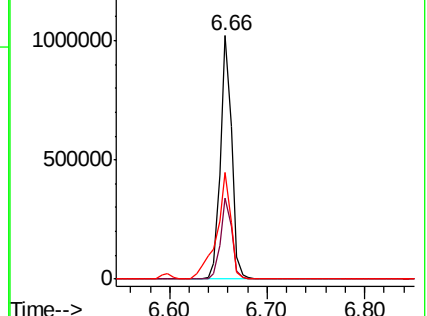
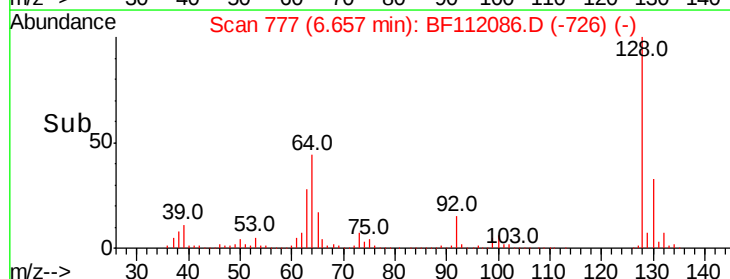
Ion	Ratio	Lower	Upper
128	100		
130	33.4	13.4	53.4
64	43.9	20.5	60.5

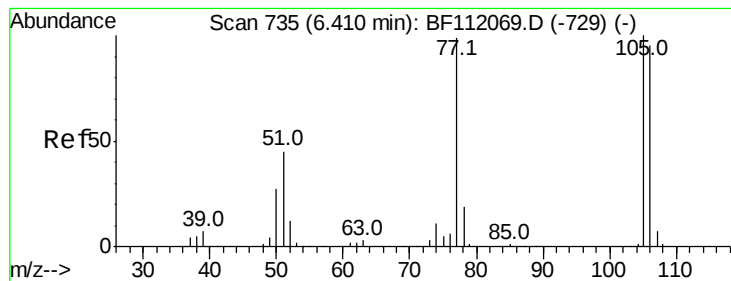


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 15.590 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.00 min

Lab File: BF112086.D

Acq: 17 Jan 2019 13:49

Instrument :

BNA_F

ClientSampleId :

JDHS-SOUTH-1MS

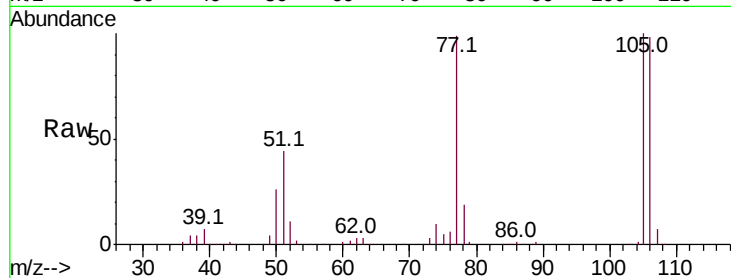
Tot Ion: 77 Resp: 226126

Ion Ratio Lower Upper

77 100

105 100.7 80.8 120.8

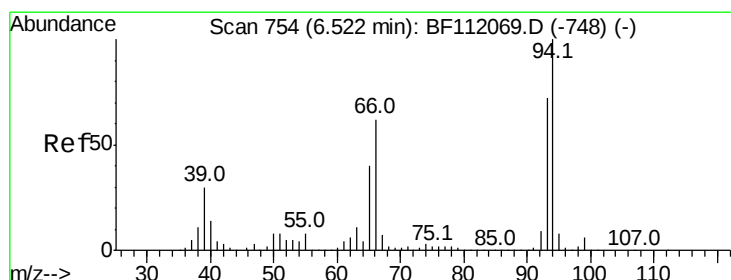
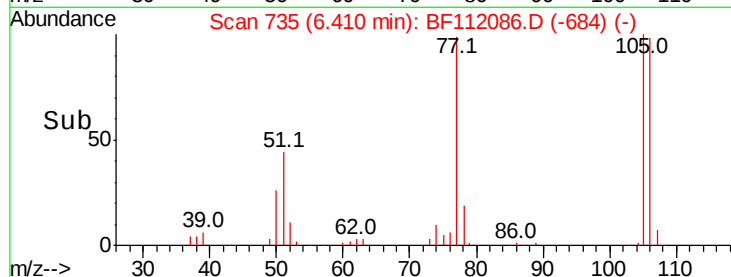
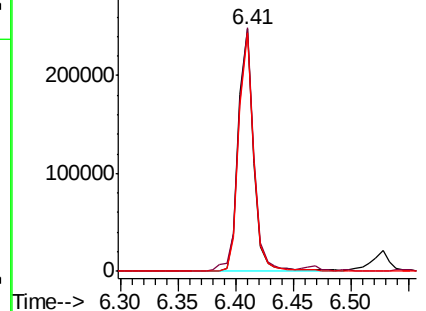
106 98.7 75.7 115.7



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 42.158 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF112086.D

Acq: 17 Jan 2019 13:49

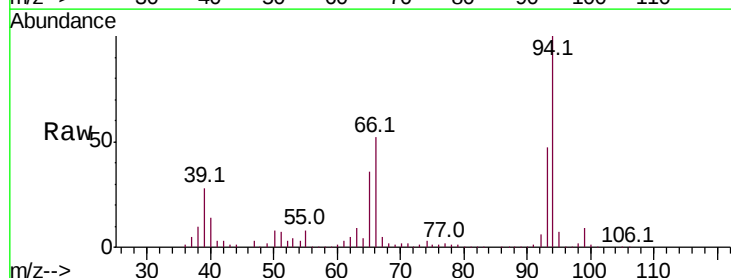
Tgt Ion: 94 Resp: 983748

Ion Ratio Lower Upper

94 100

65 36.0 20.3 60.3

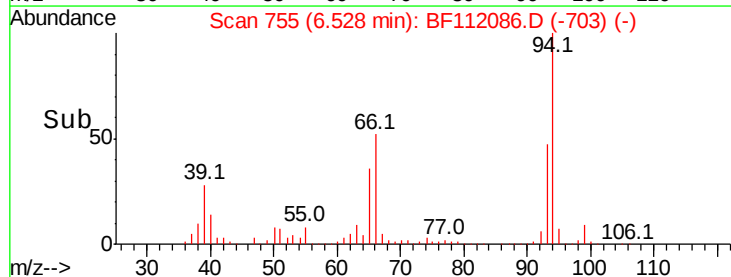
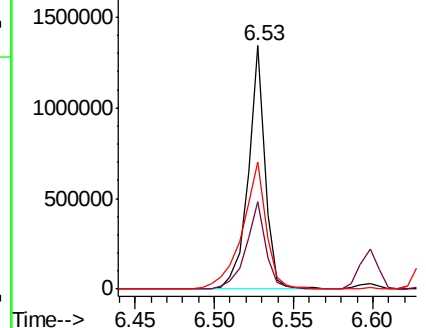
66 52.2 42.4 82.4

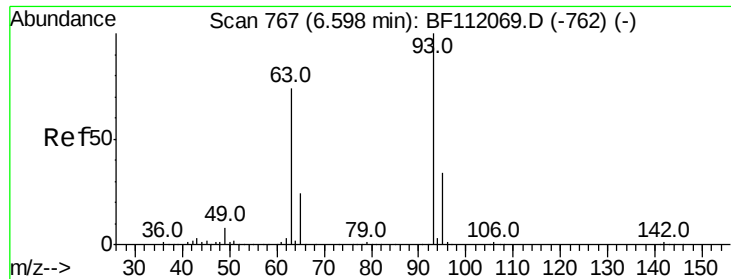


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

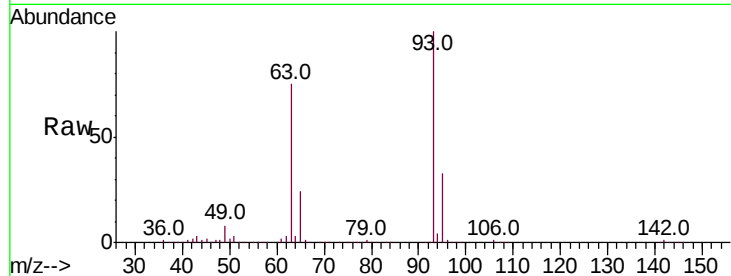




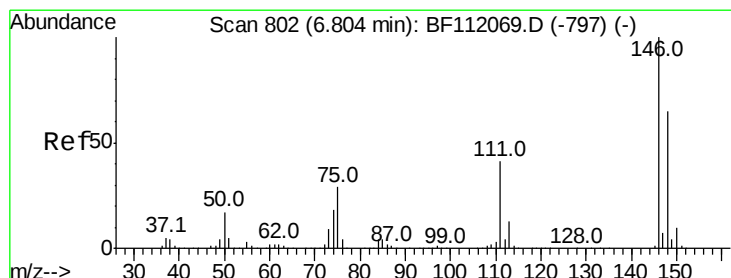
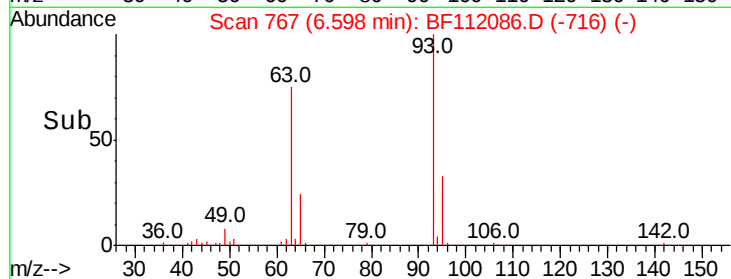
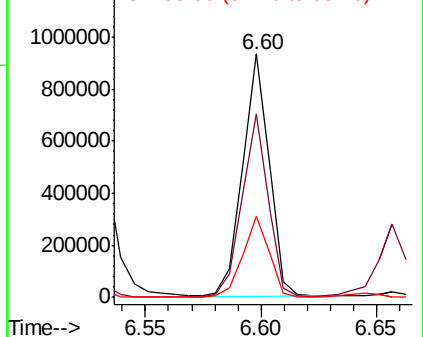
#11
bis(2-Chloroethyl)ether
Concen: 40.529 ng
RT: 6.60 min Scan# 767
Delta R.T. -0.00 min
Lab File: BF112086.D
Acq: 17 Jan 2019 13:49

Instrument :
BNA_F
ClientSampleId :
JDHS-SOUTH-1MS

Tot Ion: 93 Resp: 751966
Ion Ratio Lower Upper
93 100
63 75.2 53.3 93.3
95 33.1 13.4 53.4

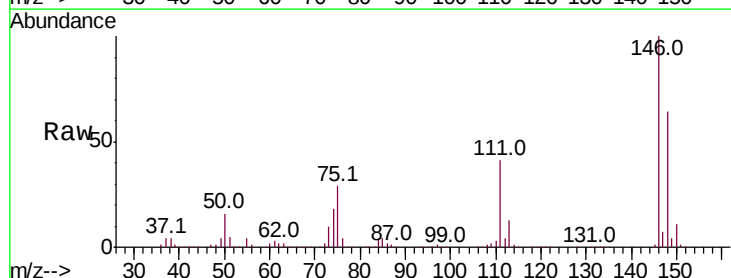


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

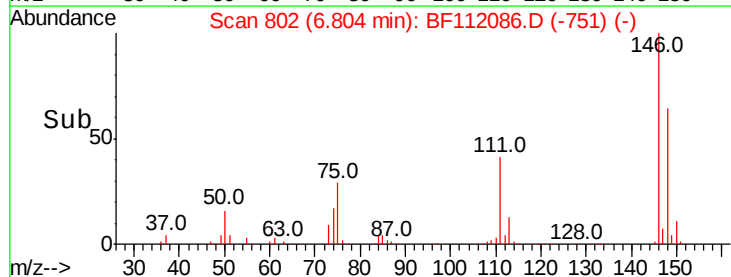
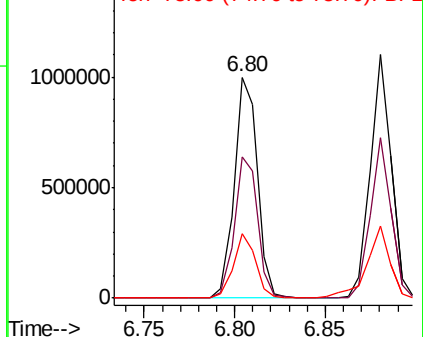


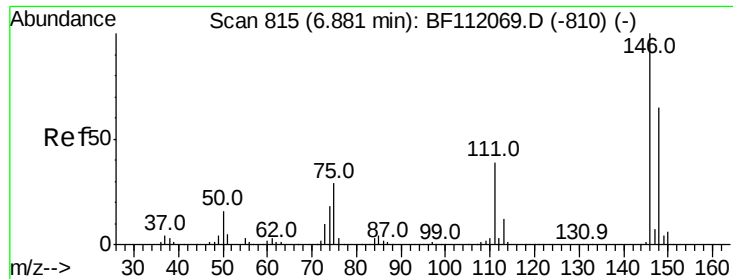
#12
1,3-Dichlorobenzene
Concen: 39.289 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF112086.D
Acq: 17 Jan 2019 13:49

Tgt Ion: 146 Resp: 888655
Ion Ratio Lower Upper
146 100
148 63.7 51.8 77.8
75 29.2 23.1 34.7



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

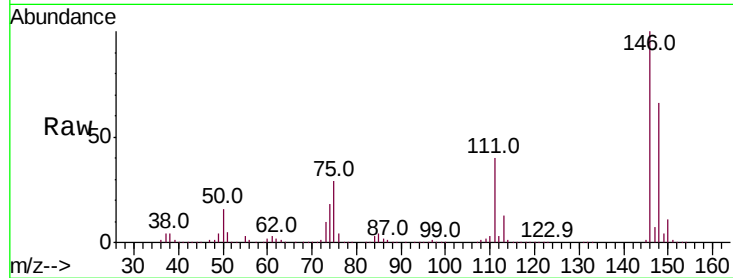




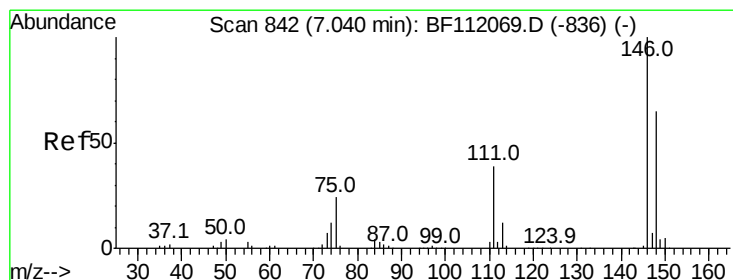
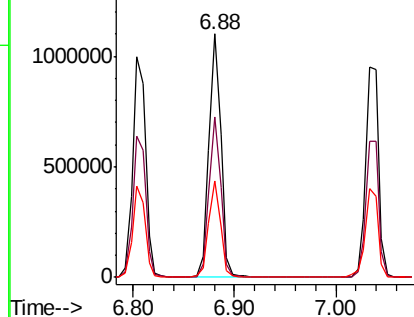
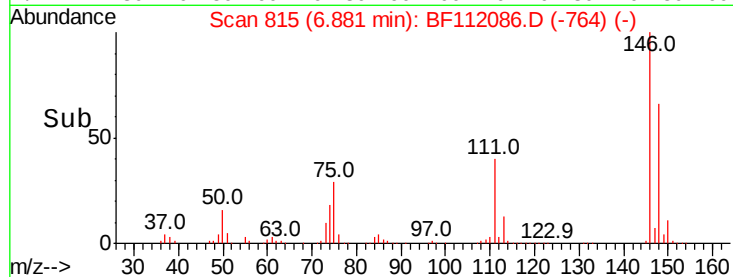
#13
 1,4-Dichlorobenzene
 Concen: 38.861 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.00 min
 Lab File: BF112086.D
 Acq: 17 Jan 2019 13:49

Instrument :
 BNA_F
 ClientSampleId :
 JDHS-SOUTH-1MS

Tot Ion:146 Resp: 899101
 Ion Ratio Lower Upper
 146 100
 148 65.9 52.0 78.0
 111 39.7 31.2 46.8

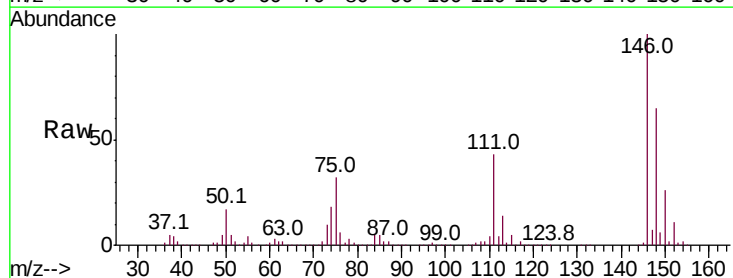


Abundance Ion 146.00 (145.70 to 146.70): E
 1500000 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

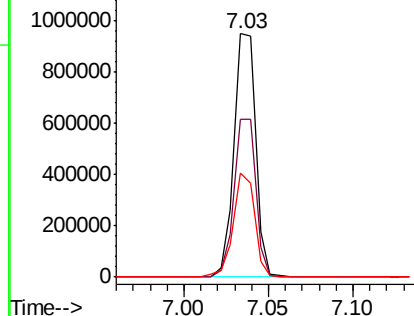
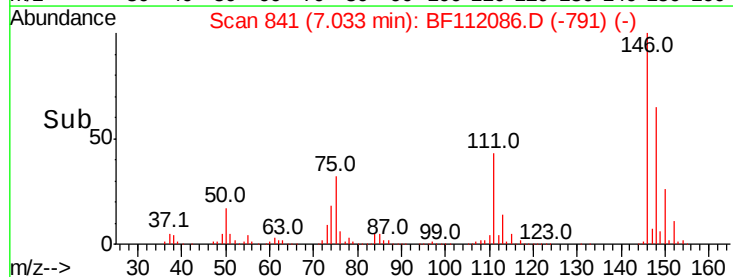


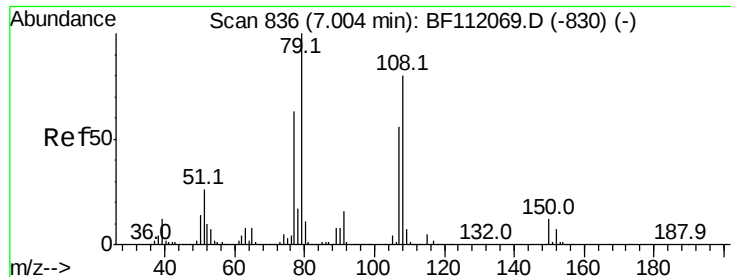
#14
 1,2-Dichlorobenzene
 Concen: 39.412 ng
 RT: 7.03 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BF112086.D
 Acq: 17 Jan 2019 13:49

Tgt Ion:146 Resp: 839918
 Ion Ratio Lower Upper
 146 100
 148 64.6 52.2 78.4
 111 42.5 31.2 46.8



Abundance Ion 146.00 (145.70 to 146.70): E
 1200000 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.960 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.00 min

Lab File: BF112086.D

Acq: 17 Jan 2019 13:49

Instrument :

BNA_F

ClientSampleId :

JDHS-SOUTH-1MS

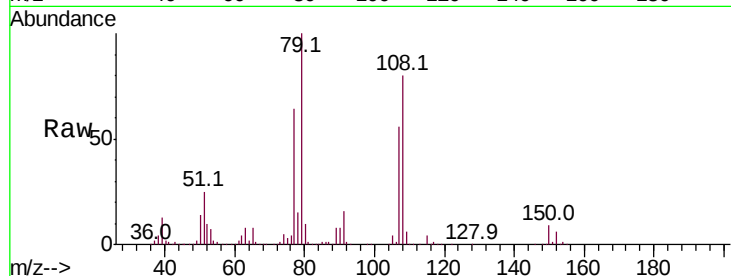
Tot Ion: 79 Resp: 667476

Ion Ratio Lower Upper

79 100

108 79.7 64.2 96.2

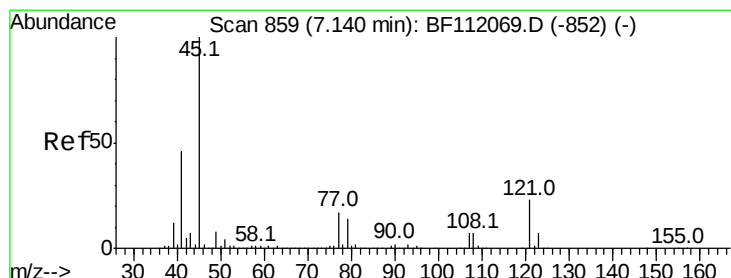
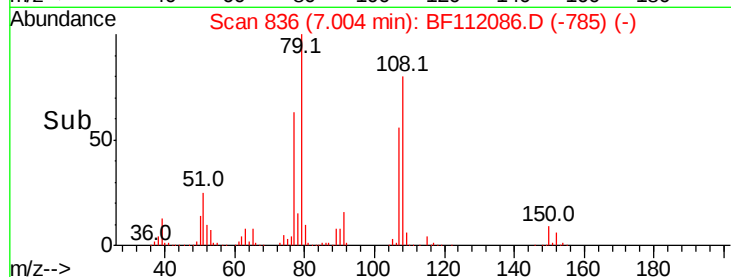
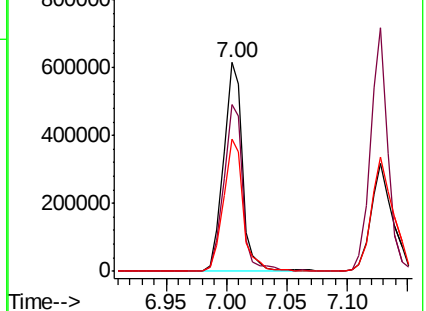
77 63.6 50.3 75.5



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.448 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.00 min

Lab File: BF112086.D

Acq: 17 Jan 2019 13:49

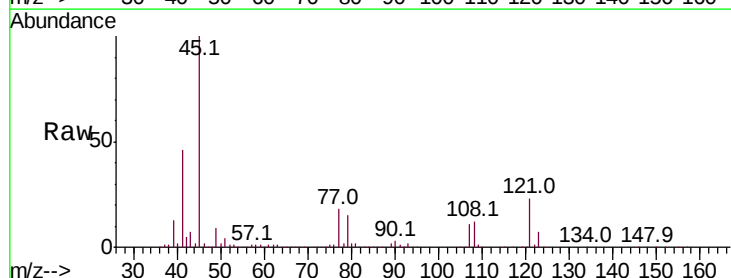
Tgt Ion: 45 Resp: 1055469

Ion Ratio Lower Upper

45 100

77 18.4 0.0 36.9

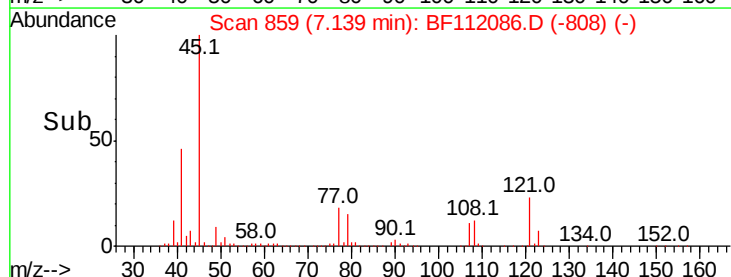
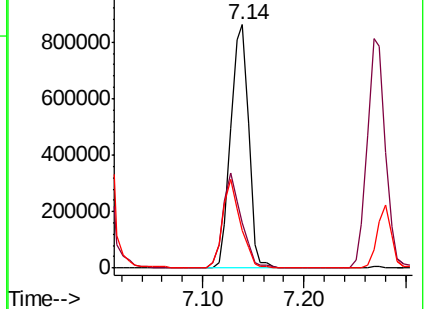
79 15.4 0.0 34.0

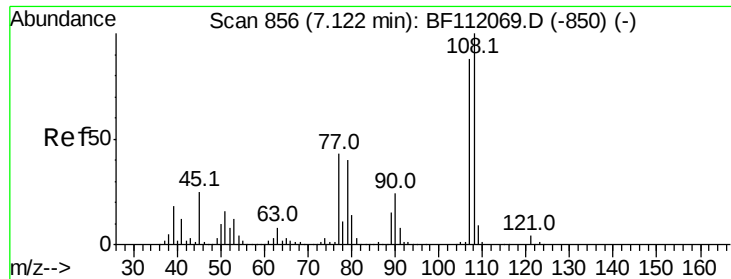


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

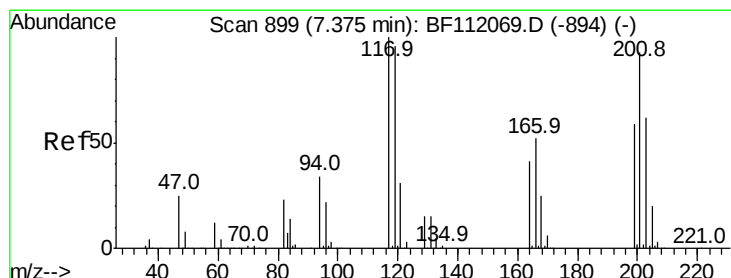
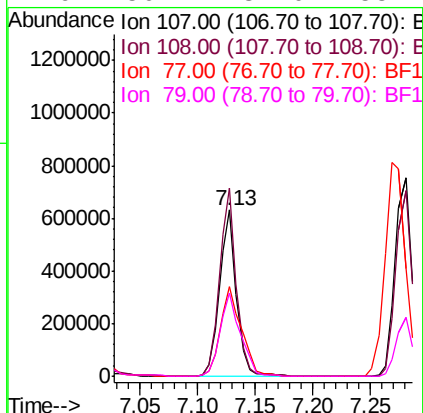
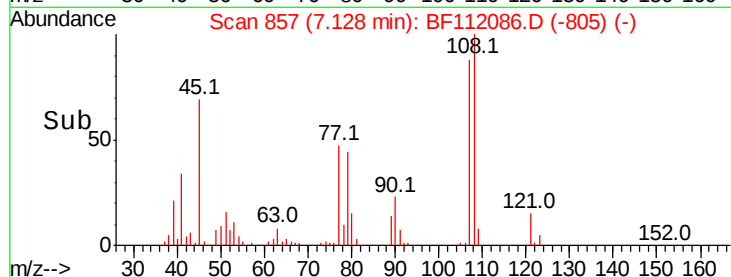
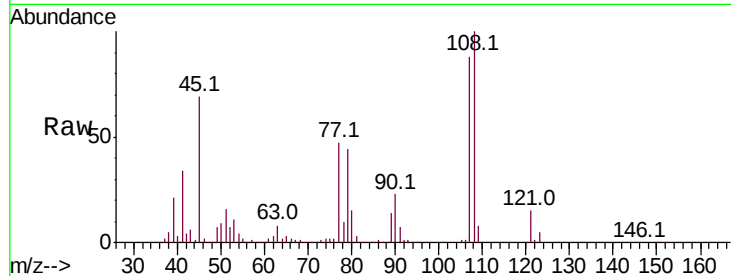




#17
2-Methylphenol
Concen: 42.771 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.01 min
Lab File: BF112086.D
Acq: 17 Jan 2019 13:49

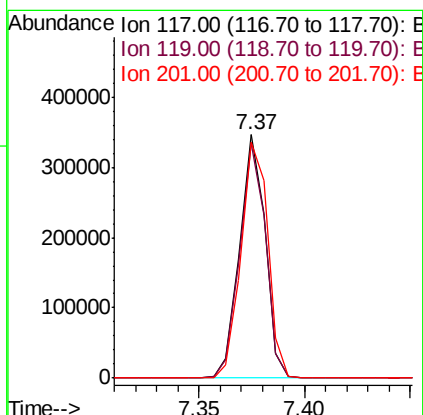
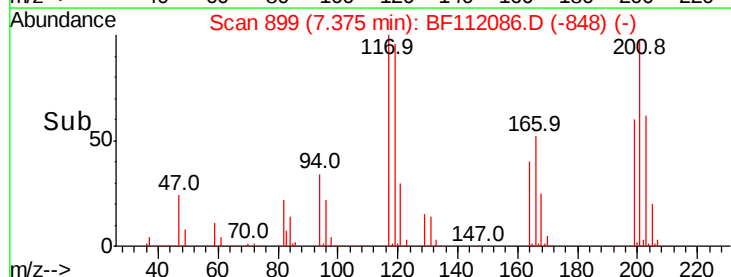
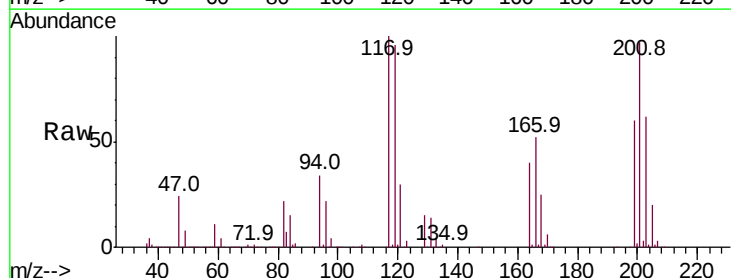
Instrument :
BNA_F
ClientSampleId :
JDHS-SOUTH-1MS

