

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

Instrument :
 BNA_F
 ClientSampleId :
 JDHS-SOUTH-1MS

Manual Integrations
 APPROVED

Sohil
 1/18/2019 11:45:41 AM

Quant Time: Jan 18 00:20:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 16 18:22:05 2019
 Response via : Initial Calibration

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

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	2031176	119.02	ng	0.01
7) Phenol-d6	6.52	99	2556001	119.71	ng	0.00
23) Nitrobenzene-d5	7.43	82	1580334	96.25	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	656372	119.24	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2762361	79.37	ng	0.00
79) Terphenyl-d14	12.97	244	2330198	76.11	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.68	88	277144	34.627	ng	99
3) Pyridine	3.44	79	727832	36.309	ng	98
4) n-Nitrosodimethylamine	3.39	42	370527	45.525	ng	99
6) Aniline	6.53	93	755069	29.076	ng	# 21
8) 2-Chlorophenol	6.66	128	818475	41.296	ng	97
9) Benzaldehyde	6.41	77	226126	15.590	ng	98
10) Phenol	6.53	94	983748	42.158	ng	89
11) bis(2-Chloroethyl)ether	6.60	93	751966	40.529	ng	98
12) 1,3-Dichlorobenzene	6.80	146	888655	39.289	ng	99
13) 1,4-Dichlorobenzene	6.88	146	899101	38.861	ng	99
14) 1,2-Dichlorobenzene	7.03	146	839918	39.412	ng	97
15) Benzyl Alcohol	7.00	79	667476	41.960	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1055469	39.448	ng	96
17) 2-Methylphenol	7.13	107	636620	42.771	ng	97
18) Hexachloroethane	7.37	117	288688	37.385	ng	98
19) n-Nitroso-di-n-propylamine	7.27	70	537560	41.328	ng	98
20) 3+4-Methylphenols	7.28	107	774722	42.928	ng	# 67
22) Acetophenone	7.27	105	1034919	39.381	ng	98
24) Nitrobenzene	7.45	77	799031	45.920	ng	99
25) Isophorone	7.69	82	1460285	46.048	ng	98
26) 2-Nitrophenol	7.76	139	397346	44.878	ng	99
27) 2,4-Dimethylphenol	7.80	122	691934	47.005	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	938726	43.153	ng	100
29) 2,4-Dichlorophenol	8.01	162	687525	42.755	ng	99
30) 1,2,4-Trichlorobenzene	8.09	180	756428	40.534	ng	99
31) Naphthalene	8.17	128	2221826	43.065	ng	99
32) Benzoic acid	7.92	122	152054	28.614	ng	99
33) 4-Chloroaniline	8.22	127	499237	21.531	ng	99
34) Hexachlorobutadiene	8.29	225	400695	38.583	ng	98
35) Caprolactam	8.58	113	212008m	37.669	ng	
36) 4-Chloro-3-methylphenol	8.71	107	653497	41.608	ng	97
37) 2-Methylnaphthalene	8.86	142	1533886	43.783	ng	99
38) 1-Methylnaphthalene	8.96	142	1444757	42.910	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	712886	43.509	ng	100

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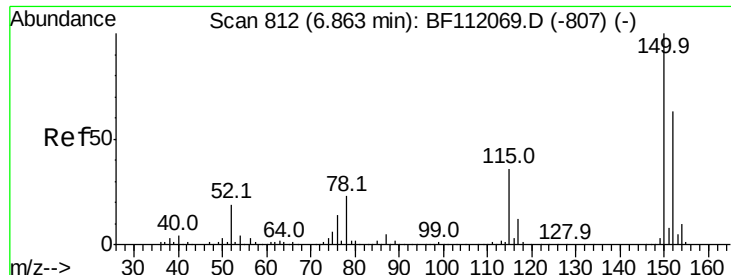
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	169735	31.239	ng	99
43) 2,4,6-Trichlorophenol	9.15	196	464848	47.424	ng	99
44) 2,4,5-Trichlorophenol	9.19	196	485178	46.475	ng	97
46)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

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



#1

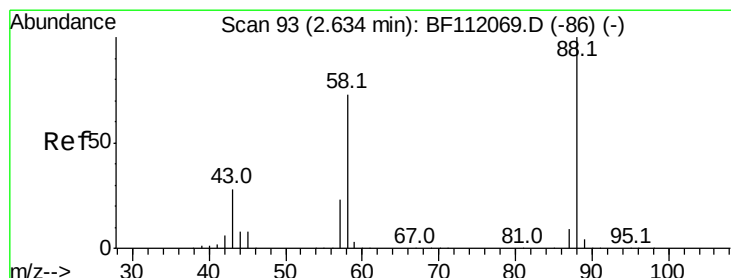
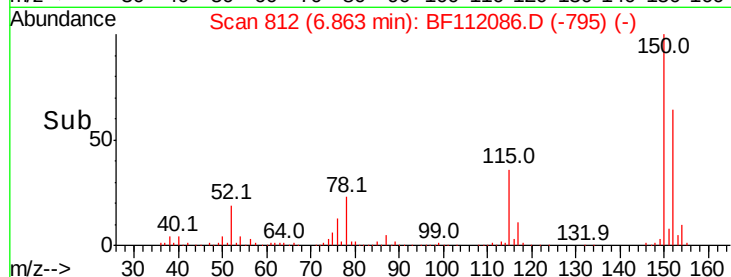
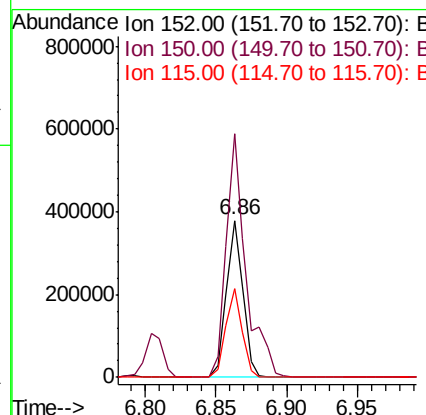
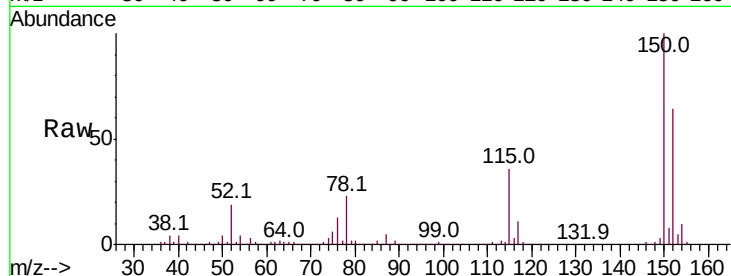
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF112086.D
Acq: 17 Jan 2019 13:49

Instrument :
BNA_F
ClientSampleId :
JDHS-SOUTH-1MS

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

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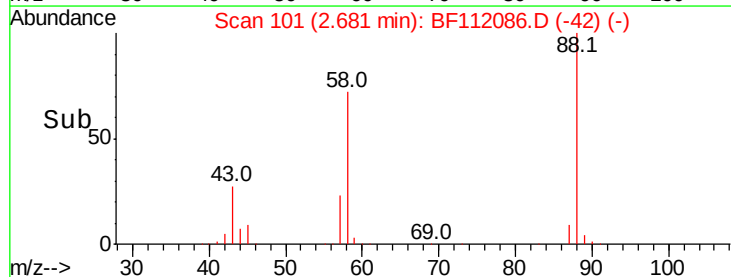
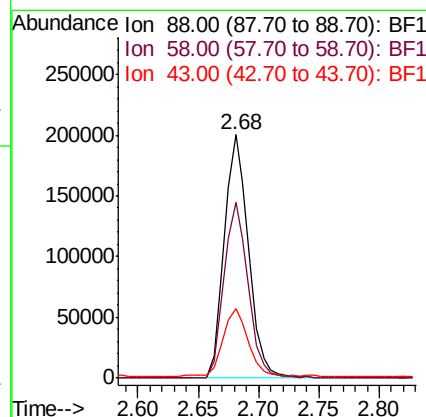
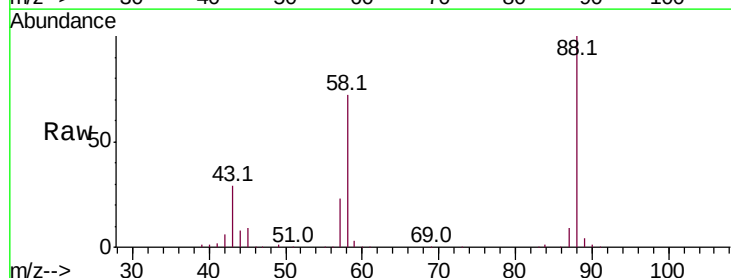
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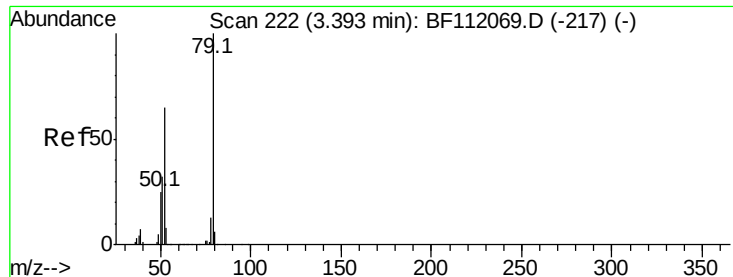


#2

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

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





#3

Pvridine

Concen: 36.309 ng

RT: 3.44 min Scan# 230

Delta R.T. 0.05 min

Lab File: BF112086.D

Acq: 17 Jan 2019 13:49

Instrument :

BNA_F

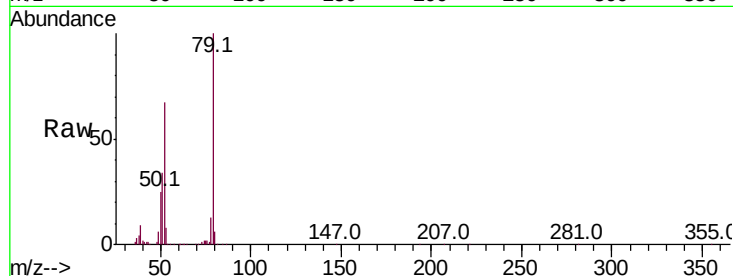
ClientSampleId :

JDHS-SOUTH-1MS

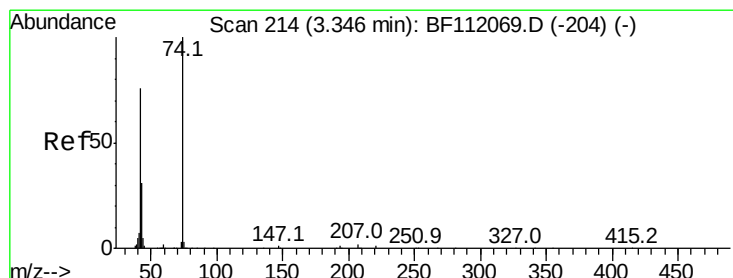
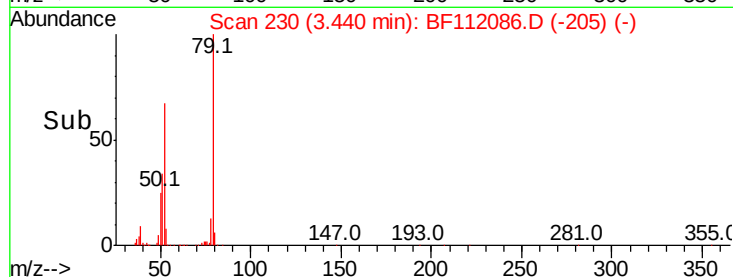
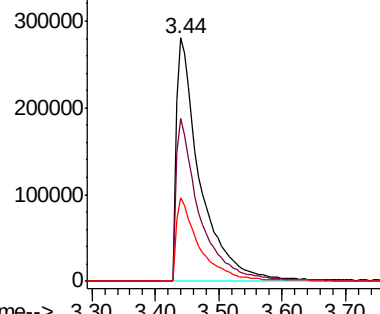
Tot Ion:	79	Resp:	727832
Ion Ratio	Lower	Upper	
79	100		
52	66.8	52.4	78.6
51	34.2	26.1	39.1

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



#4

n-Nitrosodimethylamine

Concen: 45.525 ng

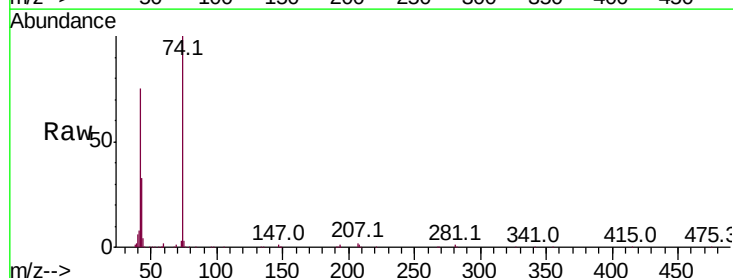
RT: 3.39 min Scan# 221

Delta R.T. 0.04 min

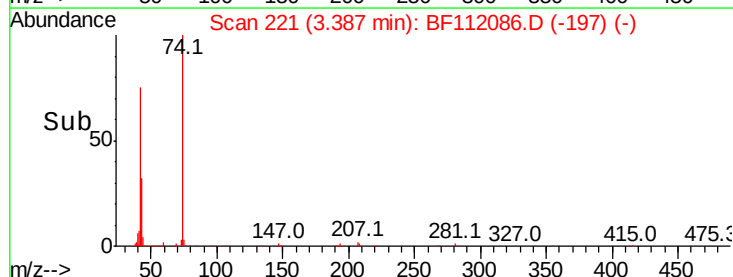
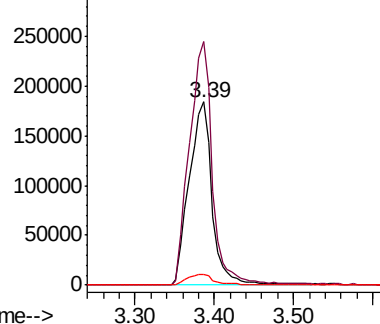
Lab File: BF112086.D

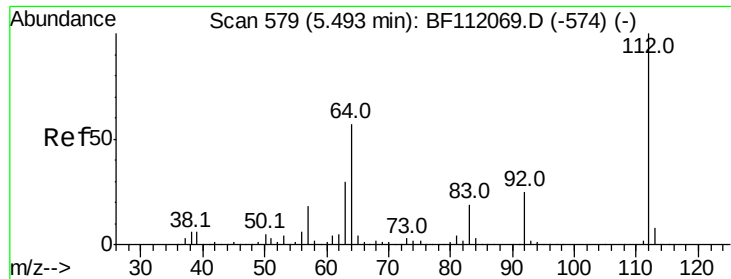
Acq: 17 Jan 2019 13:49

Tgt Ion:	42	Resp:	370527
Ion Ratio	Lower	Upper	
42	100		
74	133.0	105.6	158.4
44	5.8	5.4	8.2



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





#5

2-Fluorophenol

Concen: 119.024 ng

RT: 5.50 min Scan# 581

Delta R.T. 0.01 min

Lab File: BF112086.D

Acq: 17 Jan 2019 13:49

Instrument :

BNA_F

ClientSampleID :

JDHS-SOUTH-1MS

Tot Ion: 112 Resp: 2031176

Ion Ratio Lower Upper

112 100

64 57.5 45.7 68.5

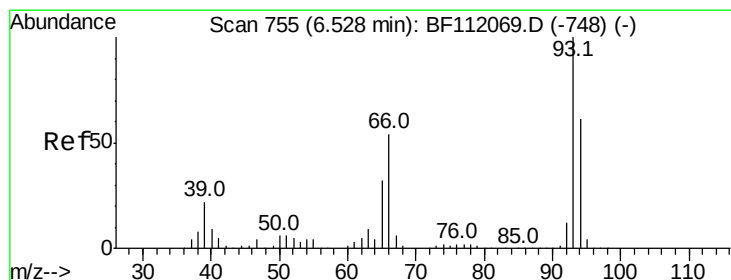
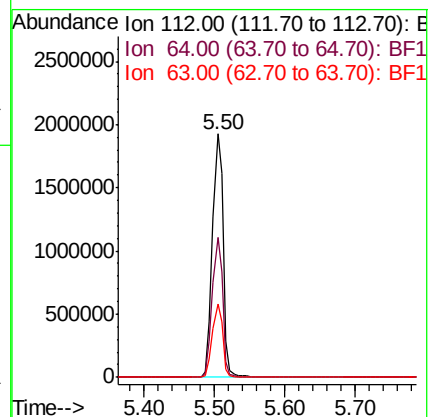
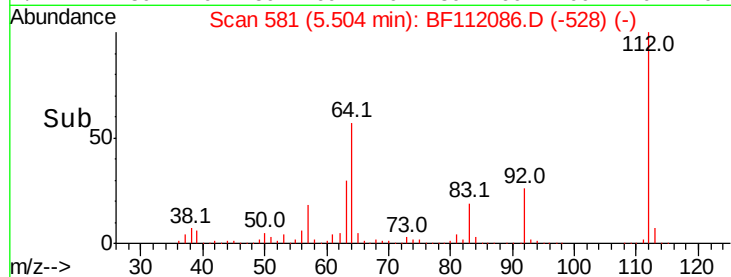
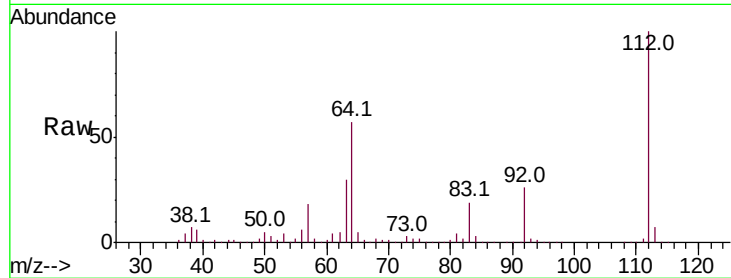
63 30.4 23.6 35.4

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#6

Aniline

Concen: 29.076 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.00 min

Lab File: BF112086.D

Acq: 17 Jan 2019 13:49

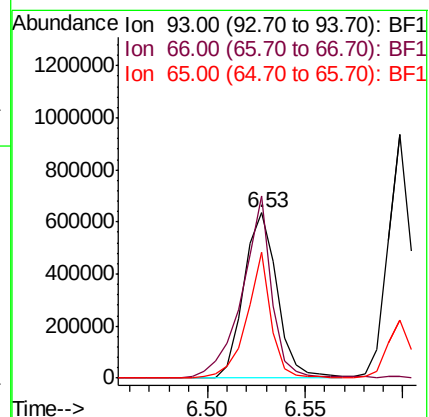
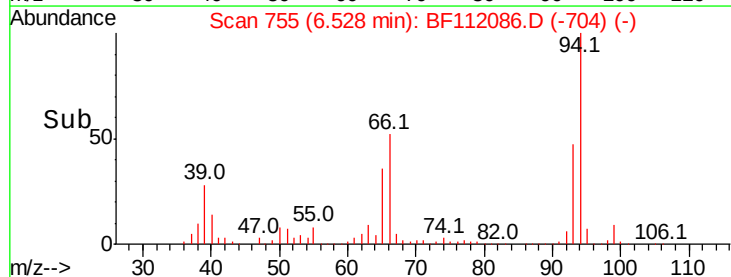
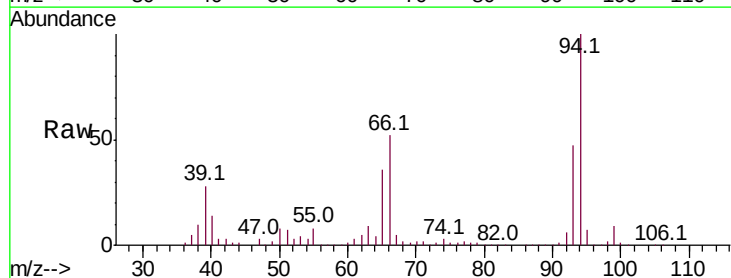
Tgt Ion: 93 Resp: 755069

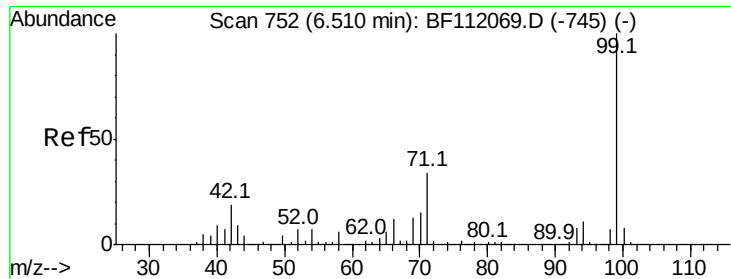
Ion Ratio Lower Upper

93 100

66 110.6 43.4 65.2#

65 76.1 25.3 37.9#





#7

Phenol-d6

Concen: 119.712 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF112086.D

Acq: 17 Jan 2019 13:49

Instrument :

BNA_F

ClientSampleId :

JDHS-SOUTH-1MS

Tot Ion: 99 Resp: 2556001

Ion Ratio Lower Upper

99 100

42 19.4 15.1 22.7

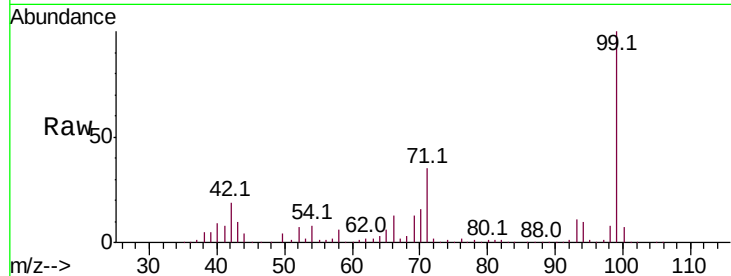
71 34.6 26.9 40.3

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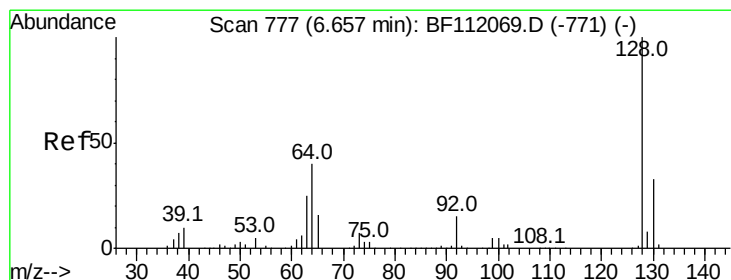
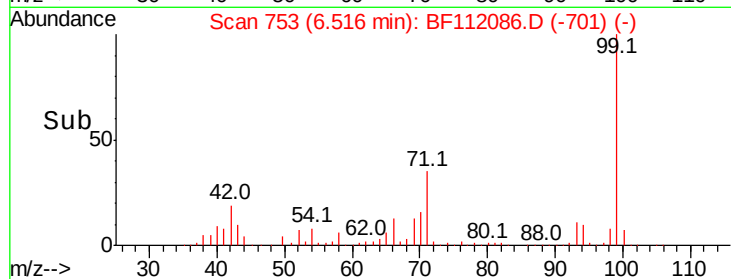
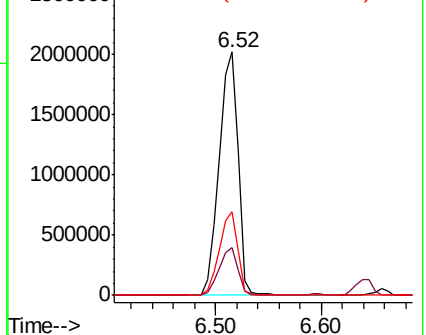
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.296 ng

RT: 6.66 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF112086.D

Acq: 17 Jan 2019 13:49

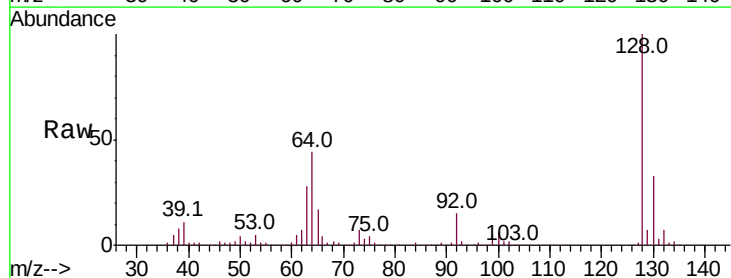
Tgt Ion:128 Resp: 818475

Ion Ratio Lower Upper

128 100

130 33.4 13.4 53.4

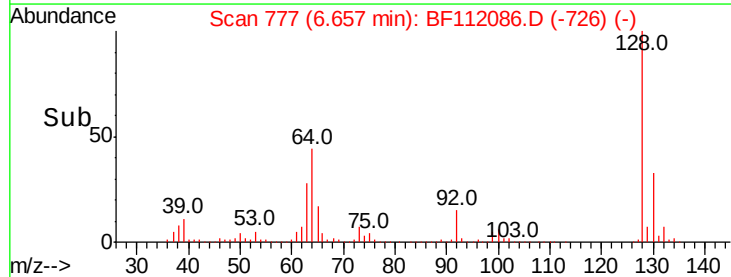
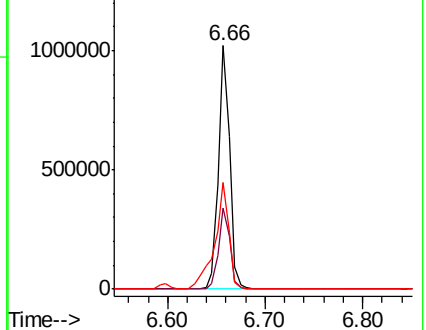
64 43.9 20.5 60.5

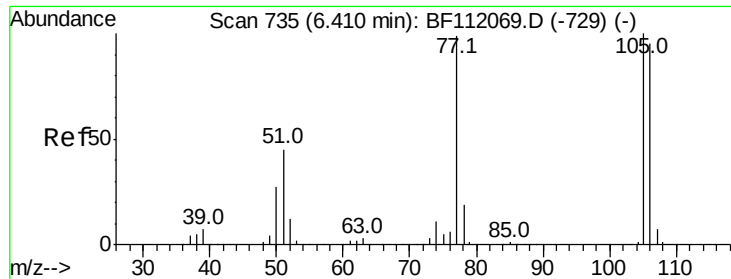


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 15.590 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.00 min

Lab File: BF112086.D

Acq: 17 Jan 2019 13:49

Instrument :

BNA_F

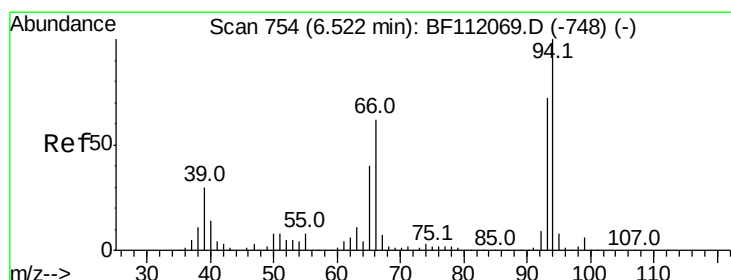
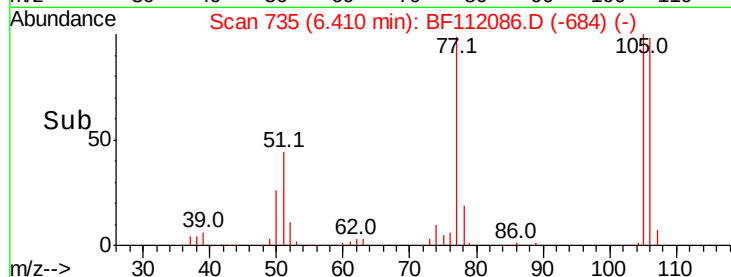
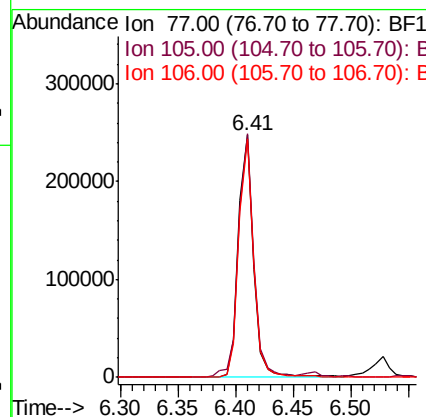
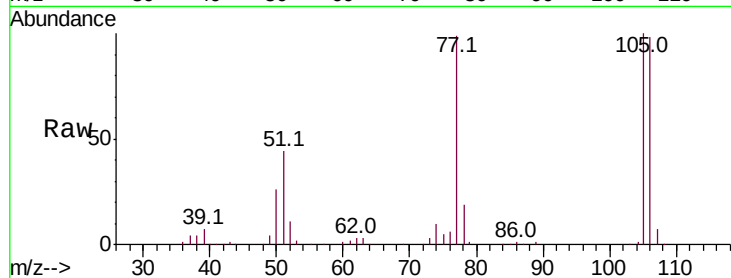
ClientSampleId :

JDHS-SOUTH-1MS

Tot Ion:	77	Resp:	226126
Ion Ratio	Lower	Upper	
77	100		
105	100.7	80.8	120.8
106	98.7	75.7	115.7

Manual Integrations
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#10

Phenol

Concen: 42.158 ng

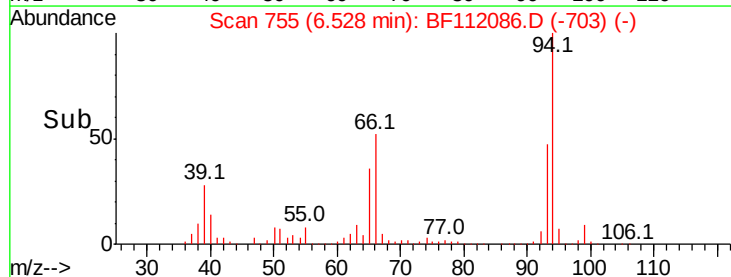
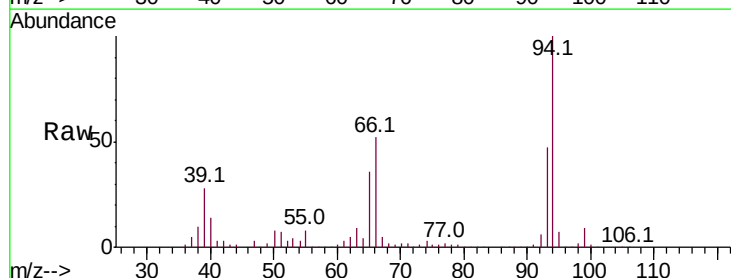
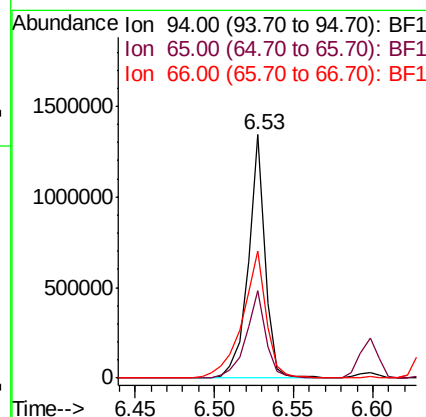
RT: 6.53 min Scan# 755

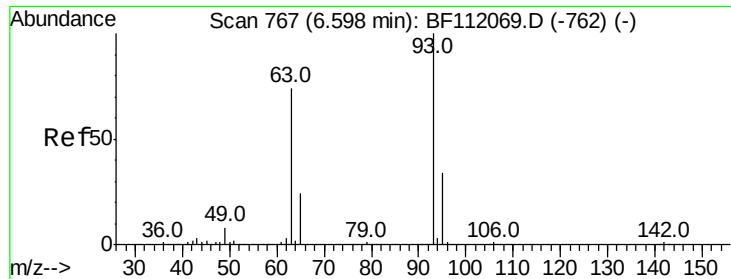
Delta R.T. 0.01 min

Lab File: BF112086.D

Acq: 17 Jan 2019 13:49

Tgt Ion:	94	Resp:	983748
Ion Ratio	Lower	Upper	
94	100		
65	36.0	20.3	60.3
66	52.2	42.4	82.4





