

Data Path : U:\HPCHEM1\BNA F\DATA\BF011618\
 Data File : BF102125.D
 Acq On : 16 Jan 2018 22:23
 Operator : SJ/JU
 Sample : J1014-01MS 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-011518MS

Quant Time: Jan 17 03:30:21 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 11 12:53:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	144837	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	576728	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	252505	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	375342	20.00	ng	-0.01
75) Chrysene-d12	13.87	240	258862	20.00	ng	-0.01
86) Perylene-d12	15.28	264	268723	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	66115	6.45	ng	-0.01
7) Phenol-d6	6.35	99	77194	6.31	ng	-0.02
23) Nitrobenzene-d5	7.27	82	47438	4.83	ng	-0.02
41) 2,4,6-Tribromophenol	10.54	330	15955	7.24	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	92742	5.74	ng	-0.02
78) Terphenyl-d14	12.82	244	61399	4.92	ng	-0.01

Target Compounds

						Qvalue
8) 2-Chlorophenol	6.50	128	23162	2.252	ng	96
10) Phenol	6.36	94	31702	2.292	ng	98
11) bis(2-Chloroethyl)ether	6.45	93	21932	2.084	ng	95
12) 1,3-Dichlorobenzene	6.66	146	25521	2.152	ng	95
13) 1,4-Dichlorobenzene	6.73	146	25657	2.168	ng	99
14) 1,2-Dichlorobenzene	6.89	146	24490	2.236	ng	96
15) Benzyl Alcohol	6.86	79	21044	2.351	ng	95
17) 2-Methylphenol	6.97	107	18953	2.042	ng	# 88
18) Hexachloroethane	7.23	117	9043	2.170	ng	90
19) n-Nitroso-di-n-propylamine	7.12	70	18932	2.361	ng	# 86
20) 3+4-Methylphenols	7.13	107	24844	2.230	ng	# 56
22) Acetophenone	7.12	105	58757	4.228	ng	# 90
24) Nitrobenzene	7.30	77	25139	2.384	ng	97
25) Isophorone	7.53	82	49783	2.567	ng	# 89
26) 2-Nitrophenol	7.62	139	11467	2.598	ng	# 86
27) 2,4-Dimethylphenol	7.66	122	20197	2.450	ng	96
28) bis(2-Chloroethoxy)methane	7.75	93	30738	2.625	ng	95
29) 2,4-Dichlorophenol	7.86	162	17020	2.174	ng	88
30) 1,2,4-Trichlorobenzene	7.94	180	19308	2.358	ng	99
31) Naphthalene	8.02	128	77197	2.679	ng	99
34) Hexachlorobutadiene	8.14	225	9721	2.243	ng	91
36) 4-Chloro-3-methylphenol	8.55	107	21774	2.541	ng	99
37) 2-Methylnaphthalene	8.72	142	62614	3.300	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	17871	2.502	ng	# 97
42) 2,4,6-Trichlorophenol	8.99	196	11572	2.351	ng	96
43) 2,4,5-Trichlorophenol	9.03	196	12314	2.213	ng	# 82
45) 1,1'-Biphenyl	9.17	154	59316	2.658	ng	98
46) 2-Chloronaphthalene	9.20	162	40573	2.344	ng	95
47) 2-Nitroaniline	9.30	65	12925	2.493	ng	100
48) Acenaphthylene	9.62	152	68890	2.508	ng	99
49) Dimethylphthalate	9.47	163	65508	3.234	ng	98
50) 2,6-Dinitrotoluene	9.53	165	8612	2.128	ng	# 72
51) Acenaphthene	9.79	154	38537	2.312	ng	95
54) Dibenzofuran	9.96	168	56572	2.473	ng	97

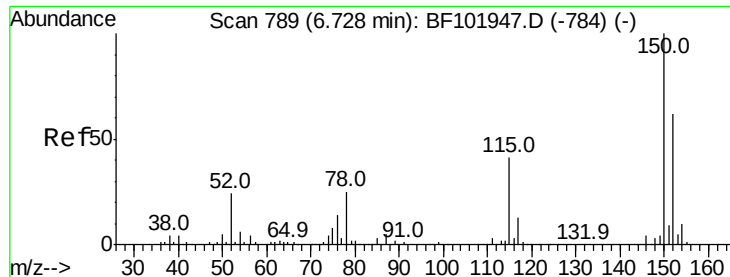
Data Path : U:\HPCHEM1\BNA F\DATA\BF011618\
 Data File : BF102125.D
 Acq On : 16 Jan 2018 22:23
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
55) 4-Nitrophenol	9.86	139	13303	3.496	nq	87
56) 2,4-Dinitrotoluene	9.94	165	10785	2.127	nq #	95
57) Fluorene	10.30	166	51444	3.253	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.07	232	9458	2.388	nq #	65
59) Diethylphthalate	10.17	149	46838	2.325	nq	97
60) 4-Chlorophenyl-phenylether	10.29	204	18963	2.816	nq	94
62) Azobenzene	10.45	77	45421	2.266	nq	94
64) 4,6-Dinitro-2-methylphenol	10.35	198	119	5.714	nq #	1
65) n-Nitrosodiphenylamine	10.41	169	40492	2.881	nq	95
66) 4-Bromophenyl-phenylether	10.78	248	10366	2.615	nq	99
67) Hexachlorobenzene	10.84	284	10818	2.500	nq	92
68) Atrazine	10.93	200	12479	3.072	nq	93
69) Pentachlorophenol	11.04	266	7698	2.917	nq	93
70) Phenanthrene	11.26	178	100258	4.573	nq	98
71) Anthracene	11.31	178	66124	2.974	nq	98
72) Carbazole	11.46	167	48102	2.201	nq	98
73) Di-n-butylphthalate	11.80	149	66250	2.471	nq	98
74) Fluoranthene	12.44	202	111877	5.186	nq	96
77) Pyrene	12.67	202	112858	4.932	nq	99
79) Butylbenzylphthalate	13.30	149	21537	2.051	nq #	97
80) Benzo(a)anthracene	13.86	228	70977	4.297	nq	94
82) Chrysene	13.89	228	65826	3.822	nq	100
83) Bis(2-ethylhexyl)phthalate	13.85	149	28315	2.351	nq	98
84) Di-n-octyl phthalate	14.46	149	49012	2.452	nq #	96
85) Indeno(1,2,3-cd)pyrene	16.64	276	48454	3.866	nq	95
87) Benzo(b)fluoranthene	14.87	252	74681	4.262	nq	98
88) Benzo(k)fluoranthene	14.90	252	56832	3.362	nq	99
89) Benzo(a)pyrene	15.22	252	65377	4.146	nq #	93
90) Dibenzo(a,h)anthracene	16.66	278	30752	2.444	nq	96
91) Benzo(g,h,i)perylene	17.06	276	41470	3.272	nq #	91

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

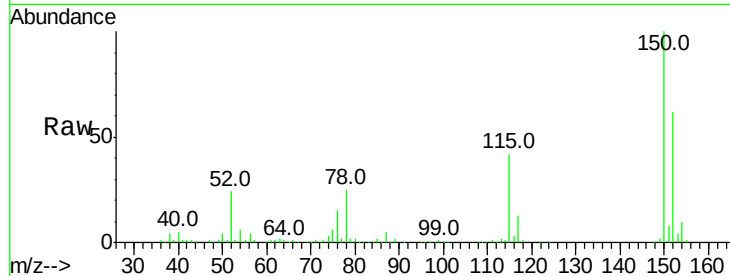


#1

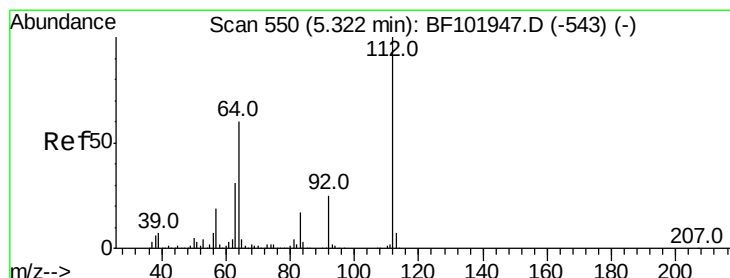
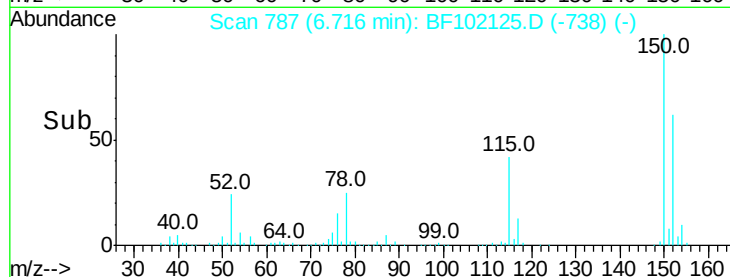
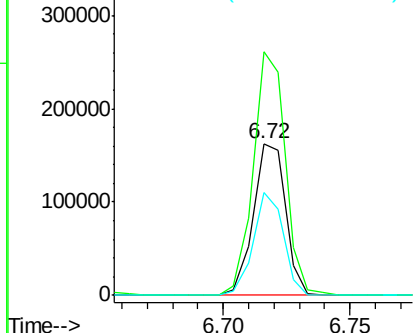
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF102125.D
Acq: 16 Jan 2018 22:23

Instrument :
BNA_F
ClientSampleId :
HD-01-011518MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.1	124.6	186.8
115	68.0	50.1	75.1



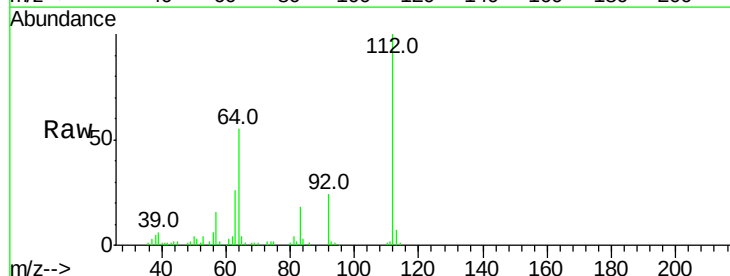
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



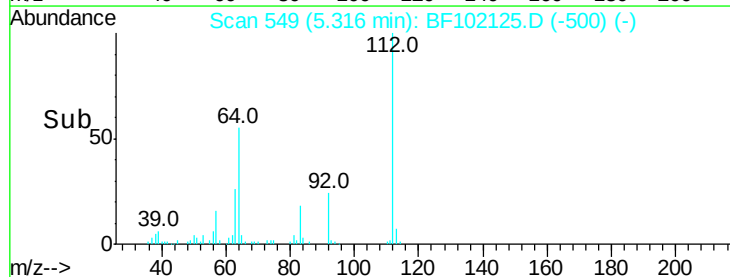
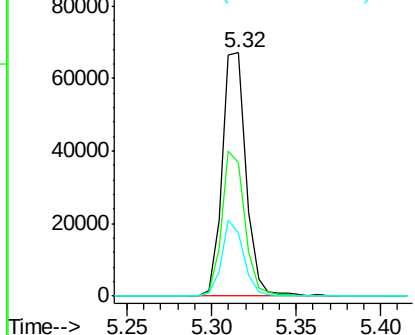
#5

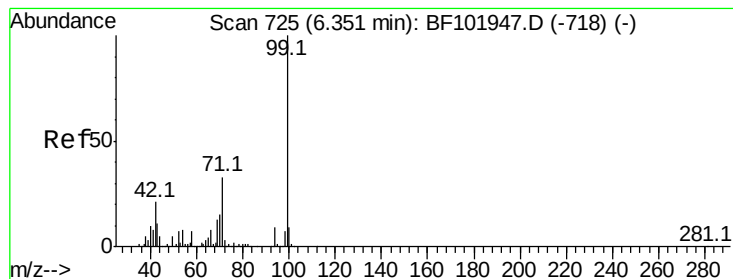
2-Fluorophenol
Concen: 6.446 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.01 min
Lab File: BF102125.D
Acq: 16 Jan 2018 22:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.0	47.9	71.9
63	26.1	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 6.308 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF102125.D

Acq: 16 Jan 2018 22:23

Instrument :

BNA_F

ClientSampleId :

HD-01-011518MS

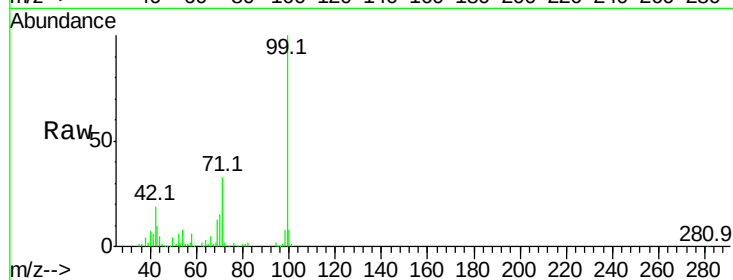
Tot Ion: 99 Resp: 77194

Ion Ratio Lower Upper

99 100

42 18.8 14.5 21.7

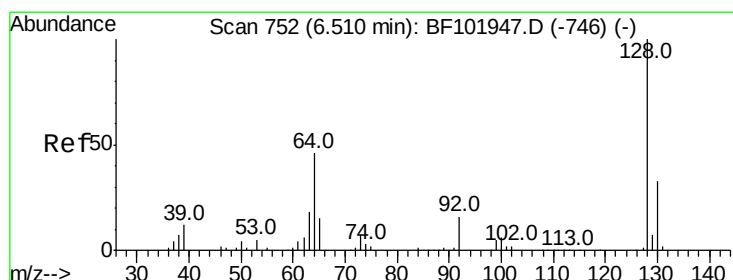
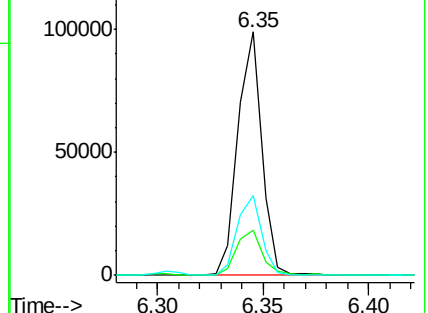
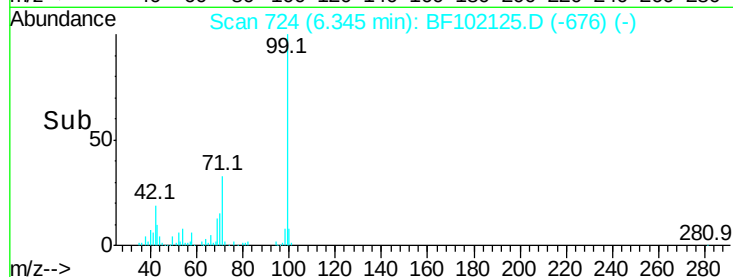
71 32.6 25.4 38.0



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: 2.252 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF102125.D

Acq: 16 Jan 2018 22:23

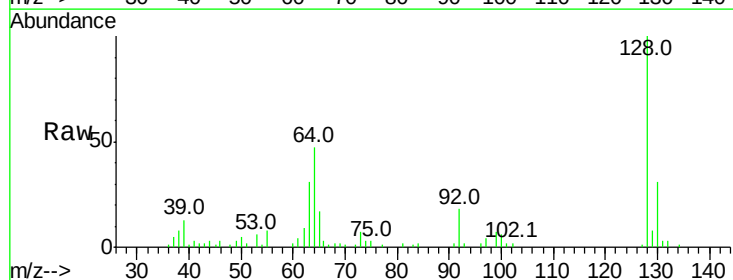
Tgt Ion:128 Resp: 23162

Ion Ratio Lower Upper

128 100

130 31.1 13.0 53.0

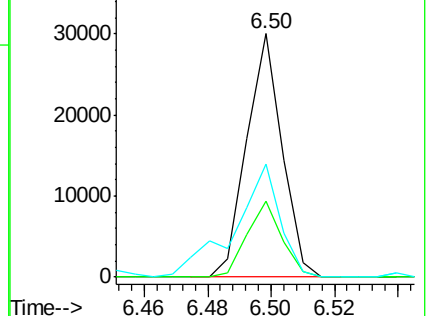
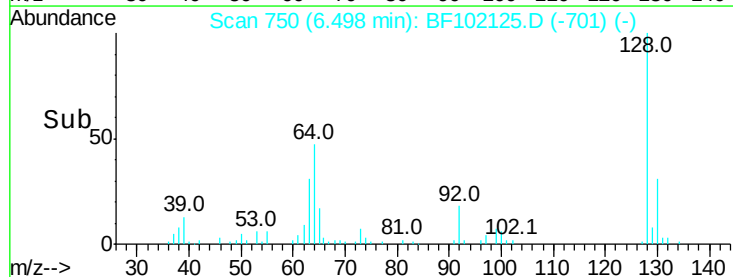
64 46.6 29.4 69.4

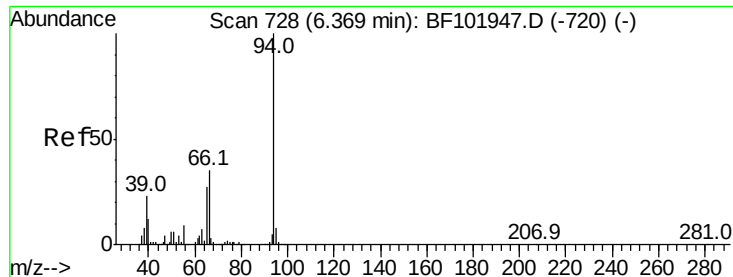


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#10

Phenol

Concen: 2.292 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF102125.D

Acq: 16 Jan 2018 22:23

Instrument :

BNA_F

ClientSampleId :

HD-01-011518MS

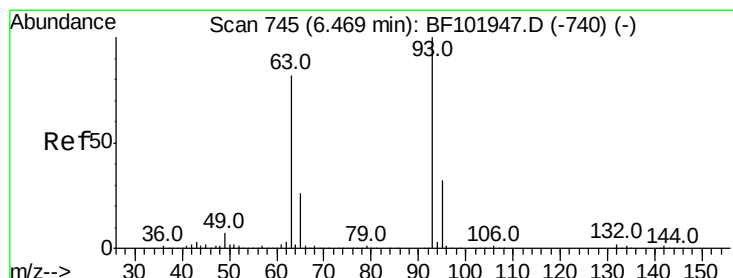
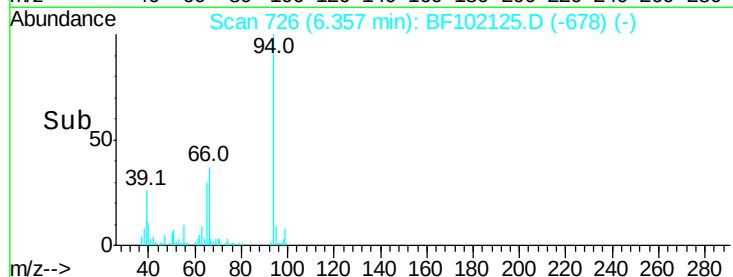
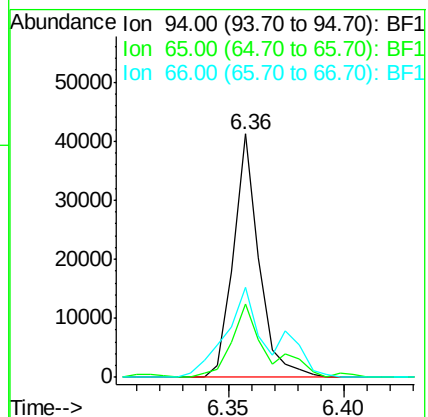
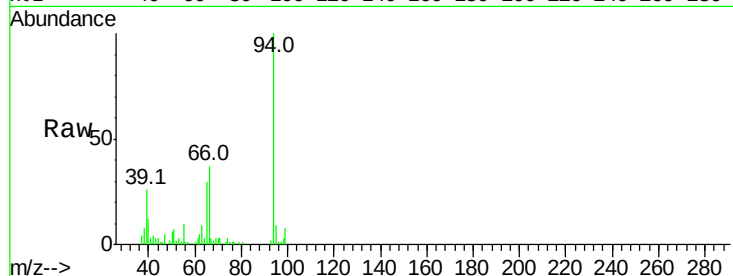
Tot Ion: 94 Resp: 31702

Ion Ratio Lower Upper

94 100

65 30.2 7.9 47.9

66 36.8 16.2 56.2



#11

bis(2-Chloroethyl)ether

Concen: 2.084 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.02 min

Lab File: BF102125.D

Acq: 16 Jan 2018 22:23

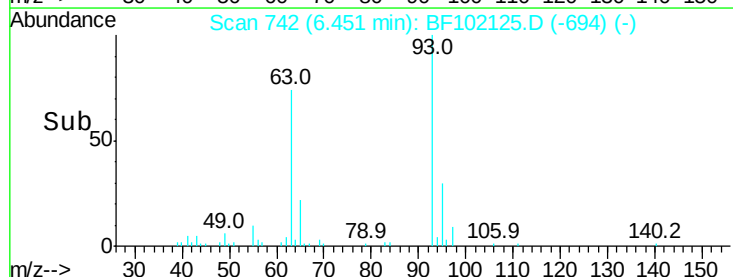
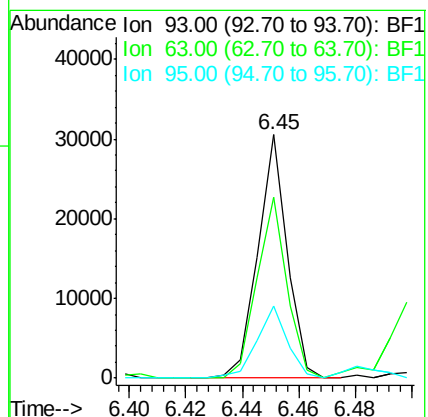
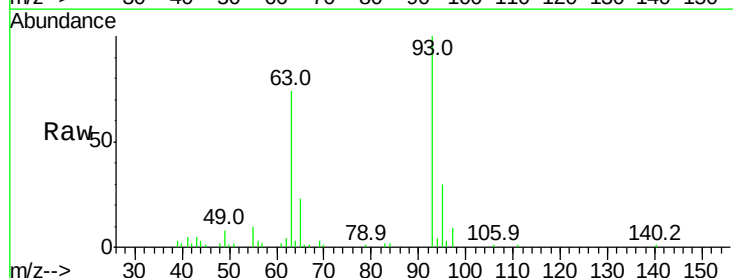
Tgt Ion: 93 Resp: 21932

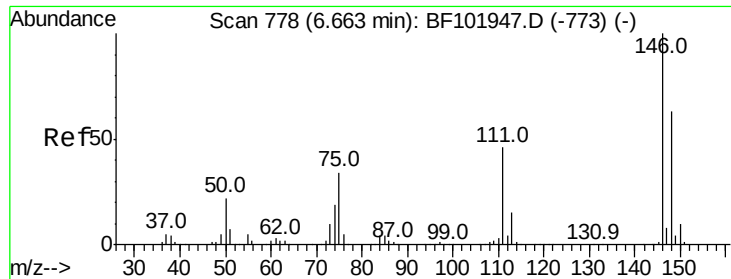
Ion Ratio Lower Upper

93 100

63 74.2 58.6 98.6

95 29.6 11.8 51.8





#12

1,3-Dichlorobenzene

Concen: 2.152 ng

RT: 6.66 min Scan# 777

Delta R.T. -0.01 min

Lab File: BF102125.D

Acq: 16 Jan 2018 22:23

Instrument :

BNA_F

ClientSampleId :

HD-01-011518MS

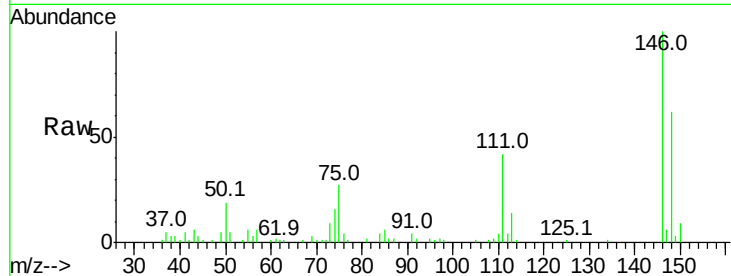
Tot Ion:146 Resp: 25521

Ion Ratio Lower Upper

146 100

148 61.5 51.8 77.8

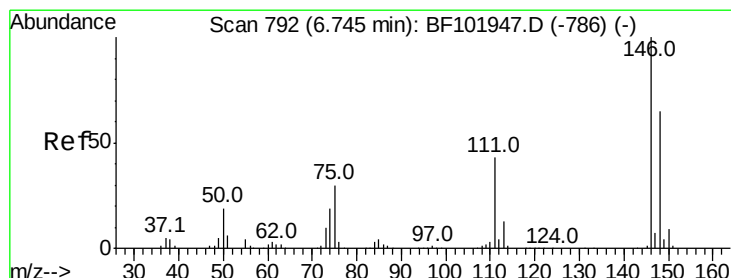
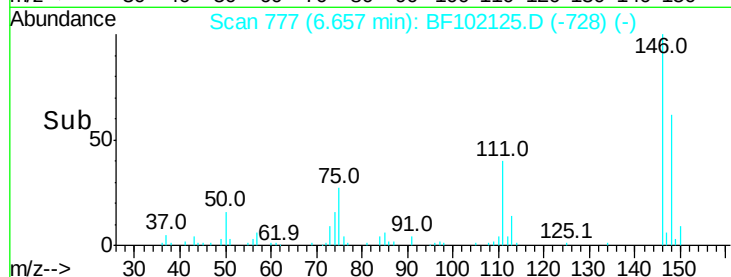
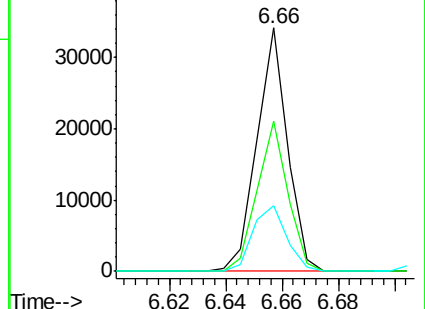
75 27.1 24.2 36.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1



#13

1,4-Dichlorobenzene

Concen: 2.168 ng

RT: 6.73 min Scan# 790

Delta R.T. -0.01 min

Lab File: BF102125.D

Acq: 16 Jan 2018 22:23

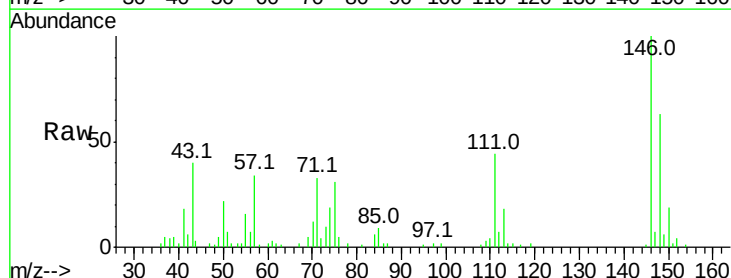
Tgt Ion:146 Resp: 25657

Ion Ratio Lower Upper

146 100

148 63.4 50.8 76.2

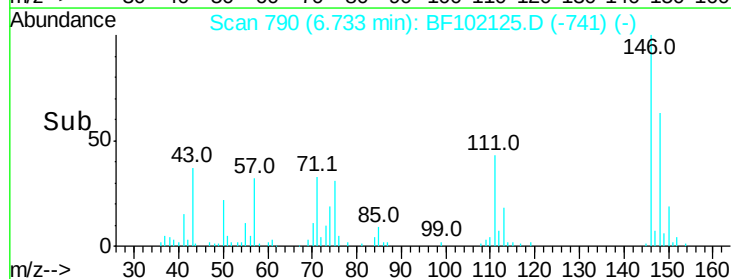
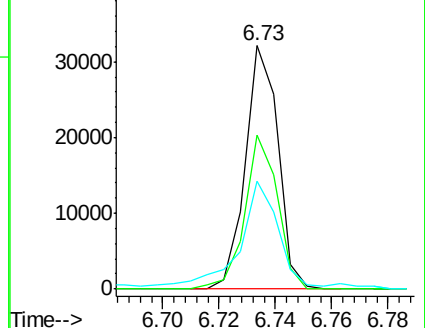
111 44.1 34.2 51.2