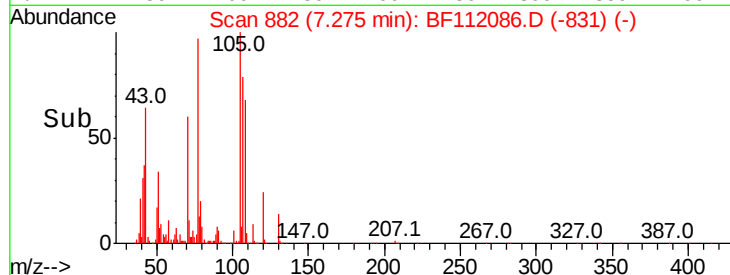
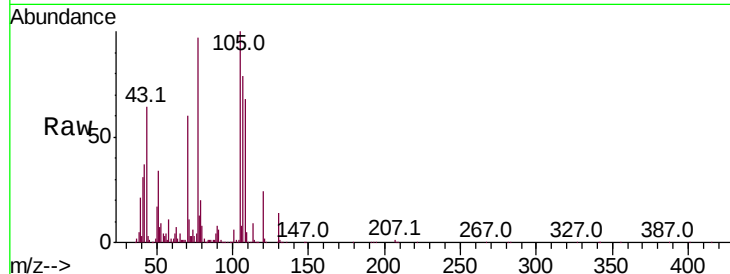
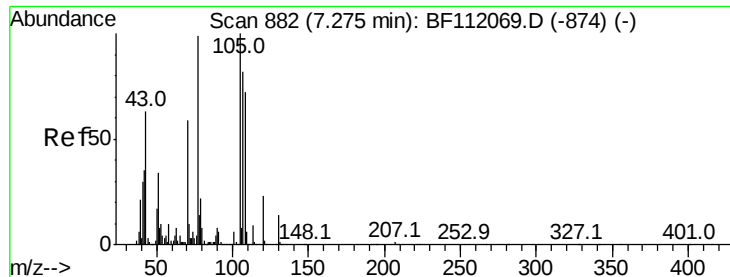
Tot Ion:107 Resp: 636620
Ion Ratio Lower Upper
107 100
108 113.7 91.3 136.9
77 53.7 39.0 58.6
79 50.1 37.0 55.4



#18
Hexachloroethane
Concen: 37.385 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF112086.D
Acq: 17 Jan 2019 13:49

Tgt Ion:117 Resp: 288688
Ion Ratio Lower Upper
117 100
119 96.3 77.0 115.4
201 96.8 74.1 111.1

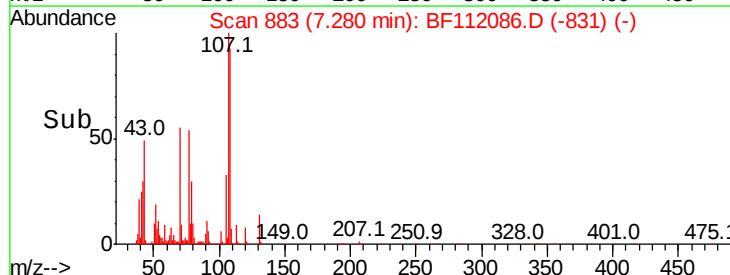
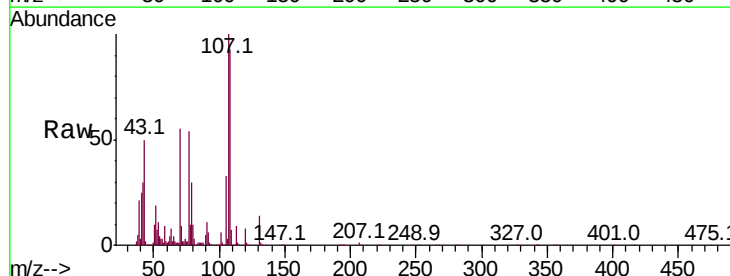
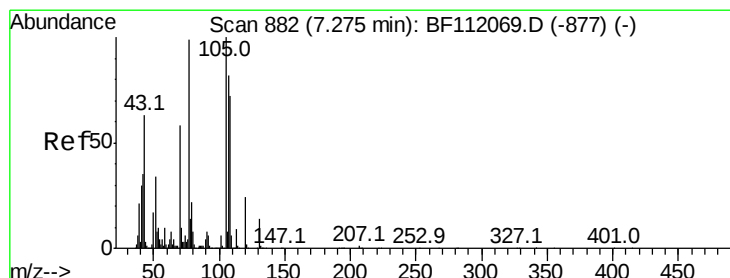
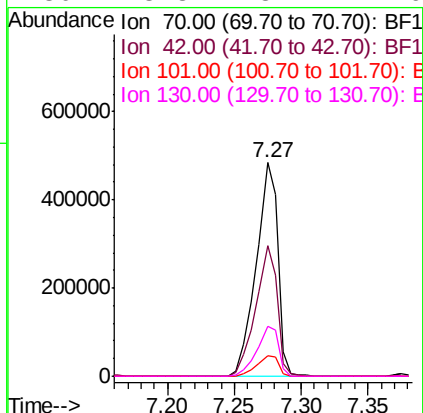




#19
n-Nitroso-di-n-propylamine
Concen: 41.328 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.00 min
Lab File: BF112086.D
Acq: 17 Jan 2019 13:49

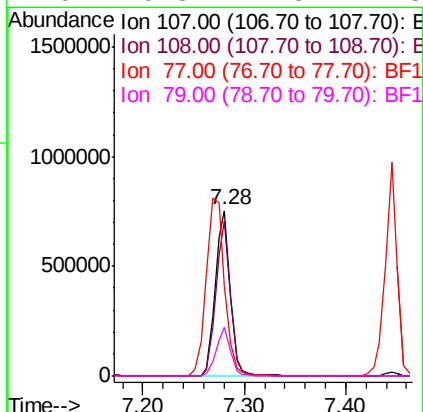
Instrument :
BNA_F
ClientSampleId :
JDHS-SOUTH-1MS

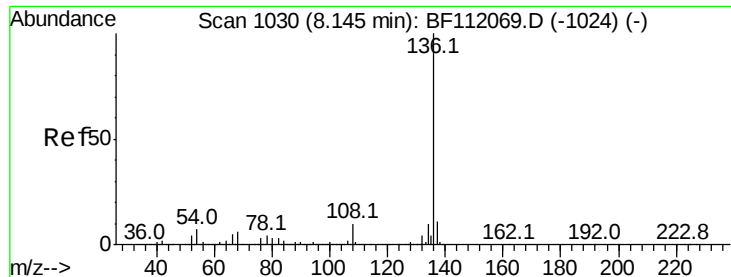
Tot Ion: 70 Resp: 537560
Ion Ratio Lower Upper
70 100
42 61.2 47.6 71.4
101 9.6 7.9 11.9
130 23.3 18.4 27.6



#20
3+4-Methylphenols
Concen: 42.928 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.01 min
Lab File: BF112086.D
Acq: 17 Jan 2019 13:49

Tgt Ion: 107 Resp: 774722
Ion Ratio Lower Upper
107 100
108 93.5 68.2 108.2
77 54.0 100.7 140.7#
79 29.8 7.3 47.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.00 min

Lab File: BF112086.D

Acq: 17 Jan 2019 13:49

Instrument :

BNA_F

ClientSampleId :

JDHS-SOUTH-1MS

Tot Ion:136 Resp: 1134328

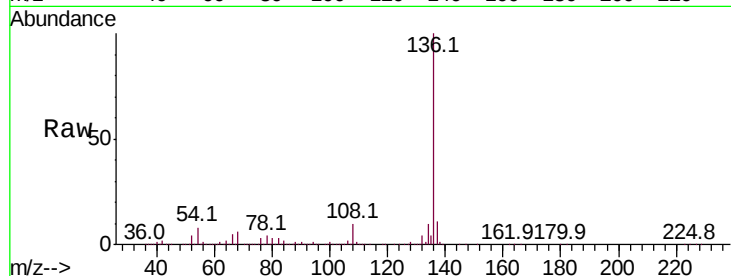
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 7.5 5.9 8.9

68 6.4 5.1 7.7

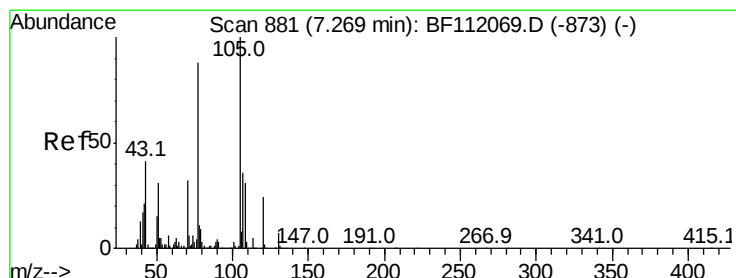
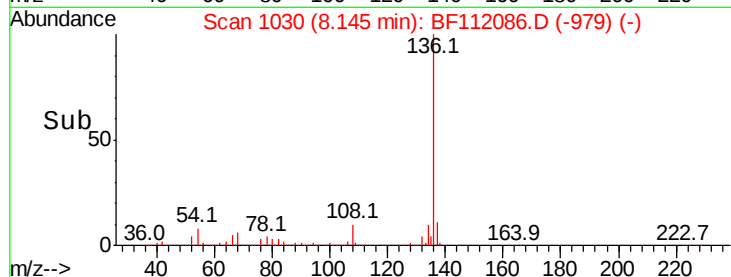
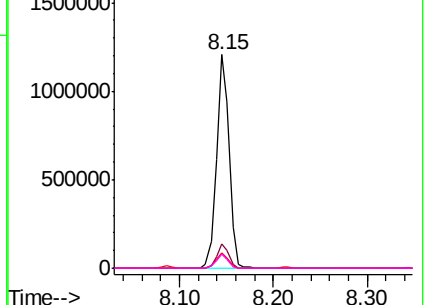


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 39.381 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.00 min

Lab File: BF112086.D

Acq: 17 Jan 2019 13:49

Tgt Ion:105 Resp: 1034919

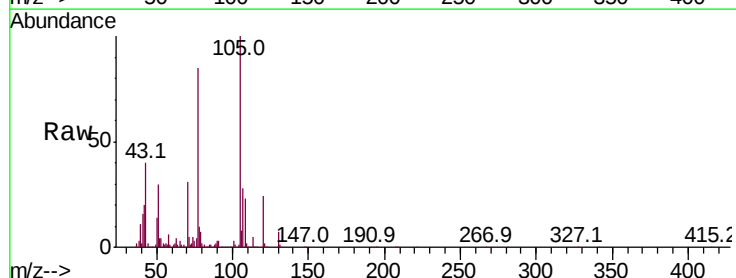
Ion Ratio Lower Upper

105 100

71 5.2 4.6 6.8

51 29.8 25.0 37.6

120 24.1 19.0 28.4

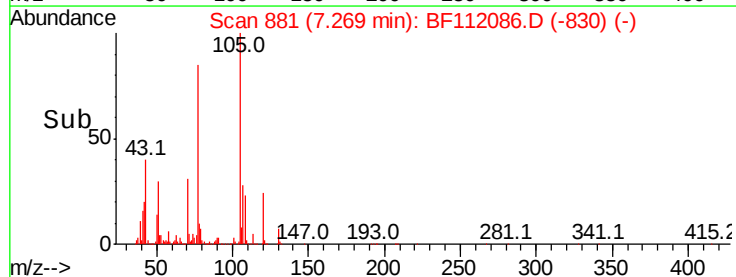
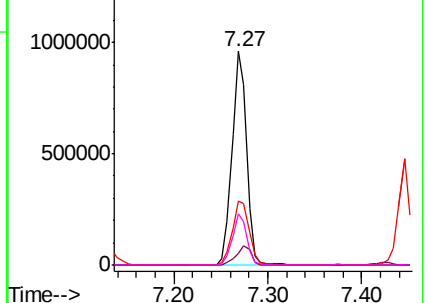


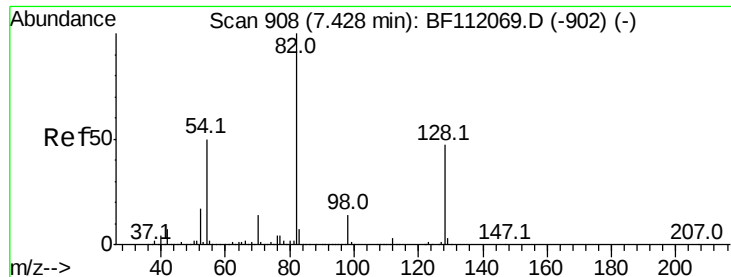
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

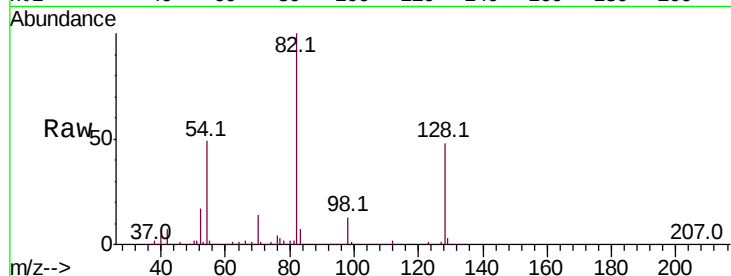




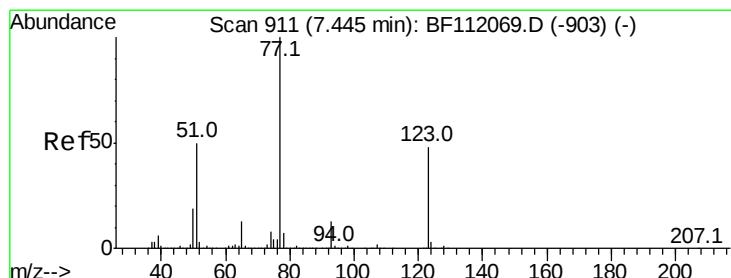
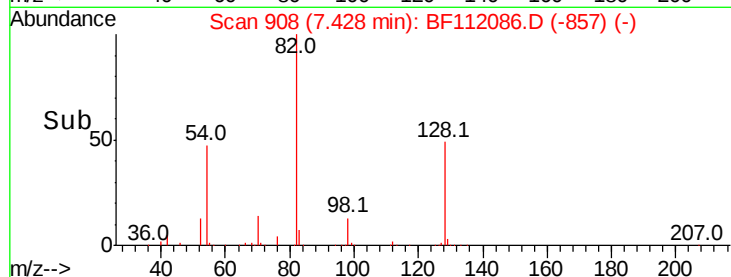
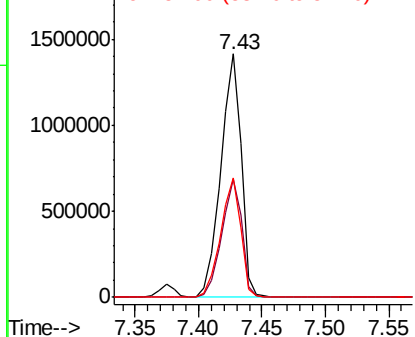
#23
Nitrobenzene-d5
Concen: 96.254 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.00 min
Lab File: BF112086.D
Acq: 17 Jan 2019 13:49

Instrument :
BNA_F
ClientSampleId :
JDHS-SOUTH-1MS

Tot Ion: 82 Resp: 1580334
Ion Ratio Lower Upper
82 100
128 48.5 37.8 56.8
54 49.0 39.7 59.5

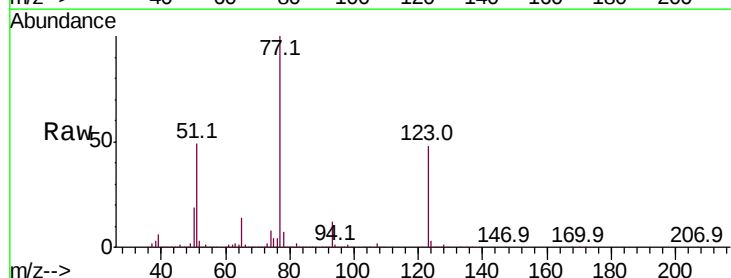


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

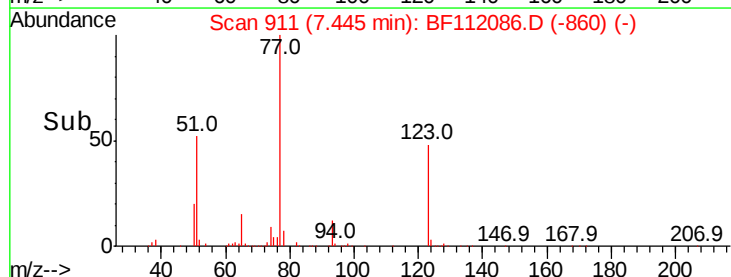
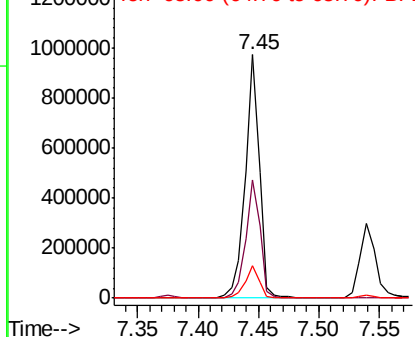


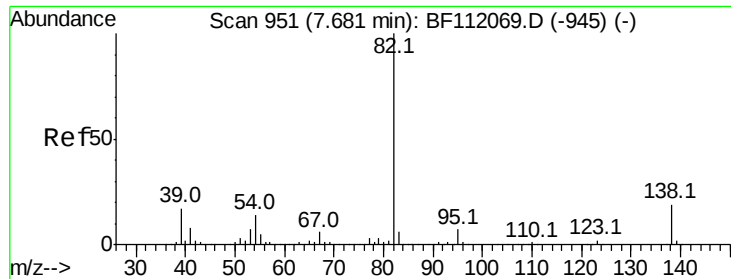
#24
Nitrobenzene
Concen: 45.920 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.00 min
Lab File: BF112086.D
Acq: 17 Jan 2019 13:49

Tgt Ion: 77 Resp: 799031
Ion Ratio Lower Upper
77 100
123 48.4 38.4 57.6
65 13.5 10.6 15.8



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 46.048 ng

RT: 7.69 min Scan# 952

Delta R.T. 0.01 min

Lab File: BF112086.D

Acq: 17 Jan 2019 13:49

Instrument :

BNA_F

ClientSampleId :

JDHS-SOUTH-1MS

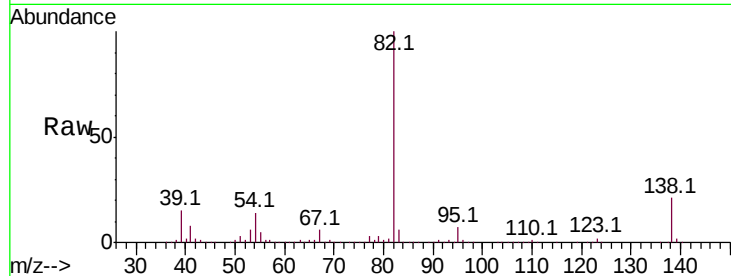
Tot Ion: 82 Resp: 1460285

Ion Ratio Lower Upper

82 100

95 7.1 5.7 8.5

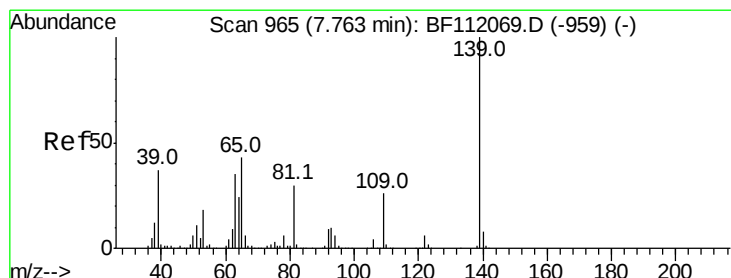
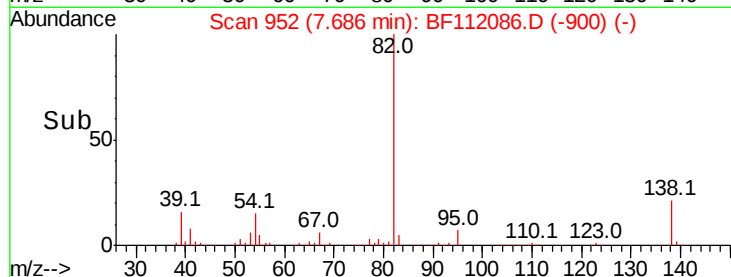
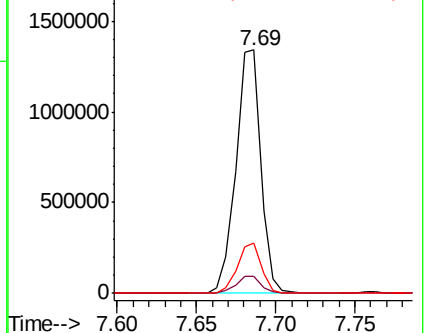
138 20.6 15.4 23.0



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 44.878 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.00 min

Lab File: BF112086.D

Acq: 17 Jan 2019 13:49

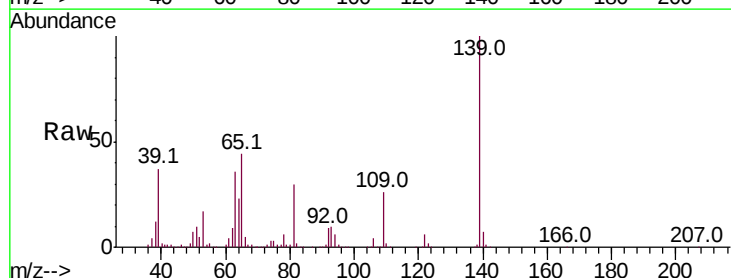
Tgt Ion:139 Resp: 397346

Ion Ratio Lower Upper

139 100

109 26.2 20.8 31.2

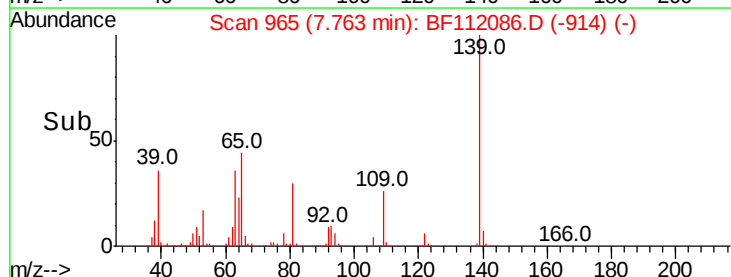
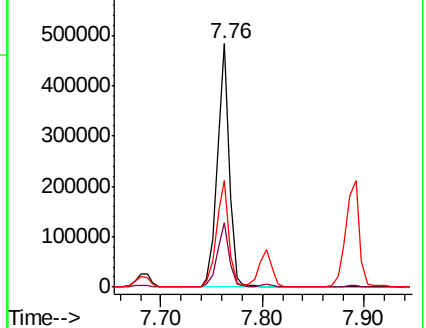
65 43.9 34.4 51.6

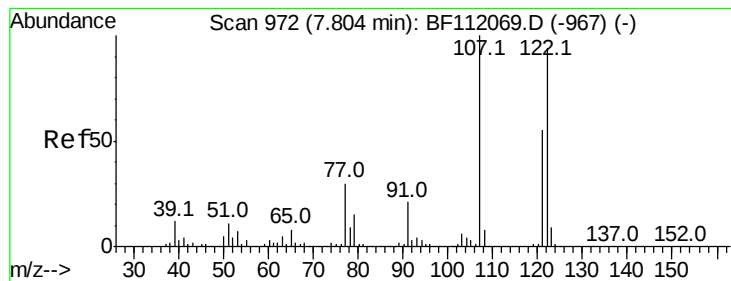


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

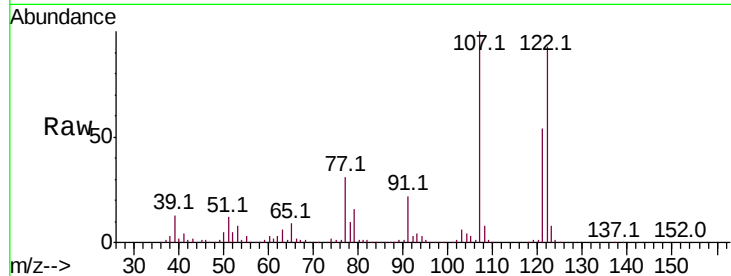




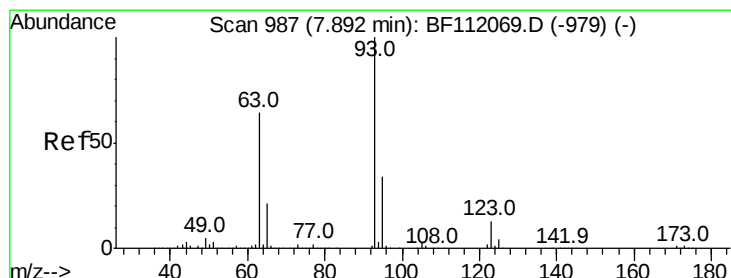
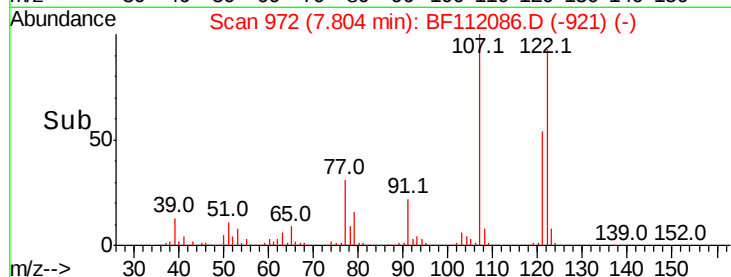
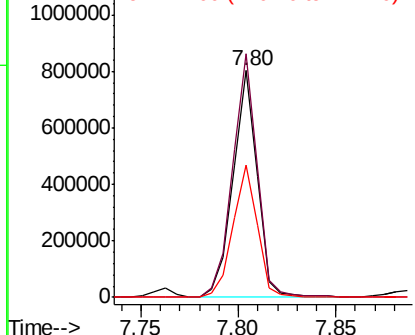
#27
 2,4-Dimethylphenol
 Concen: 47.005 ng
 RT: 7.80 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: BF112086.D
 Acq: 17 Jan 2019 13:49

Instrument :
 BNA_F
 ClientSampleId :
 JDHS-SOUTH-1MS

Tot Ion:	122	Resp:	691934
Ion	Ratio	Lower	Upper
122	100		
107	107.4	85.4	128.0
121	58.2	47.0	70.4

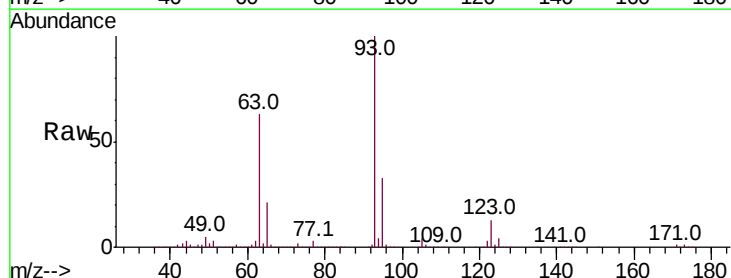


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

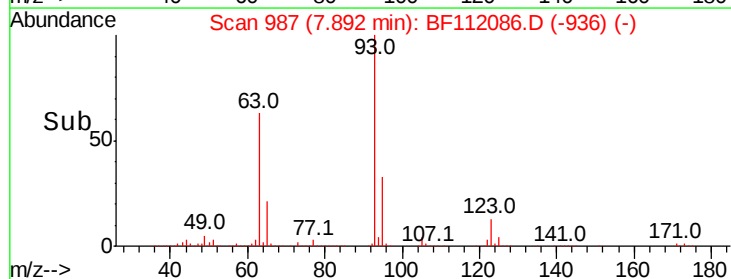
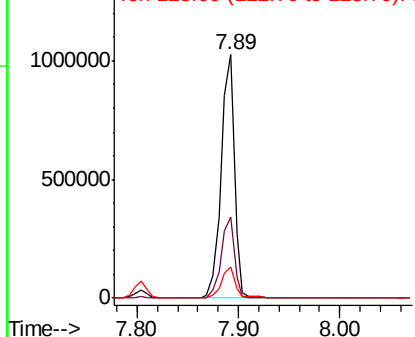


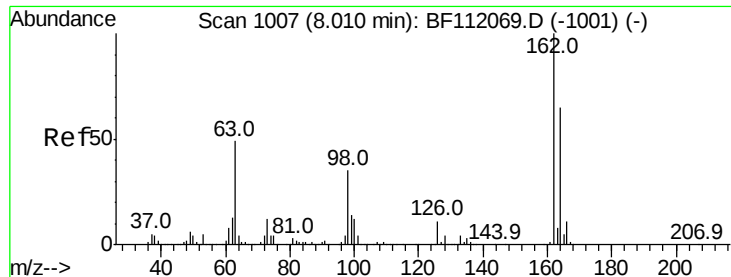
#28
 bis(2-Chloroethoxy)methane
 Concen: 43.153 ng
 RT: 7.89 min Scan# 987
 Delta R.T. -0.00 min
 Lab File: BF112086.D
 Acq: 17 Jan 2019 13:49

Tgt Ion:	93	Resp:	938726
Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.8	40.2
123	12.7	10.2	15.2