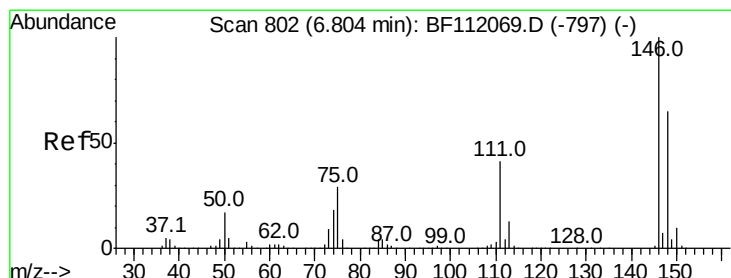
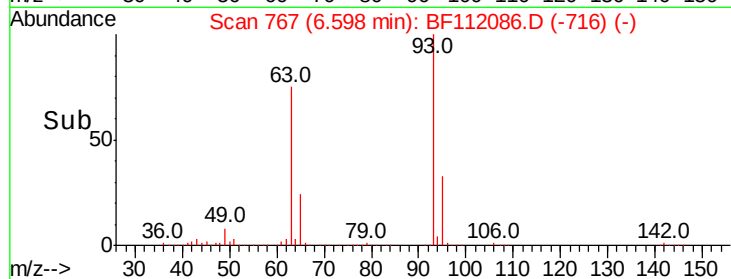
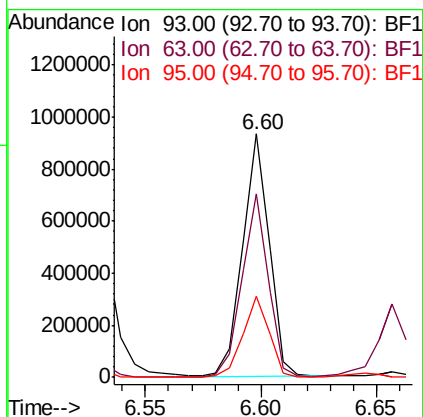
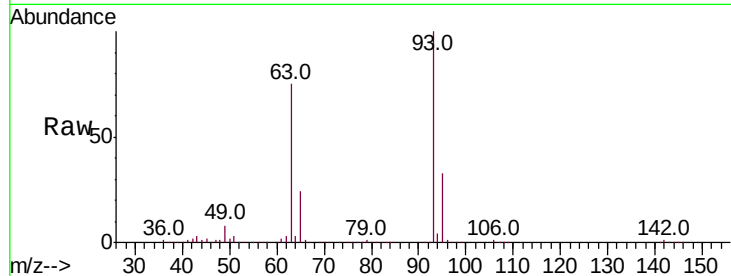
#11
bis(2-Chloroethyl)ether
Concen: 40.529 ng
RT: 6.60 min Scan# 767
Delta R.T. -0.00 min
Lab File: BF112086.D
Acq: 17 Jan 2019 13:49

Instrument :
BNA_F
ClientSampleId :
JDHS-SOUTH-1MS

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

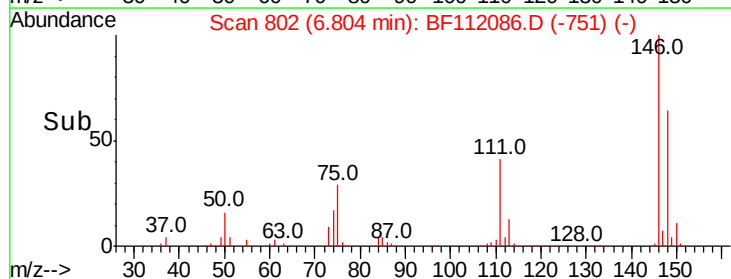
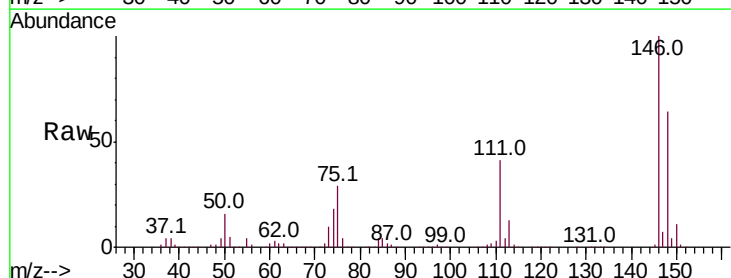
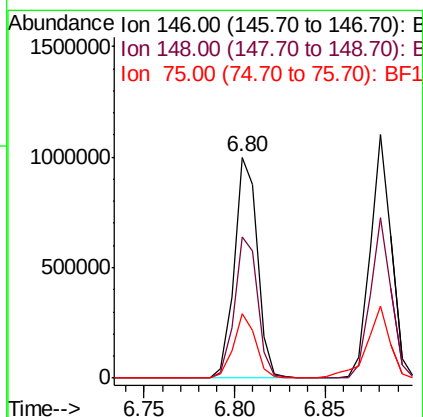
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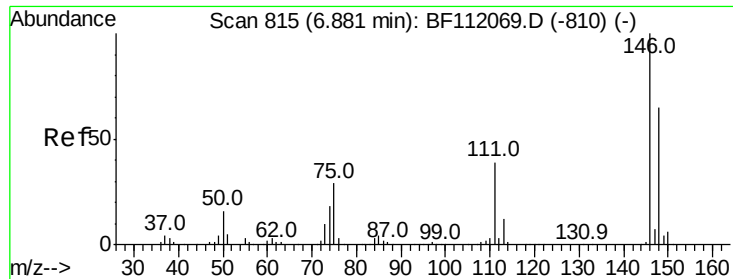
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#12
1,3-Dichlorobenzene
Concen: 39.289 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF112086.D
Acq: 17 Jan 2019 13:49

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





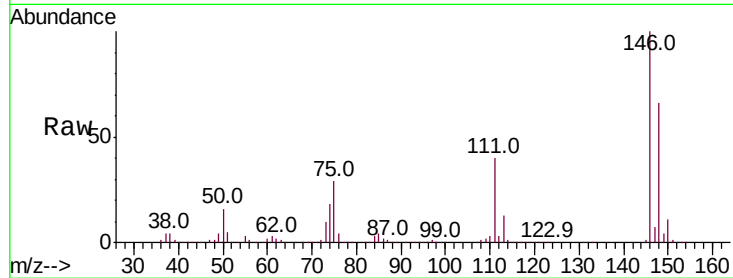
#13
1,4-Dichlorobenzene
Concen: 38.861 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF112086.D
Acq: 17 Jan 2019 13:49

Instrument :
BNA_F
ClientSampleId :
JDHS-SOUTH-1MS

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

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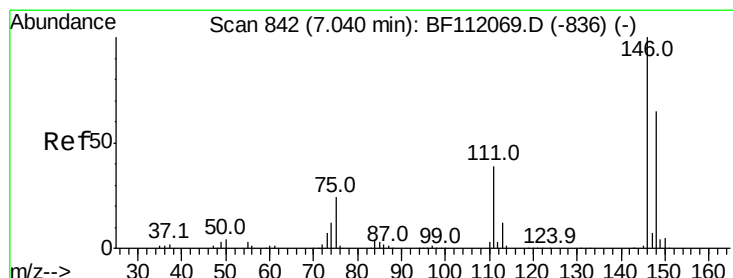
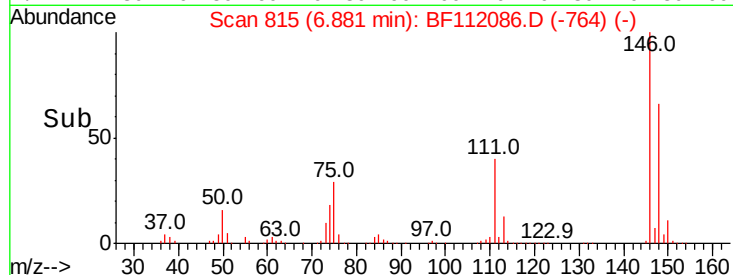
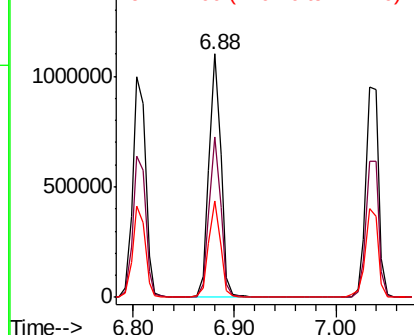


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



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

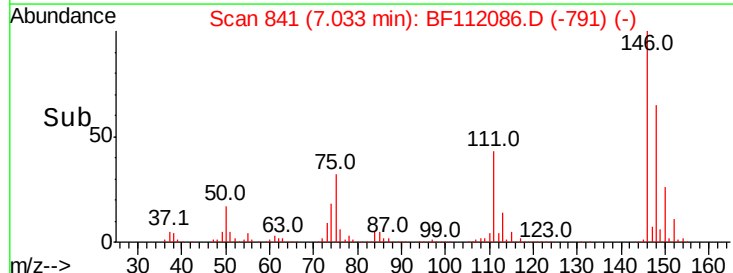
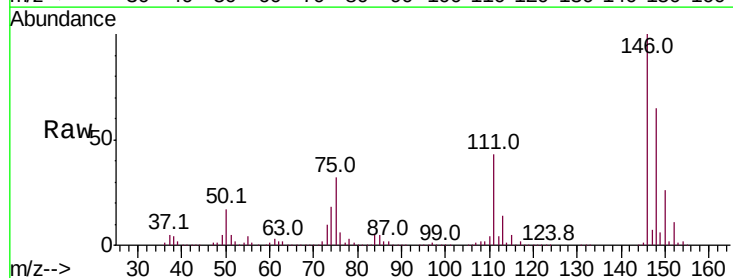
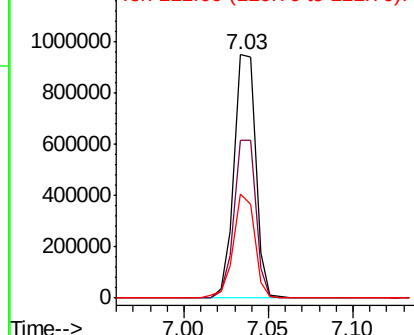
Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	52.2	78.4
111	42.5	31.2	46.8

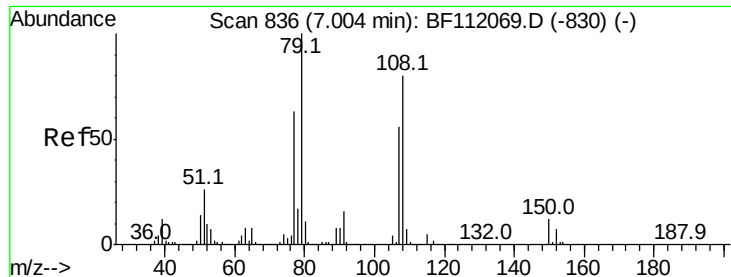
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.960 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.00 min

Lab File: BF112086.D

Acq: 17 Jan 2019 13:49

Instrument :

BNA_F

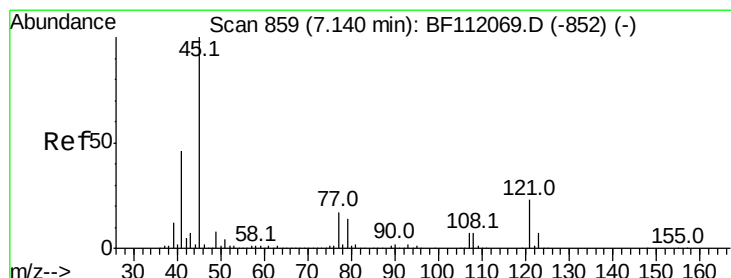
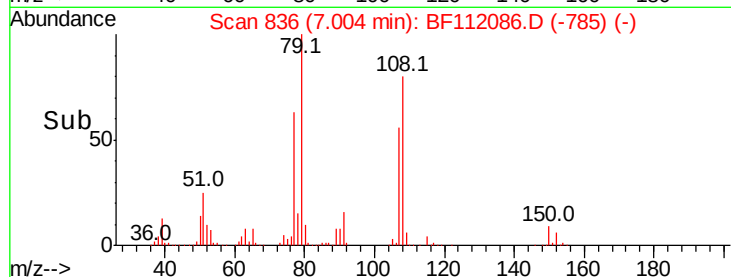
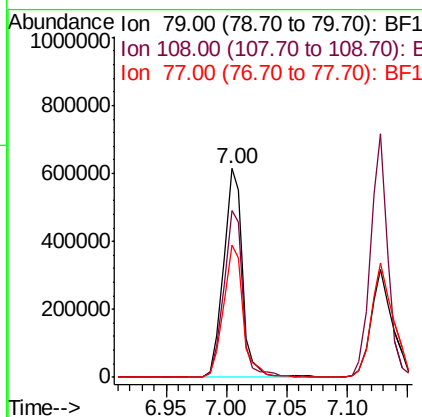
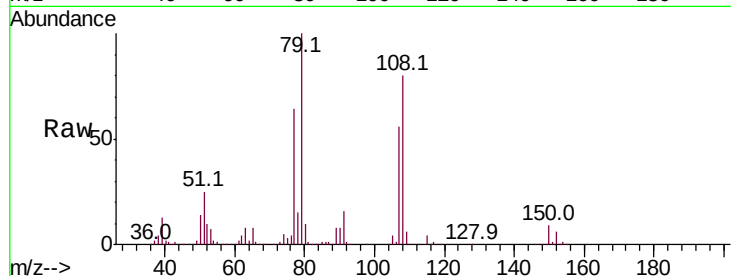
ClientSampleId :

JDHS-SOUTH-1MS

Tot Ion:	79	Resp:	667476
Ion Ratio	Lower	Upper	
79	100		
108	79.7	64.2	96.2
77	63.6	50.3	75.5

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#16

2,2'-oxybis(1-chloropropane)

Concen: 39.448 ng

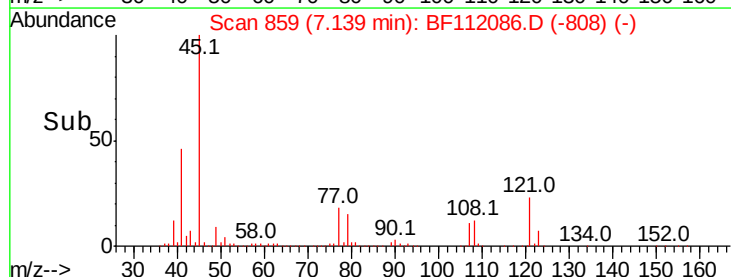
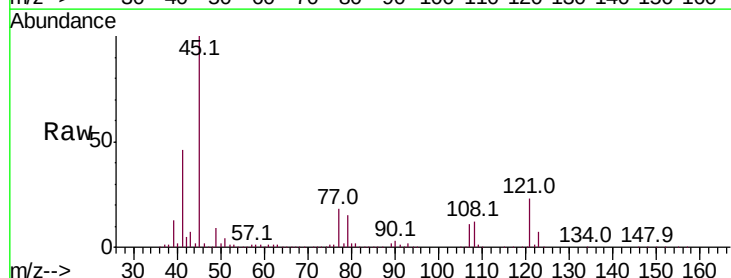
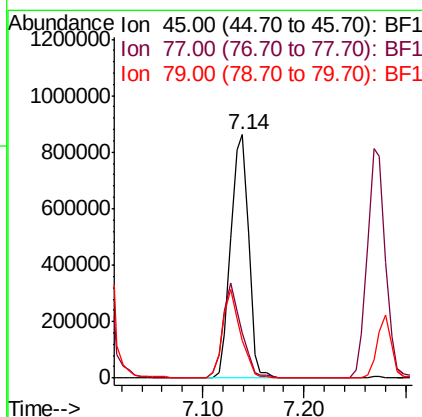
RT: 7.14 min Scan# 859

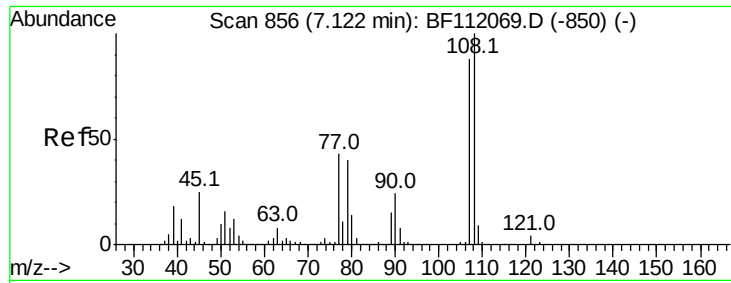
Delta R.T. -0.00 min

Lab File: BF112086.D

Acq: 17 Jan 2019 13:49

Tgt Ion:	45	Resp:	1055469
Ion Ratio	Lower	Upper	
45	100		
77	18.4	0.0	36.9
79	15.4	0.0	34.0





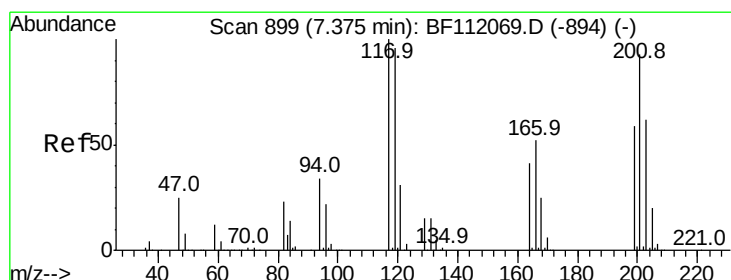
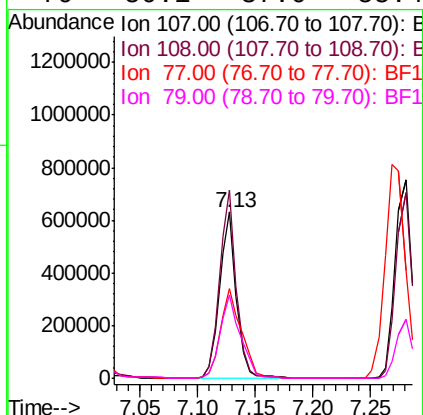
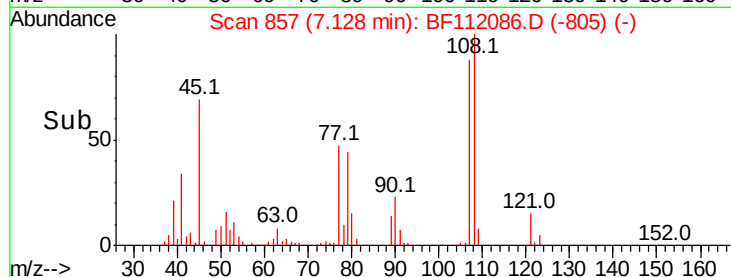
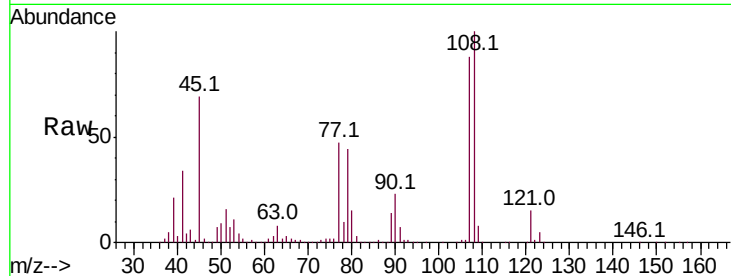
#17
2-Methylphenol
Concen: 42.771 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.01 min
Lab File: BF112086.D
Acq: 17 Jan 2019 13:49

Instrument :
BNA_F
ClientSampleId :
JDHS-SOUTH-1MS

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

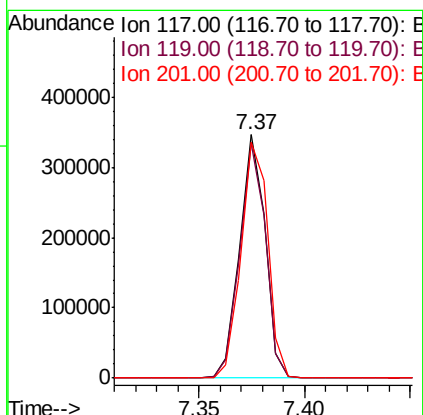
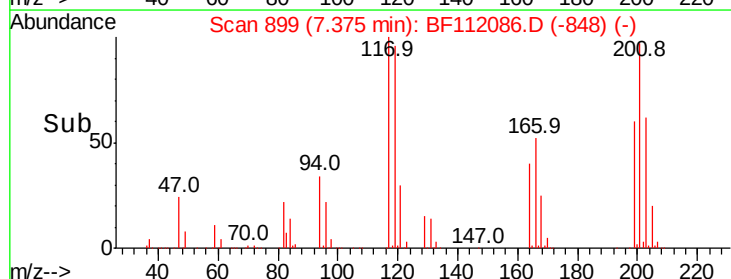
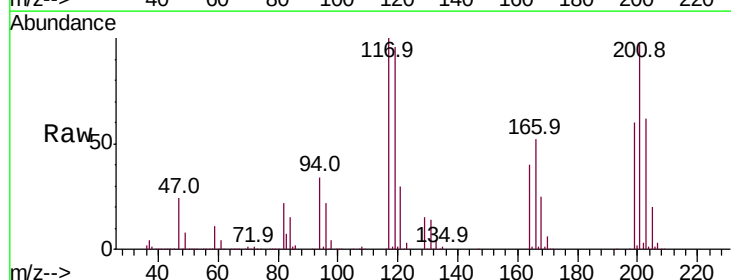
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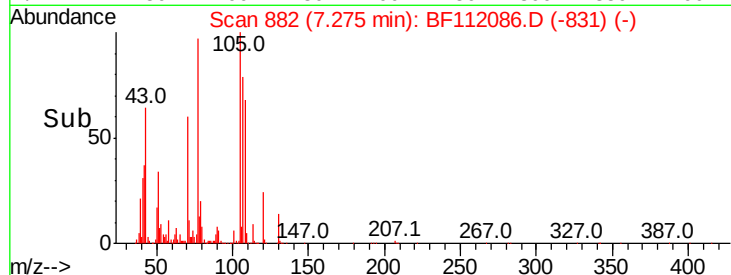
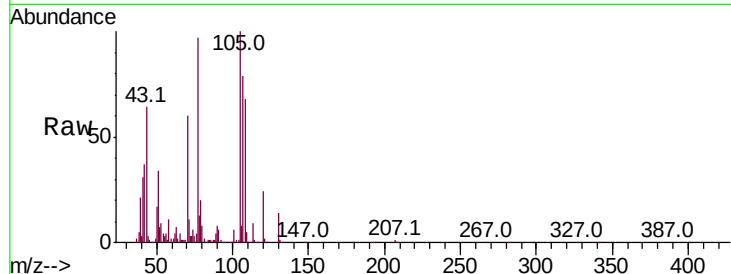
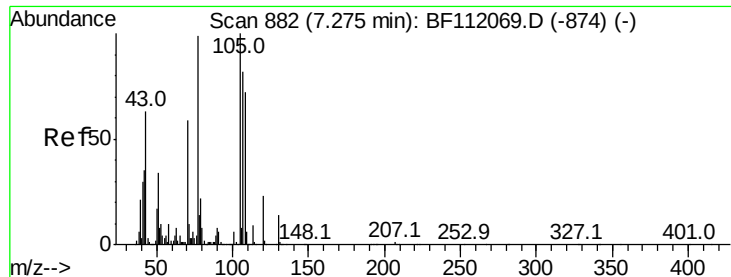
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#18
Hexachloroethane
Concen: 37.385 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF112086.D
Acq: 17 Jan 2019 13:49

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





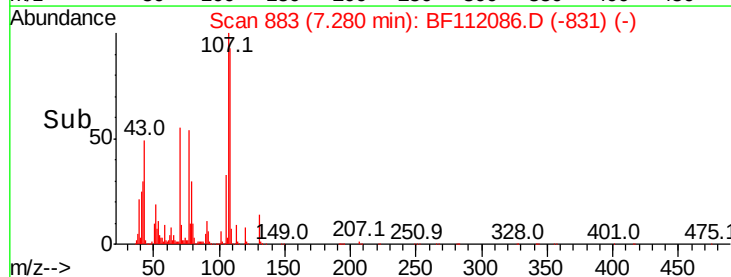
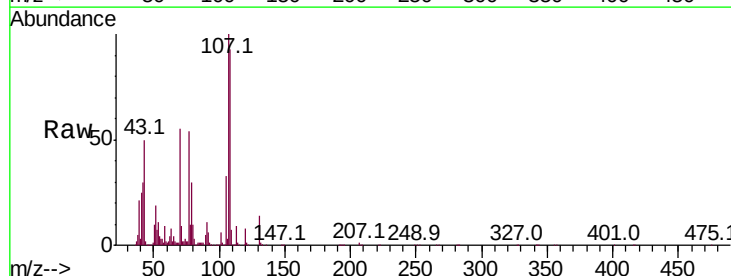
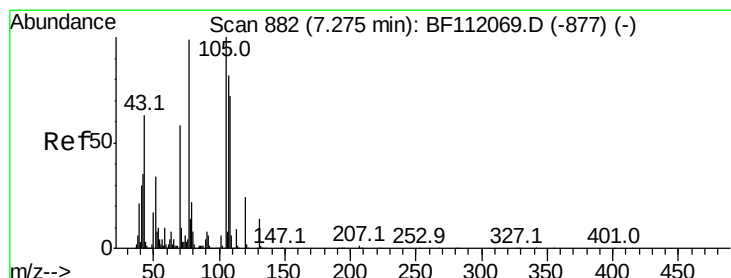
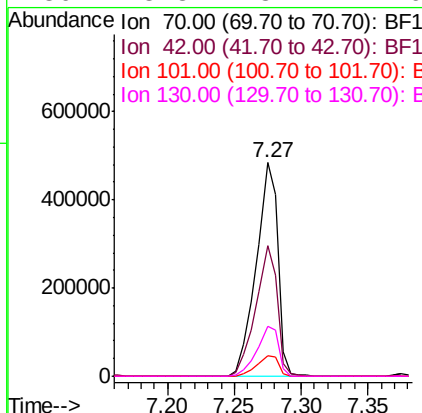
#19
n-Nitroso-di-n-propylamine
Concen: 41.328 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.00 min
Lab File: BF112086.D
Acq: 17 Jan 2019 13:49

Instrument :
BNA_F
ClientSampleId :
JDHS-SOUTH-1MS

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

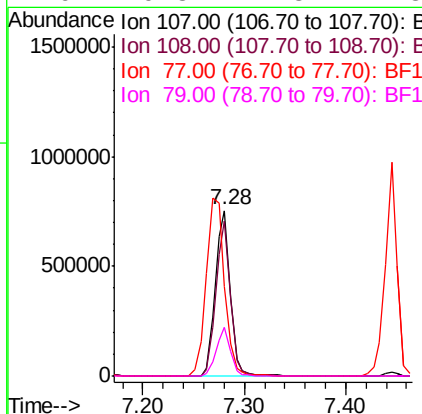
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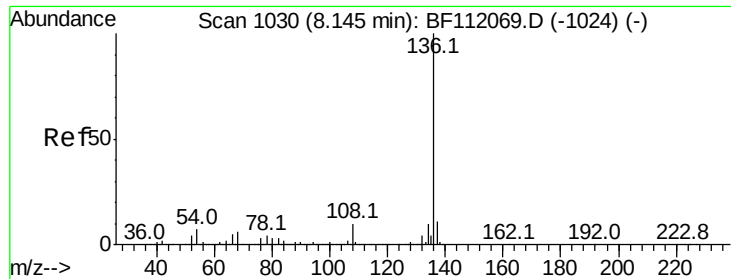
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#20
3+4-Methylphenols
Concen: 42.928 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.01 min
Lab File: BF112086.D
Acq: 17 Jan 2019 13:49

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





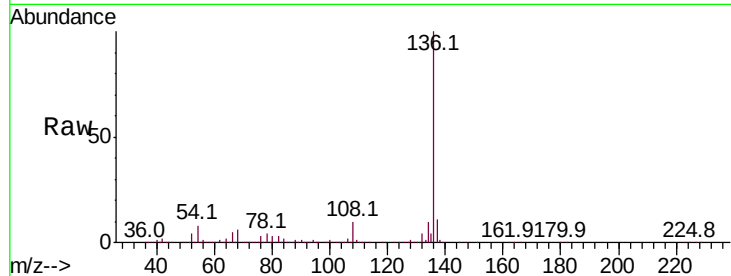
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF112086.D
Acq: 17 Jan 2019 13:49

Instrument :
BNA_F
ClientSampleId :
JDHS-SOUTH-1MS

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	7.5	5.9	8.9
68	6.4	5.1	7.7

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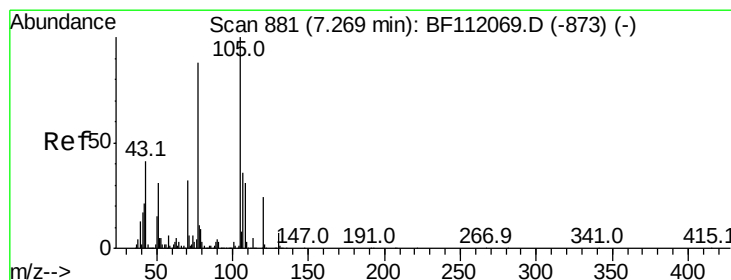
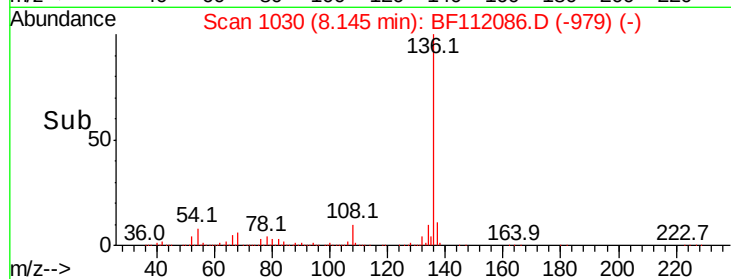
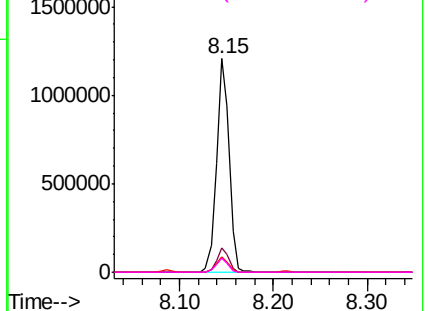
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 39.381 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.00 min
Lab File: BF112086.D
Acq: 17 Jan 2019 13:49

Tgt Ion	Ratio	Lower	Upper
105	100		
71	5.2	4.6	6.8
51	29.8	25.0	37.6
120	24.1	19.0	28.4

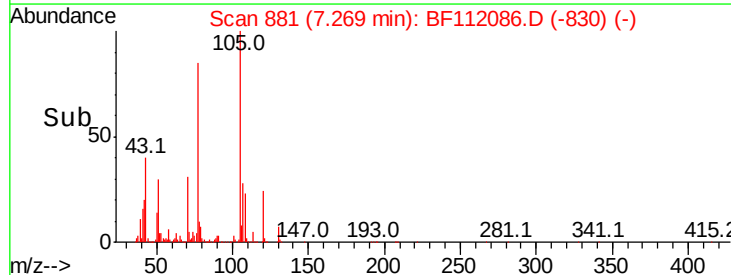
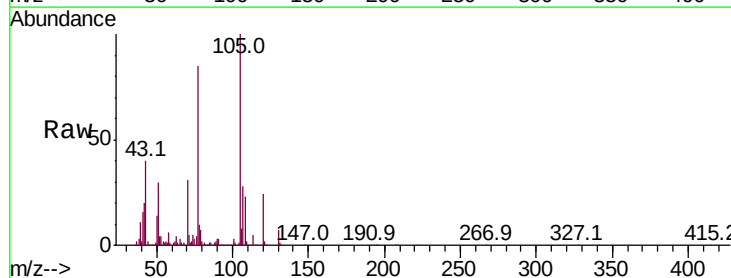
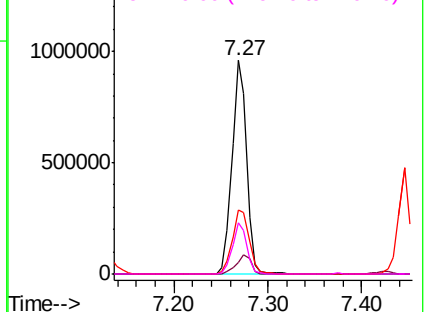
Abundance

