

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012918\
 Data File : BF102612.D
 Acq On : 29 Jan 2018 22:11
 Operator : SJ/JU
 Sample : J1353-02MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Jan 30 02:40:31 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	6.72	152	150034	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	584172	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	214720	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	293775	20.00	ng	0.00
75) Chrysene-d12	13.89	240	259044	20.00	ng	0.00
86) Perylene-d12	15.32	264	288598	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	1189961	120.26	ng	0.01
7) Phenol-d6	6.37	99	1380887	115.76	ng	0.01
23) Nitrobenzene-d5	7.29	82	883243	86.89	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	189061	88.86	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1263154	86.50	ng	0.00
78) Terphenyl-d14	12.82	244	846501	73.67	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.40	88	150913	32.099	ng	95
3) Pyridine	3.12	79	420168	34.198	ng	96
4) n-Nitrosodimethylamine	3.08	42	205015	42.564	ng	98
6) Aniline	6.39	93	292631	18.546	ng	# 1
8) 2-Chlorophenol	6.50	128	396759	38.251	ng	99
9) Benzaldehyde	6.27	77	174191	22.972	ng	92
10) Phenol	6.39	94	482917	37.080	ng	85
11) bis(2-Chloroethyl)ether	6.46	93	396905	40.070	ng	97
12) 1,3-Dichlorobenzene	6.66	146	432234	35.038	ng	98
13) 1,4-Dichlorobenzene	6.73	146	436191	35.298	ng	99
14) 1,2-Dichlorobenzene	6.89	146	398978	35.298	ng	98
15) Benzyl Alcohol	6.87	79	294071	34.938	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.99	45	589416	35.479	ng	52
17) 2-Methylphenol	6.99	107	311707	34.602	ng	# 90
18) Hexachloroethane	7.22	117	143875	33.412	ng	97
19) n-Nitroso-di-n-propylamine	7.13	70	264843	36.278	ng	96
20) 3+4-Methylphenols	7.15	107	415900	39.255	ng	93
22) Acetophenone	7.13	105	546660	39.256	ng	98
24) Nitrobenzene	7.30	77	394883	37.959	ng	99
25) Isophorone	7.54	82	700652	38.662	ng	99
26) 2-Nitrophenol	7.62	139	193813	35.398	ng	90
27) 2,4-Dimethylphenol	7.66	122	332701	41.848	ng	99
28) bis(2-Chloroethoxy)methane	7.75	93	470808	42.056	ng	99
29) 2,4-Dichlorophenol	7.87	162	309814	38.257	ng	97
30) 1,2,4-Trichlorobenzene	7.94	180	305181	35.155	ng	98
31) Naphthalene	8.02	128	1096373	37.590	ng	99
33) 4-Chloroaniline	8.08	127	150093	12.237	ng	98
34) Hexachlorobutadiene	8.13	225	160350	34.584	ng	97
35) Caprolactam	8.45	113	86794	32.452	ng	98
36) 4-Chloro-3-methylphenol	8.57	107	296737	34.762	ng	94
37) 2-Methylnaphthalene	8.71	142	695277	35.794	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	257551	39.868	ng	99
40) Hexachlorocyclopentadiene	8.86	237	34580	11.961	ng	97
42) 2,4,6-Trichlorophenol	9.00	196	164565	38.054	ng	98

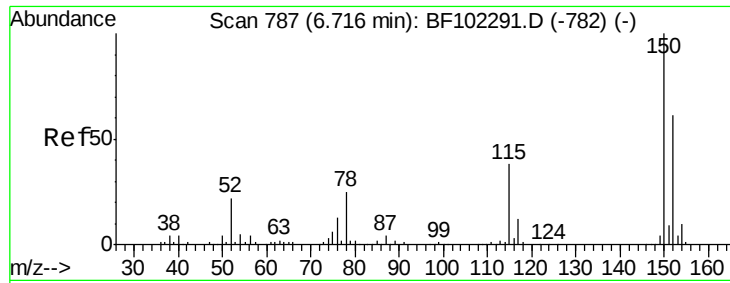
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012918\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.05	196	163460	33.571	ng	98
45) 1,1'-Biphenyl	9.17	154	756297	39.392	ng	99
46) 2-Chloronaphthalene	9.20	162	576584	38.636	ng	98
47) 2-Nitroaniline	9.30	65	178995	38.472	ng	96
48) Acenaphthylene	9.62	152	979565	42.132	ng	100
49) Dimethylphthalate	9.47	163	777986	43.835	ng	100
50) 2,6-Dinitrotoluene	9.55	165	133736	34.950	ng	97
51) Acenaphthene	9.79	154	492720	36.287	ng	100
52) 3-Nitroaniline	9.72	138	111332	24.595	ng	96
53) 2,4-Dinitrophenol	9.85	184	8544	8.442	ng	# 23
54) Dibenzofuran	9.96	168	710421	38.658	ng	98
55) 4-Nitrophenol	9.90	139	129159	43.225	ng	93
56) 2,4-Dinitrotoluene	9.96	165	148845	31.632	ng	# 86
57) Fluorene	10.30	166	556137	38.191	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.08	232	108529	31.218	ng	96
59) Diethylphthalate	10.17	149	581829	33.736	ng	100
60) 4-Chlorophenyl-phenylether	10.29	204	232962	36.899	ng	95
61) 4-Nitroaniline	10.33	138	114558	25.362	ng	95
62) Azobenzene	10.45	77	527080	33.380	ng	96
64) 4,6-Dinitro-2-methylphenol	10.37	198	15373	7.844	ng	96
65) n-Nitrosodiphenylamine	10.41	169	464976	43.122	ng	99
66) 4-Bromophenyl-phenylether	10.78	248	128397	40.600	ng	92
67) Hexachlorobenzene	10.85	284	120132	33.966	ng	97
68) Atrazine	10.94	200	124178	38.993	ng	99
69) Pentachlorophenol	11.05	266	83732	45.066	ng	99
70) Phenanthrene	11.26	178	1190586	69.548	ng	99
71) Anthracene	11.32	178	804508	46.043	ng	99
72) Carbazole	11.47	167	676994	39.715	ng	99
73) Di-n-butylphthalate	11.79	149	761227	35.726	ng	99
74) Fluoranthene	12.46	202	1582417	90.646	ng	100
76) Benzidine	12.58	184	113315	13.021	ng	96
77) Pyrene	12.69	202	1501351	74.961	ng	99
79) Butylbenzylphthalate	13.29	149	335178	33.628	ng	99
80) Benzo(a)anthracene	13.87	228	1188362	74.512	ng	97
81) 3,3'-Dichlorobenzidine	13.84	252	162178	27.720	ng	99
82) Chrysene	13.92	228	1085526	67.026	ng	99
83) Bis(2-ethylhexyl)phthalate	13.85	149	496701	37.082	ng	99
84) Di-n-octyl phthalate	14.46	149	895647	41.116	ng	100
85) Indeno(1,2,3-cd)pyrene	16.74	276	797286	59.609	ng	99
87) Benzo(b)fluoranthene	14.94	252	841108	44.966	ng	96
88) Benzo(k)fluoranthene	14.94	252	841108	47.594	ng	99
89) Benzo(a)pyrene	15.27	252	1073924	63.658	ng	96
90) Dibenzo(a,h)anthracene	16.74	278	502171	36.747	ng	96
91) Benzo(g,h,i)perylene	17.16	276	682436	50.575	ng	97

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

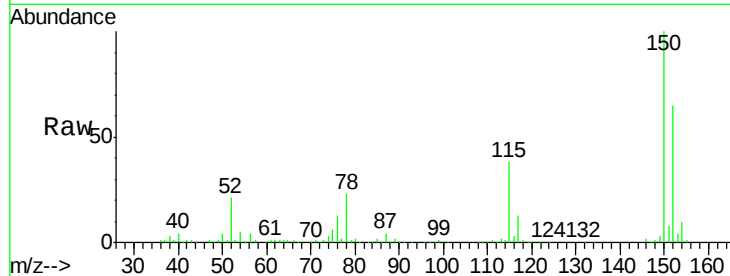


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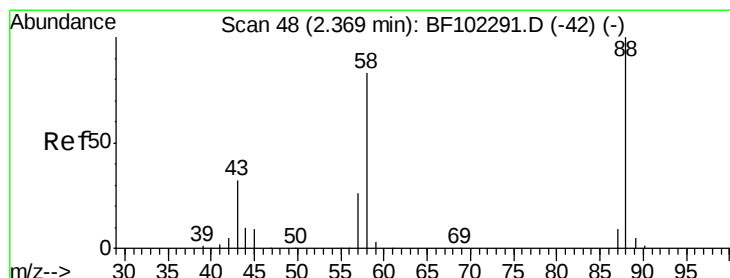
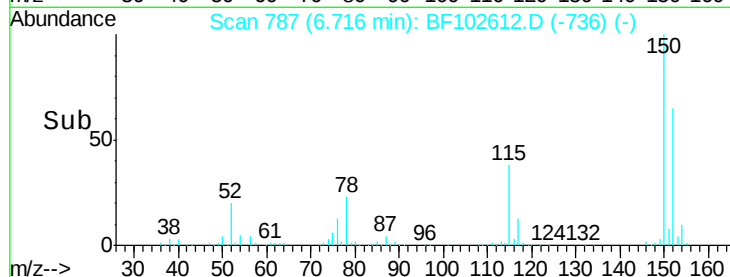
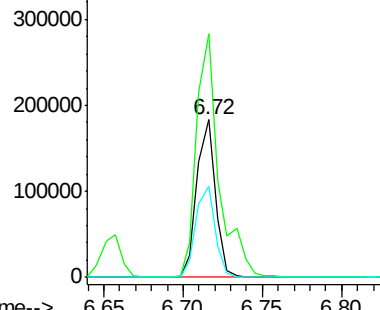
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

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

Tgt Ion:152 Resp: 150034
Ion Ratio Lower Upper
152 100
150 154.6 124.6 186.8
115 58.1 50.1 75.1



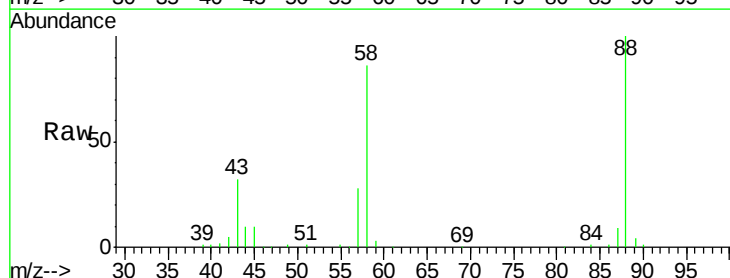
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



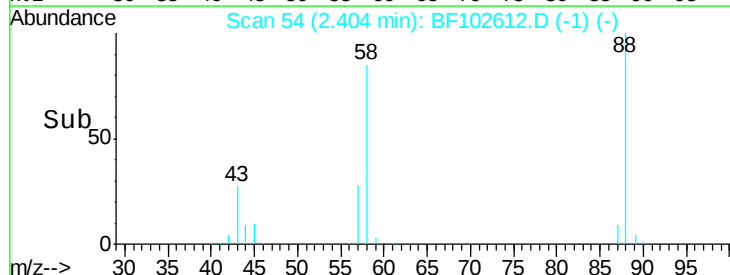
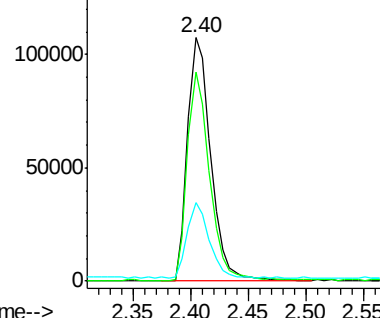
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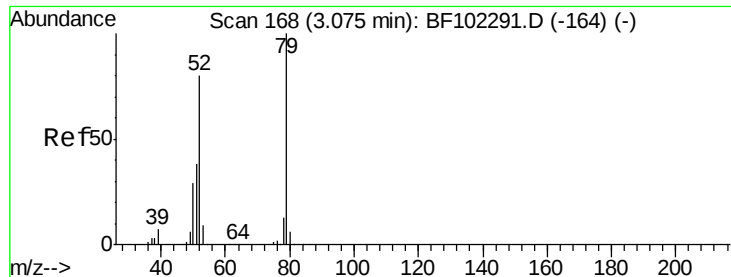
1,4-Dioxane
Concen: 32.099 ng
RT: 2.40 min Scan# 54
Delta R.T. 0.04 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

Tgt Ion: 88 Resp: 150913
Ion Ratio Lower Upper
88 100
58 83.1 62.6 93.8
43 29.4 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: 34.198 ng

RT: 3.12 min Scan# 176

Delta R.T. 0.05 min

Lab File: BF102612.D

Acq: 29 Jan 2018 22:11

Instrument :

BNA_F

ClientSampleId :

EPE-106-5(5-10)MS

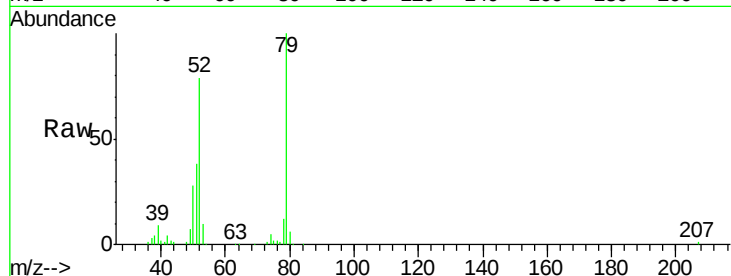
Tgt Ion: 79 Resp: 420168

Ion Ratio Lower Upper

79 100

52 78.9 59.8 89.6

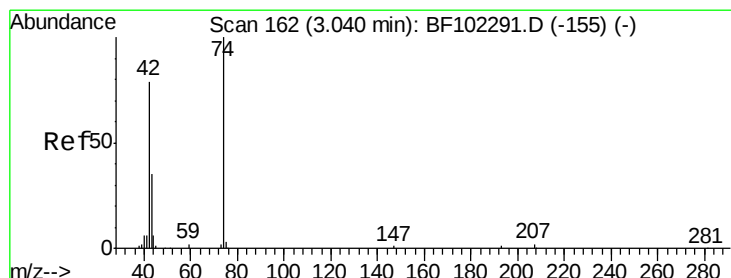
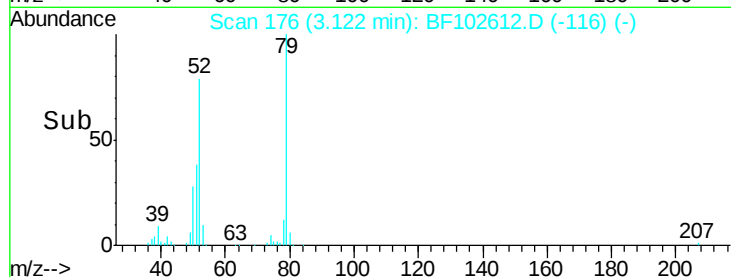
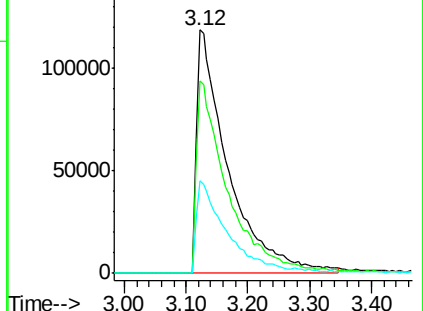
51 38.0 29.8 44.8



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: 42.564 ng

RT: 3.08 min Scan# 169

Delta R.T. 0.04 min

Lab File: BF102612.D

Acq: 29 Jan 2018 22:11

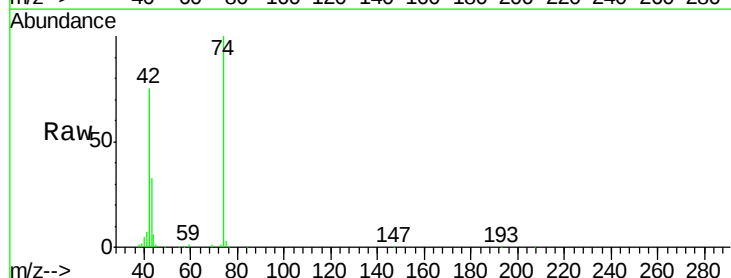
Tgt Ion: 42 Resp: 205015

Ion Ratio Lower Upper

42 100

74 132.9 104.9 157.3

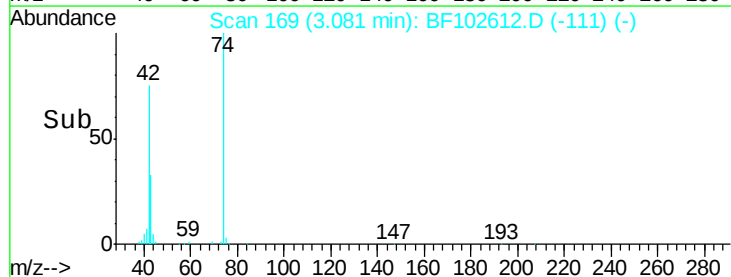
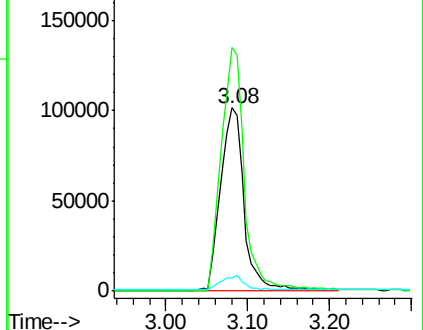
44 7.3 6.9 10.3

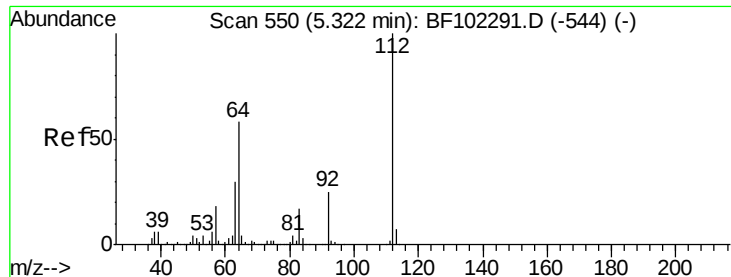


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 120.259 ng

RT: 5.33 min Scan# 552

Delta R.T. 0.01 min

Lab File: BF102612.D

Acq: 29 Jan 2018 22:11

Instrument :

BNA_F

ClientSampleId :

EPE-106-5(5-10)MS

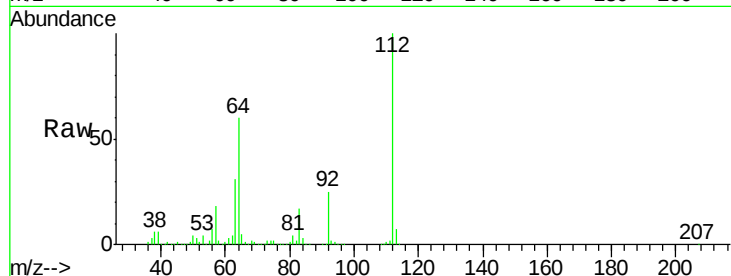
Tgt Ion:112 Resp: 1189961

Ion Ratio Lower Upper

112 100

64 59.6 47.9 71.9

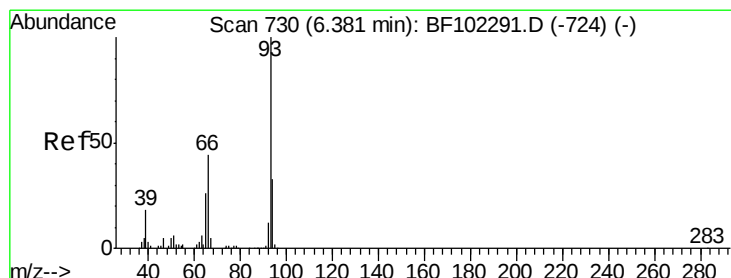
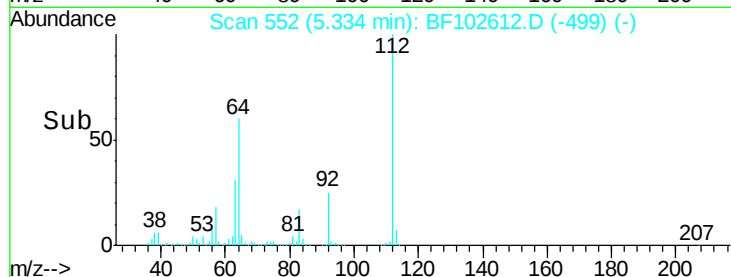
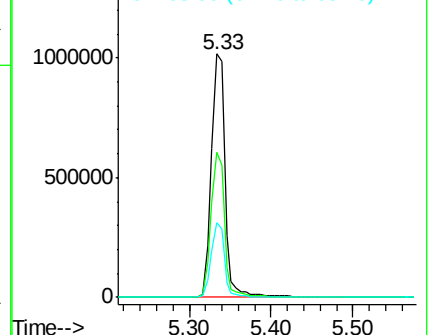
63 30.5 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 18.546 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF102612.D

Acq: 29 Jan 2018 22:11

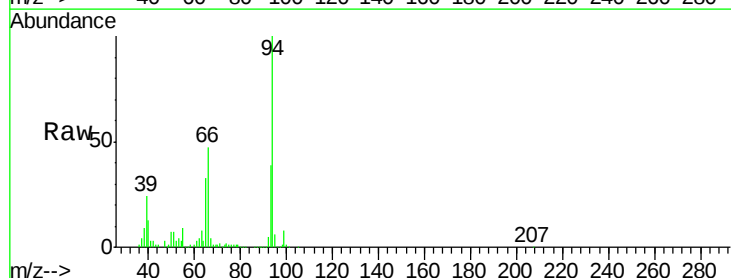
Tgt Ion: 93 Resp: 292631

Ion Ratio Lower Upper

93 100

66 120.5 32.2 48.2#

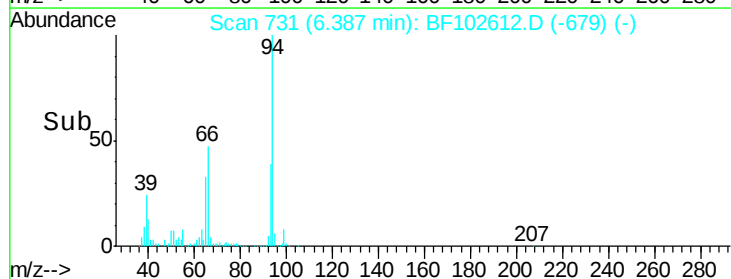
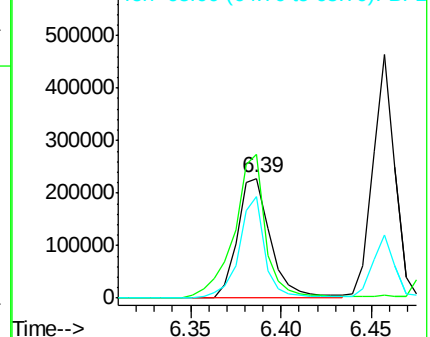
65 84.5 16.4 24.6#

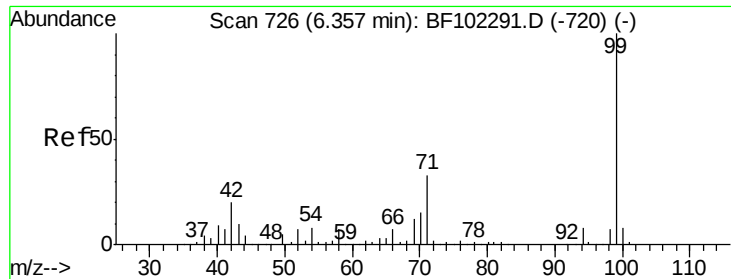


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 115.756 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF102612.D

Acq: 29 Jan 2018 22:11

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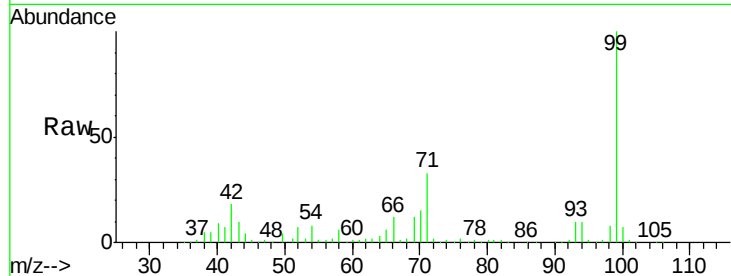
Tgt Ion: 99 Resp: 1380887

Ion Ratio Lower Upper

99 100

42 18.5 14.5 21.7

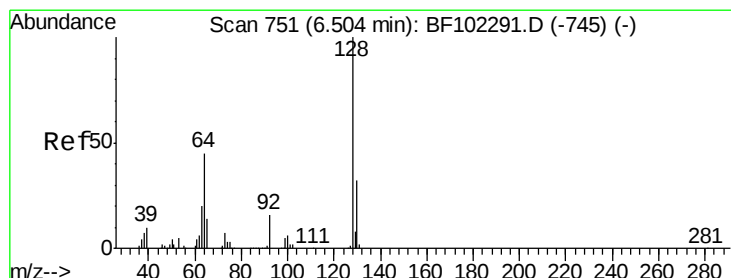
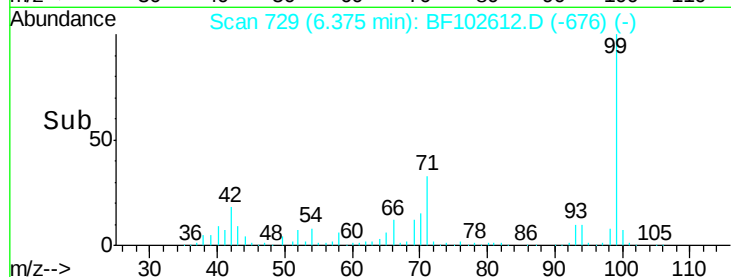
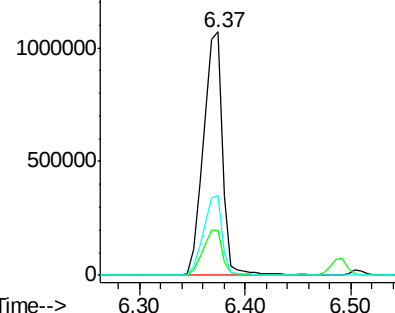
71 32.6 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 38.251 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF102612.D

Acq: 29 Jan 2018 22:11

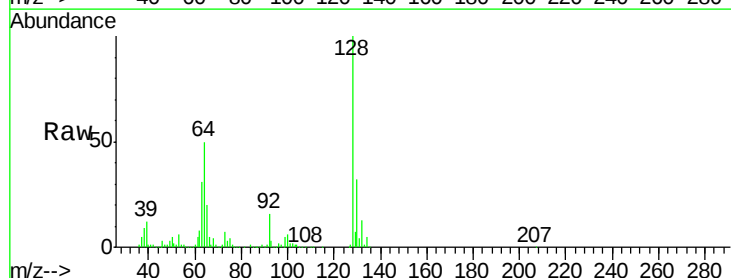
Tgt Ion: 128 Resp: 396759

Ion Ratio Lower Upper

128 100

130 32.2 13.0 53.0

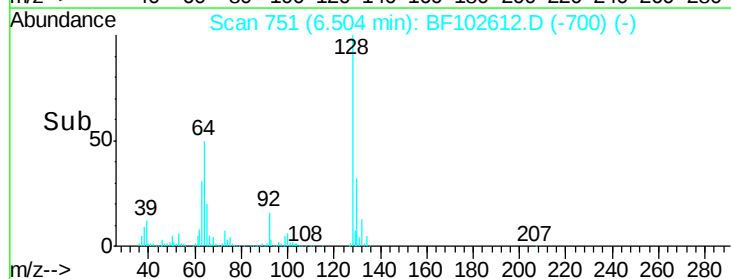
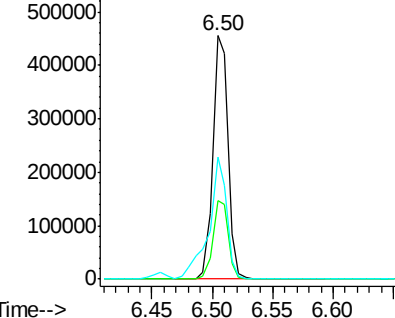
64 50.0 29.4 69.4

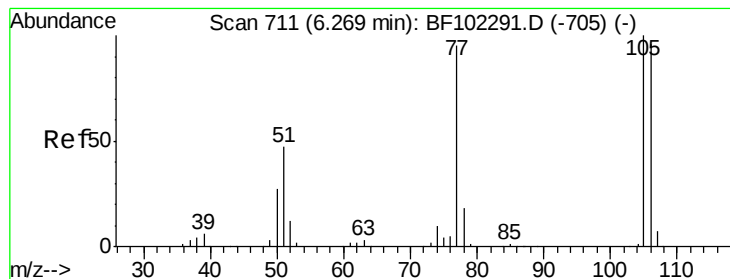


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 22.972 ng

RT: 6.27 min Scan# 711

Delta R.T. -0.00 min

Lab File: BF102612.D

Acq: 29 Jan 2018 22:11

Instrument :

BNA_F

ClientSampleId :

EPE-106-5(5-10)MS

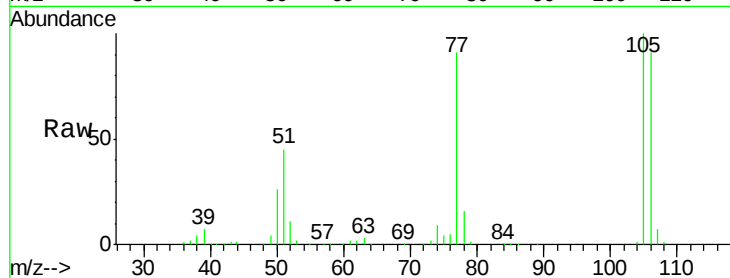
Tgt Ion: 77 Resp: 174191

Ion Ratio Lower Upper

77 100

105 110.4 81.1 121.1

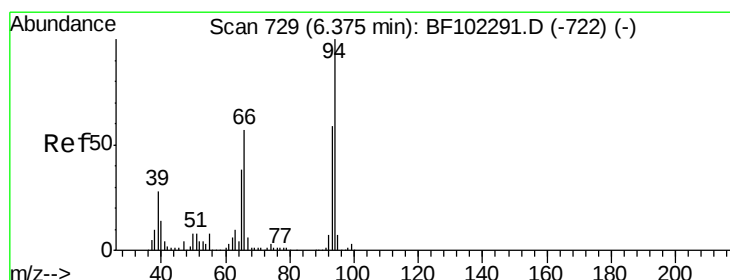
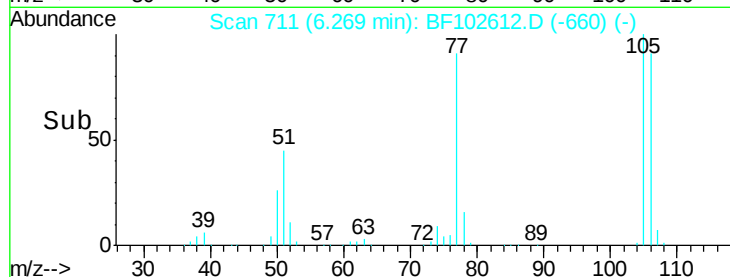
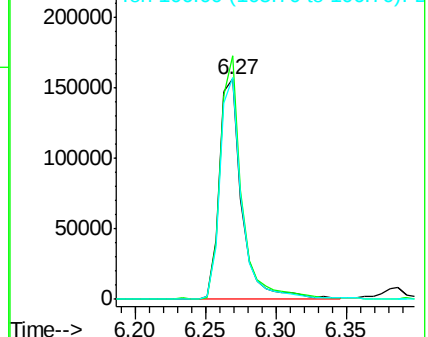
106 100.5 74.5 114.5



