

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
 Data File : BF112087.D
 Acq On : 17 Jan 2019 14:17
 Operator : JU/SJ
 Sample : K1167-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JDHS-SOUTH-1MSD

Quant Time: Jan 18 00:07:12 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	344873	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	1267082	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	576630	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	938819	20.00	ng	0.00
76) Chrysene-d12	14.03	240	737059	20.00	ng	0.00
87) Perylene-d12	15.50	264	651885	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	2353847	123.88	ng	0.02
7) Phenol-d6	6.52	99	2963748	124.67	ng	0.00
23) Nitrobenzene-d5	7.43	82	1908458	104.06	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	793263	127.52	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	3242352	82.44	ng	0.00
79) Terphenyl-d14	12.97	244	2779585	80.23	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.68	88	317105	35.584	ng	98
3) Pyridine	3.44	79	895188	40.108	ng	99
4) n-Nitrosodimethylamine	3.39	42	440935	48.657	ng	99
6) Aniline	6.53	93	935662	32.360	ng	# 27
8) 2-Chlorophenol	6.66	128	960232	43.513	ng	99
9) Benzaldehyde	6.41	77	273980	17.268	ng	98
10) Phenol	6.53	94	1139559	43.861	ng	97
11) bis(2-Chloroethyl)ether	6.60	93	891756	43.167	ng	97
12) 1,3-Dichlorobenzene	6.81	146	1050607	41.717	ng	98
13) 1,4-Dichlorobenzene	6.88	146	1058241	41.080	ng	99
14) 1,2-Dichlorobenzene	7.04	146	981610	41.368	ng	99
15) Benzyl Alcohol	7.01	79	789436	44.571	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1247946	41.891	ng	91
17) 2-Methylphenol	7.13	107	758121	45.745	ng	97
18) Hexachloroethane	7.37	117	344339	40.049	ng	98
19) n-Nitroso-di-n-propylamine	7.28	70	625868	43.215	ng	99
20) 3+4-Methylphenols	7.28	107	917183	45.645	ng	# 77
22) Acetophenone	7.27	105	1226320	41.776	ng	# 98
24) Nitrobenzene	7.45	77	969493	49.879	ng	100
25) Isophorone	7.69	82	1741532	49.162	ng	97
26) 2-Nitrophenol	7.76	139	488904	48.857	ng	98
27) 2,4-Dimethylphenol	7.80	122	844215	51.341	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	1119971	46.091	ng	99
29) 2,4-Dichlorophenol	8.01	162	825873	45.977	ng	98
30) 1,2,4-Trichlorobenzene	8.09	180	887189	42.560	ng	99
31) Naphthalene	8.17	128	2609426	45.278	ng	99
32) Benzoic acid	7.93	122	258428	37.939	ng	95
33) 4-Chloroaniline	8.22	127	584240	22.557	ng	99
34) Hexachlorobutadiene	8.29	225	475287	40.970	ng	100
35) Caprolactam	8.59	113	158391	25.194	ng	95
36) 4-Chloro-3-methylphenol	8.72	107	798221	45.498	ng	96
37) 2-Methylnaphthalene	8.86	142	1817854	46.452	ng	98
38) 1-Methylnaphthalene	8.96	142	1693122	45.018	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	839265	45.326	ng	100

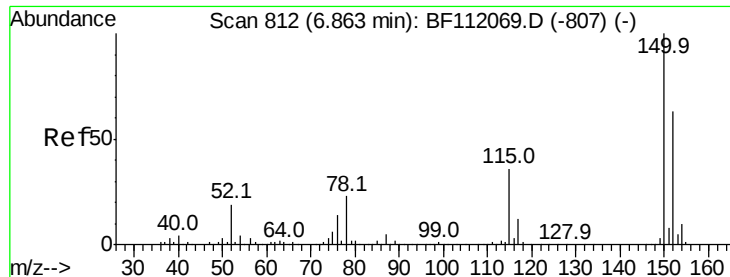
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	245922	37.834	nq	97
43) 2,4,6-Trichlorophenol	9.15	196	567858	51.265	nq	99
44) 2,4,5-Trichlorophenol	9.19	196	591118	50.105	nq	98
46) 1,1'-Biphenyl	9.33	154	2114690	43.859	nq	98
47) 2-Chloronaphthalene	9.35	162	1652674	43.789	nq	97
48) 2-Nitroaniline	9.45	65	470520	55.348	nq	92
49) Acenaphthylene	9.77	152	2512866	45.625	nq	99
50) Dimethylphthalate	9.63	163	2290814	54.475	nq	99
51) 2,6-Dinitrotoluene	9.69	165	438006	52.155	nq	91
52) Acenaphthene	9.94	154	1463823	43.440	nq	99
53) 3-Nitroaniline	9.86	138	322331	34.323	nq	# 98
54) 2,4-Dinitrophenol	9.96	184	100549	49.240	nq	96
55) Dibenzofuran	10.11	168	2179000	42.758	nq	97
56) 4-Nitrophenol	10.04	139	587020	86.930	nq	96
57) 2,4-Dinitrotoluene	10.09	165	535387	49.504	nq	92
58) Fluorene	10.45	166	1653911	43.438	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.23	232	437426	49.135	nq	99
60) Diethylphthalate	10.32	149	1850101	45.071	nq	98
61) 4-Chlorophenyl-phenylether	10.44	204	855410	41.634	nq	98
62) 4-Nitroaniline	10.47	138	397104	42.584	nq	95
63) Azobenzene	10.60	77	1620778	41.231	nq	94
65) 4,6-Dinitro-2-methylphenol	10.50	198	98581	29.964	nq	95
66) n-Nitrosodiphenylamine	10.56	169	1536292	49.499	nq	99
67) 4-Bromophenyl-phenylether	10.93	248	514477	47.179	nq	98
68) Hexachlorobenzene	11.00	284	520528	44.312	nq	98
69) Atrazine	11.09	200	485752	48.502	nq	98
70) Pentachlorophenol	11.20	266	455488	80.598	nq	99
71) Phenanthrene	11.42	178	2184860	46.244	nq	99
72) Anthracene	11.47	178	2228572	46.563	nq	99
73) Carbazole	11.62	167	2006543	41.851	nq	99
74) Di-n-butylphthalate	11.94	149	2502892	46.409	nq	100
75) Fluoranthene	12.60	202	2137169	42.842	nq	99
77) Benzidine	12.72	184	999846	40.657	nq	95
78) Pyrene	12.83	202	2166419	44.551	nq	99
80) Butylbenzylphthalate	13.44	149	1001479	46.944	nq	93
81) Benzo(a)anthracene	14.02	228	1980769	46.870	nq	100
82) 3,3'-Dichlorobenzidine	13.98	252	732413	46.277	nq	98
83) Chrysene	14.06	228	1845117	46.141	nq	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	1427537	46.690	nq	98
85) Di-n-octyl phthalate	14.61	149	2351375	49.915	nq	100
86) Indeno(1,2,3-cd)pyrene	16.99	276	1582798	42.903	nq	100
88) Benzo(b)fluoranthene	15.07	252	1737535	46.956	nq	99
89) Benzo(k)fluoranthene	15.10	252	1737738	48.520	nq	100
90) Benzo(a)pyrene	15.44	252	1631763	48.085	nq	98
91) Dibenzo(a,h)anthracene	17.00	278	1327464	44.043	nq	98
92) Benzo(g,h,i)perylene	17.44	276	1273679	42.895	nq	99

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

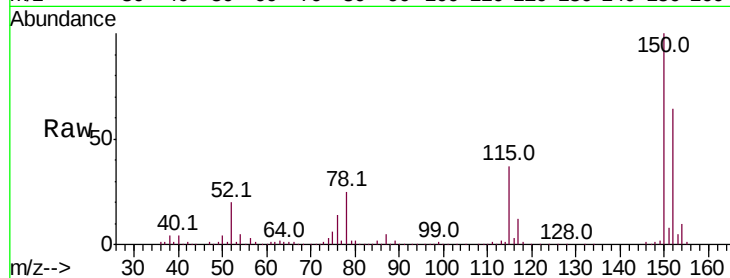


#1

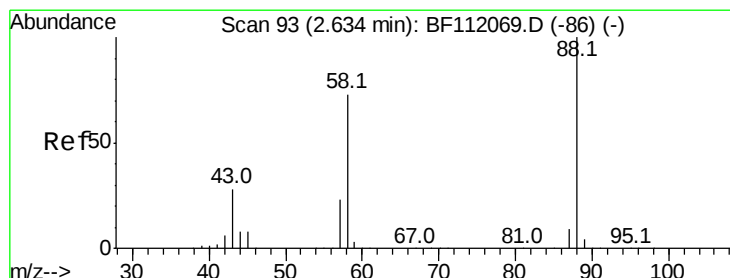
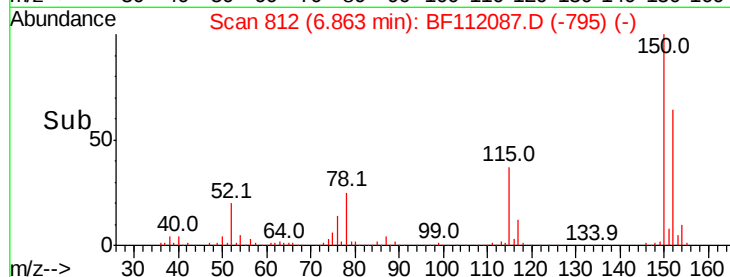
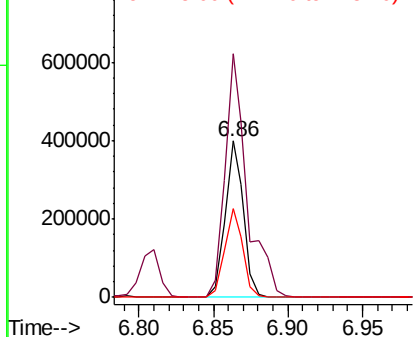
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF112087.D
Acq: 17 Jan 2019 14:17

Instrument :
BNA_F
ClientSampleId :
JDHS-SOUTH-1MSD

Tot Ion:152 Resp: 344873
Ion Ratio Lower Upper
152 100
150 155.5 127.4 191.0
115 57.0 45.5 68.3



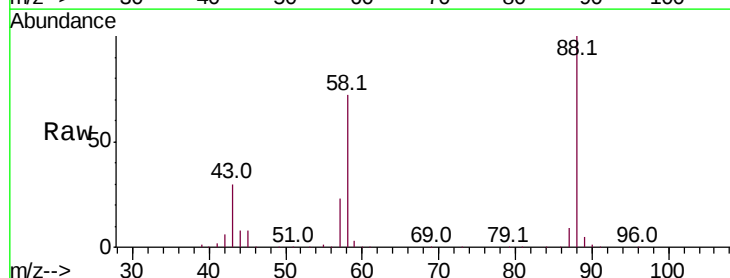
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



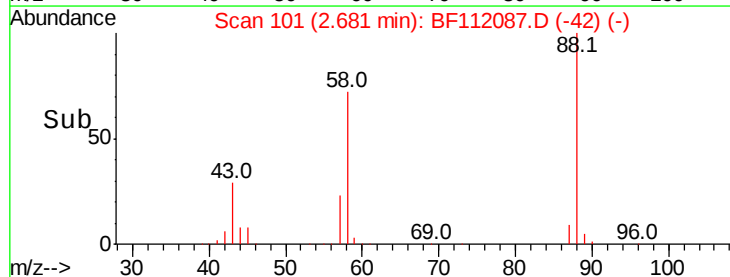
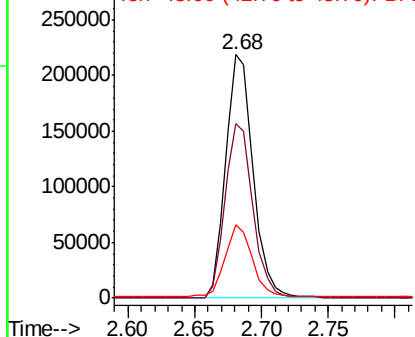
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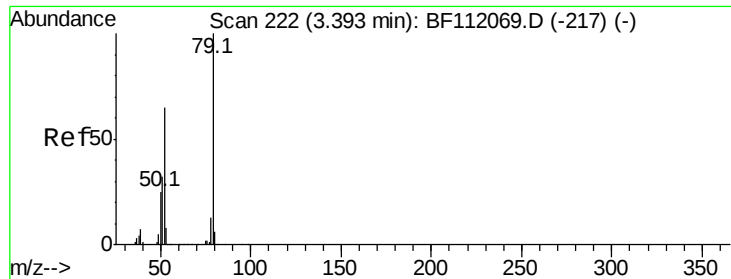
1,4-Dioxane
Concen: 35.584 ng
RT: 2.68 min Scan# 101
Delta R.T. 0.05 min
Lab File: BF112087.D
Acq: 17 Jan 2019 14:17

Tgt Ion: 88 Resp: 317105
Ion Ratio Lower Upper
88 100
58 73.1 57.4 86.2
43 28.9 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

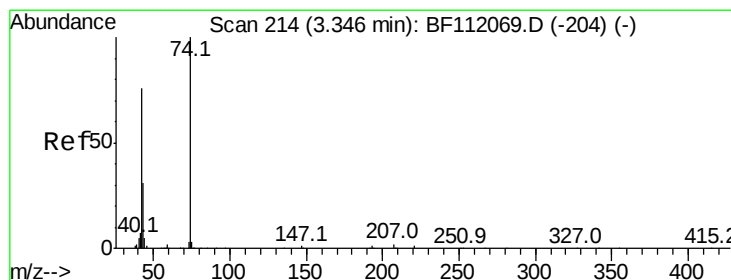
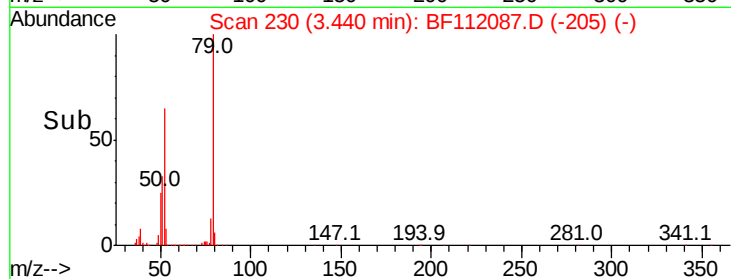
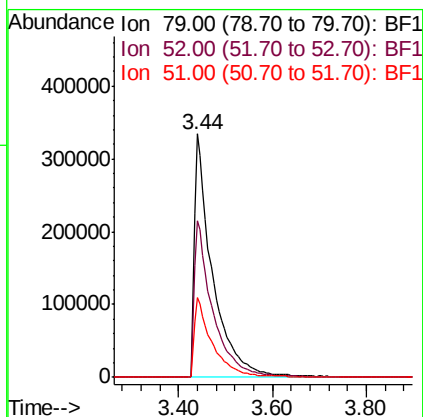
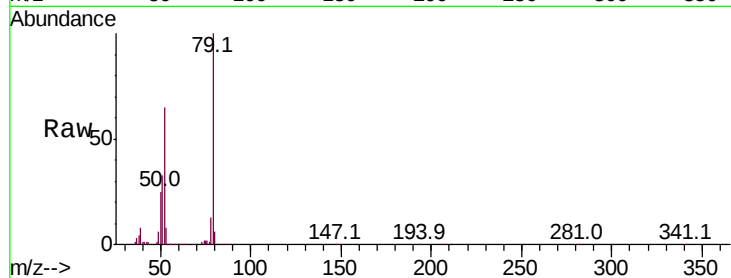




#3
 Pvridine
 Concen: 40.108 ng
 RT: 3.44 min Scan# 230
 Delta R.T. 0.05 min
 Lab File: BF112087.D
 Acq: 17 Jan 2019 14:17

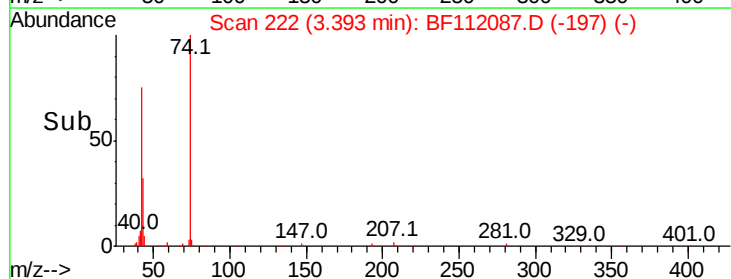
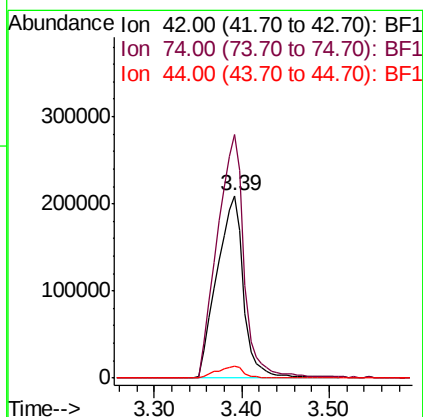
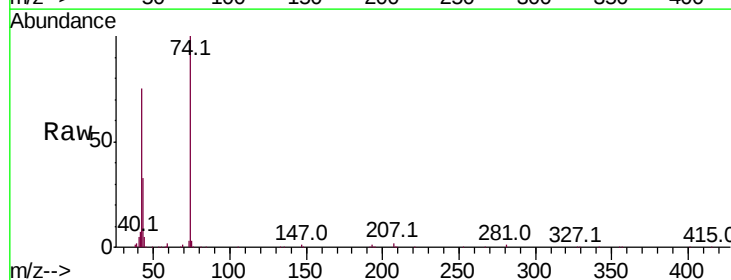
Instrument :
 BNA_F
 ClientSampleId :
 JDHS-SOUTH-1MSD

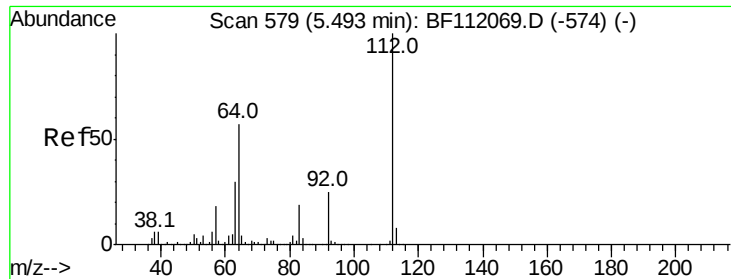
Tot Ion: 79 Resp: 895188
 Ion Ratio Lower Upper
 79 100
 52 64.5 52.4 78.6
 51 32.6 26.1 39.1



#4
 n-Nitrosodimethylamine
 Concen: 48.657 ng
 RT: 3.39 min Scan# 222
 Delta R.T. 0.05 min
 Lab File: BF112087.D
 Acq: 17 Jan 2019 14:17

Tgt Ion: 42 Resp: 440935
 Ion Ratio Lower Upper
 42 100
 74 133.2 105.6 158.4
 44 6.3 5.4 8.2





#5

2-Fluorophenol

Concen: 123.881 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.02 min

Lab File: BF112087.D

Acq: 17 Jan 2019 14:17

Instrument :

BNA_F

ClientSampleId :

JDHS-SOUTH-1MSD

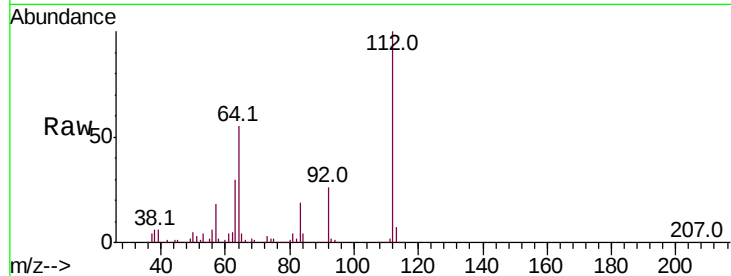
Tot Ion:112 Resp: 2353847

Ion Ratio Lower Upper

112 100

64 55.4 45.7 68.5

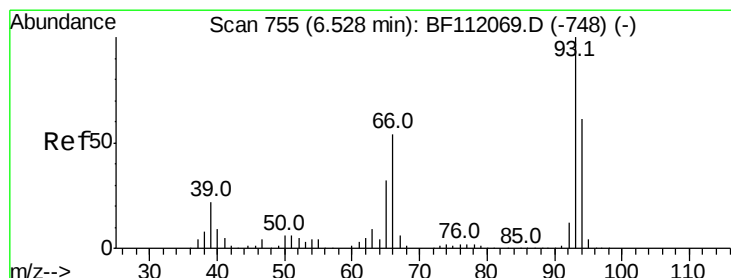
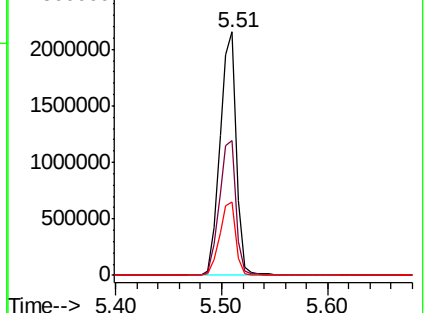
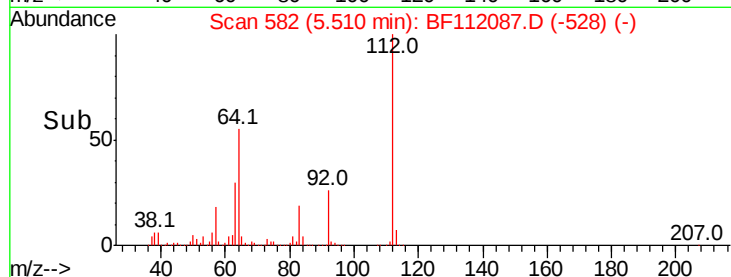
63 29.9 23.6 35.4



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: 32.360 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.00 min

Lab File: BF112087.D

Acq: 17 Jan 2019 14:17

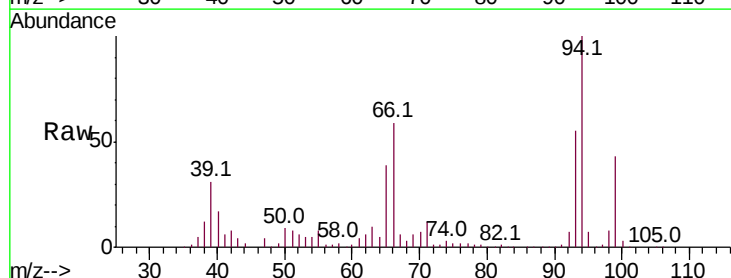
Tgt Ion: 93 Resp: 935662

Ion Ratio Lower Upper

93 100

66 107.5 43.4 65.2#

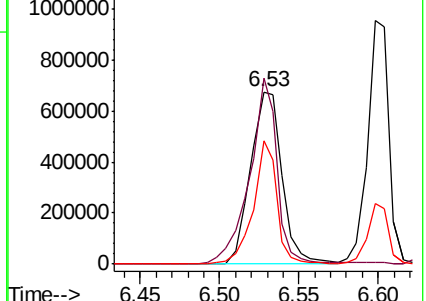
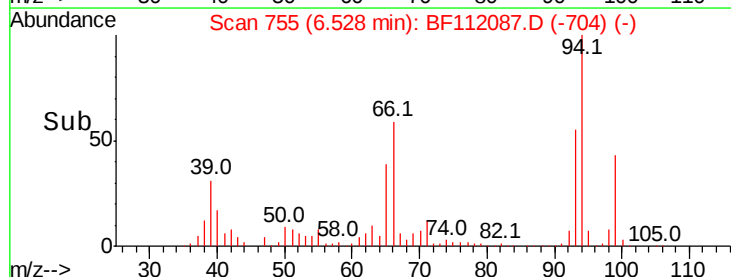
65 71.7 25.3 37.9#

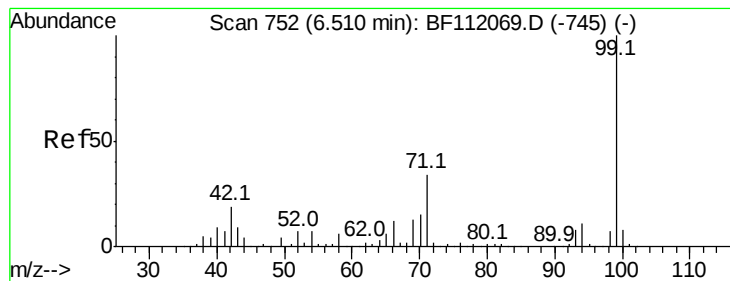


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 124.669 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF112087.D

Acq: 17 Jan 2019 14:17

Instrument :

BNA_F

ClientSampleId :

JDHS-SOUTH-1MSD

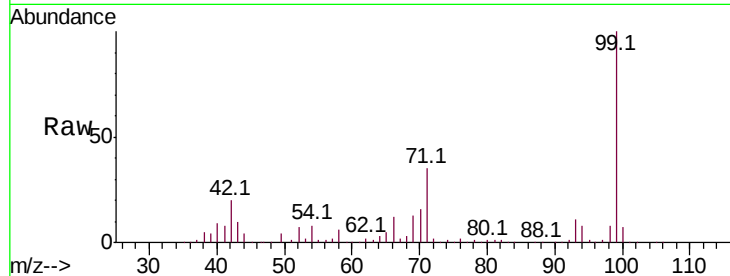
Tot Ion: 99 Resp: 2963748

Ion Ratio Lower Upper

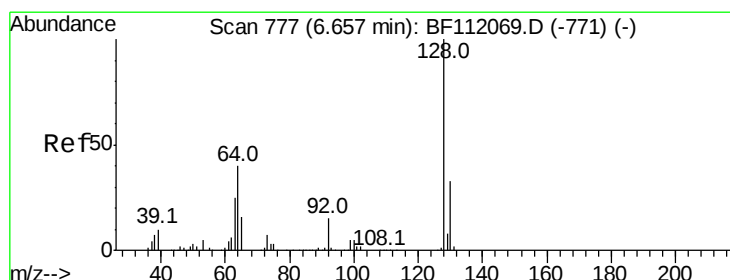
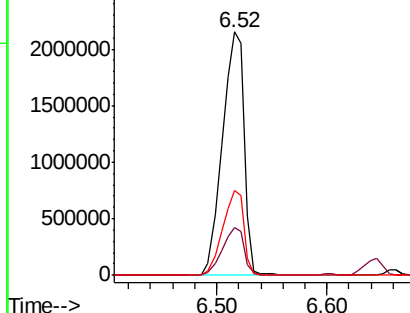
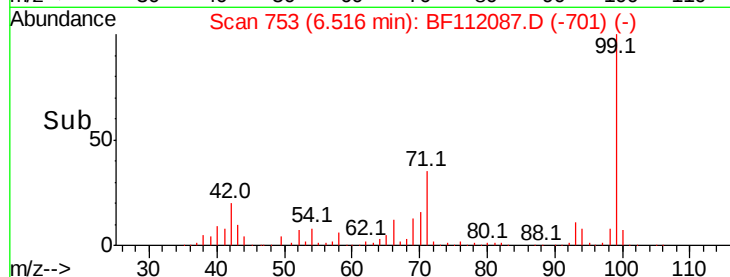
99 100

42 19.9 15.1 22.7

71 35.0 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: 43.513 ng

RT: 6.66 min Scan# 778

Delta R.T. 0.01 min

Lab File: BF112087.D

Acq: 17 Jan 2019 14:17

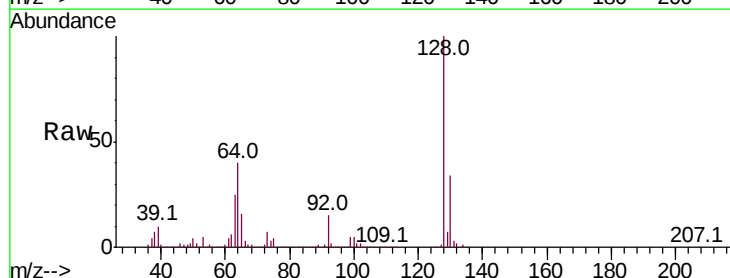
Tgt Ion:128 Resp: 960232

Ion Ratio Lower Upper

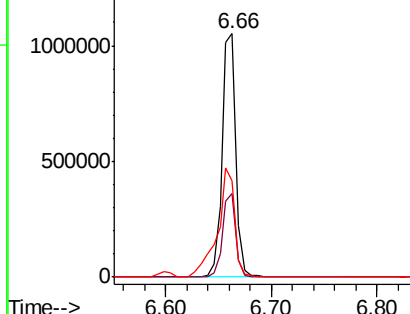
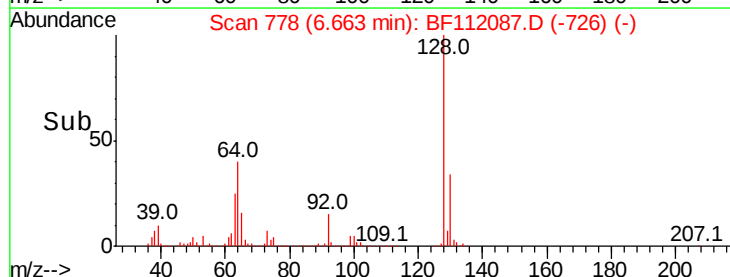
128 100

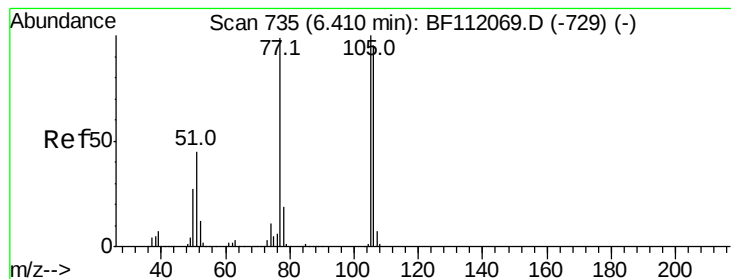
130 34.2 13.4 53.4

64 39.8 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: 17.268 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.00 min

Lab File: BF112087.D

Acq: 17 Jan 2019 14:17

Instrument :

BNA_F

ClientSampleId :

JDHS-SOUTH-1MSD

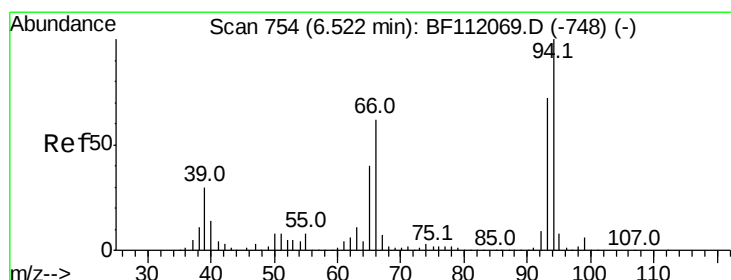
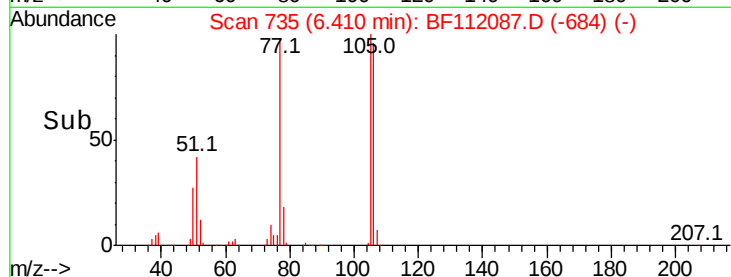
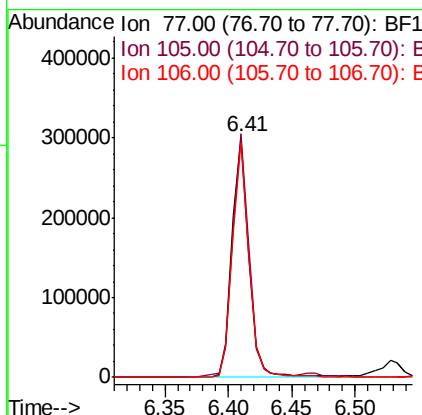
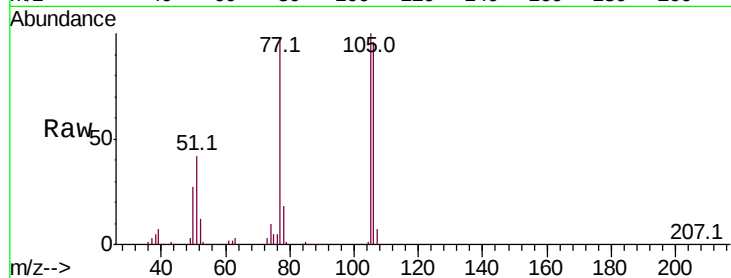
Tot Ion: 77 Resp: 273980

