

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG013018\
 Data File : BG032451.D
 Acq On : 30 Jan 2018 21:00
 Operator : SJ/JU
 Sample : J1367-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPE-106-5(100-102)MS

Quant Time: Jan 31 00:46:07 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 15:32:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.71	152	26540	20.00	ng	-0.01
21) Naphthalene-d8	11.59	136	102013	20.00	ng	0.00
38) Acenaphthene-d10	15.35	164	73106	20.00	ng	0.00
63) Phenanthrene-d10	18.08	188	202821	20.00	ng	0.00
75) Chrysene-d12	22.41	240	259471	20.00	ng	0.00
86) Perylene-d12	26.08	264	288546	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	217934	164.93	ng	0.00
7) Phenol-d6	7.84	99	272016	154.27	ng	0.01
23) Nitrobenzene-d5	9.91	82	167690	102.67	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	236456	169.92	ng	0.00
44) 2-Fluorobiphenyl	13.97	172	576548	93.74	ng	-0.01
78) Terphenyl-d14	20.62	244	1206250	99.58	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.80	88	18728	42.126	ng	# 77
3) Pyridine	4.26	79	49635	41.348	ng	# 80
4) n-Nitrosodimethylamine	4.17	42	30495	48.800	ng	# 70
6) Aniline	8.01	93	75561	34.371	ng	97
8) 2-Chlorophenol	8.26	128	79701	51.028	ng	87
9) Benzaldehyde	7.82	77	26153	28.718	ng	82
10) Phenol	7.87	94	86852	51.869	ng	85
11) bis(2-Chloroethyl)ether	8.10	93	58186	45.606	ng	# 80
12) 1,3-Dichlorobenzene	8.59	146	92113	43.608	ng	94
13) 1,4-Dichlorobenzene	8.75	146	94362	44.571	ng	94
14) 1,2-Dichlorobenzene	9.08	146	90492	43.633	ng	98
15) Benzyl Alcohol	8.95	79	69332	47.710	ng	94
16) 2,2'-oxybis(1-Chloropropan	9.24	45	50923	42.121	ng	74
17) 2-Methylphenol	9.16	107	60371	44.392	ng	97
18) Hexachloroethane	9.83	117	31425	44.210	ng	# 80
19) n-Nitroso-di-n-propylamine	9.53	70	48780	41.724	ng	# 86
20) 3+4-Methylphenols	9.49	107	88176	46.223	ng	95
22) Acetophenone	9.55	105	111116	46.467	ng	# 89
24) Nitrobenzene	9.96	77	74921	47.439	ng	# 78
25) Isophorone	10.48	82	141605	50.919	ng	# 88
26) 2-Nitrophenol	10.68	139	47044	49.277	ng	# 77
27) 2,4-Dimethylphenol	10.73	122	79005	57.656	ng	98
28) bis(2-Chloroethoxy)methane	10.96	93	79895	52.391	ng	98
29) 2,4-Dichlorophenol	11.22	162	97288	53.595	ng	86
30) 1,2,4-Trichlorobenzene	11.44	180	110945	45.857	ng	97
31) Naphthalene	11.64	128	238748	47.918	ng	99
32) Benzoic acid	10.82	122	17863	22.107	ng	# 74
33) 4-Chloroaniline	11.74	127	84340	37.953	ng	# 91
34) Hexachlorobutadiene	11.91	225	81482	43.287	ng	95
35) Caprolactam	12.49	113	27819	53.385	ng	# 47
36) 4-Chloro-3-methylphenol	12.83	107	91790	53.309	ng	# 87
37) 2-Methylnaphthalene	13.21	142	197299	47.136	ng	94
39) 1,2,4,5-Tetrachlorobenzene	13.56	216	153685	44.936	ng	# 96
40) Hexachlorocyclopentadiene	13.54	237	182790	85.539	ng	90

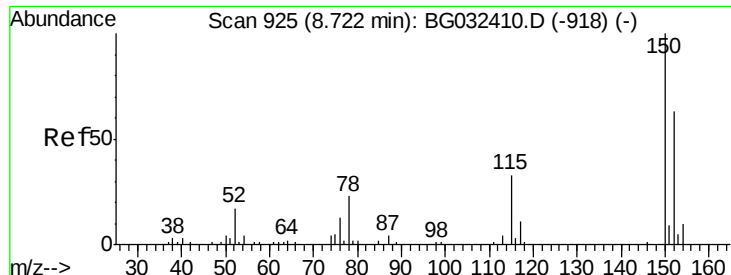
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG013018\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.79	196	96083	51.648	ng	97
43) 2,4,5-Trichlorophenol	13.87	196	106491	49.105	ng #	90
45) 1,1'-Biphenyl	14.19	154	284349	46.038	ng	91
46) 2-Chloronaphthalene	14.24	162	222476	45.957	ng	97
47) 2-Nitroaniline	14.43	65	52841	49.360	ng #	64
48) Acenaphthylene	15.08	152	340886	46.580	ng	98
49) Dimethylphthalate	14.78	163	368058	54.602	ng	99
50) 2,6-Dinitrotoluene	14.91	165	70685	49.961	ng #	77
51) Acenaphthene	15.41	154	255716	50.383	ng	98
52) 3-Nitroaniline	15.24	138	51621	41.772	ng #	78
53) 2,4-Dinitrophenol	15.44	184	63993	72.848	ng #	63
54) Dibenzofuran	15.74	168	364022	48.458	ng	97
55) 4-Nitrophenol	15.54	139	104689	113.158	ng #	73
56) 2,4-Dinitrotoluene	15.69	165	105060	52.155	ng #	66
57) Fluorene	16.38	166	293713	47.052	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.96	232	117489	54.930	ng #	87
59) Diethylphthalate	16.12	149	314089	47.842	ng	96
60) 4-Chlorophenyl-phenylether	16.36	204	189576	48.160	ng	93
61) 4-Nitroaniline	16.40	138	66338	50.085	ng #	79
62) Azobenzene	16.65	77	191642	48.847	ng	87
64) 4,6-Dinitro-2-methylphenol	16.45	198	65410	43.169	ng #	68
65) n-Nitrosodiphenylamine	16.58	169	283638	46.860	ng	98
66) 4-Bromophenyl-phenylether	17.25	248	138224	46.001	ng	94
67) Hexachlorobenzene	17.38	284	151016	45.415	ng #	90
68) Atrazine	17.50	200	139315	53.616	ng	97
69) Pentachlorophenol	17.72	266	185801	89.196	ng	98
70) Phenanthrene	18.12	178	527161	46.607	ng	99
71) Anthracene	18.22	178	545590	48.444	ng	97
72) Carbazole	18.48	167	479905	48.228	ng	99
73) Di-n-butylphthalate	18.98	149	542679	49.258	ng	99
74) Fluoranthene	20.09	202	715679	48.248	ng	94
76) Benzidine	20.25	184	425272	83.469	ng	98
77) Pyrene	20.45	202	713460	44.831	ng	100
79) Butylbenzylphthalate	21.30	149	250671	49.937	ng #	79
80) Benzo(a)anthracene	22.39	228	781606	48.590	ng	98
81) 3,3'-Dichlorobenzidine	22.28	252	234615	37.645	ng #	97
82) Chrysene	22.46	228	729499	46.960	ng	97
83) Bis(2-ethylhexyl)phthalate	22.23	149	355599	49.961	ng #	99
84) Di-n-octyl phthalate	23.60	149	619452	54.871	ng #	89
85) Indeno(1,2,3-cd)pyrene	30.35	276	984084	50.076	ng #	82
87) Benzo(b)fluoranthene	24.91	252	831176	47.674	ng #	96
88) Benzo(k)fluoranthene	24.99	252	802987	46.493	ng #	96
89) Benzo(a)pyrene	25.92	252	801886	48.244	ng #	97
90) Dibenzo(a,h)anthracene	30.43	278	827423	48.663	ng #	95
91) Benzo(g,h,i)perylene	31.69	276	815544	48.322	ng #	91

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.71 min Scan# 923

Delta R.T. -0.01 min

Lab File: BG032451.D

Acq: 30 Jan 2018 21:00

Instrument :

BNA_G

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EPE-106-5(100-102)MS

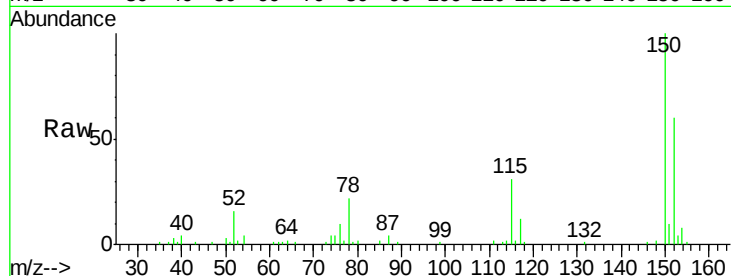
Tgt Ion:152 Resp: 26540

Ion Ratio Lower Upper

152 100

150 166.3 126.6 189.8

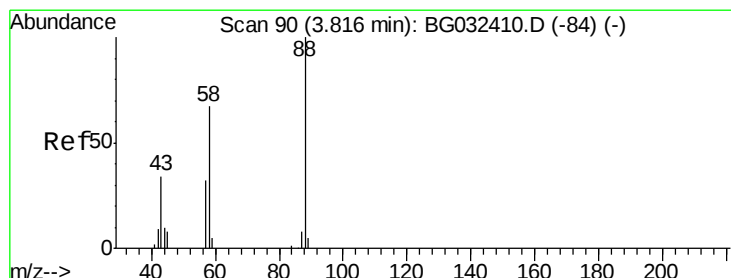
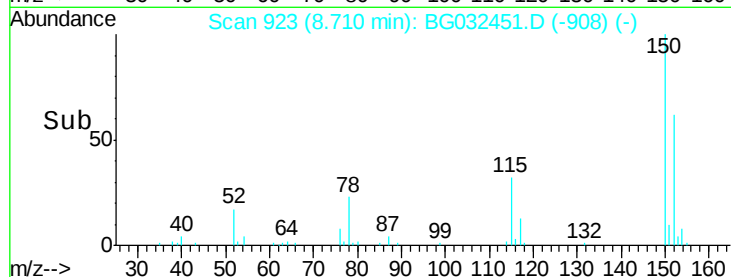
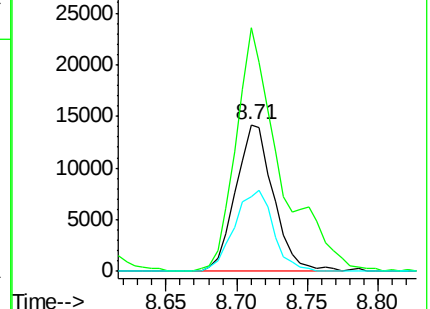
115 50.8 53.0 79.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 42.126 ng

RT: 3.80 min Scan# 88

Delta R.T. -0.01 min

Lab File: BG032451.D

Acq: 30 Jan 2018 21:00

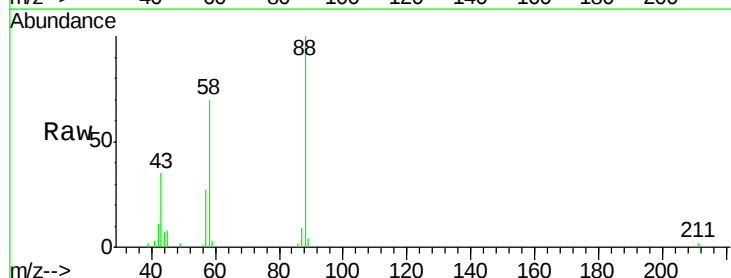
Tgt Ion: 88 Resp: 18728

Ion Ratio Lower Upper

88 100

58 69.2 79.6 119.4#

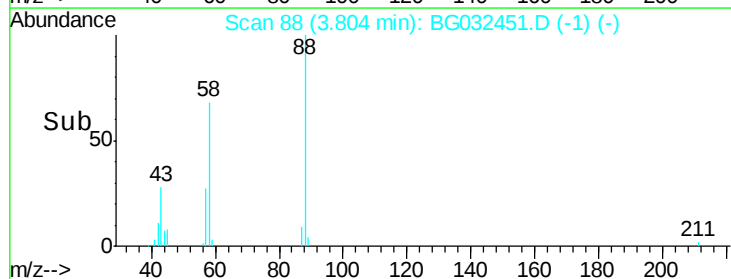
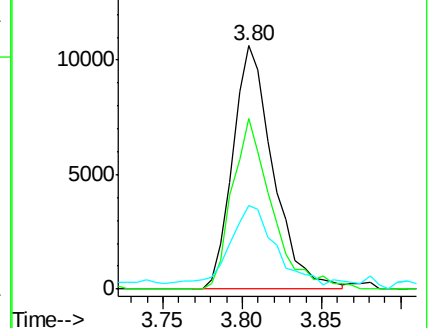
43 35.6 27.4 41.0

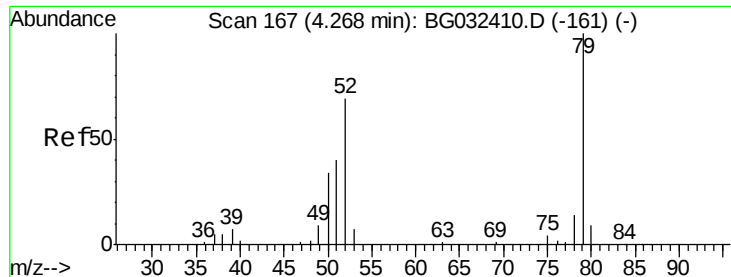


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 41.348 ng

RT: 4.26 min Scan# 165

Delta R.T. -0.01 min

Lab File: BG032451.D

Acq: 30 Jan 2018 21:00

Instrument :

BNA_G

ClientSampleId :

EPE-106-5(100-102)MS

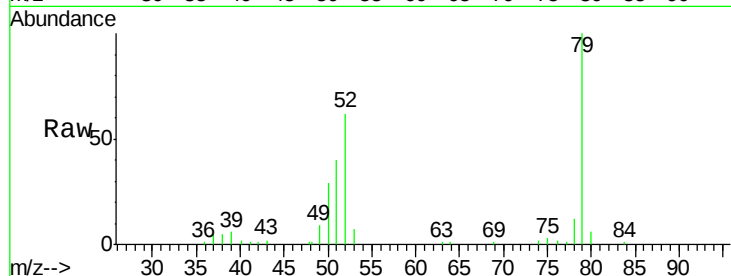
Tgt Ion: 79 Resp: 49635

Ion Ratio Lower Upper

79 100

52 62.4 69.9 104.9#

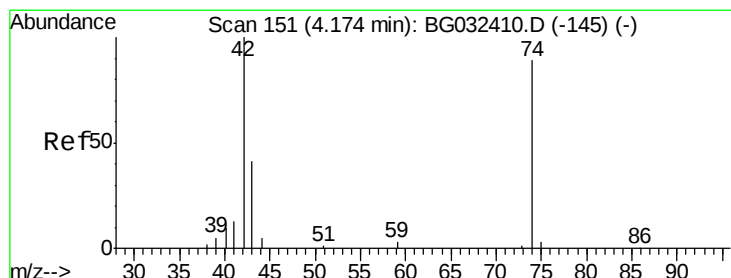
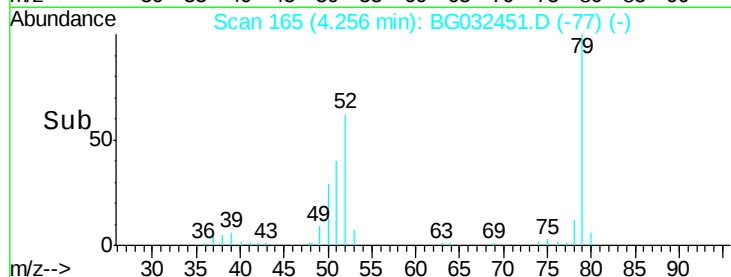
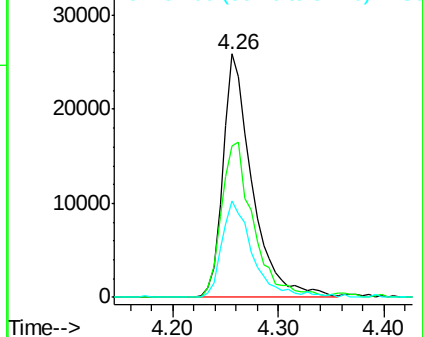
51 39.7 34.0 51.0



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 48.800 ng

RT: 4.17 min Scan# 150

Delta R.T. -0.01 min

Lab File: BG032451.D

Acq: 30 Jan 2018 21:00

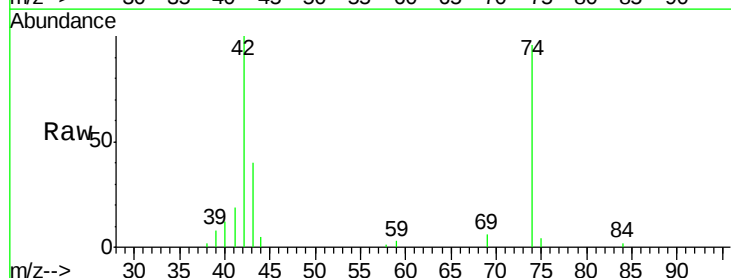
Tgt Ion: 42 Resp: 30495

Ion Ratio Lower Upper

42 100

74 95.5 102.5 153.7#

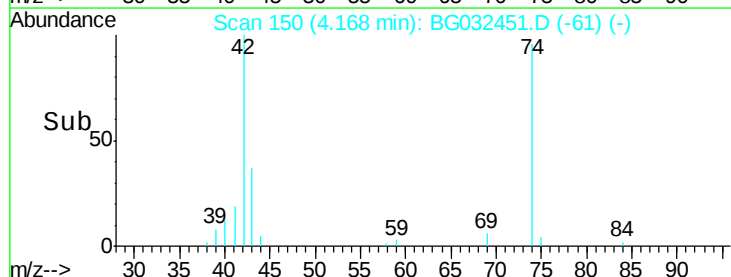
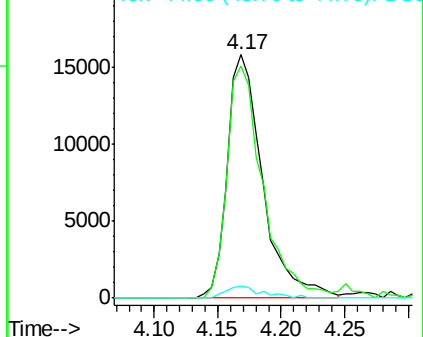
44 4.7 18.9 28.3#

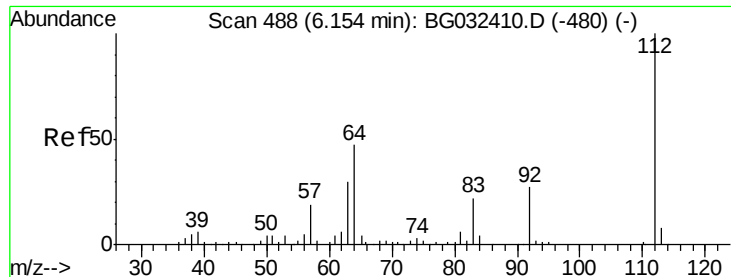


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 164.933 ng

RT: 6.15 min Scan# 488

Delta R.T. 0.00 min

Lab File: BG032451.D

Acq: 30 Jan 2018 21:00

Instrument :

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ClientSampleId :

EPE-106-5(100-102)MS

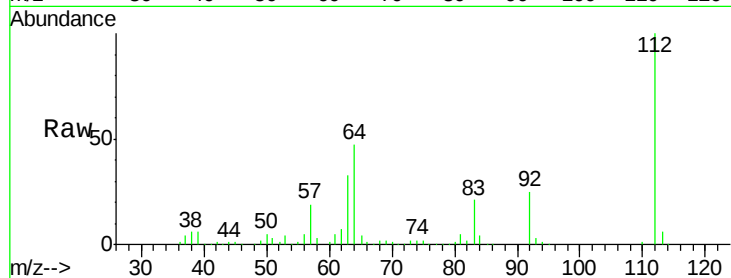
Tgt Ion: 112 Resp: 217934

Ion Ratio Lower Upper

112 100

64 47.4 56.3 84.5#

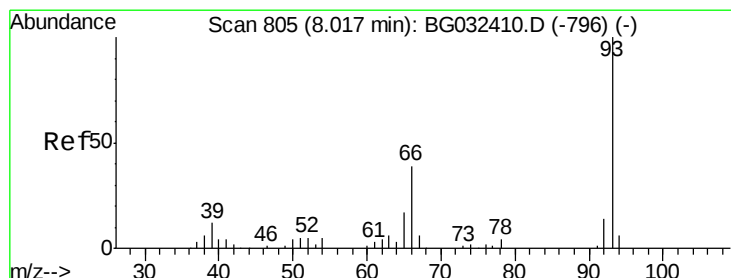
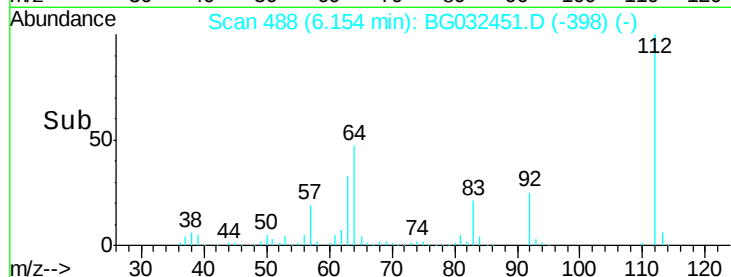
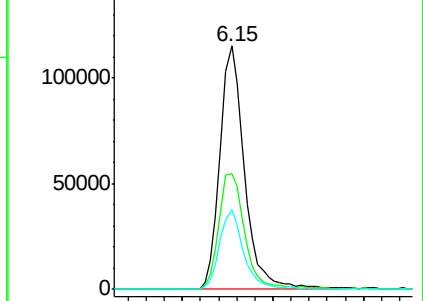
63 32.7 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 34.371 ng

RT: 8.01 min Scan# 804

Delta R.T. -0.01 min

Lab File: BG032451.D

Acq: 30 Jan 2018 21:00

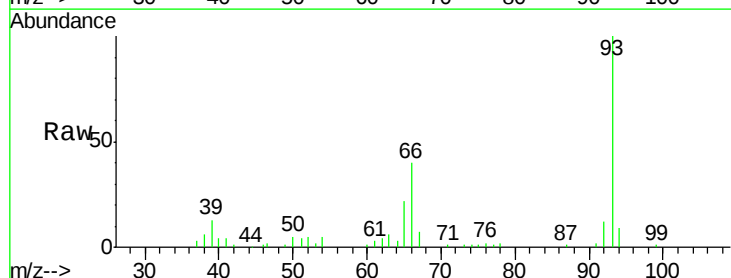
Tgt Ion: 93 Resp: 75561

Ion Ratio Lower Upper

93 100

66 40.1 33.7 50.5

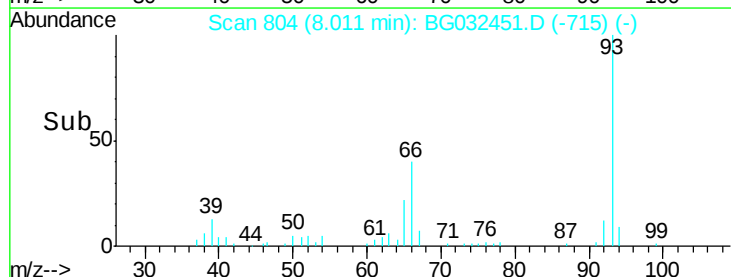
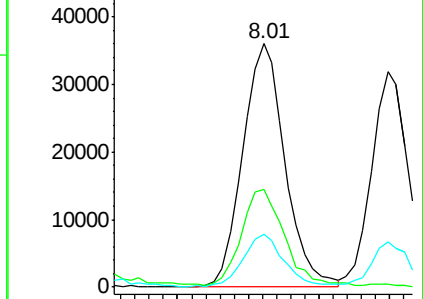
65 21.8 16.1 24.1

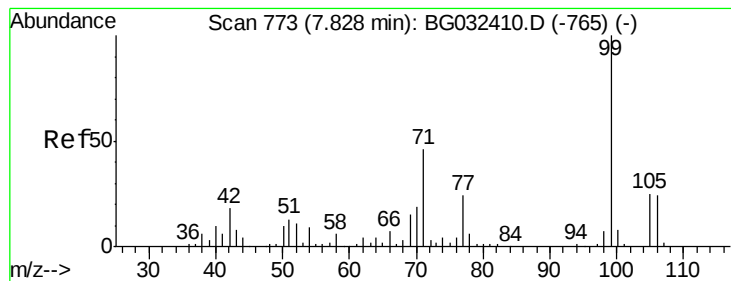


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 154.272 ng

RT: 7.84 min Scan# 775

Delta R.T. 0.01 min

Lab File: BG032451.D

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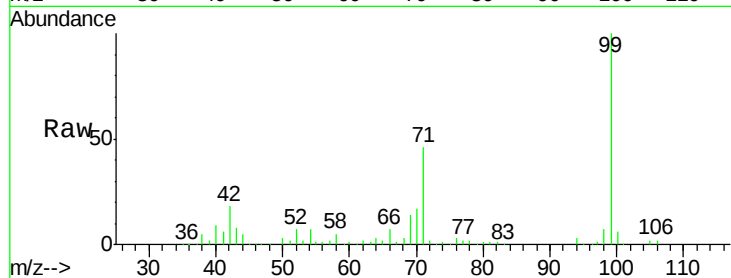
Tgt Ion: 99 Resp: 272016

Ion Ratio Lower Upper

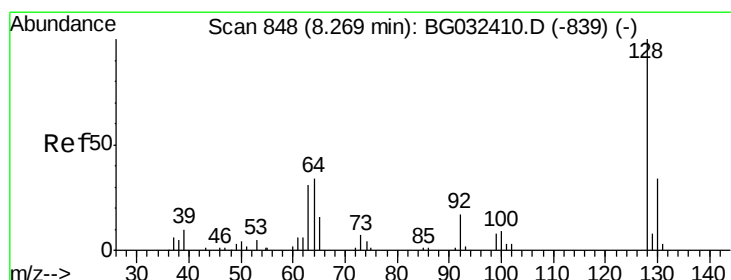
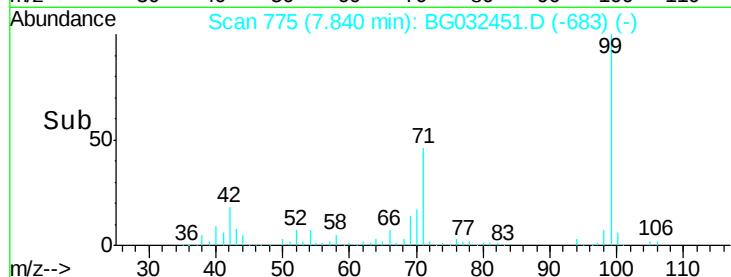
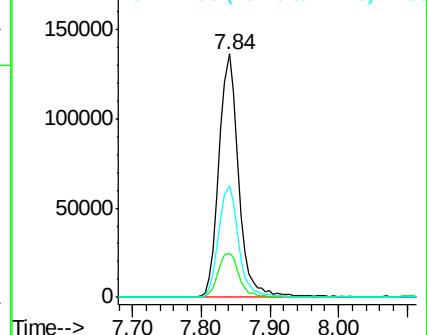
99 100

42 17.8 14.1 21.1

71 46.0 26.1 39.1#



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 51.028 ng

RT: 8.26 min Scan# 847

Delta R.T. -0.01 min

Lab File: BG032451.D

Acq: 30 Jan 2018 21:00

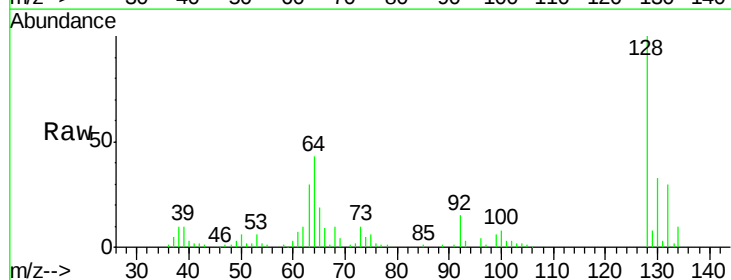
Tgt Ion: 128 Resp: 79701

Ion Ratio Lower Upper

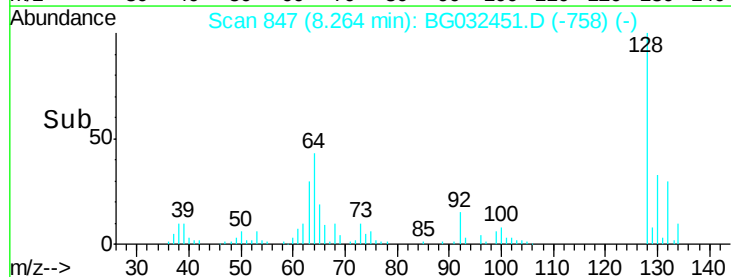
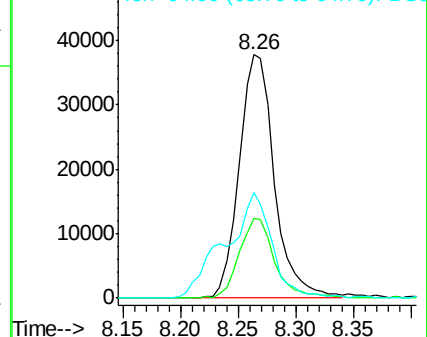
128 100

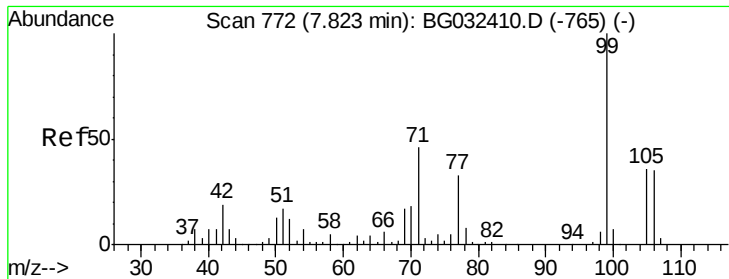
130 32.9 14.0 54.0

64 43.2 37.7 77.7



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





#9

Benzaldehyde

Concen: 28.718 ng

RT: 7.82 min Scan# 771

Delta R.T. -0.01 min

Lab File: BG032451.D

Acq: 30 Jan 2018 21:00

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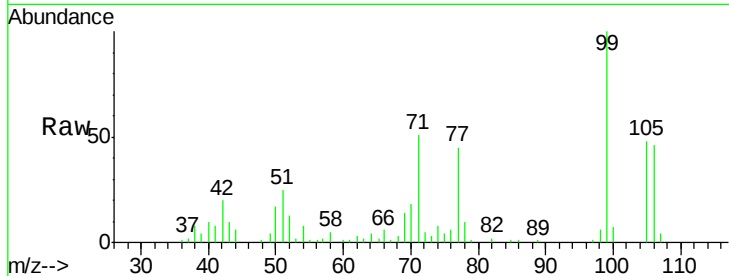
Tgt Ion: 77 Resp: 26153

Ion Ratio Lower Upper

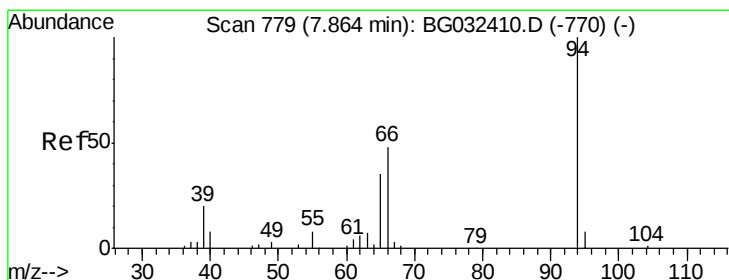
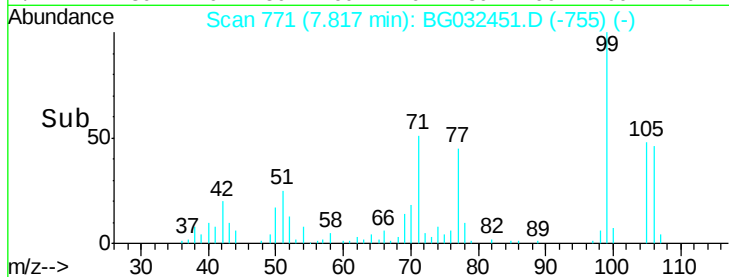
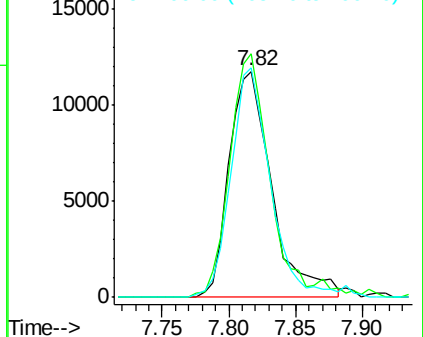
77 100