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: 37.080 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF102612.D

Acq: 29 Jan 2018 22:11

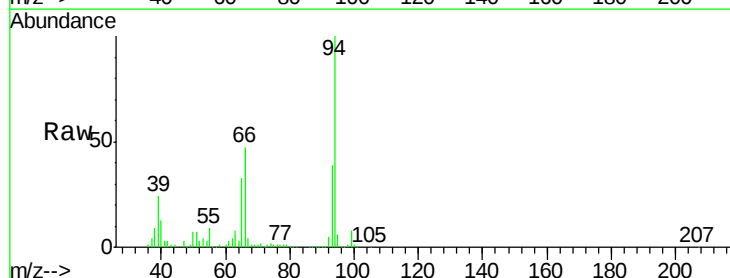
Tgt Ion: 94 Resp: 482917

Ion Ratio Lower Upper

94 100

65 33.1 7.9 47.9

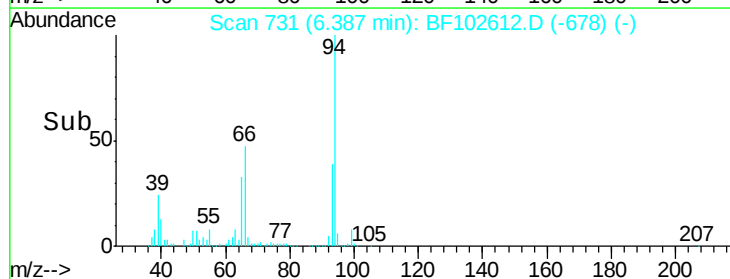
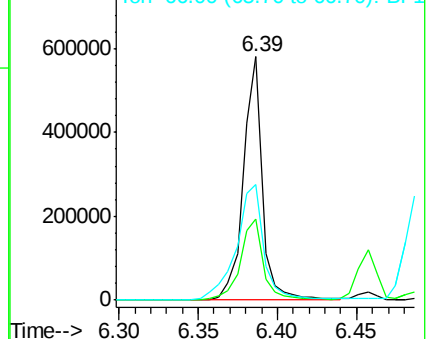
66 47.3 16.2 56.2

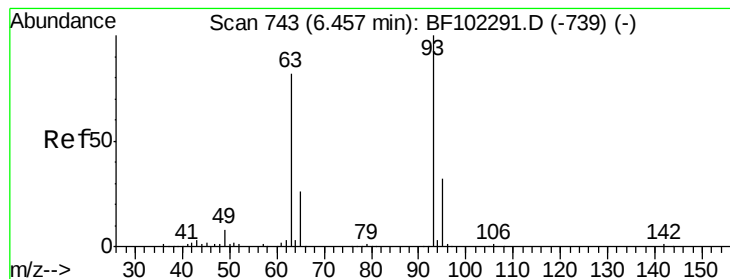


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 40.070 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF102612.D

Acq: 29 Jan 2018 22:11

Instrument :

BNA_F

ClientSampleId :

EPE-106-5(5-10)MS

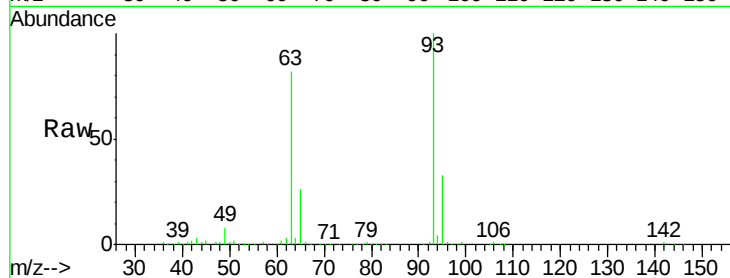
Tgt Ion: 93 Resp: 396905

Ion Ratio Lower Upper

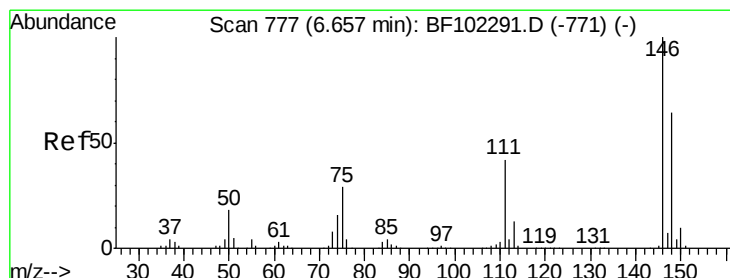
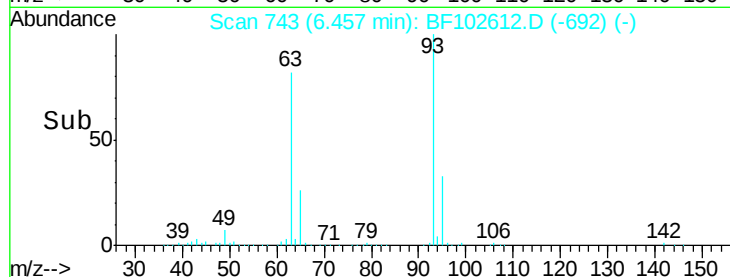
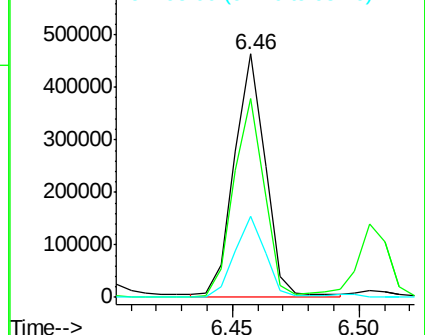
93 100

63 81.8 58.6 98.6

95 33.3 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: 35.038 ng

RT: 6.66 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF102612.D

Acq: 29 Jan 2018 22:11

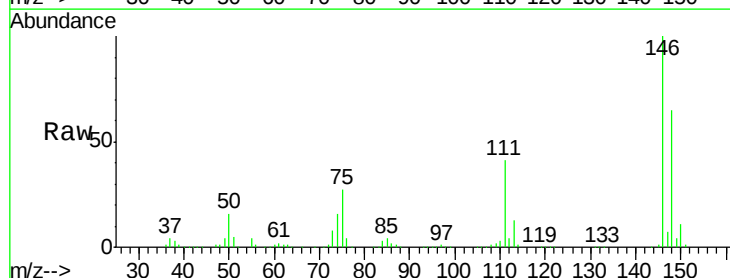
Tgt Ion: 146 Resp: 432234

Ion Ratio Lower Upper

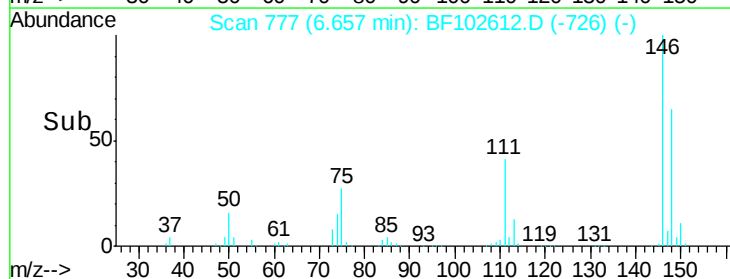
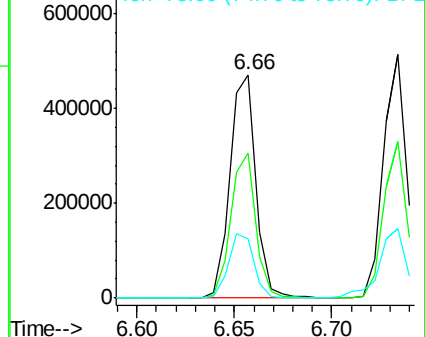
146 100

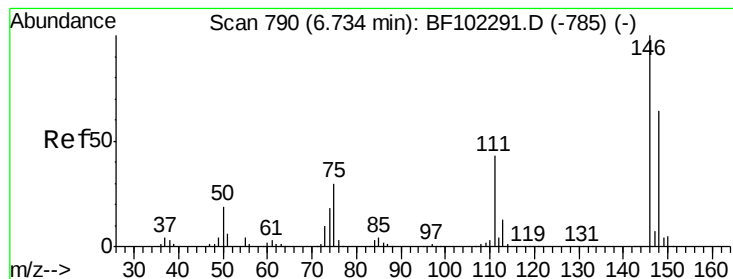
148 64.9 51.8 77.8

75 26.7 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: 35.298 ng

RT: 6.73 min Scan# 790

Delta R.T. -0.00 min

Lab File: BF102612.D

Acq: 29 Jan 2018 22:11

Instrument :

BNA_F

ClientSampleId :

EPE-106-5(5-10)MS

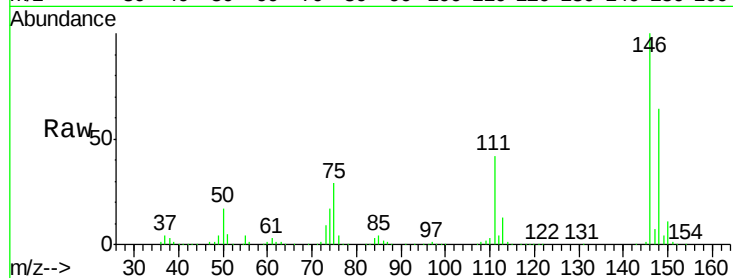
Tgt Ion:146 Resp: 436191

Ion Ratio Lower Upper

146 100

148 64.3 50.8 76.2

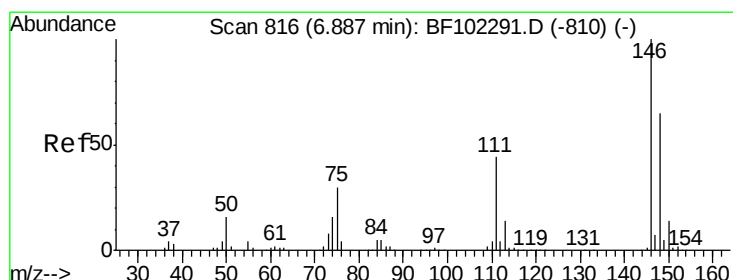
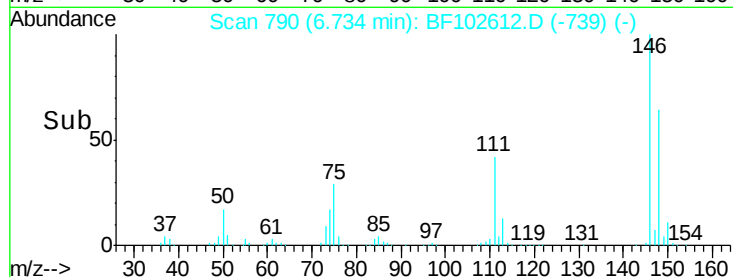
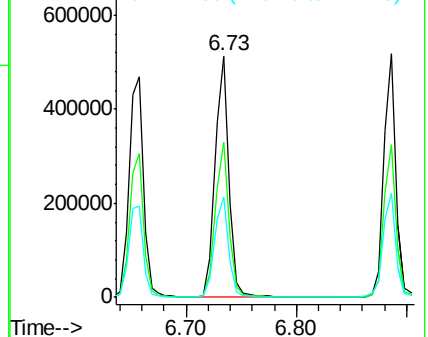
111 41.7 34.2 51.2



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: 35.298 ng

RT: 6.89 min Scan# 816

Delta R.T. -0.00 min

Lab File: BF102612.D

Acq: 29 Jan 2018 22:11

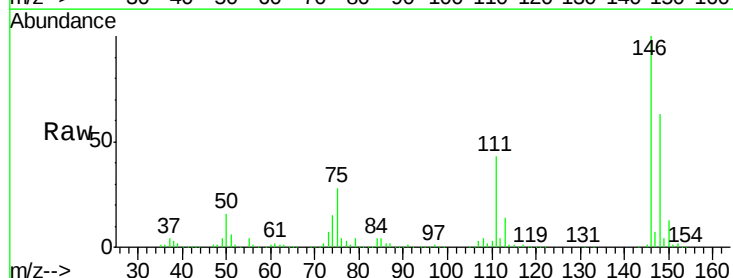
Tgt Ion:146 Resp: 398978

Ion Ratio Lower Upper

146 100

148 62.8 50.6 75.8

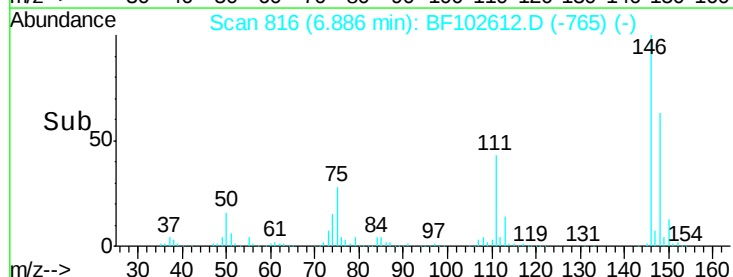
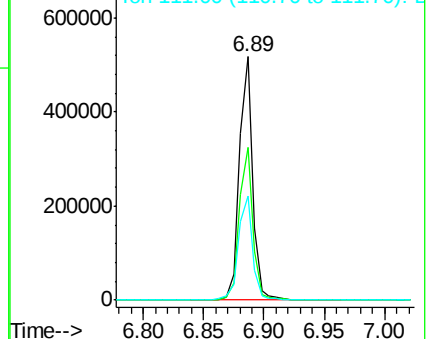
111 43.0 36.0 54.0

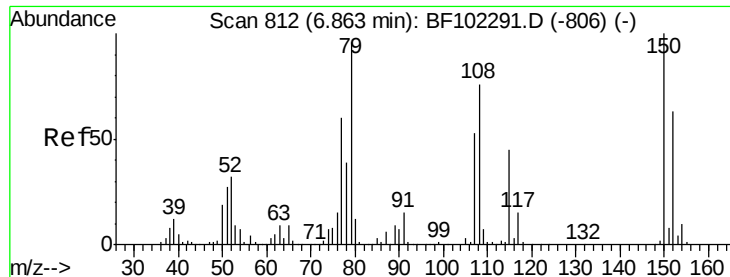


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 34.938 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.00 min

Lab File: BF102612.D

Acq: 29 Jan 2018 22:11

Instrument :

BNA_F

ClientSampleId :

EPE-106-5(5-10)MS

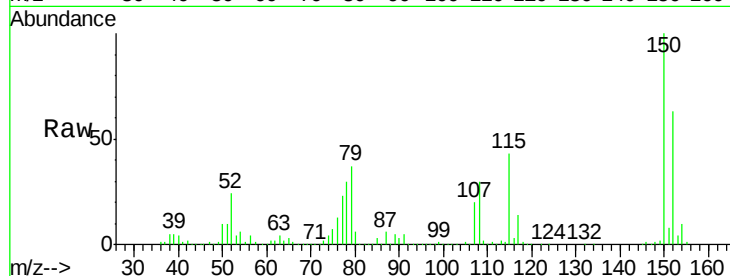
Tgt Ion: 79 Resp: 294071

Ion Ratio Lower Upper

79 100

108 80.1 65.1 97.7

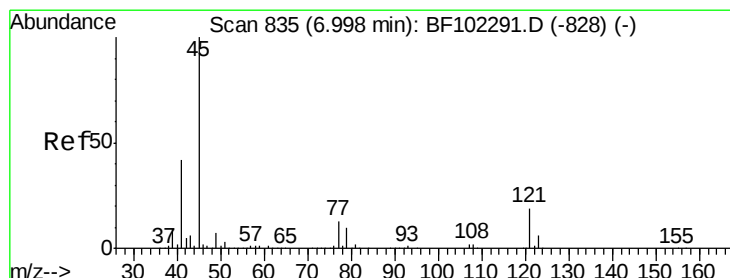
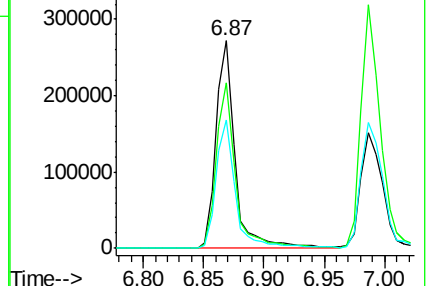
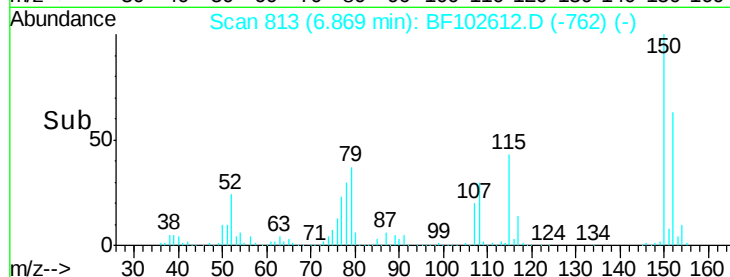
77 62.2 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.479 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.00 min

Lab File: BF102612.D

Acq: 29 Jan 2018 22:11

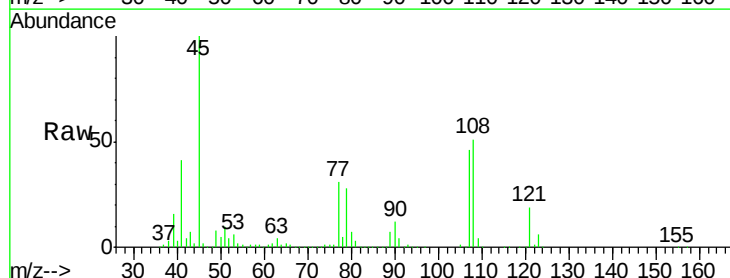
Tgt Ion: 45 Resp: 589416

Ion Ratio Lower Upper

45 100

77 31.1 0.0 32.9

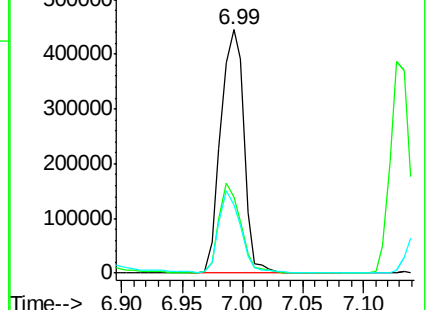
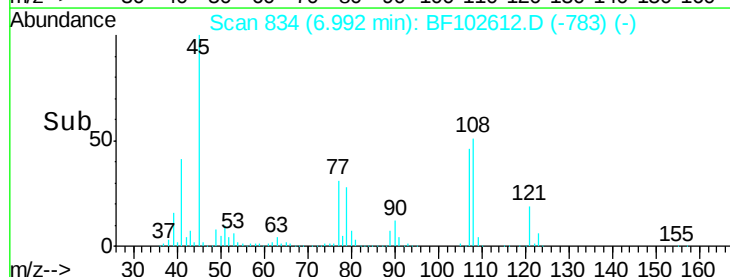
79 27.8 0.0 29.6

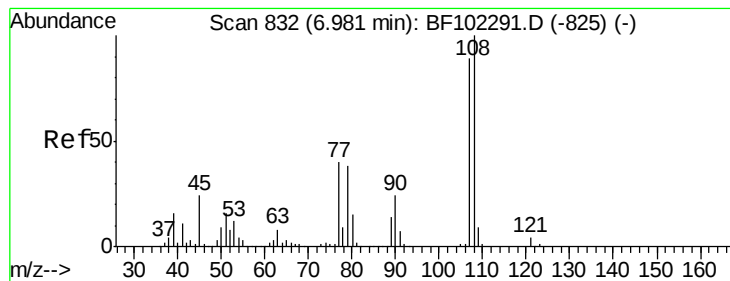


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 34.602 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.01 min

Lab File: BF102612.D

Acq: 29 Jan 2018 22:11

Instrument :

BNA_F

ClientSampleId :

EPE-106-5(5-10)MS

Tgt Ion:107 Resp: 311707

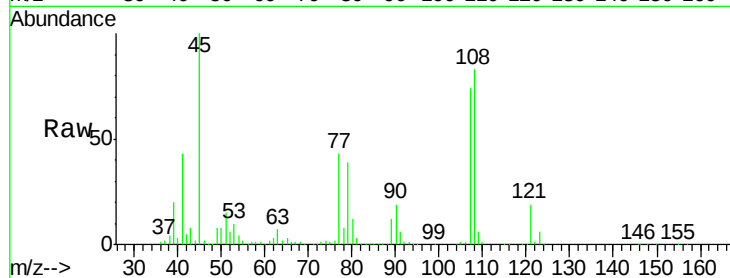
Ion Ratio Lower Upper

107 100

108 112.3 91.7 137.5

77 58.3 33.8 50.8#

79 53.4 33.8 50.8#

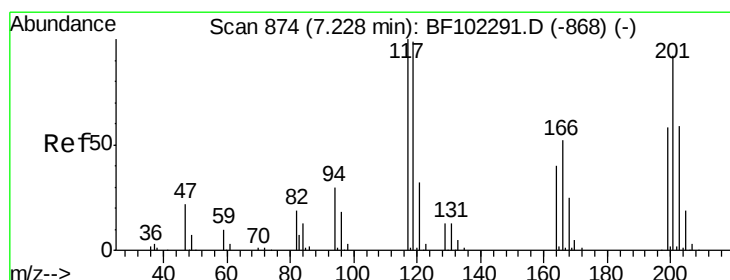
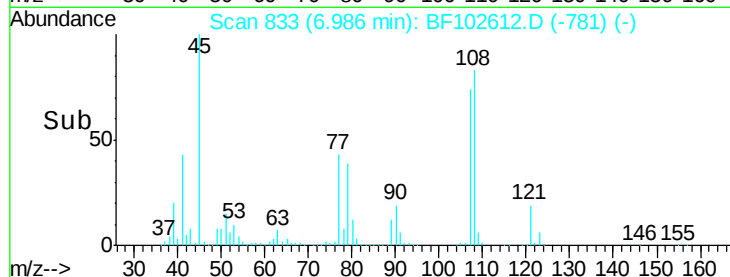
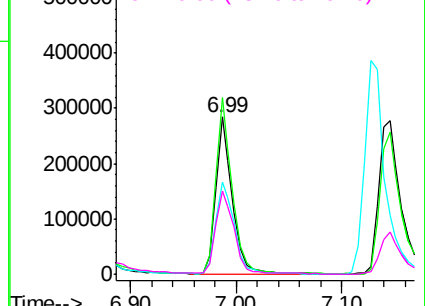


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 33.412 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.00 min

Lab File: BF102612.D

Acq: 29 Jan 2018 22:11

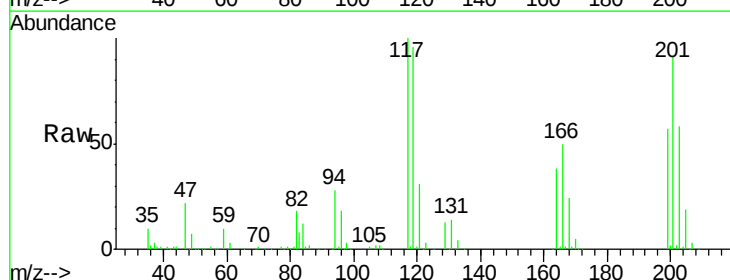
Tgt Ion:117 Resp: 143875

Ion Ratio Lower Upper

117 100

119 96.4 75.8 113.8

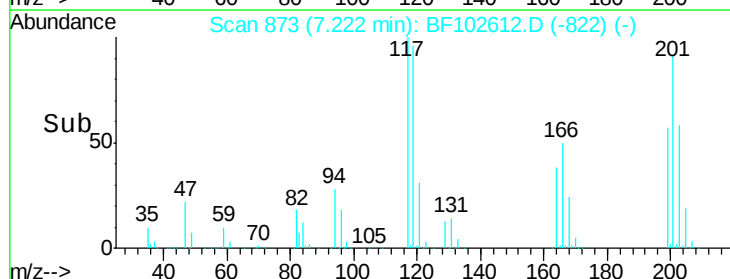
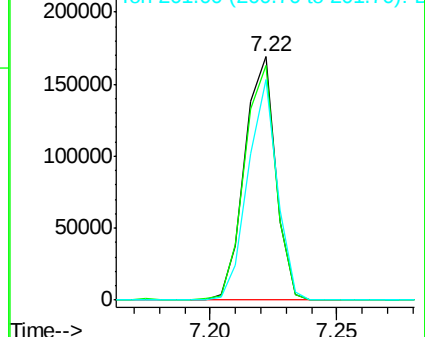
201 90.6 75.7 113.5

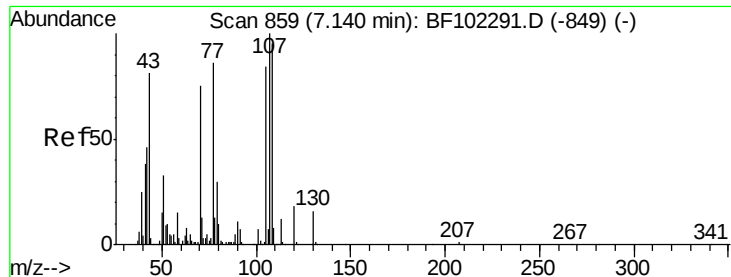


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

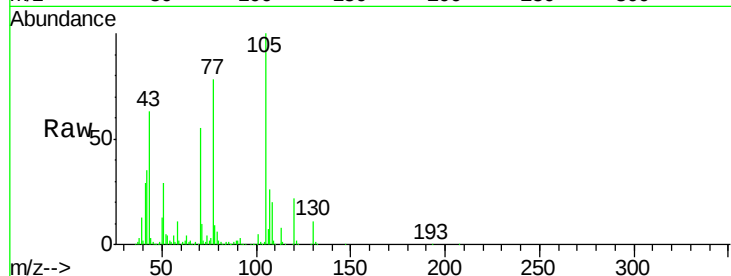




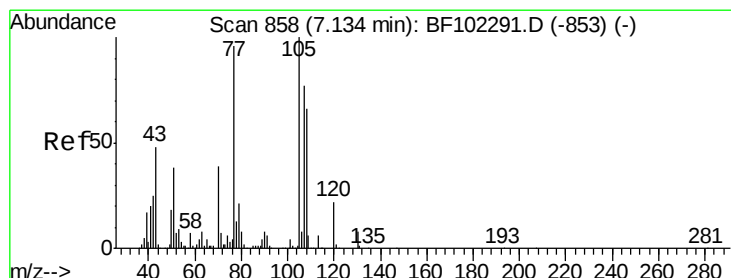
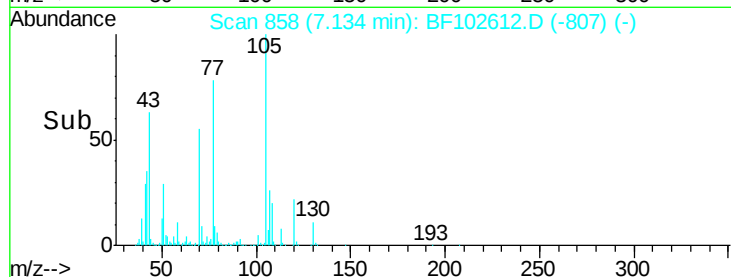
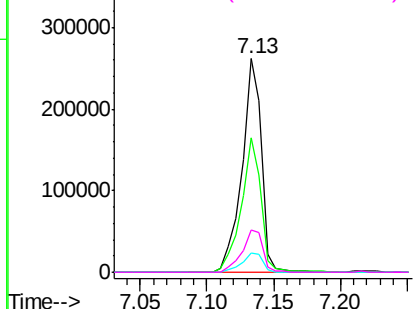
#19
n-Nitroso-di-n-propylamine
Concen: 36.278 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.00 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

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

Tgt Ion: 70 Resp: 264843
Ion Ratio Lower Upper
70 100
42 62.8 47.5 71.3
101 9.2 7.4 11.2
130 19.8 16.6 25.0

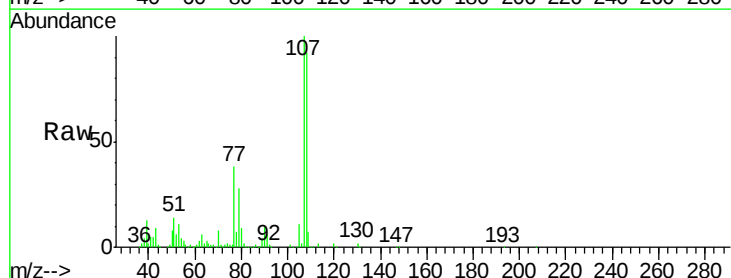


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

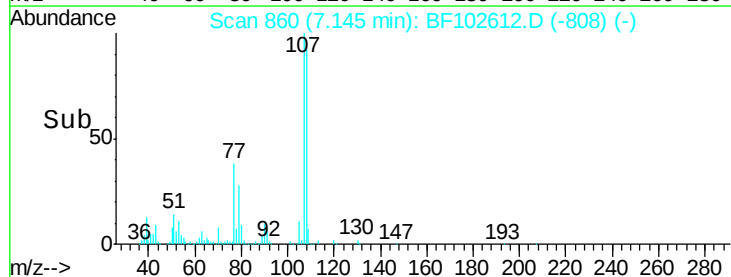
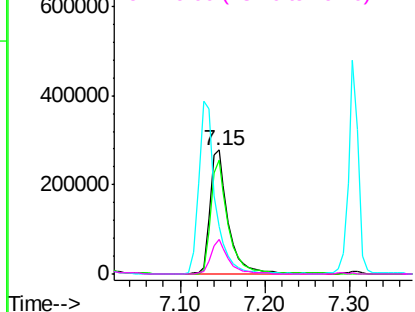


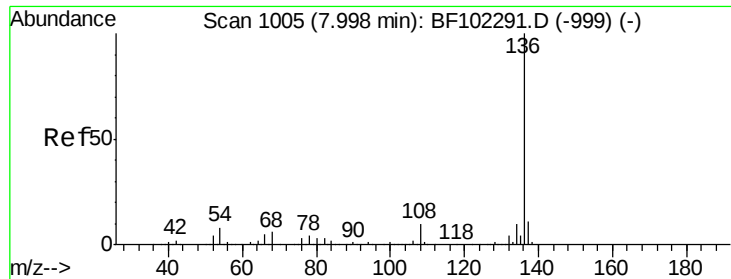
#20
3+4-Methylphenols
Concen: 39.255 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.01 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

Tgt Ion: 107 Resp: 415900
Ion Ratio Lower Upper
107 100
108 92.4 68.2 108.2
77 37.9 26.7 66.7
79 27.6 6.3 46.3



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BF102612.D

Acq: 29 Jan 2018 22:11

Instrument :

BNA_F

ClientSampleId :

EPE-106-5(5-10)MS

Tgt Ion:136 Resp: 584172

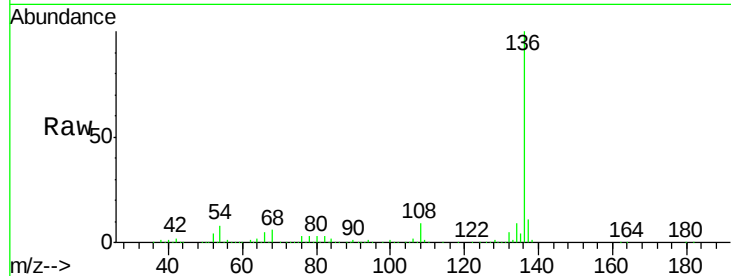
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.1 6.6 9.8