Ion Ratio Lower Upper

77 100

105 101.5 80.8 120.8

106 98.0 75.7 115.7



#10

Phenol

Concen: 43.861 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF112087.D

Acq: 17 Jan 2019 14:17

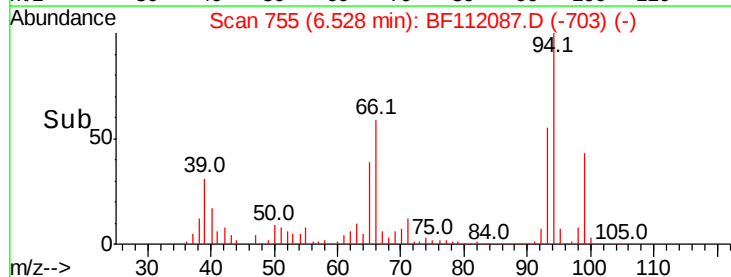
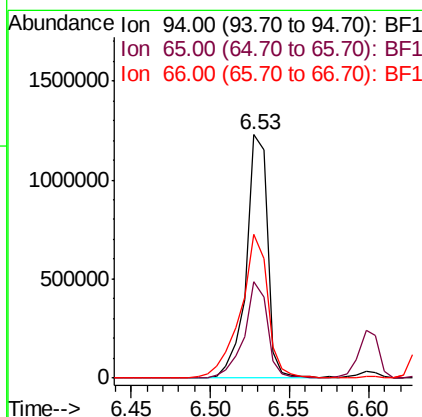
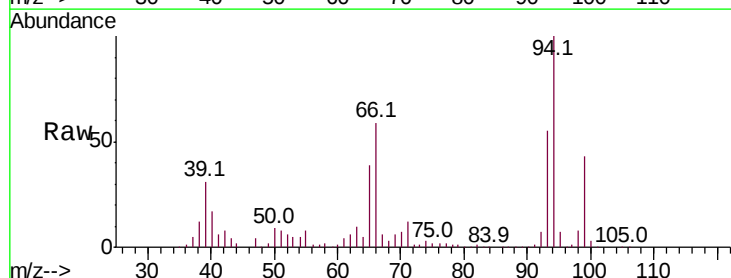
Tgt Ion: 94 Resp: 1139559

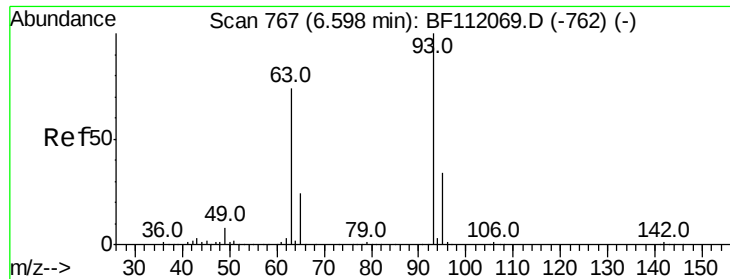
Ion Ratio Lower Upper

94 100

65 39.5 20.3 60.3

66 59.1 42.4 82.4

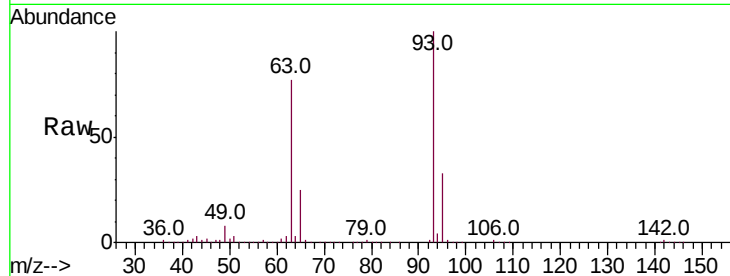




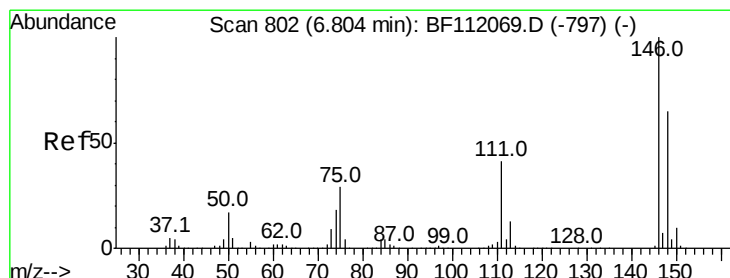
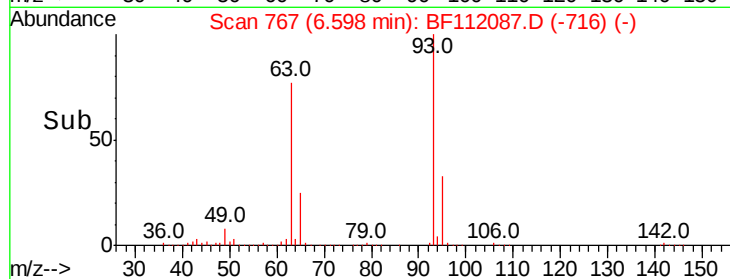
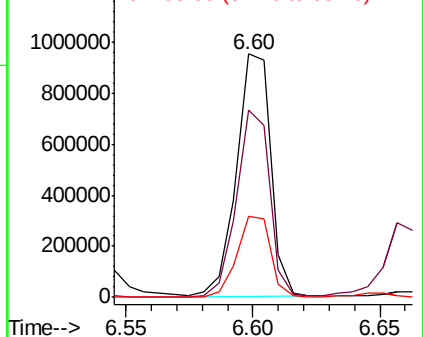
#11
bis(2-Chloroethyl)ether
Concen: 43.167 ng
RT: 6.60 min Scan# 767
Delta R.T. -0.00 min
Lab File: BF112087.D
Acq: 17 Jan 2019 14:17

Instrument :
BNA_F
ClientSampleId :
JDHS-SOUTH-1MSD

Tot Ion: 93 Resp: 891756
Ion Ratio Lower Upper
93 100
63 77.1 53.3 93.3
95 33.1 13.4 53.4

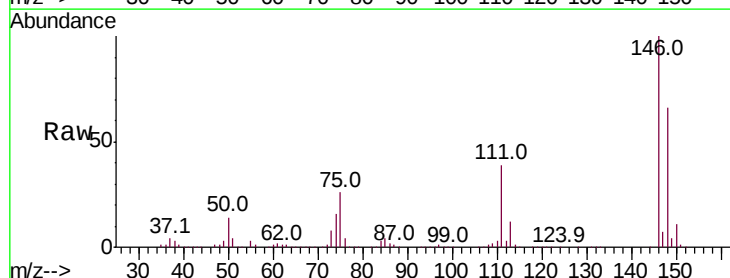


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

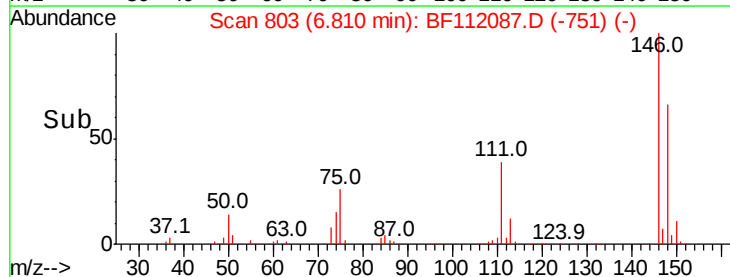
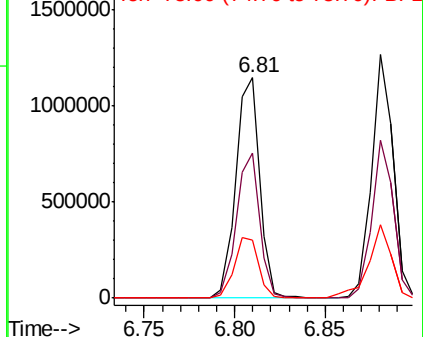


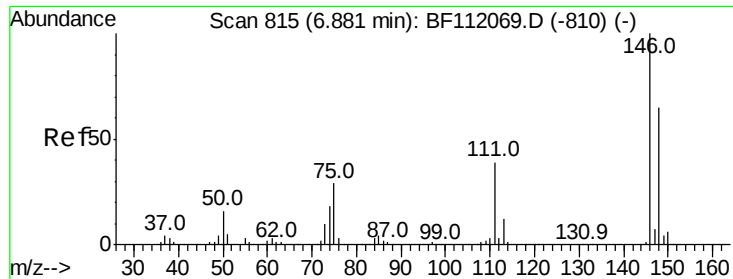
#12
1,3-Dichlorobenzene
Concen: 41.717 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.01 min
Lab File: BF112087.D
Acq: 17 Jan 2019 14:17

Tgt Ion: 146 Resp: 1050607
Ion Ratio Lower Upper
146 100
148 65.6 51.8 77.8
75 26.5 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

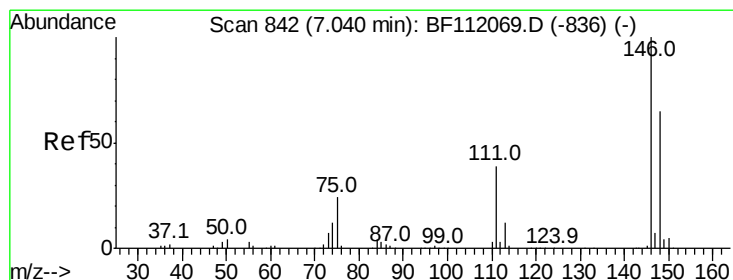
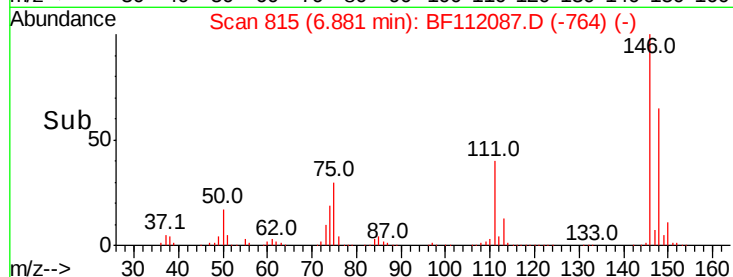
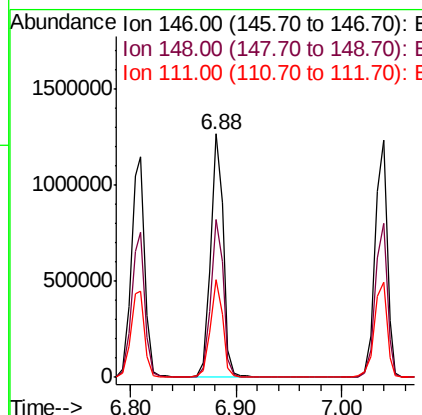
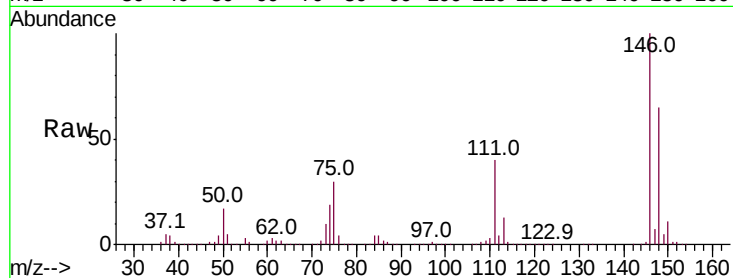




#13
 1,4-Dichlorobenzene
 Concen: 41.080 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.00 min
 Lab File: BF112087.D
 Acq: 17 Jan 2019 14:17

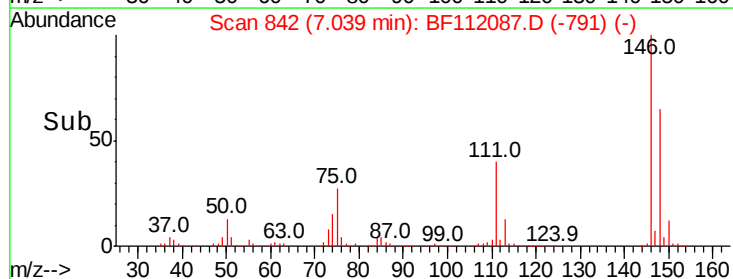
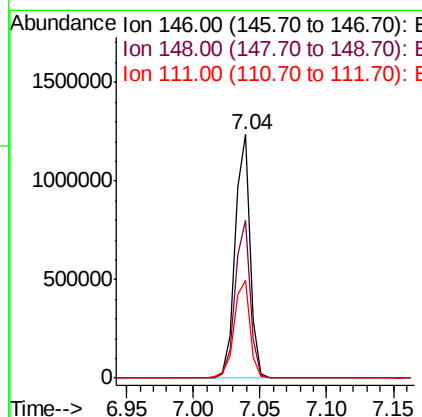
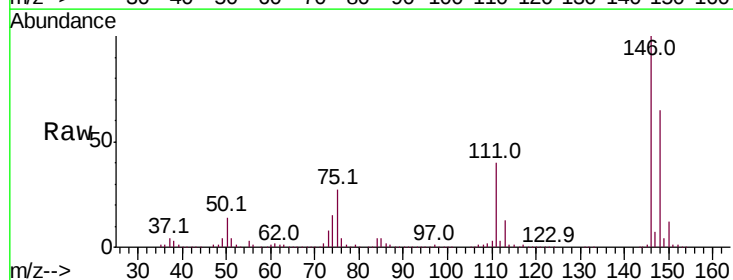
Instrument :
 BNA_F
 ClientSampleId :
 JDHS-SOUTH-1MSD

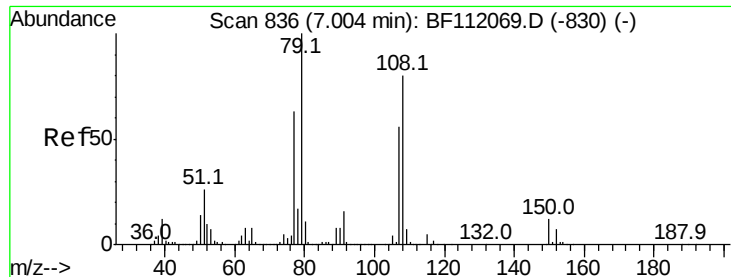
Tot Ion:146 Resp: 1058241
 Ion Ratio Lower Upper
 146 100
 148 65.0 52.0 78.0
 111 40.4 31.2 46.8



#14
 1,2-Dichlorobenzene
 Concen: 41.368 ng
 RT: 7.04 min Scan# 842
 Delta R.T. -0.00 min
 Lab File: BF112087.D
 Acq: 17 Jan 2019 14:17

Tgt Ion:146 Resp: 981610
 Ion Ratio Lower Upper
 146 100
 148 64.8 52.2 78.4
 111 39.9 31.2 46.8





#15

Benzyl Alcohol

Concen: 44.571 ng

RT: 7.01 min Scan# 837

Delta R.T. 0.01 min

Lab File: BF112087.D

Acq: 17 Jan 2019 14:17

Instrument :

BNA_F

ClientSampleId :

JDHS-SOUTH-1MSD

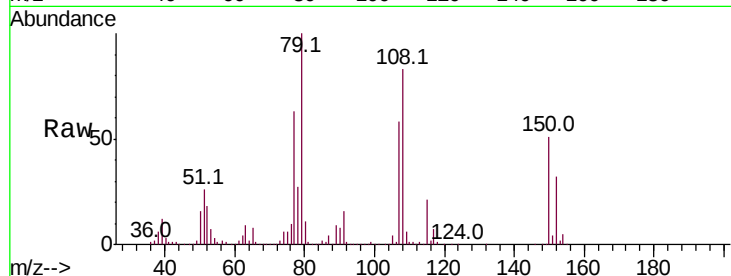
Tot Ion: 79 Resp: 789436

Ion Ratio Lower Upper

79 100

108 82.7 64.2 96.2

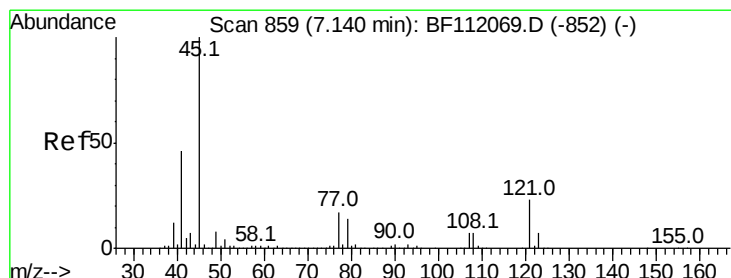
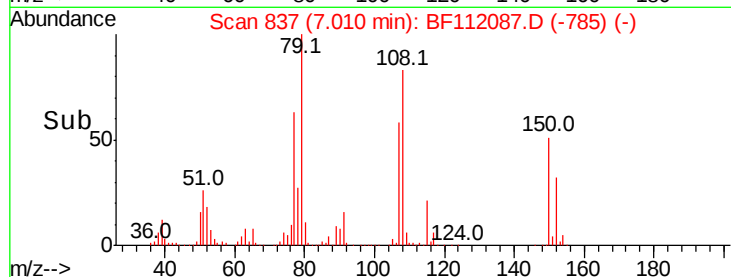
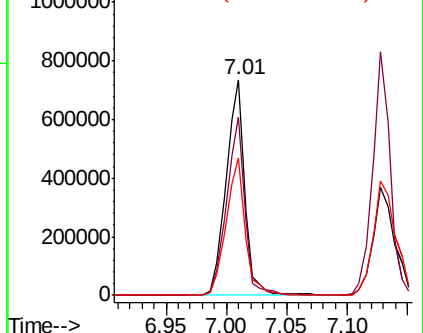
77 63.4 50.3 75.5



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: 41.891 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.00 min

Lab File: BF112087.D

Acq: 17 Jan 2019 14:17

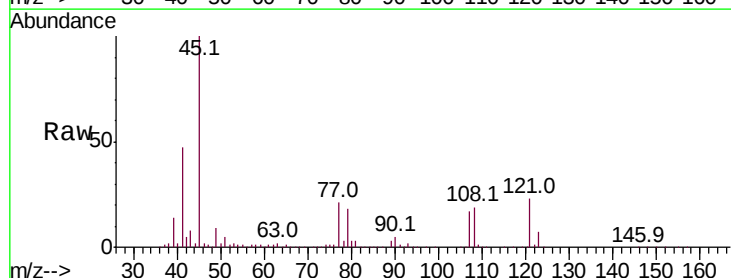
Tgt Ion: 45 Resp: 1247946

Ion Ratio Lower Upper

45 100

77 21.1 0.0 36.9

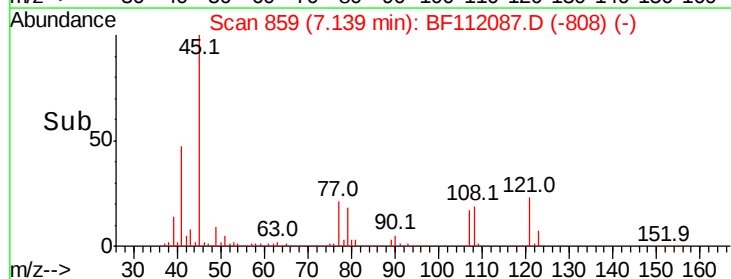
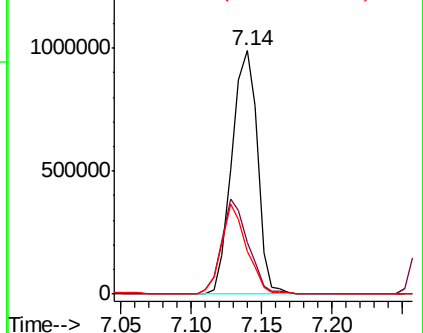
79 17.7 0.0 34.0

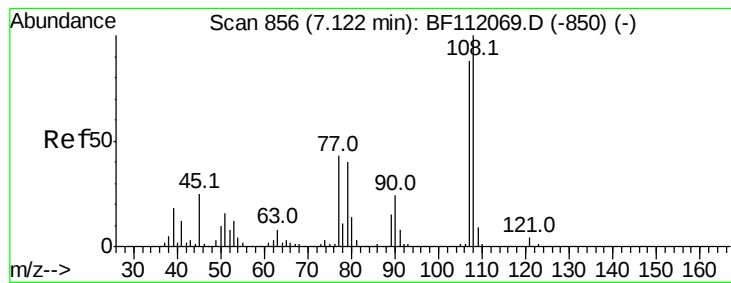


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 45.745 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.01 min

Lab File: BF112087.D

Acq: 17 Jan 2019 14:17

Instrument :

BNA_F

ClientSampleId :

JDHS-SOUTH-1MSD

Tot Ion:107 Resp: 758121

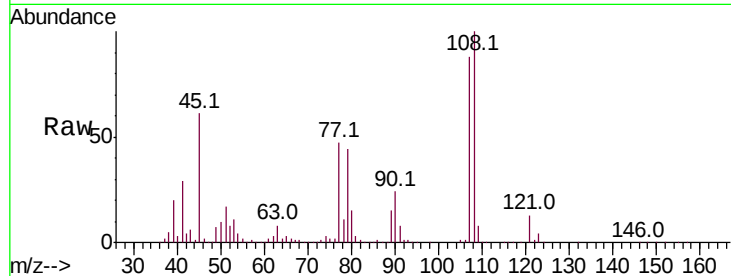
Ion Ratio Lower Upper

107 100

108 114.0 91.3 136.9

77 53.2 39.0 58.6

79 50.4 37.0 55.4

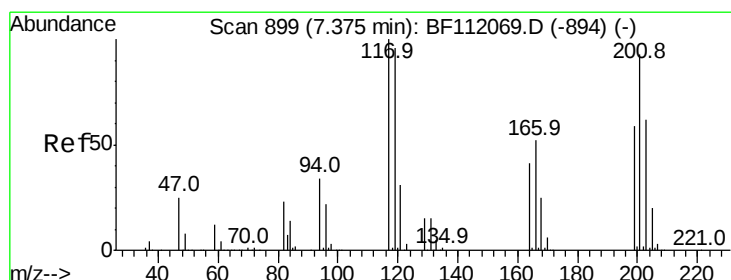
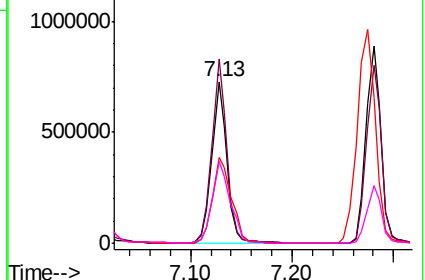
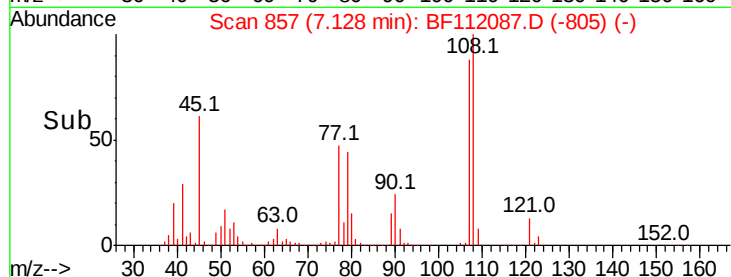


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 40.049 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.00 min

Lab File: BF112087.D

Acq: 17 Jan 2019 14:17

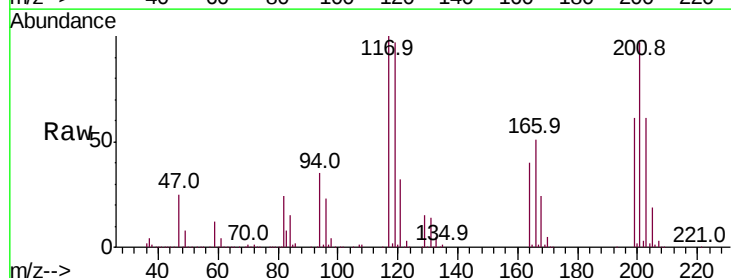
Tgt Ion:117 Resp: 344339

Ion Ratio Lower Upper

117 100

119 96.8 77.0 115.4

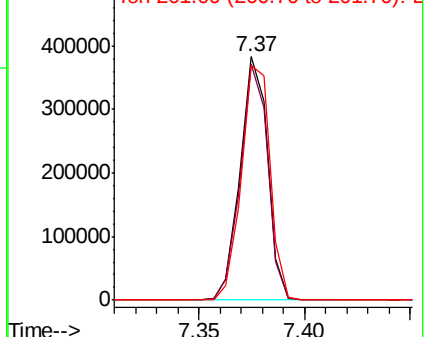
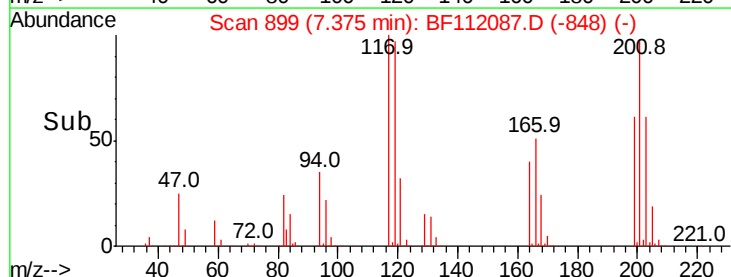
201 96.6 74.1 111.1

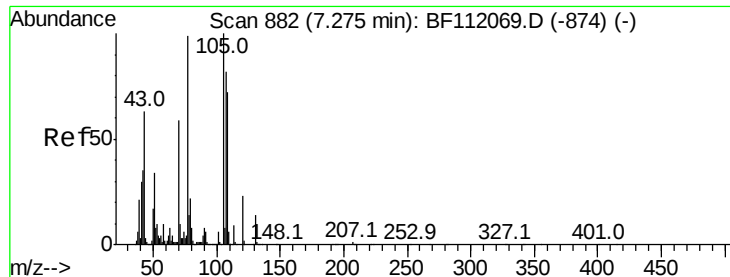


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

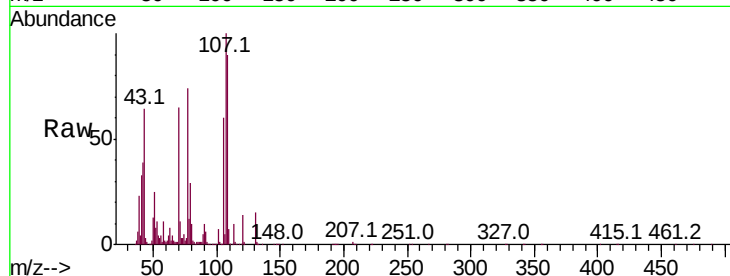




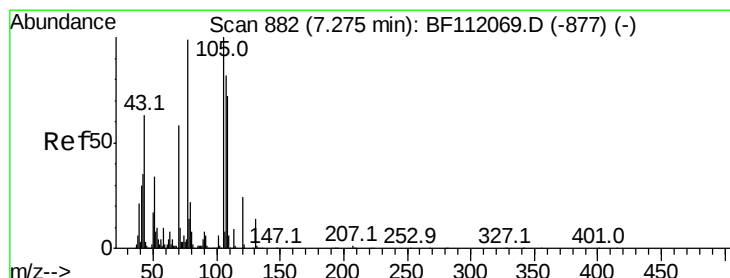
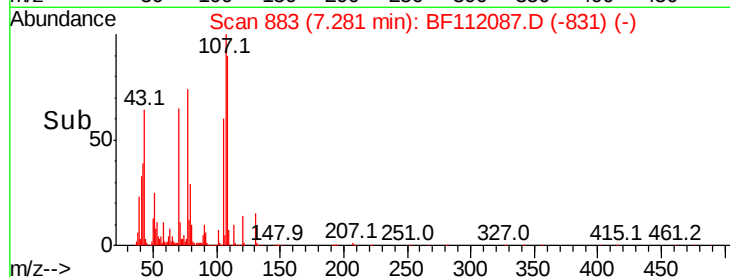
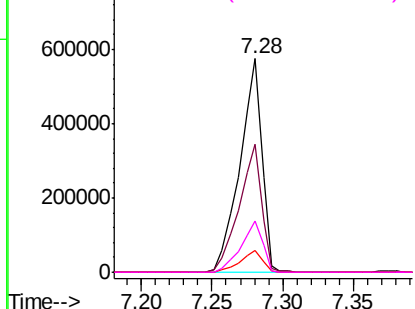
#19
n-Nitroso-di-n-propylamine
Concen: 43.215 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.01 min
Lab File: BF112087.D
Acq: 17 Jan 2019 14:17

Instrument :
BNA_F
ClientSampleId :
JDHS-SOUTH-1MSD

Tot Ion: 70 Resp: 625868
Ion Ratio Lower Upper
70 100
42 60.2 47.6 71.4
101 10.3 7.9 11.9
130 23.9 18.4 27.6



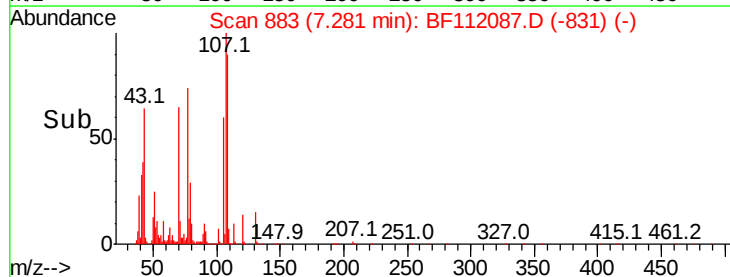
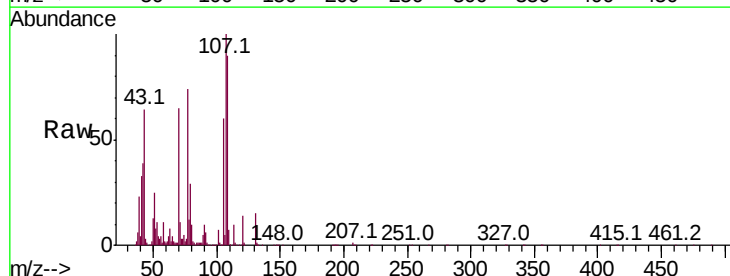
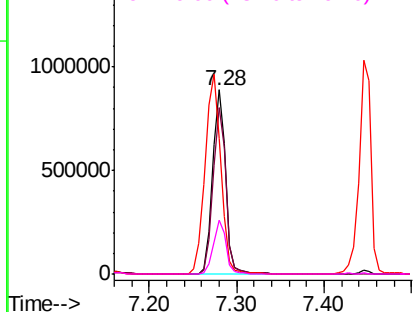
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

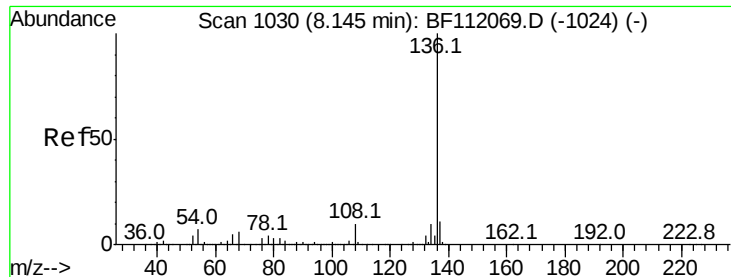


#20
3+4-Methylphenols
Concen: 45.645 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.01 min
Lab File: BF112087.D
Acq: 17 Jan 2019 14:17

Tgt Ion:107 Resp: 917183
Ion Ratio Lower Upper
107 100
108 90.4 68.2 108.2
77 73.8 100.7 140.7#
79 28.9 7.3 47.3

Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.00 min

Lab File: BF112087.D

Acq: 17 Jan 2019 14:17

Instrument :

BNA_F

ClientSampleId :

JDHS-SOUTH-1MSD

Tot Ion:136 Resp: 1267082

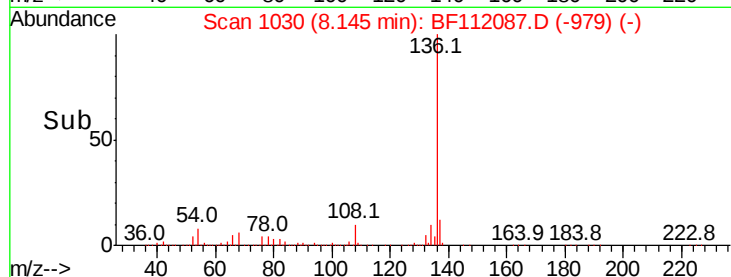
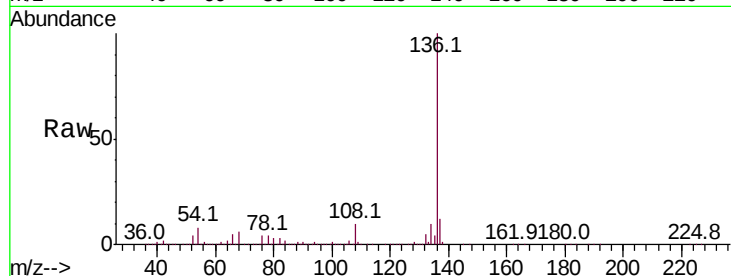
Ion Ratio Lower Upper