105 107.7 71.3 111.3

106 101.5 64.2 104.2



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 51.869 ng

RT: 7.87 min Scan# 780

Delta R.T. 0.01 min

Lab File: BG032451.D

Acq: 30 Jan 2018 21:00

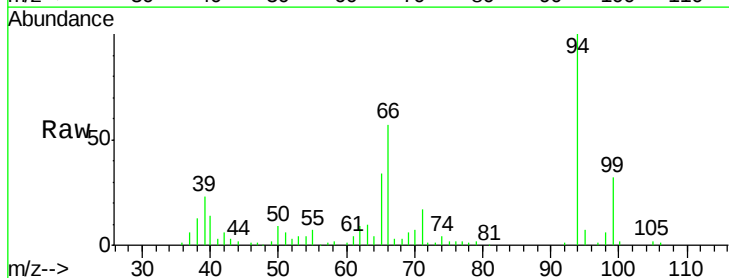
Tgt Ion: 94 Resp: 86852

Ion Ratio Lower Upper

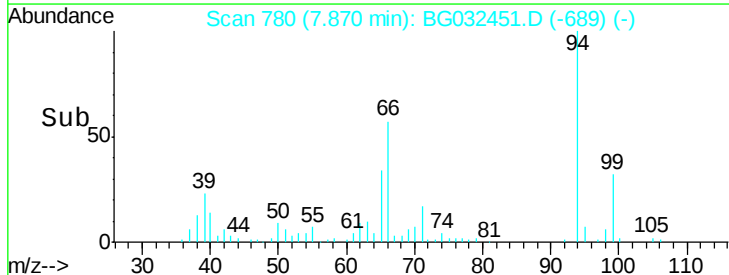
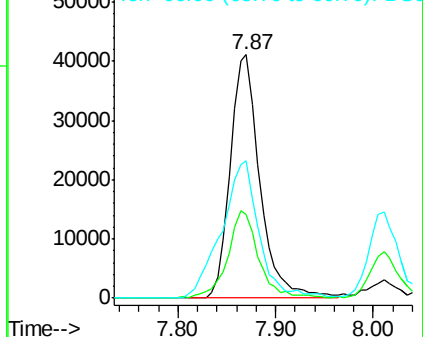
94 100

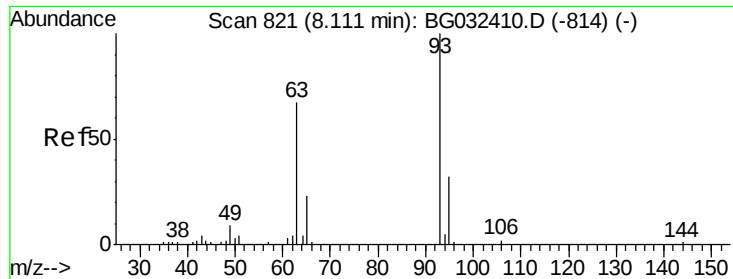
65 34.2 11.9 51.9

66 56.6 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

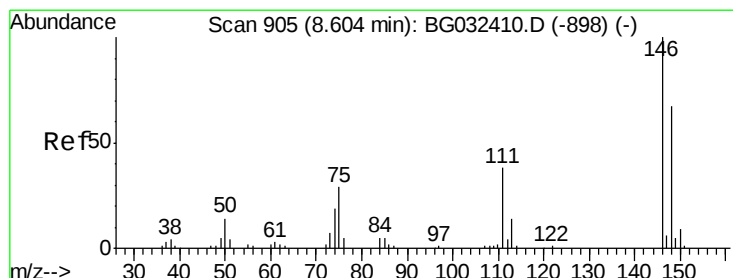
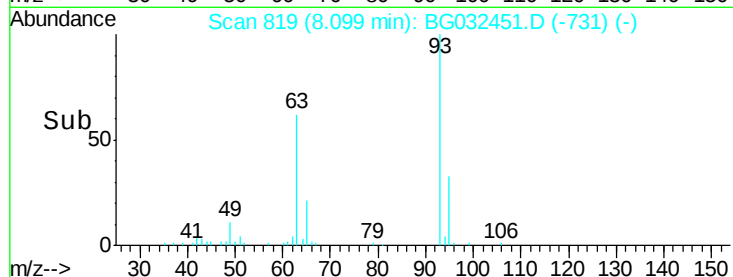
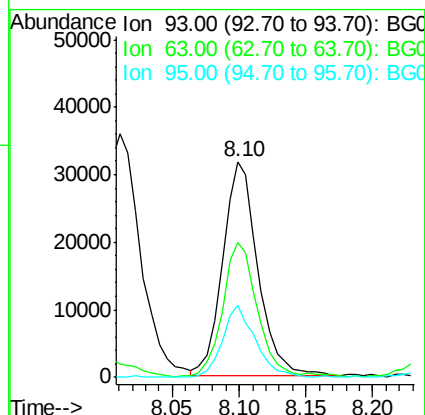
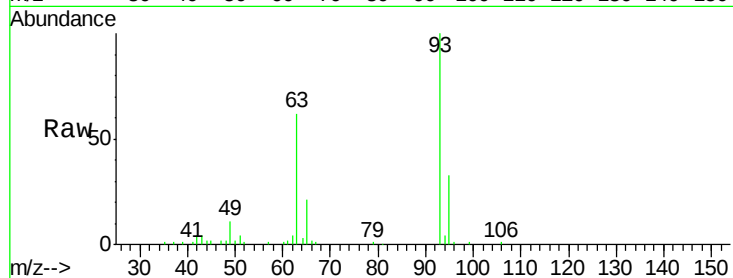




#11
bis(2-Chloroethyl)ether
Concen: 45.606 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG032451.D
Acq: 30 Jan 2018 21:00

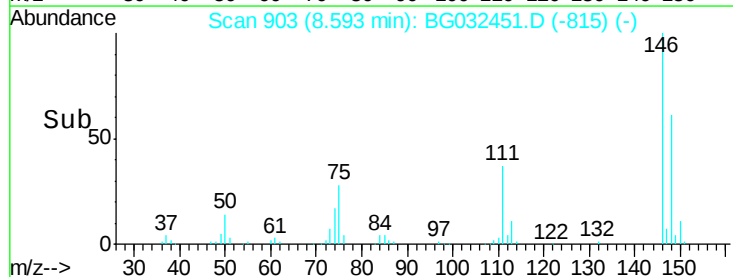
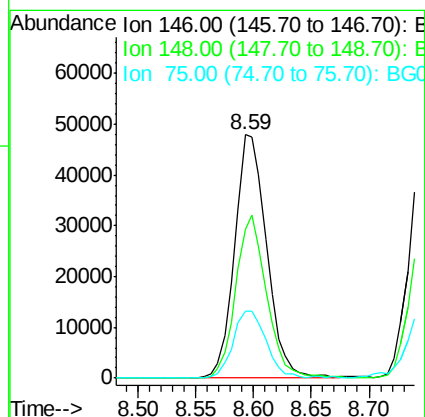
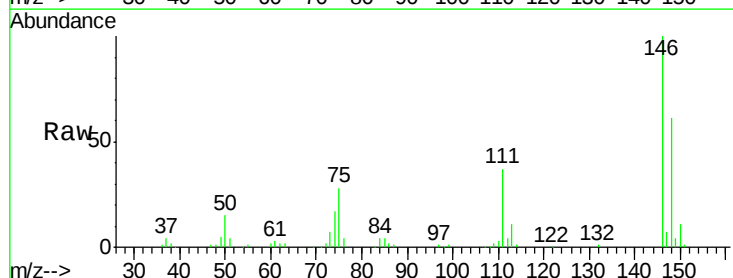
Instrument :
BNA_G
ClientSampleId :
EPE-106-5(100-102)MS

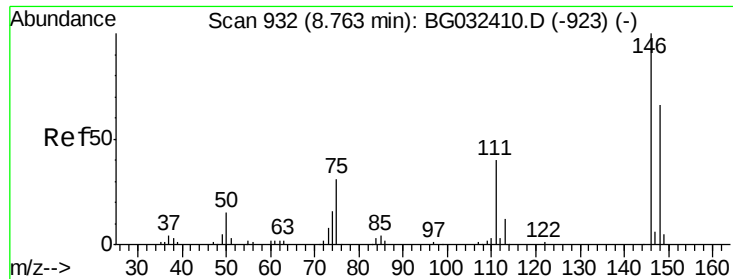
Tgt Ion: 93 Resp: 58186
Ion Ratio Lower Upper
93 100
63 62.3 67.1 107.1#
95 33.1 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 43.608 ng
RT: 8.59 min Scan# 903
Delta R.T. -0.01 min
Lab File: BG032451.D
Acq: 30 Jan 2018 21:00

Tgt Ion: 146 Resp: 92113
Ion Ratio Lower Upper
146 100
148 61.4 51.4 77.2
75 27.6 26.6 39.8

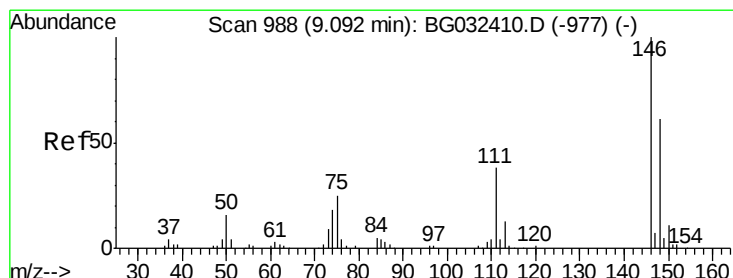
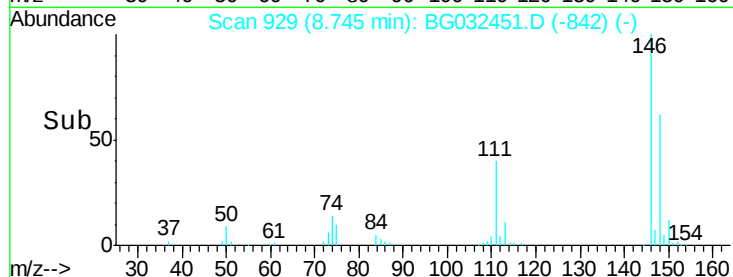
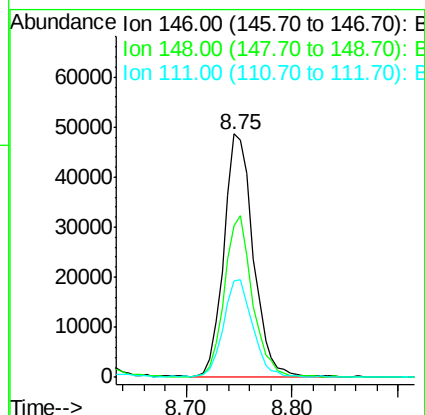
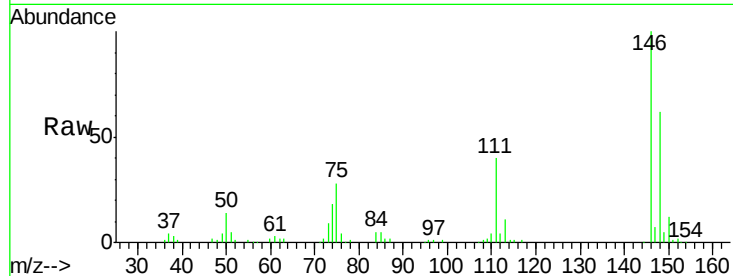




#13
 1,4-Dichlorobenzene
 Concen: 44.571 ng
 RT: 8.75 min Scan# 929
 Delta R.T. -0.02 min
 Lab File: BG032451.D
 Acq: 30 Jan 2018 21:00

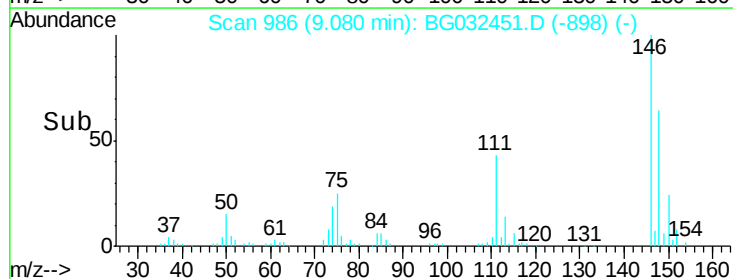
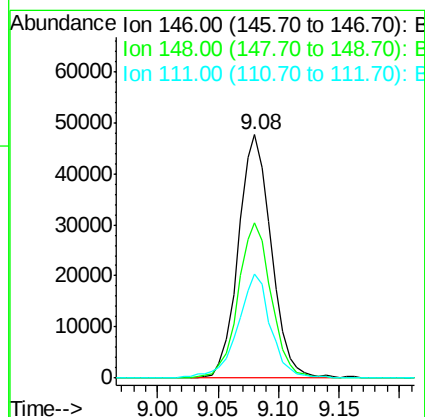
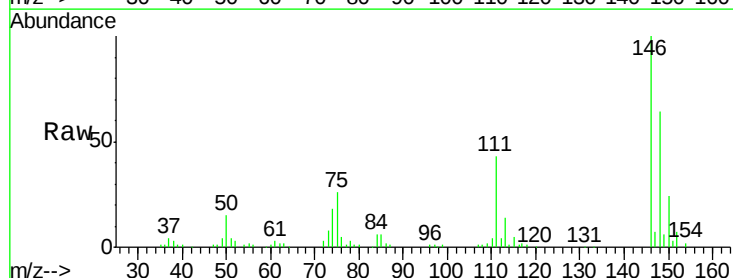
Instrument :
 BNA_G
 ClientSampleId :
 EPE-106-5(100-102)MS

Tgt Ion:146 Resp: 94362
 Ion Ratio Lower Upper
 146 100
 148 62.3 53.7 80.5
 111 39.6 35.2 52.8



#14
 1,2-Dichlorobenzene
 Concen: 43.633 ng
 RT: 9.08 min Scan# 986
 Delta R.T. -0.01 min
 Lab File: BG032451.D
 Acq: 30 Jan 2018 21:00

Tgt Ion:146 Resp: 90492
 Ion Ratio Lower Upper
 146 100
 148 64.0 49.3 73.9
 111 42.7 34.3 51.5





#15

Benzyl Alcohol

Concen: 47.710 ng

RT: 8.95 min Scan# 964

Delta R.T. -0.01 min

Lab File: BG032451.D

Acq: 30 Jan 2018 21:00

Instrument :

BNA_G

ClientSampleId :

EPE-106-5(100-102)MS

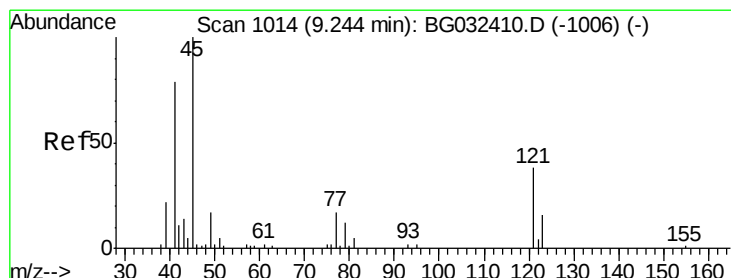
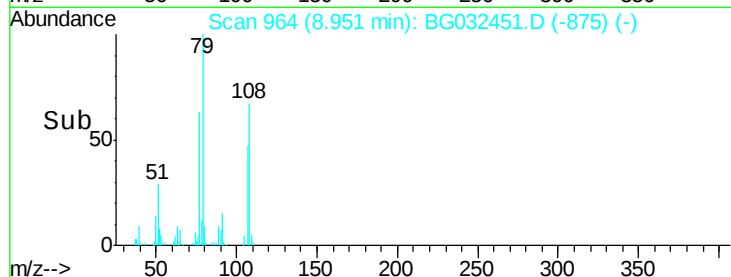
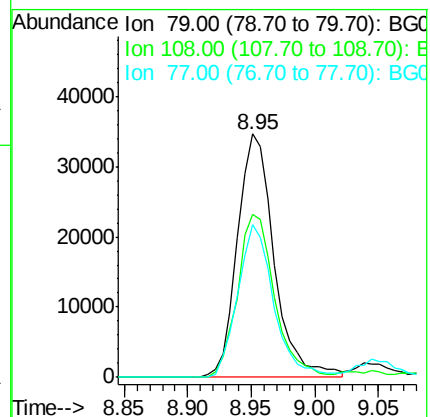
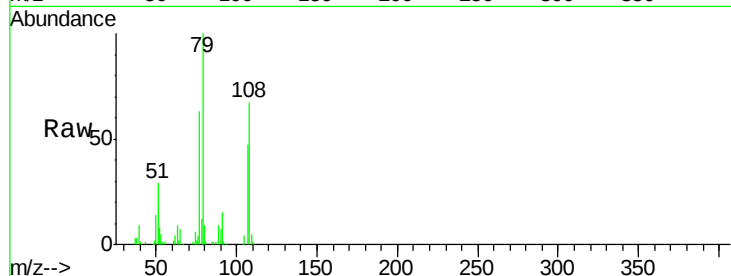
Tgt Ion: 79 Resp: 69332

Ion Ratio Lower Upper

79 100

108 67.0 57.2 85.8

77 62.9 46.1 69.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.121 ng

RT: 9.24 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BG032451.D

Acq: 30 Jan 2018 21:00

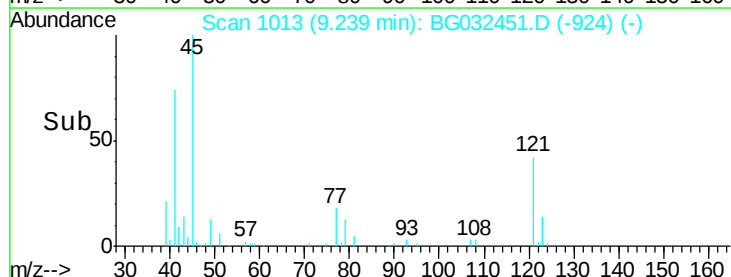
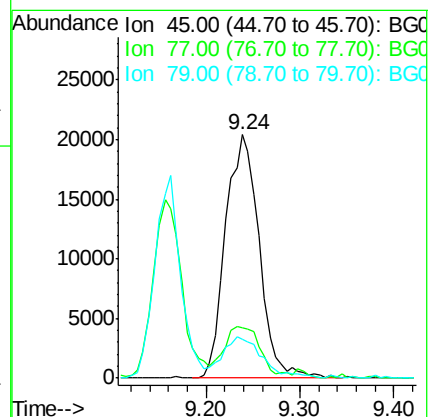
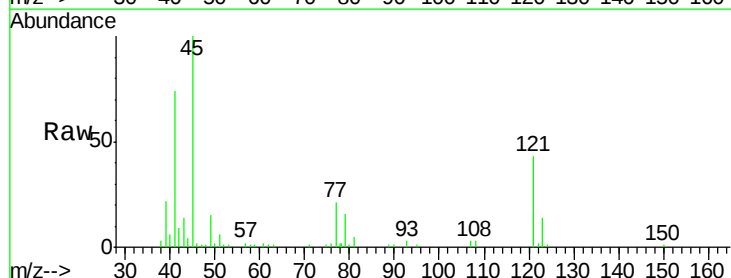
Tgt Ion: 45 Resp: 50923

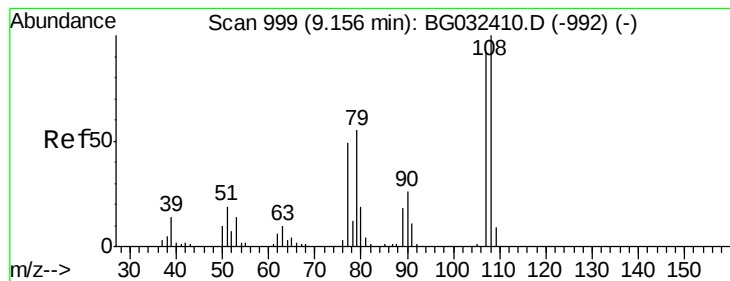
Ion Ratio Lower Upper

45 100

77 20.8 0.0 30.2

79 16.0 0.0 27.9

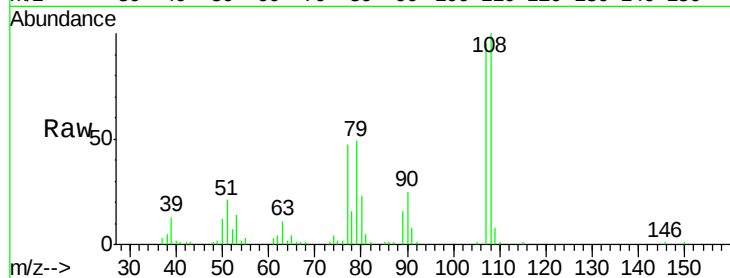




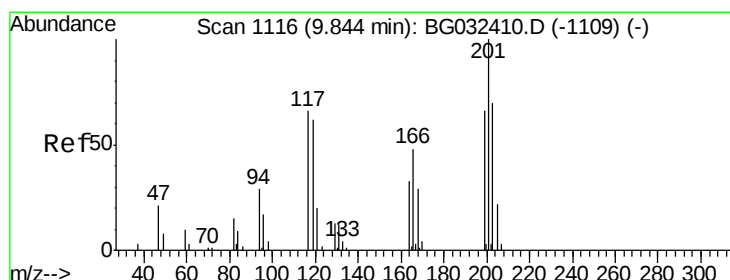
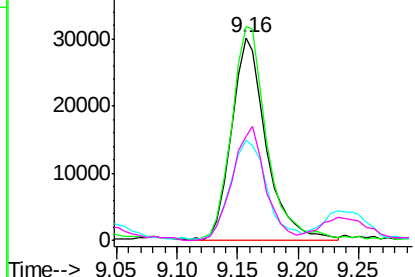
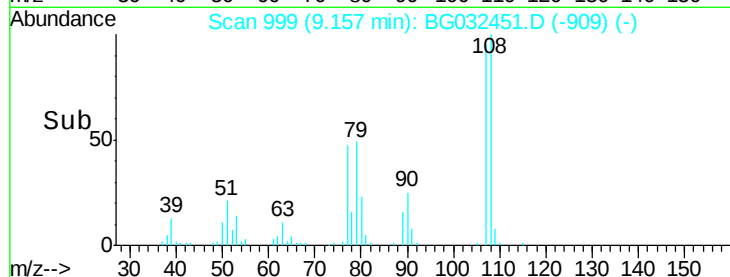
#17
 2-Methylphenol
 Concen: 44.392 ng
 RT: 9.16 min Scan# 999
 Delta R.T. 0.00 min
 Lab File: BG032451.D
 Acq: 30 Jan 2018 21:00

Instrument :
 BNA_G
 ClientSampleId :
 EPE-106-5(100-102)MS

Tgt Ion:107 Resp: 60371
 Ion Ratio Lower Upper
 107 100
 108 105.3 83.9 125.9
 77 49.5 37.2 55.8
 79 51.3 36.2 54.2

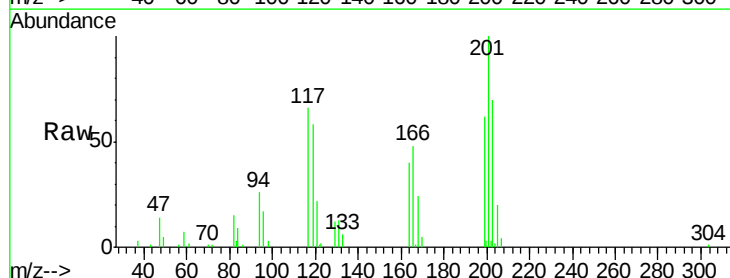


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 77.00 (76.70 to 77.70): BG
 Ion 79.00 (78.70 to 79.70): BG

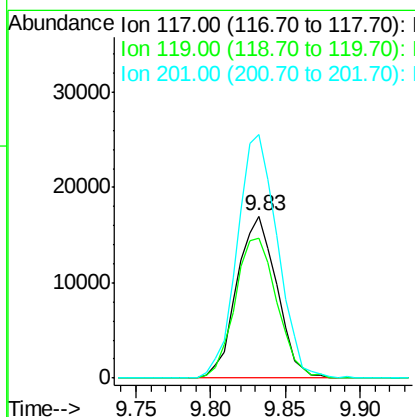
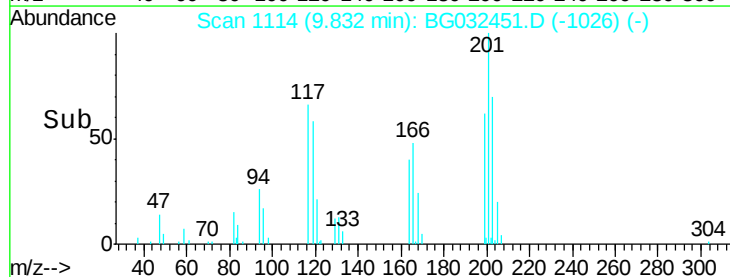


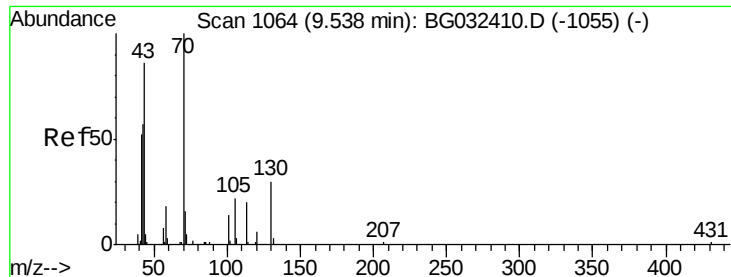
#18
 Hexachloroethane
 Concen: 44.210 ng
 RT: 9.83 min Scan# 1114
 Delta R.T. -0.01 min
 Lab File: BG032451.D
 Acq: 30 Jan 2018 21:00

Tgt Ion:117 Resp: 31425
 Ion Ratio Lower Upper
 117 100
 119 86.8 76.7 115.1
 201 150.5 95.7 143.5#



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

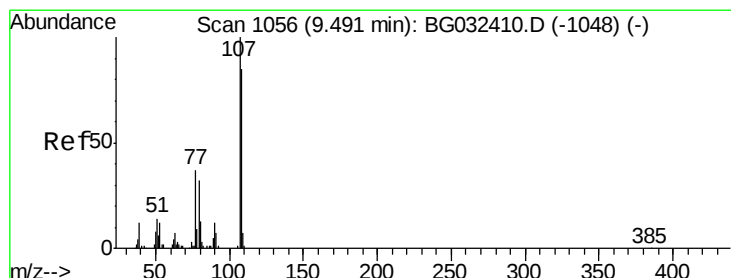
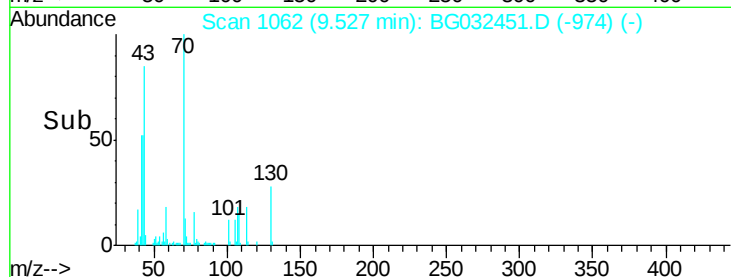
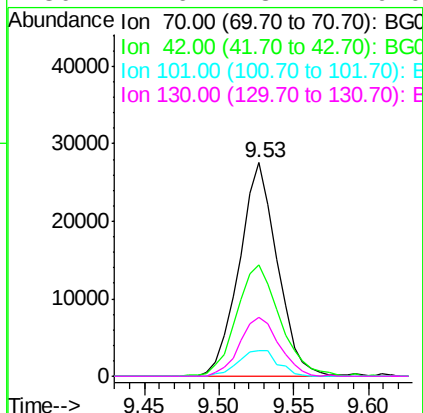
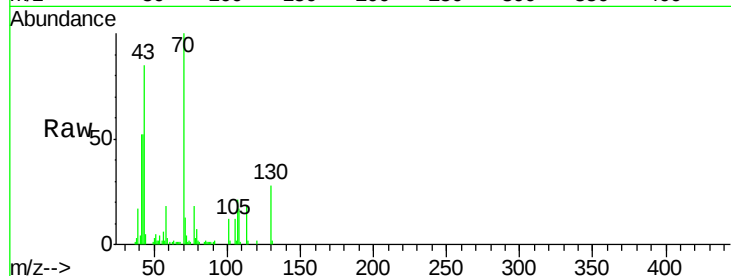




#19
n-Nitroso-di-n-propylamine
Concen: 41.724 ng
RT: 9.53 min Scan# 1062
Delta R.T. -0.01 min
Lab File: BG032451.D
Acq: 30 Jan 2018 21:00

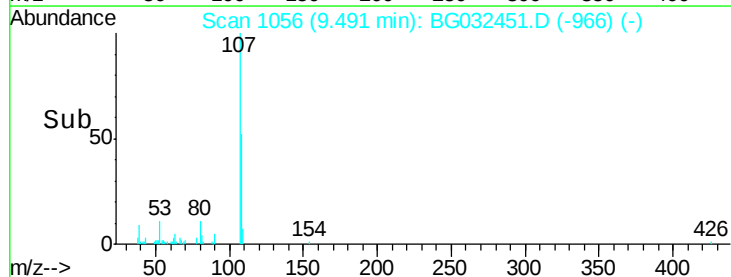
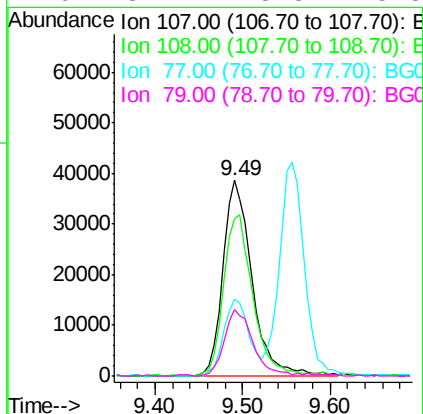
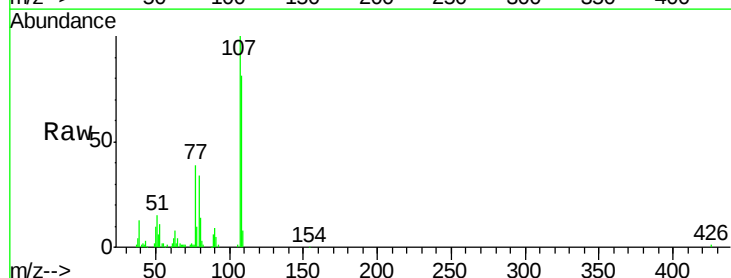
Instrument :
BNA_G
ClientSampleId :
EPE-106-5(100-102)MS

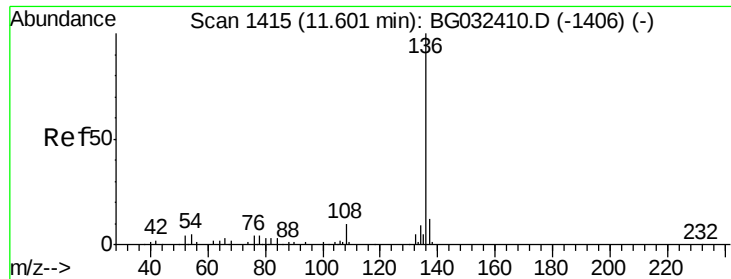
Tgt Ion: 70 Resp: 48780
Ion Ratio Lower Upper
70 100
42 52.1 49.1 73.7
101 11.9 8.5 12.7
130 27.6 13.4 20.0#



#20
3+4-Methylphenols
Concen: 46.223 ng
RT: 9.49 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BG032451.D
Acq: 30 Jan 2018 21:00

Tgt Ion: 107 Resp: 88176
Ion Ratio Lower Upper
107 100
108 80.7 61.6 101.6
77 39.3 13.9 53.9
79 34.4 8.8 48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.59 min Scan# 1414

Delta R.T. -0.01 min

Lab File: BG032451.D

Acq: 30 Jan 2018 21:00

Instrument :

BNA_G

ClientSampleId :