68 5.8 5.0 7.4

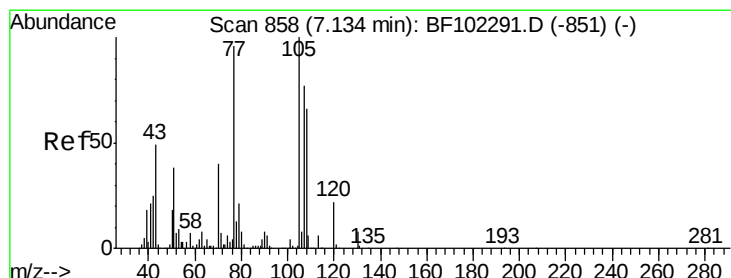
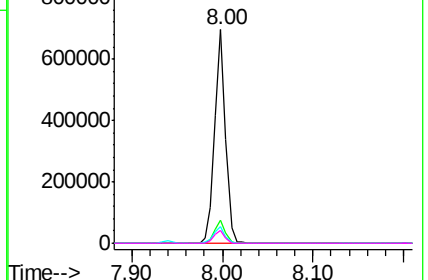
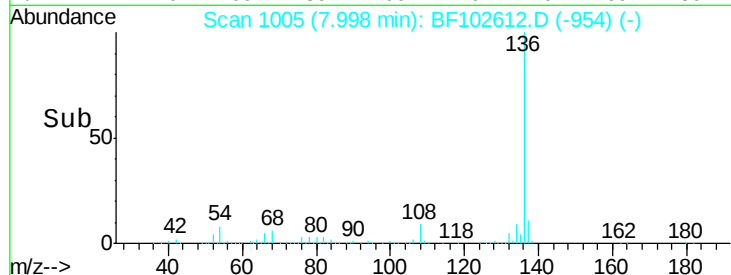


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.256 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.01 min

Lab File: BF102612.D

Acq: 29 Jan 2018 22:11

Tgt Ion:105 Resp: 546660

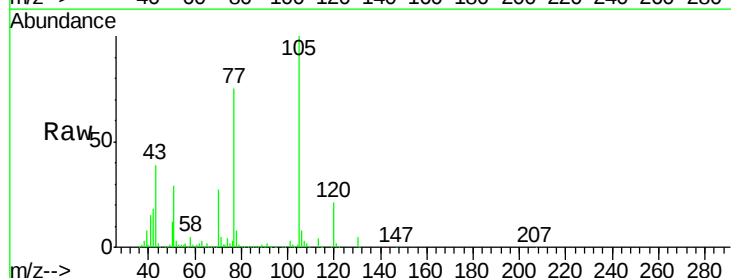
Ion Ratio Lower Upper

105 100

71 4.8 4.4 6.6

51 29.2 22.3 33.5

120 21.4 16.9 25.3

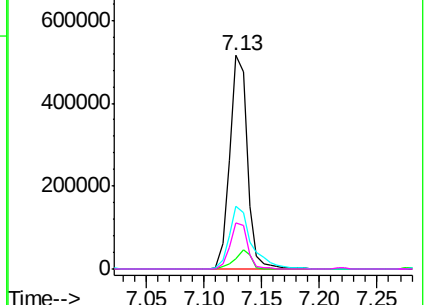
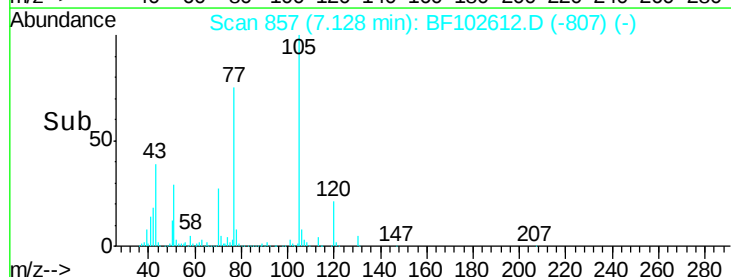


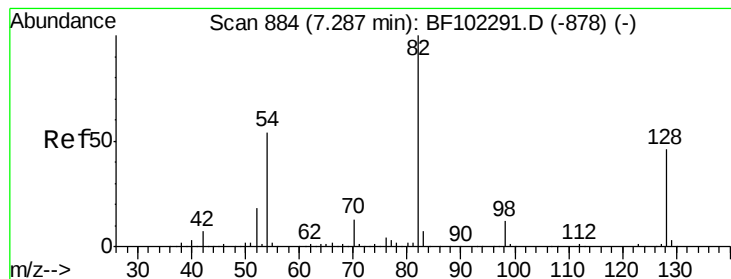
Abundance Ion 105.00 (104.70 to 105.70): E

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: 86.887 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.00 min

Lab File: BF102612.D

Acq: 29 Jan 2018 22:11

Instrument :

BNA_F

ClientSampleId :

EPE-106-5(5-10)MS

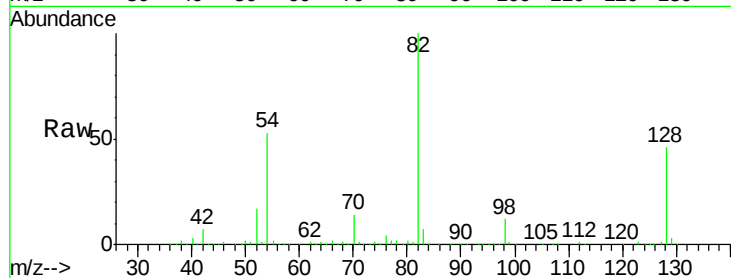
Tgt Ion: 82 Resp: 883243

Ion Ratio Lower Upper

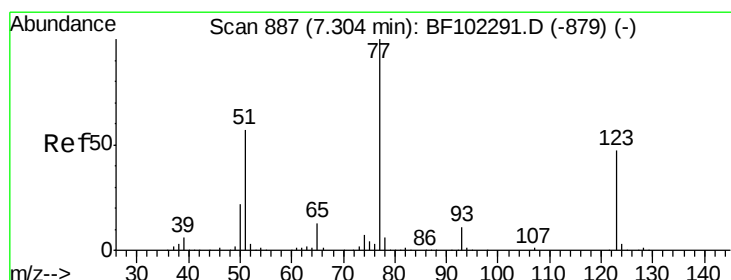
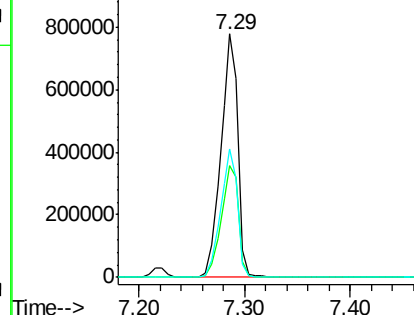
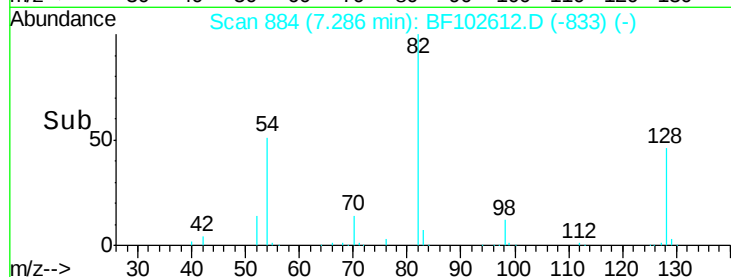
82 100

128 45.7 36.1 54.1

54 52.9 41.4 62.2



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



#24

Nitrobenzene

Concen: 37.959 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.00 min

Lab File: BF102612.D

Acq: 29 Jan 2018 22:11

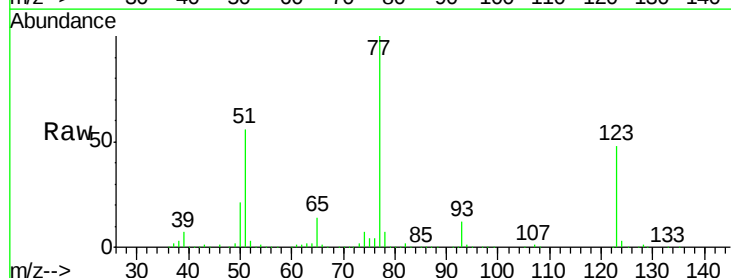
Tgt Ion: 77 Resp: 394883

Ion Ratio Lower Upper

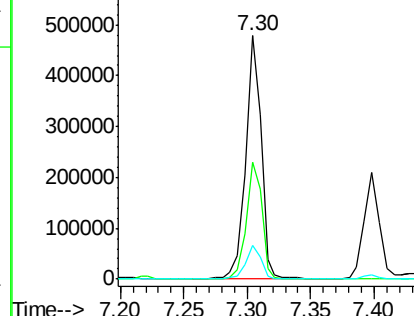
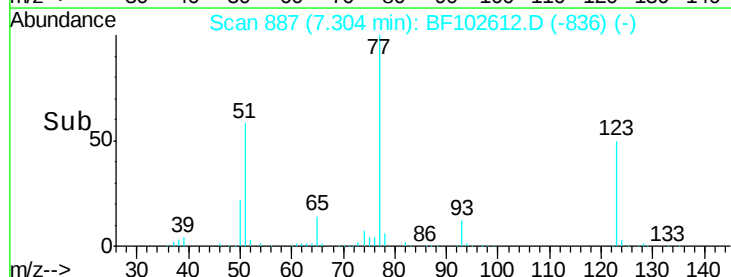
77 100

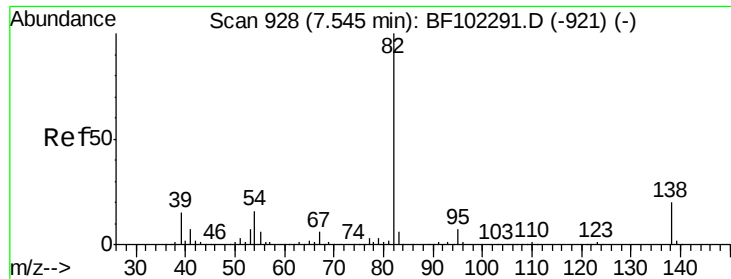
123 48.0 37.9 56.9

65 13.7 11.0 16.4



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

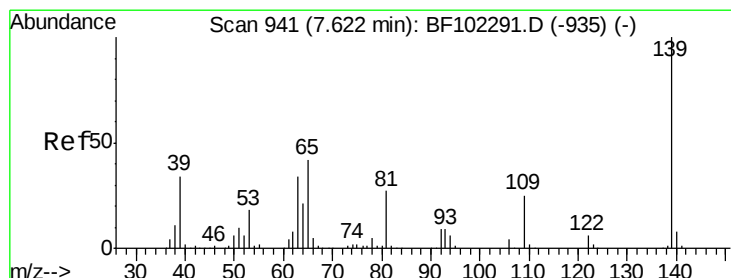
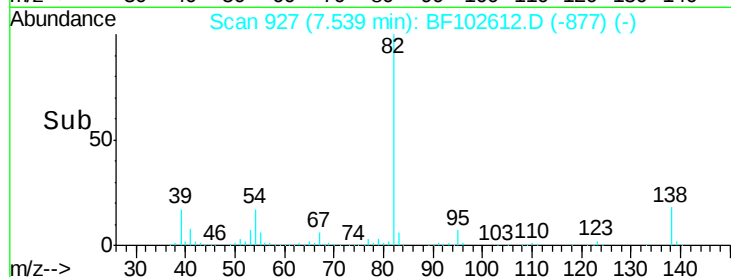
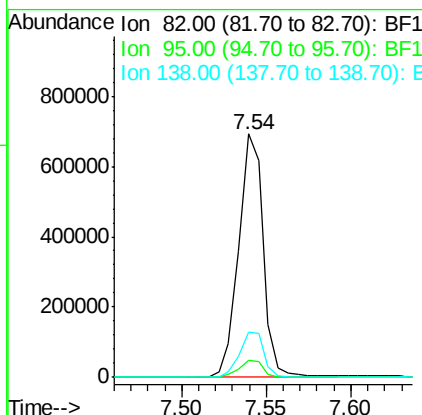
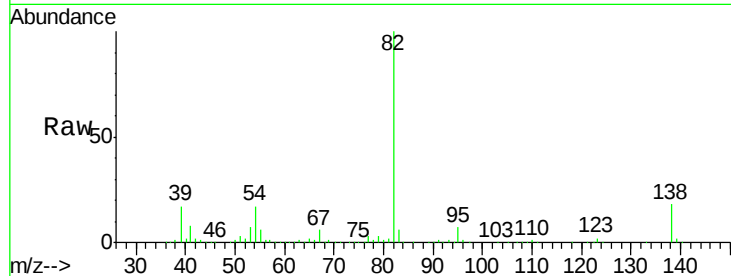




#25
Isophorone
Concen: 38.662 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

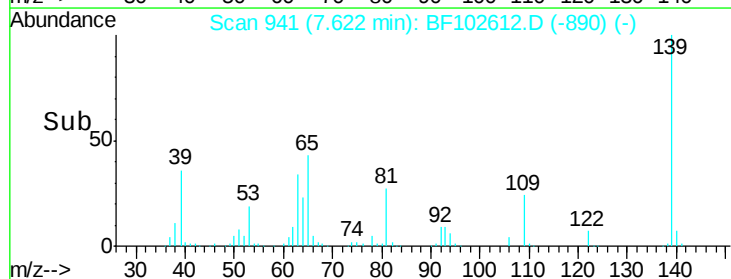
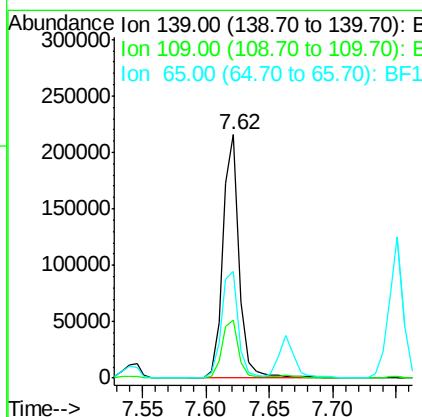
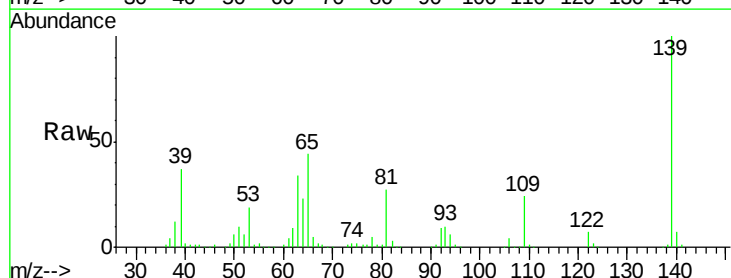
Instrument :
BNA_F
ClientSampleId :
EPE-106-5(5-10)MS

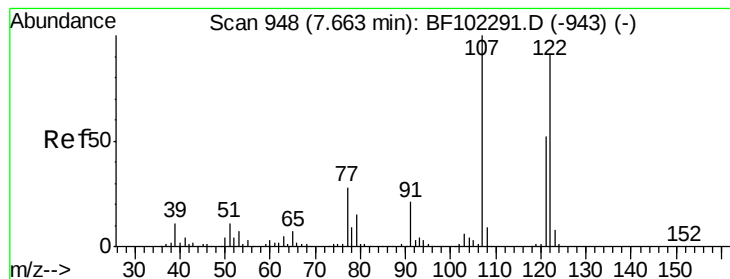
Tgt Ion: 82 Resp: 700652
Ion Ratio Lower Upper
82 100
95 6.9 5.2 7.8
138 18.5 14.9 22.3



#26
2-Nitrophenol
Concen: 35.398 ng
RT: 7.62 min Scan# 941
Delta R.T. -0.00 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

Tgt Ion: 139 Resp: 193813
Ion Ratio Lower Upper
139 100
109 23.7 22.7 34.1
65 43.6 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 41.848 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF102612.D

Acq: 29 Jan 2018 22:11

Instrument :

BNA_F

ClientSampleId :

EPE-106-5(5-10)MS

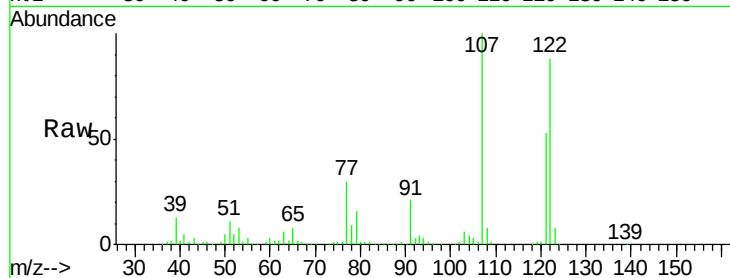
Tgt Ion:122 Resp: 332701

Ion Ratio Lower Upper

122 100

107 113.3 91.2 136.8

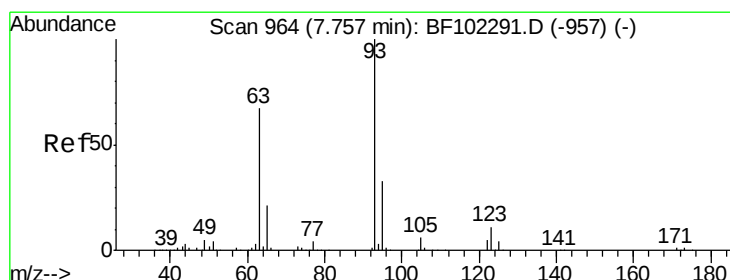
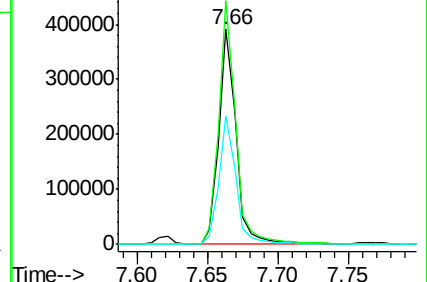
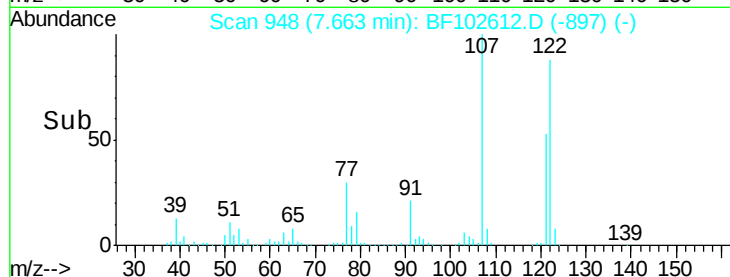
121 60.0 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.056 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.00 min

Lab File: BF102612.D

Acq: 29 Jan 2018 22:11

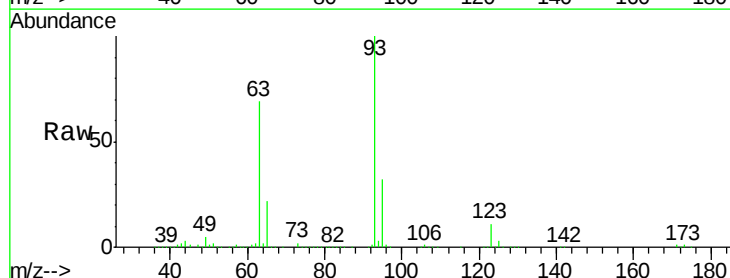
Tgt Ion: 93 Resp: 470808

Ion Ratio Lower Upper

93 100

95 32.4 26.3 39.5

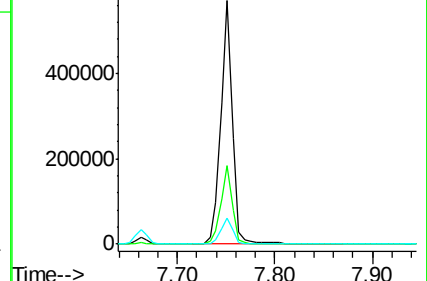
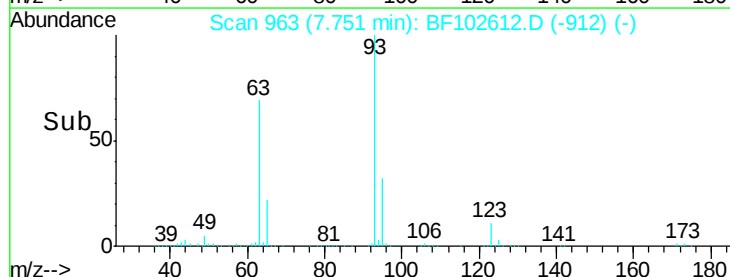
123 10.9 9.8 14.6

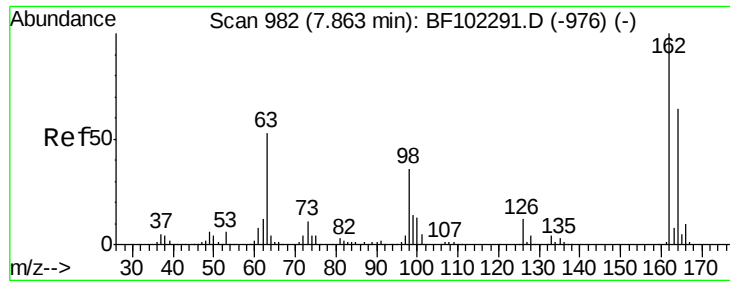


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

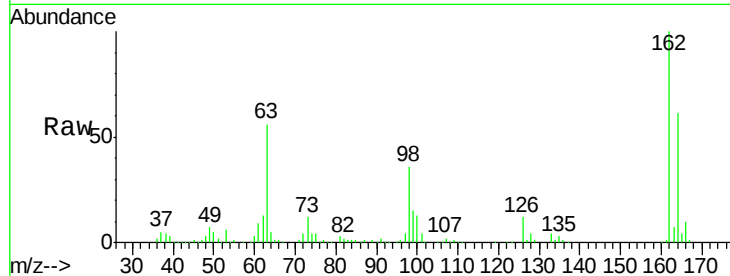




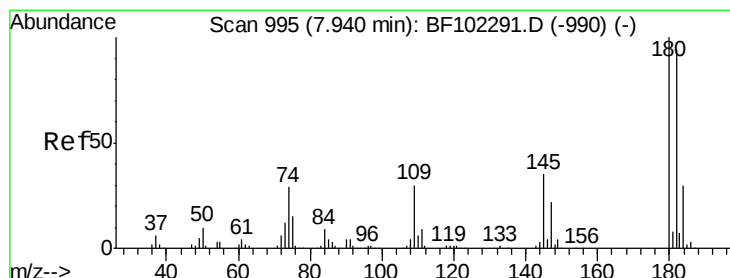
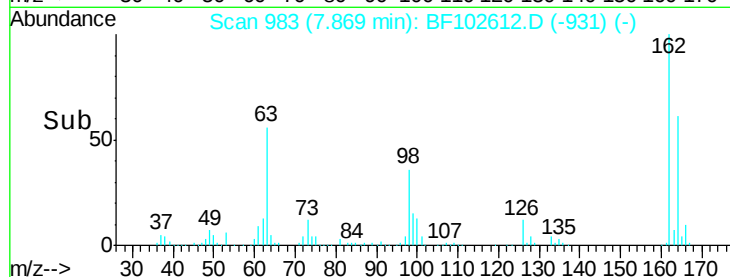
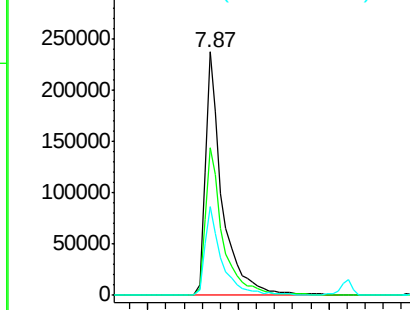
#29
 2,4-Dichlorophenol
 Concen: 38.257 ng
 RT: 7.87 min Scan# 983
 Delta R.T. 0.01 min
 Lab File: BF102612.D
 Acq: 29 Jan 2018 22:11

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

Tgt Ion	Ratio	Lower	Upper
162	100		
164	60.9	42.7	82.7
98	36.3	18.1	58.1

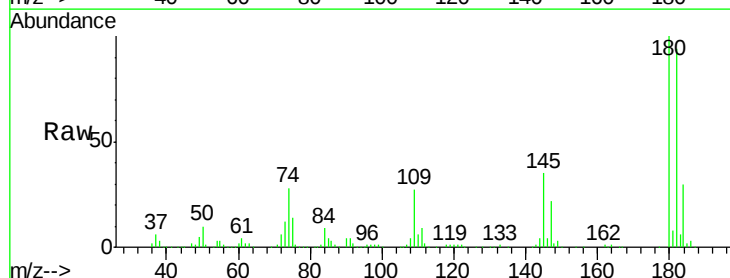


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

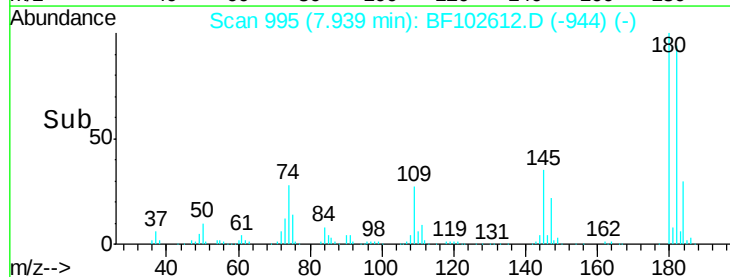
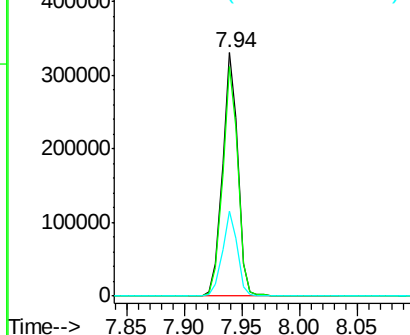


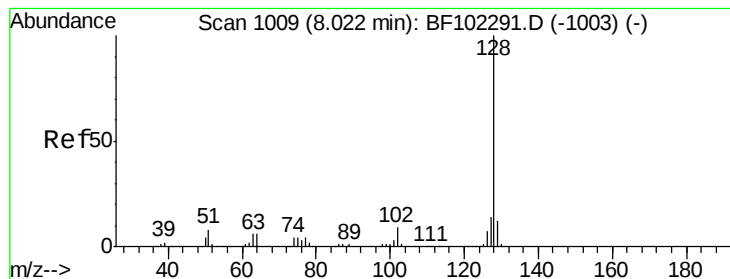
#30
 1,2,4-Trichlorobenzene
 Concen: 35.155 ng
 RT: 7.94 min Scan# 995
 Delta R.T. -0.00 min
 Lab File: BF102612.D
 Acq: 29 Jan 2018 22:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	76.8	115.2
145	35.1	26.5	39.7



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 37.590 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BF102612.D

Acq: 29 Jan 2018 22:11

Instrument :

BNA_F

ClientSampleId :

EPE-106-5(5-10)MS

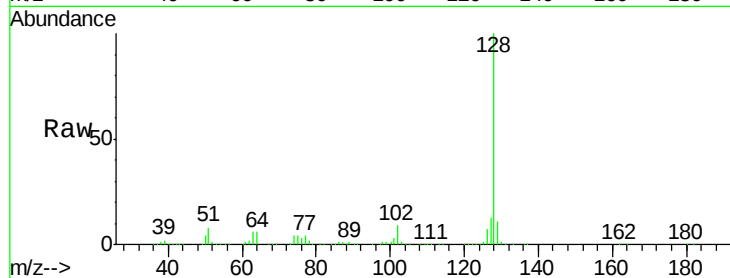
Tgt Ion:128 Resp: 1096373

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

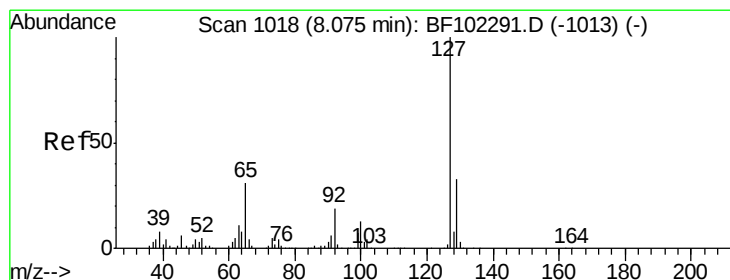
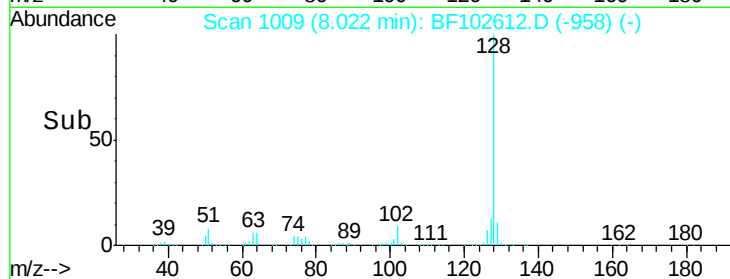
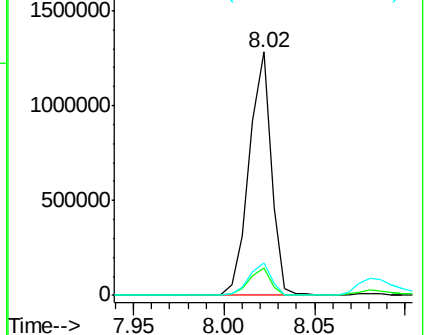
127 13.3 10.9 16.3



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: 12.237 ng

RT: 8.08 min Scan# 1019

Delta R.T. 0.01 min

Lab File: BF102612.D

Acq: 29 Jan 2018 22:11

Tgt Ion:127 Resp: 150093

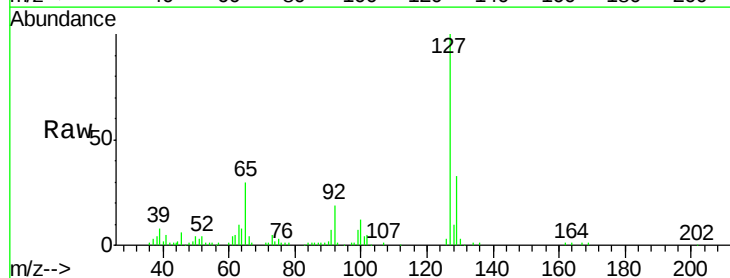
Ion Ratio Lower Upper

127 100

129 33.5 25.9 38.9

65 30.1 25.0 37.4

92 18.7 15.2 22.8

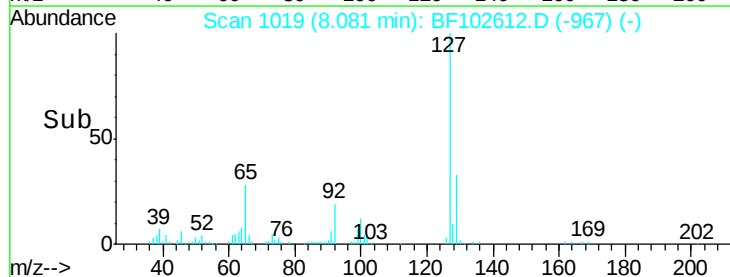
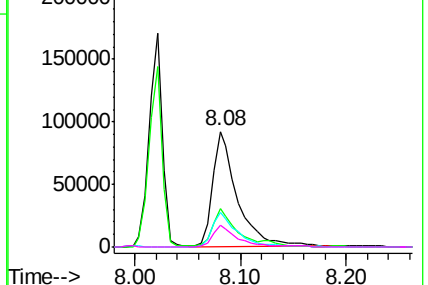


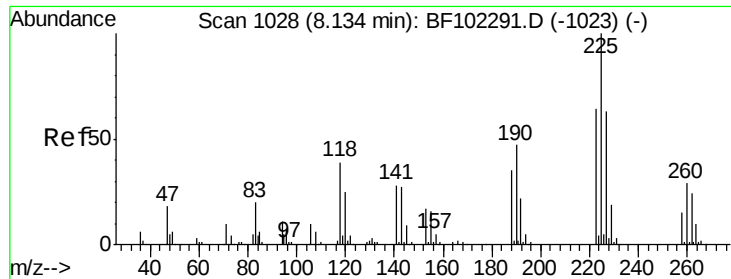
Abundance Ion 127.00 (126.70 to 127.70): E