136 100

137 11.7 9.1 13.7

54 8.0 5.9 8.9

68 6.2 5.1 7.7

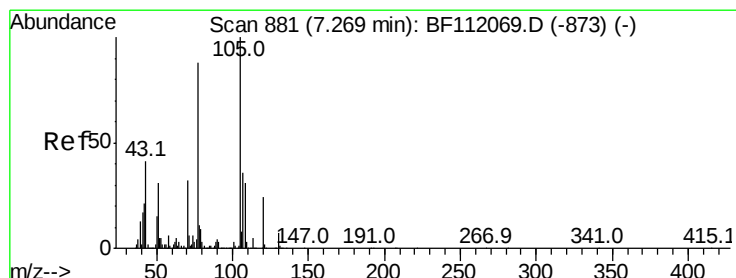
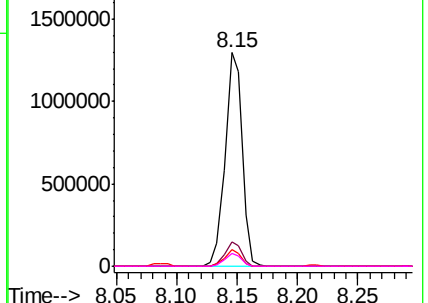


Abundance Ion 136.00 (135.70 to 136.70): E

2000000 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: 41.776 ng

RT: 7.27 min Scan# 882

Delta R.T. 0.01 min

Lab File: BF112087.D

Acq: 17 Jan 2019 14:17

Tgt Ion:105 Resp: 1226320

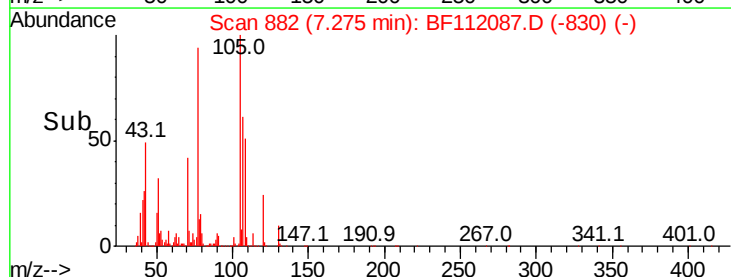
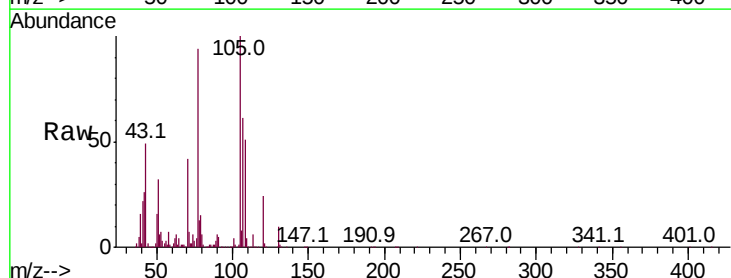
Ion Ratio Lower Upper

105 100

71 7.2 4.6 6.8#

51 32.4 25.0 37.6

120 23.9 19.0 28.4

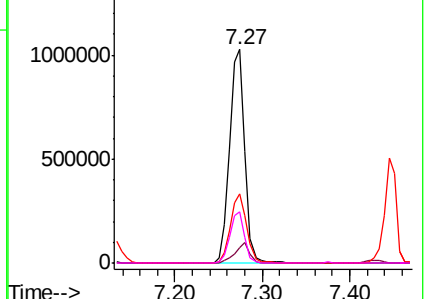


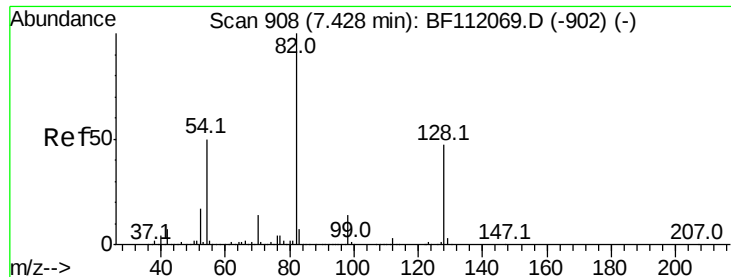
Abundance Ion 105.00 (104.70 to 105.70): E

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



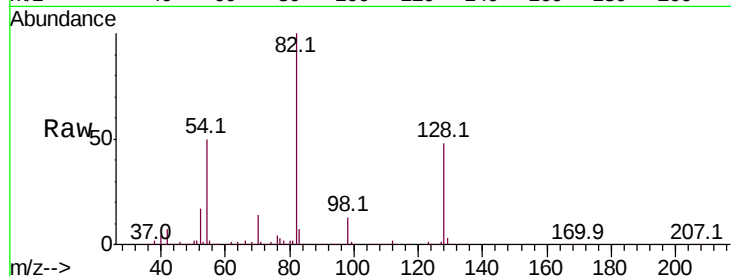


#23
 Nitrobenzene-d5
 Concen: 104.061 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.00 min
 Lab File: BF112087.D
 Acq: 17 Jan 2019 14:17

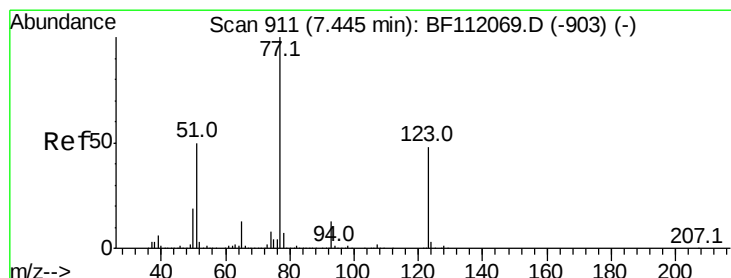
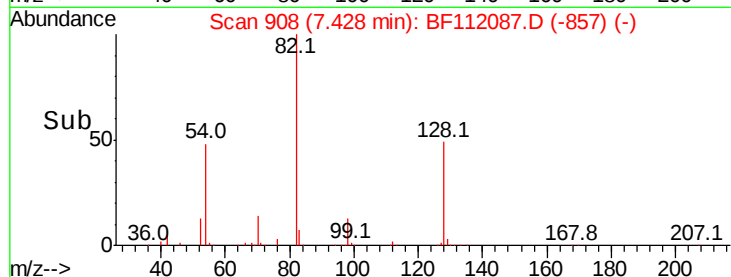
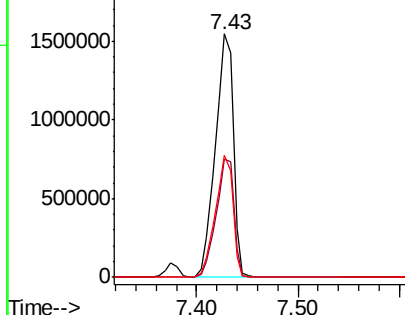
Instrument :
 BNA_F
 ClientSampleId :
 JDHS-SOUTH-1MSD

Tot Ion: 82 Resp: 1908458

Ion	Ratio	Lower	Upper
82	100		
128	48.4	37.8	56.8
54	49.9	39.7	59.5



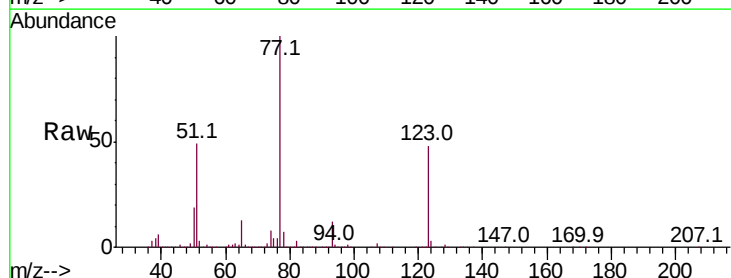
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



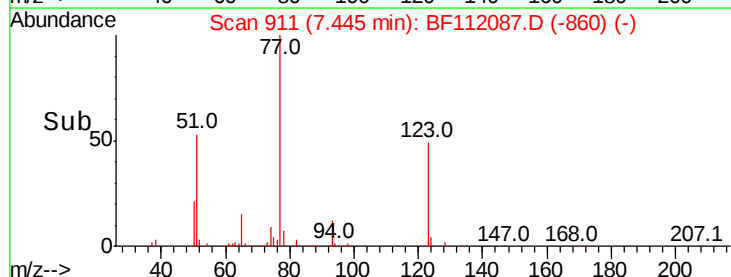
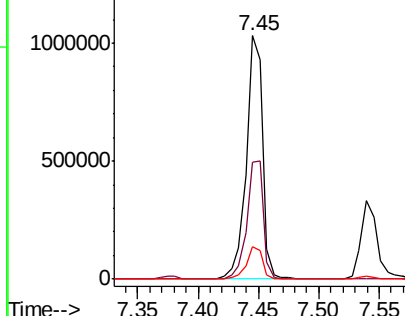
#24
 Nitrobenzene
 Concen: 49.879 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.00 min
 Lab File: BF112087.D
 Acq: 17 Jan 2019 14:17

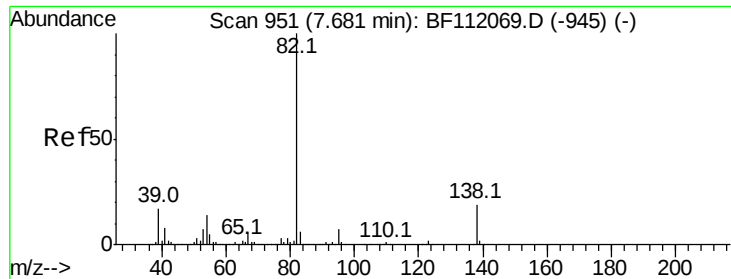
Tgt Ion: 77 Resp: 969493

Ion	Ratio	Lower	Upper
77	100		
123	48.3	38.4	57.6
65	13.4	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: 49.162 ng

RT: 7.69 min Scan# 952

Delta R.T. 0.01 min

Lab File: BF112087.D

Acq: 17 Jan 2019 14:17

Instrument :

BNA_F

ClientSampleId :

JDHS-SOUTH-1MSD

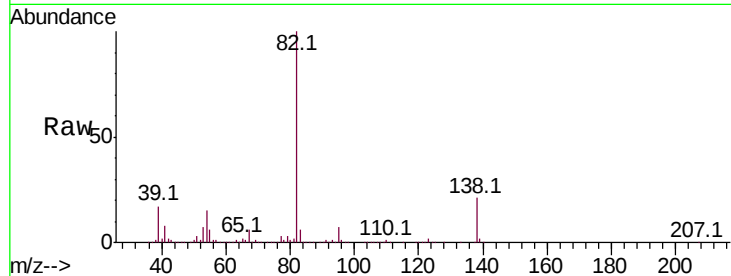
Tot Ion: 82 Resp: 1741532

Ion Ratio Lower Upper

82 100

95 7.3 5.7 8.5

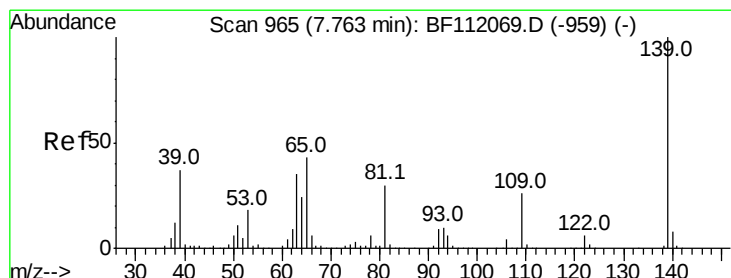
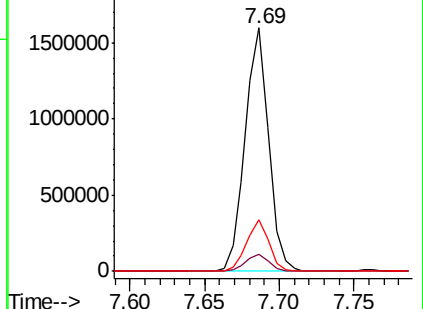
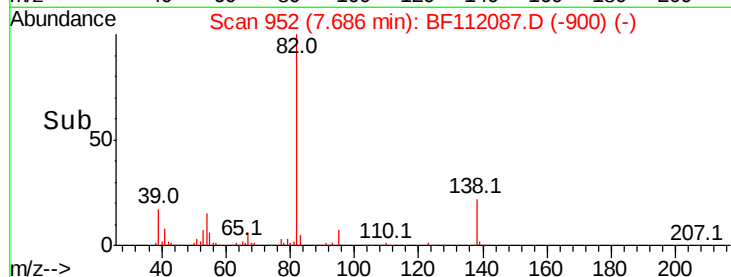
138 21.0 15.4 23.0



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: 48.857 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.00 min

Lab File: BF112087.D

Acq: 17 Jan 2019 14:17

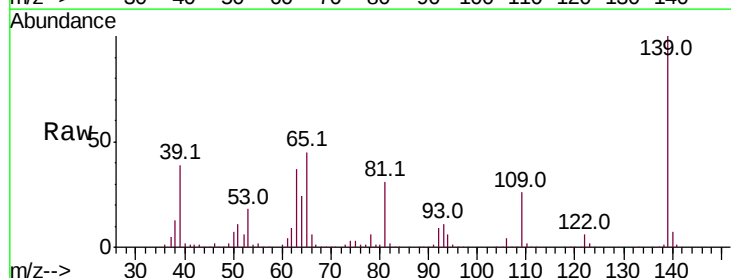
Tgt Ion:139 Resp: 488904

Ion Ratio Lower Upper

139 100

109 26.1 20.8 31.2

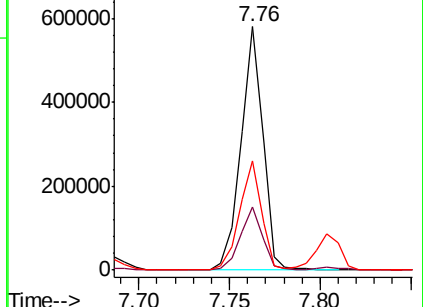
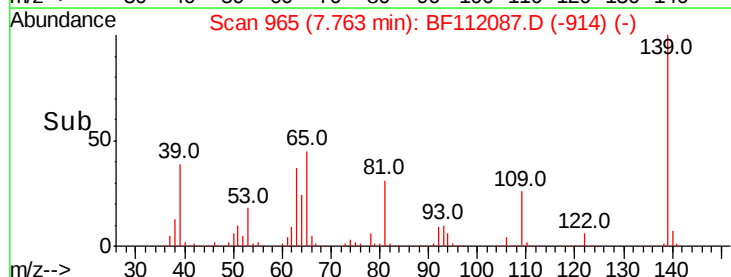
65 45.0 34.4 51.6

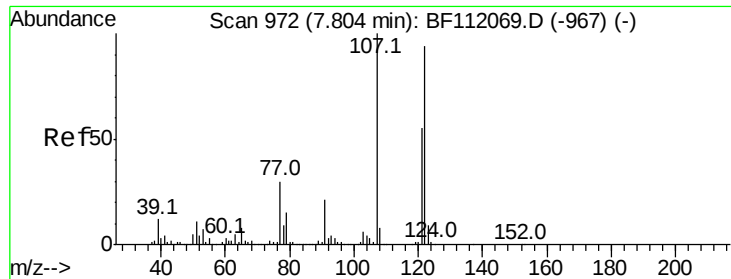


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 51.341 ng

RT: 7.80 min Scan# 972

Delta R.T. -0.00 min

Lab File: BF112087.D

Acq: 17 Jan 2019 14:17

Instrument :

BNA_F

ClientSampleId :

JDHS-SOUTH-1MSD

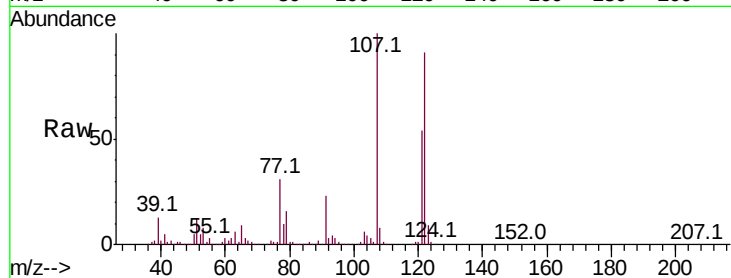
Tot Ion:122 Resp: 844215

Ion Ratio Lower Upper

122 100

107 109.7 85.4 128.0

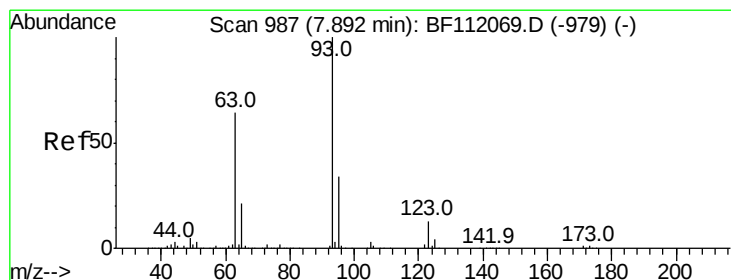
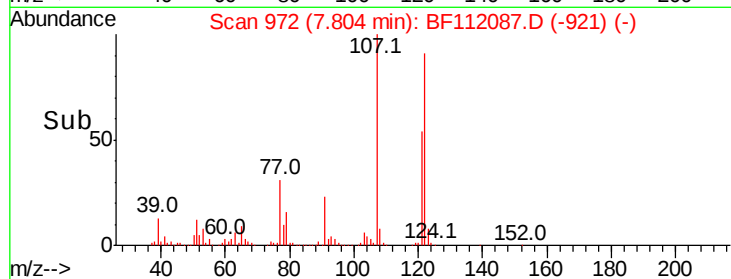
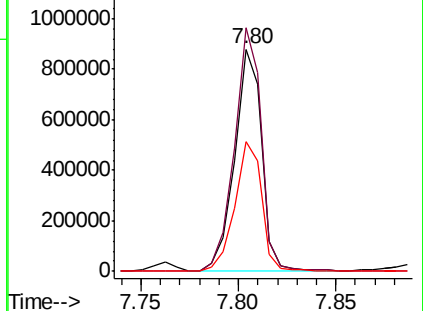
121 58.7 47.0 70.4



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: 46.091 ng

RT: 7.89 min Scan# 987

Delta R.T. -0.00 min

Lab File: BF112087.D

Acq: 17 Jan 2019 14:17

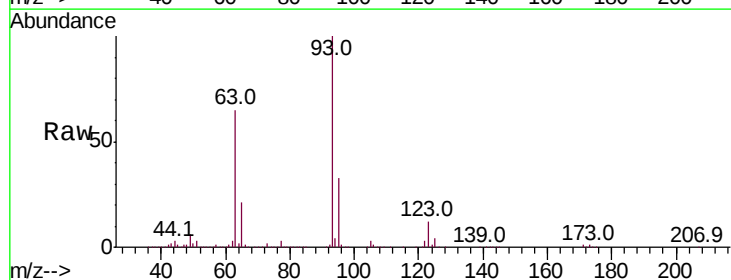
Tgt Ion: 93 Resp: 1119971

Ion Ratio Lower Upper

93 100

95 33.3 26.8 40.2

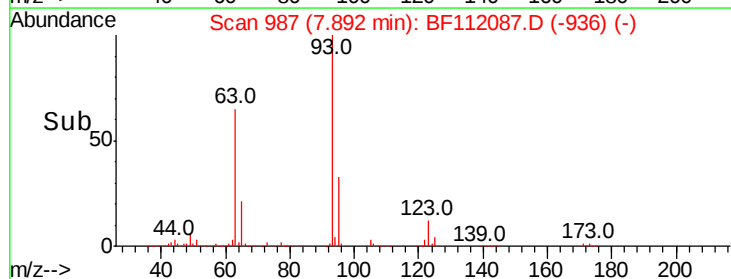
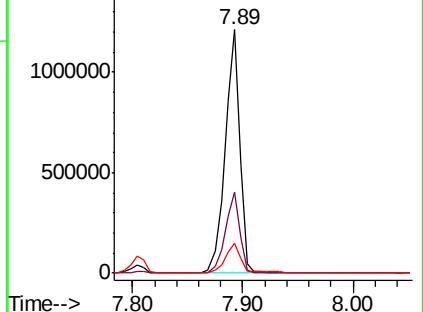
123 12.3 10.2 15.2

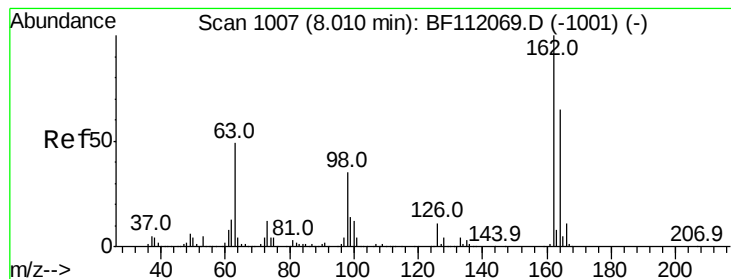


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 45.977 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.00 min

Lab File: BF112087.D

Acq: 17 Jan 2019 14:17

Instrument :

BNA_F

ClientSampleId :

JDHS-SOUTH-1MSD

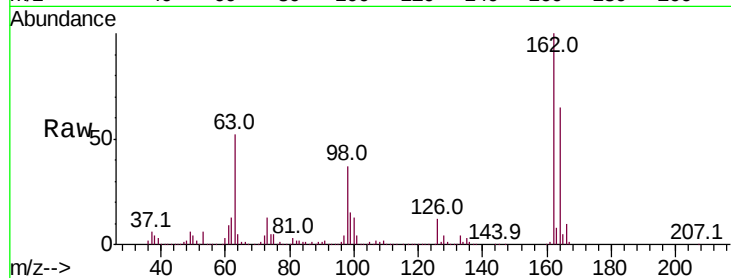
Tot Ion:162 Resp: 825873

Ion Ratio Lower Upper

162 100

164 65.3 44.6 84.6

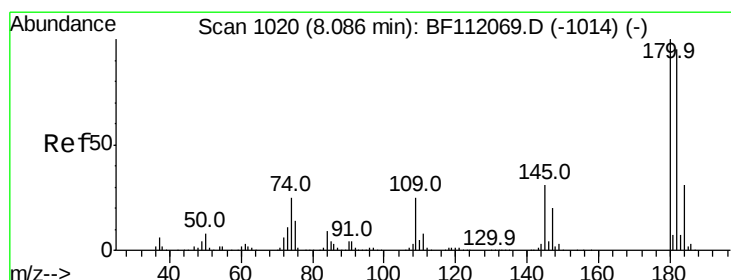
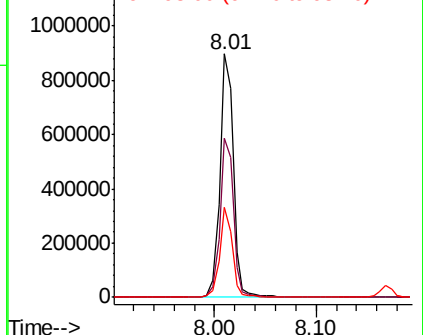
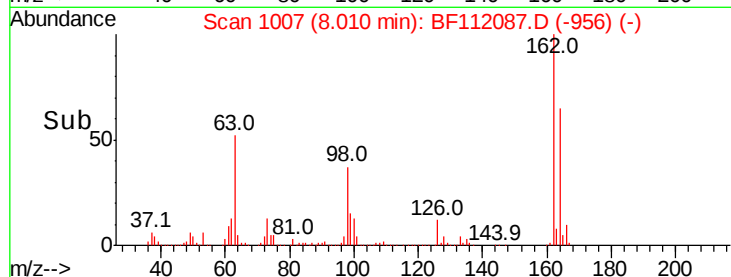
98 36.8 14.6 54.6



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 42.560 ng

RT: 8.09 min Scan# 1021

Delta R.T. 0.01 min

Lab File: BF112087.D

Acq: 17 Jan 2019 14:17

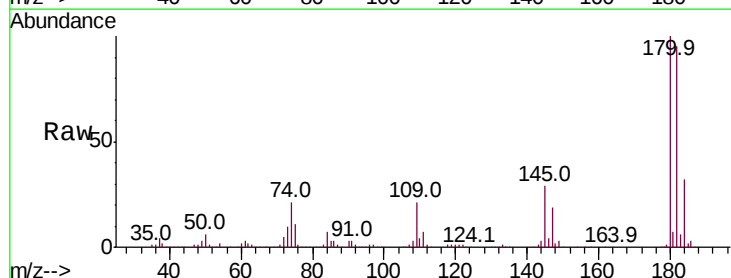
Tgt Ion:180 Resp: 887189

Ion Ratio Lower Upper

180 100

182 95.1 76.4 114.6

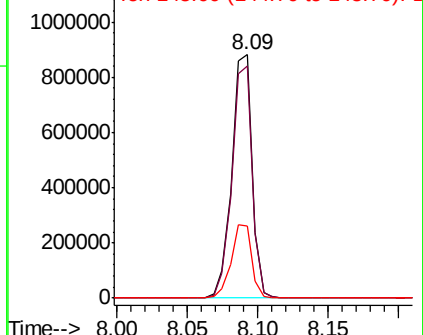
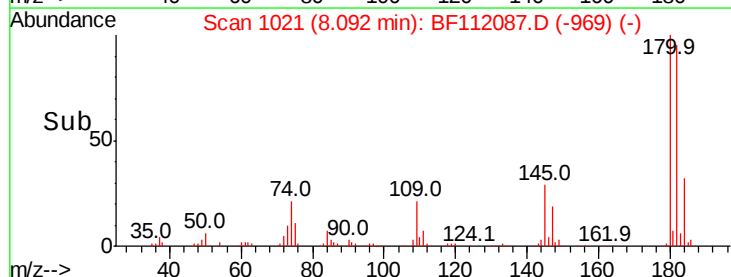
145 29.4 25.0 37.4

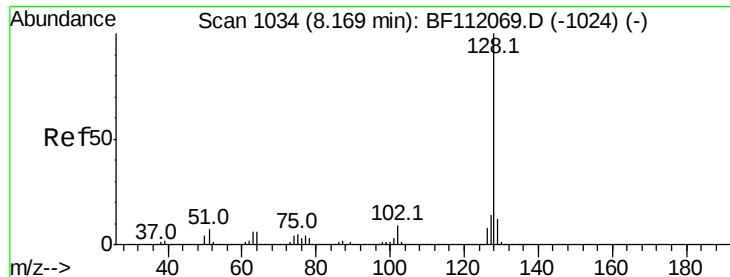


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 45.278 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF112087.D

Acq: 17 Jan 2019 14:17

Instrument :

BNA_F

ClientSampleId :

JDHS-SOUTH-1MSD

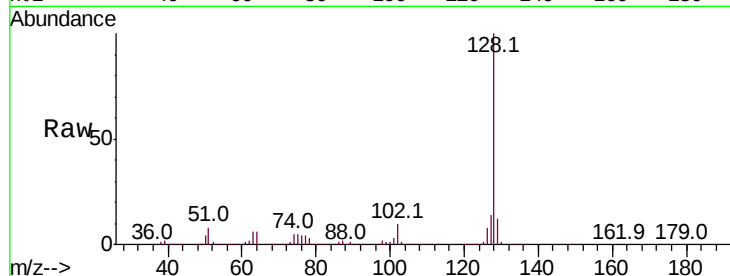
Tot Ion:128 Resp: 2609426

Ion Ratio Lower Upper

128 100

129 12.3 9.6 14.4

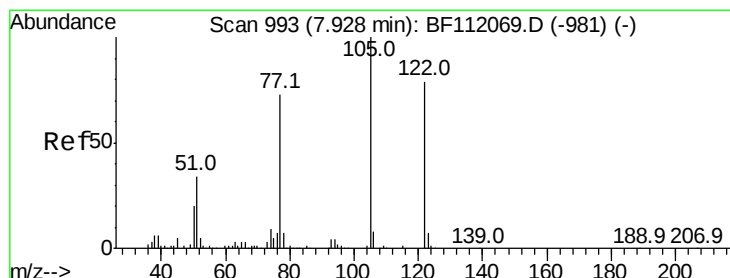
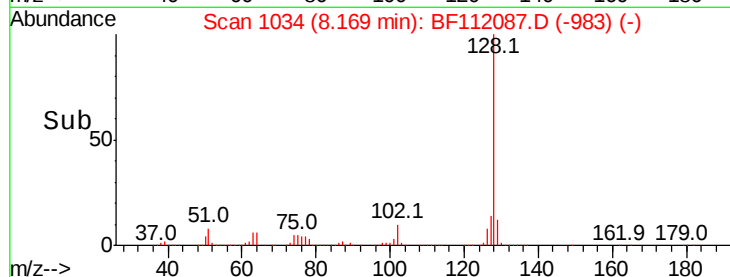
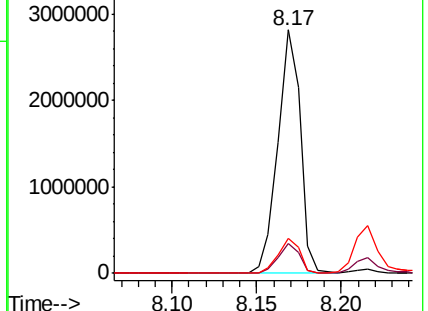
127 14.5 11.1 16.7



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: 37.939 ng

RT: 7.93 min Scan# 993

Delta R.T. 0.00 min

Lab File: BF112087.D

Acq: 17 Jan 2019 14:17

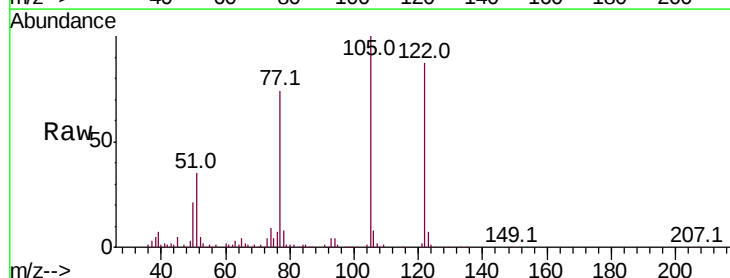
Tgt Ion:122 Resp: 258428

Ion Ratio Lower Upper

122 100

105 115.1 101.2 141.2

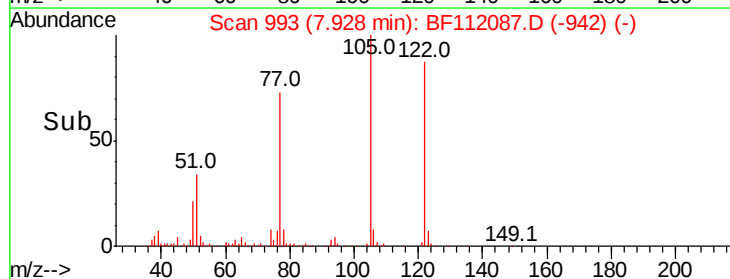
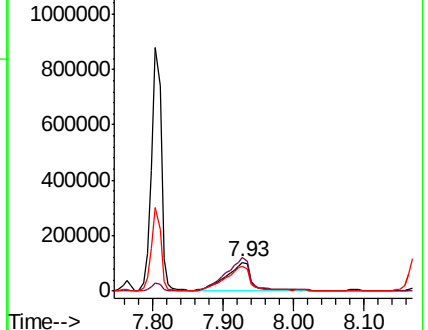
77 85.5 70.4 110.4

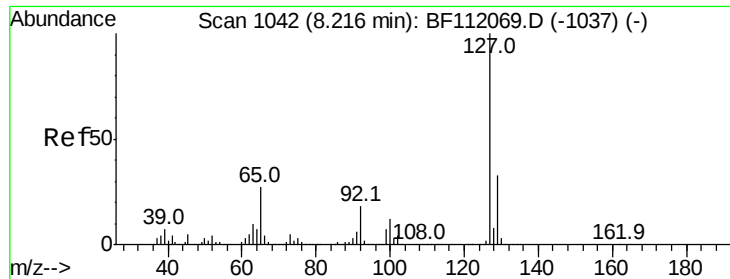


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

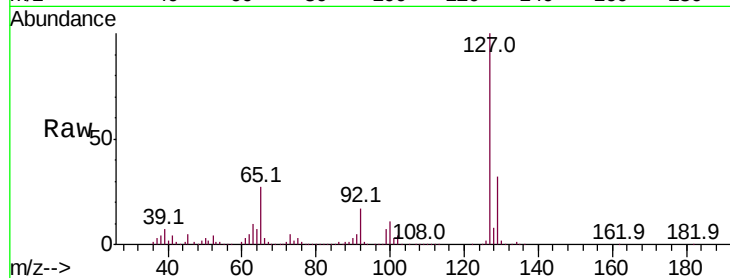




#33
4-Chloroaniline
Concen: 22.557 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BF112087.D
Acq: 17 Jan 2019 14:17

Instrument :
BNA_F
ClientSampleId :
JDHS-SOUTH-1MSD

Tot Ion:127	Resp:	584240
Ion	Ratio	Lower Upper
127	100	
129	32.4	26.6 39.8
65	26.6	21.4 32.2
92	17.4	14.2 21.2