EPE-106-5(100-102)MS

Tgt Ion:136 Resp: 102013

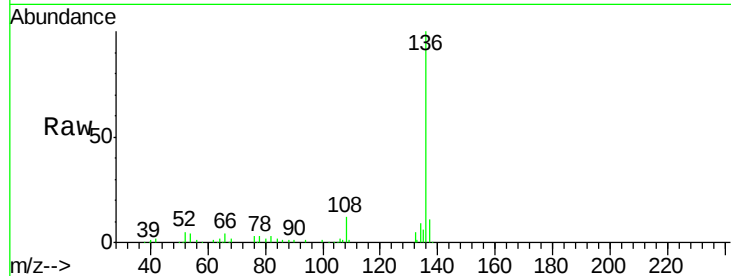
Ion Ratio Lower Upper

136 100

137 11.3 9.2 13.8

54 4.4 10.3 15.5#

68 2.4 4.5 6.7#

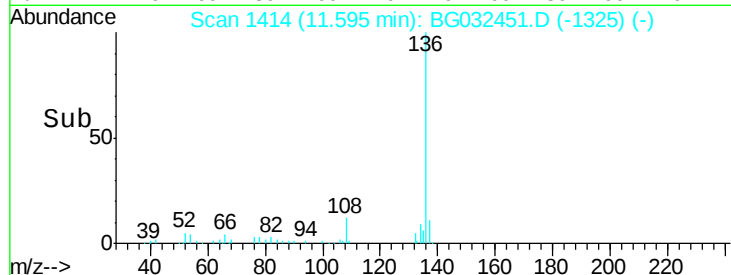


Abundance Ion 136.00 (135.70 to 136.70): E

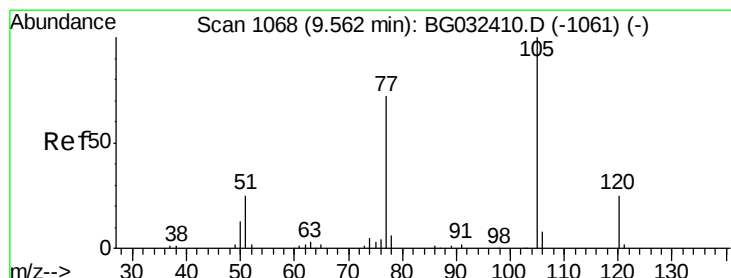
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG



Time--> 11.50 11.60



#22

Acetophenone

Concen: 46.467 ng

RT: 9.55 min Scan# 1066

Delta R.T. -0.01 min

Lab File: BG032451.D

Acq: 30 Jan 2018 21:00

Tgt Ion:105 Resp: 111116

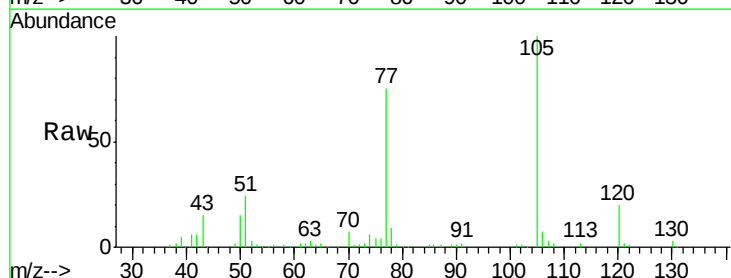
Ion Ratio Lower Upper

105 100

71 1.3 3.0 4.4#

51 23.8 26.1 39.1#

120 20.0 17.4 26.2

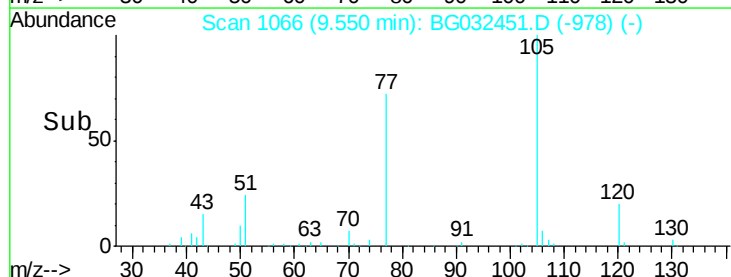


Abundance Ion 105.00 (104.70 to 105.70): E

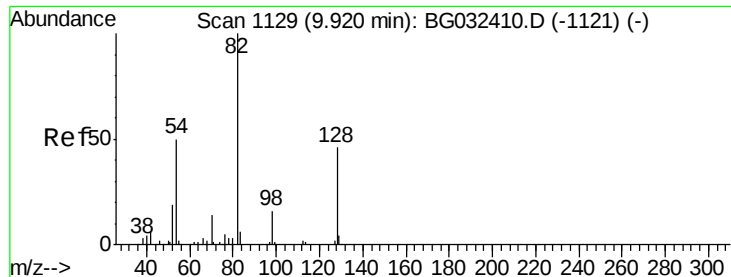
Ion 71.00 (70.70 to 71.70): BG

Ion 51.00 (50.70 to 51.70): BG

Ion 120.00 (119.70 to 120.70): E



Time--> 9.50 9.60



#23

Nitrobenzene-d5

Concen: 102.673 ng

RT: 9.91 min Scan# 1128

Delta R.T. -0.01 min

Lab File: BG032451.D

Acq: 30 Jan 2018 21:00

Instrument :

BNA_G

ClientSampleId :

EPE-106-5(100-102)MS

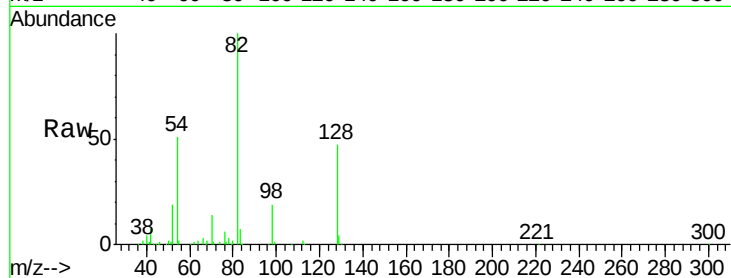
Tgt Ion: 82 Resp: 167690

Ion Ratio Lower Upper

82 100

128 46.9 29.7 44.5#

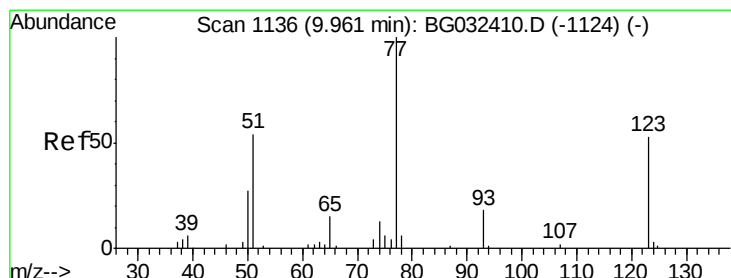
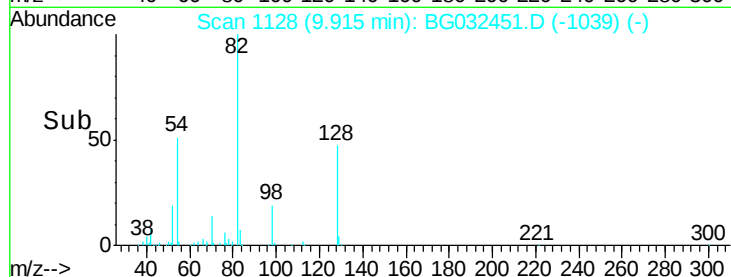
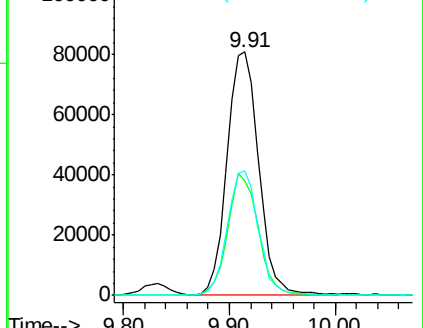
54 51.1 43.1 64.7



Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#24

Nitrobenzene

Concen: 47.439 ng

RT: 9.96 min Scan# 1135

Delta R.T. -0.01 min

Lab File: BG032451.D

Acq: 30 Jan 2018 21:00

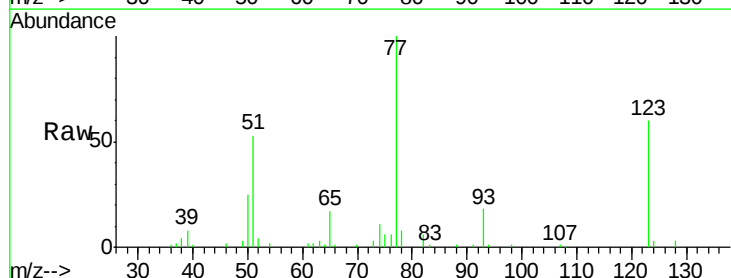
Tgt Ion: 77 Resp: 74921

Ion Ratio Lower Upper

77 100

123 59.7 33.0 49.6#

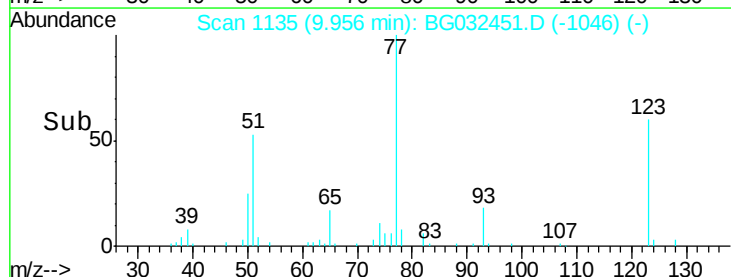
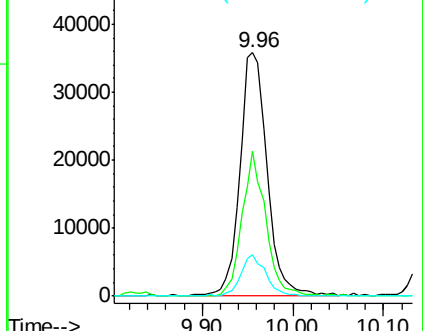
65 17.2 13.0 19.6

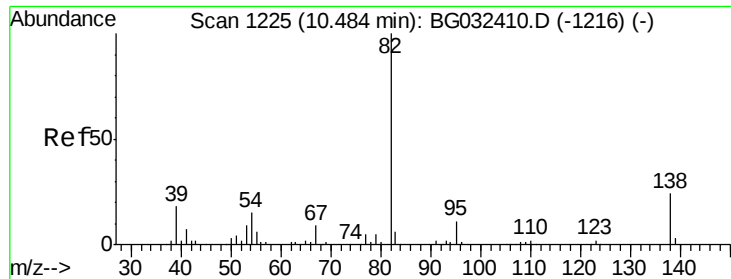


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 50.919 ng

RT: 10.48 min Scan# 1224

Delta R.T. -0.01 min

Lab File: BG032451.D

Acq: 30 Jan 2018 21:00

Instrument :

BNA_G

ClientSampleId :

EPE-106-5(100-102)MS

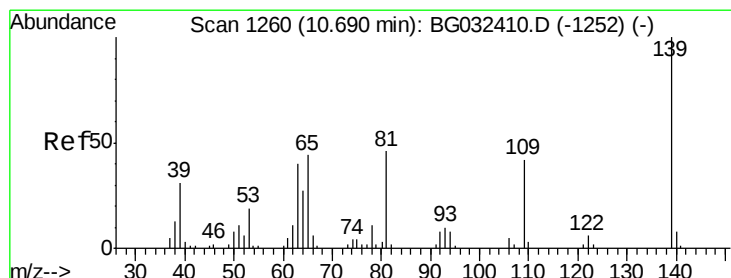
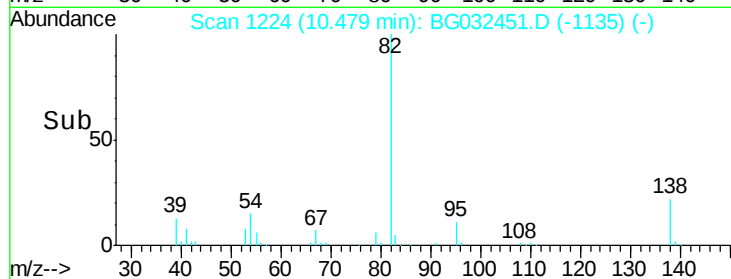
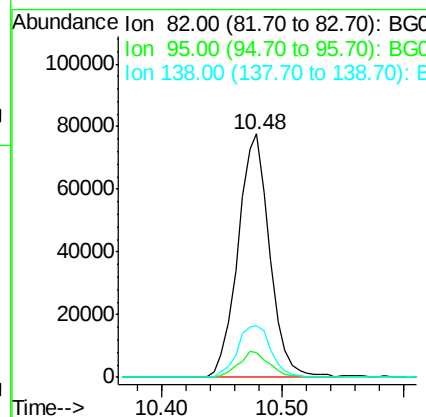
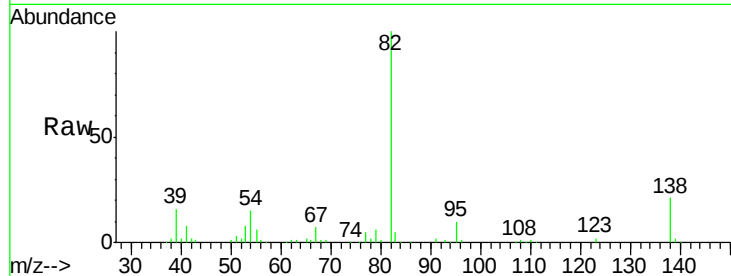
Tgt Ion: 82 Resp: 141605

Ion Ratio Lower Upper

82 100

95 10.2 6.2 9.2#

138 21.3 12.1 18.1#



#26

2-Nitrophenol

Concen: 49.277 ng

RT: 10.68 min Scan# 1258

Delta R.T. -0.01 min

Lab File: BG032451.D

Acq: 30 Jan 2018 21:00

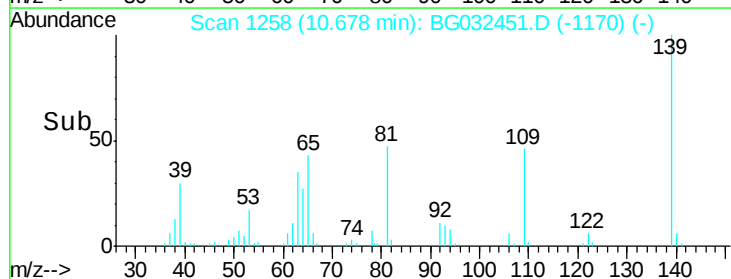
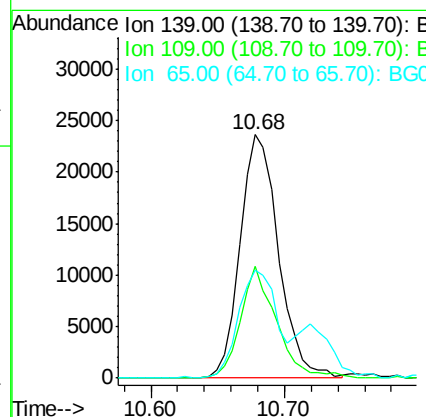
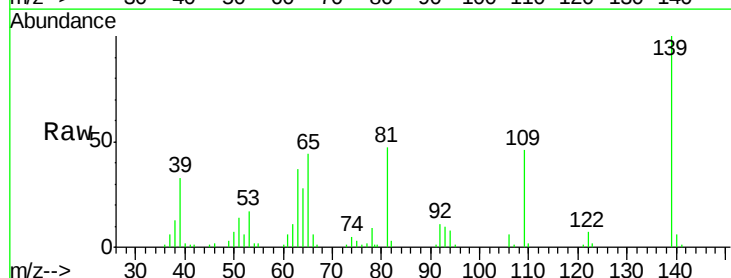
Tgt Ion: 139 Resp: 47044

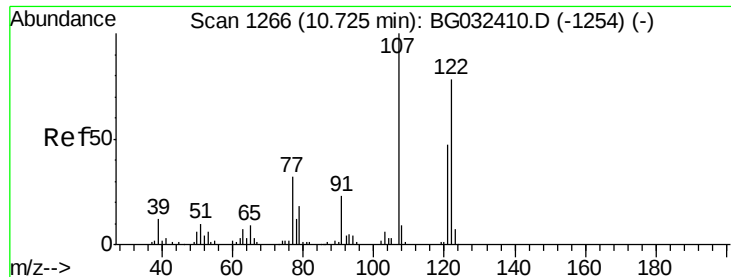
Ion Ratio Lower Upper

139 100

109 46.1 24.2 36.2#

65 44.2 47.4 71.0#

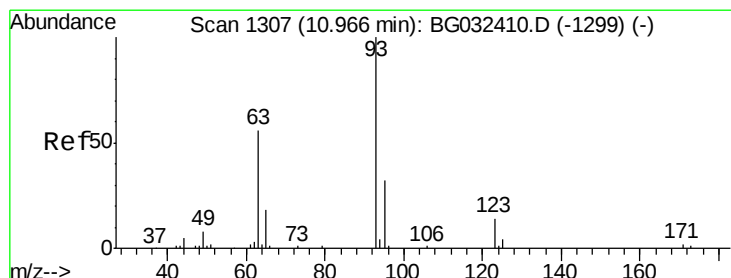
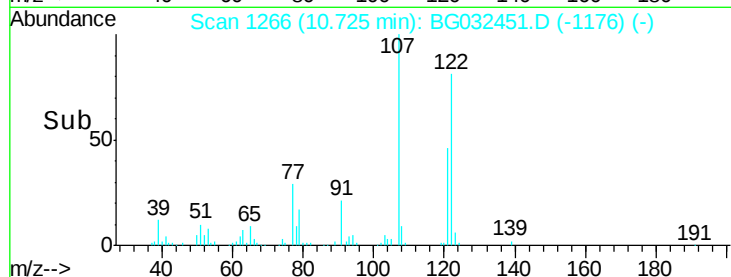
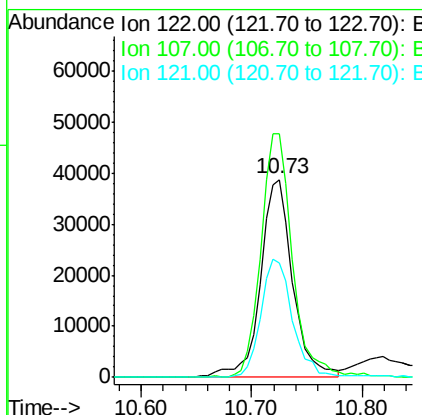
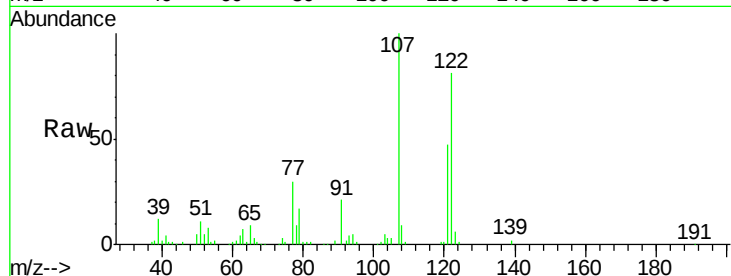




#27
2,4-Dimethylphenol
Concen: 57.656 ng
RT: 10.73 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BG032451.D
Acq: 30 Jan 2018 21:00

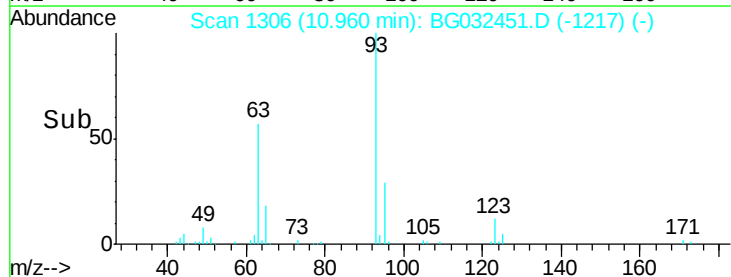
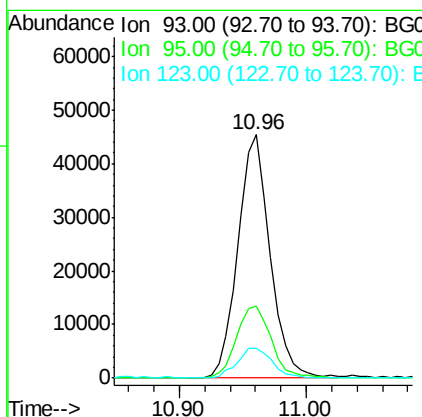
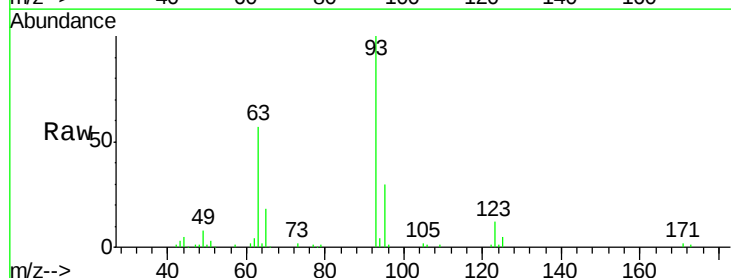
Instrument :
BNA_G
ClientSampleId :
EPE-106-5(100-102)MS

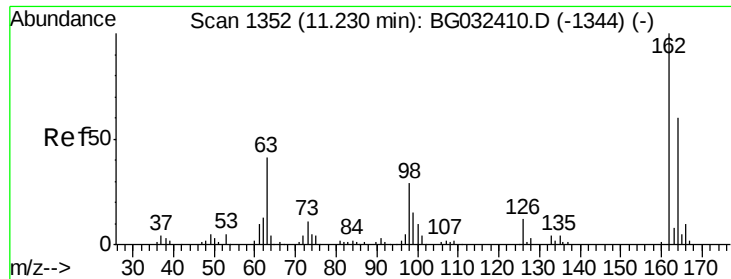
Tgt Ion:122 Resp: 79005
Ion Ratio Lower Upper
122 100
107 123.1 100.2 150.2
121 57.6 44.4 66.6



#28
bis(2-Chloroethoxy)methane
Concen: 52.391 ng
RT: 10.96 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BG032451.D
Acq: 30 Jan 2018 21:00

Tgt Ion: 93 Resp: 79895
Ion Ratio Lower Upper
93 100
95 29.7 24.3 36.5
123 12.4 8.4 12.6

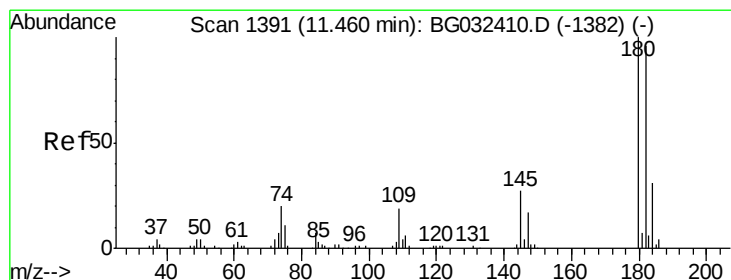
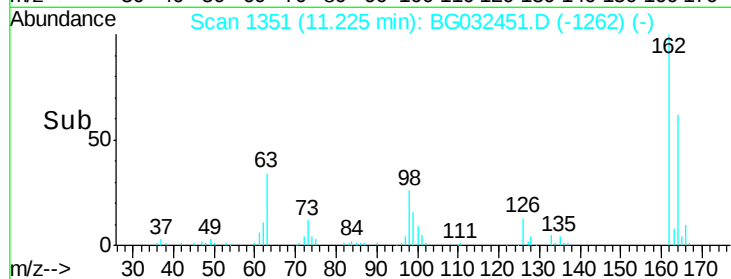
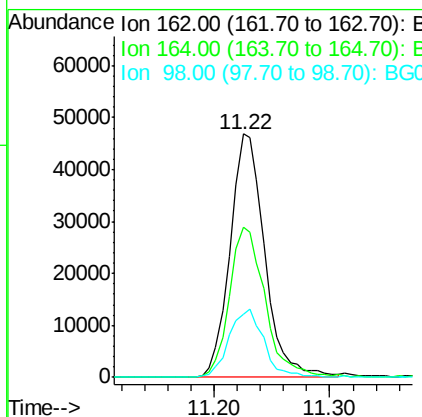
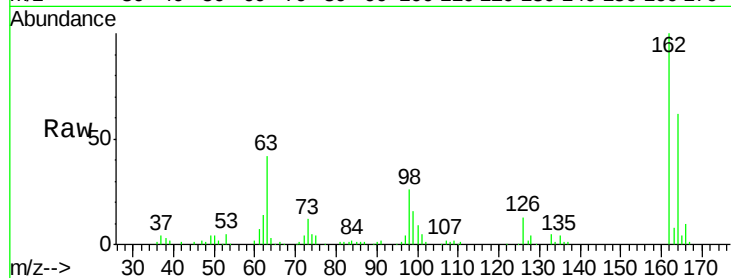




#29
2,4-Dichlorophenol
Concen: 53.595 ng
RT: 11.22 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BG032451.D
Acq: 30 Jan 2018 21:00

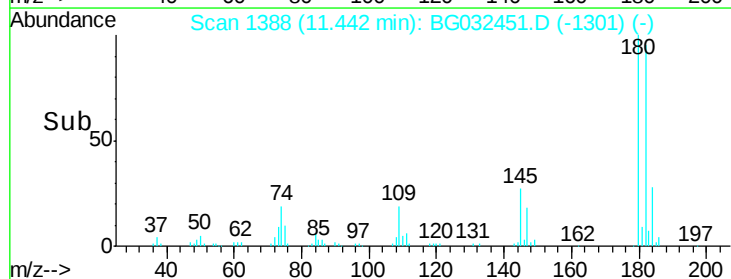
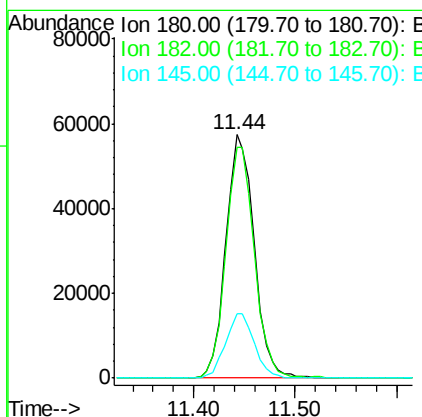
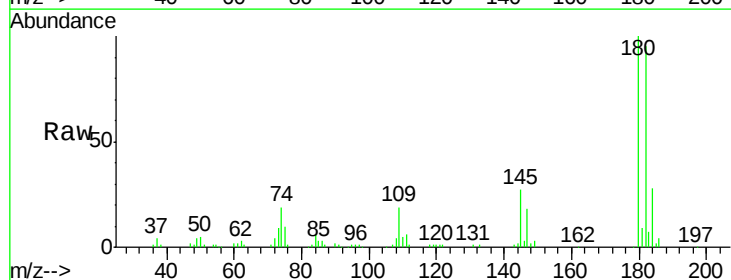
Instrument :
BNA_G
ClientSampleId :
EPE-106-5(100-102)MS

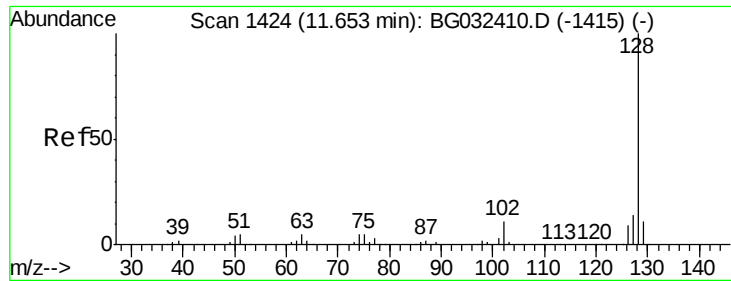
Tgt Ion:162 Resp: 97288
Ion Ratio Lower Upper
162 100
164 61.5 48.0 88.0
98 26.1 21.1 61.1



#30
1,2,4-Trichlorobenzene
Concen: 45.857 ng
RT: 11.44 min Scan# 1388
Delta R.T. -0.02 min
Lab File: BG032451.D
Acq: 30 Jan 2018 21:00

Tgt Ion:180 Resp: 110945
Ion Ratio Lower Upper
180 100
182 94.7 77.5 116.3
145 26.6 23.4 35.2

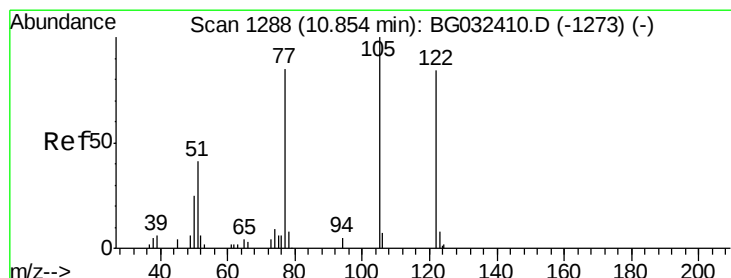
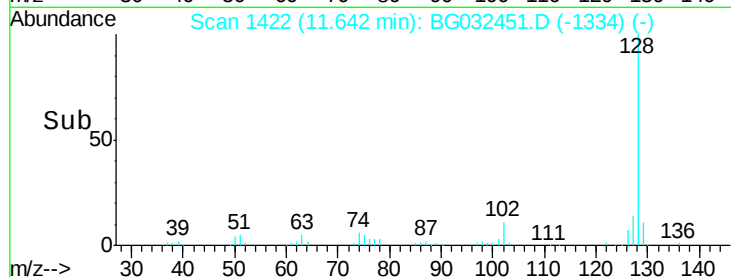
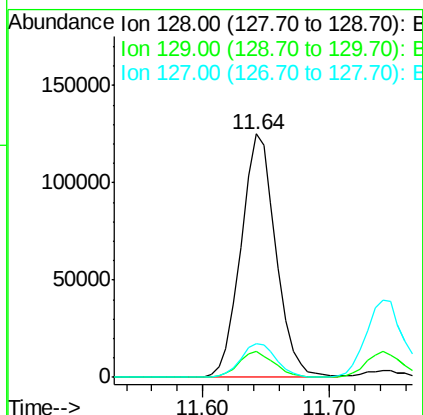
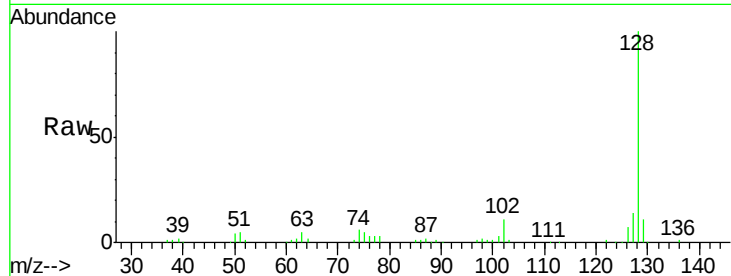




#31
Naphthalene
Concen: 47.918 ng
RT: 11.64 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BG032451.D
Acq: 30 Jan 2018 21:00

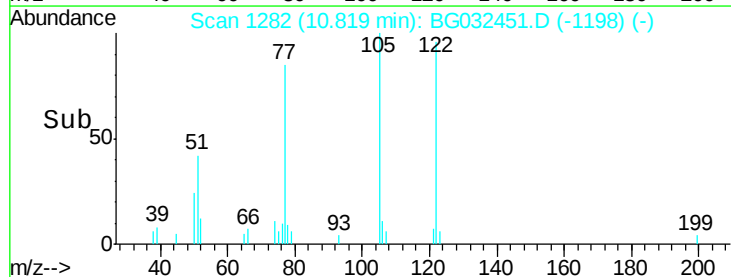
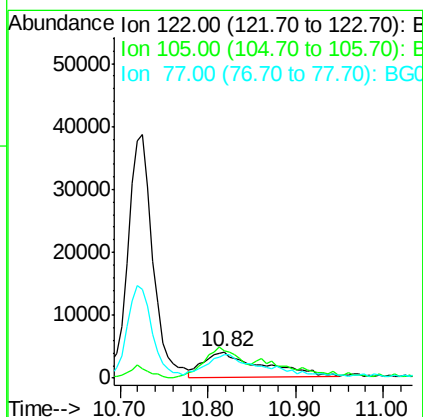
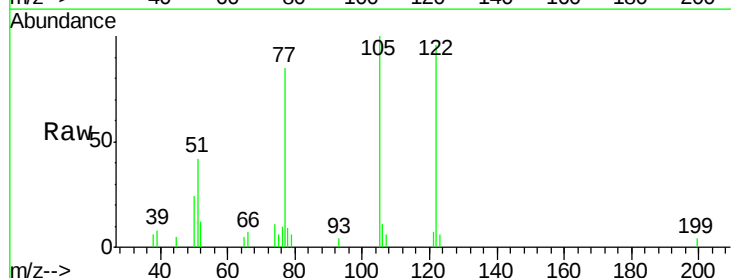
Instrument :
BNA_G
ClientSampleId :
EPE-106-5(100-102)MS

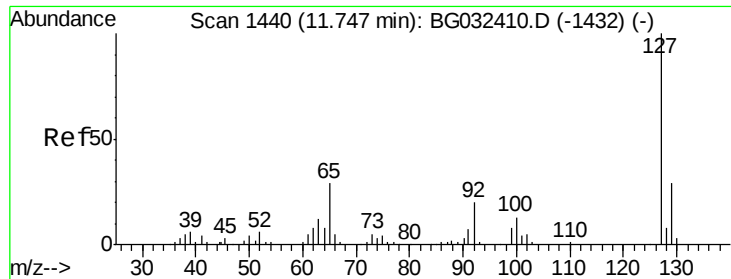
Tgt Ion:128 Resp: 238748
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 13.8 11.6 17.4



#32
Benzoic acid
Concen: 22.107 ng
RT: 10.82 min Scan# 1282
Delta R.T. -0.04 min
Lab File: BG032451.D
Acq: 30 Jan 2018 21:00