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

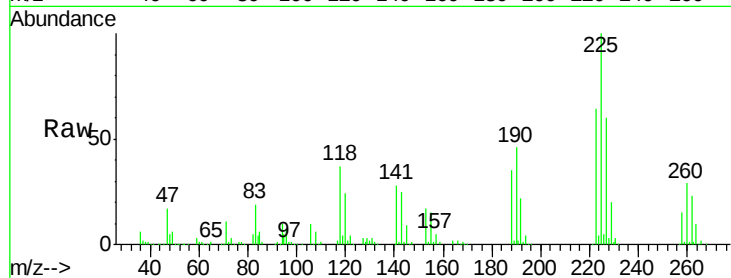




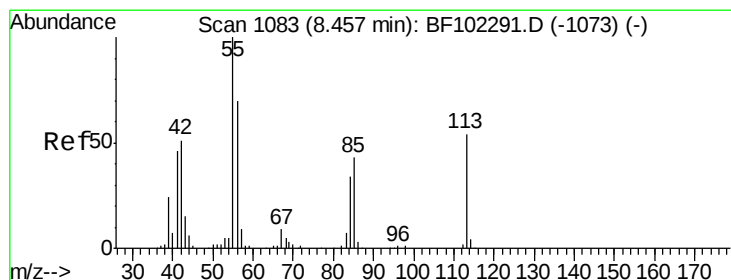
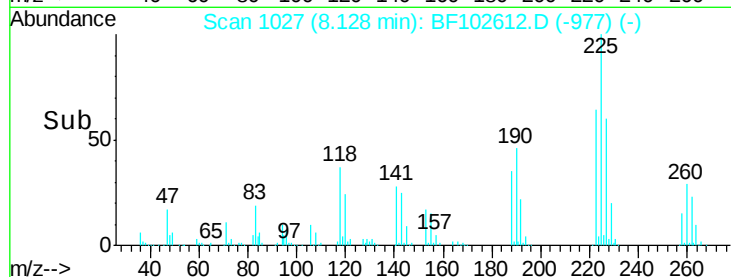
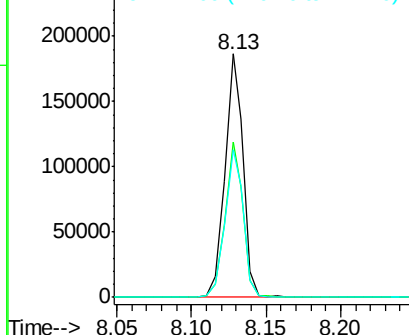
#34
Hexachlorobutadiene
Concen: 34.584 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

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

Tgt Ion:225 Resp: 160350
Ion Ratio Lower Upper
225 100
223 64.0 50.6 76.0
227 60.4 51.9 77.9

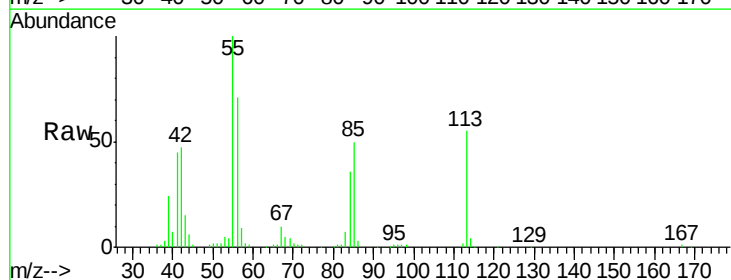


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

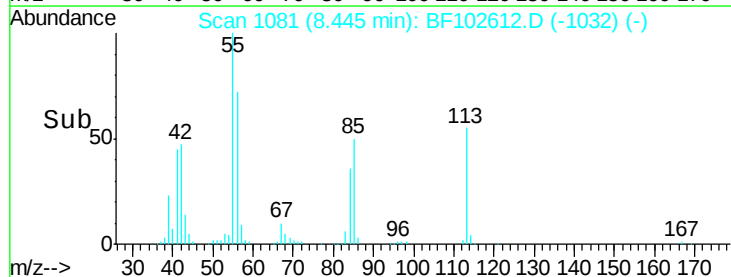
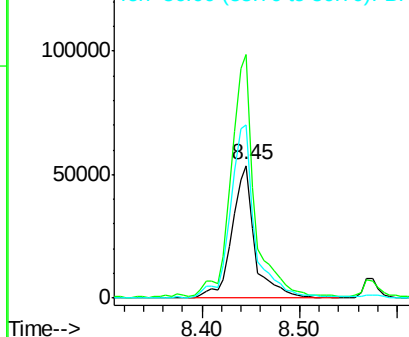


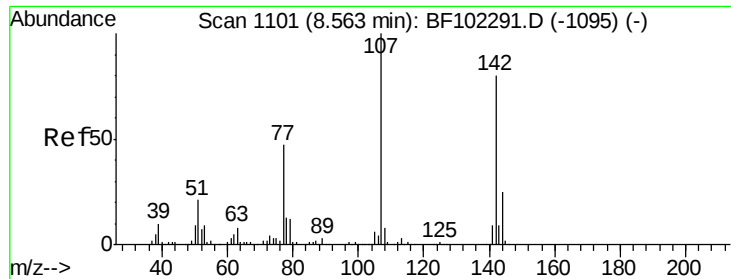
#35
Caprolactam
Concen: 32.452 ng
RT: 8.45 min Scan# 1081
Delta R.T. -0.01 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

Tgt Ion:113 Resp: 86794
Ion Ratio Lower Upper
113 100
55 183.3 163.3 203.3
56 130.6 115.7 155.7



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

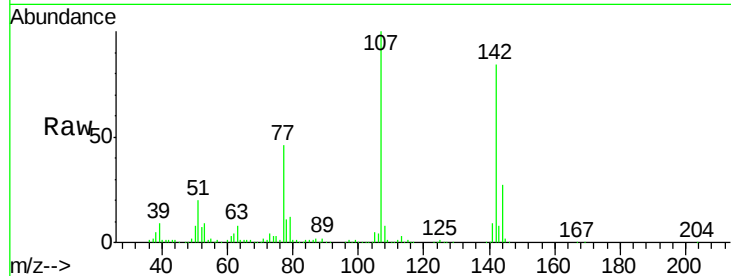




#36
 4-Chloro-3-methylphenol
 Concen: 34.762 ng
 RT: 8.57 min Scan# 1103
 Delta R.T. 0.01 min
 Lab File: BF102612.D
 Acq: 29 Jan 2018 22:11

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

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.9	20.5	30.7
142	84.2	62.0	93.0

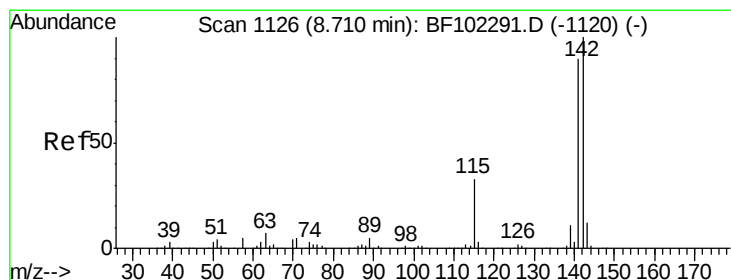
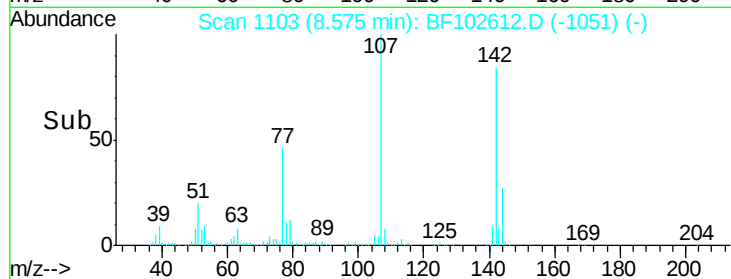
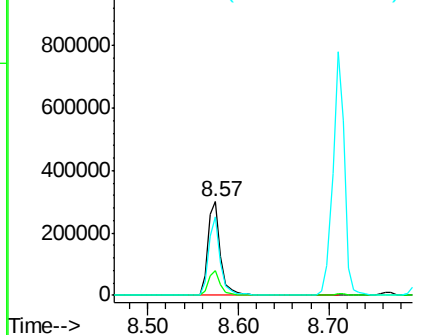


Abundance

Ion 107.00 (106.70 to 107.70): E

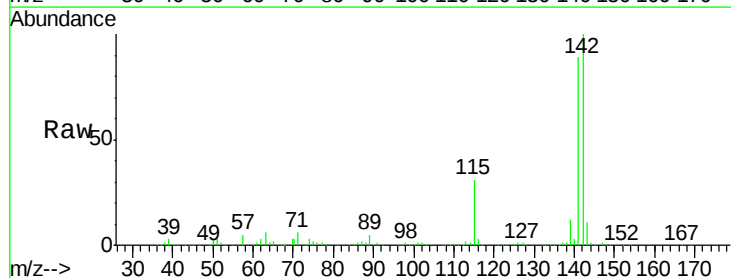
Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#37
 2-Methylnaphthalene
 Concen: 35.794 ng
 RT: 8.71 min Scan# 1126
 Delta R.T. -0.01 min
 Lab File: BF102612.D
 Acq: 29 Jan 2018 22:11

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.8	106.2
115	31.2	26.1	39.1

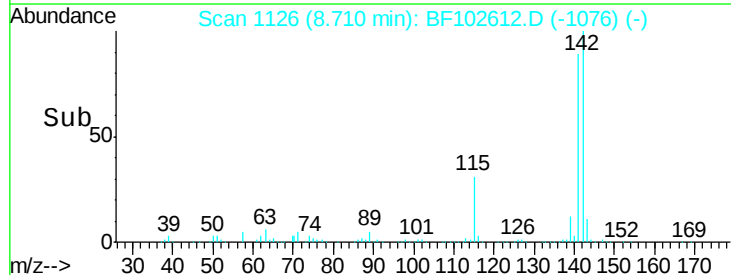
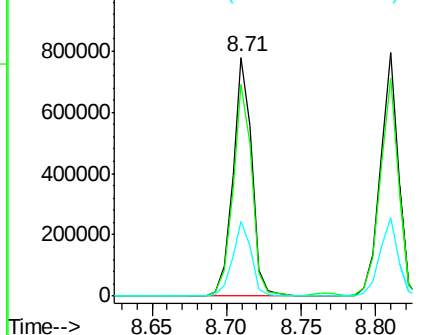


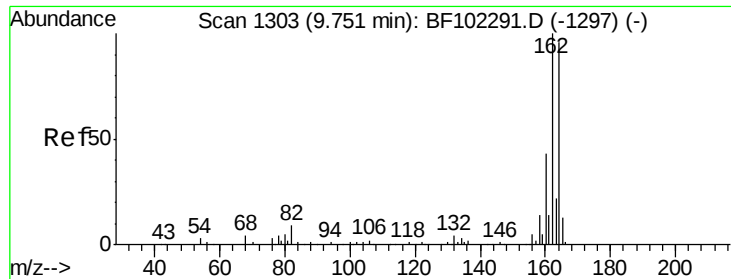
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

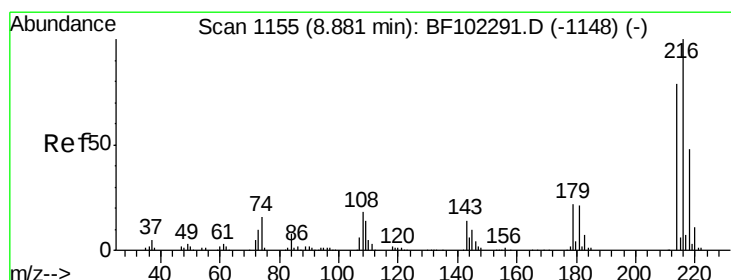
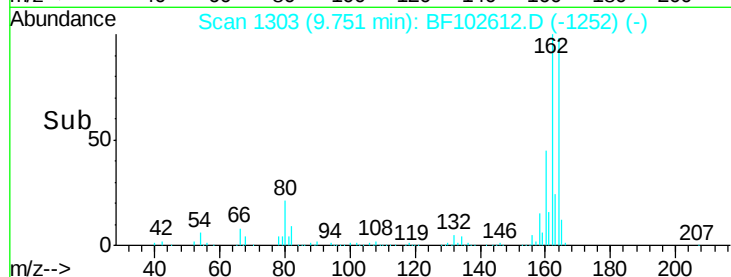
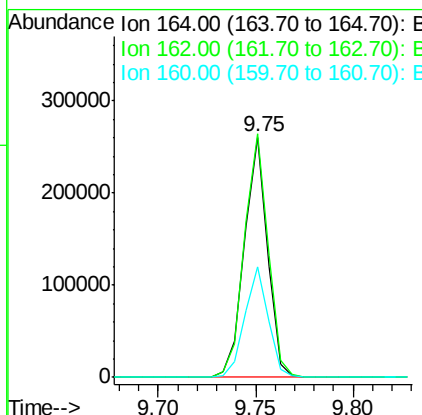
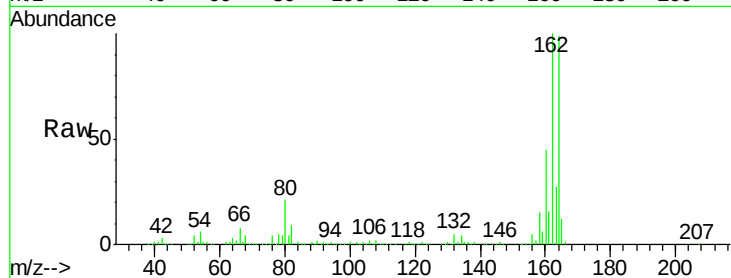




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.00 min
 Lab File: BF102612.D
 Acq: 29 Jan 2018 22:11

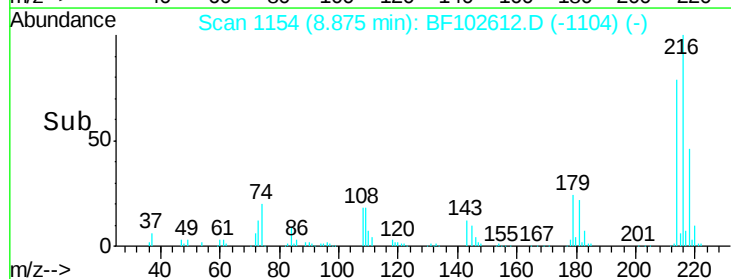
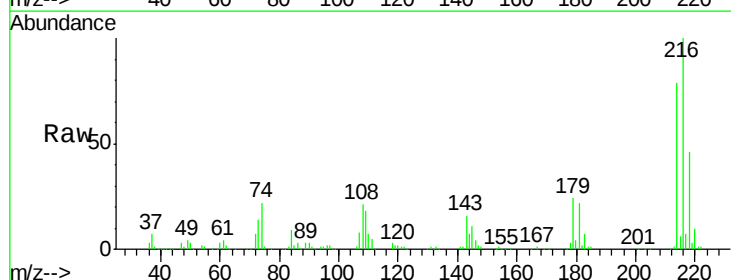
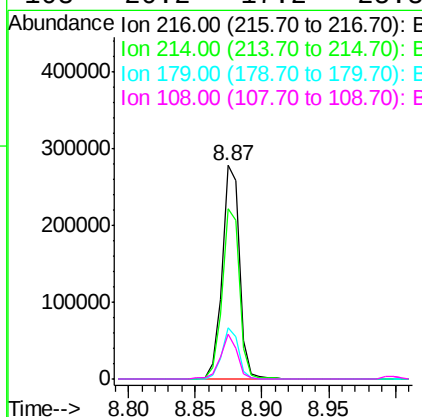
Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-5(5-10)MS

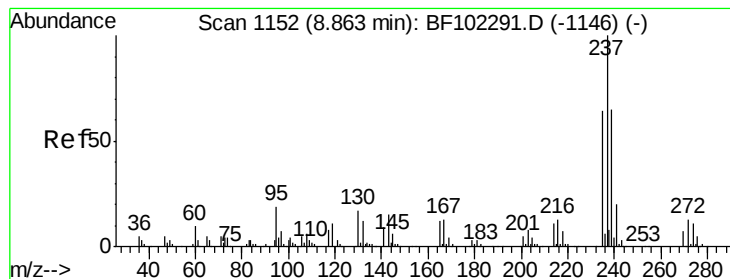
Tgt Ion:164 Resp: 214720
 Ion Ratio Lower Upper
 164 100
 162 101.5 86.1 129.1
 160 45.9 38.3 57.5



#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.868 ng
 RT: 8.87 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BF102612.D
 Acq: 29 Jan 2018 22:11

Tgt Ion:216 Resp: 257551
 Ion Ratio Lower Upper
 216 100
 214 79.7 63.0 94.4
 179 23.1 18.1 27.1
 108 20.2 17.2 25.8





#40

Hexachlorocyclopentadiene

Concen: 11.961 ng

RT: 8.86 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BF102612.D

Acq: 29 Jan 2018 22:11

Instrument :

BNA_F

ClientSampleId :

EPE-106-5(5-10)MS

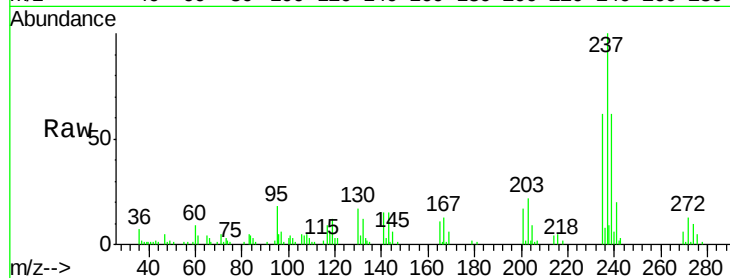
Tgt Ion: 237 Resp: 34580

Ion Ratio Lower Upper

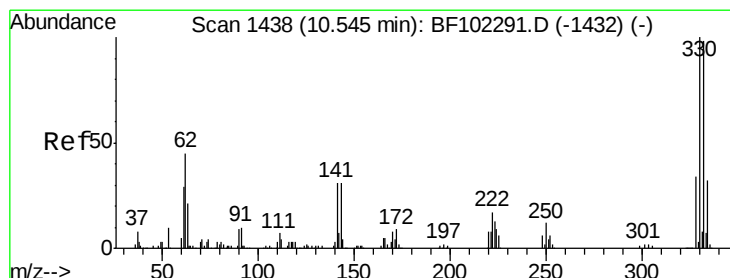
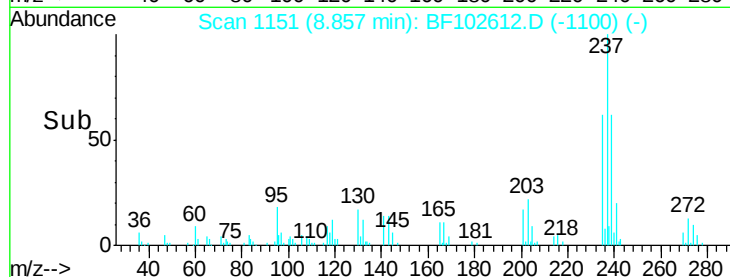
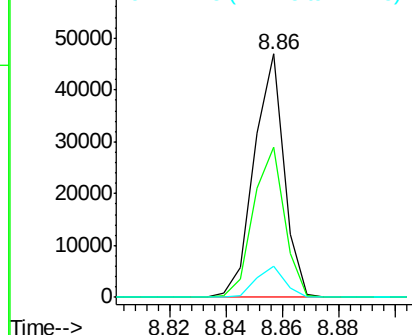
237 100

235 61.8 44.8 84.8

272 12.7 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: 88.863 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.00 min

Lab File: BF102612.D

Acq: 29 Jan 2018 22:11

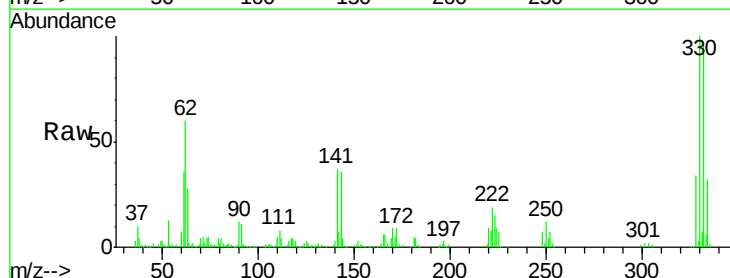
Tgt Ion: 330 Resp: 189061

Ion Ratio Lower Upper

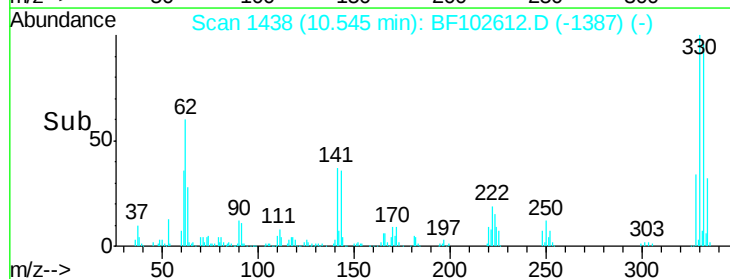
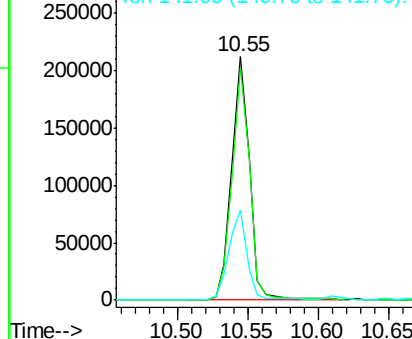
330 100

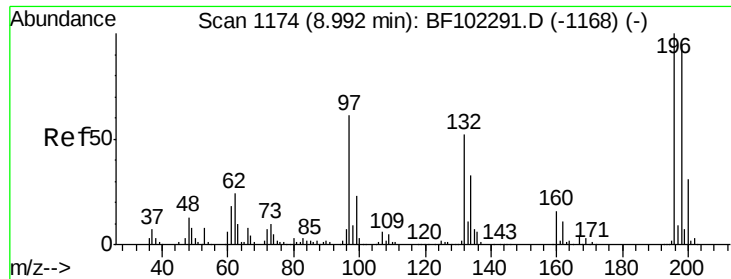
332 96.0 77.0 115.6

141 38.5 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

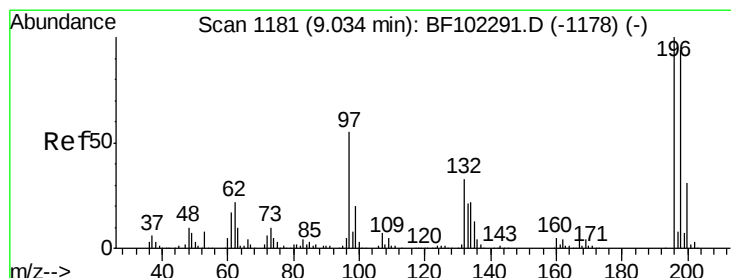
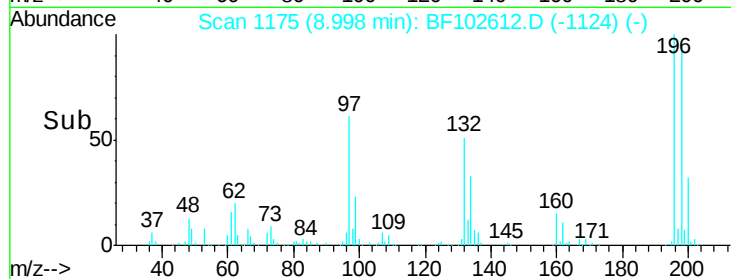
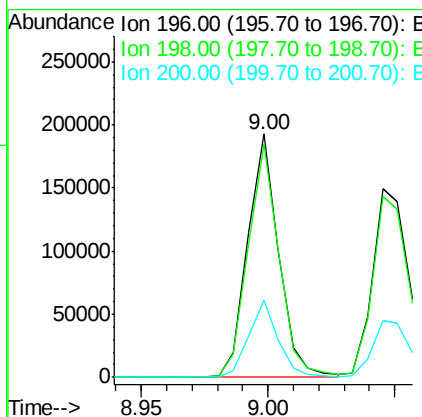
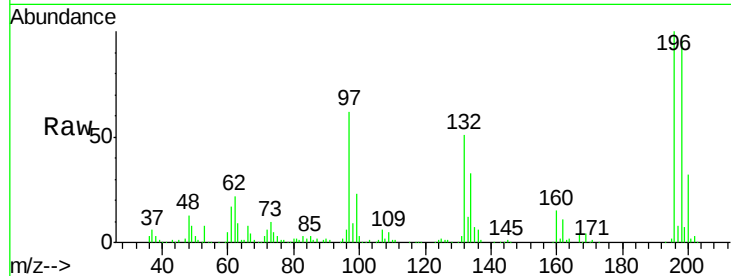




#42
 2,4,6-Trichlorophenol
 Concen: 38.054 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: BF102612.D
 Acq: 29 Jan 2018 22:11

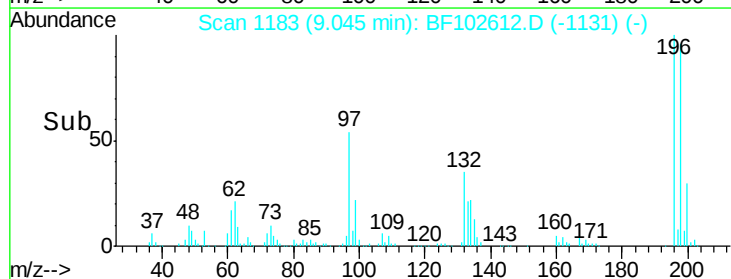
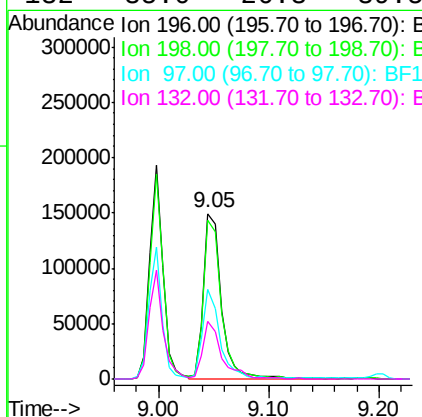
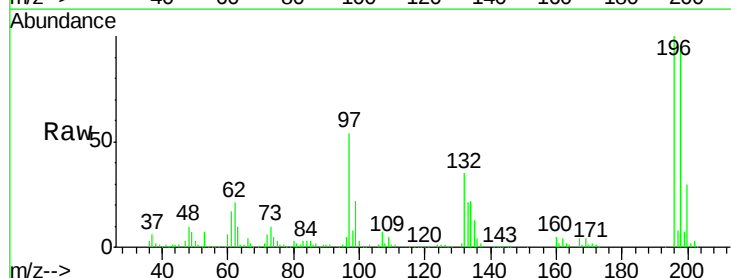
Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-5(5-10)MS

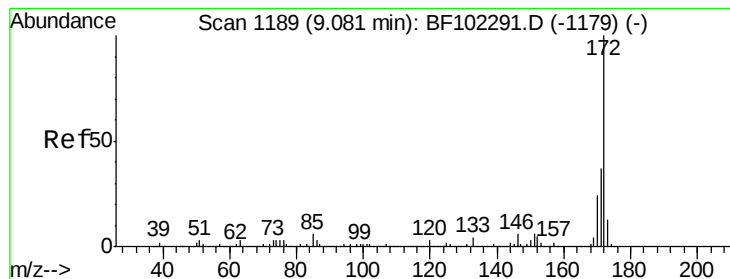
Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.0	75.7	113.5
200	31.7	24.5	36.7



#43
 2,4,5-Trichlorophenol
 Concen: 33.571 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. 0.01 min
 Lab File: BF102612.D
 Acq: 29 Jan 2018 22:11

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.0	74.6	112.0
97	54.0	42.9	64.3
132	35.0	26.3	39.5





#44

2-Fluorobiphenyl

Concen: 86.498 ng

RT: 9.07 min Scan# 1188

Delta R.T. -0.00 min

Lab File: BF102612.D

Acq: 29 Jan 2018 22:11

Instrument :

BNA_F

ClientSampleId :

EPE-106-5(5-10)MS

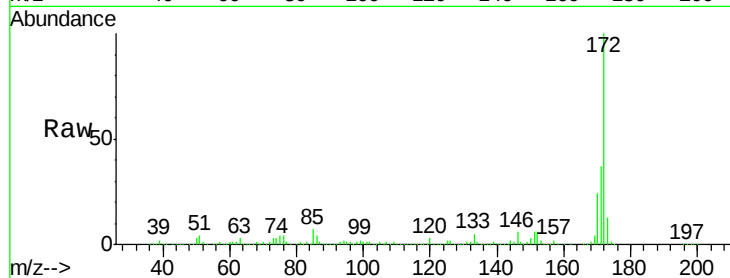
Tgt Ion:172 Resp: 1263154

Ion Ratio Lower Upper

172 100

171 36.7 29.7 44.5

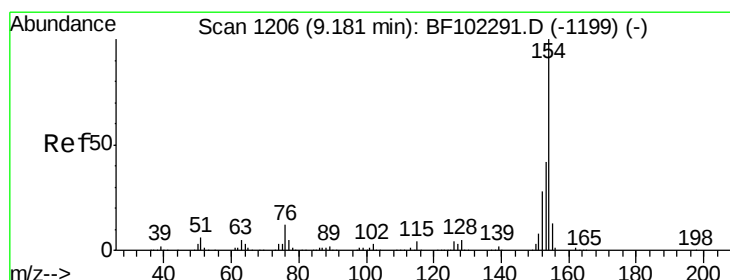
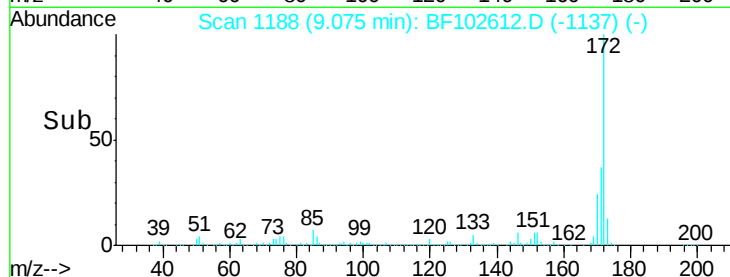
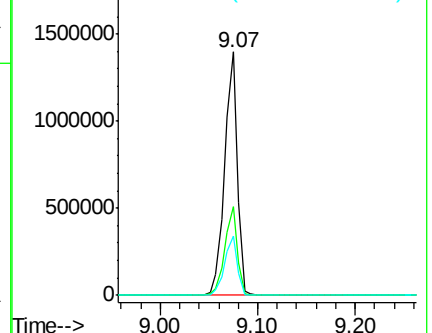
170 24.5 19.6 29.4



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: 39.392 ng

RT: 9.17 min Scan# 1205

Delta R.T. -0.01 min

Lab File: BF102612.D

Acq: 29 Jan 2018 22:11

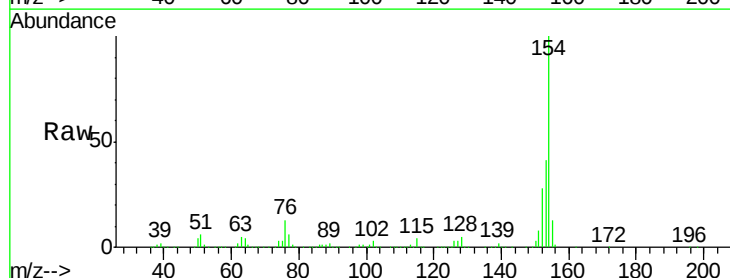
Tgt Ion:154 Resp: 756297

Ion Ratio Lower Upper

154 100

153 41.4 21.3 61.3

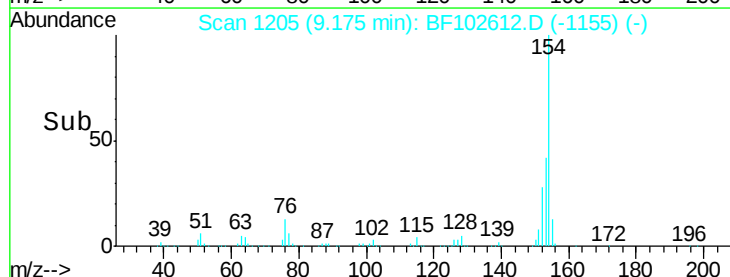
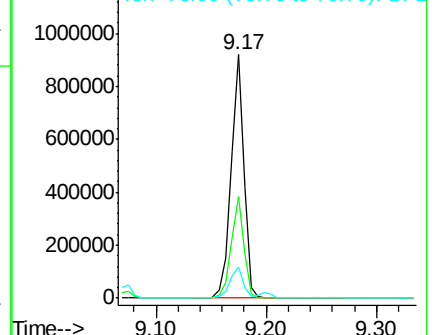
76 13.0 0.0 34.0