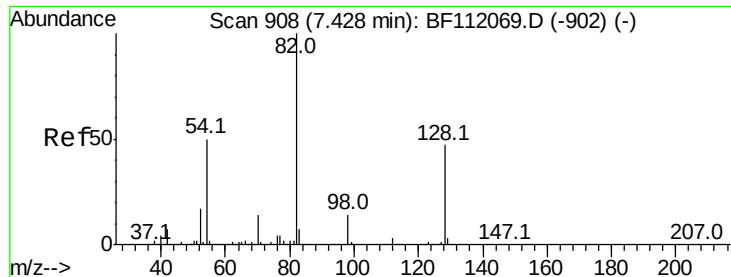
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





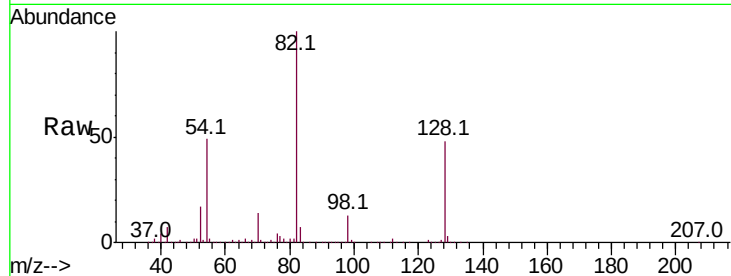
#23
 Nitrobenzene-d5
 Concen: 96.254 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.00 min
 Lab File: BF112086.D
 Acq: 17 Jan 2019 13:49

Instrument :
 BNA_F
 ClientSampleId :
 JDHS-SOUTH-1MS

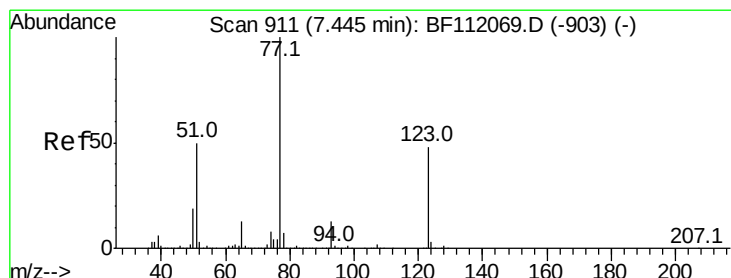
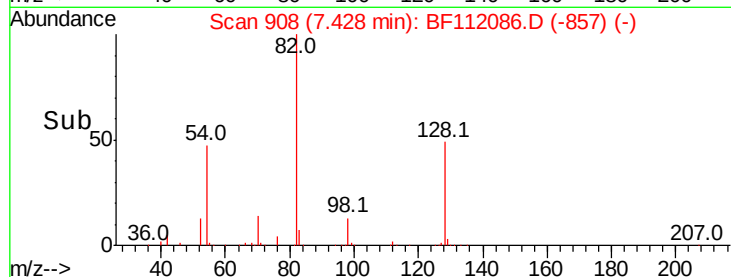
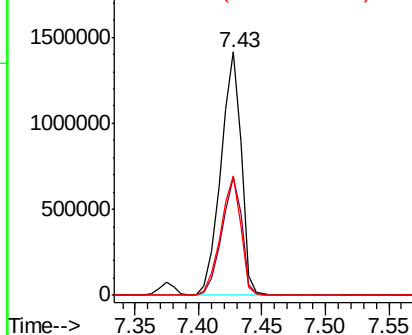
Tot Ion: 82 Resp: 1580334
 Ion Ratio Lower Upper
 82 100
 128 48.5 37.8 56.8
 54 49.0 39.7 59.5

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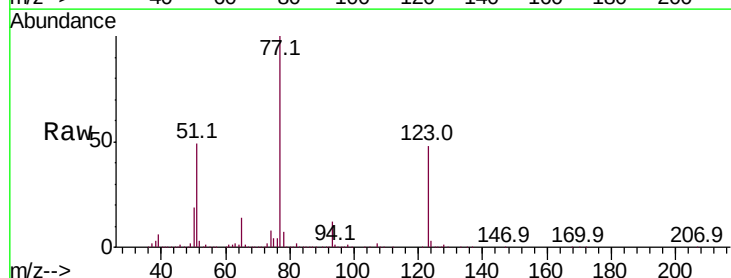


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

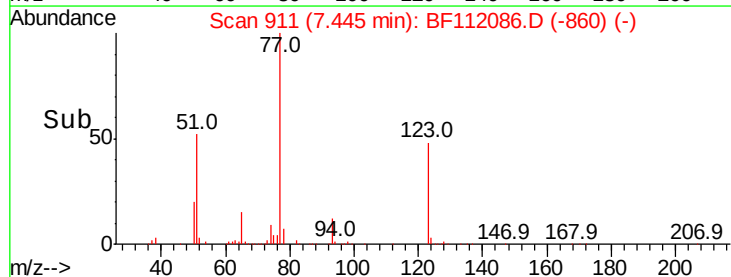
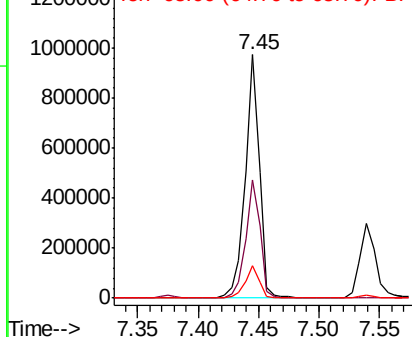


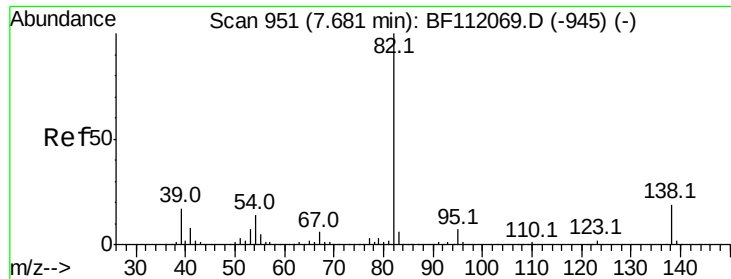
#24
 Nitrobenzene
 Concen: 45.920 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.00 min
 Lab File: BF112086.D
 Acq: 17 Jan 2019 13:49

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



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





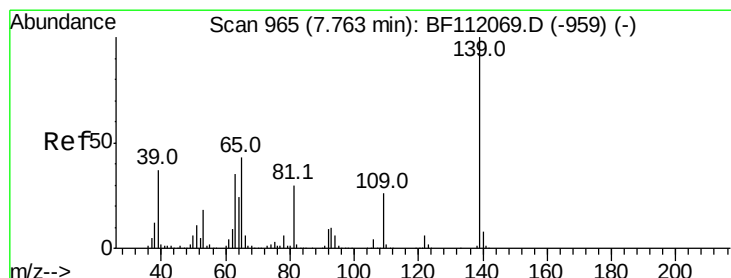
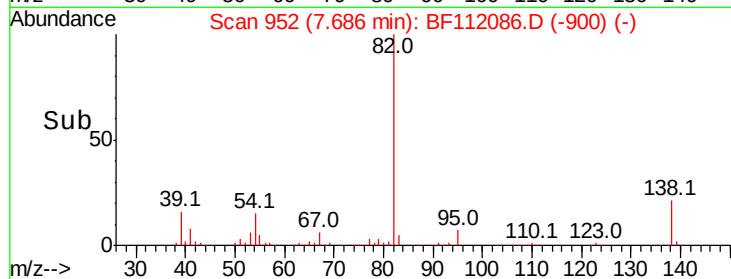
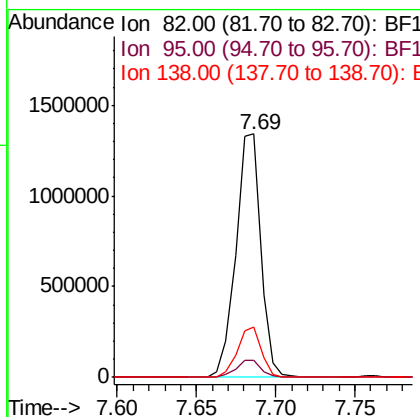
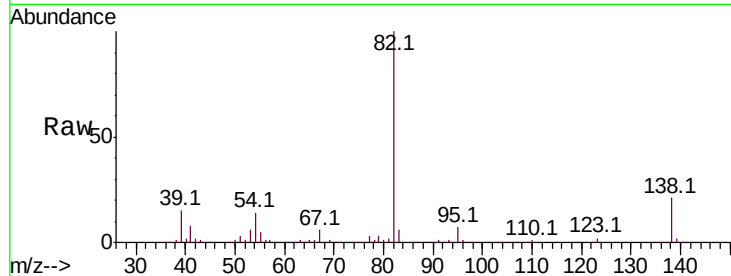
#25
Isophorone
Concen: 46.048 ng
RT: 7.69 min Scan# 952
Delta R.T. 0.01 min
Lab File: BF112086.D
Acq: 17 Jan 2019 13:49

Instrument :
BNA_F
ClientSampleId :
JDHS-SOUTH-1MS

Tot Ion: 82 Resp: 1460285
Ion Ratio Lower Upper
82 100
95 7.1 5.7 8.5
138 20.6 15.4 23.0

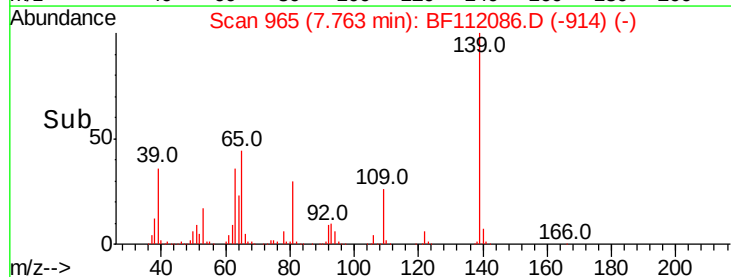
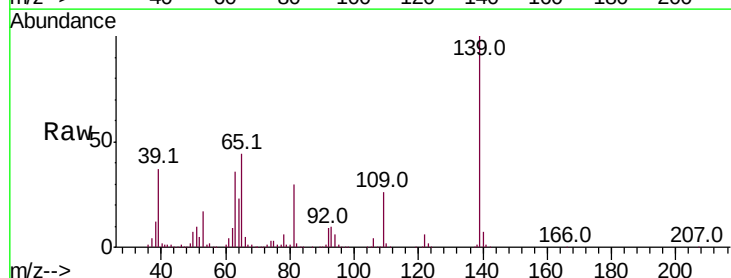
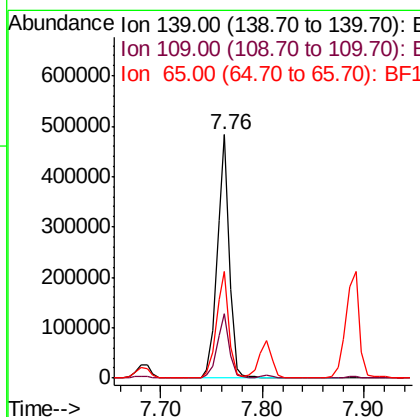
Manual Integrations
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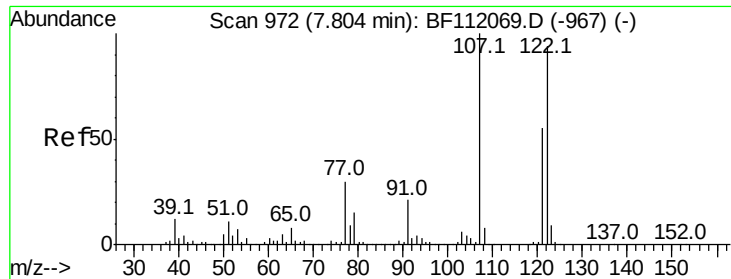
Sohil
1/18/2019 11:45:41 AM



#26
2-Nitrophenol
Concen: 44.878 ng
RT: 7.76 min Scan# 965
Delta R.T. -0.00 min
Lab File: BF112086.D
Acq: 17 Jan 2019 13:49

Tgt Ion: 139 Resp: 397346
Ion Ratio Lower Upper
139 100
109 26.2 20.8 31.2
65 43.9 34.4 51.6





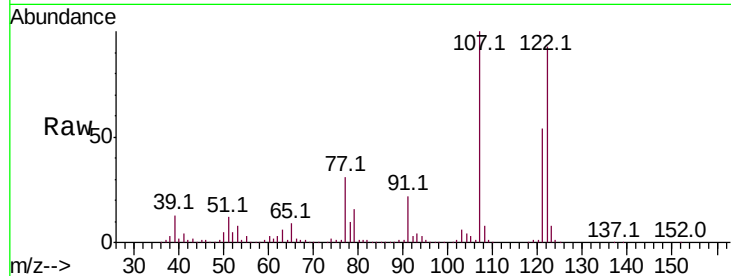
#27
2,4-Dimethylphenol
Concen: 47.005 ng
RT: 7.80 min Scan# 972
Delta R.T. -0.00 min
Lab File: BF112086.D
Acq: 17 Jan 2019 13:49

Instrument :
BNA_F
ClientSampleId :
JDHS-SOUTH-1MS

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

Manual Integrations
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Sohil
1/18/2019 11:45:41 AM

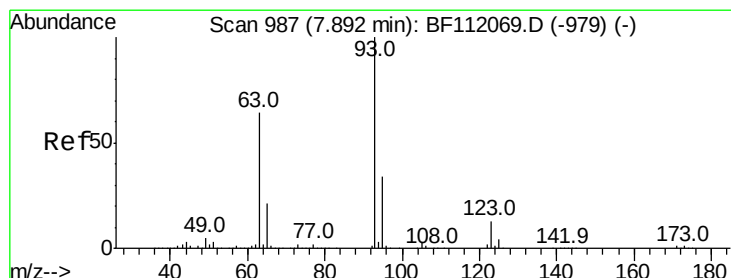
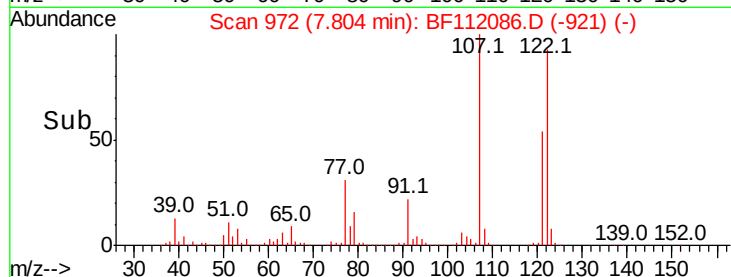
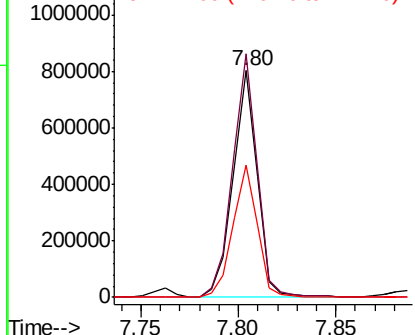


Abundance

Ion 122.00 (121.70 to 122.70): E

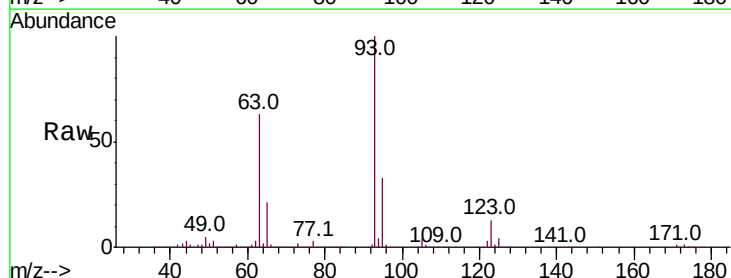
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



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

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

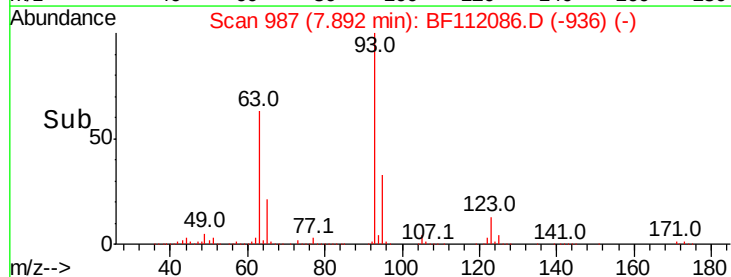
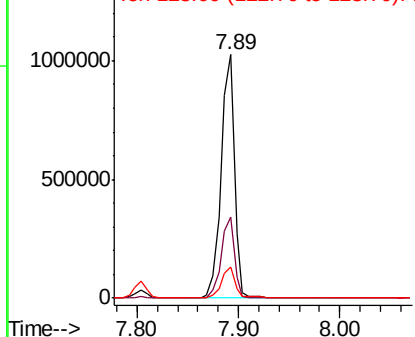


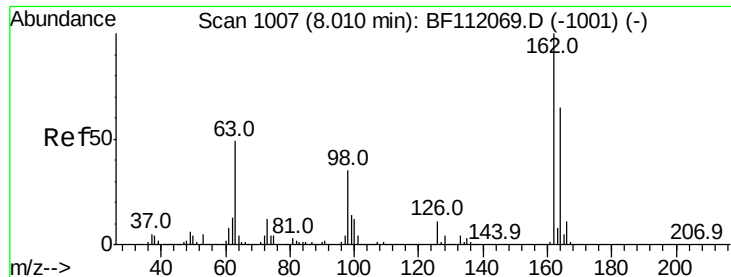
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





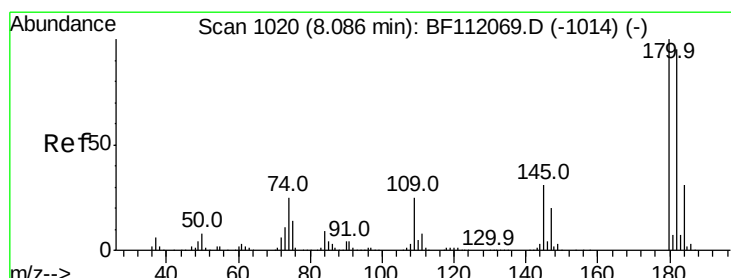
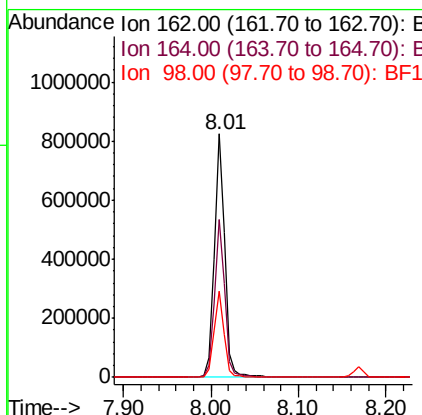
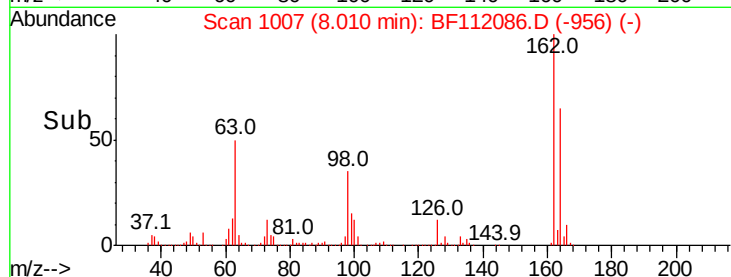
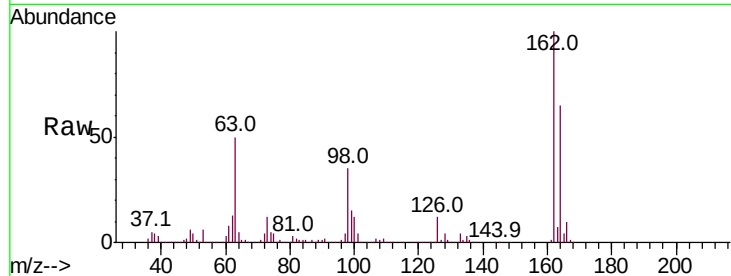
#29
2,4-Dichlorophenol
Concen: 42.755 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BF112086.D
Acq: 17 Jan 2019 13:49

Instrument :
BNA_F
ClientSampleID :
JDHS-SOUTH-1MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	687525		
164	64.7		44.6	84.6
98	35.4		14.6	54.6

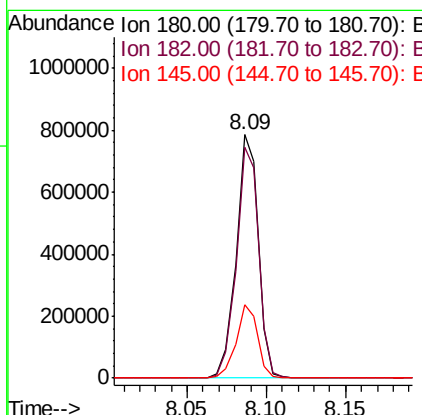
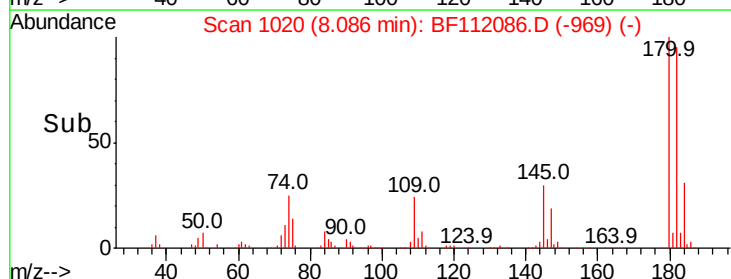
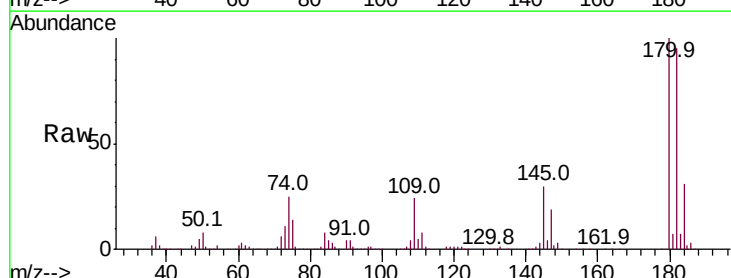
Manual Integrations
APPROVED

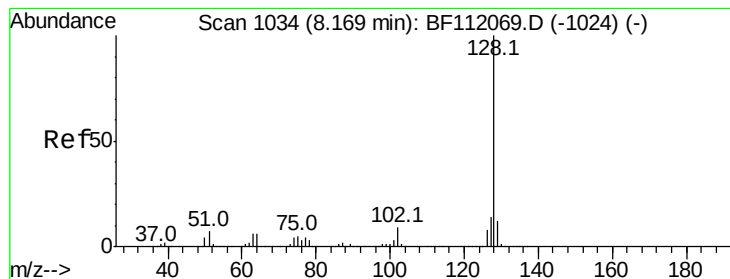
Sohil
1/18/2019 11:45:41 AM



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

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	756428		
182	94.9		76.4	114.6
145	30.4		25.0	37.4





#31

Naphthalene

Concen: 43.065 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF112086.D

Acq: 17 Jan 2019 13:49

Instrument :

BNA_F

ClientSampleId :

JDHS-SOUTH-1MS

Tot Ion:128 Resp: 2221826

Ion Ratio Lower Upper

128 100

129 12.0 9.6 14.4

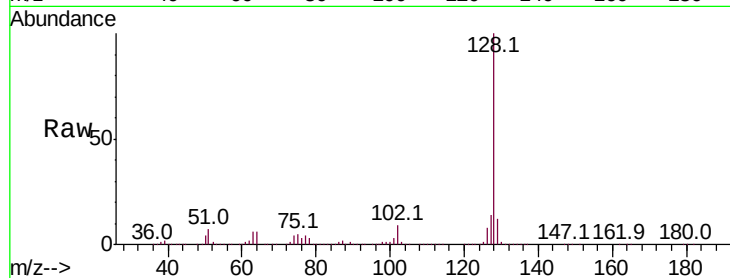
127 14.4 11.1 16.7

Manual Integrations

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Sohil

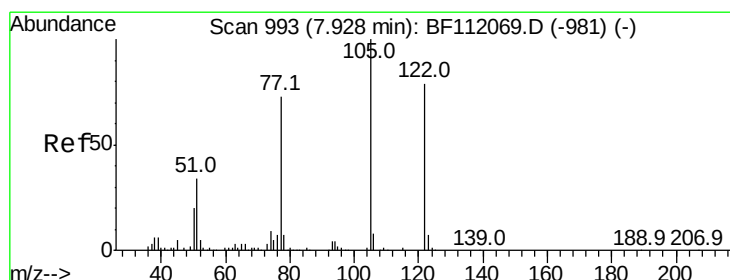
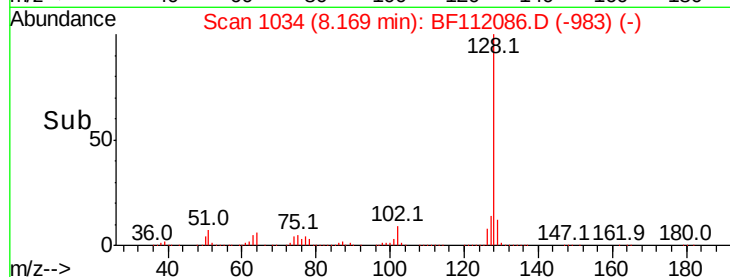
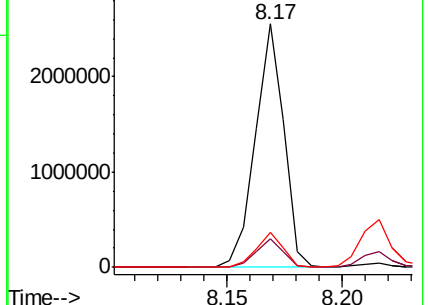
1/18/2019 11:45:41 AM



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 28.614 ng

RT: 7.92 min Scan# 991

Delta R.T. -0.01 min

Lab File: BF112086.D

Acq: 17 Jan 2019 13:49

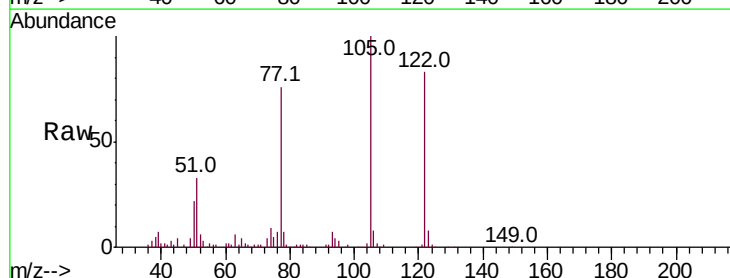
Tgt Ion:122 Resp: 152054

Ion Ratio Lower Upper

122 100

105 119.9 101.2 141.2

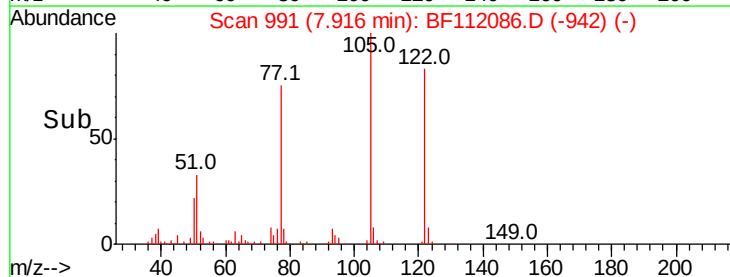
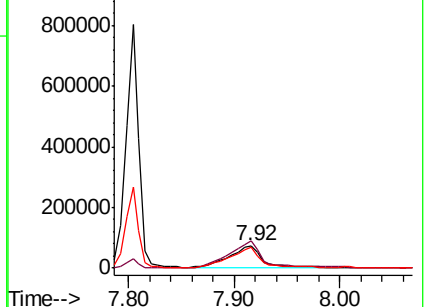
77 91.4 70.4 110.4

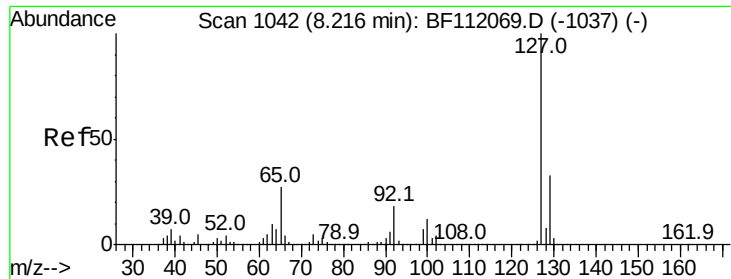


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





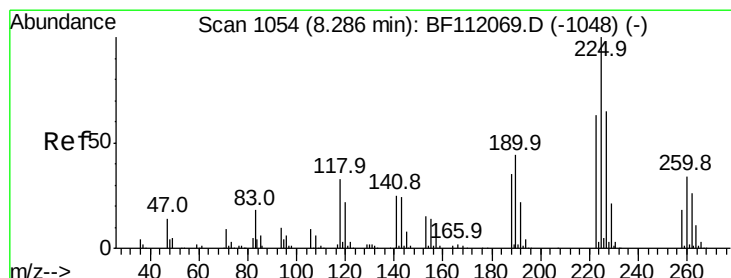
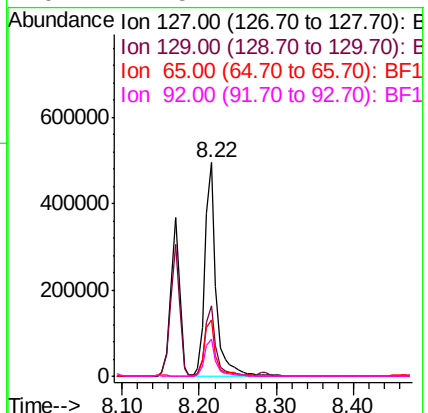
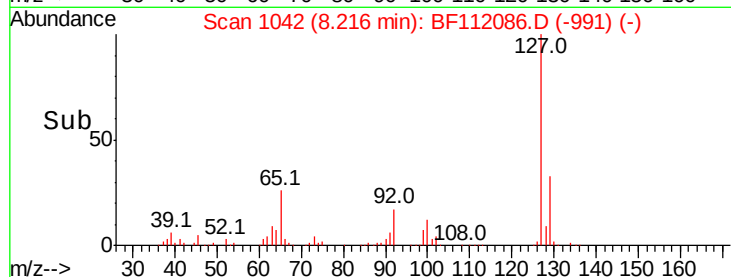
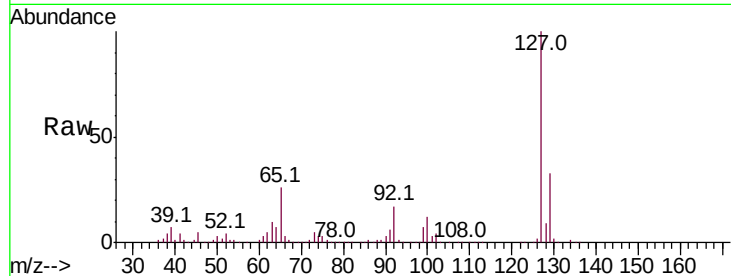
#33
4-Chloroaniline
Concen: 21.531 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BF112086.D
Acq: 17 Jan 2019 13:49