Tgt Ion:122 Resp: 17863
Ion Ratio Lower Upper
122 100
105 103.9 123.5 163.5#
77 88.2 85.7 125.7

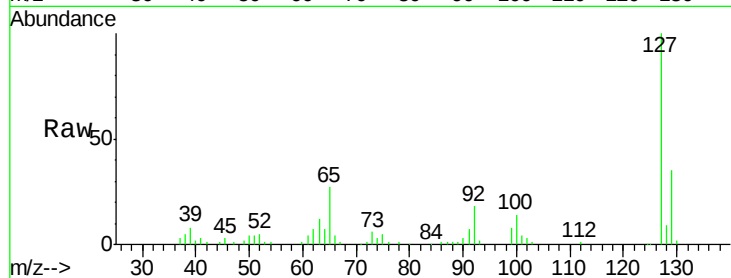




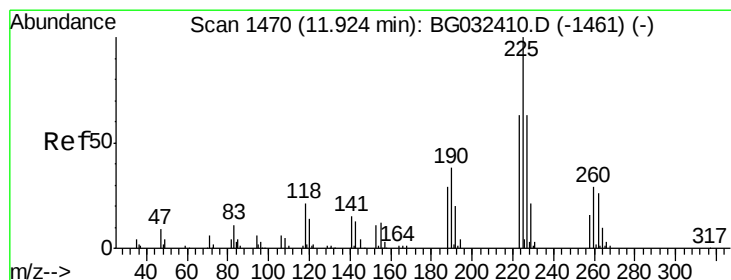
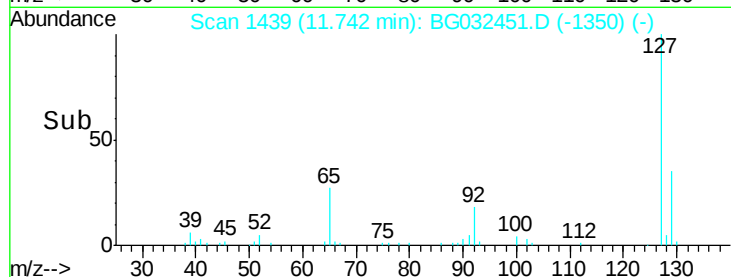
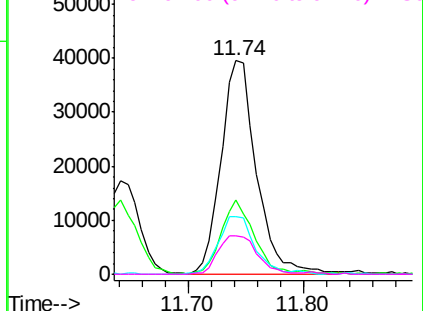
#33
4-Chloroaniline
Concen: 37.953 ng
RT: 11.74 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BG032451.D
Acq: 30 Jan 2018 21:00

Instrument :
BNA_G
ClientSampleId :
EPE-106-5(100-102)MS

Tgt Ion:	127	Resp:	84340
Ion	Ratio	Lower	Upper
127	100		
129	34.6	24.0	36.0
65	26.7	27.0	40.4#
92	18.0	16.6	25.0

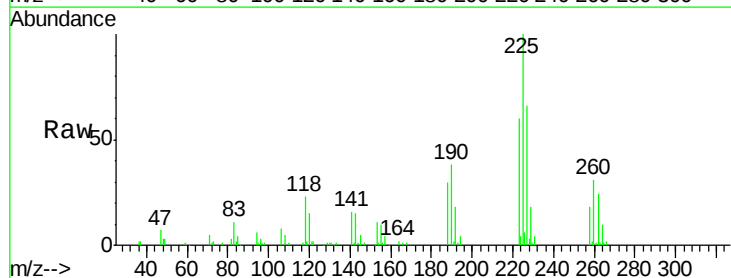


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

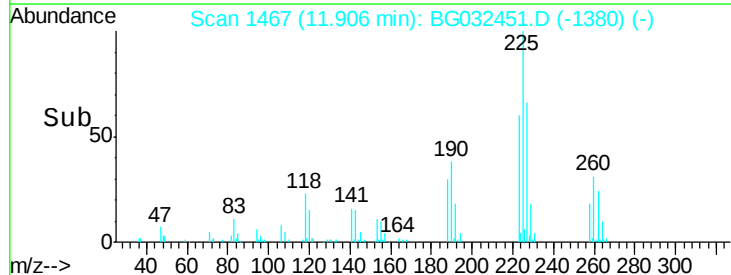
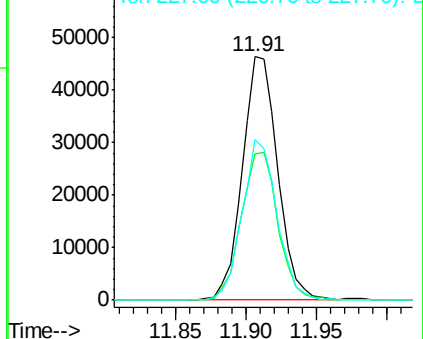


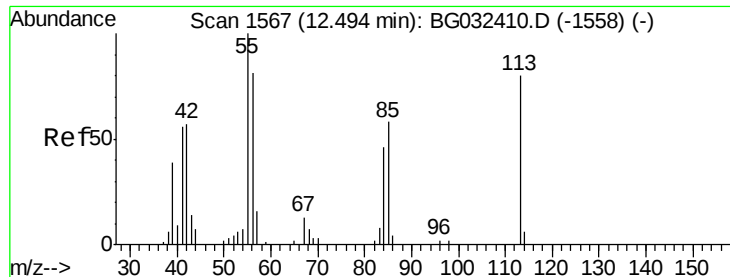
#34
Hexachlorobutadiene
Concen: 43.287 ng
RT: 11.91 min Scan# 1467
Delta R.T. -0.02 min
Lab File: BG032451.D
Acq: 30 Jan 2018 21:00

Tgt Ion:	225	Resp:	81482
Ion	Ratio	Lower	Upper
225	100		
223	60.2	49.7	74.5
227	65.8	48.1	72.1



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: 53.385 ng

RT: 12.49 min Scan# 1567

Delta R.T. 0.00 min

Lab File: BG032451.D

Acq: 30 Jan 2018 21:00

Instrument :

BNA_G

ClientSampleId :

EPE-106-5(100-102)MS

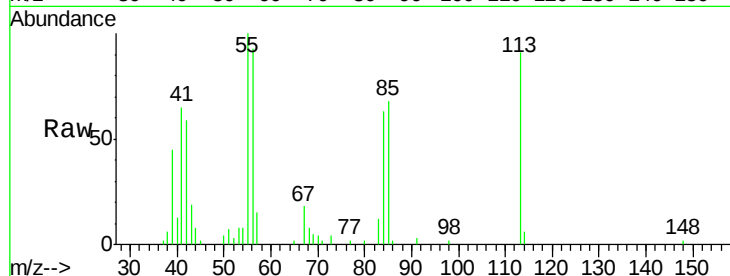
Tgt Ion:113 Resp: 27819

Ion Ratio Lower Upper

113 100

55 109.4 186.9 226.9#

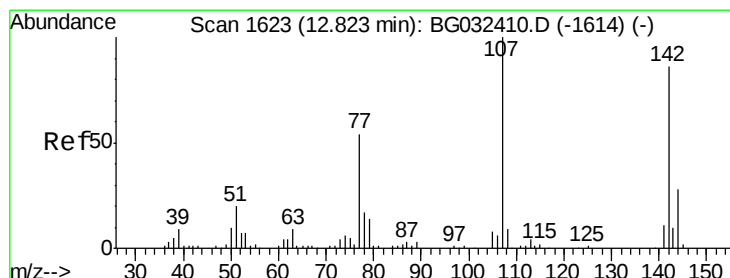
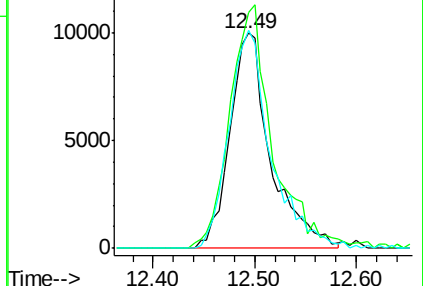
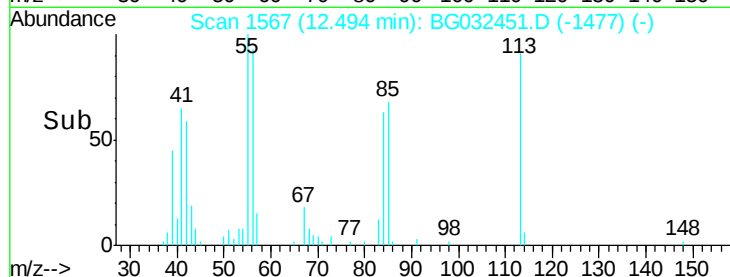
56 101.3 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 53.309 ng

RT: 12.83 min Scan# 1624

Delta R.T. 0.01 min

Lab File: BG032451.D

Acq: 30 Jan 2018 21:00

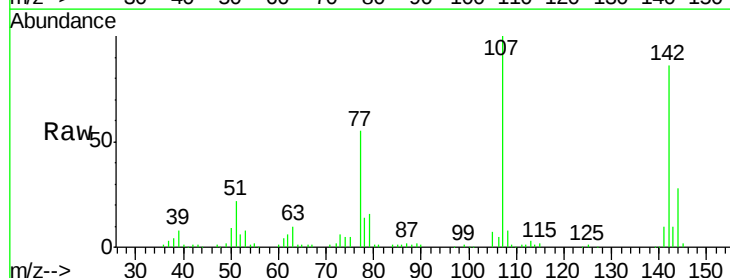
Tgt Ion:107 Resp: 91790

Ion Ratio Lower Upper

107 100

144 28.1 18.2 27.4#

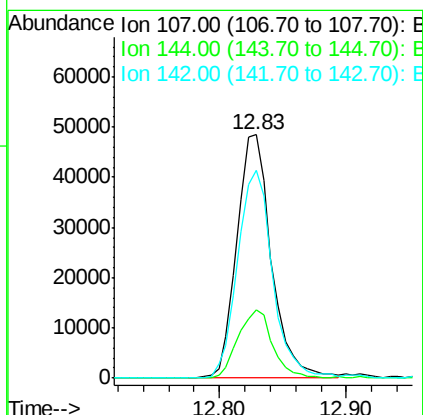
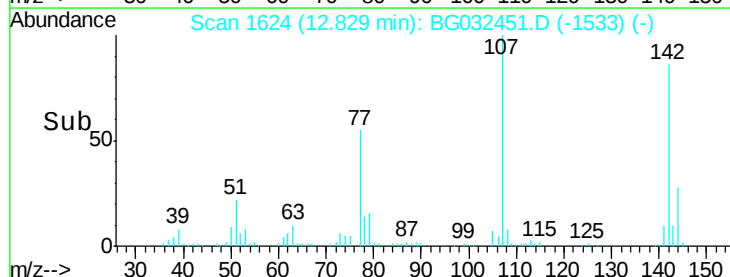
142 85.5 59.0 88.4

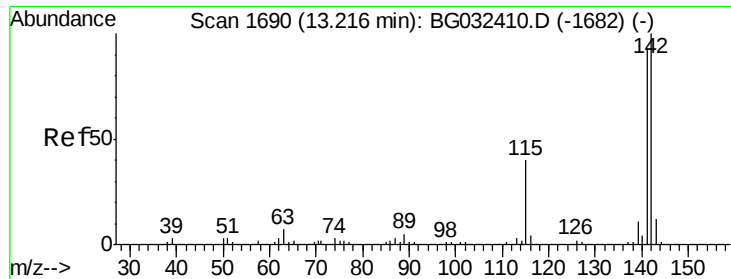


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

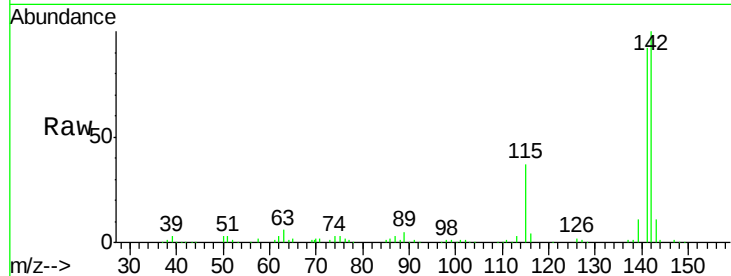




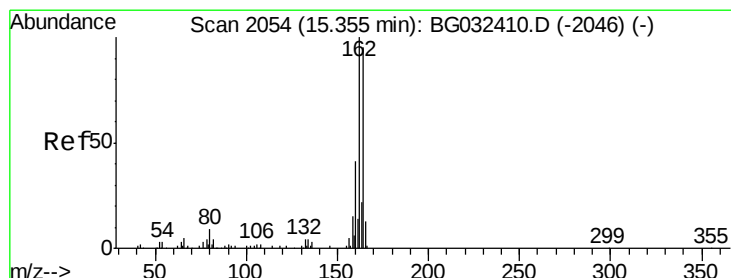
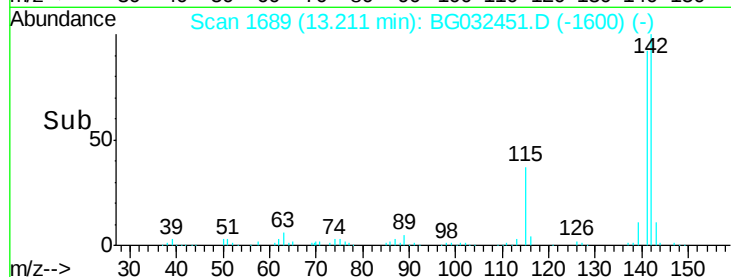
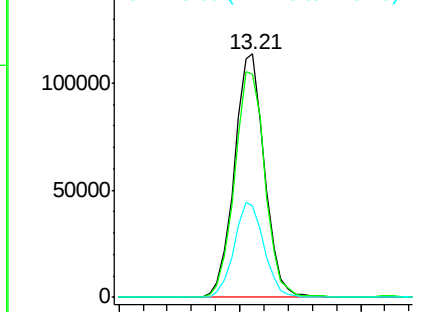
#37
2-Methylnaphthalene
Concen: 47.136 ng
RT: 13.21 min Scan# 1689
Delta R.T. -0.01 min
Lab File: BG032451.D
Acq: 30 Jan 2018 21:00

Instrument :
BNA_G
ClientSampleId :
EPE-106-5(100-102)MS

Tgt Ion:142 Resp: 197299
Ion Ratio Lower Upper
142 100
141 91.6 67.1 100.7
115 37.4 30.7 46.1

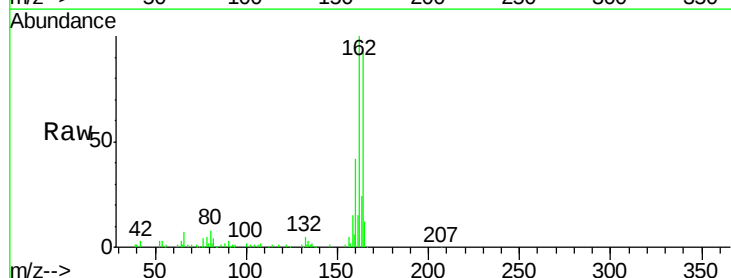


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

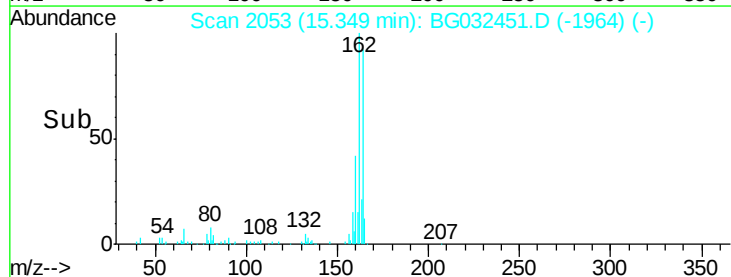
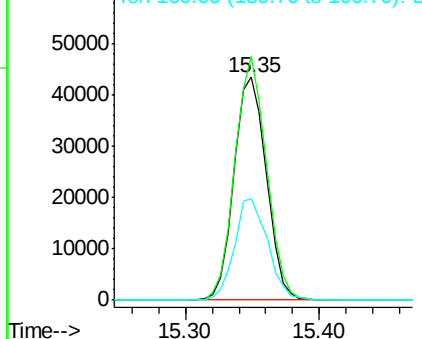


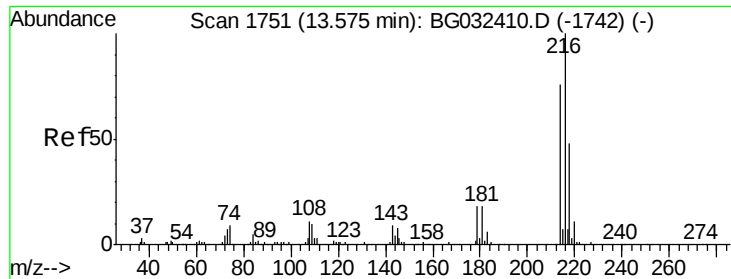
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.35 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BG032451.D
Acq: 30 Jan 2018 21:00

Tgt Ion:164 Resp: 73106
Ion Ratio Lower Upper
164 100
162 109.2 78.8 118.2
160 45.5 35.4 53.0



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.936 ng

RT: 13.56 min Scan# 1749

Delta R.T. -0.01 min

Lab File: BG032451.D

Acq: 30 Jan 2018 21:00

Instrument :

BNA_G

ClientSampleId :

EPE-106-5(100-102)MS

Tgt Ion:216 Resp: 153685

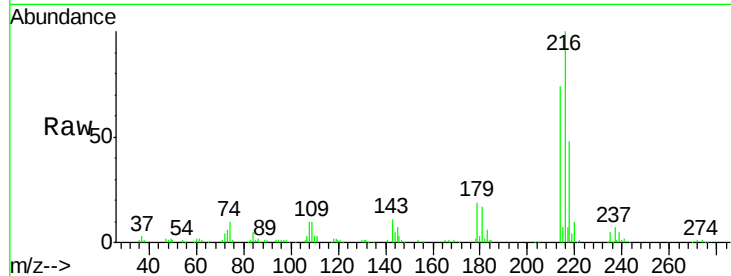
Ion Ratio Lower Upper

216 100

214 76.5 63.0 94.4

179 18.6 17.0 25.6

108 12.7 12.8 19.2#

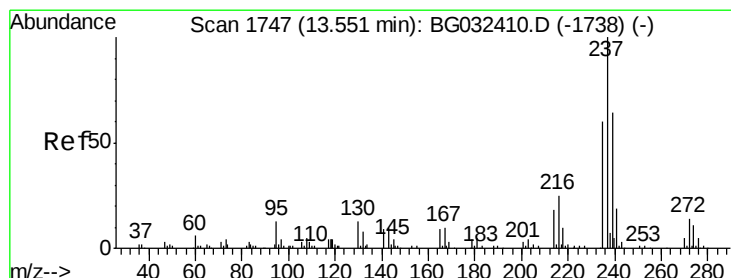
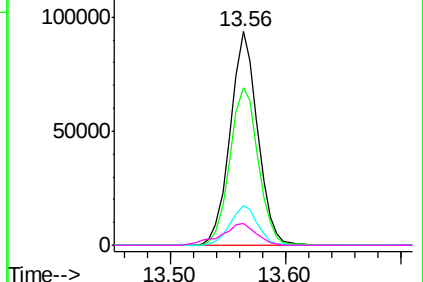
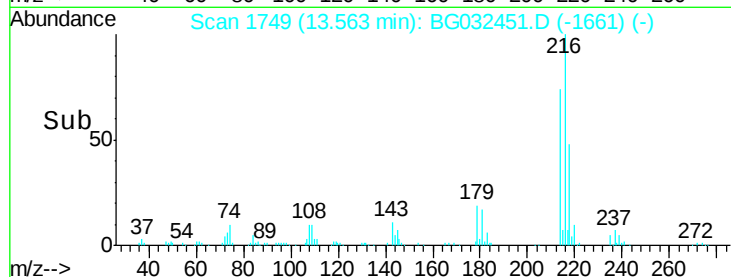


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 85.539 ng

RT: 13.54 min Scan# 1745

Delta R.T. -0.01 min

Lab File: BG032451.D

Acq: 30 Jan 2018 21:00

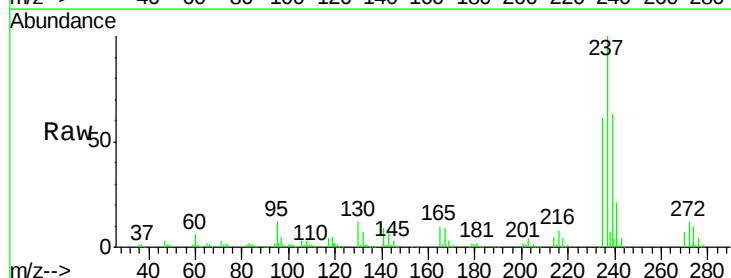
Tgt Ion:237 Resp: 182790

Ion Ratio Lower Upper

237 100

235 61.0 50.4 90.4

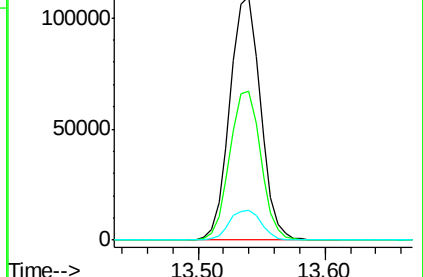
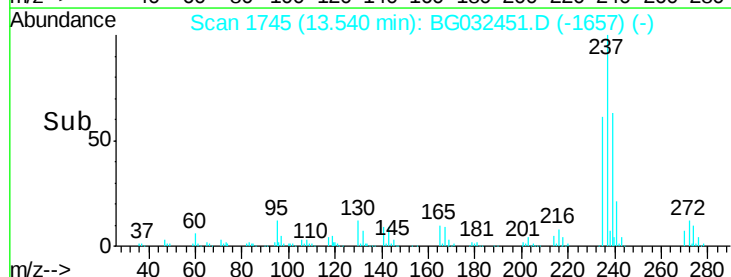
272 12.4 0.0 31.8

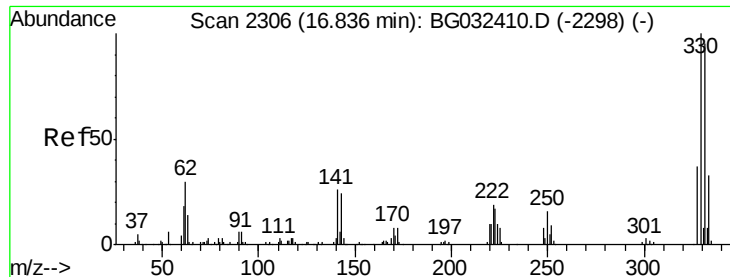


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

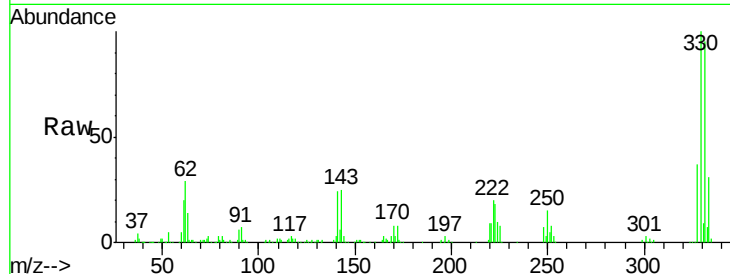




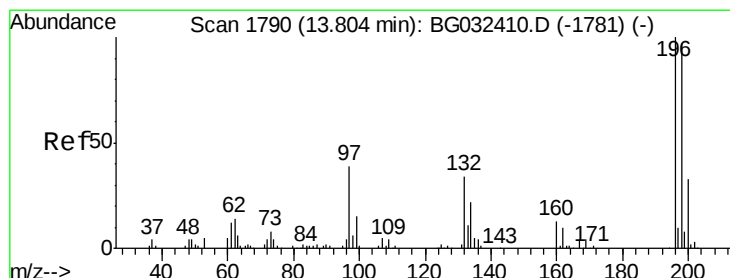
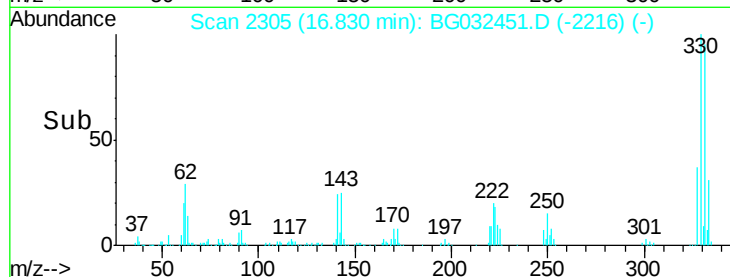
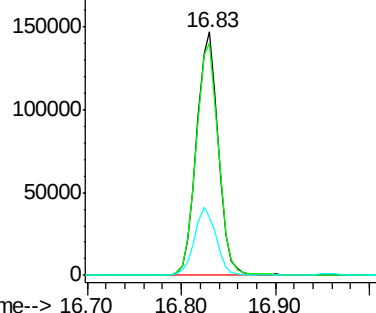
#41
 2,4,6-Tribromophenol
 Concen: 169.920 ng
 RT: 16.83 min Scan# 2305
 Delta R.T. -0.01 min
 Lab File: BG032451.D
 Acq: 30 Jan 2018 21:00

Instrument :
 BNA_G
 ClientSampleId :
 EPE-106-5(100-102)MS

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.2	77.0	115.6
141	28.1	25.2	37.8

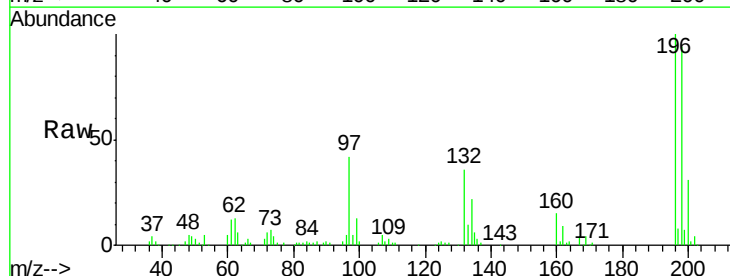


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

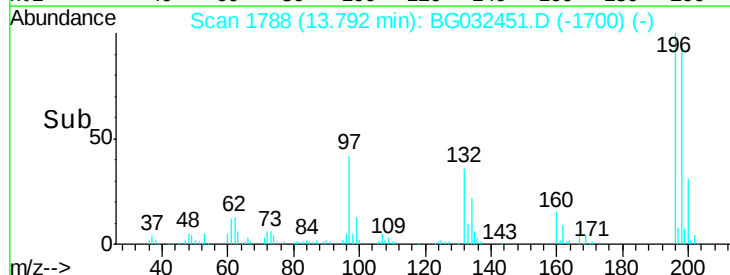
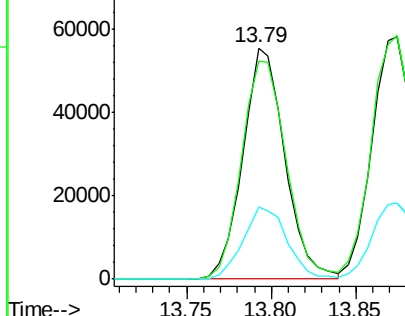


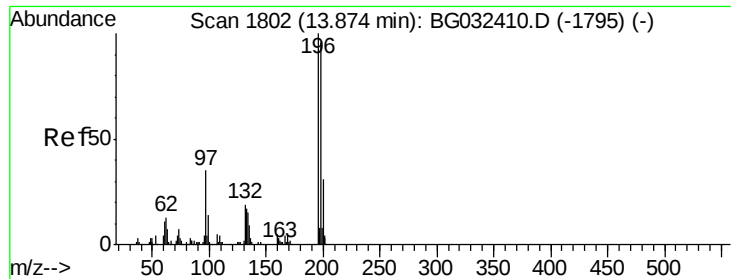
#42
 2,4,6-Trichlorophenol
 Concen: 51.648 ng
 RT: 13.79 min Scan# 1788
 Delta R.T. -0.01 min
 Lab File: BG032451.D
 Acq: 30 Jan 2018 21:00

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.2	78.2	117.2
200	31.2	24.6	36.8



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

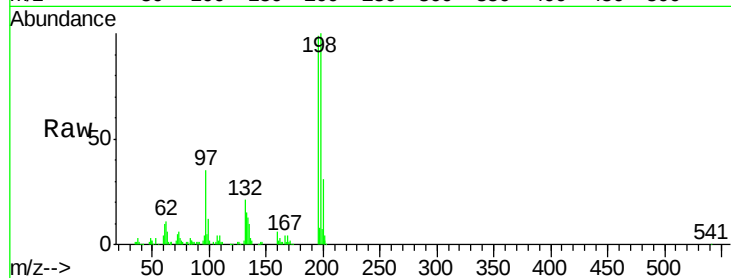




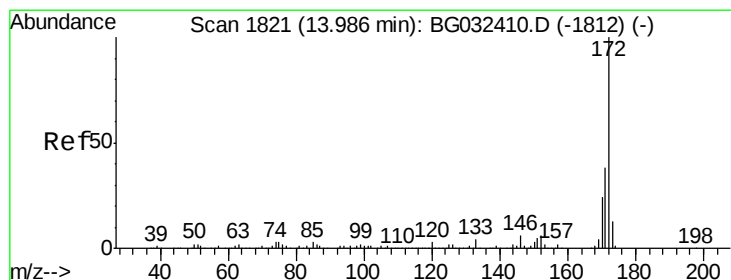
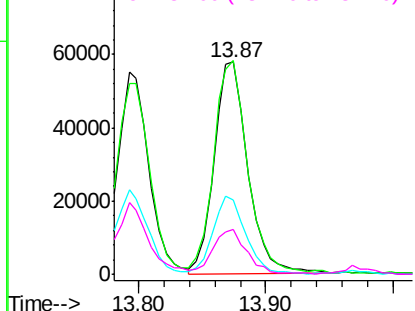
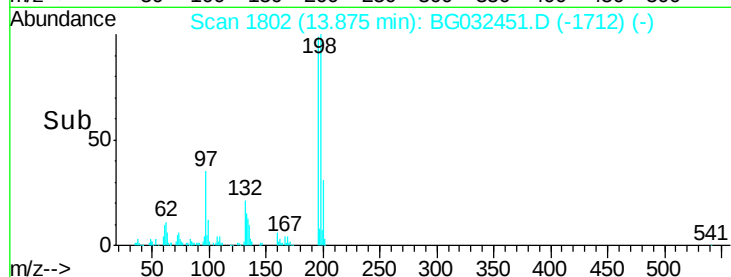
#43
2,4,5-Trichlorophenol
Concen: 49.105 ng
RT: 13.87 min Scan# 1802
Delta R.T. 0.00 min
Lab File: BG032451.D
Acq: 30 Jan 2018 21:00

Instrument :
BNA_G
ClientSampleId :
EPE-106-5(100-102)MS

Tgt Ion:196 Resp: 106491
Ion Ratio Lower Upper
196 100
198 100.7 76.2 114.4
97 35.2 38.7 58.1#
132 20.9 20.2 30.2

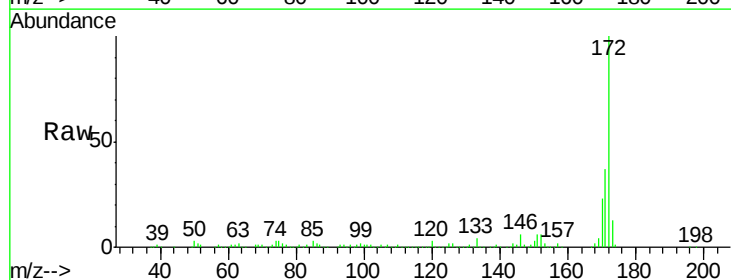


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BGC
Ion 132.00 (131.70 to 132.70): E

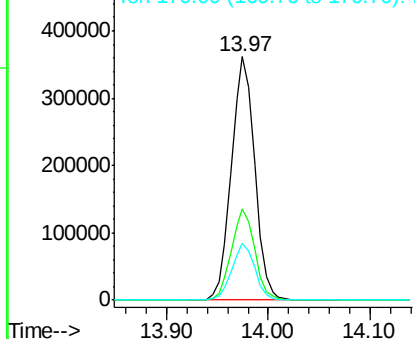
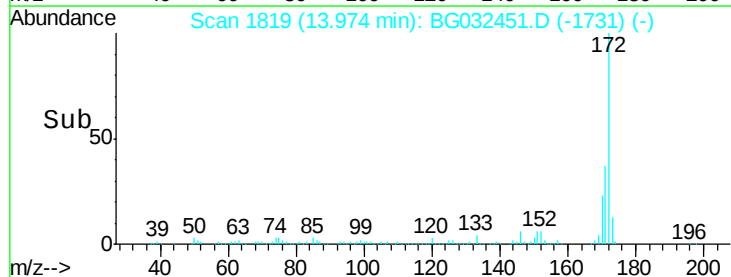