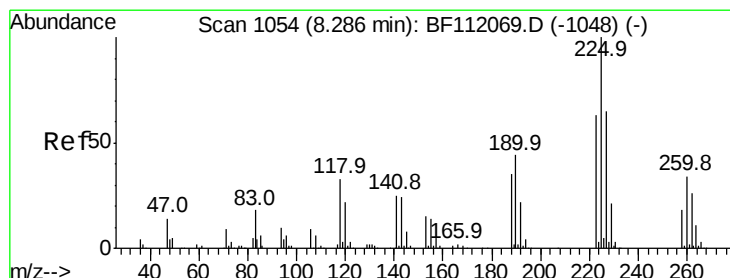
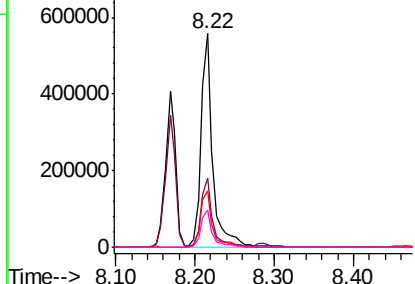
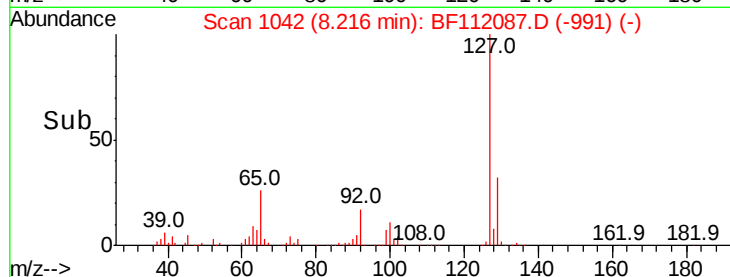
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

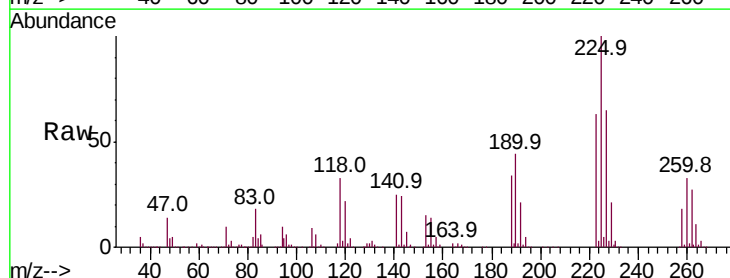
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 40.970 ng
RT: 8.29 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BF112087.D
Acq: 17 Jan 2019 14:17

Tgt Ion:225	Resp:	475287
Ion	Ratio	Lower Upper
225	100	
223	62.7	50.3 75.5
227	64.8	51.8 77.8

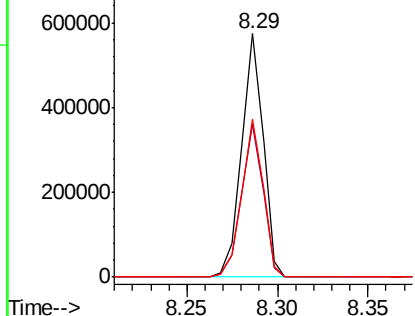
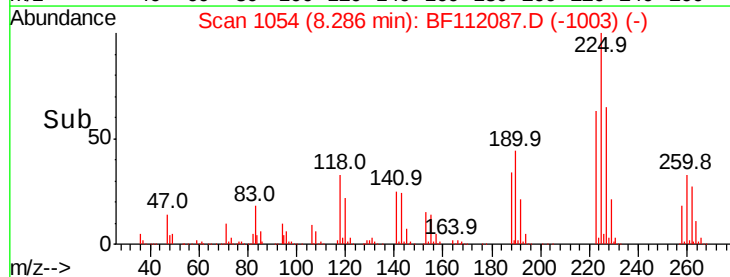


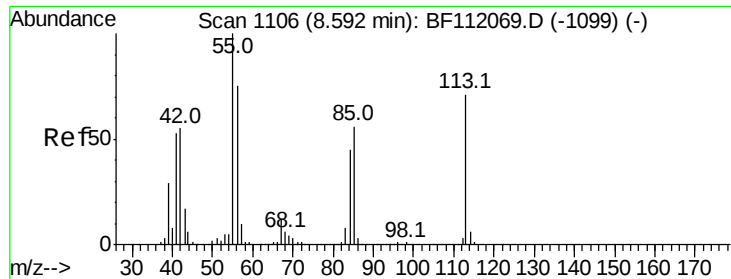
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 25.194 ng

RT: 8.59 min Scan# 1105

Delta R.T. -0.01 min

Lab File: BF112087.D

Acq: 17 Jan 2019 14:17

Instrument :

BNA_F

ClientSampleId :

JDHS-SOUTH-1MSD

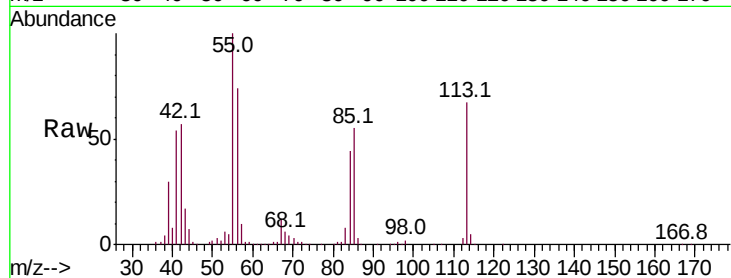
Tot Ion:113 Resp: 158391

Ion Ratio Lower Upper

113 100

55 149.8 121.6 161.6

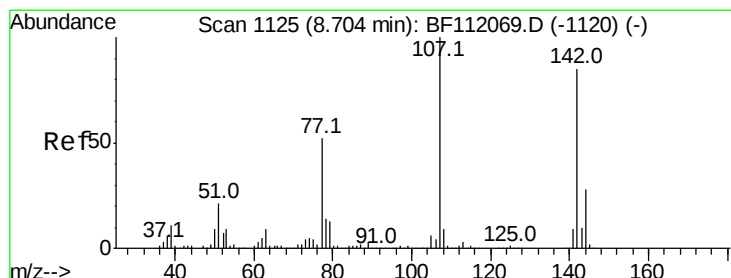
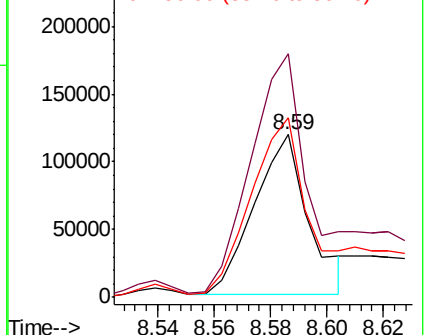
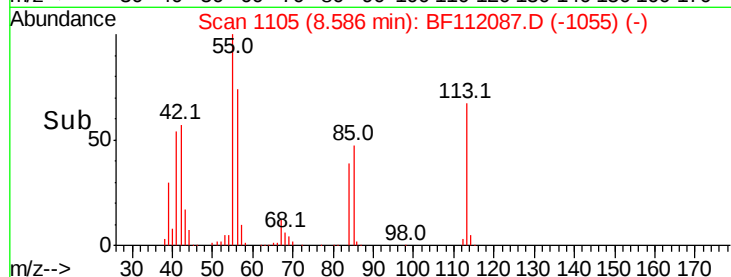
56 110.7 86.7 126.7



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: 45.498 ng

RT: 8.72 min Scan# 1127

Delta R.T. 0.01 min

Lab File: BF112087.D

Acq: 17 Jan 2019 14:17

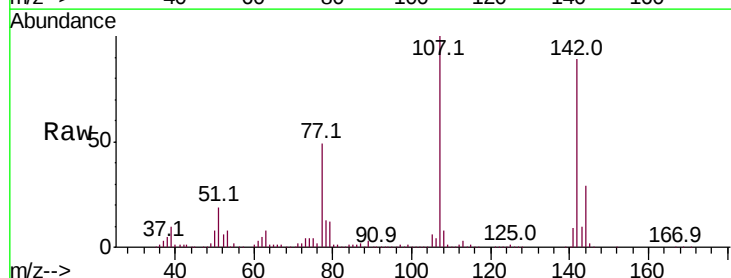
Tgt Ion:107 Resp: 798221

Ion Ratio Lower Upper

107 100

144 29.1 22.2 33.2

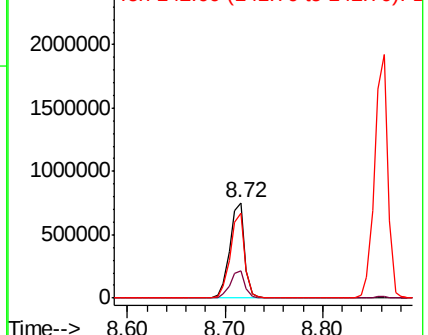
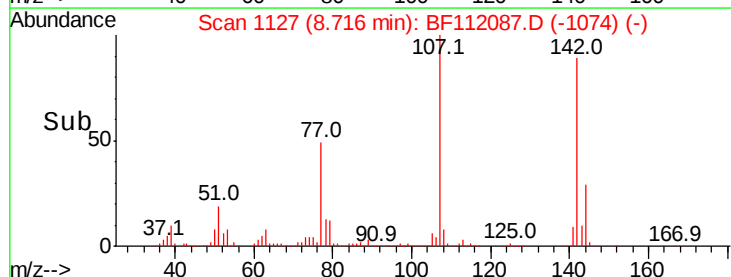
142 88.9 67.7 101.5

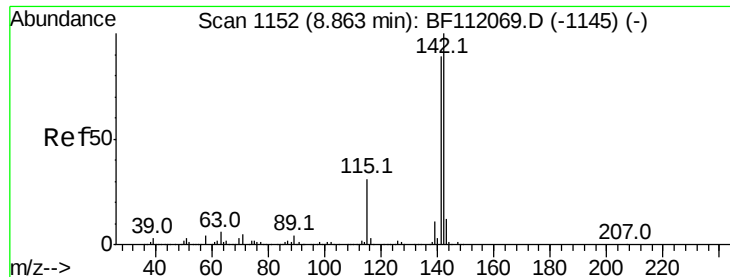


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

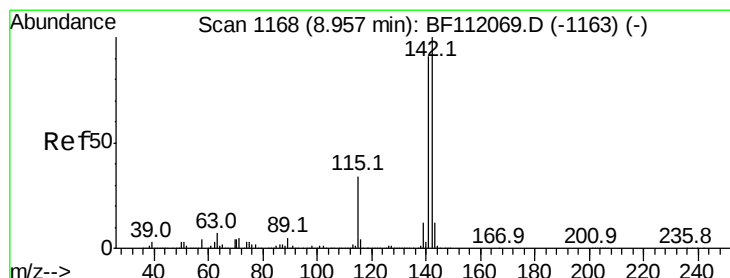
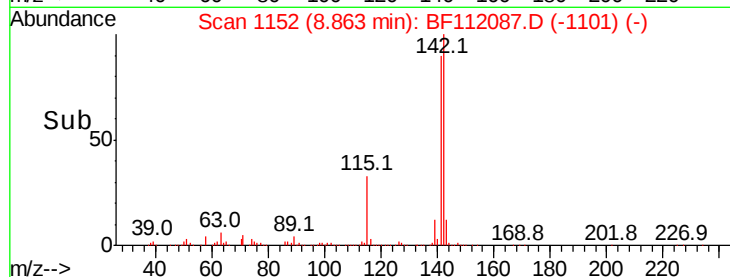
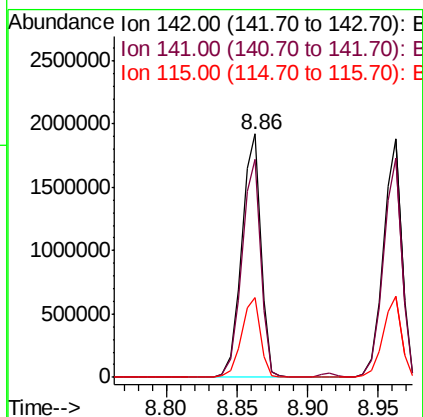
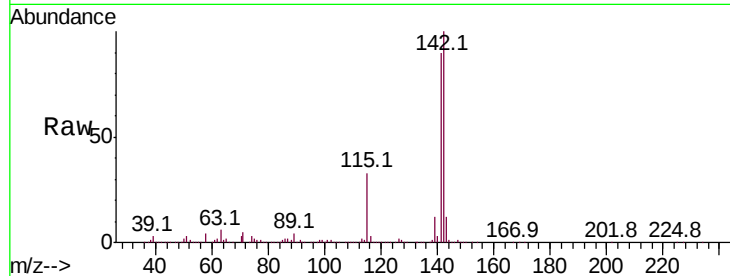




#37
2-Methylnaphthalene
Concen: 46.452 ng
RT: 8.86 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BF112087.D
Acq: 17 Jan 2019 14:17

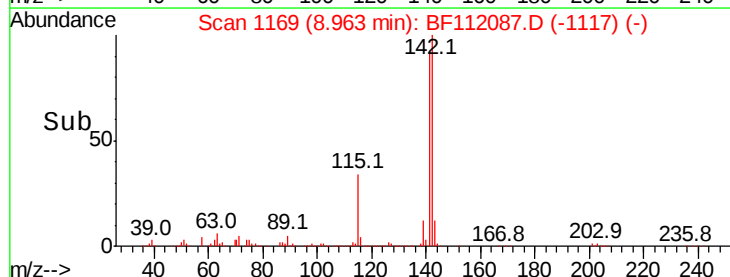
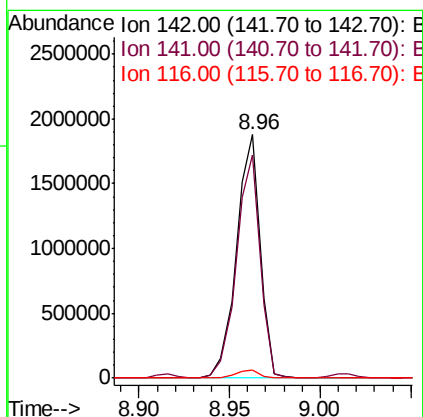
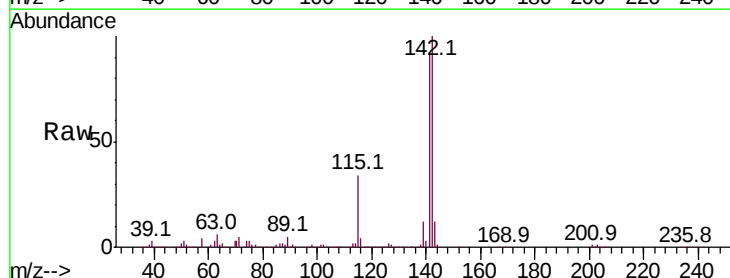
Instrument :
BNA_F
ClientSampleId :
JDHS-SOUTH-1MSD

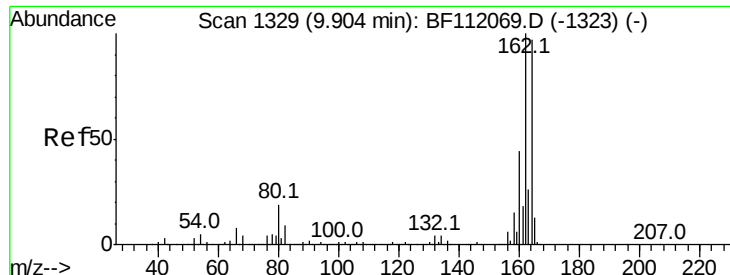
Tot Ion:142 Resp: 1817854
Ion Ratio Lower Upper
142 100
141 89.7 70.9 106.3
115 32.5 24.9 37.3



#38
1-Methylnaphthalene
Concen: 45.018 ng
RT: 8.96 min Scan# 1169
Delta R.T. 0.01 min
Lab File: BF112087.D
Acq: 17 Jan 2019 14:17

Tgt Ion:142 Resp: 1693122
Ion Ratio Lower Upper
142 100
141 91.9 72.6 108.8
116 3.6 2.8 4.2

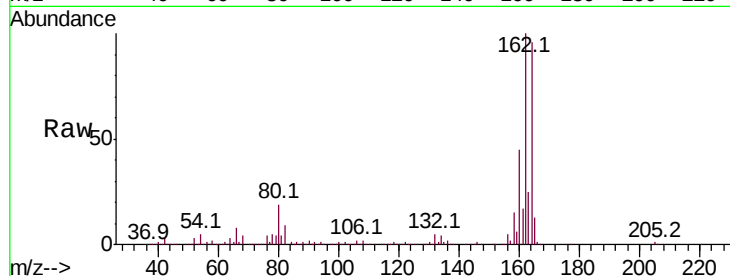




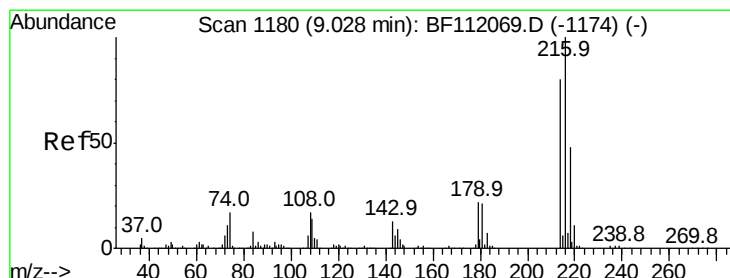
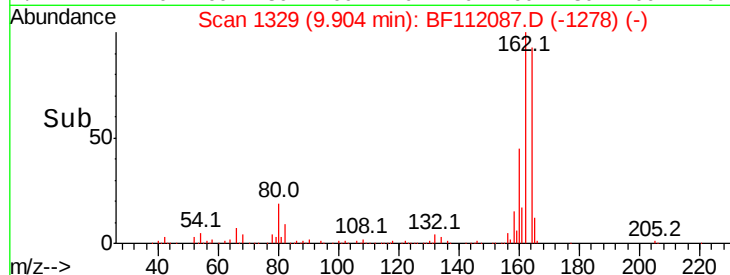
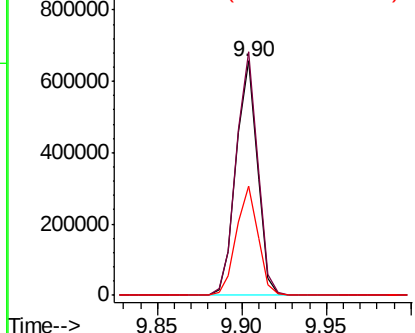
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.00 min
 Lab File: BF112087.D
 Acq: 17 Jan 2019 14:17

Instrument :
 BNA_F
 ClientSampleId :
 JDHS-SOUTH-1MSD

Tot Ion:164 Resp: 576630
 Ion Ratio Lower Upper
 164 100
 162 104.0 82.2 123.4
 160 46.6 36.2 54.4



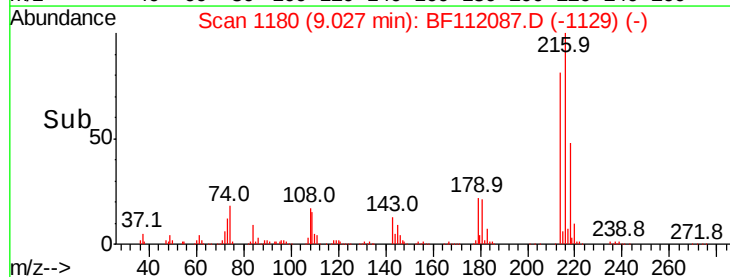
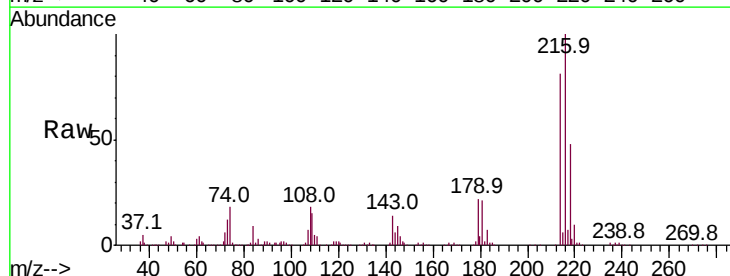
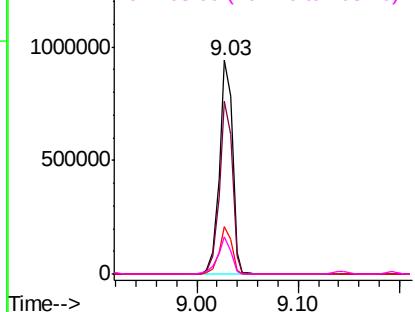
Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

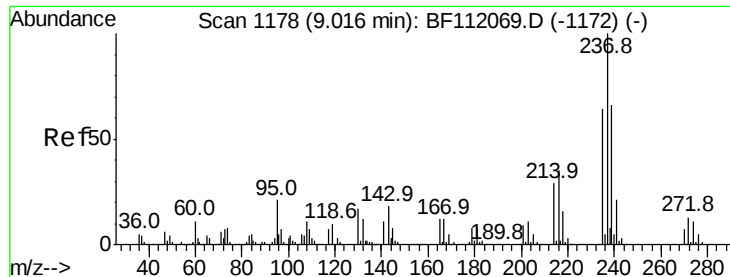


#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.326 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF112087.D
 Acq: 17 Jan 2019 14:17

Tgt Ion:216 Resp: 839265
 Ion Ratio Lower Upper
 216 100
 214 79.7 63.8 95.6
 179 21.3 16.9 25.3
 108 17.6 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: 37.834 ng

RT: 9.02 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BF112087.D

Acq: 17 Jan 2019 14:17

Instrument :

BNA_F

ClientSampleId :

JDHS-SOUTH-1MSD

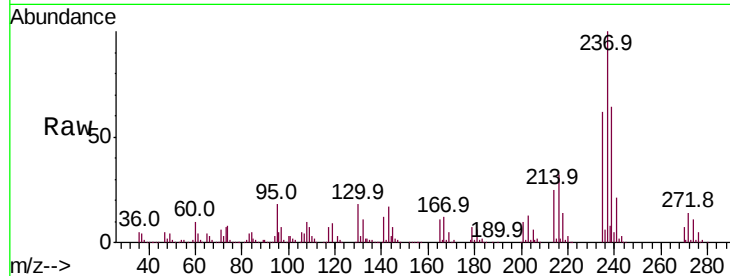
Tot Ion:237 Resp: 245922

Ion Ratio Lower Upper

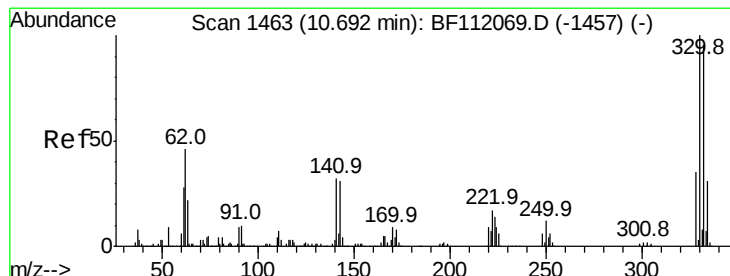
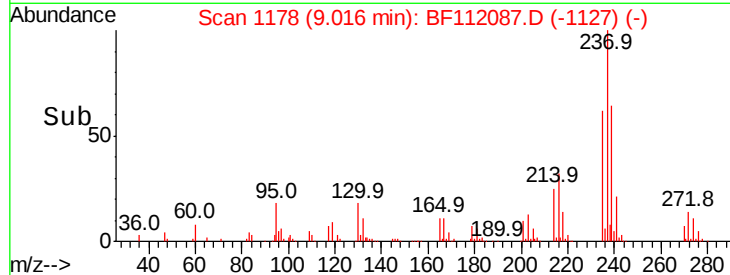
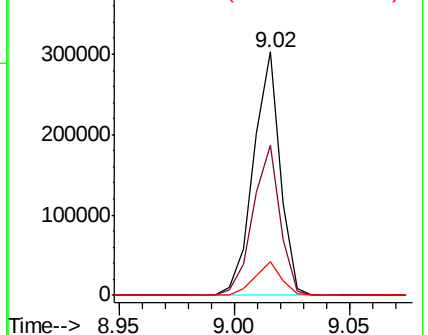
237 100

235 61.7 44.0 84.0

272 14.0 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: 127.523 ng

RT: 10.70 min Scan# 1464

Delta R.T. 0.01 min

Lab File: BF112087.D

Acq: 17 Jan 2019 14:17

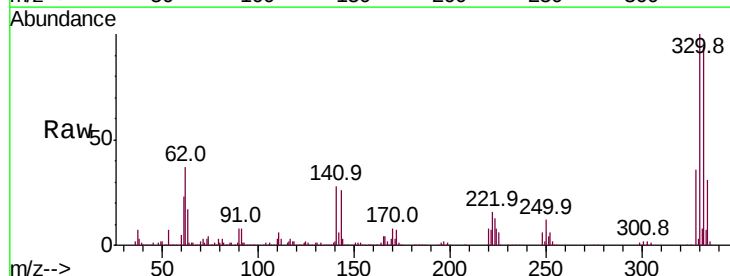
Tgt Ion:330 Resp: 793263

Ion Ratio Lower Upper

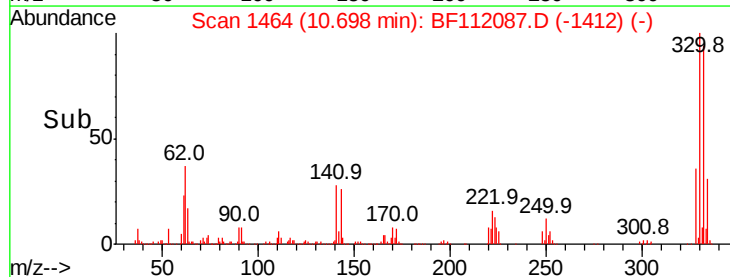
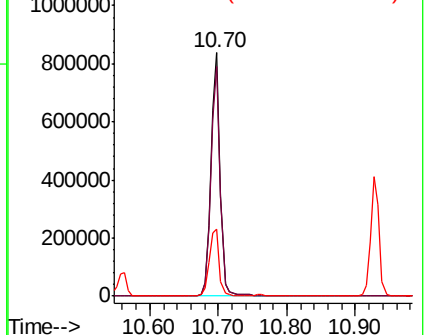
330 100

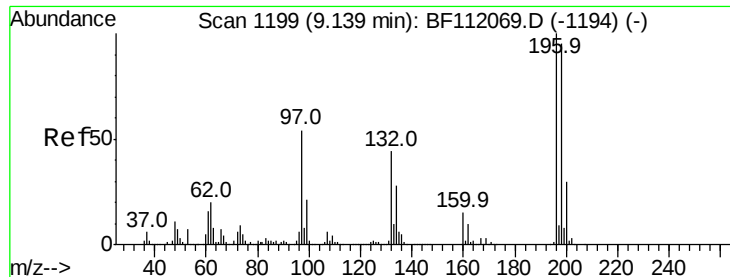
332 95.6 76.6 114.8

141 29.9 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

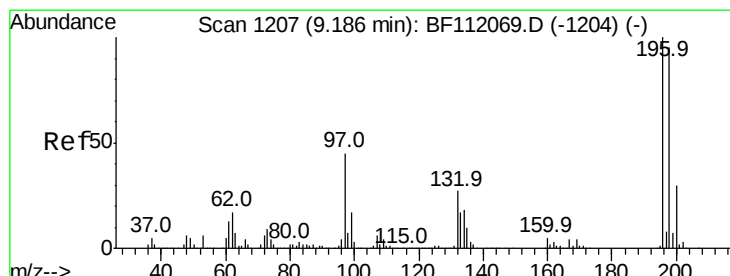
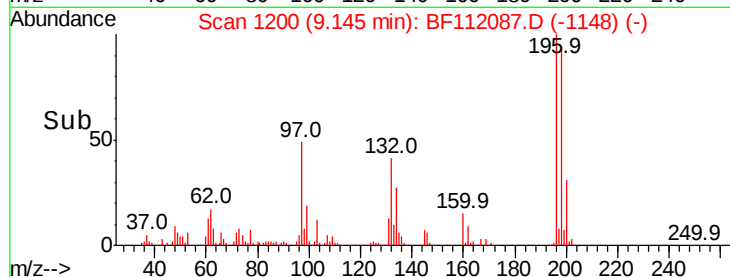
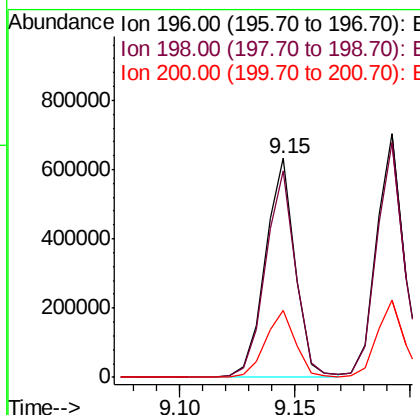
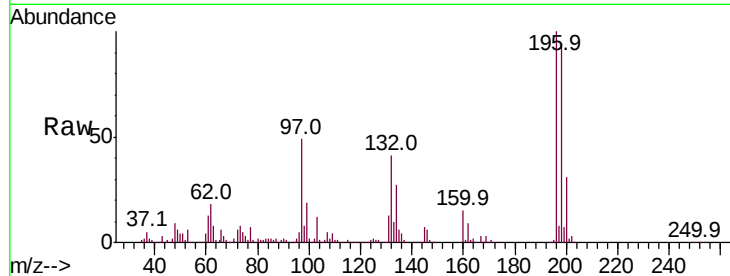




#43
 2,4,6-Trichlorophenol
 Concen: 51.265 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.01 min
 Lab File: BF112087.D
 Acq: 17 Jan 2019 14:17

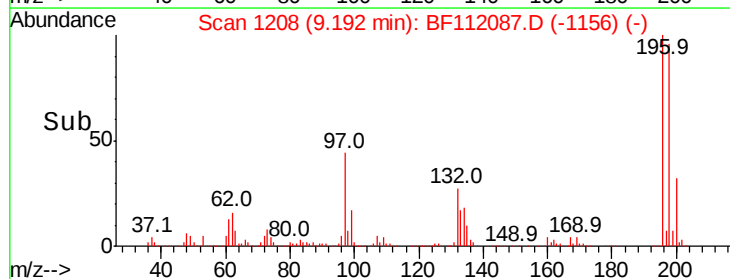
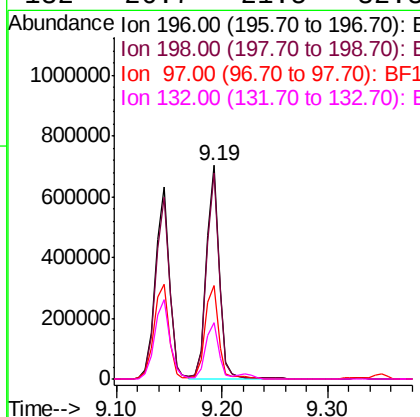
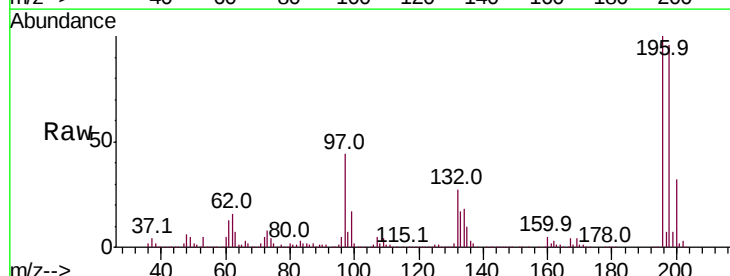
Instrument :
 BNA_F
 ClientSampleId :
 JDHS-SOUTH-1MSD

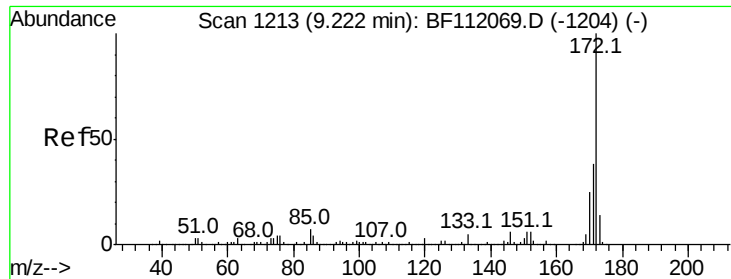
Tot Ion:196 Resp: 567858
 Ion Ratio Lower Upper
 196 100
 198 94.4 76.2 114.4
 200 30.7 24.3 36.5



#44
 2,4,5-Trichlorophenol
 Concen: 50.105 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.01 min
 Lab File: BF112087.D
 Acq: 17 Jan 2019 14:17

Tgt Ion:196 Resp: 591118
 Ion Ratio Lower Upper
 196 100
 198 96.4 76.0 114.0
 97 44.0 36.4 54.6
 132 26.7 21.5 32.3