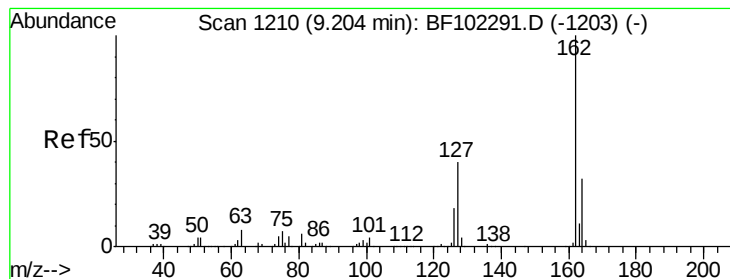


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





#46

2-Chloronaphthalene

Concen: 38.636 ng

RT: 9.20 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BF102612.D

Acq: 29 Jan 2018 22:11

Instrument :

BNA_F

ClientSampleId :

EPE-106-5(5-10)MS

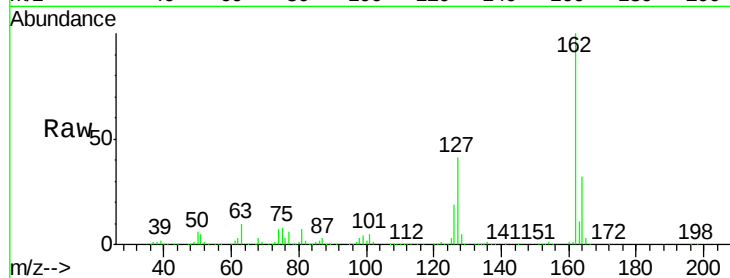
Tgt Ion: 162 Resp: 576584

Ion Ratio Lower Upper

162 100

127 41.2 33.9 50.9

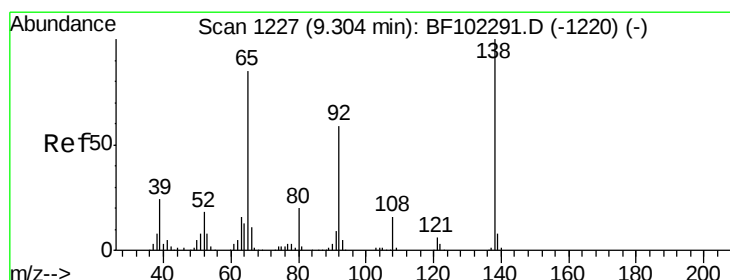
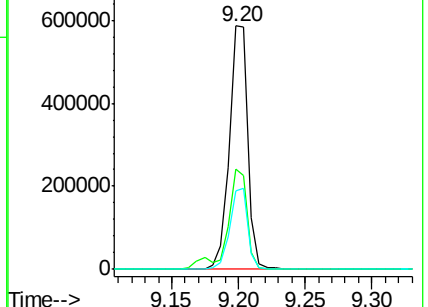
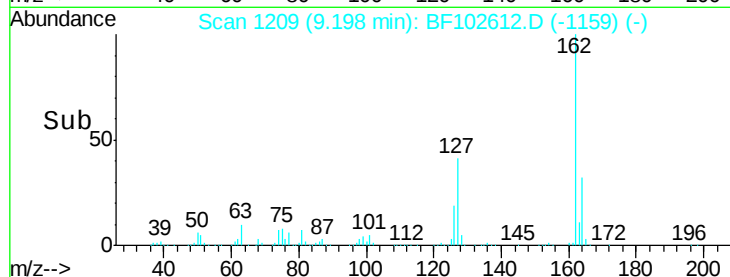
164 32.4 26.5 39.7



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: 38.472 ng

RT: 9.30 min Scan# 1227

Delta R.T. -0.00 min

Lab File: BF102612.D

Acq: 29 Jan 2018 22:11

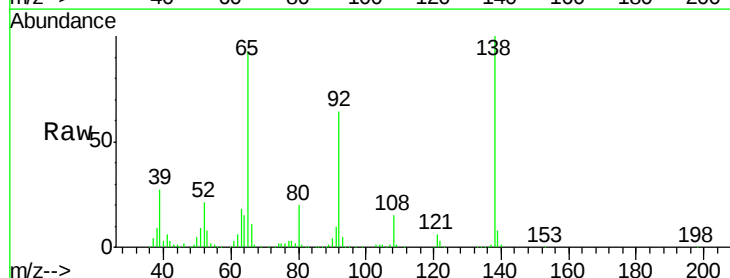
Tgt Ion: 65 Resp: 178995

Ion Ratio Lower Upper

65 100

92 68.4 55.8 83.6

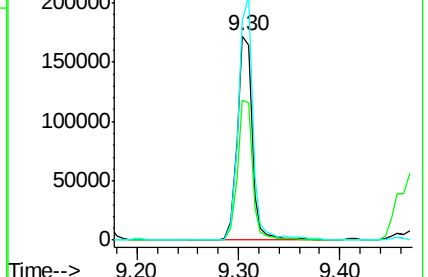
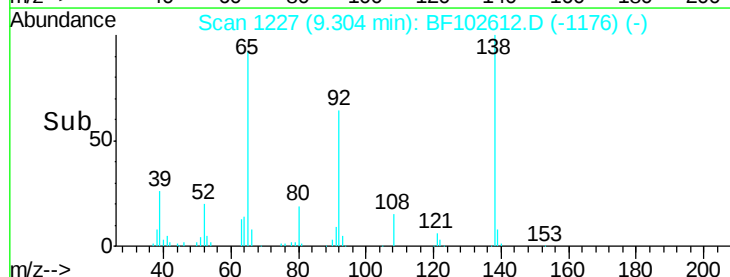
138 107.3 91.2 136.8

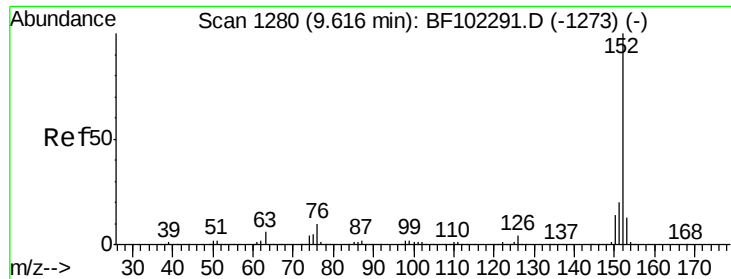


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 42.132 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.00 min

Lab File: BF102612.D

Acq: 29 Jan 2018 22:11

Instrument :

BNA_F

ClientSampleId :

EPE-106-5(5-10)MS

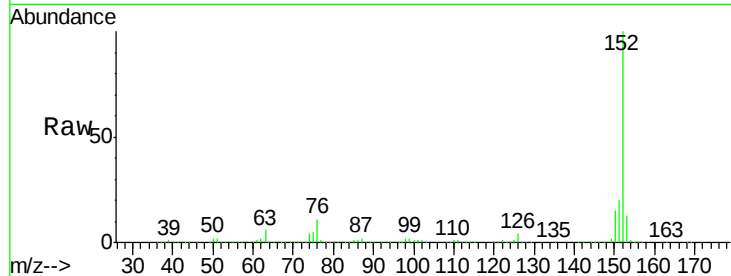
Tgt Ion:152 Resp: 979565

Ion Ratio Lower Upper

152 100

151 20.4 16.3 24.5

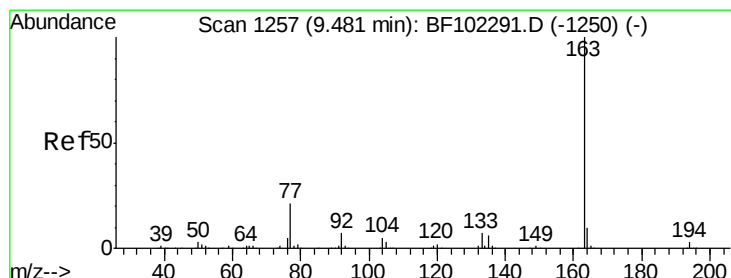
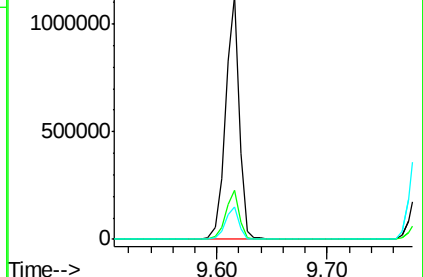
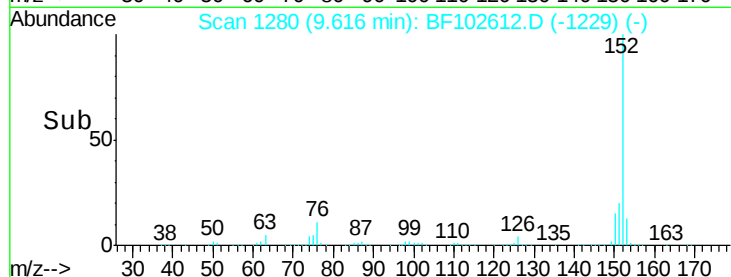
153 13.1 10.7 16.1



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: 43.835 ng

RT: 9.47 min Scan# 1256

Delta R.T. -0.01 min

Lab File: BF102612.D

Acq: 29 Jan 2018 22:11

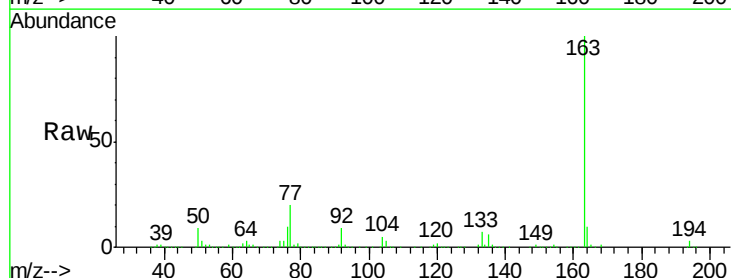
Tgt Ion:163 Resp: 777986

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

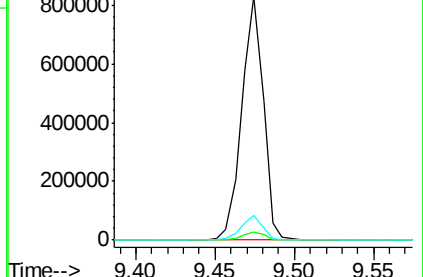
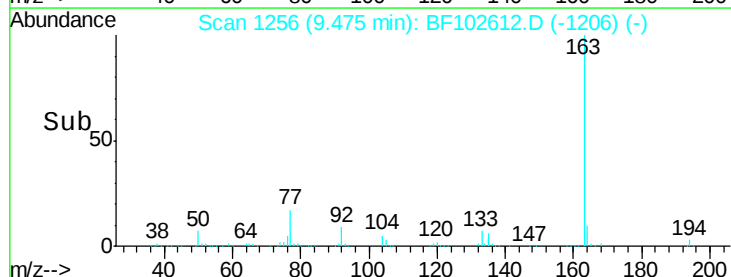
164 10.0 8.2 12.2

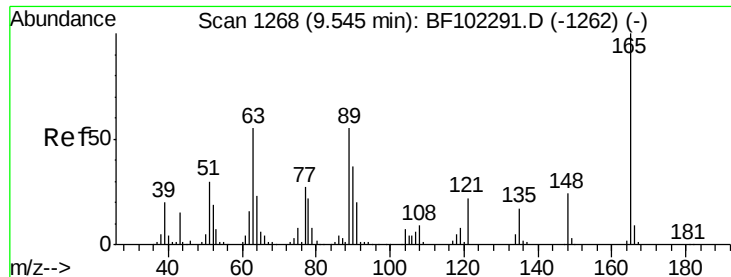


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

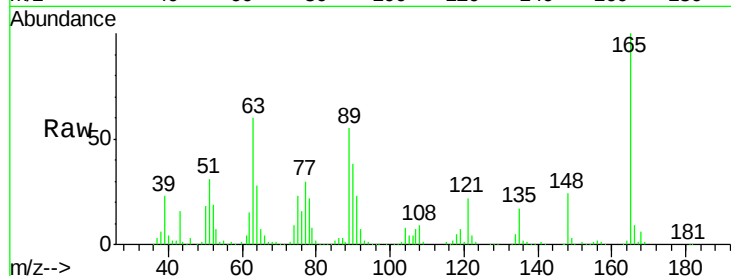




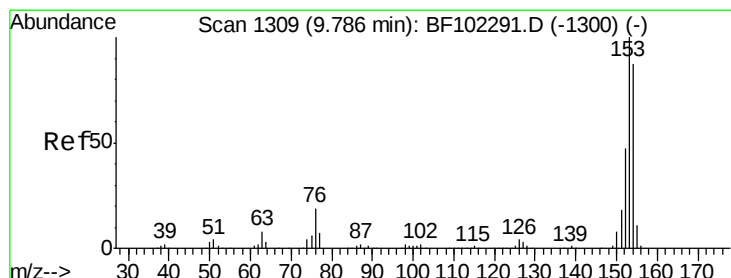
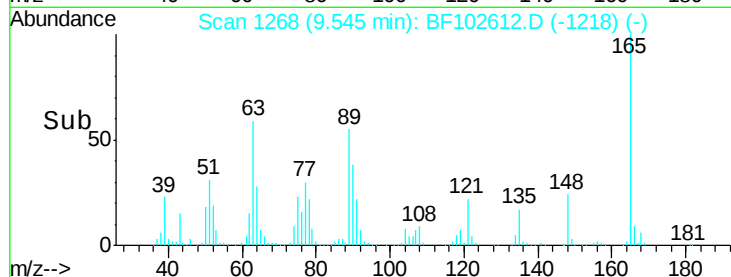
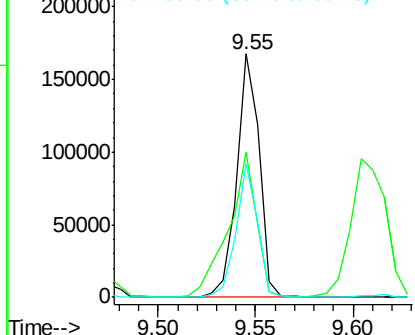
#50
 2,6-Dinitrotoluene
 Concen: 34.950 ng
 RT: 9.55 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: BF102612.D
 Acq: 29 Jan 2018 22:11

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

Tgt Ion:165 Resp: 133736
 Ion Ratio Lower Upper
 165 100
 63 59.6 44.7 67.1
 89 54.7 44.0 66.0

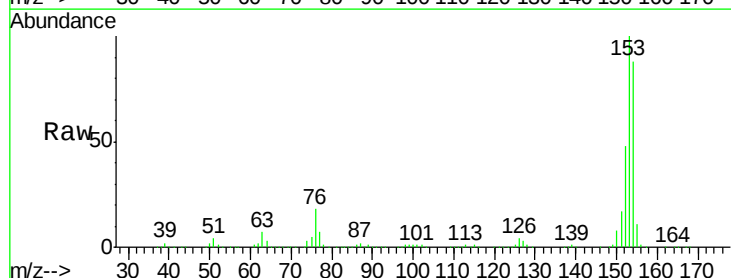


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

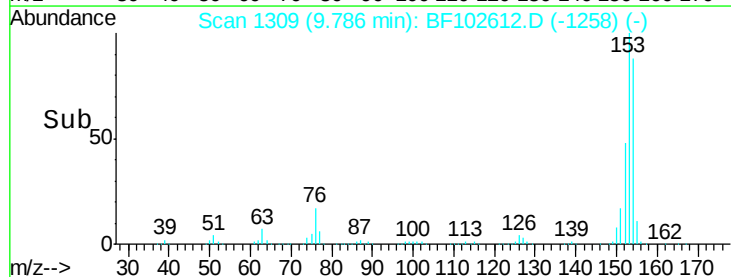
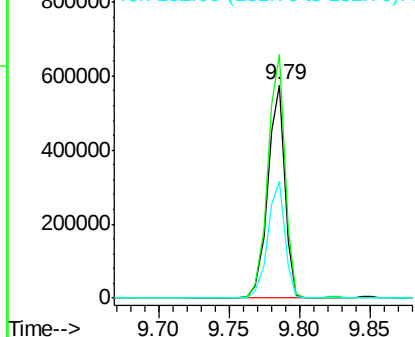


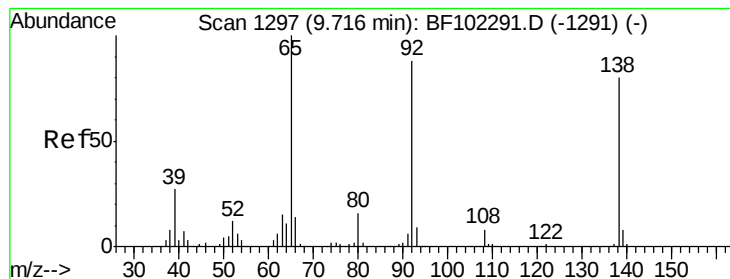
#51
 Acenaphthene
 Concen: 36.287 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. -0.00 min
 Lab File: BF102612.D
 Acq: 29 Jan 2018 22:11

Tgt Ion:154 Resp: 492720
 Ion Ratio Lower Upper
 154 100
 153 114.1 91.2 136.8
 152 54.5 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





#52

3-Nitroaniline

Concen: 24.595 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF102612.D

Acq: 29 Jan 2018 22:11

Instrument :

BNA_F

ClientSampleId :

EPE-106-5(5-10)MS

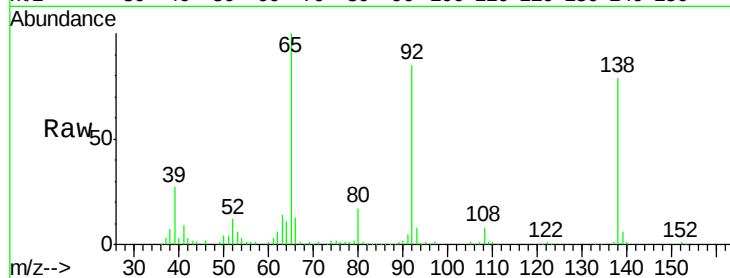
Tgt Ion:138 Resp: 111332

Ion Ratio Lower Upper

138 100

108 10.6 9.4 14.0

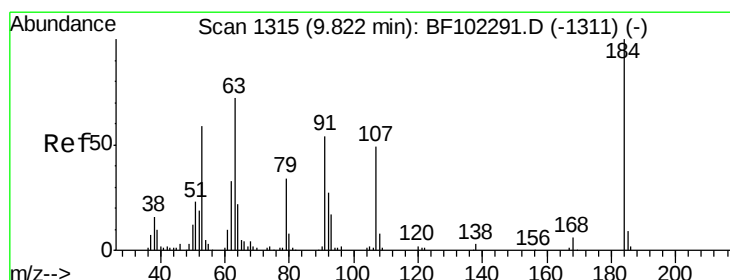
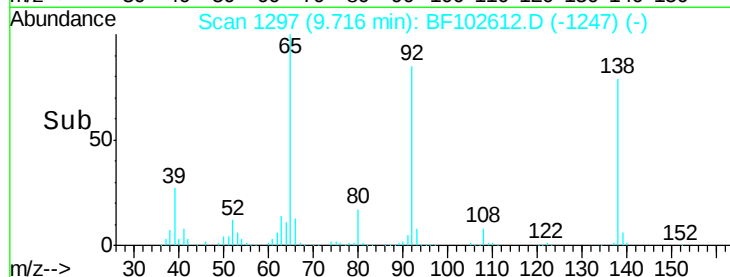
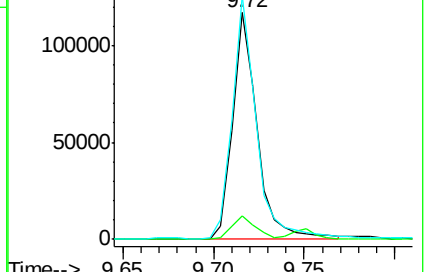
92 107.4 89.4 134.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#53

2,4-Dinitrophenol

Concen: 8.442 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.01 min

Lab File: BF102612.D

Acq: 29 Jan 2018 22:11

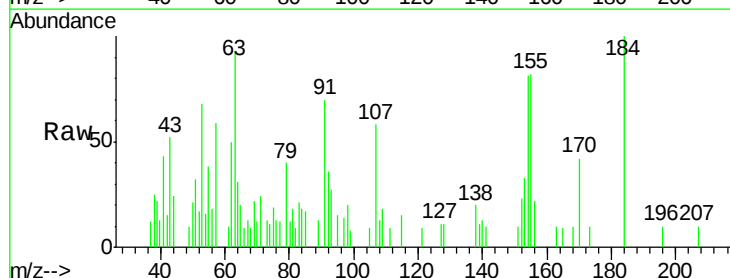
Tgt Ion:184 Resp: 8544

Ion Ratio Lower Upper

184 100

63 93.4 54.2 81.2#

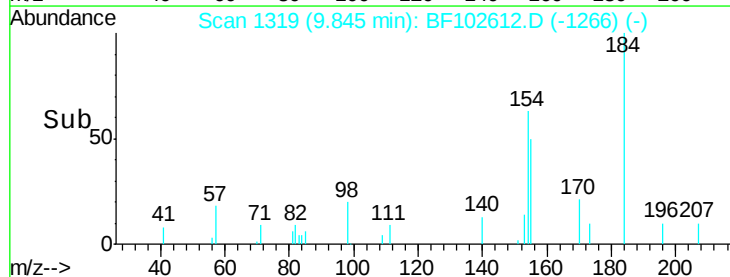
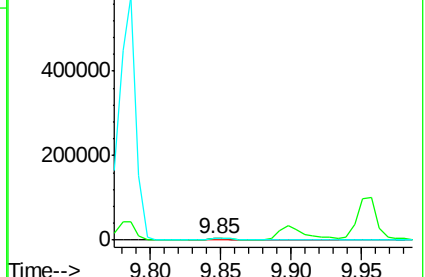
154 81.1 184.0 276.0#

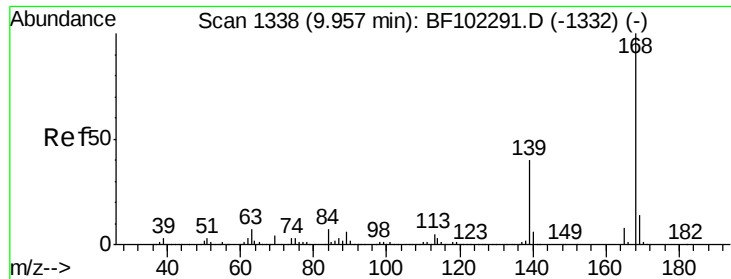


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

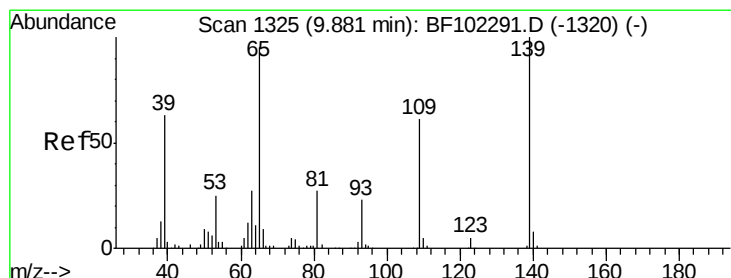
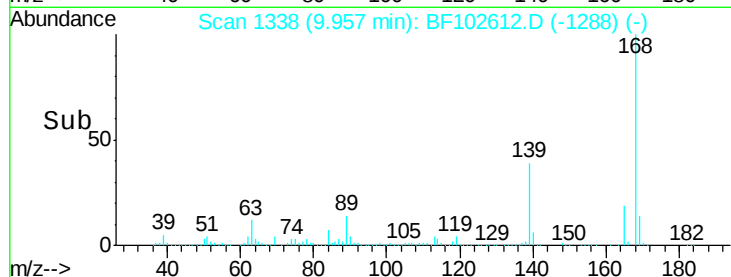
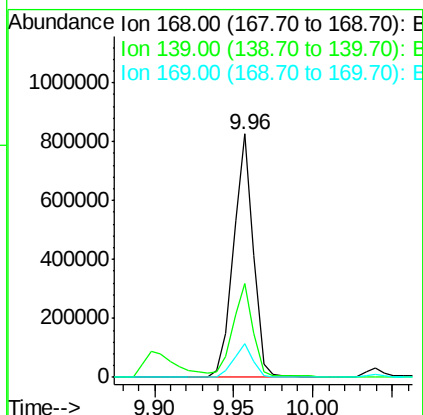
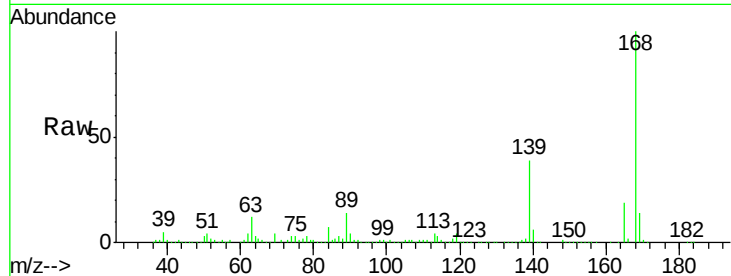




#54
Dibenzenofuran
Concen: 38.658 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

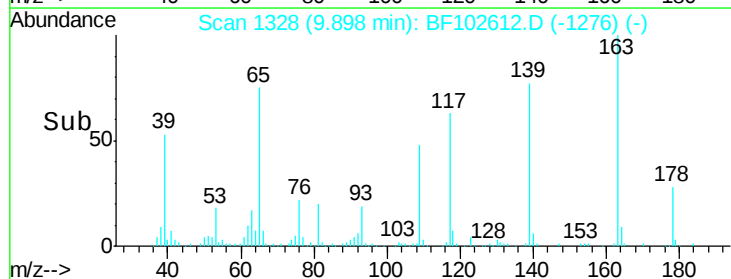
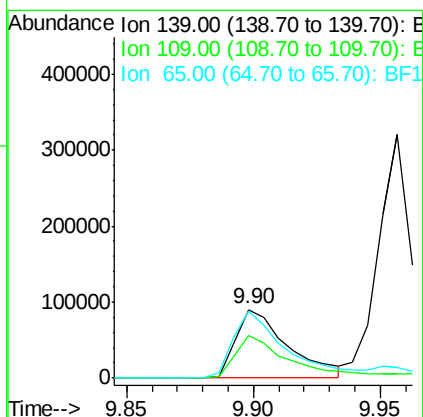
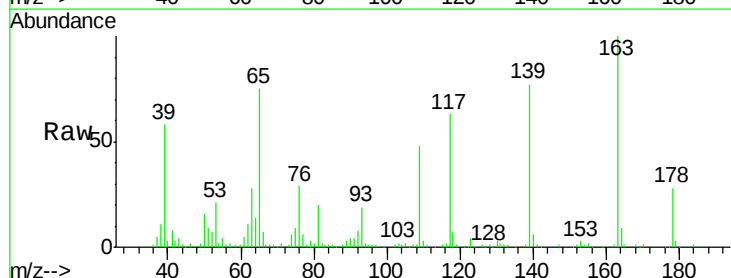
Instrument :
BNA_F
ClientSampleId :
EPE-106-5(5-10)MS

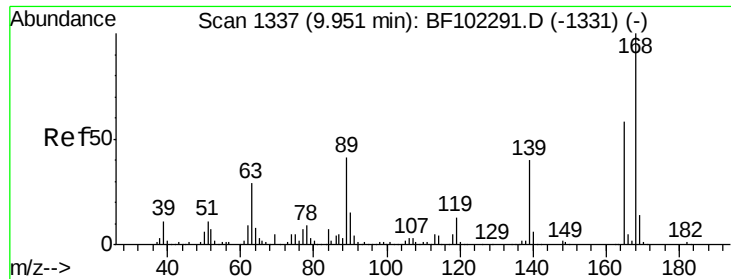
Tgt Ion:168 Resp: 710421
Ion Ratio Lower Upper
168 100
139 38.8 30.1 45.1
169 13.8 10.9 16.3



#55
4-Nitrophenol
Concen: 43.225 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

Tgt Ion:139 Resp: 129159
Ion Ratio Lower Upper
139 100
109 62.0 48.4 88.4
65 98.2 72.6 112.6

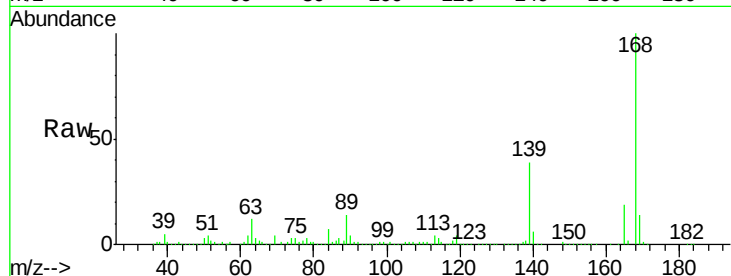




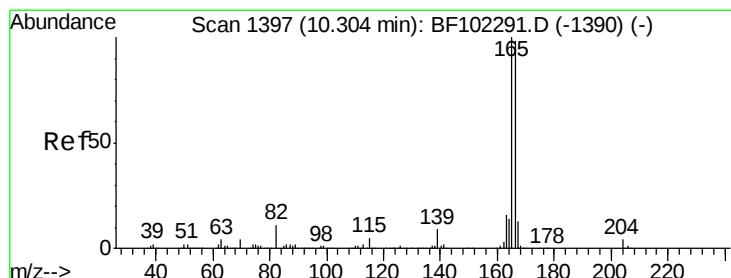
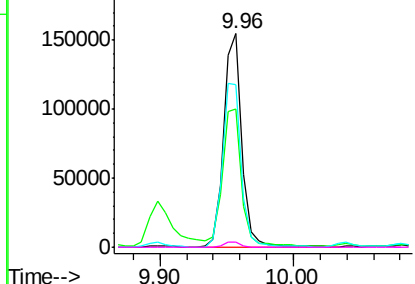
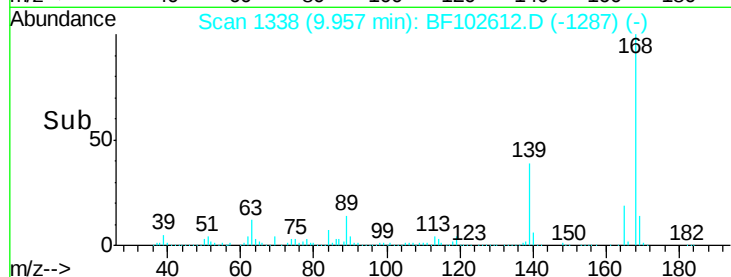
#56
2,4-Dinitrotoluene
Concen: 31.632 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

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

Tgt Ion:165 Resp: 148845
Ion Ratio Lower Upper
165 100
63 64.9 36.4 54.6#
89 76.1 57.8 86.6
182 2.3 1.6 2.4