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E

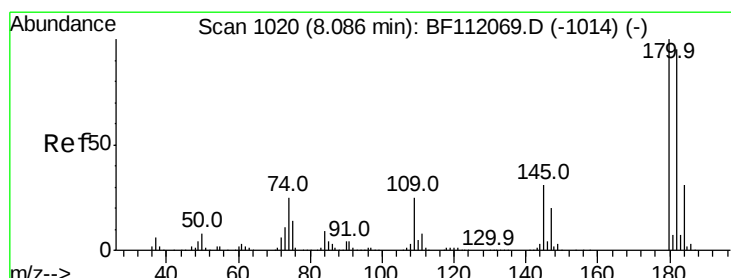
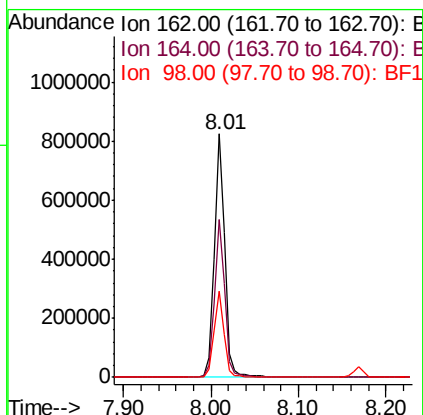
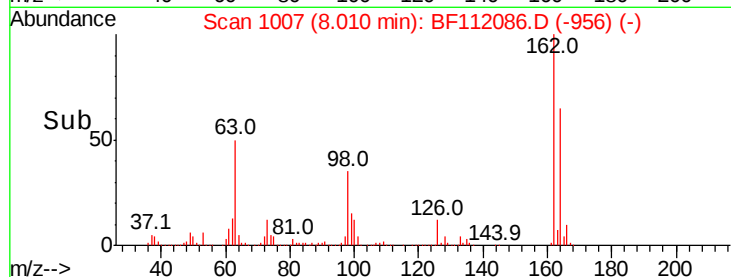
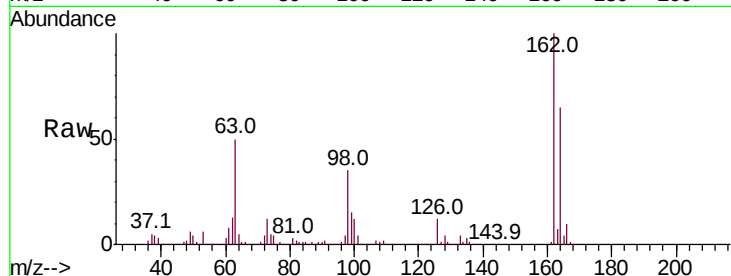




#29
 2,4-Dichlorophenol
 Concen: 42.755 ng
 RT: 8.01 min Scan# 1007
 Delta R.T. -0.00 min
 Lab File: BF112086.D
 Acq: 17 Jan 2019 13:49

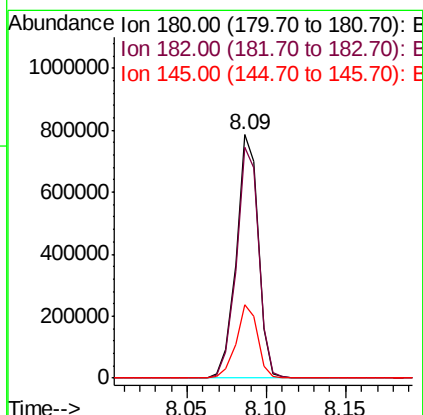
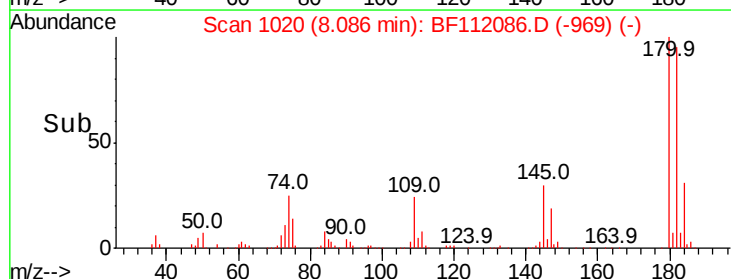
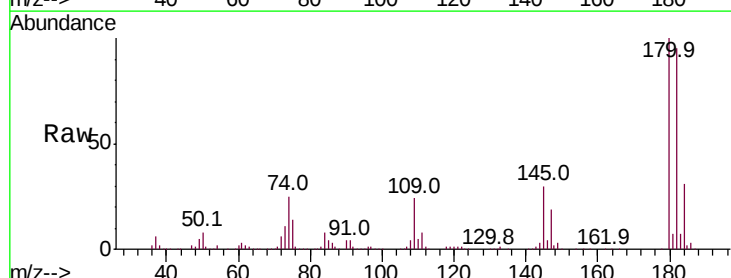
Instrument :
 BNA_F
 ClientSampleId :
 JDHS-SOUTH-1MS

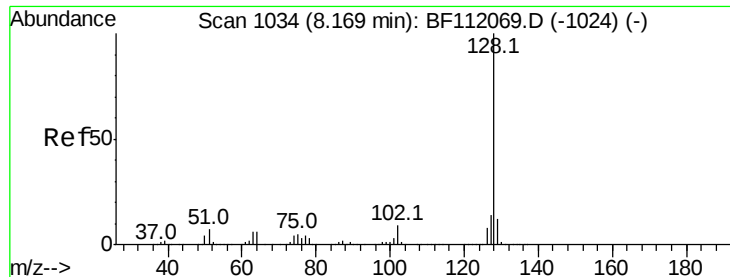
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	44.6	84.6
98	35.4	14.6	54.6



#30
 1,2,4-Trichlorobenzene
 Concen: 40.534 ng
 RT: 8.09 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BF112086.D
 Acq: 17 Jan 2019 13:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	76.4	114.6
145	30.4	25.0	37.4

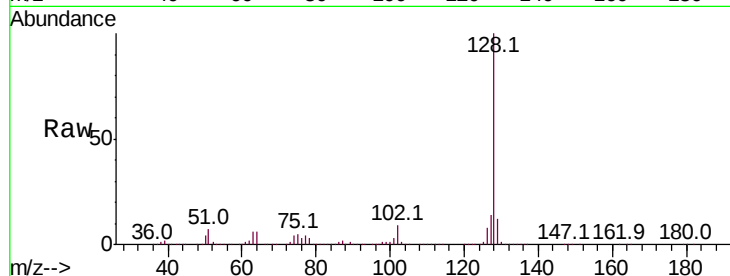




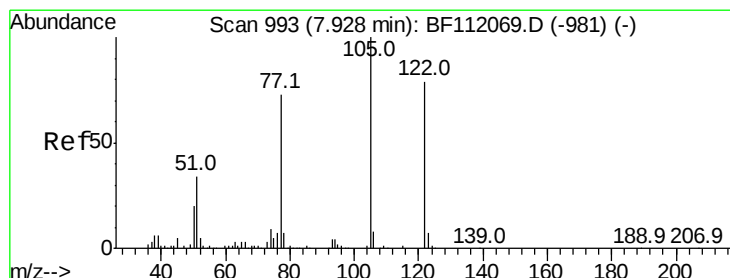
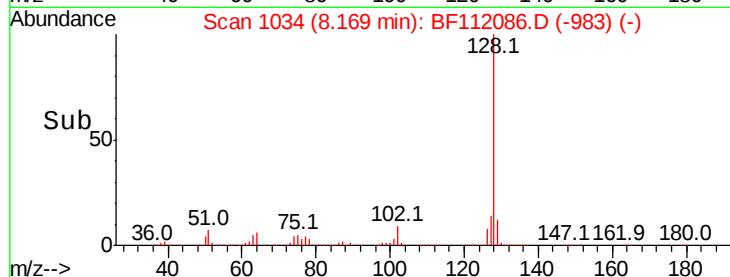
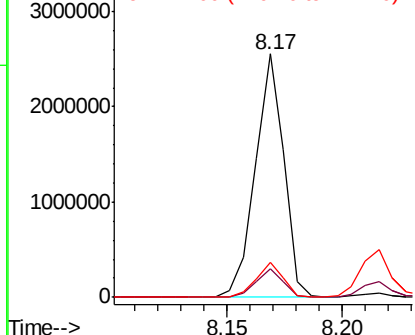
#31
Naphthalene
Concen: 43.065 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF112086.D
Acq: 17 Jan 2019 13:49

Instrument :
BNA_F
ClientSampleId :
JDHS-SOUTH-1MS

Tot Ion:128 Resp: 2221826
Ion Ratio Lower Upper
128 100
129 12.0 9.6 14.4
127 14.4 11.1 16.7

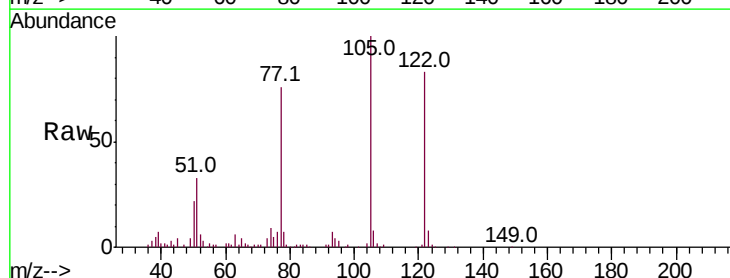


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

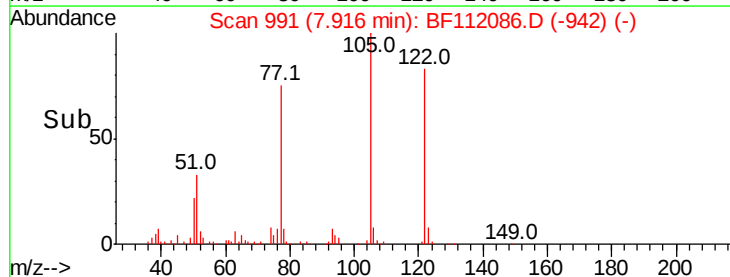
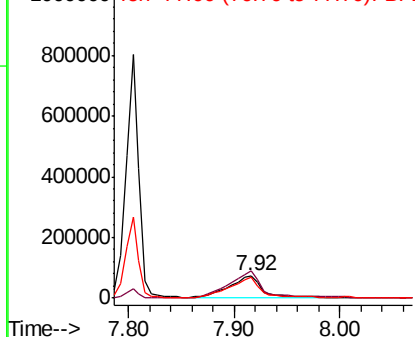


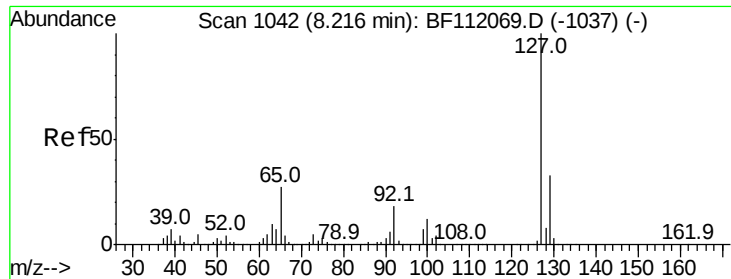
#32
Benzoic acid
Concen: 28.614 ng
RT: 7.92 min Scan# 991
Delta R.T. -0.01 min
Lab File: BF112086.D
Acq: 17 Jan 2019 13:49

Tgt Ion:122 Resp: 152054
Ion Ratio Lower Upper
122 100
105 119.9 101.2 141.2
77 91.4 70.4 110.4



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

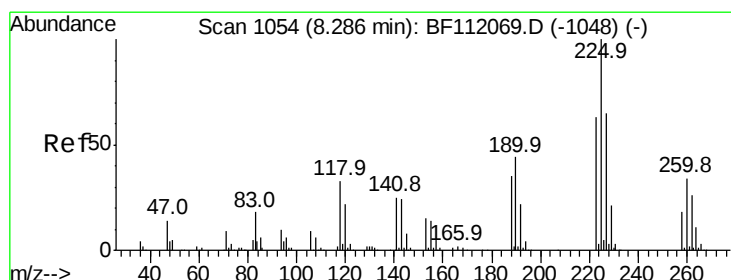
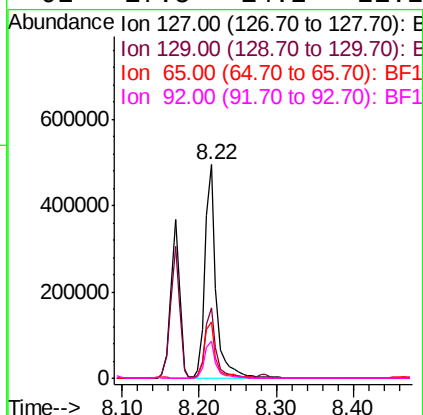
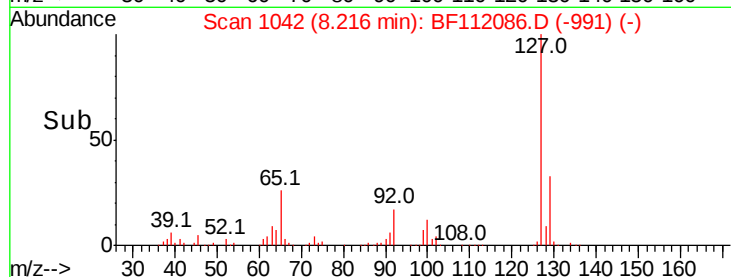
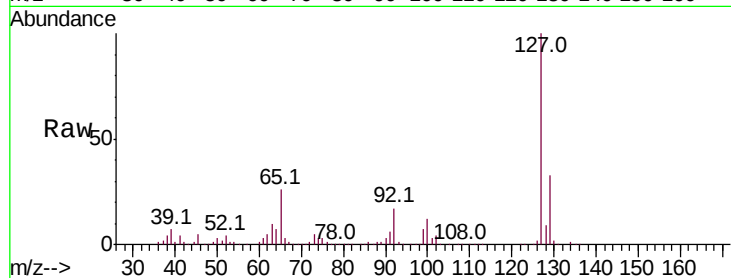




#33
4-Chloroaniline
Concen: 21.531 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BF112086.D
Acq: 17 Jan 2019 13:49

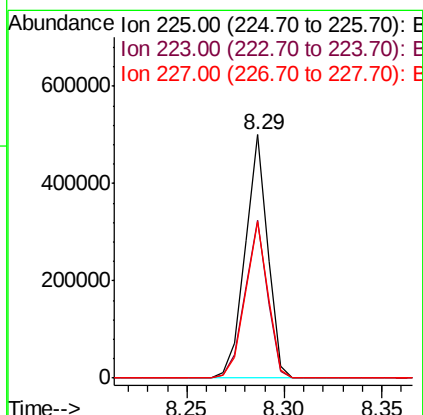
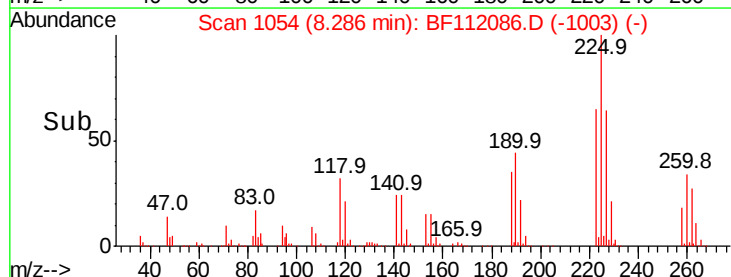
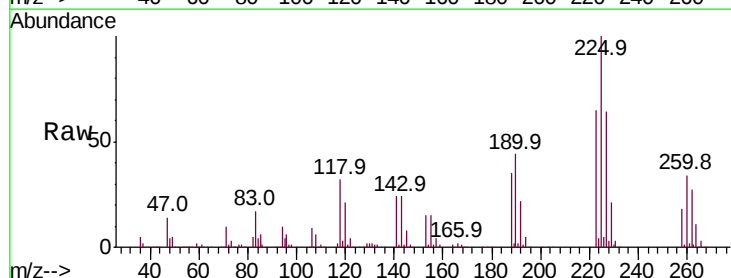
Instrument :
BNA_F
ClientSampleId :
JDHS-SOUTH-1MS

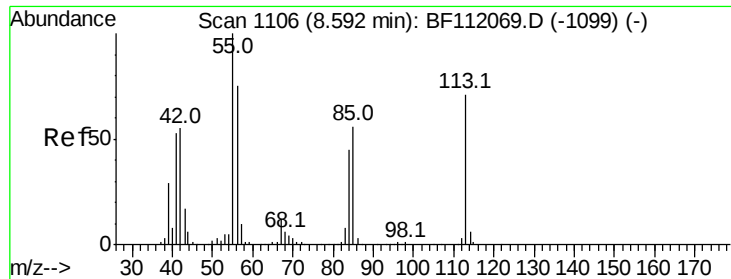
Tot Ion:	127	Resp:	499237
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.6	39.8
65	26.4	21.4	32.2
92	17.5	14.2	21.2



#34
Hexachlorobutadiene
Concen: 38.583 ng
RT: 8.29 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BF112086.D
Acq: 17 Jan 2019 13:49

Tgt Ion:	225	Resp:	400695
Ion	Ratio	Lower	Upper
225	100		
223	64.9	50.3	75.5
227	64.2	51.8	77.8

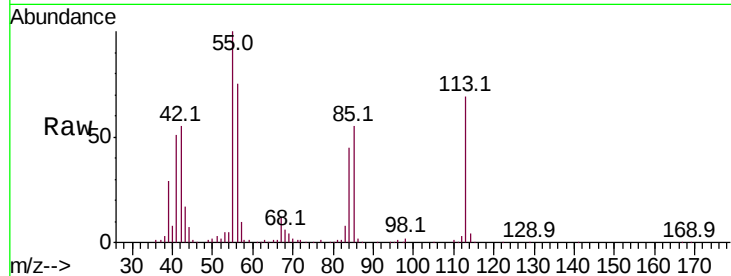




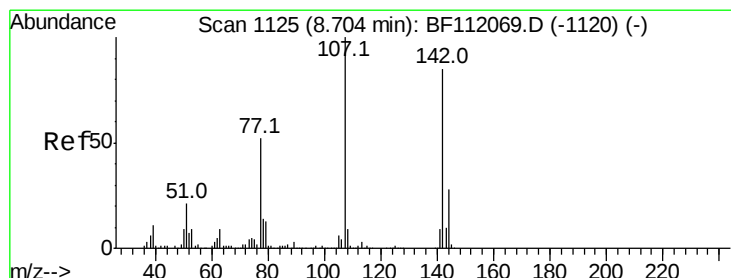
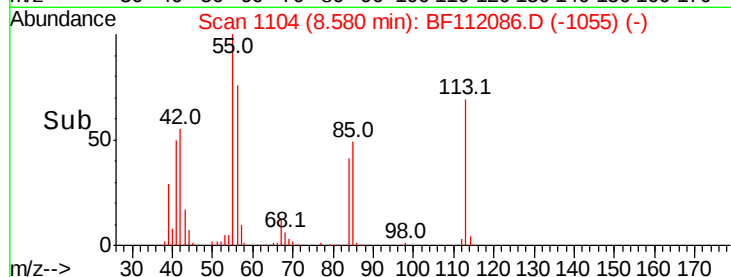
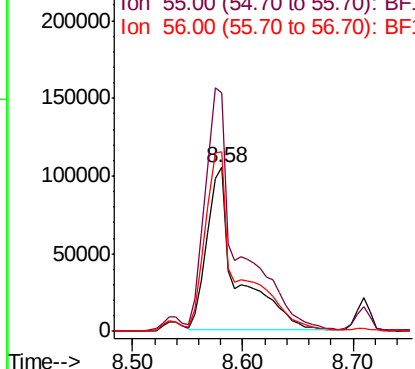
#35
 Caprolactam
 Concen: 35.315 ng
 RT: 8.58 min Scan# 1104
 Delta R.T. -0.01 min
 Lab File: BF112086.D
 Acq: 17 Jan 2019 13:49

Instrument :
 BNA_F
 ClientSampleId :
 JDHS-SOUTH-1MS

Tot Ion:113 Resp: 198756
 Ion Ratio Lower Upper
 113 100
 55 145.4 121.6 161.6
 56 109.5 86.7 126.7

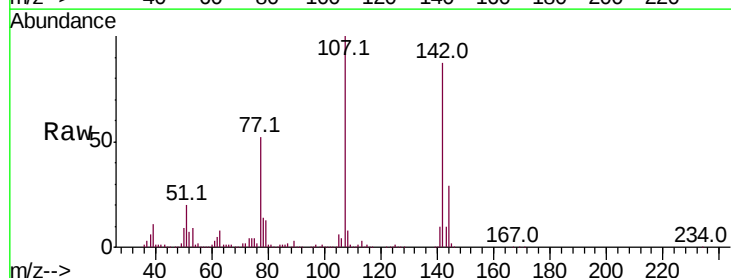


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

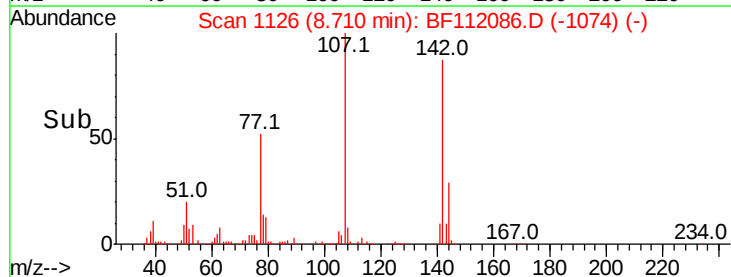
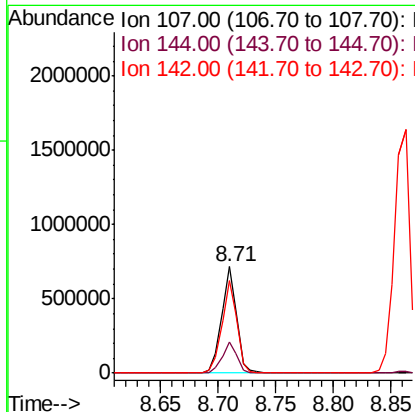


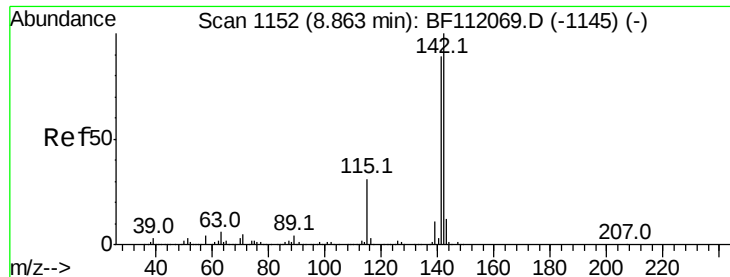
#36
 4-Chloro-3-methylphenol
 Concen: 41.608 ng
 RT: 8.71 min Scan# 1126
 Delta R.T. 0.01 min
 Lab File: BF112086.D
 Acq: 17 Jan 2019 13:49

Tgt Ion:107 Resp: 653497
 Ion Ratio Lower Upper
 107 100
 144 29.0 22.2 33.2
 142 87.4 67.7 101.5



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

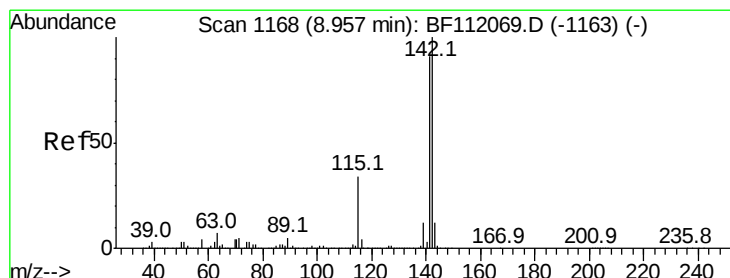
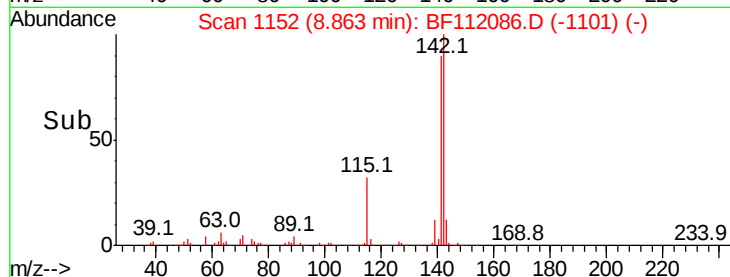
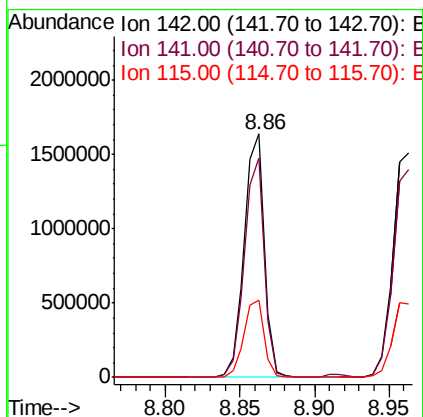
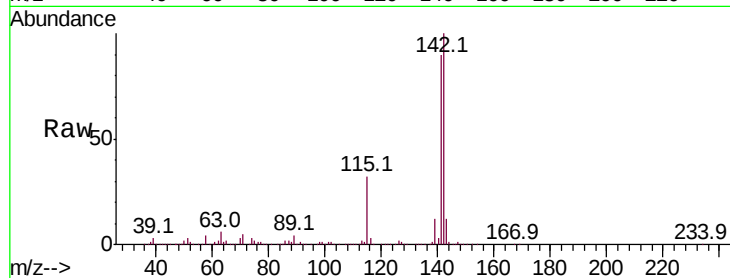




#37
2-Methylnaphthalene
Concen: 43.783 ng
RT: 8.86 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BF112086.D
Acq: 17 Jan 2019 13:49

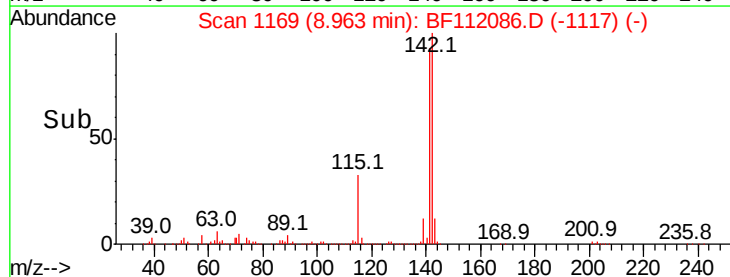
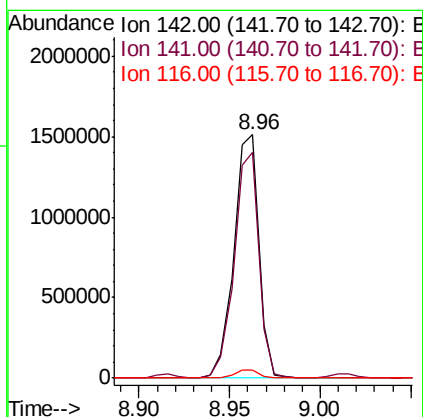
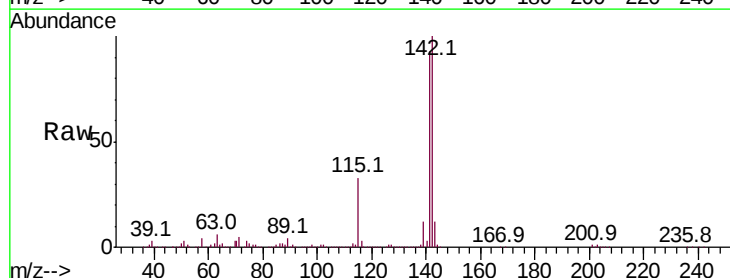
Instrument :
BNA_F
ClientSampleId :
JDHS-SOUTH-1MS

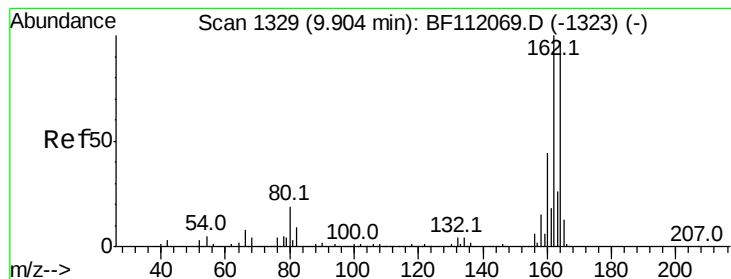
Tot Ion:142 Resp: 1533886
Ion Ratio Lower Upper
142 100
141 89.9 70.9 106.3
115 31.8 24.9 37.3



#38
1-Methylnaphthalene
Concen: 42.910 ng
RT: 8.96 min Scan# 1169
Delta R.T. 0.01 min
Lab File: BF112086.D
Acq: 17 Jan 2019 13:49

Tgt Ion:142 Resp: 1444757
Ion Ratio Lower Upper
142 100
141 92.6 72.6 108.8
116 3.3 2.8 4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.00 min

Lab File: BF112086.D

Acq: 17 Jan 2019 13:49

Instrument :

BNA_F

ClientSampleId :

JDHS-SOUTH-1MS

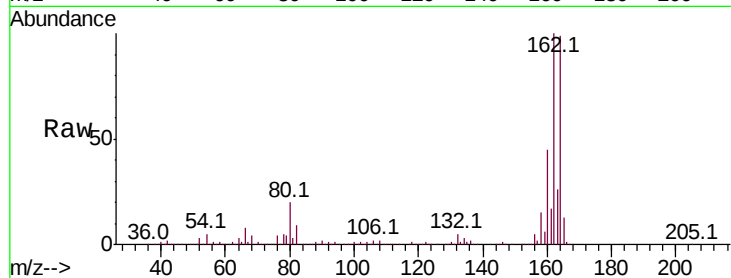
Tot Ion:164 Resp: 510255

Ion Ratio Lower Upper

164 100

162 101.2 82.2 123.4

160 45.7 36.2 54.4

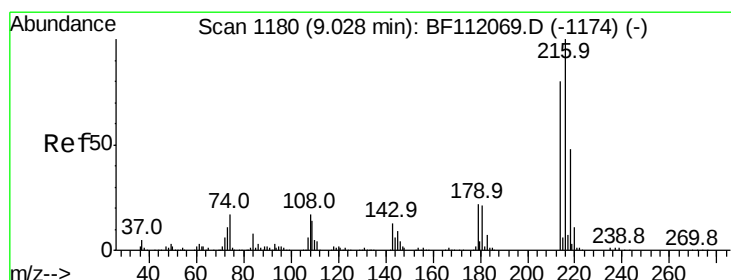
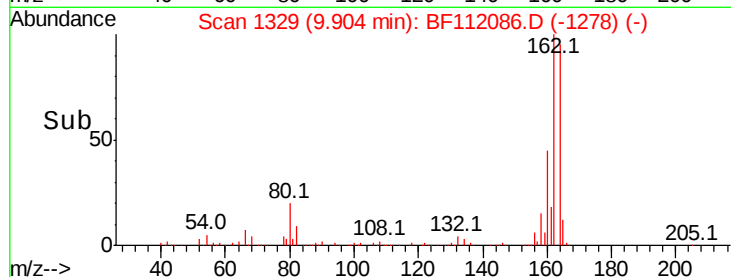
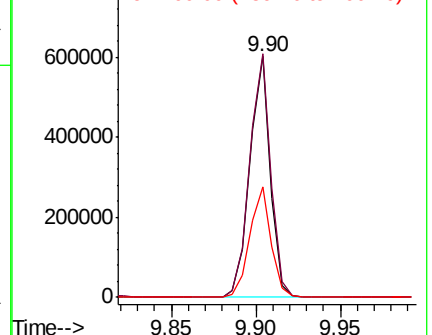