Instrument :
BNA_F
ClientSampleId :
JDHS-SOUTH-1MS

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

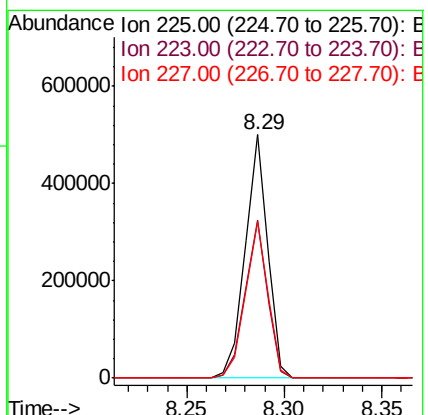
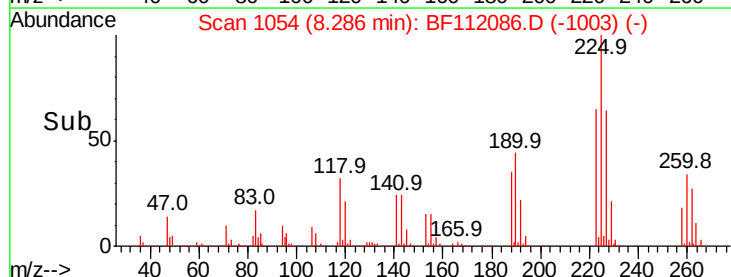
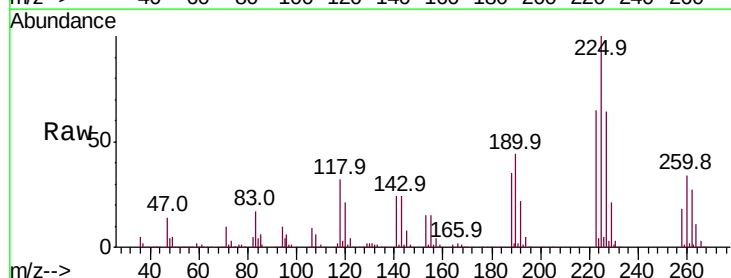
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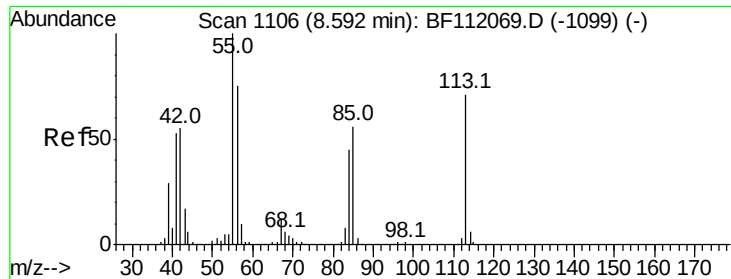
Sohil
1/18/2019 11:45:41 AM



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

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





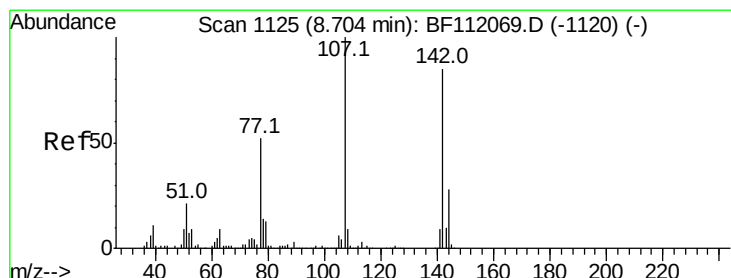
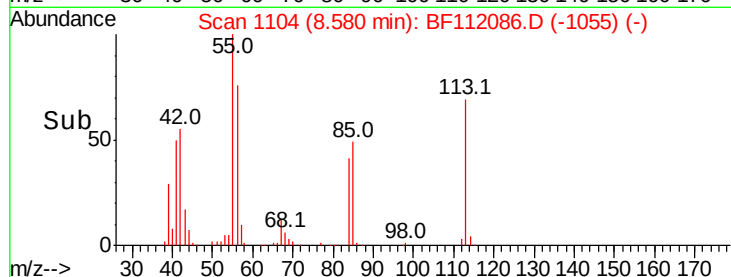
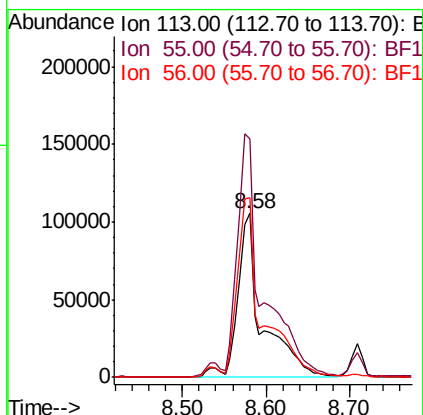
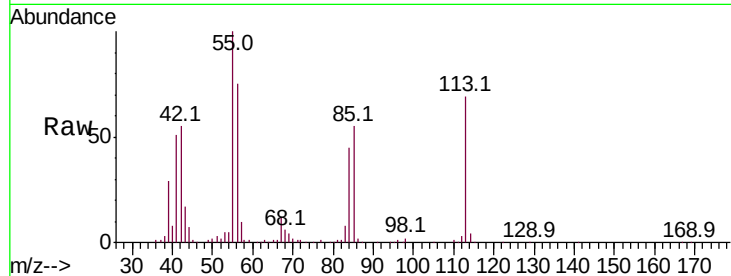
#35
 Caprolactam
 Concen: 37.669 ng/ml
 RT: 8.58 min Scan# 1104
 Delta R.T. -0.01 min
 Lab File: BF112086.D
 Acq: 17 Jan 2019 13:49

Instrument :
 BNA_F
 ClientSampleId :
 JDHS-SOUTH-1MS

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

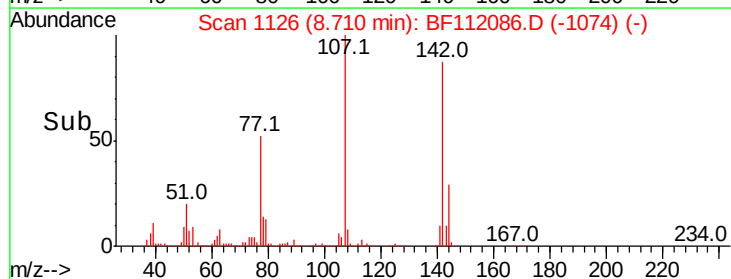
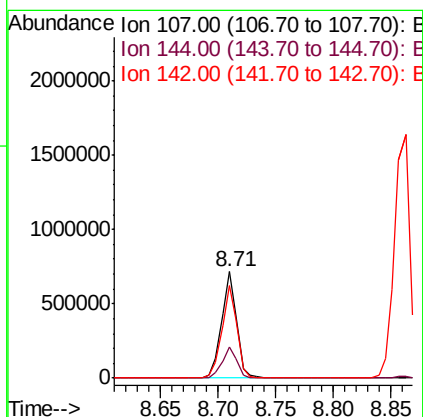
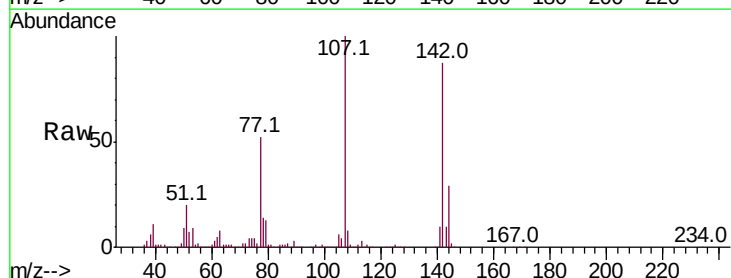
Manual Integrations
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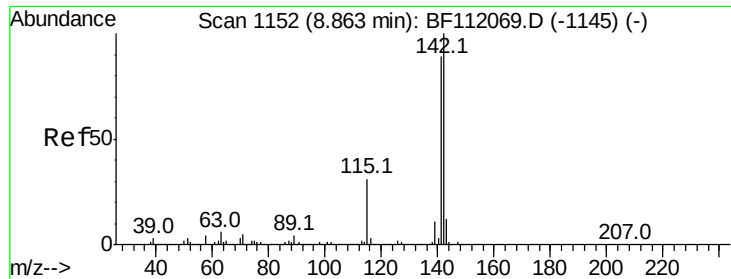
Sohil
 1/18/2019 11:45:41 AM



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

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





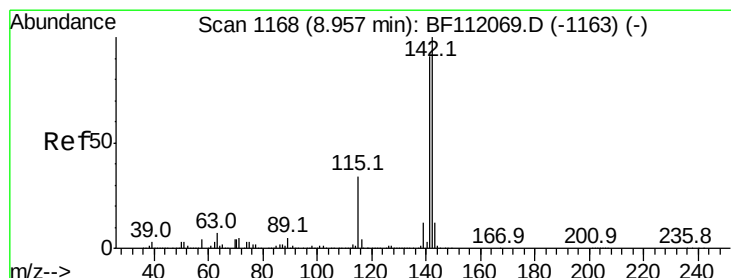
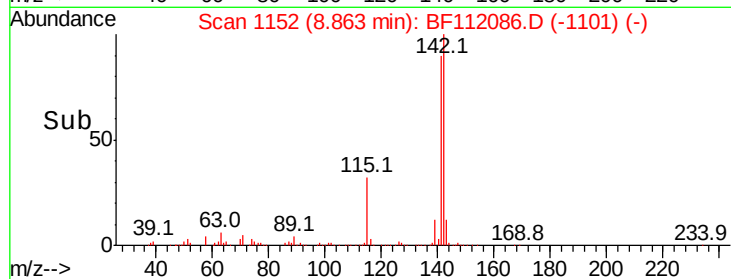
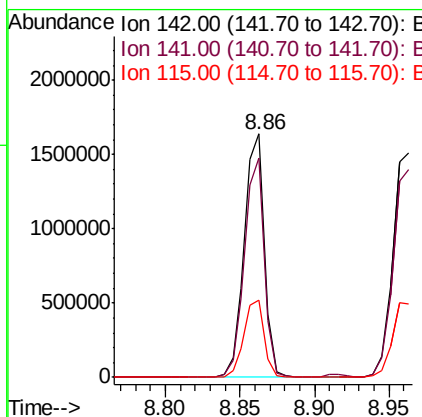
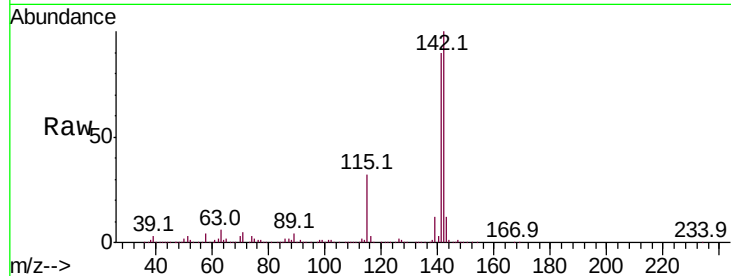
#37
2-Methylnaphthalene
Concen: 43.783 ng
RT: 8.86 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BF112086.D
Acq: 17 Jan 2019 13:49

Instrument :
BNA_F
ClientSampleId :
JDHS-SOUTH-1MS

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

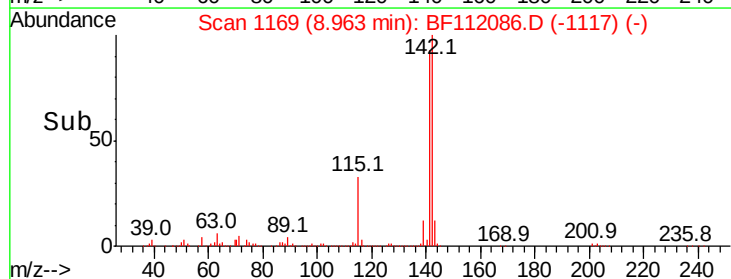
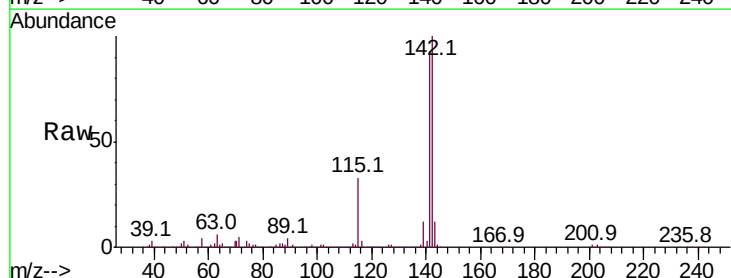
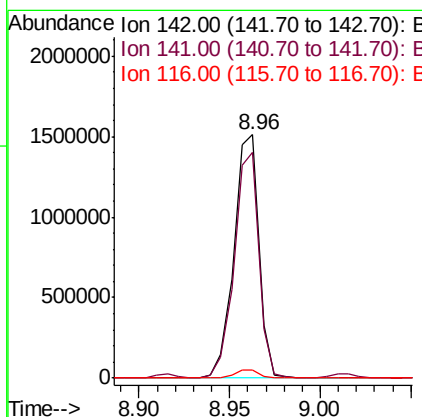
Manual Integrations
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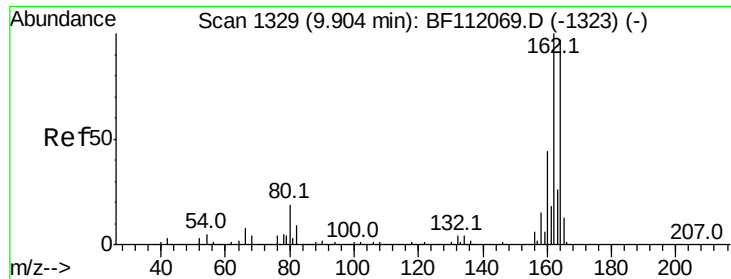
Sohil
1/18/2019 11:45:41 AM



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

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





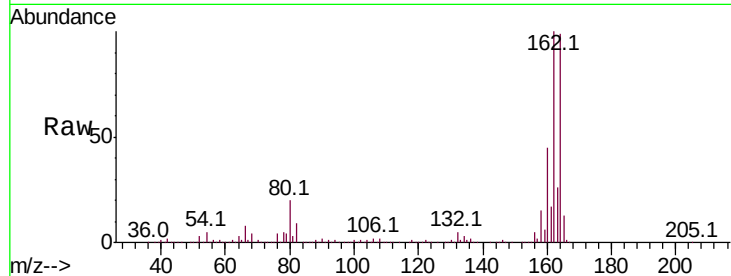
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BF112086.D
Acq: 17 Jan 2019 13:49

Instrument :
BNA_F
ClientSampleId :
JDHS-SOUTH-1MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.2	82.2	123.4	
160	45.7	36.2	54.4	

Manual Integrations
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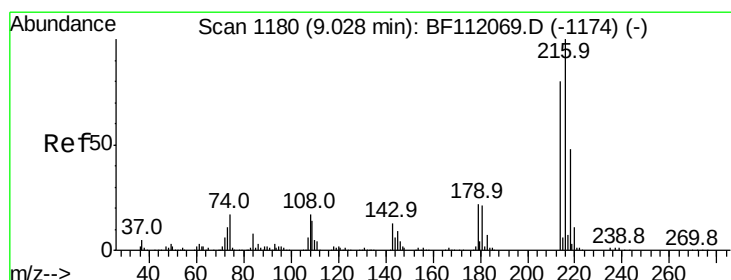
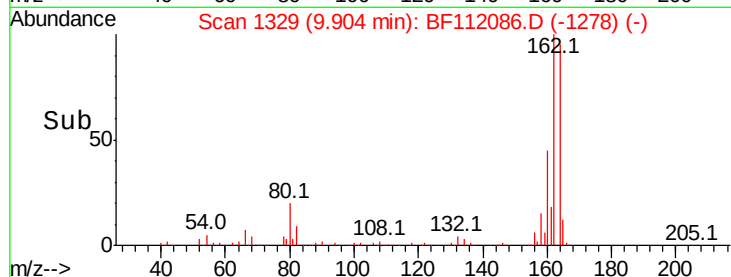
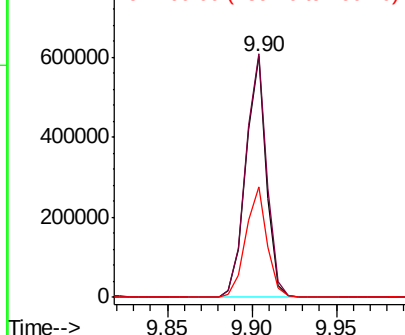


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.509 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.00 min
Lab File: BF112086.D
Acq: 17 Jan 2019 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.8	63.8	95.6	
179	21.1	16.9	25.3	
108	17.3	14.2	21.4	

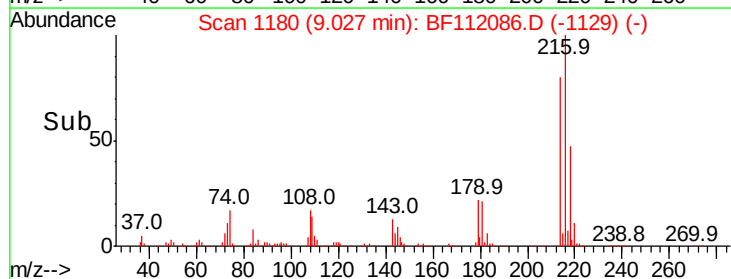
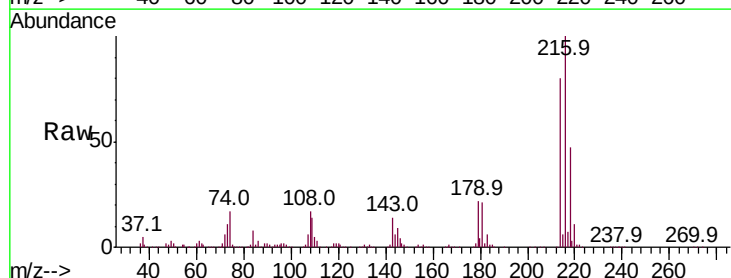
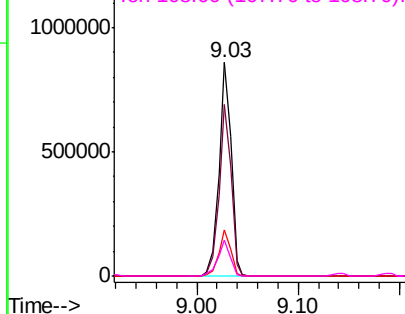
Abundance

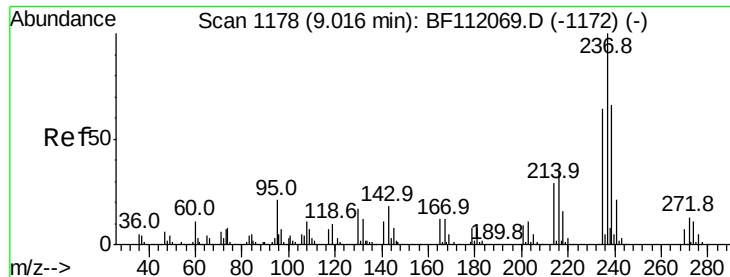
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





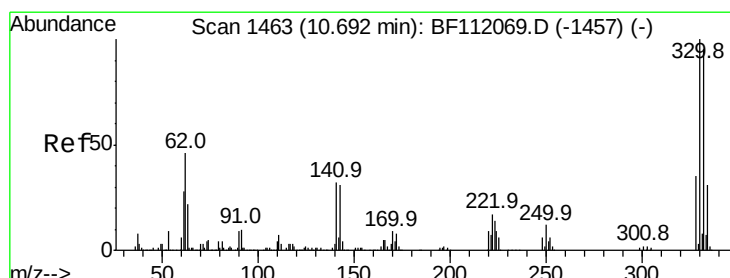
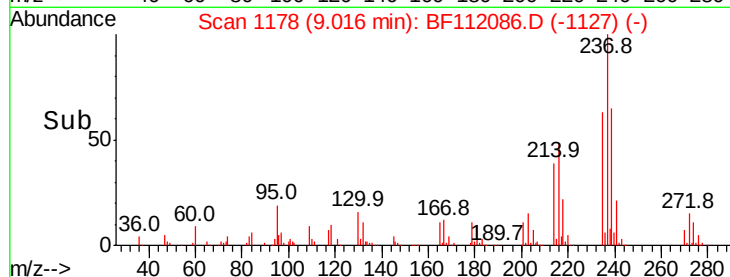
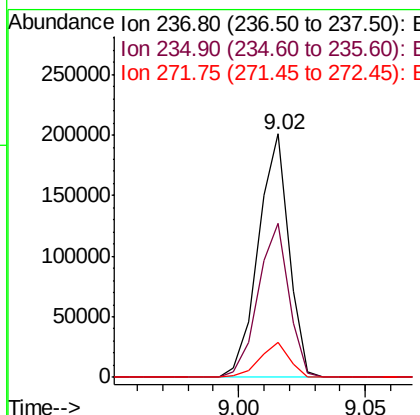
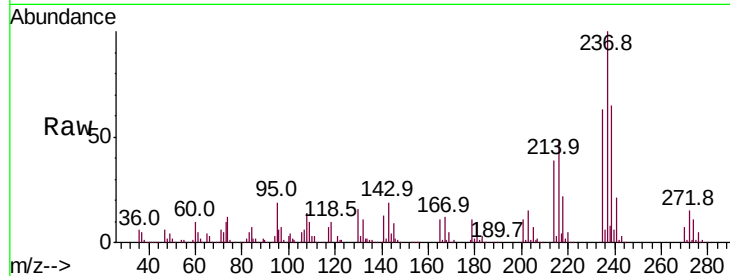
#41
Hexachlorocyclopentadiene
Concen: 31.239 ng
RT: 9.02 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BF112086.D
Acq: 17 Jan 2019 13:49

Instrument :
BNA_F
ClientSampleId :
JDHS-SOUTH-1MS

Tot Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	63.2	44.0	84.0
272	14.6	0.0	33.3

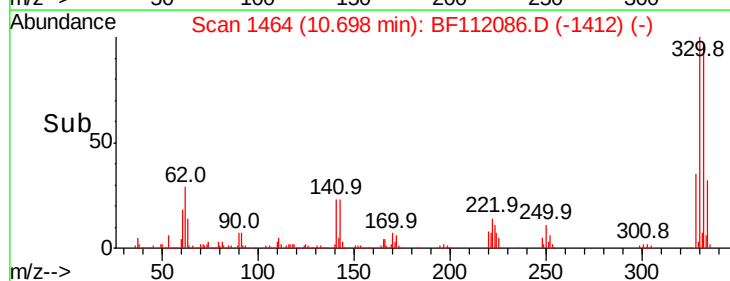
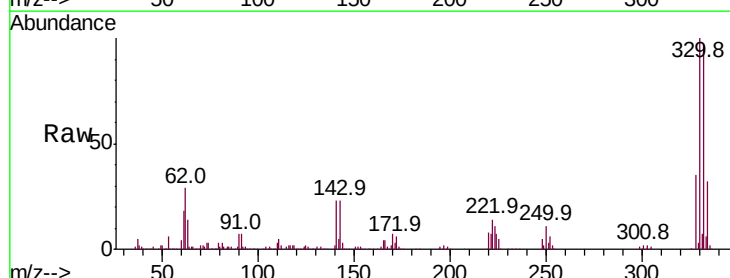
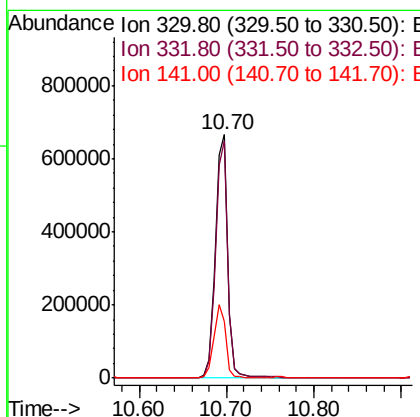
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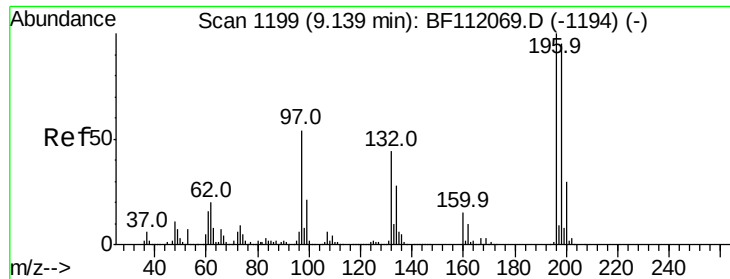
Sohil
1/18/2019 11:45:41 AM



#42
2,4,6-Tribromophenol
Concen: 119.242 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.01 min
Lab File: BF112086.D
Acq: 17 Jan 2019 13:49

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	95.9	76.6	114.8
141	29.3	24.3	36.5





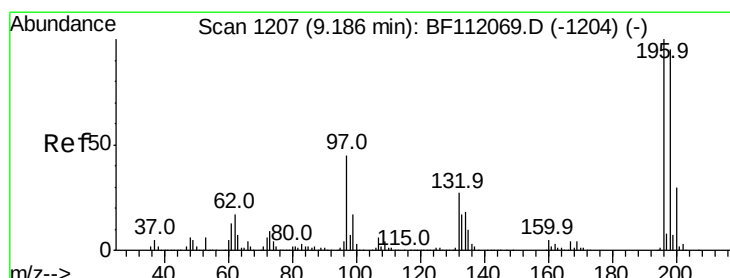
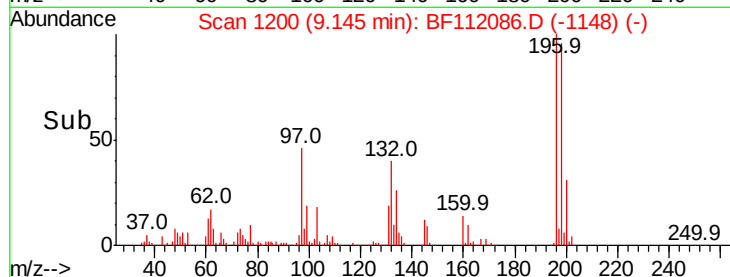
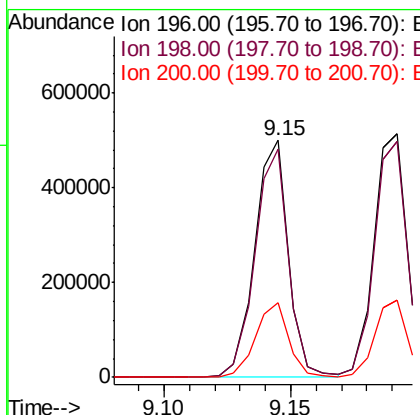
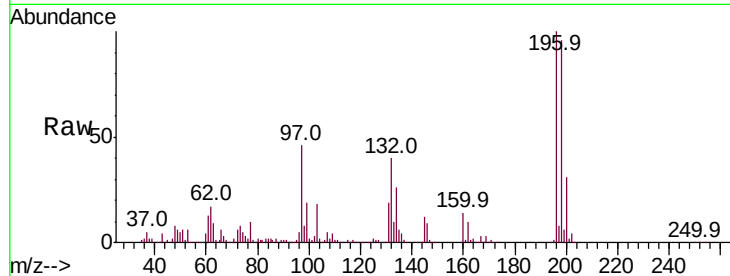
#43
 2,4,6-Trichlorophenol
 Concen: 47.424 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.01 min
 Lab File: BF112086.D
 Acq: 17 Jan 2019 13:49

Instrument :
 BNA_F
 ClientSampleId :
 JDHS-SOUTH-1MS

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

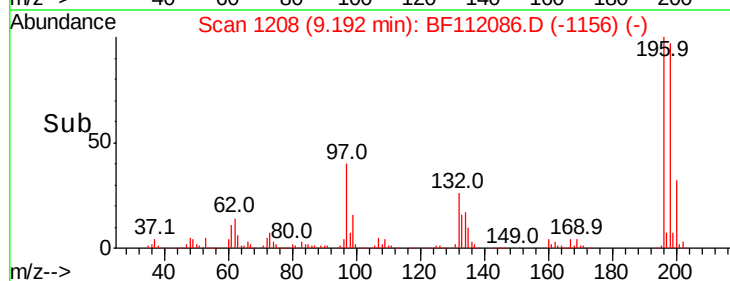
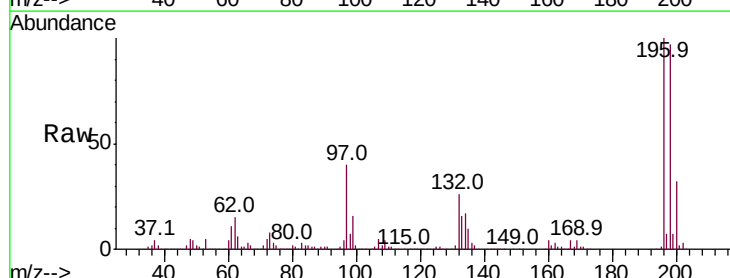
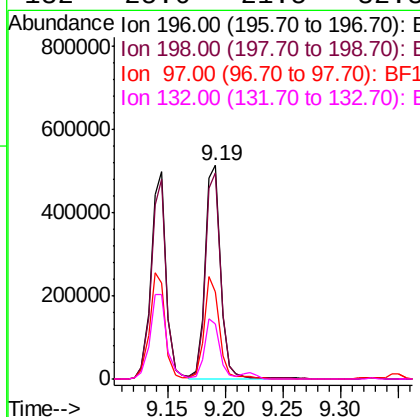
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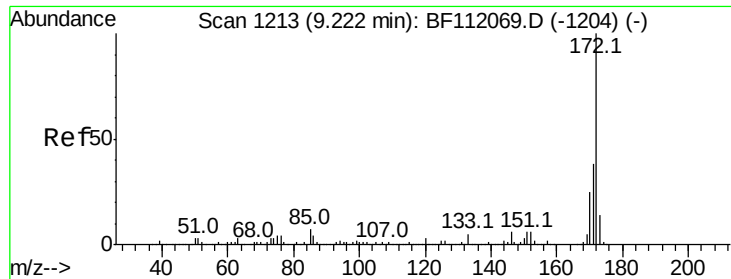
Sohil
 1/18/2019 11:45:41 AM



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

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





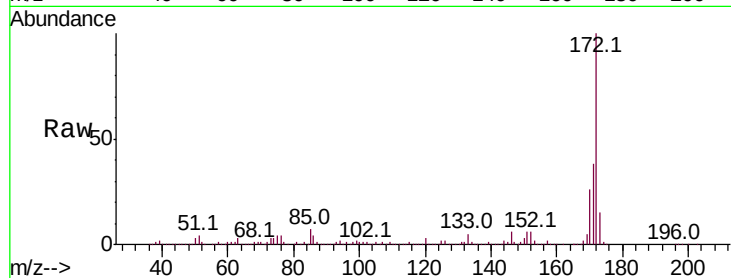
#45
2-Fluorobiphenyl
Concen: 79.371 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.00 min
Lab File: BF112086.D
Acq: 17 Jan 2019 13:49

Instrument :
BNA_F
ClientSampleId :
JDHS-SOUTH-1MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.5	30.5	45.7
170	26.1	20.2	30.4

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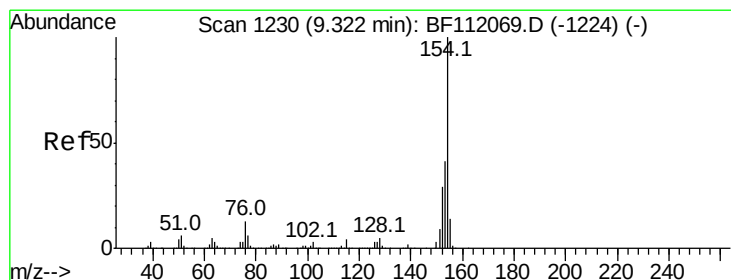
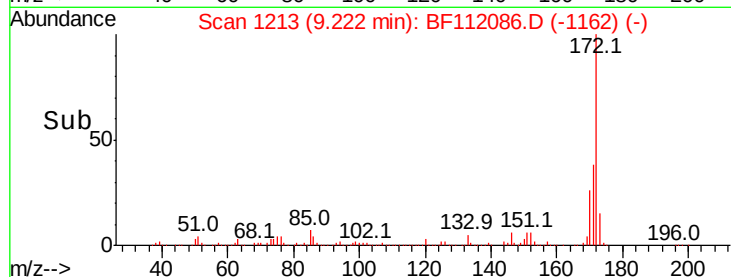
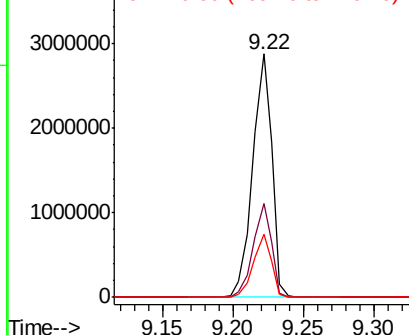