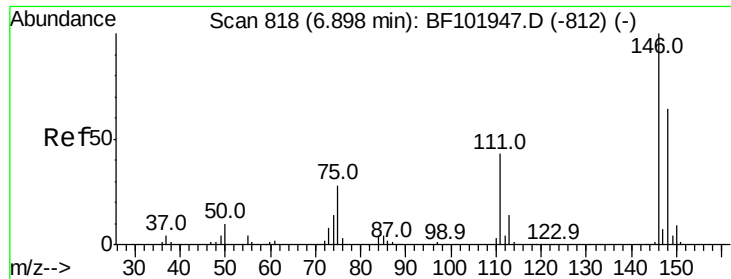


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 2.236 ng

RT: 6.89 min Scan# 816

Delta R.T. -0.01 min

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HD-01-011518MS

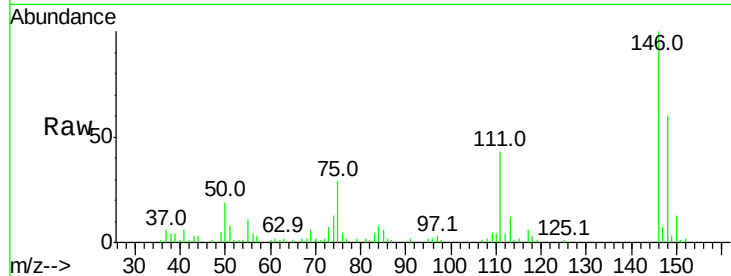
Tot Ion:146 Resp: 24490

Ion Ratio Lower Upper

146 100

148 60.2 50.6 75.8

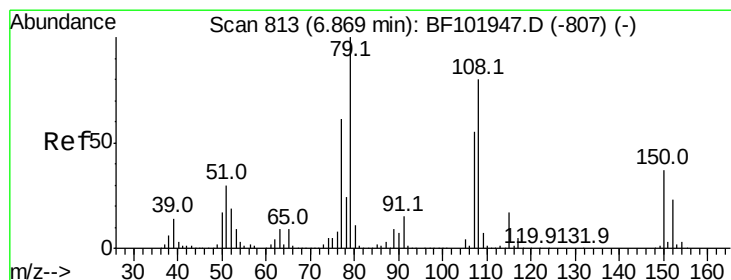
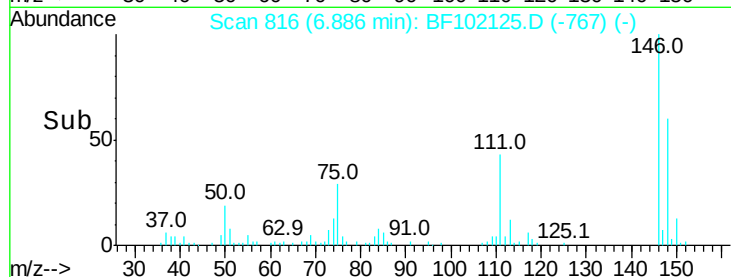
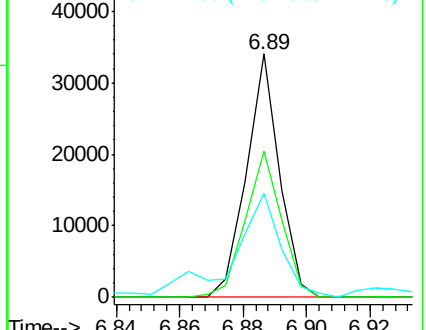
111 43.0 36.0 54.0



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: 2.351 ng

RT: 6.86 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF102125.D

Acq: 16 Jan 2018 22:23

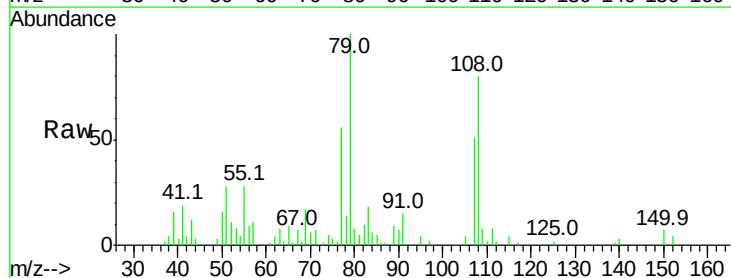
Tgt Ion: 79 Resp: 21044

Ion Ratio Lower Upper

79 100

108 80.3 65.1 97.7

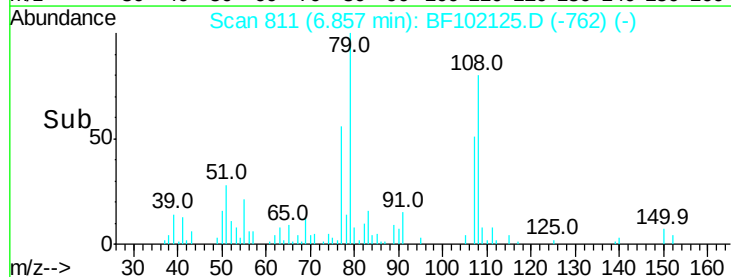
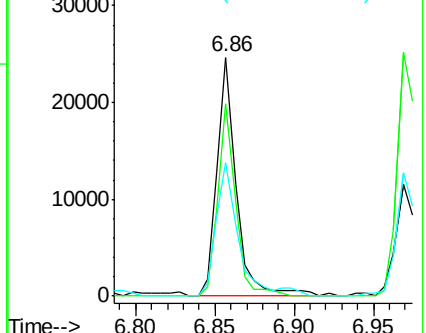
77 55.7 50.6 75.8

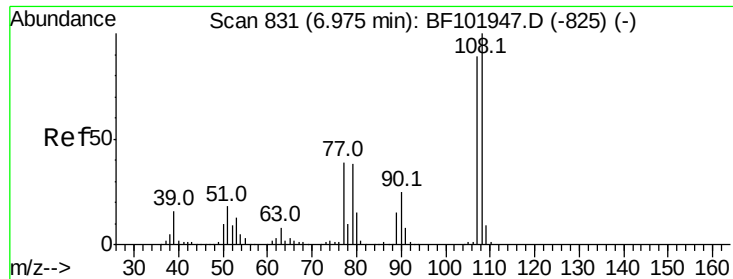


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1





#17

2-Methylphenol

Concen: 2.042 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.01 min

Lab File: BF102125.D

Acq: 16 Jan 2018 22:23

Instrument :

BNA_F

ClientSampleId :

HD-01-011518MS

Tot Ion:107 Resp: 18953

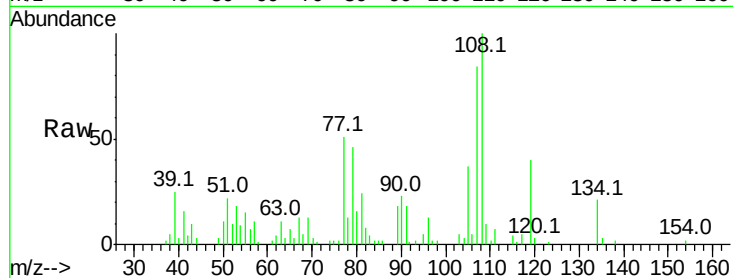
Ion Ratio Lower Upper

107 100

108 118.5 91.7 137.5

77 60.2 33.8 50.8#

79 54.4 33.8 50.8#

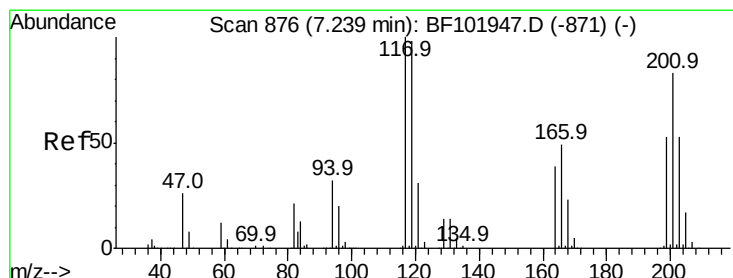
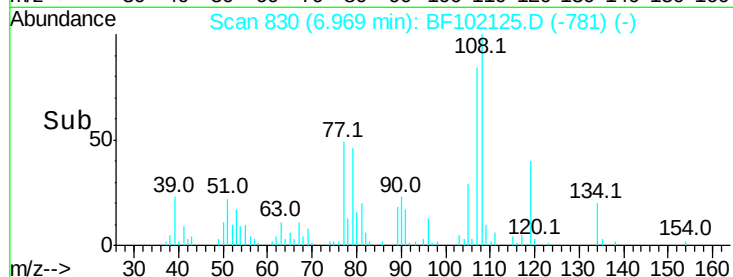
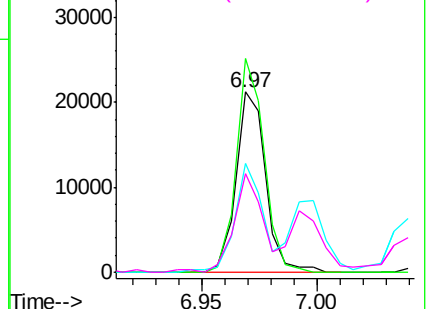


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 2.170 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF102125.D

Acq: 16 Jan 2018 22:23

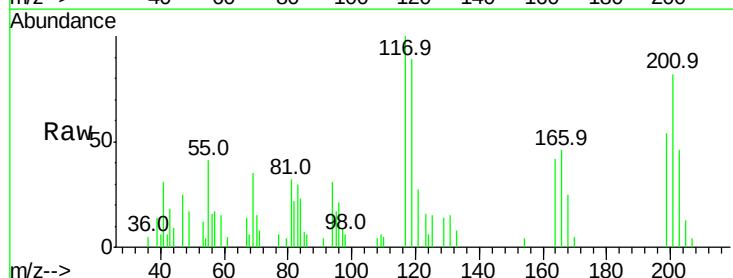
Tgt Ion:117 Resp: 9043

Ion Ratio Lower Upper

117 100

119 88.6 75.8 113.8

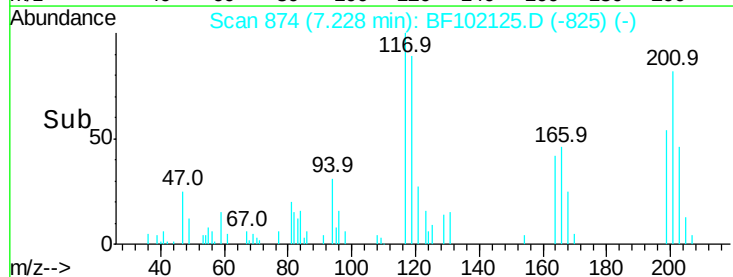
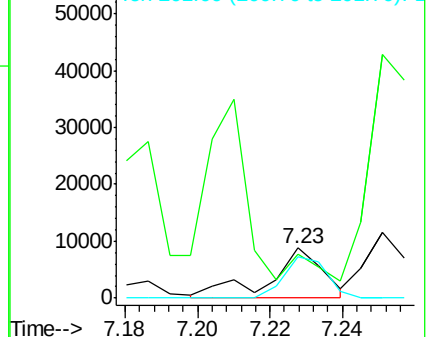
201 82.1 75.7 113.5

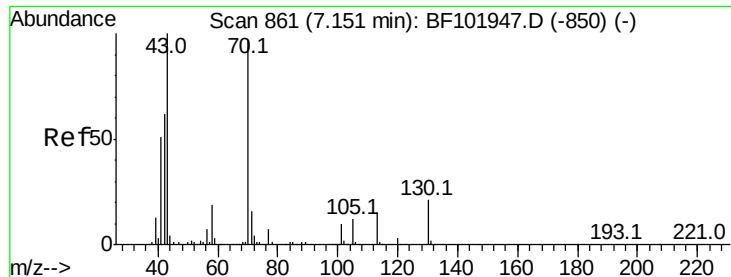


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

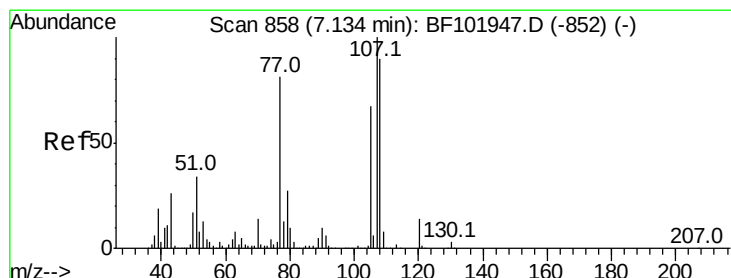
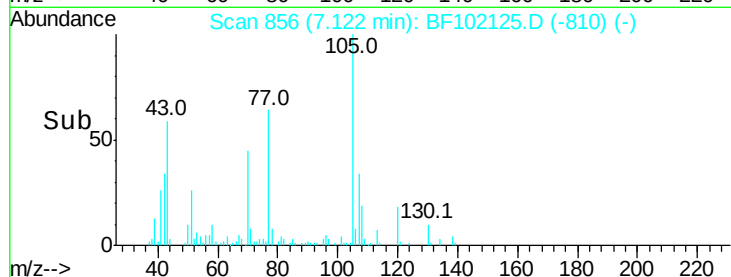
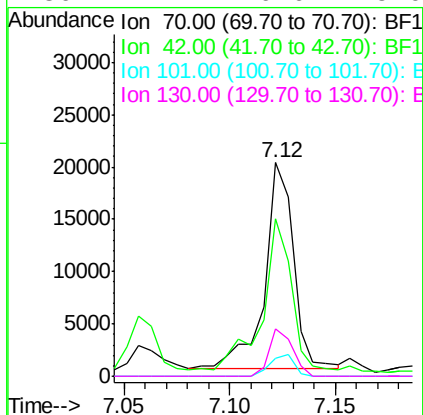
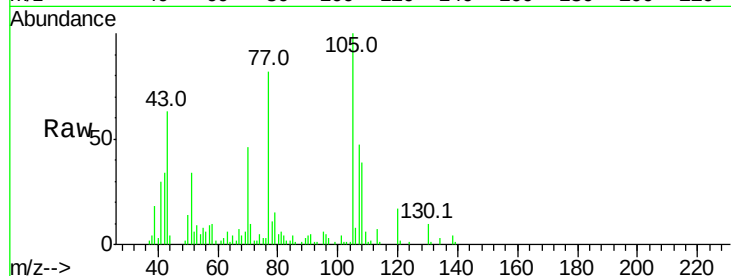




#19
n-Nitroso-di-n-propylamine
Concen: 2.361 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.03 min
Lab File: BF102125.D
Acq: 16 Jan 2018 22:23

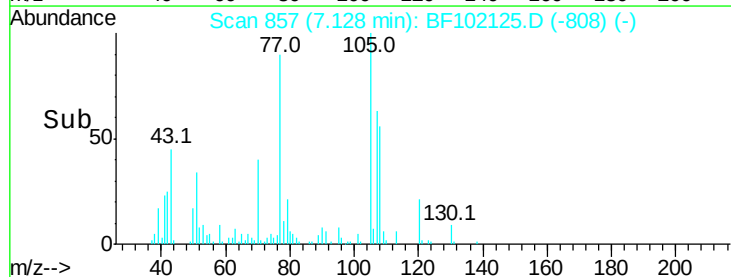
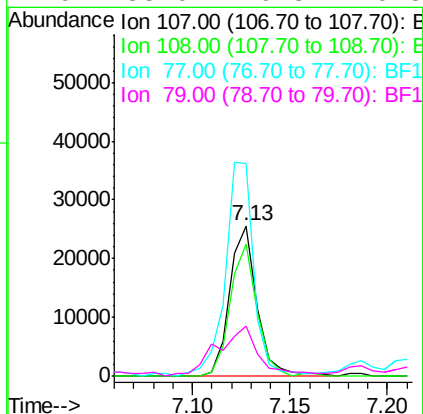
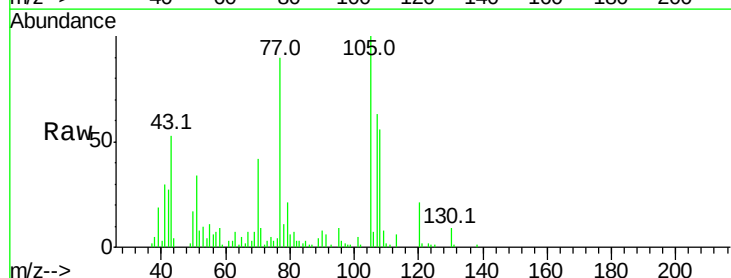
Instrument :
BNA_F
ClientSampleId :
HD-01-011518MS

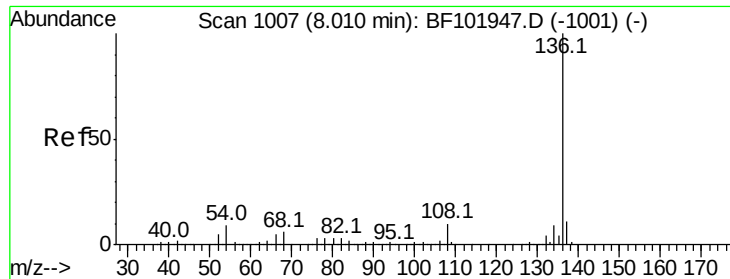
Tot Ion: 70 Resp: 18932
Ion Ratio Lower Upper
70 100
42 73.6 47.5 71.3#
101 8.2 7.4 11.2
130 22.4 16.6 25.0



#20
3+4-Methylphenols
Concen: 2.230 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF102125.D
Acq: 16 Jan 2018 22:23

Tgt Ion: 107 Resp: 24844
Ion Ratio Lower Upper
107 100
108 87.8 68.2 108.2
77 141.5 26.7 66.7#
79 33.0 6.3 46.3

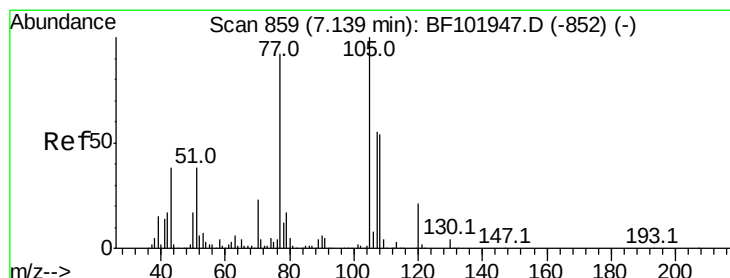
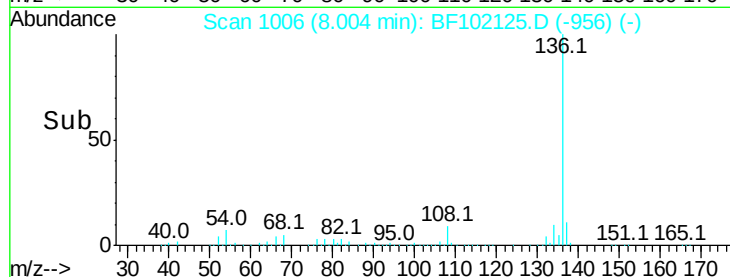
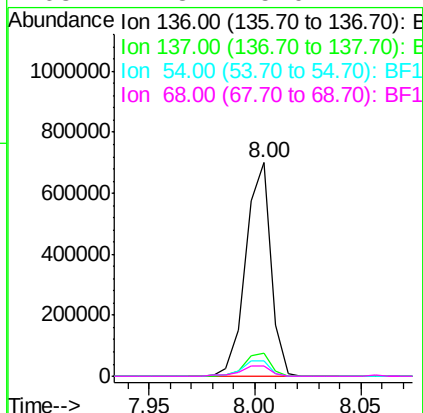
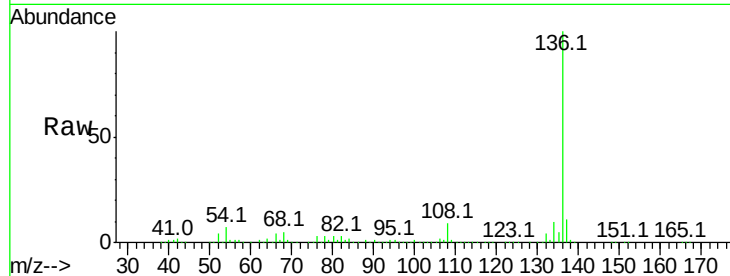




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF102125.D
Acq: 16 Jan 2018 22:23

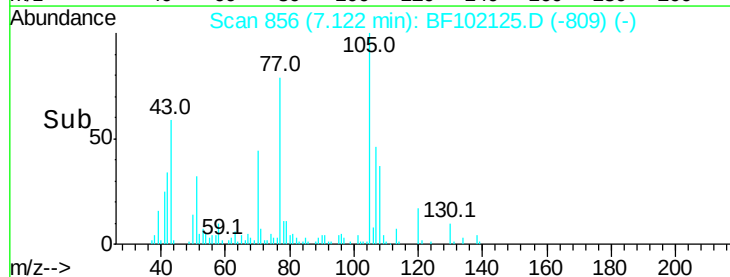
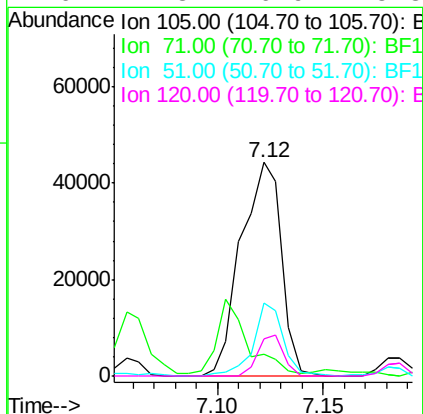
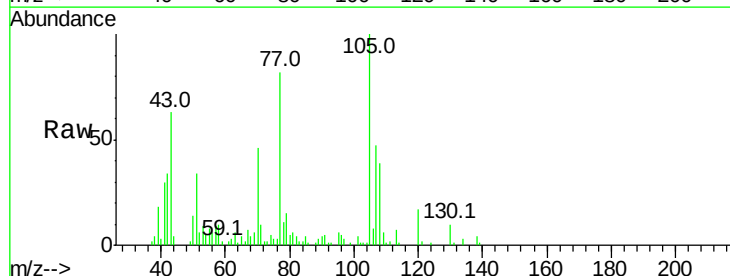
Instrument :
BNA_F
ClientSampleId :
HD-01-011518MS

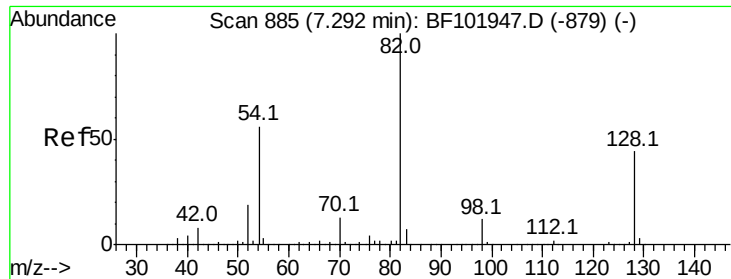
Tot Ion:136	Resp:	576728	
Ion Ratio	Lower	Upper	
136 100			
137 10.9	8.9	13.3	
54 7.2	6.6	9.8	
68 4.8	5.0	7.4#	



#22
Acetophenone
Concen: 4.228 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.02 min
Lab File: BF102125.D
Acq: 16 Jan 2018 22:23

Tgt	Ion:105	Resp:	58757
Ion	Ratio	Lower	Upper
105	100		
71	10.2	4.4	6.6#
51	34.0	22.3	33.5#
120	17.3	16.9	25.3

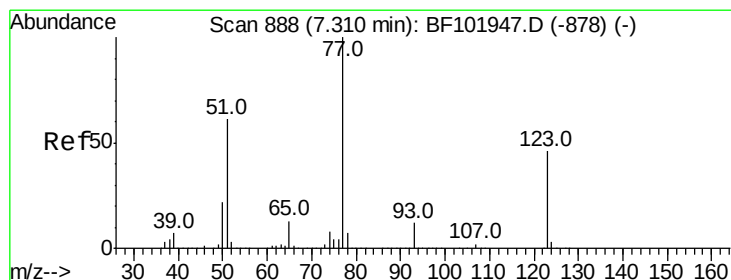
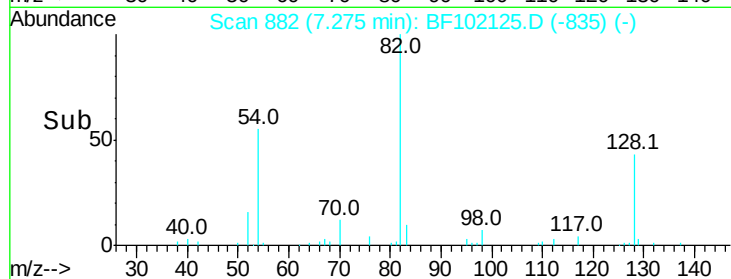
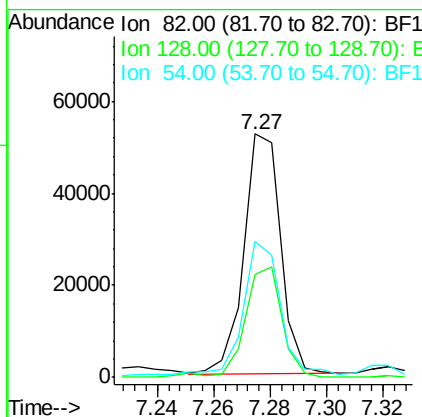
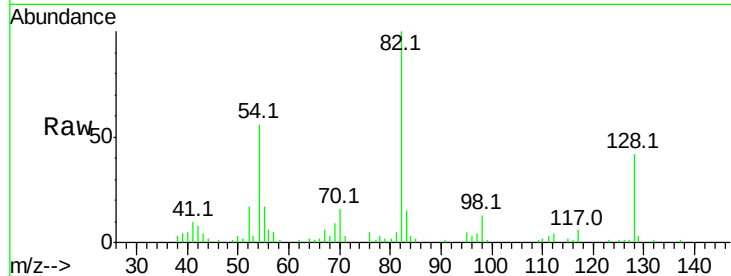




#23
 Nitrobenzene-d5
 Concen: 4.834 ng
 RT: 7.27 min Scan# 882
 Delta R.T. -0.02 min
 Lab File: BF102125.D
 Acq: 16 Jan 2018 22:23