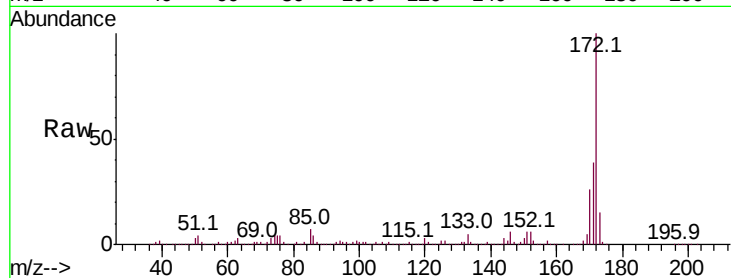




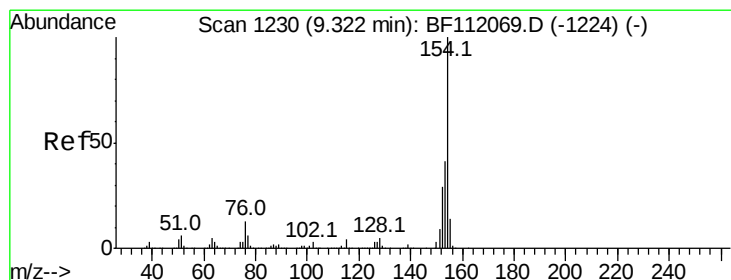
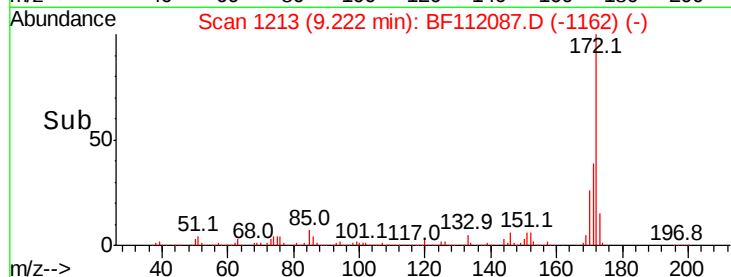
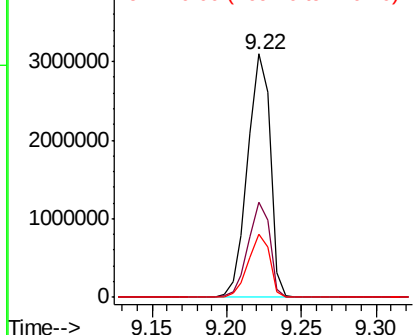
#45
2-Fluorobiphenyl
Concen: 82.438 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.00 min
Lab File: BF112087.D
Acq: 17 Jan 2019 14:17

Instrument :
BNA_F
ClientSampleId :
JDHS-SOUTH-1MSD

Tot Ion:172 Resp: 3242352
Ion Ratio Lower Upper
172 100
171 39.0 30.5 45.7
170 26.1 20.2 30.4

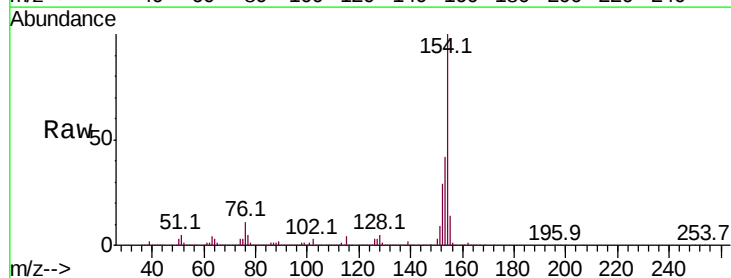


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

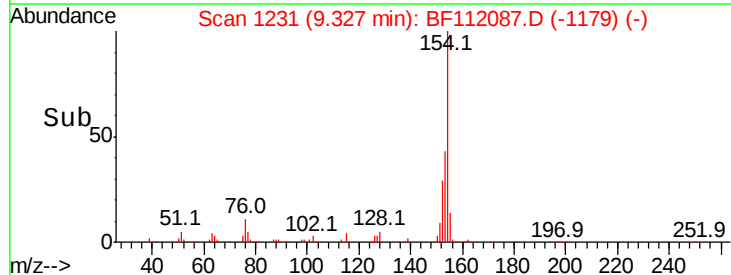
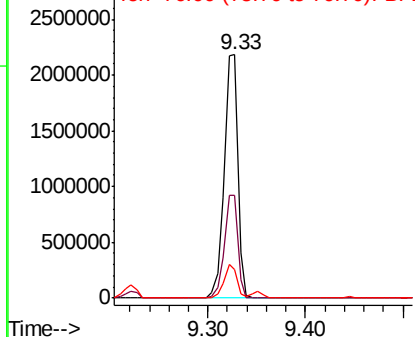


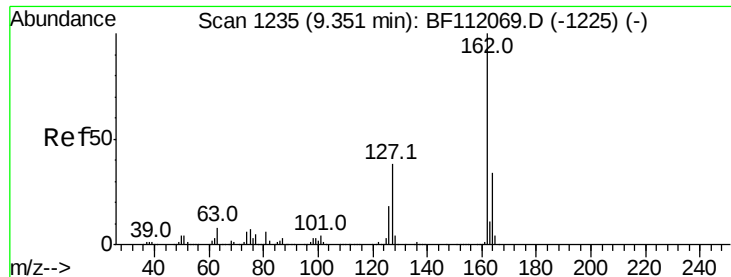
#46
1,1'-Biphenyl
Concen: 43.859 ng
RT: 9.33 min Scan# 1231
Delta R.T. 0.01 min
Lab File: BF112087.D
Acq: 17 Jan 2019 14:17

Tgt Ion:154 Resp: 2114690
Ion Ratio Lower Upper
154 100
153 42.5 21.5 61.5
76 11.5 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: 43.789 ng

RT: 9.35 min Scan# 1235

Delta R.T. -0.00 min

Lab File: BF112087.D

Acq: 17 Jan 2019 14:17

Instrument :

BNA_F

ClientSampleId :

JDHS-SOUTH-1MSD

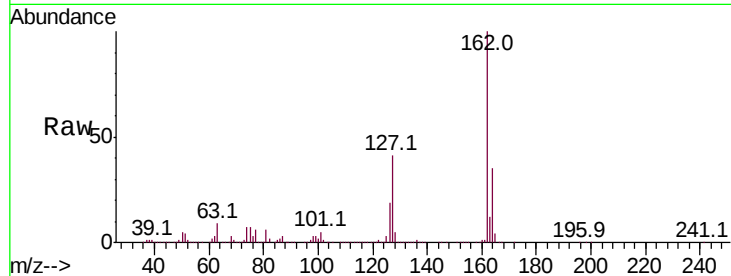
Tot Ion:162 Resp: 1652674

Ion Ratio Lower Upper

162 100

127 40.7 30.4 45.6

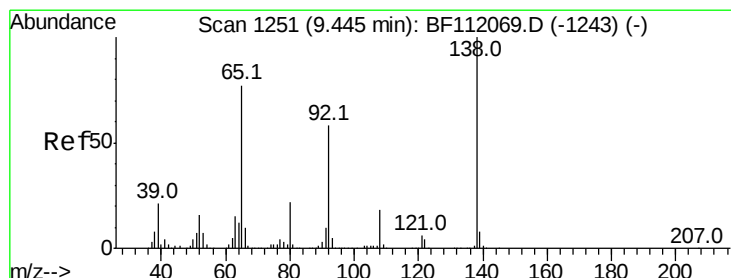
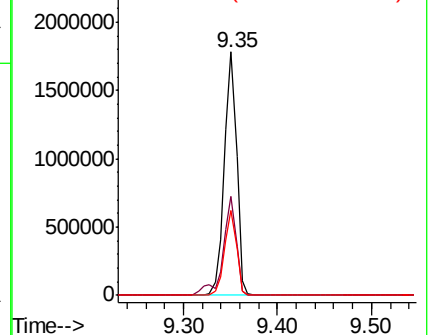
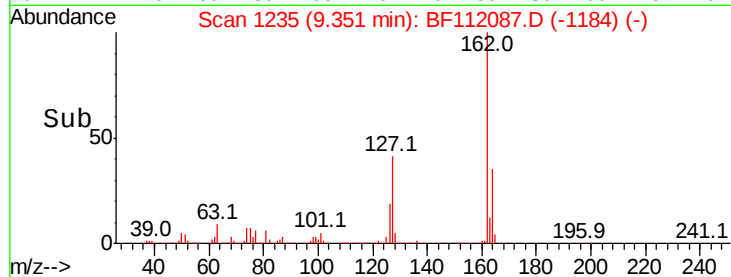
164 34.8 27.4 41.2



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: 55.348 ng

RT: 9.45 min Scan# 1251

Delta R.T. -0.00 min

Lab File: BF112087.D

Acq: 17 Jan 2019 14:17

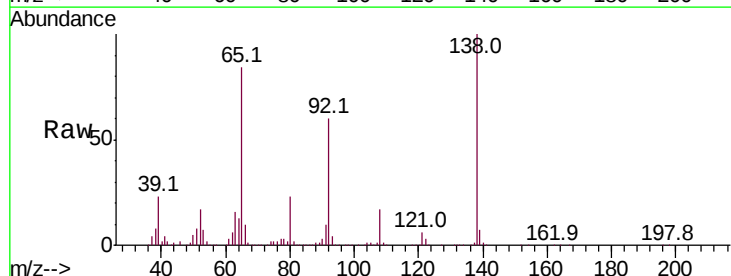
Tgt Ion: 65 Resp: 470520

Ion Ratio Lower Upper

65 100

92 71.0 60.4 90.6

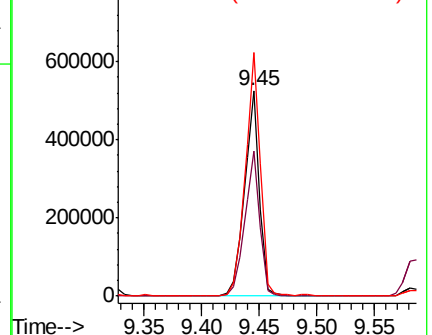
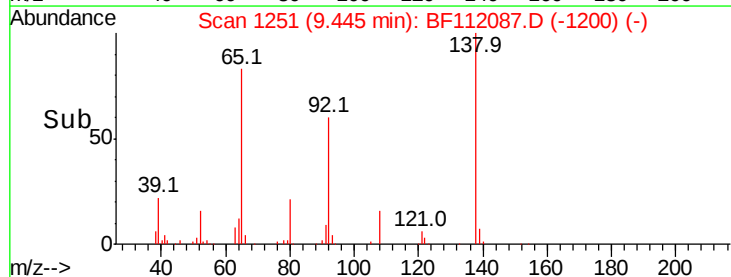
138 118.6 104.4 156.6

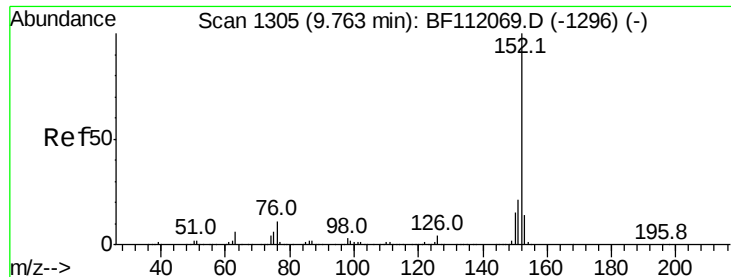


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 45.625 ng

RT: 9.77 min Scan# 1306

Delta R.T. 0.01 min

Lab File: BF112087.D

Acq: 17 Jan 2019 14:17

Instrument :

BNA_F

ClientSampleId :

JDHS-SOUTH-1MSD

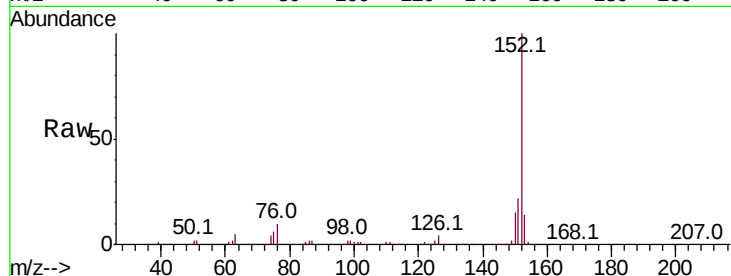
Tot Ion:152 Resp: 2512866

Ion Ratio Lower Upper

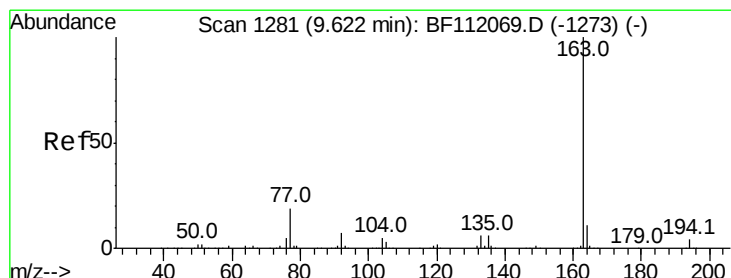
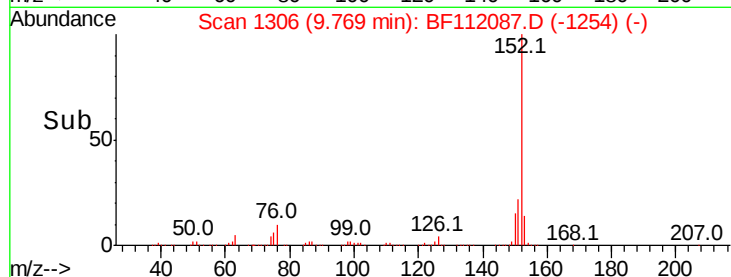
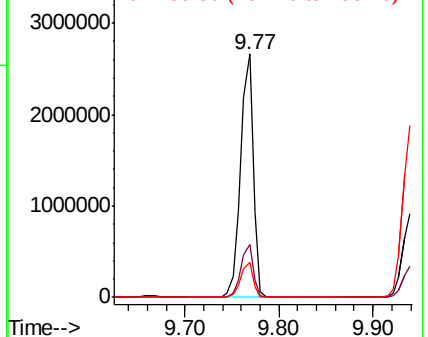
152 100

151 21.6 17.0 25.6

153 14.2 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: 54.475 ng

RT: 9.63 min Scan# 1282

Delta R.T. 0.01 min

Lab File: BF112087.D

Acq: 17 Jan 2019 14:17

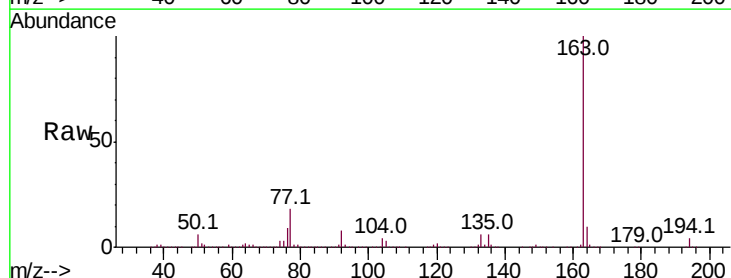
Tgt Ion:163 Resp: 2290814

Ion Ratio Lower Upper

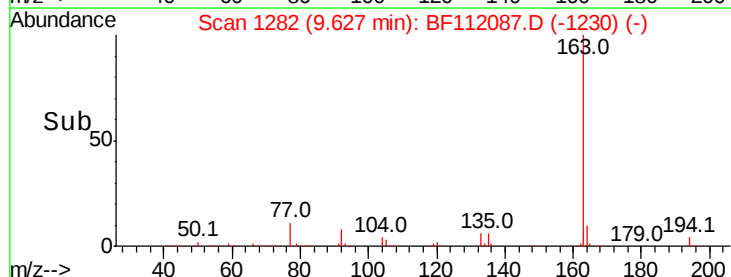
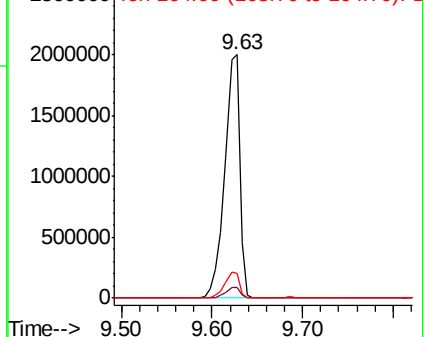
163 100

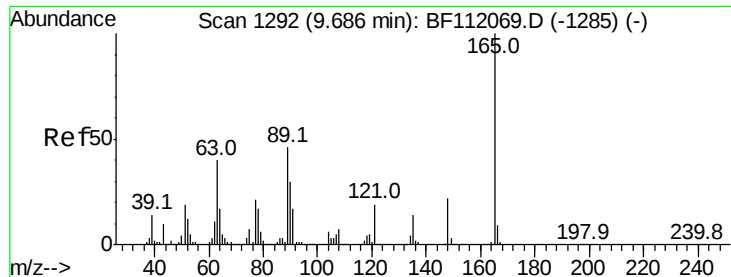
194 4.5 3.3 4.9

164 10.3 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

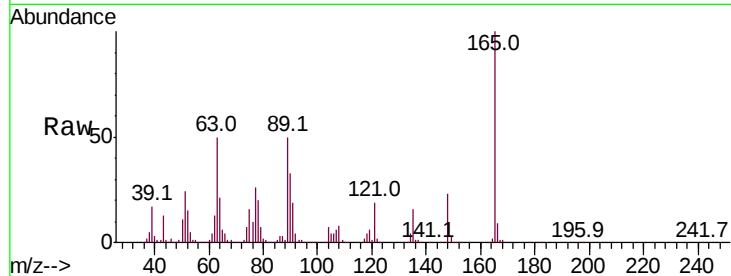




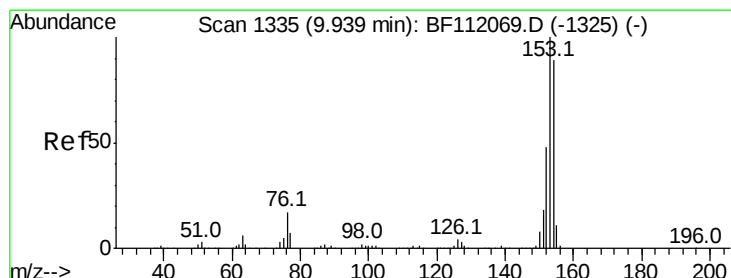
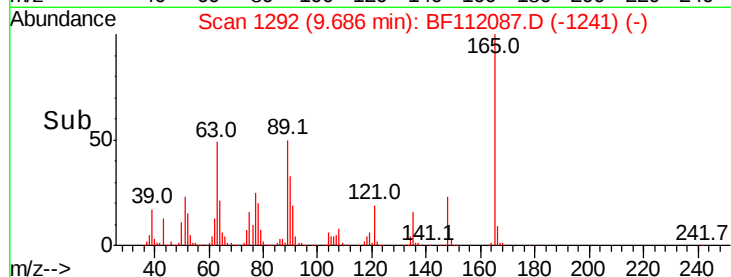
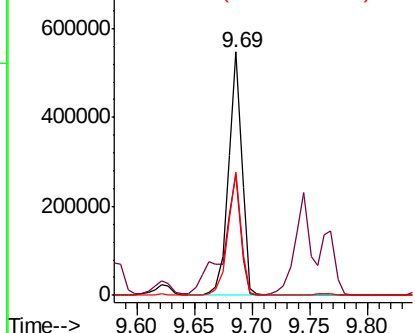
#51
2,6-Dinitrotoluene
Concen: 52.155 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BF112087.D
Acq: 17 Jan 2019 14:17

Instrument :
BNA_F
ClientSampleId :
JDHS-SOUTH-1MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	49.5	33.8	50.8
89	50.5	36.9	55.3

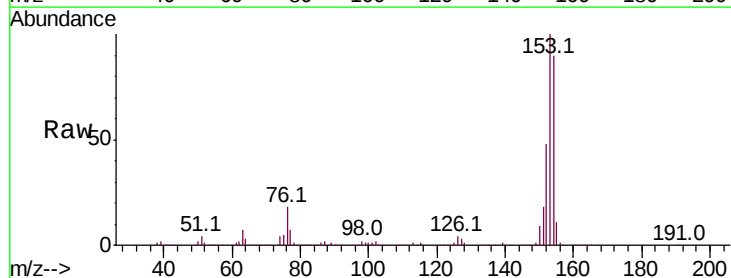


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

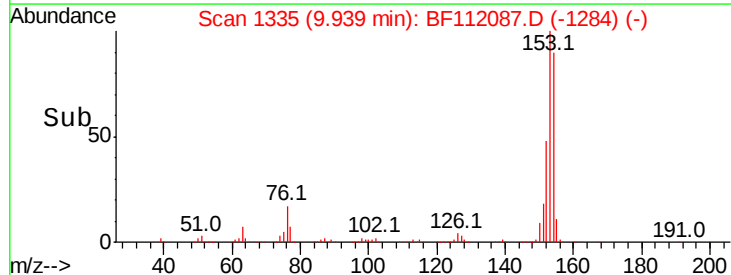
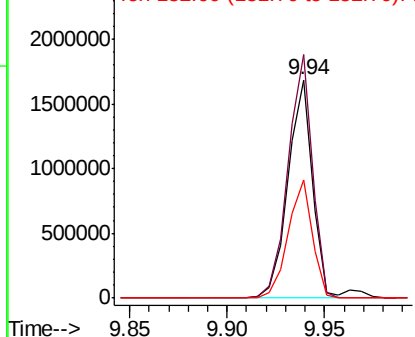


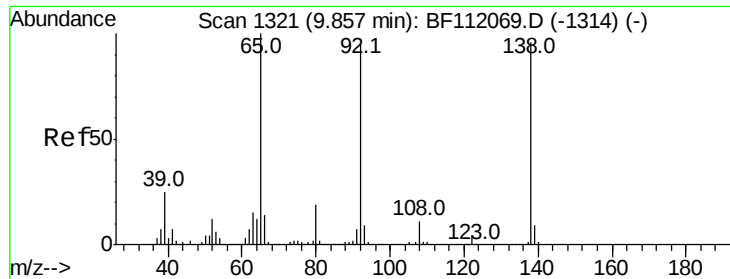
#52
Acenaphthene
Concen: 43.440 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BF112087.D
Acq: 17 Jan 2019 14:17

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.5	89.8	134.6
152	54.0	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

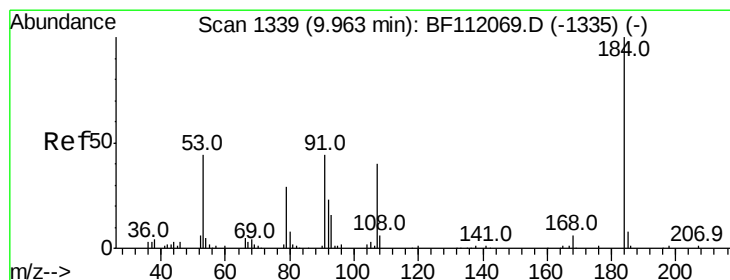
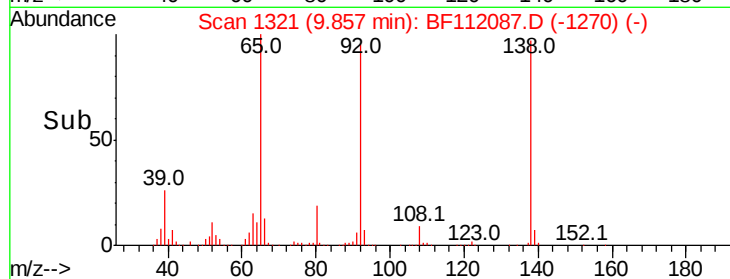
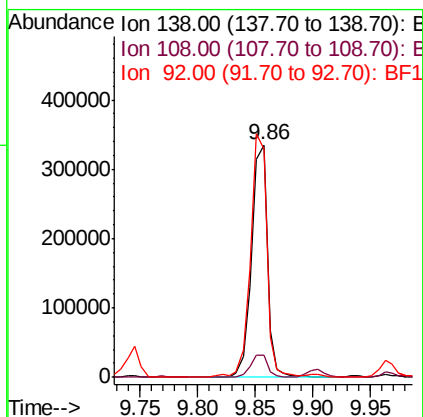
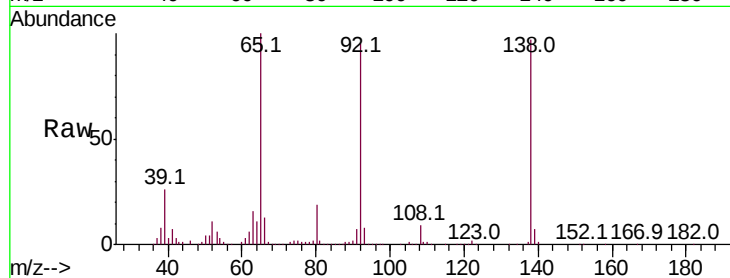




#53
3-Nitroaniline
Concen: 34.323 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BF112087.D
Acq: 17 Jan 2019 14:17

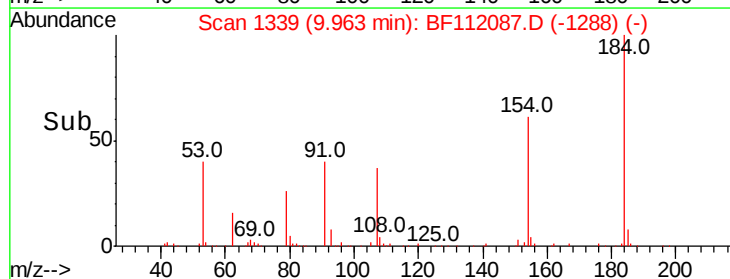
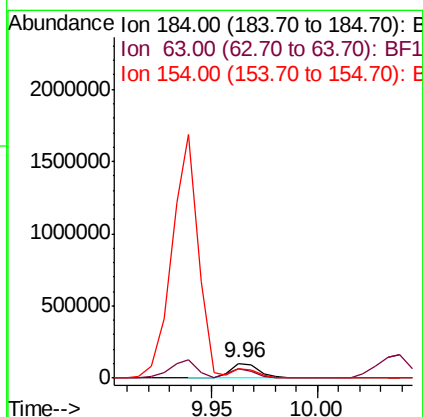
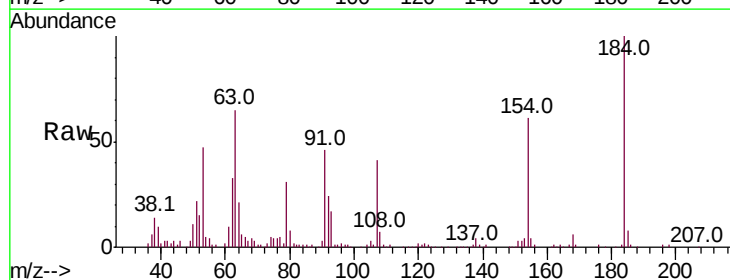
Instrument :
BNA_F
ClientSampleId :
JDHS-SOUTH-1MSD

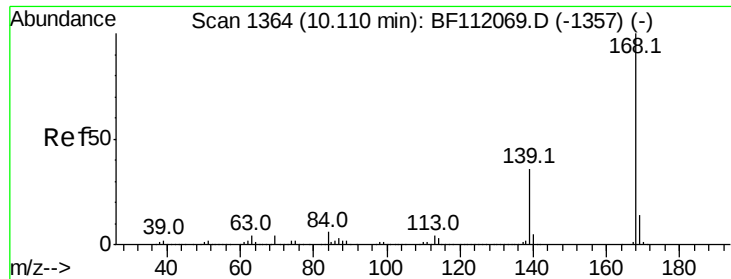
Tot Ion:138 Resp: 322331
Ion Ratio Lower Upper
138 100
108 9.6 9.8 14.6#
92 98.3 79.4 119.2



#54
2,4-Dinitrophenol
Concen: 49.240 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF112087.D
Acq: 17 Jan 2019 14:17

Tgt Ion:184 Resp: 100549
Ion Ratio Lower Upper
184 100
63 65.3 47.1 70.7
154 61.1 48.9 73.3





#55

Dibenzofuran

Concen: 42.758 ng

RT: 10.11 min Scan# 1364

Delta R.T. -0.00 min

Lab File: BF112087.D

Acq: 17 Jan 2019 14:17

Instrument :

BNA_F

ClientSampleId :

JDHS-SOUTH-1MSD

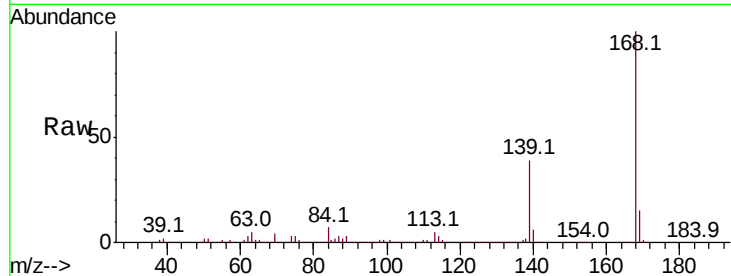
Tot Ion:168 Resp: 2179000

Ion	Ratio	Lower	Upper
168	100		
139	39.0	29.2	43.8
169	14.5	11.4	17.0

168 100

139 39.0 29.2 43.8

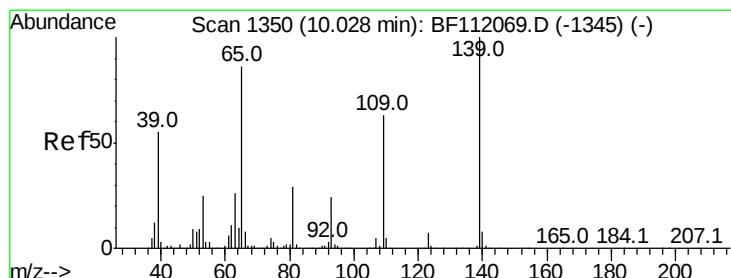
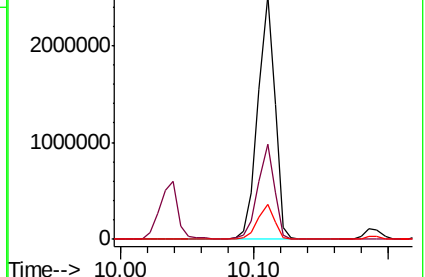
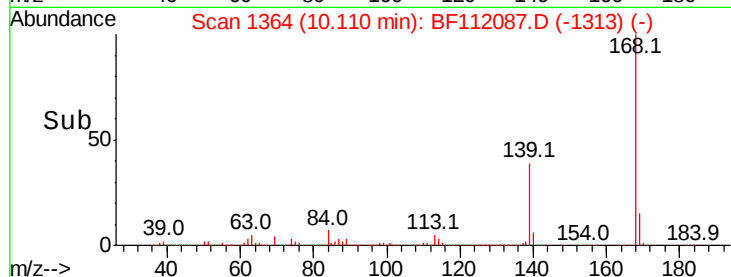
169 14.5 11.4 17.0



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: 86.930 ng

RT: 10.04 min Scan# 1352

Delta R.T. 0.01 min

Lab File: BF112087.D

Acq: 17 Jan 2019 14:17

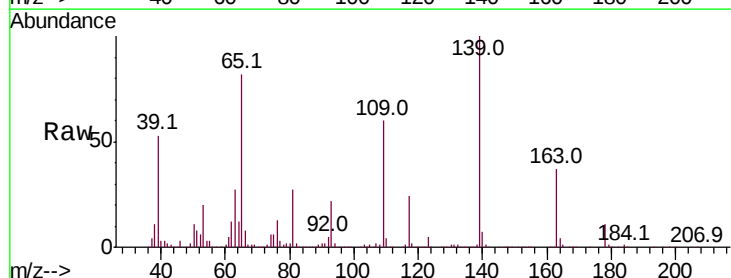
Tgt Ion:139 Resp: 587020

Ion	Ratio	Lower	Upper
139	100		
109	59.9	42.8	82.8
65	81.8	66.1	106.1

139 100

109 59.9 42.8 82.8

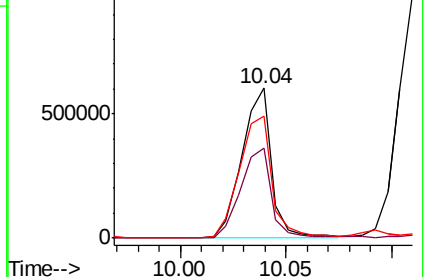
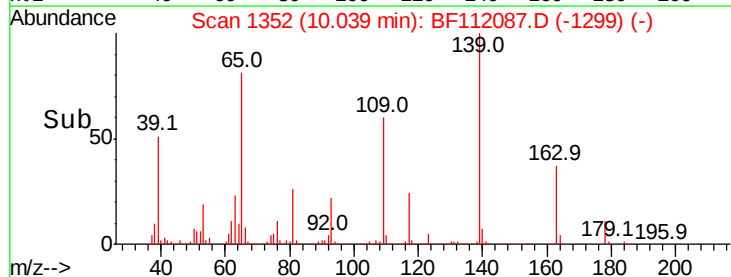
65 81.8 66.1 106.1

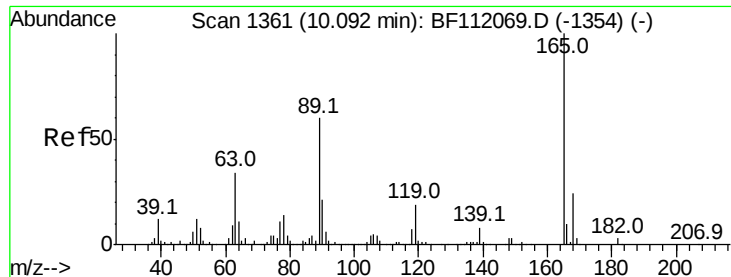


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 49.504 ng

RT: 10.09 min Scan# 1361

Delta R.T. 0.00 min

Lab File: BF112087.D

Acq: 17 Jan 2019 14:17

Instrument :