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 42.459 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.00 min
Lab File: BF112086.D
Acq: 17 Jan 2019 13:49

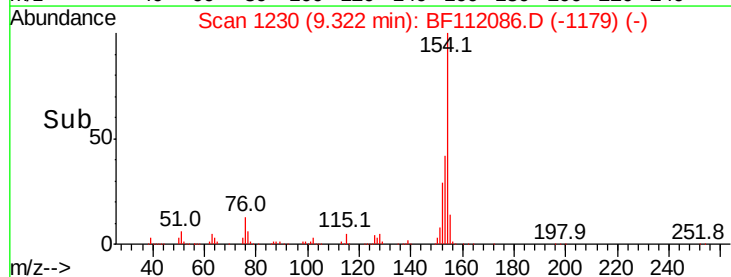
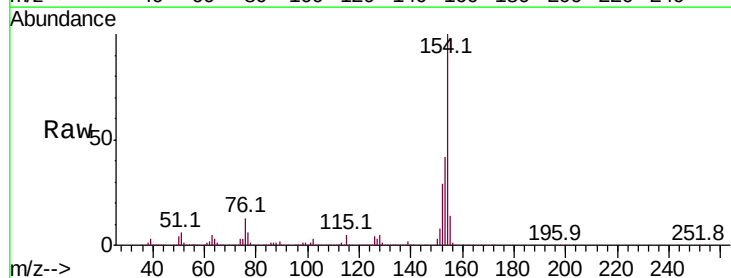
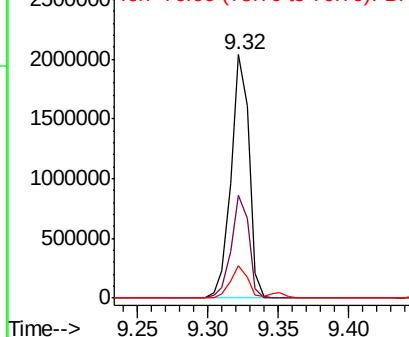
Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.1	21.5	61.5
76	13.2	0.0	33.1

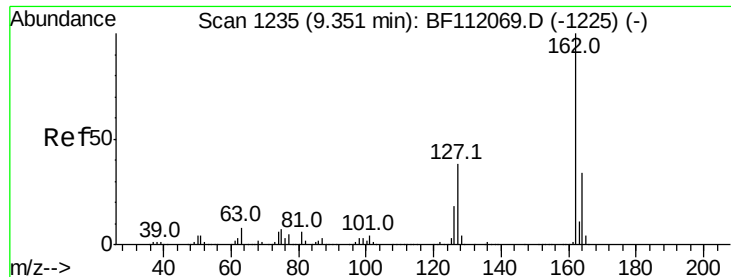
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





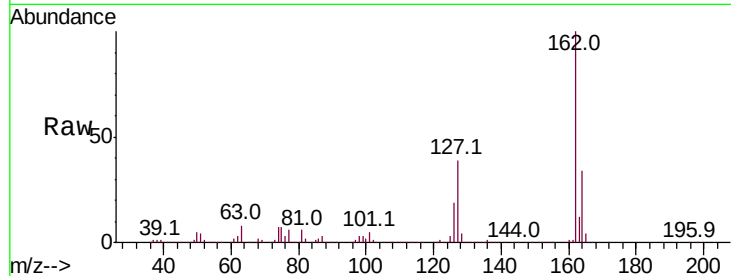
#47
2-Chloronaphthalene
Concen: 41.567 ng
RT: 9.35 min Scan# 1235
Delta R.T. -0.00 min
Lab File: BF112086.D
Acq: 17 Jan 2019 13:49

Instrument :
BNA_F
ClientSampleId :
JDHS-SOUTH-1MS

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

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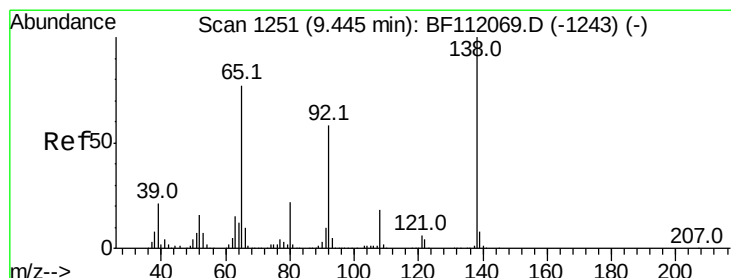
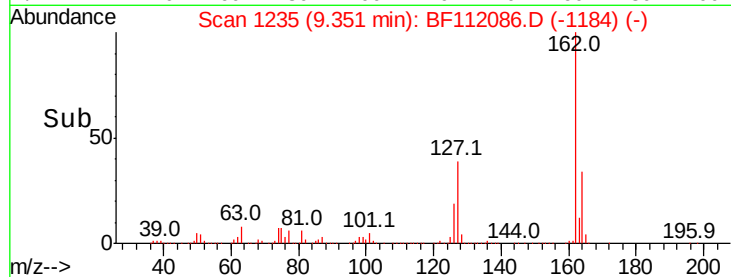
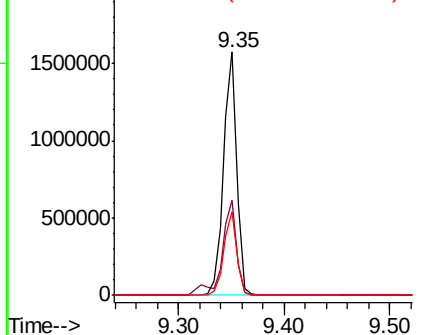


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



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

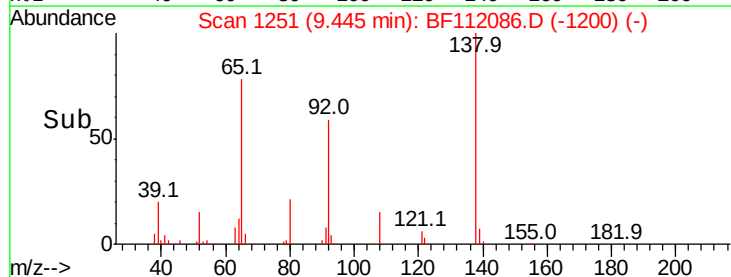
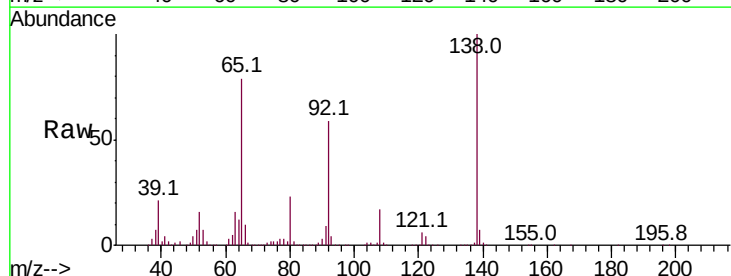
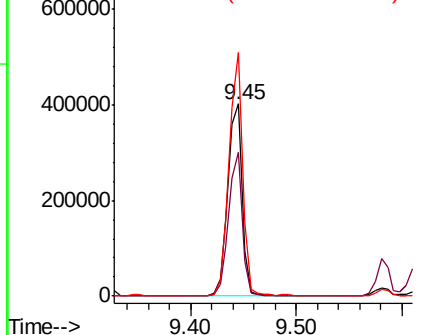
Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.1	60.4	90.6
138	126.8	104.4	156.6

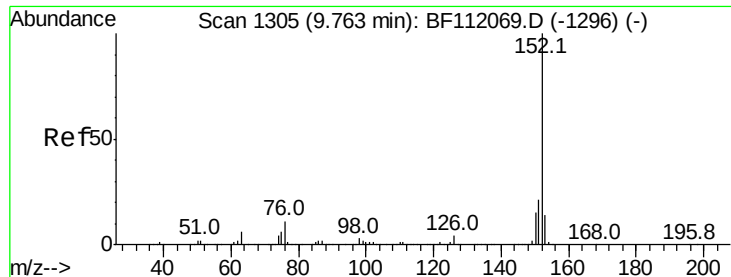
Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 43.653 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BF112086.D

Acq: 17 Jan 2019 13:49

Instrument :

BNA_F

ClientSampleId :

JDHS-SOUTH-1MS

Tot Ion:152 Resp: 2127512

Ion Ratio Lower Upper

152 100

151 21.2 17.0 25.6

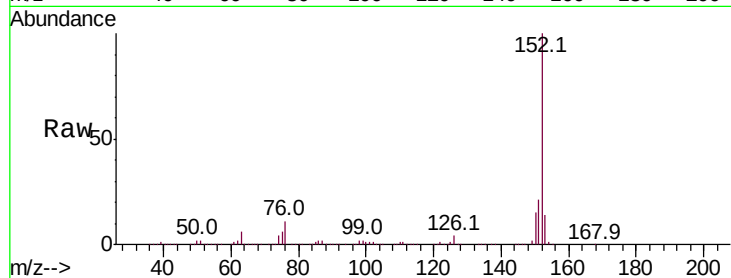
153 14.3 11.2 16.8

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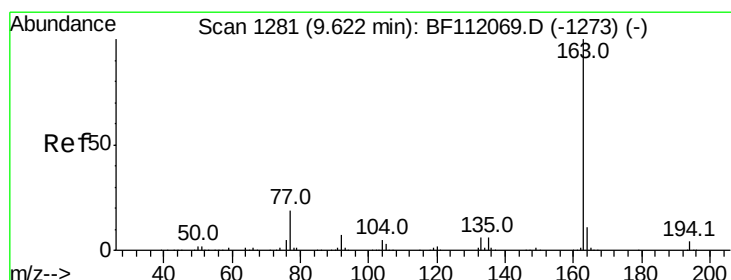
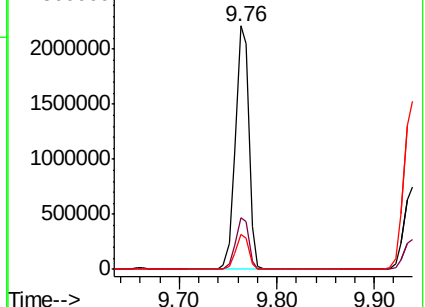
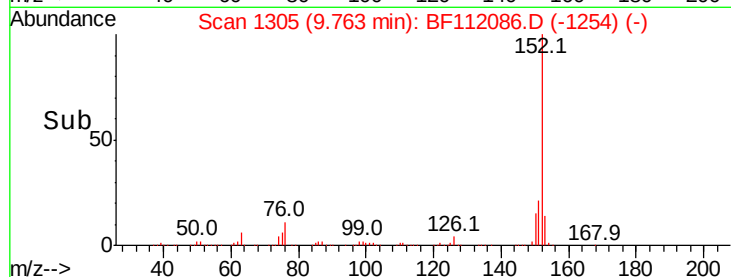
1/18/2019 11:45:41 AM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 50.705 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.00 min

Lab File: BF112086.D

Acq: 17 Jan 2019 13:49

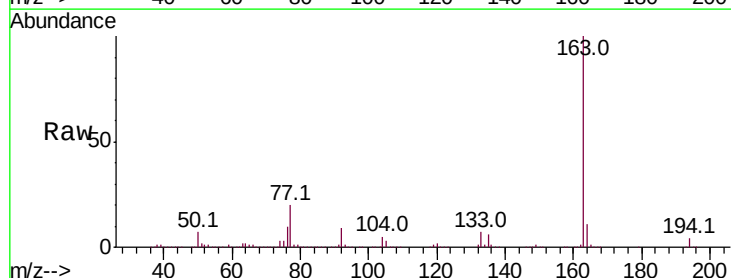
Tgt Ion:163 Resp: 1886844

Ion Ratio Lower Upper

163 100

194 4.3 3.3 4.9

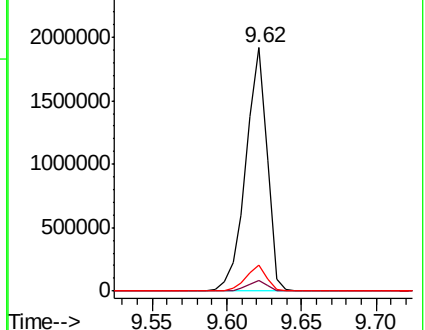
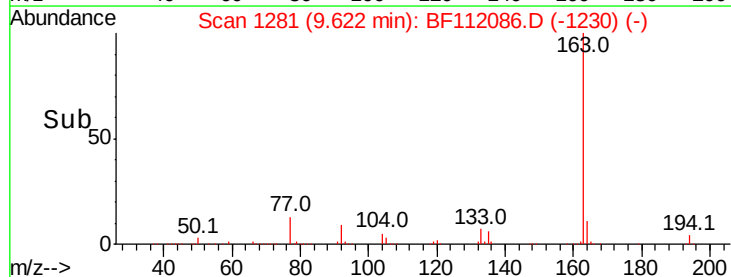
164 10.6 8.5 12.7

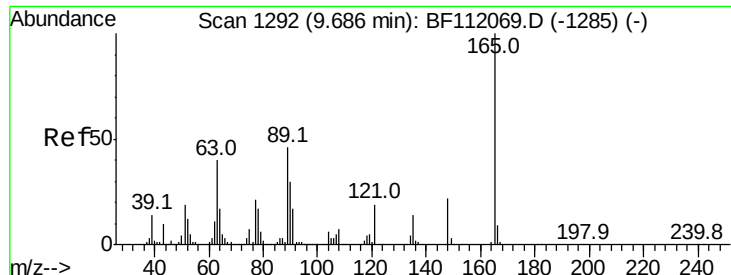


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 47.865 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.00 min

Lab File: BF112086.D

Acq: 17 Jan 2019 13:49

Instrument :

BNA_F

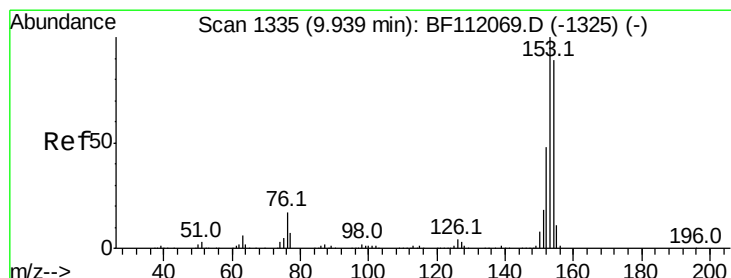
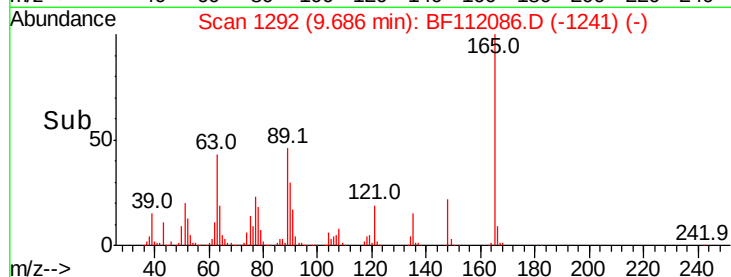
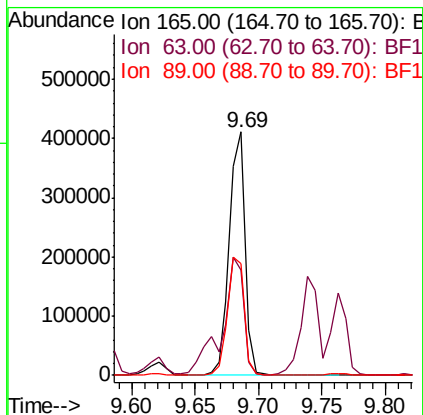
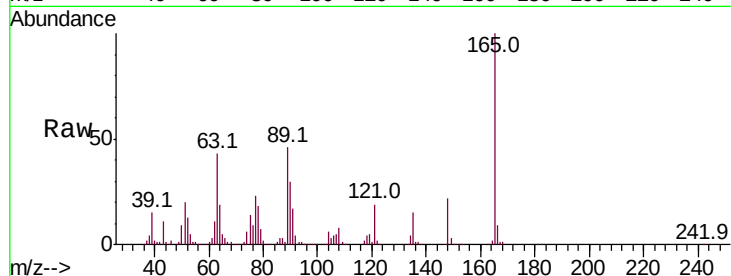
ClientSampleId :

JDHS-SOUTH-1MS

Tot Ion:	165	Resp:	355703
Ion Ratio	Lower	Upper	
165	100		
63	43.4	33.8	50.8
89	45.8	36.9	55.3

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#52

Acenaphthene

Concen: 41.462 ng

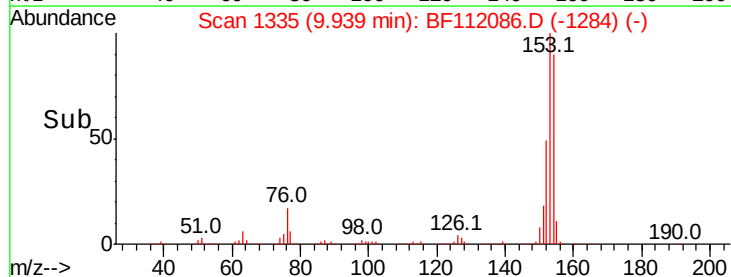
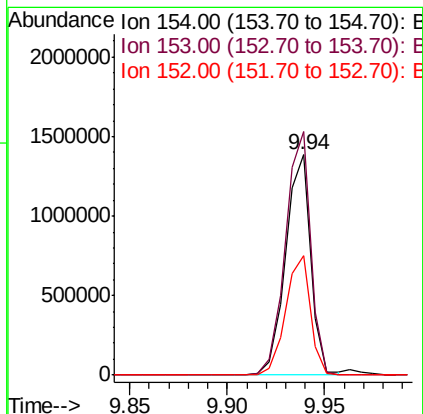
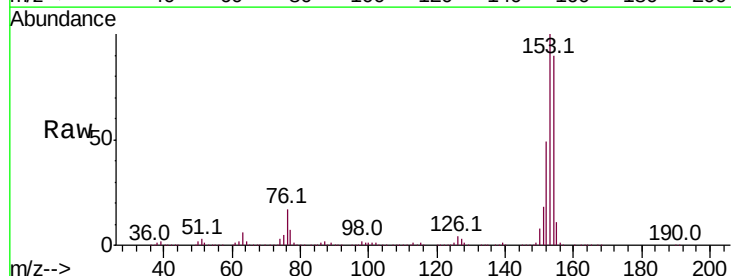
RT: 9.94 min Scan# 1335

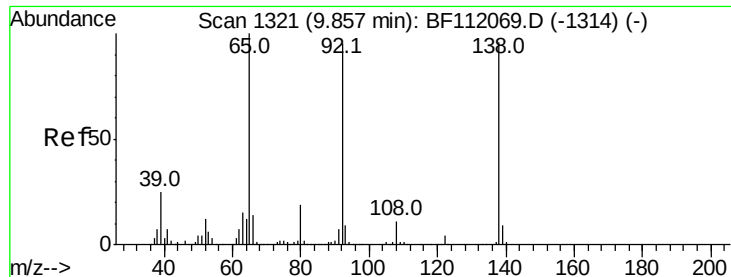
Delta R.T. -0.00 min

Lab File: BF112086.D

Acq: 17 Jan 2019 13:49

Tgt Ion:	154	Resp:	1236343
Ion Ratio	Lower	Upper	
154	100		
153	110.6	89.8	134.6
152	54.2	43.5	65.3





#53

3-Nitroaniline

Concen: 32.933 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF112086.D

Acq: 17 Jan 2019 13:49

Instrument :

BNA_F

ClientSampleId :

JDHS-SOUTH-1MS

Tot Ion:138 Resp: 273677

Ion Ratio Lower Upper

138 100

108 10.5 9.8 14.6

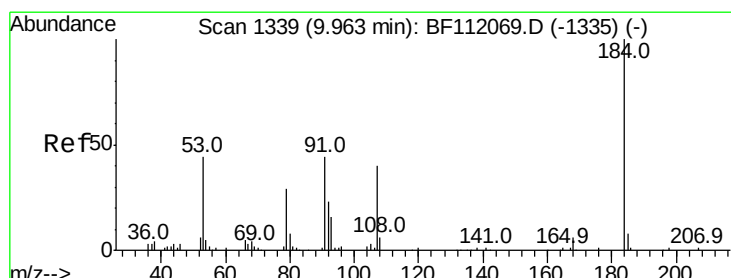
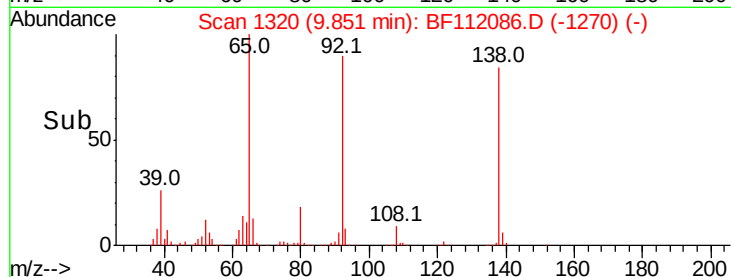
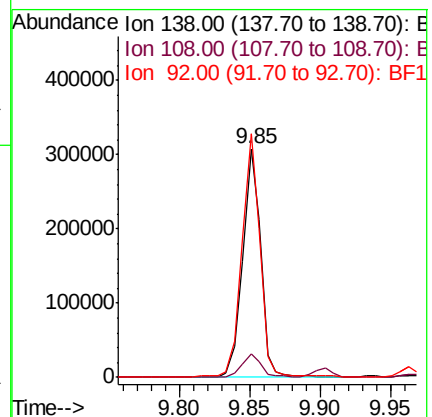
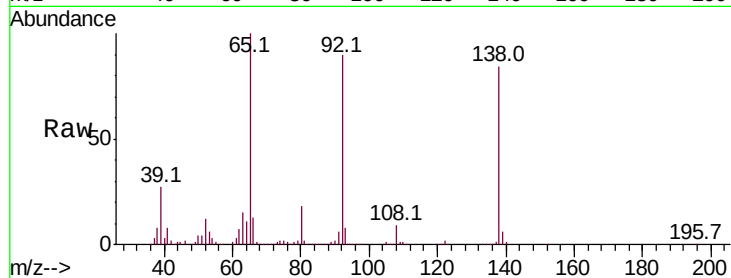
92 106.7 79.4 119.2

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#54

2,4-Dinitrophenol

Concen: 35.649 ng

RT: 9.96 min Scan# 1339

Delta R.T. 0.00 min

Lab File: BF112086.D

Acq: 17 Jan 2019 13:49

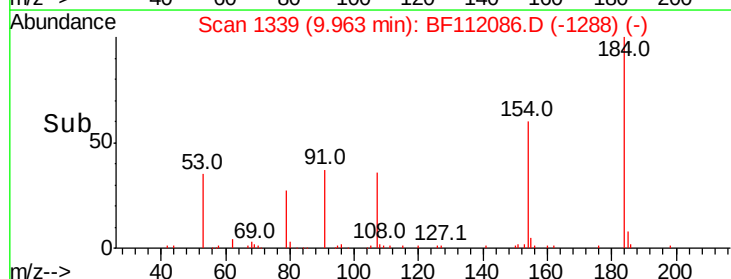
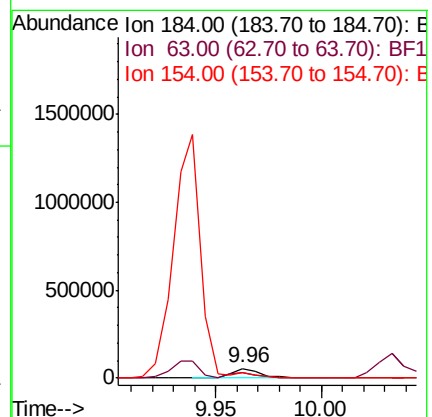
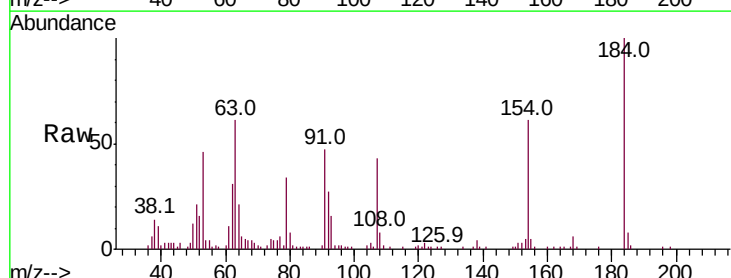
Tgt Ion:184 Resp: 53082

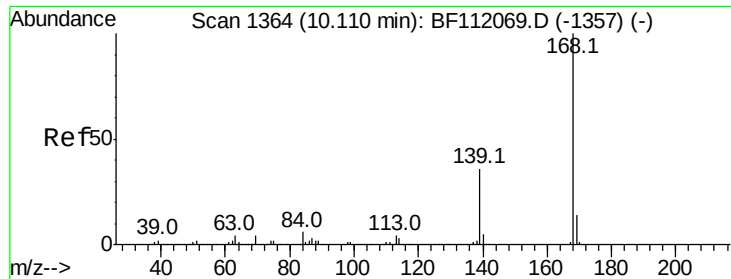
Ion Ratio Lower Upper

184 100

63 61.1 47.1 70.7

154 61.0 48.9 73.3





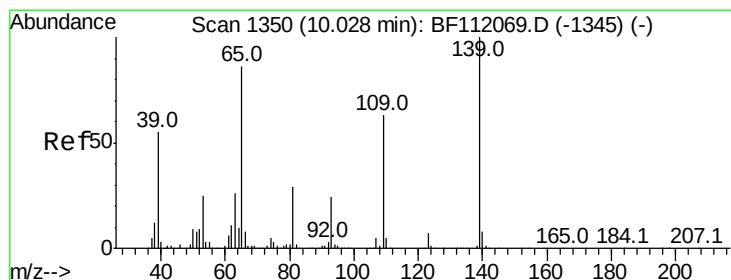
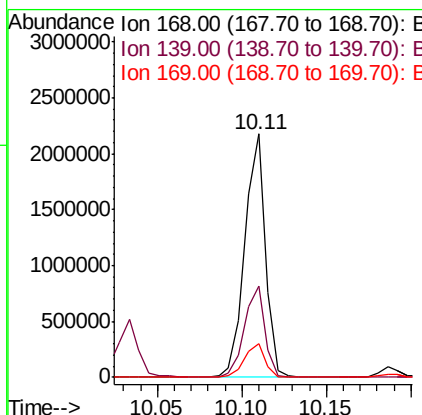
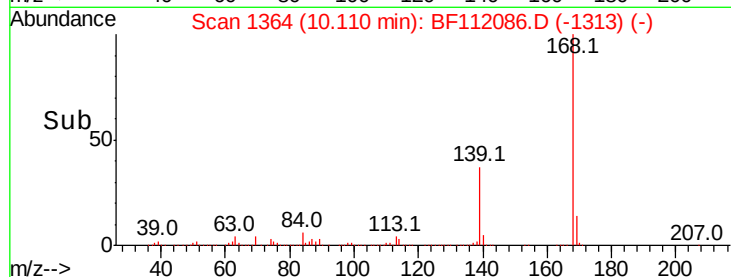
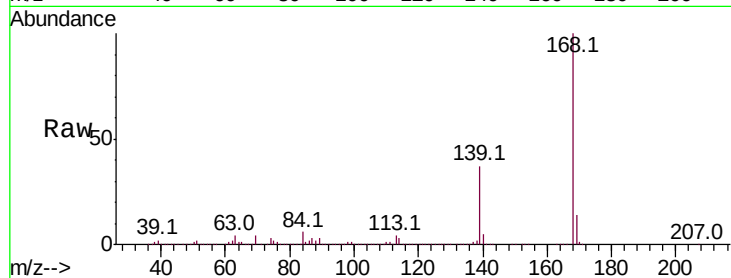
#55
Dibenzofuran
Concen: 41.262 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF112086.D
Acq: 17 Jan 2019 13:49

Instrument :
BNA_F
ClientSampleId :
JDHS-SOUTH-1MS

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

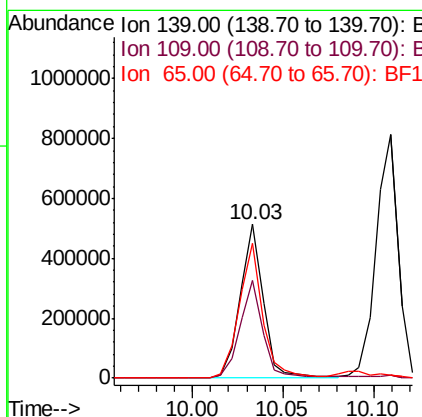
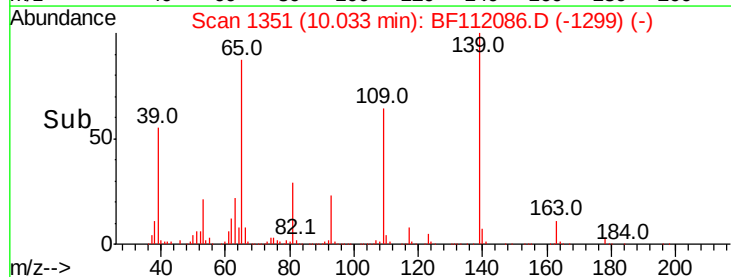
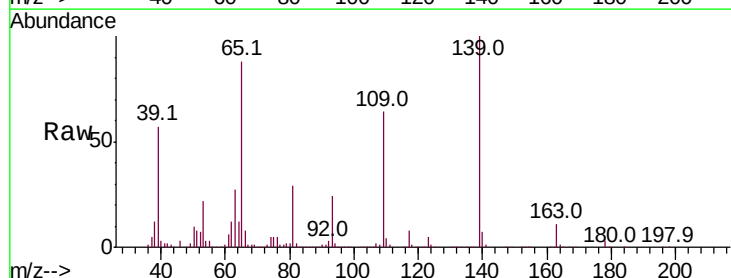
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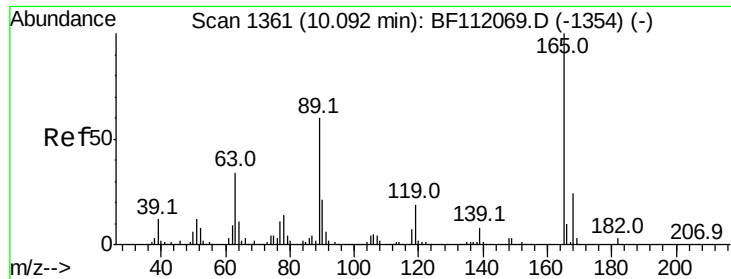
Sohil
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#56
4-Nitrophenol
Concen: 76.950 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF112086.D
Acq: 17 Jan 2019 13:49

