

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012918\
 Data File : BF102613.D
 Acq On : 29 Jan 2018 22:38
 Operator : SJ/JU
 Sample : J1353-02MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-5(5-10)MSD

Quant Time: Jan 30 02:39:46 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 27 20:48:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	155239	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	638111	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	278385	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	422359	20.00	ng	0.00
75) Chrysene-d12	13.88	240	292659	20.00	ng	0.00
86) Perylene-d12	15.32	264	301538	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	644723	62.97	ng	0.00
7) Phenol-d6	6.36	99	755900	61.24	ng	0.00
23) Nitrobenzene-d5	7.28	82	467245	42.08	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	136074	49.33	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	795908	42.04	ng	0.00
78) Terphenyl-d14	12.82	244	563263	43.39	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.39	88	96067	19.749	ng	98
3) Pyridine	3.11	79	229963	18.090	ng	95
4) n-Nitrosodimethylamine	3.06	42	106000	21.269	ng	97
6) Aniline	6.37	93	180616	11.063	ng	# 1
8) 2-Chlorophenol	6.50	128	239794	22.343	ng	94
9) Benzaldehyde	6.26	77	99955	11.827	ng	93
10) Phenol	6.37	94	299653	22.237	ng	78
11) bis(2-Chloroethyl)ether	6.45	93	226434	22.093	ng	99
12) 1,3-Dichlorobenzene	6.65	146	254662	19.951	ng	99
13) 1,4-Dichlorobenzene	6.73	146	263609	20.617	ng	99
14) 1,2-Dichlorobenzene	6.88	146	243248	20.799	ng	99
15) Benzyl Alcohol	6.86	79	186938	21.465	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.99	45	364157	21.185	ng	80
17) 2-Methylphenol	6.98	107	193305	20.739	ng	# 92
18) Hexachloroethane	7.22	117	85226	19.128	ng	89
19) n-Nitroso-di-n-propylamine	7.13	70	164913	21.832	ng	96
20) 3+4-Methylphenols	7.14	107	257206	23.462	ng	96
22) Acetophenone	7.13	105	337616	22.195	ng	# 97
24) Nitrobenzene	7.30	77	241252	21.230	ng	100
25) Isophorone	7.54	82	438237	22.138	ng	97
26) 2-Nitrophenol	7.62	139	112064	18.738	ng	94
27) 2,4-Dimethylphenol	7.66	122	211554	24.360	ng	98
28) bis(2-Chloroethoxy)methane	7.75	93	287057	23.474	ng	98
29) 2,4-Dichlorophenol	7.87	162	197949	22.377	ng	98
30) 1,2,4-Trichlorobenzene	7.94	180	191176	20.161	ng	99
31) Naphthalene	8.02	128	687925	21.592	ng	99
33) 4-Chloroaniline	8.07	127	145209	10.839	ng	98
34) Hexachlorobutadiene	8.13	225	97544	19.260	ng	99
35) Caprolactam	8.43	113	57505	19.683	ng	99
36) 4-Chloro-3-methylphenol	8.57	107	202160	21.681	ng	95
37) 2-Methylnaphthalene	8.71	142	463541	21.847	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	176244	21.043	ng	99
40) Hexachlorocyclopentadiene	8.86	237	15980	4.263	ng	92
42) 2,4,6-Trichlorophenol	9.00	196	116245	20.733	ng	98

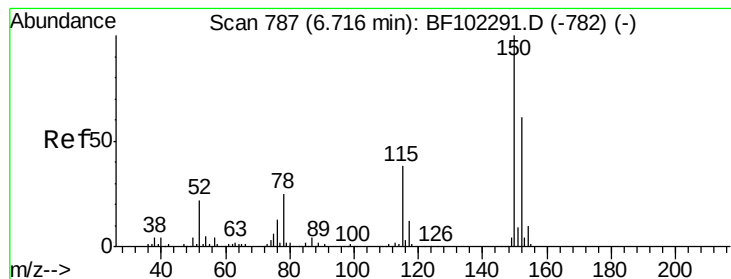
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012918\
 Data File : BF102613.D
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.05	196	118902	18.835	ng	98
45) 1,1'-Biphenyl	9.17	154	524457	21.069	ng	99
46) 2-Chloronaphthalene	9.20	162	402871	20.822	ng	98
47) 2-Nitroaniline	9.30	65	130482	21.631	ng	99
48) Acenaphthylene	9.61	152	689914	22.888	ng	100
49) Dimethylphthalate	9.47	163	546292	23.741	ng	99
50) 2,6-Dinitrotoluene	9.55	165	100028	20.163	ng	93
51) Acenaphthene	9.78	154	362858	20.612	ng	99
52) 3-Nitroaniline	9.72	138	99457	16.947	ng	94
53) 2,4-Dinitrophenol	9.85	184	2695	4.850	ng	# 22
54) Dibenzofuran	9.96	168	532498	22.350	ng	100
55) 4-Nitrophenol	9.90	139	93267	24.075	ng	95
56) 2,4-Dinitrotoluene	9.95	165	118539	19.430	ng	# 80
57) Fluorene	10.30	166	428842	22.715	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.08	232	82229	18.243	ng	97
59) Diethylphthalate	10.17	149	453257	20.271	ng	98
60) 4-Chlorophenyl-phenylether	10.29	204	179746	21.959	ng	96
61) 4-Nitroaniline	10.33	138	97834	16.706	ng	88
62) Azobenzene	10.45	77	414713	20.257	ng	95
64) 4,6-Dinitro-2-methylphenol	10.37	198	12085	4.289	ng	88
65) n-Nitrosodiphenylamine	10.41	169	365668	23.588	ng	99
66) 4-Bromophenyl-phenylether	10.78	248	103646	22.796	ng	92
67) Hexachlorobenzene	10.84	284	97747	19.223	ng	96
68) Atrazine	10.94	200	107297	23.435	ng	98
69) Pentachlorophenol	11.05	266	49362	18.479	ng	96
70) Phenanthrene	11.26	178	796317	32.355	ng	99
71) Anthracene	11.32	178	596981	23.764	ng	98
72) Carbazole	11.47	167	517461	21.114	ng	98
73) Di-n-butylphthalate	11.79	149	660006	21.545	ng	100
74) Fluoranthene	12.45	202	939366	37.428	ng	99
76) Benzidine	12.58	184	152340	15.495	ng	97
77) Pyrene	12.68	202	896183	39.606	ng	99
79) Butylbenzylphthalate	13.29	149	230467	20.467	ng	98
80) Benzo(a)anthracene	13.87	228	611335	33.929	ng	98
81) 3,3'-Dichlorobenzidine	13.83	252	112911	17.083	ng	99
82) Chrysene	13.91	228	593899	32.458	ng	100
83) Bis(2-ethylhexyl)phthalate	13.85	149	335584	22.176	ng	100
84) Di-n-octyl phthalate	14.46	149	542919	22.061	ng	99
85) Indeno(1,2,3-cd)pyrene	16.73	276	439956	29.115	ng	98
87) Benzo(b)fluoranthene	14.93	252	412188	21.090	ng	99
88) Benzo(k)fluoranthene	14.93	252	412188	22.323	ng	98
89) Benzo(a)pyrene	15.26	252	553680	31.411	ng	95
90) Dibenzo(a,h)anthracene	16.73	278	287658	20.146	ng	96
91) Benzo(g,h,i)perylene	17.14	276	368748	26.155	ng	94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.71 min Scan# 786

Delta R.T. -0.01 min

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EPE-106-5(5-10)MSD

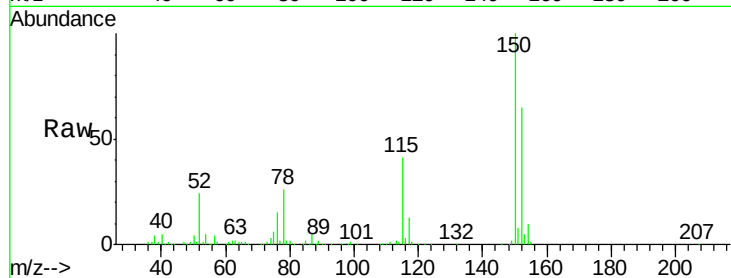
Tgt Ion:152 Resp: 155239

Ion Ratio Lower Upper

152 100

150 154.4 124.6 186.8

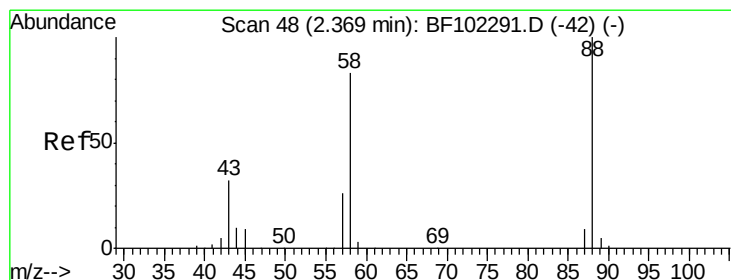
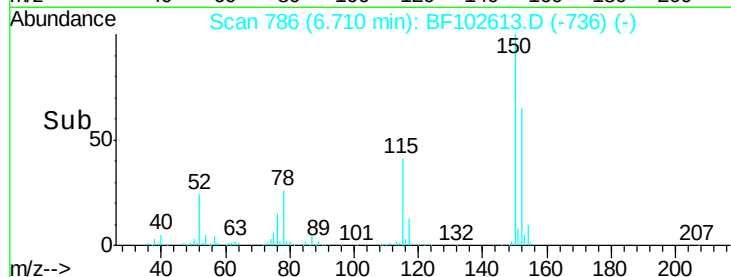
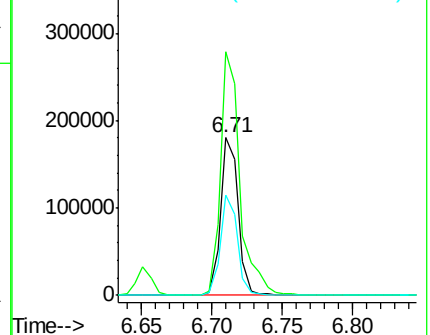
115 63.7 50.1 75.1



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



#2

1,4-Dioxane

Concen: 19.749 ng

RT: 2.39 min Scan# 52

Delta R.T. 0.03 min

Lab File: BF102613.D

Acq: 29 Jan 2018 22:38

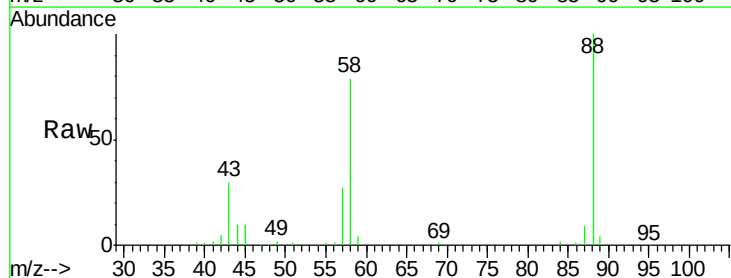
Tgt Ion: 88 Resp: 96067

Ion Ratio Lower Upper

88 100

58 79.2 62.6 93.8

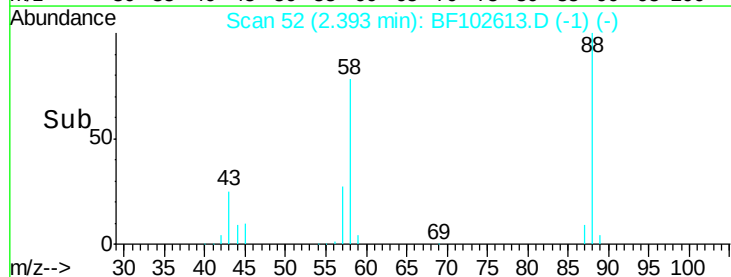
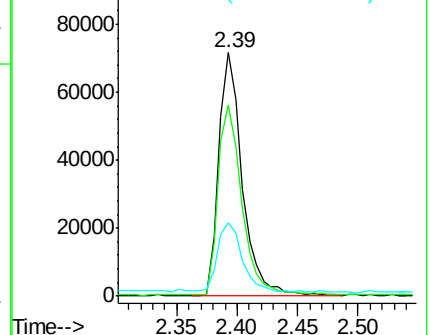
43 29.5 24.6 37.0

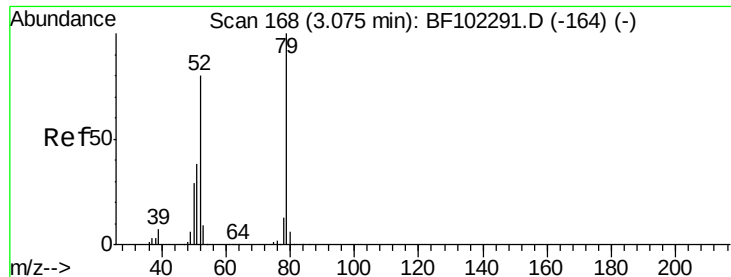


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 18.090 ng

RT: 3.11 min Scan# 174

Delta R.T. 0.04 min

Lab File: BF102613.D

Acq: 29 Jan 2018 22:38

Instrument :

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ClientSampleId :

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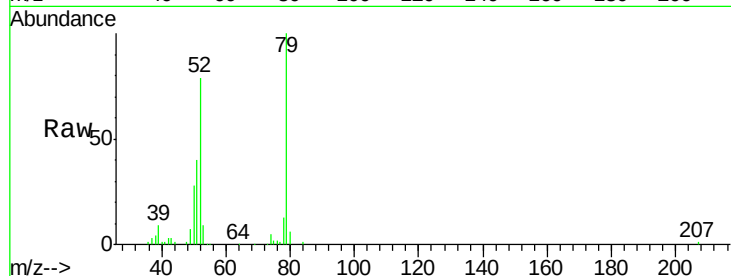
Tgt Ion: 79 Resp: 229963

Ion Ratio Lower Upper

79 100

52 79.1 59.8 89.6

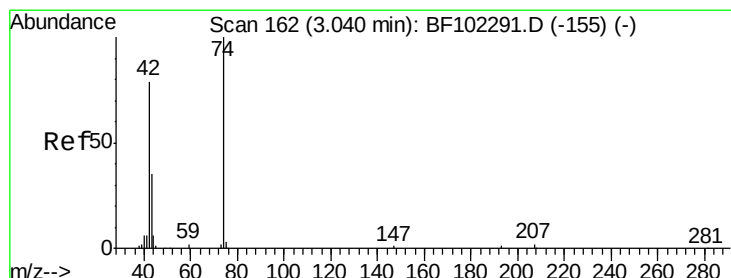
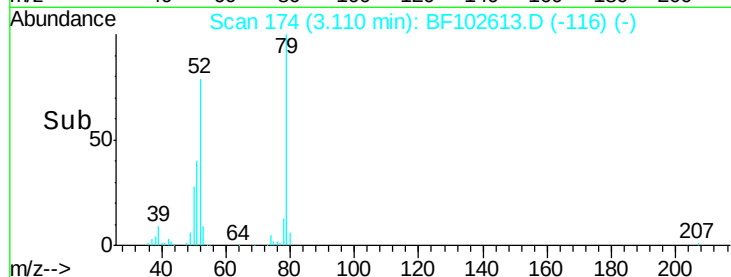
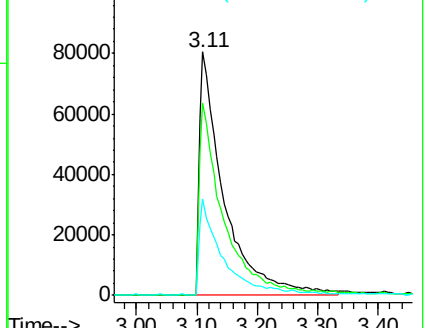
51 39.8 29.8 44.8



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: 21.269 ng

RT: 3.06 min Scan# 165

Delta R.T. 0.02 min

Lab File: BF102613.D

Acq: 29 Jan 2018 22:38

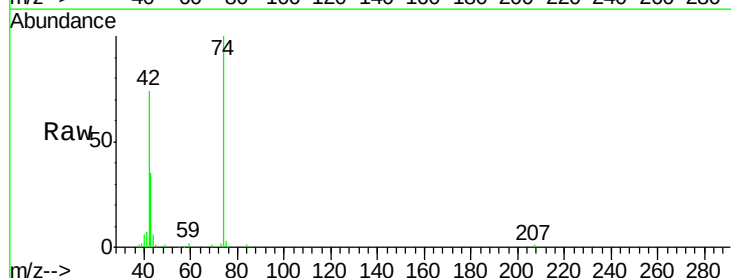
Tgt Ion: 42 Resp: 106000

Ion Ratio Lower Upper

42 100

74 134.6 104.9 157.3

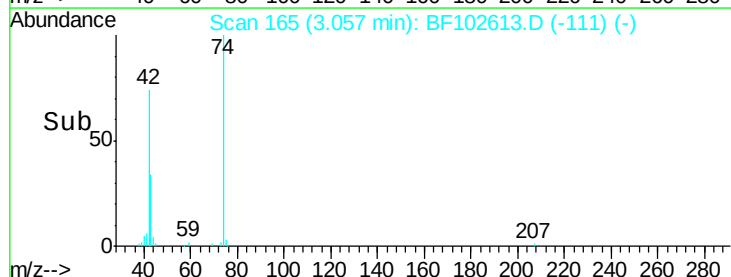
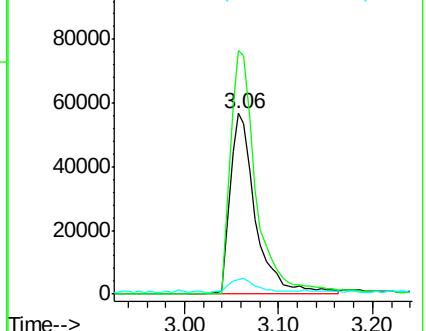
44 8.1 6.9 10.3

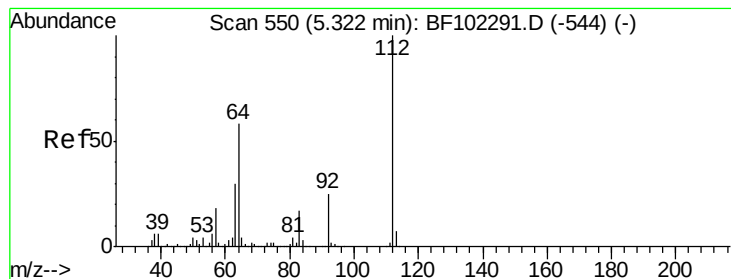


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 62.972 ng

RT: 5.33 min Scan# 551

Delta R.T. 0.01 min

Lab File: BF102613.D

Acq: 29 Jan 2018 22:38

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ClientSampleId :

EPE-106-5(5-10)MSD

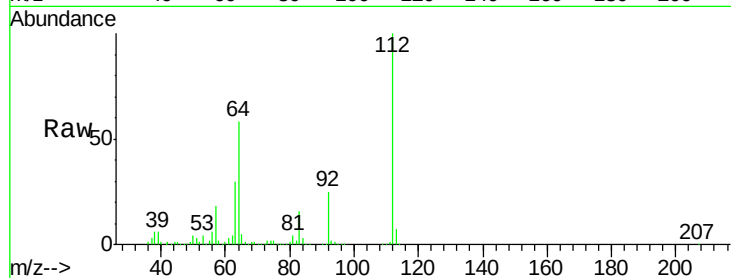
Tgt Ion: 112 Resp: 644723

Ion Ratio Lower Upper

112 100

64 58.4 47.9 71.9

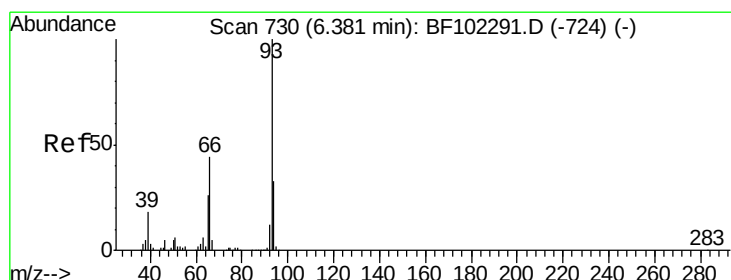
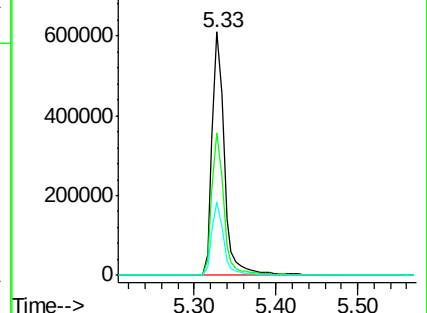
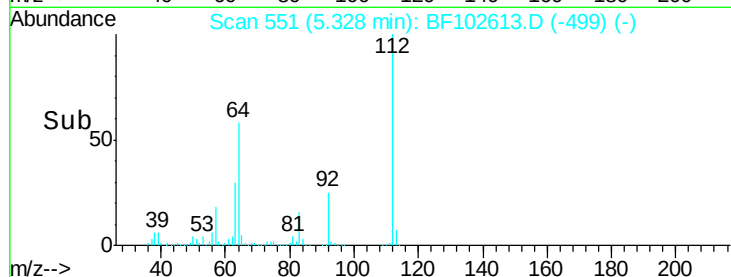
63 30.2 23.7 35.5



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



#6

Aniline

Concen: 11.063 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF102613.D

Acq: 29 Jan 2018 22:38

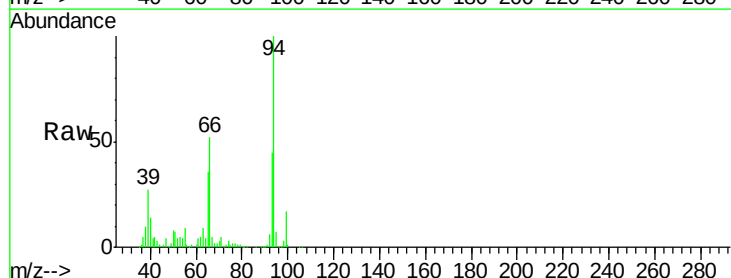
Tgt Ion: 93 Resp: 180616

Ion Ratio Lower Upper

93 100

66 115.4 32.2 48.2#

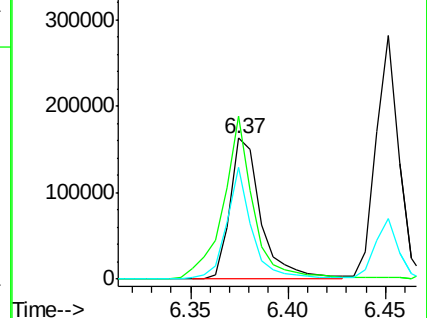
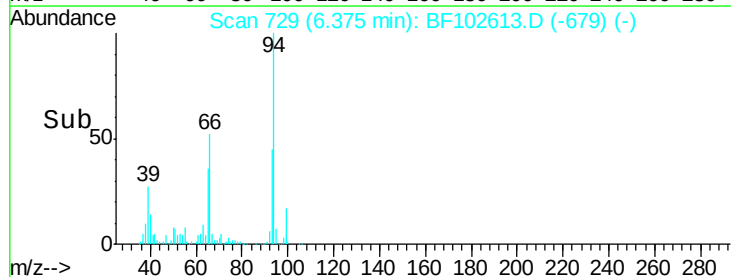
65 79.7 16.4 24.6#

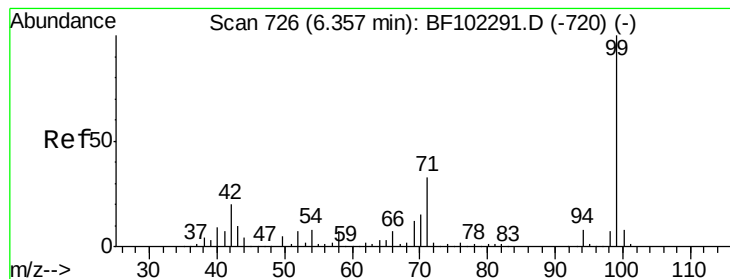


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 61.240 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF102613.D

Acq: 29 Jan 2018 22:38

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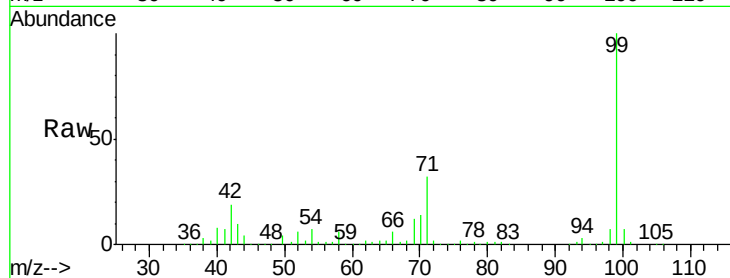
Tgt Ion: 99 Resp: 755900

Ion Ratio Lower Upper

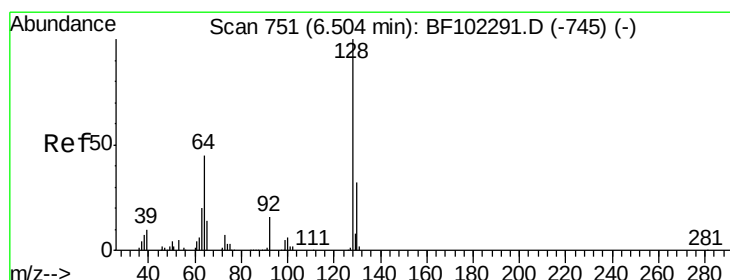
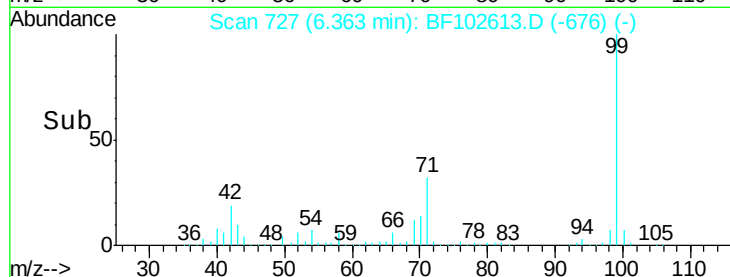
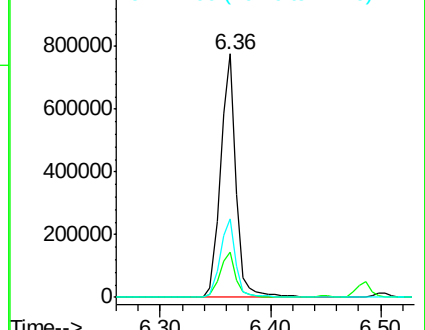
99 100

42 18.6 14.5 21.7

71 32.0 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: 22.343 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF102613.D

Acq: 29 Jan 2018 22:38

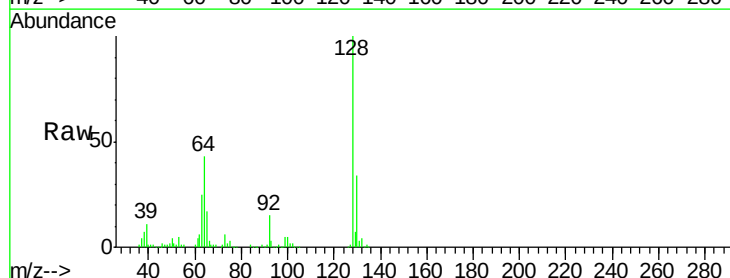
Tgt Ion: 128 Resp: 239794

Ion Ratio Lower Upper

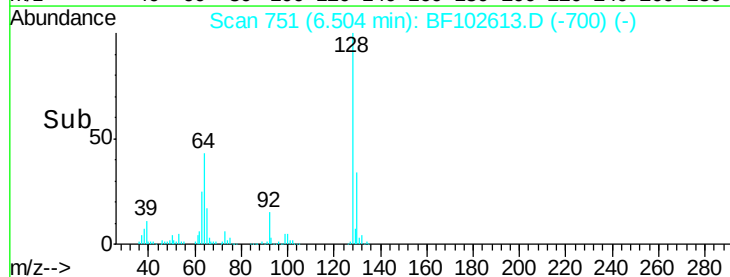
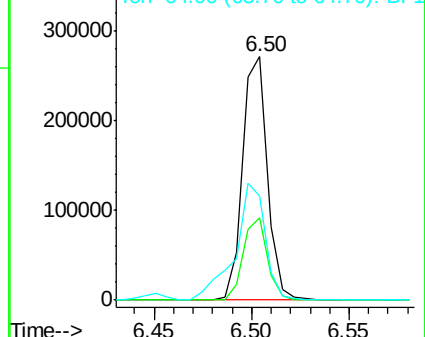
128 100

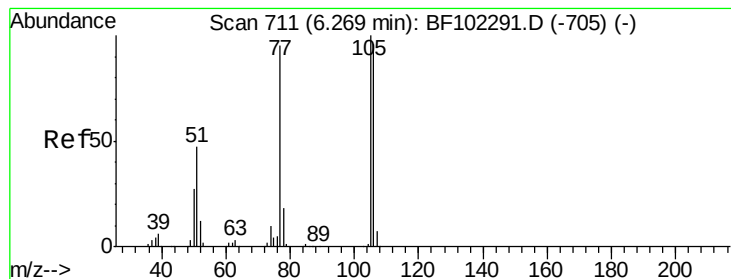
130 33.6 13.0 53.0

64 42.8 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): BF1
Ion 130.00 (129.70 to 130.70): BF1
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 11.827 ng

RT: 6.26 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF102613.D

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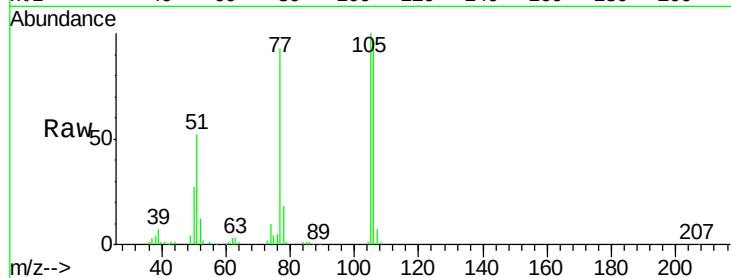
Tgt Ion: 77 Resp: 99955

Ion Ratio Lower Upper

77 100

105 107.9 81.1 121.1

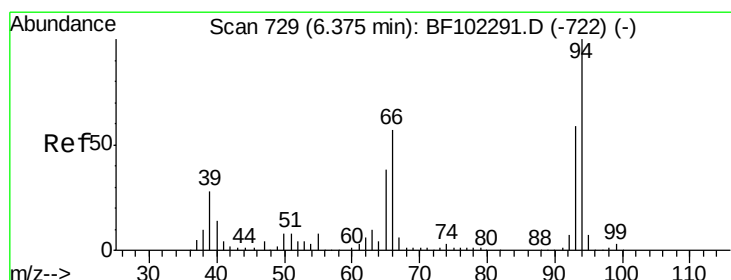
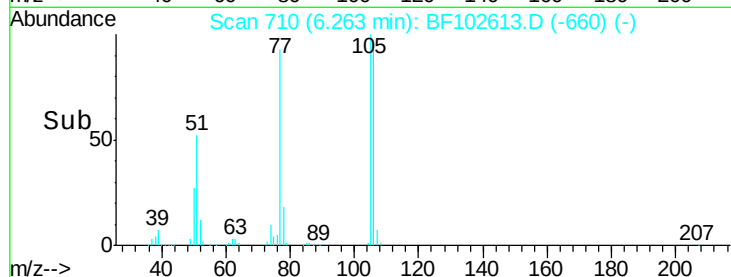
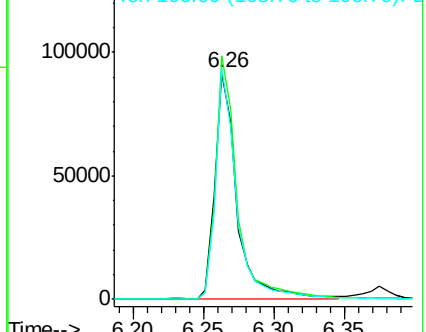
106 102.5 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 22.237 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF102613.D