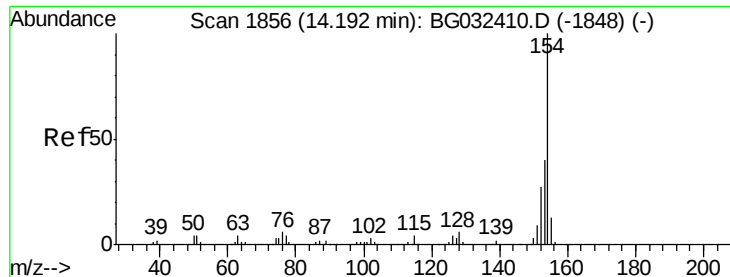
#44
2-Fluorobiphenyl
Concen: 93.736 ng
RT: 13.97 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BG032451.D
Acq: 30 Jan 2018 21:00

Tgt Ion:172 Resp: 576548
Ion Ratio Lower Upper
172 100
171 37.3 30.0 45.0
170 23.2 19.5 29.3



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

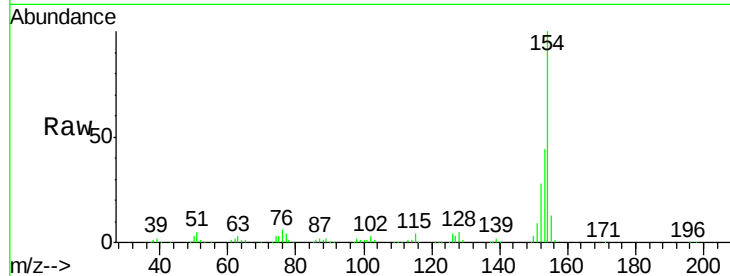




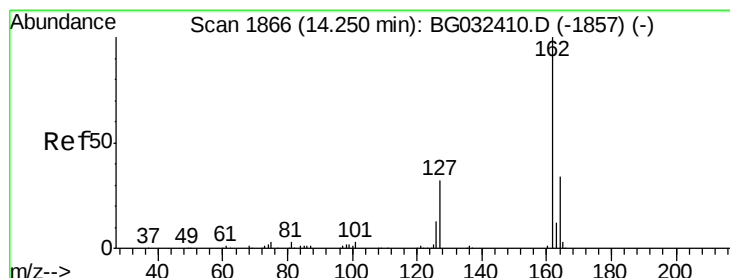
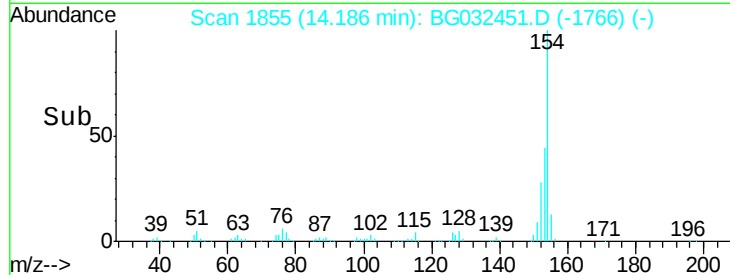
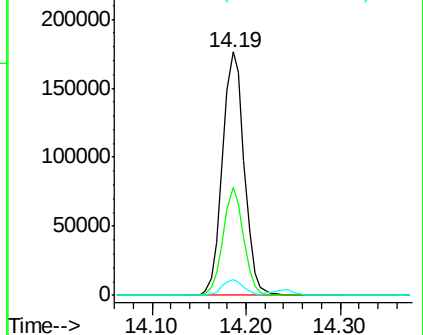
#45
 1,1'-Biphenyl
 Concen: 46.038 ng
 RT: 14.19 min Scan# 1855
 Delta R.T. -0.01 min
 Lab File: BG032451.D
 Acq: 30 Jan 2018 21:00

Instrument :
 BNA_G
 ClientSampleId :
 EPE-106-5(100-102)MS

Tgt Ion:154 Resp: 284349
 Ion Ratio Lower Upper
 154 100
 153 44.1 19.8 59.8
 76 6.5 0.0 31.9

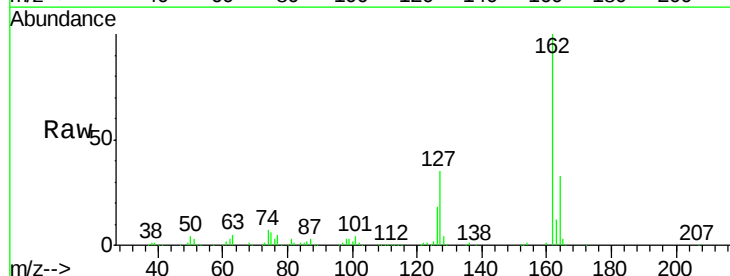


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

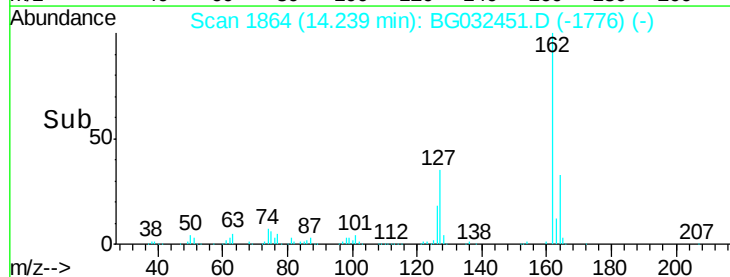
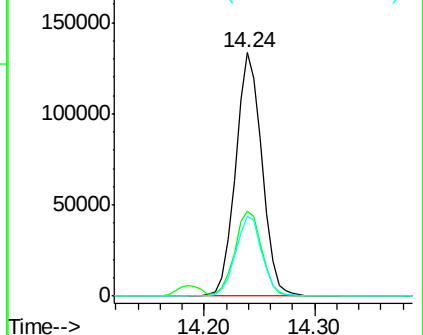


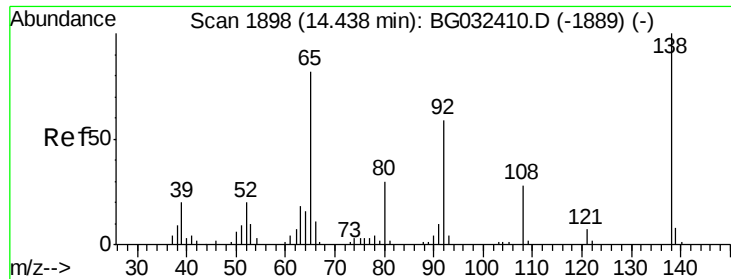
#46
 2-Chloronaphthalene
 Concen: 45.957 ng
 RT: 14.24 min Scan# 1864
 Delta R.T. -0.01 min
 Lab File: BG032451.D
 Acq: 30 Jan 2018 21:00

Tgt Ion:162 Resp: 222476
 Ion Ratio Lower Upper
 162 100
 127 34.9 30.7 46.1
 164 32.8 26.0 39.0



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

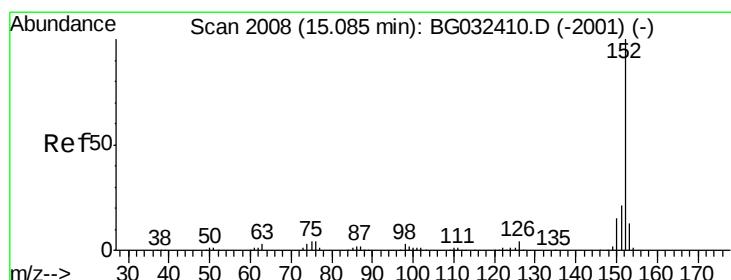
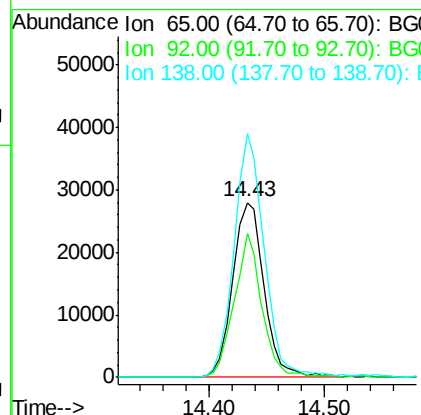
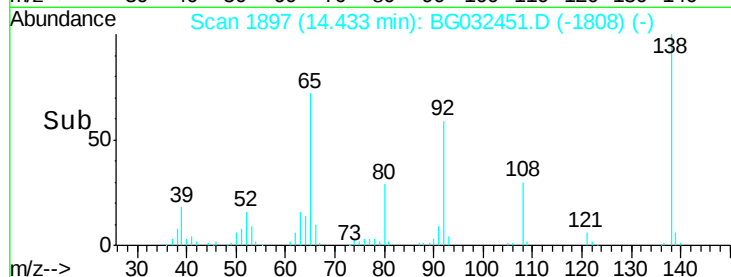
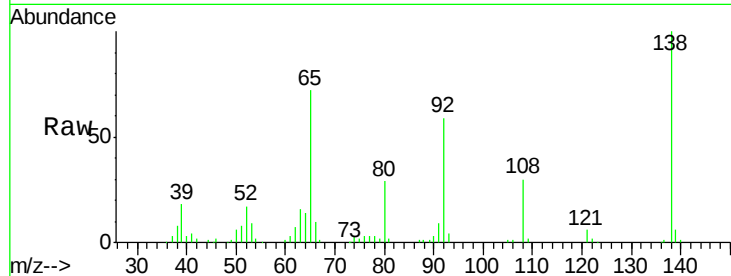




#47
2-Nitroaniline
Concen: 49.360 ng
RT: 14.43 min Scan# 1897
Delta R.T. -0.01 min
Lab File: BG032451.D
Acq: 30 Jan 2018 21:00

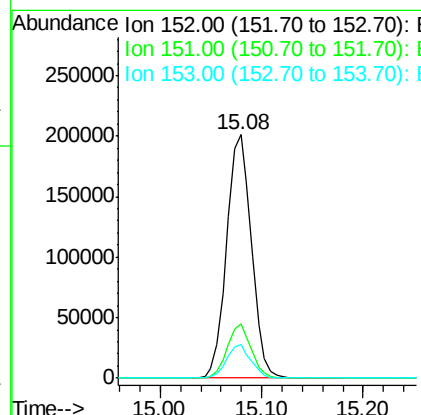
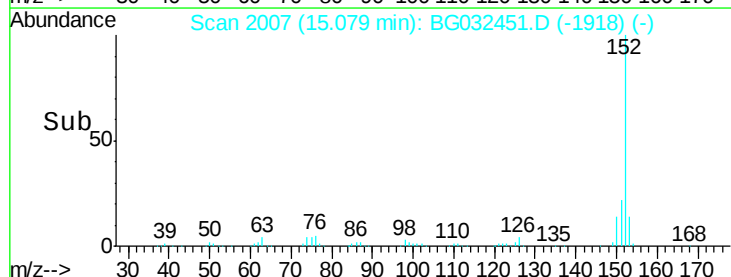
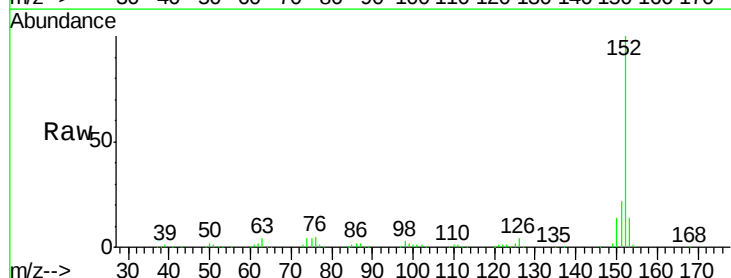
Instrument :
BNA_G
ClientSampleId :
EPE-106-5(100-102)MS

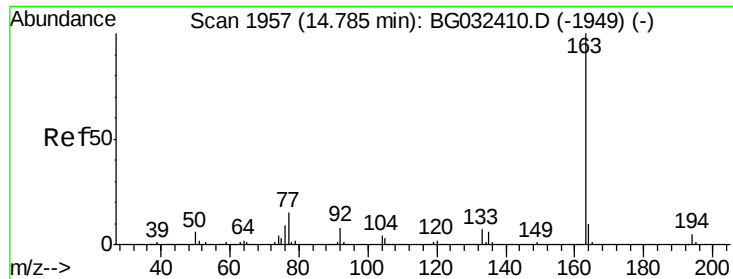
Tgt Ion: 65 Resp: 52841
Ion Ratio Lower Upper
65 100
92 82.0 54.6 82.0#
138 139.1 72.9 109.3#



#48
Acenaphthylene
Concen: 46.580 ng
RT: 15.08 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BG032451.D
Acq: 30 Jan 2018 21:00

Tgt Ion: 152 Resp: 340886
Ion Ratio Lower Upper
152 100
151 22.2 17.2 25.8
153 13.7 10.2 15.4





#49

Dimethylphthalate

Concen: 54.602 ng

RT: 14.78 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BG032451.D

Acq: 30 Jan 2018 21:00

Instrument :

BNA_G

ClientSampleId :

EPE-106-5(100-102)MS

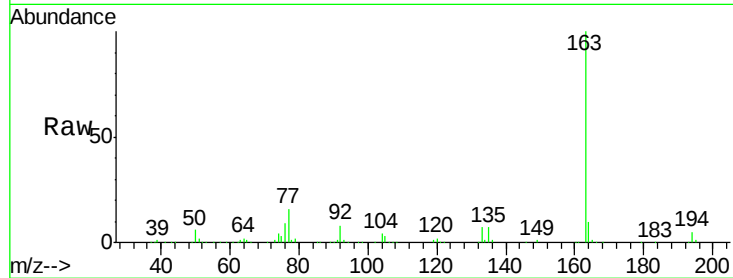
Tgt Ion:163 Resp: 368058

Ion Ratio Lower Upper

163 100

194 4.8 3.4 5.2

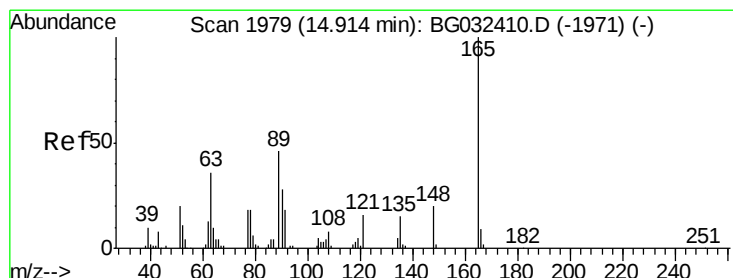
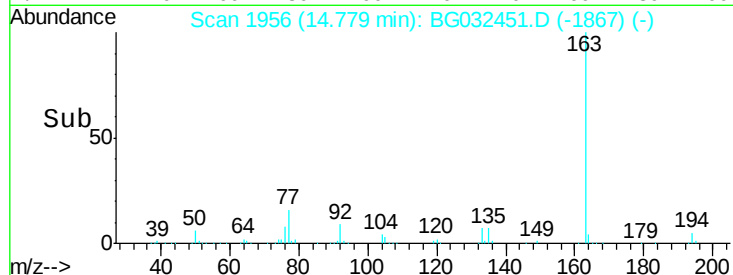
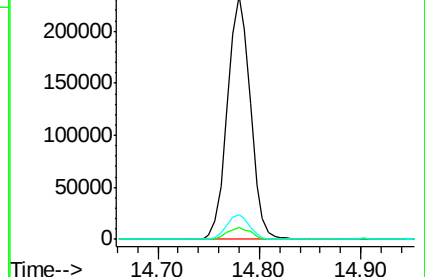
164 9.9 8.2 12.4



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: 49.961 ng

RT: 14.91 min Scan# 1978

Delta R.T. -0.01 min

Lab File: BG032451.D

Acq: 30 Jan 2018 21:00

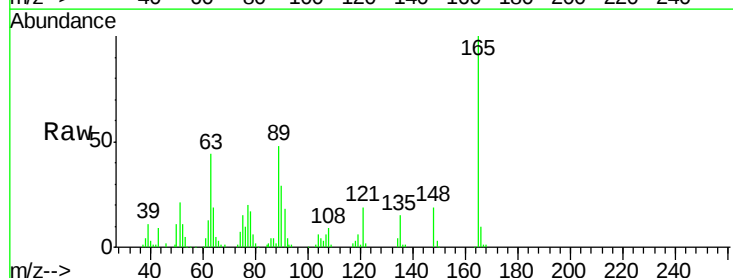
Tgt Ion:165 Resp: 70685

Ion Ratio Lower Upper

165 100

63 44.2 52.7 79.1#

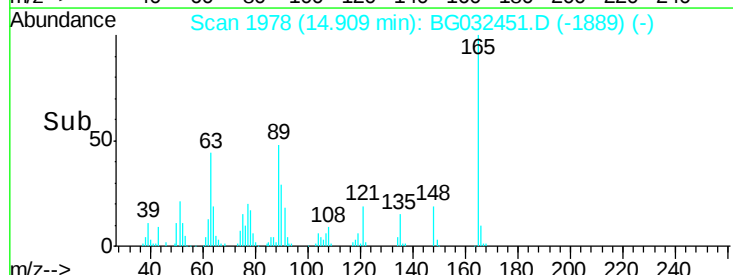
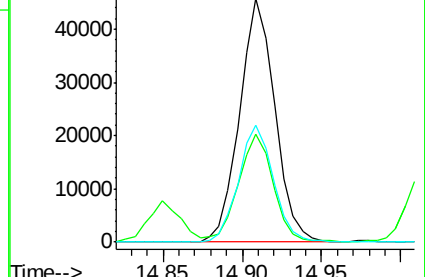
89 48.2 49.2 73.8#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG





#51

Acenaphthene

Concen: 50.383 ng

RT: 15.41 min Scan# 2064

Delta R.T. -0.01 min

Lab File: BG032451.D

Acq: 30 Jan 2018 21:00

Instrument :

BNA_G

ClientSampleId :

EPE-106-5(100-102)MS

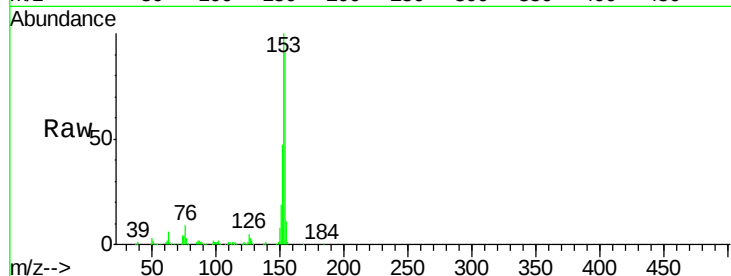
Tgt Ion:154 Resp: 255716

Ion Ratio Lower Upper

154 100

153 109.5 90.4 135.6

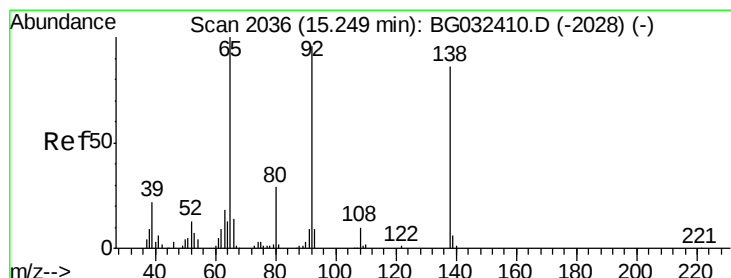
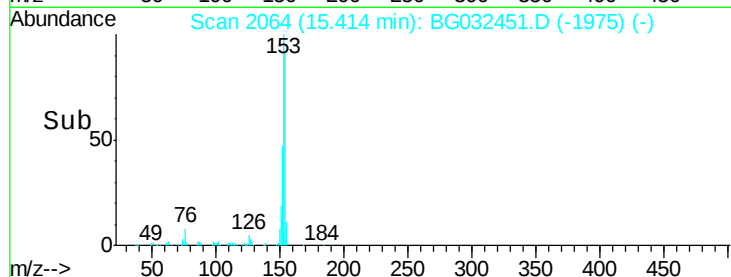
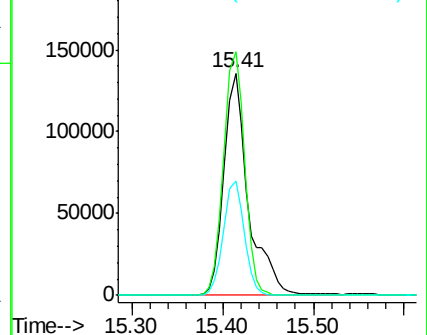
152 51.6 41.6 62.4



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: 41.772 ng

RT: 15.24 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BG032451.D

Acq: 30 Jan 2018 21:00

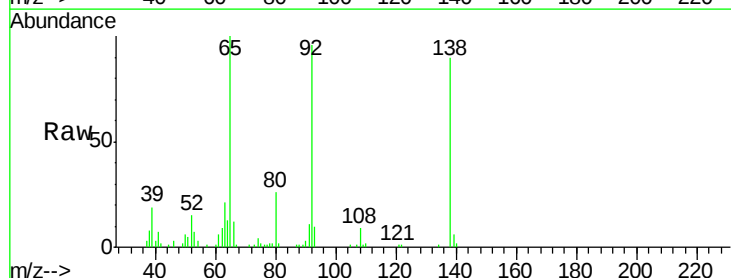
Tgt Ion:138 Resp: 51621

Ion Ratio Lower Upper

138 100

108 9.8 17.5 26.3#

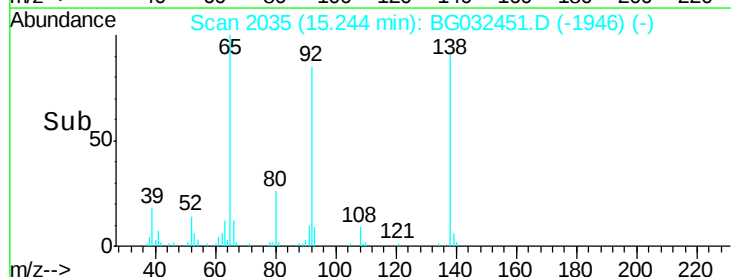
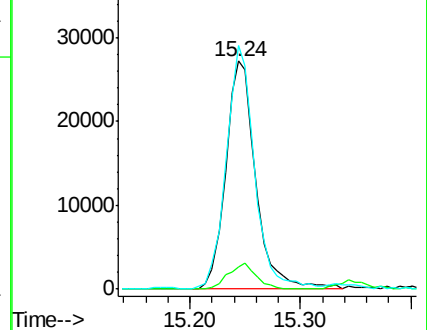
92 106.9 105.8 158.8

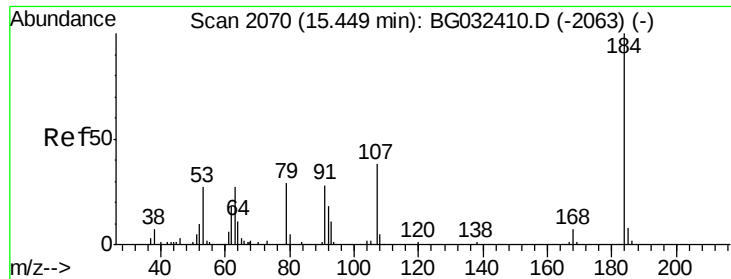


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

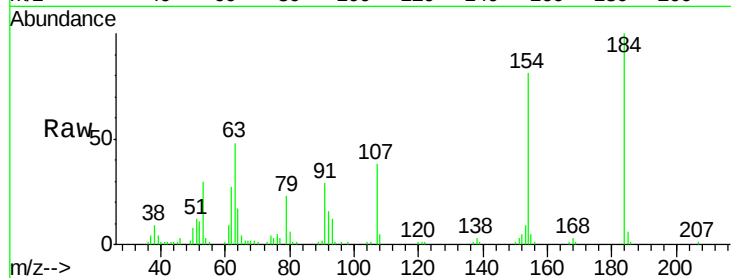




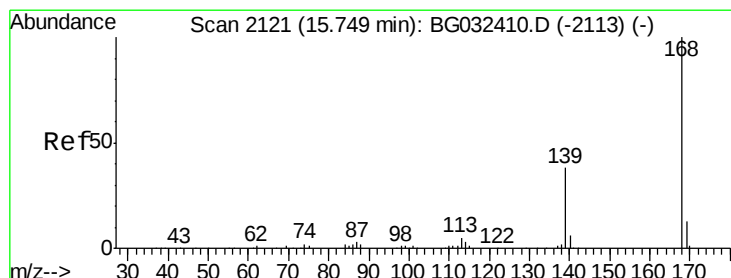
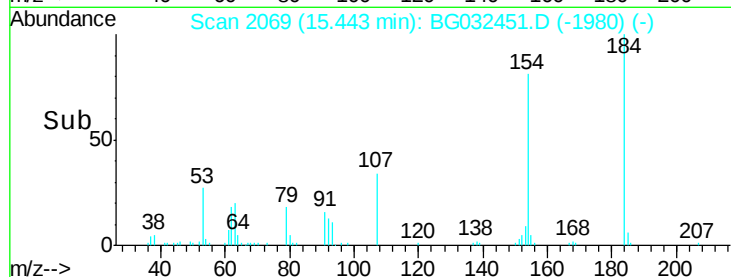
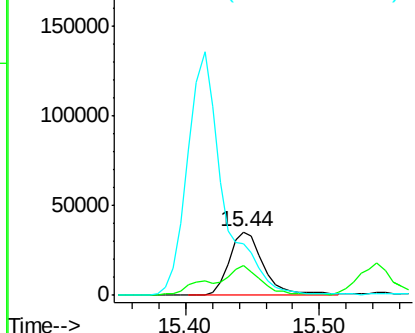
#53
2,4-Dinitrophenol
Concen: 72.848 ng
RT: 15.44 min Scan# 2069
Delta R.T. -0.01 min
Lab File: BG032451.D
Acq: 30 Jan 2018 21:00

Instrument :
BNA_G
ClientSampleId :
EPE-106-5(100-102)MS

Tgt Ion:184 Resp: 63993
Ion Ratio Lower Upper
184 100
63 47.6 59.8 89.8#
154 81.4 101.8 152.8#

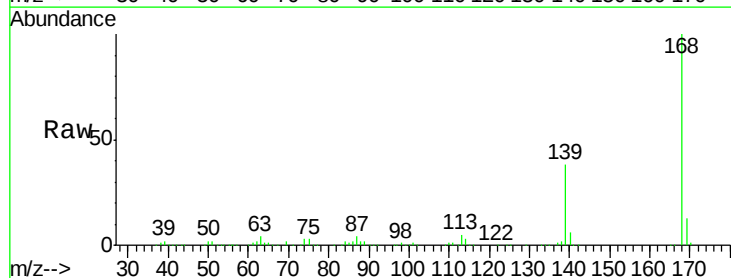


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

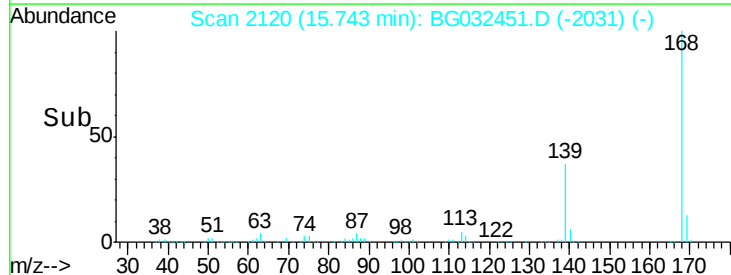
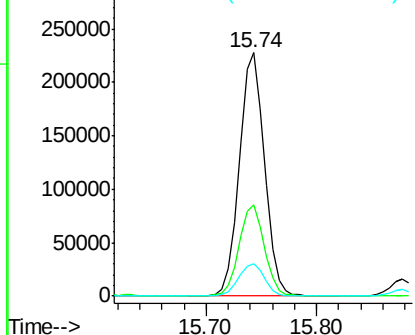


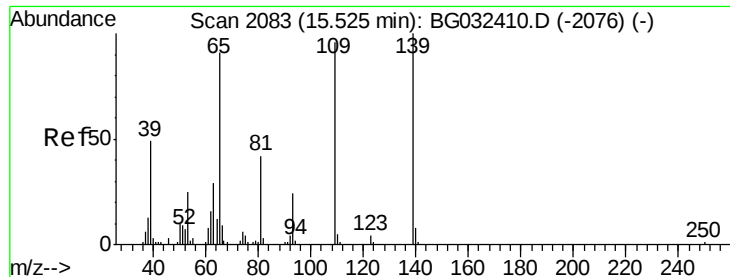
#54
Dibenzofuran
Concen: 48.458 ng
RT: 15.74 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BG032451.D
Acq: 30 Jan 2018 21:00

Tgt Ion:168 Resp: 364022
Ion Ratio Lower Upper
168 100
139 37.6 28.6 43.0
169 13.4 11.2 16.8



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 113.158 ng

RT: 15.54 min Scan# 2086

Delta R.T. 0.02 min

Lab File: BG032451.D

Acq: 30 Jan 2018 21:00

Instrument :

BNA_G

ClientSampleId :

EPE-106-5(100-102)MS

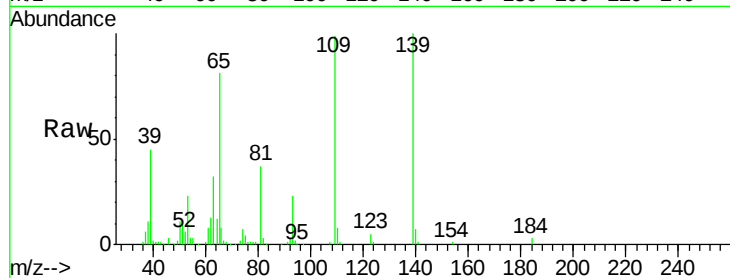
Tgt Ion:139 Resp: 104689

Ion Ratio Lower Upper

139 100

109 99.0 62.2 102.2

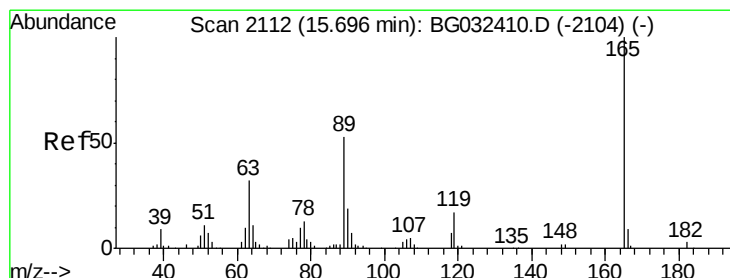
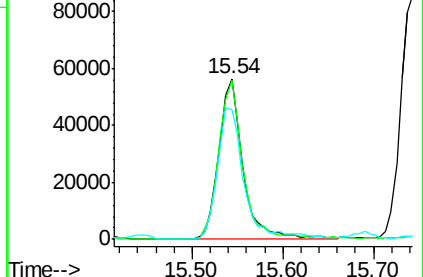
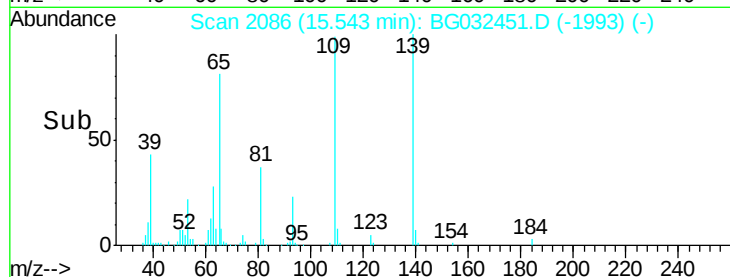
65 80.5 97.2 137.2#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 52.155 ng

RT: 15.69 min Scan# 2111

Delta R.T. -0.01 min

Lab File: BG032451.D

Acq: 30 Jan 2018 21:00

Tgt Ion:165 Resp: 105060

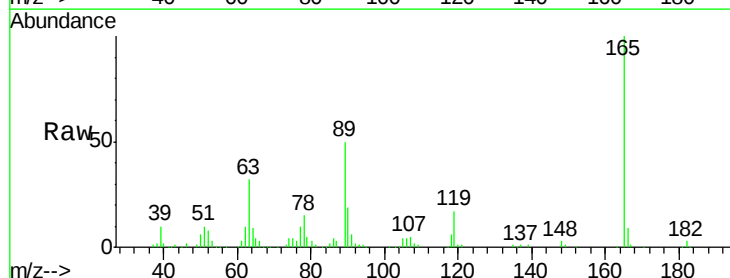
Ion Ratio Lower Upper

165 100

63 31.9 42.0 63.0#

89 49.7 66.9 100.3#

182 3.5 2.6 3.8

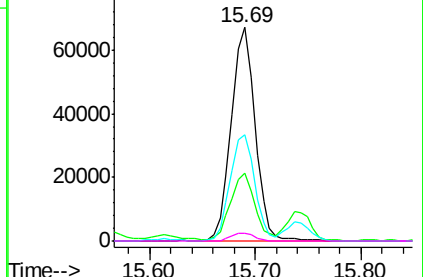
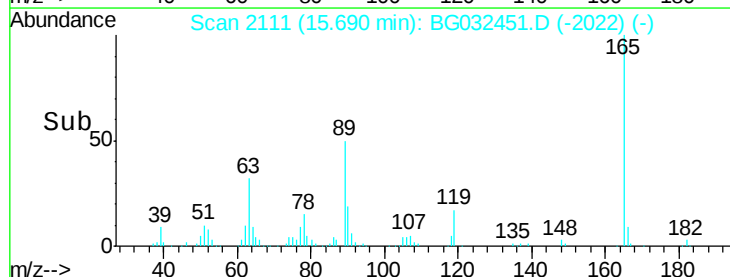