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





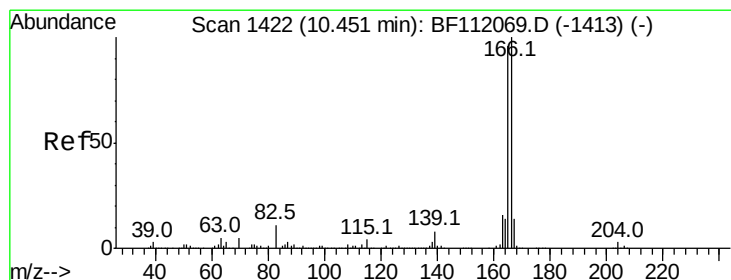
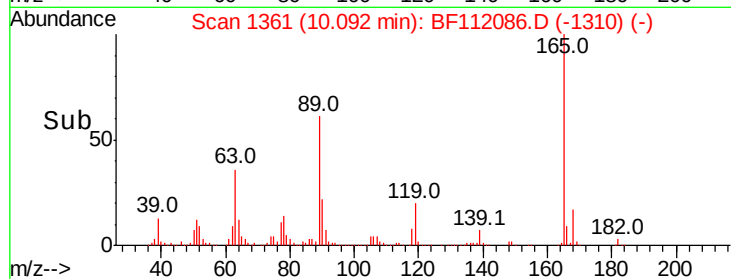
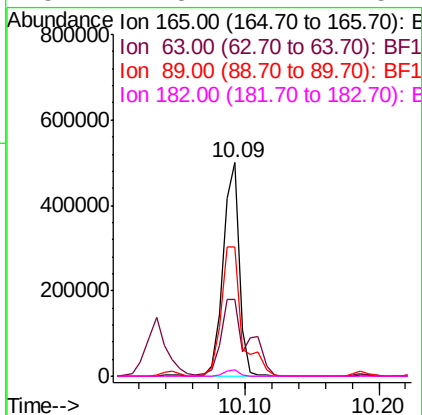
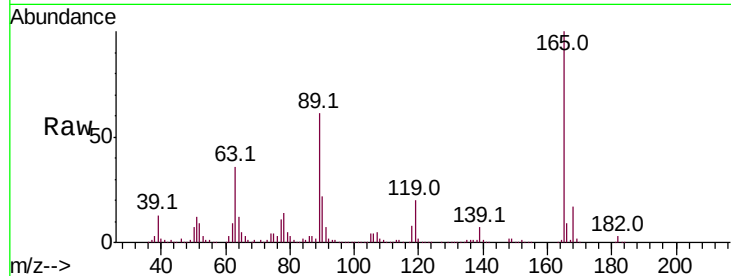
#57
2,4-Dinitrotoluene
Concen: 45.227 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.00 min
Lab File: BF112086.D
Acq: 17 Jan 2019 13:49

Instrument :
BNA_F
ClientSampleId :
JDHS-SOUTH-1MS

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

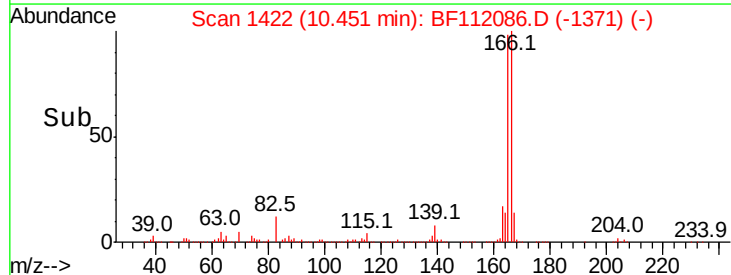
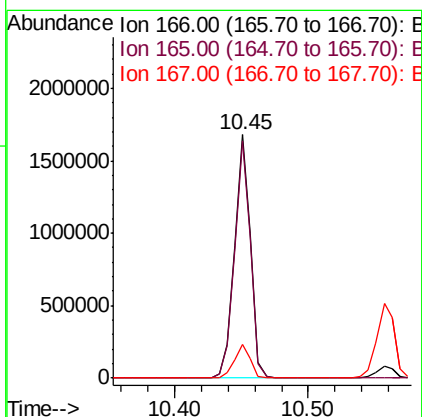
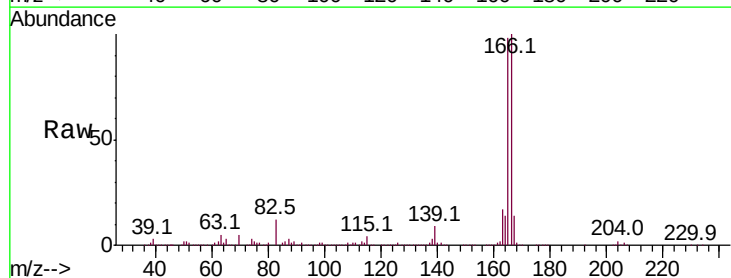
Manual Integrations
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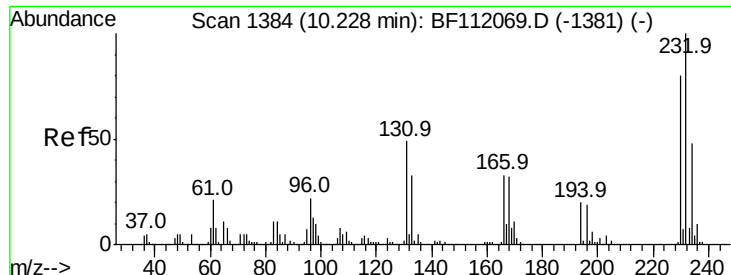
Sohil
1/18/2019 11:45:41 AM



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

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





#59

2,3,4,6-Tetrachlorophenol

Concen: 46.203 ng

RT: 10.23 min Scan# 1385

Delta R.T. 0.01 min

Lab File: BF112086.D

Acq: 17 Jan 2019 13:49

Instrument :

BNA_F

ClientSampleId :

JDHS-SOUTH-1MS

Tot Ion:232 Resp: 363974

Ion Ratio Lower Upper

232 100

131 41.7 33.9 50.9

130 2.3 1.8 2.6

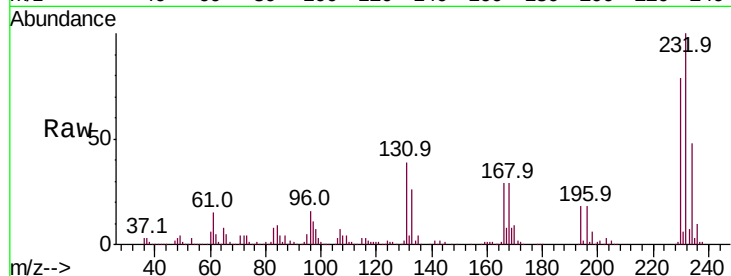
166 29.0 23.6 35.4

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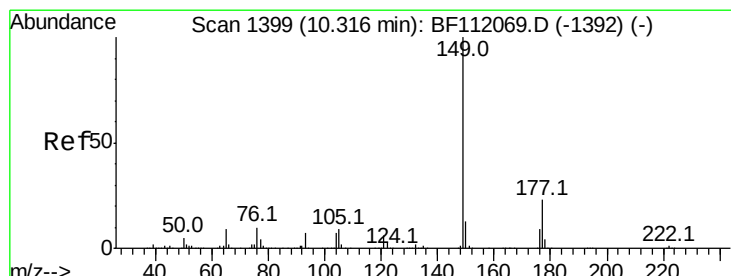
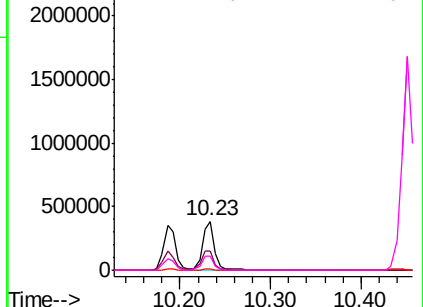
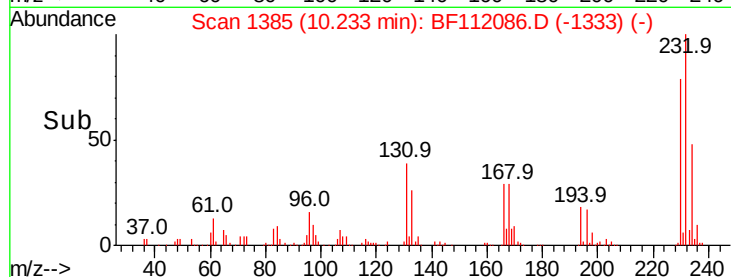


Abundance Ion 232.00 (231.70 to 232.70): E

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: 43.235 ng

RT: 10.32 min Scan# 1400

Delta R.T. 0.01 min

Lab File: BF112086.D

Acq: 17 Jan 2019 13:49

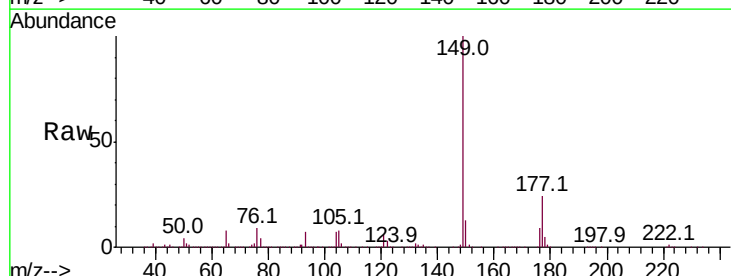
Tgt Ion:149 Resp: 1570458

Ion Ratio Lower Upper

149 100

177 24.5 18.2 27.2

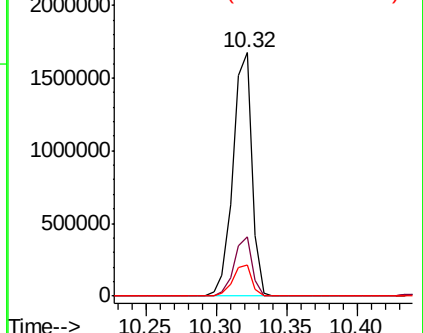
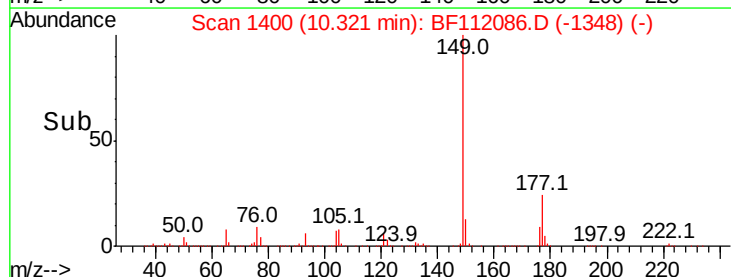
150 12.7 10.4 15.6

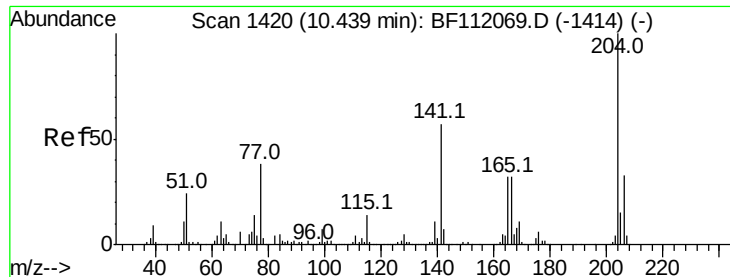


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





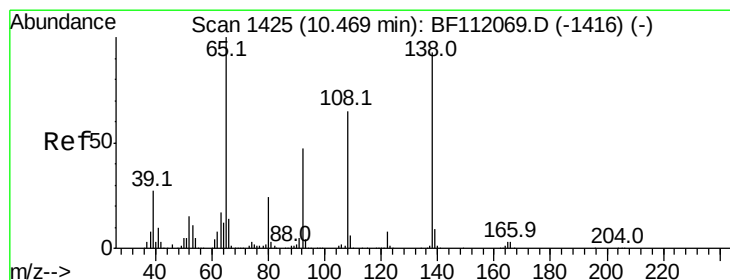
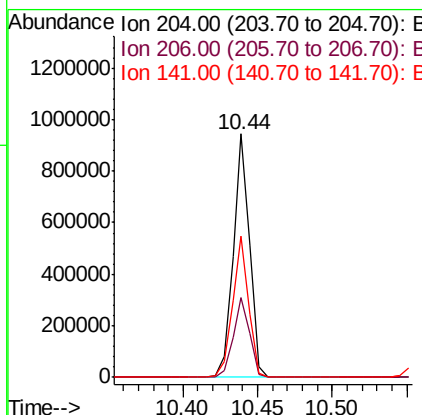
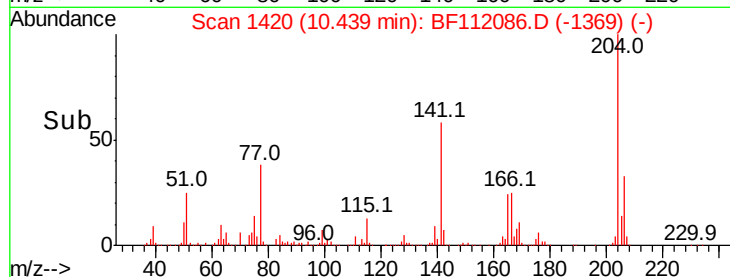
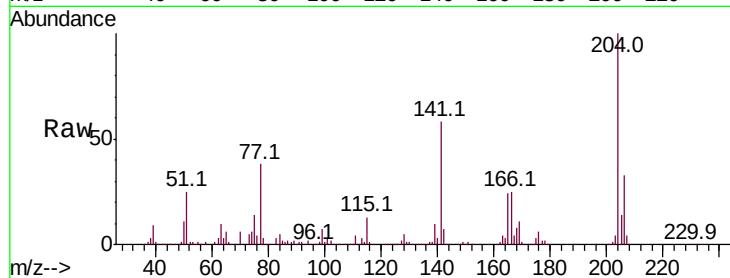
#61
4-Chlorophenyl-phenylether
Concen: 40.070 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.00 min
Lab File: BF112086.D
Acq: 17 Jan 2019 13:49

Instrument :
BNA_F
ClientSampleId :
JDHS-SOUTH-1MS

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

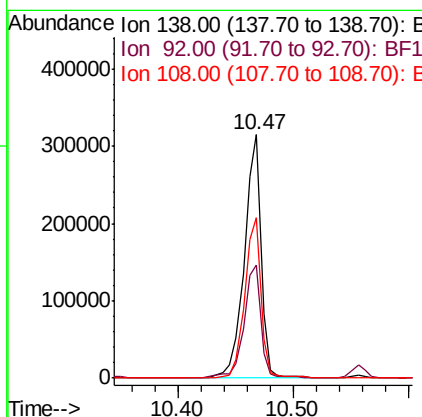
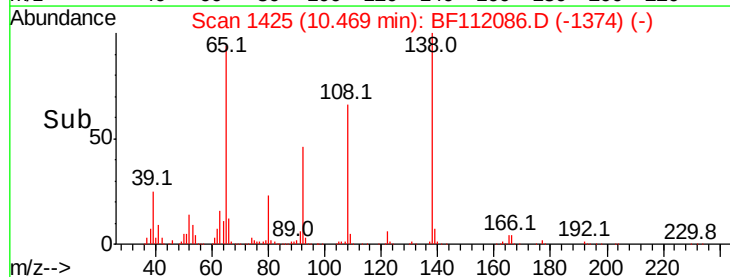
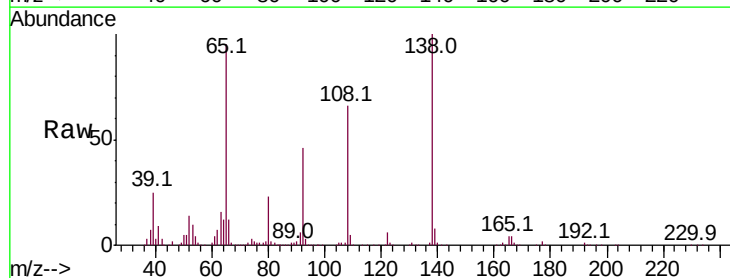
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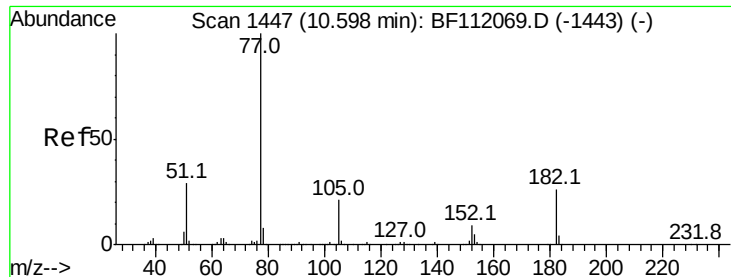
Sohil
1/18/2019 11:45:41 AM



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

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





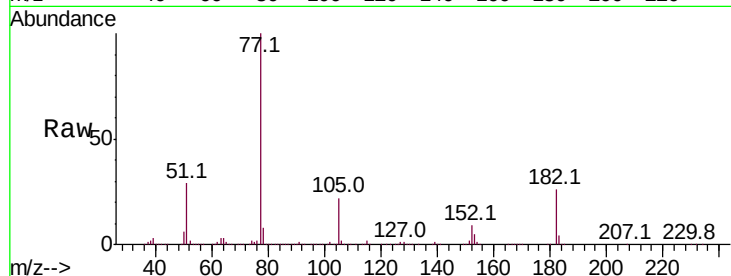
#63
Azobenzene
Concen: 38.895 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.00 min
Lab File: BF112086.D
Acq: 17 Jan 2019 13:49

Instrument :
BNA_F
ClientSampleId :
JDHS-SOUTH-1MS

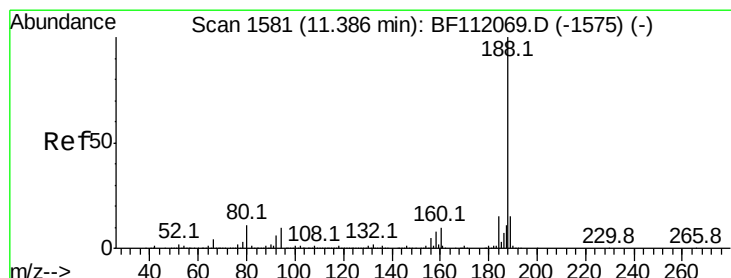
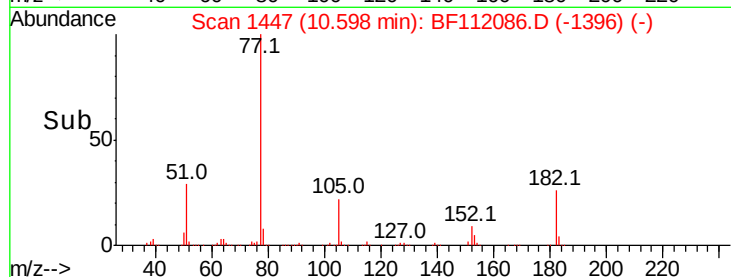
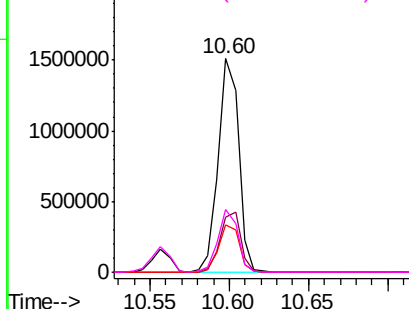
Tot Ion: 77 Resp: 1352961
Ion Ratio Lower Upper
77 100
182 26.1 5.7 45.7
105 22.2 1.4 41.4
51 29.4 9.5 49.5

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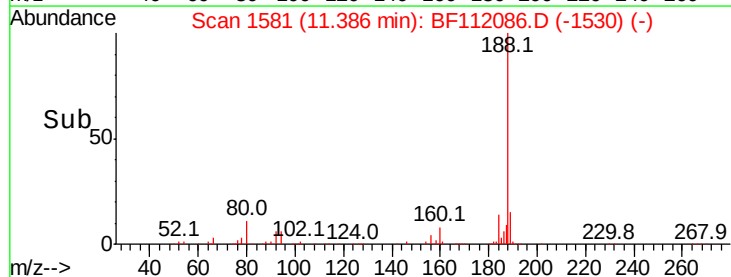
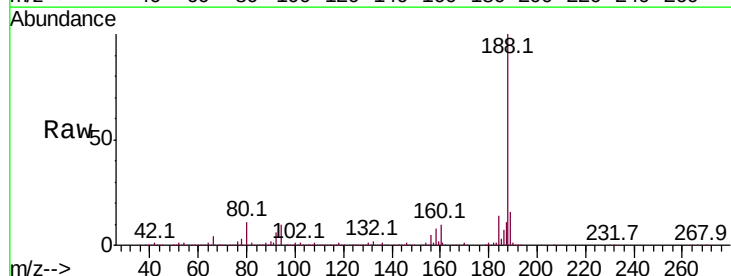
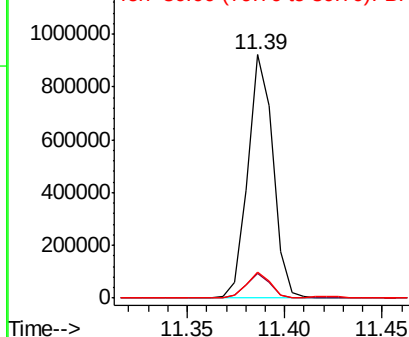
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

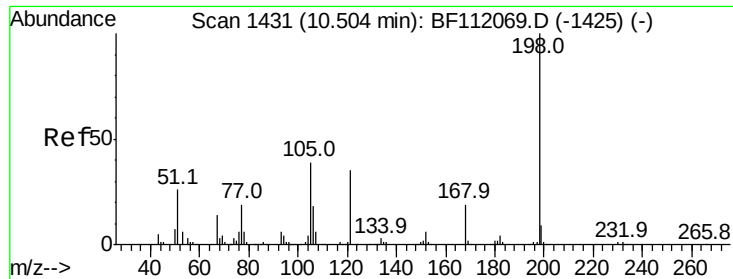


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.00 min
Lab File: BF112086.D
Acq: 17 Jan 2019 13:49

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

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





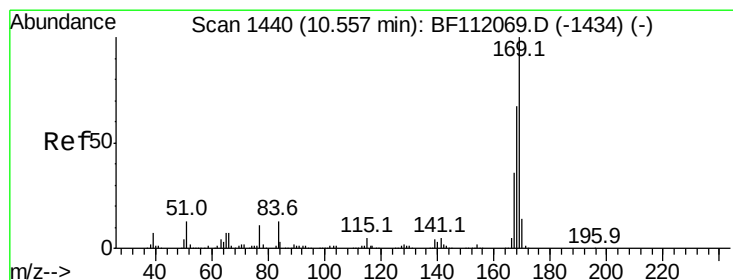
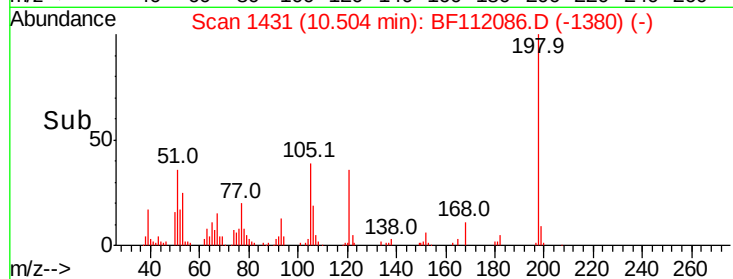
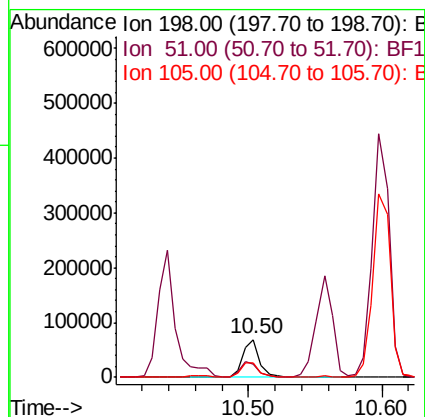
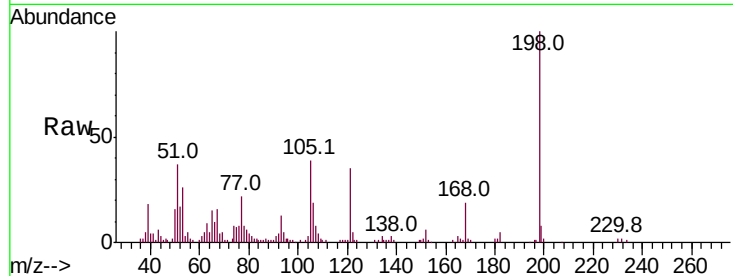
#65
4,6-Dinitro-2-methylphenol
Concen: 23.968 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.00 min
Lab File: BF112086.D
Acq: 17 Jan 2019 13:49

Instrument :
BNA_F
ClientSampleId :
JDHS-SOUTH-1MS

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

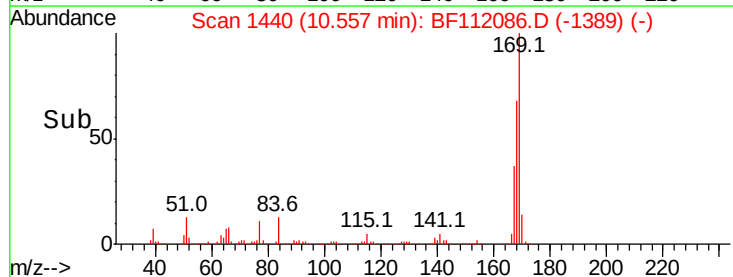
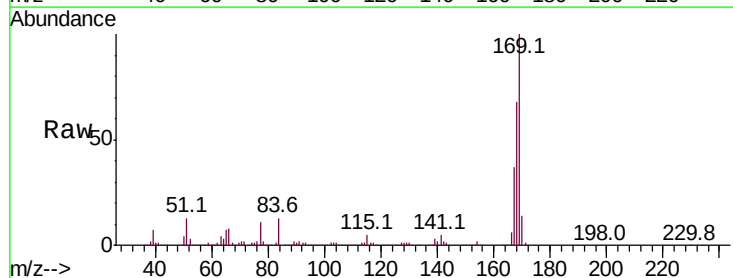
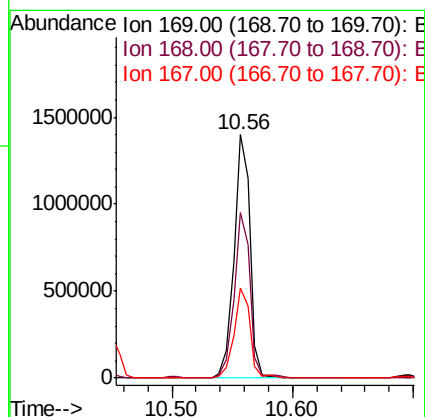
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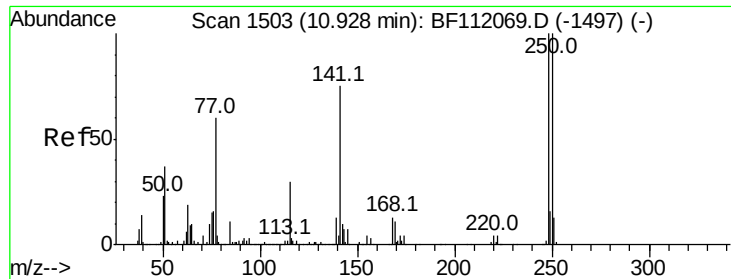
Sohil
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#66
n-Nitrosodiphenylamine
Concen: 47.166 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BF112086.D
Acq: 17 Jan 2019 13:49

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





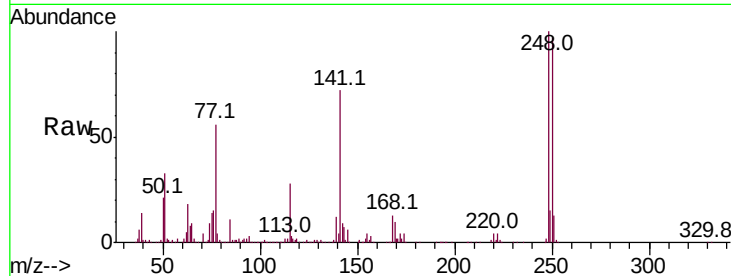
#67
4-Bromophenyl-phenylether
Concen: 45.013 ng
RT: 10.93 min Scan# 1503
Delta R.T. -0.00 min
Lab File: BF112086.D
Acq: 17 Jan 2019 13:49

Instrument :
BNA_F
ClientSampleId :
JDHS-SOUTH-1MS

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

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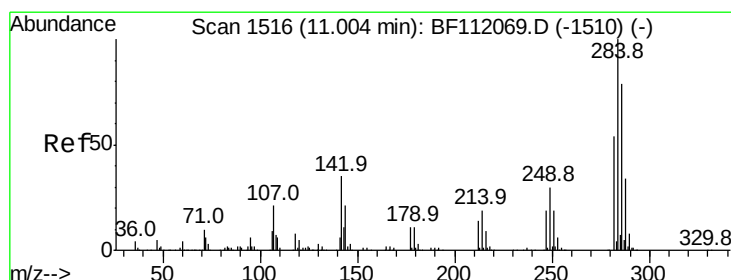
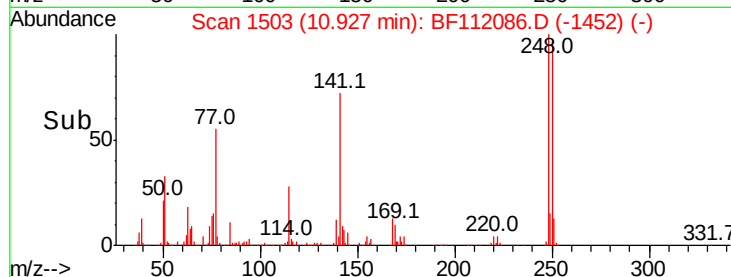
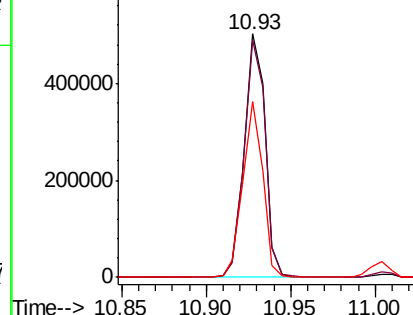


Abundance

Ion 248.00 (247.70 to 248.70): E

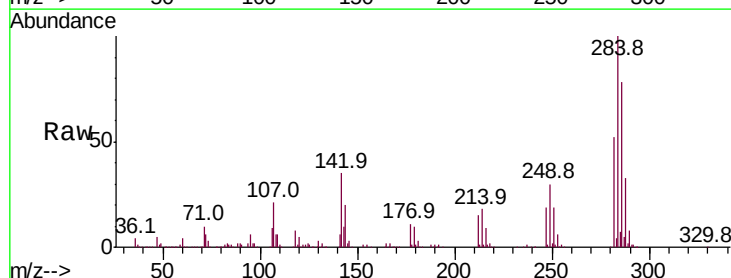
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



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

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

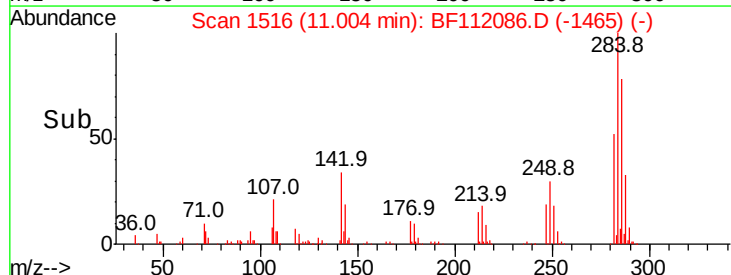
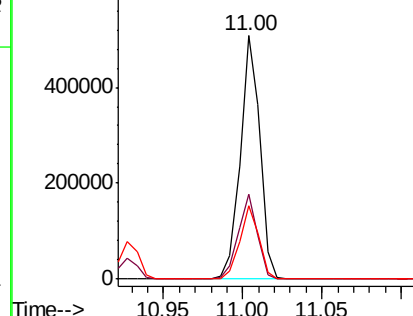


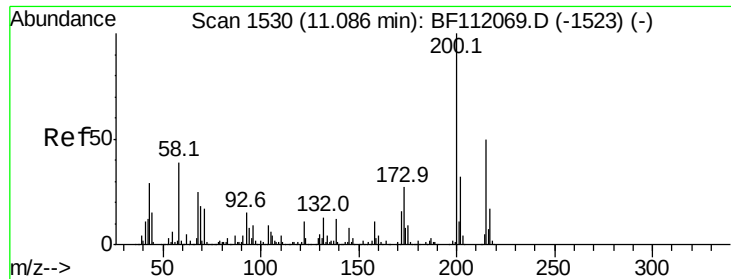
Abundance

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





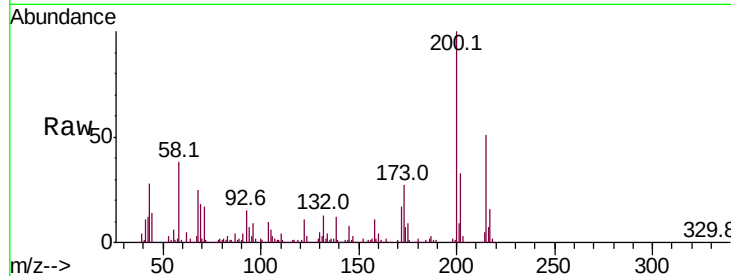
#69
Atrazine
Concen: 45.295 ng
RT: 11.09 min Scan# 1530
Delta R.T. -0.00 min
Lab File: BF112086.D
Acq: 17 Jan 2019 13:49