BNA_F

ClientSampleId :

JDHS-SOUTH-1MSD

Tot Ion:165 Resp: 535387

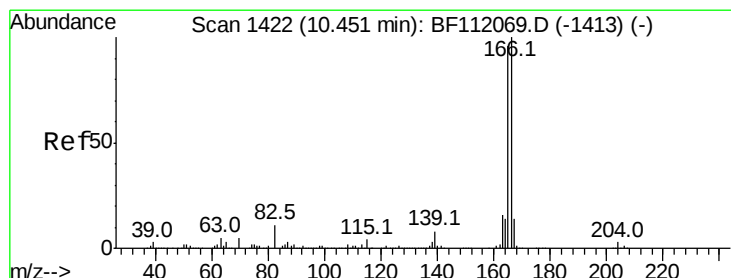
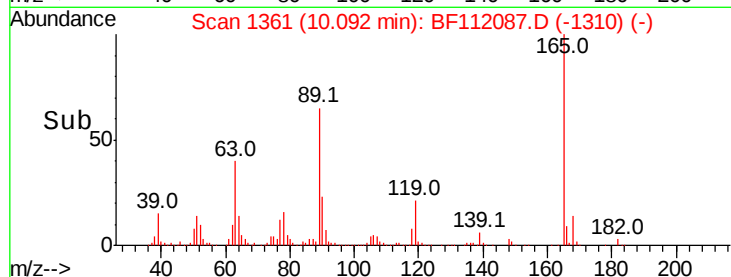
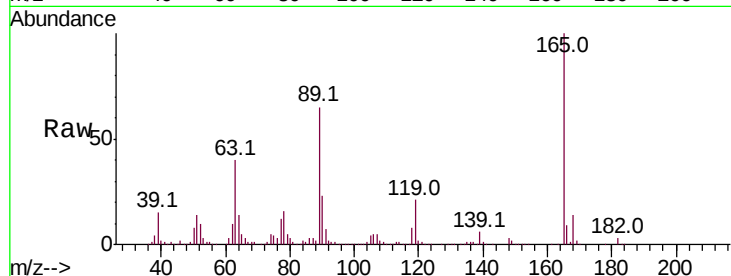
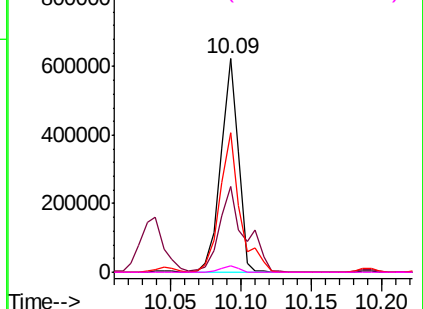
Ion	Ratio	Lower	Upper
165	100		
63	40.3	27.9	41.9
89	65.1	47.9	71.9
182	2.9	2.2	3.4

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: 43.438 ng

RT: 10.45 min Scan# 1422

Delta R.T. -0.00 min

Lab File: BF112087.D

Acq: 17 Jan 2019 14:17

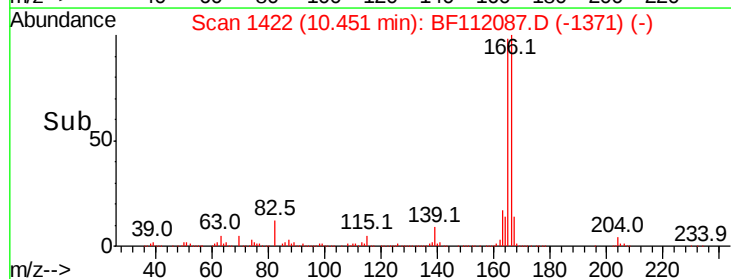
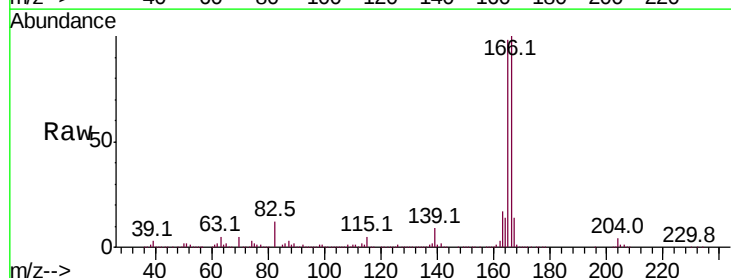
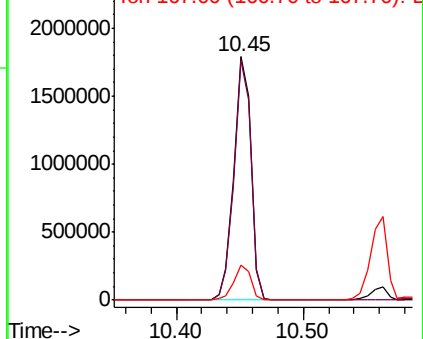
Tgt Ion:166 Resp: 1653911

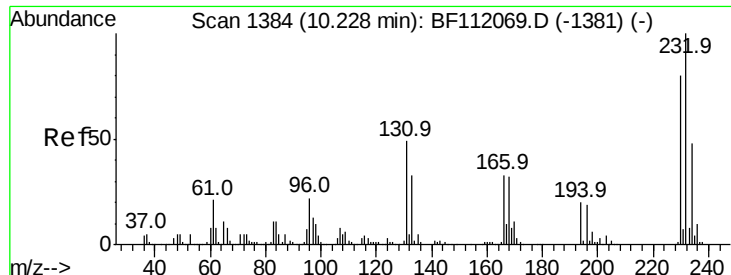
Ion	Ratio	Lower	Upper
166	100		
165	98.4	77.1	115.7
167	14.2	11.3	16.9

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: 49.135 ng

RT: 10.23 min Scan# 1385

Delta R.T. 0.01 min

Lab File: BF112087.D

Acq: 17 Jan 2019 14:17

Instrument :

BNA_F

ClientSampleId :

JDHS-SOUTH-1MSD

Tot Ion:232 Resp: 437426

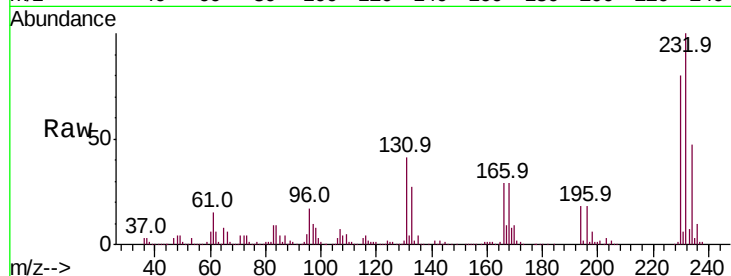
Ion Ratio Lower Upper

232 100

131 43.3 33.9 50.9

130 2.4 1.8 2.6

166 29.4 23.6 35.4

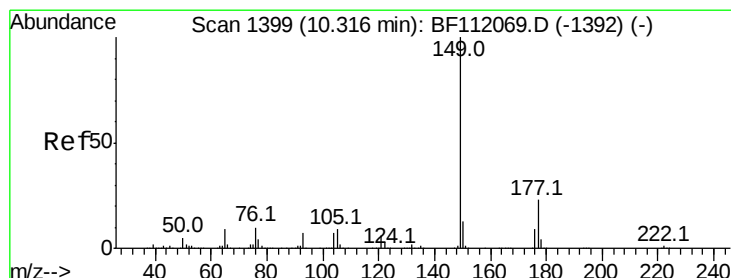
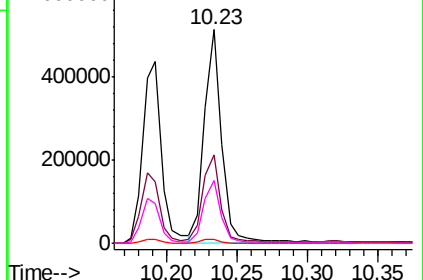
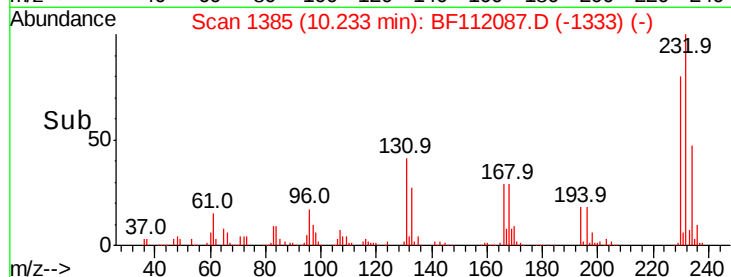


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 45.071 ng

RT: 10.32 min Scan# 1400

Delta R.T. 0.01 min

Lab File: BF112087.D

Acq: 17 Jan 2019 14:17

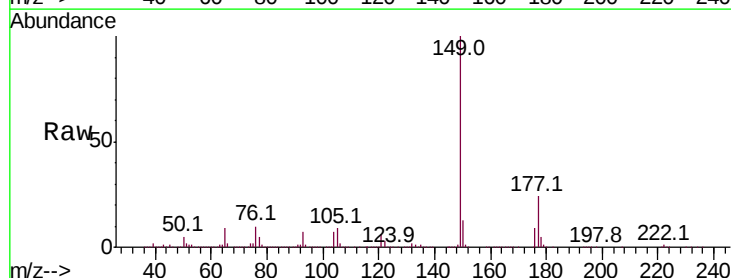
Tgt Ion:149 Resp: 1850101

Ion Ratio Lower Upper

149 100

177 24.2 18.2 27.2

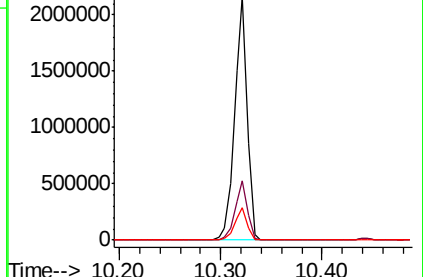
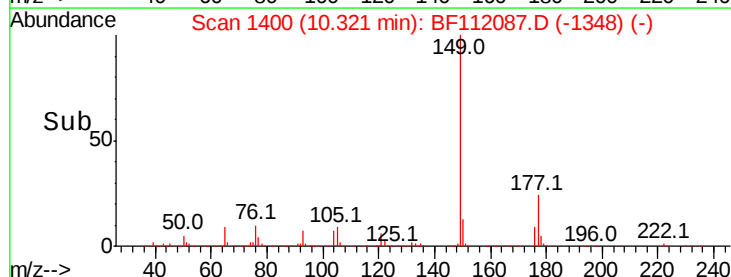
150 13.5 10.4 15.6

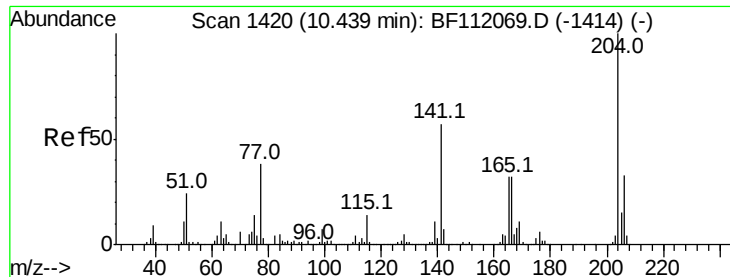


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

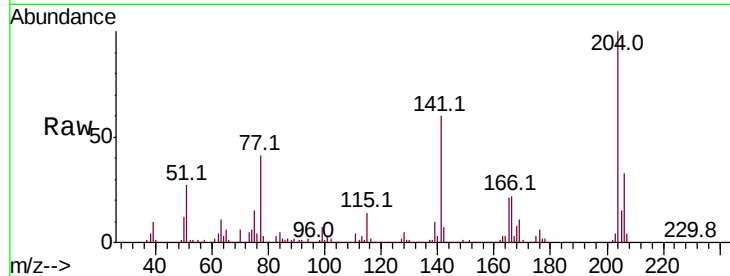




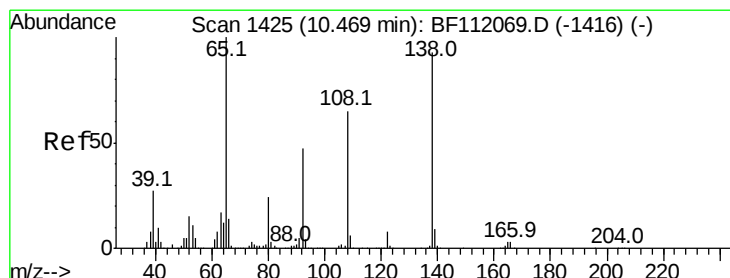
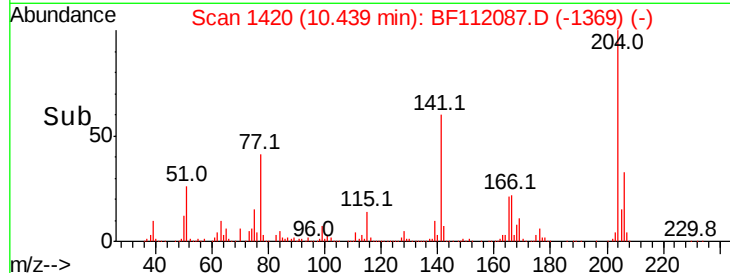
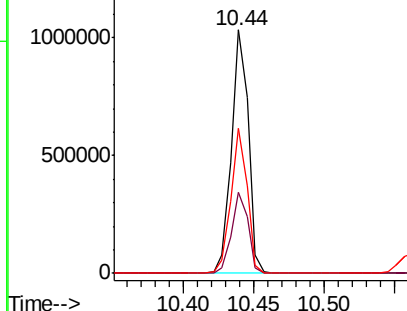
#61
4-Chlorophenyl-phenylether
Concen: 41.634 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.00 min
Lab File: BF112087.D
Acq: 17 Jan 2019 14:17

Instrument :
BNA_F
ClientSampleId :
JDHS-SOUTH-1MSD

Tot Ion:204 Resp: 855410
Ion Ratio Lower Upper
204 100
206 33.3 26.5 39.7
141 59.6 45.9 68.9

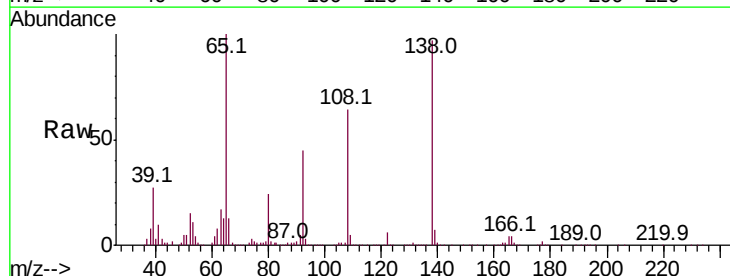


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

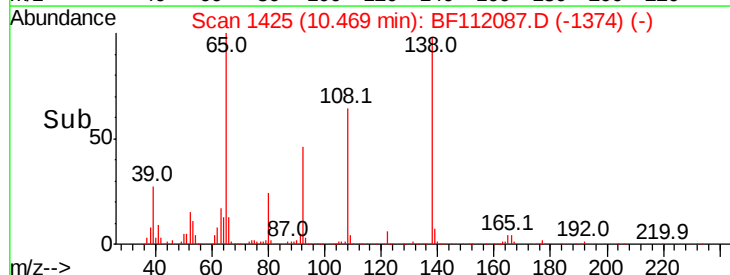
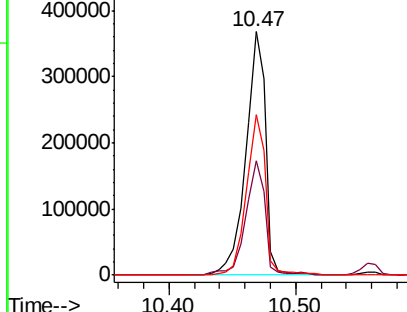


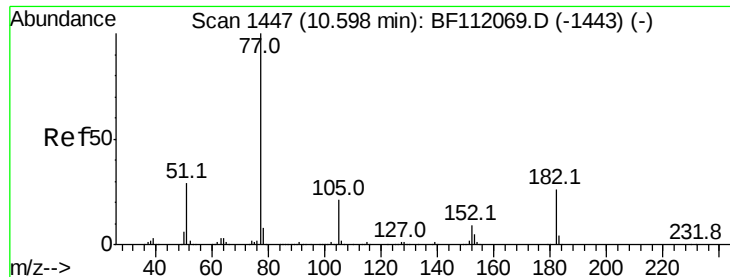
#62
4-Nitroaniline
Concen: 42.584 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.00 min
Lab File: BF112087.D
Acq: 17 Jan 2019 14:17

Tgt Ion:138 Resp: 397104
Ion Ratio Lower Upper
138 100
92 46.7 30.6 70.6
108 65.9 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

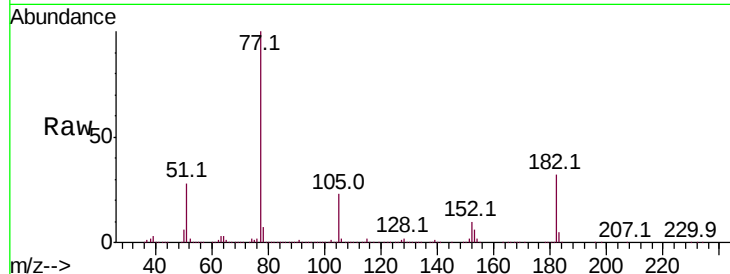




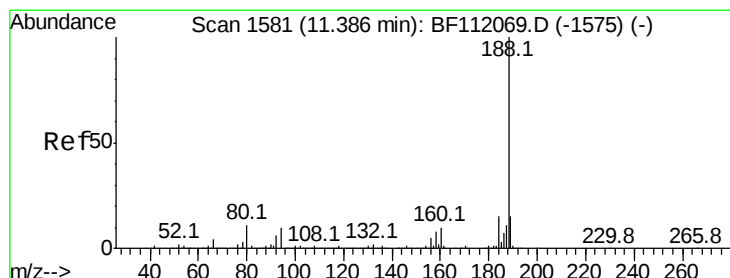
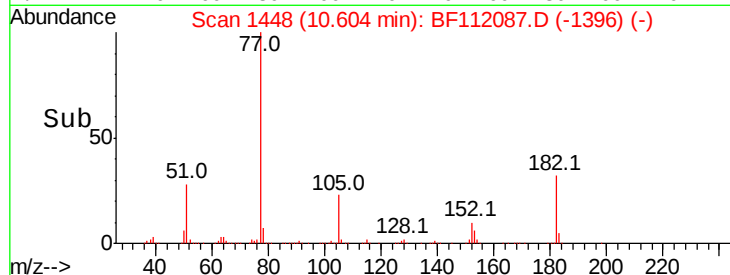
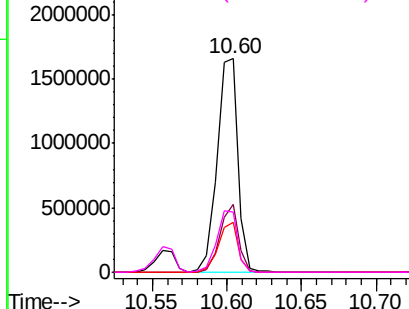
#63
Azobenzene
Concen: 41.231 ng
RT: 10.60 min Scan# 1448
Delta R.T. 0.01 min
Lab File: BF112087.D
Acq: 17 Jan 2019 14:17

Instrument :
BNA_F
ClientSampleId :
JDHS-SOUTH-1MSD

Tot Ion: 77 Resp: 1620778
Ion Ratio Lower Upper
77 100
182 32.0 5.7 45.7
105 23.3 1.4 41.4
51 28.1 9.5 49.5

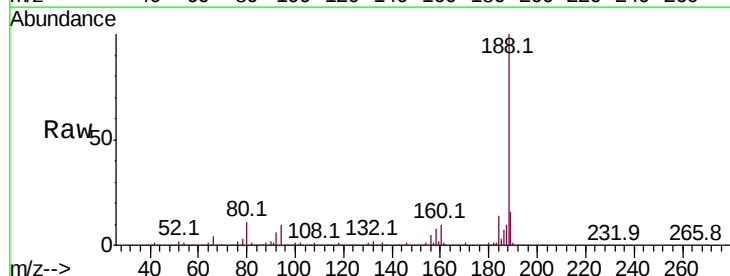


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

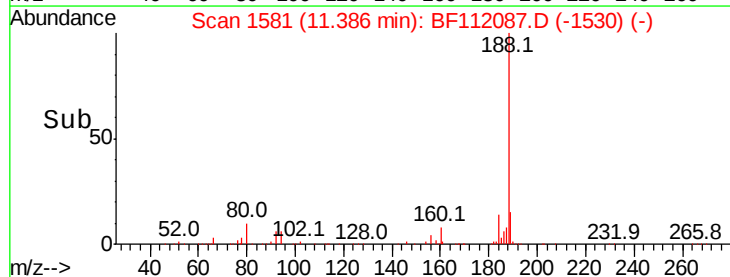
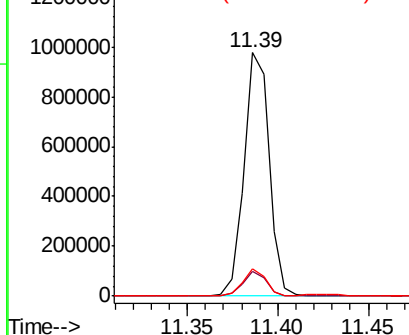


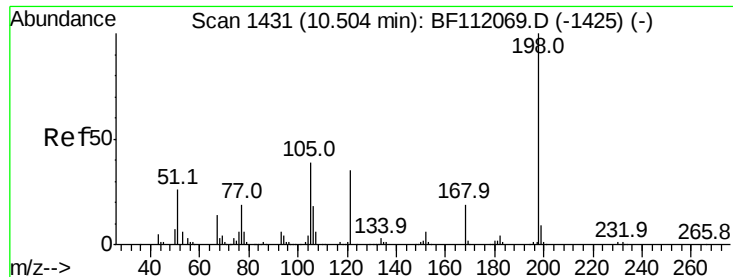
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.00 min
Lab File: BF112087.D
Acq: 17 Jan 2019 14:17

Tgt Ion: 188 Resp: 938819
Ion Ratio Lower Upper
188 100
94 10.2 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

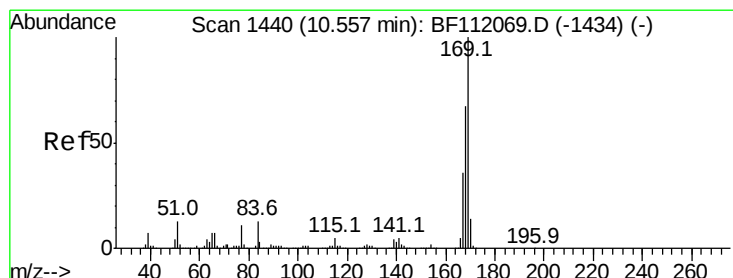
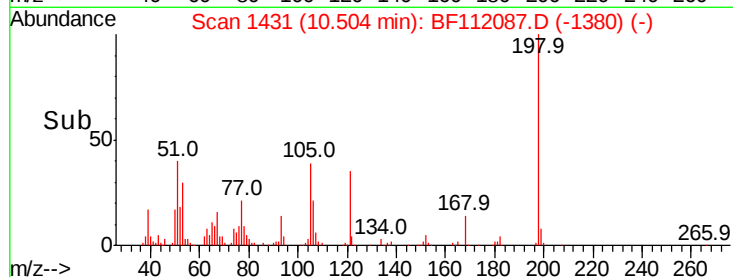
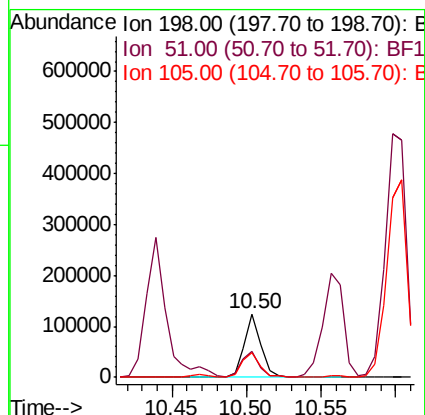
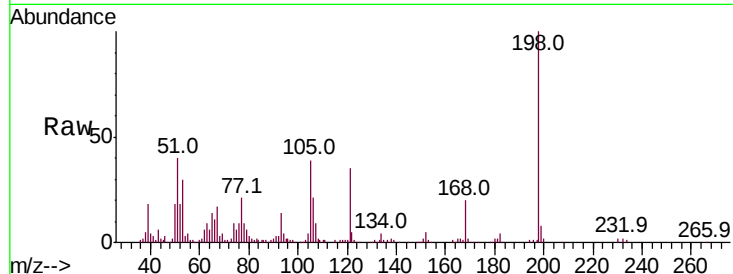




#65
4,6-Dinitro-2-methylphenol
Concen: 29.964 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.00 min
Lab File: BF112087.D
Acq: 17 Jan 2019 14:17

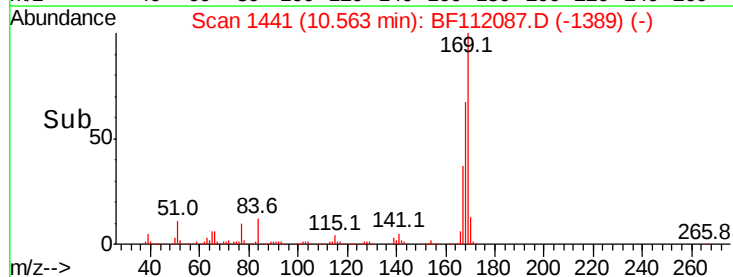
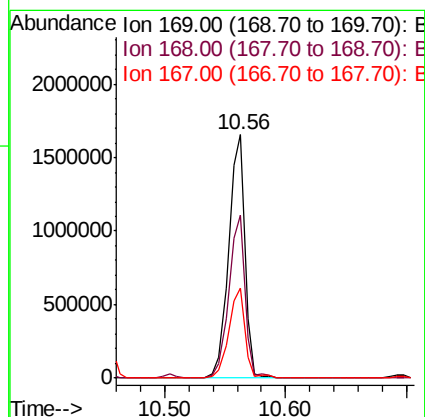
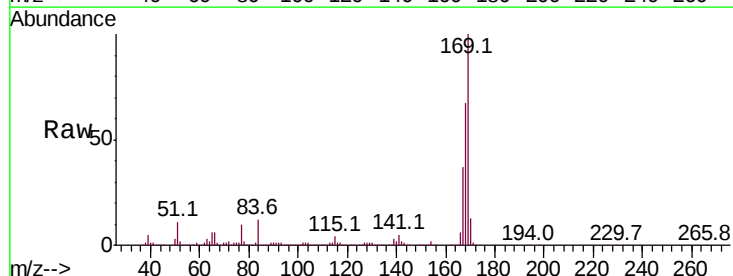
Instrument :
BNA_F
ClientSampleId :
JDHS-SOUTH-1MSD

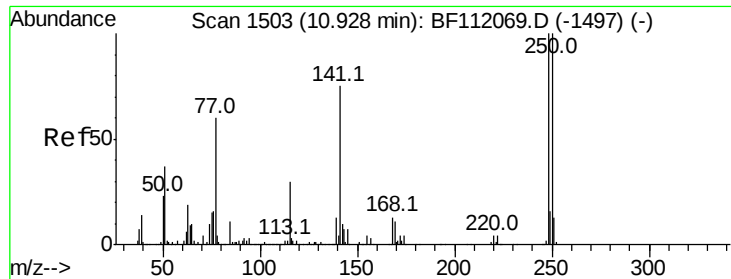
Tot Ion:198 Resp: 98581
Ion Ratio Lower Upper
198 100
51 40.0 17.2 57.2
105 38.8 21.9 61.9



#66
n-Nitrosodiphenylamine
Concen: 49.499 ng
RT: 10.56 min Scan# 1441
Delta R.T. 0.01 min
Lab File: BF112087.D
Acq: 17 Jan 2019 14:17

Tgt Ion:169 Resp: 1536292
Ion Ratio Lower Upper
169 100
168 67.1 53.9 80.9
167 37.0 28.9 43.3

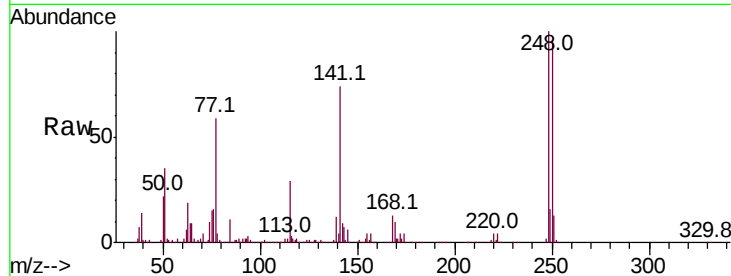




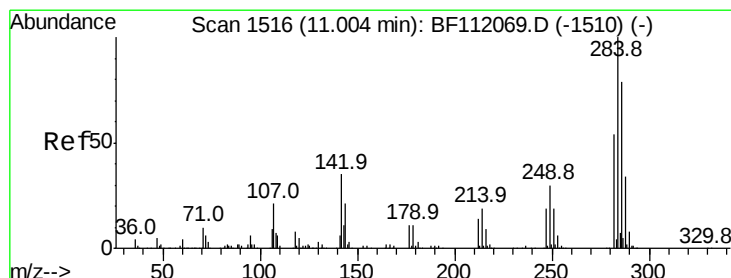
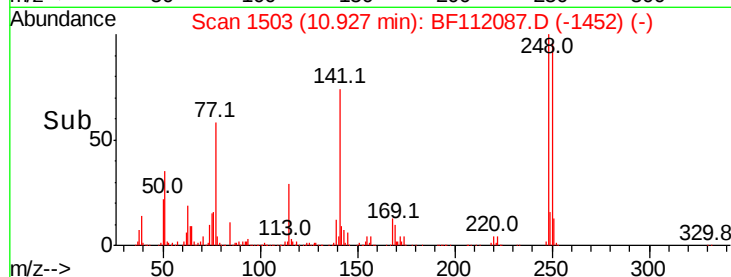
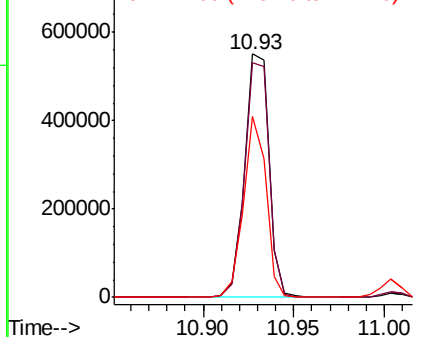
#67
4-Bromophenyl-phenylether
Concen: 47.179 ng
RT: 10.93 min Scan# 1503
Delta R.T. -0.00 min
Lab File: BF112087.D
Acq: 17 Jan 2019 14:17

Instrument :
BNA_F
ClientSampleId :
JDHS-SOUTH-1MSD

Tot Ion:248 Resp: 514477
Ion Ratio Lower Upper
248 100
250 96.3 79.7 119.5
141 74.3 60.3 90.5

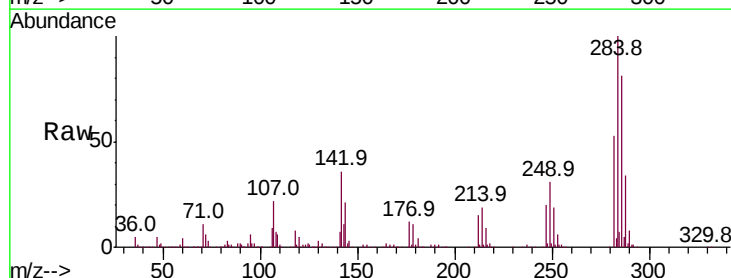


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

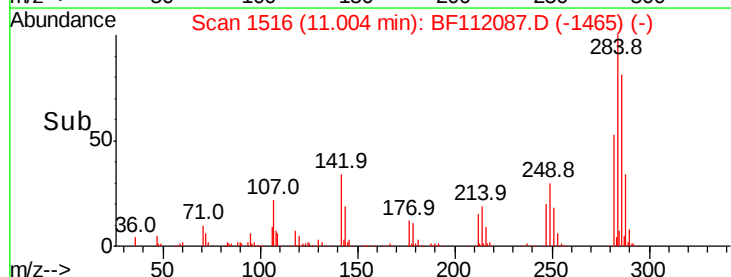
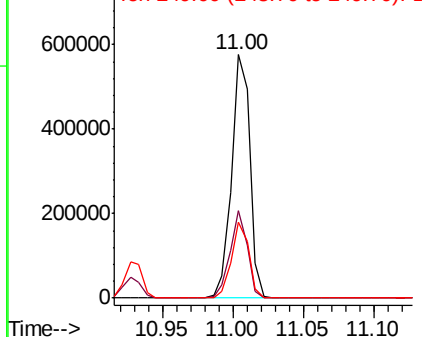