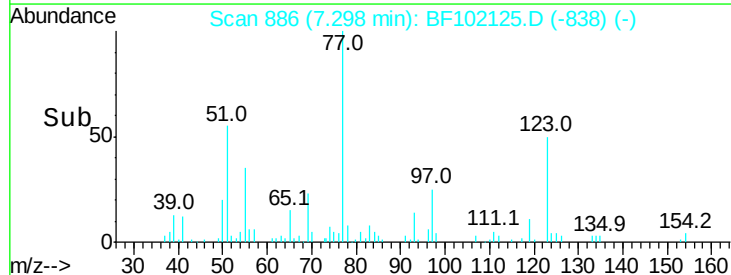
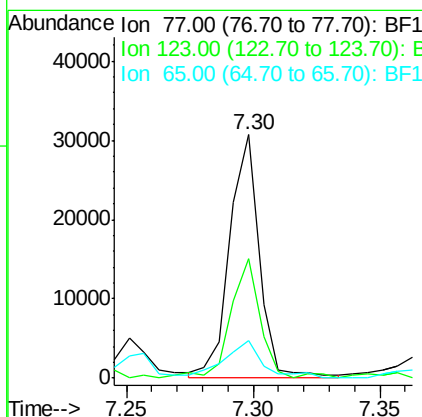
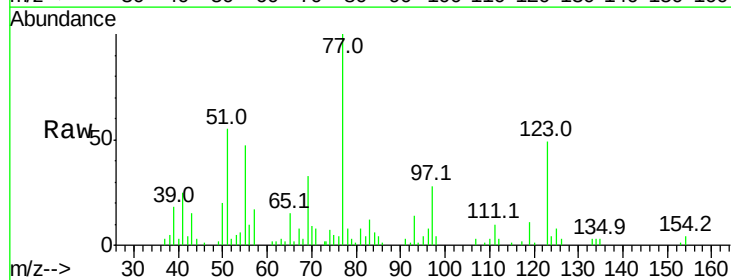
Instrument :
 BNA_F
 ClientSampleId :
 HD-01-011518MS

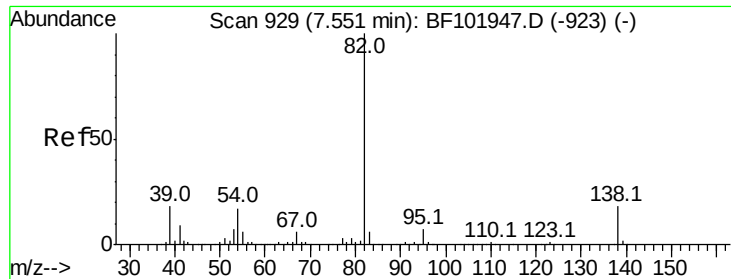
Tot Ion: 82 Resp: 47438
 Ion Ratio Lower Upper
 82 100
 128 42.2 36.1 54.1
 54 55.8 41.4 62.2



#24
 Nitrobenzene
 Concen: 2.384 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.02 min
 Lab File: BF102125.D
 Acq: 16 Jan 2018 22:23

Tgt Ion: 77 Resp: 25139
 Ion Ratio Lower Upper
 77 100
 123 49.2 37.9 56.9
 65 15.2 11.0 16.4





#25

Isophorone

Concen: 2.567 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.02 min

Lab File: BF102125.D

Acq: 16 Jan 2018 22:23

Instrument :

BNA_F

ClientSampleId :

HD-01-011518MS

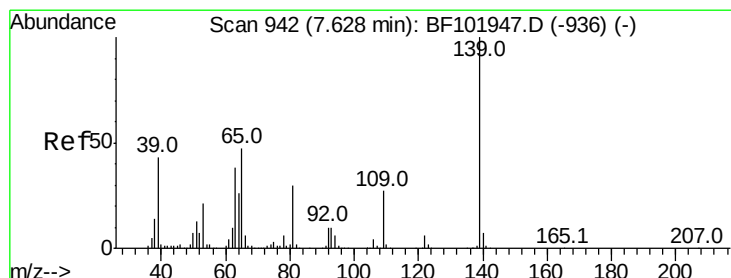
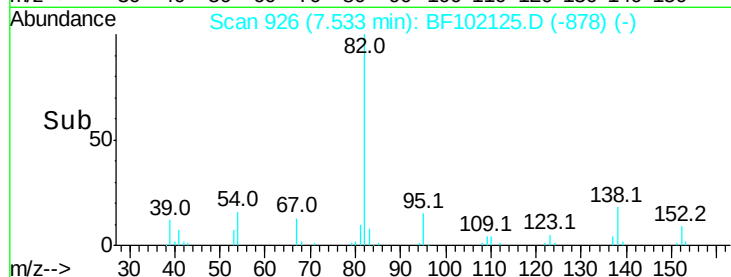
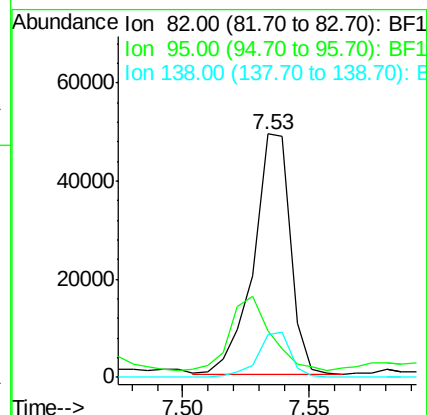
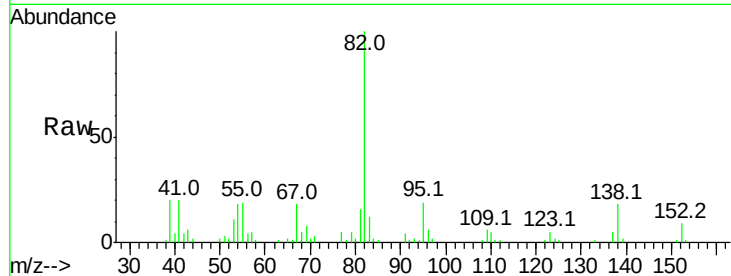
Tot Ion: 82 Resp: 49783

Ion Ratio Lower Upper

82 100

95 18.9 5.2 7.8#

138 17.7 14.9 22.3



#26

2-Nitrophenol

Concen: 2.598 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF102125.D

Acq: 16 Jan 2018 22:23

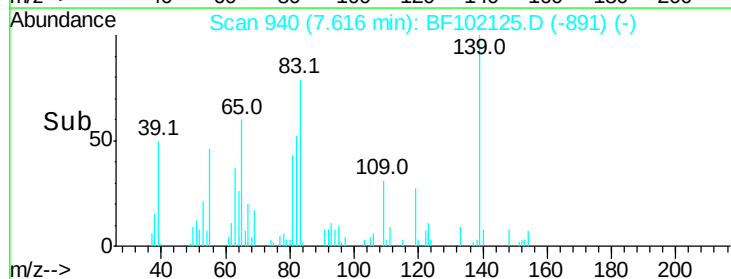
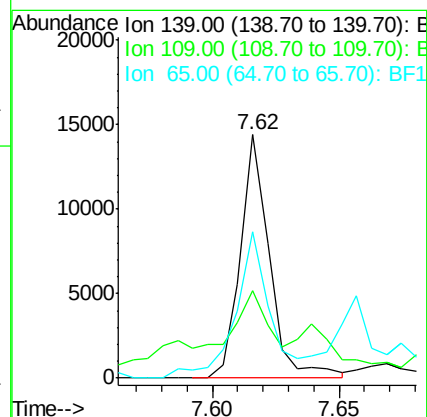
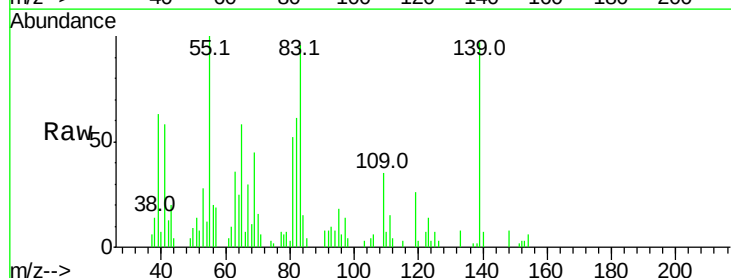
Tgt Ion: 139 Resp: 11467

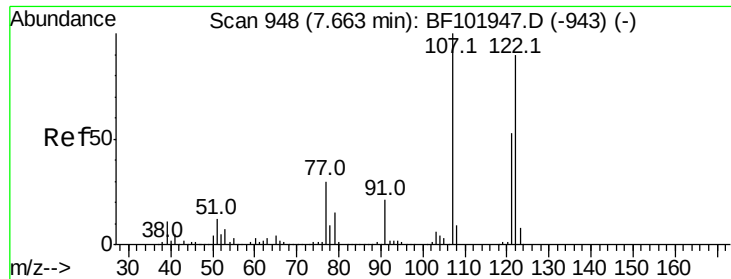
Ion Ratio Lower Upper

139 100

109 35.9 22.7 34.1#

65 60.1 40.5 60.7

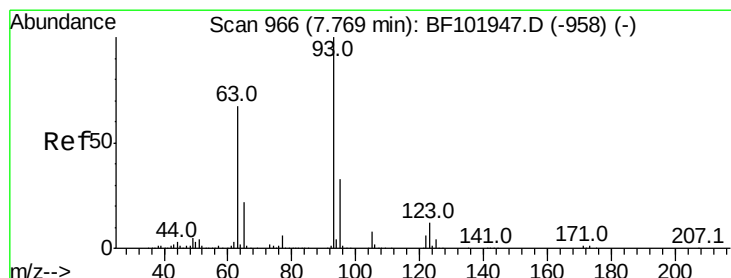
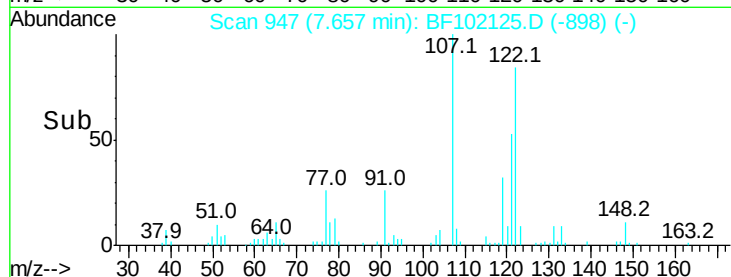
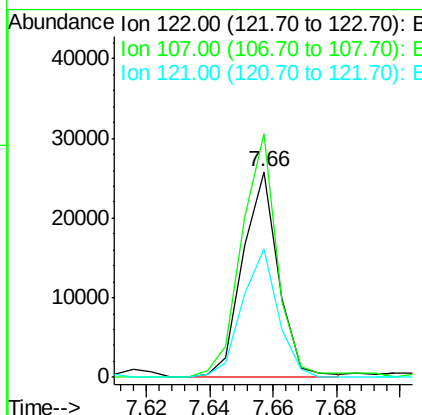
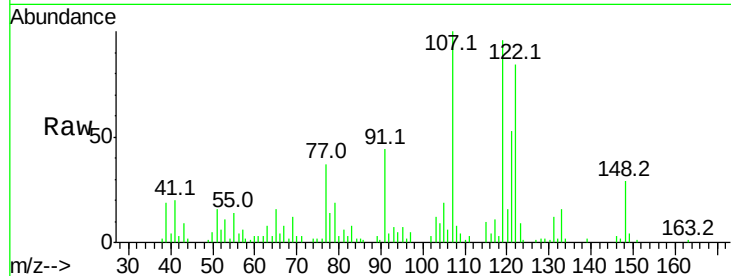




#27
2,4-Dimethylphenol
Concen: 2.450 ng
RT: 7.66 min Scan# 947
Delta R.T. -0.01 min
Lab File: BF102125.D
Acq: 16 Jan 2018 22:23

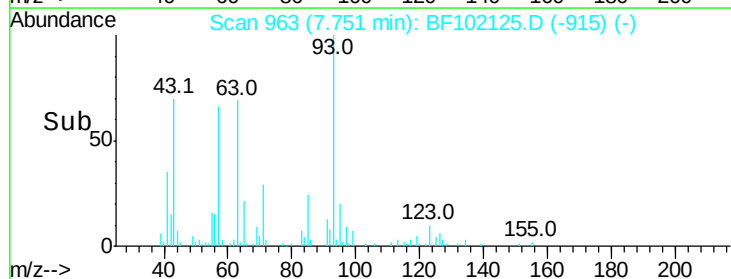
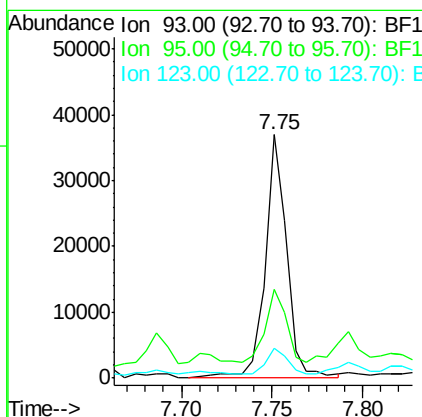
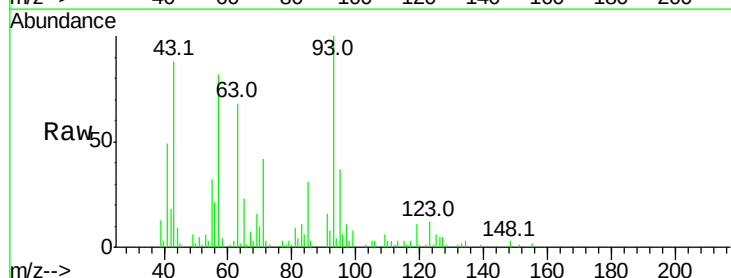
Instrument :
BNA_F
ClientSampleId :
HD-01-011518MS

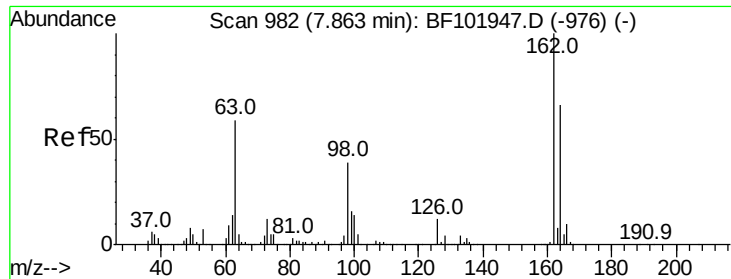
Tot Ion:122 Resp: 20197
Ion Ratio Lower Upper
122 100
107 118.4 91.2 136.8
121 62.2 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 2.625 ng
RT: 7.75 min Scan# 963
Delta R.T. -0.02 min
Lab File: BF102125.D
Acq: 16 Jan 2018 22:23

Tgt Ion: 93 Resp: 30738
Ion Ratio Lower Upper
93 100
95 36.7 26.3 39.5
123 12.3 9.8 14.6





#29

2,4-Dichlorophenol

Concen: 2.174 ng

RT: 7.86 min Scan# 981

Delta R.T. -0.01 min

Lab File: BF102125.D

Acq: 16 Jan 2018 22:23

Instrument :

BNA_F

ClientSampleId :

HD-01-011518MS

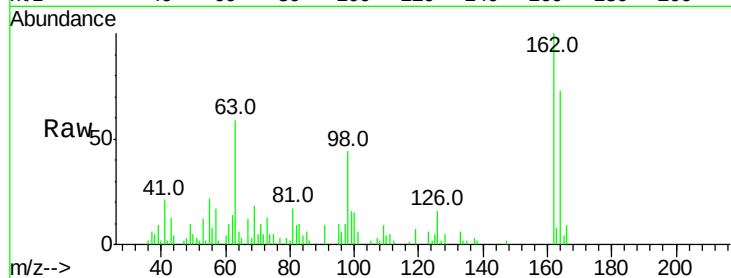
Tot Ion:162 Resp: 17020

Ion Ratio Lower Upper

162 100

164 73.3 42.7 82.7

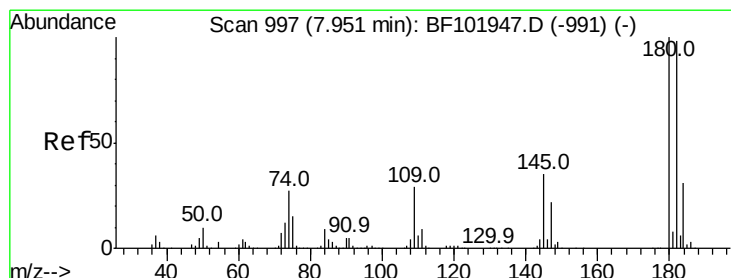
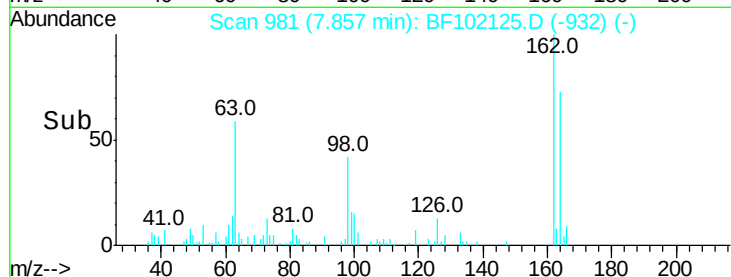
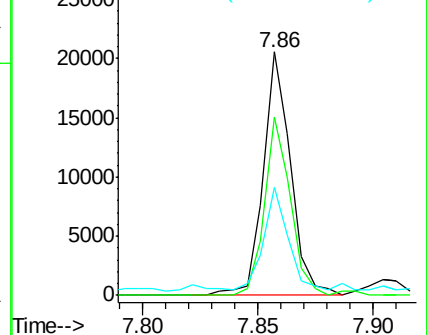
98 44.3 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 2.358 ng

RT: 7.94 min Scan# 995

Delta R.T. -0.01 min

Lab File: BF102125.D

Acq: 16 Jan 2018 22:23

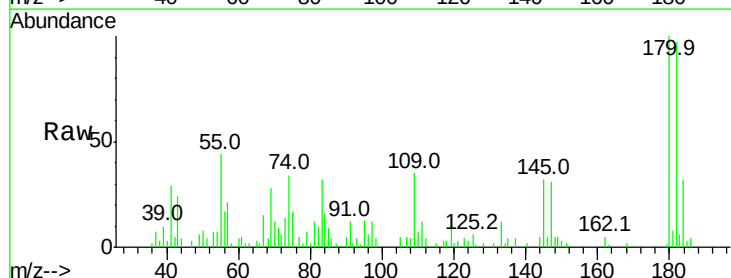
Tgt Ion:180 Resp: 19308

Ion Ratio Lower Upper

180 100

182 96.5 76.8 115.2

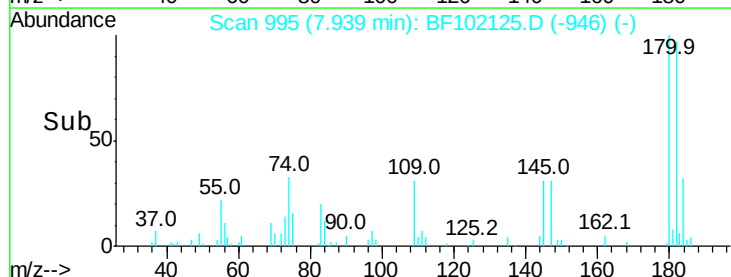
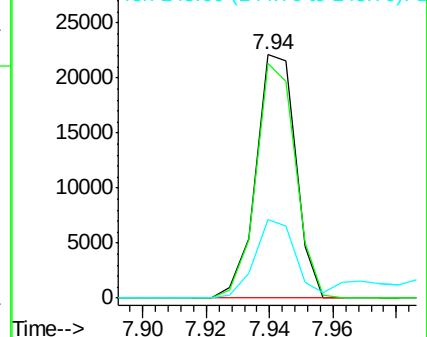
145 32.5 26.5 39.7

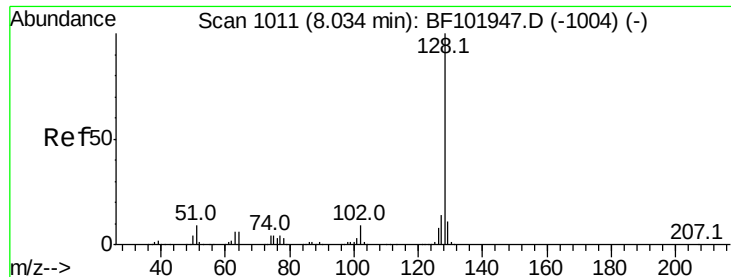


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

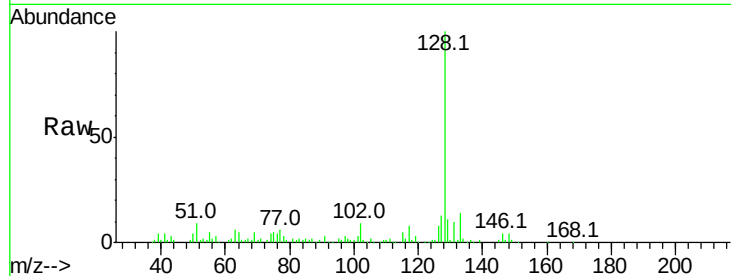




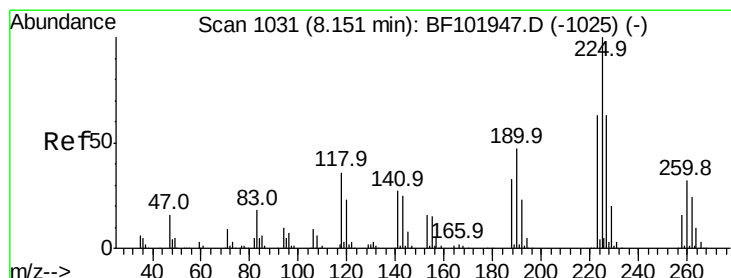
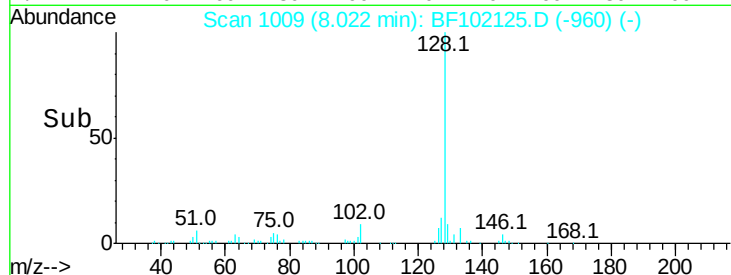
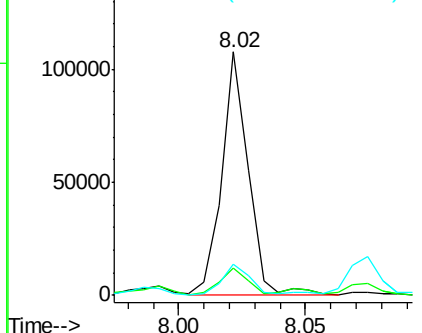
#31
Naphthalene
Concen: 2.679 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF102125.D
Acq: 16 Jan 2018 22:23

Instrument :
BNA_F
ClientSampleId :
HD-01-011518MS

Tot Ion:128 Resp: 77197
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 12.6 10.9 16.3

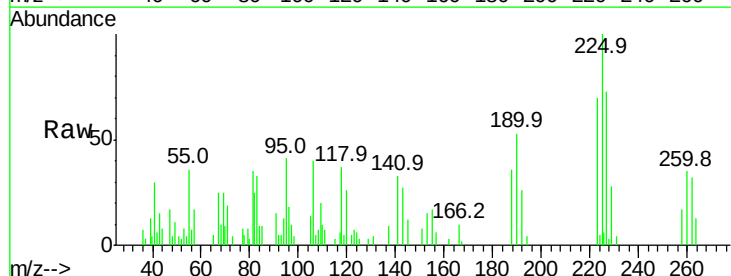


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

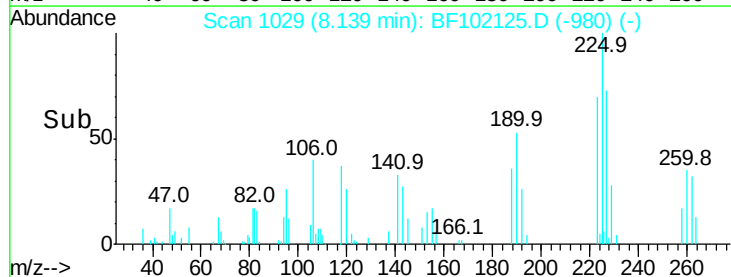
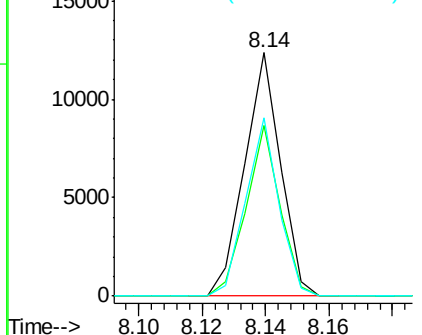


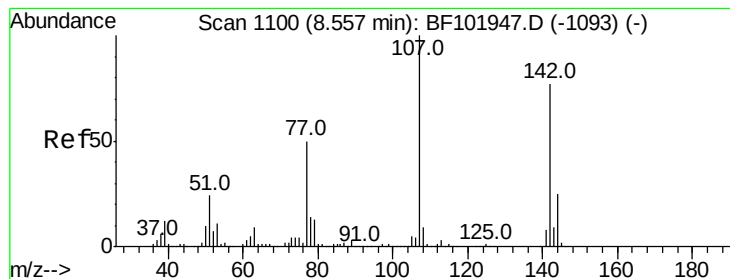
#34
Hexachlorobutadiene
Concen: 2.243 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF102125.D
Acq: 16 Jan 2018 22:23

Tgt Ion:225 Resp: 9721
Ion Ratio Lower Upper
225 100
223 70.0 50.6 76.0
227 73.0 51.9 77.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#36

4-Chloro-3-methylphenol

Concen: 2.541 ng

RT: 8.55 min Scan# 1099

Delta R.T. -0.01 min

Lab File: BF102125.D

Acq: 16 Jan 2018 22:23

Instrument :

BNA_F

ClientSampleId :

HD-01-011518MS

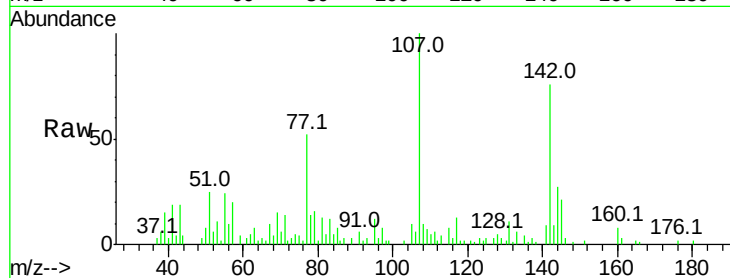
Tot Ion:107 Resp: 21774

Ion Ratio Lower Upper

107 100

144 26.6 20.5 30.7

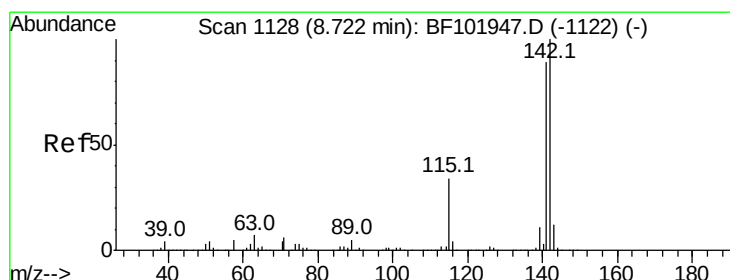
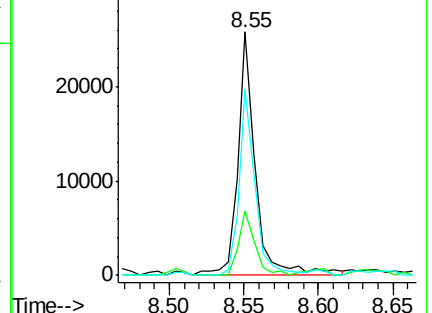
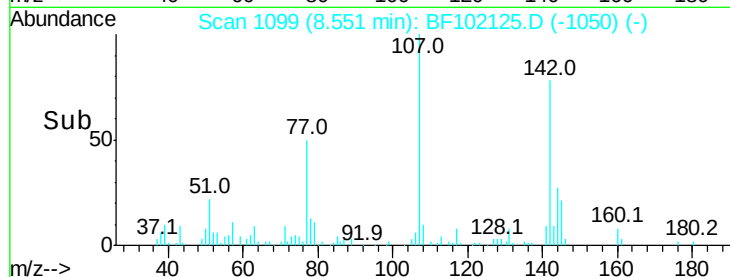
142 76.5 62.0 93.0