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.509 ng

RT: 9.03 min Scan# 1180

Delta R.T. -0.00 min

Lab File: BF112086.D

Acq: 17 Jan 2019 13:49

Tgt Ion:216 Resp: 712886

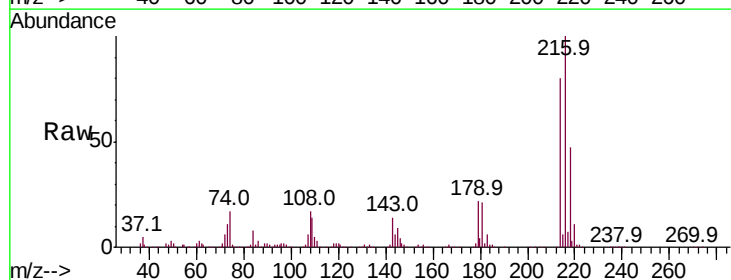
Ion Ratio Lower Upper

216 100

214 79.8 63.8 95.6

179 21.1 16.9 25.3

108 17.3 14.2 21.4



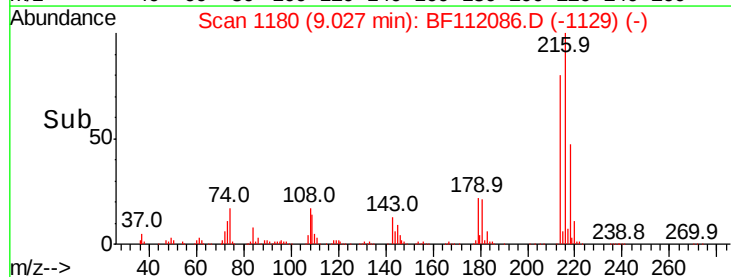
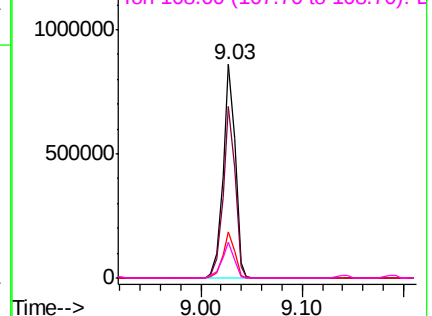
Abundance

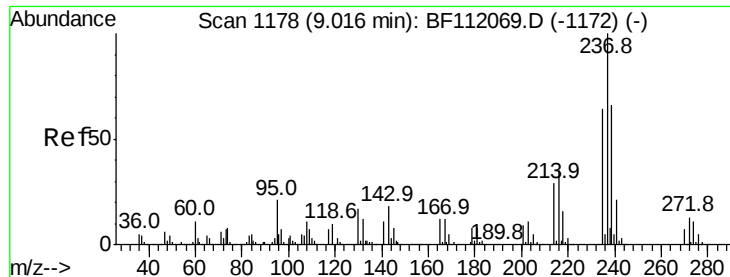
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 31.239 ng

RT: 9.02 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BF112086.D

Acq: 17 Jan 2019 13:49

Instrument :

BNA_F

ClientSampleId :

JDHS-SOUTH-1MS

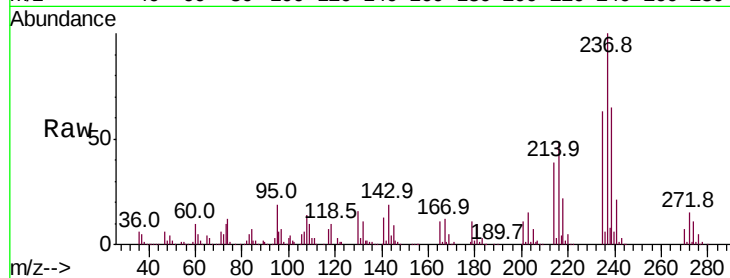
Tot Ion:237 Resp: 169735

Ion Ratio Lower Upper

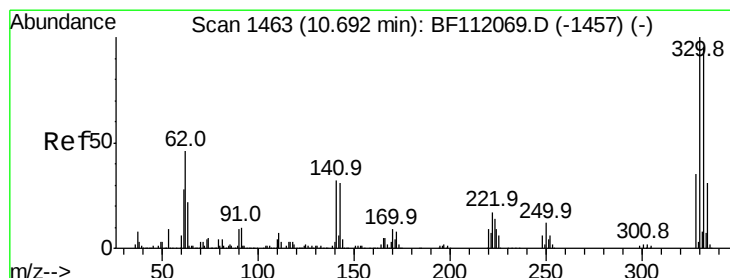
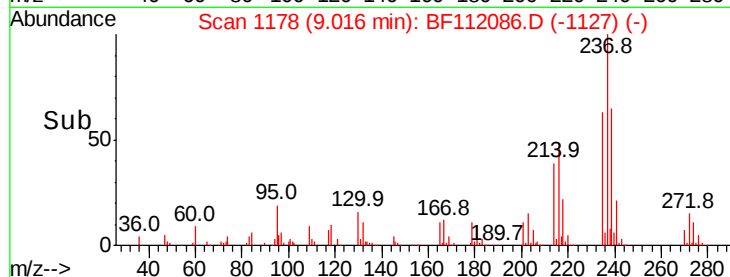
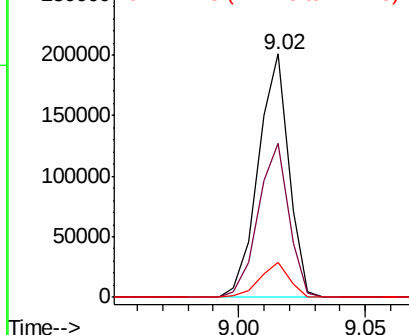
237 100

235 63.2 44.0 84.0

272 14.6 0.0 33.3



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 119.242 ng

RT: 10.70 min Scan# 1464

Delta R.T. 0.01 min

Lab File: BF112086.D

Acq: 17 Jan 2019 13:49

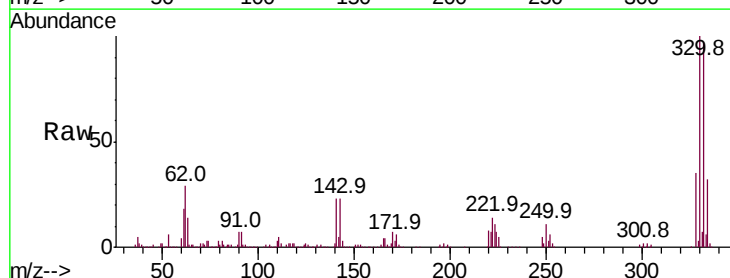
Tgt Ion:330 Resp: 656372

Ion Ratio Lower Upper

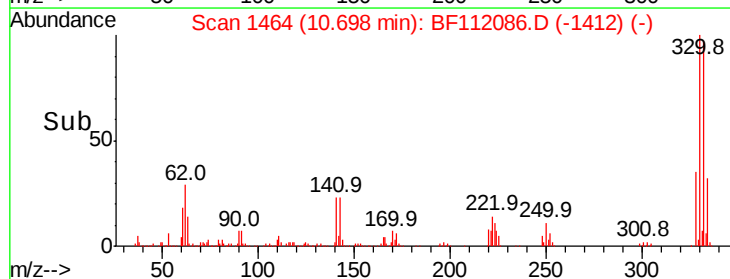
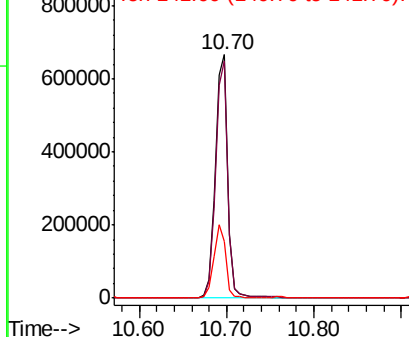
330 100

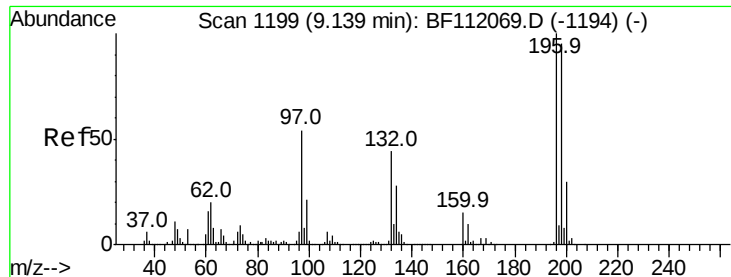
332 95.9 76.6 114.8

141 29.3 24.3 36.5



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

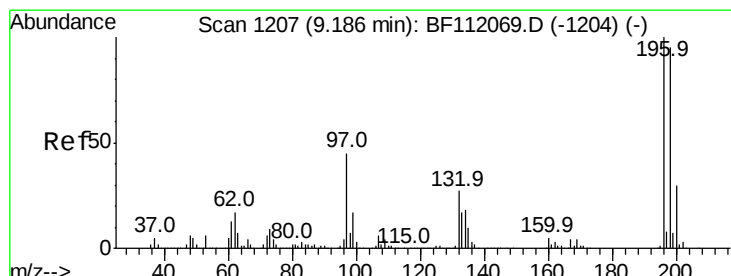
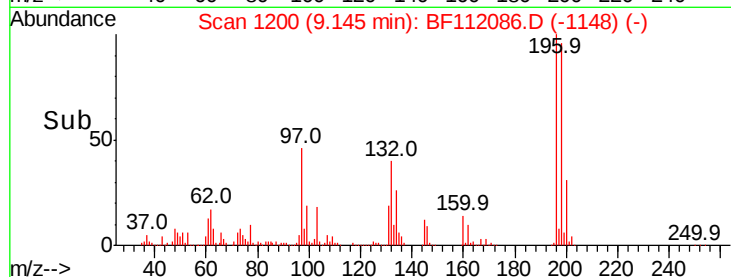
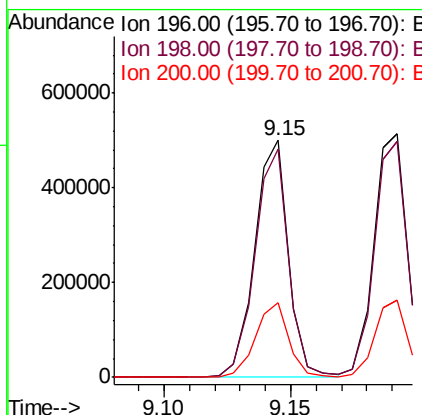
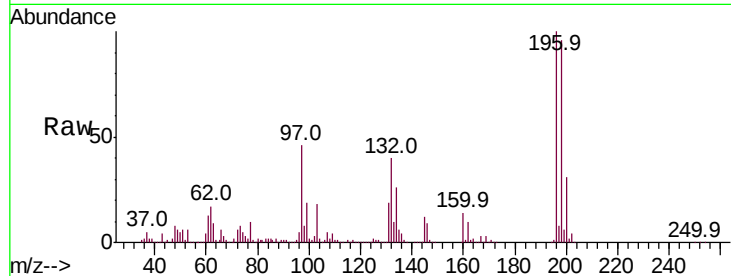




#43
 2,4,6-Trichlorophenol
 Concen: 47.424 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.01 min
 Lab File: BF112086.D
 Acq: 17 Jan 2019 13:49

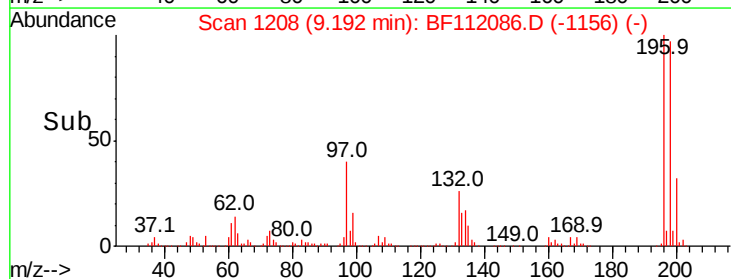
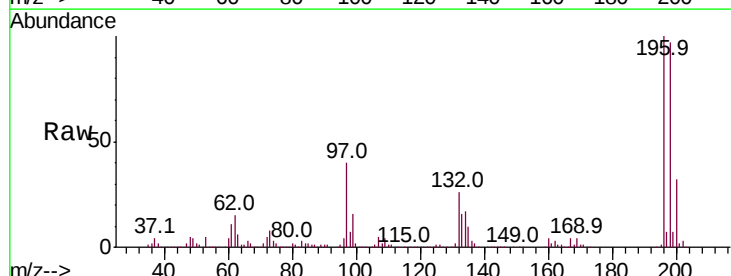
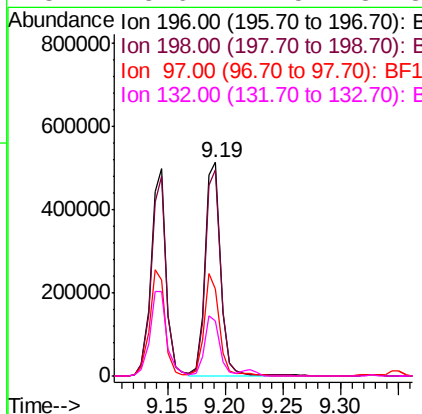
Instrument :
 BNA_F
 ClientSampleId :
 JDHS-SOUTH-1MS

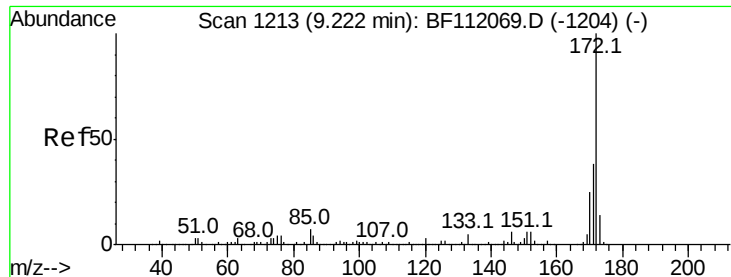
Tot Ion	196	Resp	464848
Ion Ratio	100	Lower	Upper
196	100		
198	96.1	76.2	114.4
200	31.3	24.3	36.5



#44
 2,4,5-Trichlorophenol
 Concen: 46.475 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.01 min
 Lab File: BF112086.D
 Acq: 17 Jan 2019 13:49

Tgt Ion	196	Resp	485178
Ion Ratio	100	Lower	Upper
196	100		
198	96.7	76.0	114.0
97	40.5	36.4	54.6
132	25.6	21.5	32.3





#45

2-Fluorobiphenyl

Concen: 79.371 ng

RT: 9.22 min Scan# 1213

Delta R.T. -0.00 min

Lab File: BF112086.D

Acq: 17 Jan 2019 13:49

Instrument :

BNA_F

ClientSampleId :

JDHS-SOUTH-1MS

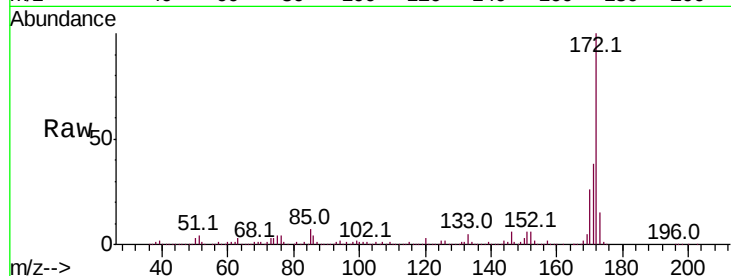
Tot Ion:172 Resp: 2762361

Ion Ratio Lower Upper

172 100

171 38.5 30.5 45.7

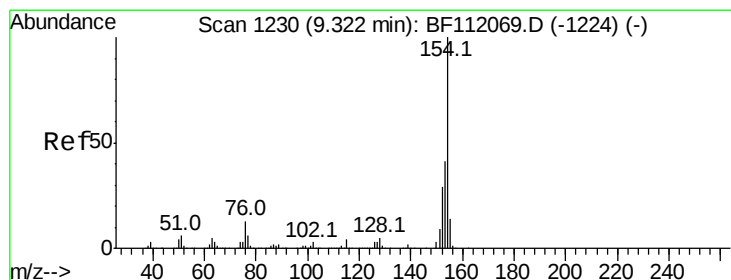
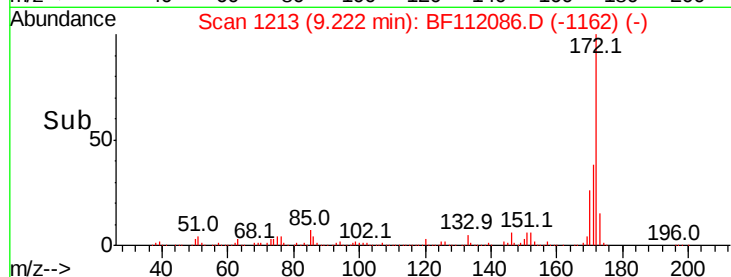
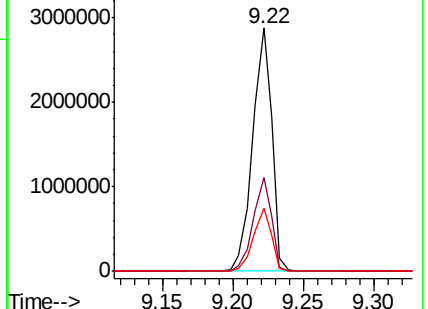
170 26.1 20.2 30.4



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 42.459 ng

RT: 9.32 min Scan# 1230

Delta R.T. -0.00 min

Lab File: BF112086.D

Acq: 17 Jan 2019 13:49

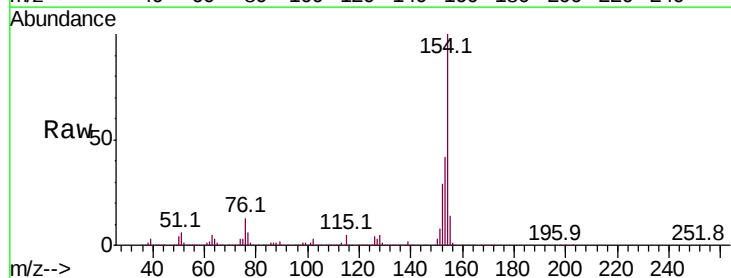
Tgt Ion:154 Resp: 1811550

Ion Ratio Lower Upper

154 100

153 42.1 21.5 61.5

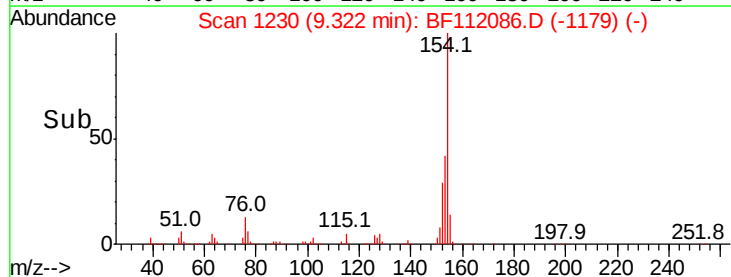
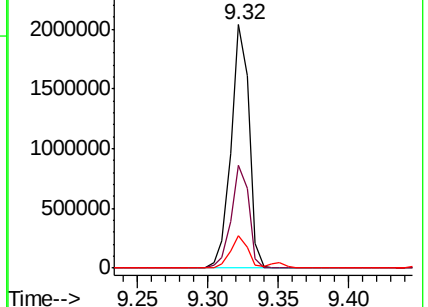
76 13.2 0.0 33.1

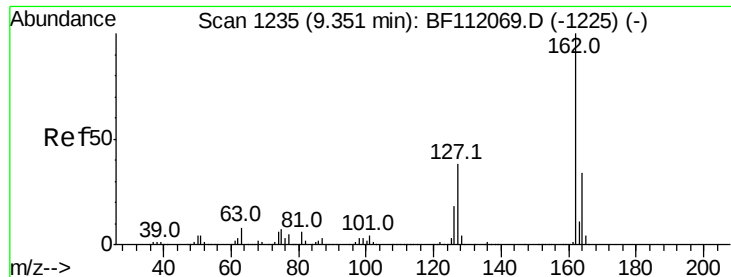


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

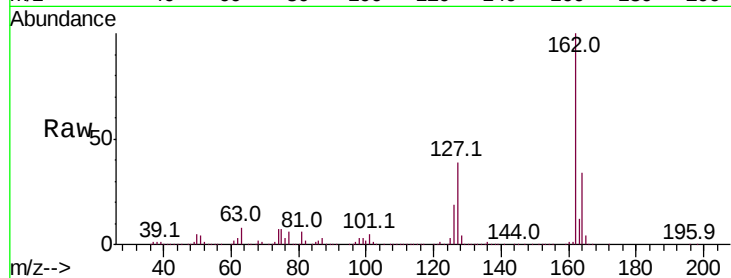




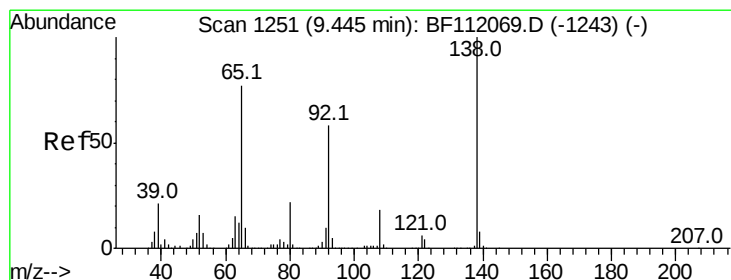
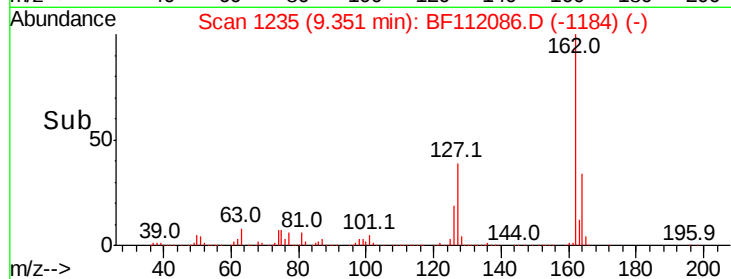
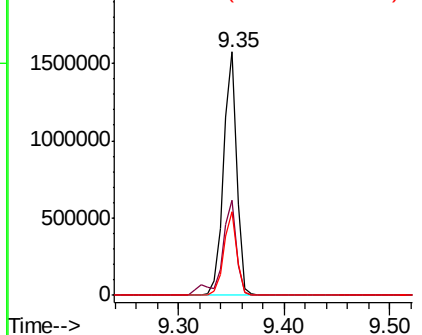
#47
 2-Chloronaphthalene
 Concen: 41.567 ng
 RT: 9.35 min Scan# 1235
 Delta R.T. -0.00 min
 Lab File: BF112086.D
 Acq: 17 Jan 2019 13:49

Instrument :
 BNA_F
 ClientSampleId :
 JDHS-SOUTH-1MS

Tot Ion:162 Resp: 1388238
 Ion Ratio Lower Upper
 162 100
 127 39.0 30.4 45.6
 164 34.3 27.4 41.2

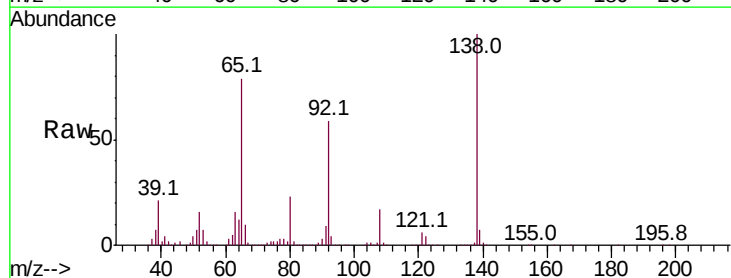


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

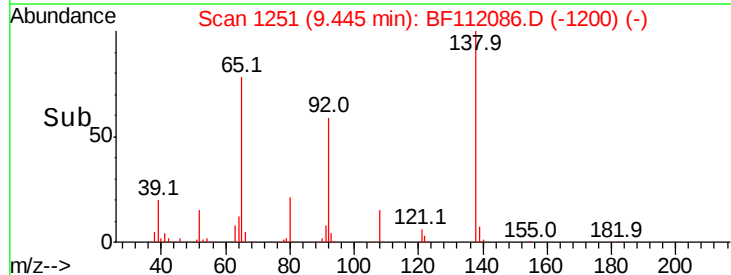
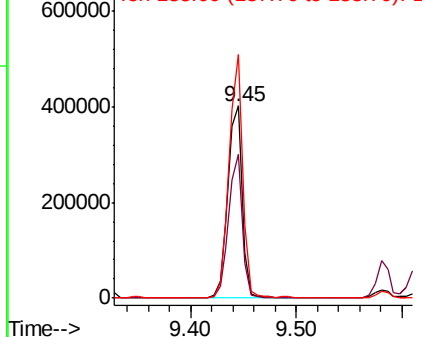


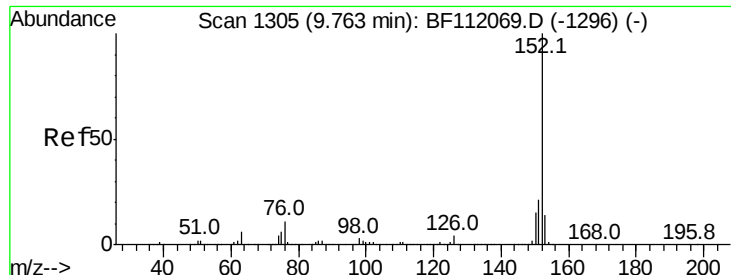
#48
 2-Nitroaniline
 Concen: 50.984 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: BF112086.D
 Acq: 17 Jan 2019 13:49

Tgt Ion: 65 Resp: 383534
 Ion Ratio Lower Upper
 65 100
 92 75.1 60.4 90.6
 138 126.8 104.4 156.6



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 43.653 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BF112086.D

Acq: 17 Jan 2019 13:49

Instrument :

BNA_F

ClientSampleId :

JDHS-SOUTH-1MS

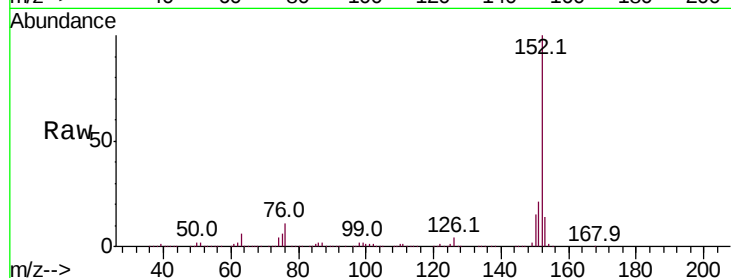
Tot Ion:152 Resp: 2127512

Ion Ratio Lower Upper

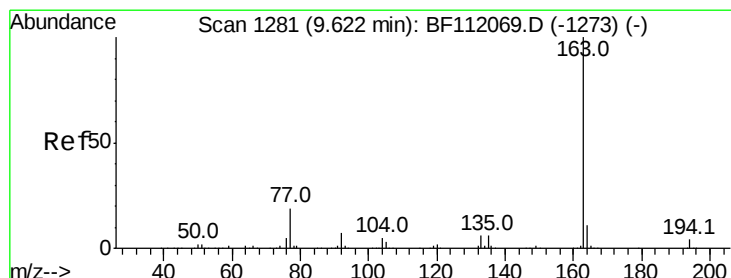
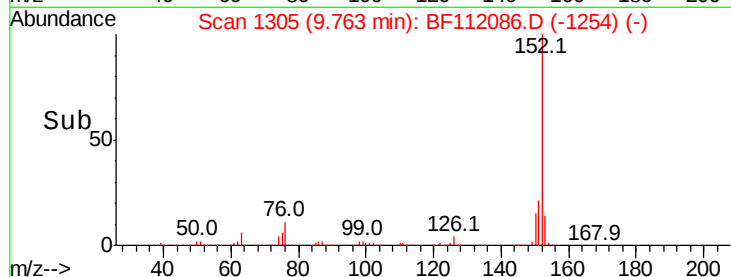
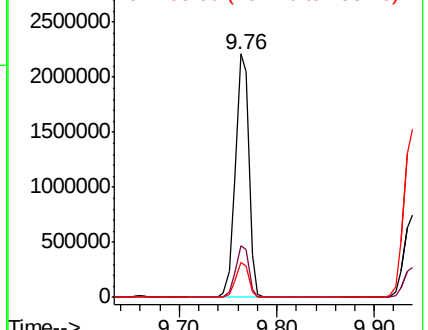
152 100

151 21.2 17.0 25.6

153 14.3 11.2 16.8



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 50.705 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.00 min