Acq: 29 Jan 2018 22:38

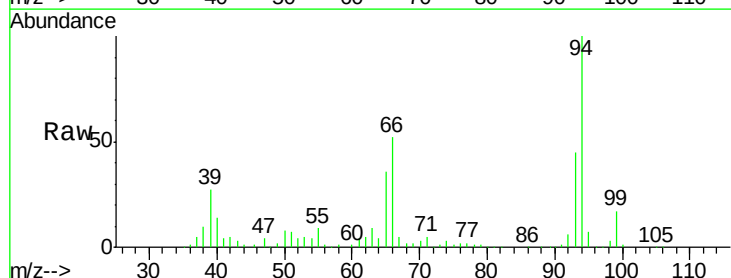
Tgt Ion: 94 Resp: 299653

Ion Ratio Lower Upper

94 100

65 36.1 7.9 47.9

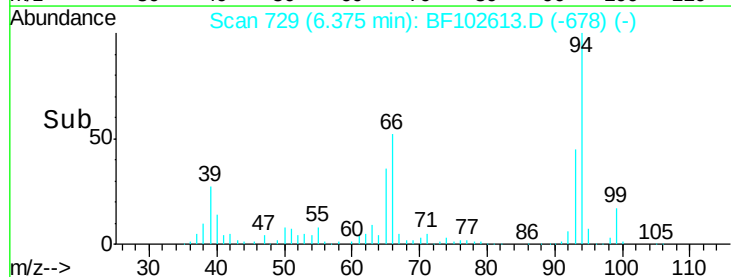
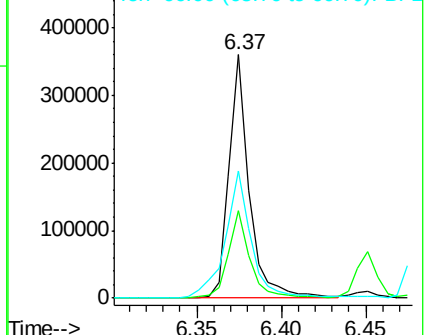
66 52.3 16.2 56.2

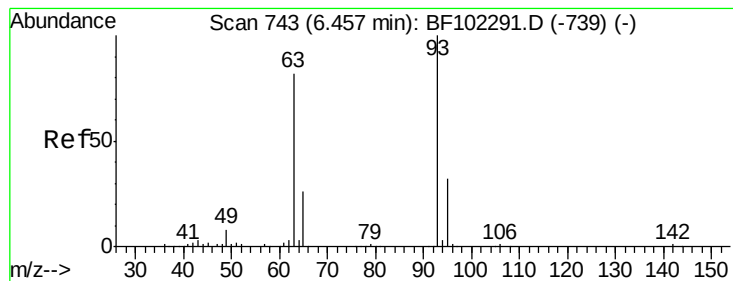


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 22.093 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF102613.D

Acq: 29 Jan 2018 22:38

Instrument :

BNA_F

ClientSampleId :

EPE-106-5(5-10)MSD

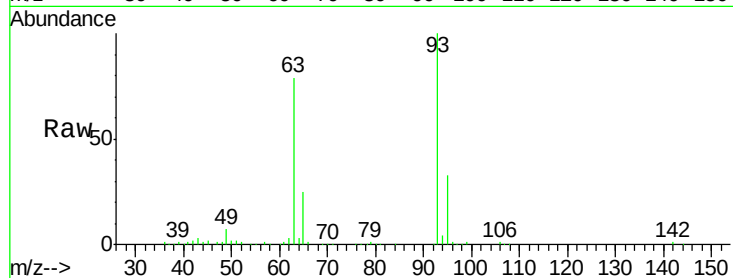
Tgt Ion: 93 Resp: 226434

Ion Ratio Lower Upper

93 100

63 79.5 58.6 98.6

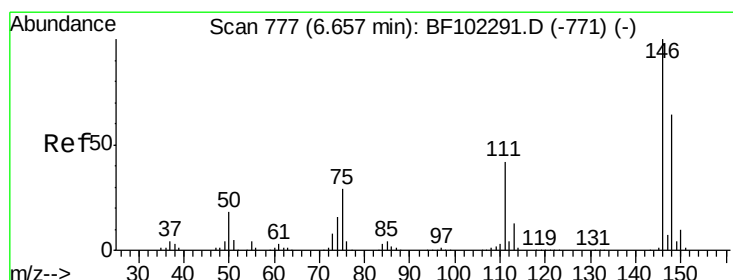
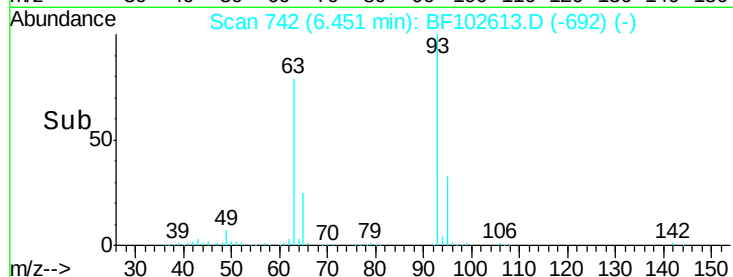
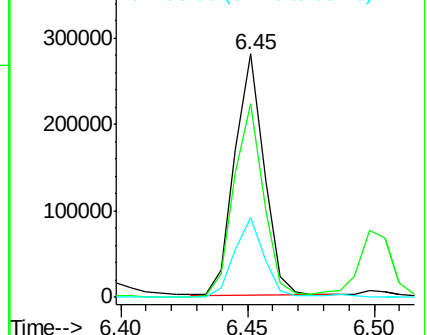
95 32.6 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 19.951 ng

RT: 6.65 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF102613.D

Acq: 29 Jan 2018 22:38

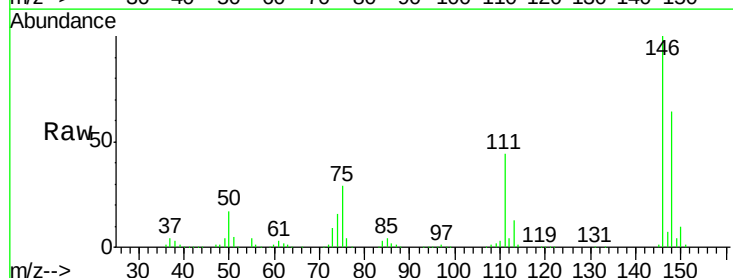
Tgt Ion: 146 Resp: 254662

Ion Ratio Lower Upper

146 100

148 64.1 51.8 77.8

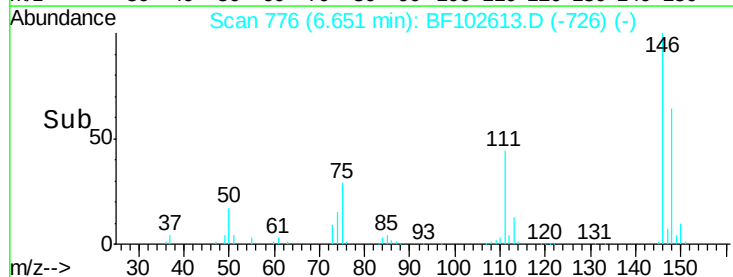
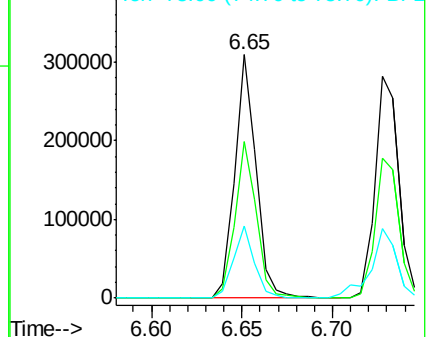
75 29.4 24.2 36.4

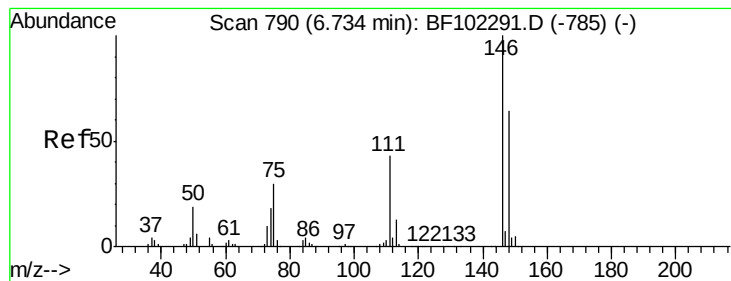


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 20.617 ng

RT: 6.73 min Scan# 789

Delta R.T. -0.01 min

Lab File: BF102613.D

Acq: 29 Jan 2018 22:38

Instrument :

BNA_F

ClientSampleId :

EPE-106-5(5-10)MSD

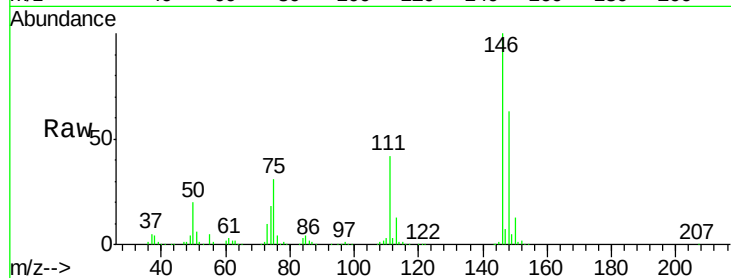
Tgt Ion:146 Resp: 263609

Ion Ratio Lower Upper

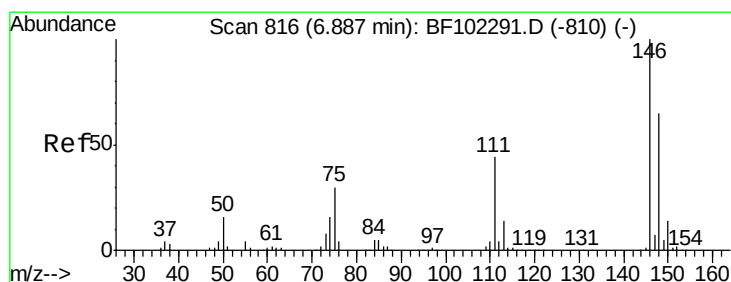
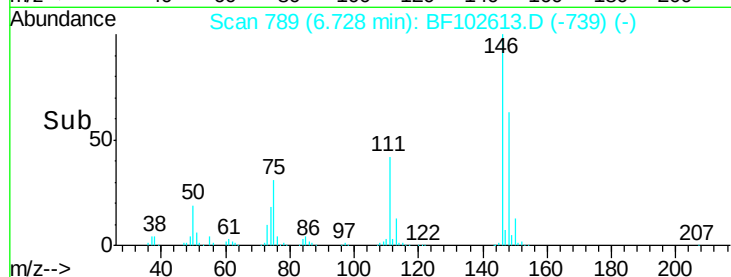
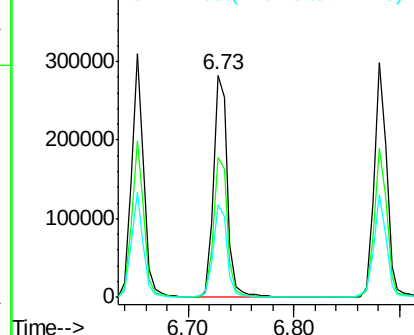
146 100

148 63.1 50.8 76.2

111 41.9 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: 20.799 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.01 min

Lab File: BF102613.D

Acq: 29 Jan 2018 22:38

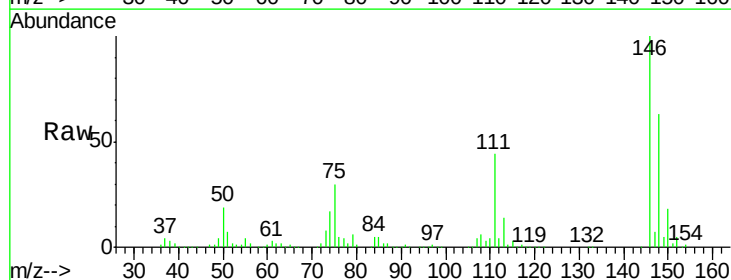
Tgt Ion:146 Resp: 243248

Ion Ratio Lower Upper

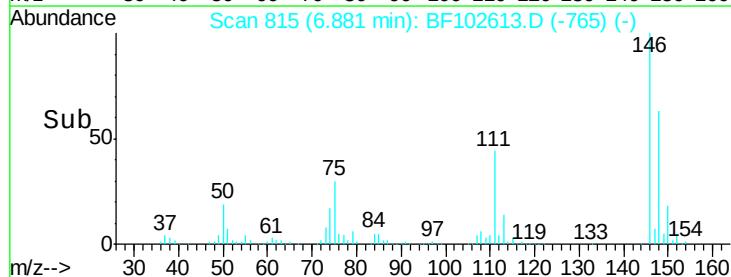
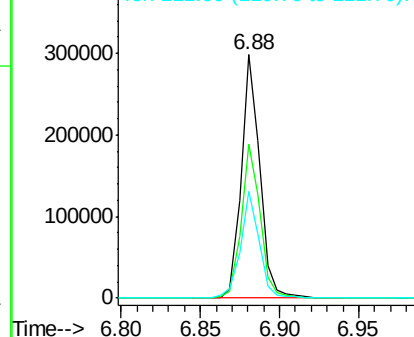
146 100

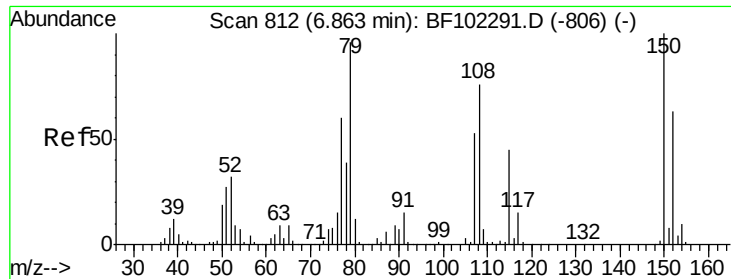
148 63.2 50.6 75.8

111 43.9 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

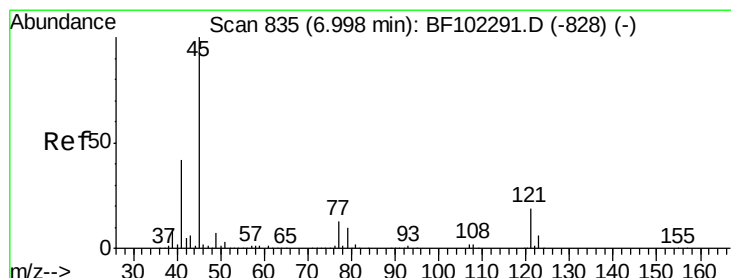
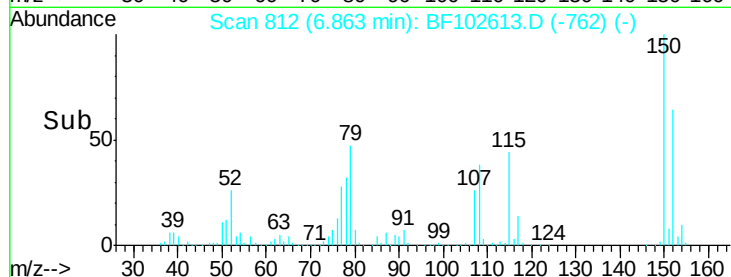
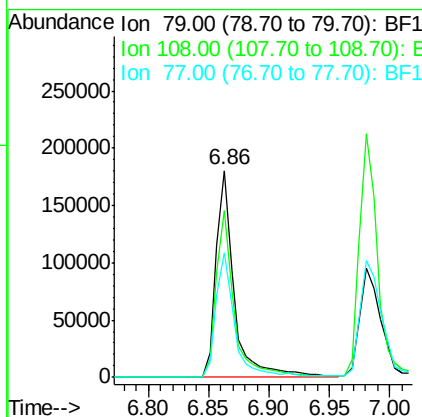
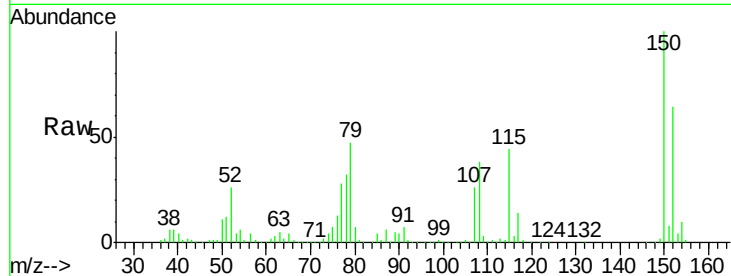




#15
Benzyl Alcohol
Concen: 21.465 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF102613.D
Acq: 29 Jan 2018 22:38

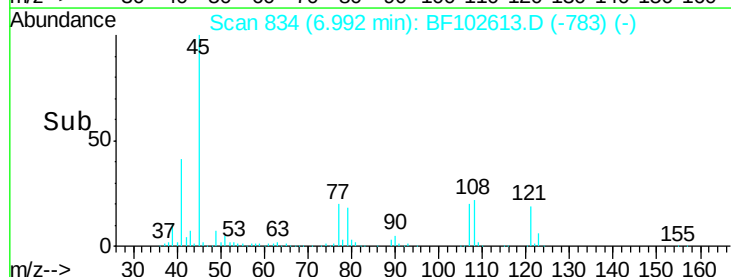
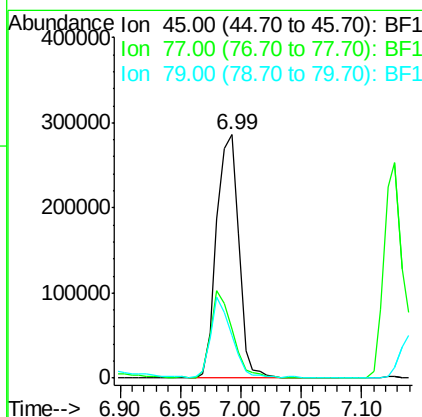
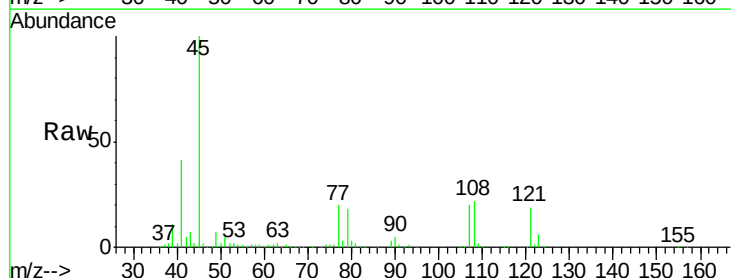
Instrument :
BNA_F
ClientSampleId :
EPE-106-5(5-10)MSD

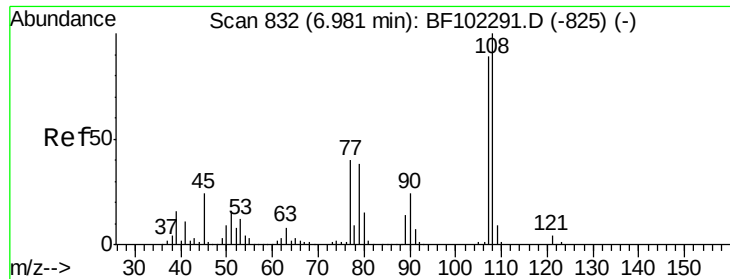
Tgt Ion: 79 Resp: 186938
Ion Ratio Lower Upper
79 100
108 80.3 65.1 97.7
77 60.2 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 21.185 ng
RT: 6.99 min Scan# 834
Delta R.T. -0.00 min
Lab File: BF102613.D
Acq: 29 Jan 2018 22:38

Tgt Ion: 45 Resp: 364157
Ion Ratio Lower Upper
45 100
77 20.2 0.0 32.9
79 17.6 0.0 29.6





#17

2-Methylphenol

Concen: 20.739 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF102613.D

Acq: 29 Jan 2018 22:38

Instrument :

BNA_F

ClientSampleId :

EPE-106-5(5-10)MSD

Tgt Ion:107 Resp: 193305

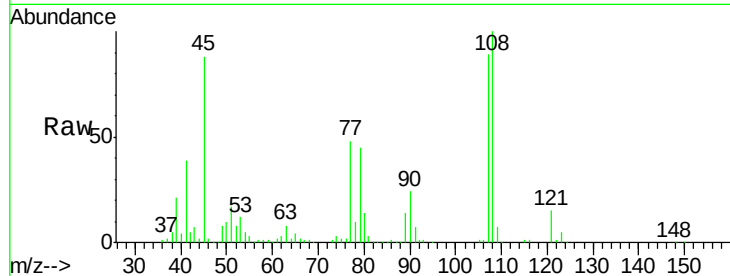
Ion Ratio Lower Upper

107 100

108 112.2 91.7 137.5

77 54.0 33.8 50.8#

79 50.6 33.8 50.8

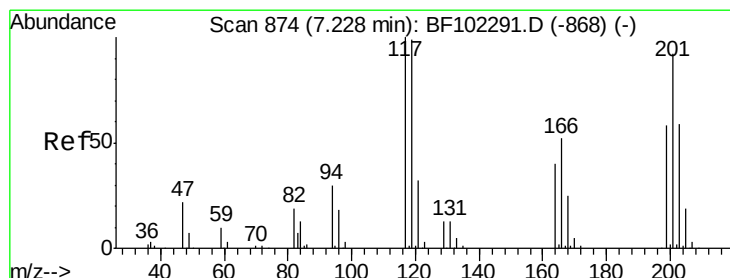
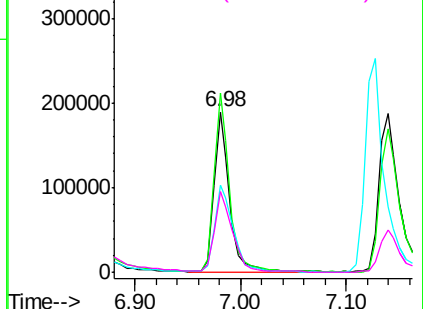
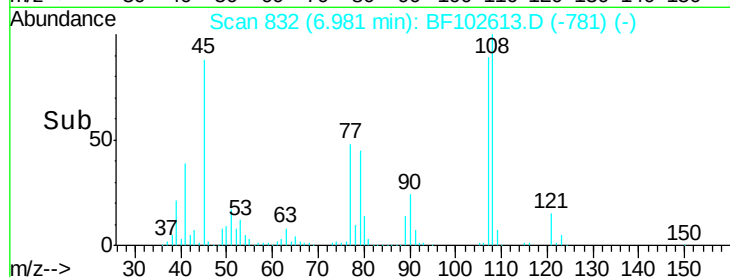


Abundance Ion 107.00 (106.70 to 107.70): E

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: 19.128 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.01 min

Lab File: BF102613.D

Acq: 29 Jan 2018 22:38

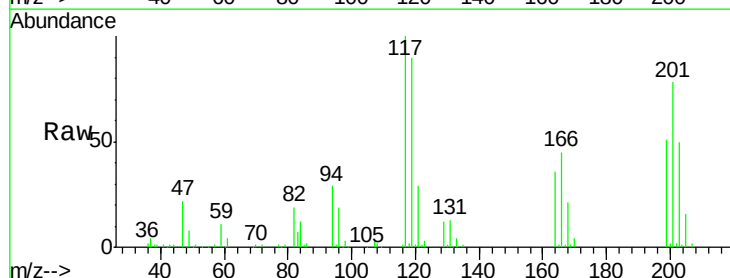
Tgt Ion:117 Resp: 85226

Ion Ratio Lower Upper

117 100

119 89.9 75.8 113.8

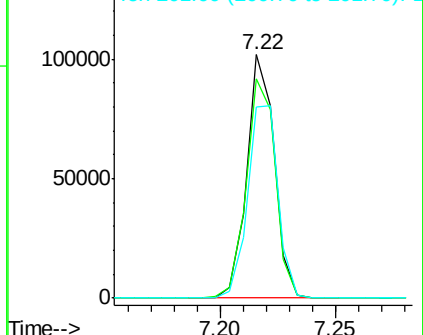
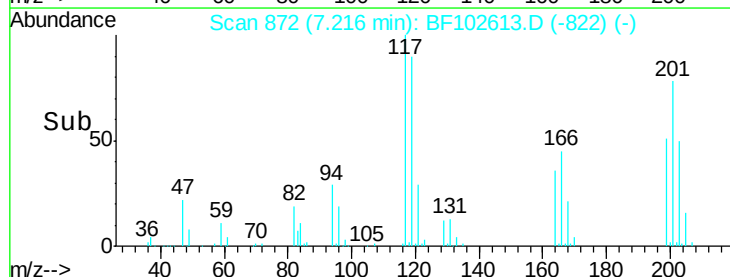
201 78.5 75.7 113.5

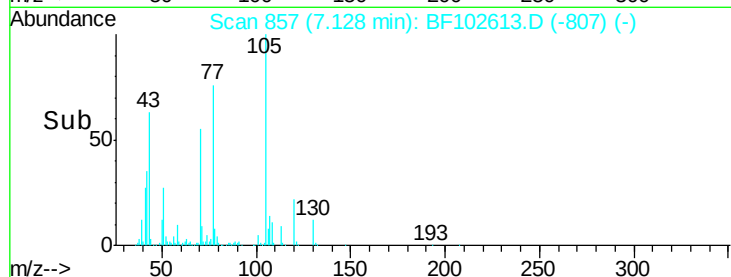
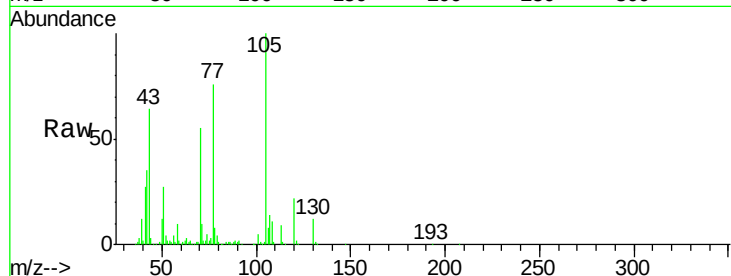
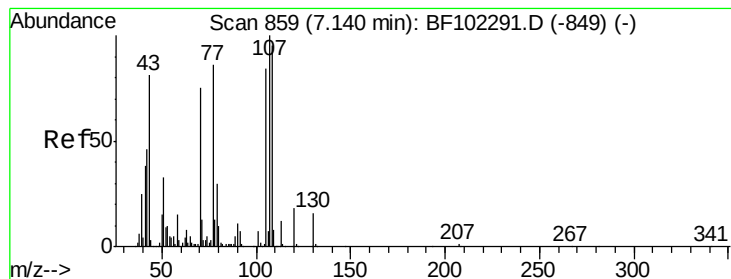


Abundance Ion 117.00 (116.70 to 117.70): E

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: 21.832 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.01 min

Lab File: BF102613.D

Acq: 29 Jan 2018 22:38

Instrument :

BNA_F

ClientSampleId :

EPE-106-5(5-10)MSD

Tgt Ion: 70 Resp: 164913

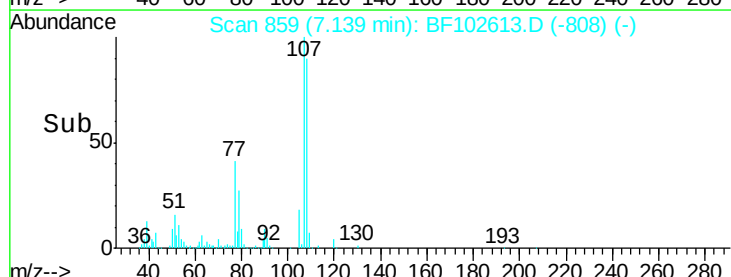
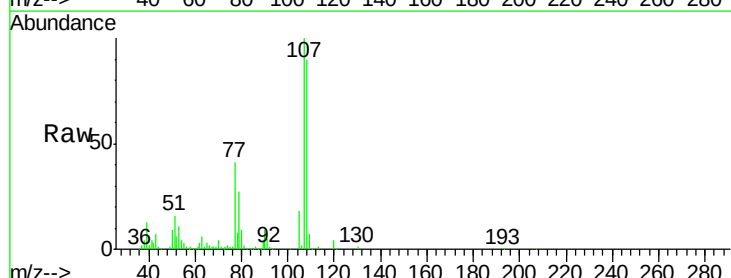
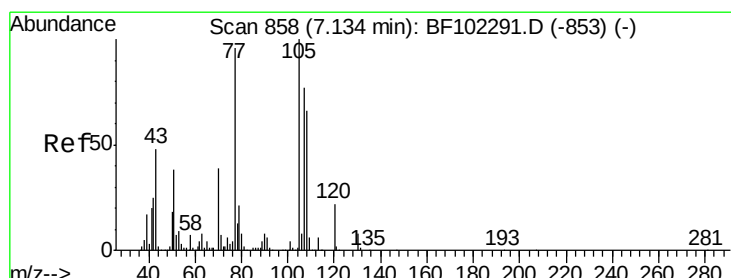
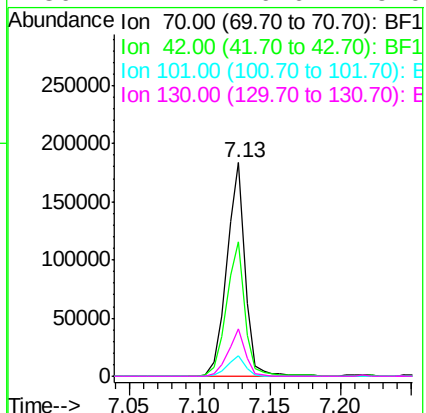
Ion Ratio Lower Upper

70 100

42 63.1 47.5 71.3

101 9.8 7.4 11.2

130 22.4 16.6 25.0



#20

3+4-Methylphenols

Concen: 23.462 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.00 min

Lab File: BF102613.D

Acq: 29 Jan 2018 22:38

Tgt Ion: 107 Resp: 257206

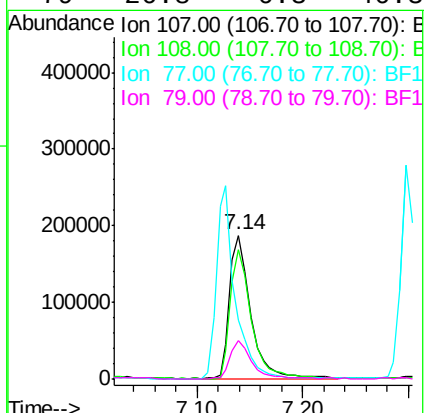
Ion Ratio Lower Upper

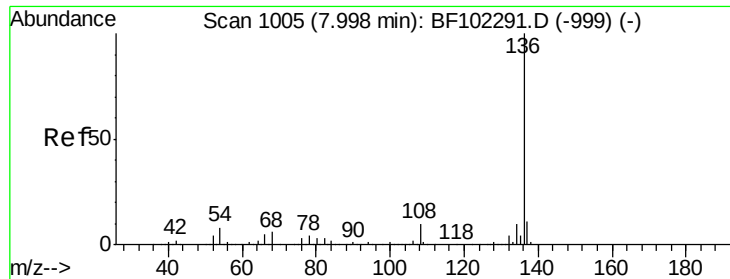
107 100

108 89.9 68.2 108.2

77 41.0 26.7 66.7

79 26.8 6.3 46.3

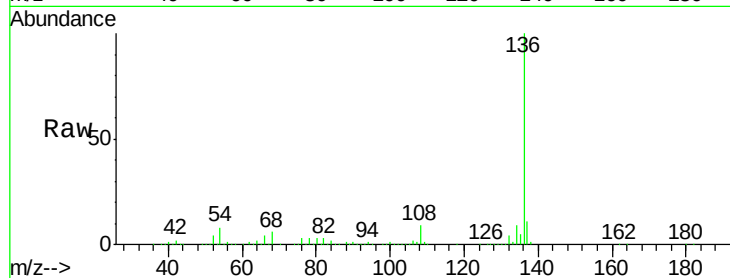




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF102613.D
Acq: 29 Jan 2018 22:38

Instrument :
BNA_F
ClientSampleId :
EPE-106-5(5-10)MSD

Tgt Ion:	136	Resp:	638111
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	8.0	6.6	9.8
68	5.8	5.0	7.4