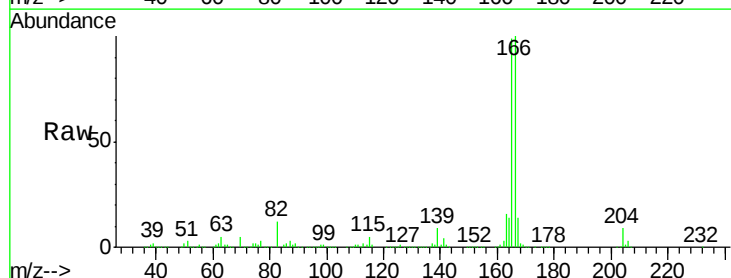


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

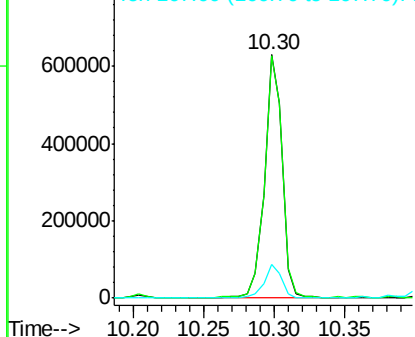
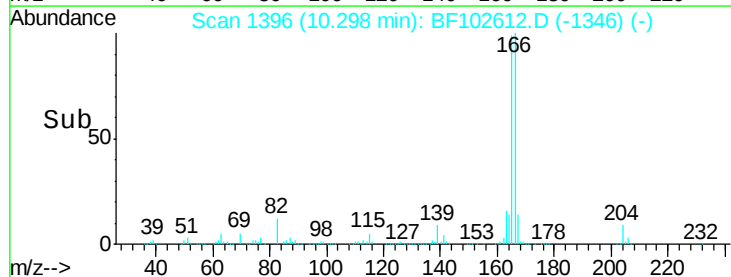


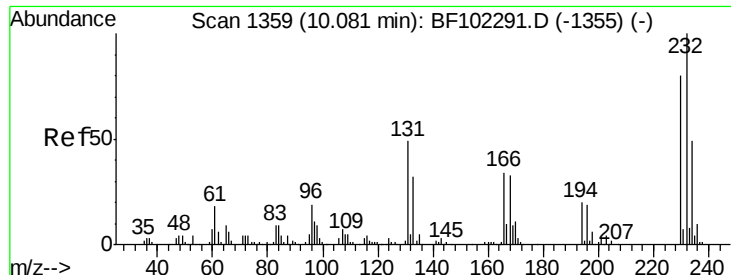
#57
Fluorene
Concen: 38.191 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

Tgt Ion:166 Resp: 556137
Ion Ratio Lower Upper
166 100
165 99.4 79.8 119.8
167 13.7 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

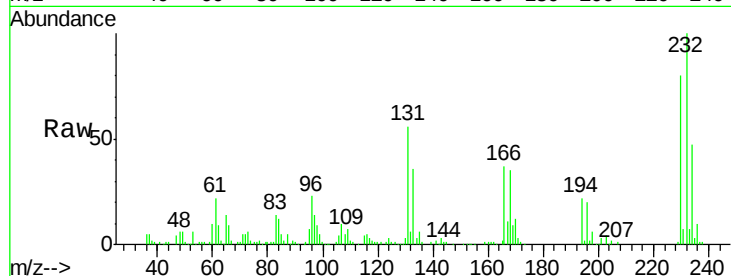




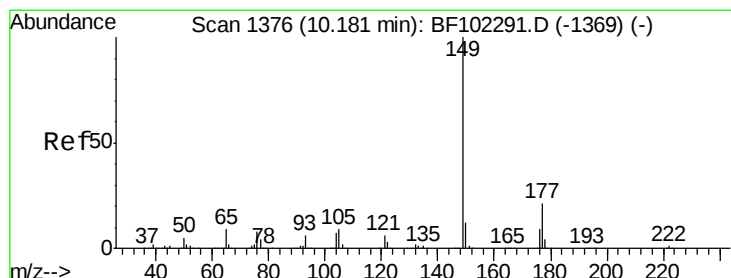
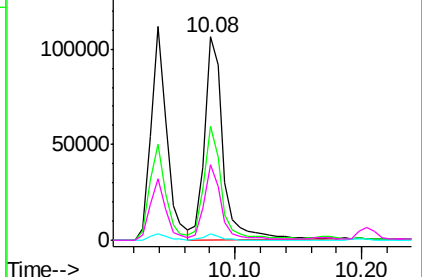
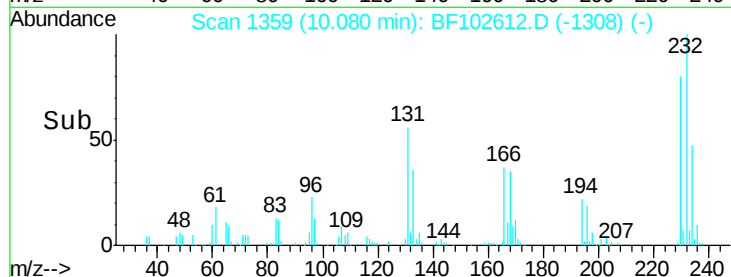
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 31.218 ng
 RT: 10.08 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: BF102612.D
 Acq: 29 Jan 2018 22:11

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

Tgt Ion:	232	Resp:	108529
Ion	Ratio	Lower	Upper
232	100		
131	50.4	43.8	65.8
130	2.6	2.1	3.1
166	33.9	27.8	41.6

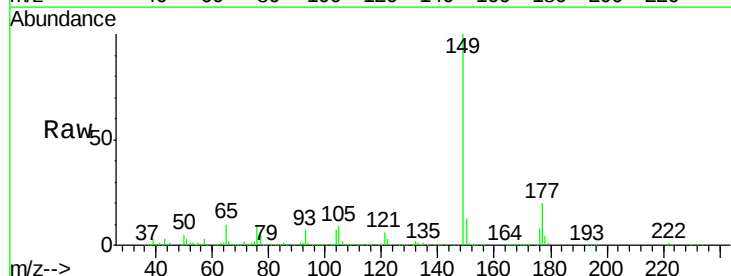


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

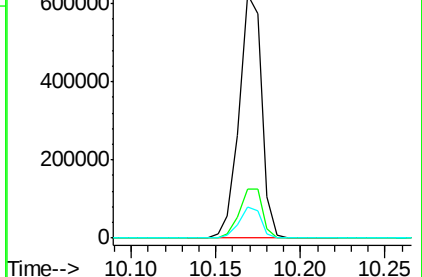
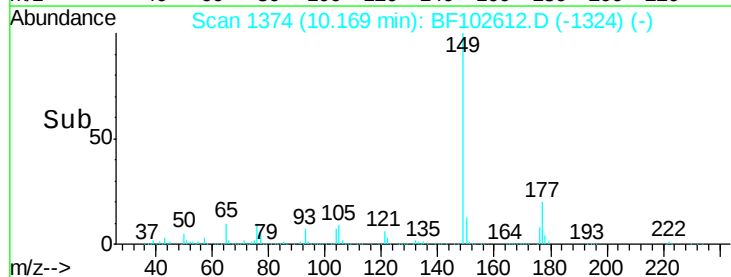


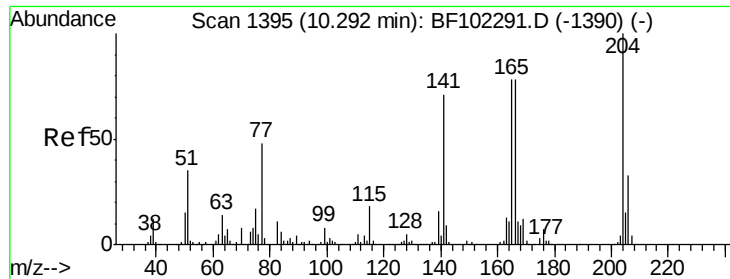
#59
 Diethylphthalate
 Concen: 33.736 ng
 RT: 10.17 min Scan# 1374
 Delta R.T. -0.01 min
 Lab File: BF102612.D
 Acq: 29 Jan 2018 22:11

Tgt Ion:	149	Resp:	581829
Ion	Ratio	Lower	Upper
149	100		
177	20.4	16.1	24.1
150	12.7	10.1	15.1



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

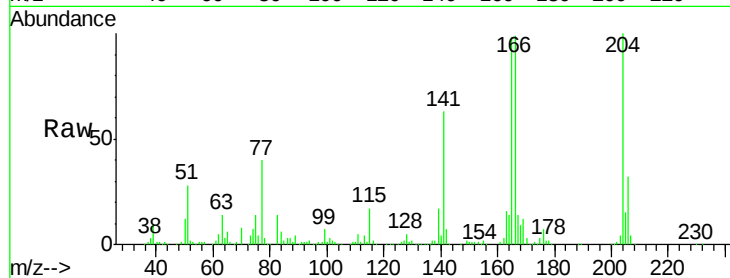




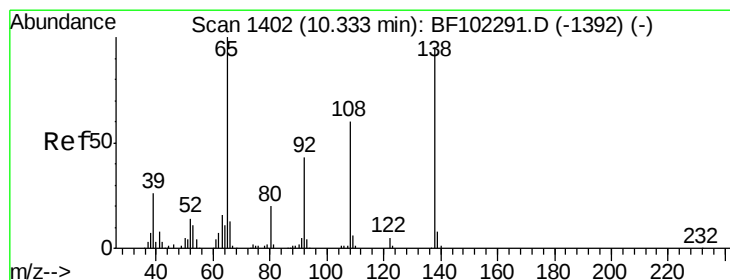
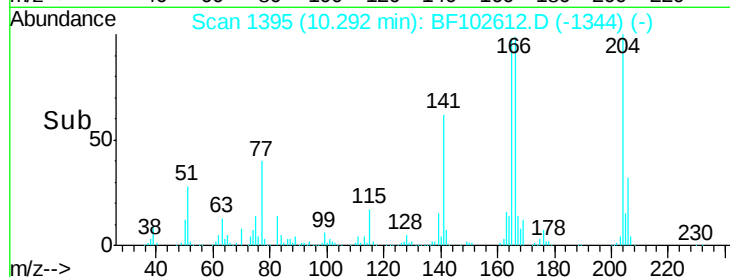
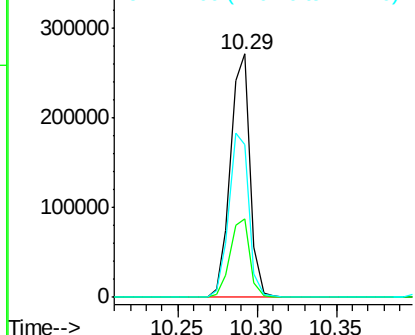
#60
4-Chlorophenyl-phenylether
Concen: 36.899 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.00 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

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

Tgt Ion:204 Resp: 232962
Ion Ratio Lower Upper
204 100
206 32.3 26.5 39.7
141 62.8 54.6 81.8

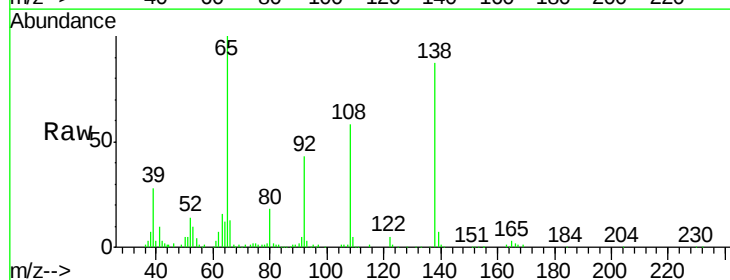


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

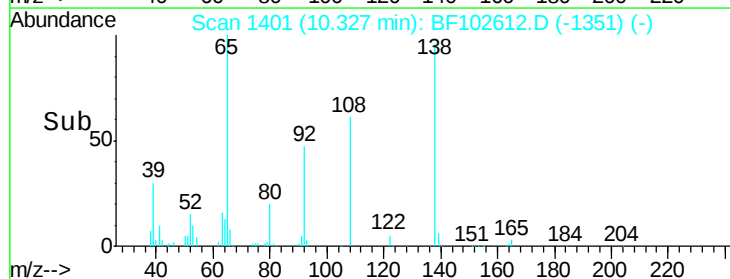
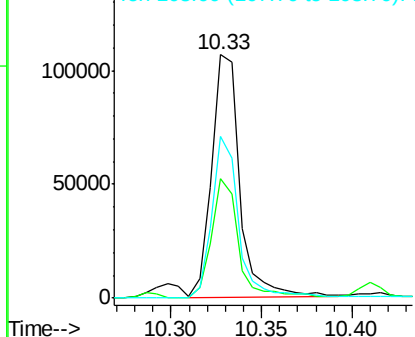


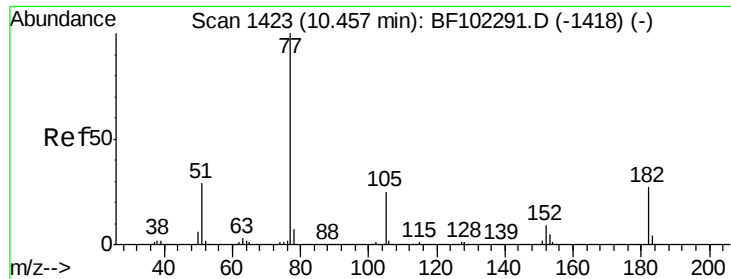
#61
4-Nitroaniline
Concen: 25.362 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

Tgt Ion:138 Resp: 114558
Ion Ratio Lower Upper
138 100
92 49.3 30.2 70.2
108 66.2 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: 33.380 ng

RT: 10.45 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BF102612.D

Acq: 29 Jan 2018 22:11

Instrument :

BNA_F

ClientSampleId :

EPE-106-5(5-10)MS

Tgt Ion: 77 Resp: 527080

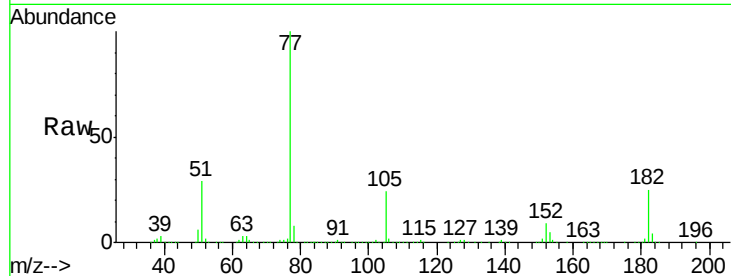
Ion Ratio Lower Upper

77 100

182 25.4 1.7 41.7

105 24.5 3.0 43.0

51 29.5 9.9 49.9

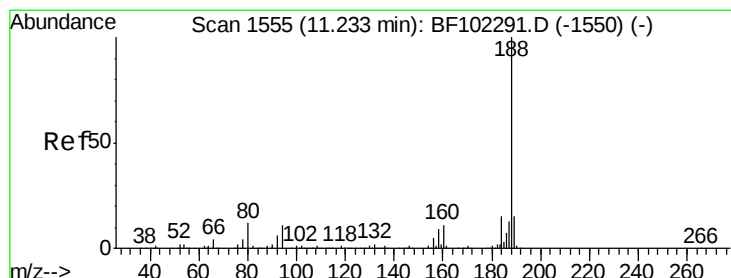
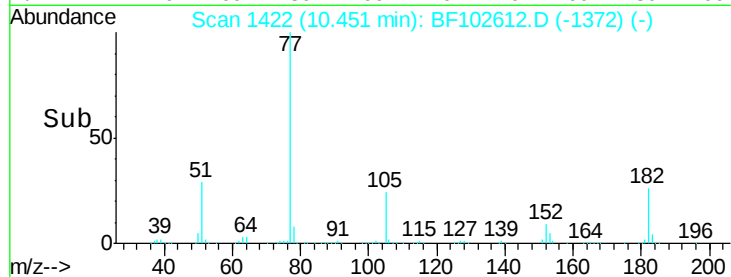
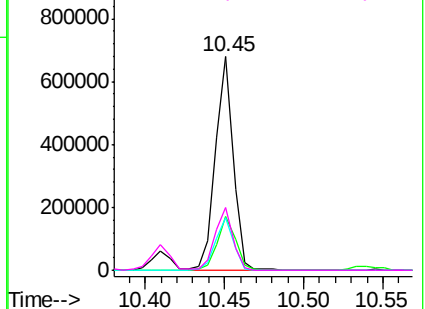


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: BF102612.D

Acq: 29 Jan 2018 22:11

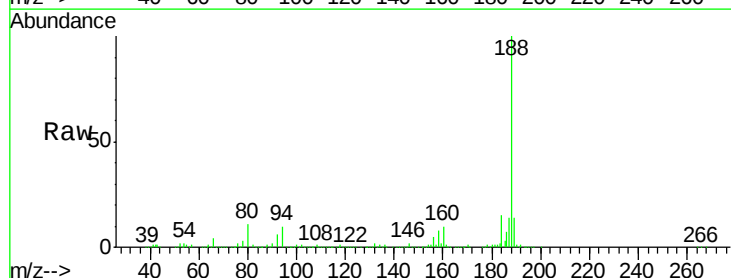
Tgt Ion: 188 Resp: 293775

Ion Ratio Lower Upper

188 100

94 10.2 8.5 12.7

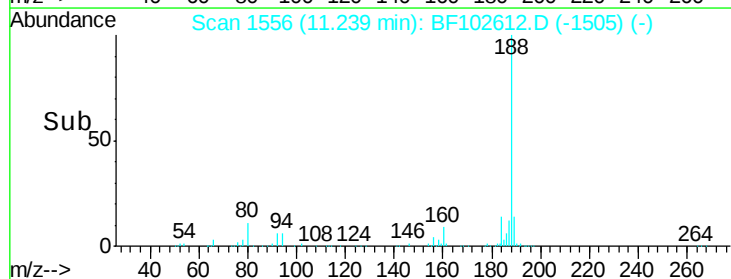
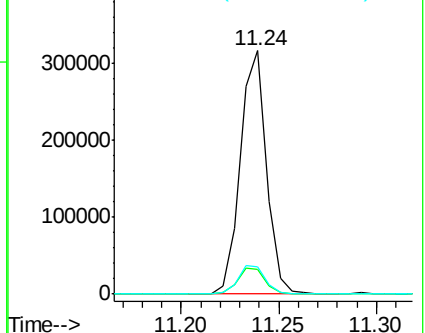
80 11.4 9.2 13.8

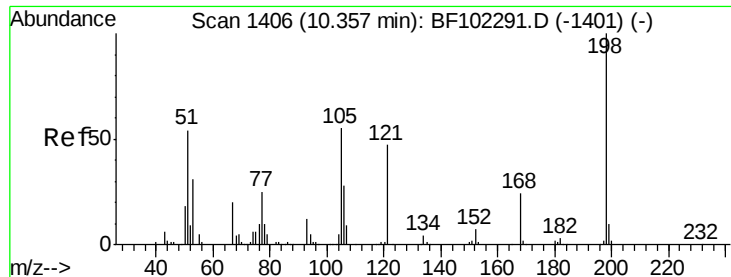


Abundance Ion 188.00 (187.70 to 188.70): BF1

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: 7.844 ng

RT: 10.37 min Scan# 1408

Delta R.T. -0.00 min

Lab File: BF102612.D

Acq: 29 Jan 2018 22:11

Instrument :

BNA_F

ClientSampleId :

EPE-106-5(5-10)MS

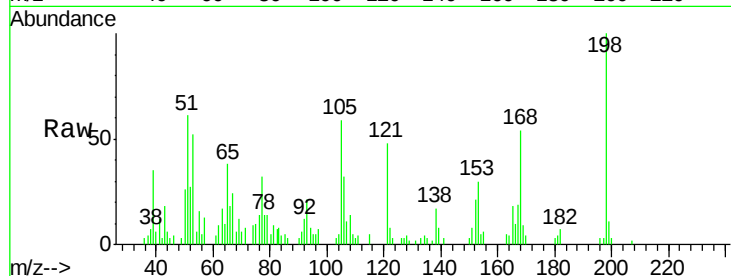
Tgt Ion:198 Resp: 15373

Ion Ratio Lower Upper

198 100

51 60.7 37.7 77.7

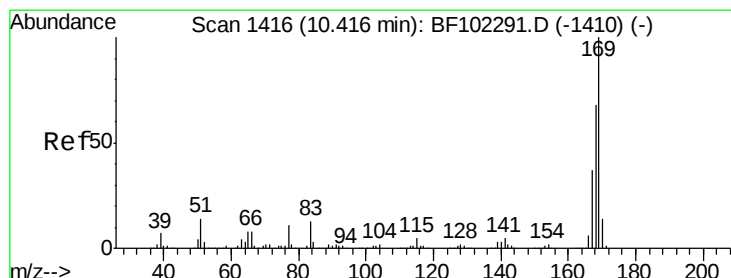
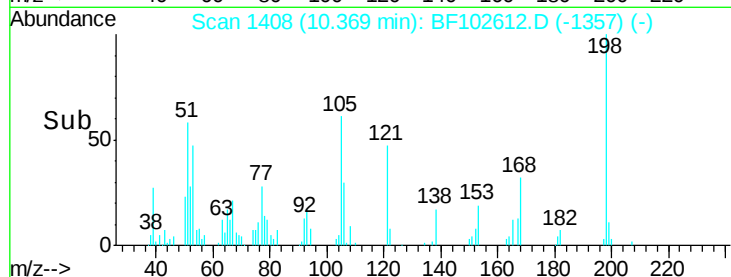
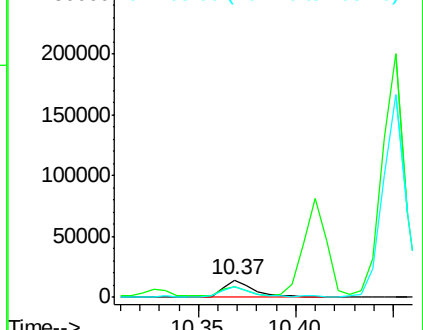
105 58.7 36.3 76.3



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 43.122 ng

RT: 10.41 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BF102612.D

Acq: 29 Jan 2018 22:11

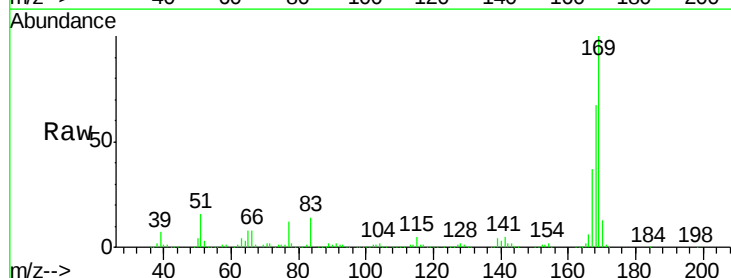
Tgt Ion:169 Resp: 464976

Ion Ratio Lower Upper

169 100

168 66.8 54.4 81.6

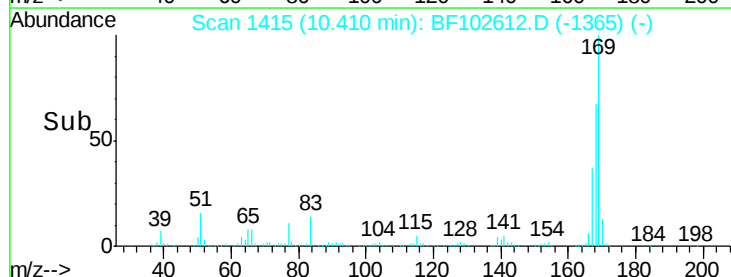
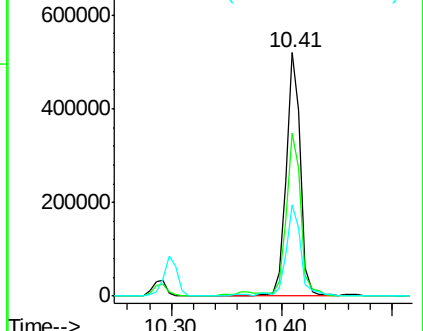
167 37.4 29.8 44.6

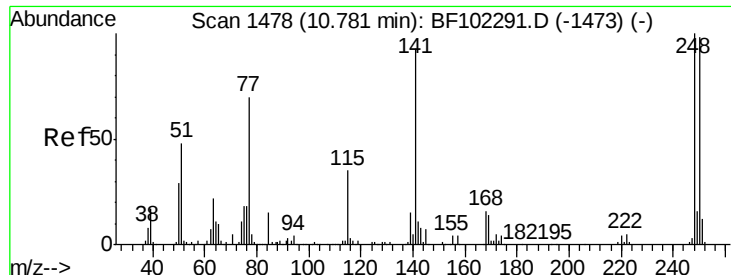


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

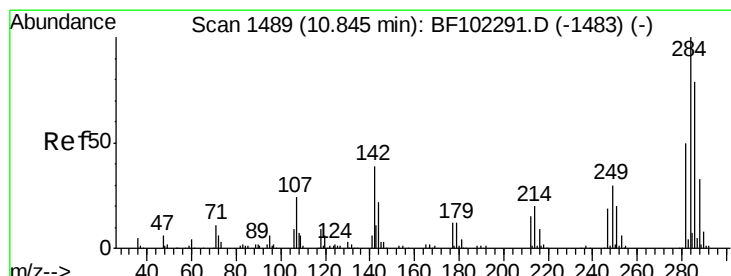
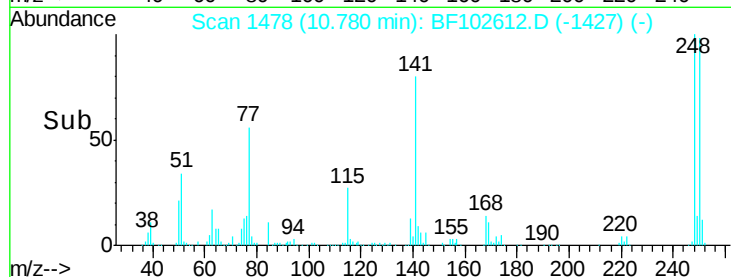
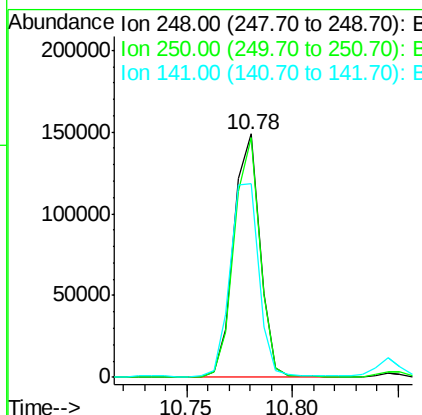
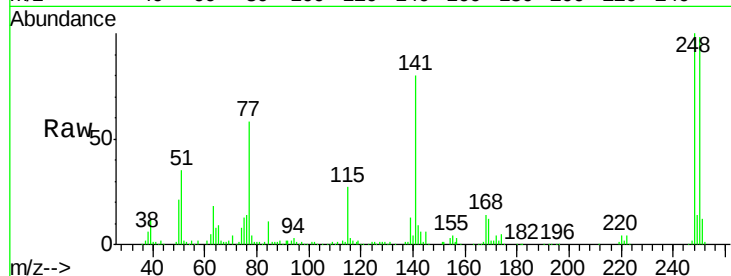




#66
 4-Bromophenyl-phenylether
 Concen: 40.600 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.00 min
 Lab File: BF102612.D
 Acq: 29 Jan 2018 22:11

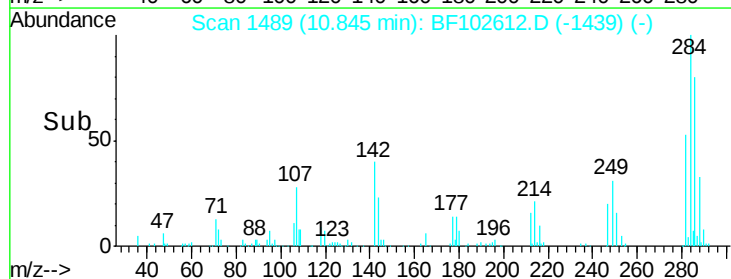
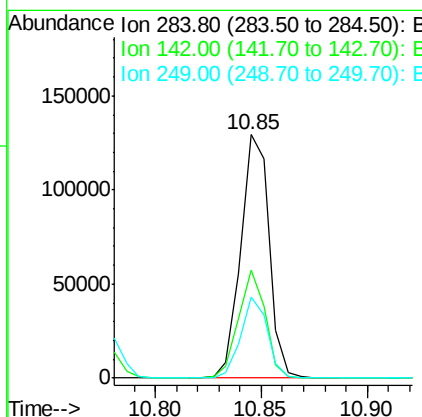
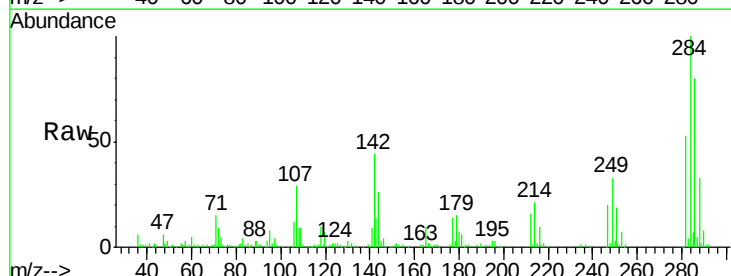
Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-5(5-10)MS

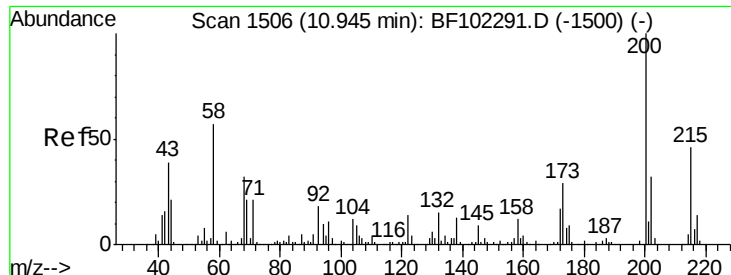
Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.4	76.9	115.3
141	79.8	74.4	111.6



#67
 Hexachlorobenzene
 Concen: 33.966 ng
 RT: 10.85 min Scan# 1489
 Delta R.T. -0.01 min
 Lab File: BF102612.D
 Acq: 29 Jan 2018 22:11

Tgt Ion	Ratio	Lower	Upper
284	100		
142	44.3	34.6	52.0
249	33.3	24.8	37.2

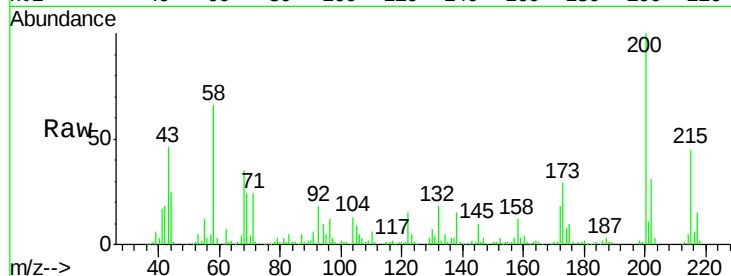




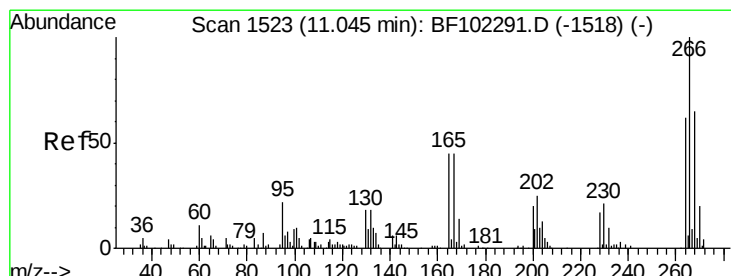
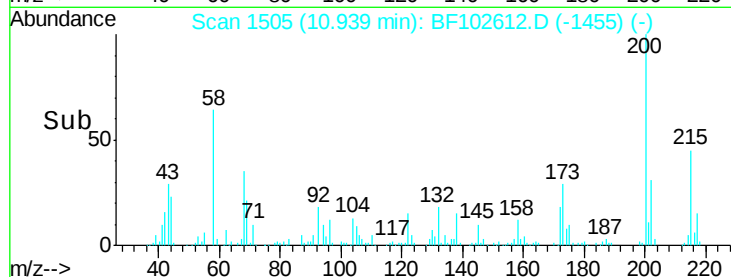
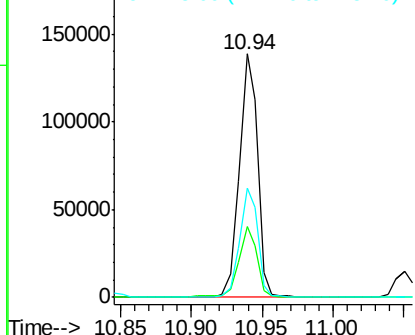
#68
 Atrazine
 Concen: 38.993 ng
 RT: 10.94 min Scan# 1505
 Delta R.T. -0.01 min
 Lab File: BF102612.D
 Acq: 29 Jan 2018 22:11