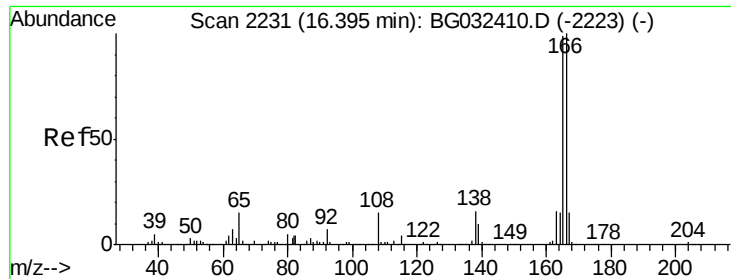
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E

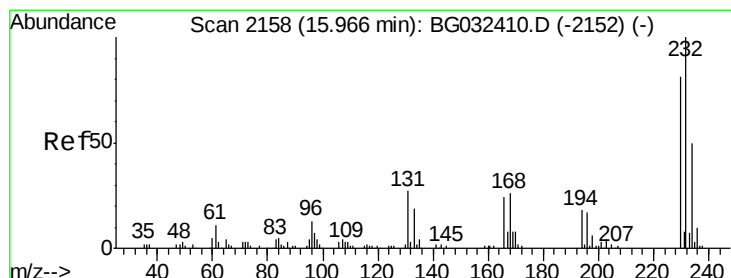
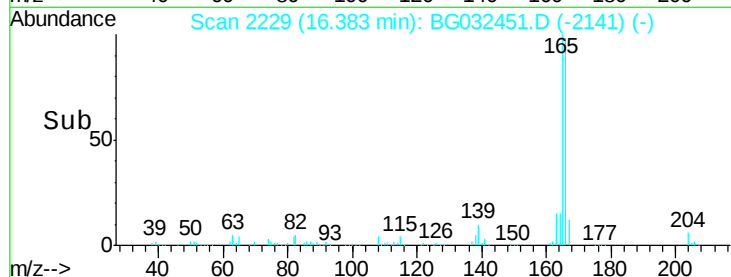
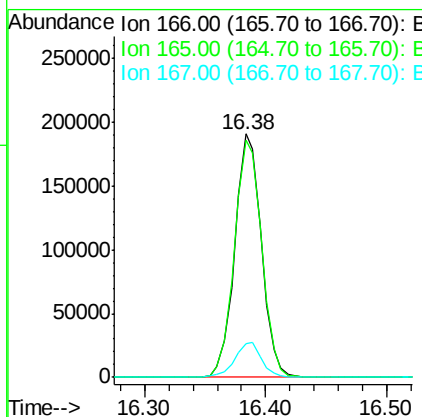
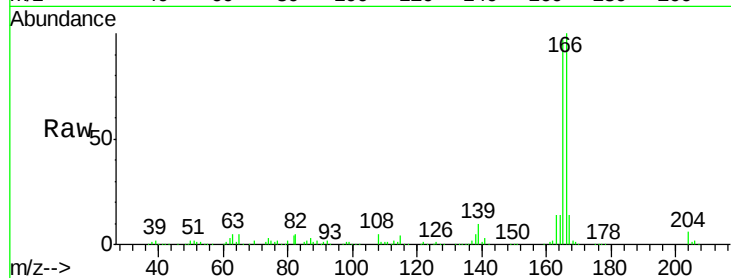




#57
 Fluorene
 Concen: 47.052 ng
 RT: 16.38 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BG032451.D
 Acq: 30 Jan 2018 21:00

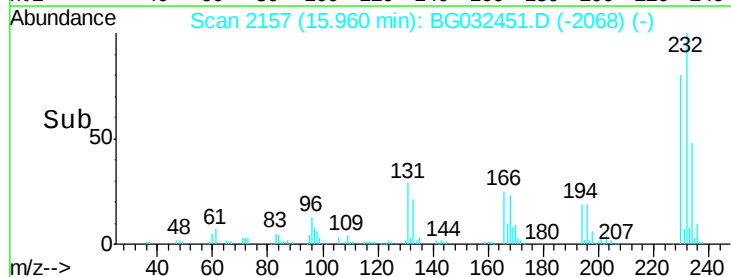
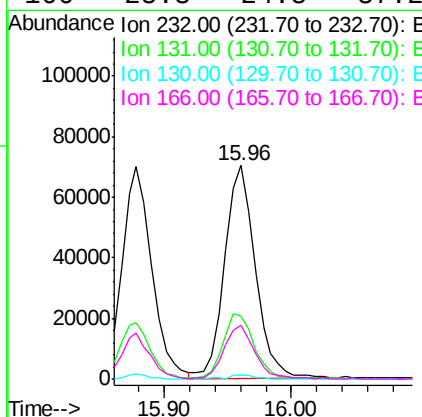
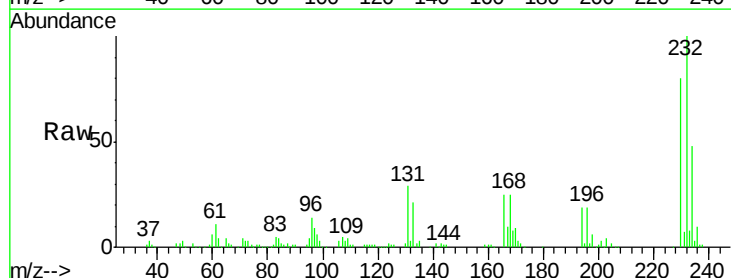
Instrument :
 BNA_G
 ClientSampleId :
 EPE-106-5(100-102)MS

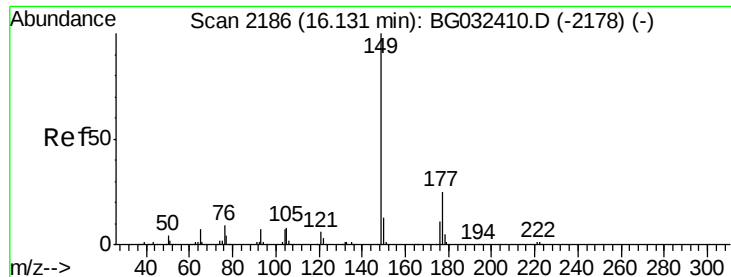
Tgt Ion:166 Resp: 293713
 Ion Ratio Lower Upper
 166 100
 165 97.4 80.6 121.0
 167 14.0 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 54.930 ng
 RT: 15.96 min Scan# 2157
 Delta R.T. -0.01 min
 Lab File: BG032451.D
 Acq: 30 Jan 2018 21:00

Tgt Ion:232 Resp: 117489
 Ion Ratio Lower Upper
 232 100
 131 31.6 33.5 50.3#
 130 1.8 2.2 3.2#
 166 25.3 24.8 37.2





#59

Diethylphthalate

Concen: 47.842 ng

RT: 16.12 min Scan# 2185

Delta R.T. -0.01 min

Lab File: BG032451.D

Acq: 30 Jan 2018 21:00

Instrument :

BNA_G

ClientSampleId :

EPE-106-5(100-102)MS

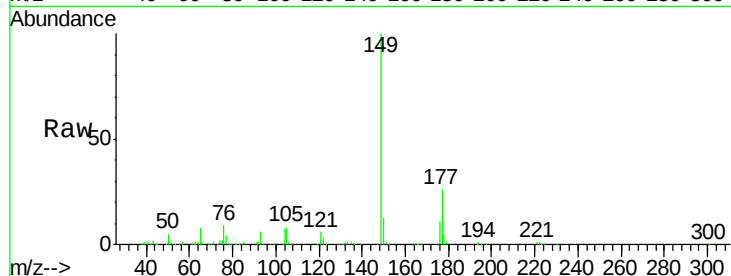
Tgt Ion:149 Resp: 314089

Ion Ratio Lower Upper

149 100

177 26.1 18.5 27.7

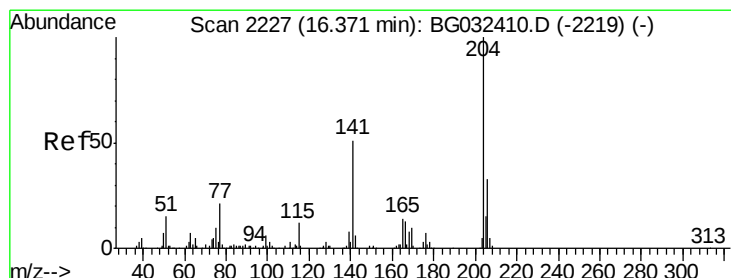
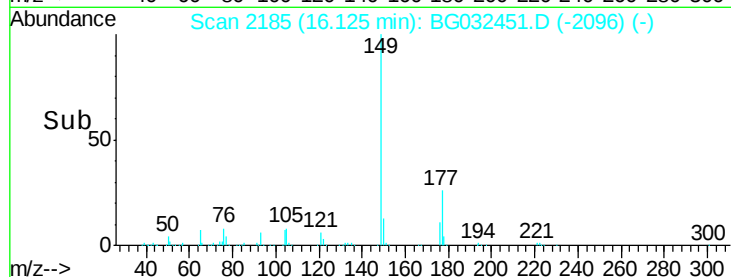
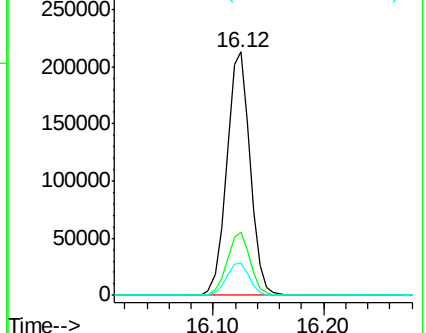
150 13.1 10.2 15.2



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: 48.160 ng

RT: 16.36 min Scan# 2225

Delta R.T. -0.01 min

Lab File: BG032451.D

Acq: 30 Jan 2018 21:00

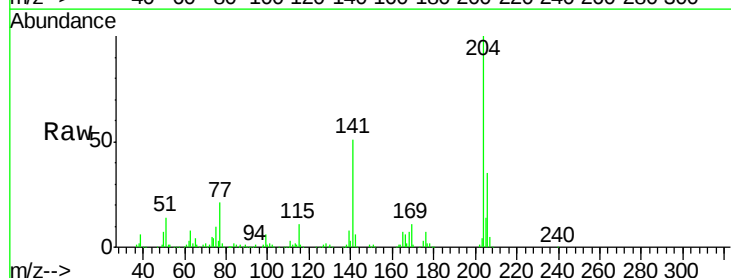
Tgt Ion:204 Resp: 189576

Ion Ratio Lower Upper

204 100

206 35.1 26.2 39.2

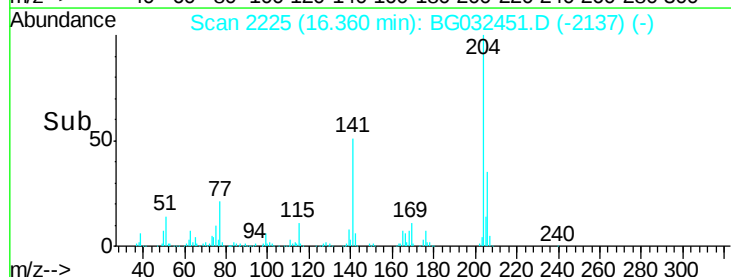
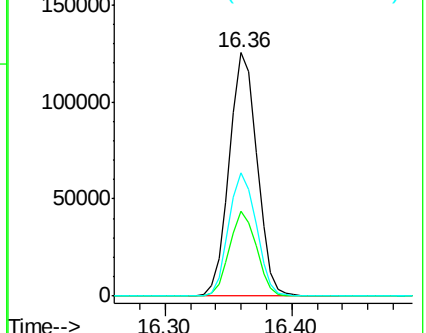
141 50.8 45.8 68.6

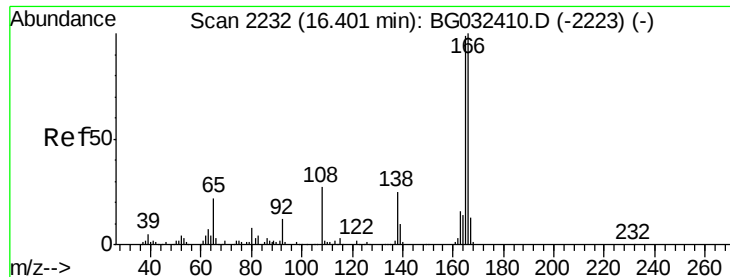


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 50.085 ng

RT: 16.40 min Scan# 2232

Delta R.T. 0.00 min

Lab File: BG032451.D

Acq: 30 Jan 2018 21:00

Instrument :

BNA_G

ClientSampleId :

EPE-106-5(100-102)MS

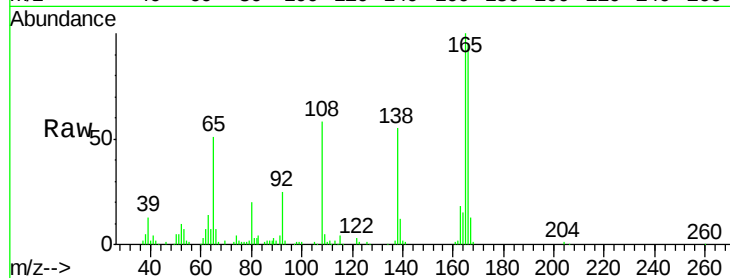
Tgt Ion:138 Resp: 66338

Ion Ratio Lower Upper

138 100

92 45.1 40.1 80.1

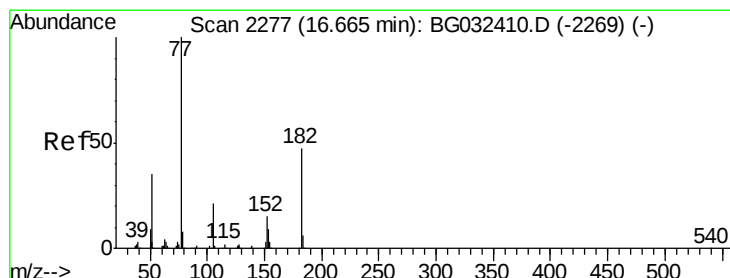
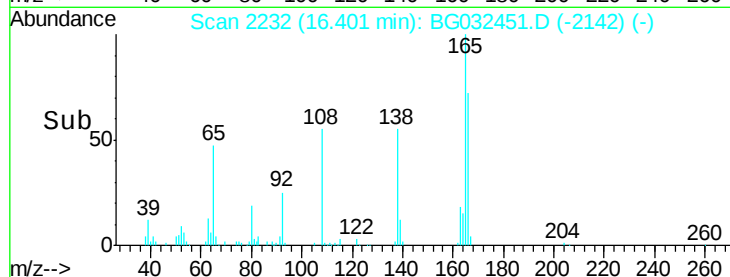
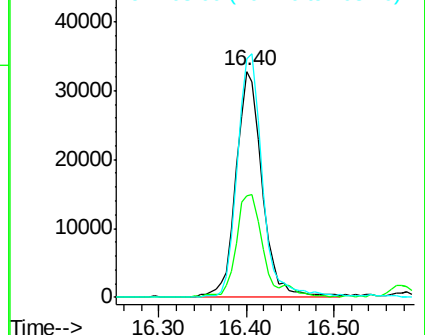
108 105.8 65.4 105.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 48.847 ng

RT: 16.65 min Scan# 2275

Delta R.T. -0.01 min

Lab File: BG032451.D

Acq: 30 Jan 2018 21:00

Tgt Ion: 77 Resp: 191642

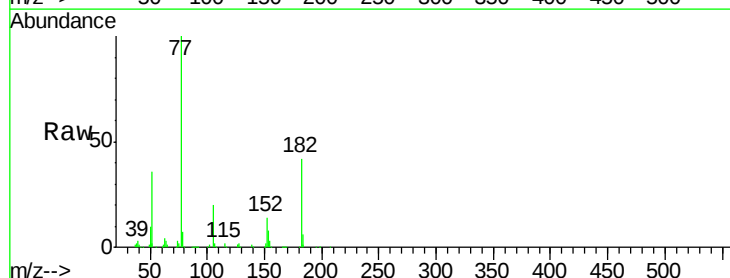
Ion Ratio Lower Upper

77 100

182 42.4 7.4 47.4

105 20.1 0.3 40.3

51 35.5 11.6 51.6

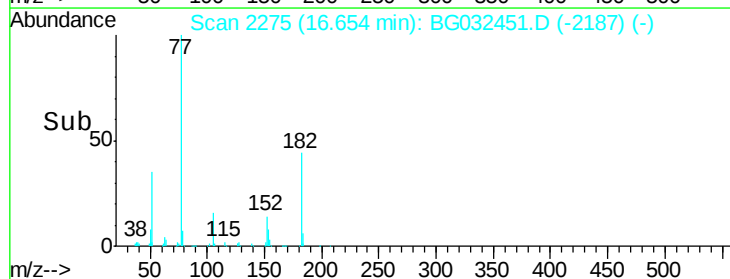
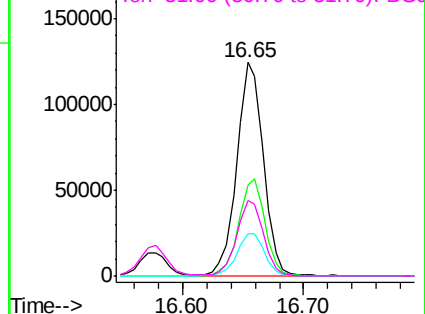


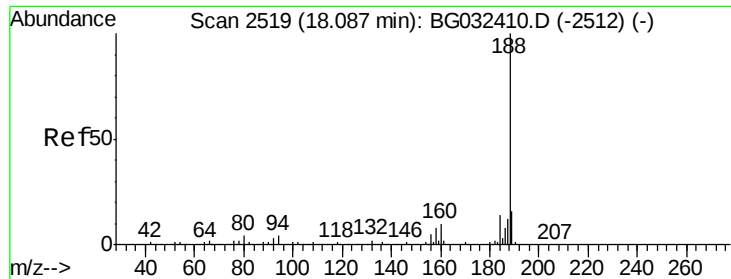
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC

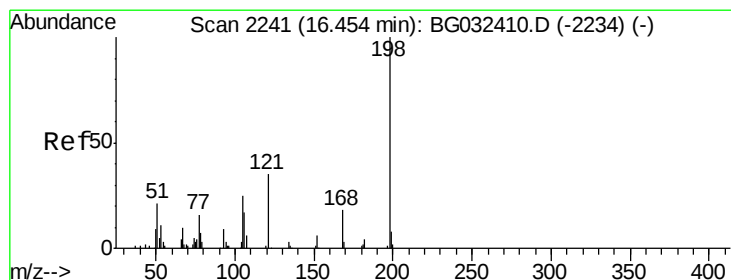
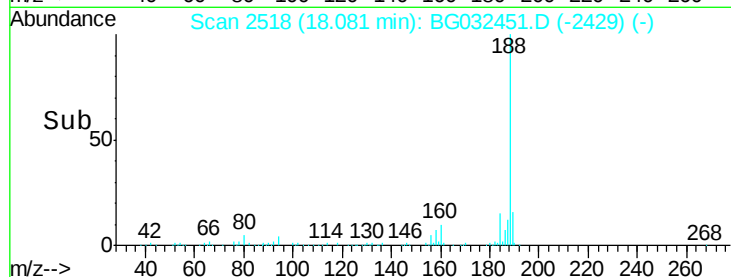
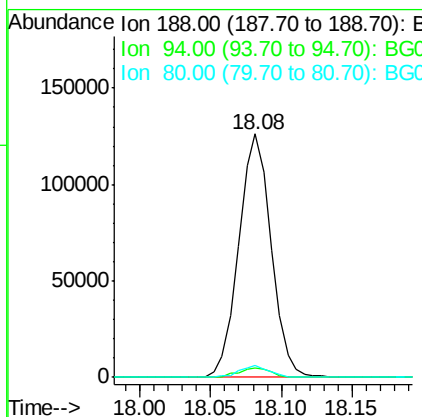
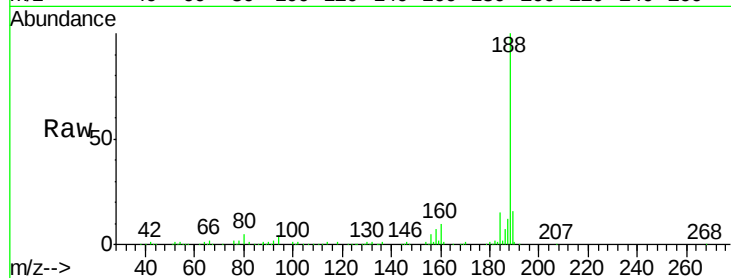




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.08 min Scan# 2518
Delta R.T. -0.01 min
Lab File: BG032451.D
Acq: 30 Jan 2018 21:00

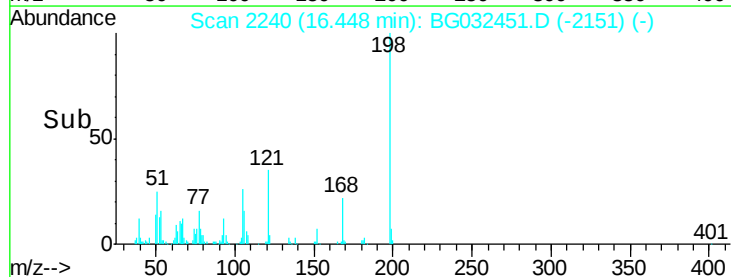
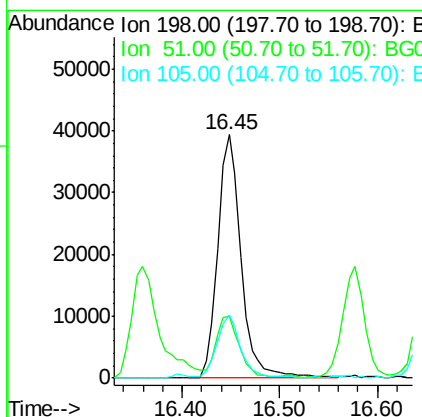
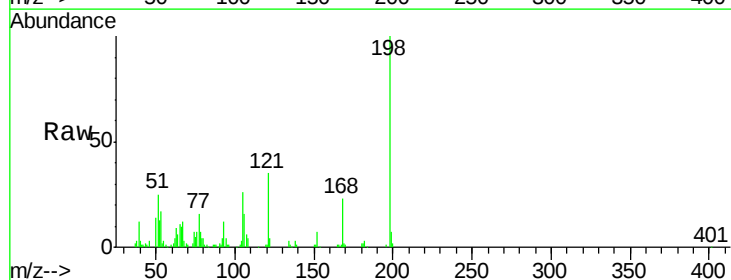
Instrument :
BNA_G
ClientSampleId :
EPE-106-5(100-102)MS

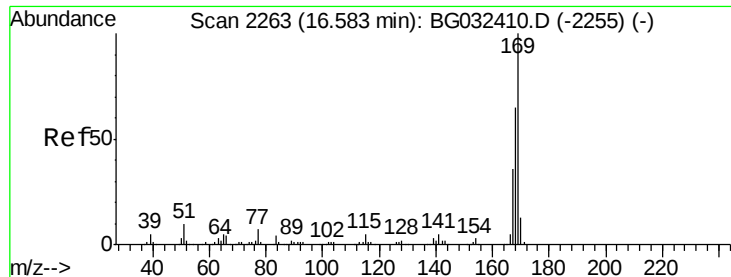
Tgt Ion:188 Resp: 202821
Ion Ratio Lower Upper
188 100
94 3.8 6.9 10.3#
80 4.6 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 43.169 ng
RT: 16.45 min Scan# 2240
Delta R.T. -0.01 min
Lab File: BG032451.D
Acq: 30 Jan 2018 21:00

Tgt Ion:198 Resp: 65410
Ion Ratio Lower Upper
198 100
51 25.3 30.6 70.6#
105 25.9 23.8 63.8





#65

n-Nitrosodiphenylamine

Concen: 46.860 ng

RT: 16.58 min Scan# 2262

Delta R.T. -0.01 min

Lab File: BG032451.D

Acq: 30 Jan 2018 21:00

Instrument :

BNA_G

ClientSampleId :

EPE-106-5(100-102)MS

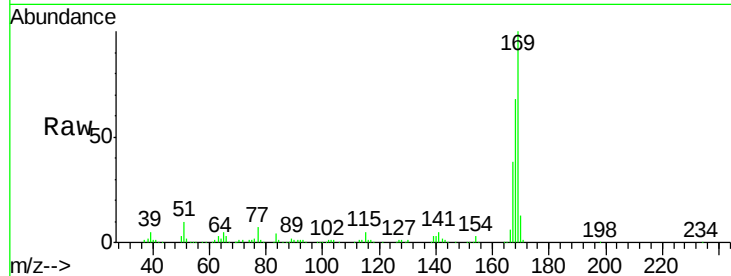
Tgt Ion:169 Resp: 283638

Ion Ratio Lower Upper

169 100

168 67.6 55.7 83.5

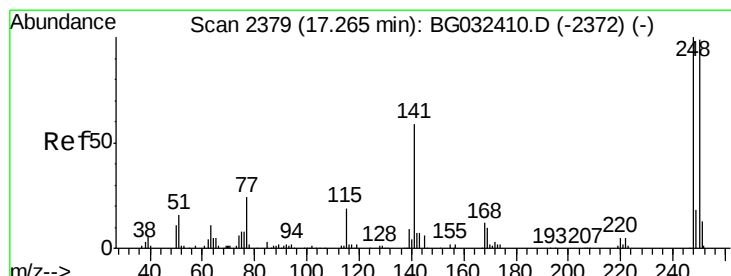
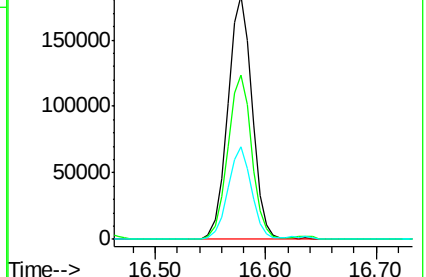
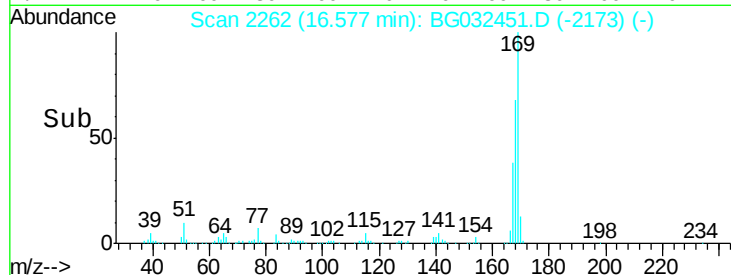
167 37.8 30.1 45.1



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: 46.001 ng

RT: 17.25 min Scan# 2377

Delta R.T. -0.01 min

Lab File: BG032451.D

Acq: 30 Jan 2018 21:00

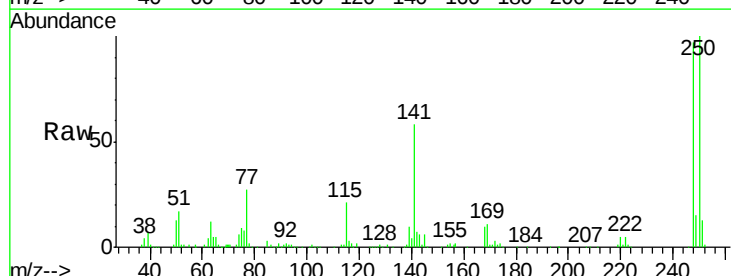
Tgt Ion:248 Resp: 138224

Ion Ratio Lower Upper

248 100

250 103.6 77.1 115.7

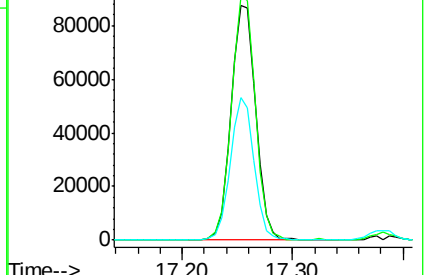
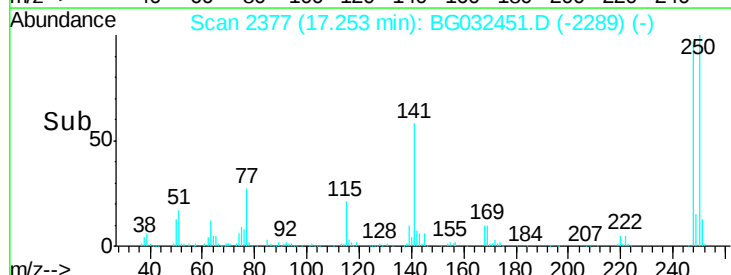
141 60.6 50.8 76.2

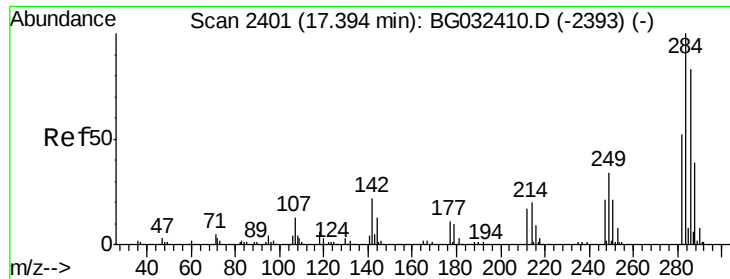


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

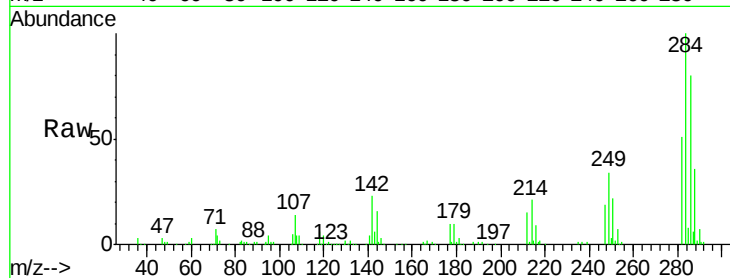




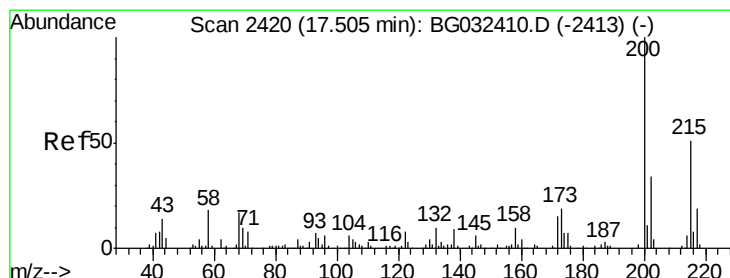
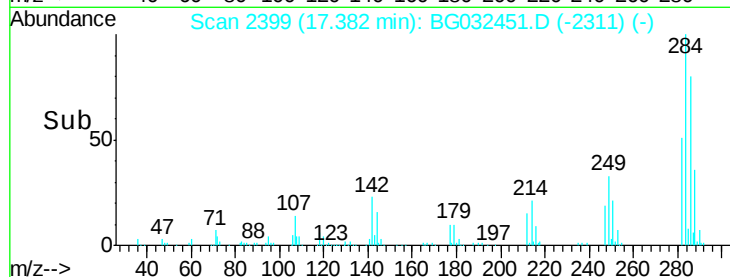
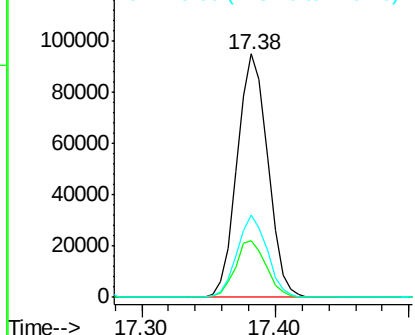
#67
Hexachlorobenzene
Concen: 45.415 ng
RT: 17.38 min Scan# 2399
Delta R.T. -0.01 min
Lab File: BG032451.D
Acq: 30 Jan 2018 21:00

Instrument :
BNA_G
ClientSampleId :
EPE-106-5(100-102)MS

Tgt Ion:284 Resp: 151016
Ion Ratio Lower Upper
284 100
142 23.4 26.8 40.2#
249 33.7 26.3 39.5