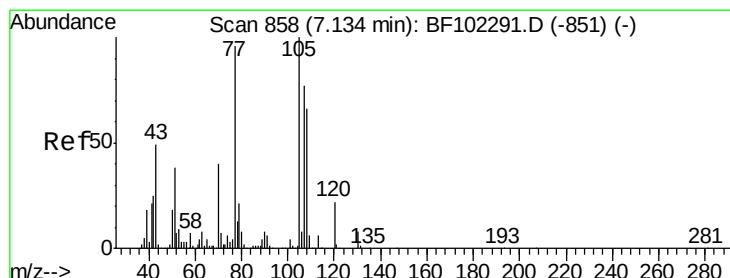
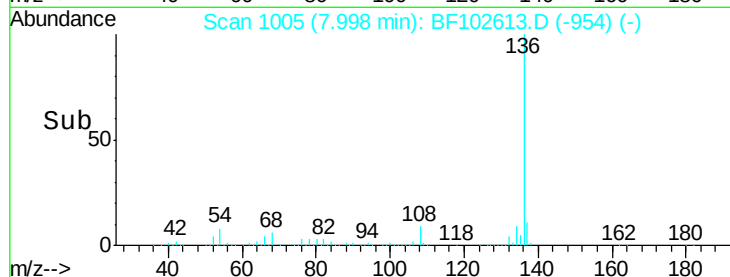
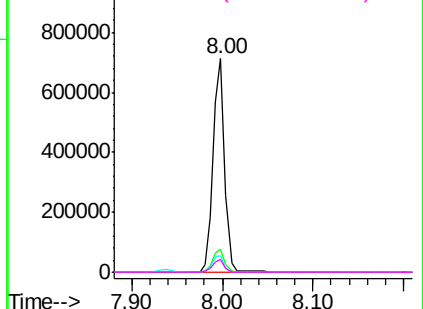


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

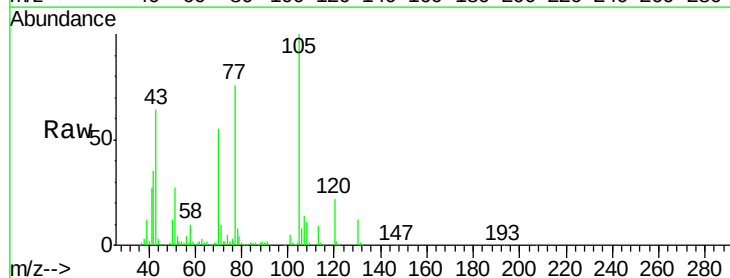
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 22.195 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF102613.D
Acq: 29 Jan 2018 22:38

Tgt Ion:	105	Resp:	337616
Ion	Ratio	Lower	Upper
105	100		
71	9.5	4.4	6.6#
51	26.8	22.3	33.5
120	21.9	16.9	25.3

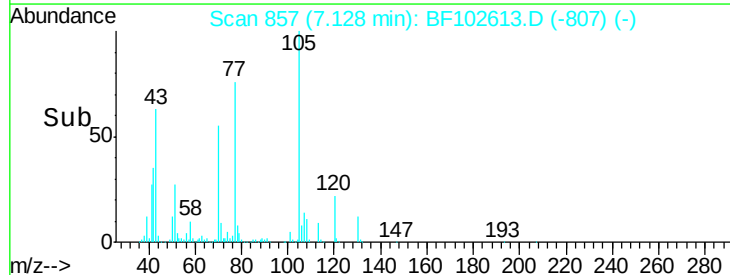
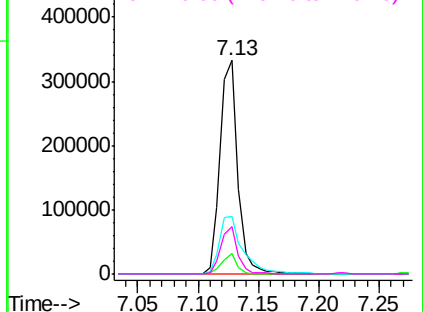


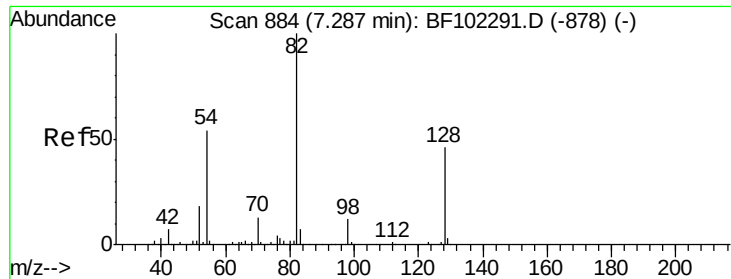
Abundance Ion 105.00 (104.70 to 105.70): E

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

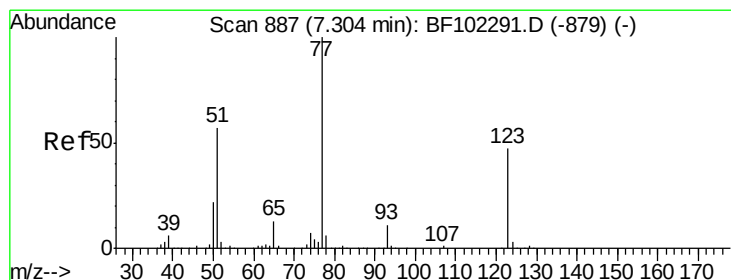
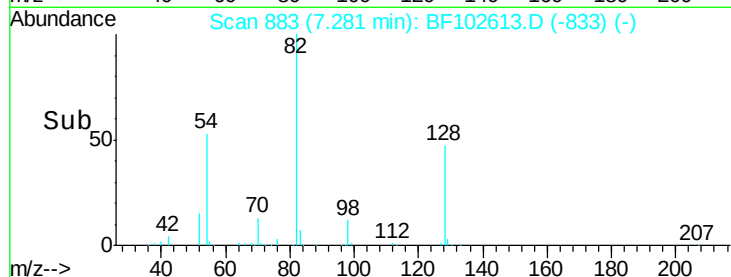
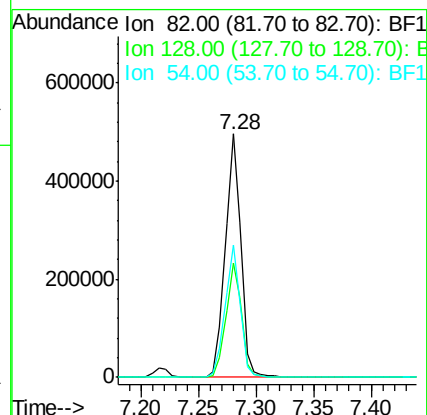
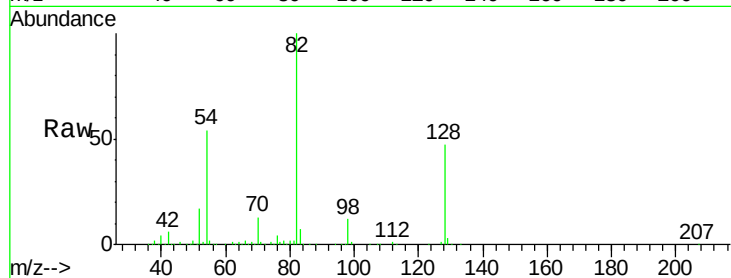




#23
 Nitrobenzene-d5
 Concen: 42.079 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF102613.D
 Acq: 29 Jan 2018 22:38

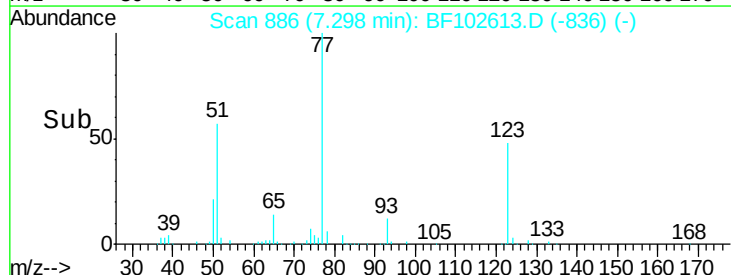
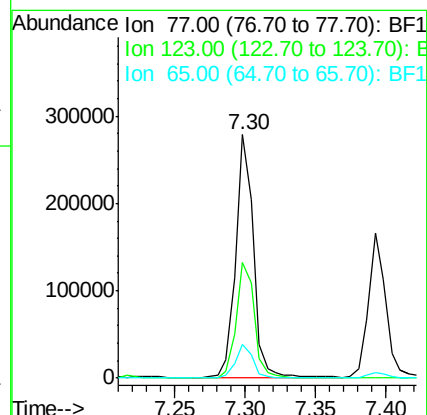
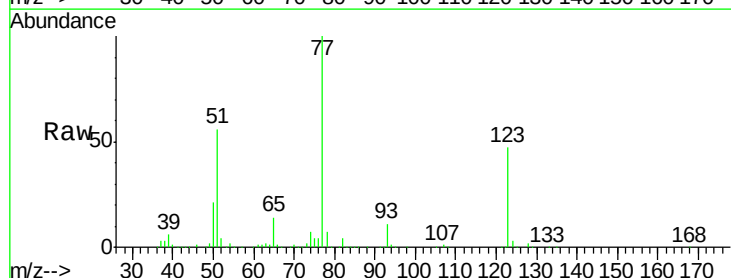
Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-5(5-10)MSD

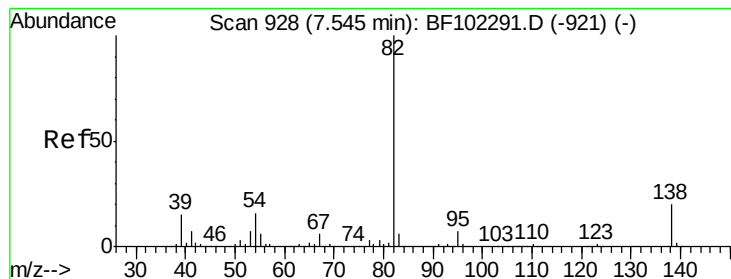
Tgt Ion: 82 Resp: 467245
 Ion Ratio Lower Upper
 82 100
 128 47.2 36.1 54.1
 54 54.5 41.4 62.2



#24
 Nitrobenzene
 Concen: 21.230 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BF102613.D
 Acq: 29 Jan 2018 22:38

Tgt Ion: 77 Resp: 241252
 Ion Ratio Lower Upper
 77 100
 123 47.3 37.9 56.9
 65 13.6 11.0 16.4





#25

Isophorone

Concen: 22.138 ng

RT: 7.54 min Scan# 927

Delta R.T. -0.01 min

Lab File: BF102613.D

Acq: 29 Jan 2018 22:38

Instrument :

BNA_F

ClientSampleId :

EPE-106-5(5-10)MSD

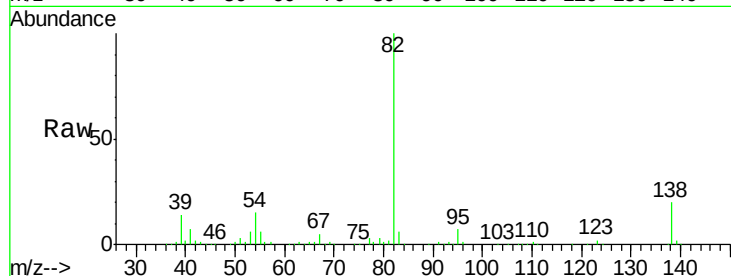
Tgt Ion: 82 Resp: 438237

Ion Ratio Lower Upper

82 100

95 7.1 5.2 7.8

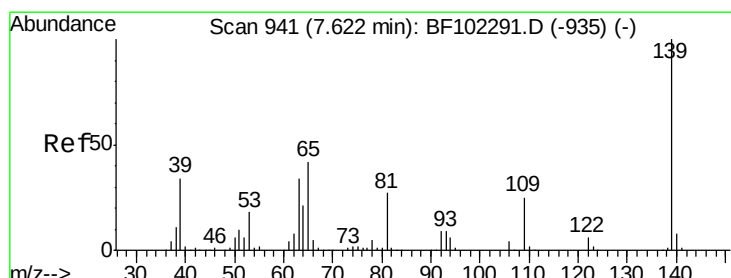
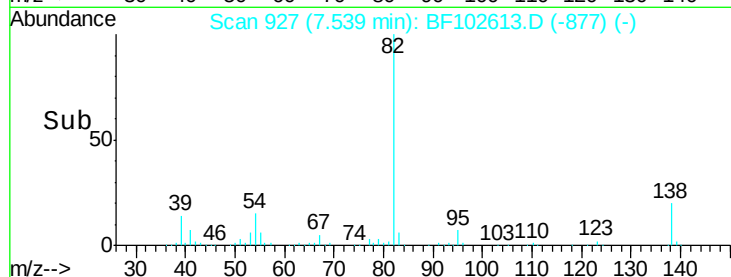
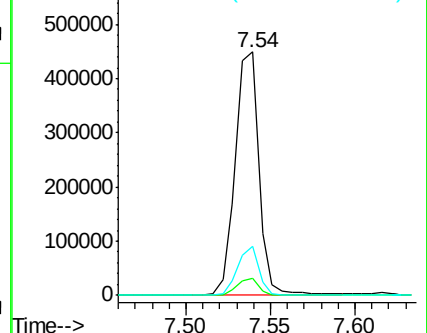
138 20.0 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 18.738 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF102613.D

Acq: 29 Jan 2018 22:38

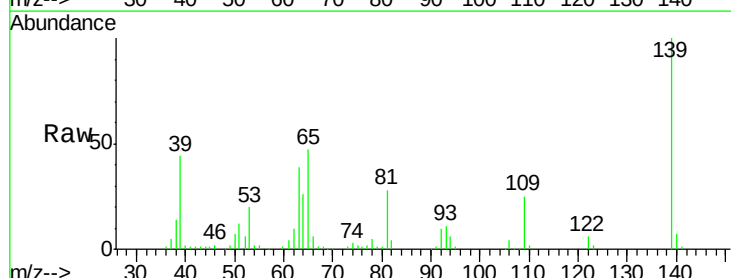
Tgt Ion: 139 Resp: 112064

Ion Ratio Lower Upper

139 100

109 24.6 22.7 34.1

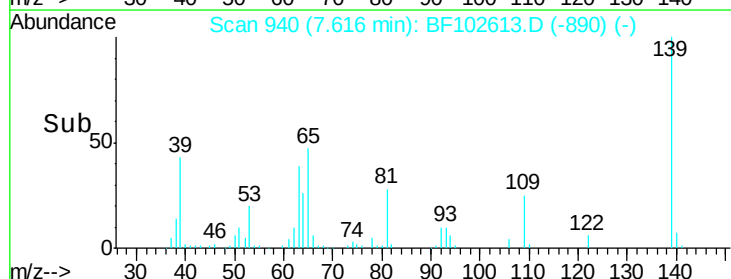
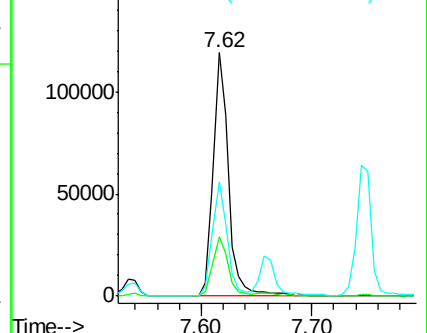
65 47.2 40.5 60.7

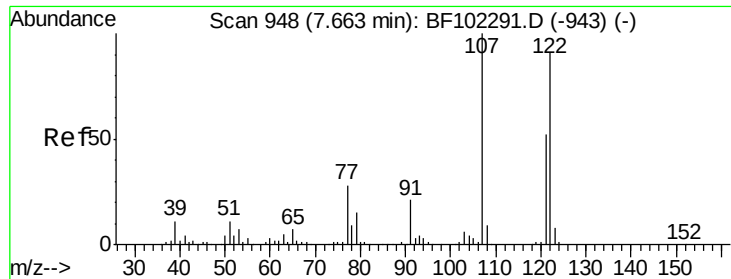


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

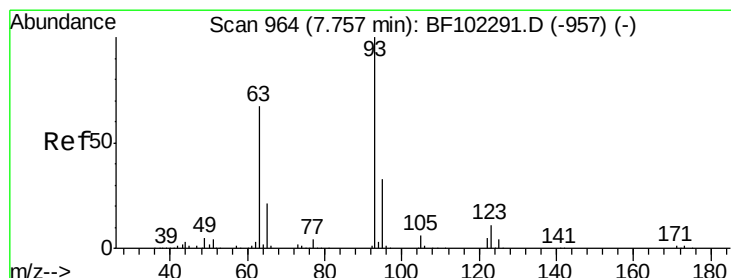
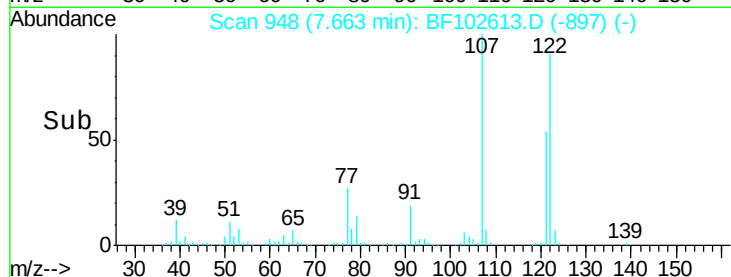
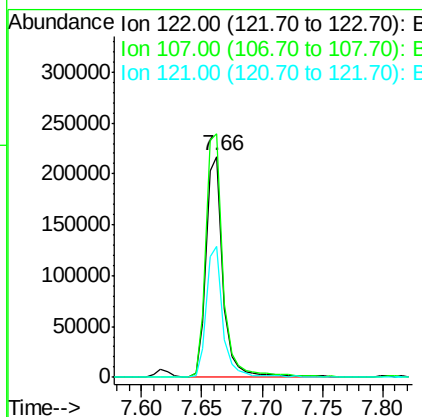
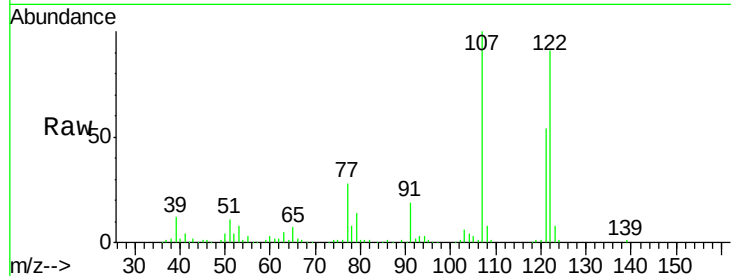




#27
2,4-Dimethylphenol
Concen: 24.360 ng
RT: 7.66 min Scan# 948
Delta R.T. -0.00 min
Lab File: BF102613.D
Acq: 29 Jan 2018 22:38

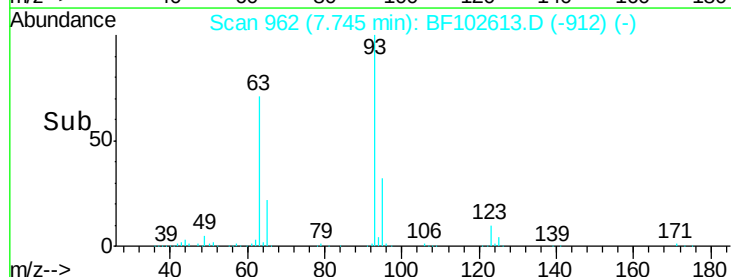
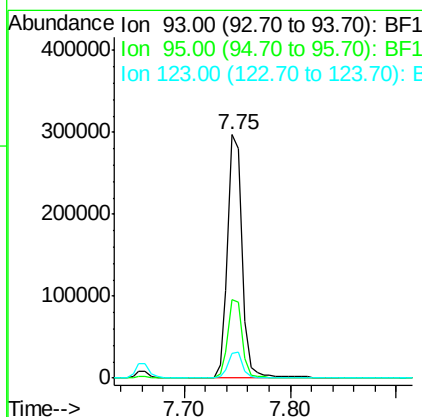
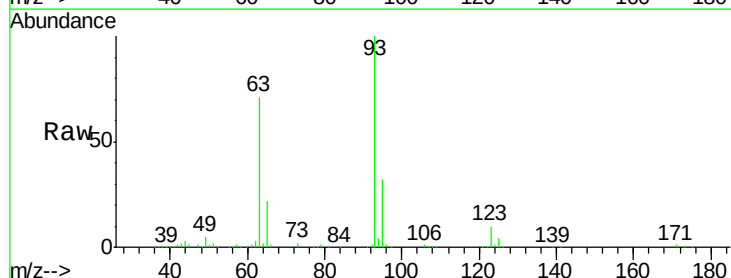
Instrument :
BNA_F
ClientSampleId :
EPE-106-5(5-10)MSD

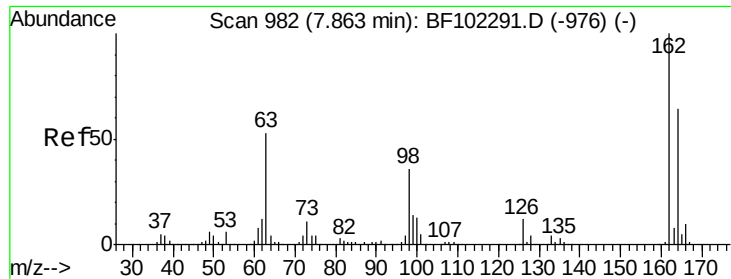
Tgt Ion:122 Resp: 211554
Ion Ratio Lower Upper
122 100
107 110.1 91.2 136.8
121 59.2 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 23.474 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.01 min
Lab File: BF102613.D
Acq: 29 Jan 2018 22:38

Tgt Ion: 93 Resp: 287057
Ion Ratio Lower Upper
93 100
95 32.4 26.3 39.5
123 10.1 9.8 14.6

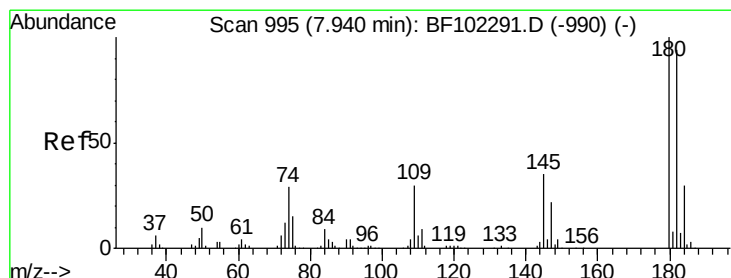
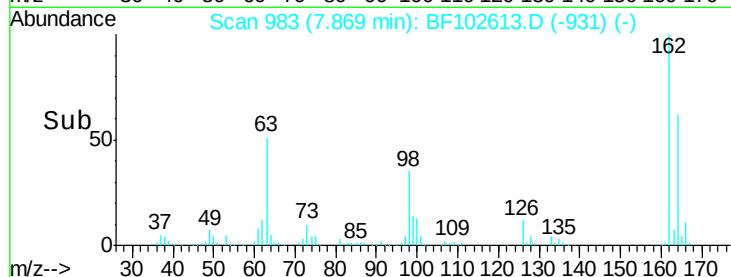
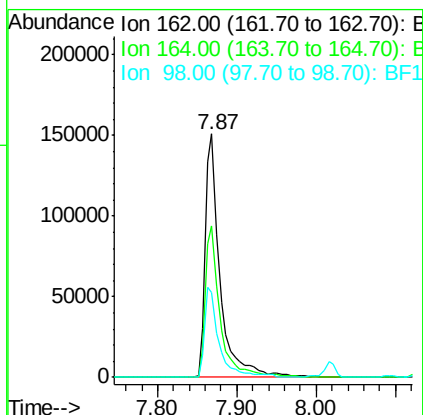
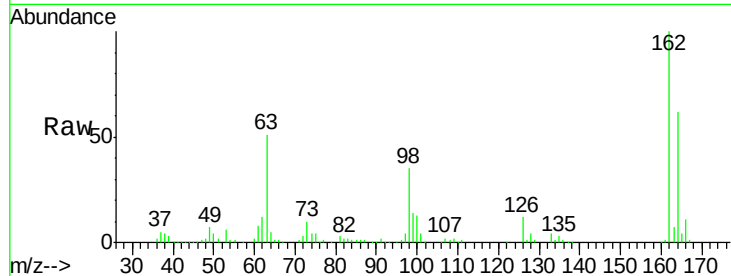




#29
2,4-Dichlorophenol
Concen: 22.377 ng
RT: 7.87 min Scan# 983
Delta R.T. 0.01 min
Lab File: BF102613.D
Acq: 29 Jan 2018 22:38

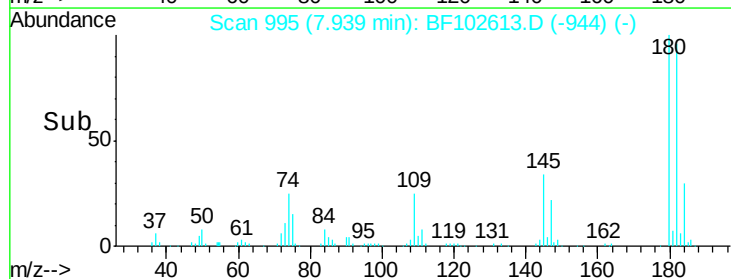
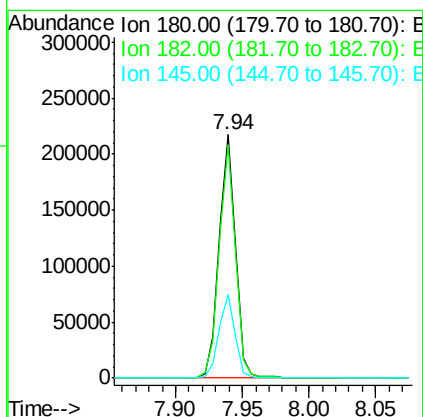
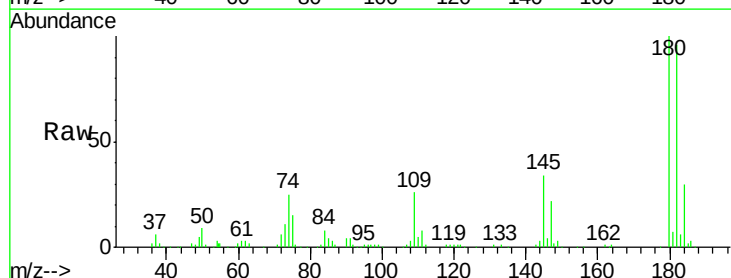
Instrument :
BNA_F
ClientSampleId :
EPE-106-5(5-10)MSD

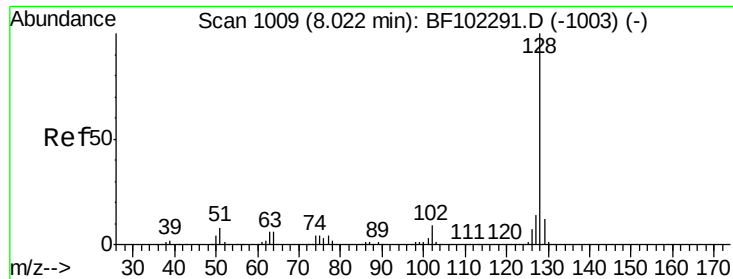
Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.2	42.7	82.7
98	35.0	18.1	58.1



#30
1,2,4-Trichlorobenzene
Concen: 20.161 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.00 min
Lab File: BF102613.D
Acq: 29 Jan 2018 22:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	76.8	115.2
145	34.4	26.5	39.7

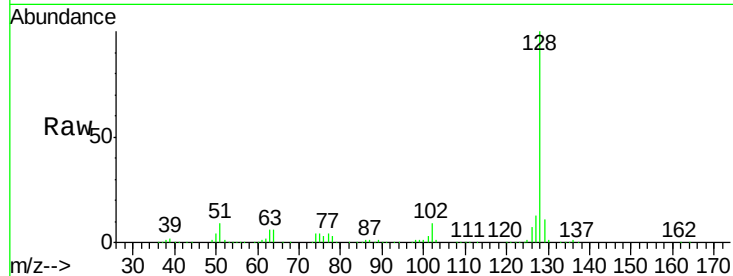




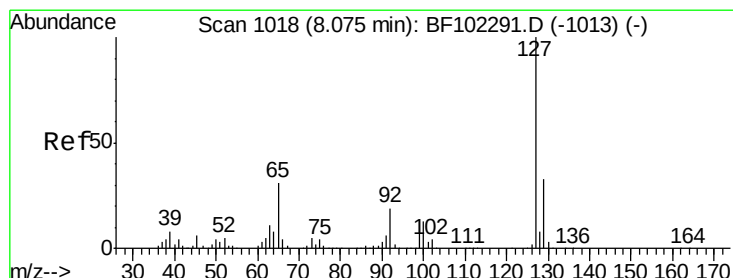
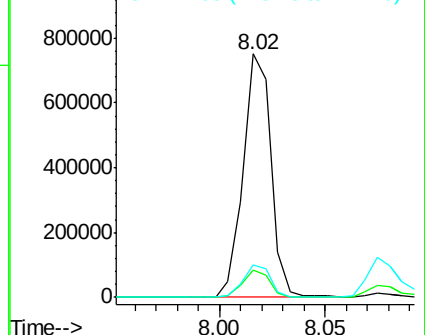
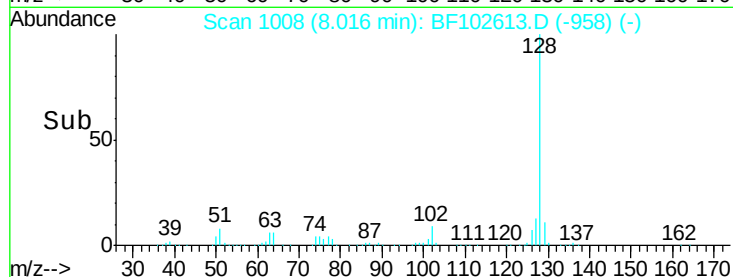
#31
Naphthalene
Concen: 21.592 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF102613.D
Acq: 29 Jan 2018 22:38

Instrument :
BNA_F
ClientSampleId :
EPE-106-5(5-10)MSD

Tgt Ion:128 Resp: 687925
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 13.2 10.9 16.3

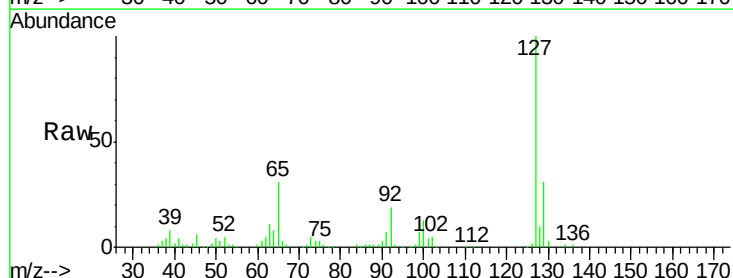


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

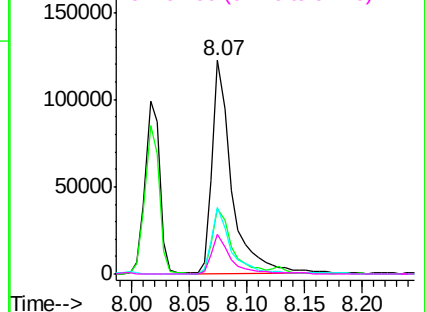
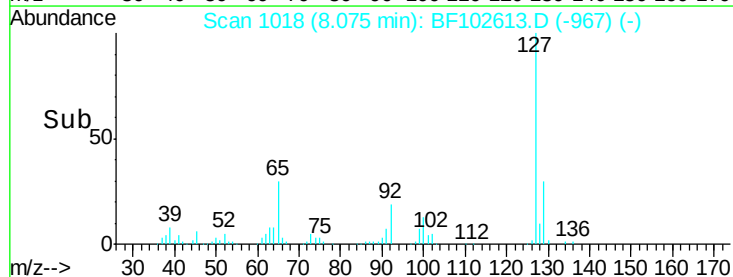


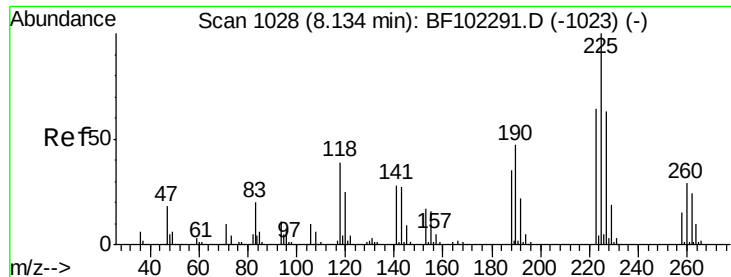
#33
4-Chloroaniline
Concen: 10.839 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF102613.D
Acq: 29 Jan 2018 22:38

Tgt Ion:127 Resp: 145209
Ion Ratio Lower Upper
127 100
129 30.5 25.9 38.9
65 30.9 25.0 37.4
92 18.6 15.2 22.8



Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

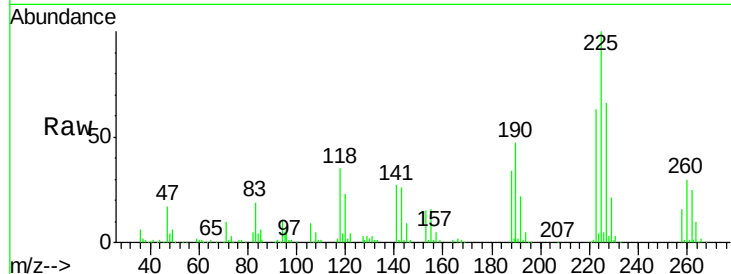




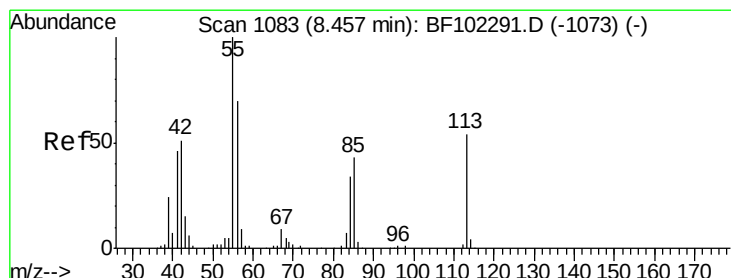
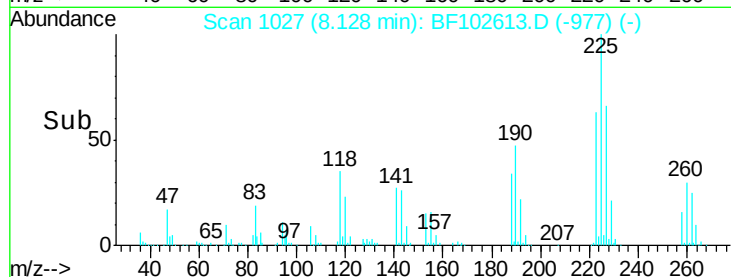
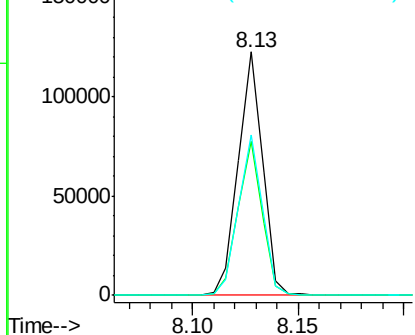
#34
Hexachlorobutadiene
Concen: 19.260 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF102613.D
Acq: 29 Jan 2018 22:38

Instrument :
BNA_F
ClientSampleId :
EPE-106-5(5-10)MSD

Tgt Ion: 225 Resp: 97544
Ion Ratio Lower Upper
225 100
223 63.3 50.6 76.0
227 65.9 51.9 77.9

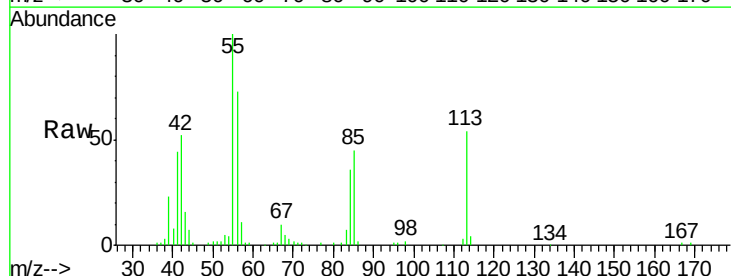


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

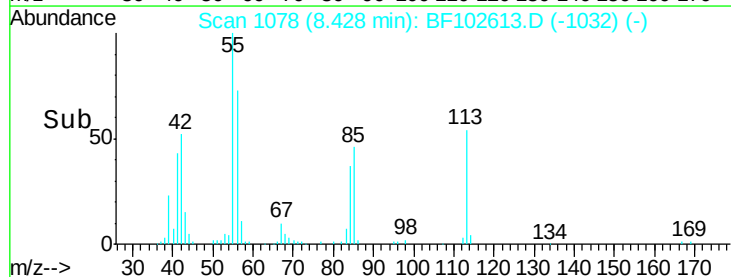
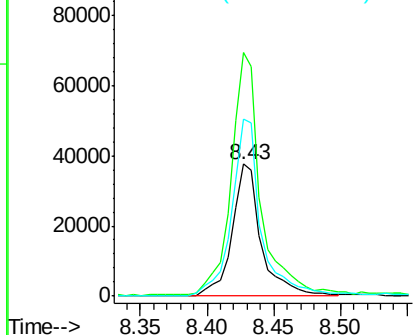


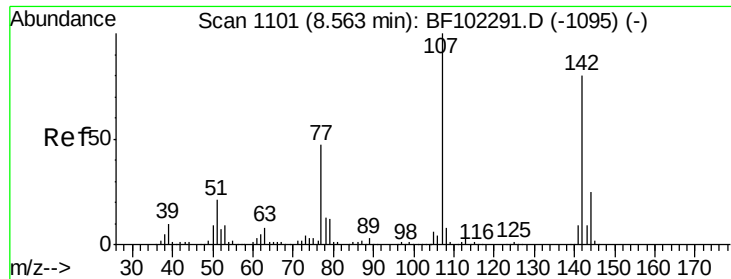
#35
Caprolactam
Concen: 19.683 ng
RT: 8.43 min Scan# 1078
Delta R.T. -0.03 min
Lab File: BF102613.D
Acq: 29 Jan 2018 22:38

Tgt Ion: 113 Resp: 57505
Ion Ratio Lower Upper
113 100
55 184.9 163.3 203.3
56 134.9 115.7 155.7



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

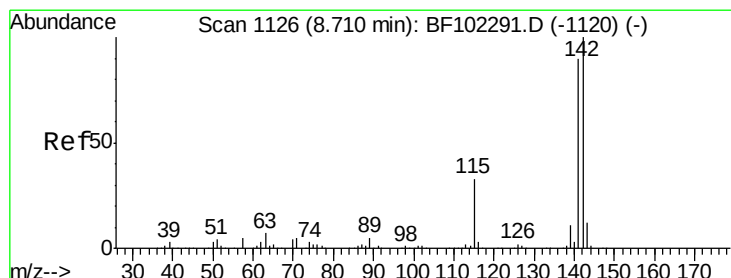
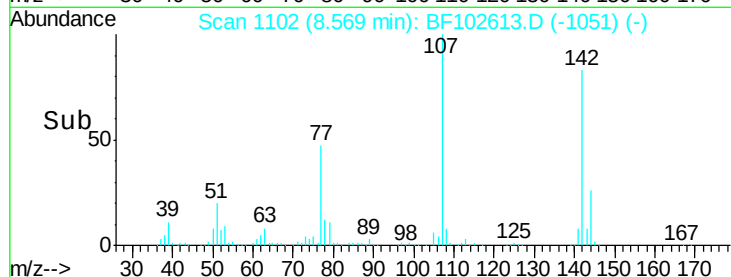
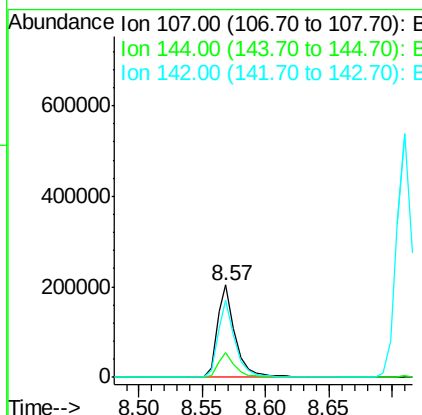
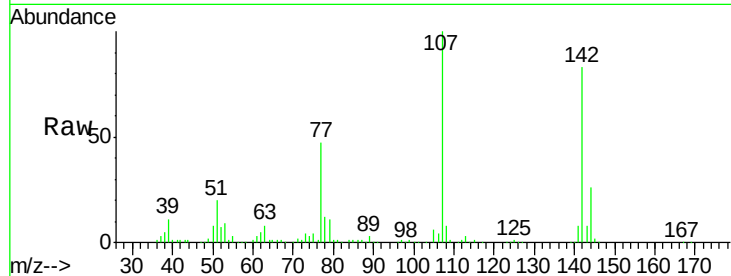




#36
 4-Chloro-3-methylphenol
 Concen: 21.681 ng
 RT: 8.57 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: BF102613.D
 Acq: 29 Jan 2018 22:38

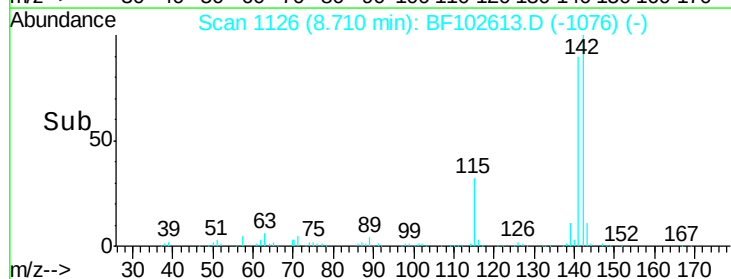
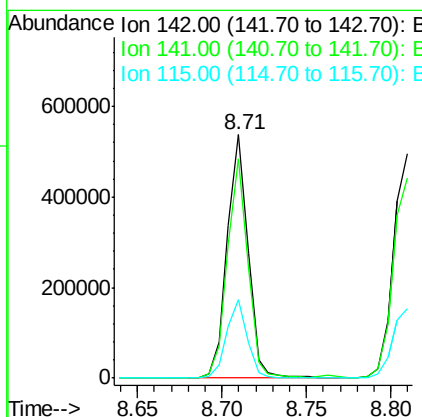
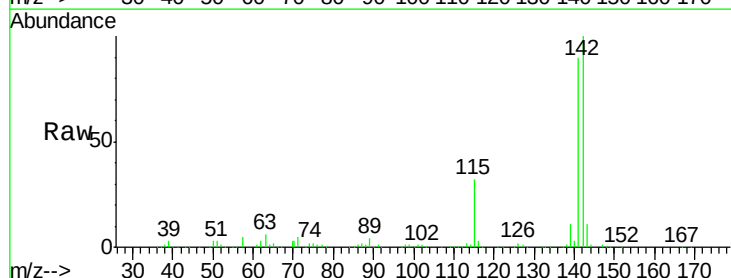
Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-5(5-10)MSD

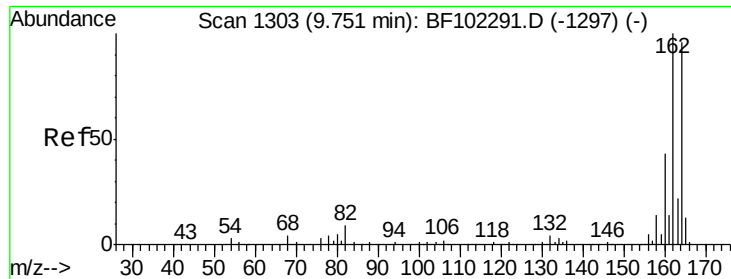
Tgt Ion:107 Resp: 202160
 Ion Ratio Lower Upper
 107 100
 144 26.4 20.5 30.7
 142 83.3 62.0 93.0



#37
 2-Methylnaphthalene
 Concen: 21.847 ng
 RT: 8.71 min Scan# 1126
 Delta R.T. -0.01 min
 Lab File: BF102613.D
 Acq: 29 Jan 2018 22:38

Tgt Ion:142 Resp: 463541
 Ion Ratio Lower Upper
 142 100
 141 90.2 70.8 106.2
 115 32.1 26.1 39.1

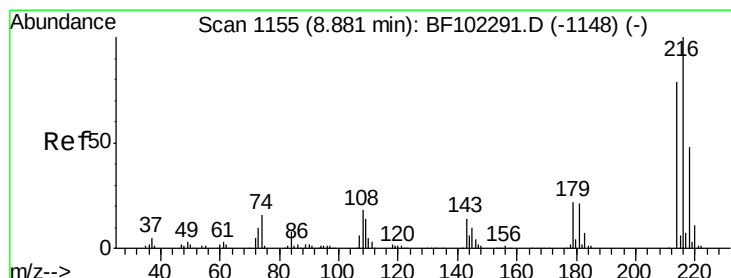
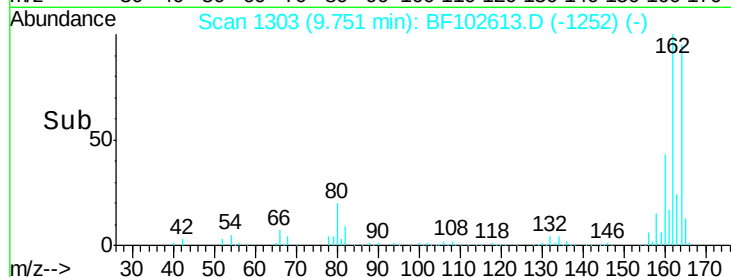
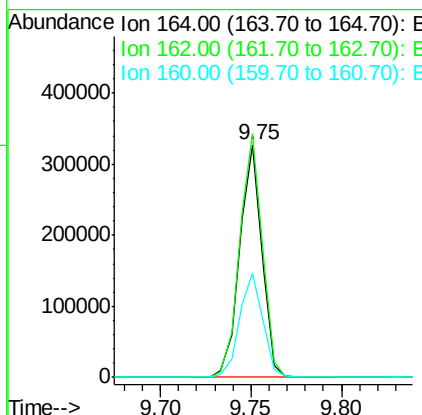
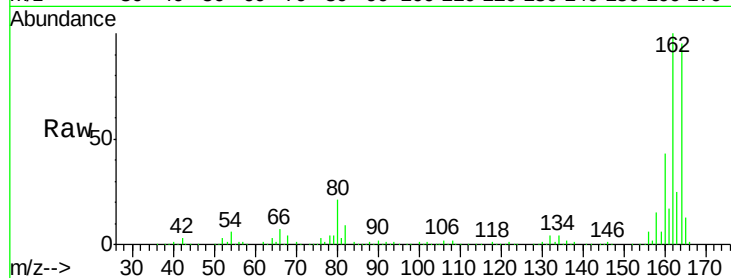




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.00 min
 Lab File: BF102613.D
 Acq: 29 Jan 2018 22:38

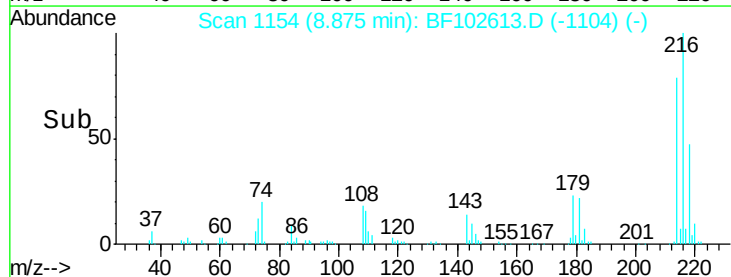
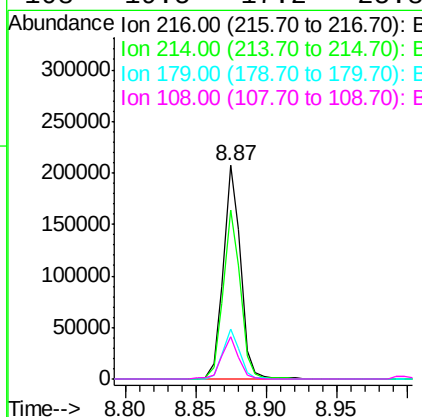
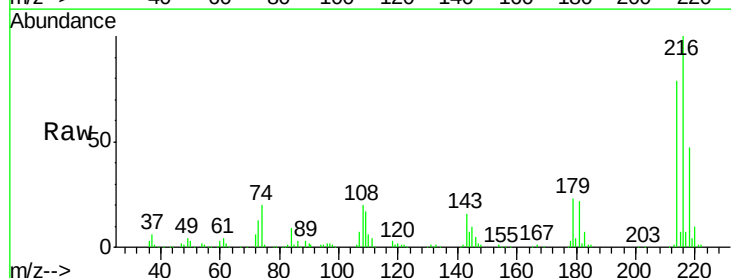
Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-5(5-10)MSD

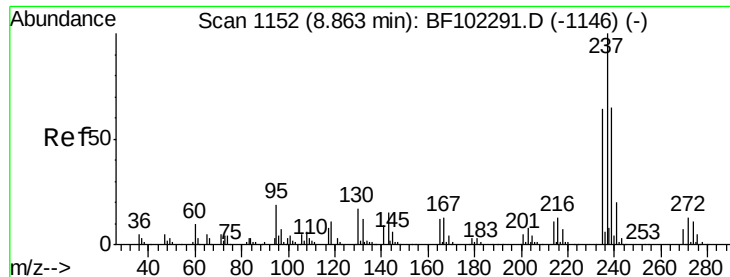
Tgt Ion:164 Resp: 278385
 Ion Ratio Lower Upper
 164 100
 162 104.7 86.1 129.1
 160 44.9 38.3 57.5



#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 21.043 ng
 RT: 8.87 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BF102613.D
 Acq: 29 Jan 2018 22:38

Tgt Ion:216 Resp: 176244
 Ion Ratio Lower Upper
 216 100
 214 78.5 63.0 94.4
 179 23.1 18.1 27.1
 108 19.5 17.2 25.8





#40

Hexachlorocyclopentadiene

Concen: 4.263 ng

RT: 8.86 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BF102613.D

Acq: 29 Jan 2018 22:38

Instrument :

BNA_F

ClientSampleId :

EPE-106-5(5-10)MSD

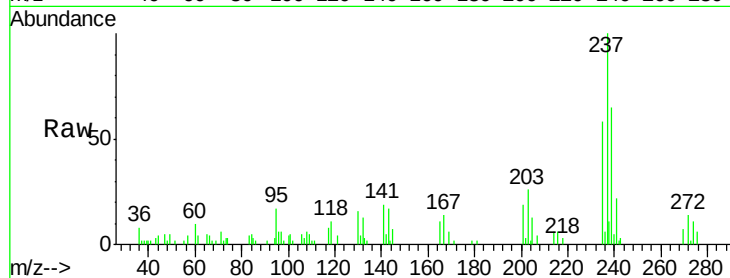
Tgt Ion: 237 Resp: 15980

Ion Ratio Lower Upper

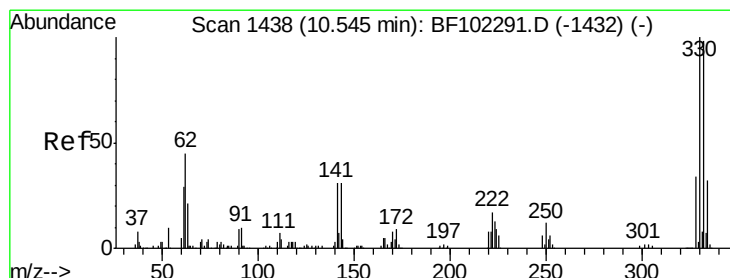
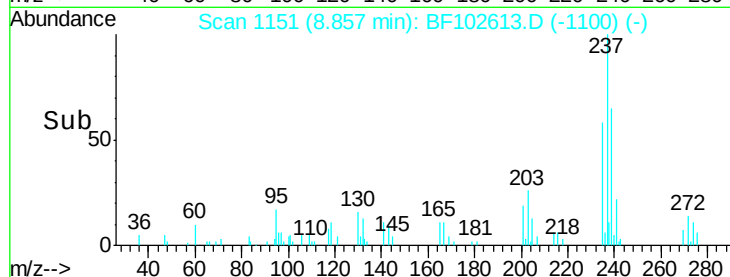
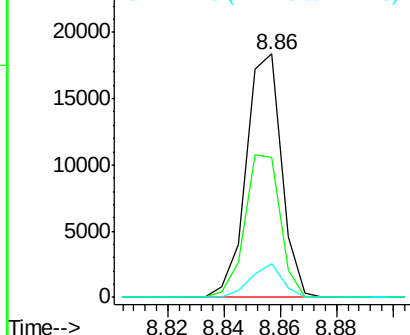
237 100

235 57.7 44.8 84.8

272 14.0 0.0 33.3



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



#41

2,4,6-Tribromophenol

Concen: 49.331 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.00 min

Lab File: BF102613.D

Acq: 29 Jan 2018 22:38

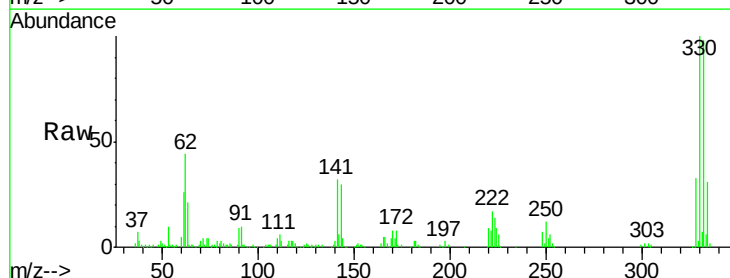
Tgt Ion: 330 Resp: 136074

Ion Ratio Lower Upper

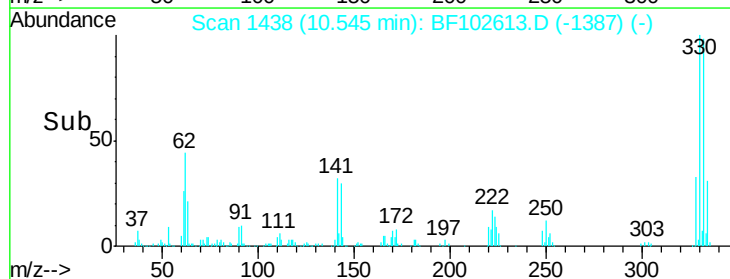
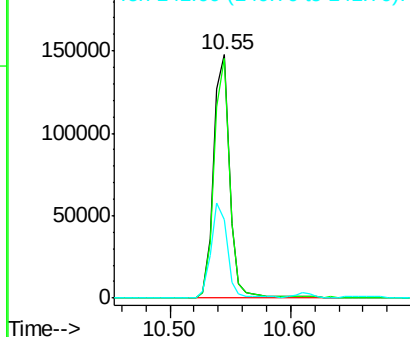
330 100

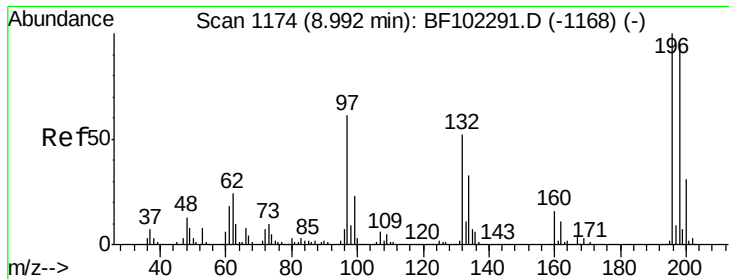
332 96.5 77.0 115.6

141 40.3 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

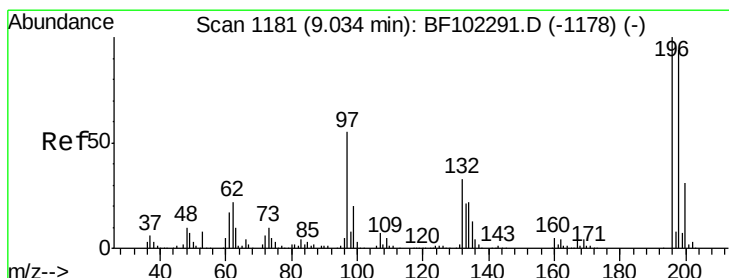
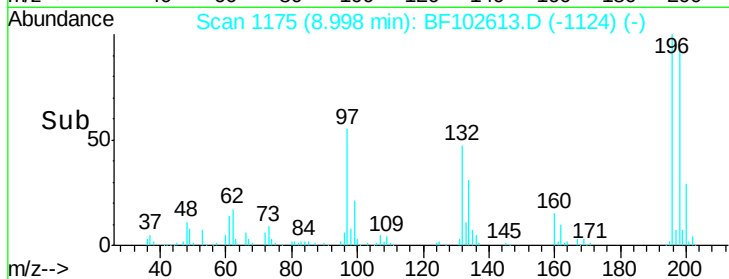
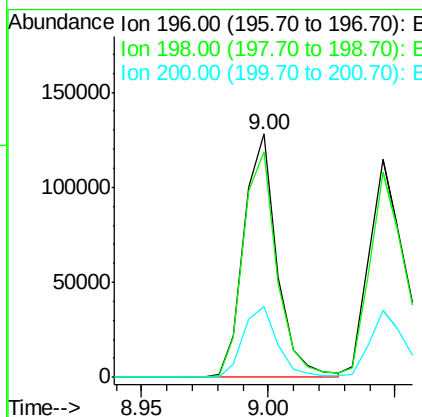
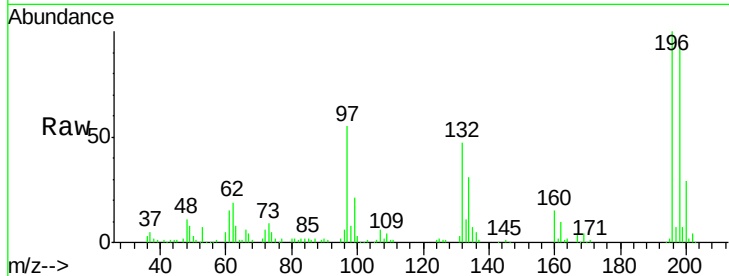




#42
 2,4,6-Trichlorophenol
 Concen: 20.733 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: BF102613.D
 Acq: 29 Jan 2018 22:38

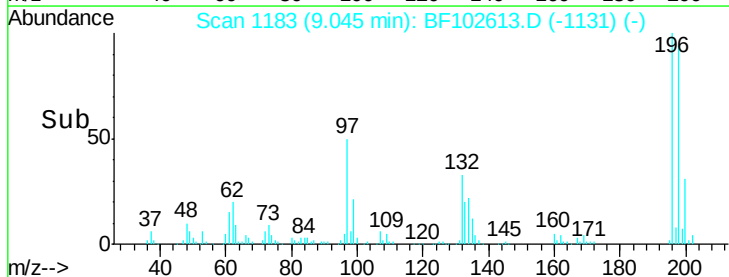
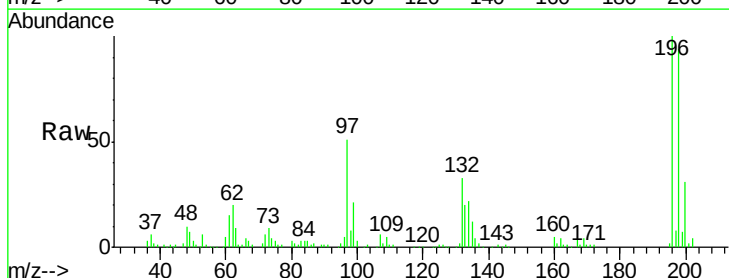
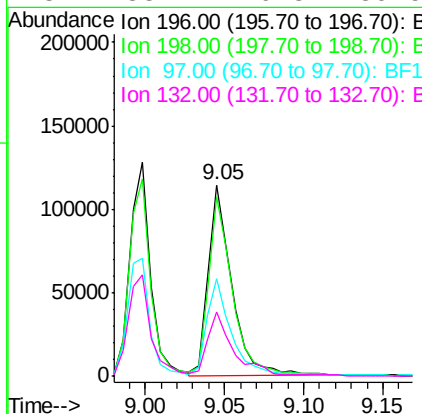
Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-5(5-10)MSD

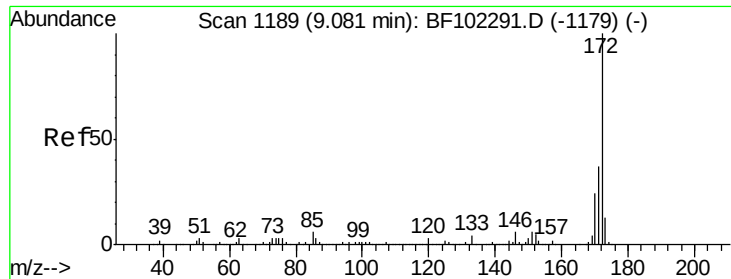
Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.5	75.7	113.5
200	28.9	24.5	36.7



#43
 2,4,5-Trichlorophenol
 Concen: 18.835 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. 0.01 min
 Lab File: BF102613.D
 Acq: 29 Jan 2018 22:38

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.9	74.6	112.0
97	50.7	42.9	64.3
132	33.2	26.3	39.5





#44

2-Fluorobiphenyl

Concen: 42.038 ng

RT: 9.07 min Scan# 1187

Delta R.T. -0.01 min

Lab File: BF102613.D

Acq: 29 Jan 2018 22:38

Instrument :

BNA_F

ClientSampleId :

EPE-106-5(5-10)MSD

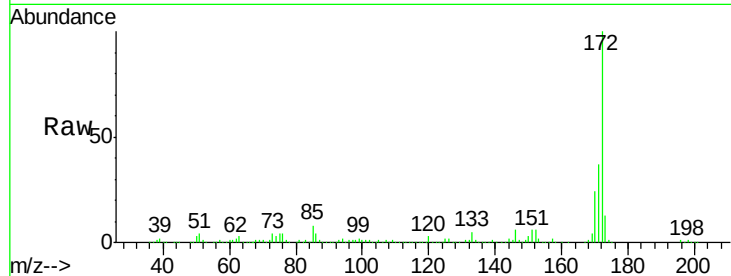
Tgt Ion:172 Resp: 795908

Ion Ratio Lower Upper

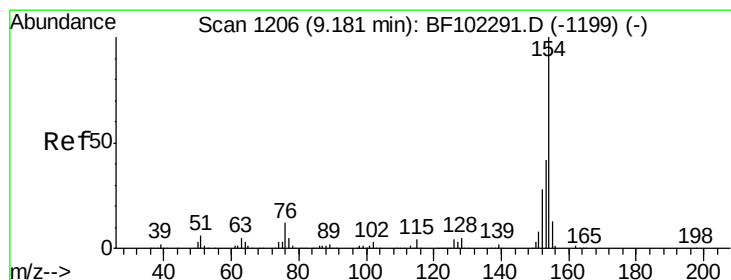
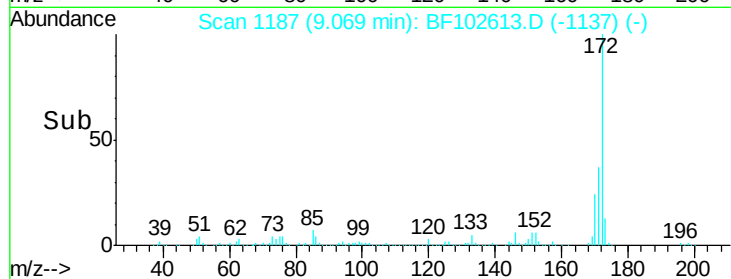
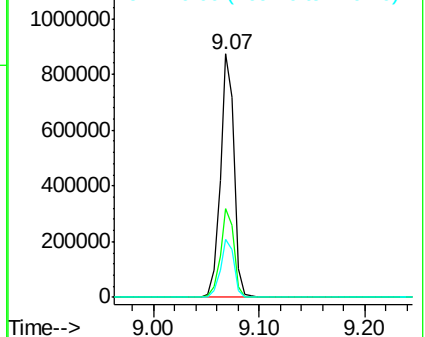
172 100

171 36.5 29.7 44.5

170 23.9 19.6 29.4



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



#45

1,1'-Biphenyl

Concen: 21.069 ng

RT: 9.17 min Scan# 1205

Delta R.T. -0.01 min

Lab File: BF102613.D

Acq: 29 Jan 2018 22:38

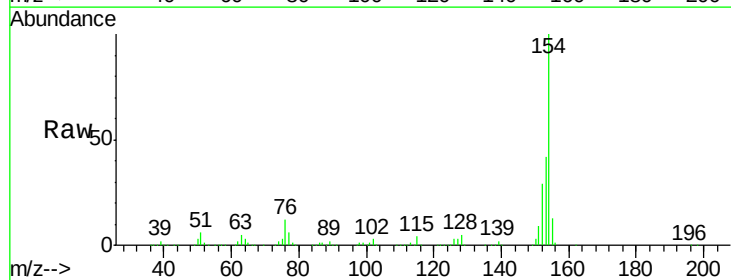
Tgt Ion:154 Resp: 524457

Ion Ratio Lower Upper

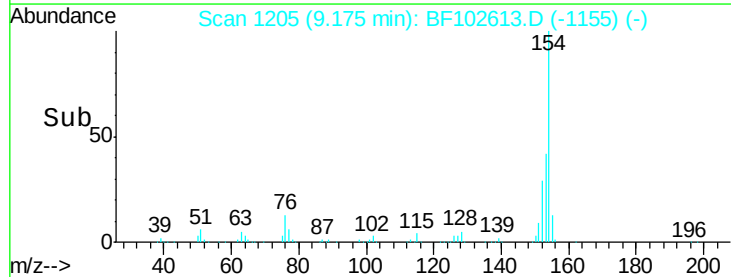
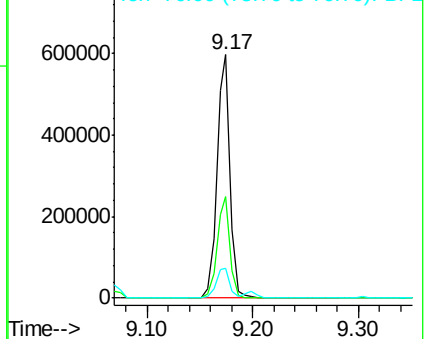
154 100