Lab File: BF112086.D

Acq: 17 Jan 2019 13:49

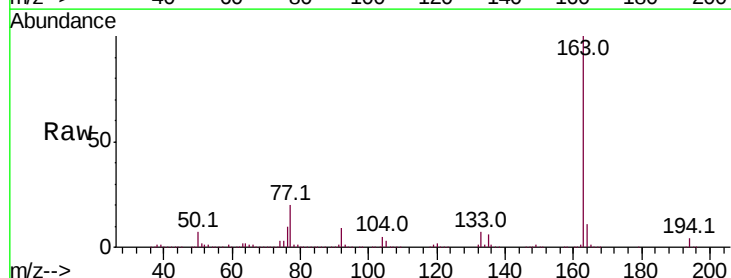
Tgt Ion:163 Resp: 1886844

Ion Ratio Lower Upper

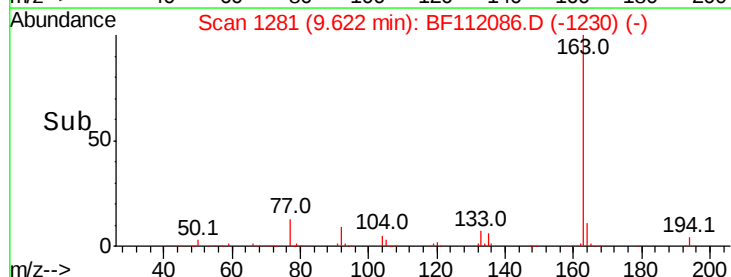
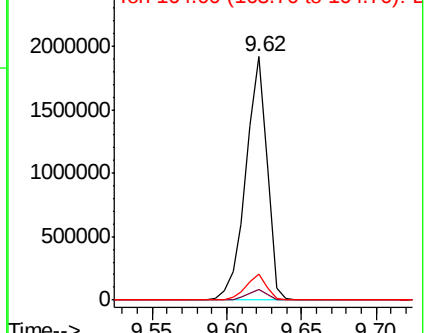
163 100

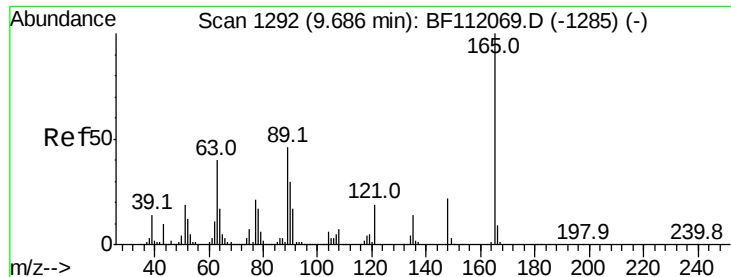
194 4.3 3.3 4.9

164 10.6 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 47.865 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.00 min

Lab File: BF112086.D

Acq: 17 Jan 2019 13:49

Instrument :

BNA_F

ClientSampleId :

JDHS-SOUTH-1MS

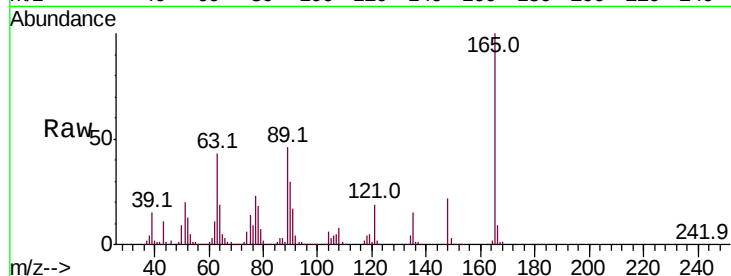
Tot Ion:165 Resp: 355703

Ion Ratio Lower Upper

165 100

63 43.4 33.8 50.8

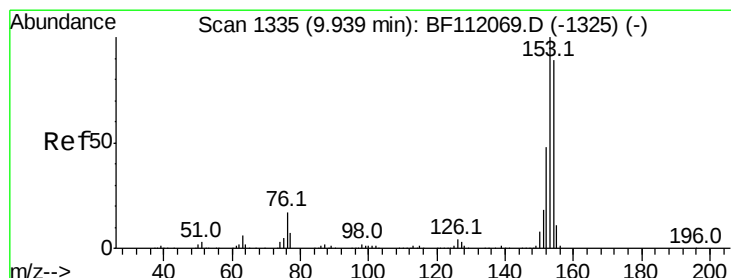
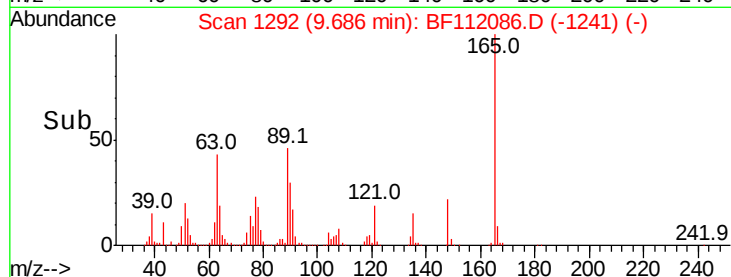
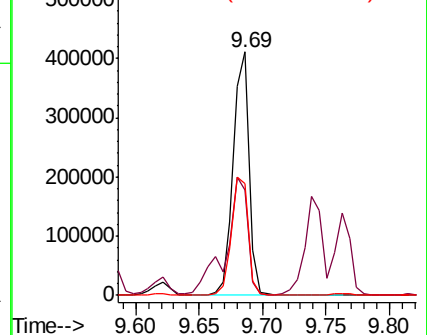
89 45.8 36.9 55.3



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 41.462 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.00 min

Lab File: BF112086.D

Acq: 17 Jan 2019 13:49

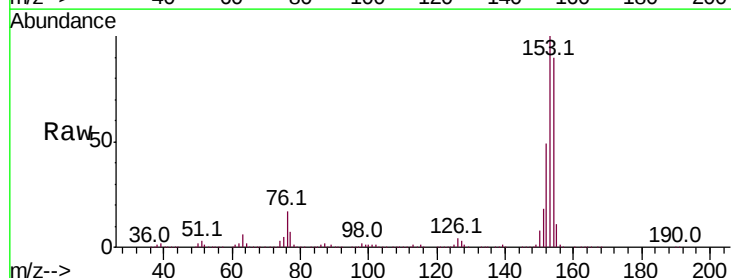
Tgt Ion:154 Resp: 1236343

Ion Ratio Lower Upper

154 100

153 110.6 89.8 134.6

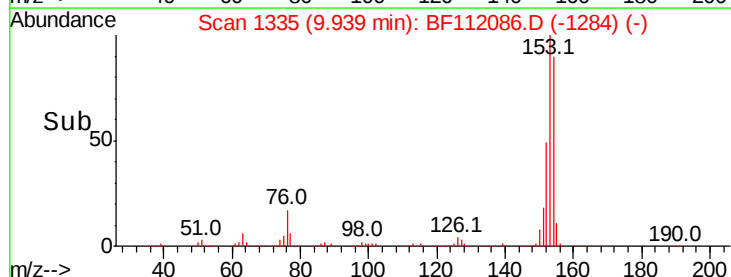
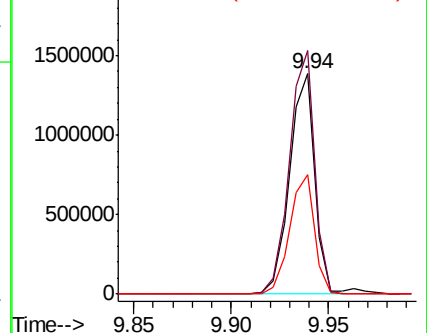
152 54.2 43.5 65.3

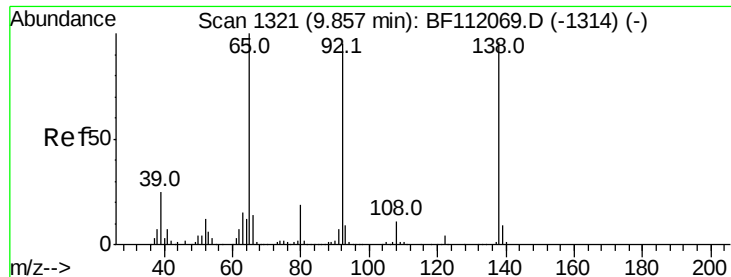


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 32.933 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF112086.D

Acq: 17 Jan 2019 13:49

Instrument :

BNA_F

ClientSampleId :

JDHS-SOUTH-1MS

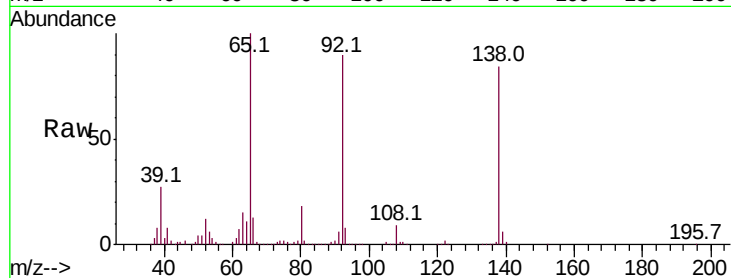
Tot Ion:138 Resp: 273677

Ion Ratio Lower Upper

138 100

108 10.5 9.8 14.6

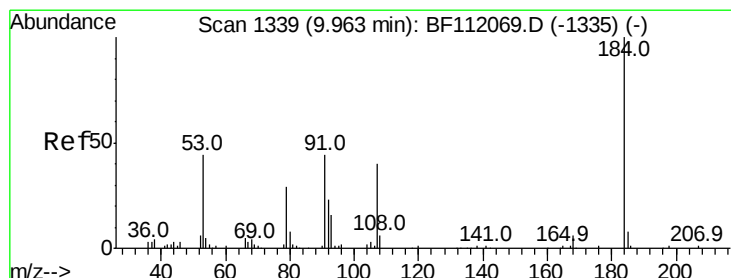
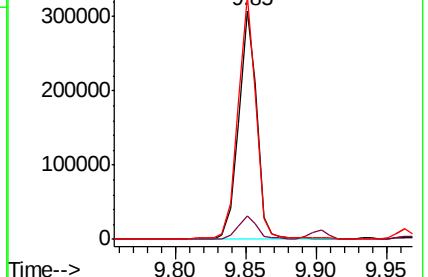
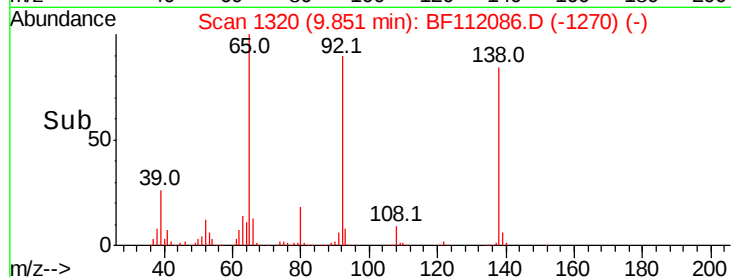
92 106.7 79.4 119.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 35.649 ng

RT: 9.96 min Scan# 1339

Delta R.T. 0.00 min

Lab File: BF112086.D

Acq: 17 Jan 2019 13:49

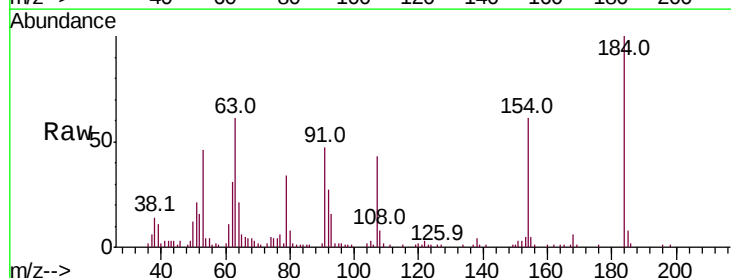
Tgt Ion:184 Resp: 53082

Ion Ratio Lower Upper

184 100

63 61.1 47.1 70.7

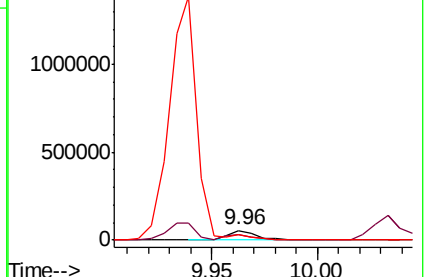
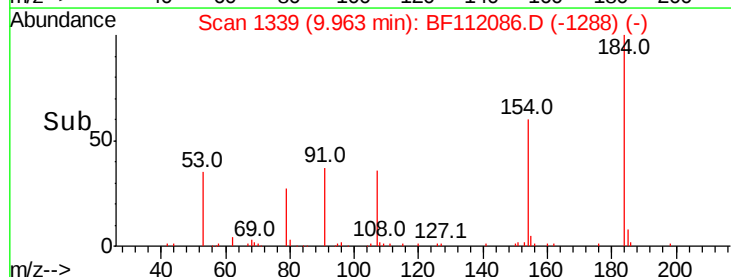
154 61.0 48.9 73.3

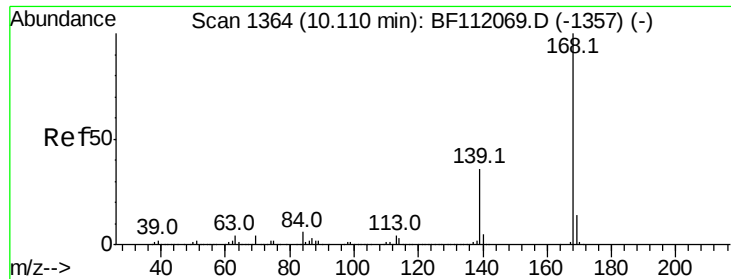


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

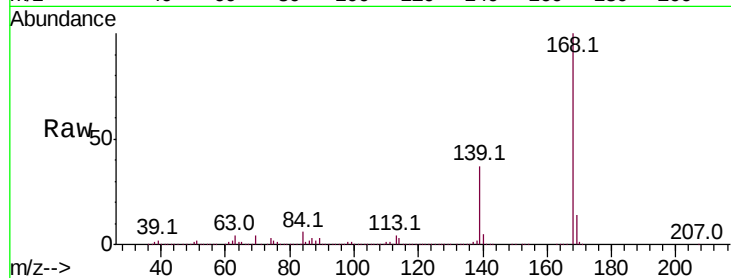




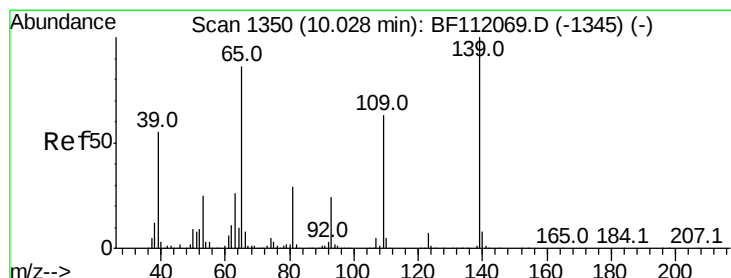
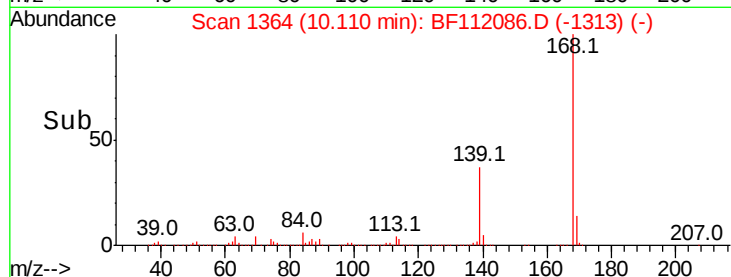
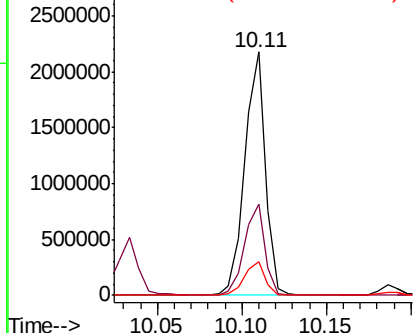
#55
Dibenzofuran
Concen: 41.262 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF112086.D
Acq: 17 Jan 2019 13:49

Instrument :
BNA_F
ClientSampleId :
JDHS-SOUTH-1MS

Tot Ion:168 Resp: 1860692
Ion Ratio Lower Upper
168 100
139 37.3 29.2 43.8
169 14.0 11.4 17.0

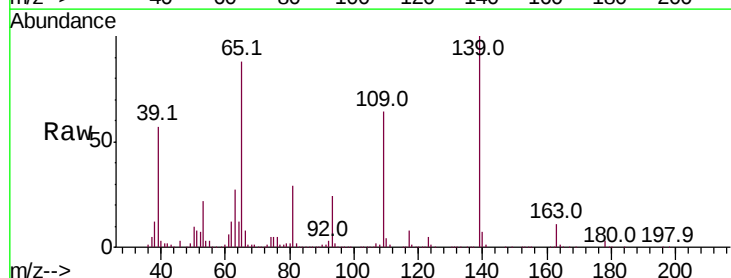


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

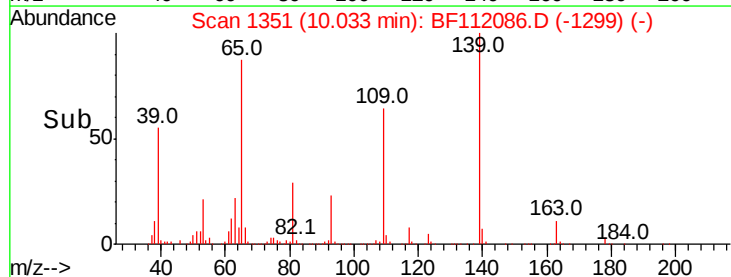
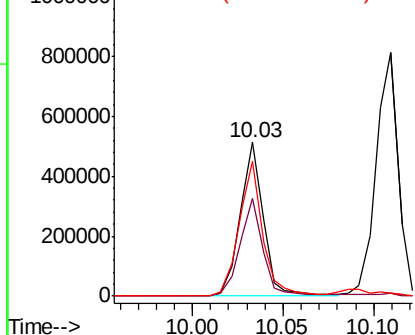


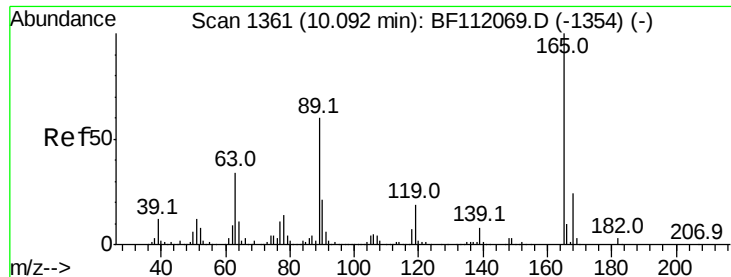
#56
4-Nitrophenol
Concen: 76.950 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF112086.D
Acq: 17 Jan 2019 13:49

Tgt Ion:139 Resp: 455663
Ion Ratio Lower Upper
139 100
109 63.6 42.8 82.8
65 87.8 66.1 106.1



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

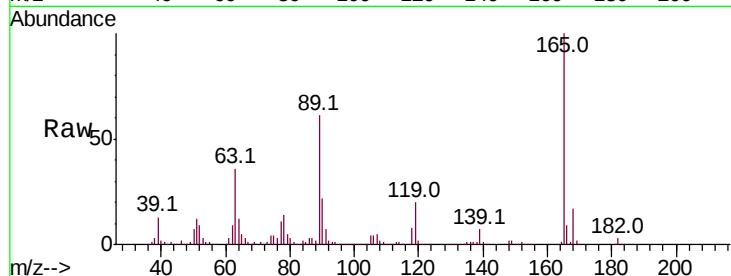




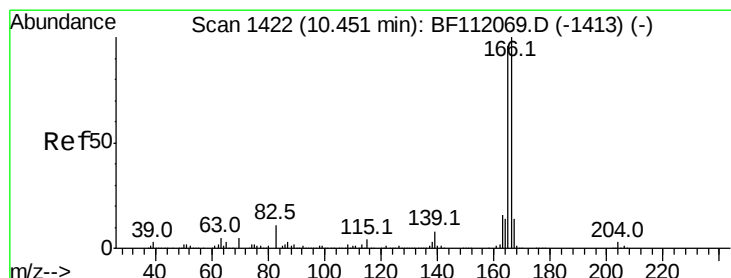
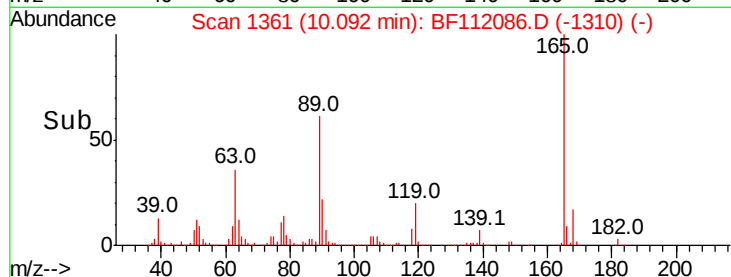
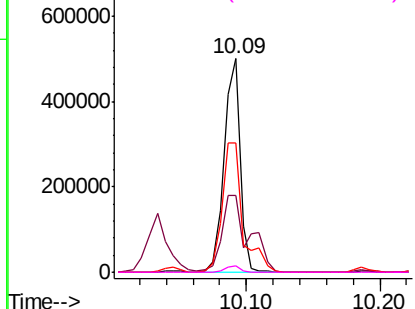
#57
2,4-Dinitrotoluene
Concen: 45.227 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.00 min
Lab File: BF112086.D
Acq: 17 Jan 2019 13:49

Instrument :
BNA_F
ClientSampleId :
JDHS-SOUTH-1MS

Tot Ion:165 Resp: 428651
Ion Ratio Lower Upper
165 100
63 35.9 27.9 41.9
89 60.7 47.9 71.9
182 2.8 2.2 3.4

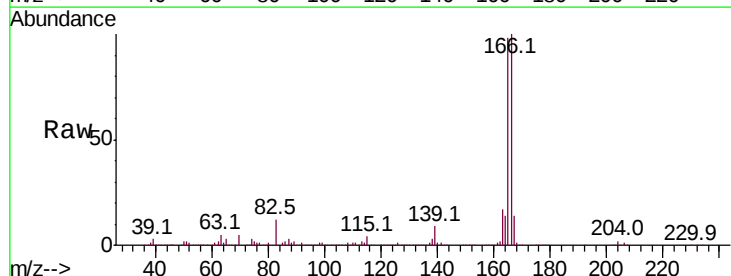


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

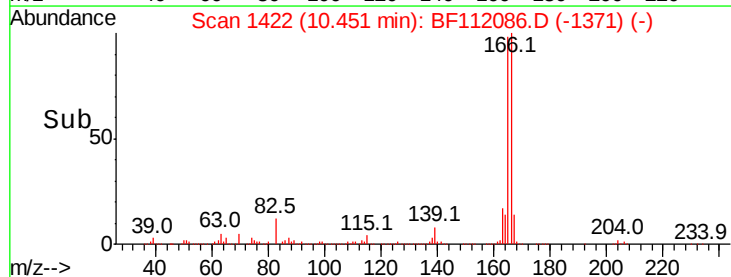
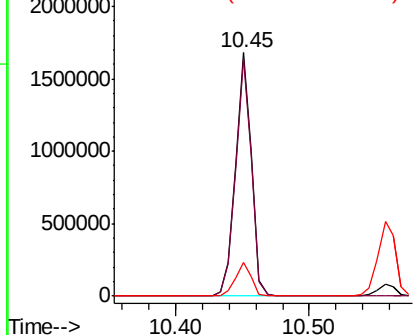


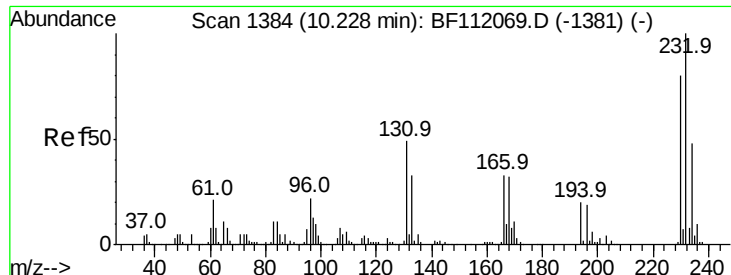
#58
Fluorene
Concen: 41.848 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.00 min
Lab File: BF112086.D
Acq: 17 Jan 2019 13:49

Tgt Ion:166 Resp: 1409974
Ion Ratio Lower Upper
166 100
165 97.6 77.1 115.7
167 14.1 11.3 16.9



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

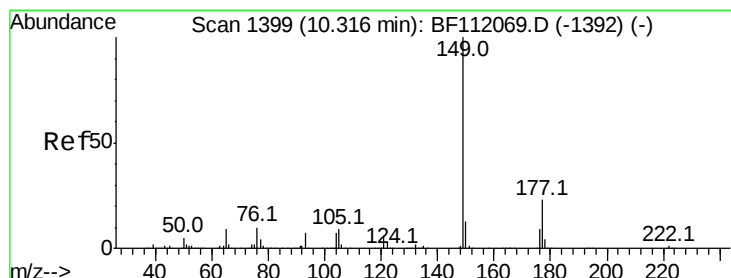
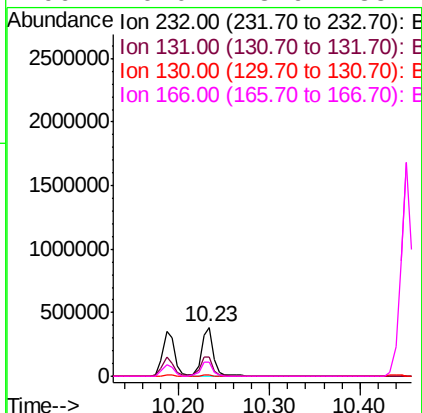
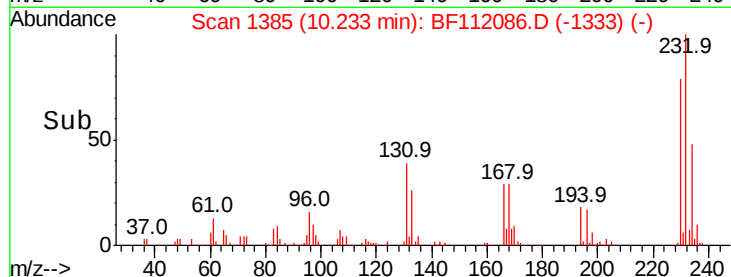
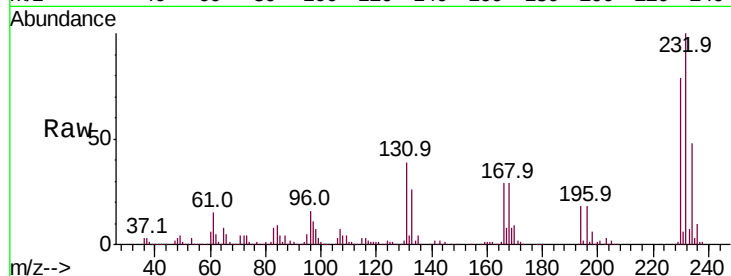




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.203 ng
 RT: 10.23 min Scan# 1385
 Delta R.T. 0.01 min
 Lab File: BF112086.D
 Acq: 17 Jan 2019 13:49

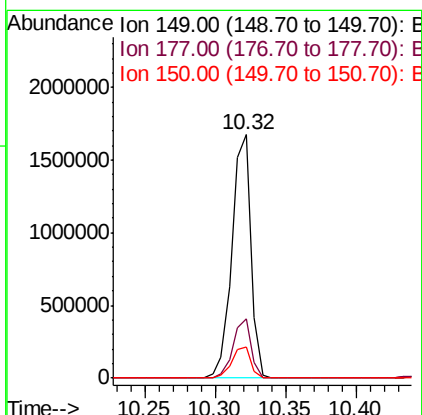
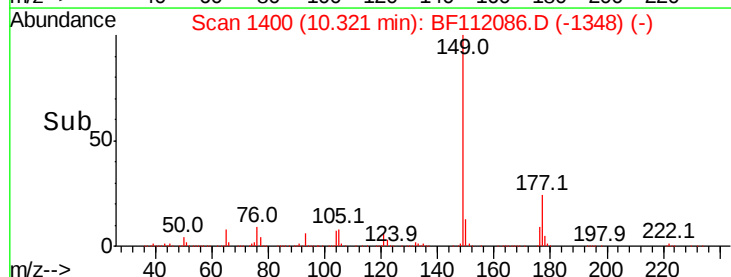
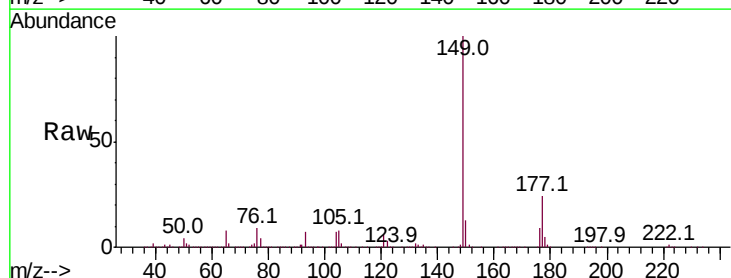
Instrument :
 BNA_F
 ClientSampleId :
 JDHS-SOUTH-1MS

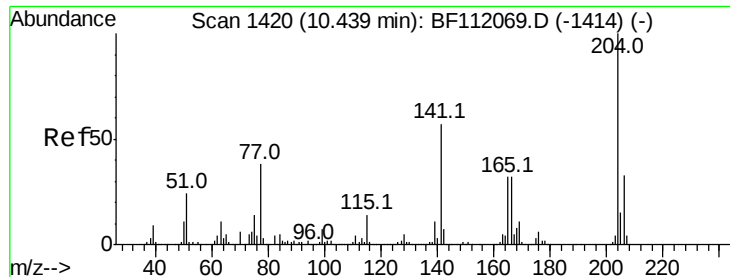
Tot Ion:232 Resp: 363974
 Ion Ratio Lower Upper
 232 100
 131 41.7 33.9 50.9
 130 2.3 1.8 2.6
 166 29.0 23.6 35.4