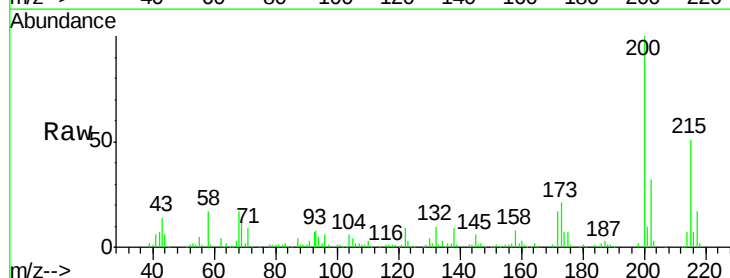


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

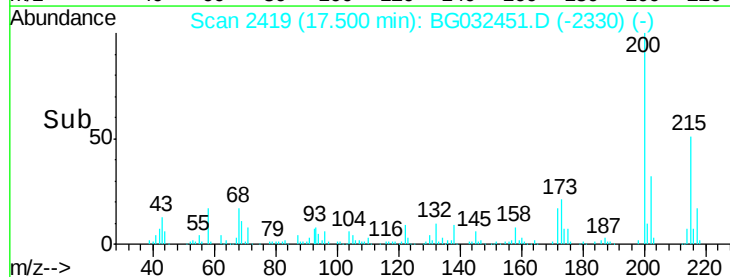
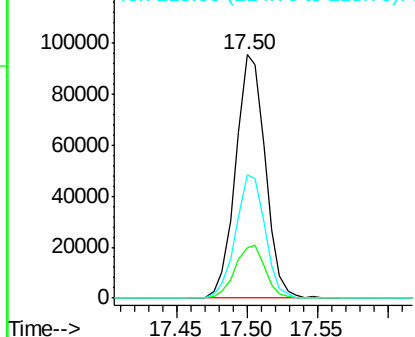


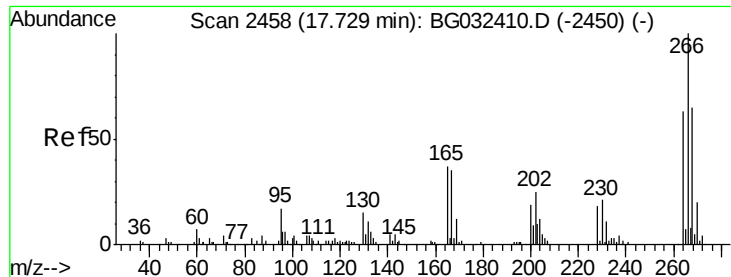
#68
Atrazine
Concen: 53.616 ng
RT: 17.50 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BG032451.D
Acq: 30 Jan 2018 21:00

Tgt Ion:200 Resp: 139315
Ion Ratio Lower Upper
200 100
173 20.6 5.2 45.2
215 50.6 30.4 70.4



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

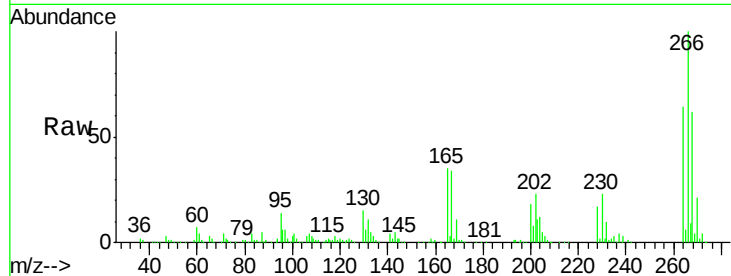




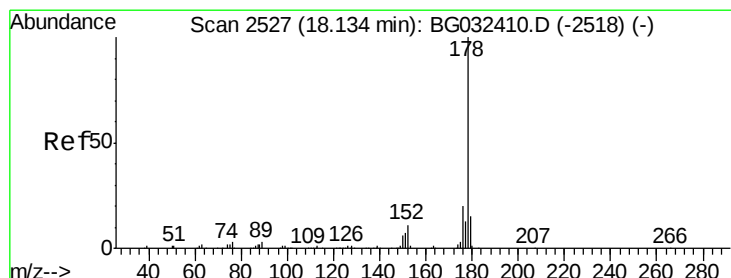
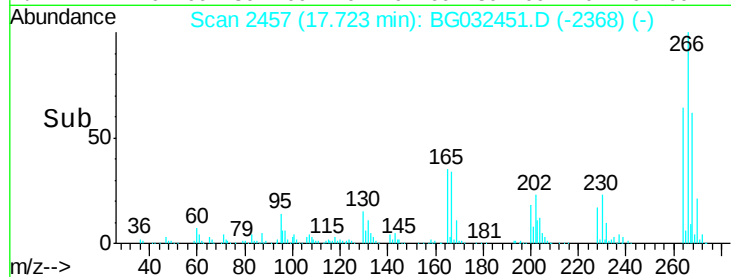
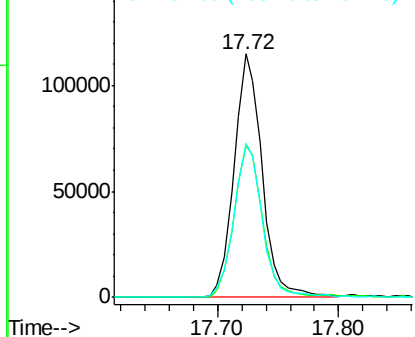
#69
 Pentachlorophenol
 Concen: 89.196 ng
 RT: 17.72 min Scan# 2457
 Delta R.T. -0.01 min
 Lab File: BG032451.D
 Acq: 30 Jan 2018 21:00

Instrument :
 BNA_G
 ClientSampleId :
 EPE-106-5(100-102)MS

Tgt Ion:266 Resp: 185801
 Ion Ratio Lower Upper
 266 100
 268 62.0 51.1 76.7
 264 63.5 49.6 74.4

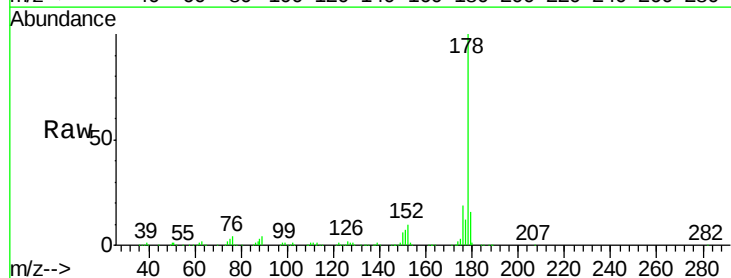


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

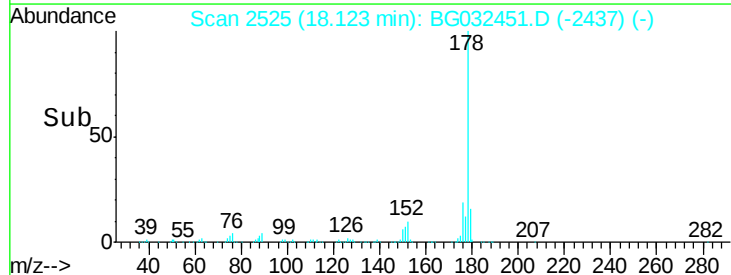
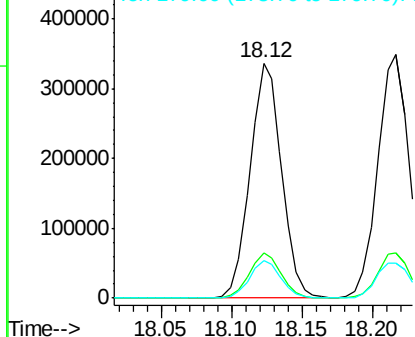


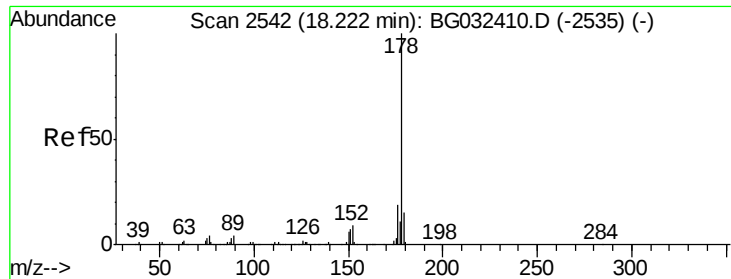
#70
 Phenanthrene
 Concen: 46.607 ng
 RT: 18.12 min Scan# 2525
 Delta R.T. -0.01 min
 Lab File: BG032451.D
 Acq: 30 Jan 2018 21:00

Tgt Ion:178 Resp: 527161
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.7 23.5
 179 16.1 12.5 18.7



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

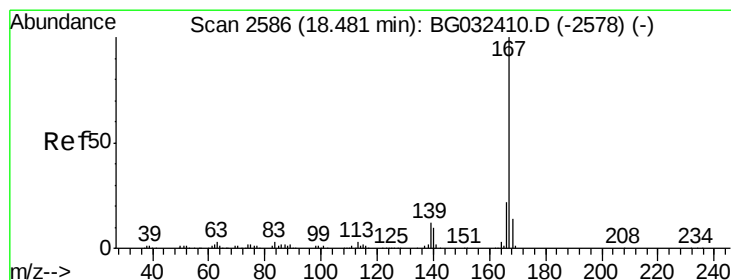
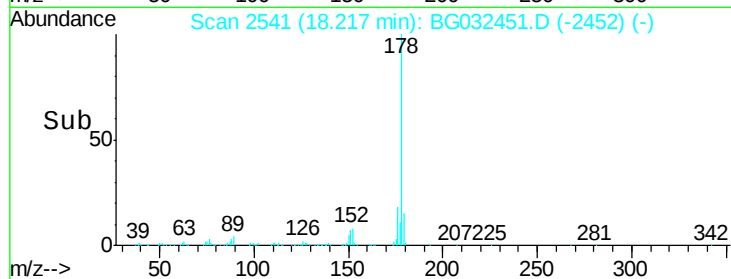
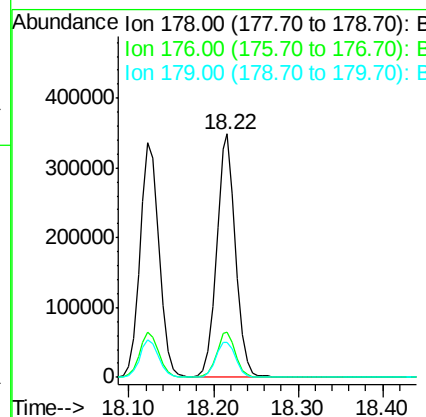
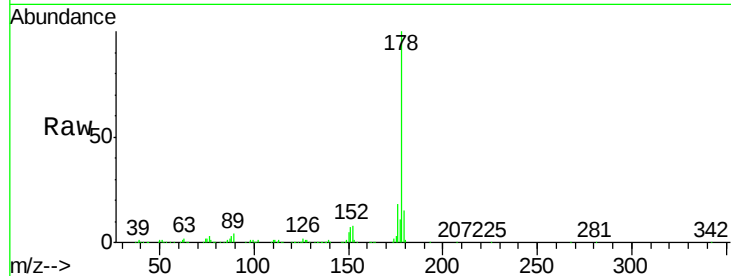




#71
 Anthracene
 Concen: 48.444 ng
 RT: 18.22 min Scan# 2541
 Delta R.T. -0.01 min
 Lab File: BG032451.D
 Acq: 30 Jan 2018 21:00

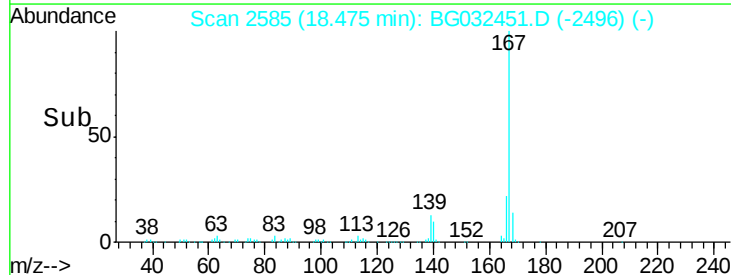
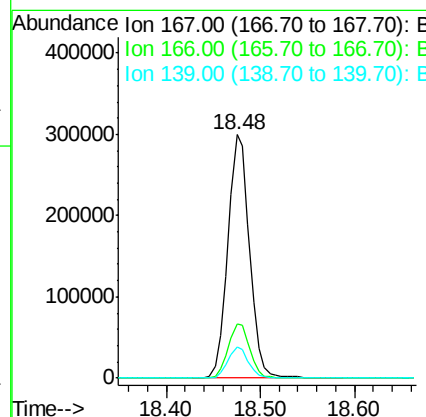
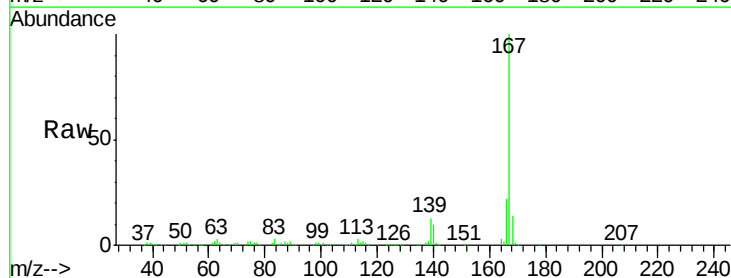
Instrument :
 BNA_G
 ClientSampleId :
 EPE-106-5(100-102)MS

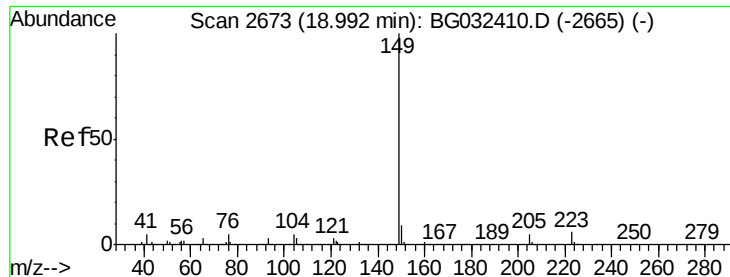
Tgt Ion:178 Resp: 545590
 Ion Ratio Lower Upper
 178 100
 176 18.5 16.0 24.0
 179 14.6 12.5 18.7



#72
 Carbazole
 Concen: 48.228 ng
 RT: 18.48 min Scan# 2585
 Delta R.T. -0.01 min
 Lab File: BG032451.D
 Acq: 30 Jan 2018 21:00

Tgt Ion:167 Resp: 479905
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.2 27.4
 139 12.8 9.4 14.2

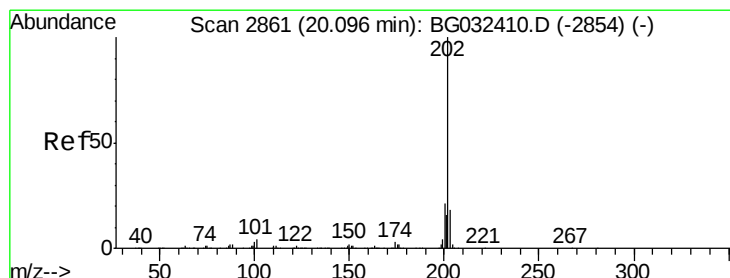
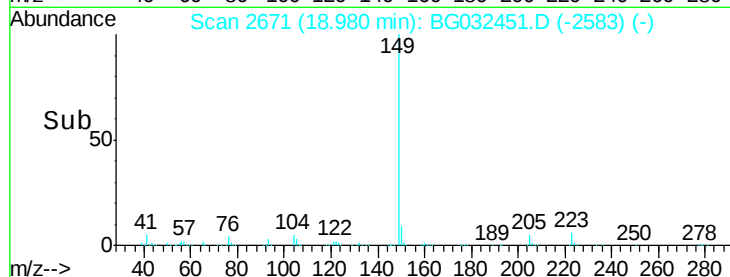
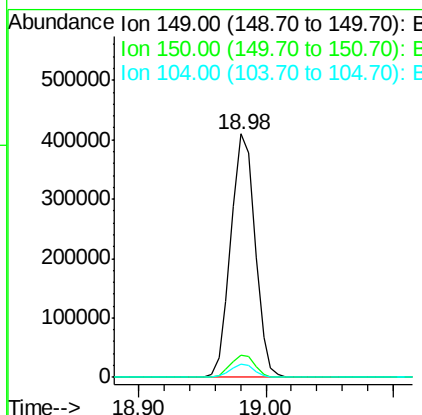
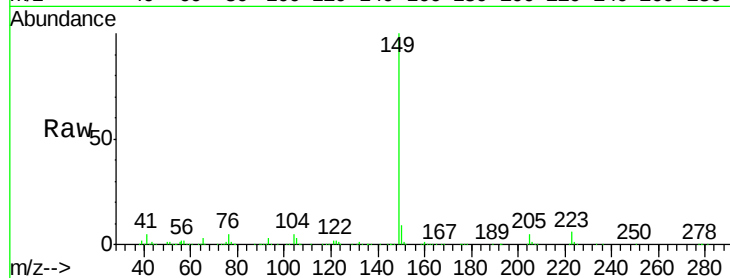




#73
Di-n-butylphthalate
Concen: 49.258 ng
RT: 18.98 min Scan# 2671
Delta R.T. -0.01 min
Lab File: BG032451.D
Acq: 30 Jan 2018 21:00

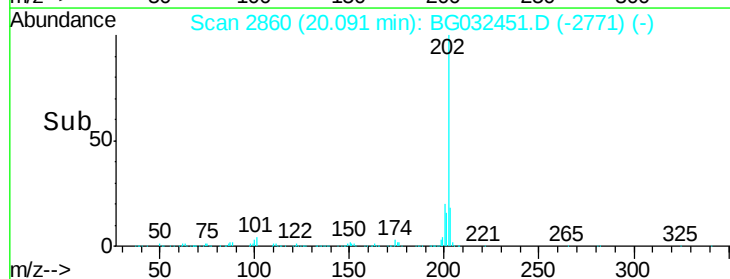
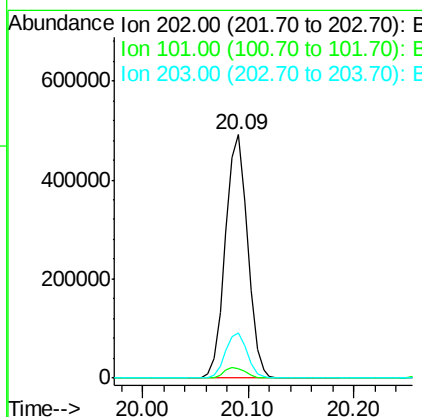
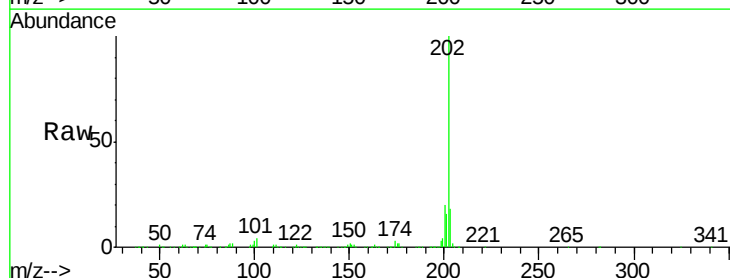
Instrument :
BNA_G
ClientSampleId :
EPE-106-5(100-102)MS

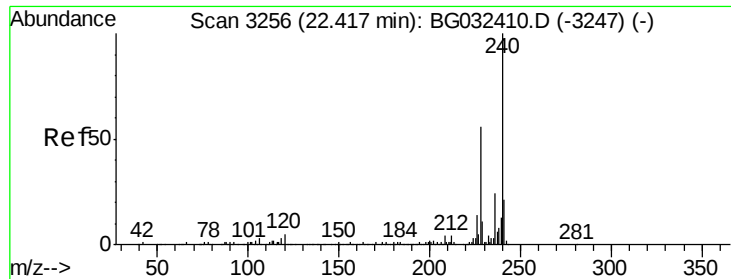
Tgt Ion:149 Resp: 542679
Ion Ratio Lower Upper
149 100
150 9.4 7.8 11.6
104 5.5 3.9 5.9



#74
Fluoranthene
Concen: 48.248 ng
RT: 20.09 min Scan# 2860
Delta R.T. -0.01 min
Lab File: BG032451.D
Acq: 30 Jan 2018 21:00

Tgt Ion:202 Resp: 715679
Ion Ratio Lower Upper
202 100
101 4.1 0.0 28.9
203 18.5 0.0 37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.41 min Scan# 3255

Delta R.T. -0.01 min

Lab File: BG032451.D

Acq: 30 Jan 2018 21:00

Instrument :

BNA_G

ClientSampleId :

EPE-106-5(100-102)MS

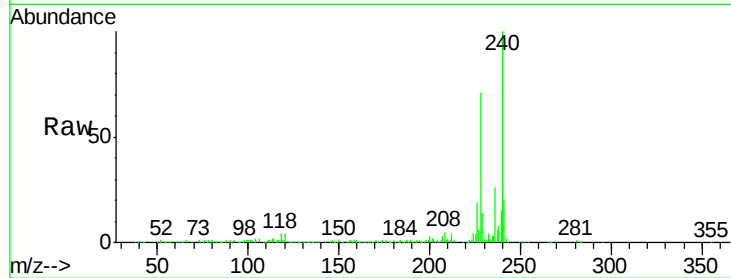
Tgt Ion:240 Resp: 259471

Ion Ratio Lower Upper

240 100

120 3.8 6.8 10.2#

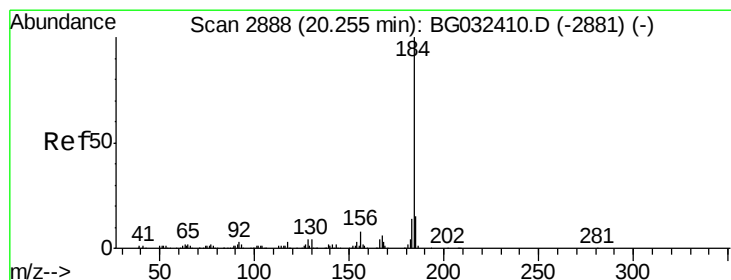
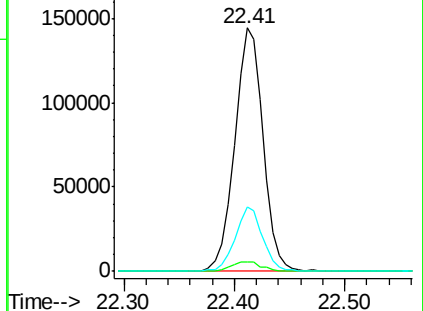
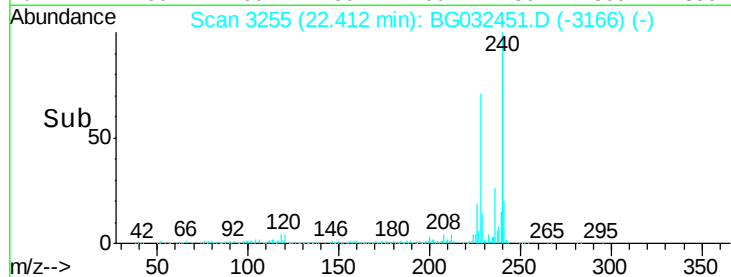
236 26.3 20.9 31.3



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: 83.469 ng

RT: 20.25 min Scan# 2887

Delta R.T. -0.01 min

Lab File: BG032451.D

Acq: 30 Jan 2018 21:00

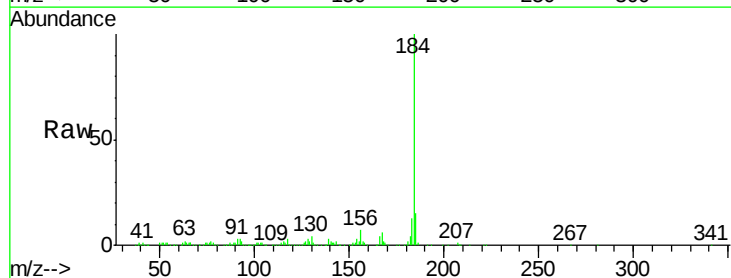
Tgt Ion:184 Resp: 425272

Ion Ratio Lower Upper

184 100

185 14.9 11.1 16.7

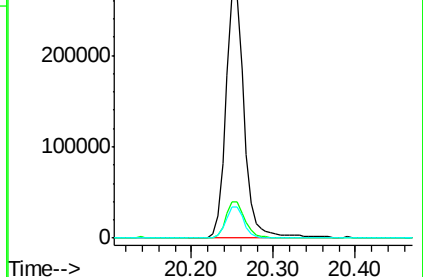
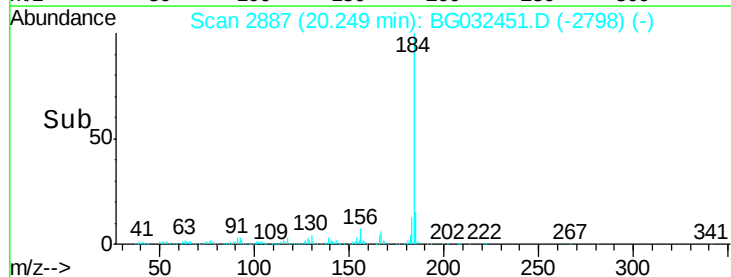
183 12.9 10.6 16.0

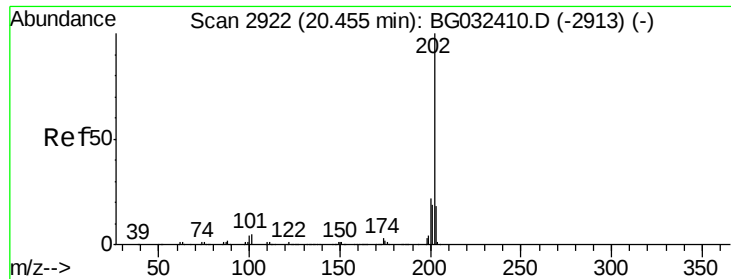


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 44.831 ng

RT: 20.45 min Scan# 2921

Delta R.T. -0.01 min

Lab File: BG032451.D

Acq: 30 Jan 2018 21:00

Instrument :

BNA_G

ClientSampleId :

EPE-106-5(100-102)MS

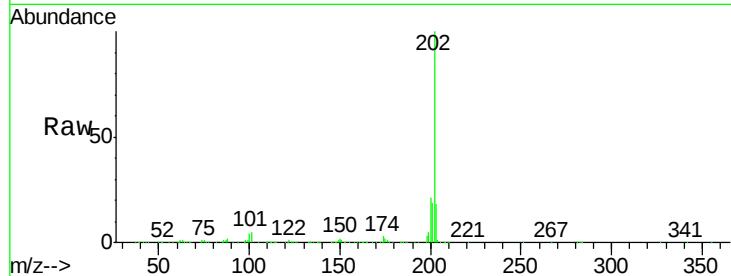
Tgt Ion:202 Resp: 713460

Ion Ratio Lower Upper

202 100

200 20.9 16.9 25.3

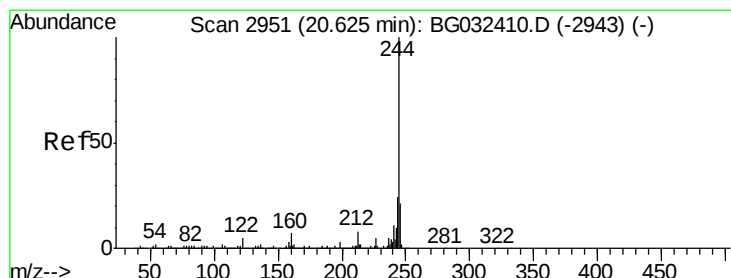
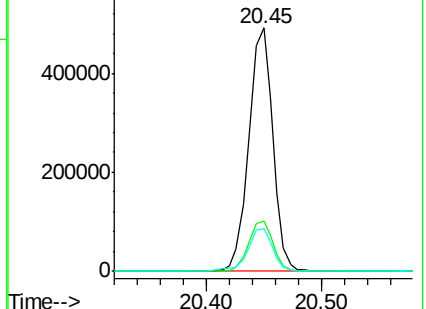
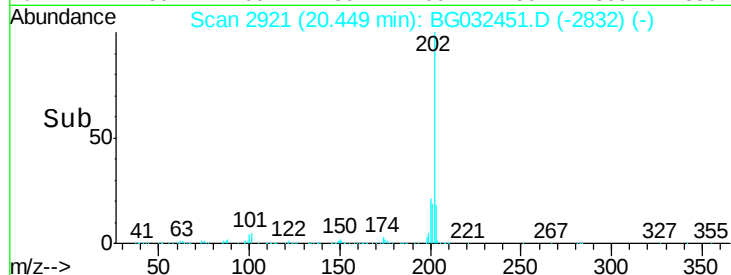
203 17.5 13.9 20.9



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: 99.583 ng

RT: 20.62 min Scan# 2950

Delta R.T. -0.01 min

Lab File: BG032451.D

Acq: 30 Jan 2018 21:00

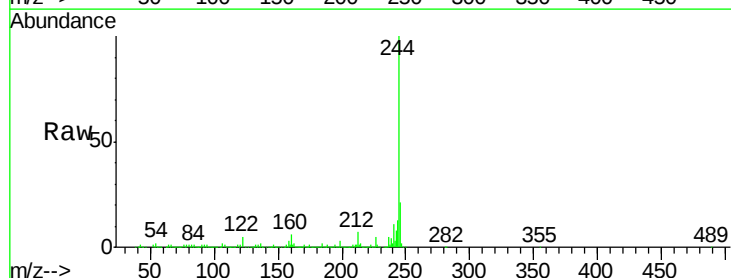
Tgt Ion:244 Resp: 1206250

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

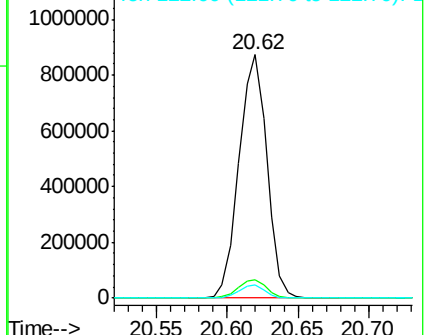
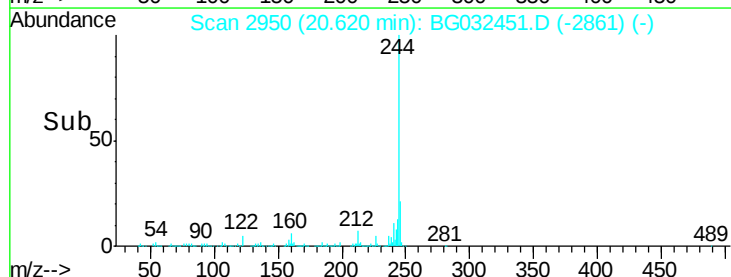
122 5.2 7.0 10.4#

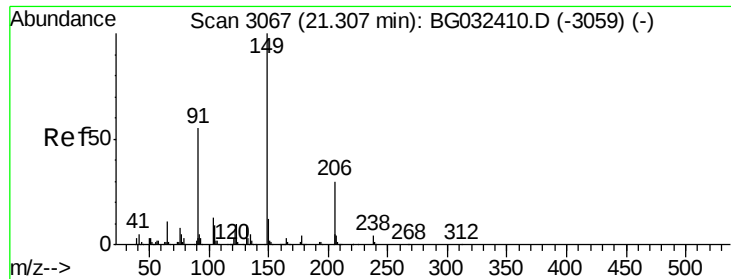


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 49.937 ng

RT: 21.30 min Scan# 3066

Delta R.T. -0.01 min

Lab File: BG032451.D

Acq: 30 Jan 2018 21:00

Instrument :

BNA_G

ClientSampleId :

EPE-106-5(100-102)MS

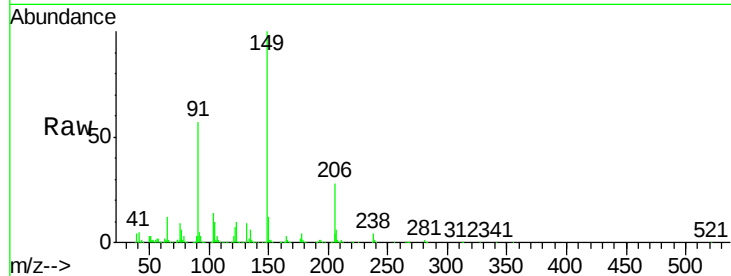
Tgt Ion:149 Resp: 250671

Ion Ratio Lower Upper

149 100

91 56.7 62.2 93.2#

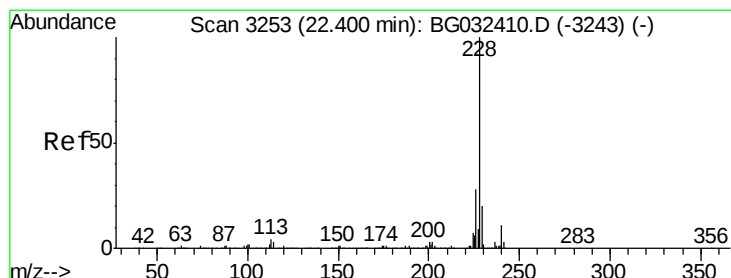
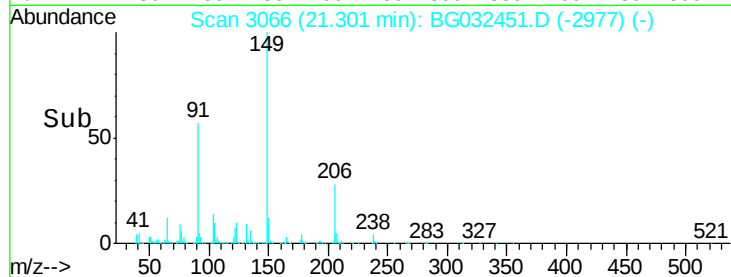
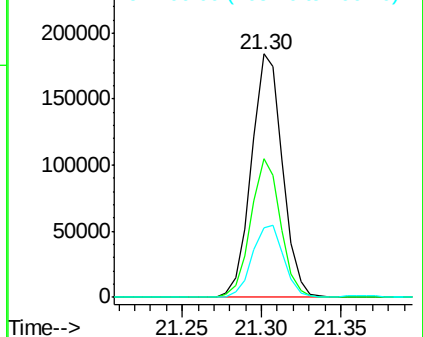
206 28.4 18.6 27.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 48.590 ng