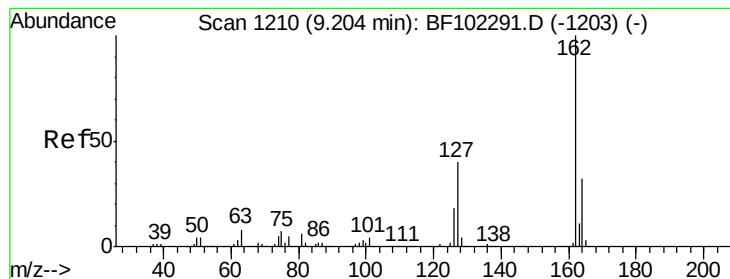
153 41.6 21.3 61.3

76 12.5 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: 20.822 ng

RT: 9.20 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BF102613.D

Acq: 29 Jan 2018 22:38

Instrument :

BNA_F

ClientSampleId :

EPE-106-5(5-10)MSD

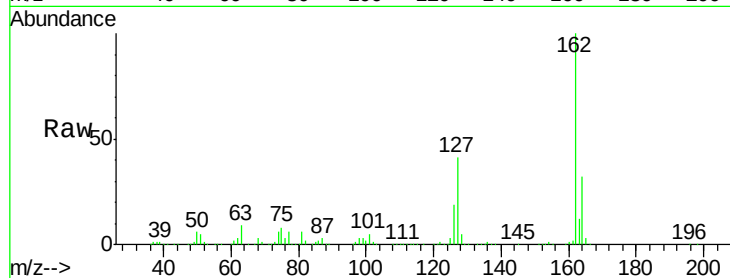
Tgt Ion: 162 Resp: 402871

Ion Ratio Lower Upper

162 100

127 41.2 33.9 50.9

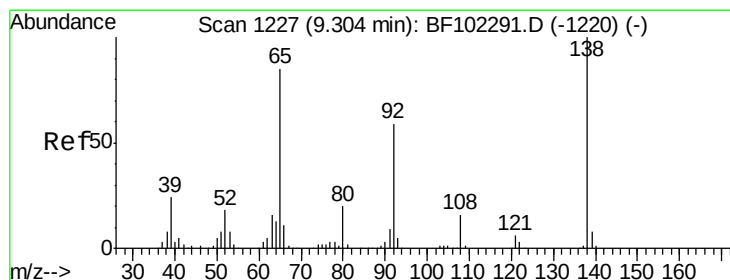
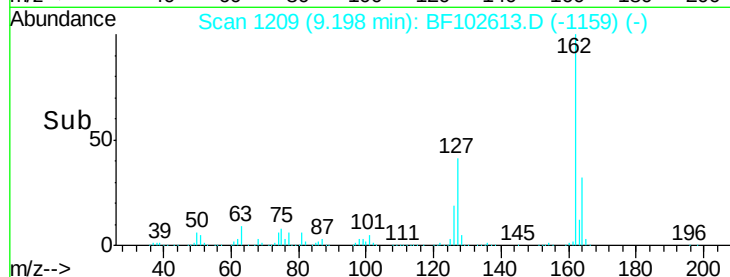
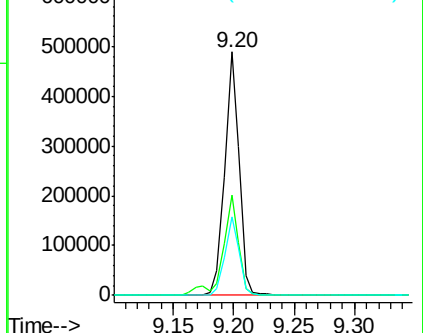
164 32.4 26.5 39.7



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: 21.631 ng

RT: 9.30 min Scan# 1227

Delta R.T. -0.00 min

Lab File: BF102613.D

Acq: 29 Jan 2018 22:38

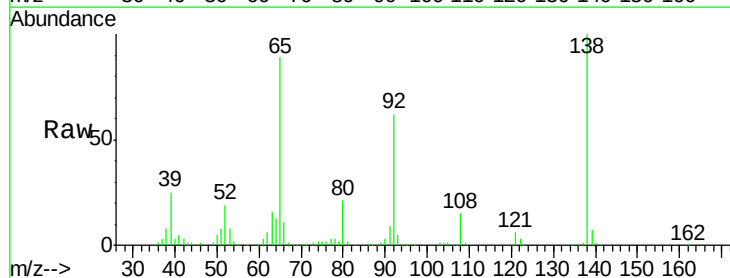
Tgt Ion: 65 Resp: 130482

Ion Ratio Lower Upper

65 100

92 69.0 55.8 83.6

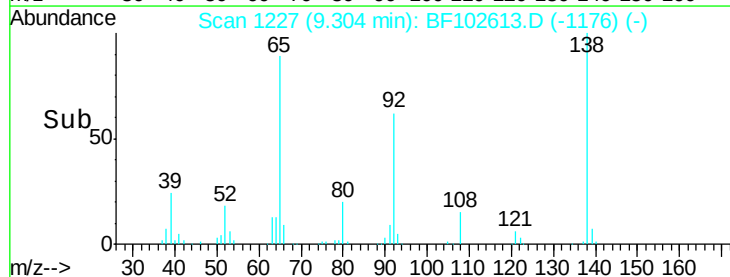
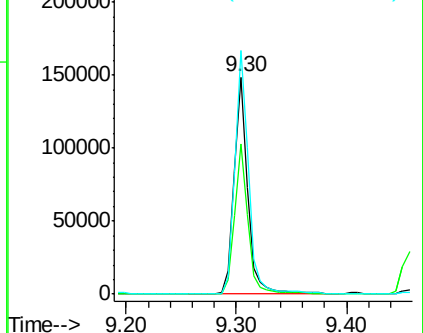
138 112.1 91.2 136.8

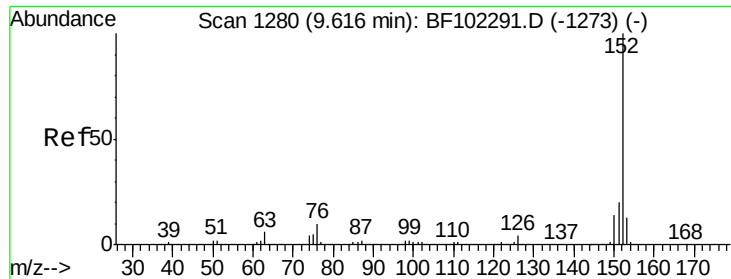


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 22.888 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.01 min

Lab File: BF102613.D

Acq: 29 Jan 2018 22:38

Instrument :

BNA_F

ClientSampleId :

EPE-106-5(5-10)MSD

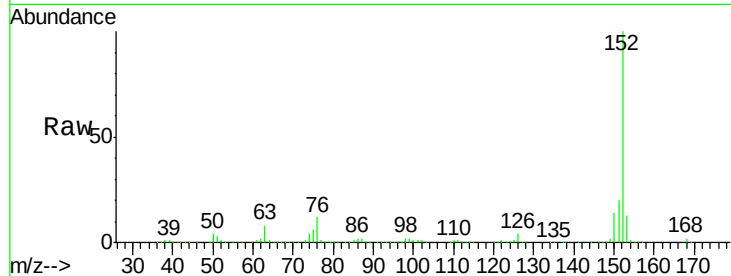
Tgt Ion:152 Resp: 689914

Ion Ratio Lower Upper

152 100

151 20.5 16.3 24.5

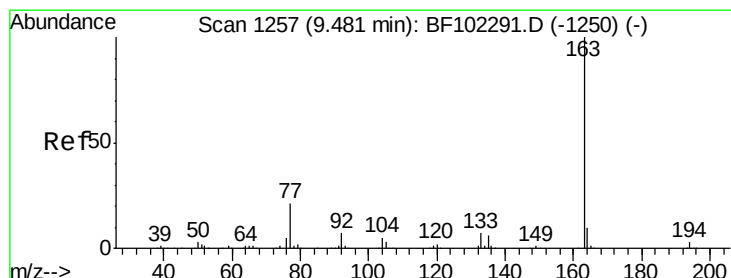
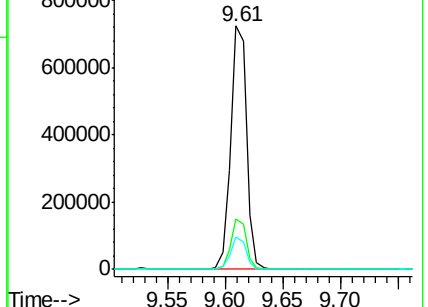
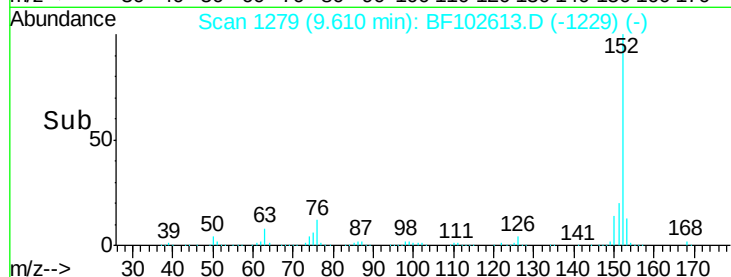
153 13.1 10.7 16.1



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: 23.741 ng

RT: 9.47 min Scan# 1256

Delta R.T. -0.01 min

Lab File: BF102613.D

Acq: 29 Jan 2018 22:38

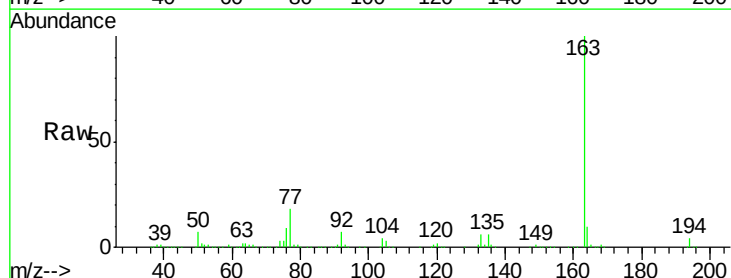
Tgt Ion:163 Resp: 546292

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

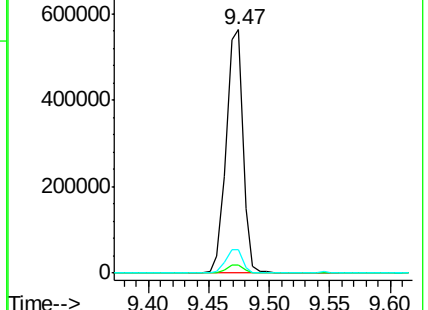
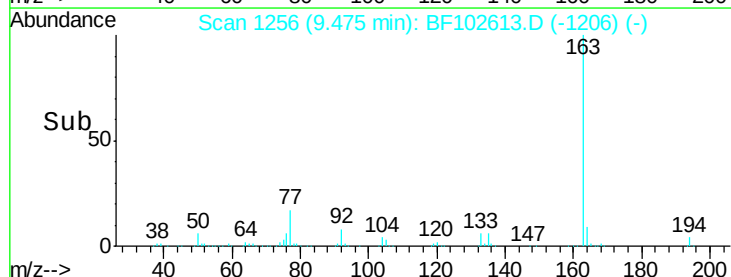
164 9.6 8.2 12.2

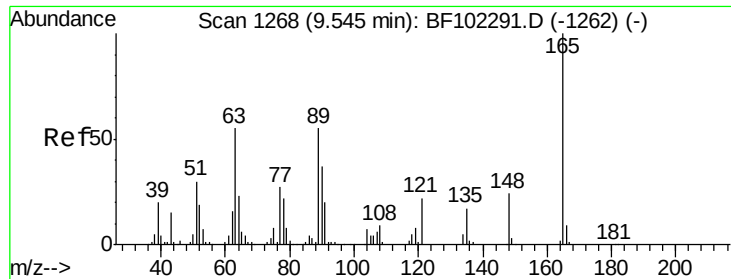


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

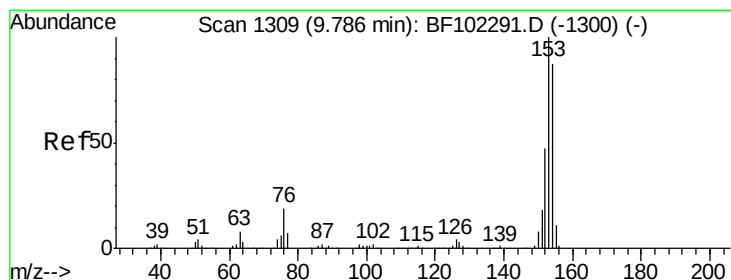
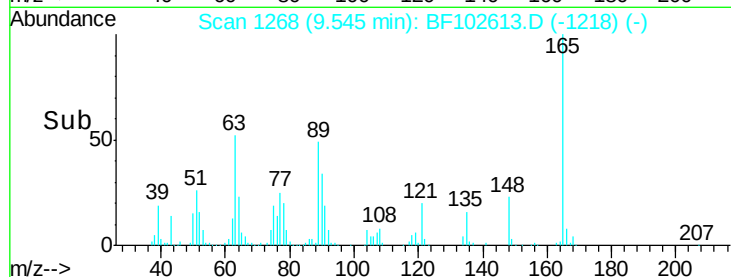
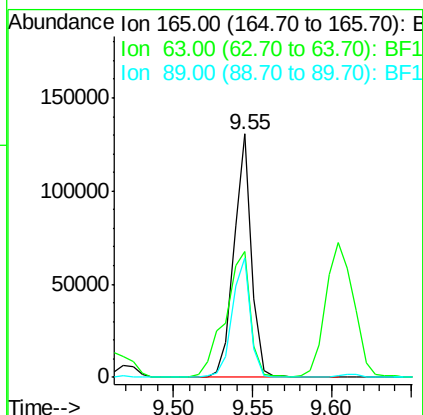
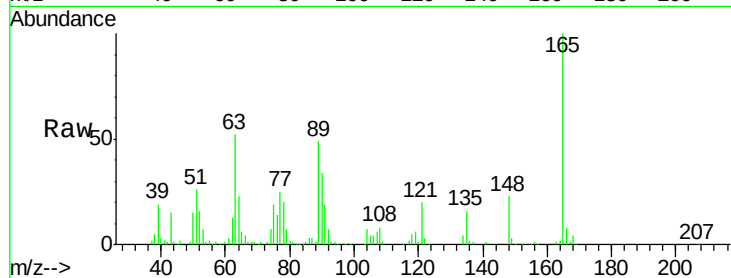




#50
2,6-Dinitrotoluene
Concen: 20.163 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF102613.D
Acq: 29 Jan 2018 22:38

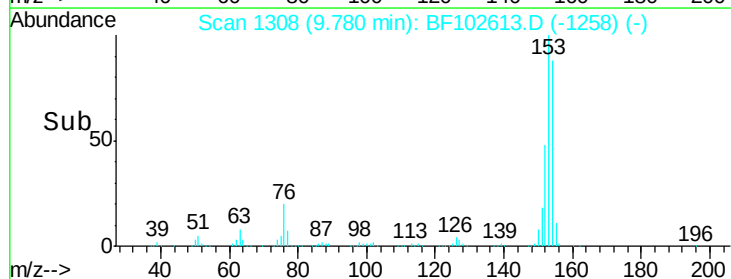
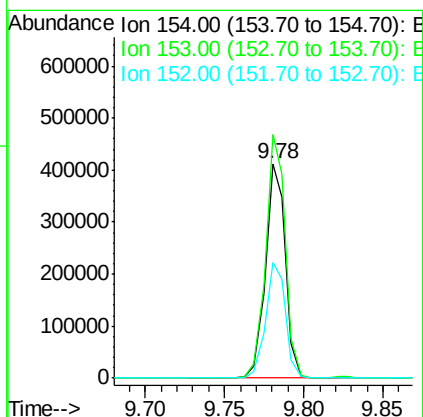
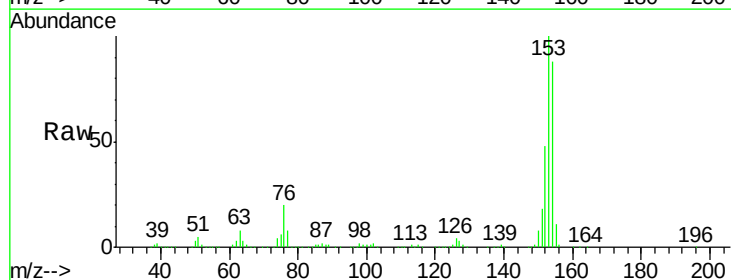
Instrument :
BNA_F
ClientSampleId :
EPE-106-5(5-10)MSD

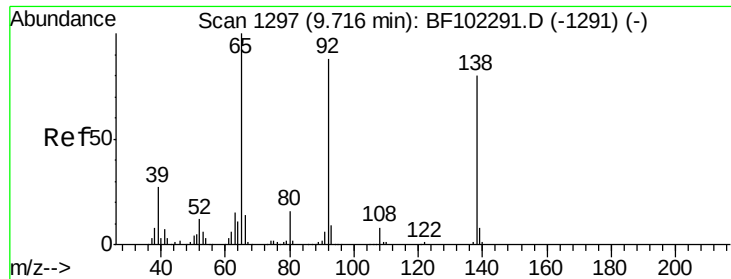
Tgt Ion:165 Resp: 100028
Ion Ratio Lower Upper
165 100
63 51.6 44.7 67.1
89 49.3 44.0 66.0



#51
Acenaphthene
Concen: 20.612 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF102613.D
Acq: 29 Jan 2018 22:38

Tgt Ion:154 Resp: 362858
Ion Ratio Lower Upper
154 100
153 113.7 91.2 136.8
152 54.1 43.8 65.8

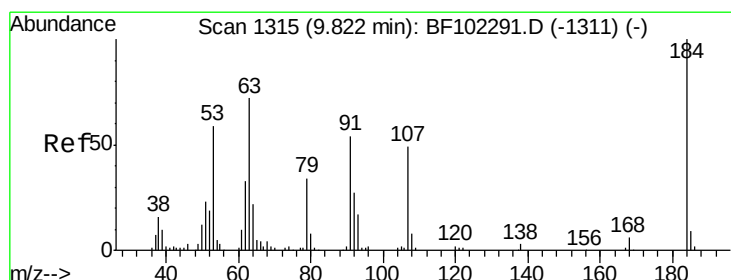
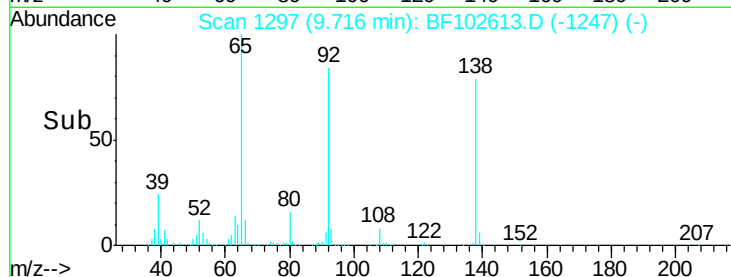
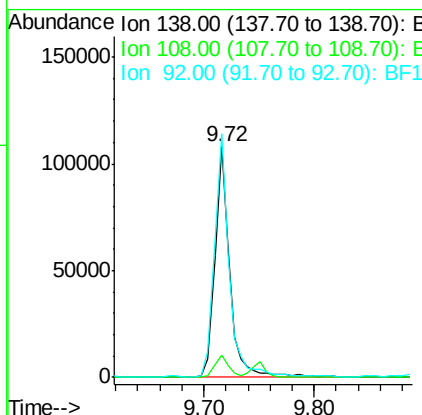
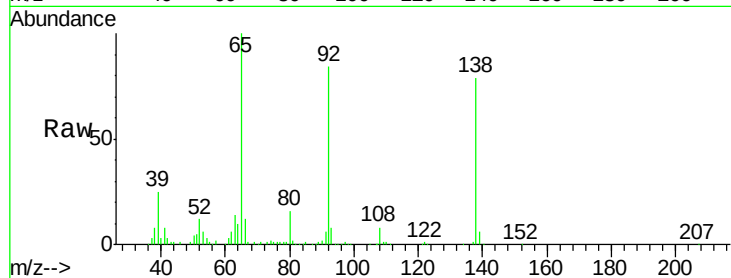




#52
3-Nitroaniline
Concen: 16.947 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF102613.D
Acq: 29 Jan 2018 22:38

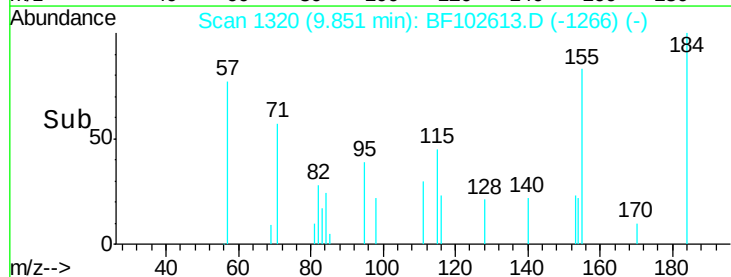
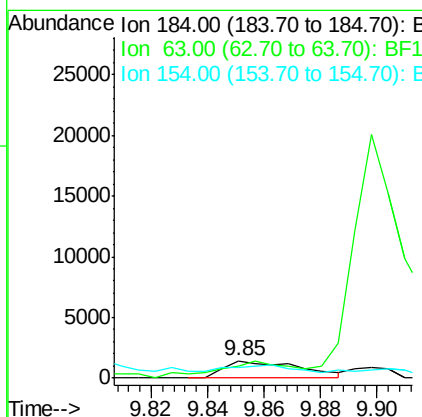
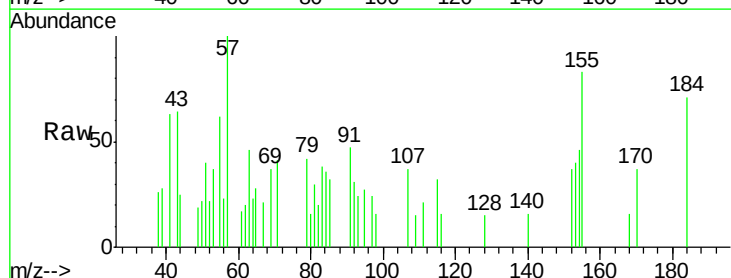
Instrument :
BNA_F
ClientSampleId :
EPE-106-5(5-10)MSD

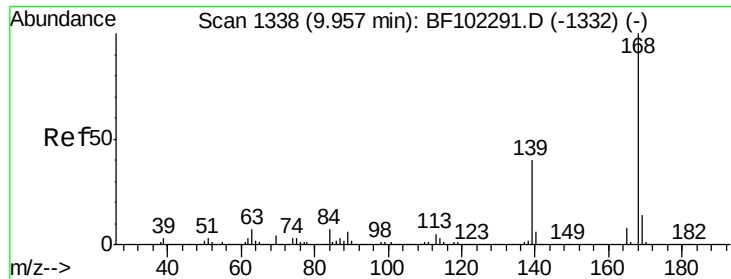
Tgt Ion:138 Resp: 99457
Ion Ratio Lower Upper
138 100
108 9.7 9.4 14.0
92 105.8 89.4 134.2



#53
2,4-Dinitrophenol
Concen: 4.850 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.02 min
Lab File: BF102613.D
Acq: 29 Jan 2018 22:38

Tgt Ion:184 Resp: 2695
Ion Ratio Lower Upper
184 100
63 65.2 54.2 81.2
154 64.5 184.0 276.0#

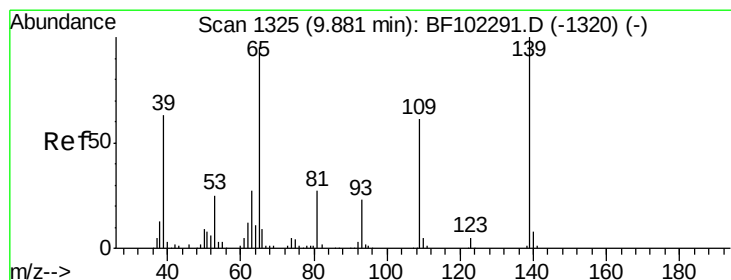
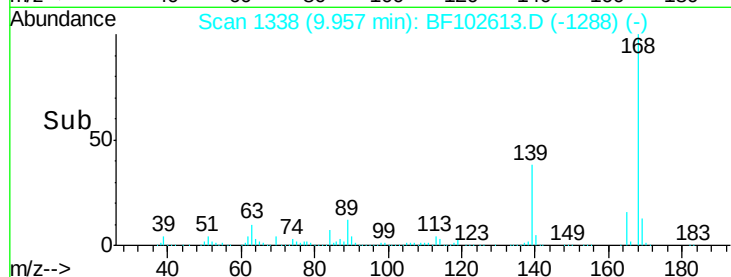
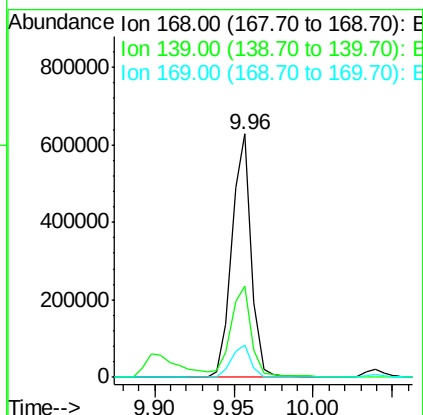
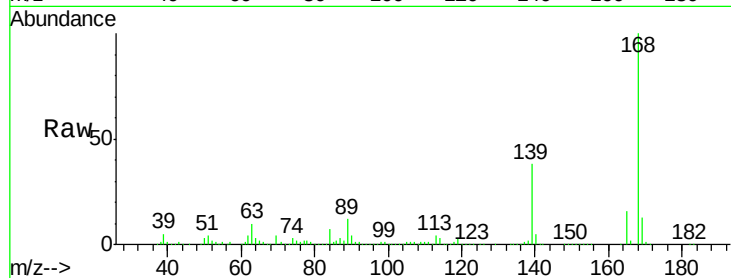




#54
Dibenzenofuran
Concen: 22.350 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF102613.D
Acq: 29 Jan 2018 22:38

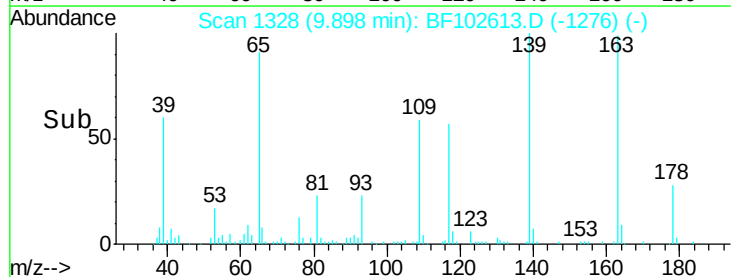
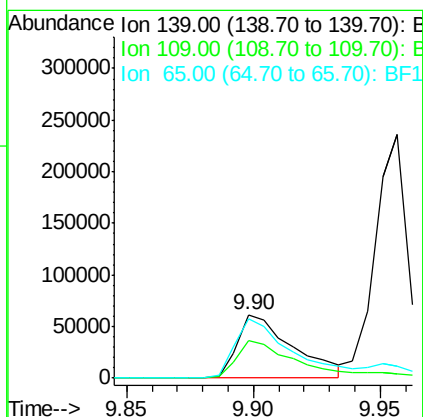
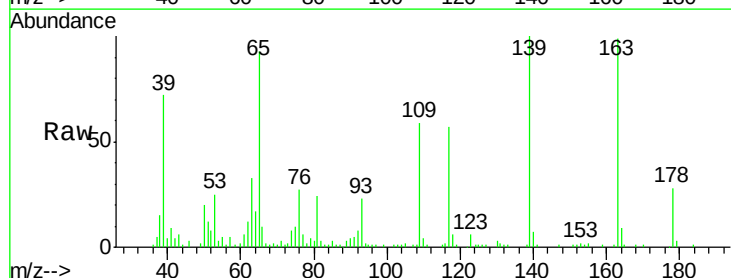
Instrument :
BNA_F
ClientSampleId :
EPE-106-5(5-10)MSD

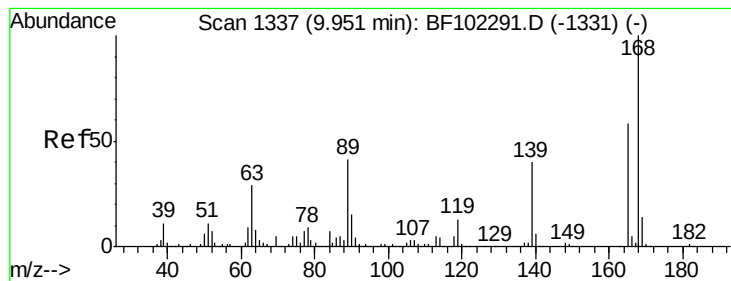
Tgt Ion:168 Resp: 532498
Ion Ratio Lower Upper
168 100
139 37.6 30.1 45.1
169 13.3 10.9 16.3



#55
4-Nitrophenol
Concen: 24.075 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BF102613.D
Acq: 29 Jan 2018 22:38

Tgt Ion:139 Resp: 93267
Ion Ratio Lower Upper
139 100
109 58.7 48.4 88.4
65 92.9 72.6 112.6





#56

2,4-Dinitrotoluene

Concen: 19.430 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF102613.D

Acq: 29 Jan 2018 22:38

Instrument :

BNA_F

ClientSampleId :

EPE-106-5(5-10)MSD

Tgt Ion:165 Resp: 118539

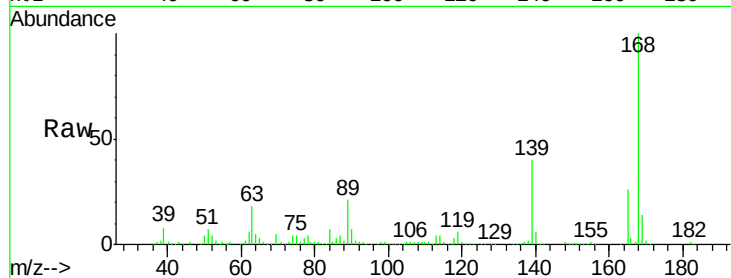
Ion Ratio Lower Upper

165 100

63 69.4 36.4 54.6#

89 80.1 57.8 86.6

182 2.4 1.6 2.4

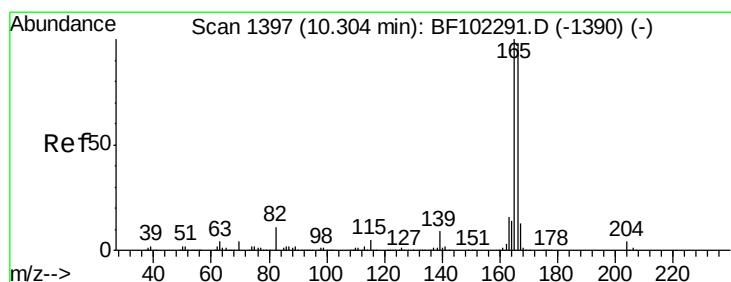
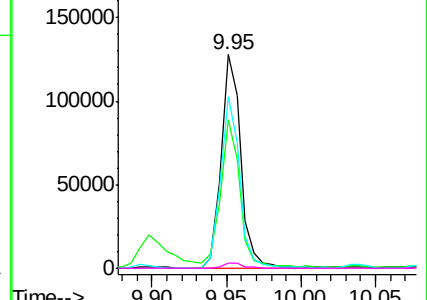
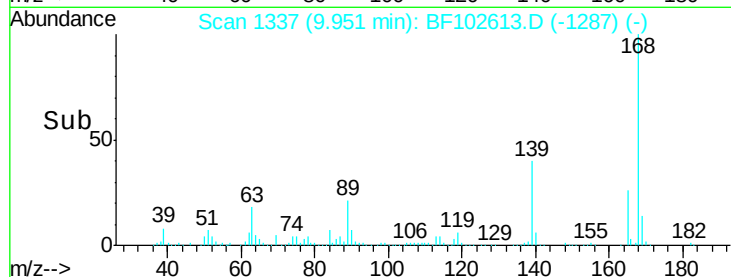