#60
 Diethylphthalate
 Concen: 43.235 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. 0.01 min
 Lab File: BF112086.D
 Acq: 17 Jan 2019 13:49

Tgt Ion:149 Resp: 1570458
 Ion Ratio Lower Upper
 149 100
 177 24.5 18.2 27.2
 150 12.7 10.4 15.6

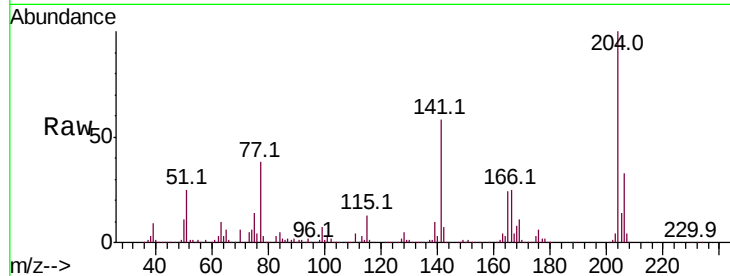




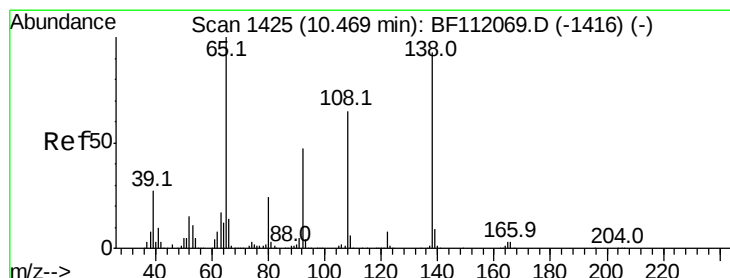
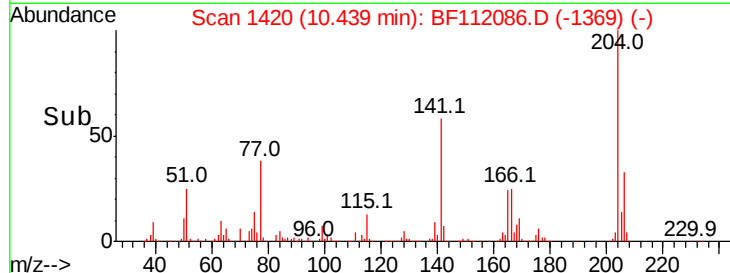
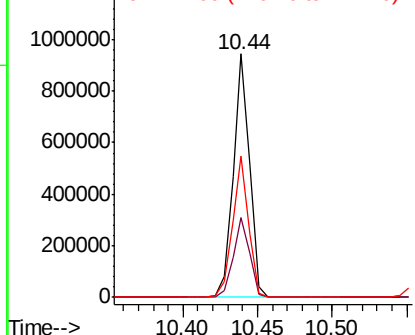
#61
4-Chlorophenyl-phenylether
Concen: 40.070 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.00 min
Lab File: BF112086.D
Acq: 17 Jan 2019 13:49

Instrument :
BNA_F
ClientSampleId :
JDHS-SOUTH-1MS

Tot Ion:204 Resp: 728505
Ion Ratio Lower Upper
204 100
206 32.5 26.5 39.7
141 57.9 45.9 68.9

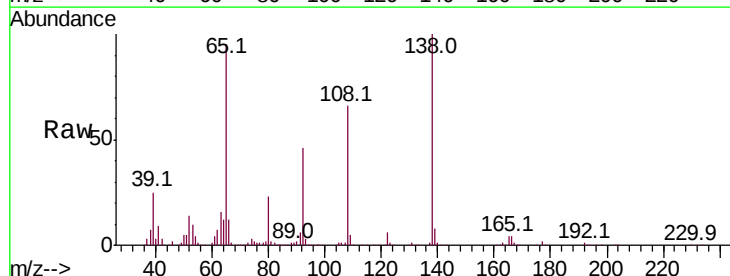


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

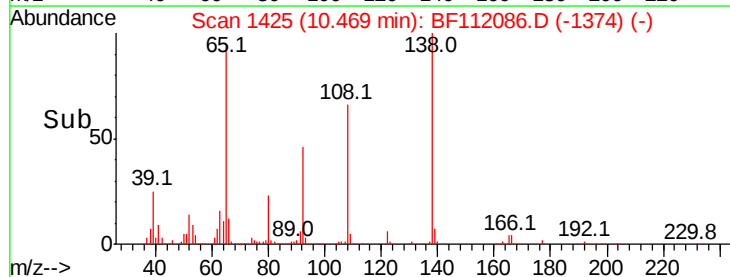
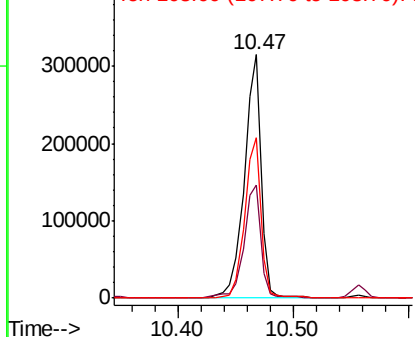


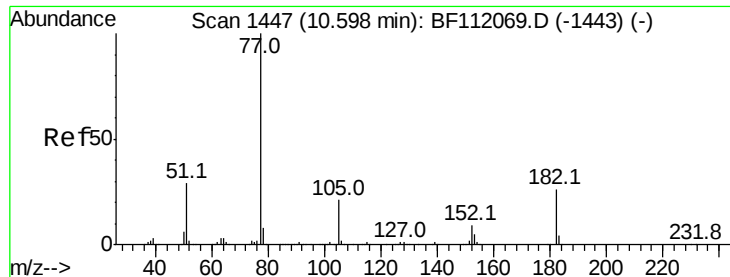
#62
4-Nitroaniline
Concen: 38.517 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.00 min
Lab File: BF112086.D
Acq: 17 Jan 2019 13:49

Tgt Ion:138 Resp: 317839
Ion Ratio Lower Upper
138 100
92 46.2 30.6 70.6
108 65.7 50.0 90.0



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

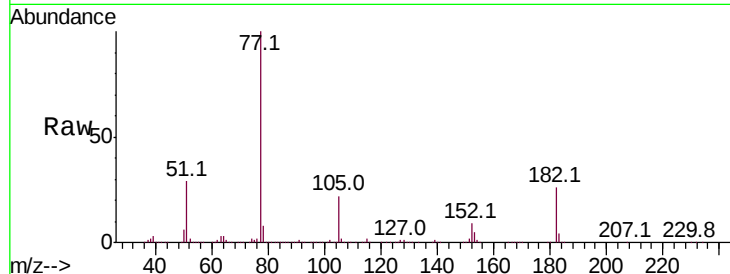




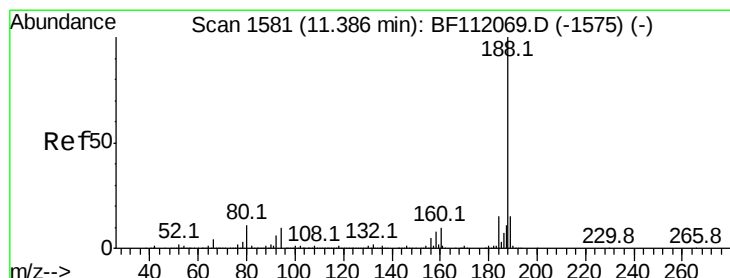
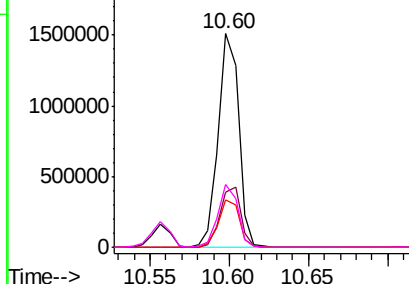
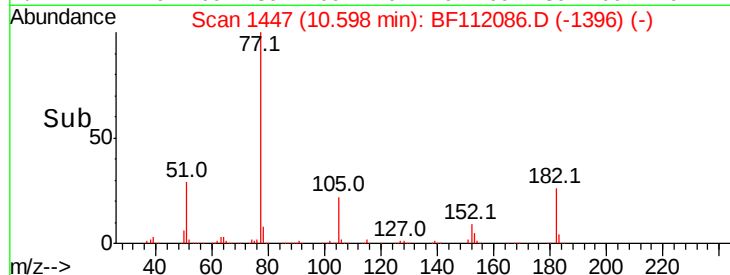
#63
Azobenzene
Concen: 38.895 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.00 min
Lab File: BF112086.D
Acq: 17 Jan 2019 13:49

Instrument :
BNA_F
ClientSampleId :
JDHS-SOUTH-1MS

Tot Ion: 77 Resp: 1352961
Ion Ratio Lower Upper
77 100
182 26.1 5.7 45.7
105 22.2 1.4 41.4
51 29.4 9.5 49.5

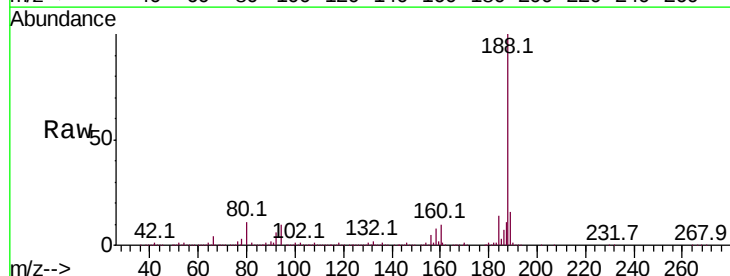


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

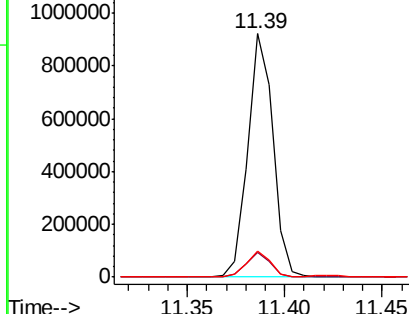
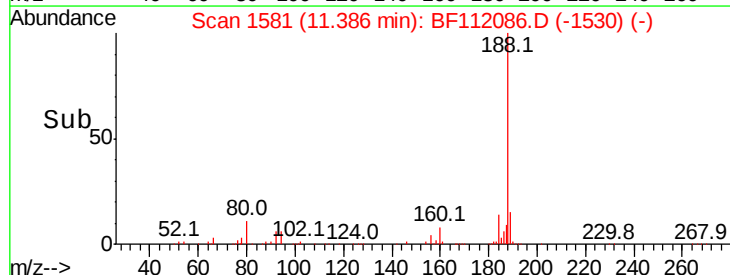


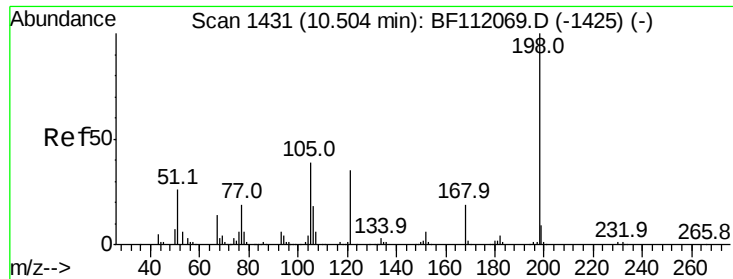
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.00 min
Lab File: BF112086.D
Acq: 17 Jan 2019 13:49

Tgt Ion: 188 Resp: 824269
Ion Ratio Lower Upper
188 100
94 10.0 8.2 12.2
80 11.0 8.9 13.3



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

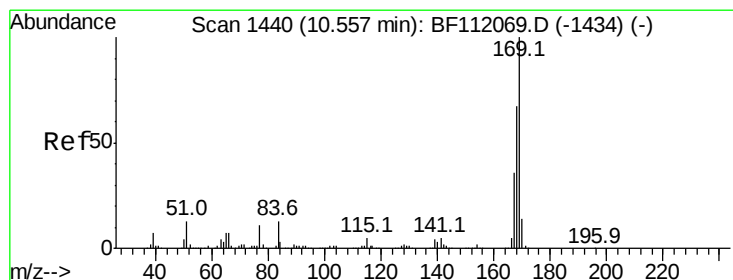
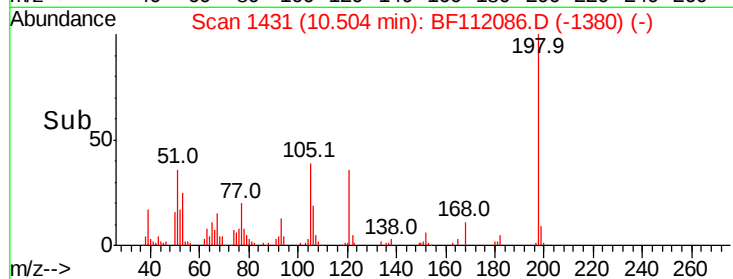
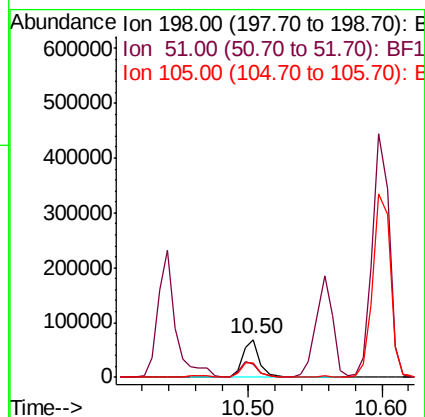
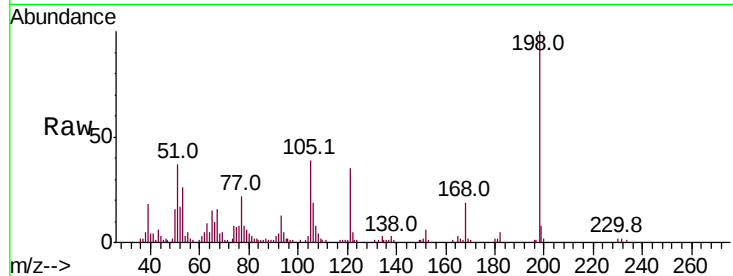




#65
 4,6-Dinitro-2-methylphenol
 Concen: 23.968 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.00 min
 Lab File: BF112086.D
 Acq: 17 Jan 2019 13:49

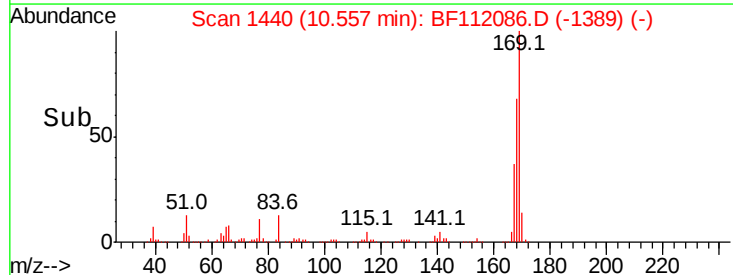
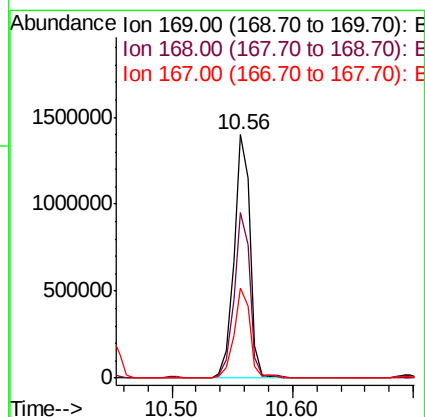
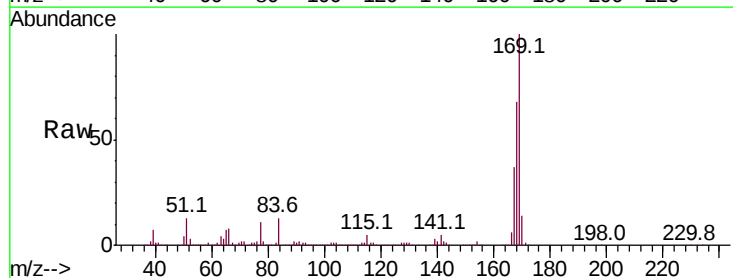
Instrument :
 BNA_F
 ClientSampleId :
 JDHS-SOUTH-1MS

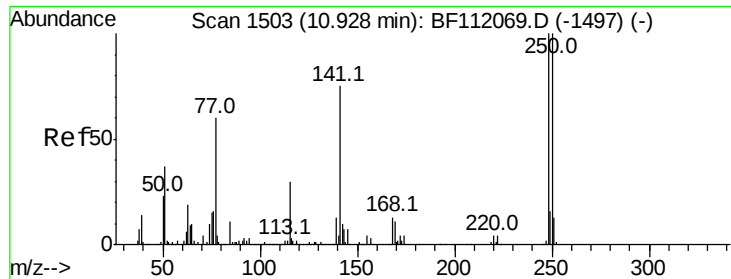
Tot Ion:198 Resp: 60464
 Ion Ratio Lower Upper
 198 100
 51 36.7 17.2 57.2
 105 38.7 21.9 61.9



#66
 n-Nitrosodiphenylamine
 Concen: 47.166 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: BF112086.D
 Acq: 17 Jan 2019 13:49

Tgt Ion:169 Resp: 1285244
 Ion Ratio Lower Upper
 169 100
 168 68.0 53.9 80.9
 167 36.9 28.9 43.3

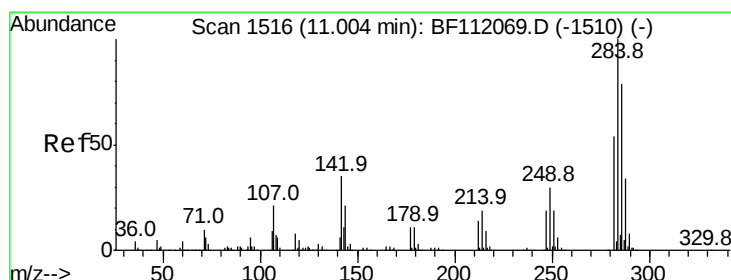
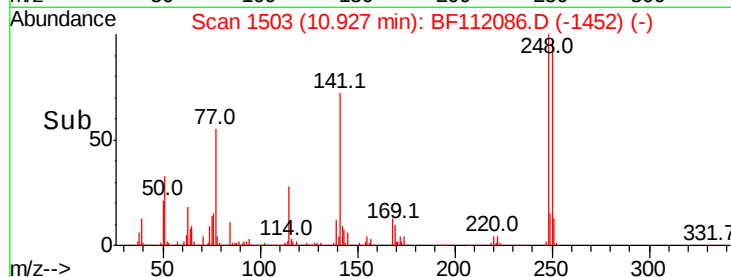
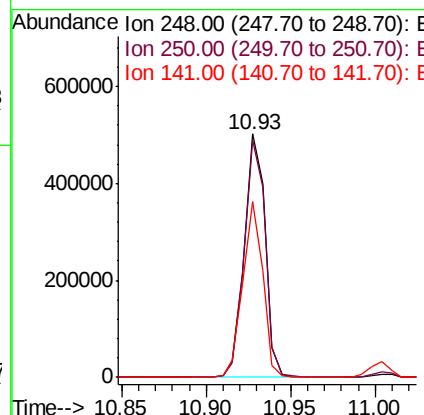
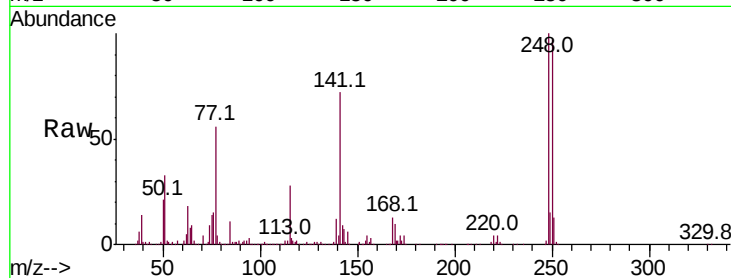




#67
4-Bromophenyl-phenylether
Concen: 45.013 ng
RT: 10.93 min Scan# 1503
Delta R.T. -0.00 min
Lab File: BF112086.D
Acq: 17 Jan 2019 13:49

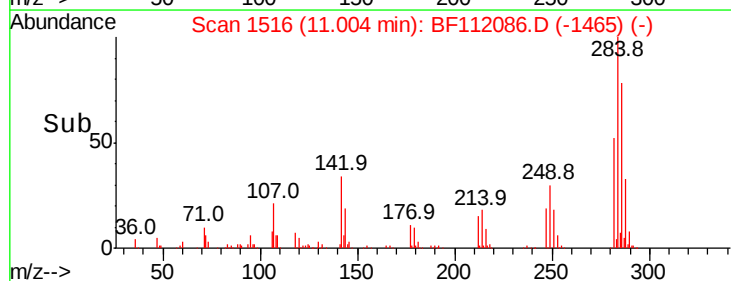
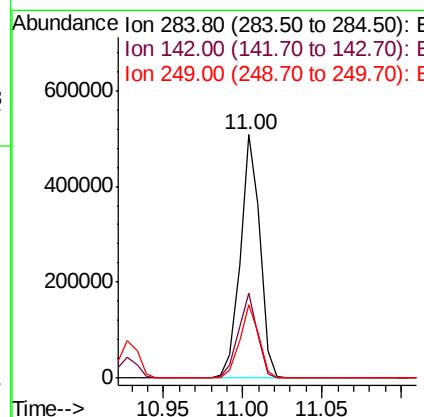
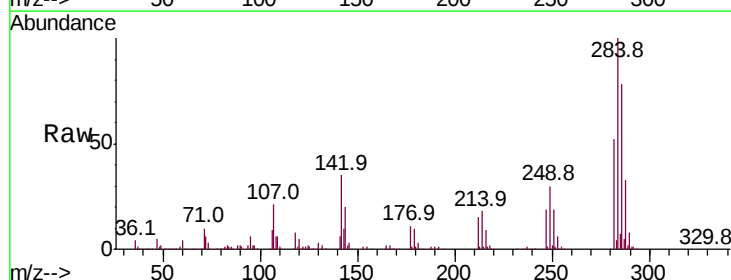
Instrument :
BNA_F
ClientSampleId :
JDHS-SOUTH-1MS

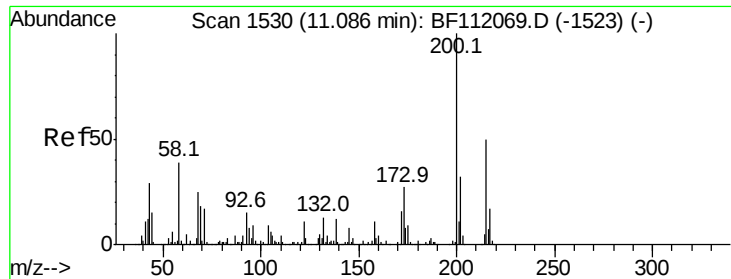
Tot Ion:248 Resp: 430963
Ion Ratio Lower Upper
248 100
250 97.4 79.7 119.5
141 72.4 60.3 90.5



#68
Hexachlorobenzene
Concen: 42.016 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.00 min
Lab File: BF112086.D
Acq: 17 Jan 2019 13:49

Tgt Ion:284 Resp: 433335
Ion Ratio Lower Upper
284 100
142 34.7 27.6 41.4
249 30.3 24.1 36.1

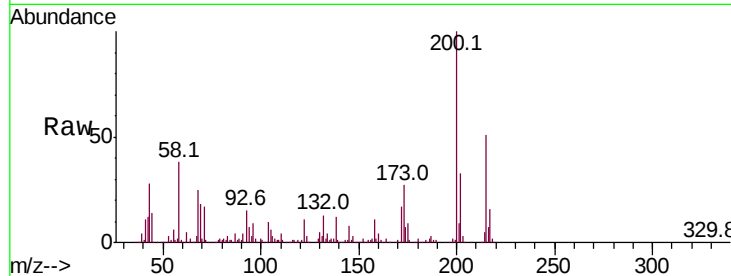




#69
Atrazine
Concen: 45.295 ng
RT: 11.09 min Scan# 1530
Delta R.T. -0.00 min
Lab File: BF112086.D
Acq: 17 Jan 2019 13:49

Instrument :
BNA_F
ClientSampleId :
JDHS-SOUTH-1MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.3	7.1	47.1
215	51.0	30.4	70.4

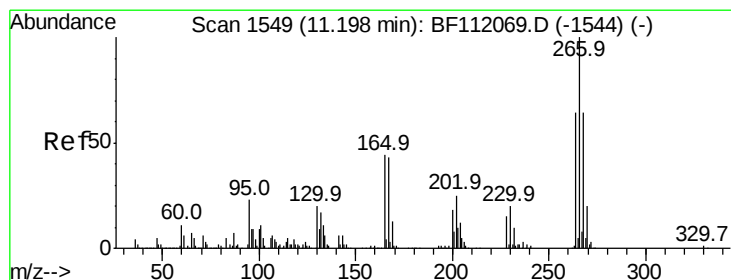
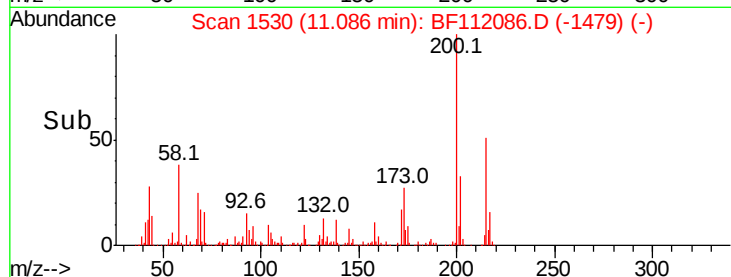
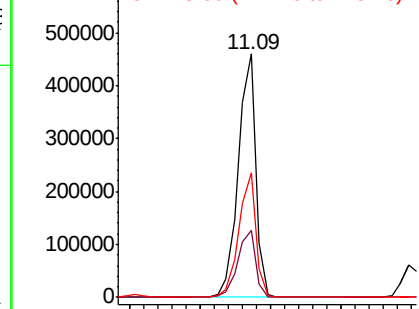


Abundance

Ion 200.00 (199.70 to 200.70): E

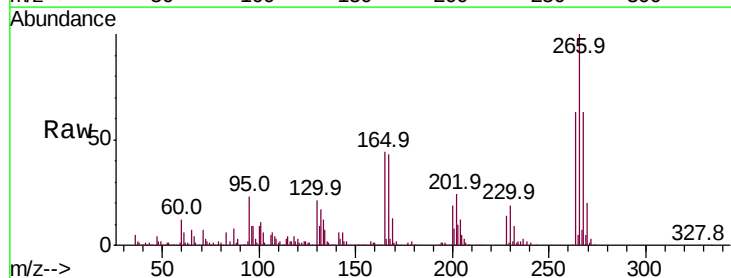
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 73.754 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.00 min
Lab File: BF112086.D
Acq: 17 Jan 2019 13:49

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.8	51.2	76.8
264	63.3	50.9	76.3

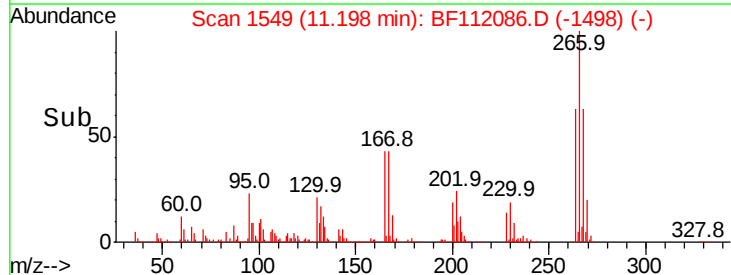
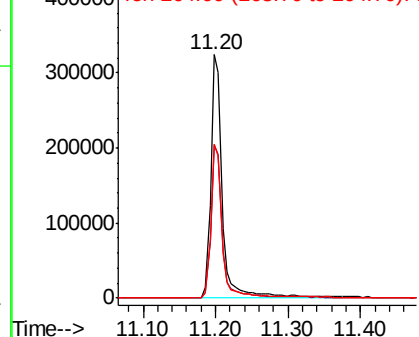


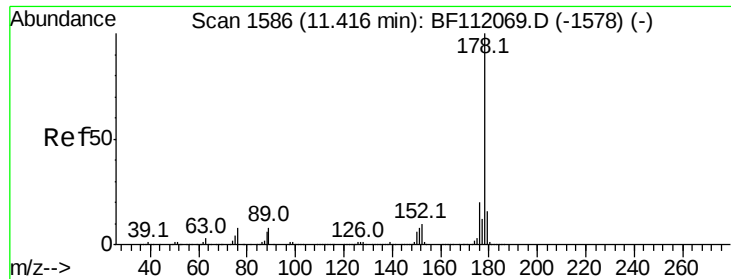
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