RT: 22.39 min Scan# 3252

Delta R.T. -0.01 min

Lab File: BG032451.D

Acq: 30 Jan 2018 21:00

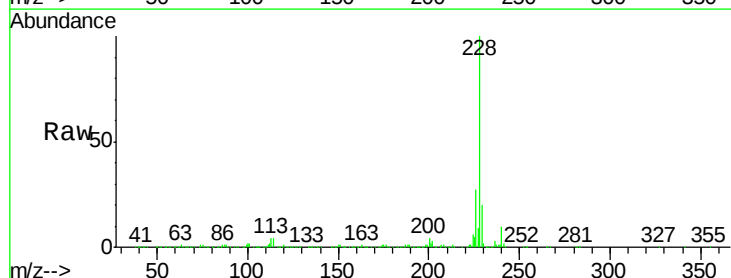
Tgt Ion:228 Resp: 781606

Ion Ratio Lower Upper

228 100

226 27.1 22.7 34.1

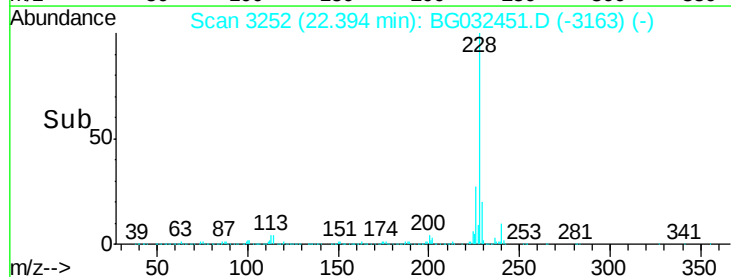
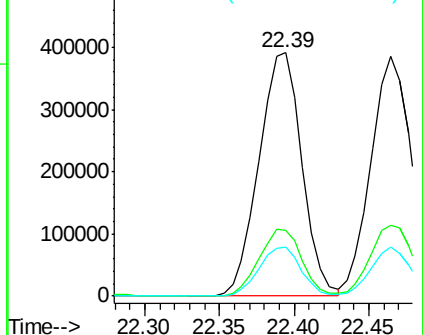
229 20.3 16.2 24.2

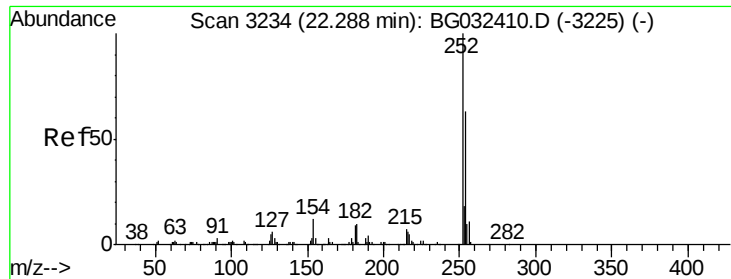


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

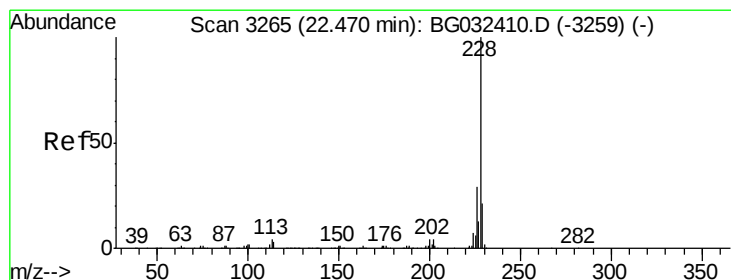
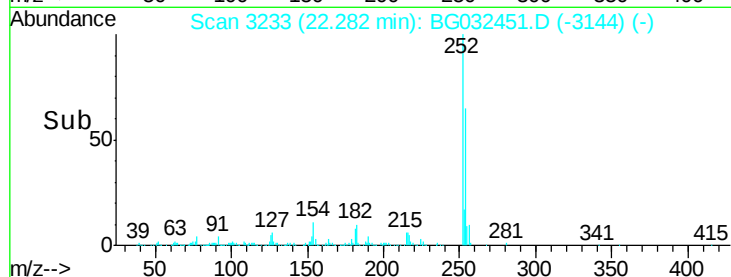
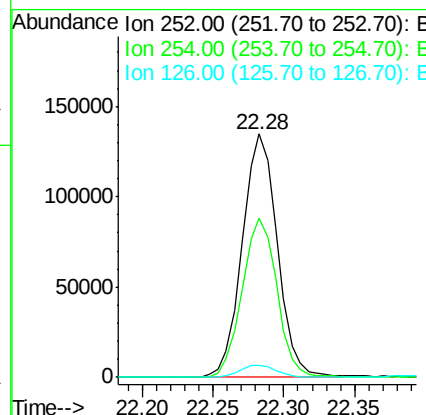
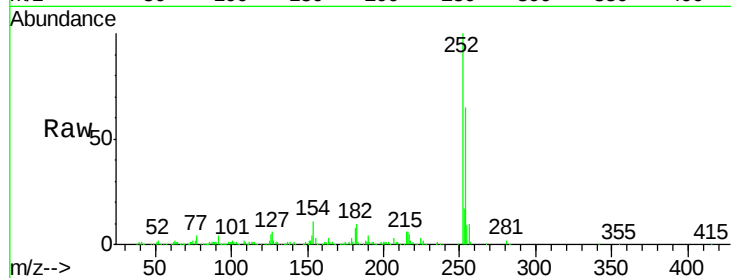




#81
 3,3'-Dichlorobenzidine
 Concen: 37.645 ng
 RT: 22.28 min Scan# 3233
 Delta R.T. -0.01 min
 Lab File: BG032451.D
 Acq: 30 Jan 2018 21:00

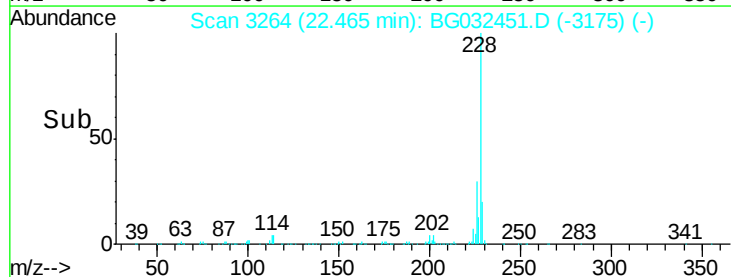
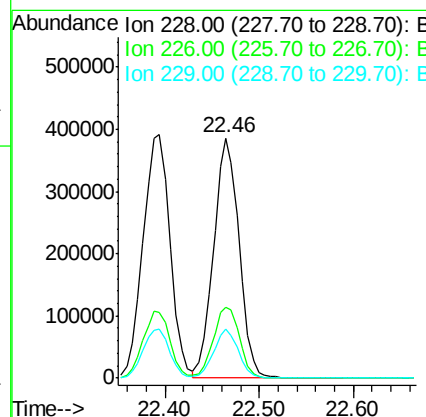
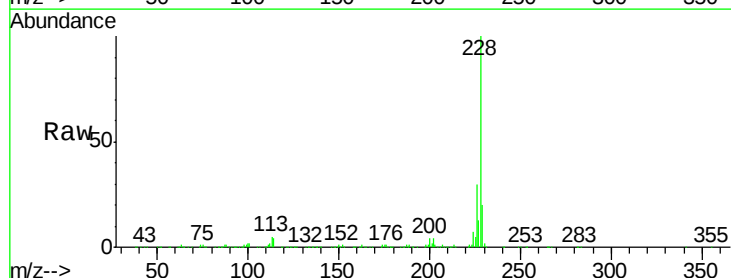
Instrument :
 BNA_G
 ClientSampleId :
 EPE-106-5(100-102)MS

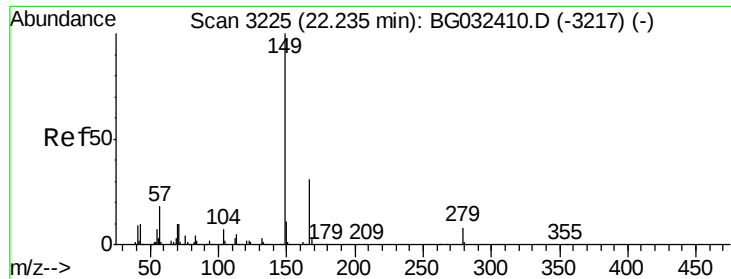
Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.2	50.8	76.2
126	5.1	7.4	11.2#



#82
 Chrysene
 Concen: 46.960 ng
 RT: 22.46 min Scan# 3264
 Delta R.T. -0.01 min
 Lab File: BG032451.D
 Acq: 30 Jan 2018 21:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.9	37.3
229	20.4	15.0	22.4

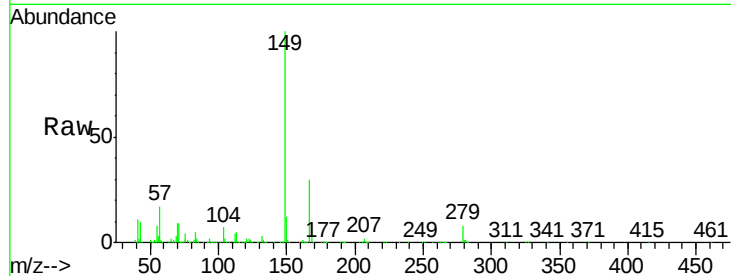




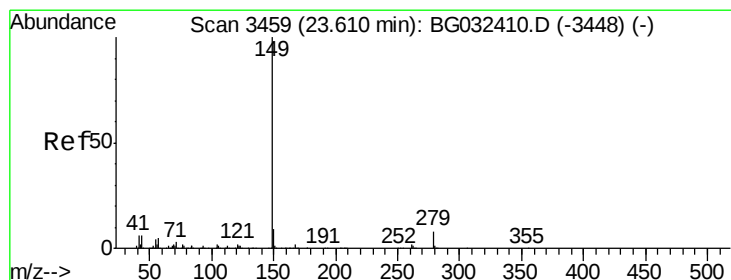
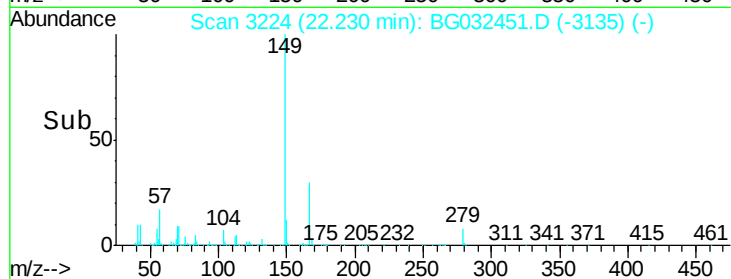
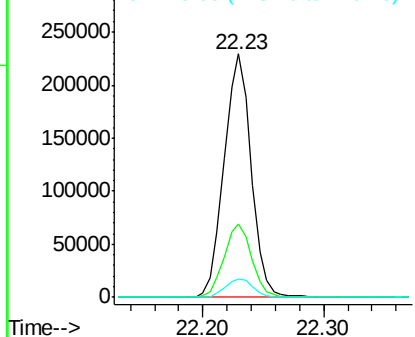
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.961 ng
 RT: 22.23 min Scan# 3224
 Delta R.T. -0.01 min
 Lab File: BG032451.D
 Acq: 30 Jan 2018 21:00

Instrument :
 BNA_G
 ClientSampleId :
 EPE-106-5(100-102)MS

Tgt Ion:149 Resp: 355599
 Ion Ratio Lower Upper
 149 100
 167 30.4 24.3 36.5
 279 7.7 4.0 6.0#

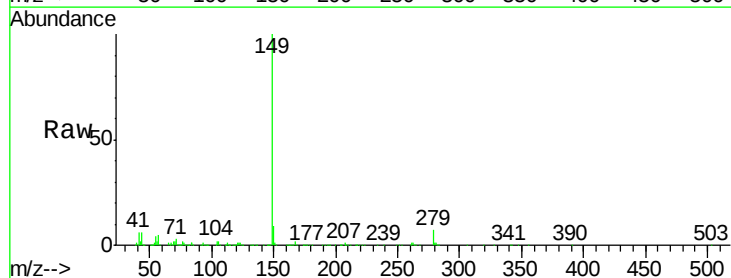


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

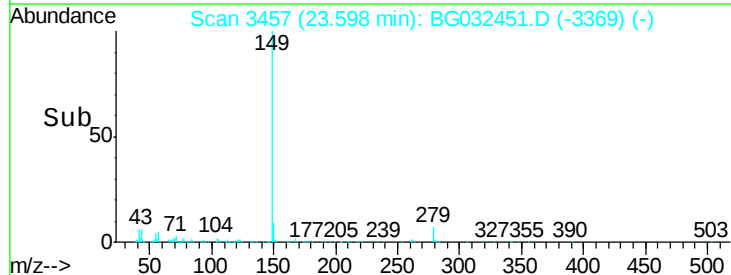
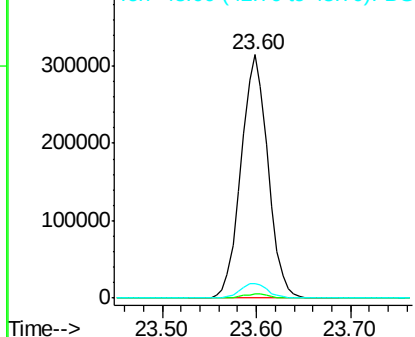


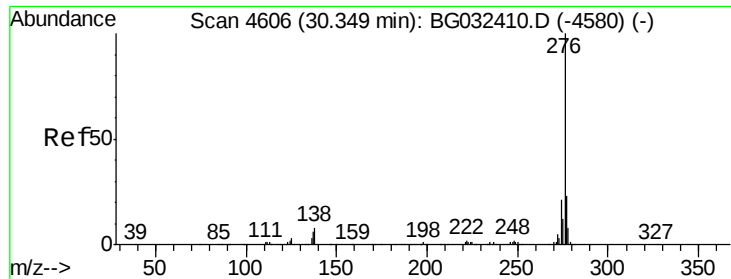
#84
 Di-n-octyl phthalate
 Concen: 54.871 ng
 RT: 23.60 min Scan# 3457
 Delta R.T. -0.01 min
 Lab File: BG032451.D
 Acq: 30 Jan 2018 21:00

Tgt Ion:149 Resp: 619452
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.4 2.0
 43 6.1 8.9 13.3#



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): BG

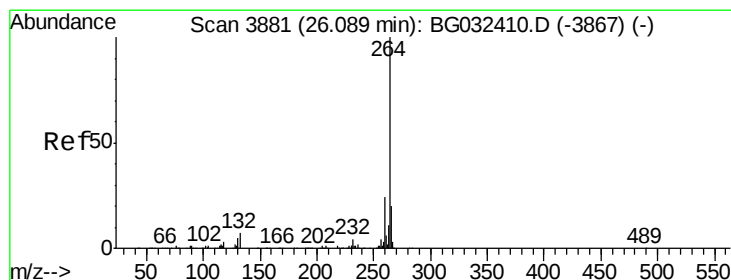
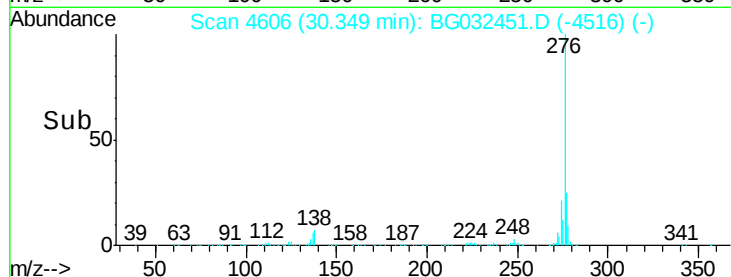
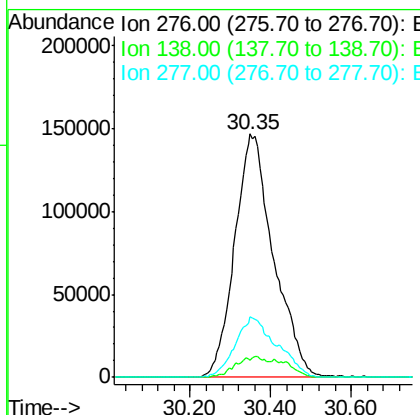
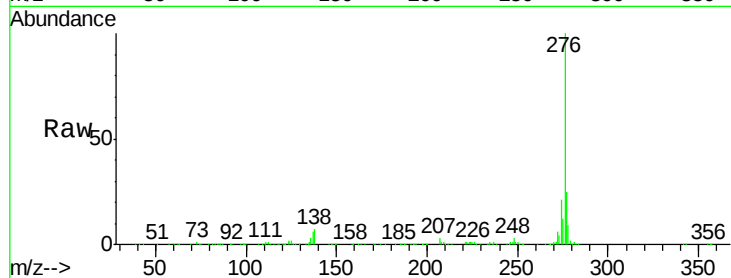




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 50.076 ng
 RT: 30.35 min Scan# 4606
 Delta R.T. 0.00 min
 Lab File: BG032451.D
 Acq: 30 Jan 2018 21:00

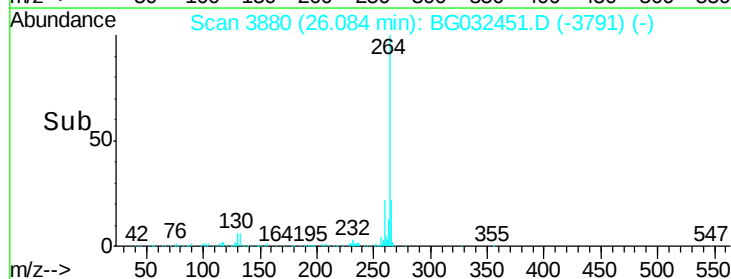
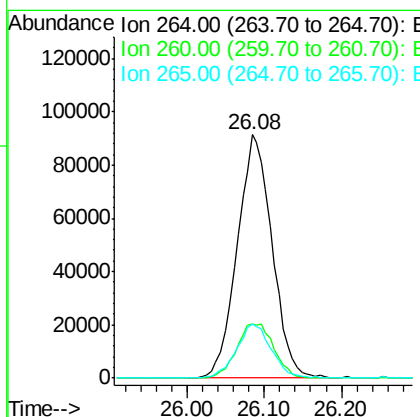
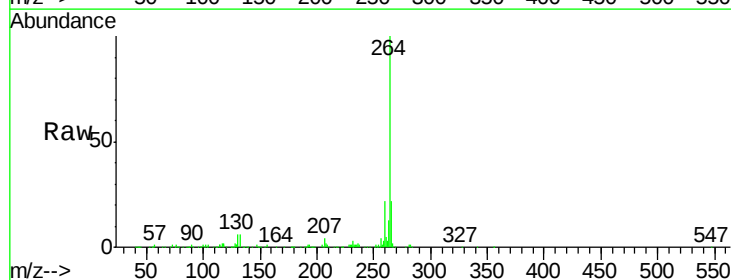
Instrument :
 BNA_G
 ClientSampleId :
 EPE-106-5(100-102)MS

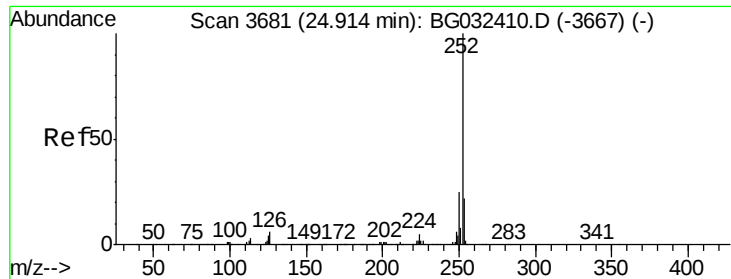
Tgt Ion	Ratio	Lower	Upper
276	100		
138	3.6	16.0	24.0#
277	26.5	20.0	30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.08 min Scan# 3880
 Delta R.T. -0.01 min
 Lab File: BG032451.D
 Acq: 30 Jan 2018 21:00

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.3	17.4	26.0
265	22.0	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 47.674 ng

RT: 24.91 min Scan# 3680

Delta R.T. -0.01 min

Lab File: BG032451.D

Acq: 30 Jan 2018 21:00

Instrument :

BNA_G

ClientSampleId :

EPE-106-5(100-102)MS

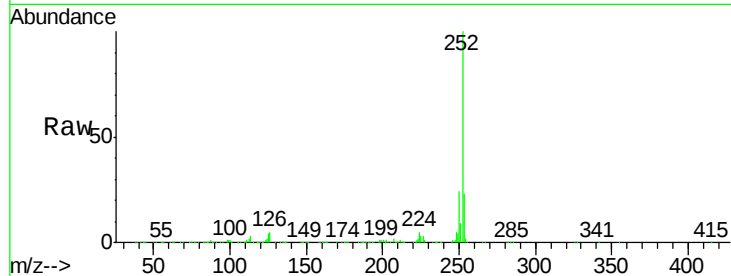
Tgt Ion:252 Resp: 831176

Ion Ratio Lower Upper

252 100

253 23.0 18.2 27.4

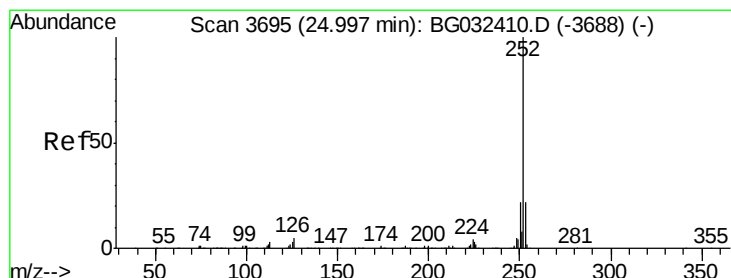
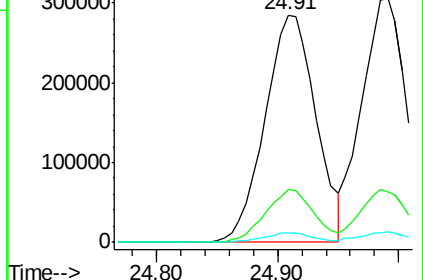
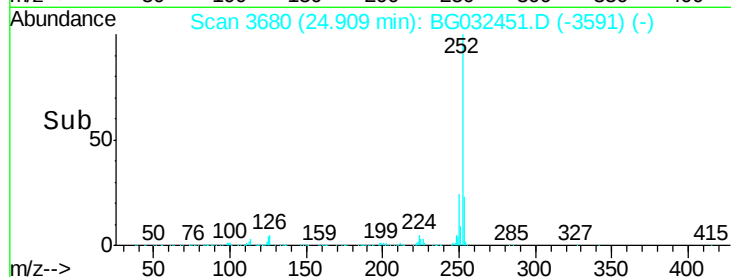
125 4.3 7.2 10.8#



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



#88

Benzo(k)fluoranthene

Concen: 46.493 ng

RT: 24.99 min Scan# 3694

Delta R.T. -0.01 min

Lab File: BG032451.D

Acq: 30 Jan 2018 21:00

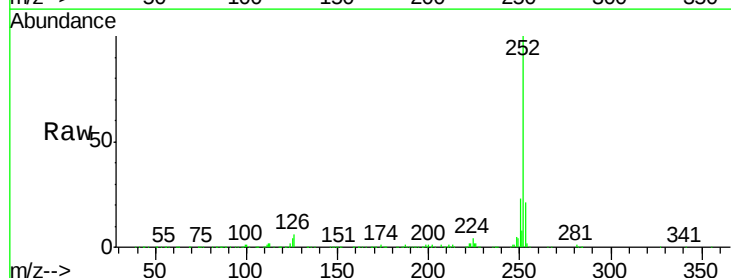
Tgt Ion:252 Resp: 802987

Ion Ratio Lower Upper

252 100

253 20.9 17.4 26.2

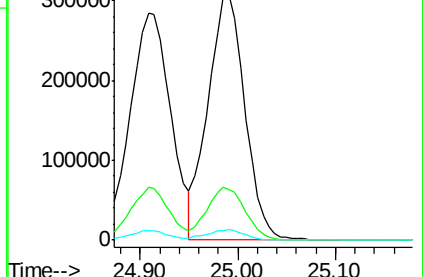
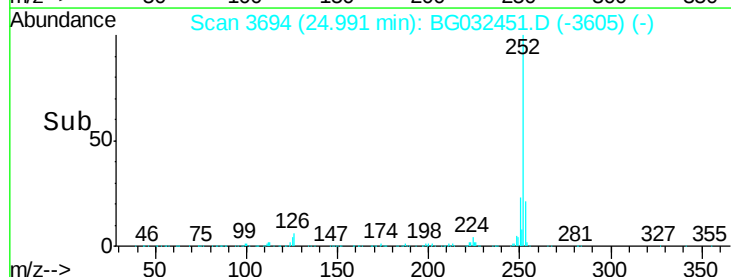
125 4.2 6.6 9.8#

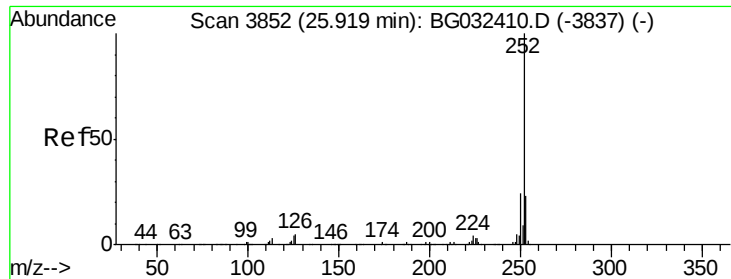


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 48.244 ng

RT: 25.92 min Scan# 3852

Delta R.T. 0.00 min

Lab File: BG032451.D

Acq: 30 Jan 2018 21:00

Instrument :

BNA_G

ClientSampleId :

EPE-106-5(100-102)MS

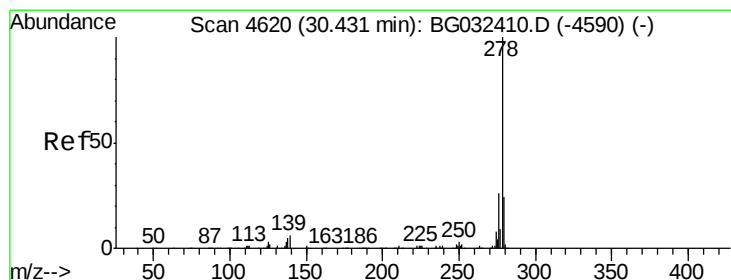
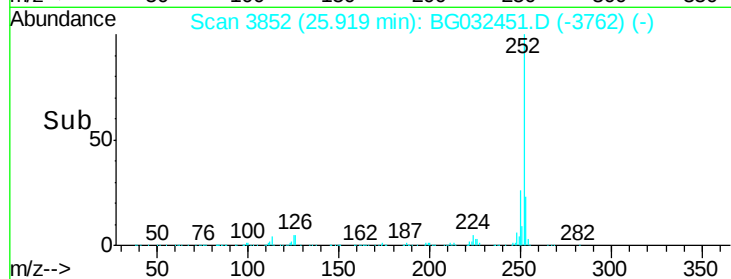
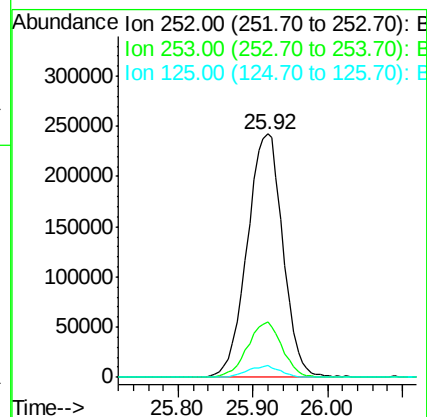
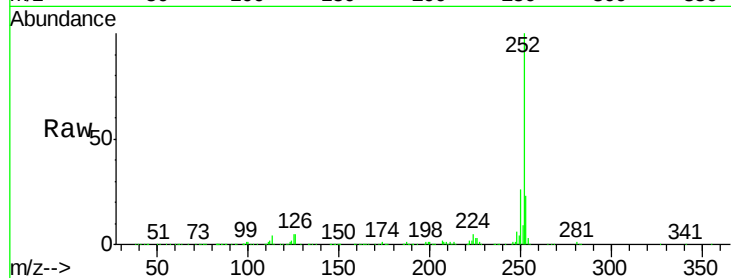
Tgt Ion:252 Resp: 801886

Ion Ratio Lower Upper

252 100

253 22.7 18.3 27.5

125 5.1 7.3 10.9#



#90

Dibenzo(a,h)anthracene

Concen: 48.663 ng

RT: 30.43 min Scan# 4620

Delta R.T. 0.00 min

Lab File: BG032451.D

Acq: 30 Jan 2018 21:00

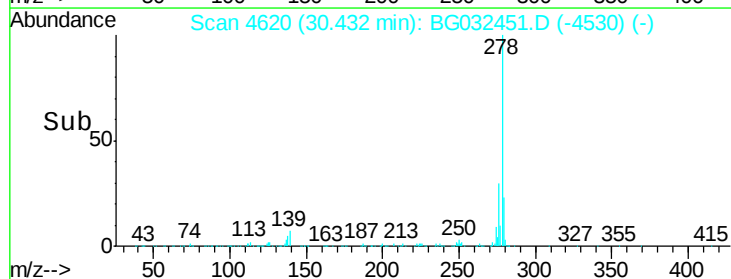
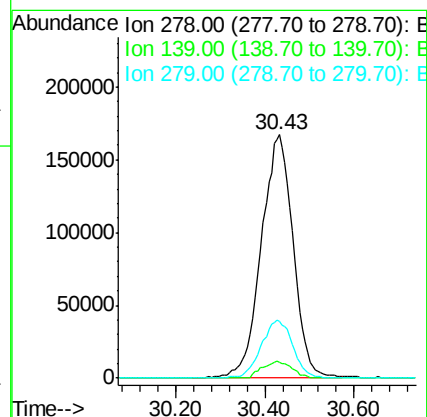
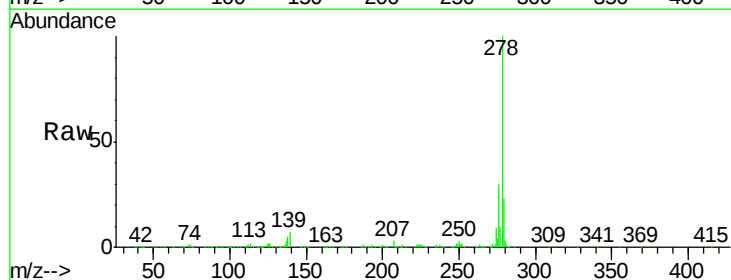
Tgt Ion:278 Resp: 827423

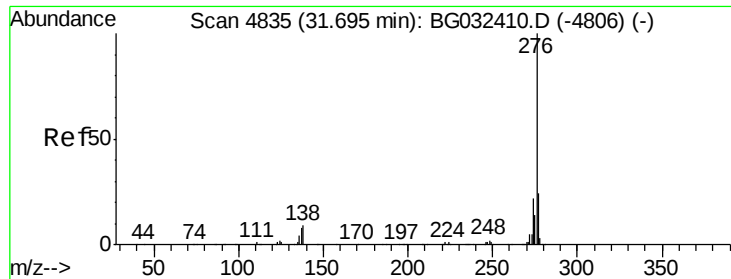
Ion Ratio Lower Upper

278 100

139 6.7 9.8 14.6#

279 23.1 18.4 27.6





#91
 Benzo(g,h,i)perylene
 Concen: 48.322 ng
 RT: 31.69 min Scan# 4834
 Delta R.T. -0.01 min
 Lab File: BG032451.D
 Acq: 30 Jan 2018 21:00

Instrument :
 BNA_G
 ClientSampleId :
 EPE-106-5(100-102)MS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.3	27.5
138	8.7	13.9	20.9