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#37

2-Methylnaphthalene

Concen: 3.300 ng

RT: 8.72 min Scan# 1127

Delta R.T. -0.01 min

Lab File: BF102125.D

Acq: 16 Jan 2018 22:23

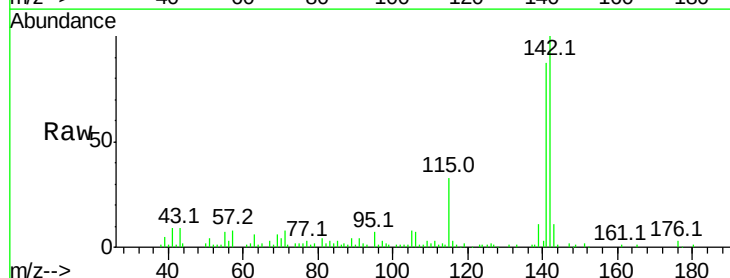
Tgt Ion:142 Resp: 62614

Ion Ratio Lower Upper

142 100

141 86.5 70.8 106.2

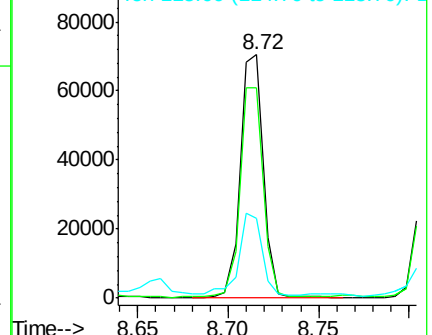
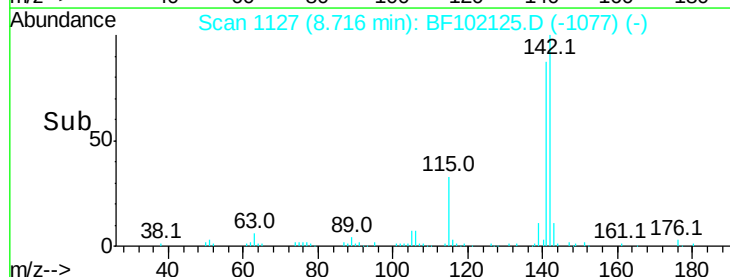
115 32.8 26.1 39.1

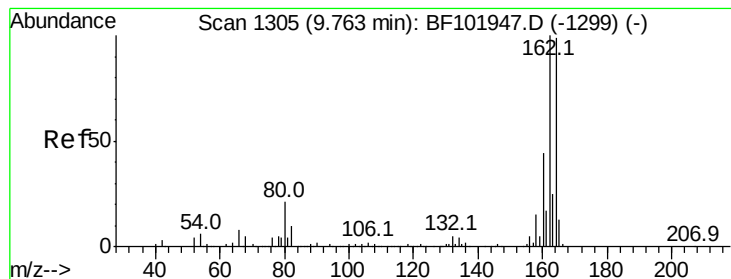


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF102125.D

Acq: 16 Jan 2018 22:23

Instrument :

BNA_F

ClientSampleId :

HD-01-011518MS

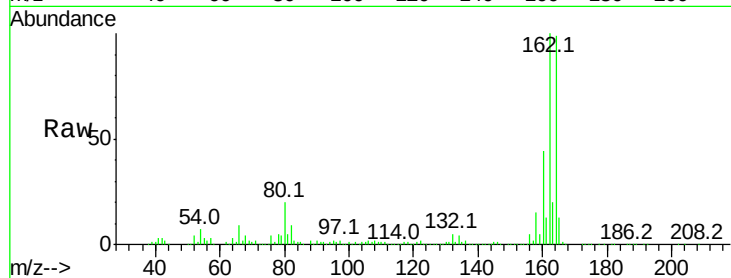
Tot Ion:164 Resp: 252505

Ion Ratio Lower Upper

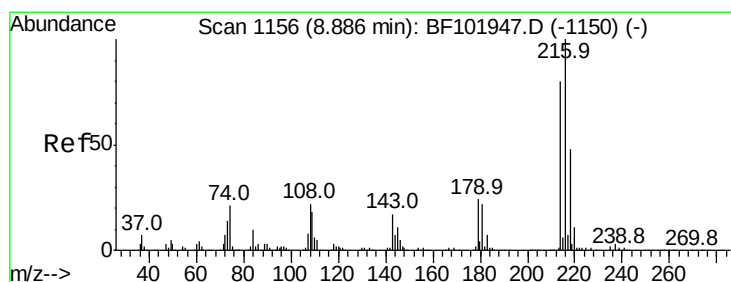
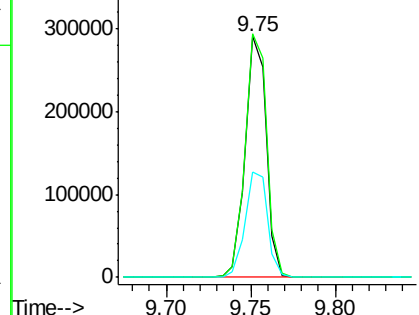
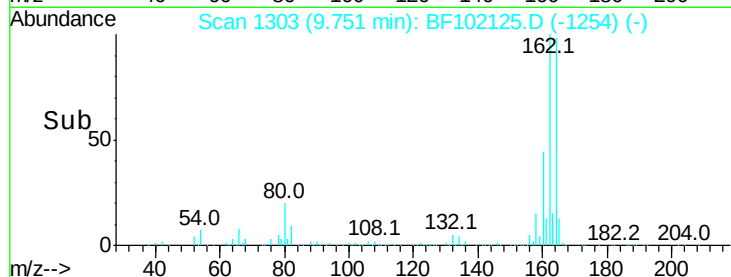
164 100

162 101.1 86.1 129.1

160 44.0 38.3 57.5



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



#39

1,2,4,5-Tetrachlorobenzene

Concen: 2.502 ng

RT: 8.88 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BF102125.D

Acq: 16 Jan 2018 22:23

Tgt Ion:216 Resp: 17871

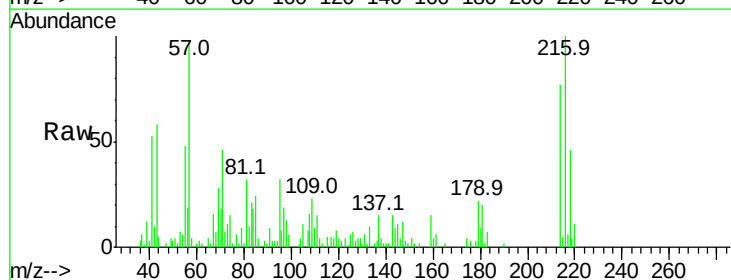
Ion Ratio Lower Upper

216 100

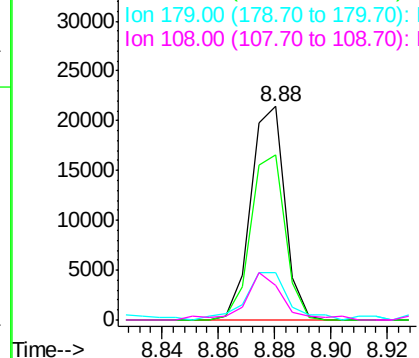
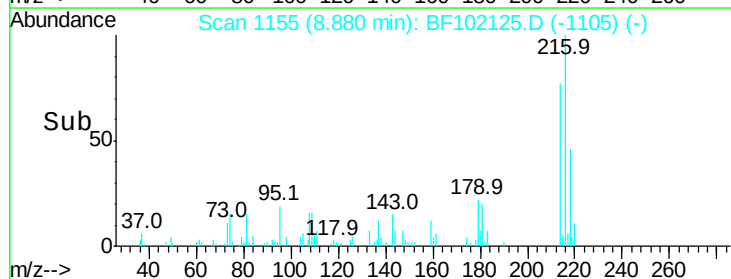
214 78.7 63.0 94.4

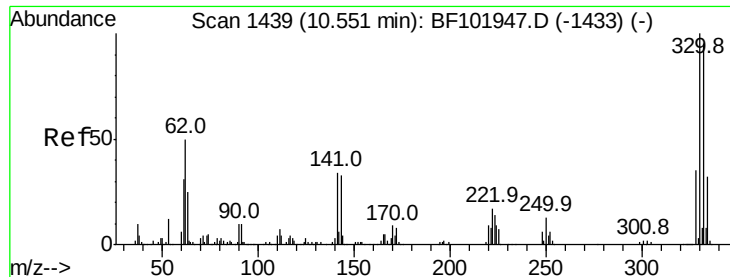
179 28.5 18.1 27.1#

108 24.4 17.2 25.8



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

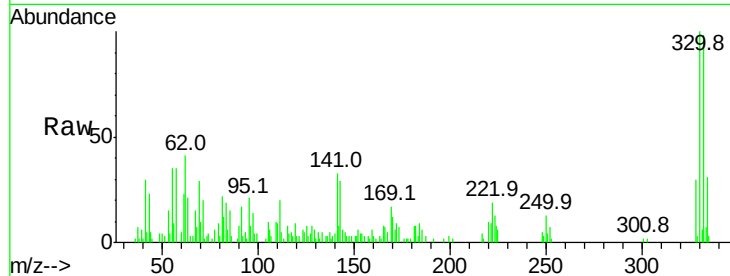




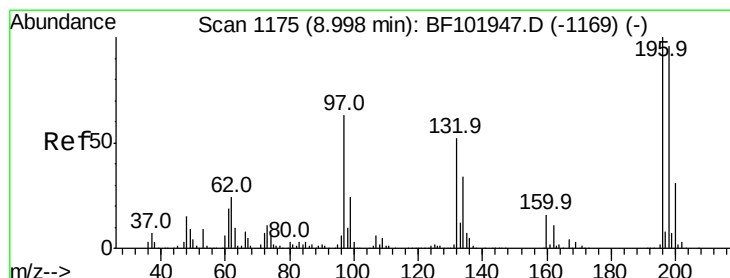
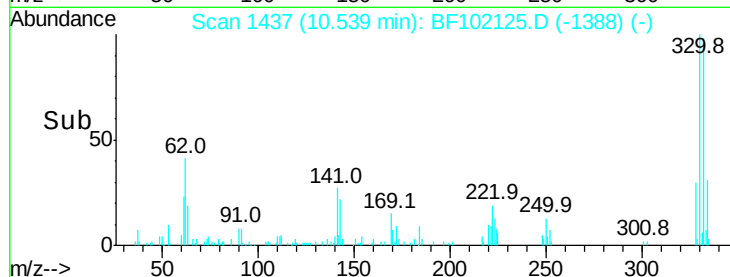
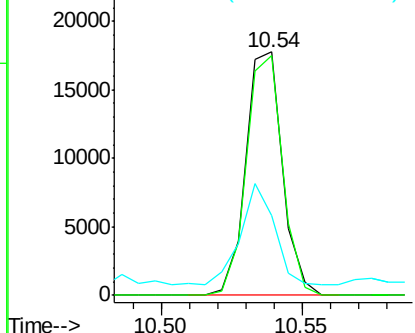
#41
 2,4,6-Tribromophenol
 Concen: 7.240 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF102125.D
 Acq: 16 Jan 2018 22:23

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-011518MS

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	38.6	29.9	44.9

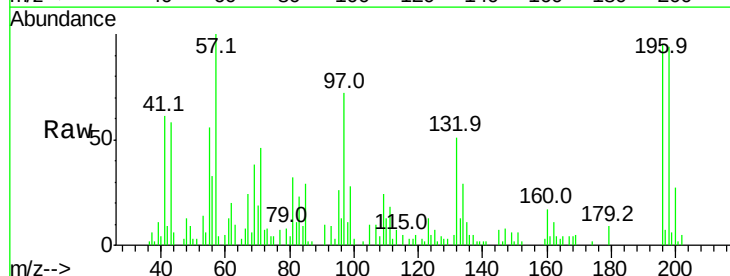


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

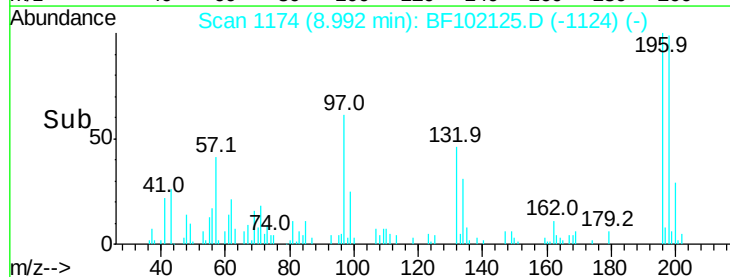
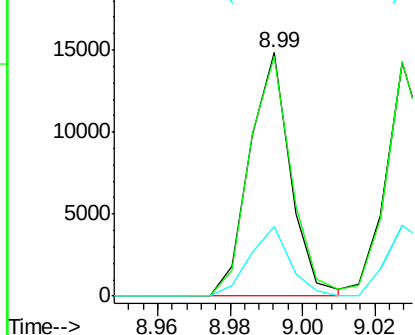


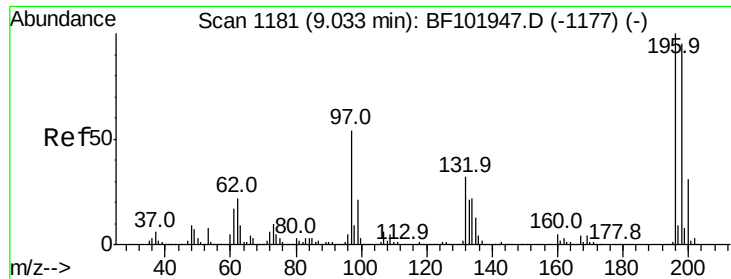
#42
 2,4,6-Trichlorophenol
 Concen: 2.351 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: BF102125.D
 Acq: 16 Jan 2018 22:23

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.7	75.7	113.5
200	28.6	24.5	36.7



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

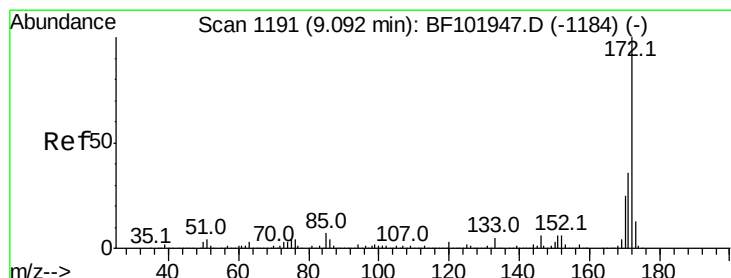
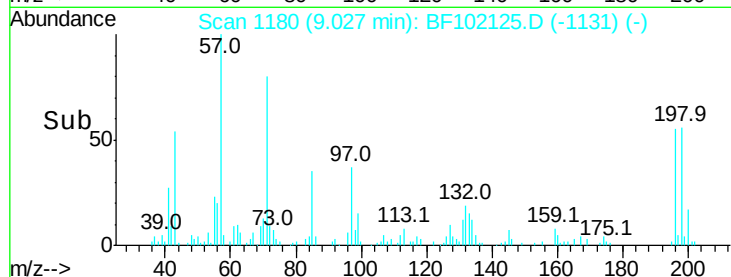
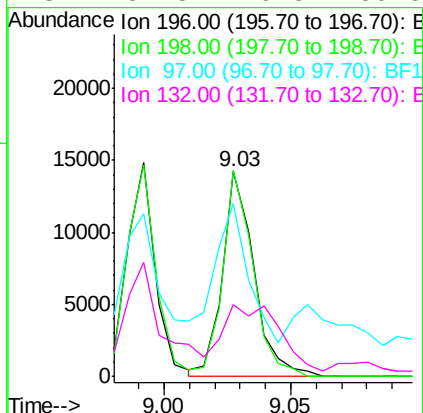
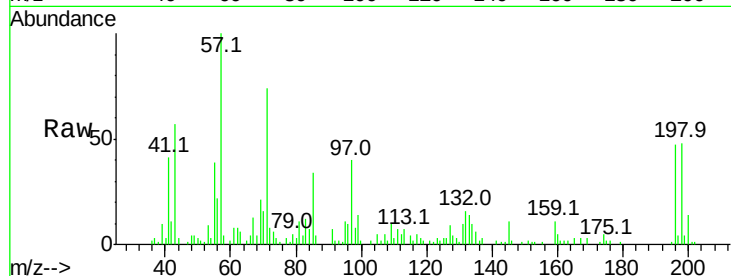




#43
 2,4,5-Trichlorophenol
 Concen: 2.213 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF102125.D
 Acq: 16 Jan 2018 22:23

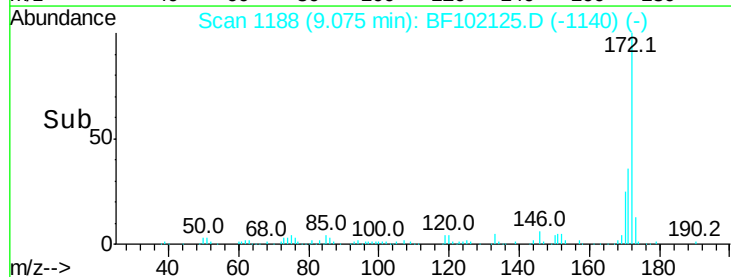
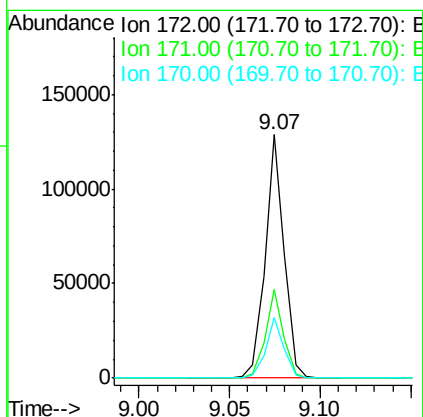
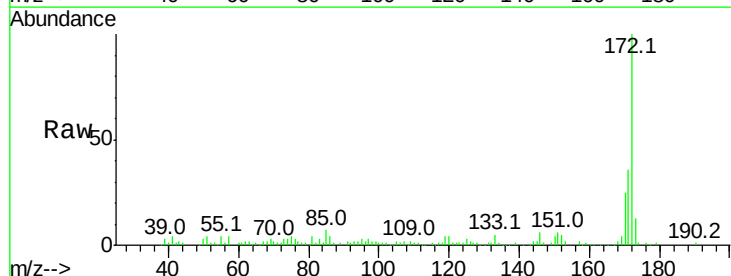
Instrument :
 BNA_F
 ClientSampleId :
 HD-01-011518MS

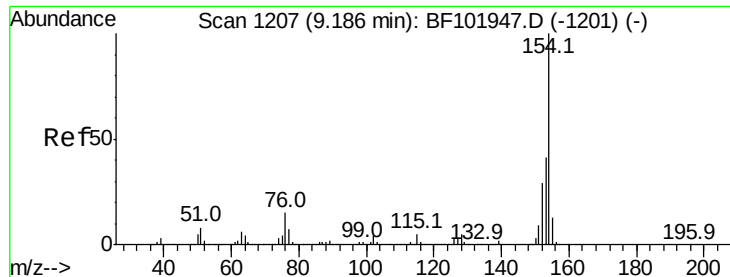
Tot Ion:	196	Resp:	12314
Ion	Ratio	Lower	Upper
196	100		
198	100.8	74.6	112.0
97	84.7	42.9	64.3#
132	34.8	26.3	39.5



#44
 2-Fluorobiphenyl
 Concen: 5.738 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.02 min
 Lab File: BF102125.D
 Acq: 16 Jan 2018 22:23

Tgt Ion:	172	Resp:	92742
Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.6	19.6	29.4





#45

1,1'-Biphenyl

Concen: 2.658 ng

RT: 9.17 min Scan# 1205

Delta R.T. -0.02 min

Lab File: BF102125.D

Acq: 16 Jan 2018 22:23

Instrument :

BNA_F

ClientSampleId :

HD-01-011518MS

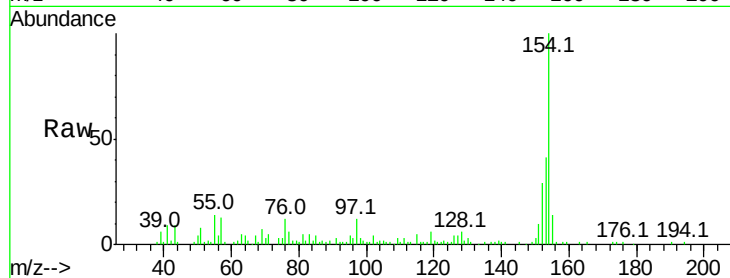
Tot Ion:154 Resp: 59316

Ion Ratio Lower Upper

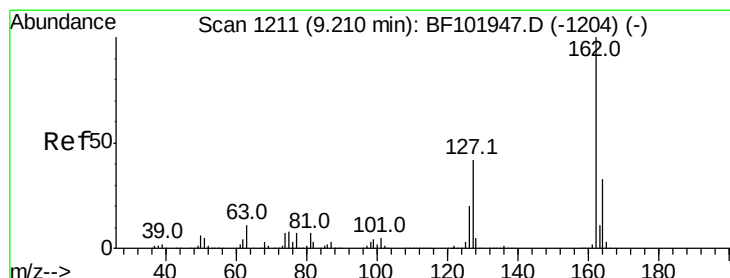
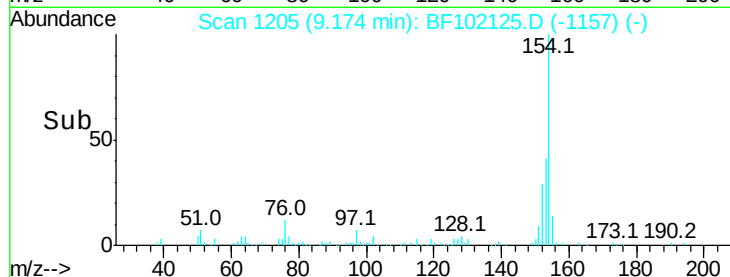
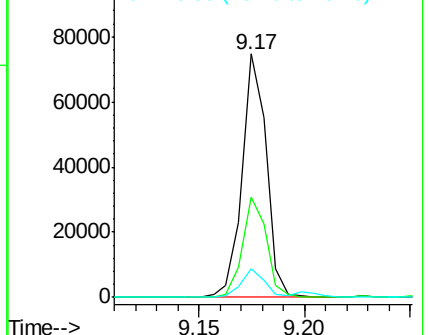
154 100

153 41.4 21.3 61.3

76 11.8 0.0 34.0



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



#46

2-Chloronaphthalene

Concen: 2.344 ng

RT: 9.20 min Scan# 1209

Delta R.T. -0.02 min

Lab File: BF102125.D

Acq: 16 Jan 2018 22:23

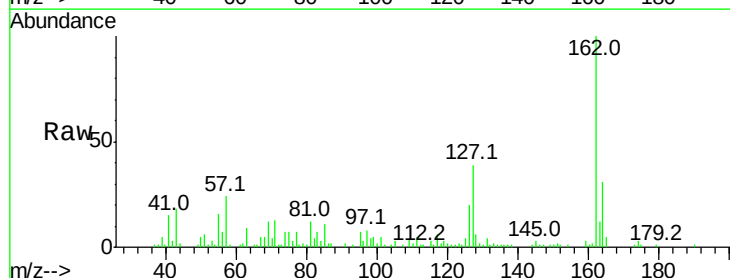
Tgt Ion:162 Resp: 40573

Ion Ratio Lower Upper

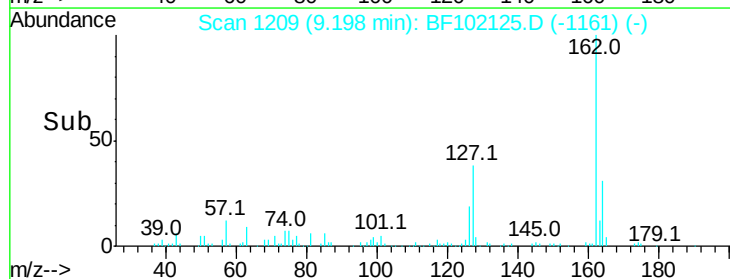
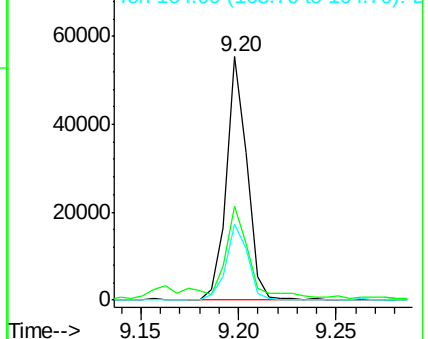
162 100

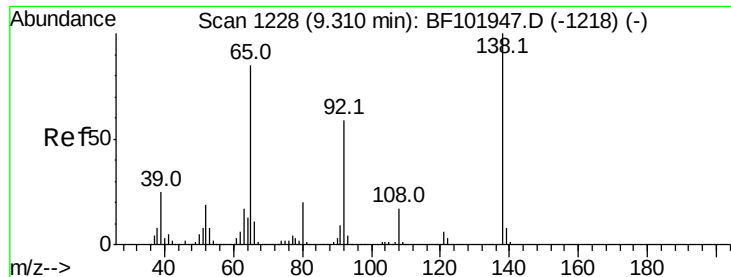
127 38.7 33.9 50.9

164 31.2 26.5 39.7



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





#47

2-Nitroaniline

Concen: 2.493 ng

RT: 9.30 min Scan# 1226

Delta R.T. -0.01 min

Lab File: BF102125.D

Acq: 16 Jan 2018 22:23

Instrument :

BNA_F

ClientSampleId :