Abundance Ion 165.00 (164.70 to 165.70): E

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: 22.715 ng

RT: 10.30 min Scan# 1396

Delta R.T. -0.01 min

Lab File: BF102613.D

Acq: 29 Jan 2018 22:38

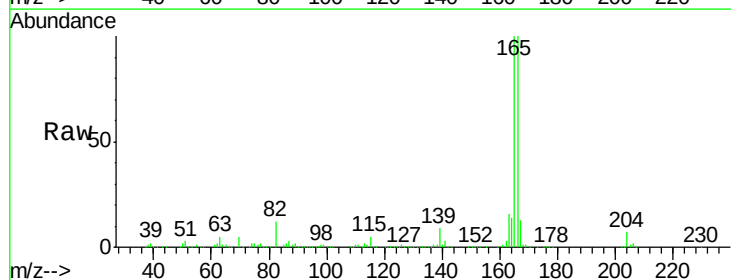
Tgt Ion:166 Resp: 428842

Ion Ratio Lower Upper

166 100

165 100.3 79.8 119.8

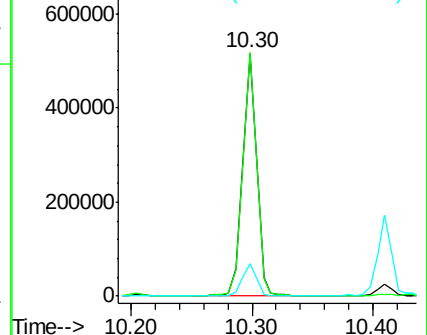
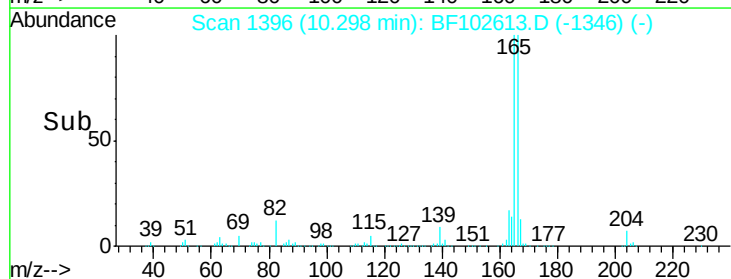
167 13.2 10.6 16.0

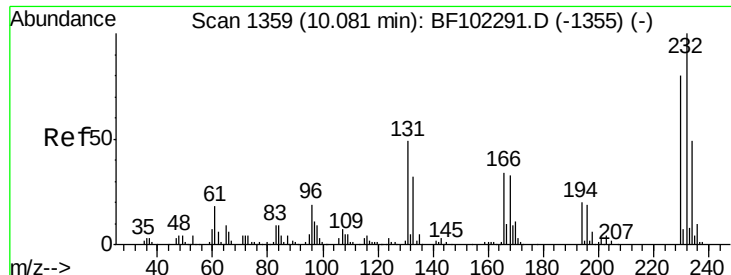


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

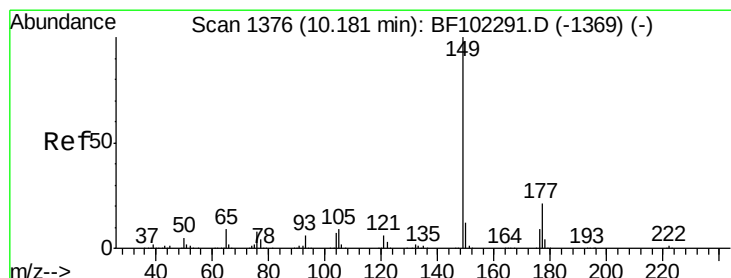
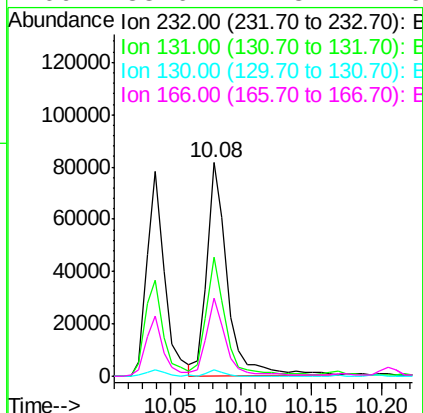
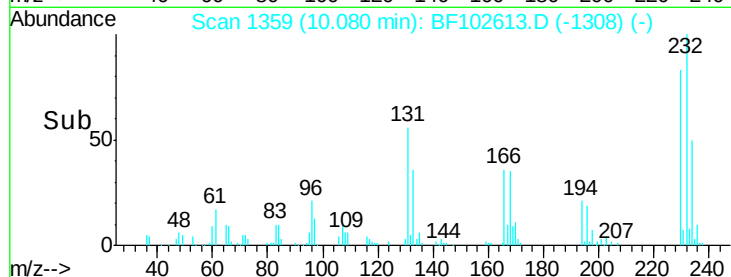
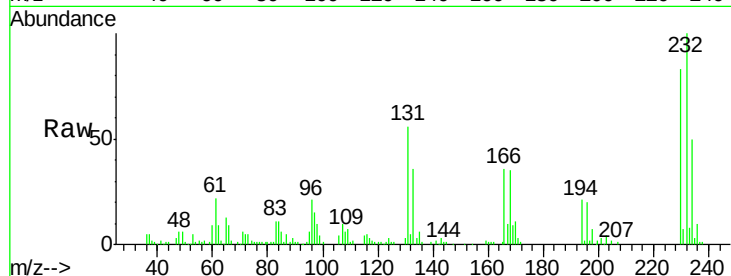




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 18.243 ng
 RT: 10.08 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: BF102613.D
 Acq: 29 Jan 2018 22:38

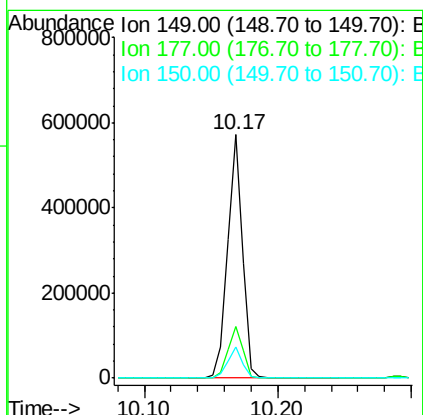
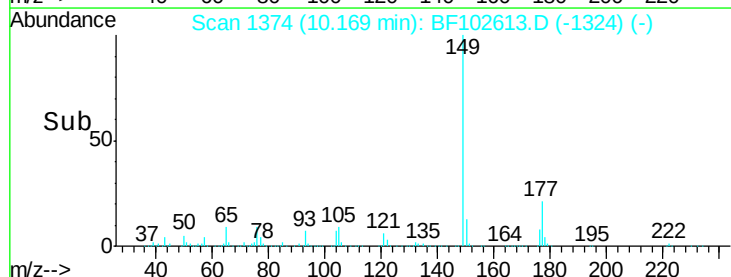
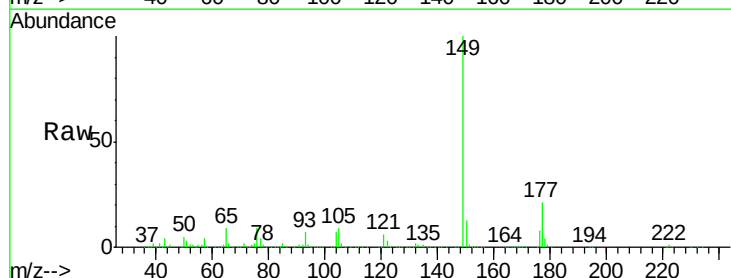
Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-5(5-10)MSD

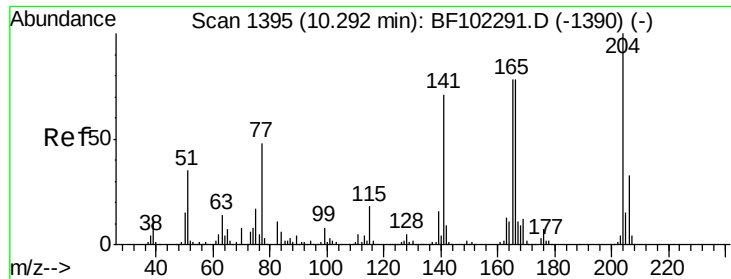
Tgt Ion: 232 Resp: 82229
 Ion Ratio Lower Upper
 232 100
 131 51.8 43.8 65.8
 130 2.4 2.1 3.1
 166 33.6 27.8 41.6



#59
 Diethylphthalate
 Concen: 20.271 ng
 RT: 10.17 min Scan# 1374
 Delta R.T. -0.01 min
 Lab File: BF102613.D
 Acq: 29 Jan 2018 22:38

Tgt Ion: 149 Resp: 453257
 Ion Ratio Lower Upper
 149 100
 177 21.3 16.1 24.1
 150 12.6 10.1 15.1

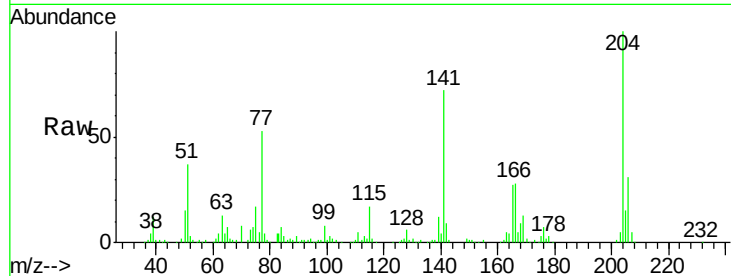




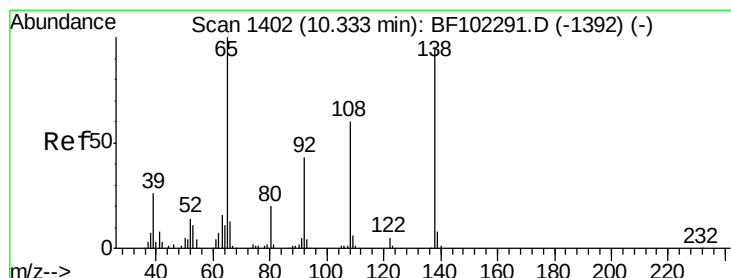
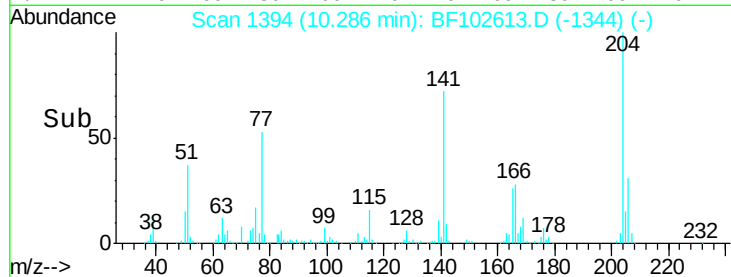
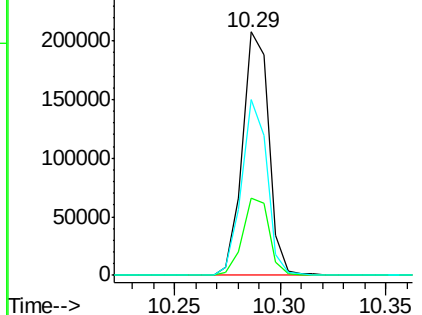
#60
4-Chlorophenyl-phenylether
Concen: 21.959 ng
RT: 10.29 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BF102613.D
Acq: 29 Jan 2018 22:38

Instrument :
BNA_F
ClientSampleId :
EPE-106-5(5-10)MSD

Tgt Ion: 204 Resp: 179746
Ion Ratio Lower Upper
204 100
206 31.5 26.5 39.7
141 72.4 54.6 81.8

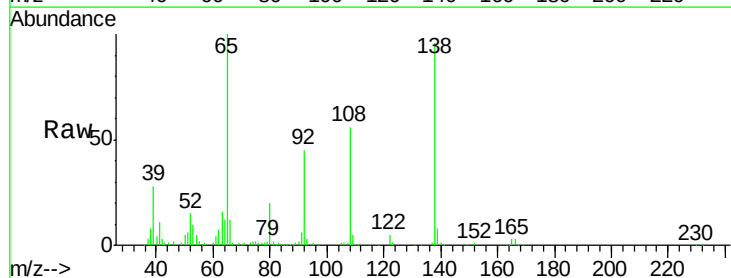


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

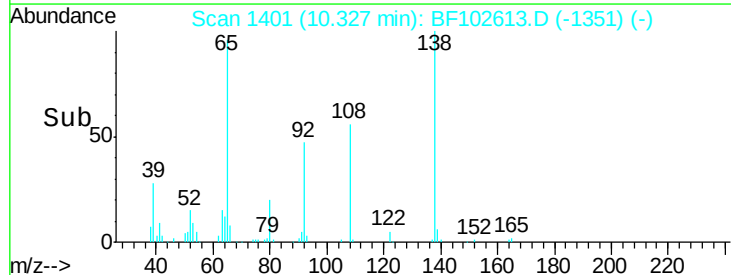
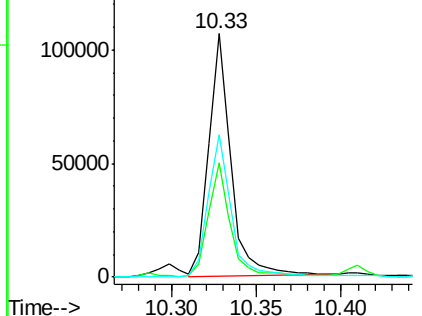


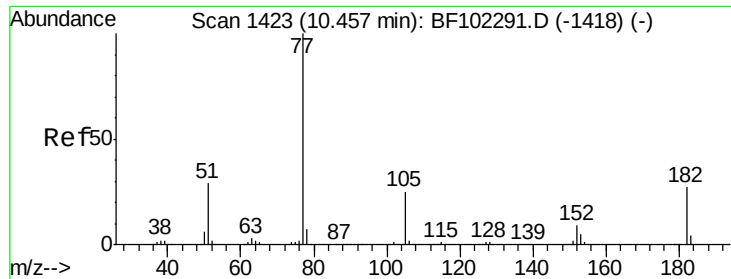
#61
4-Nitroaniline
Concen: 16.706 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF102613.D
Acq: 29 Jan 2018 22:38

Tgt Ion: 138 Resp: 97834
Ion Ratio Lower Upper
138 100
92 47.0 30.2 70.2
108 58.8 52.5 92.5



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





#62

Azobenzene

Concen: 20.257 ng

RT: 10.45 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BF102613.D

Acq: 29 Jan 2018 22:38

Instrument :

BNA_F

ClientSampleId :

EPE-106-5(5-10)MSD

Tgt Ion: 77 Resp: 414713

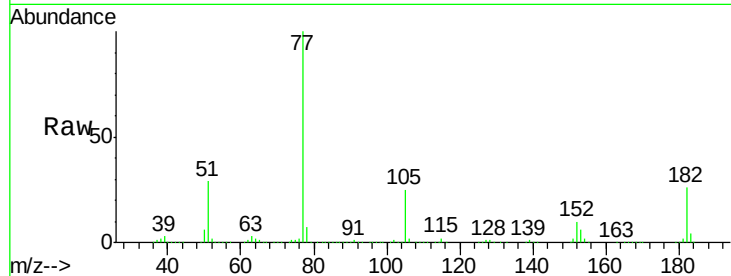
Ion Ratio Lower Upper

77 100

182 26.4 1.7 41.7

105 25.3 3.0 43.0

51 29.2 9.9 49.9

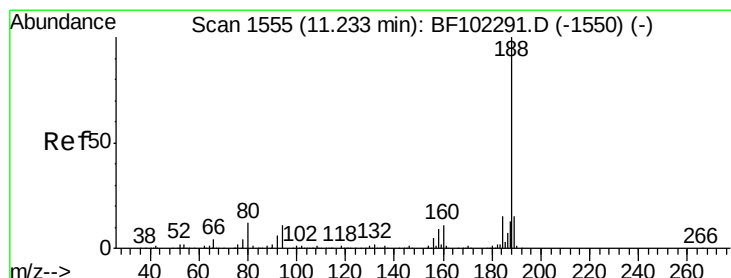
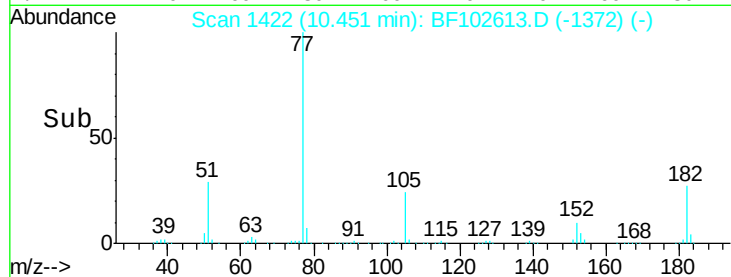
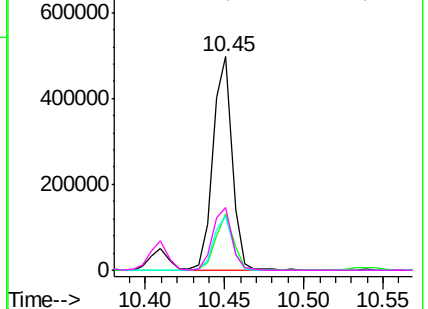


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.24 min Scan# 1556

Delta R.T. -0.00 min

Lab File: BF102613.D

Acq: 29 Jan 2018 22:38

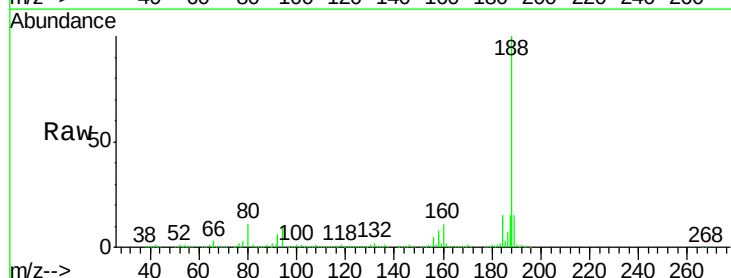
Tgt Ion: 188 Resp: 422359

Ion Ratio Lower Upper

188 100

94 10.1 8.5 12.7

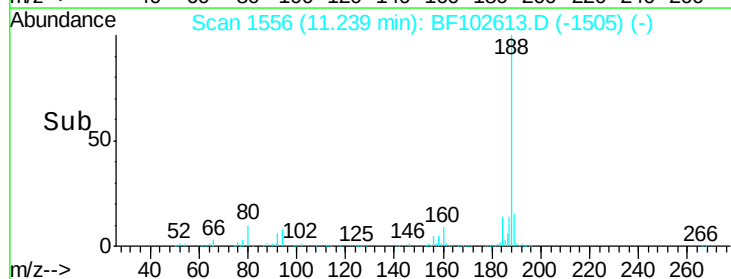
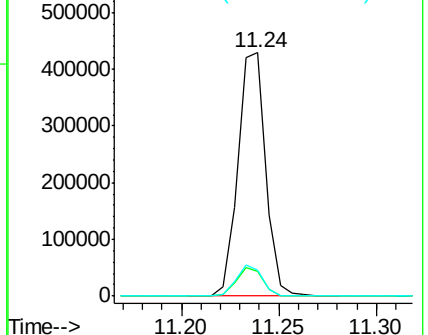
80 10.5 9.2 13.8

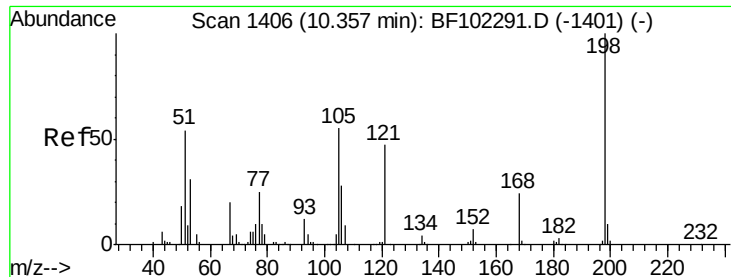


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

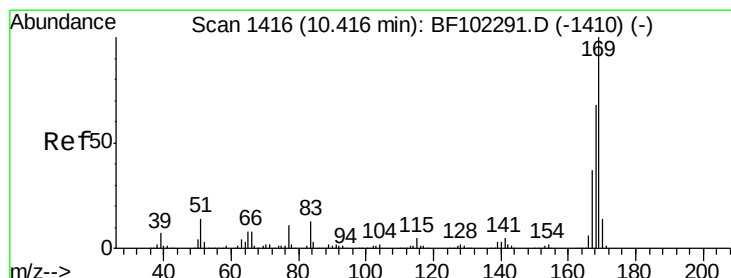
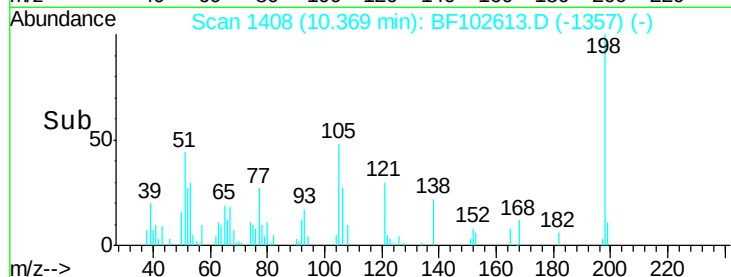
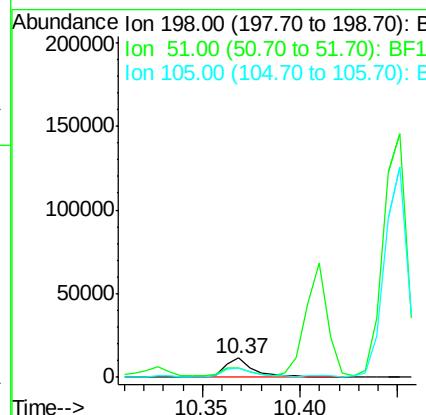
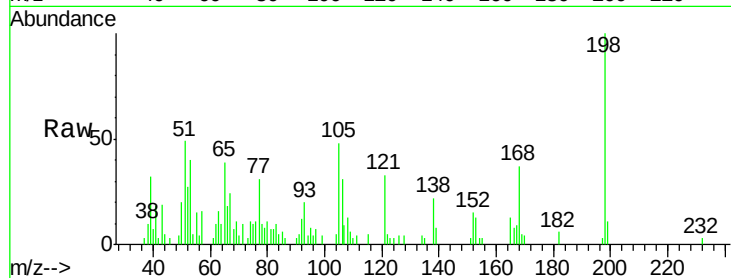




#64
 4,6-Dinitro-2-methylphenol
 Concen: 4.289 ng
 RT: 10.37 min Scan# 1408
 Delta R.T. -0.00 min
 Lab File: BF102613.D
 Acq: 29 Jan 2018 22:38

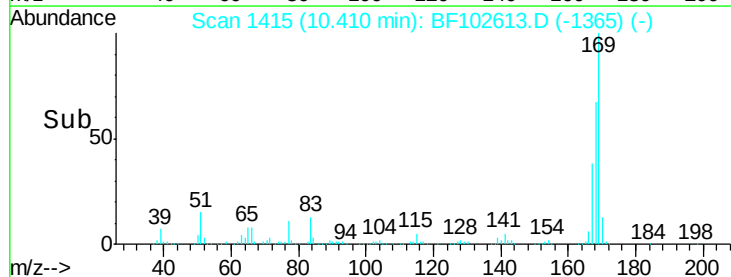
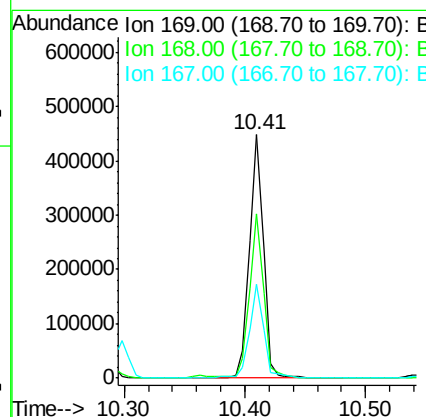
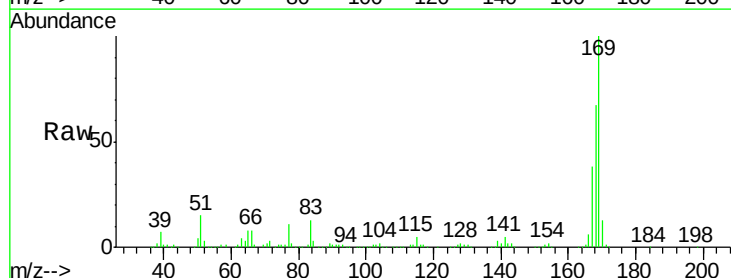
Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-5(5-10)MSD

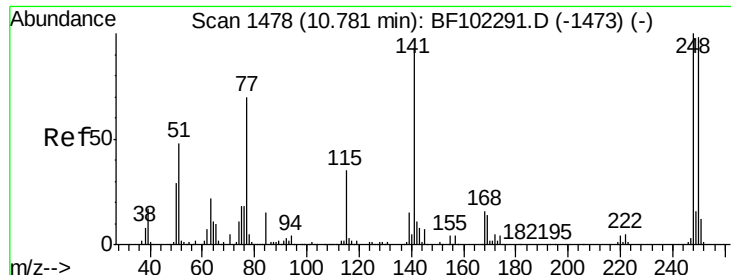
Tgt Ion:198 Resp: 12085
 Ion Ratio Lower Upper
 198 100
 51 49.4 37.7 77.7
 105 47.5 36.3 76.3



#65
 n-Nitrosodiphenylamine
 Concen: 23.588 ng
 RT: 10.41 min Scan# 1415
 Delta R.T. -0.01 min
 Lab File: BF102613.D
 Acq: 29 Jan 2018 22:38

Tgt Ion:169 Resp: 365668
 Ion Ratio Lower Upper
 169 100
 168 67.3 54.4 81.6
 167 38.3 29.8 44.6

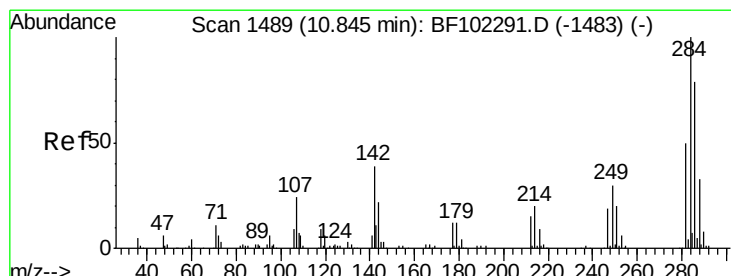
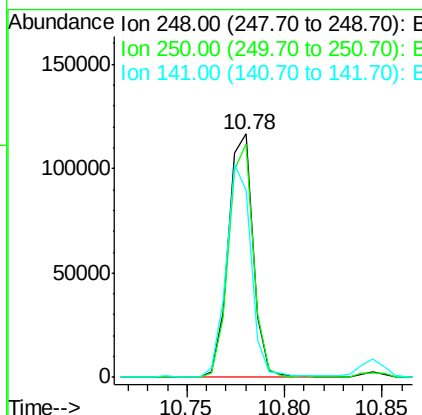
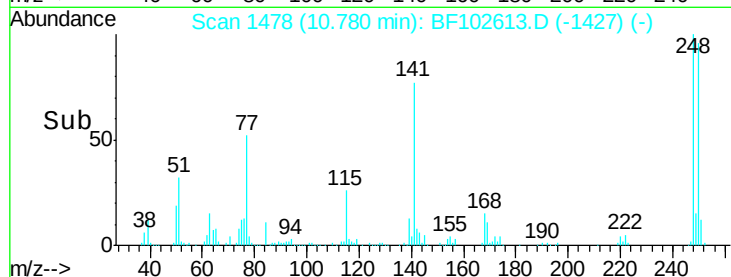
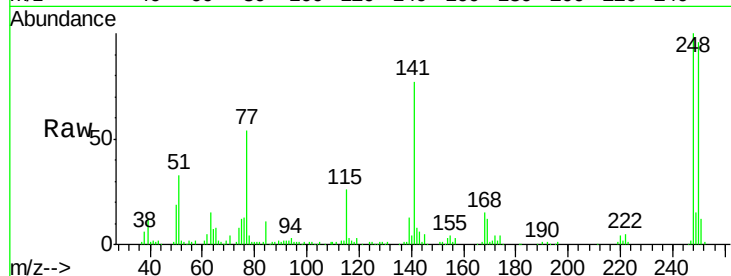




#66
 4-Bromophenyl-phenylether
 Concen: 22.796 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.00 min
 Lab File: BF102613.D
 Acq: 29 Jan 2018 22:38

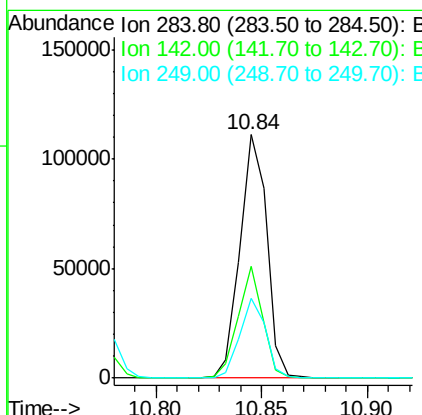
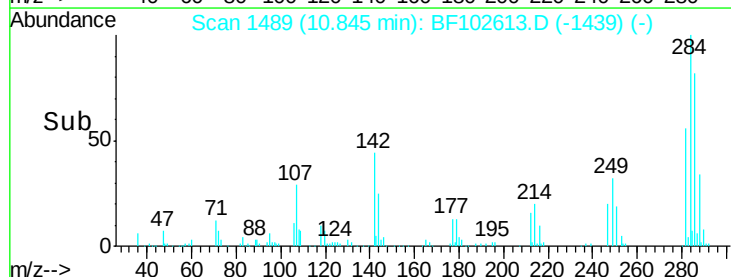
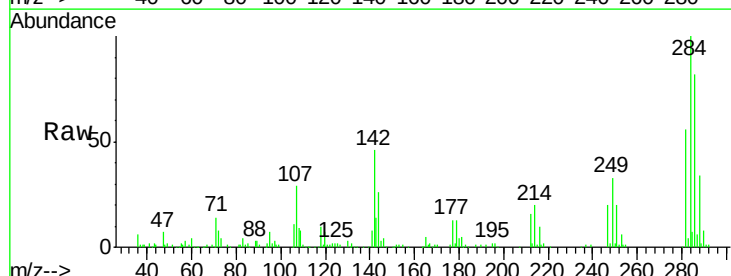
Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-5(5-10)MSD

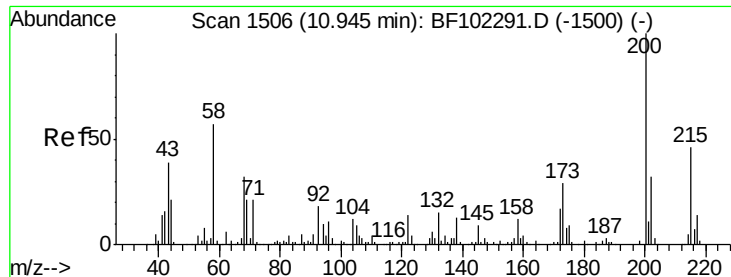
Tgt Ion: 248 Resp: 103646
 Ion Ratio Lower Upper
 248 100
 250 95.9 76.9 115.3
 141 76.9 74.4 111.6



#67
 Hexachlorobenzene
 Concen: 19.223 ng
 RT: 10.84 min Scan# 1489
 Delta R.T. -0.01 min
 Lab File: BF102613.D
 Acq: 29 Jan 2018 22:38

Tgt Ion: 284 Resp: 97747
 Ion Ratio Lower Upper
 284 100
 142 45.9 34.6 52.0
 249 32.6 24.8 37.2