Instrument :
BNA_F
ClientSampleId :
JDHS-SOUTH-1MS

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

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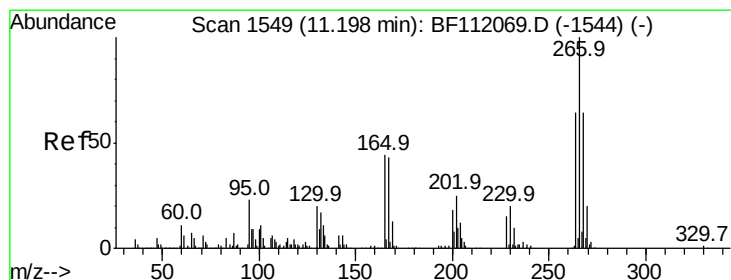
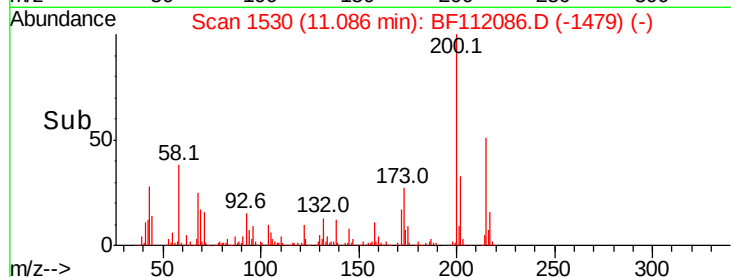
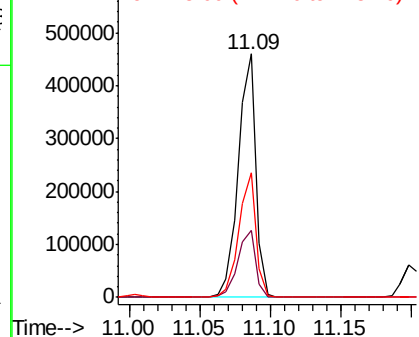


Abundance

Ion 200.00 (199.70 to 200.70): E

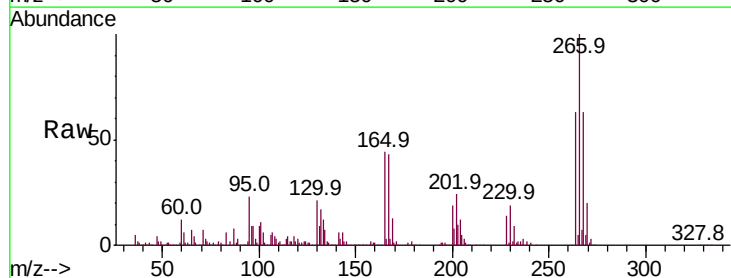
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



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

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

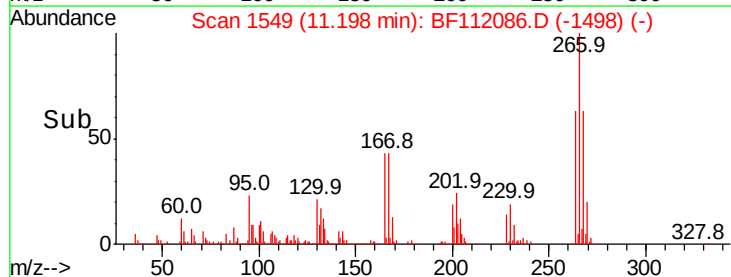
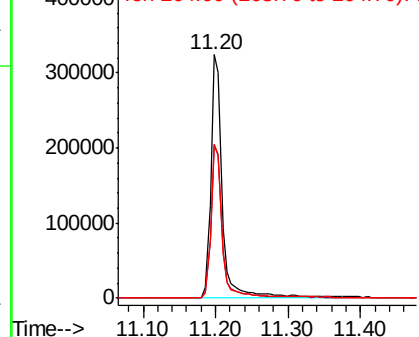


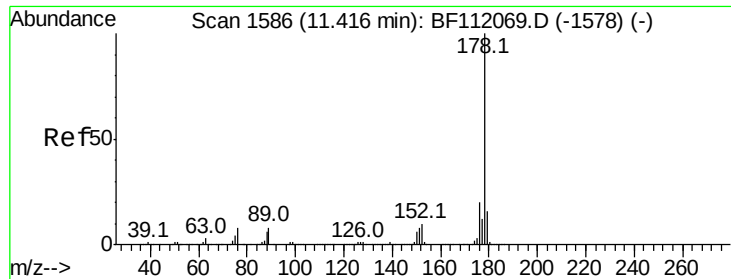
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 43.781 ng

RT: 11.42 min Scan# 1586

Delta R.T. -0.00 min

Lab File: BF112086.D

Acq: 17 Jan 2019 13:49

Instrument :

BNA_F

ClientSampleId :

JDHS-SOUTH-1MS

Tot Ion:178 Resp: 1816124

Ion Ratio Lower Upper

178 100

176 20.2 16.3 24.5

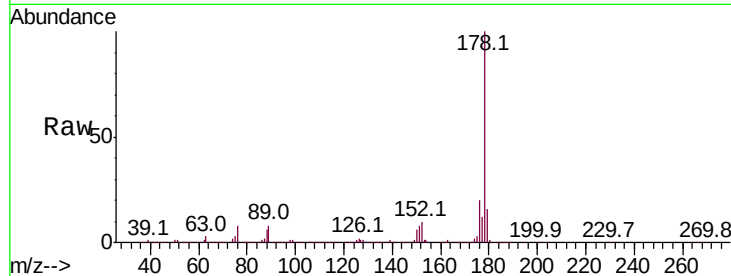
179 16.2 13.0 19.4

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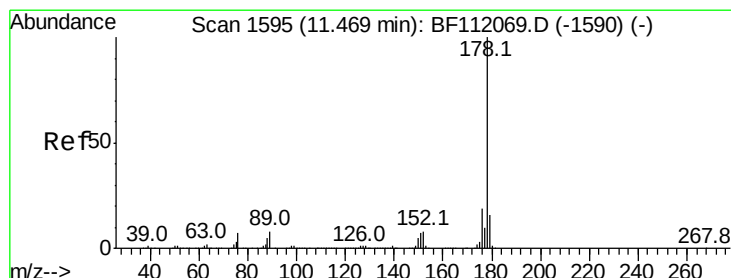
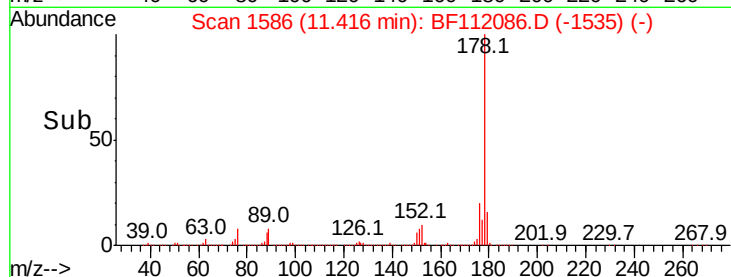
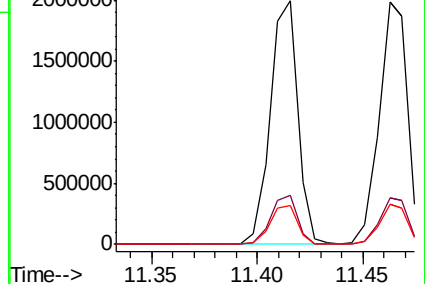
1/18/2019 11:45:41 AM



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: 44.541 ng

RT: 11.46 min Scan# 1594

Delta R.T. -0.01 min

Lab File: BF112086.D

Acq: 17 Jan 2019 13:49

Tgt Ion:178 Resp: 1871655

Ion Ratio Lower Upper

178 100

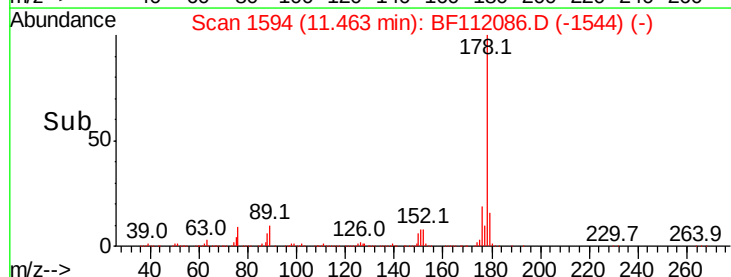
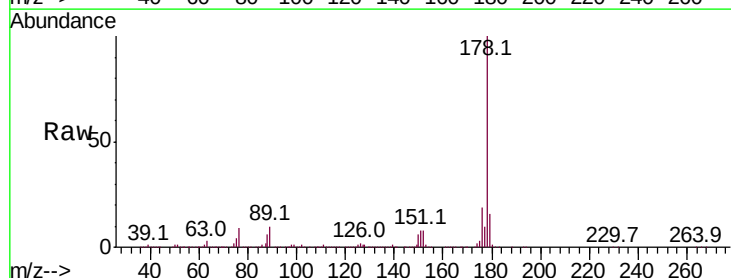
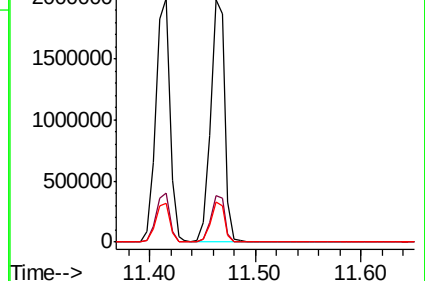
176 19.3 15.5 23.3

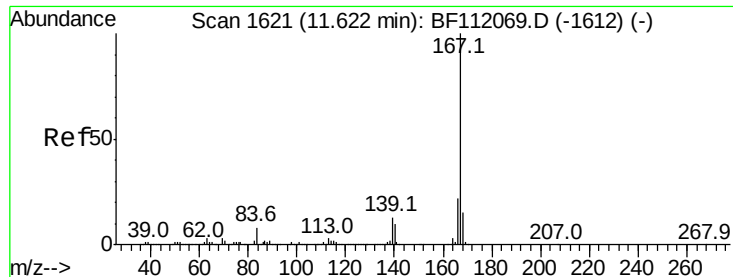
179 16.4 12.8 19.2

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: 39.311 ng

RT: 11.62 min Scan# 1620

Delta R.T. -0.01 min

Lab File: BF112086.D

Acq: 17 Jan 2019 13:49

Instrument :

BNA_F

ClientSampleId :

JDHS-SOUTH-1MS

Tot Ion:167 Resp: 1654786

Ion Ratio Lower Upper

167 100

166 22.2 17.9 26.9

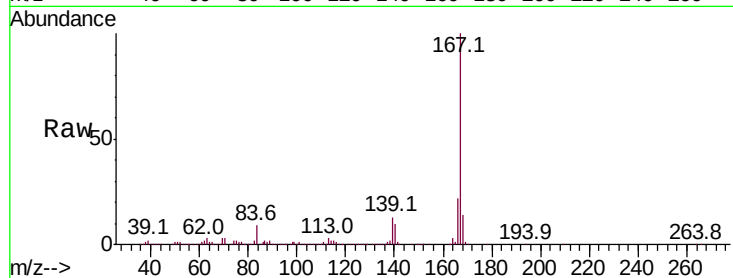
139 13.1 10.2 15.2

Manual Integrations

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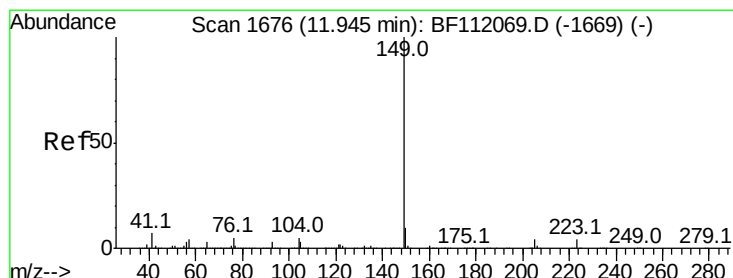
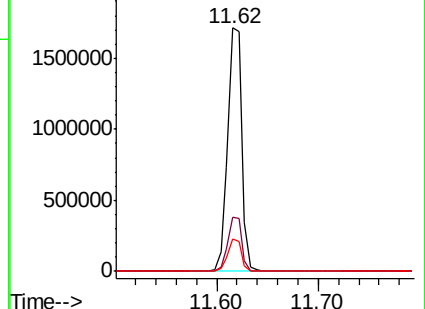
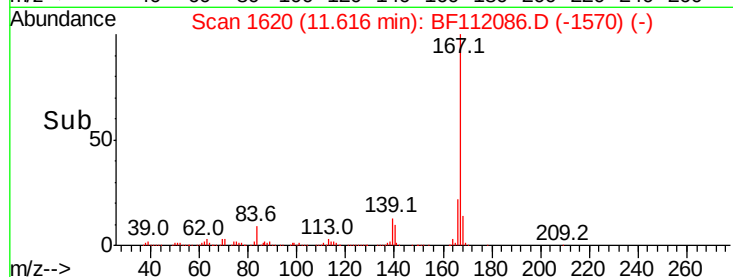
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Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 44.936 ng

RT: 11.94 min Scan# 1676

Delta R.T. -0.00 min

Lab File: BF112086.D

Acq: 17 Jan 2019 13:49

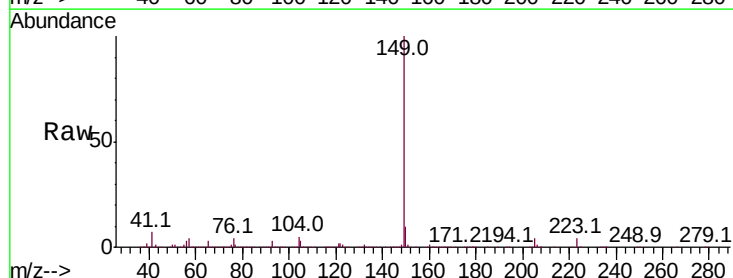
Tgt Ion:149 Resp: 2127763

Ion Ratio Lower Upper

149 100

150 9.9 8.1 12.1

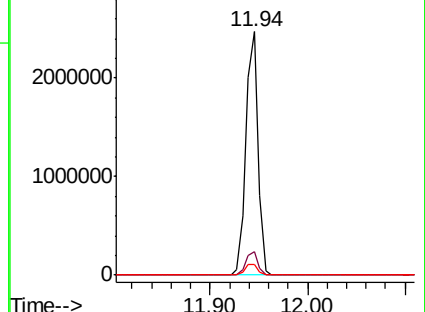
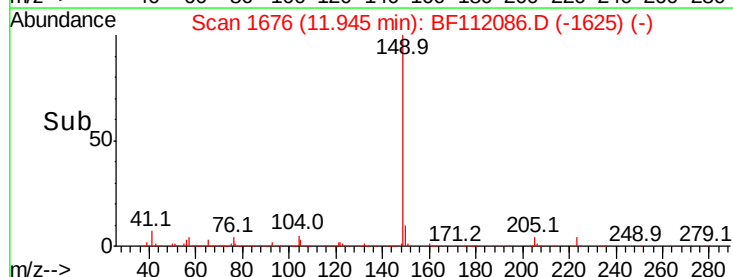
104 4.6 3.9 5.9

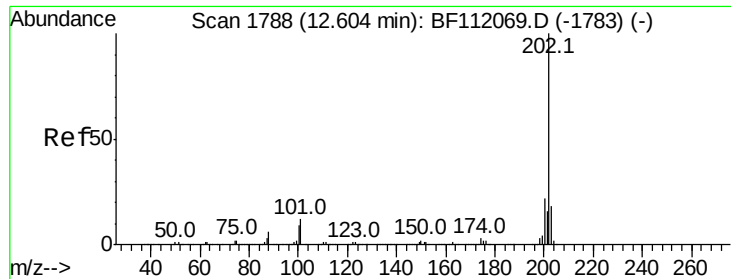


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 40.600 ng

RT: 12.60 min Scan# 1788

Delta R.T. -0.00 min

Lab File: BF112086.D

Acq: 17 Jan 2019 13:49

Instrument :

BNA_F

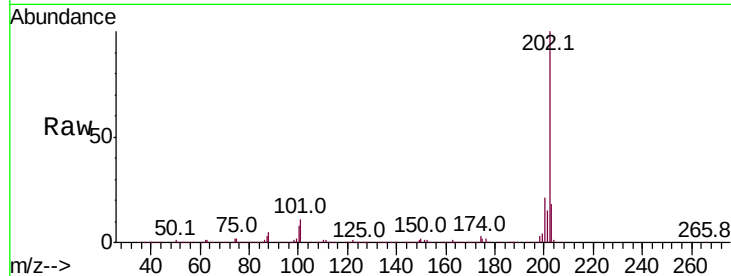
ClientSampleId :

JDHS-SOUTH-1MS

Tot Ion:	202	Resp:	1778213
Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	31.8
203	17.9	0.0	38.4

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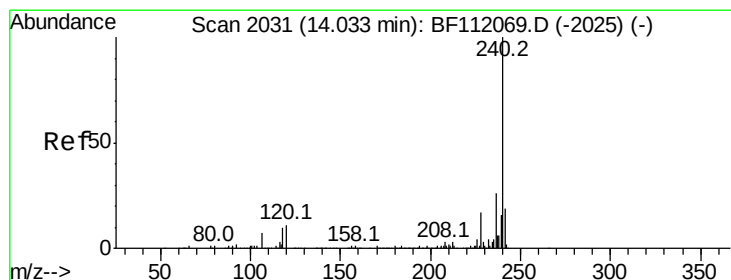
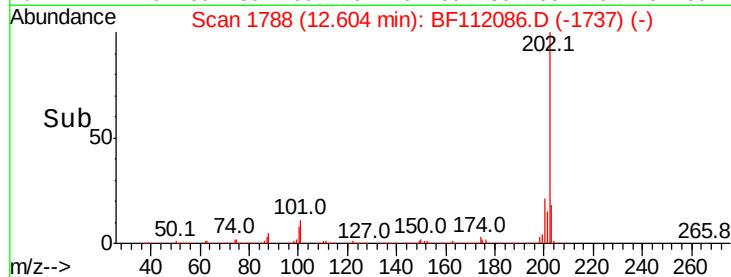
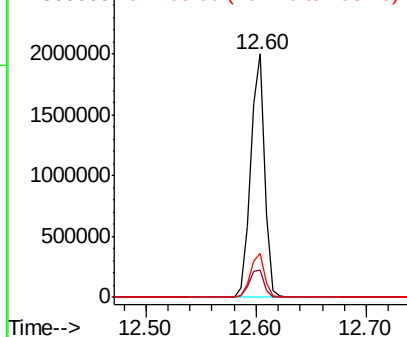


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.00 min

Lab File: BF112086.D

Acq: 17 Jan 2019 13:49

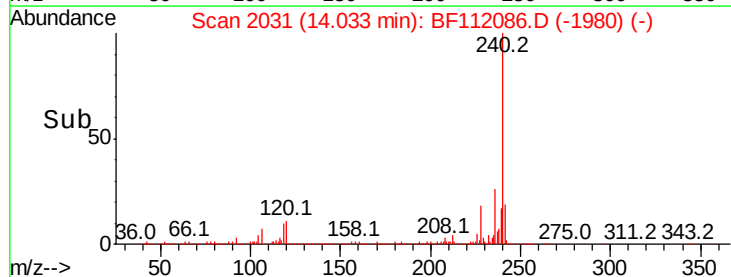
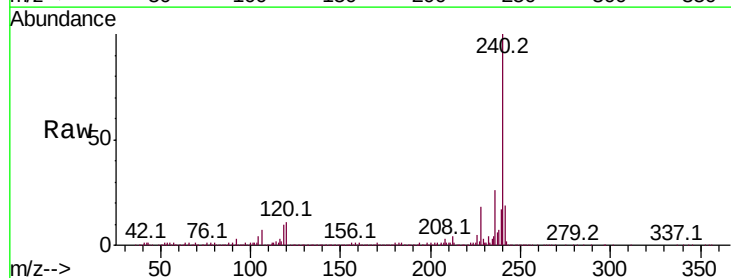
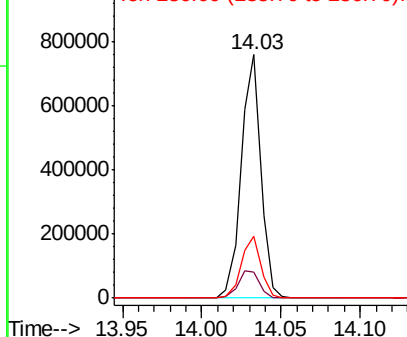
Tgt Ion:	240	Resp:	651330
Ion	Ratio	Lower	Upper
240	100		
120	10.6	9.0	13.6
236	25.6	20.7	31.1

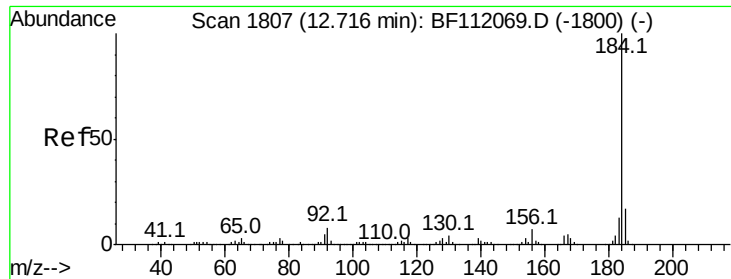
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 32.236 ng

RT: 12.72 min Scan# 1807

Delta R.T. 0.00 min

Lab File: BF112086.D

Acq: 17 Jan 2019 13:49

Instrument :

BNA_F

ClientSampleId :

JDHS-SOUTH-1MS

Tot Ion:184 Resp: 700550

Ion Ratio Lower Upper

184 100

185 14.3 13.9 20.9

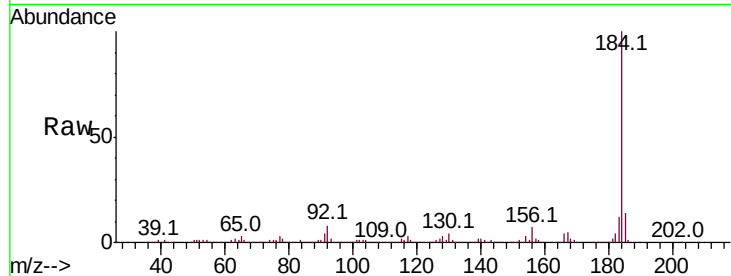
183 12.1 10.0 15.0

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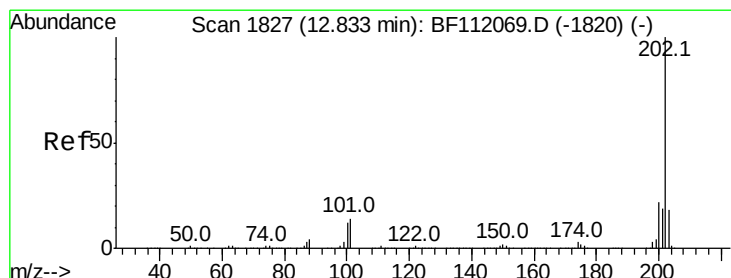
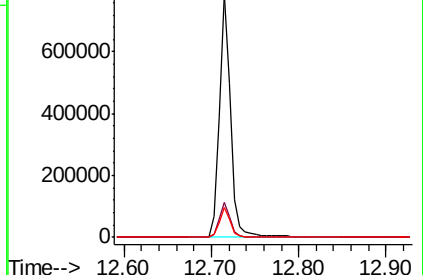
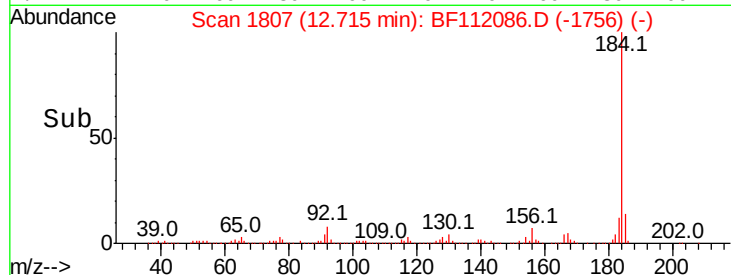


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

12.72



#78

Pyrene

Concen: 41.545 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BF112086.D

Acq: 17 Jan 2019 13:49

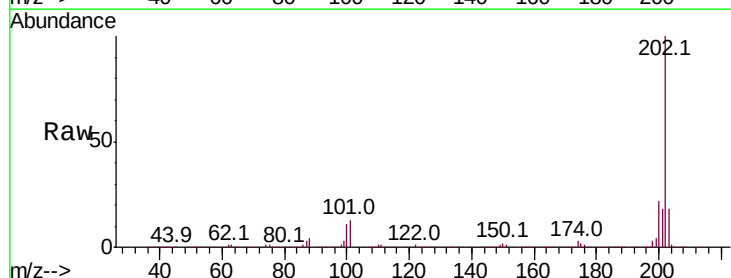
Tgt Ion:202 Resp: 1785297

Ion Ratio Lower Upper

202 100

200 22.0 17.7 26.5

203 18.3 14.6 22.0

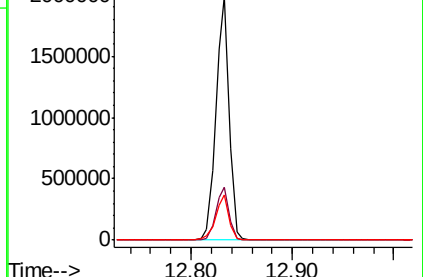
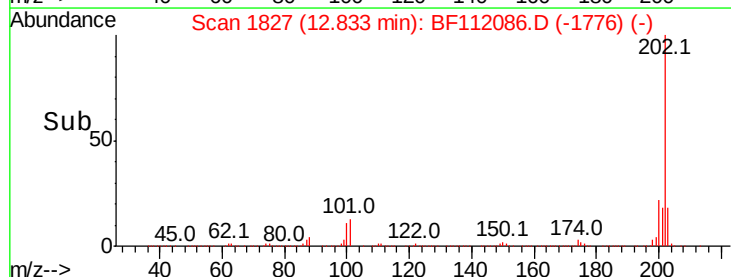


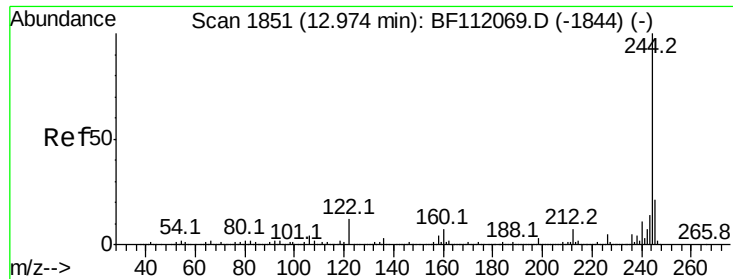
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

12.83





#79

Terphenyl-d14

Concen: 76.109 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BF112086.D

Acq: 17 Jan 2019 13:49

Instrument :

BNA_F

ClientSampleId :

JDHS-SOUTH-1MS

Tot Ion:244 Resp: 2330198

Ion Ratio Lower Upper

244 100

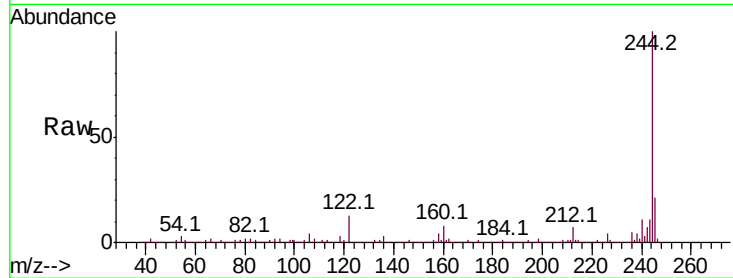
212 7.2 5.9 8.9

122 12.9 9.8 14.6

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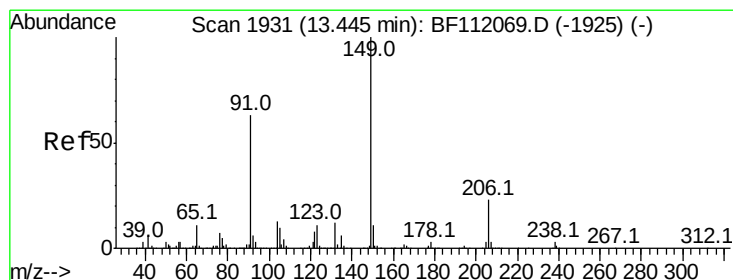
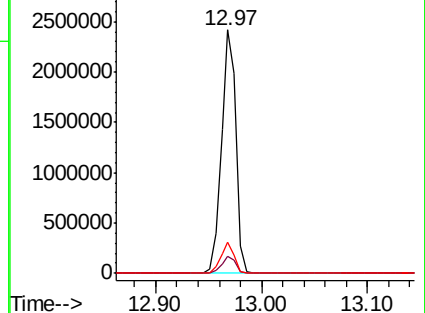
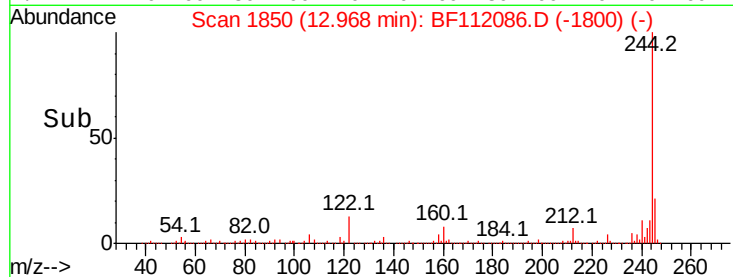
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.484 ng

RT: 13.44 min Scan# 1930

Delta R.T. -0.01 min

Lab File: BF112086.D

Acq: 17 Jan 2019 13:49

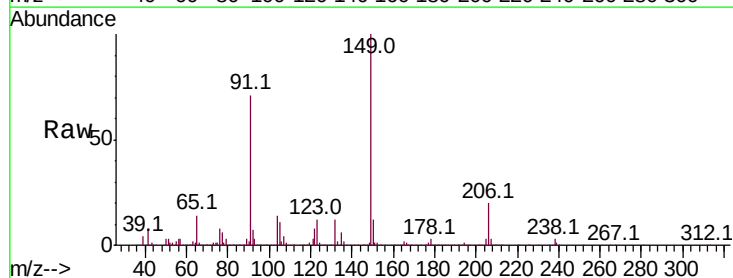
Tgt Ion:149 Resp: 838603

Ion Ratio Lower Upper

149 100

91 70.7 50.3 75.5

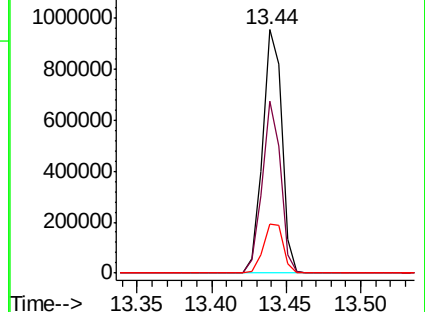
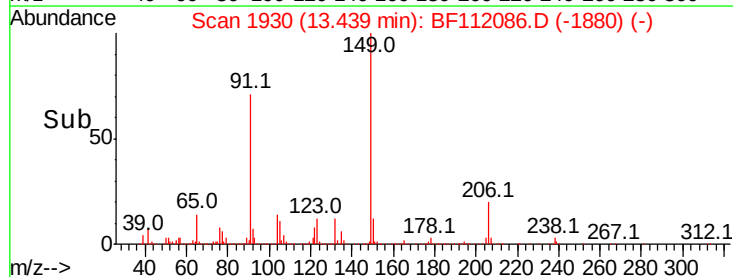
206 20.3 18.2 27.4