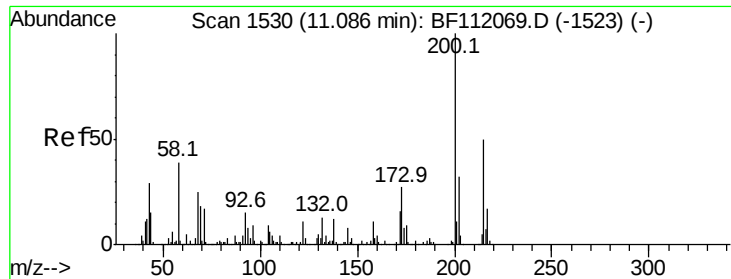
#68
Hexachlorobenzene
Concen: 44.312 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.00 min
Lab File: BF112087.D
Acq: 17 Jan 2019 14:17

Tgt Ion:284 Resp: 520528
Ion Ratio Lower Upper
284 100
142 35.8 27.6 41.4
249 31.2 24.1 36.1



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

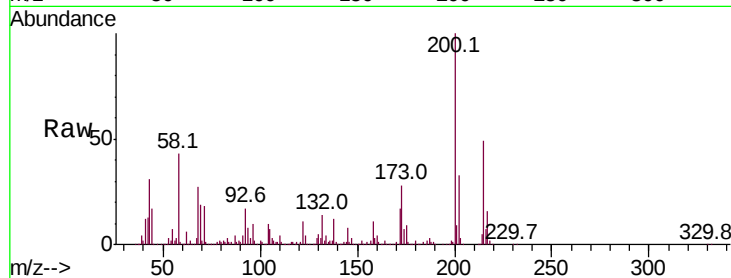




#69
Atrazine
Concen: 48.502 ng
RT: 11.09 min Scan# 1530
Delta R.T. -0.00 min
Lab File: BF112087.D
Acq: 17 Jan 2019 14:17

Instrument :
BNA_F
ClientSampleId :
JDHS-SOUTH-1MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.6	7.1	47.1
215	49.0	30.4	70.4

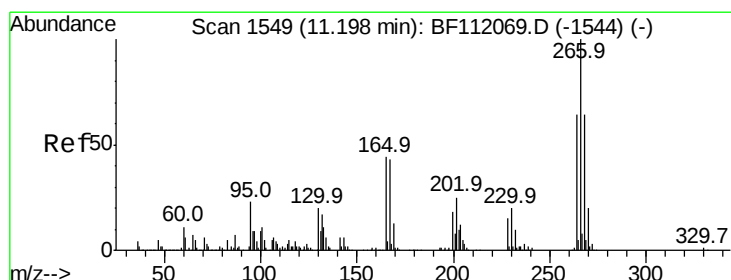
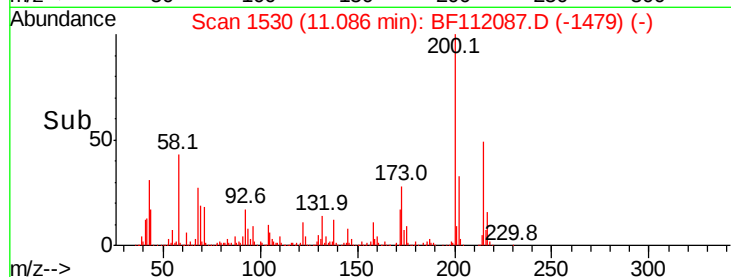
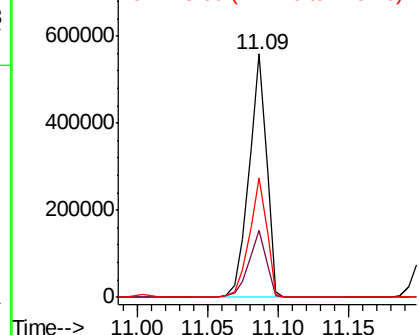


Abundance

Ion 200.00 (199.70 to 200.70): E

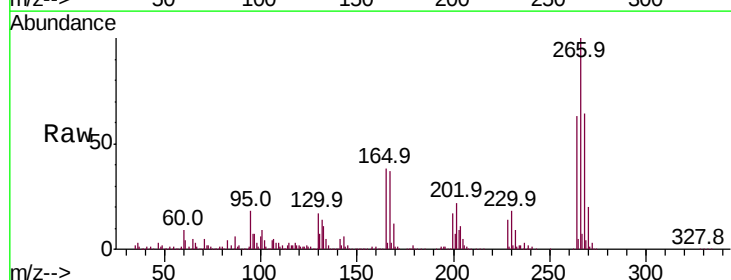
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 80.598 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.01 min
Lab File: BF112087.D
Acq: 17 Jan 2019 14:17

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.7	51.2	76.8
264	63.0	50.9	76.3

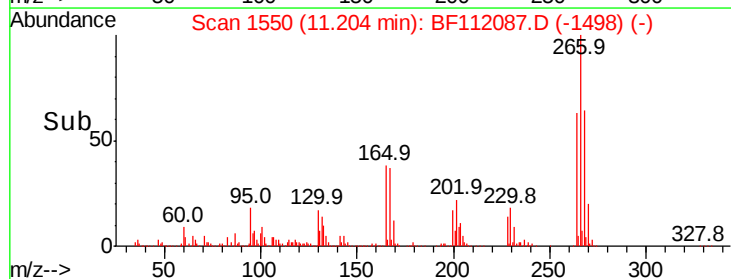
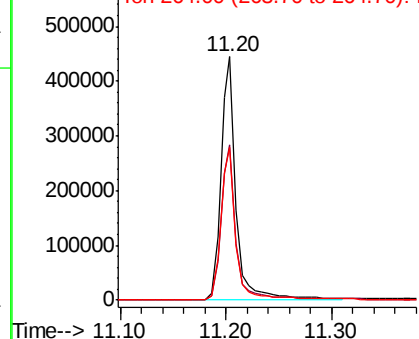


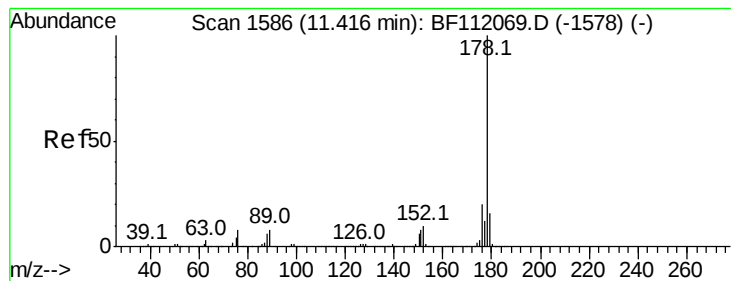
Abundance

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: 46.244 ng

RT: 11.42 min Scan# 1586

Delta R.T. -0.00 min

Lab File: BF112087.D

Acq: 17 Jan 2019 14:17

Instrument :

BNA_F

ClientSampleId :

JDHS-SOUTH-1MSD

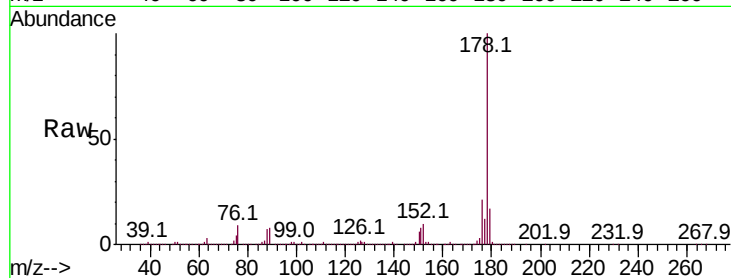
Tot Ion:178 Resp: 2184860

Ion Ratio Lower Upper

178 100

176 20.9 16.3 24.5

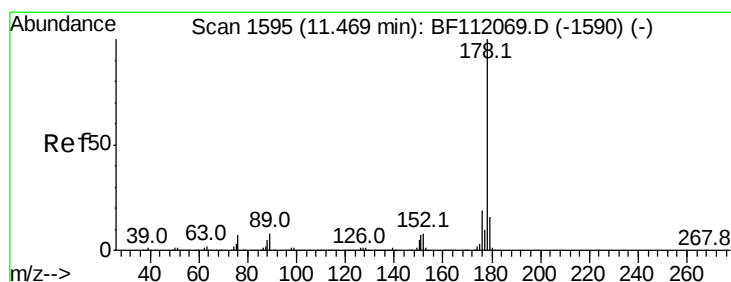
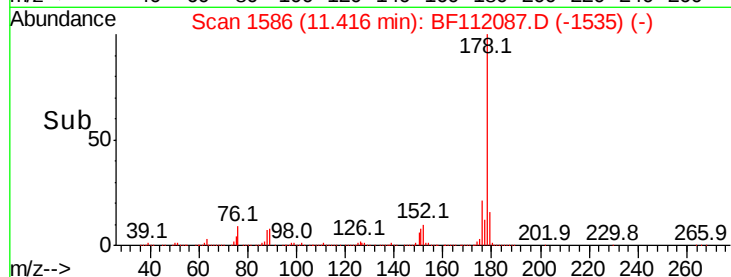
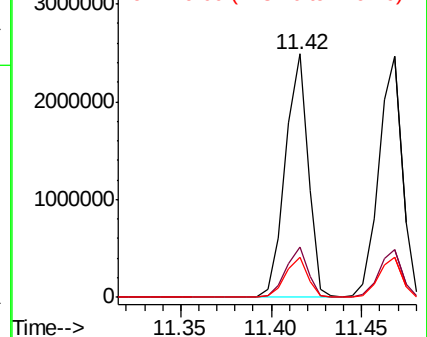
179 16.6 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 46.563 ng

RT: 11.47 min Scan# 1595

Delta R.T. -0.00 min

Lab File: BF112087.D

Acq: 17 Jan 2019 14:17

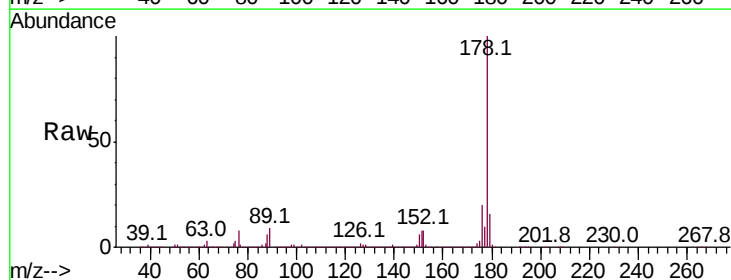
Tgt Ion:178 Resp: 2228572

Ion Ratio Lower Upper

178 100

176 19.9 15.5 23.3

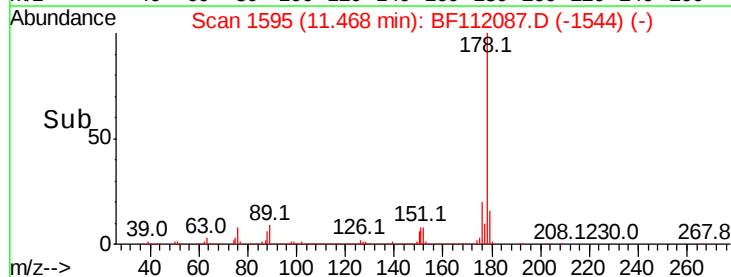
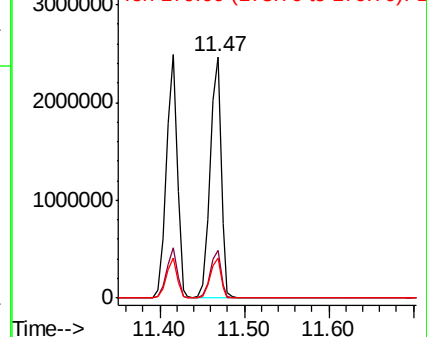
179 16.4 12.8 19.2

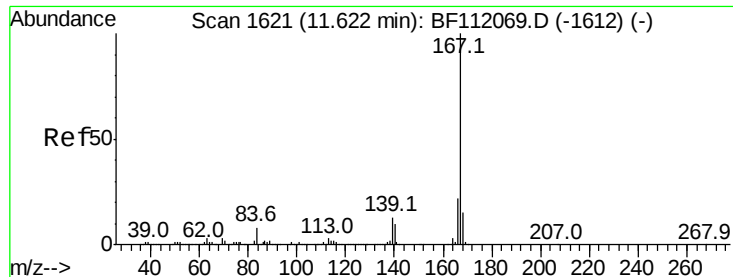


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 41.851 ng

RT: 11.62 min Scan# 1621

Delta R.T. -0.00 min

Lab File: BF112087.D

Acq: 17 Jan 2019 14:17

Instrument :

BNA_F

ClientSampleId :

JDHS-SOUTH-1MSD

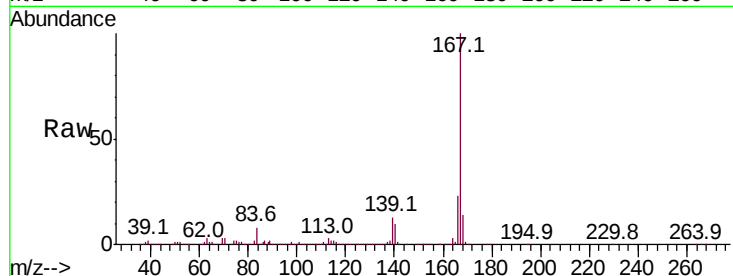
Tot Ion:167 Resp: 2006543

Ion Ratio Lower Upper

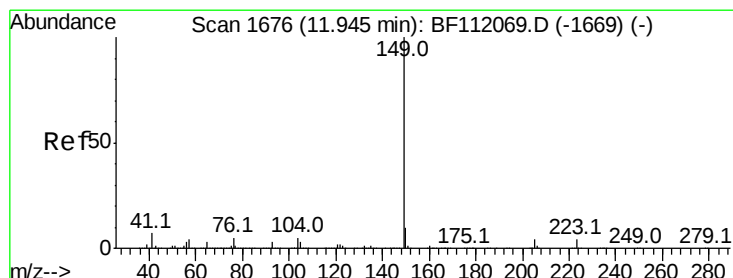
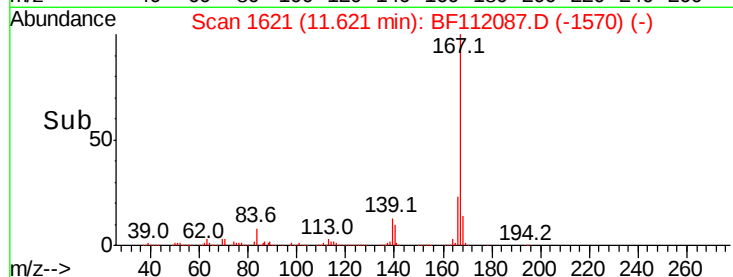
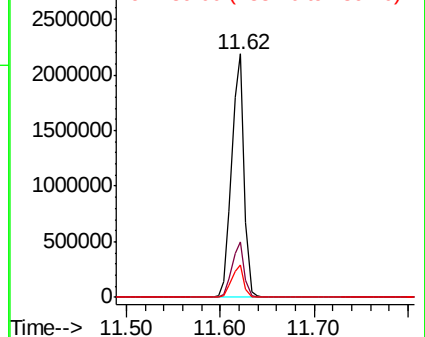
167 100

166 22.5 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: 46.409 ng

RT: 11.94 min Scan# 1676

Delta R.T. -0.00 min

Lab File: BF112087.D

Acq: 17 Jan 2019 14:17

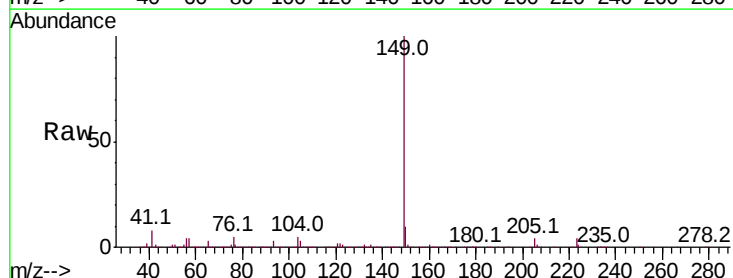
Tgt Ion:149 Resp: 2502892

Ion Ratio Lower Upper

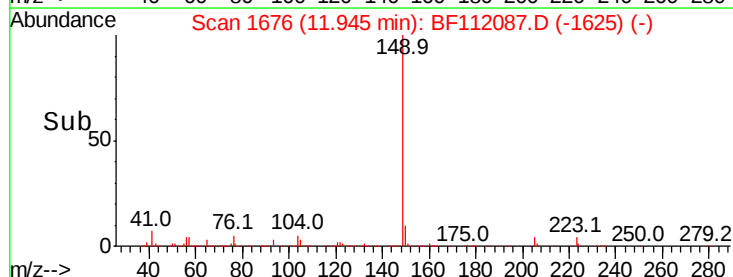
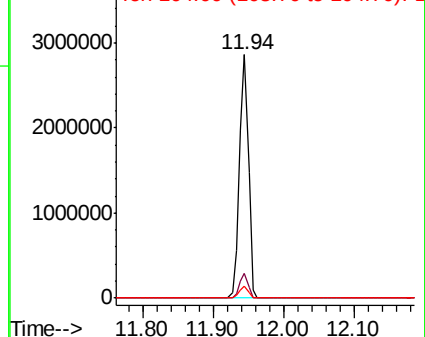
149 100

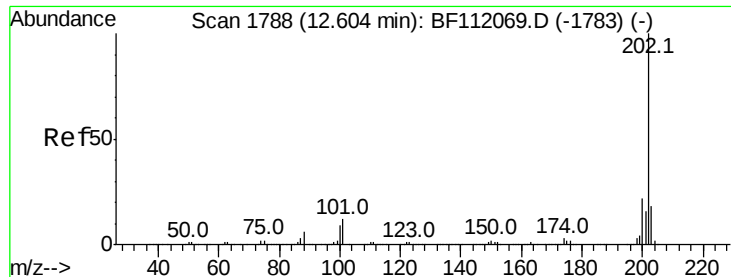
150 10.3 8.1 12.1

104 5.0 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: 42.842 ng

RT: 12.60 min Scan# 1788

Delta R.T. -0.00 min

Lab File: BF112087.D

Acq: 17 Jan 2019 14:17

Instrument :

BNA_F

ClientSampleId :

JDHS-SOUTH-1MSD

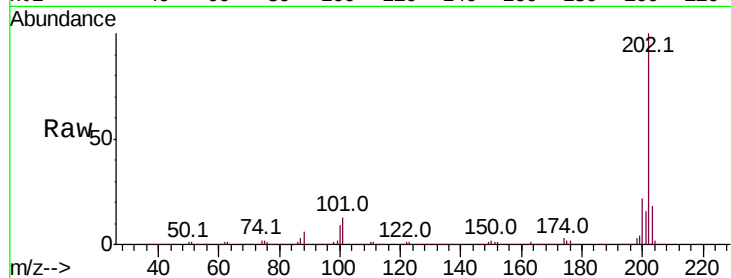
Tot Ion:202 Resp: 2137169

Ion Ratio Lower Upper

202 100

101 12.5 0.0 31.8

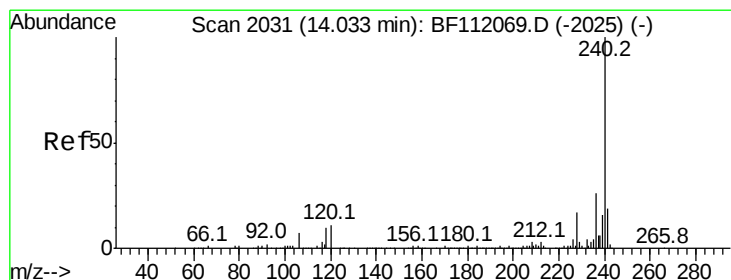
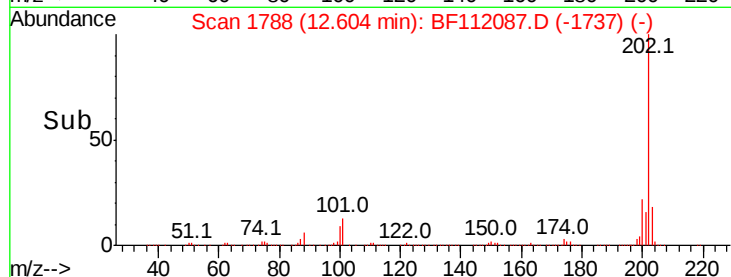
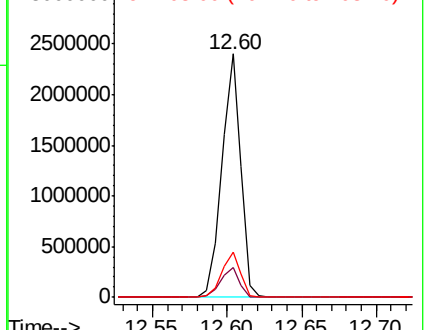
203 18.5 0.0 38.4



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: BF112087.D

Acq: 17 Jan 2019 14:17

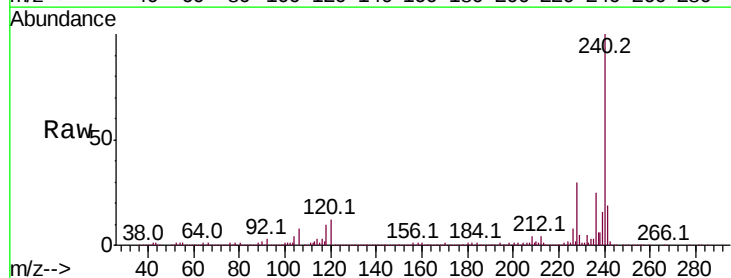
Tgt Ion:240 Resp: 737059

Ion Ratio Lower Upper

240 100

120 12.0 9.0 13.6

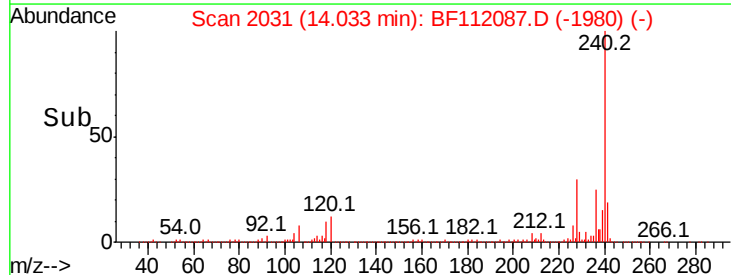
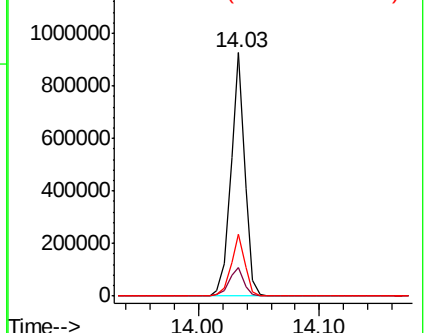
236 25.3 20.7 31.1

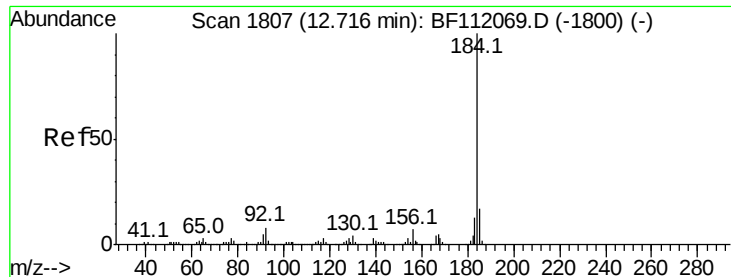


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 40.657 ng

RT: 12.72 min Scan# 1807

Delta R.T. 0.00 min

Lab File: BF112087.D

Acq: 17 Jan 2019 14:17

Instrument :

BNA_F

ClientSampleId :

JDHS-SOUTH-1MSD

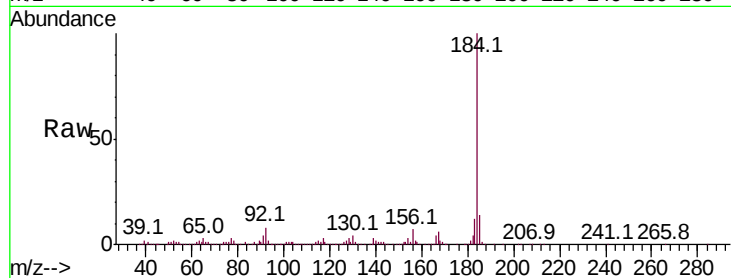
Tot Ion:184 Resp: 999846

Ion Ratio Lower Upper

184 100

185 14.4 13.9 20.9

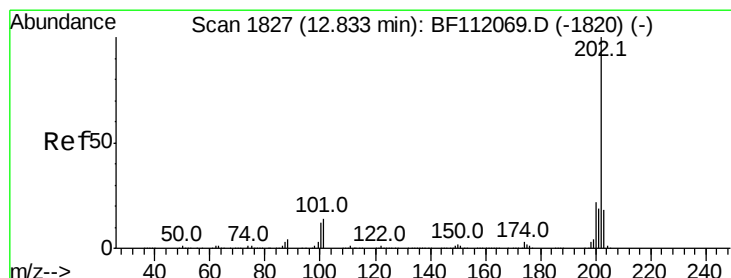
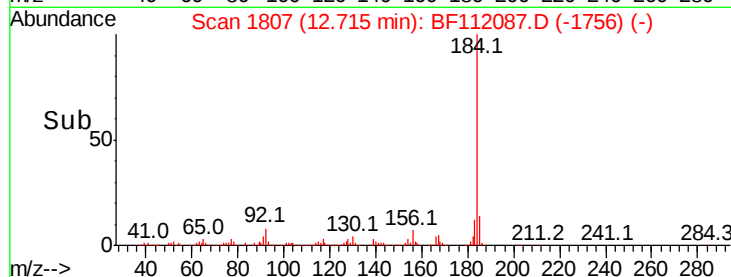
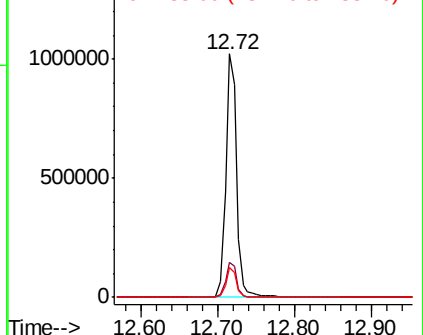
183 12.1 10.0 15.0



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: 44.551 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BF112087.D

Acq: 17 Jan 2019 14:17

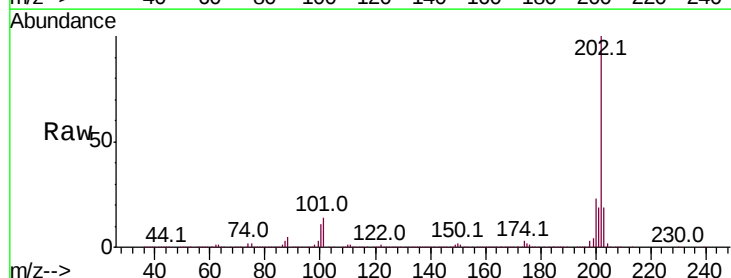
Tgt Ion:202 Resp: 2166419

Ion Ratio Lower Upper

202 100

200 22.5 17.7 26.5

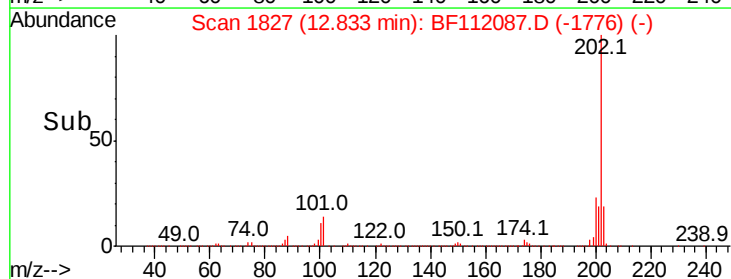
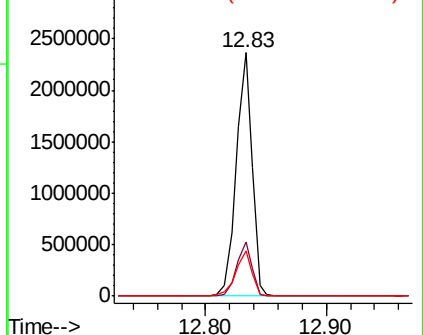
203 18.8 14.6 22.0

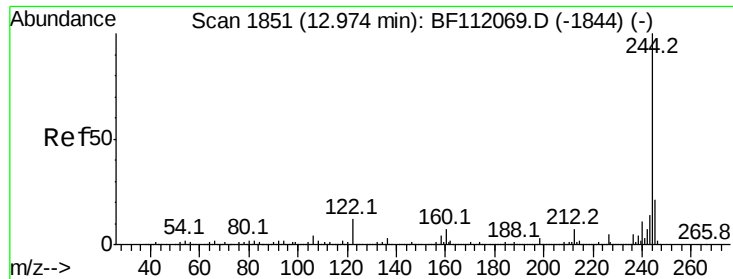


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

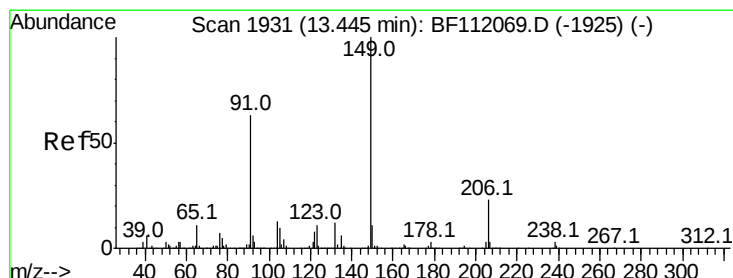
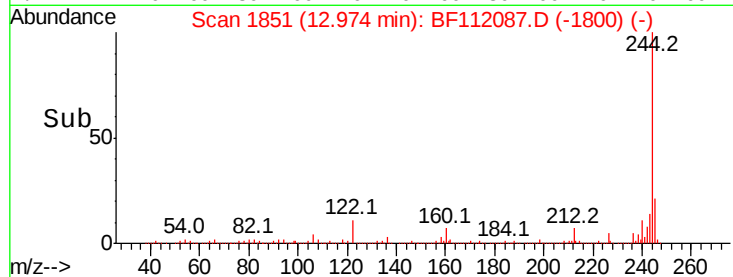
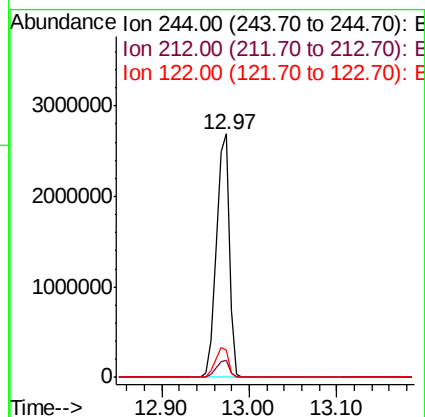
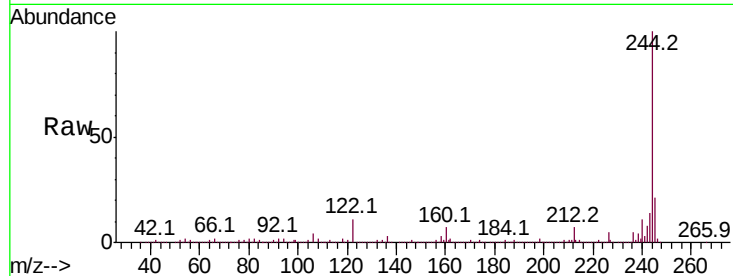




#79
 Terphenyl-d14
 Concen: 80.227 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: BF112087.D
 Acq: 17 Jan 2019 14:17

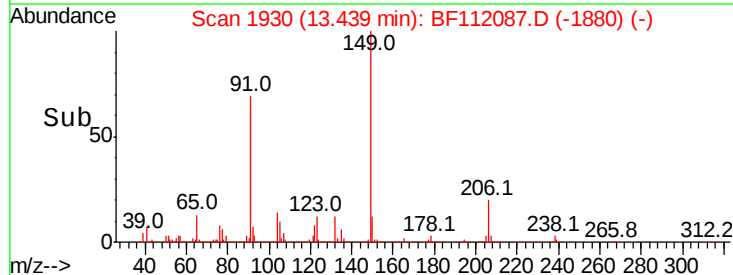
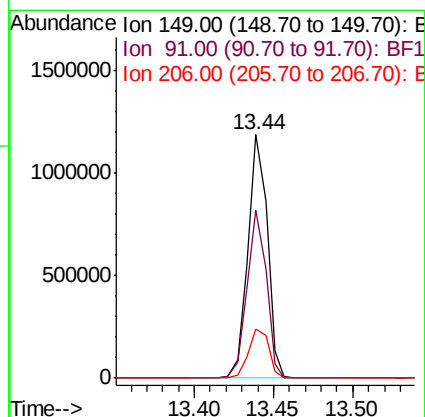
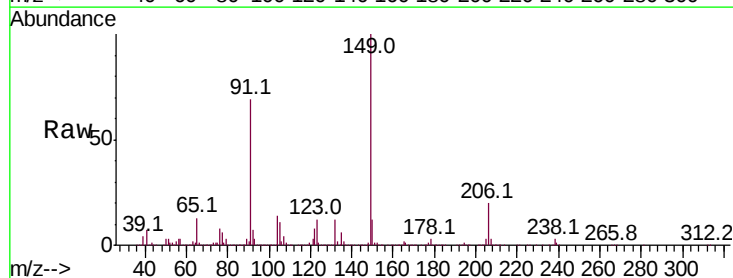
Instrument :
 BNA_F
 ClientSampleId :
 JDHS-SOUTH-1MSD