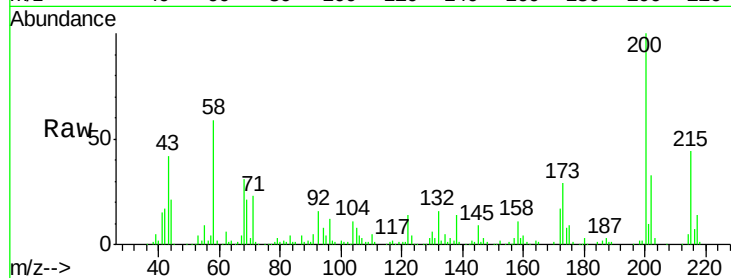




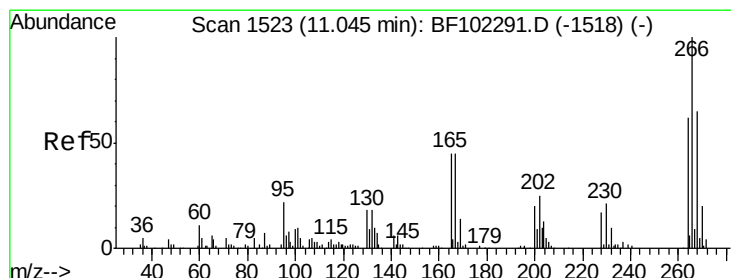
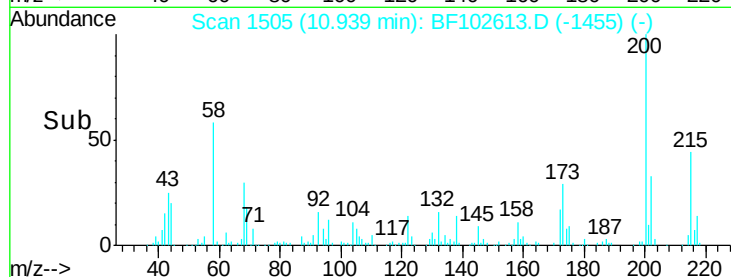
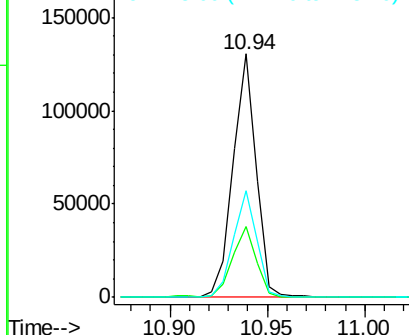
#68
 Atrazine
 Concen: 23.435 ng
 RT: 10.94 min Scan# 1505
 Delta R.T. -0.01 min
 Lab File: BF102613.D
 Acq: 29 Jan 2018 22:38

Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-5(5-10)MSD

Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.1	8.6	48.6
215	43.8	25.1	65.1

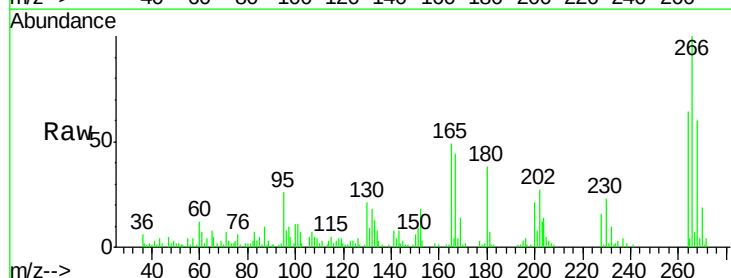


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

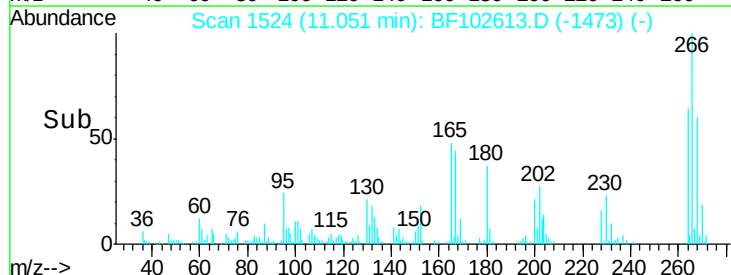
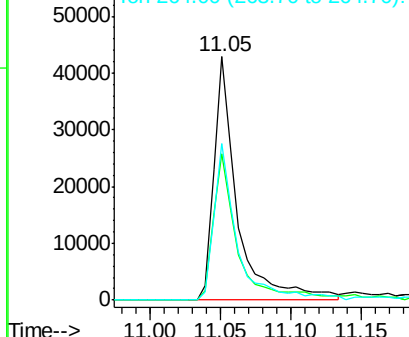


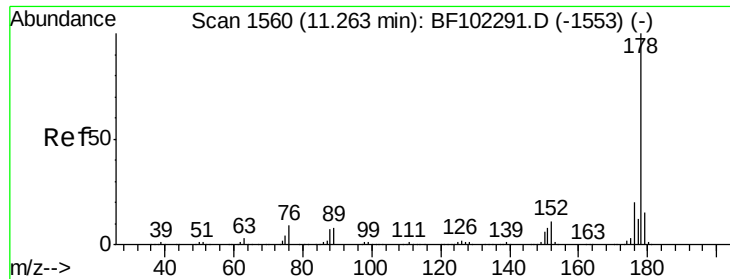
#69
 Pentachlorophenol
 Concen: 18.479 ng
 RT: 11.05 min Scan# 1524
 Delta R.T. -0.00 min
 Lab File: BF102613.D
 Acq: 29 Jan 2018 22:38

Tgt Ion	Ratio	Lower	Upper
266	100		
268	60.3	51.1	76.7
264	64.3	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

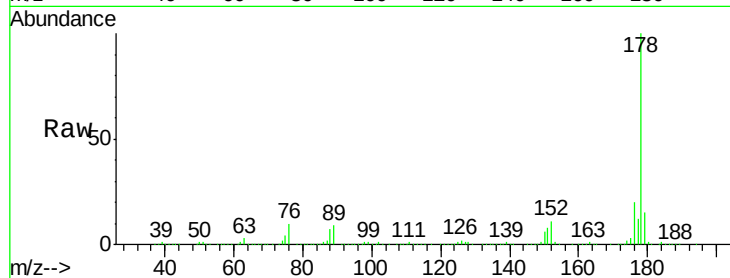




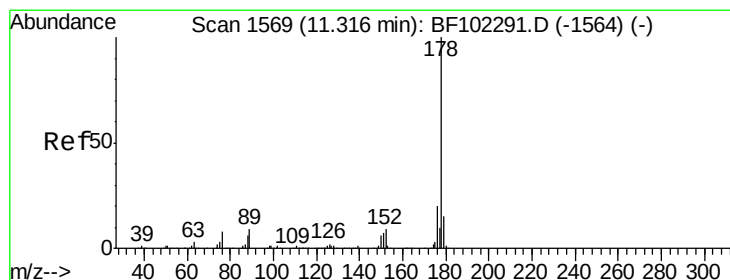
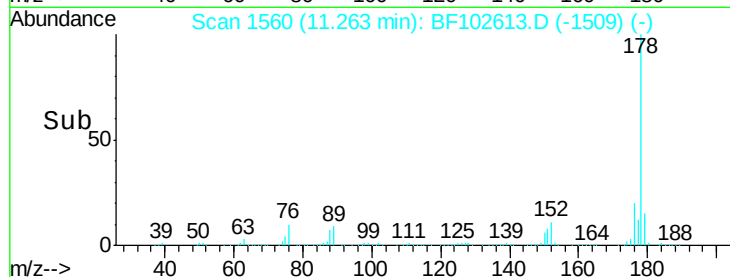
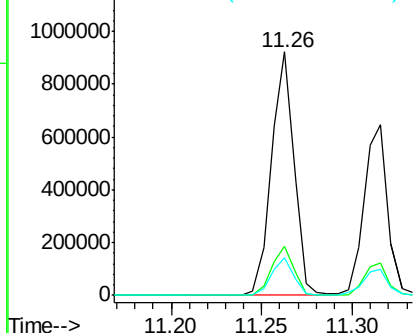
#70
Phenanthrene
Concen: 32.355 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BF102613.D
Acq: 29 Jan 2018 22:38

Instrument :
BNA_F
ClientSampleId :
EPE-106-5(5-10)MSD

Tgt Ion:178 Resp: 796317
Ion Ratio Lower Upper
178 100
176 20.0 15.8 23.8
179 15.3 13.0 19.6

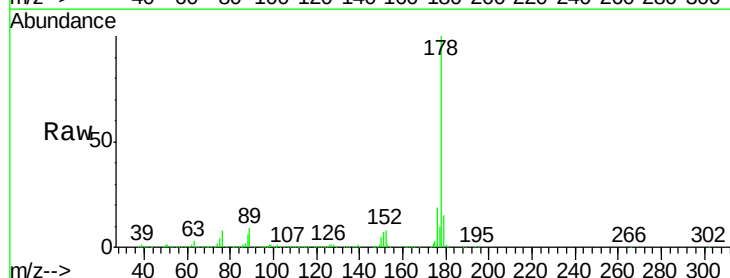


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

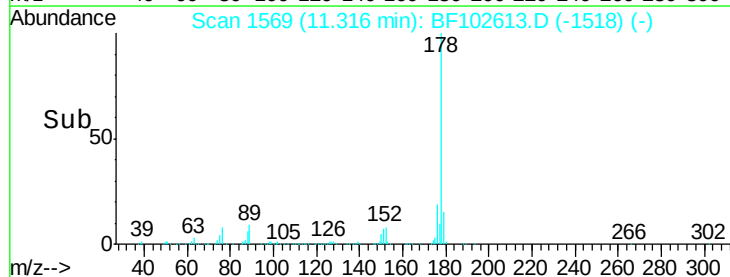
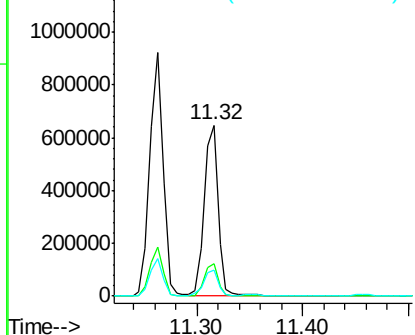


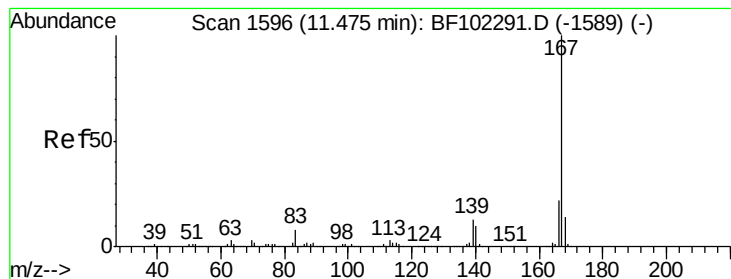
#71
Anthracene
Concen: 23.764 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BF102613.D
Acq: 29 Jan 2018 22:38

Tgt Ion:178 Resp: 596981
Ion Ratio Lower Upper
178 100
176 18.7 15.4 23.2
179 15.0 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: 21.114 ng

RT: 11.47 min Scan# 1596

Delta R.T. -0.00 min

Lab File: BF102613.D

Acq: 29 Jan 2018 22:38

Instrument :

BNA_F

ClientSampleId :

EPE-106-5(5-10)MSD

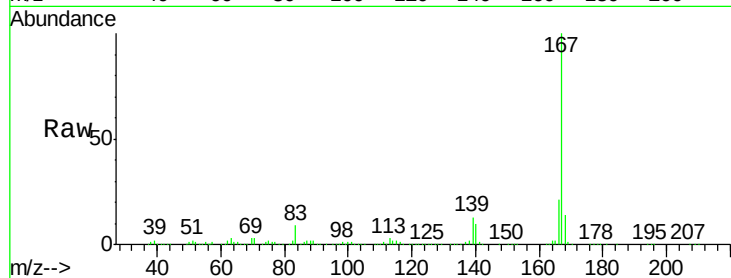
Tgt Ion:167 Resp: 517461

Ion Ratio Lower Upper

167 100

166 21.0 17.6 26.4

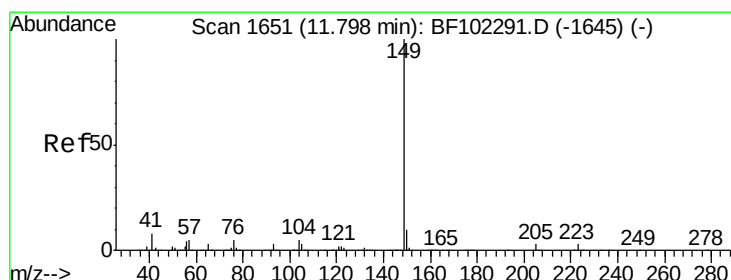
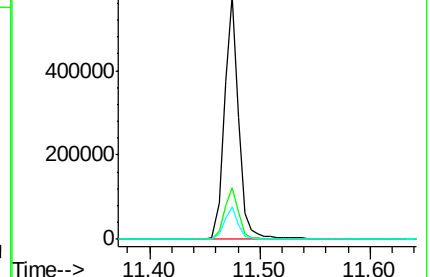
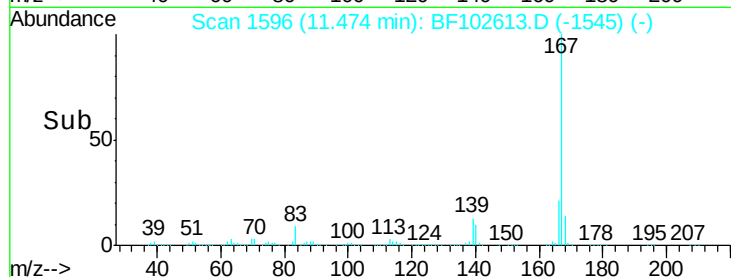
139 13.1 10.9 16.3



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



#73

Di-n-butylphthalate

Concen: 21.545 ng

RT: 11.79 min Scan# 1650

Delta R.T. -0.01 min

Lab File: BF102613.D

Acq: 29 Jan 2018 22:38

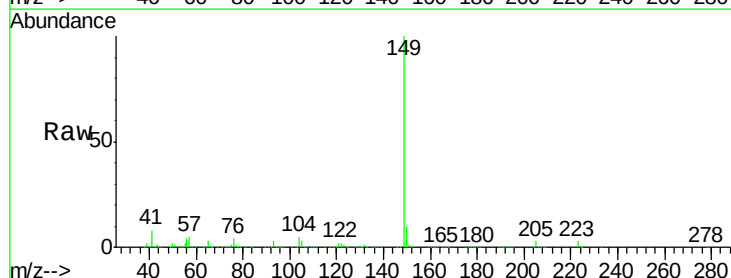
Tgt Ion:149 Resp: 660006

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

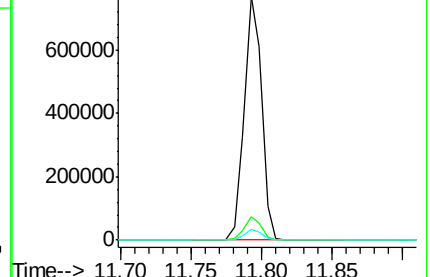
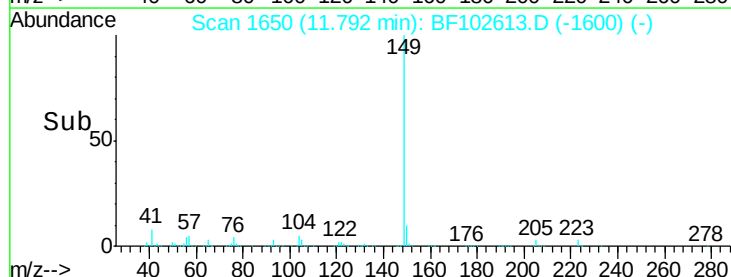
104 4.6 3.8 5.8

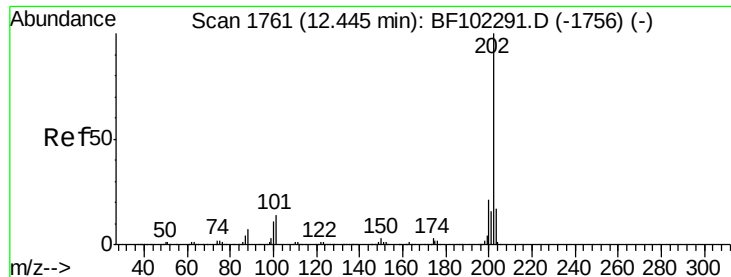


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 37.428 ng

RT: 12.45 min Scan# 1762

Delta R.T. -0.00 min

Lab File: BF102613.D

Acq: 29 Jan 2018 22:38

Instrument :

BNA_F

ClientSampleId :

EPE-106-5(5-10)MSD

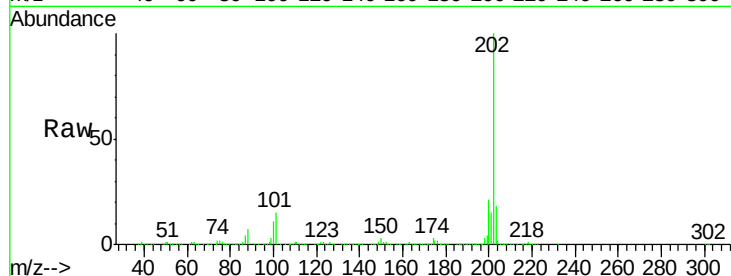
Tgt Ion:202 Resp: 939366

Ion Ratio Lower Upper

202 100

101 15.2 0.0 34.1

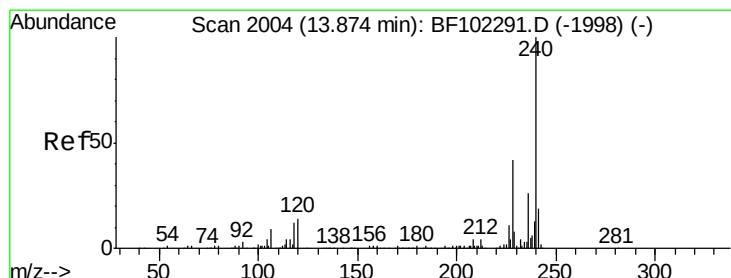
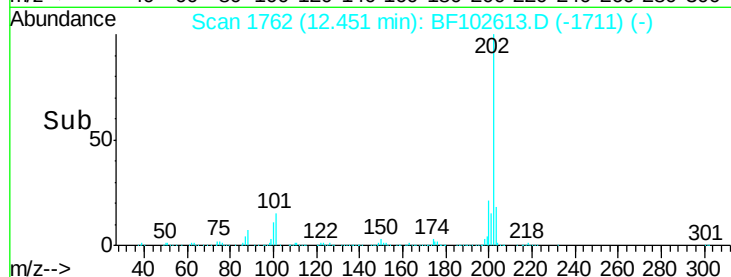
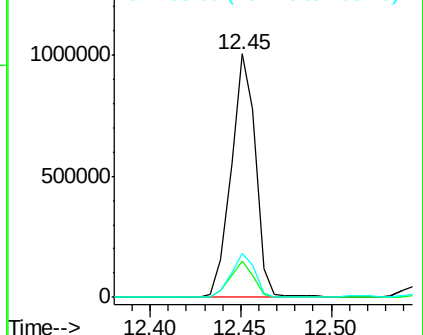
203 18.0 0.0 38.1



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.88 min Scan# 2005

Delta R.T. -0.00 min

Lab File: BF102613.D

Acq: 29 Jan 2018 22:38

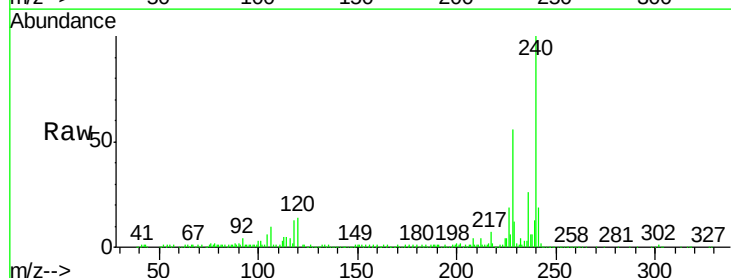
Tgt Ion:240 Resp: 292659

Ion Ratio Lower Upper

240 100

120 14.2 9.5 14.3

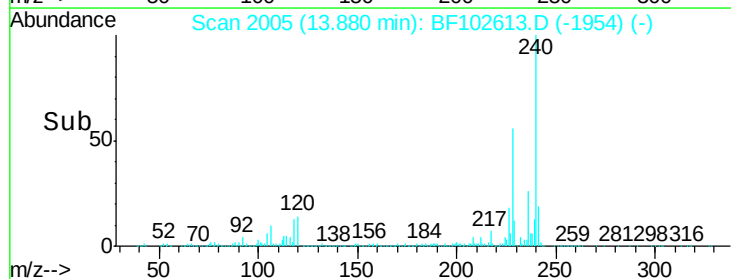
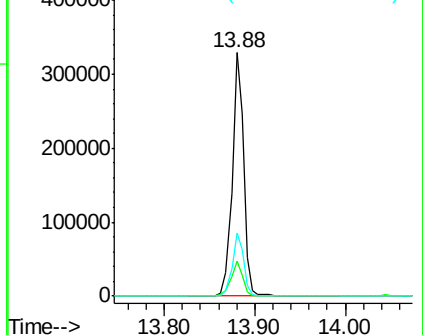
236 26.2 20.7 31.1

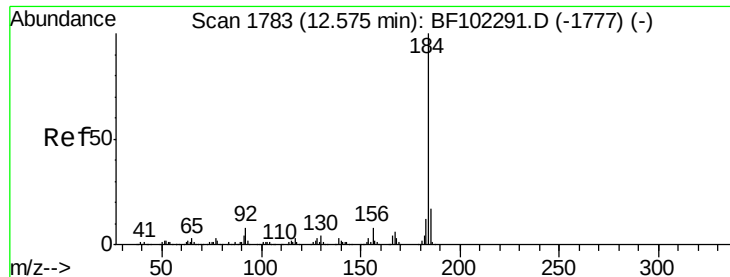


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 15.495 ng

RT: 12.58 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF102613.D

Acq: 29 Jan 2018 22:38

Instrument :

BNA_F

ClientSampleId :

EPE-106-5(5-10)MSD

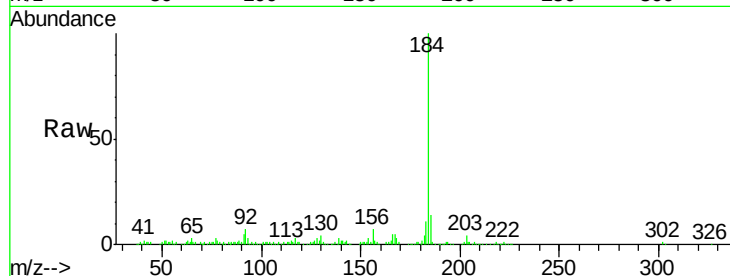
Tgt Ion:184 Resp: 152340

Ion Ratio Lower Upper

184 100

185 14.1 12.6 18.8

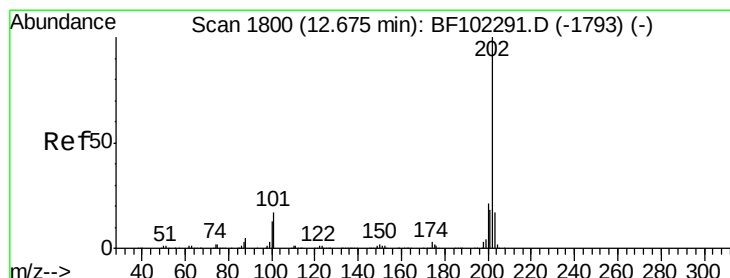
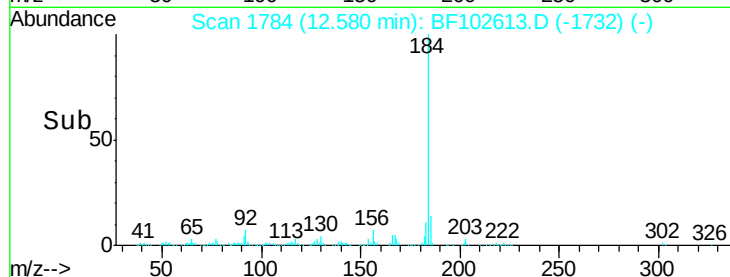
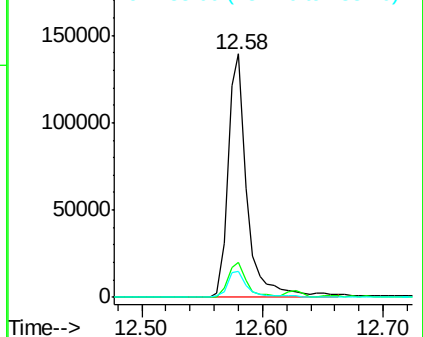
183 10.8 9.3 13.9



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



#77

Pyrene

Concen: 39.606 ng

RT: 12.68 min Scan# 1801

Delta R.T. -0.00 min

Lab File: BF102613.D

Acq: 29 Jan 2018 22:38

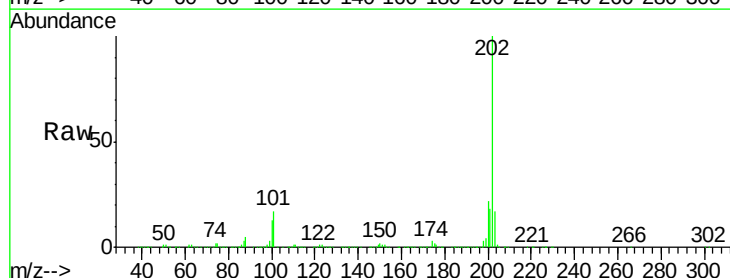
Tgt Ion:202 Resp: 896183

Ion Ratio Lower Upper

202 100

200 21.6 17.4 26.2

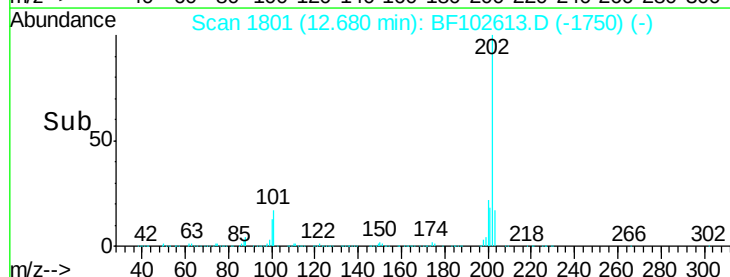
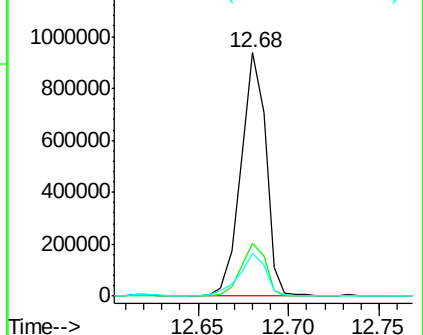
203 17.4 14.3 21.5

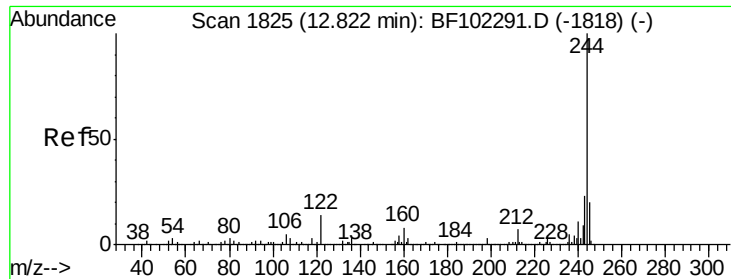


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 43.388 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BF102613.D

Acq: 29 Jan 2018 22:38

Instrument :

BNA_F

ClientSampleId :

EPE-106-5(5-10)MSD

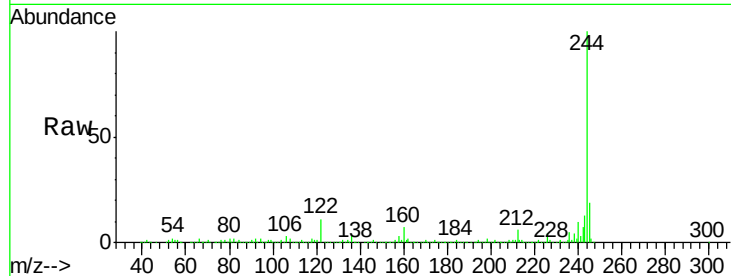
Tgt Ion:244 Resp: 563263

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

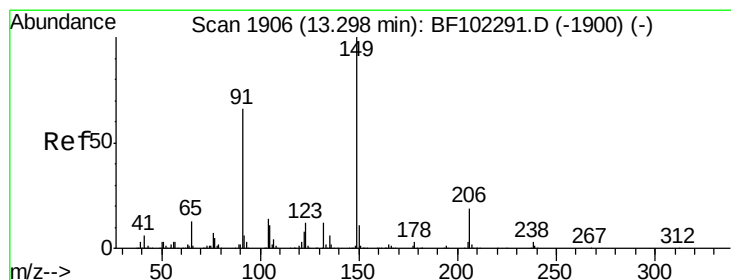
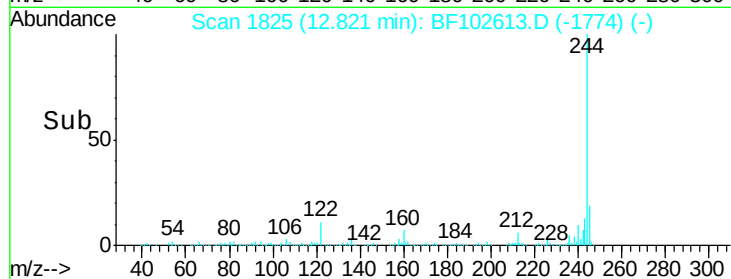
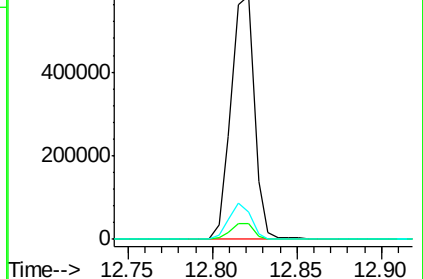
122 11.3 11.0 16.4



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



#79

Butylbenzylphthalate

Concen: 20.467 ng

RT: 13.29 min Scan# 1905

Delta R.T. -0.01 min

Lab File: BF102613.D

Acq: 29 Jan 2018 22:38

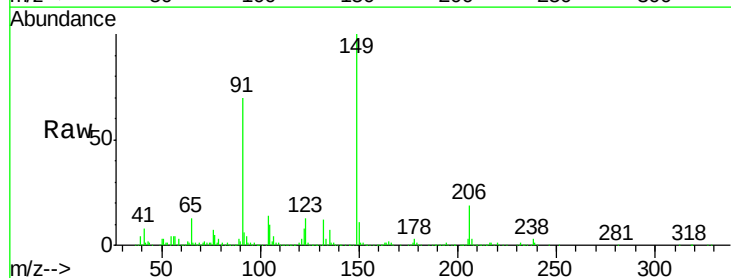
Tgt Ion:149 Resp: 230467

Ion Ratio Lower Upper

149 100

91 69.6 56.8 85.2

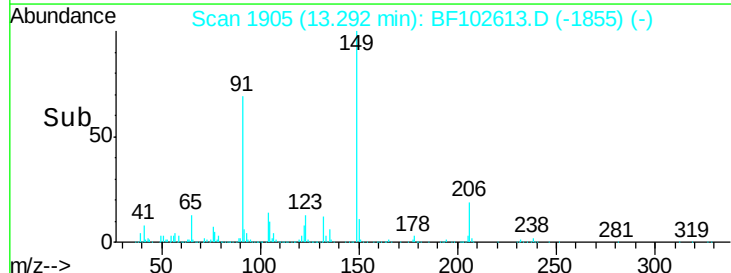
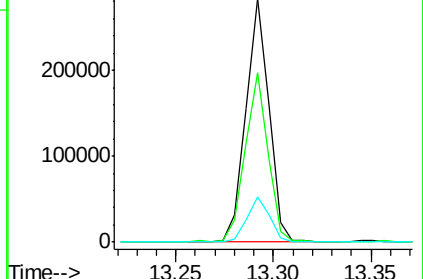
206 18.6 14.1 21.1

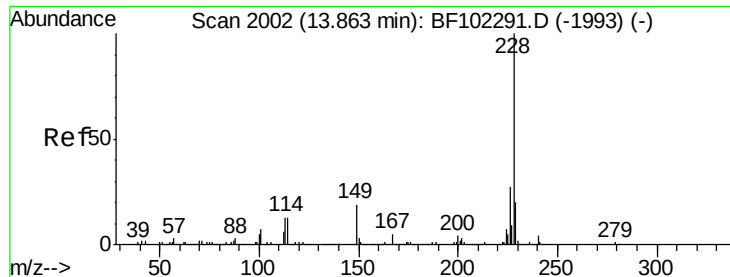


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 33.929 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.00 min