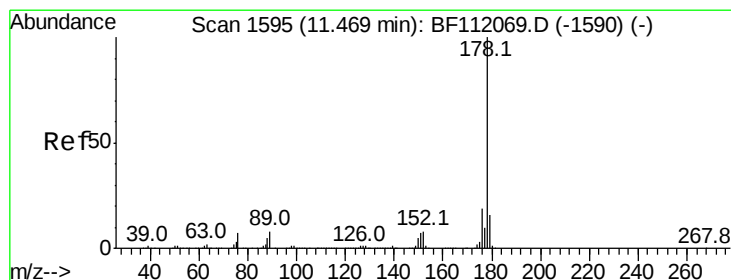
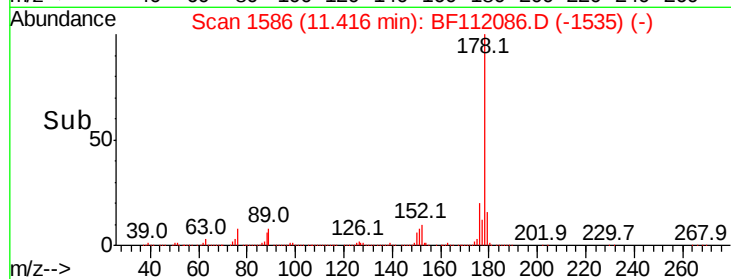
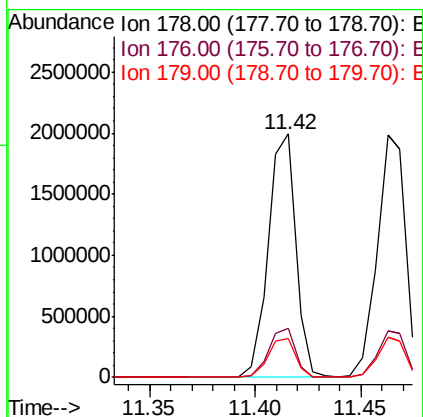
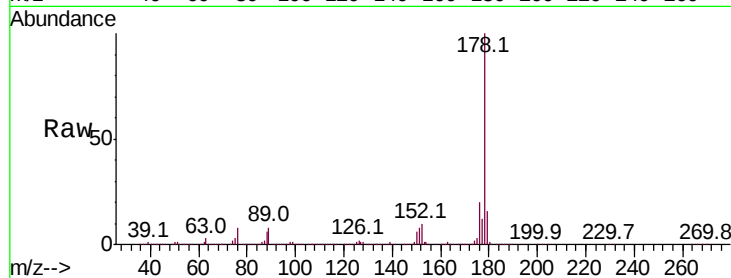




#71
Phenanthrene
Concen: 43.781 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF112086.D
Acq: 17 Jan 2019 13:49

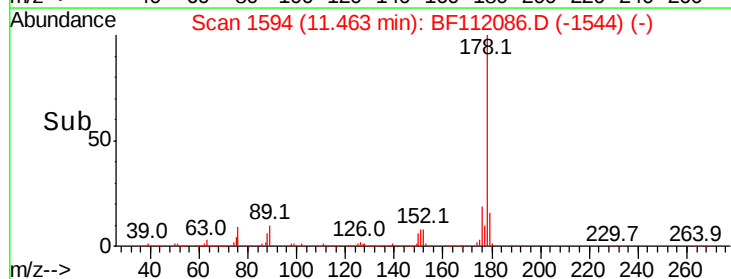
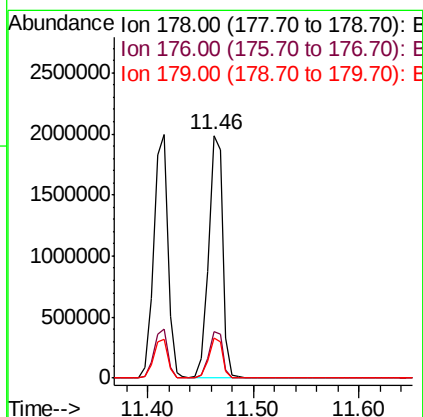
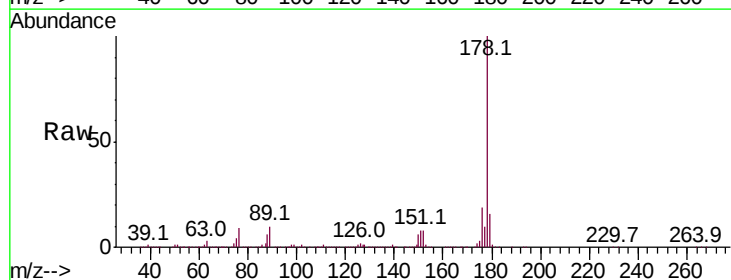
Instrument :
BNA_F
ClientSampleId :
JDHS-SOUTH-1MS

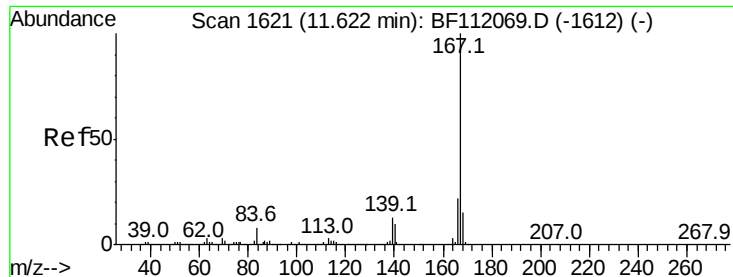
Tot Ion:178 Resp: 1816124
Ion Ratio Lower Upper
178 100
176 20.2 16.3 24.5
179 16.2 13.0 19.4



#72
Anthracene
Concen: 44.541 ng
RT: 11.46 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BF112086.D
Acq: 17 Jan 2019 13:49

Tgt Ion:178 Resp: 1871655
Ion Ratio Lower Upper
178 100
176 19.3 15.5 23.3
179 16.4 12.8 19.2





#73

Carbazole

Concen: 39.311 ng

RT: 11.62 min Scan# 1620

Delta R.T. -0.01 min

Lab File: BF112086.D

Acq: 17 Jan 2019 13:49

Instrument :

BNA_F

ClientSampleId :

JDHS-SOUTH-1MS

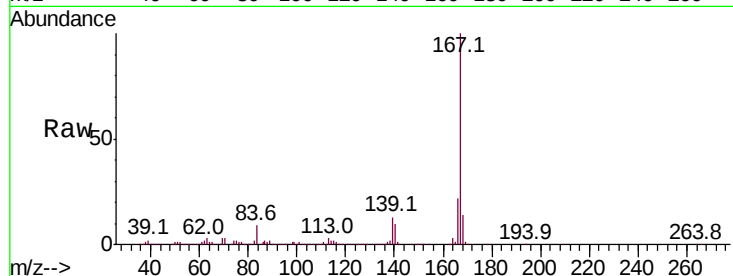
Tot Ion:167 Resp: 1654786

Ion Ratio Lower Upper

167 100

166 22.2 17.9 26.9

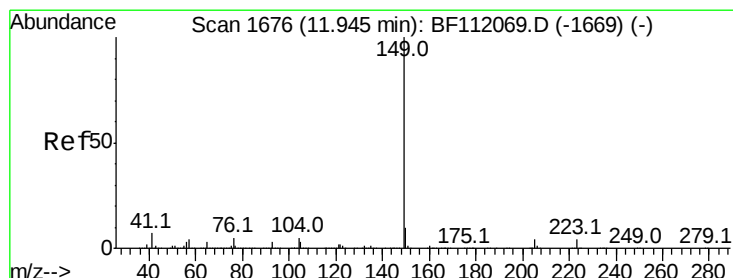
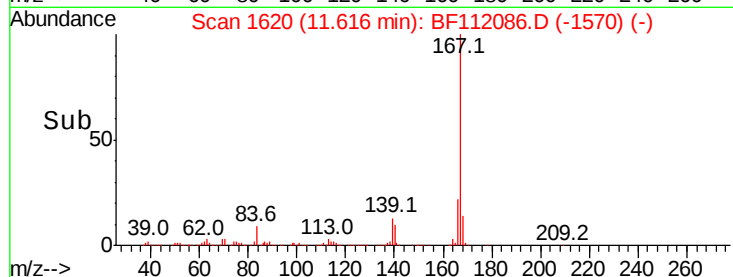
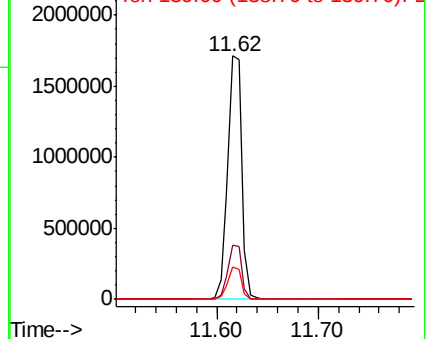
139 13.1 10.2 15.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 44.936 ng

RT: 11.94 min Scan# 1676

Delta R.T. -0.00 min

Lab File: BF112086.D

Acq: 17 Jan 2019 13:49

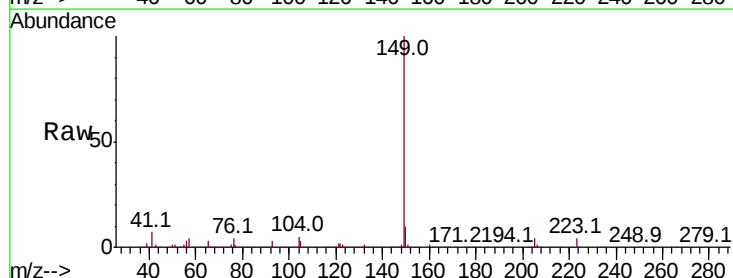
Tgt Ion:149 Resp: 2127763

Ion Ratio Lower Upper

149 100

150 9.9 8.1 12.1

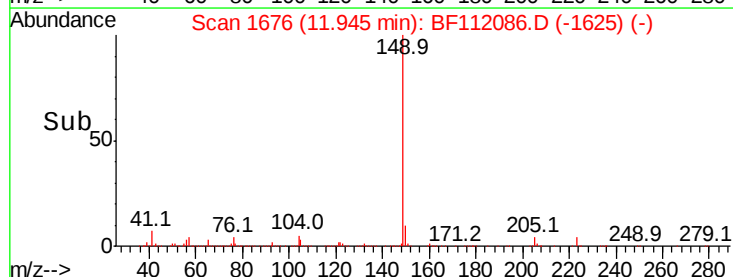
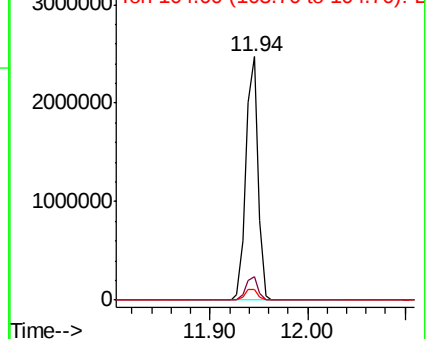
104 4.6 3.9 5.9

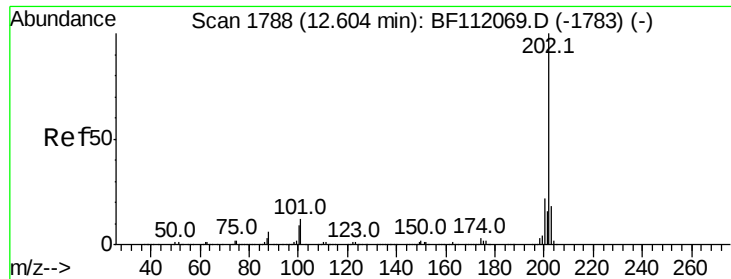


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 40.600 ng

RT: 12.60 min Scan# 1788

Delta R.T. -0.00 min

Lab File: BF112086.D

Acq: 17 Jan 2019 13:49

Instrument :

BNA_F

ClientSampleId :

JDHS-SOUTH-1MS

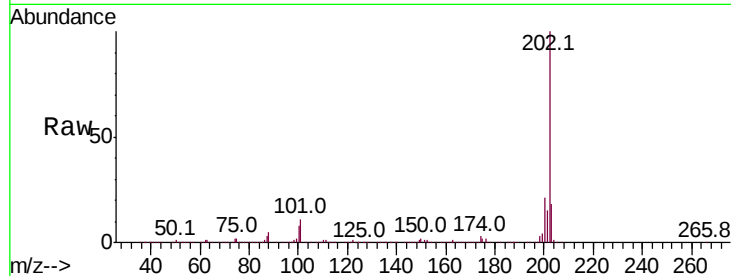
Tot Ion:202 Resp: 1778213

Ion Ratio Lower Upper

202 100

101 11.0 0.0 31.8

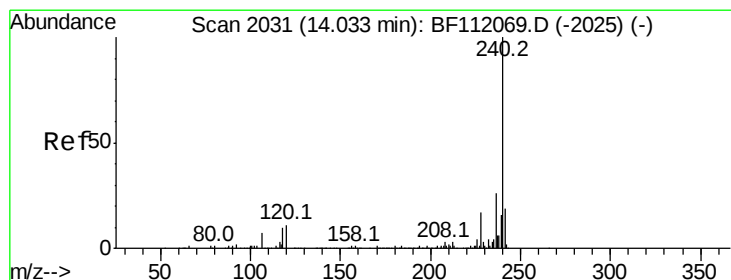
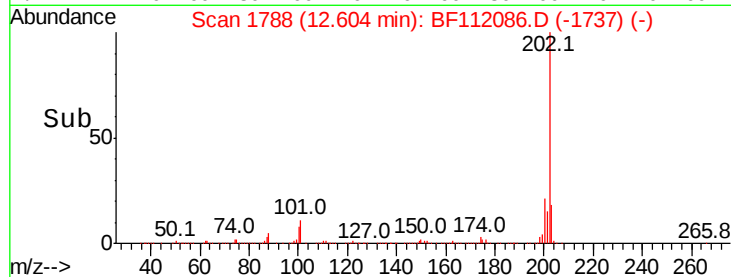
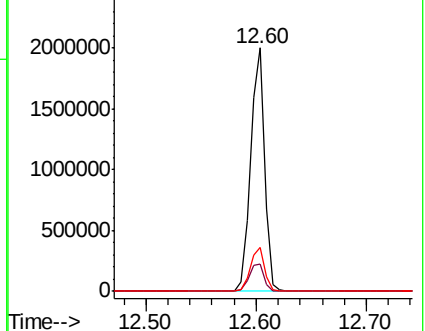
203 17.9 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.00 min

Lab File: BF112086.D

Acq: 17 Jan 2019 13:49

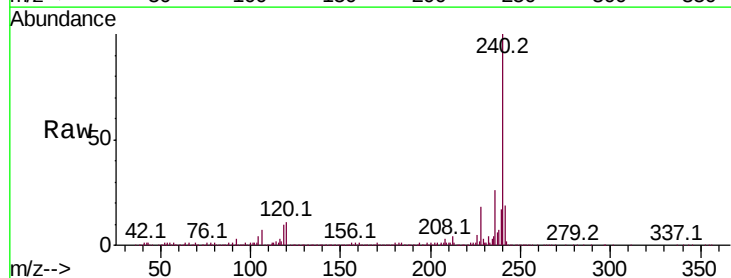
Tgt Ion:240 Resp: 651330

Ion Ratio Lower Upper

240 100

120 10.6 9.0 13.6

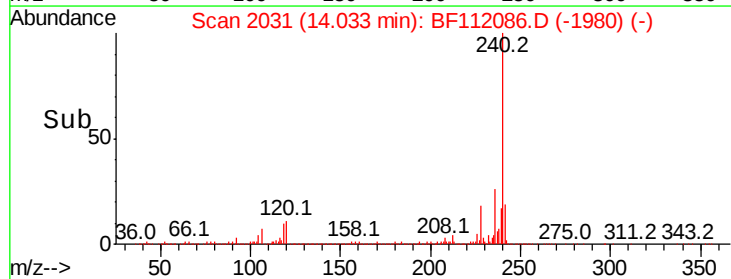
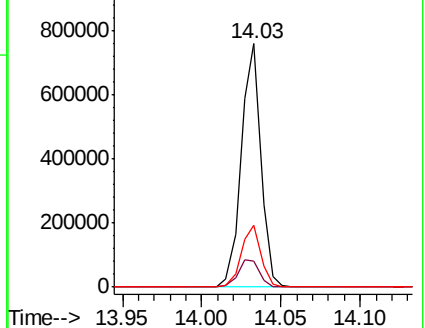
236 25.6 20.7 31.1

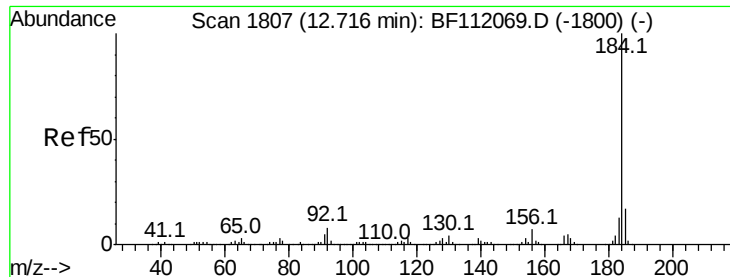


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 32.236 ng

RT: 12.72 min Scan# 1807

Delta R.T. 0.00 min

Lab File: BF112086.D

Acq: 17 Jan 2019 13:49

Instrument :

BNA_F

ClientSampleId :

JDHS-SOUTH-1MS

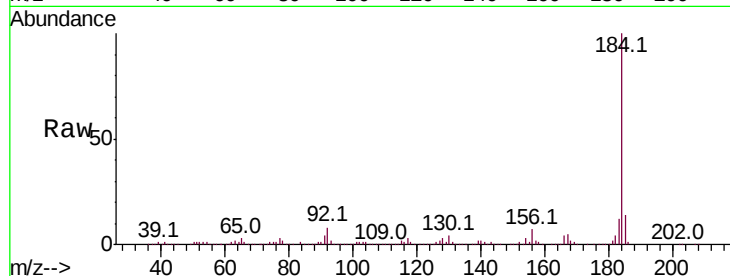
Tot Ion:184 Resp: 700550

Ion Ratio Lower Upper

184 100

185 14.3 13.9 20.9

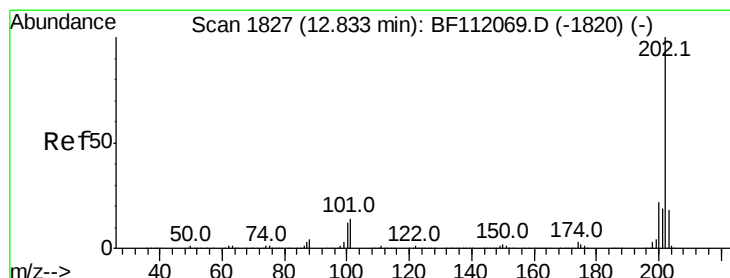
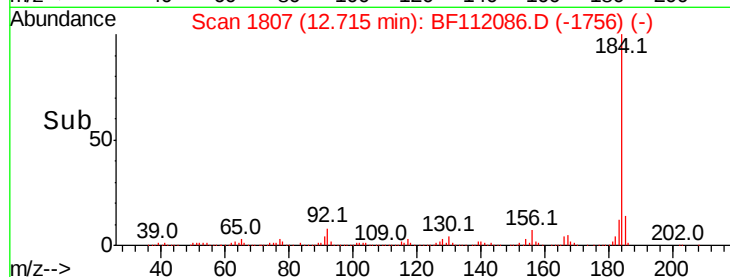
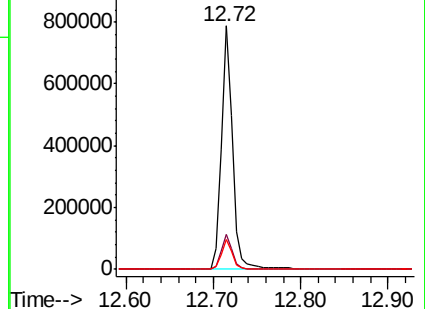
183 12.1 10.0 15.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.545 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BF112086.D

Acq: 17 Jan 2019 13:49

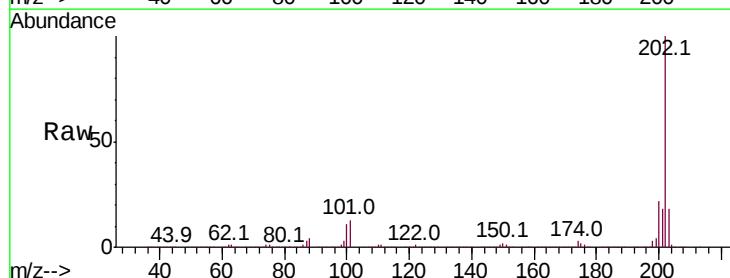
Tgt Ion:202 Resp: 1785297

Ion Ratio Lower Upper

202 100

200 22.0 17.7 26.5

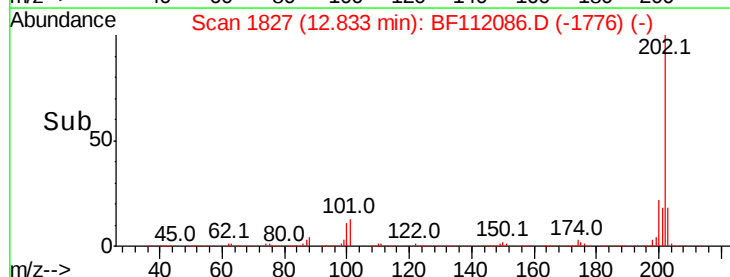
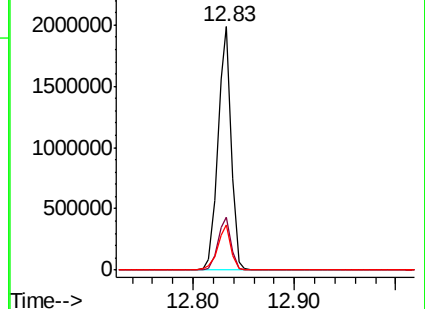
203 18.3 14.6 22.0

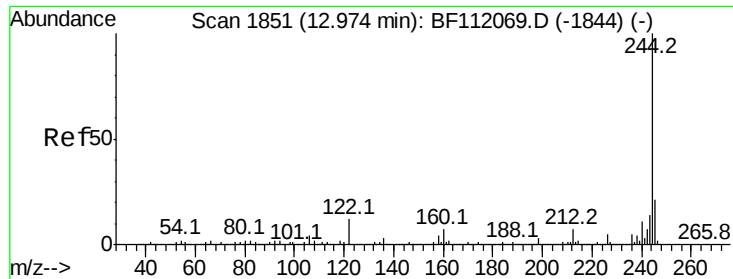


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 76.109 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BF112086.D

Acq: 17 Jan 2019 13:49

Instrument :

BNA_F

ClientSampleId :

JDHS-SOUTH-1MS

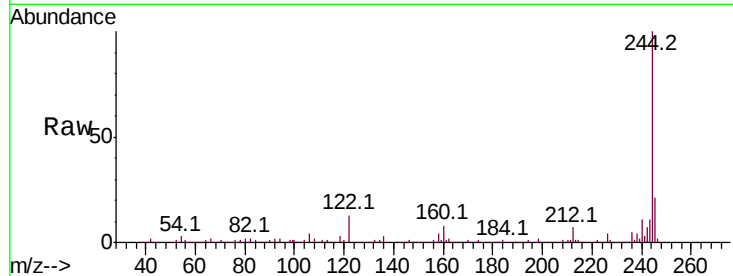
Tot Ion:244 Resp: 2330198

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

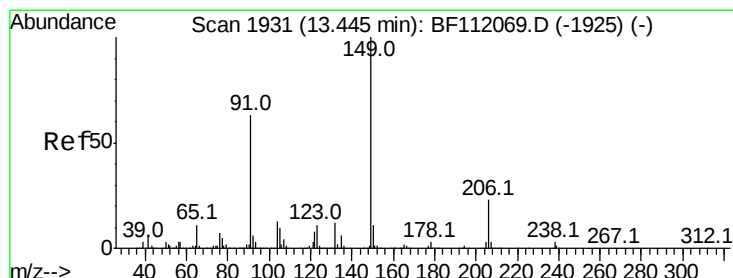
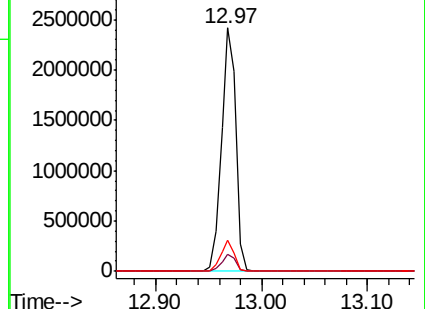
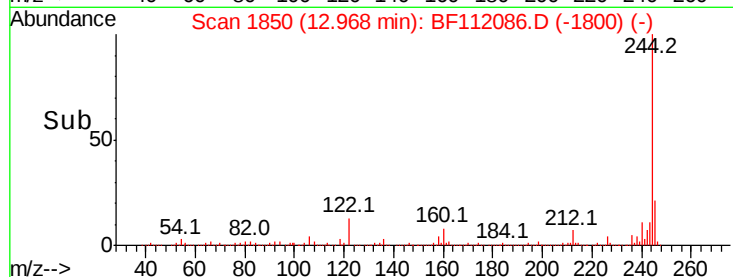
122 12.9 9.8 14.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.484 ng

RT: 13.44 min Scan# 1930

Delta R.T. -0.01 min

Lab File: BF112086.D

Acq: 17 Jan 2019 13:49

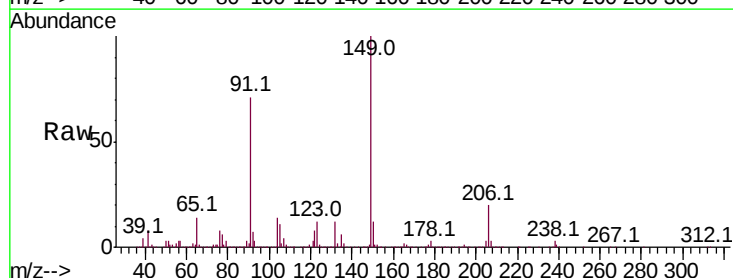
Tgt Ion:149 Resp: 838603

Ion Ratio Lower Upper

149 100

91 70.7 50.3 75.5

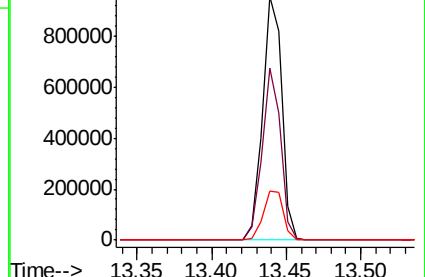
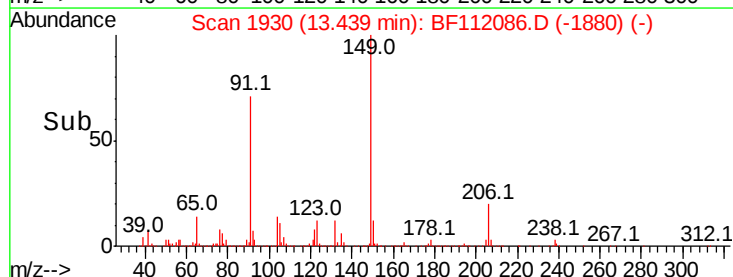
206 20.3 18.2 27.4

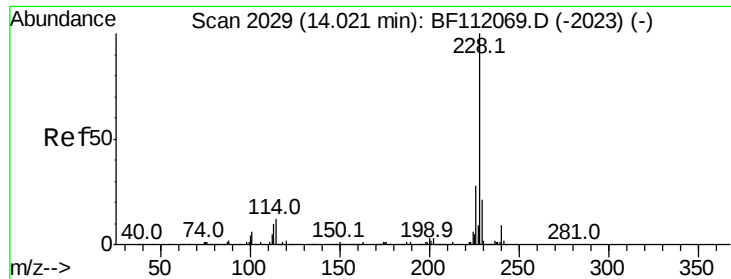


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.964 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.00 min

Lab File: BF112086.D

Acq: 17 Jan 2019 13:49

Instrument :

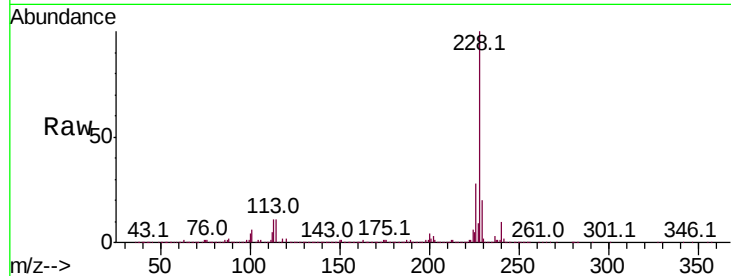
BNA_F

ClientSampleId :

JDHS-SOUTH-1MS

Tot Ion:228 Resp: 1641845

Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	34.0
229	20.2	16.5	24.7

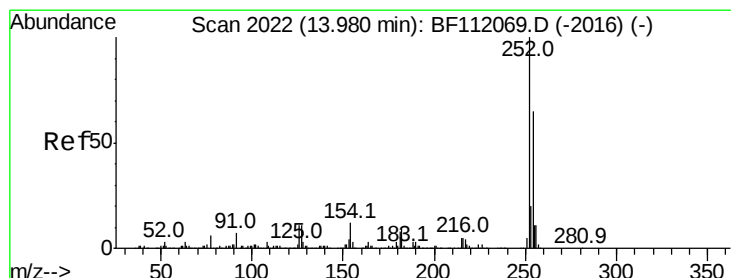
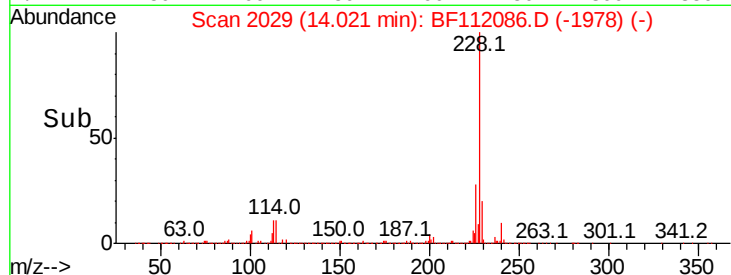
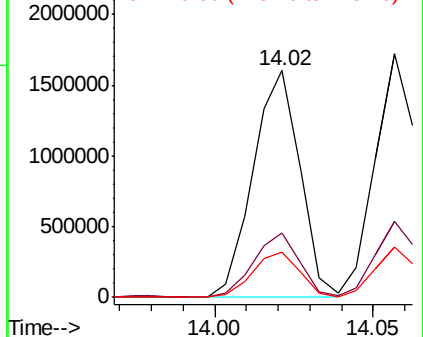