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

Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.3	8.6	48.6
215	44.9	25.1	65.1

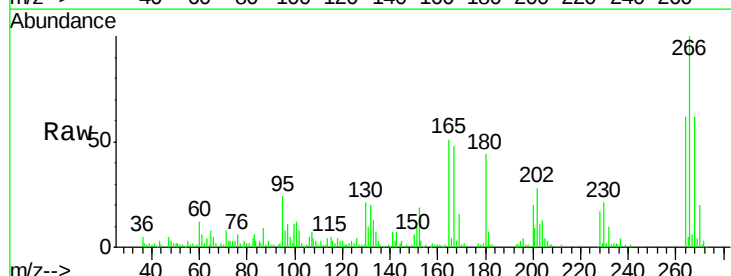


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

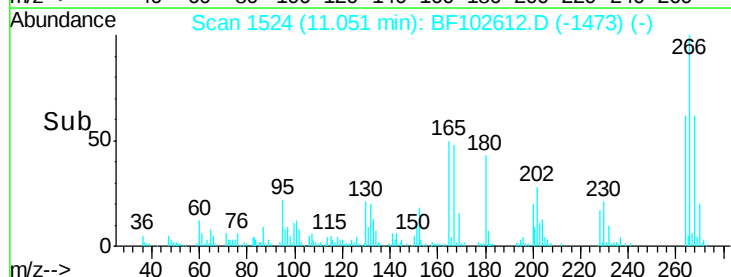
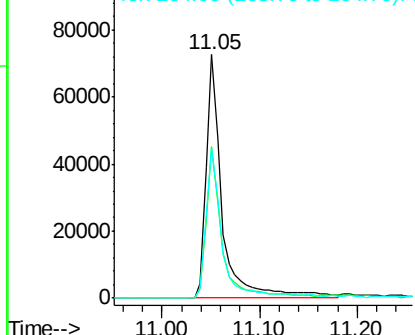


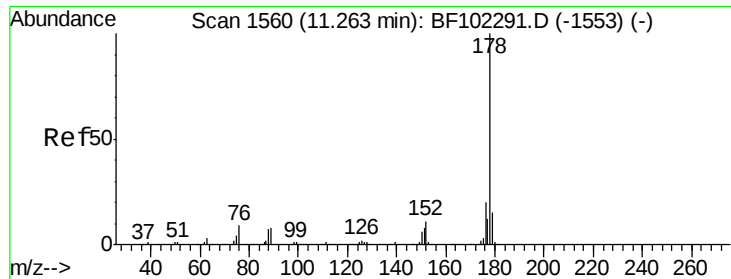
#69
 Pentachlorophenol
 Concen: 45.066 ng
 RT: 11.05 min Scan# 1524
 Delta R.T. -0.00 min
 Lab File: BF102612.D
 Acq: 29 Jan 2018 22:11

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.0	51.1	76.7
264	61.6	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

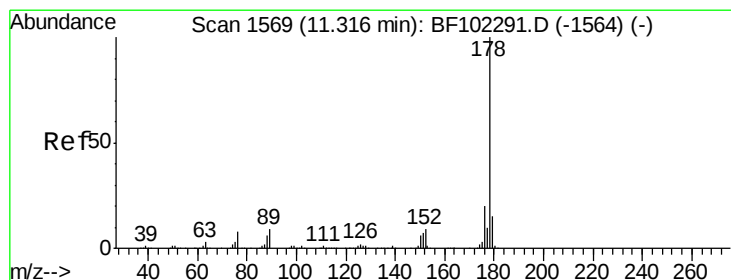
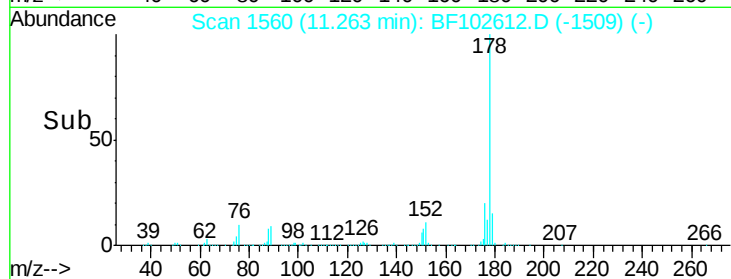
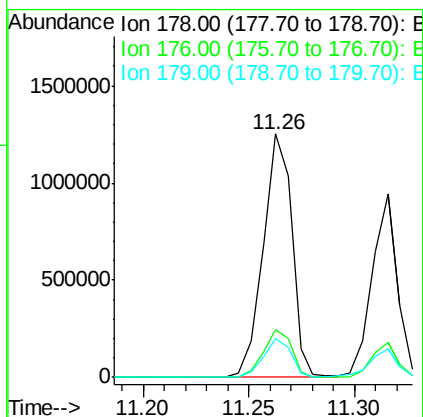
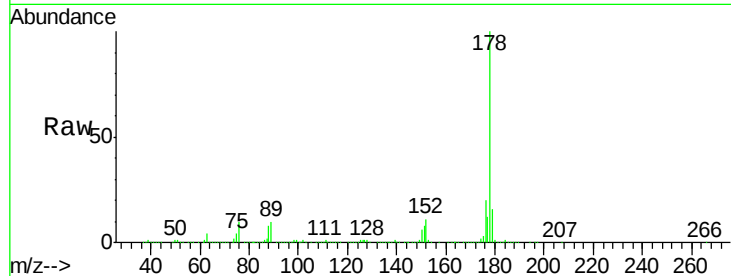




#70
Phenanthrene
Concen: 69.548 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

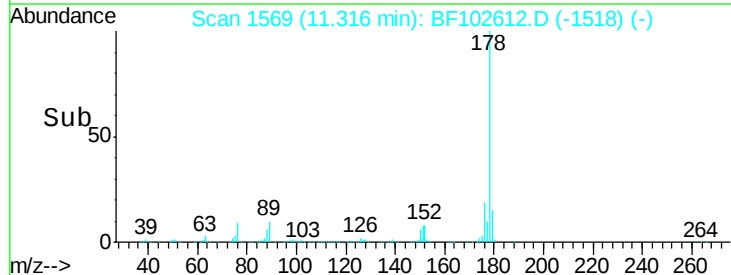
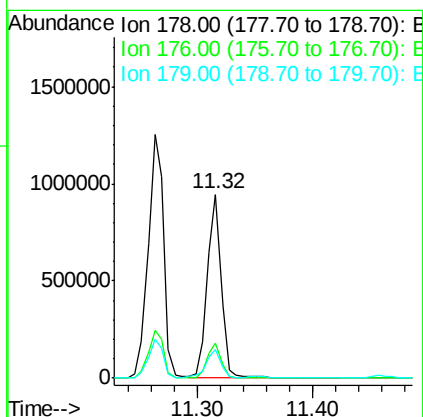
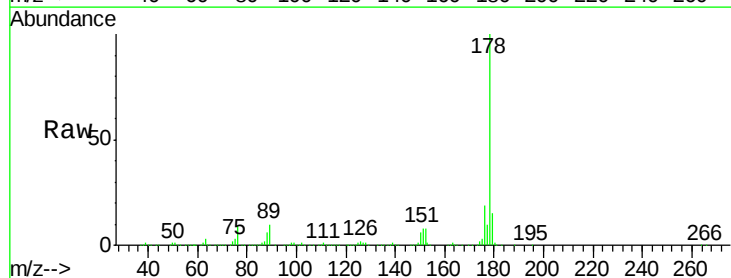
Instrument :
BNA_F
ClientSampleId :
EPE-106-5(5-10)MS

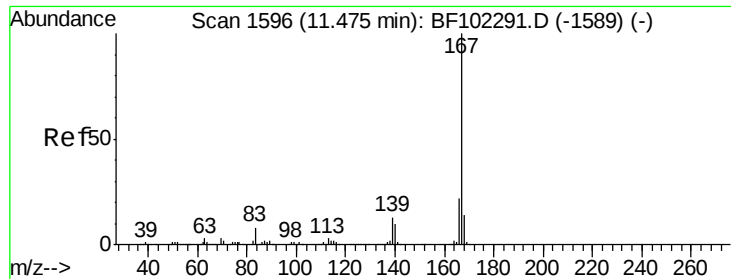
Tgt Ion:178 Resp: 1190586
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.8
179 15.8 13.0 19.6



#71
Anthracene
Concen: 46.043 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

Tgt Ion:178 Resp: 804508
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.2
179 15.4 12.6 19.0

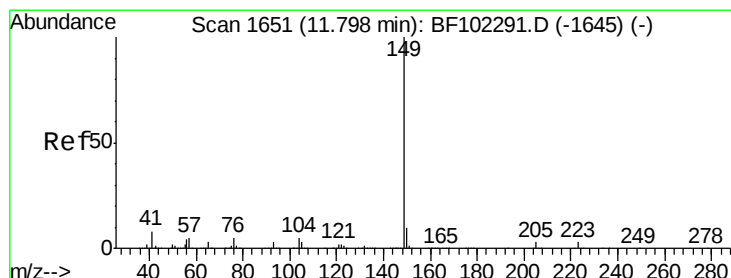
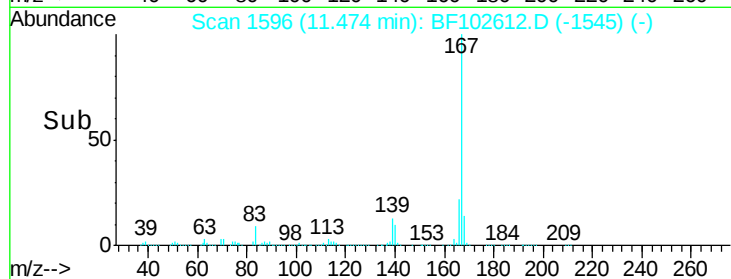
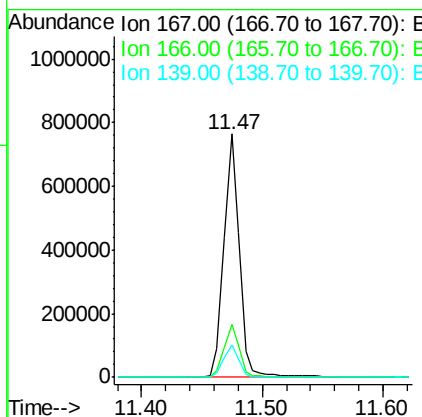
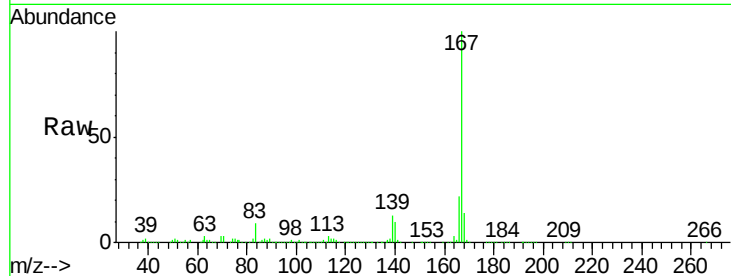




#72
 Carbazole
 Concen: 39.715 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.00 min
 Lab File: BF102612.D
 Acq: 29 Jan 2018 22:11

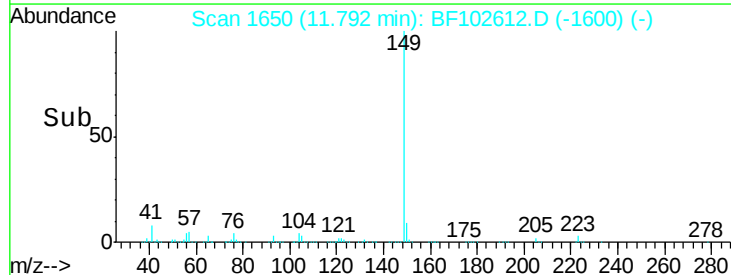
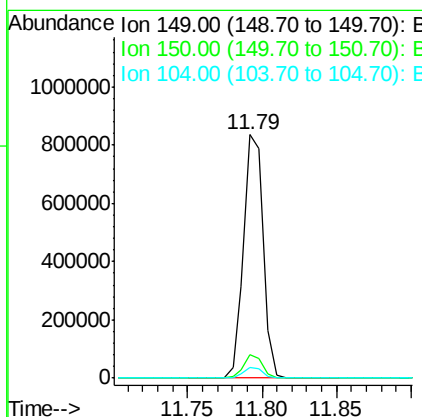
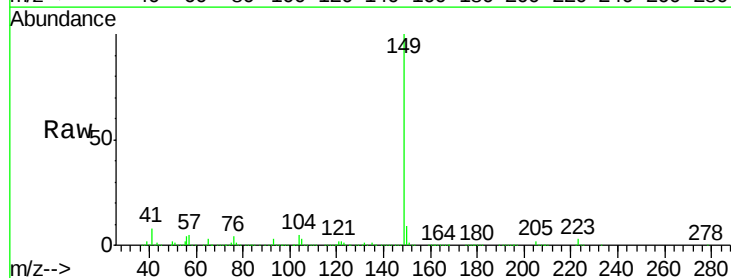
Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-5(5-10)MS

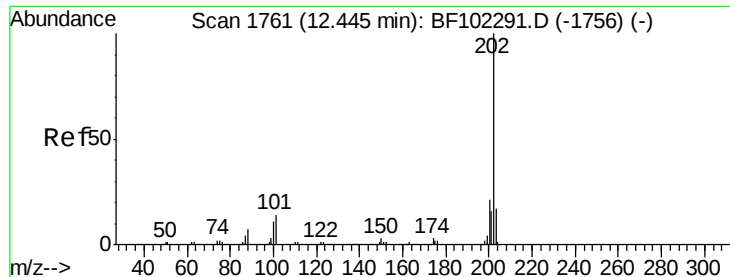
Tgt Ion:167 Resp: 676994
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.6 26.4
 139 13.3 10.9 16.3



#73
 Di-n-butylphthalate
 Concen: 35.726 ng
 RT: 11.79 min Scan# 1650
 Delta R.T. -0.01 min
 Lab File: BF102612.D
 Acq: 29 Jan 2018 22:11

Tgt Ion:149 Resp: 761227
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.8 11.6
 104 4.5 3.8 5.8





#74

Fluoranthene

Concen: 90.646 ng

RT: 12.46 min Scan# 1763

Delta R.T. 0.01 min

Lab File: BF102612.D

Acq: 29 Jan 2018 22:11

Instrument :

BNA_F

ClientSampleId :

EPE-106-5(5-10)MS

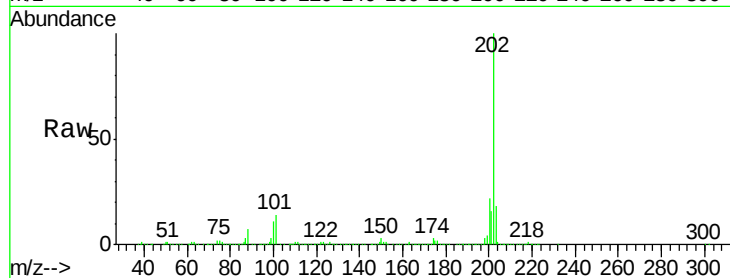
Tgt Ion:202 Resp: 1582417

Ion Ratio Lower Upper

202 100

101 14.2 0.0 34.1

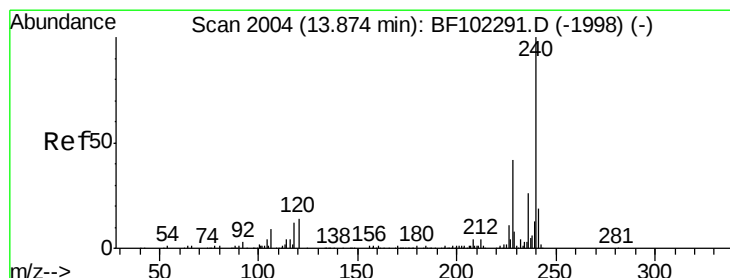
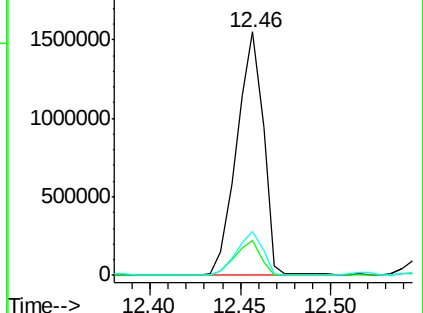
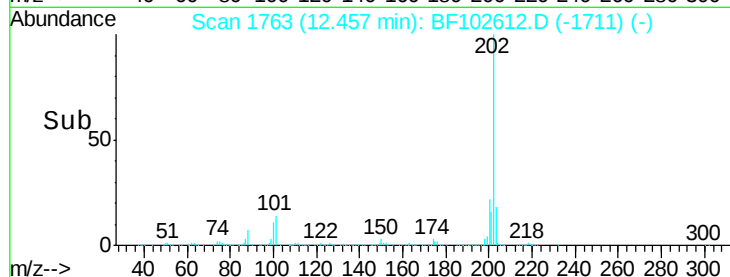
203 18.1 0.0 38.1



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: 13.89 min Scan# 2006

Delta R.T. 0.01 min

Lab File: BF102612.D

Acq: 29 Jan 2018 22:11

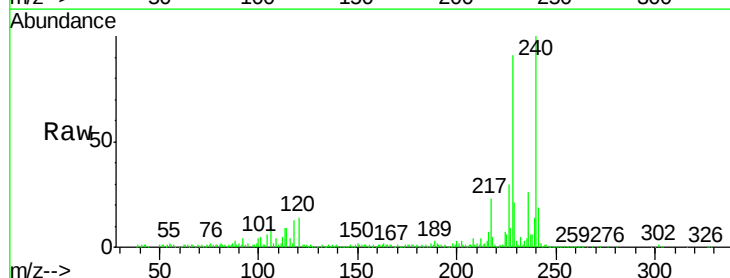
Tgt Ion:240 Resp: 259044

Ion Ratio Lower Upper

240 100

120 13.7 9.5 14.3

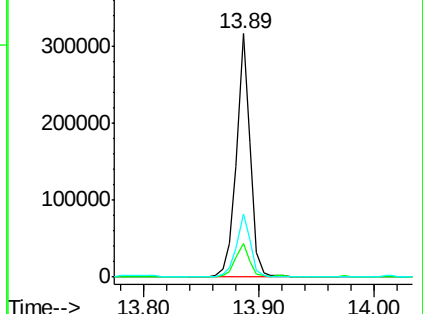
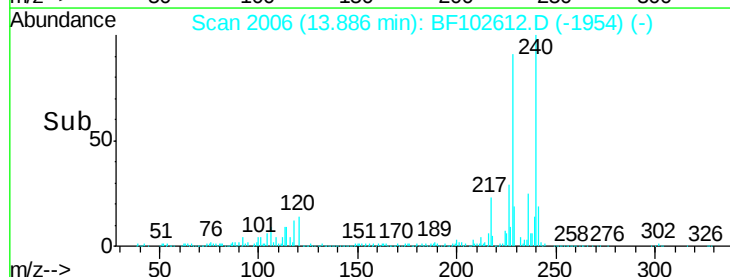
236 25.8 20.7 31.1

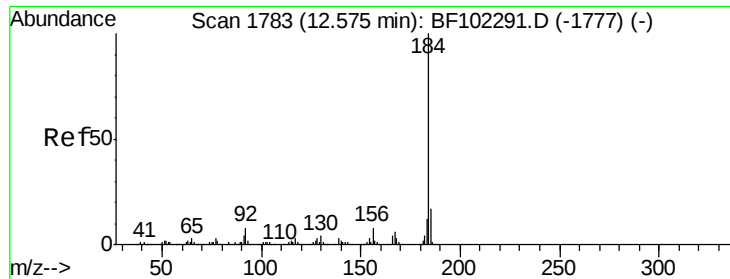


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

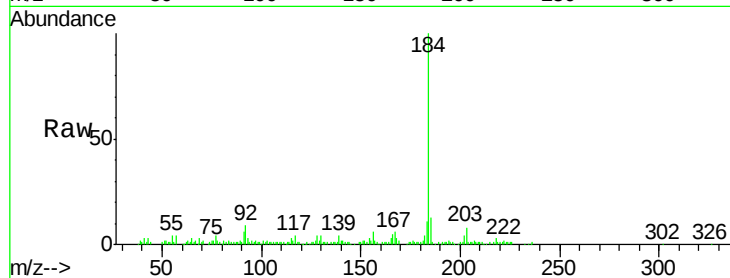




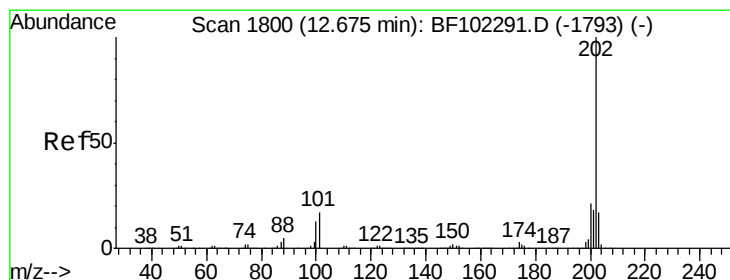
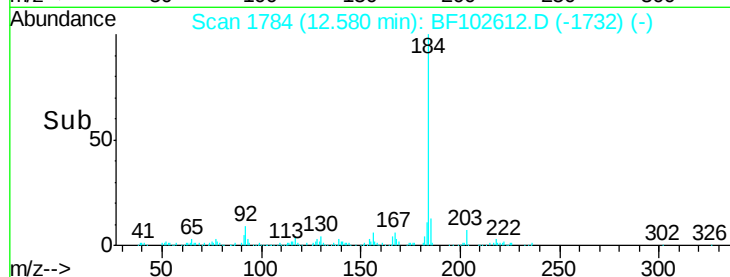
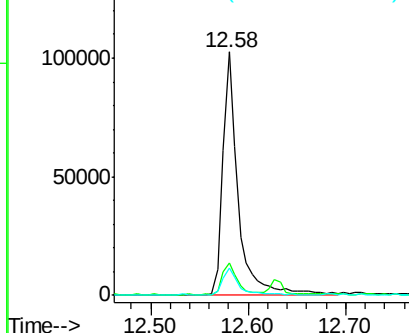
#76
Benzidine
Concen: 13.021 ng
RT: 12.58 min Scan# 1784
Delta R.T. 0.01 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

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

Tgt Ion:184 Resp: 113315
Ion Ratio Lower Upper
184 100
185 13.3 12.6 18.8
183 11.3 9.3 13.9

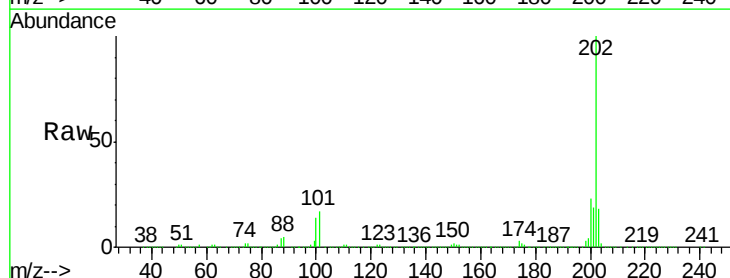


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

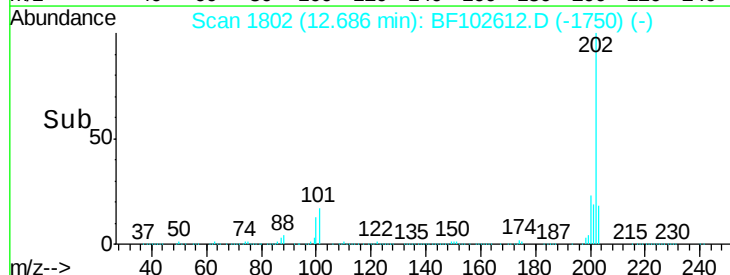
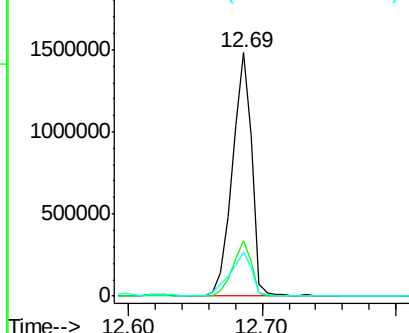


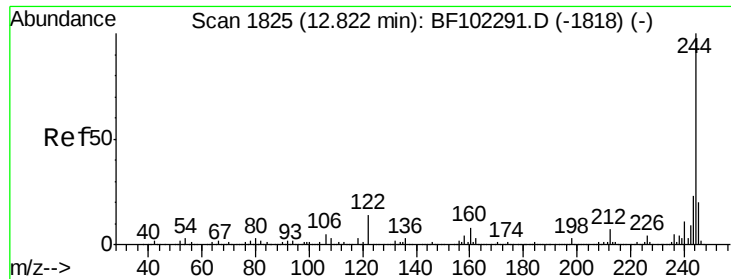
#77
Pyrene
Concen: 74.961 ng
RT: 12.69 min Scan# 1802
Delta R.T. 0.01 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

Tgt Ion:202 Resp: 1501351
Ion Ratio Lower Upper
202 100
200 22.7 17.4 26.2
203 18.2 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

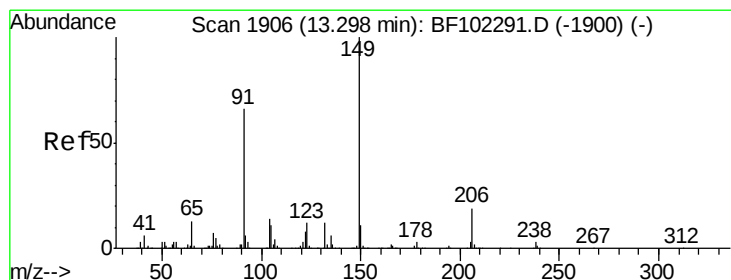
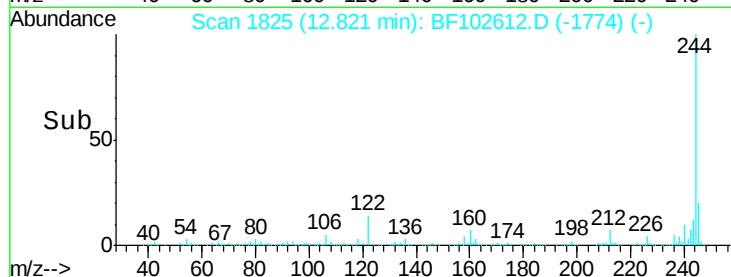
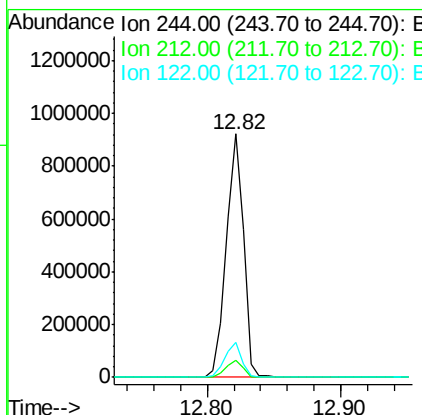
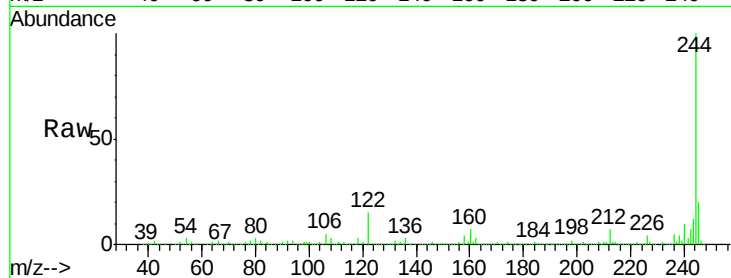




#78
 Terphenyl-d14
 Concen: 73.668 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.00 min
 Lab File: BF102612.D
 Acq: 29 Jan 2018 22:11

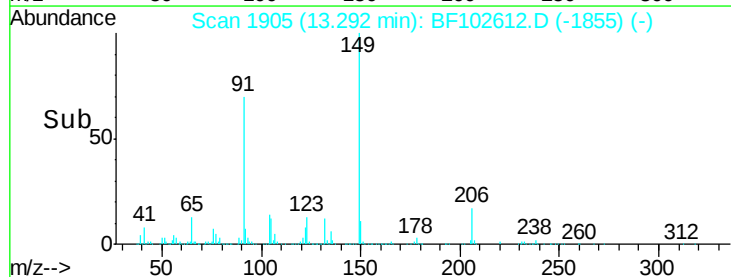
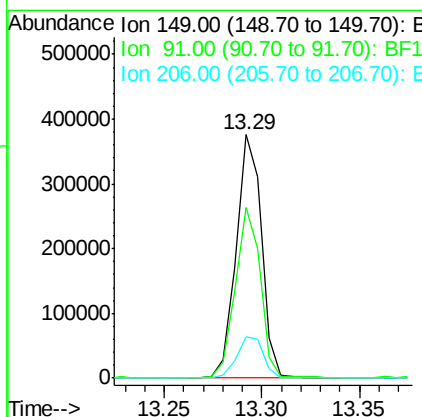
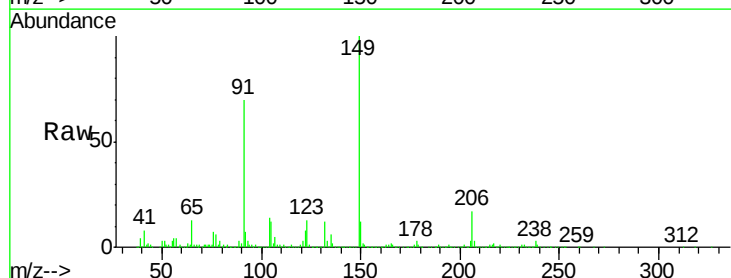
Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-5(5-10)MS

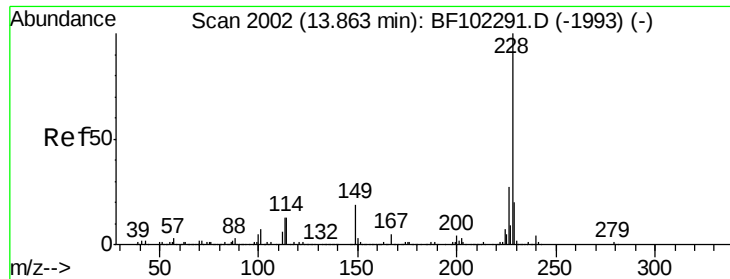
Tgt Ion: 244 Resp: 846501
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 14.5 11.0 16.4



#79
 Butylbenzylphthalate
 Concen: 33.628 ng
 RT: 13.29 min Scan# 1905
 Delta R.T. -0.01 min
 Lab File: BF102612.D
 Acq: 29 Jan 2018 22:11