Lab File: BF102613.D

Acq: 29 Jan 2018 22:38

Instrument :

BNA_F

ClientSampleId :

EPE-106-5(5-10)MSD

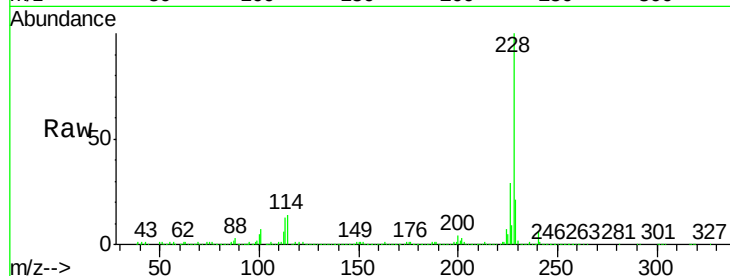
Tgt Ion:228 Resp: 611335

Ion Ratio Lower Upper

228 100

226 29.4 22.6 33.8

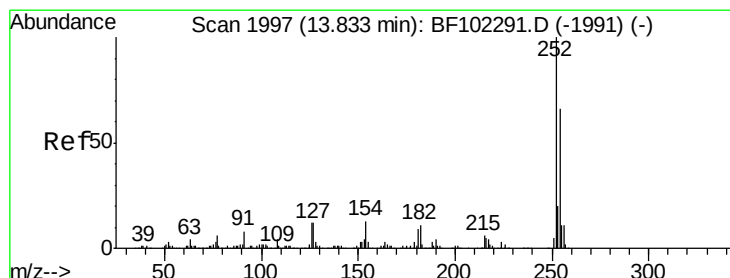
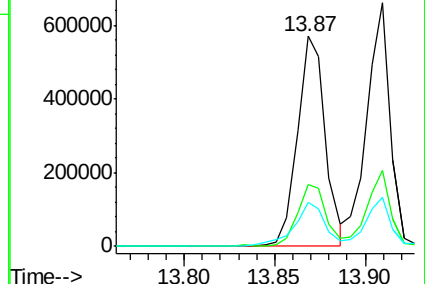
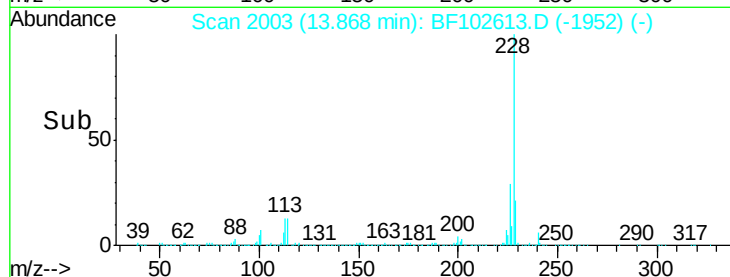
229 20.8 15.8 23.6



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



#81

3,3'-Dichlorobenzidine

Concen: 17.083 ng

RT: 13.83 min Scan# 1997

Delta R.T. -0.00 min

Lab File: BF102613.D

Acq: 29 Jan 2018 22:38

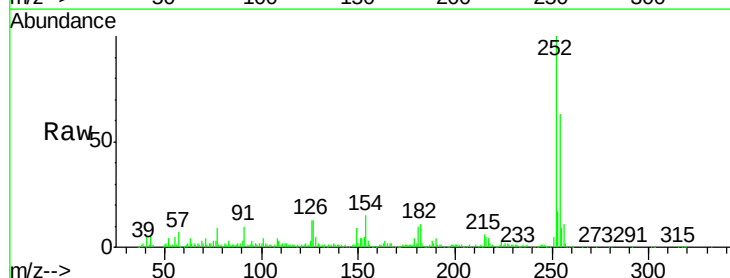
Tgt Ion:252 Resp: 112911

Ion Ratio Lower Upper

252 100

254 63.0 50.4 75.6

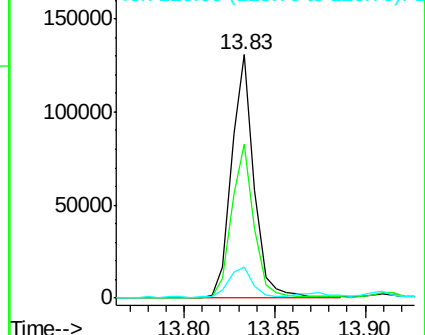
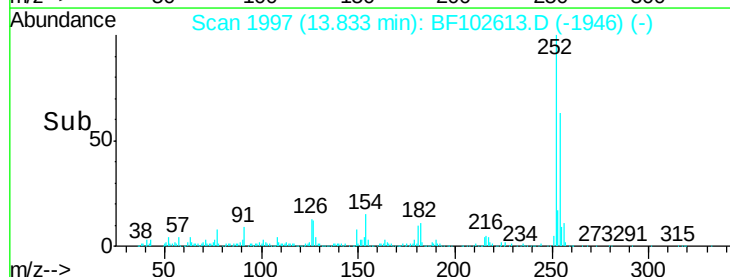
126 12.9 11.3 16.9

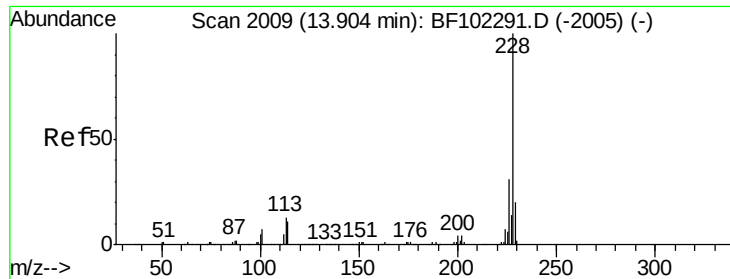


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 32.458 ng

RT: 13.91 min Scan# 2010

Delta R.T. -0.00 min

Lab File: BF102613.D

Acq: 29 Jan 2018 22:38

Instrument :

BNA_F

ClientSampleId :

EPE-106-5(5-10)MSD

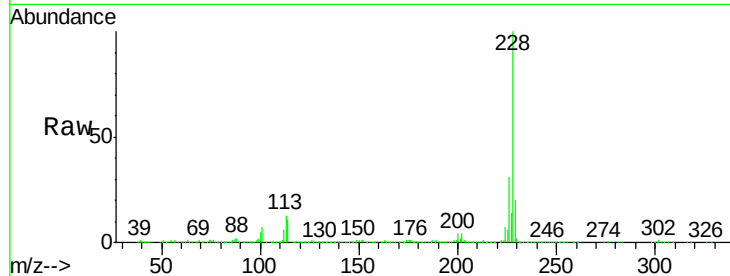
Tgt Ion:228 Resp: 593899

Ion Ratio Lower Upper

228 100

226 31.2 25.0 37.6

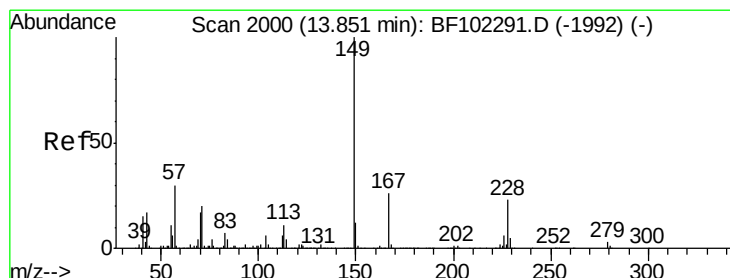
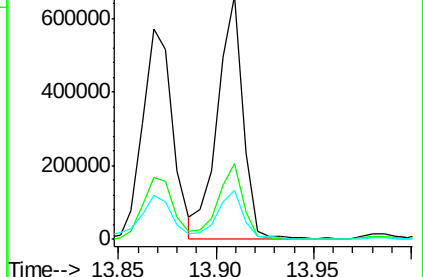
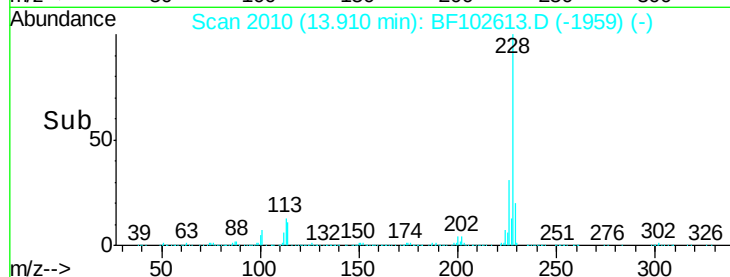
229 20.0 16.2 24.4



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 22.176 ng

RT: 13.85 min Scan# 2000

Delta R.T. -0.00 min

Lab File: BF102613.D

Acq: 29 Jan 2018 22:38

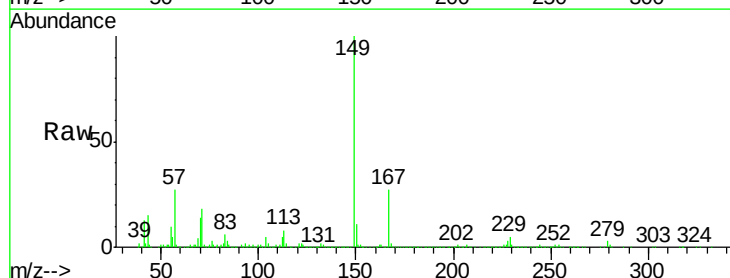
Tgt Ion:149 Resp: 335584

Ion Ratio Lower Upper

149 100

167 26.5 21.3 31.9

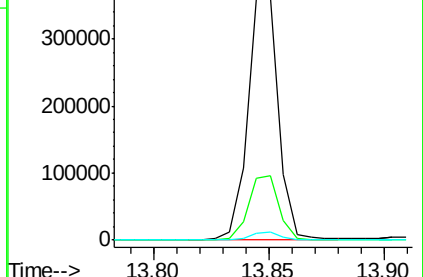
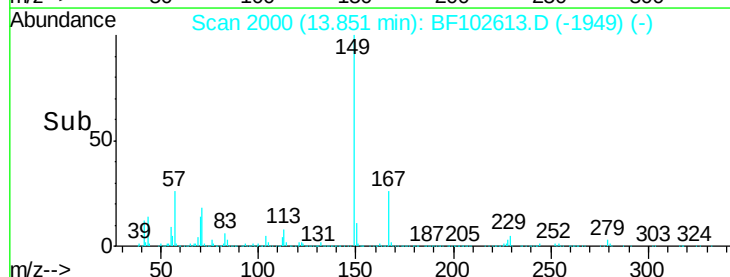
279 3.5 3.0 4.4

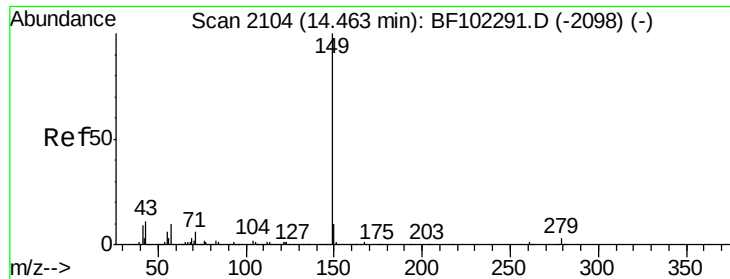


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

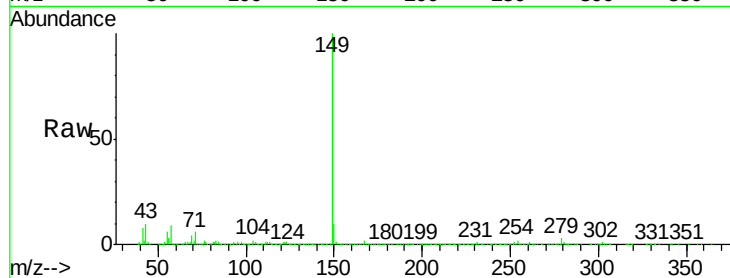




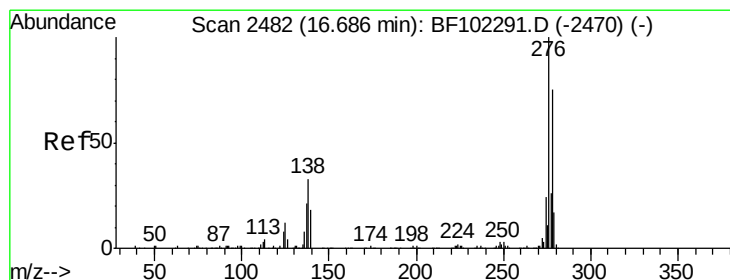
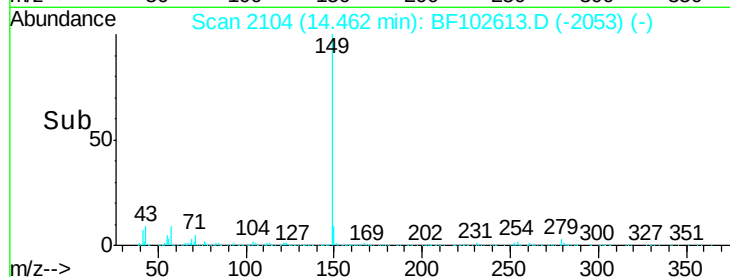
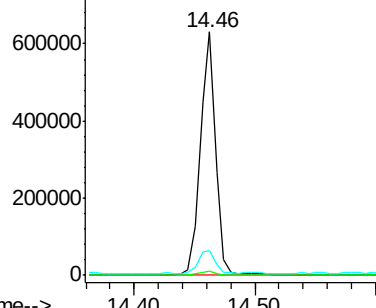
#84
Di-n-octyl phthalate
Concen: 22.061 ng
RT: 14.46 min Scan# 2104
Delta R.T. -0.00 min
Lab File: BF102613.D
Acq: 29 Jan 2018 22:38

Instrument :
BNA_F
ClientSampleId :
EPE-106-5(5-10)MSD

Tgt Ion:149 Resp: 542919
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.0 8.4 12.6

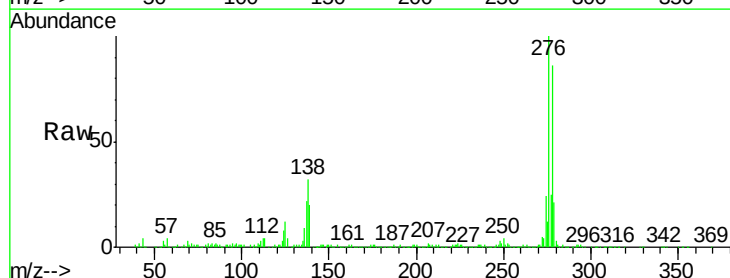


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

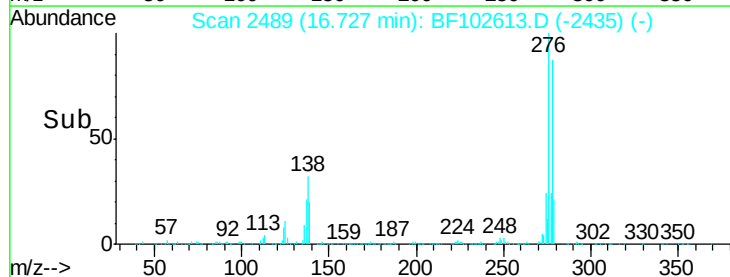
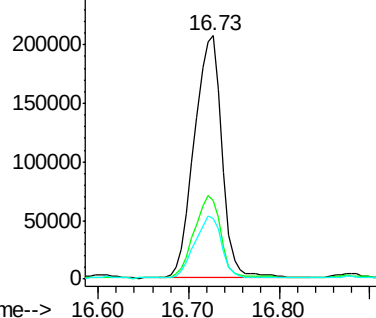


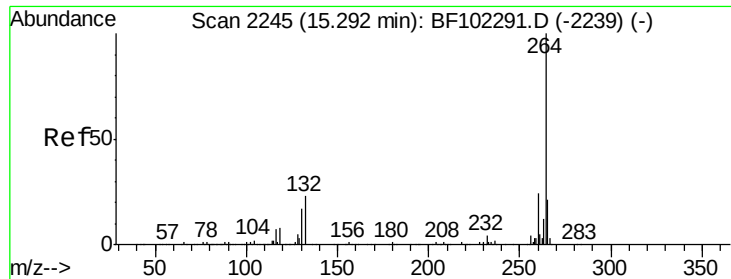
#85
Indeno(1,2,3-cd)pyrene
Concen: 29.115 ng
RT: 16.73 min Scan# 2489
Delta R.T. 0.02 min
Lab File: BF102613.D
Acq: 29 Jan 2018 22:38

Tgt Ion:276 Resp: 439956
Ion Ratio Lower Upper
276 100
138 32.6 25.0 37.6
277 24.0 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

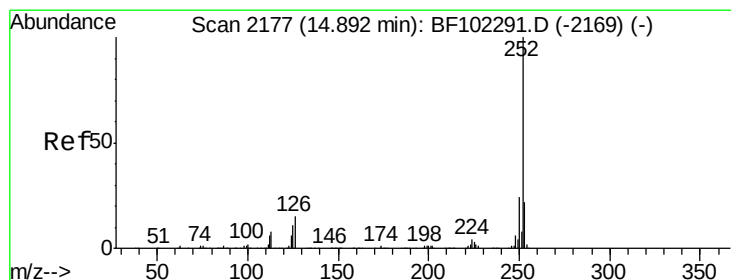
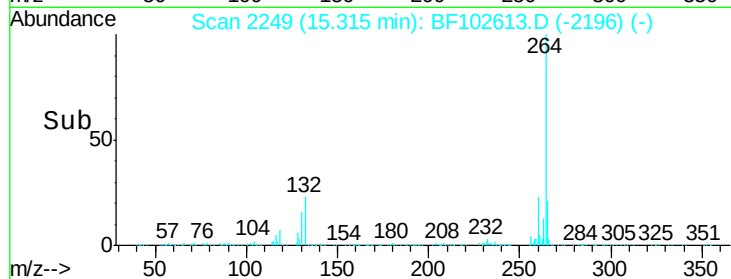
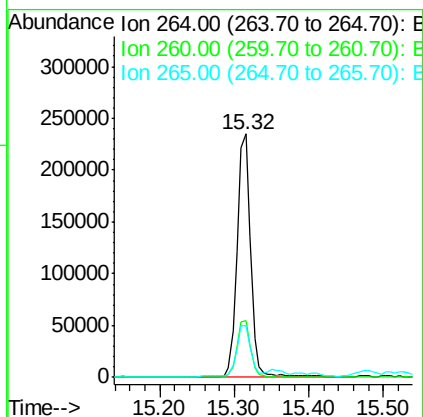
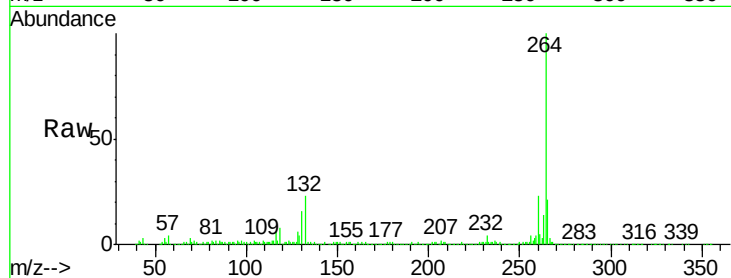




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2249
Delta R.T. 0.01 min
Lab File: BF102613.D
Acq: 29 Jan 2018 22:38

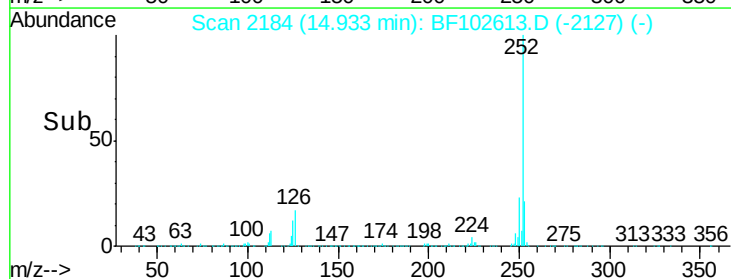
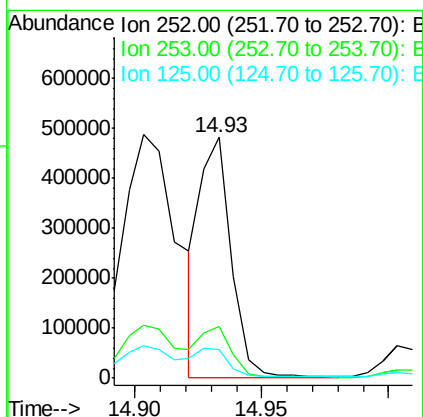
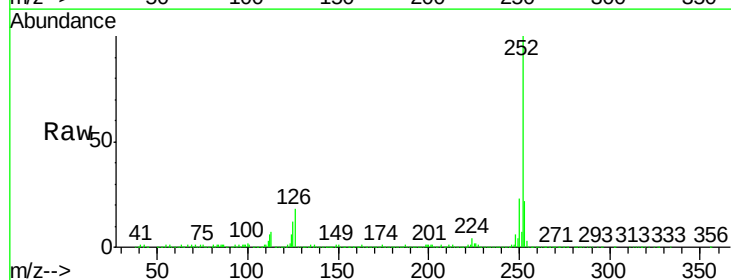
Instrument :
BNA_F
ClientSampleId :
EPE-106-5(5-10)MSD

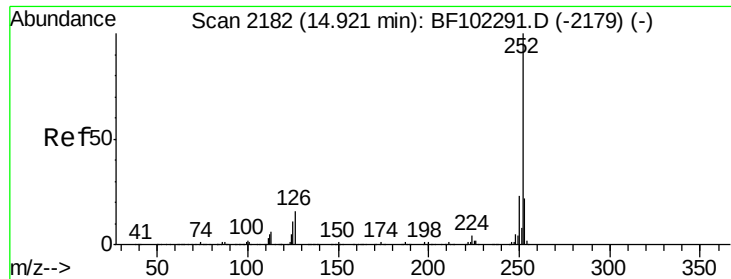
Tgt Ion:264 Resp: 301538
Ion Ratio Lower Upper
264 100
260 23.1 19.2 28.8
265 21.4 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 21.090 ng
RT: 14.93 min Scan# 2184
Delta R.T. 0.04 min
Lab File: BF102613.D
Acq: 29 Jan 2018 22:38

Tgt Ion:252 Resp: 412188
Ion Ratio Lower Upper
252 100
253 21.6 17.0 25.6
125 12.1 9.0 13.6

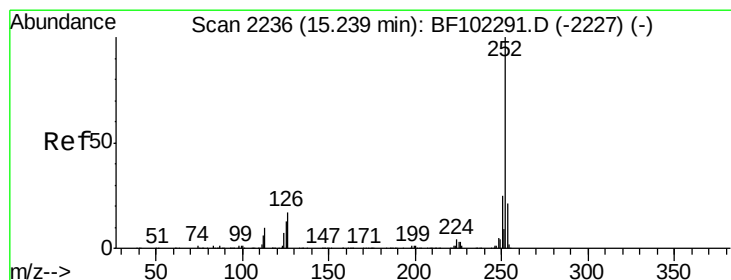
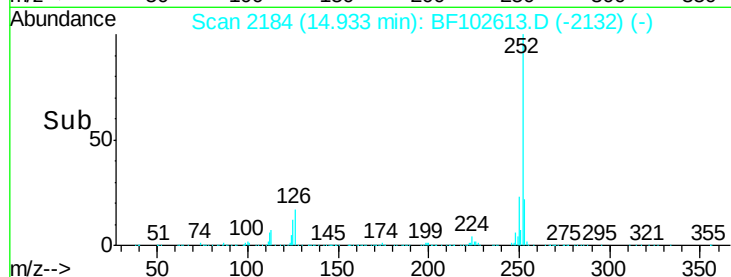
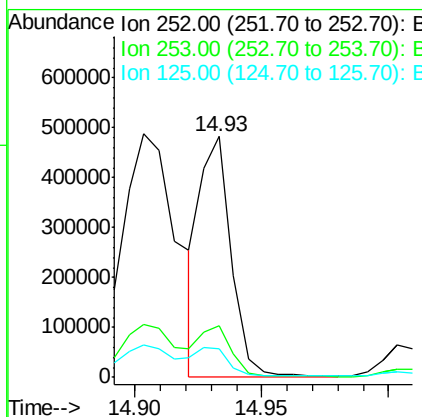
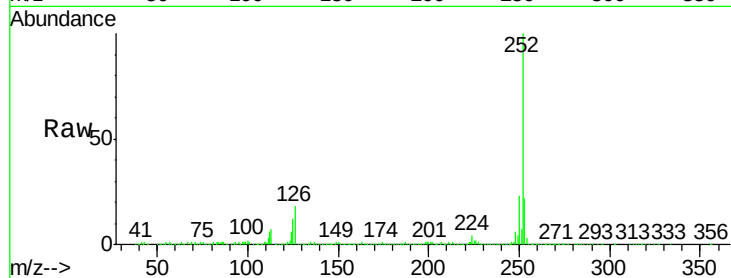




#88
Benzo(k)fluoranthene
Concen: 22.323 ng
RT: 14.93 min Scan# 2184
Delta R.T. 0.01 min
Lab File: BF102613.D
Acq: 29 Jan 2018 22:38

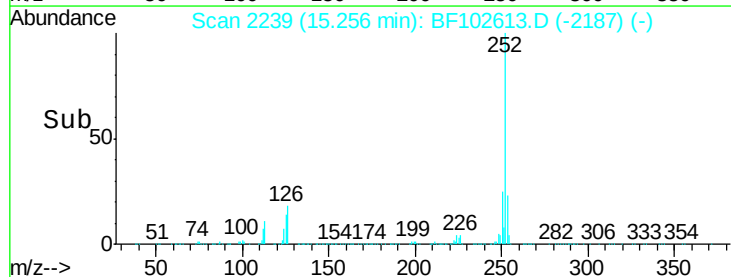
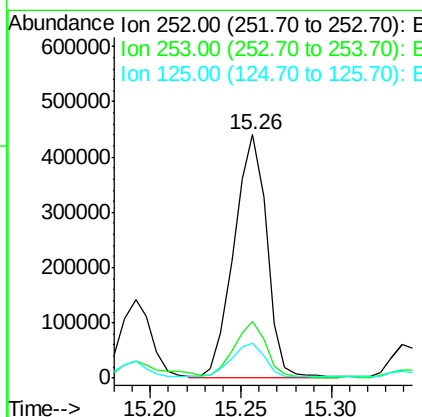
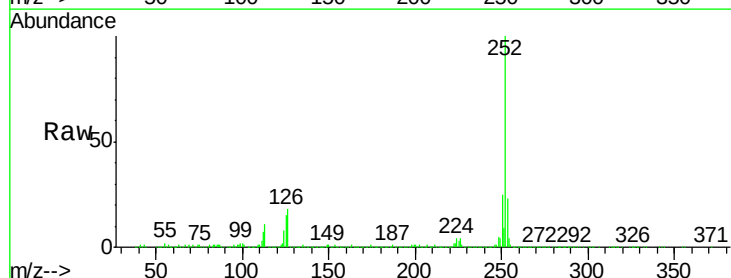
Instrument :
BNA_F
ClientSampleId :
EPE-106-5(5-10)MSD

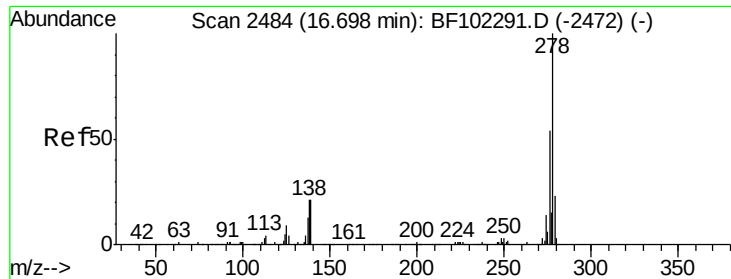
Tgt Ion:252 Resp: 412188
Ion Ratio Lower Upper
252 100
253 21.6 17.9 26.9
125 12.1 10.2 15.2



#89
Benzo(a)pyrene
Concen: 31.411 ng
RT: 15.26 min Scan# 2239
Delta R.T. 0.01 min
Lab File: BF102613.D
Acq: 29 Jan 2018 22:38

Tgt Ion:252 Resp: 553680
Ion Ratio Lower Upper
252 100
253 23.2 17.1 25.7
125 14.5 9.8 14.6





#90

Dibenzo(a,h)anthracene

Concen: 20.146 ng

RT: 16.73 min Scan# 2489

Delta R.T. 0.01 min

Lab File: BF102613.D

Acq: 29 Jan 2018 22:38

Instrument :

BNA_F

ClientSampleId :

EPE-106-5(5-10)MSD

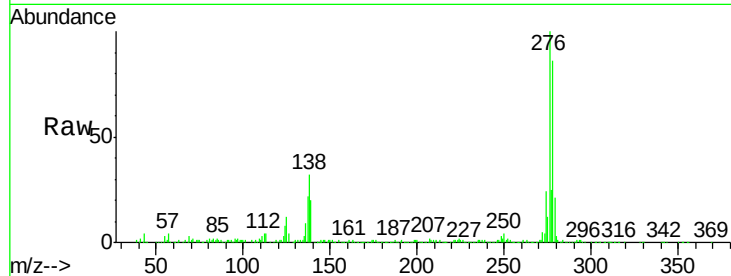
Tgt Ion:278 Resp: 287658

Ion Ratio Lower Upper

278 100

139 23.3 15.9 23.9

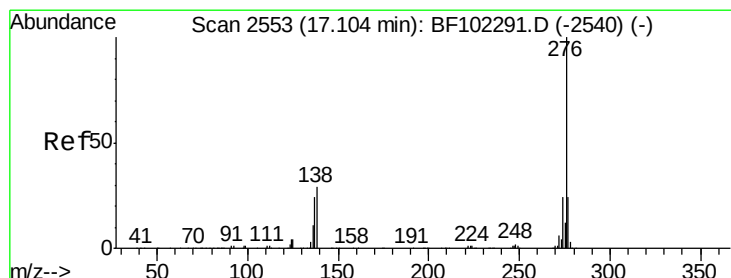
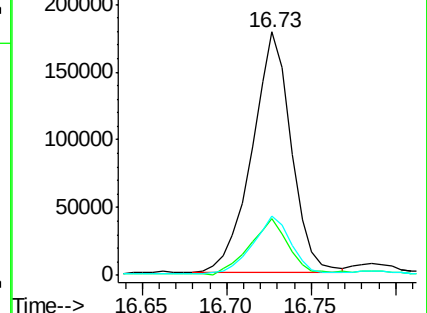
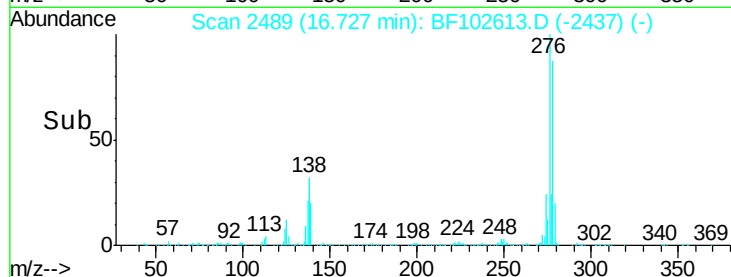
279 24.5 19.0 28.4



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: 26.155 ng

RT: 17.14 min Scan# 2560

Delta R.T. 0.01 min

Lab File: BF102613.D

Acq: 29 Jan 2018 22:38

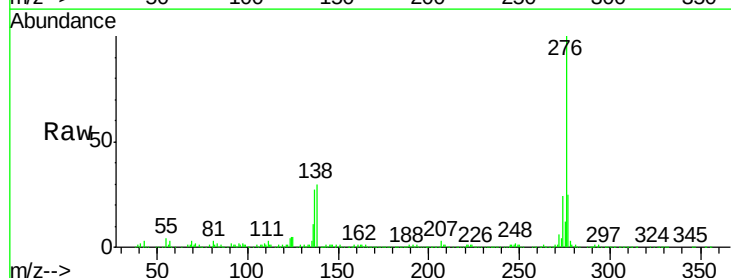
Tgt Ion:276 Resp: 368748

Ion Ratio Lower Upper

276 100

277 25.2 17.9 26.9

138 30.2 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