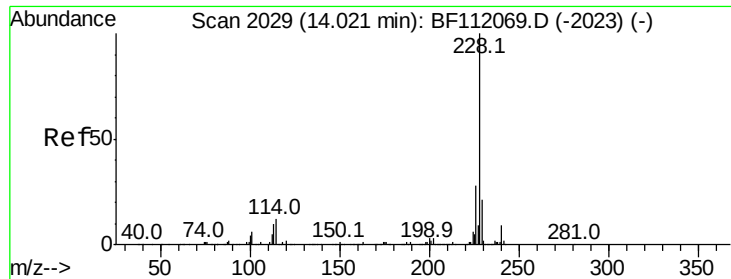


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.964 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.00 min

Lab File: BF112086.D

Acq: 17 Jan 2019 13:49

Instrument :

BNA_F

ClientSampleId :

JDHS-SOUTH-1MS

Tot Ion:228 Resp: 1641845

Ion Ratio Lower Upper

228 100

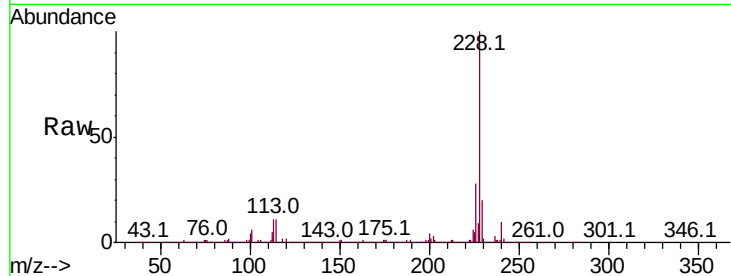
226 28.2 22.6 34.0

229 20.2 16.5 24.7

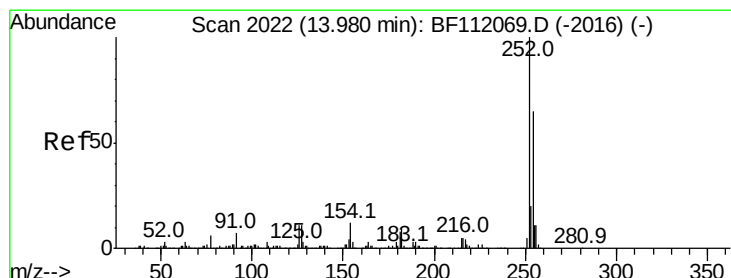
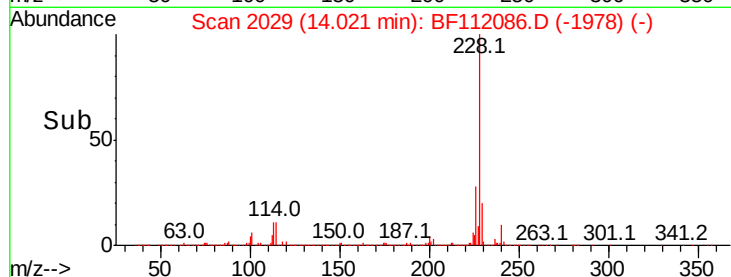
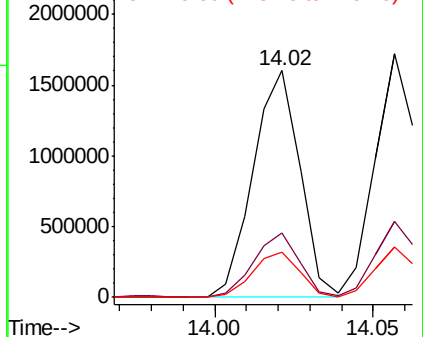
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 43.322 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.00 min

Lab File: BF112086.D

Acq: 17 Jan 2019 13:49

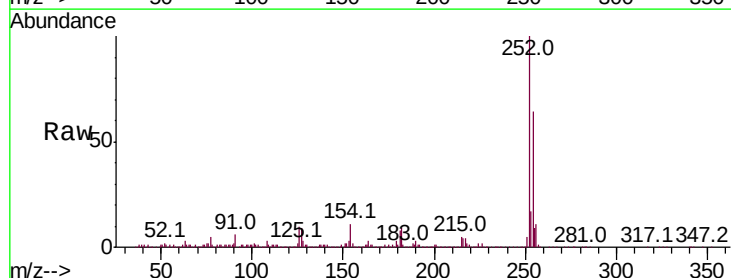
Tgt Ion:252 Resp: 605895

Ion Ratio Lower Upper

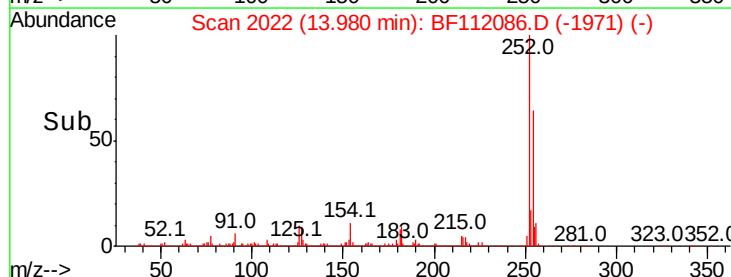
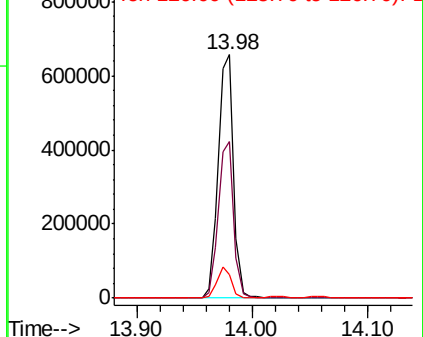
252 100

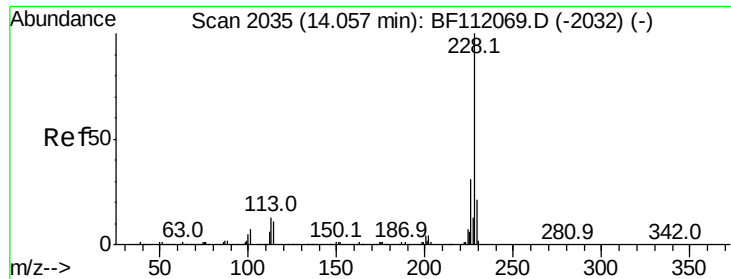
254 64.2 51.6 77.4

126 9.9 8.6 12.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





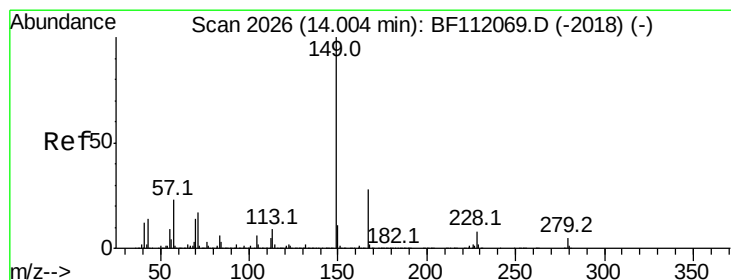
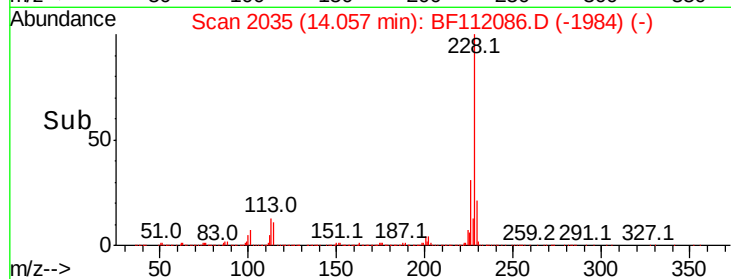
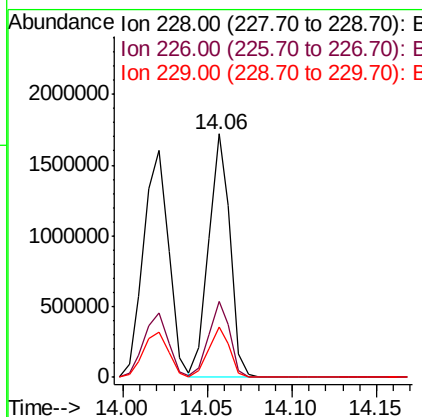
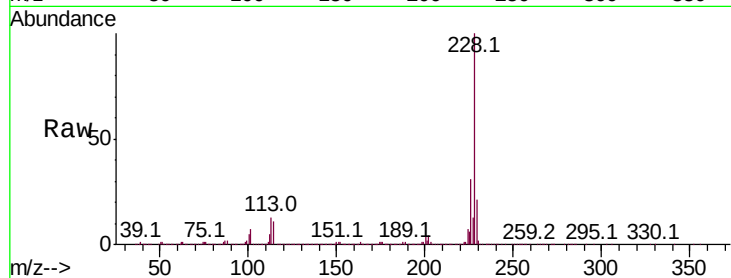
#83
Chrysene
Concen: 43.125 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BF112086.D
Acq: 17 Jan 2019 13:49

Instrument :
BNA_F
ClientSampleId :
JDHS-SOUTH-1MS

Tot Ion:228 Resp: 1523913
Ion Ratio Lower Upper
228 100
226 31.1 25.0 37.6
229 20.8 16.6 24.8

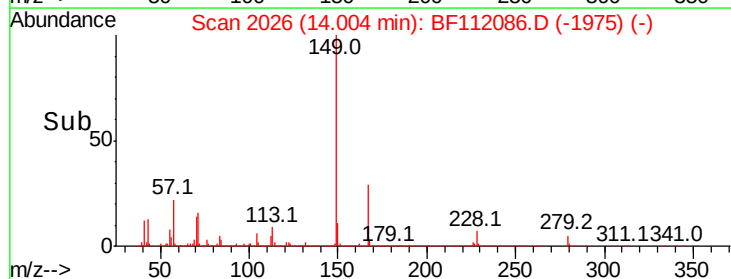
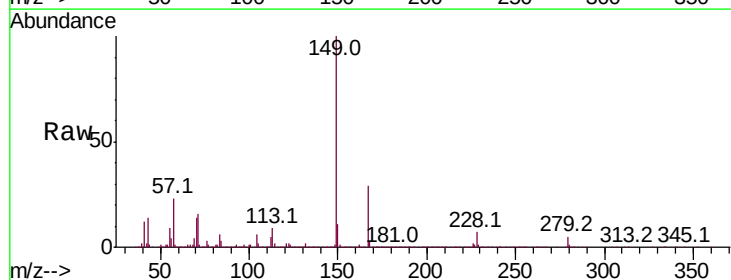
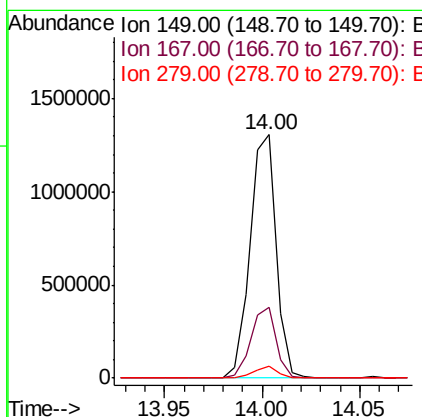
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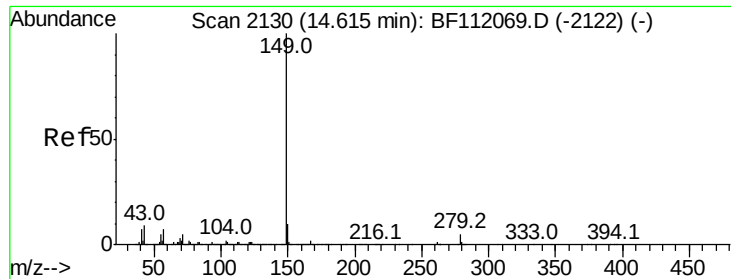
Sohil
1/18/2019 11:45:41 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 44.684 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BF112086.D
Acq: 17 Jan 2019 13:49

Tgt Ion:149 Resp: 1207272
Ion Ratio Lower Upper
149 100
167 29.0 22.5 33.7
279 4.9 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 47.547 ng

RT: 14.61 min Scan# 2129

Delta R.T. -0.01 min

Lab File: BF112086.D

Acq: 17 Jan 2019 13:49

Instrument :

BNA_F

ClientSampleId :

JDHS-SOUTH-1MS

Tot Ion:149 Resp: 1979325

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

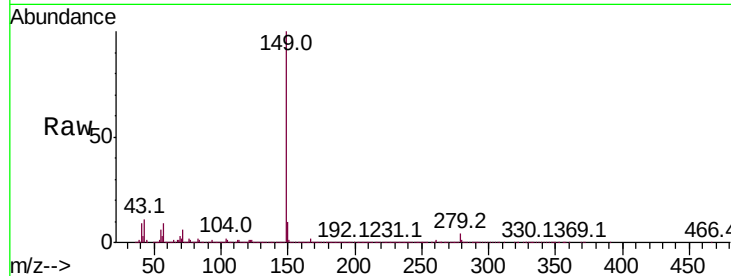
43 9.7 7.8 11.6

Manual Integrations

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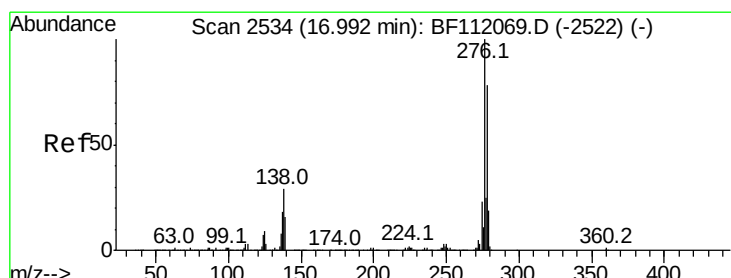
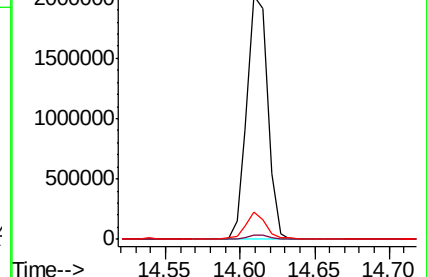
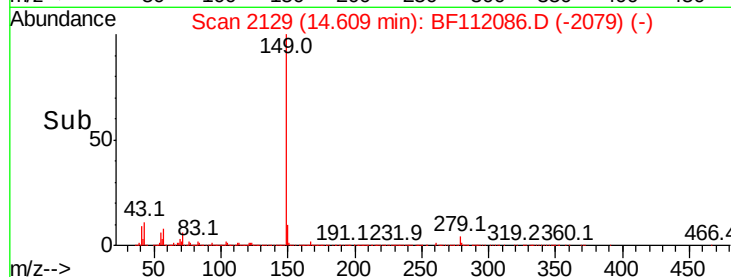
1/18/2019 11:45:41 AM



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: 38.964 ng

RT: 16.99 min Scan# 2534

Delta R.T. -0.00 min

Lab File: BF112086.D

Acq: 17 Jan 2019 13:49

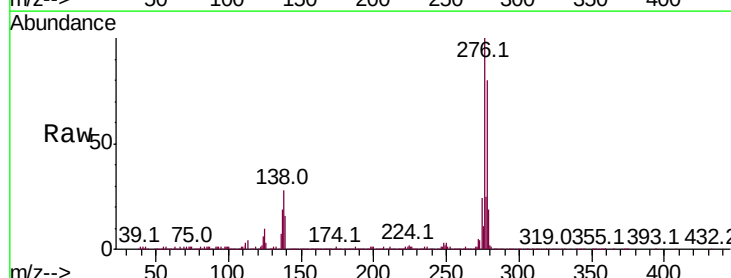
Tgt Ion:276 Resp: 1270278

Ion Ratio Lower Upper

276 100

138 27.9 22.6 34.0

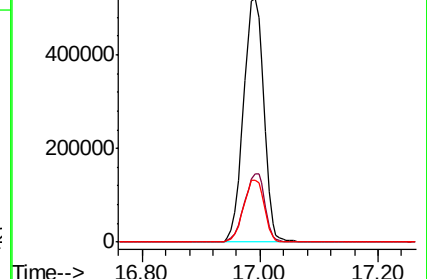
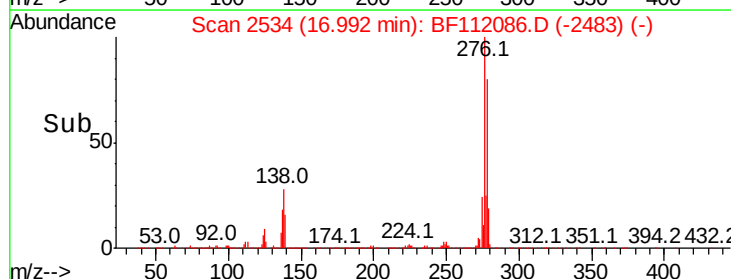
277 25.8 20.3 30.5

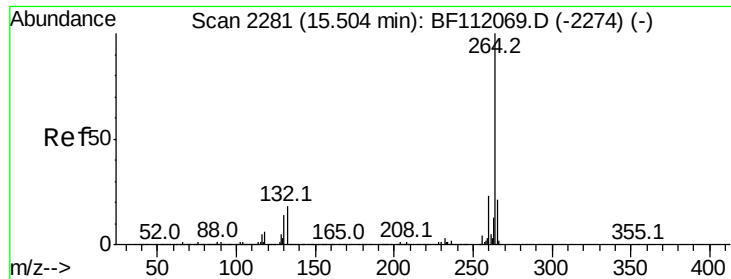


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





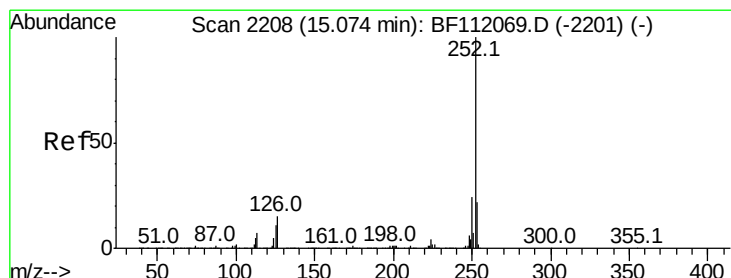
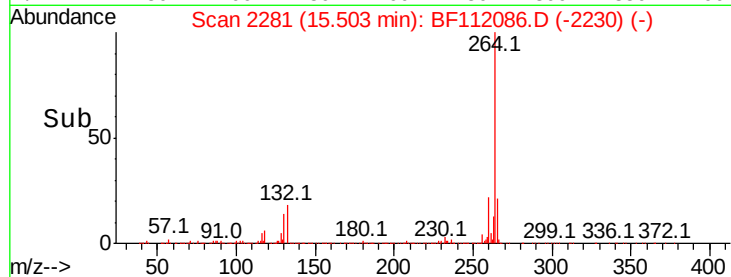
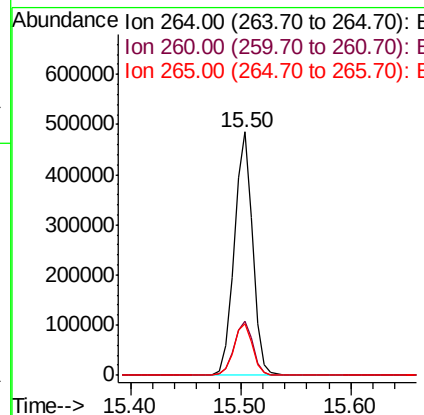
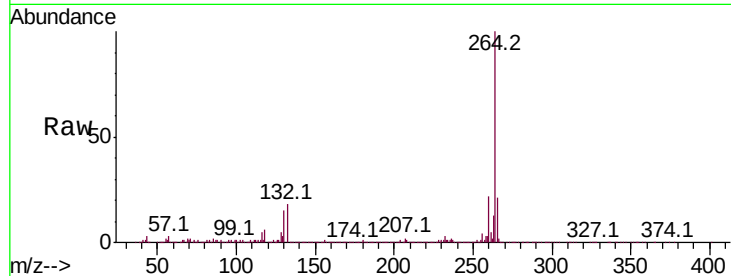
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.00 min
Lab File: BF112086.D
Acq: 17 Jan 2019 13:49

Instrument :
BNA_F
ClientSampleId :
JDHS-SOUTH-1MS

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

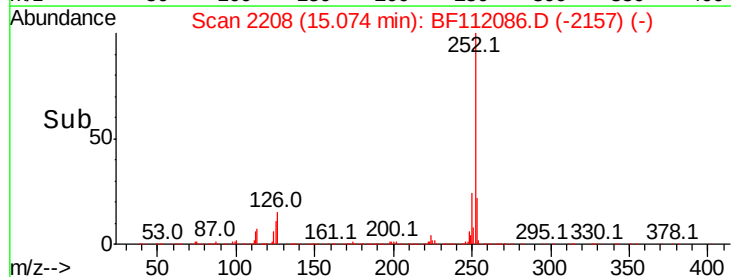
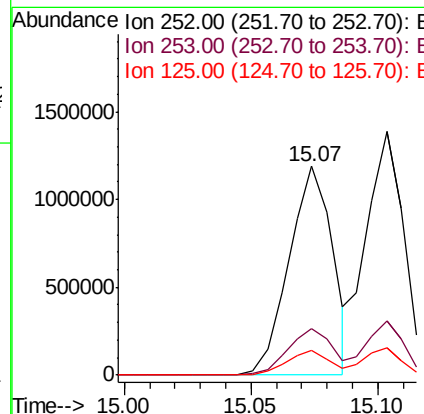
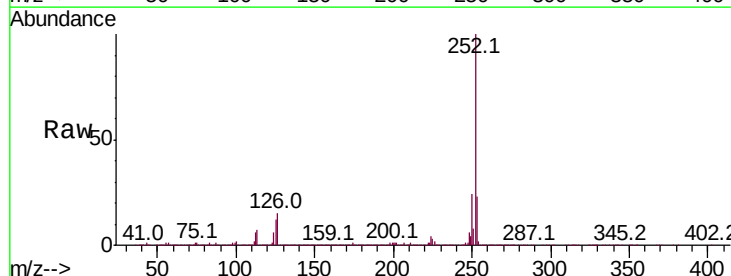
Manual Integrations
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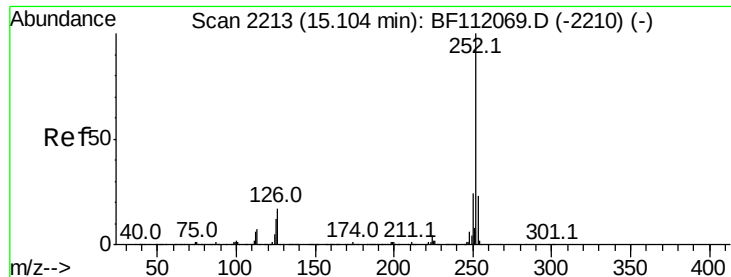
Sohil
1/18/2019 11:45:41 AM



#88
Benzo(b)fluoranthene
Concen: 44.682 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.00 min
Lab File: BF112086.D
Acq: 17 Jan 2019 13:49

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





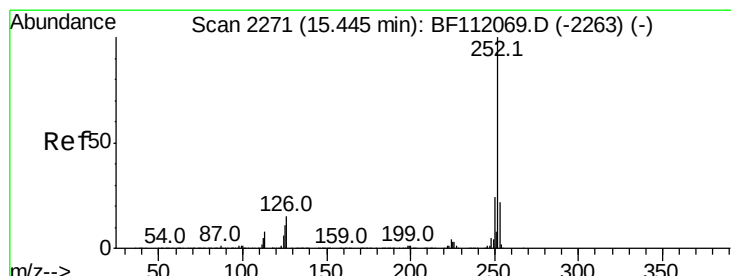
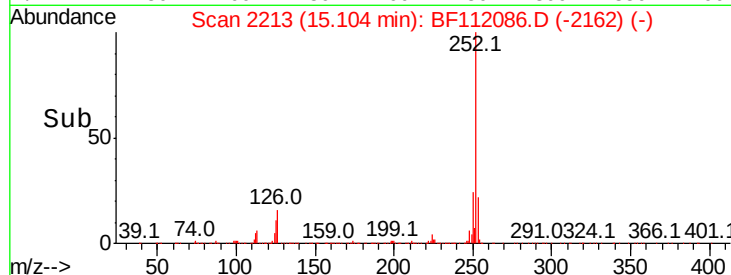
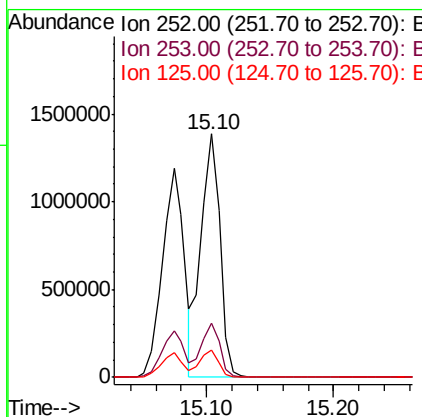
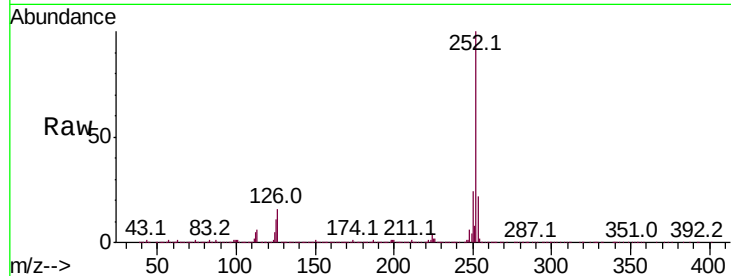
#89
Benzo(k)fluoranthene
Concen: 46.667 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.00 min
Lab File: BF112086.D
Acq: 17 Jan 2019 13:49

Instrument :
BNA_F
ClientSampleId :
JDHS-SOUTH-1MS

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

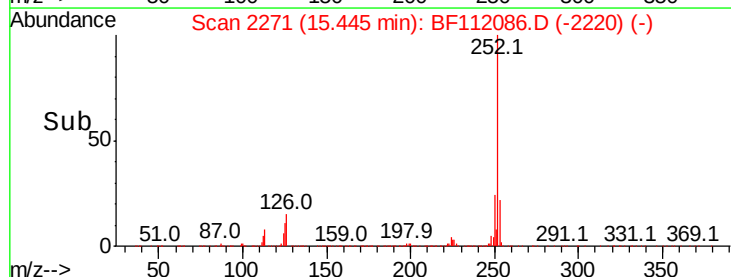
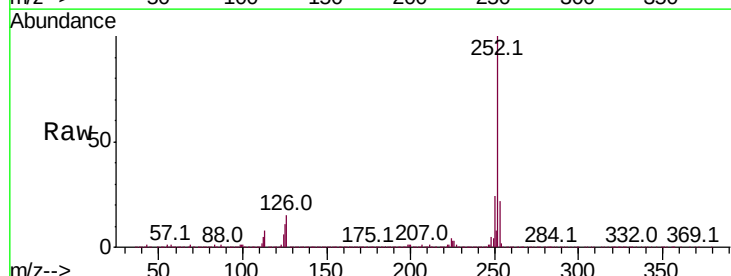
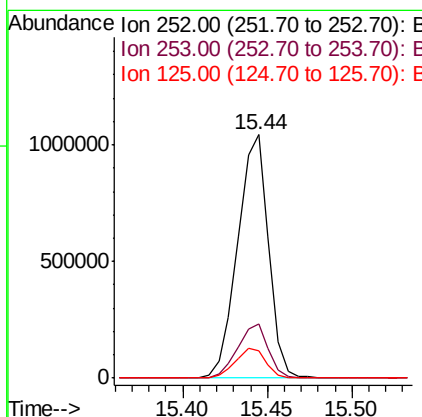
Manual Integrations
APPROVED

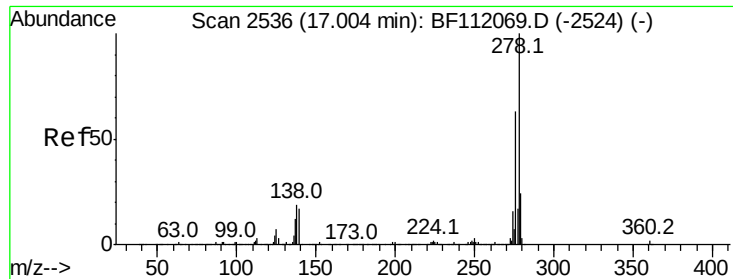
Sohil
1/18/2019 11:45:41 AM



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

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





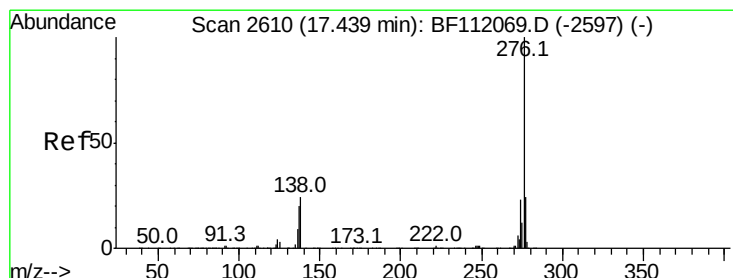
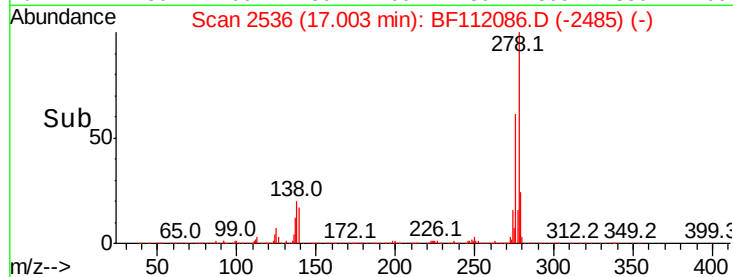
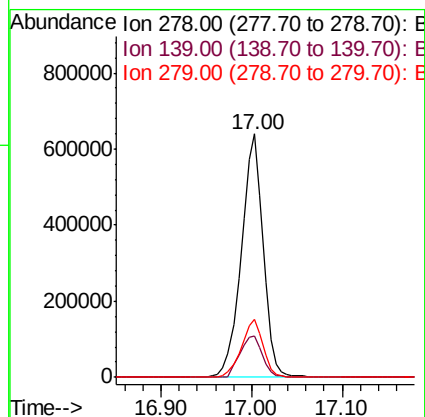
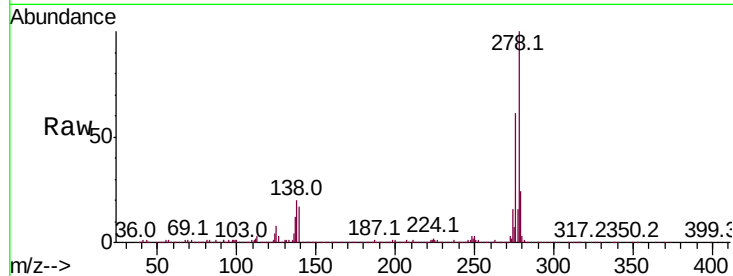
#91
Dibenzo(a,h)anthracene
Concen: 41.378 ng
RT: 17.00 min Scan# 2536
Delta R.T. -0.00 min
Lab File: BF112086.D
Acq: 17 Jan 2019 13:49

Instrument :
BNA_F
ClientSampleId :
JDHS-SOUTH-1MS

Tot Ion:278 Resp: 1074991
Ion Ratio Lower Upper
278 100
139 16.9 13.7 20.5
279 23.7 19.0 28.6

Manual Integrations
APPROVED

Sohil
1/18/2019 11:45:41 AM



#92
Benzo(g,h,i)perylene
Concen: 39.386 ng
RT: 17.44 min Scan# 2610
Delta R.T. -0.00 min
Lab File: BF112086.D
Acq: 17 Jan 2019 13:49

Tgt Ion:276 Resp: 1008072
Ion Ratio Lower Upper
276 100
277 24.1 19.4 29.0
138 22.6 19.1 28.7