Tgt Ion: 149 Resp: 335178
 Ion Ratio Lower Upper
 149 100
 91 70.3 56.8 85.2
 206 17.2 14.1 21.1

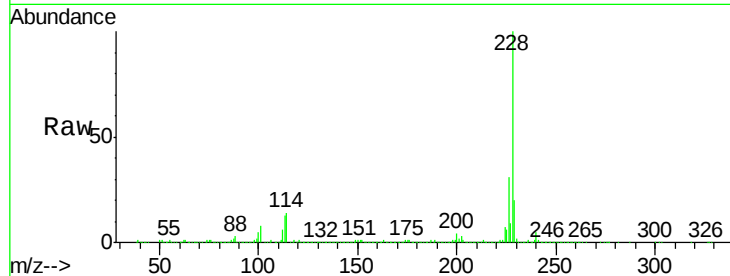




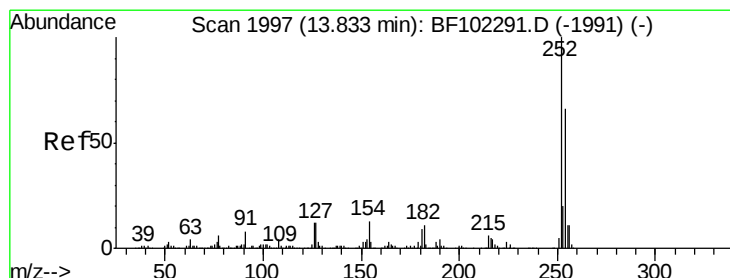
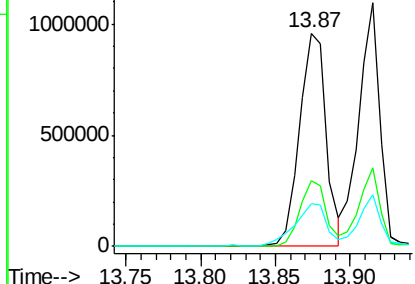
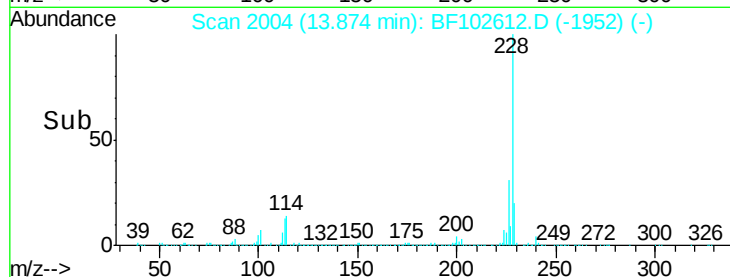
#80
Benzo(a)anthracene
Concen: 74.512 ng
RT: 13.87 min Scan# 2004
Delta R.T. 0.01 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

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

Tgt Ion:228 Resp: 1188362
Ion Ratio Lower Upper
228 100
226 30.9 22.6 33.8
229 20.1 15.8 23.6

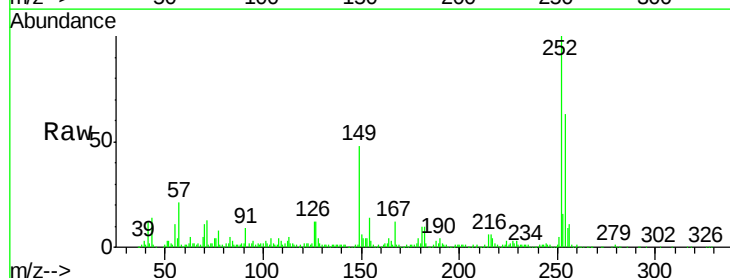


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

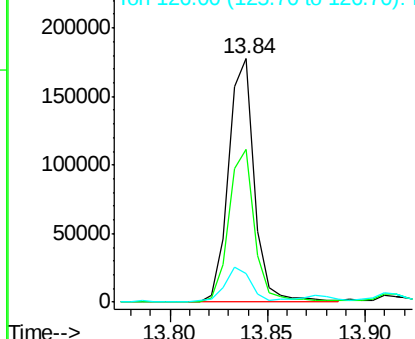
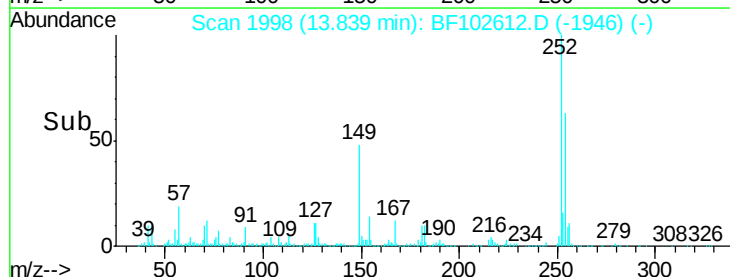


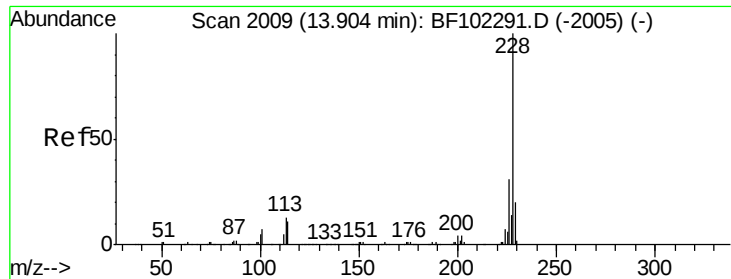
#81
3,3'-Dichlorobenzidine
Concen: 27.720 ng
RT: 13.84 min Scan# 1998
Delta R.T. 0.01 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

Tgt Ion:252 Resp: 162178
Ion Ratio Lower Upper
252 100
254 62.8 50.4 75.6
126 11.6 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: 67.026 ng

RT: 13.92 min Scan# 2011

Delta R.T. 0.01 min

Lab File: BF102612.D

Acq: 29 Jan 2018 22:11

Instrument :

BNA_F

ClientSampleId :

EPE-106-5(5-10)MS

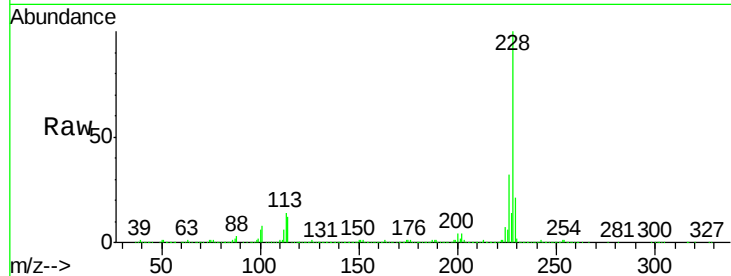
Tgt Ion:228 Resp: 1085526

Ion Ratio Lower Upper

228 100

226 32.1 25.0 37.6

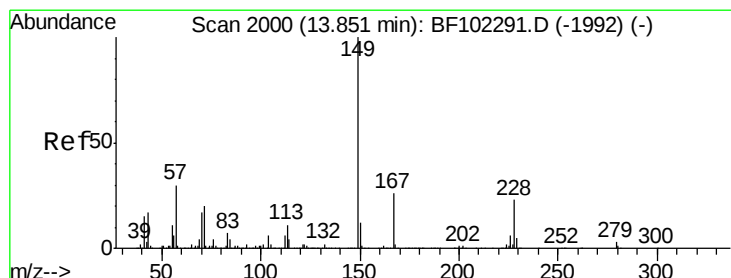
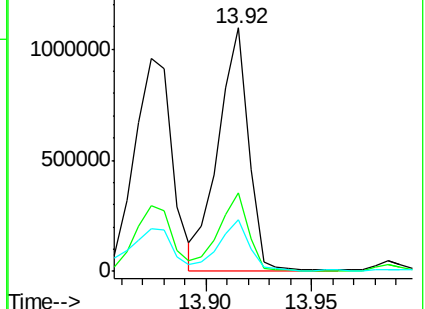
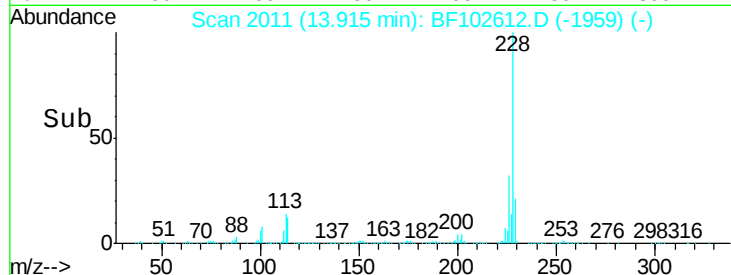
229 21.1 16.2 24.4



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: 37.082 ng

RT: 13.85 min Scan# 2000

Delta R.T. -0.00 min

Lab File: BF102612.D

Acq: 29 Jan 2018 22:11

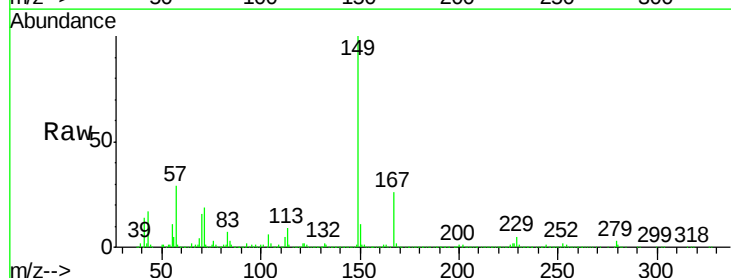
Tgt Ion:149 Resp: 496701

Ion Ratio Lower Upper

149 100

167 26.2 21.3 31.9

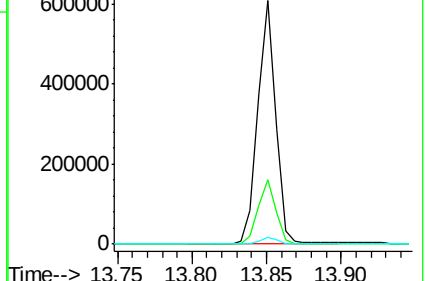
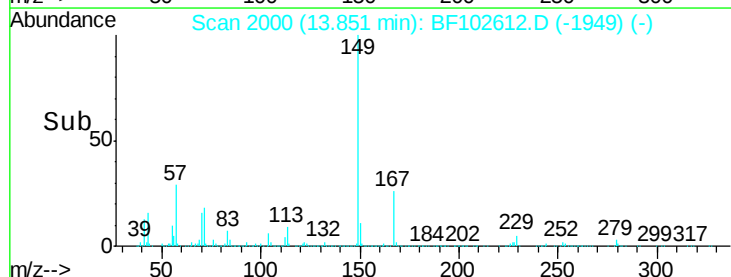
279 3.0 3.0 4.4

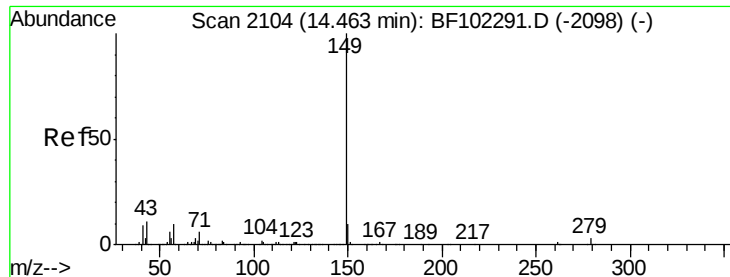


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 41.116 ng

RT: 14.46 min Scan# 2104

Delta R.T. -0.00 min

Lab File: BF102612.D

Acq: 29 Jan 2018 22:11

Instrument :

BNA_F

ClientSampleId :

EPE-106-5(5-10)MS

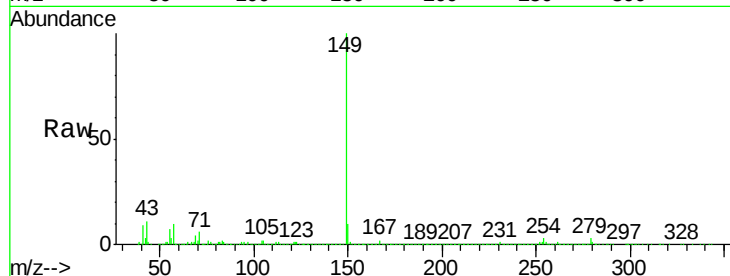
Tgt Ion:149 Resp: 895647

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

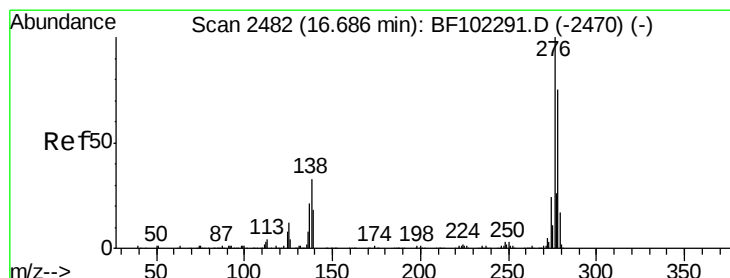
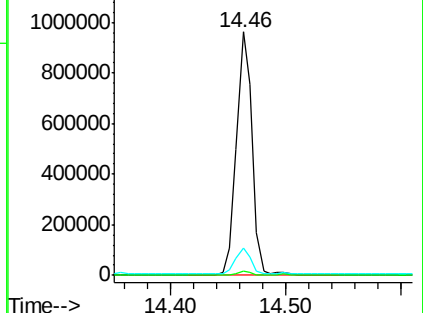
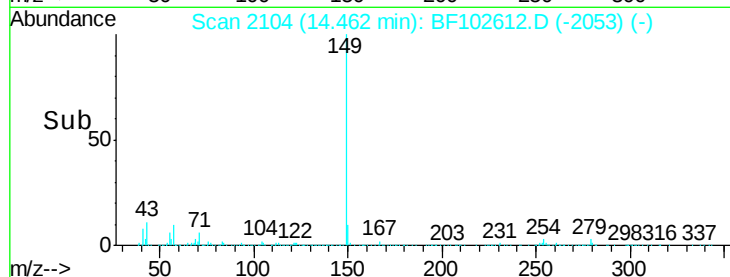
43 10.4 8.4 12.6



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: 59.609 ng

RT: 16.74 min Scan# 2492

Delta R.T. 0.04 min

Lab File: BF102612.D

Acq: 29 Jan 2018 22:11

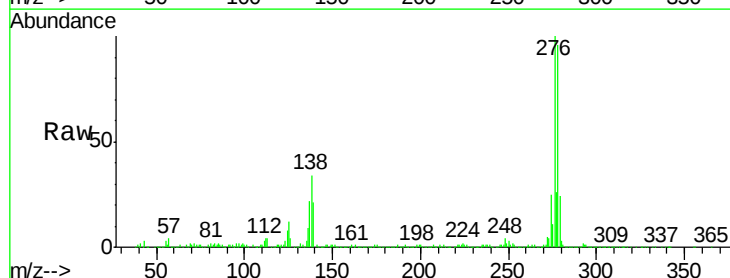
Tgt Ion:276 Resp: 797286

Ion Ratio Lower Upper

276 100

138 31.9 25.0 37.6

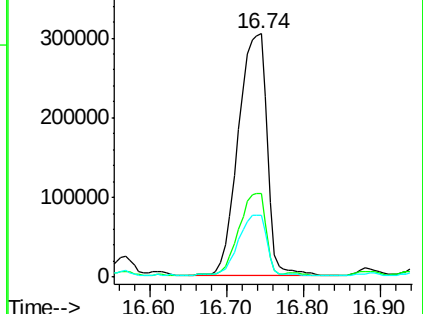
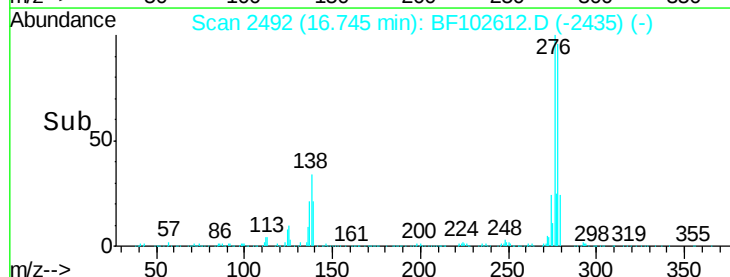
277 24.9 20.1 30.1

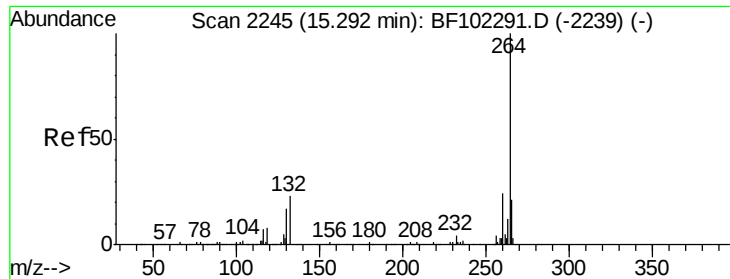


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

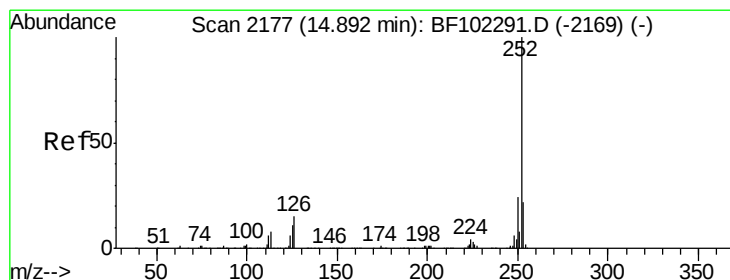
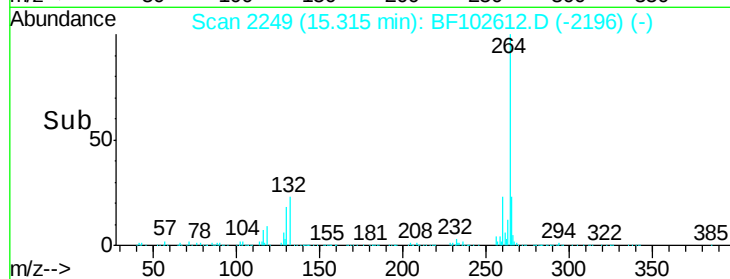
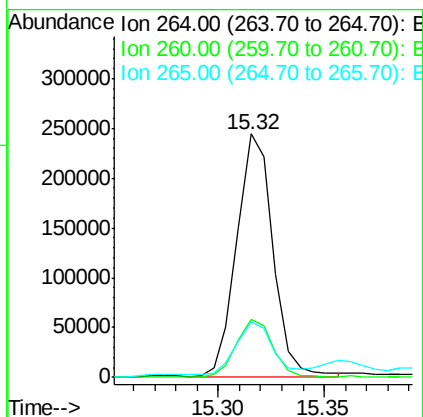
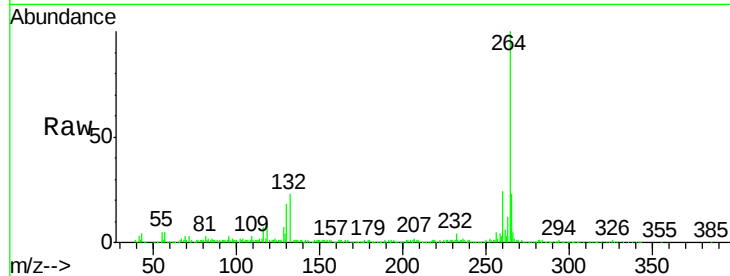




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2249
Delta R.T. 0.01 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

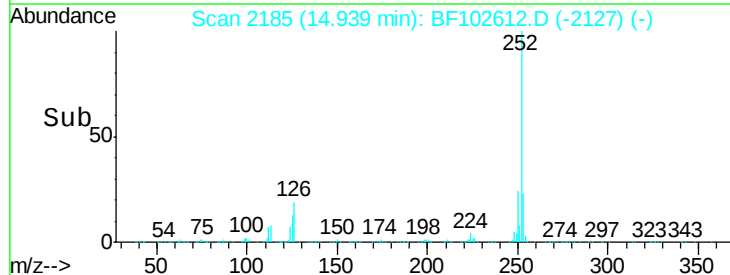
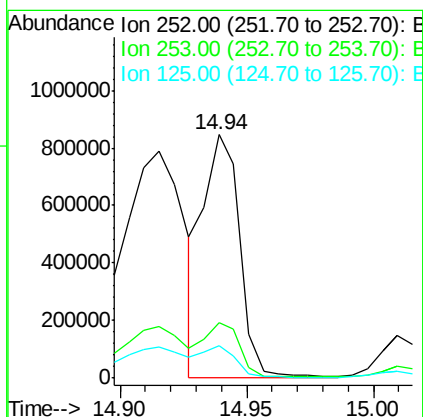
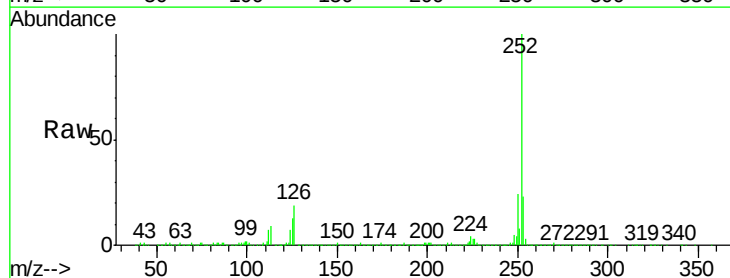
Instrument :
BNA_F
ClientSampleId :
EPE-106-5(5-10)MS

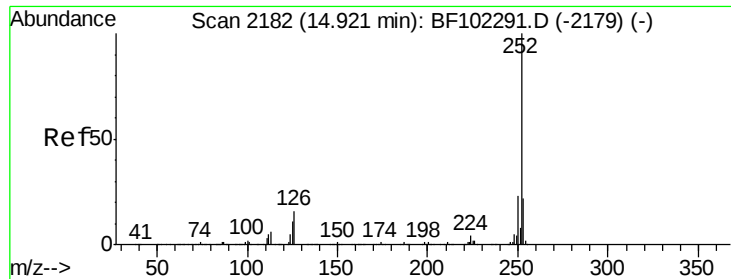
Tgt Ion:264 Resp: 288598
Ion Ratio Lower Upper
264 100
260 23.8 19.2 28.8
265 23.0 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 44.966 ng
RT: 14.94 min Scan# 2185
Delta R.T. 0.04 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

Tgt Ion:252 Resp: 841108
Ion Ratio Lower Upper
252 100
253 22.9 17.0 25.6
125 13.3 9.0 13.6

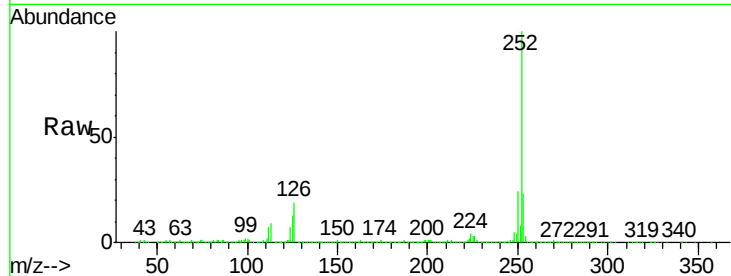




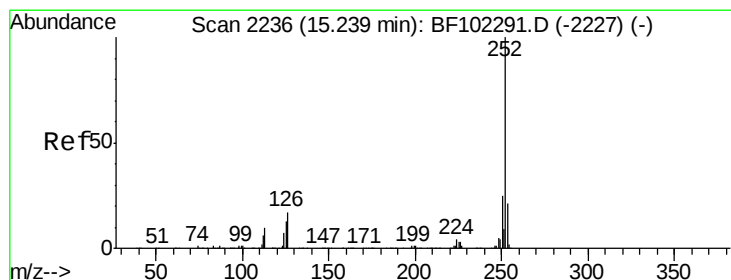
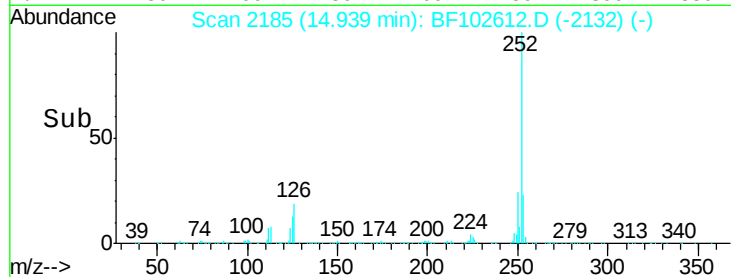
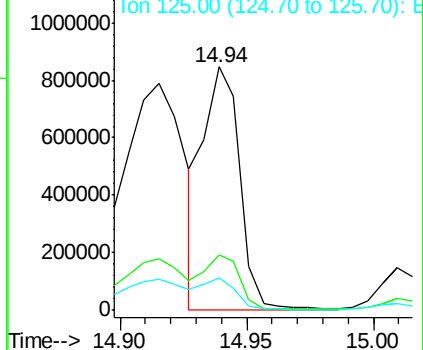
#88
Benzo(k)fluoranthene
Concen: 47.594 ng
RT: 14.94 min Scan# 2185
Delta R.T. 0.01 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

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

Tgt Ion:252 Resp: 841108
Ion Ratio Lower Upper
252 100
253 22.9 17.9 26.9
125 13.3 10.2 15.2

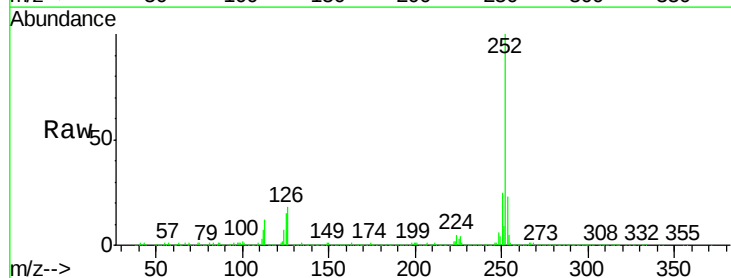


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

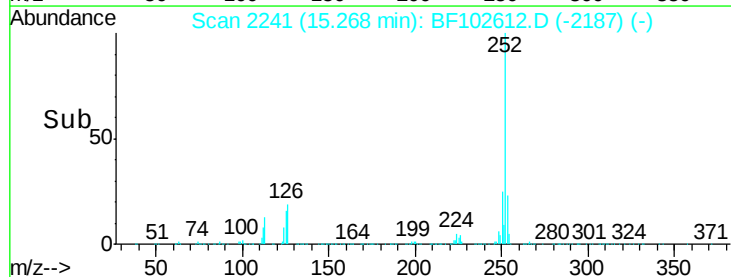
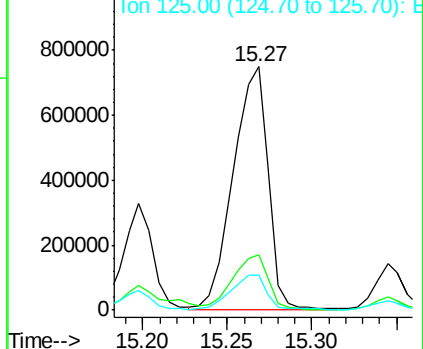


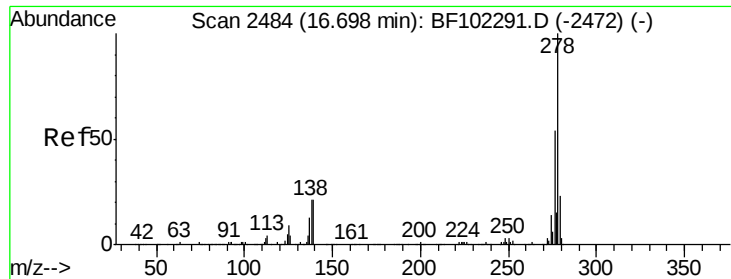
#89
Benzo(a)pyrene
Concen: 63.658 ng
RT: 15.27 min Scan# 2241
Delta R.T. 0.02 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

Tgt Ion:252 Resp: 1073924
Ion Ratio Lower Upper
252 100
253 23.0 17.1 25.7
125 14.6 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 36.747 ng

RT: 16.74 min Scan# 2492

Delta R.T. 0.02 min

Lab File: BF102612.D

Acq: 29 Jan 2018 22:11

Instrument :

BNA_F

ClientSampleId :

EPE-106-5(5-10)MS

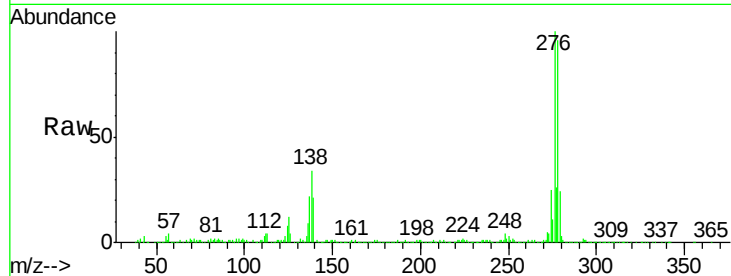
Tgt Ion:278 Resp: 502171

Ion Ratio Lower Upper

278 100

139 22.0 15.9 23.9

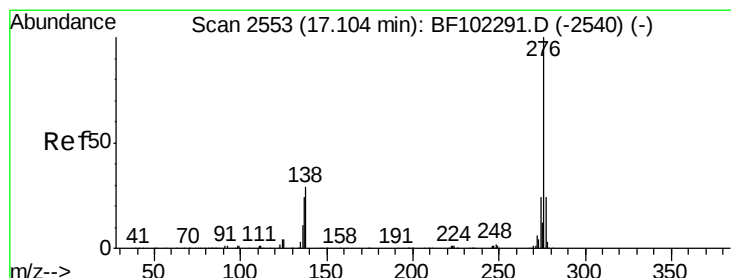
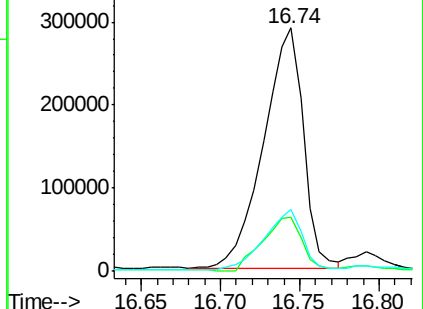
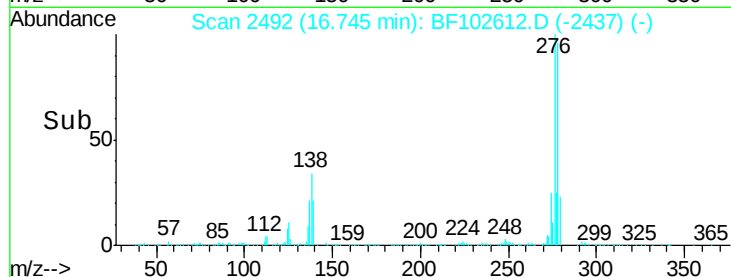
279 25.2 19.0 28.4



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: 50.575 ng

RT: 17.16 min Scan# 2563

Delta R.T. 0.03 min

Lab File: BF102612.D

Acq: 29 Jan 2018 22:11

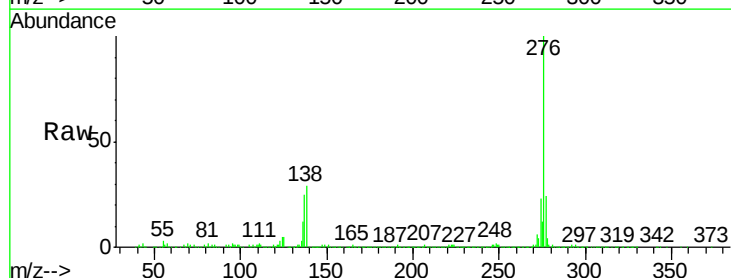
Tgt Ion:276 Resp: 682436

Ion Ratio Lower Upper

276 100

277 23.8 17.9 26.9

138 28.9 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