HD-01-011518MS

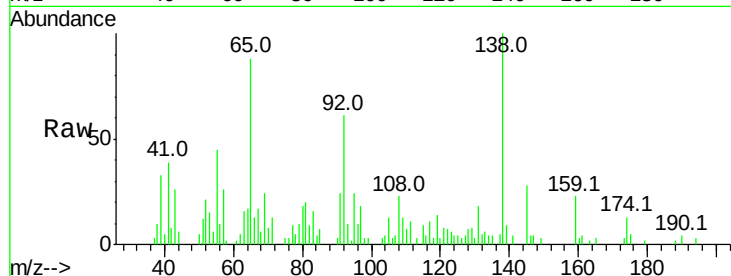
Tot Ion: 65 Resp: 12925

Ion Ratio Lower Upper

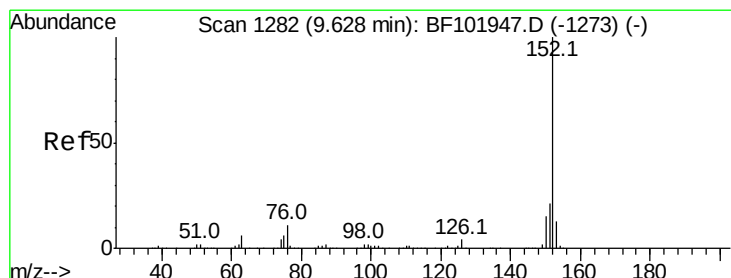
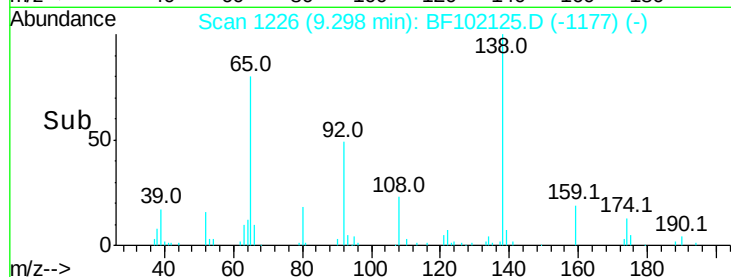
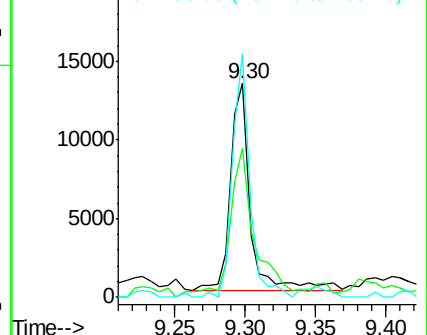
65 100

92 69.7 55.8 83.6

138 113.8 91.2 136.8



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): BF1



#48

Acenaphthylene

Concen: 2.508 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BF102125.D

Acq: 16 Jan 2018 22:23

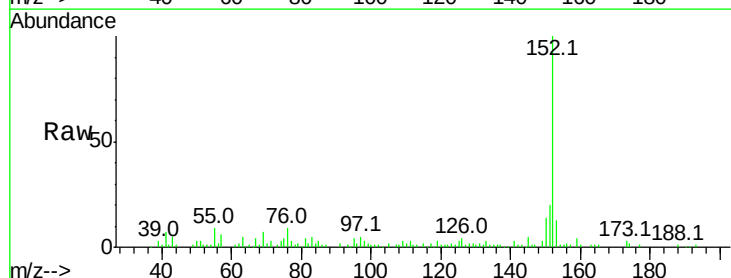
Tgt Ion: 152 Resp: 68890

Ion Ratio Lower Upper

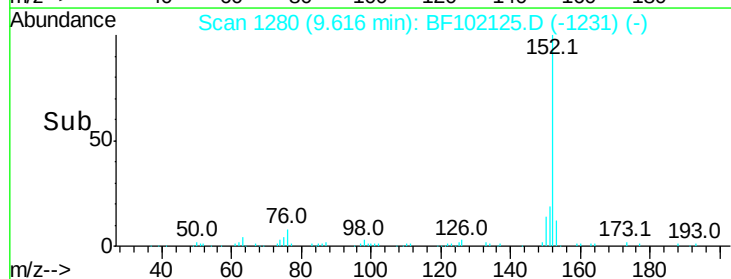
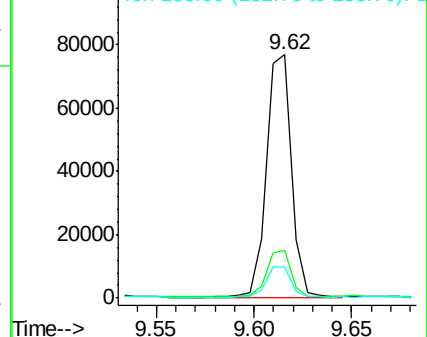
152 100

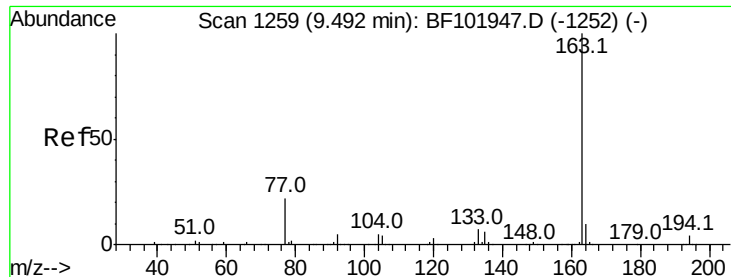
151 19.9 16.3 24.5

153 13.0 10.7 16.1



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





#49

Dimethylphthalate

Concen: 3.234 ng

RT: 9.47 min Scan# 1256

Delta R.T. -0.02 min

Lab File: BF102125.D

Acq: 16 Jan 2018 22:23

Instrument :

BNA_F

ClientSampleId :

HD-01-011518MS

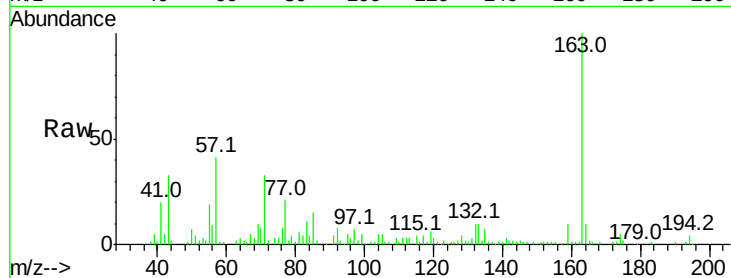
Tot Ion:163 Resp: 65508

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

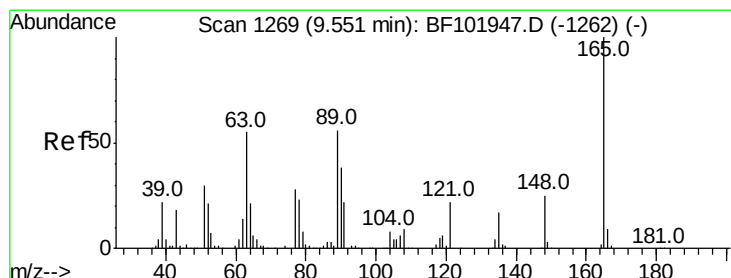
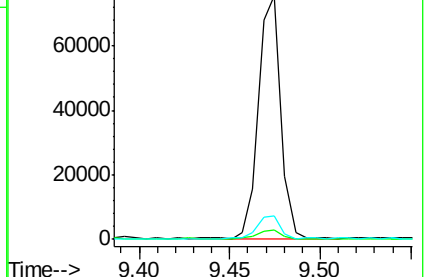
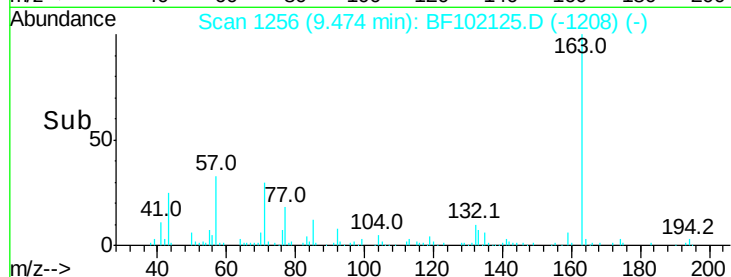
164 9.5 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 2.128 ng

RT: 9.53 min Scan# 1266

Delta R.T. -0.02 min

Lab File: BF102125.D

Acq: 16 Jan 2018 22:23

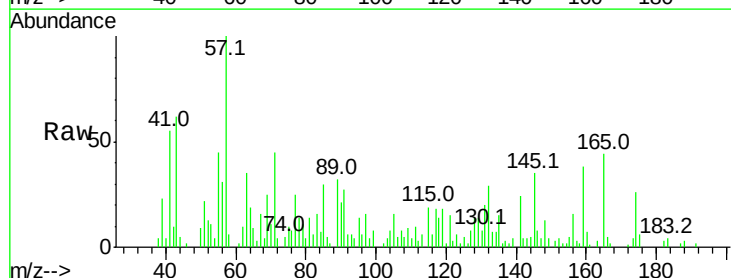
Tgt Ion:165 Resp: 8612

Ion Ratio Lower Upper

165 100

63 79.1 44.7 67.1#

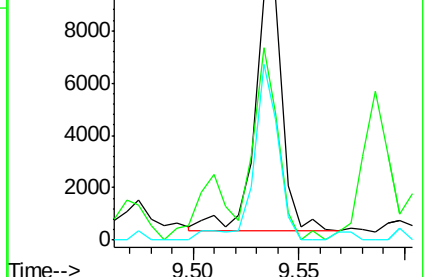
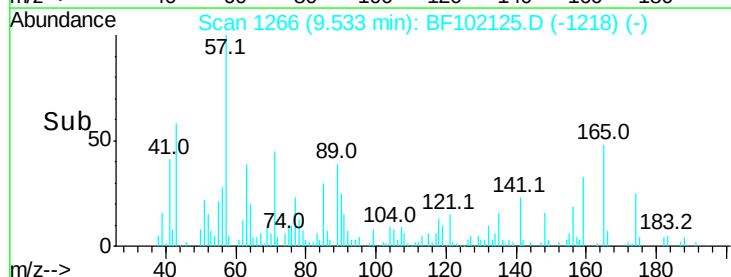
89 72.2 44.0 66.0#

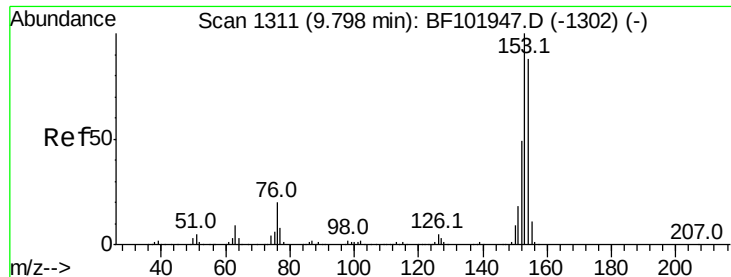


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 2.312 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF102125.D

Acq: 16 Jan 2018 22:23

Instrument :

BNA_F

ClientSampleId :

HD-01-011518MS

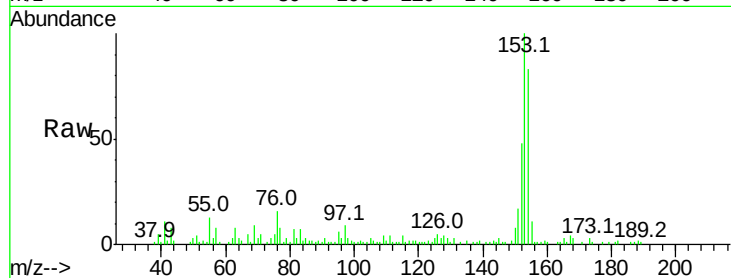
Tot Ion:154 Resp: 38537

Ion Ratio Lower Upper

154 100

153 120.2 91.2 136.8

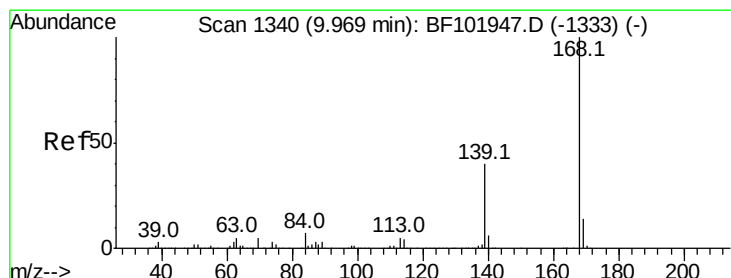
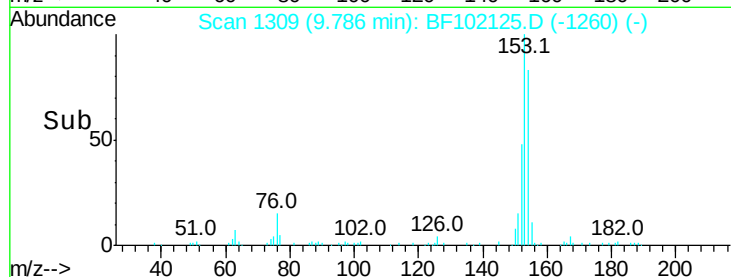
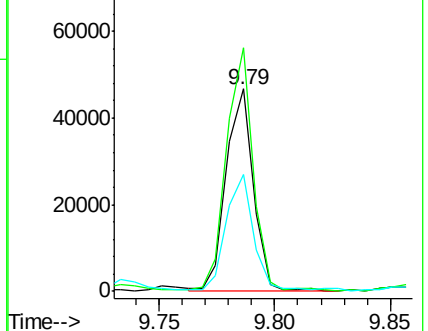
152 58.0 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#54

Dibenzofuran

Concen: 2.473 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF102125.D

Acq: 16 Jan 2018 22:23

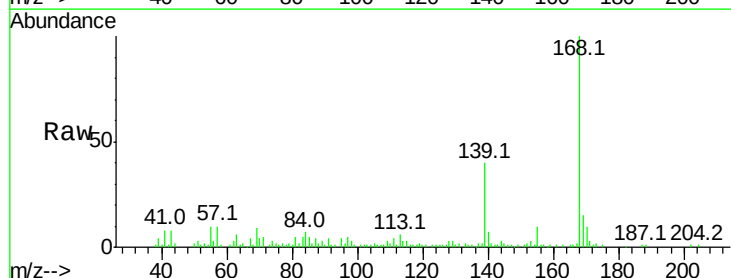
Tgt Ion:168 Resp: 56572

Ion Ratio Lower Upper

168 100

139 39.6 30.1 45.1

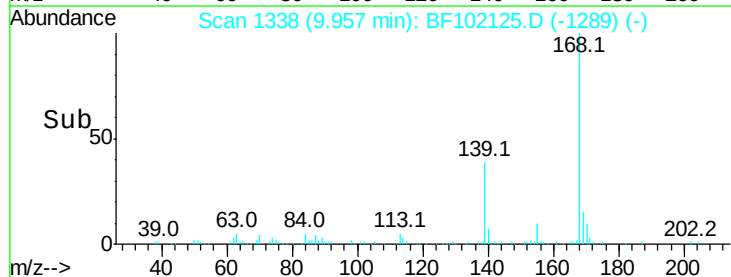
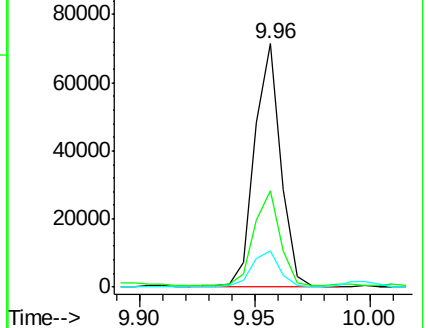
169 14.7 10.9 16.3

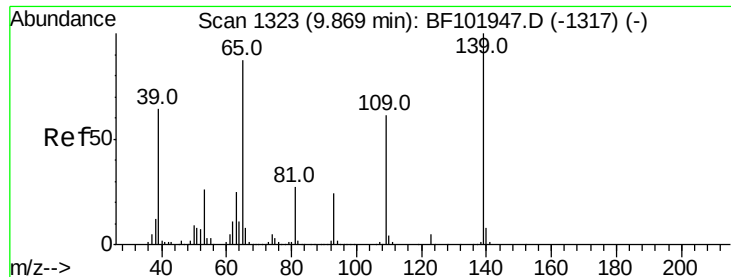


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

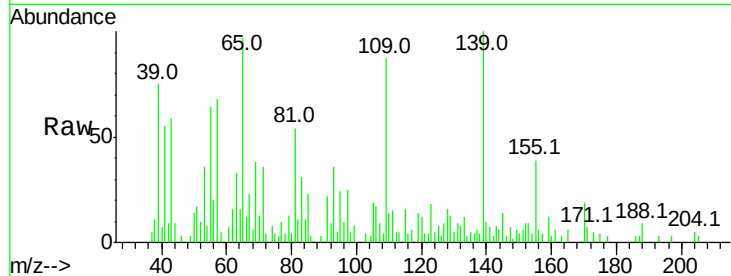




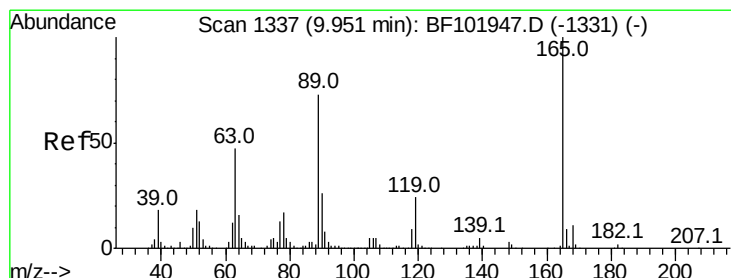
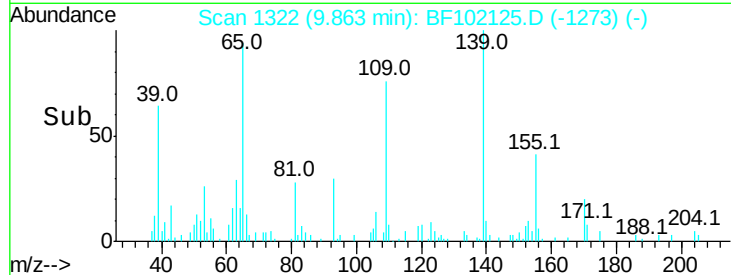
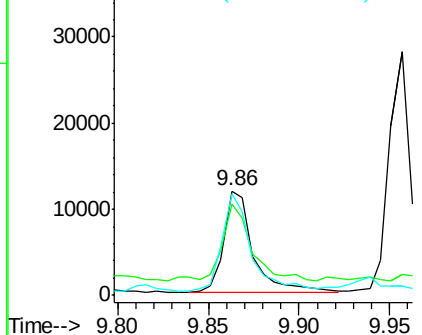
#55
4-Nitrophenol
Concen: 3.496 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF102125.D
Acq: 16 Jan 2018 22:23

Instrument :
BNA_F
ClientSampleId :
HD-01-011518MS

Tot Ion:139 Resp: 13303
Ion Ratio Lower Upper
139 100
109 87.2 48.4 88.4
65 97.4 72.6 112.6

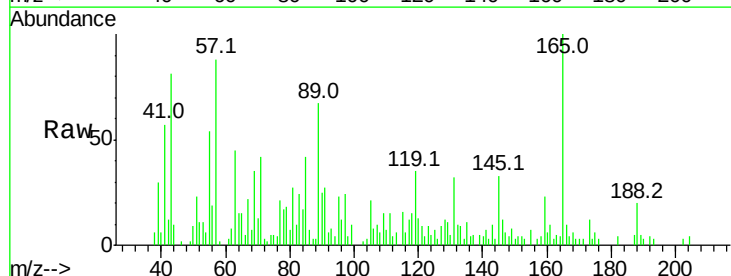


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

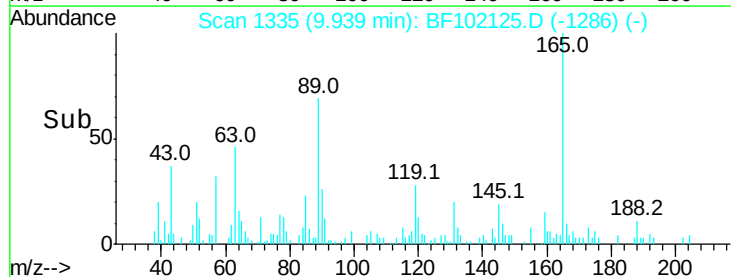
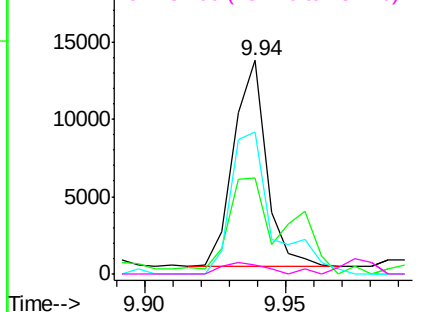


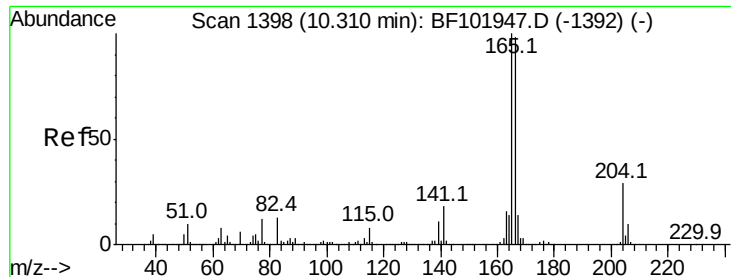
#56
2,4-Dinitrotoluene
Concen: 2.127 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF102125.D
Acq: 16 Jan 2018 22:23

Tgt Ion:165 Resp: 10785
Ion Ratio Lower Upper
165 100
63 44.7 36.4 54.6
89 66.7 57.8 86.6
182 4.1 1.6 2.4#



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

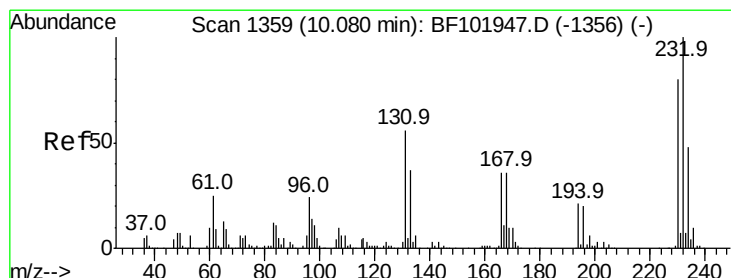
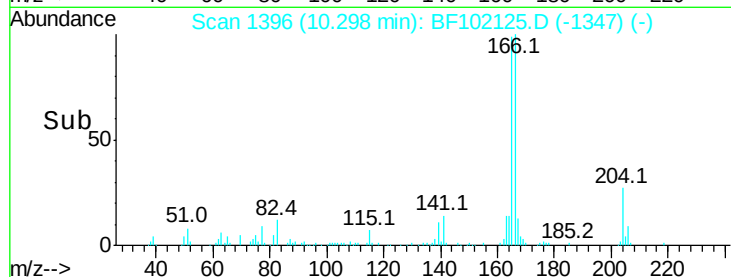
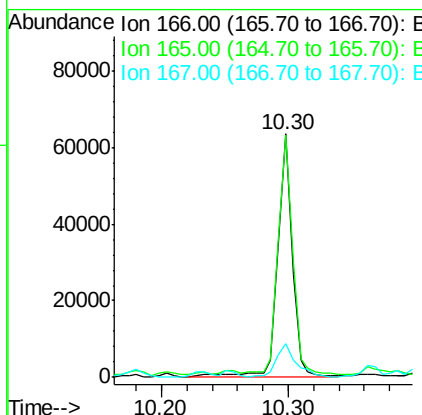
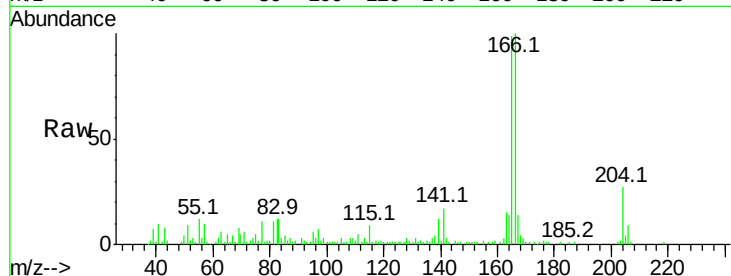




#57
Fluorene
 Concen: 3.253 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF102125.D
 Acq: 16 Jan 2018 22:23

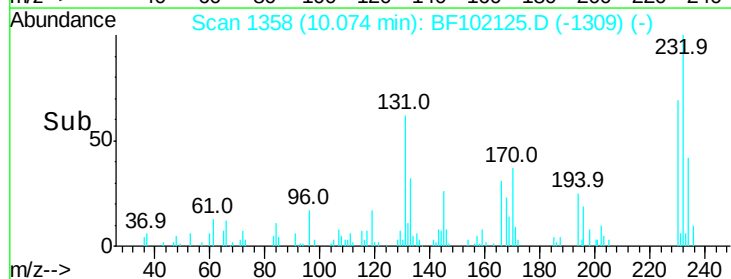
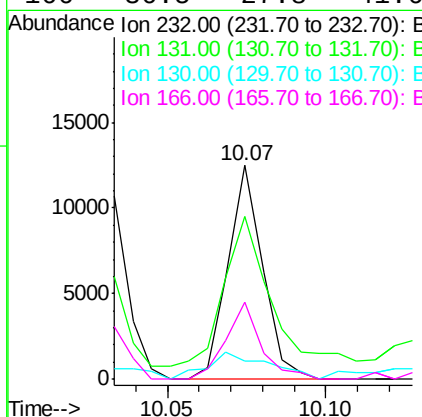
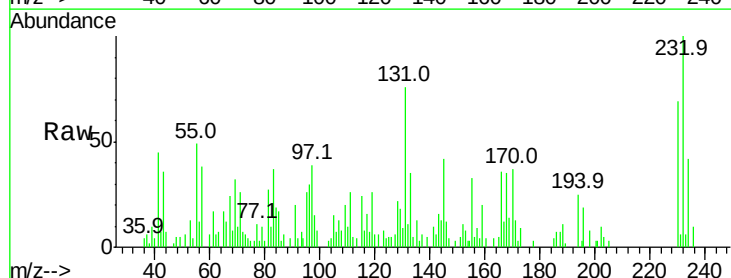
Instrument :
 BNA_F
 ClientSampleId :
 HD-01-011518MS

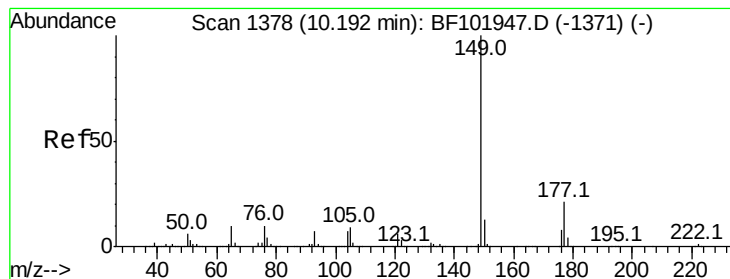
Tot Ion:166 Resp: 51444
 Ion Ratio Lower Upper
 166 100
 165 99.3 79.8 119.8
 167 13.8 10.6 16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 2.388 ng
 RT: 10.07 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: BF102125.D
 Acq: 16 Jan 2018 22:23

Tgt Ion:232 Resp: 9458
 Ion Ratio Lower Upper
 232 100
 131 93.4 43.8 65.8#
 130 21.9 2.1 3.1#
 166 36.5 27.8 41.6





#59

Diethylphthalate

Concen: 2.325 ng

RT: 10.17 min Scan# 1375

Delta R.T. -0.02 min

Lab File: BF102125.D

Acq: 16 Jan 2018 22:23

Instrument :

BNA_F

ClientSampleId :