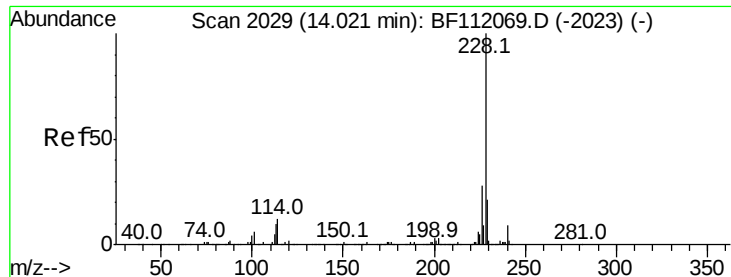
Tot Ion:244 Resp: 2779585
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 11.2 9.8 14.6



#80
 Butylbenzylphthalate
 Concen: 46.944 ng
 RT: 13.44 min Scan# 1930
 Delta R.T. -0.01 min
 Lab File: BF112087.D
 Acq: 17 Jan 2019 14:17

Tgt Ion:149 Resp: 1001479
 Ion Ratio Lower Upper
 149 100
 91 69.2 50.3 75.5
 206 20.4 18.2 27.4





#81

Benzo(a)anthracene

Concen: 46.870 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.00 min

Lab File: BF112087.D

Acq: 17 Jan 2019 14:17

Instrument :

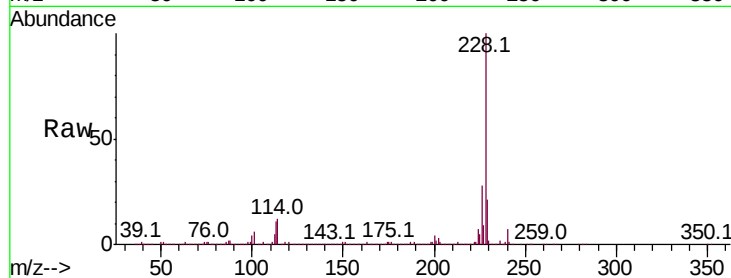
BNA_F

ClientSampleId :

JDHS-SOUTH-1MSD

Tot Ion:228 Resp: 1980769

Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	34.0
229	20.6	16.5	24.7

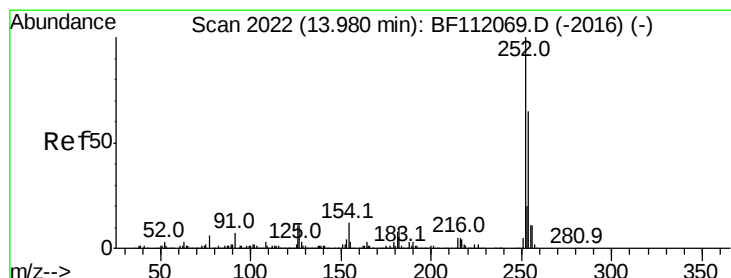
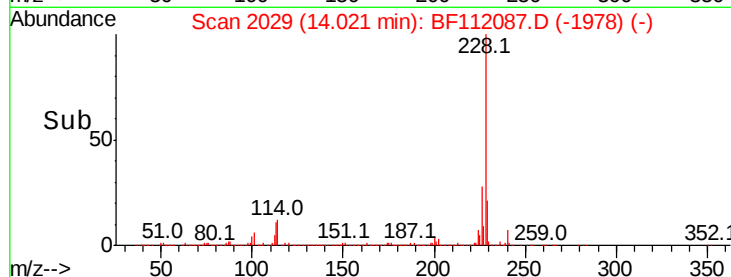
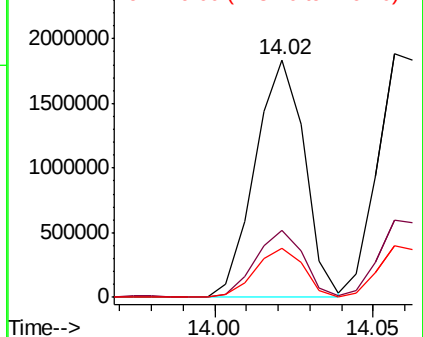


Abundance

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: 46.277 ng

RT: 13.98 min Scan# 2022

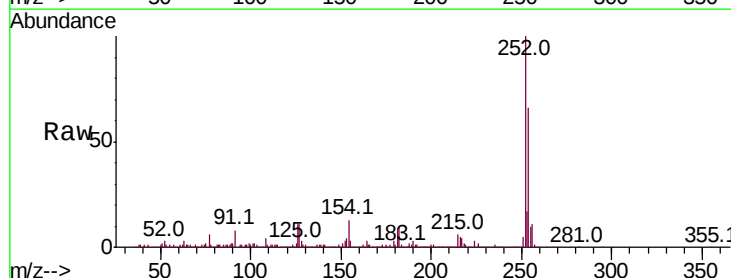
Delta R.T. -0.00 min

Lab File: BF112087.D

Acq: 17 Jan 2019 14:17

Tgt Ion:252 Resp: 732413

Ion	Ratio	Lower	Upper
252	100		
254	66.1	51.6	77.4
126	11.3	8.6	12.8

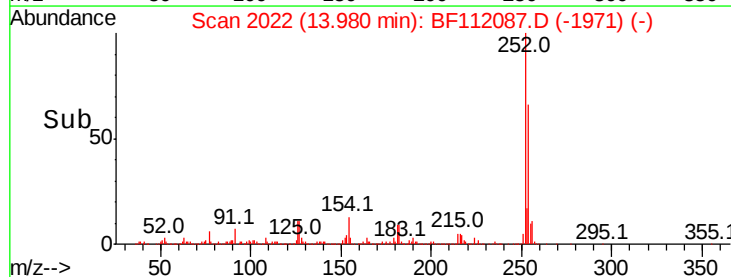
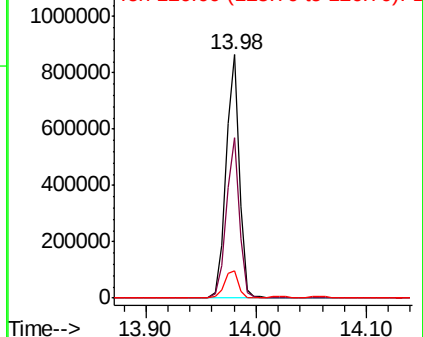


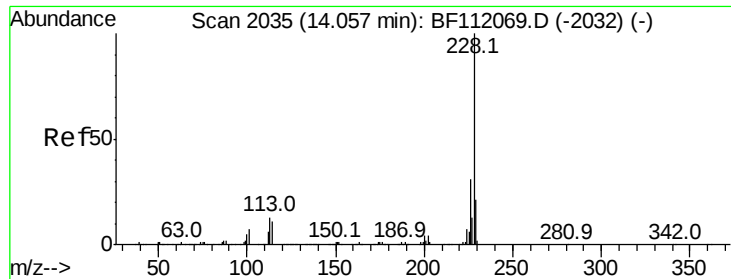
Abundance

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: 46.141 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BF112087.D

Acq: 17 Jan 2019 14:17

Instrument :

BNA_F

ClientSampleId :

JDHS-SOUTH-1MSD

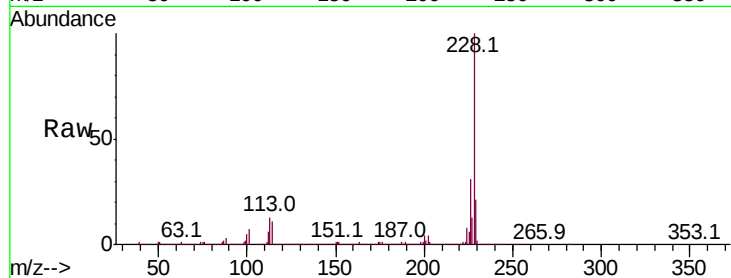
Tot Ion:228 Resp: 1845117

Ion Ratio Lower Upper

228 100

226 31.5 25.0 37.6

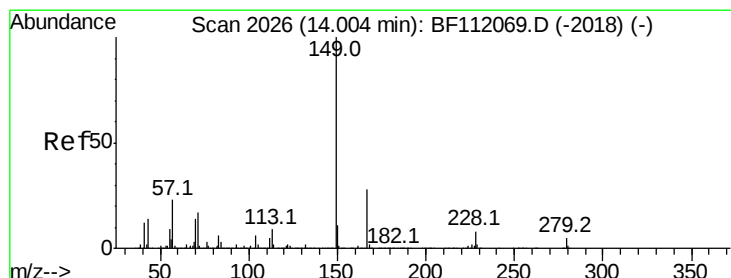
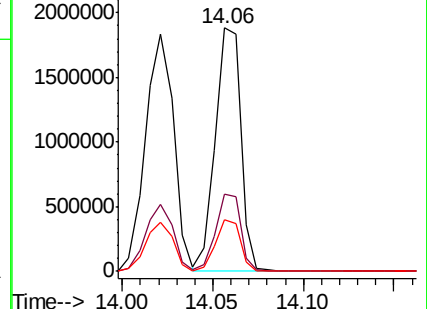
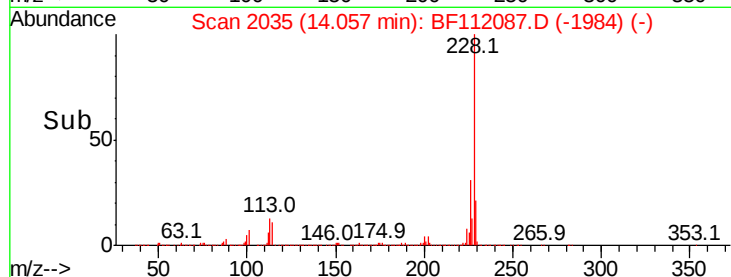
229 21.2 16.6 24.8



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: 46.690 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.00 min

Lab File: BF112087.D

Acq: 17 Jan 2019 14:17

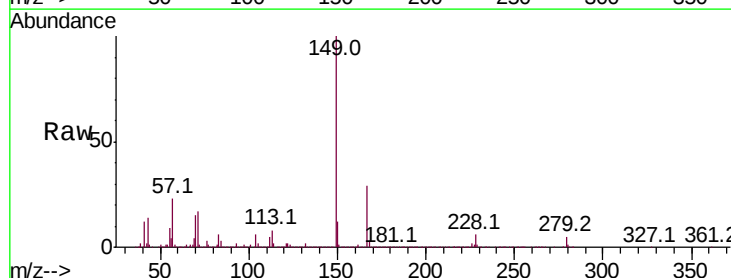
Tgt Ion:149 Resp: 1427537

Ion Ratio Lower Upper

149 100

167 29.1 22.5 33.7

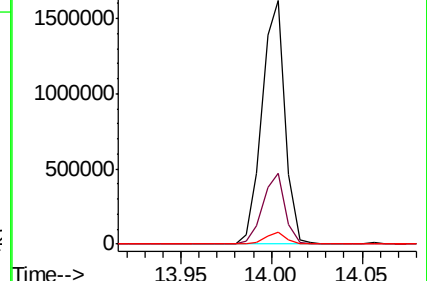
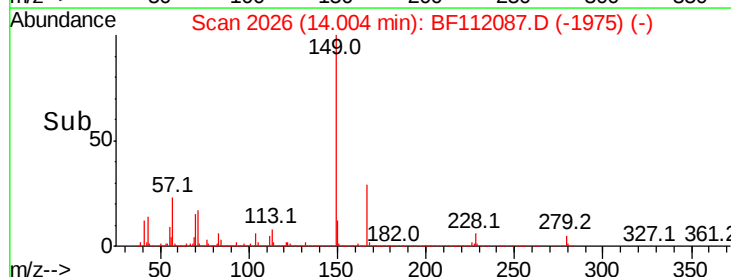
279 5.1 3.8 5.6

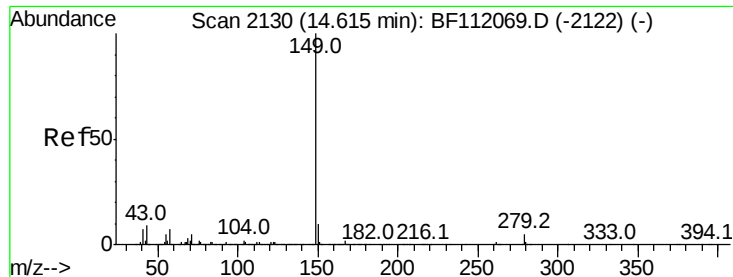


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 49.915 ng

RT: 14.61 min Scan# 2129

Delta R.T. -0.01 min

Lab File: BF112087.D

Acq: 17 Jan 2019 14:17

Instrument :

BNA_F

ClientSampleId :

JDHS-SOUTH-1MSD

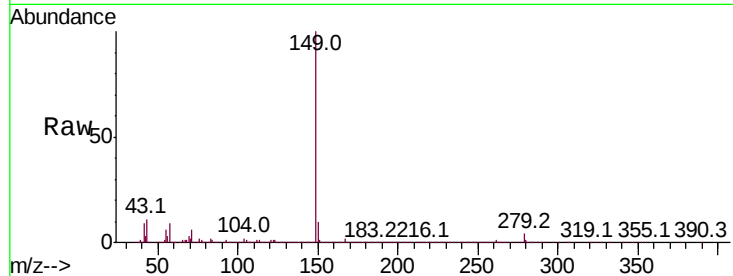
Tot Ion:149 Resp: 2351375

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

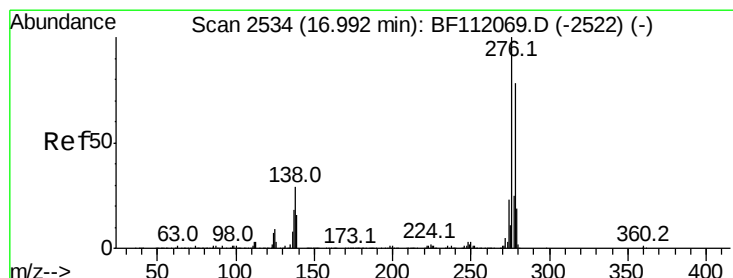
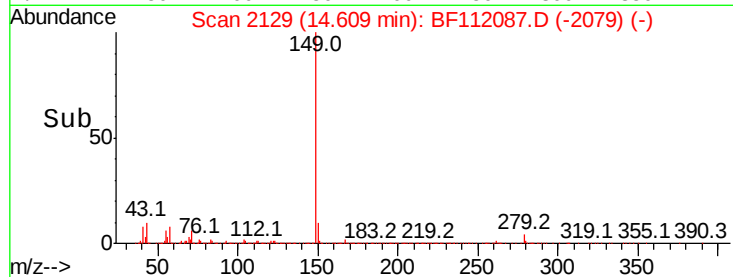
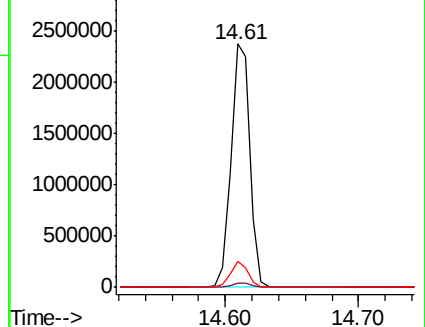
43 9.6 7.8 11.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.903 ng

RT: 16.99 min Scan# 2534

Delta R.T. -0.00 min

Lab File: BF112087.D

Acq: 17 Jan 2019 14:17

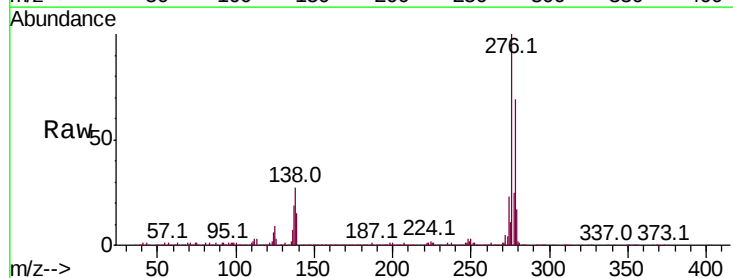
Tgt Ion:276 Resp: 1582798

Ion Ratio Lower Upper

276 100

138 28.0 22.6 34.0

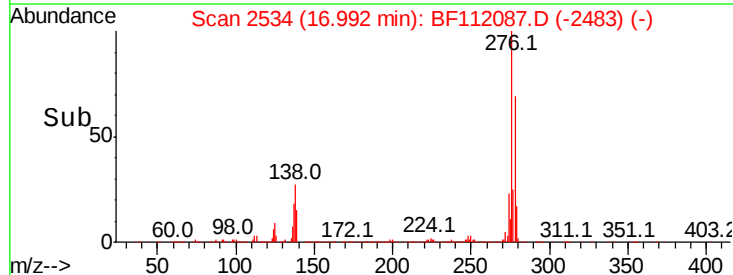
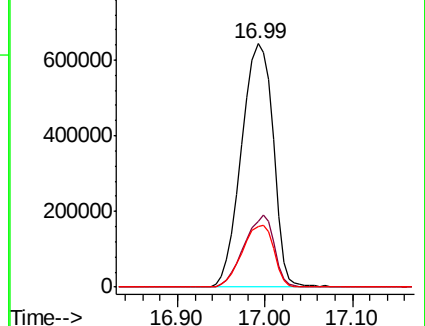
277 25.3 20.3 30.5

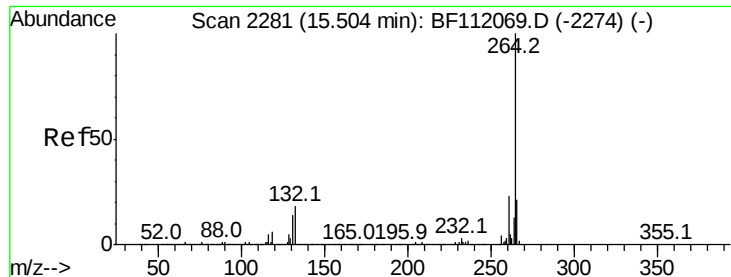


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

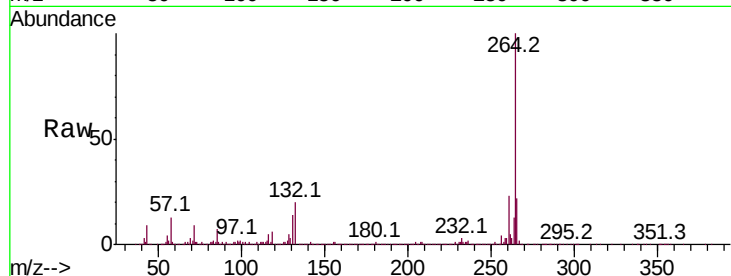




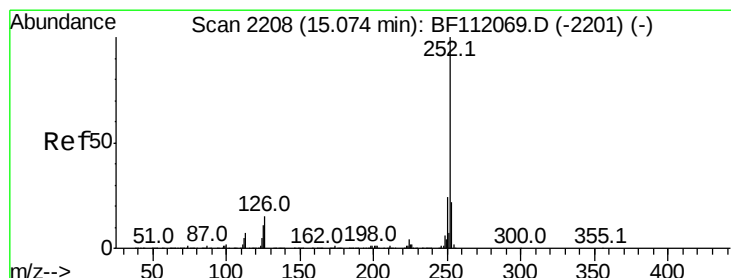
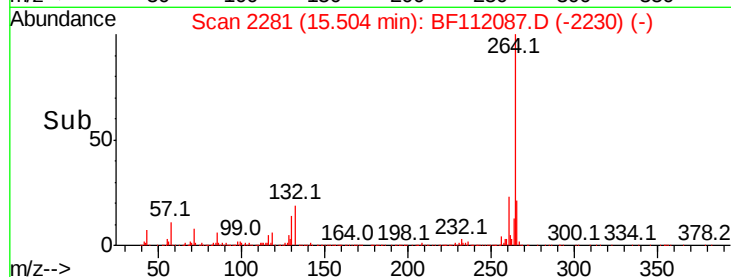
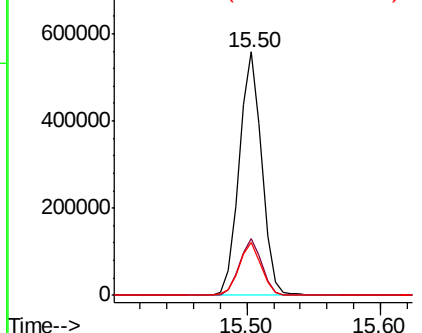
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.00 min
Lab File: BF112087.D
Acq: 17 Jan 2019 14:17

Instrument :
BNA_F
ClientSampleId :
JDHS-SOUTH-1MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.2	27.2
265	21.6	17.0	25.4

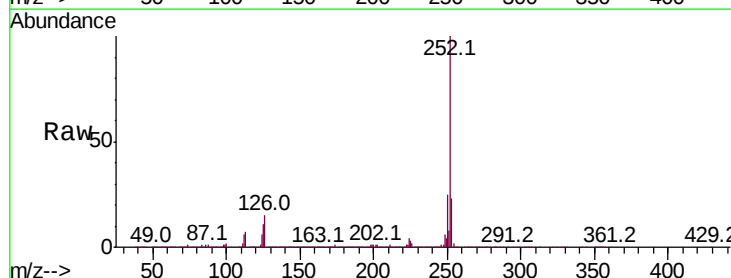


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

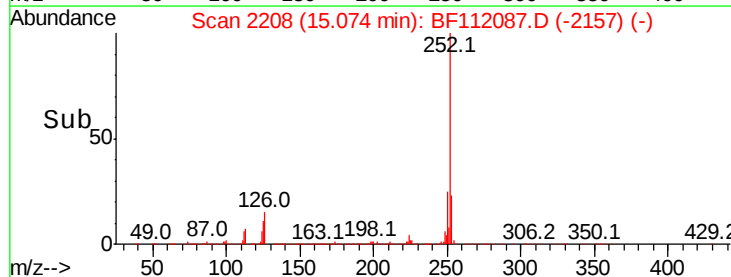
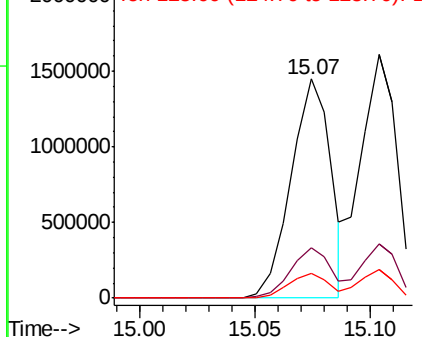


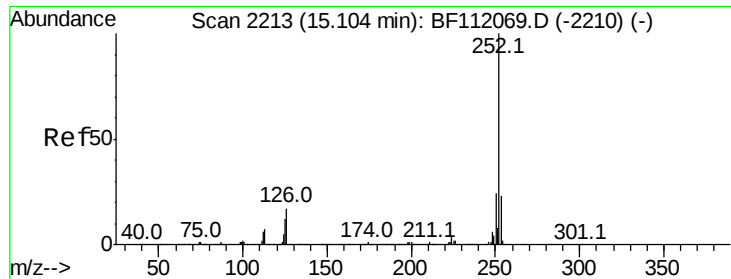
#88
Benzo(b)fluoranthene
Concen: 46.956 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.00 min
Lab File: BF112087.D
Acq: 17 Jan 2019 14:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	11.5	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

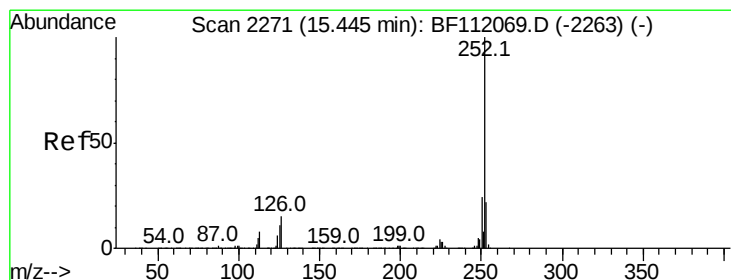
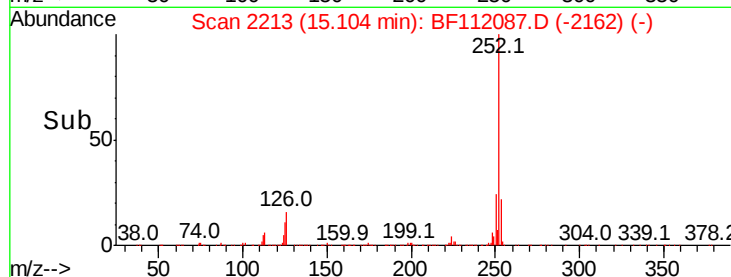
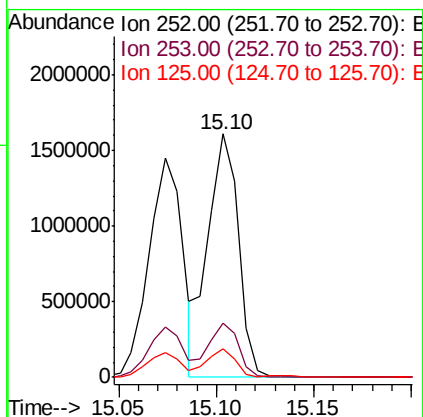
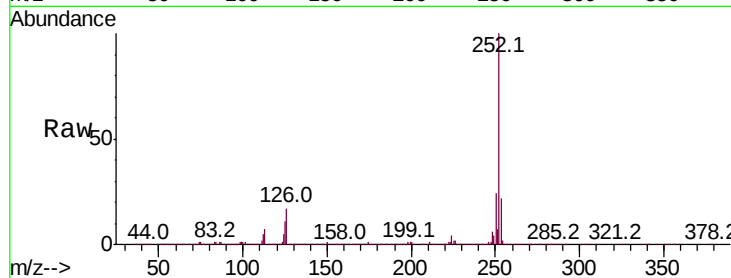




#89
Benzo(k)fluoranthene
Concen: 48.520 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.00 min
Lab File: BF112087.D
Acq: 17 Jan 2019 14:17

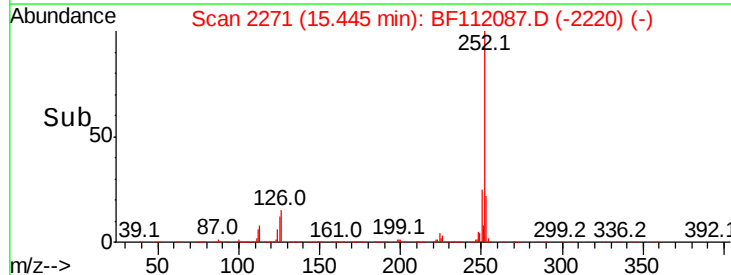
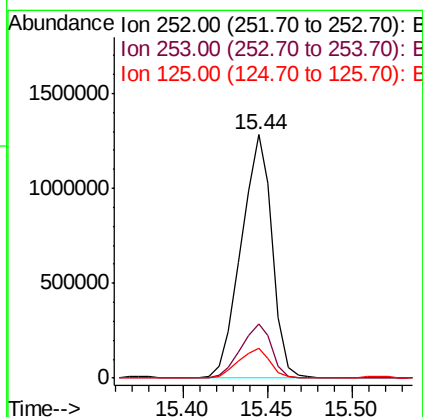
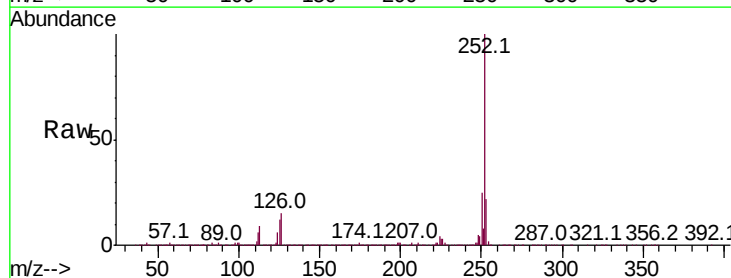
Instrument :
BNA_F
ClientSampleId :
JDHS-SOUTH-1MSD

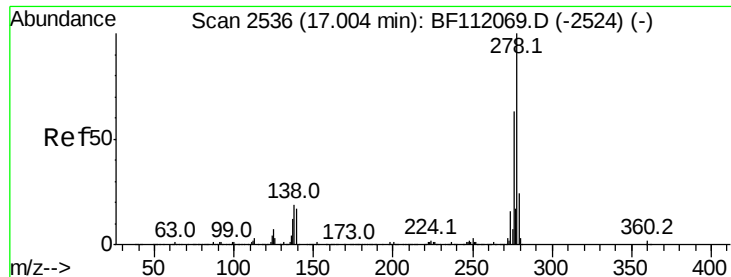
Tot Ion:252 Resp: 1737738
Ion Ratio Lower Upper
252 100
253 22.4 18.0 27.0
125 11.5 9.1 13.7



#90
Benzo(a)pyrene
Concen: 48.085 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.00 min
Lab File: BF112087.D
Acq: 17 Jan 2019 14:17

Tgt Ion:252 Resp: 1631763
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 12.3 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 44.043 ng

RT: 17.00 min Scan# 2536

Delta R.T. -0.00 min

Lab File: BF112087.D

Acq: 17 Jan 2019 14:17

Instrument :

BNA_F

ClientSampleId :

JDHS-SOUTH-1MSD

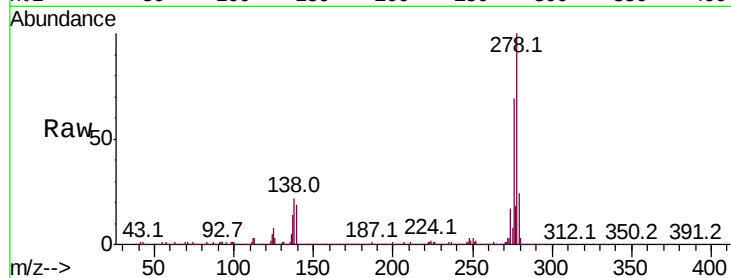
Tot Ion:278 Resp: 1327464

Ion Ratio Lower Upper

278 100

139 18.7 13.7 20.5

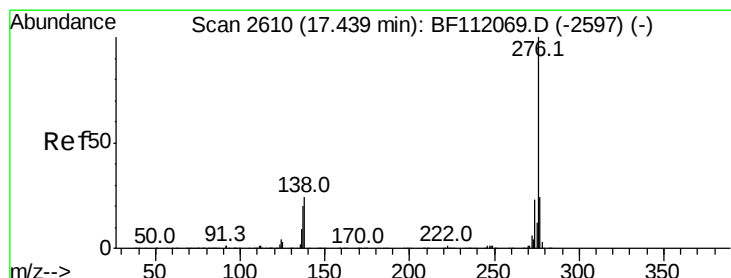
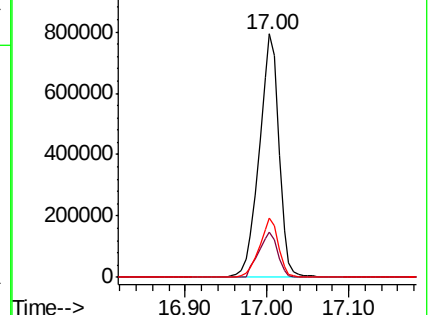
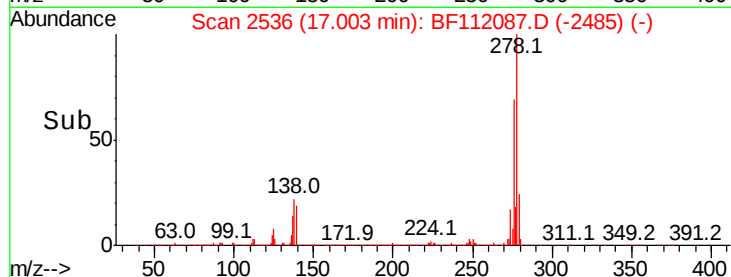
279 24.2 19.0 28.6



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: 42.895 ng

RT: 17.44 min Scan# 2610

Delta R.T. -0.00 min

Lab File: BF112087.D

Acq: 17 Jan 2019 14:17

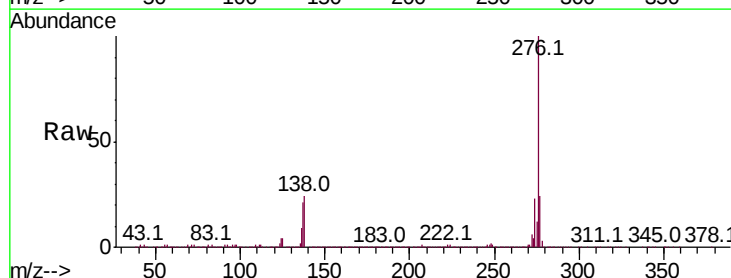
Tgt Ion:276 Resp: 1273679

Ion Ratio Lower Upper

276 100

277 23.6 19.4 29.0

138 24.2 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