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 43.322 ng

RT: 13.98 min Scan# 2022

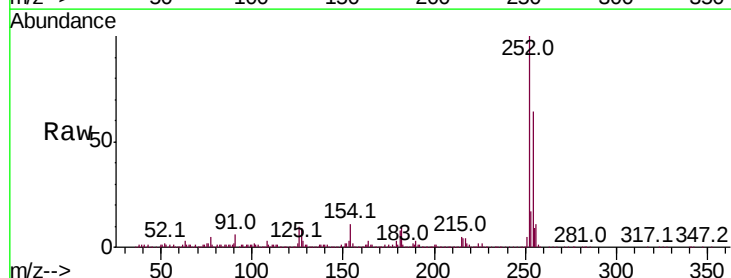
Delta R.T. -0.00 min

Lab File: BF112086.D

Acq: 17 Jan 2019 13:49

Tgt Ion:252 Resp: 605895

Ion	Ratio	Lower	Upper
252	100		
254	64.2	51.6	77.4
126	9.9	8.6	12.8

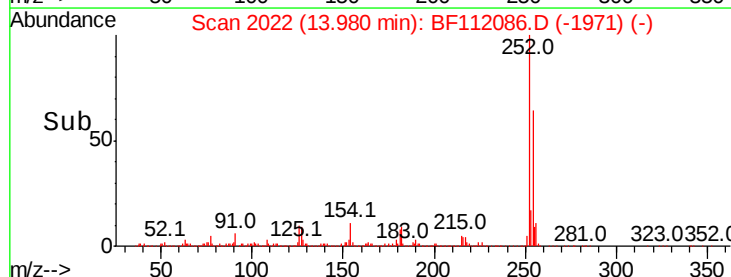
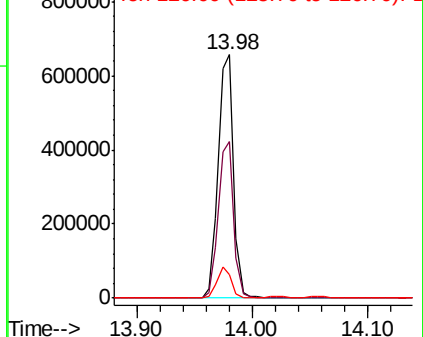


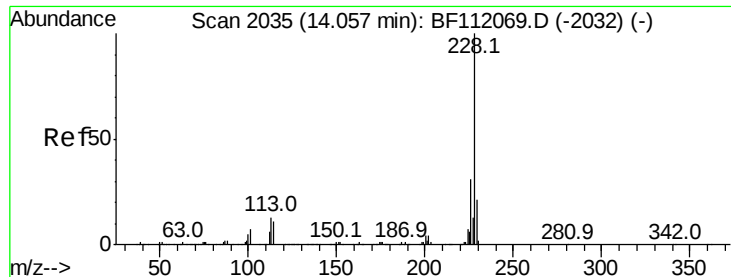
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 43.125 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BF112086.D

Acq: 17 Jan 2019 13:49

Instrument :

BNA_F

ClientSampleId :

JDHS-SOUTH-1MS

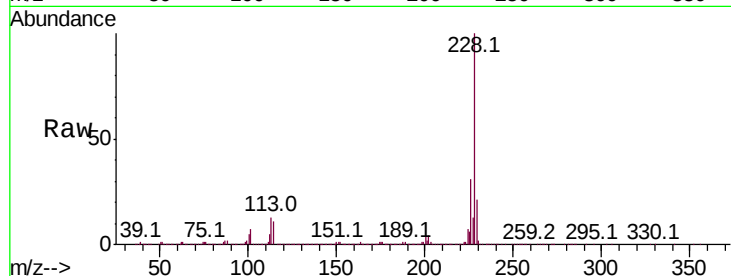
Tot Ion:228 Resp: 1523913

Ion Ratio Lower Upper

228 100

226 31.1 25.0 37.6

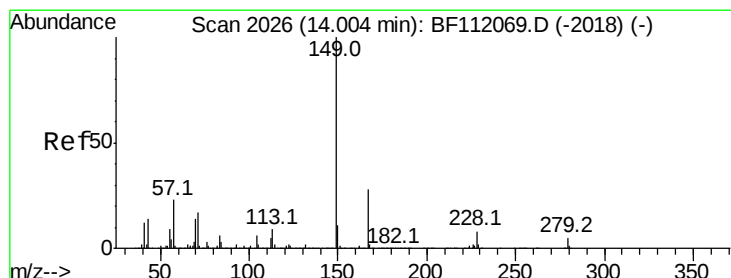
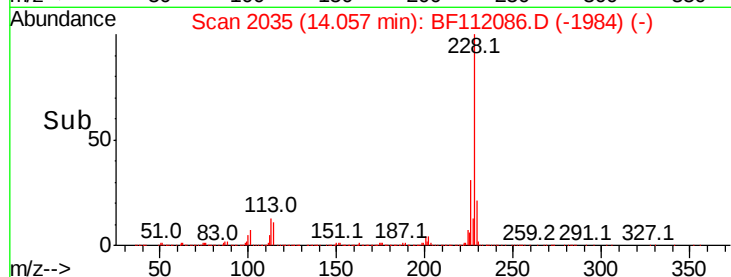
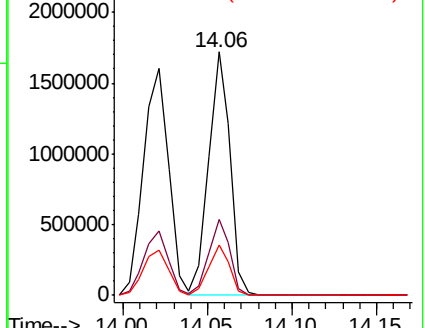
229 20.8 16.6 24.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.684 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.00 min

Lab File: BF112086.D

Acq: 17 Jan 2019 13:49

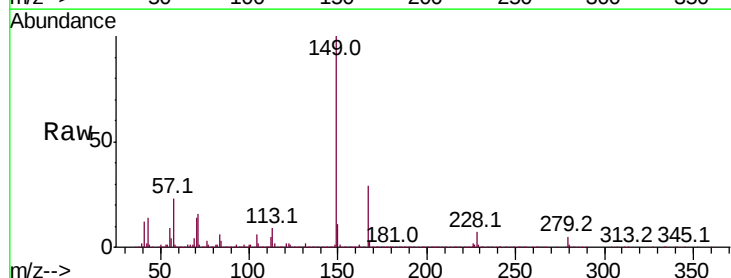
Tgt Ion:149 Resp: 1207272

Ion Ratio Lower Upper

149 100

167 29.0 22.5 33.7

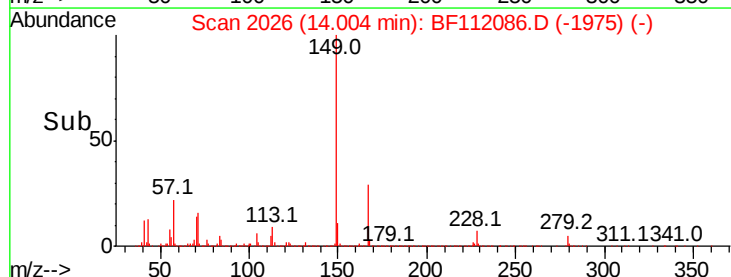
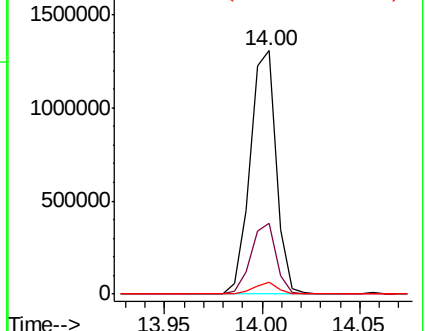
279 4.9 3.8 5.6

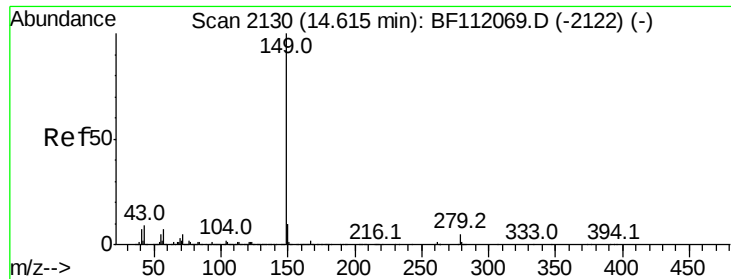


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

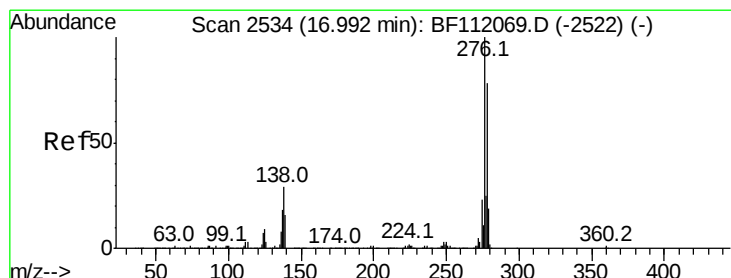
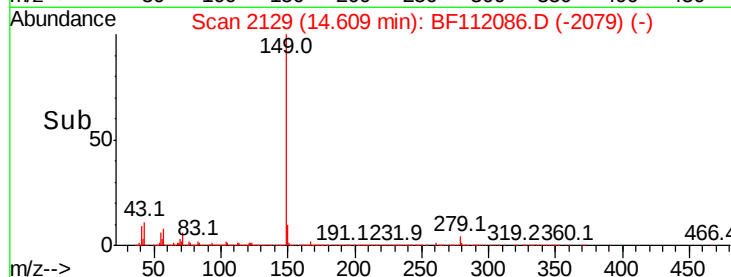
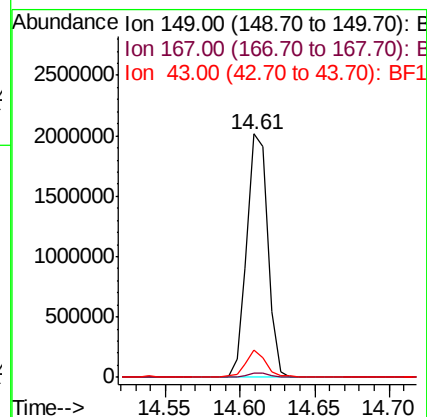
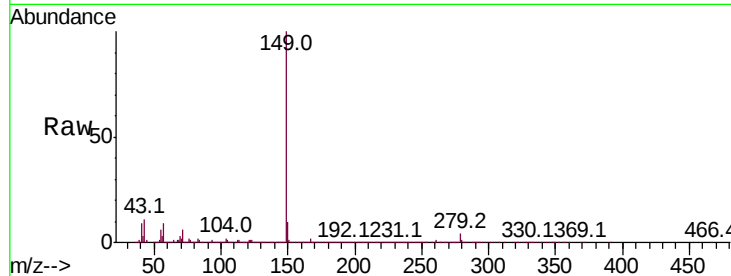




#85
Di-n-octyl phthalate
Concen: 47.547 ng
RT: 14.61 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BF112086.D
Acq: 17 Jan 2019 13:49

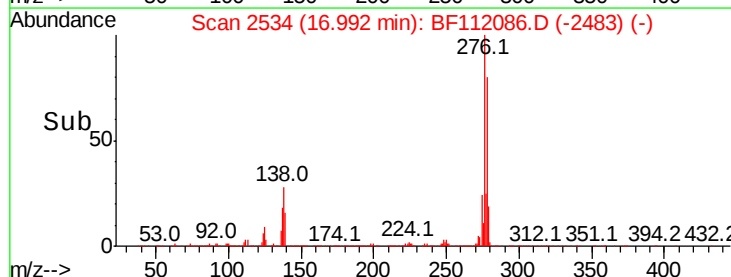
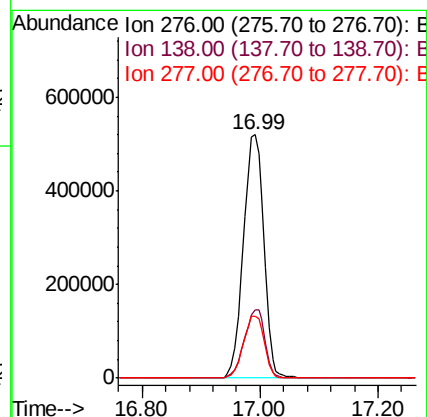
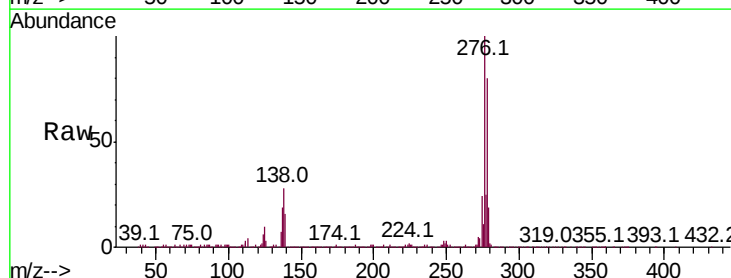
Instrument :
BNA_F
ClientSampleId :
JDHS-SOUTH-1MS

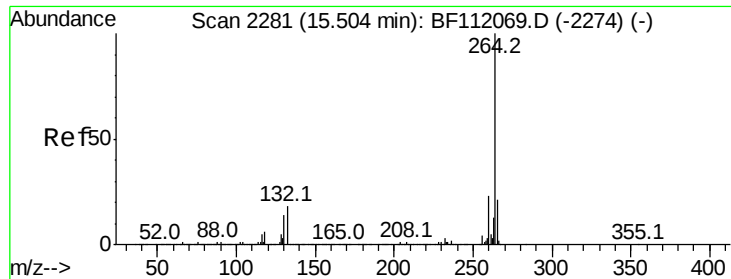
Tot Ion:149 Resp: 1979325
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.7 7.8 11.6



#86
Indeno(1,2,3-cd)pyrene
Concen: 38.964 ng
RT: 16.99 min Scan# 2534
Delta R.T. -0.00 min
Lab File: BF112086.D
Acq: 17 Jan 2019 13:49

Tgt Ion:276 Resp: 1270278
Ion Ratio Lower Upper
276 100
138 27.9 22.6 34.0
277 25.8 20.3 30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.50 min Scan# 2281

Delta R.T. -0.00 min

Lab File: BF112086.D

Acq: 17 Jan 2019 13:49

Instrument :

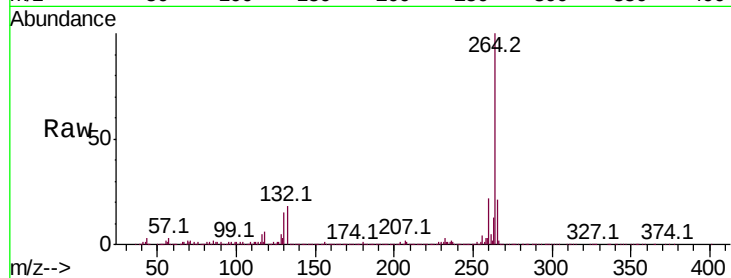
BNA_F

ClientSampleId :

JDHS-SOUTH-1MS

Tot Ion:264 Resp: 561908

Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.2	27.2
265	21.4	17.0	25.4

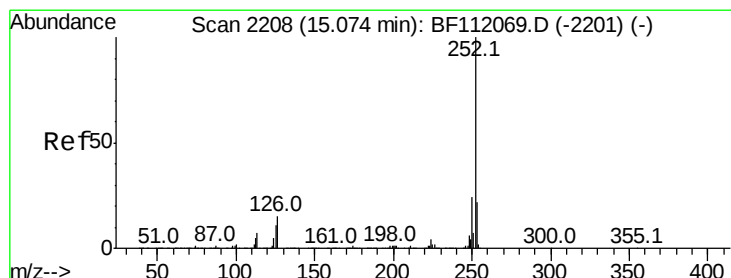
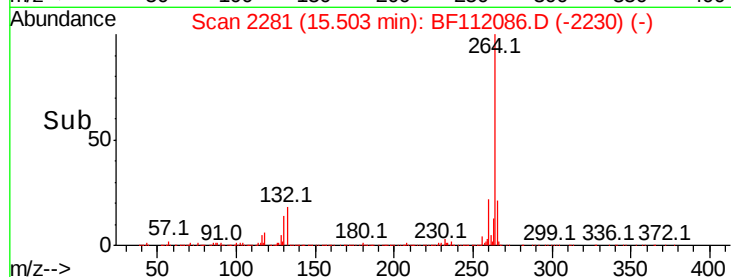
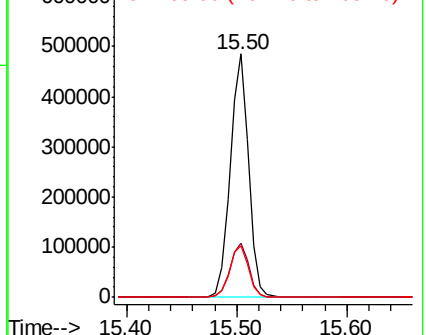


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 44.682 ng

RT: 15.07 min Scan# 2208

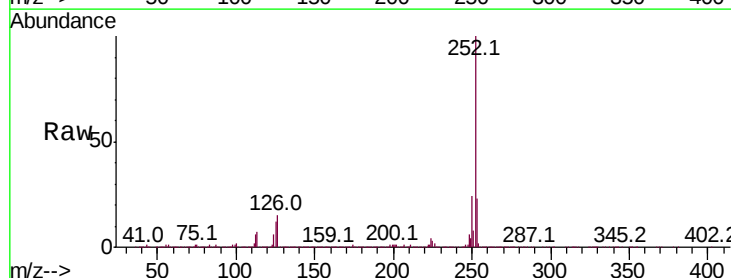
Delta R.T. -0.00 min

Lab File: BF112086.D

Acq: 17 Jan 2019 13:49

Tgt Ion:252 Resp: 1425197

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	11.6	8.7	13.1

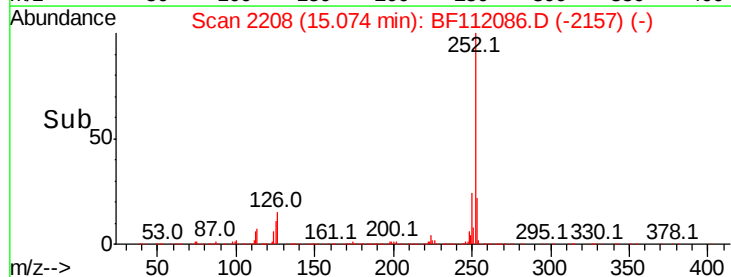
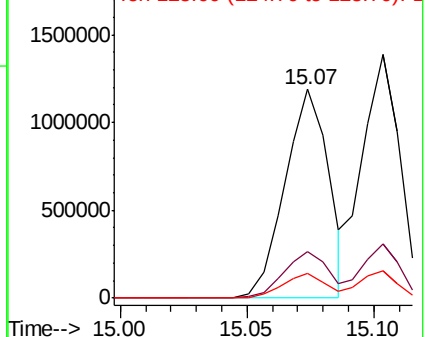


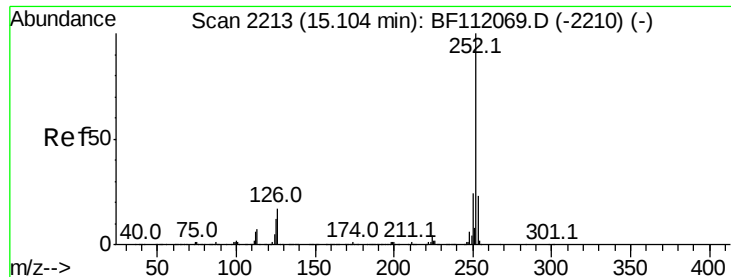
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

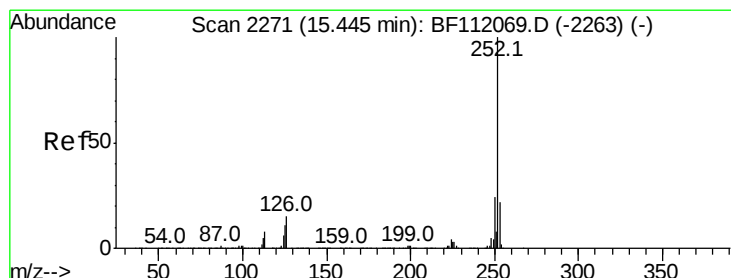
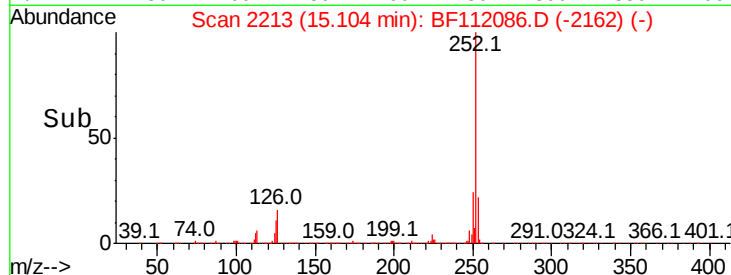
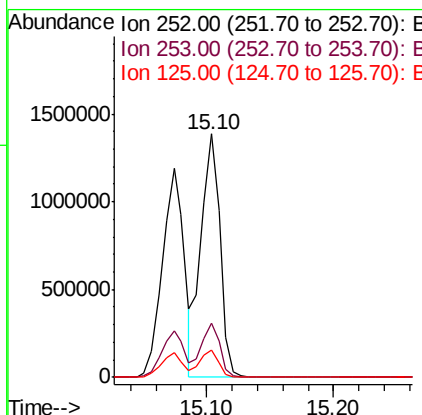
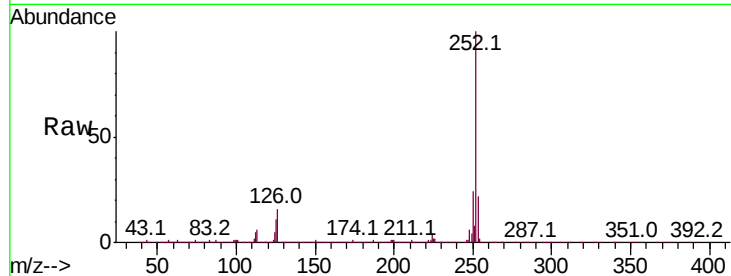




#89
Benzo(k)fluoranthene
Concen: 46.667 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.00 min
Lab File: BF112086.D
Acq: 17 Jan 2019 13:49

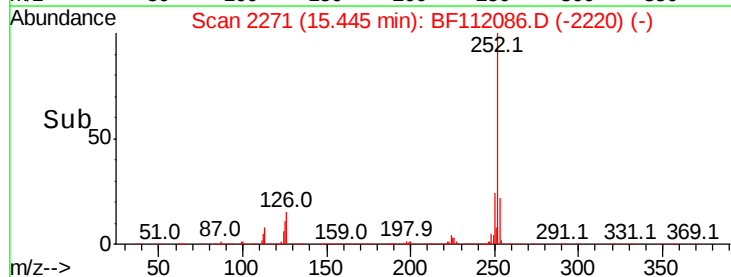
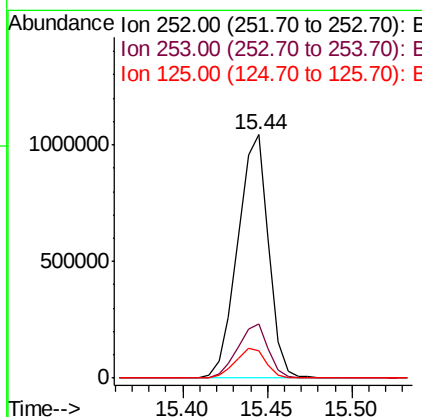
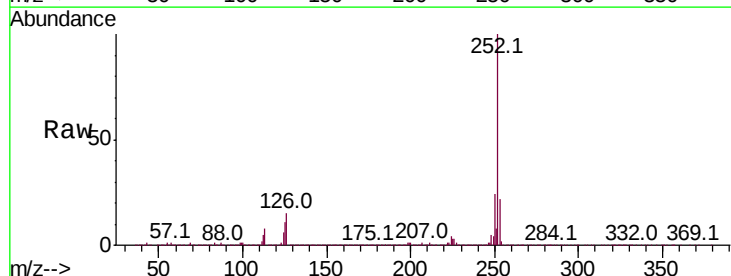
Instrument :
BNA_F
ClientSampleId :
JDHS-SOUTH-1MS

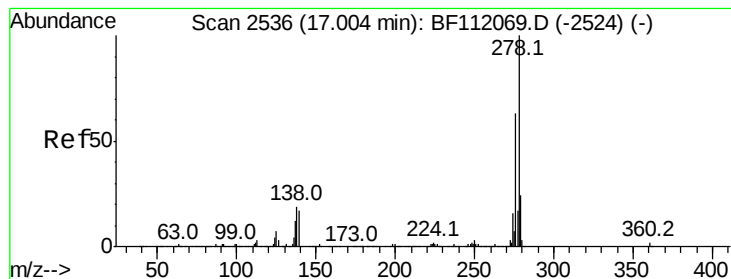
Tot Ion:252 Resp: 1440670
Ion Ratio Lower Upper
252 100
253 22.5 18.0 27.0
125 11.3 9.1 13.7



#90
Benzo(a)pyrene
Concen: 45.285 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.00 min
Lab File: BF112086.D
Acq: 17 Jan 2019 13:49

Tgt Ion:252 Resp: 1324624
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 11.4 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 41.378 ng

RT: 17.00 min Scan# 2536

Delta R.T. -0.00 min

Lab File: BF112086.D

Acq: 17 Jan 2019 13:49

Instrument :

BNA_F

ClientSampleId :

JDHS-SOUTH-1MS

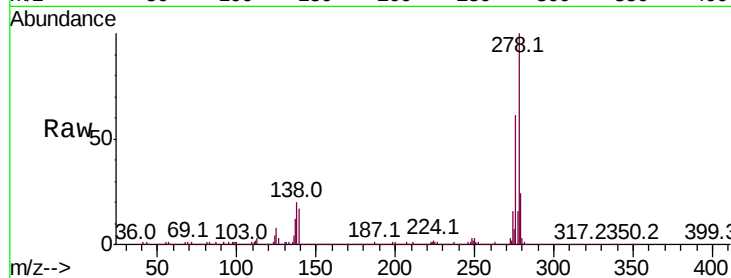
Tot Ion:278 Resp: 1074991

Ion	Ratio	Lower	Upper
278	100		
139	16.9	13.7	20.5
279	23.7	19.0	28.6

278 100

139 16.9 13.7 20.5

279 23.7 19.0 28.6

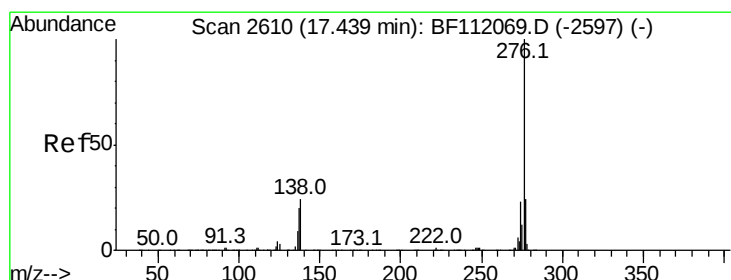
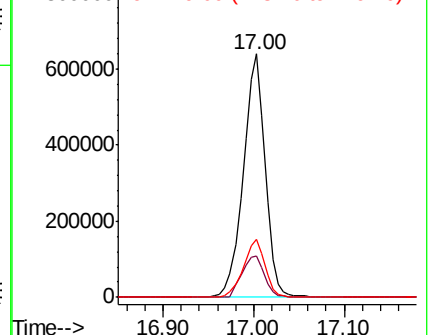
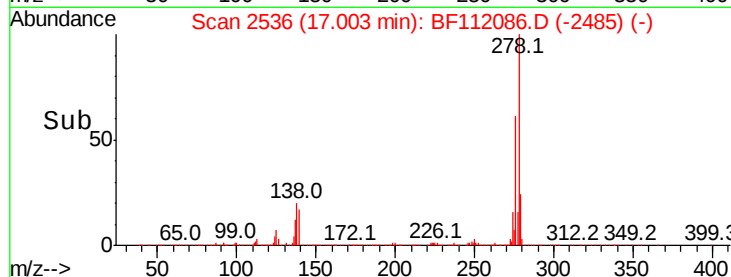


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 39.386 ng

RT: 17.44 min Scan# 2610

Delta R.T. -0.00 min

Lab File: BF112086.D

Acq: 17 Jan 2019 13:49

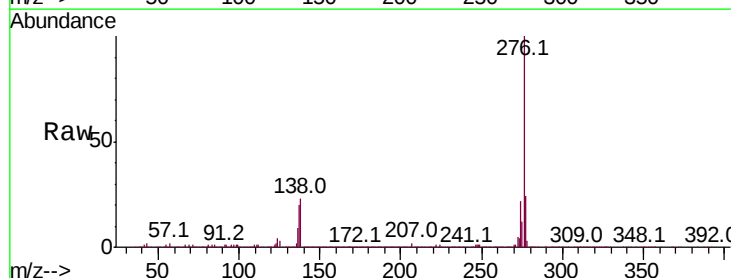
Tgt Ion:276 Resp: 1008072

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.4	29.0
138	22.6	19.1	28.7

276 100

277 24.1 19.4 29.0

138 22.6 19.1 28.7



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