HD-01-011518MS

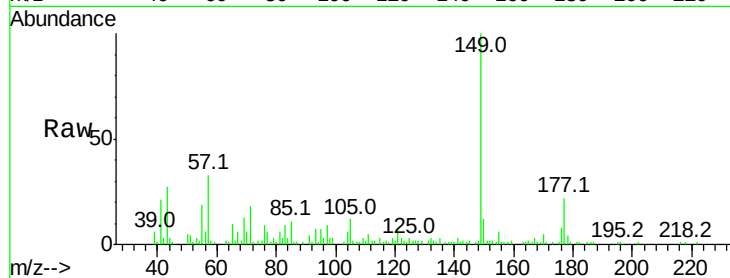
Tot Ion:149 Resp: 46838

Ion Ratio Lower Upper

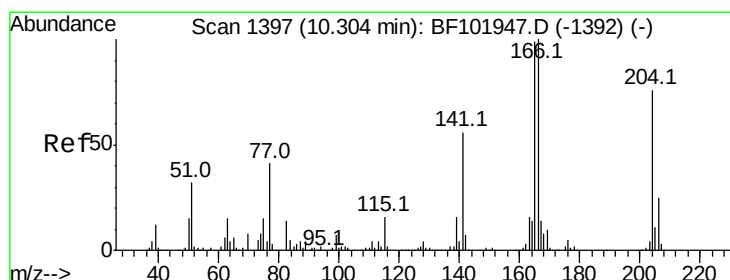
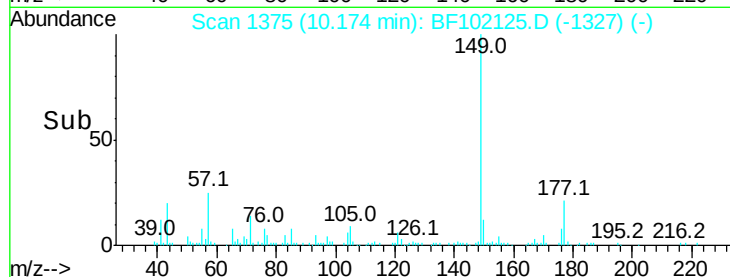
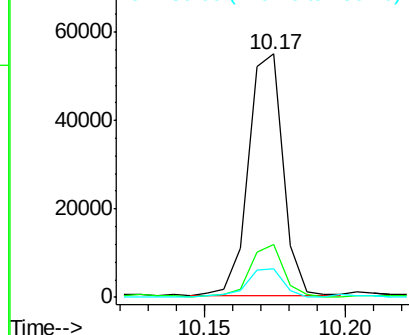
149 100

177 21.5 16.1 24.1

150 11.6 10.1 15.1



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



#60

4-Chlorophenyl-phenylether

Concen: 2.816 ng

RT: 10.29 min Scan# 1395

Delta R.T. -0.01 min

Lab File: BF102125.D

Acq: 16 Jan 2018 22:23

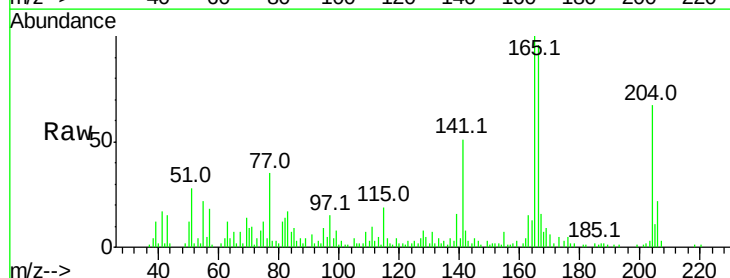
Tgt Ion:204 Resp: 18963

Ion Ratio Lower Upper

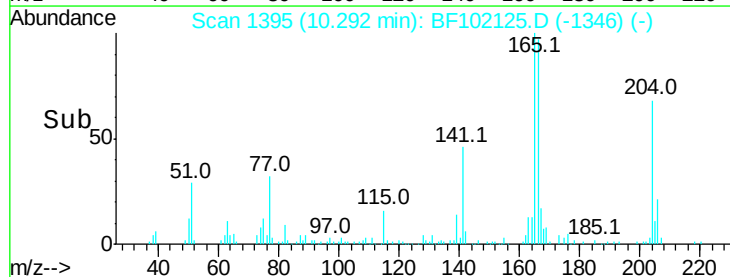
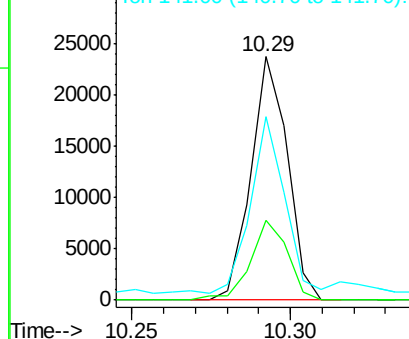
204 100

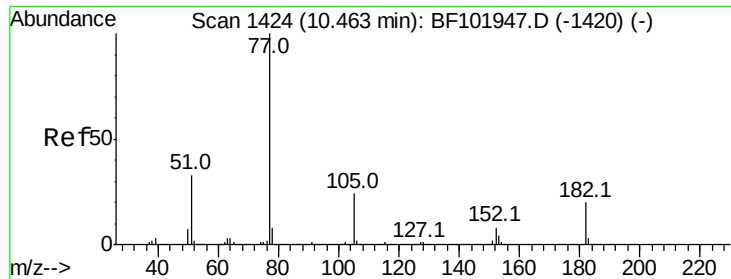
206 33.0 26.5 39.7

141 75.3 54.6 81.8



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

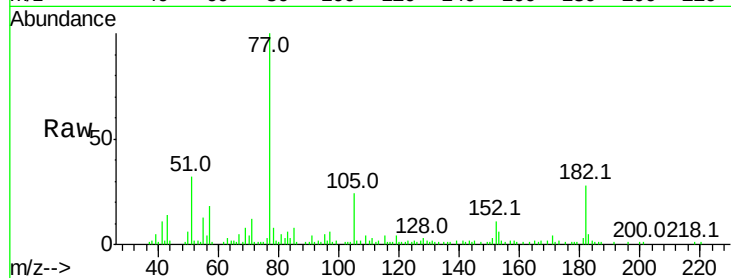




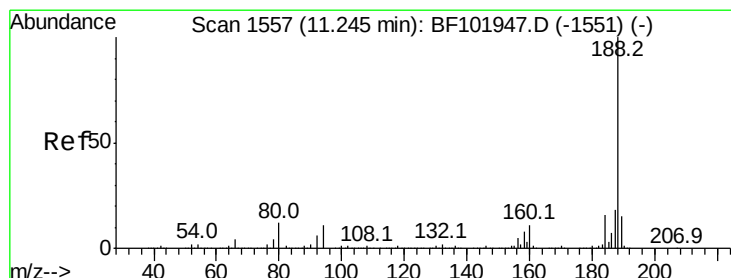
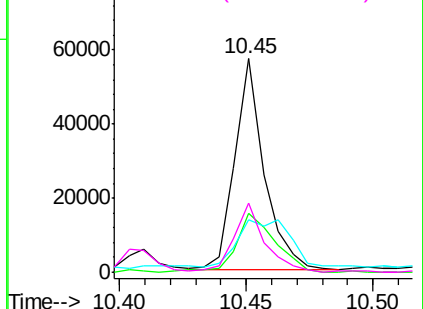
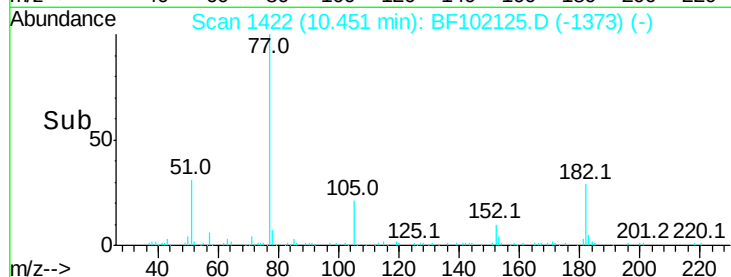
#62
Azobenzene
Concen: 2.266 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF102125.D
Acq: 16 Jan 2018 22:23

Instrument :
BNA_F
ClientSampleId :
HD-01-011518MS

Tot Ion: 77 Resp: 45421
Ion Ratio Lower Upper
77 100
182 27.8 1.7 41.7
105 24.4 3.0 43.0
51 32.1 9.9 49.9

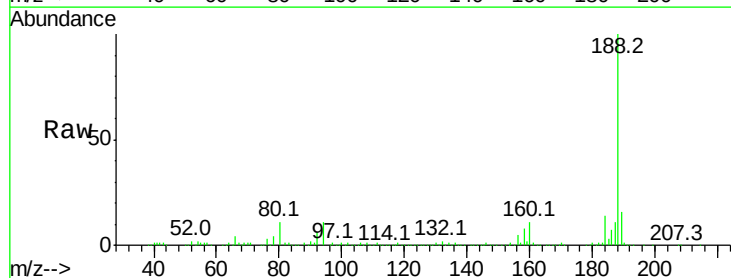


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

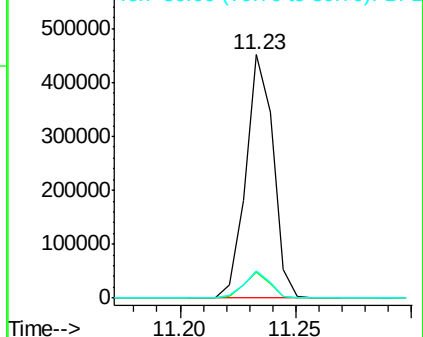
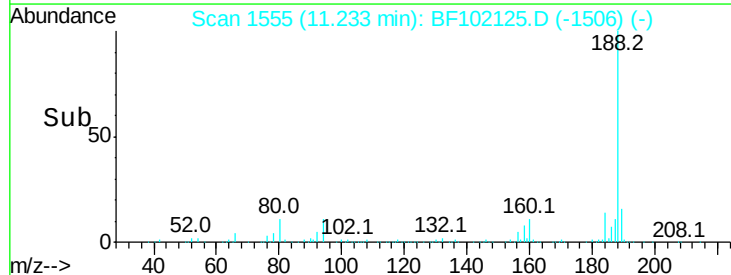


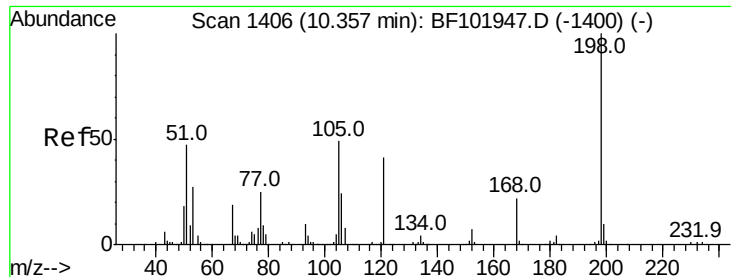
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102125.D
Acq: 16 Jan 2018 22:23

Tgt Ion: 188 Resp: 375342
Ion Ratio Lower Upper
188 100
94 10.8 8.5 12.7
80 11.3 9.2 13.8



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

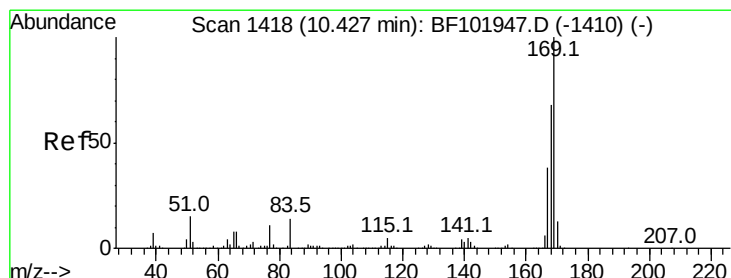
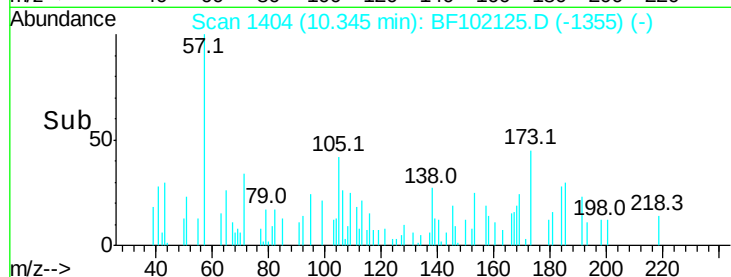
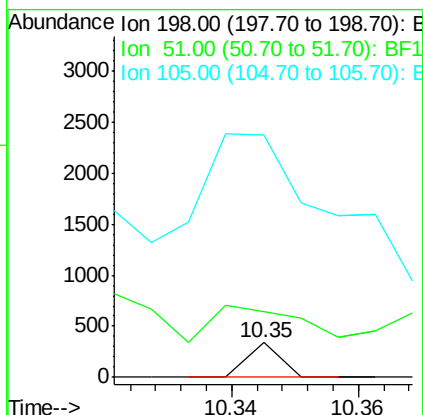
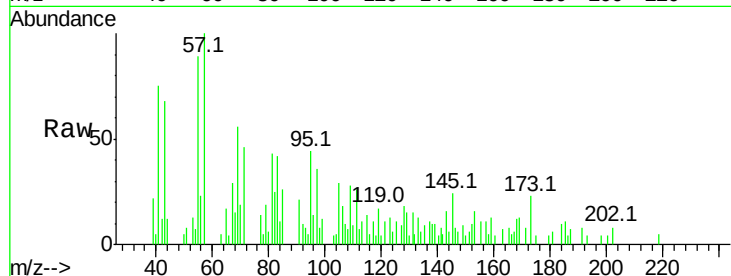




#64
4,6-Dinitro-2-methylphenol
Concen: 5.714 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BF102125.D
Acq: 16 Jan 2018 22:23

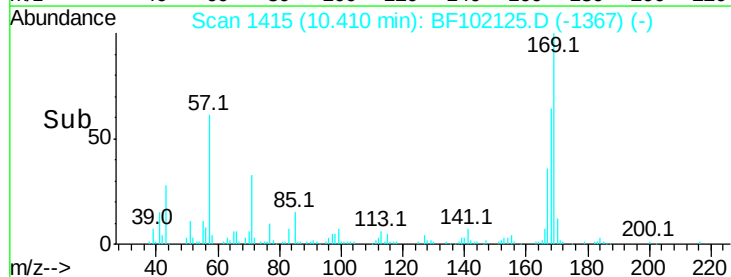
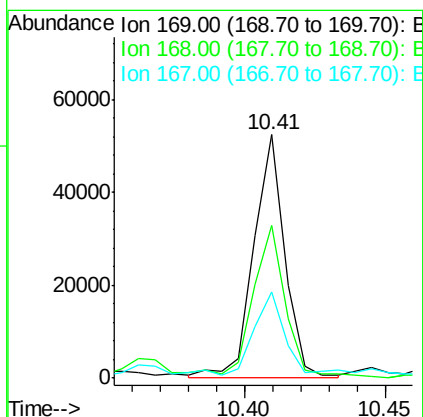
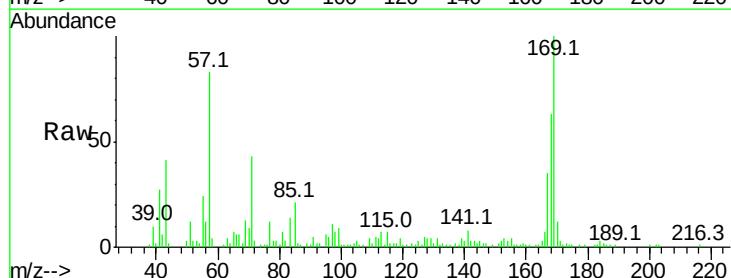
Instrument :
BNA_F
ClientSampleId :
HD-01-011518MS

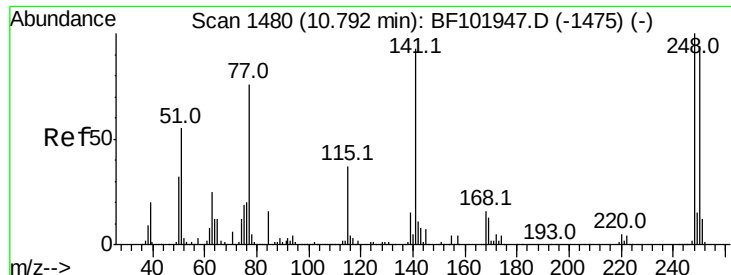
Tot Ion:198 Resp: 119
Ion Ratio Lower Upper
198 100
51 189.1 37.7 77.7#
105 701.8 36.3 76.3#



#65
n-Nitrosodiphenylamine
Concen: 2.881 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.02 min
Lab File: BF102125.D
Acq: 16 Jan 2018 22:23

Tgt Ion:169 Resp: 40492
Ion Ratio Lower Upper
169 100
168 62.9 54.4 81.6
167 35.2 29.8 44.6

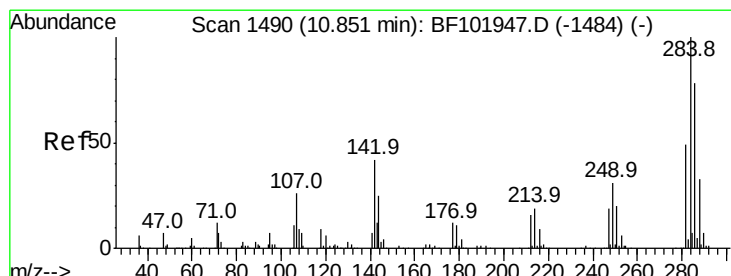
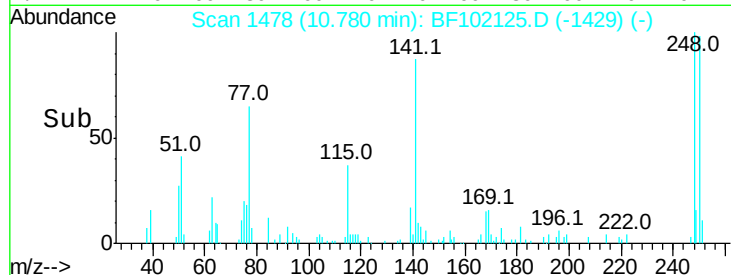
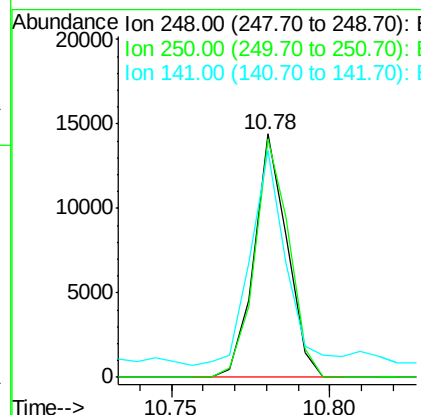
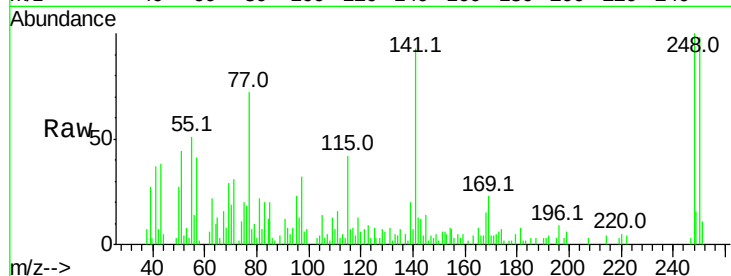




#66
 4-Bromophenyl-phenylether
 Concen: 2.615 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF102125.D
 Acq: 16 Jan 2018 22:23

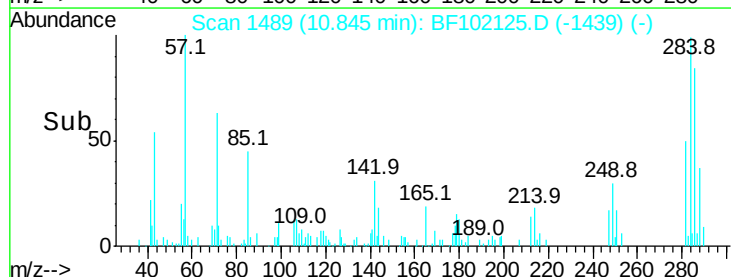
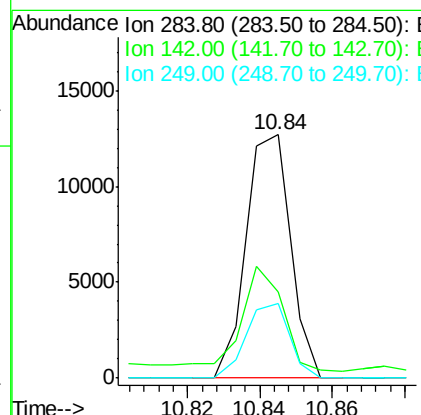
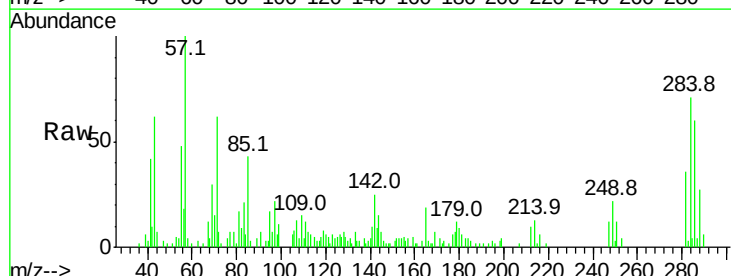
Instrument :
 BNA_F
 ClientSampleId :
 HD-01-011518MS

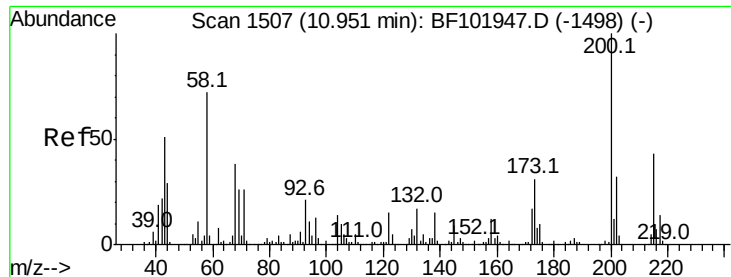
Tot Ion	Ratio	Lower	Upper
248	100		
250	98.1	76.9	115.3
141	93.0	74.4	111.6



#67
 Hexachlorobenzene
 Concen: 2.500 ng
 RT: 10.84 min Scan# 1489
 Delta R.T. -0.01 min
 Lab File: BF102125.D
 Acq: 16 Jan 2018 22:23

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.2	34.6	52.0
249	30.5	24.8	37.2

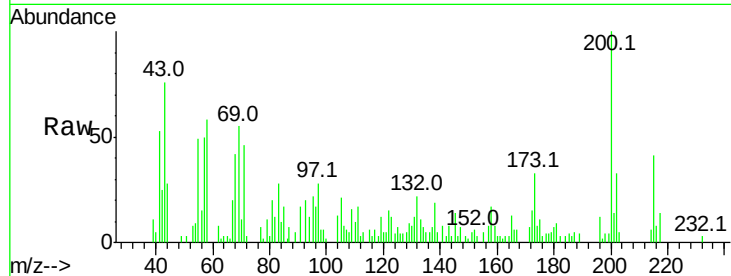




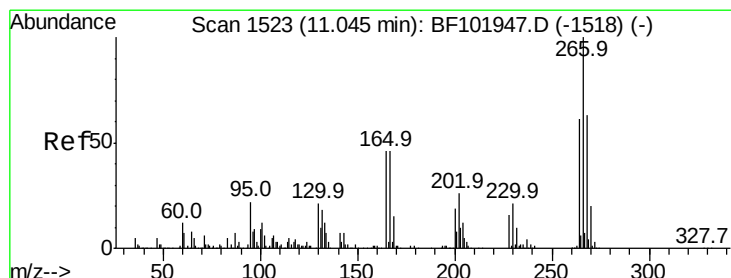
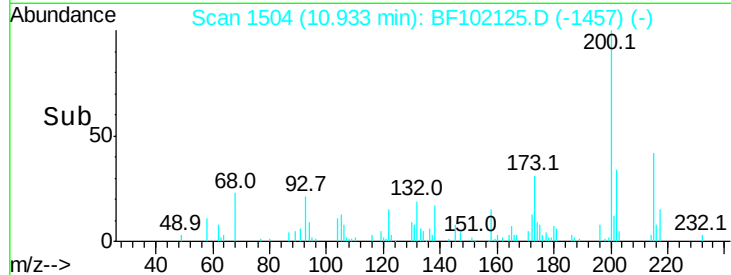
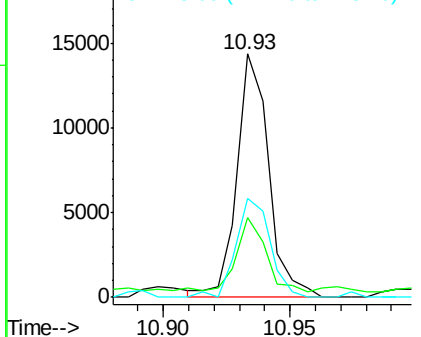
#68
Atrazine
Concen: 3.072 ng
RT: 10.93 min Scan# 1504
Delta R.T. -0.02 min
Lab File: BF102125.D
Acq: 16 Jan 2018 22:23

Instrument :
BNA_F
ClientSampleId :
HD-01-011518MS

Tot Ion:200 Resp: 12479
Ion Ratio Lower Upper
200 100
173 32.5 8.6 48.6
215 40.6 25.1 65.1

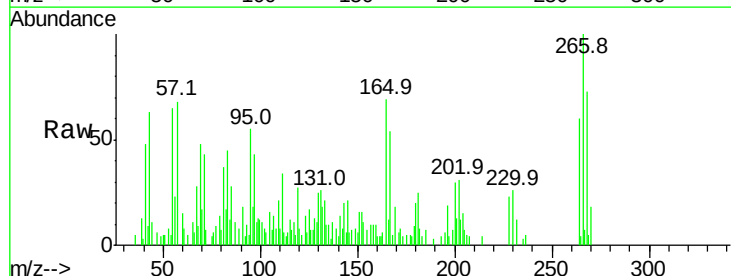


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

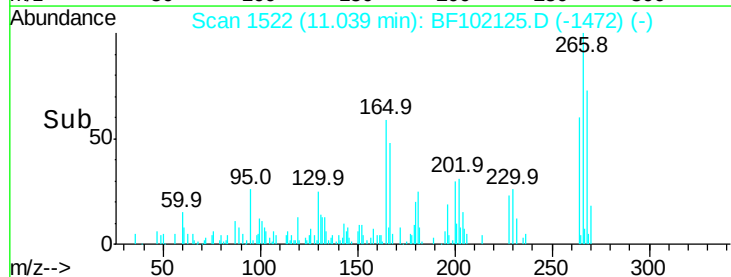
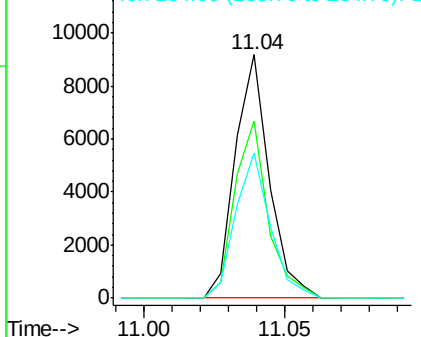


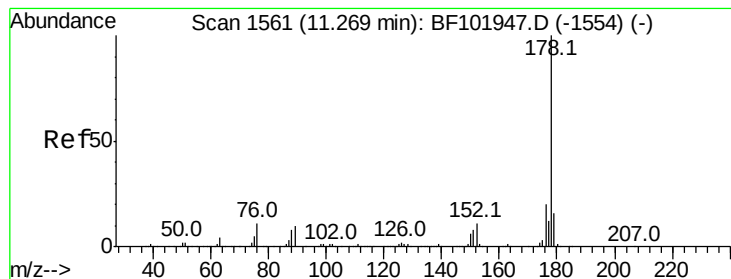
#69
Pentachlorophenol
Concen: 2.917 ng
RT: 11.04 min Scan# 1522
Delta R.T. -0.01 min
Lab File: BF102125.D
Acq: 16 Jan 2018 22:23

Tgt Ion:266 Resp: 7698
Ion Ratio Lower Upper
266 100
268 72.7 51.1 76.7
264 59.7 49.5 74.3



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





#70

Phenanthrene

Concen: 4.573 ng

RT: 11.26 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BF102125.D

Acq: 16 Jan 2018 22:23

Instrument :

BNA_F

ClientSampleId :

HD-01-011518MS

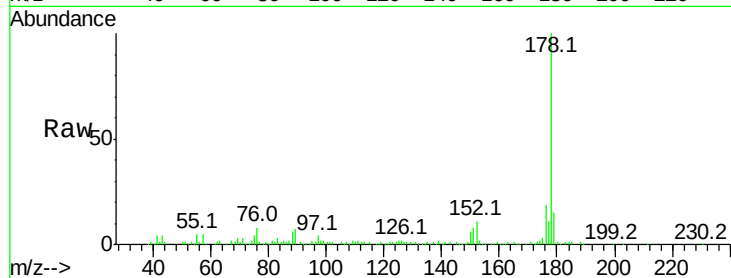
Tot Ion:178 Resp: 100258

Ion Ratio Lower Upper

178 100

176 19.2 15.8 23.8

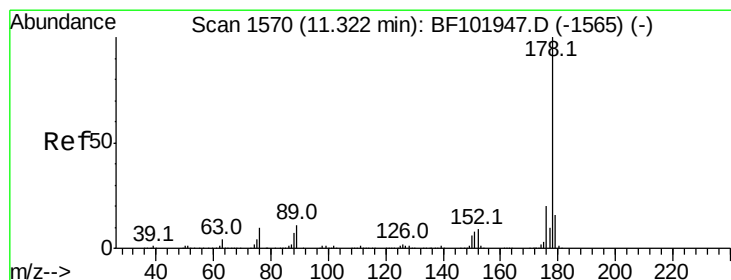
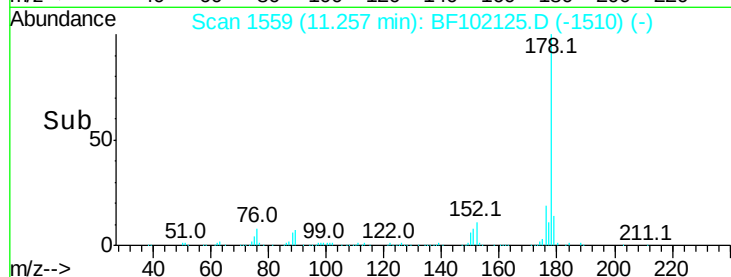
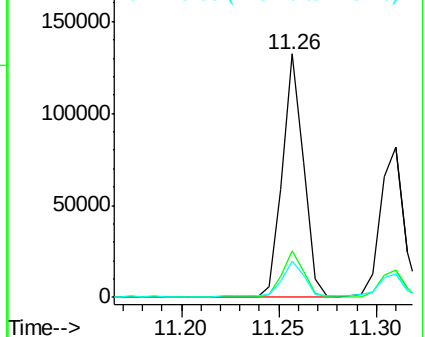
179 14.8 13.0 19.6



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



#71

Anthracene

Concen: 2.974 ng

RT: 11.31 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BF102125.D

Acq: 16 Jan 2018 22:23

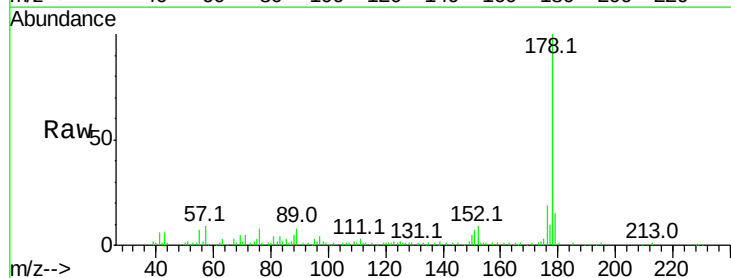
Tgt Ion:178 Resp: 66124

Ion Ratio Lower Upper

178 100

176 18.5 15.4 23.2

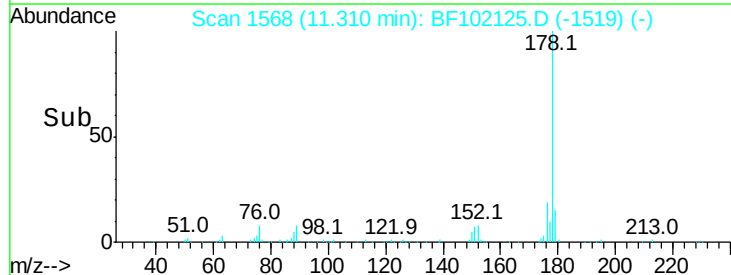
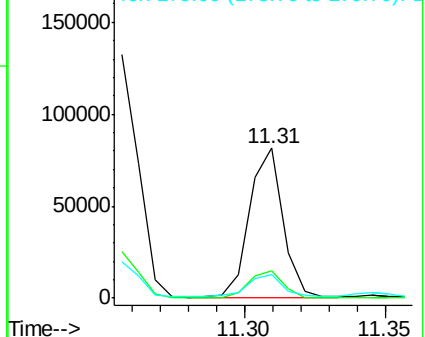
179 15.3 12.6 19.0

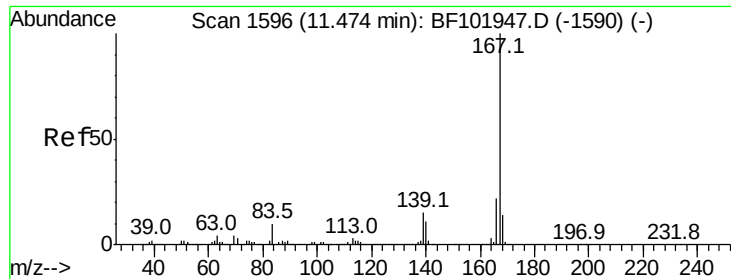


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

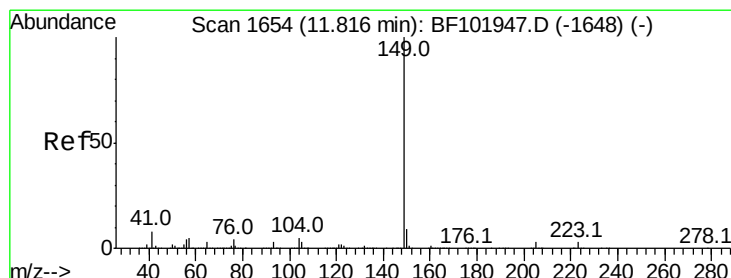
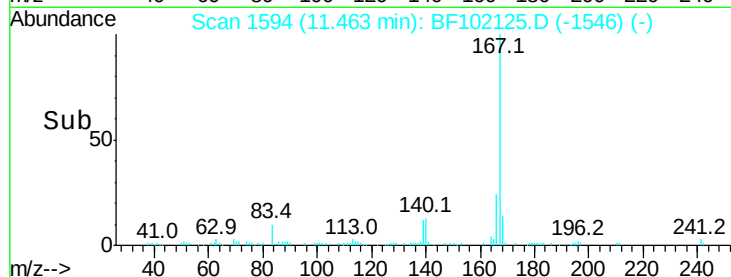
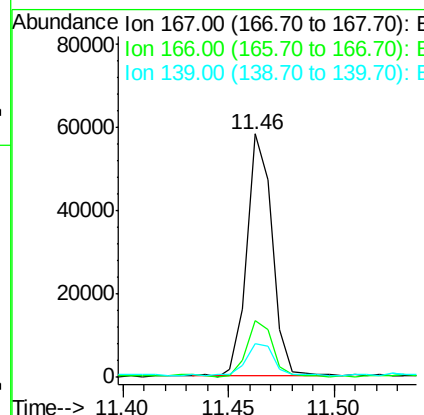
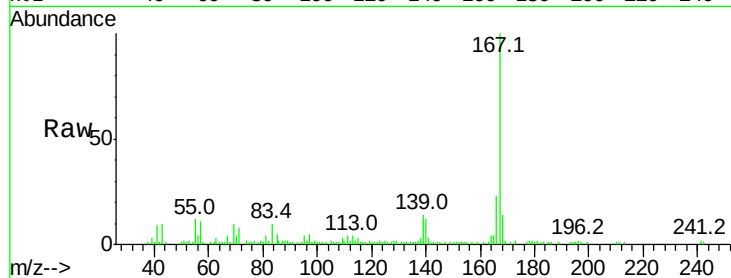




#72
 Carbazole
 Concen: 2.201 ng
 RT: 11.46 min Scan# 1594
 Delta R.T. -0.02 min
 Lab File: BF102125.D
 Acq: 16 Jan 2018 22:23

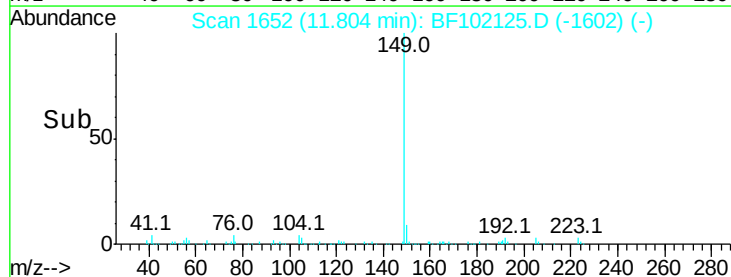
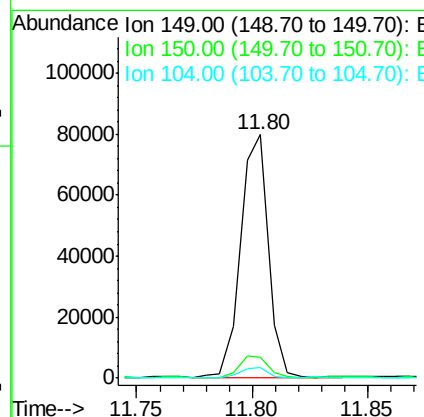
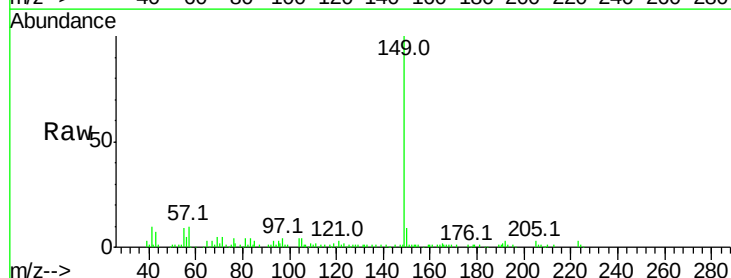
Instrument :
 BNA_F
 ClientSampleId :
 HD-01-011518MS

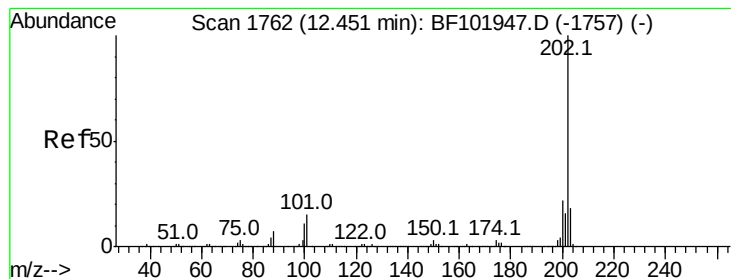
Tot Ion:167 Resp: 48102
 Ion Ratio Lower Upper
 167 100
 166 23.4 17.6 26.4
 139 13.6 10.9 16.3



#73
 Di-n-butylphthalate
 Concen: 2.471 ng
 RT: 11.80 min Scan# 1652
 Delta R.T. -0.01 min
 Lab File: BF102125.D
 Acq: 16 Jan 2018 22:23

Tgt Ion:149 Resp: 66250
 Ion Ratio Lower Upper
 149 100
 150 8.7 7.8 11.6
 104 4.3 3.8 5.8





#74

Fluoranthene

Concen: 5.186 ng

RT: 12.44 min Scan# 1761

Delta R.T. -0.01 min

Lab File: BF102125.D

Acq: 16 Jan 2018 22:23

Instrument :

BNA_F

ClientSampleId :

HD-01-011518MS

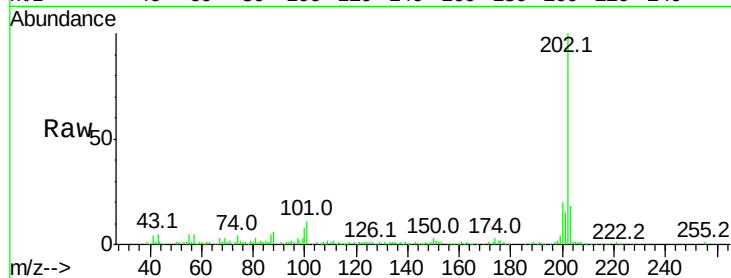
Tot Ion:202 Resp: 111877

Ion Ratio Lower Upper

202 100

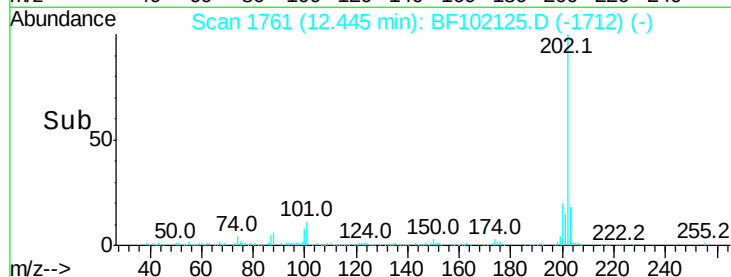
101 10.6 0.0 34.1

203 17.8 0.0 38.1

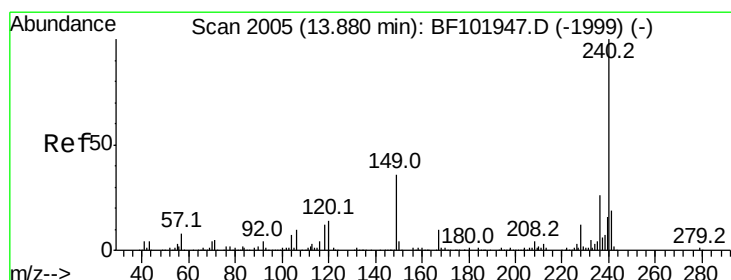


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

12.44



Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF102125.D

Acq: 16 Jan 2018 22:23

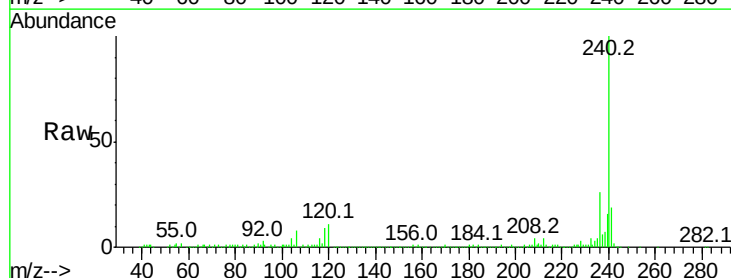
Tgt Ion:240 Resp: 258862

Ion Ratio Lower Upper

240 100

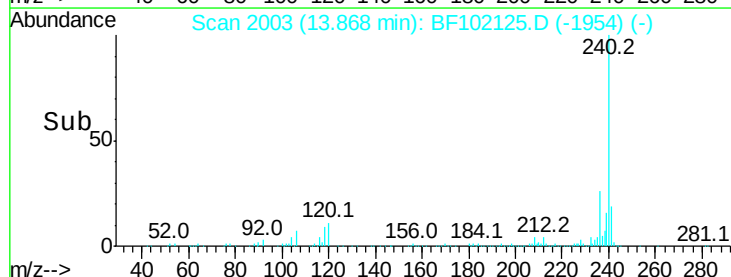
120 11.3 9.5 14.3

236 25.9 20.7 31.1

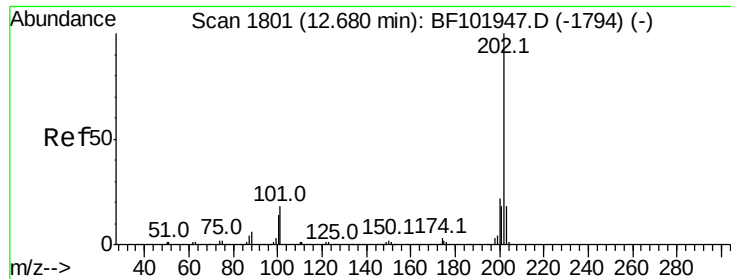


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

13.87



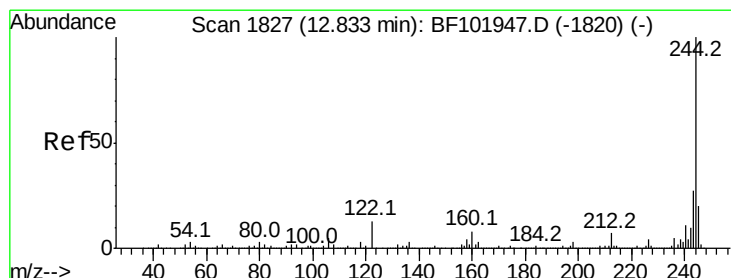
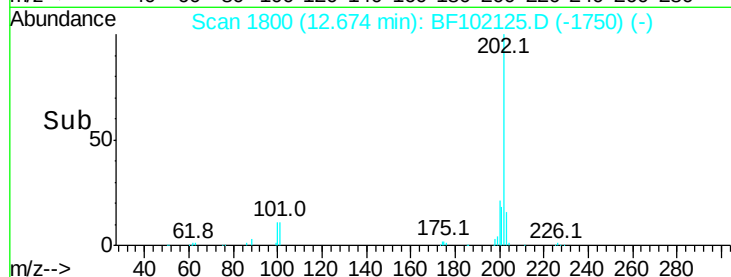
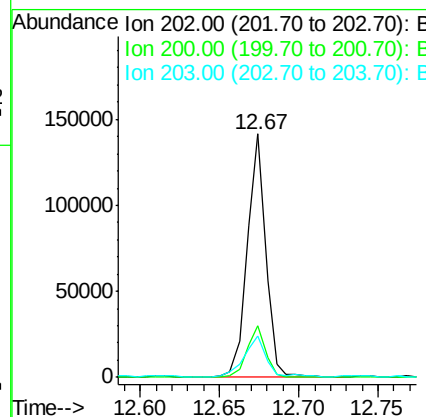
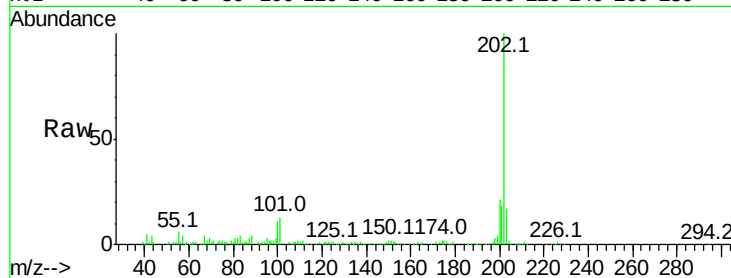
Time-->



#77
Pvrene
Concen: 4.932 ng
RT: 12.67 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BF102125.D
Acq: 16 Jan 2018 22:23

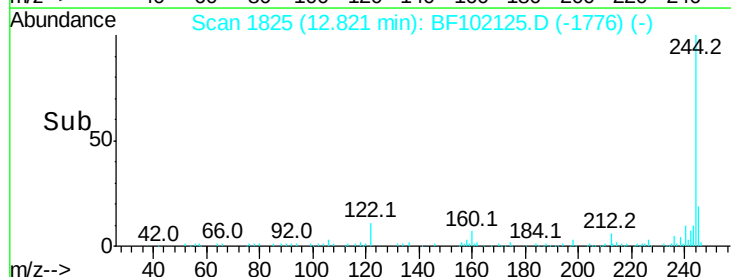
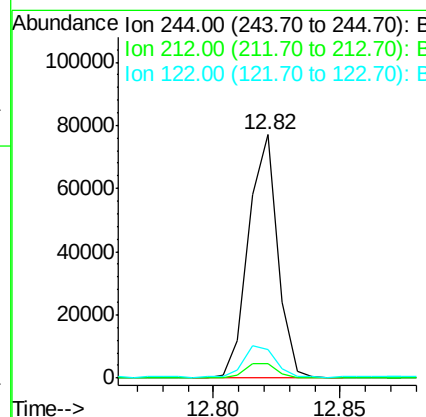
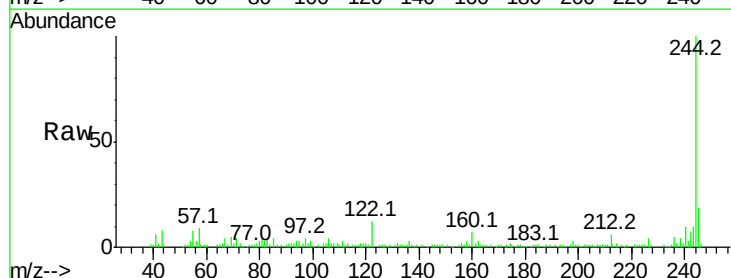
Instrument :
BNA_F
ClientSampleId :
HD-01-011518MS

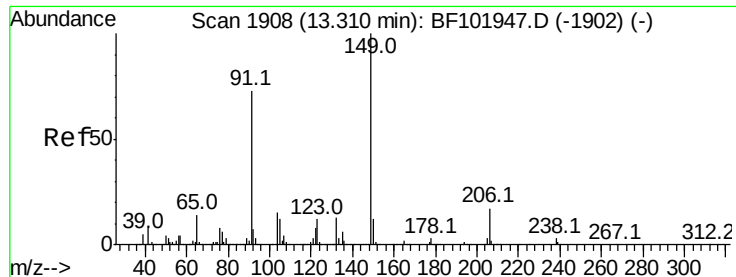
Tot Ion:202 Resp: 112858
Ion Ratio Lower Upper
202 100
200 21.4 17.4 26.2
203 17.0 14.3 21.5



#78
Terphenyl-d14
Concen: 4.925 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF102125.D
Acq: 16 Jan 2018 22:23

Tgt Ion:244 Resp: 61399
Ion Ratio Lower Upper
244 100
212 6.1 5.4 8.0
122 12.0 11.0 16.4

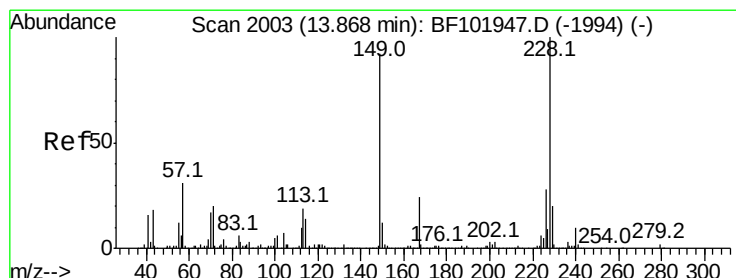
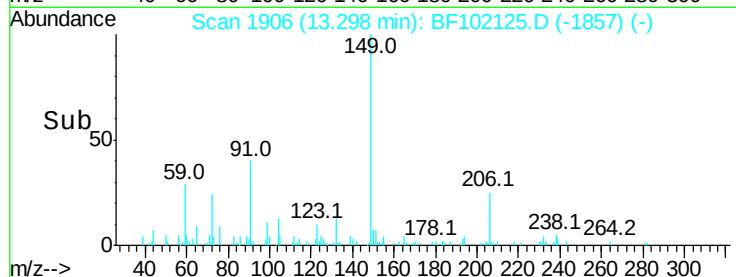
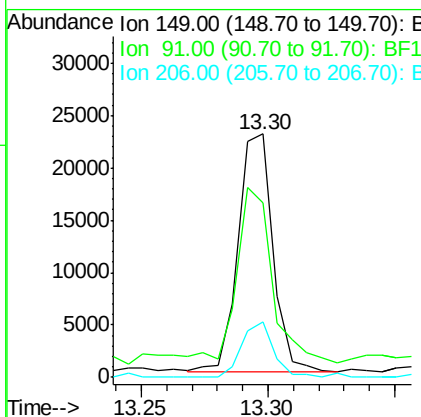
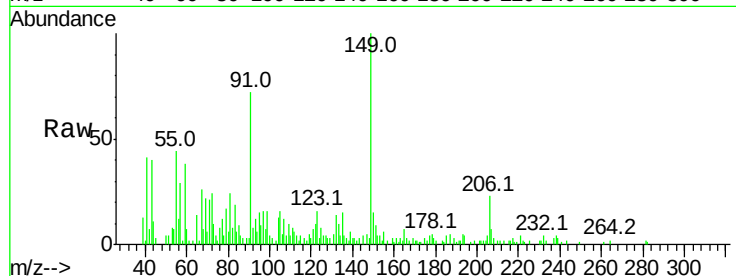




#79
 Butylbenzylphthalate
 Concen: 2.051 ng
 RT: 13.30 min Scan# 1906
 Delta R.T. -0.01 min
 Lab File: BF102125.D
 Acq: 16 Jan 2018 22:23

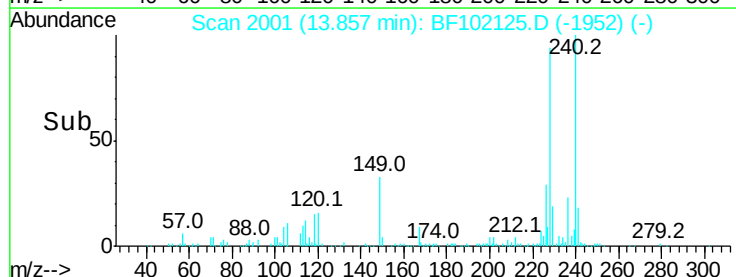
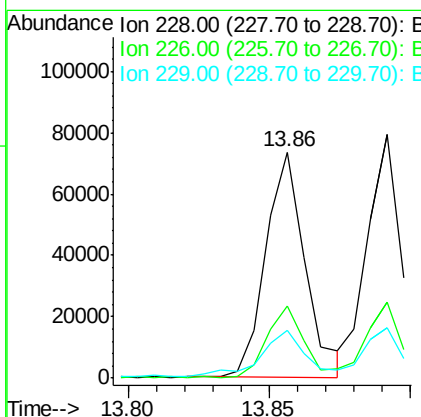
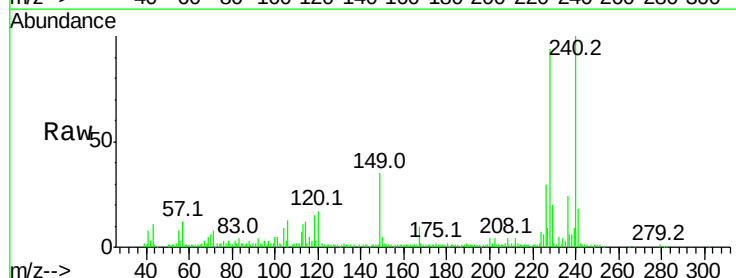
Instrument :
 BNA_F
 ClientSampleId :
 HD-01-011518MS

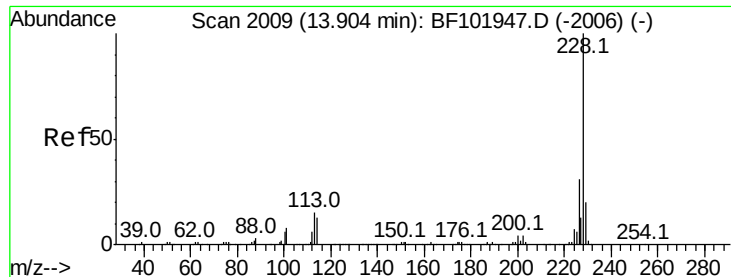
Tot Ion:149 Resp: 21537
 Ion Ratio Lower Upper
 149 100
 91 71.7 56.8 85.2
 206 22.6 14.1 21.1#



#80
 Benzo(a)anthracene
 Concen: 4.297 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BF102125.D
 Acq: 16 Jan 2018 22:23

Tgt Ion:228 Resp: 70977
 Ion Ratio Lower Upper
 228 100
 226 32.1 22.6 33.8
 229 21.0 15.8 23.6





#82

Chrysene

Concen: 3.822 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF102125.D

Acq: 16 Jan 2018 22:23

Instrument :

BNA_F

ClientSampleId :

HD-01-011518MS

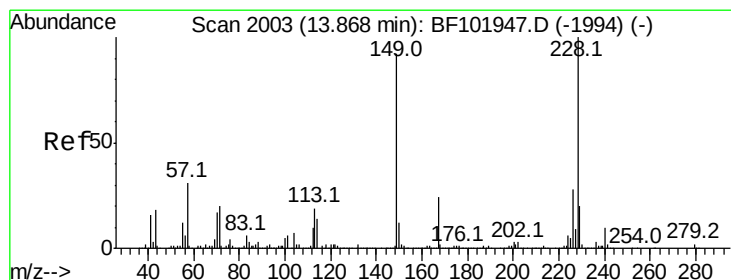
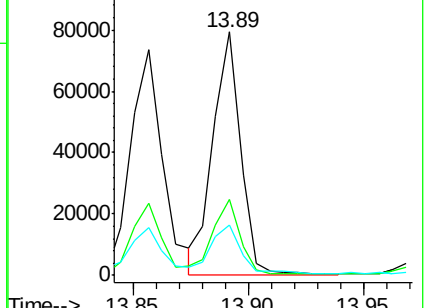
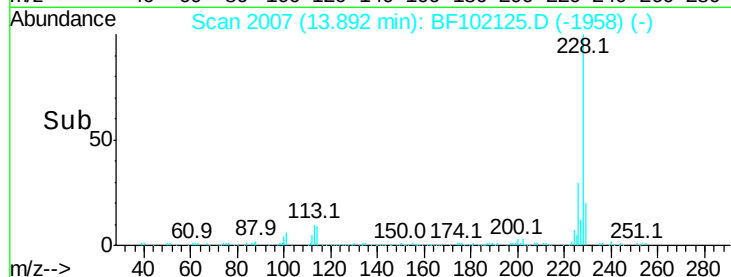
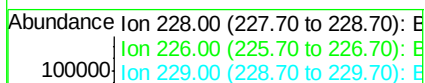
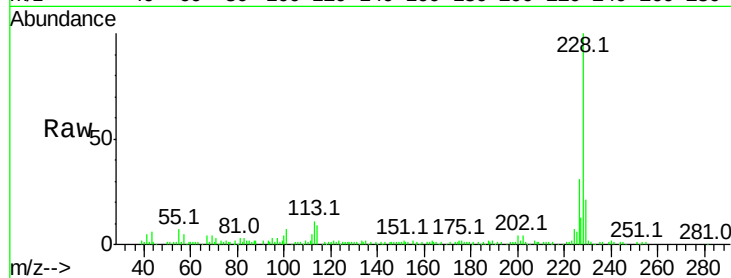
Tot Ion:228 Resp: 65826

Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.0	37.6
229	20.5	16.2	24.4

228 100

226 31.1 25.0 37.6

229 20.5 16.2 24.4



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.351 ng

RT: 13.85 min Scan# 2000

Delta R.T. -0.02 min

Lab File: BF102125.D

Acq: 16 Jan 2018 22:23

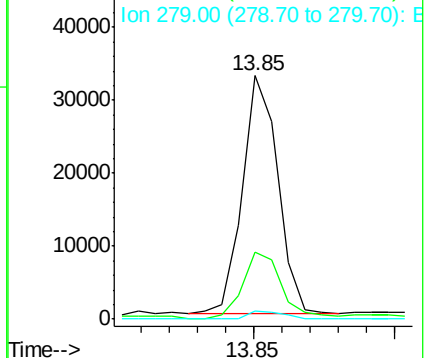
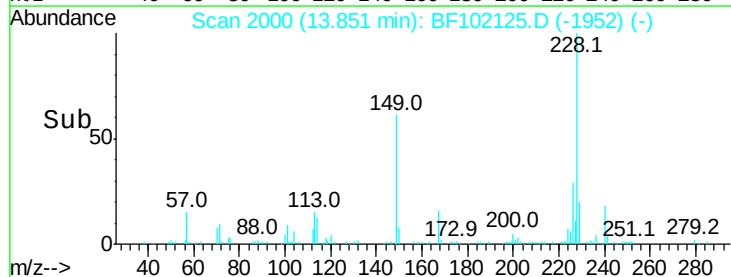
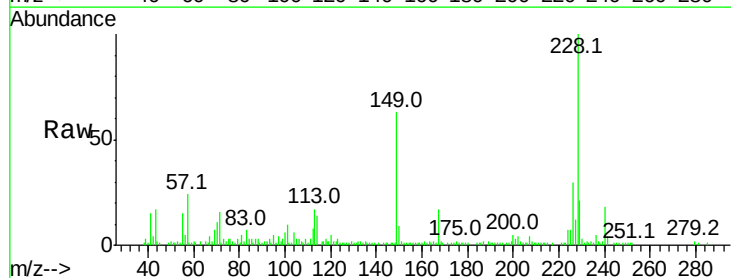
Tgt Ion:149 Resp: 28315

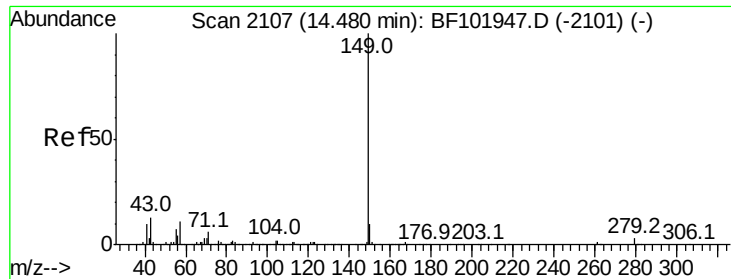
Ion	Ratio	Lower	Upper
149	100		
167	27.7	21.3	31.9
279	3.4	3.0	4.4

149 100

167 27.7 21.3 31.9

279 3.4 3.0 4.4

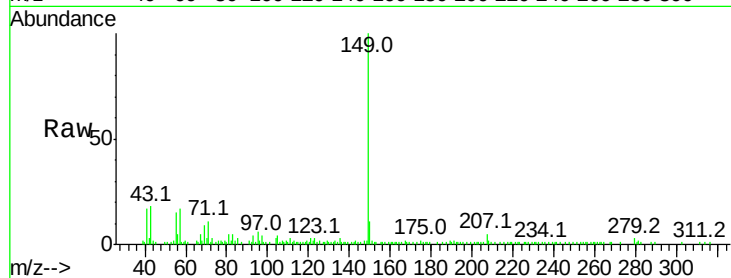




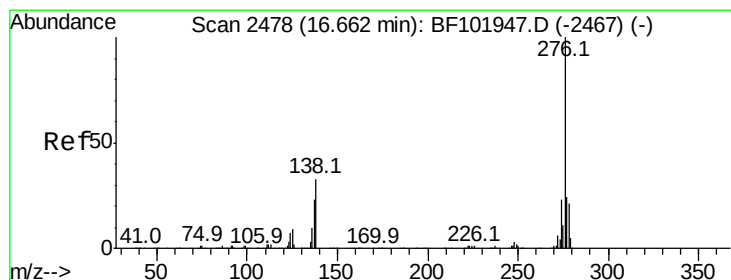
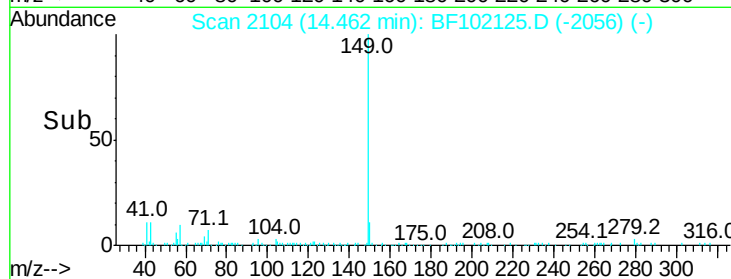
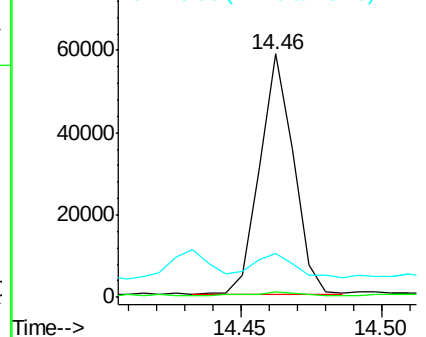
#84
Di-n-octyl phthalate
Concen: 2.452 ng
RT: 14.46 min Scan# 2104
Delta R.T. -0.02 min
Lab File: BF102125.D
Acq: 16 Jan 2018 22:23

Instrument :
BNA_F
ClientSampleId :
HD-01-011518MS

Tot Ion:149 Resp: 49012
Ion Ratio Lower Upper
149 100
167 2.5 1.2 1.8#
43 12.3 8.4 12.6

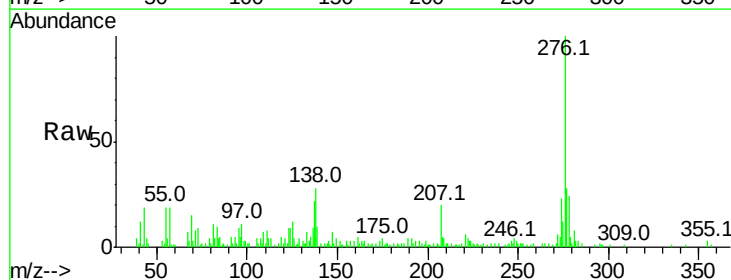


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

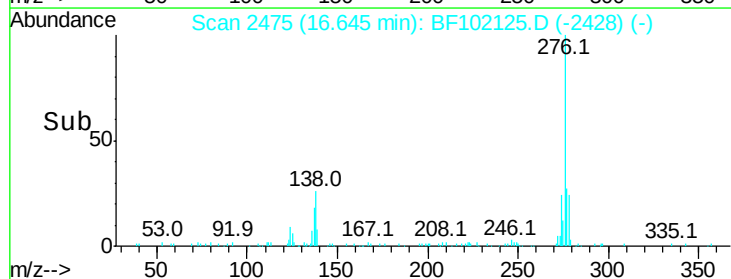
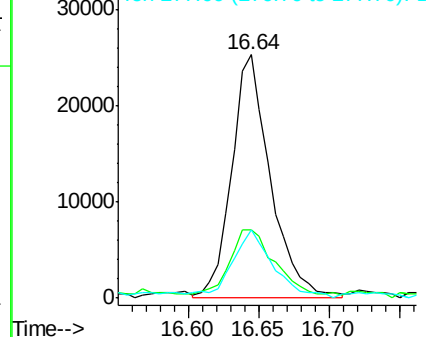


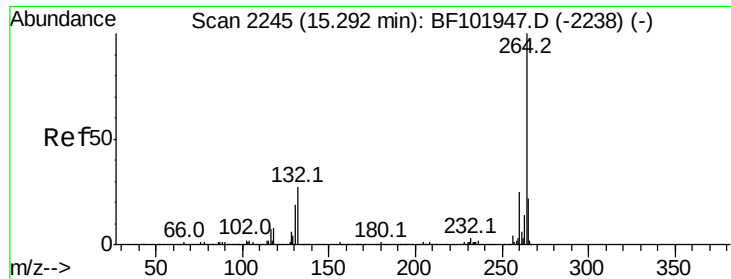
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.866 ng
RT: 16.64 min Scan# 2475
Delta R.T. -0.02 min
Lab File: BF102125.D
Acq: 16 Jan 2018 22:23

Tgt Ion:276 Resp: 48454
Ion Ratio Lower Upper
276 100
138 30.8 25.0 37.6
277 29.9 20.1 30.1



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





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.28 min Scan# 2243

Delta R.T. -0.01 min

Lab File: BF102125.D

Acq: 16 Jan 2018 22:23

Instrument :

BNA_F

ClientSampleId :

HD-01-011518MS

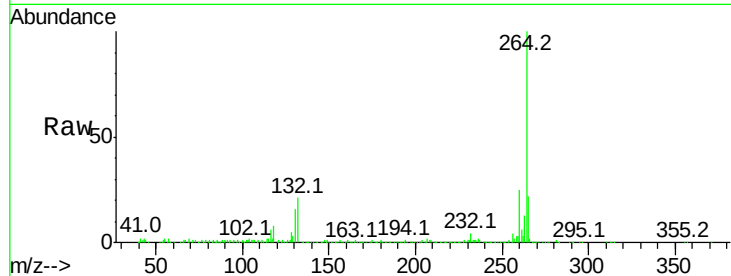
Tot Ion:264 Resp: 268723

Ion Ratio Lower Upper

264 100

260 24.7 19.2 28.8

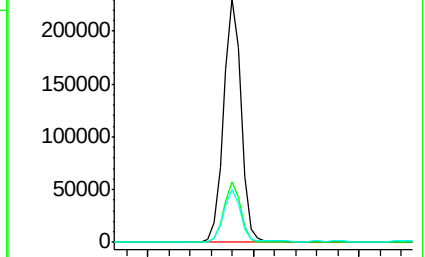
265 21.9 17.5 26.3



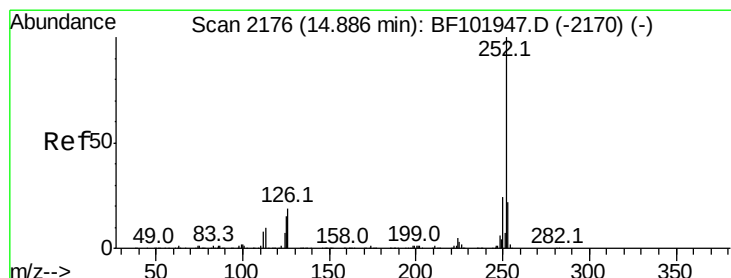
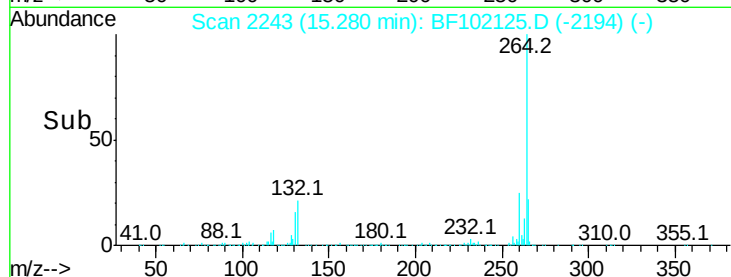
Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



Time-->



#87

Benzo(b)fluoranthene

Concen: 4.262 ng

RT: 14.87 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BF102125.D

Acq: 16 Jan 2018 22:23

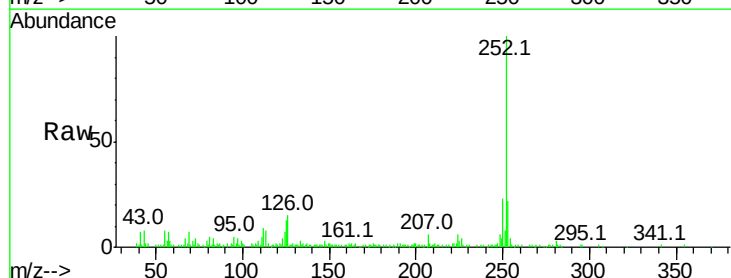
Tgt Ion:252 Resp: 74681

Ion Ratio Lower Upper

252 100

253 21.8 17.0 25.6

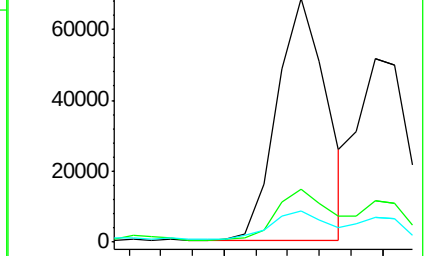
125 12.7 9.0 13.6



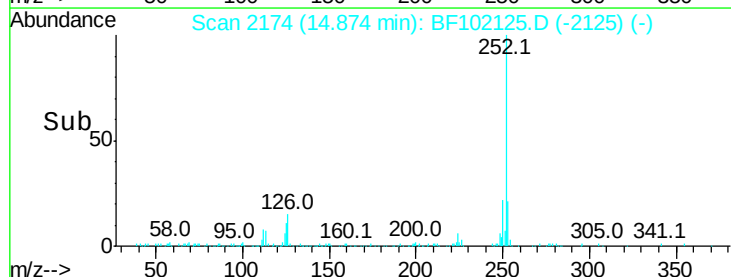
Abundance Ion 252.00 (251.70 to 252.70): E

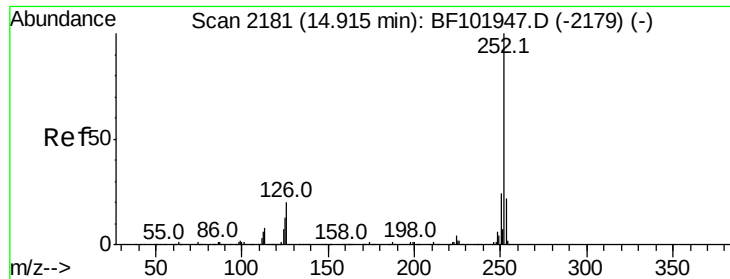
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->

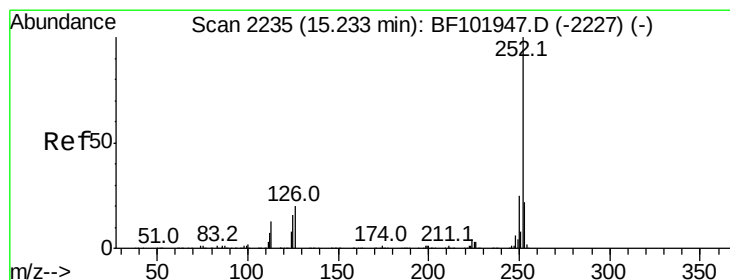
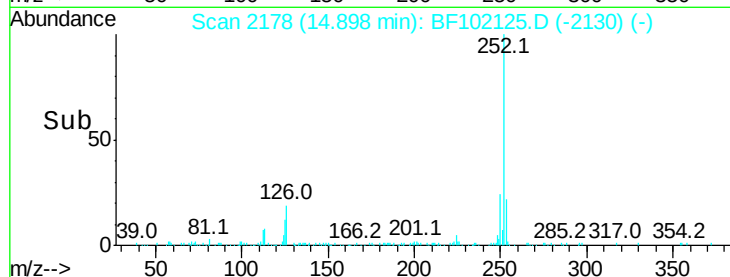
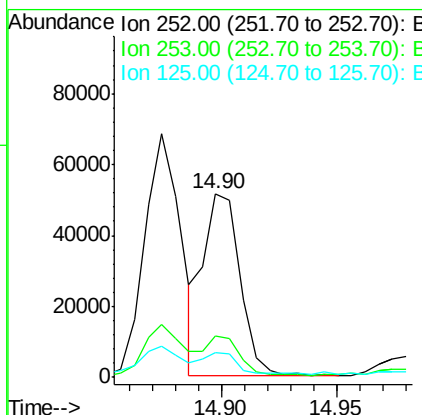
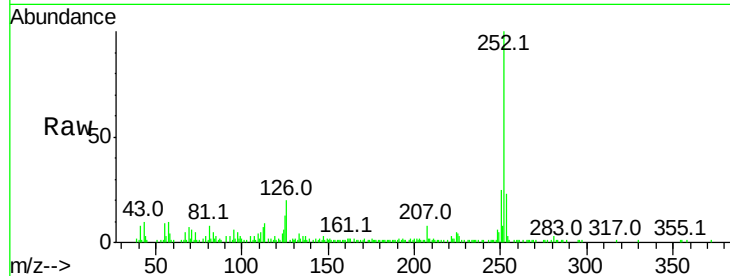




#88
Benzo(k)fluoranthene
Concen: 3.362 ng
RT: 14.90 min Scan# 2178
Delta R.T. -0.02 min
Lab File: BF102125.D
Acq: 16 Jan 2018 22:23

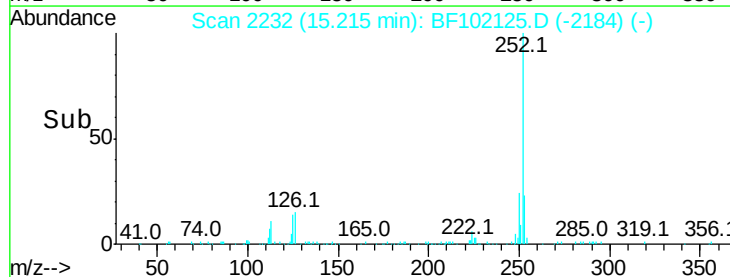
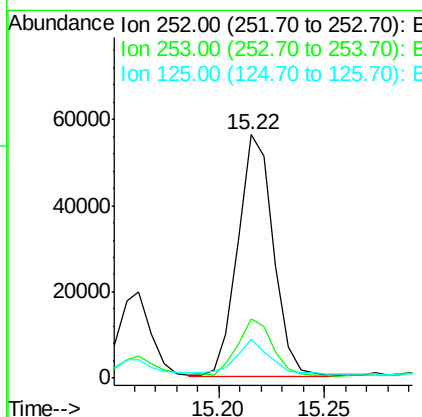
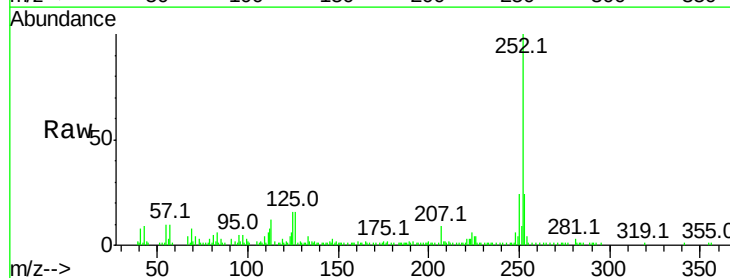
Instrument :
BNA_F
ClientSampleId :
HD-01-011518MS

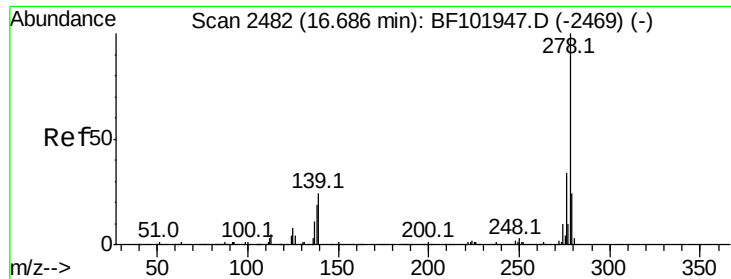
Tot Ion:252	Resp:	56832
Ion Ratio	Lower	Upper
252	100	
253	22.6	17.9 26.9
125	13.2	10.2 15.2



#89
Benzo(a)pyrene
Concen: 4.146 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.02 min
Lab File: BF102125.D
Acq: 16 Jan 2018 22:23

Tgt Ion:252	Resp:	65377
Ion Ratio	Lower	Upper
252	100	
253	24.3	17.1 25.7
125	15.8	9.8 14.6#





#90

Dibenzo(a,h)anthracene

Concen: 2.444 ng

RT: 16.66 min Scan# 2478

Delta R.T. -0.02 min

Lab File: BF102125.D

Acq: 16 Jan 2018 22:23

Instrument :

BNA_F

ClientSampleId :

HD-01-011518MS

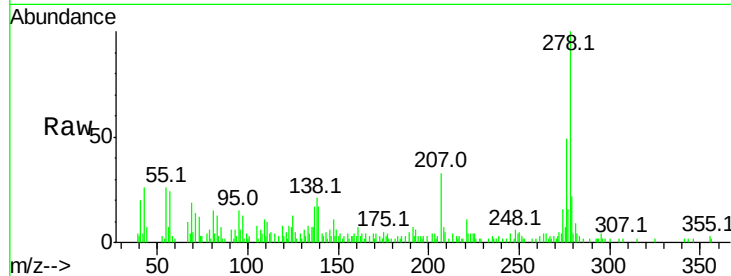
Tot Ion:278 Resp: 30752

Ion Ratio Lower Upper

278 100

139 17.1 15.9 23.9

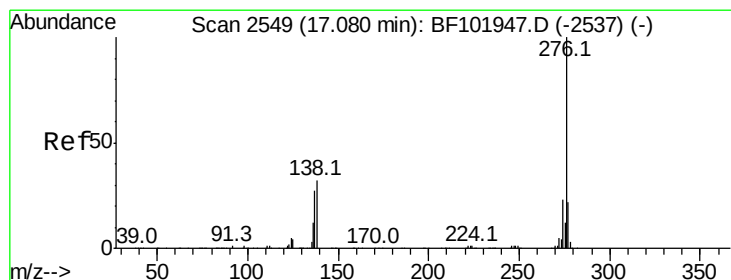
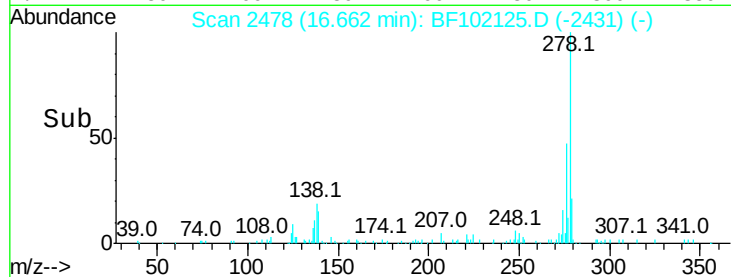
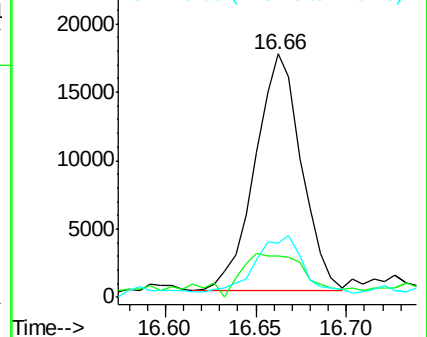
279 22.3 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 3.272 ng

RT: 17.06 min Scan# 2545

Delta R.T. -0.03 min

Lab File: BF102125.D

Acq: 16 Jan 2018 22:23

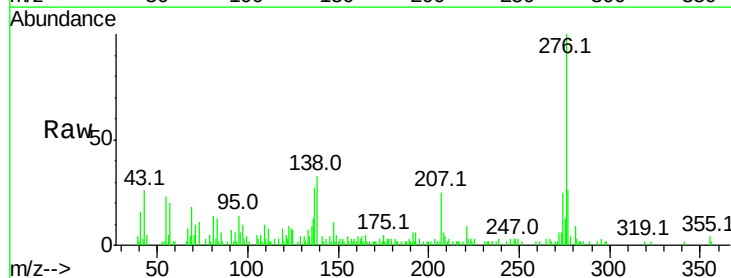
Tgt Ion:276 Resp: 41470

Ion Ratio Lower Upper

276 100

277 25.9 17.9 26.9

138 32.8 21.8 32.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

