

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021418\
 Data File : BG032693.D
 Acq On : 14 Feb 2018 22:39
 Operator : SJ/JU
 Sample : PB106539BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB106539BSD

Quant Time: Feb 15 02:55:40 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 12 18:08:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.66	152	30385	20.00	ng	-0.02
21) Naphthalene-d8	11.54	136	120082	20.00	ng	-0.01
38) Acenaphthene-d10	15.30	164	88260	20.00	ng	-0.01
63) Phenanthrene-d10	18.03	188	238851	20.00	ng	-0.01
75) Chrysene-d12	22.35	240	299493	20.00	ng	-0.02
86) Perylene-d12	25.98	264	329541	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.10	112	108985	71.96	ng	-0.01
7) Phenol-d6	7.79	99	158465	76.52	ng	0.00
23) Nitrobenzene-d5	9.84	82	129594	68.59	ng	-0.03
41) 2,4,6-Tribromophenol	16.78	330	144082	106.02	ng	-0.01
44) 2-Fluorobiphenyl	13.92	172	605983	85.86	ng	-0.01
78) Terphenyl-d14	20.58	244	1129591	85.96	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.76	88	14359	22.665	ng	# 78
3) Pyridine	4.21	79	39564	24.347	ng	# 78
4) n-Nitrosodimethylamine	4.13	42	22272	29.169	ng	# 61
6) Aniline	7.95	93	29194	11.928	ng	# 93
8) 2-Chlorophenol	8.21	128	80112	46.002	ng	# 81
9) Benzaldehyde	7.76	77	11793	9.636	ng	# 94
10) Phenol	7.81	94	80125	39.783	ng	# 88
11) bis(2-Chloroethyl)ether	8.05	93	53339	33.035	ng	# 82
12) 1,3-Dichlorobenzene	8.54	146	93205	37.948	ng	# 97
13) 1,4-Dichlorobenzene	8.69	146	95751	39.460	ng	# 95
14) 1,2-Dichlorobenzene	9.02	146	94708	38.697	ng	# 98
15) Benzyl Alcohol	8.90	79	61816	39.826	ng	# 94
16) 2,2'-oxybis(1-Chloropropan	9.18	45	55905	32.171	ng	# 60
17) 2-Methylphenol	9.10	107	58117	40.746	ng	# 95
18) Hexachloroethane	9.77	117	33865	38.222	ng	# 83
19) n-Nitroso-di-n-propylamine	9.47	70	49943	35.874	ng	# 93
20) 3+4-Methylphenols	9.44	107	80966	37.558	ng	# 94
22) Acetophenone	9.50	105	108026	42.299	ng	# 94
24) Nitrobenzene	9.90	77	58476	29.559	ng	# 90
25) Isophorone	10.41	82	141786	39.360	ng	# 87
26) 2-Nitrophenol	10.63	139	43262	40.888	ng	# 80
27) 2,4-Dimethylphenol	10.66	122	79191	56.968	ng	# 96
28) bis(2-Chloroethoxy)methane	10.90	93	77289	41.970	ng	# 92
29) 2,4-Dichlorophenol	11.17	162	103962	51.098	ng	# 87
30) 1,2,4-Trichlorobenzene	11.39	180	116567	40.867	ng	# 96
31) Naphthalene	11.58	128	247261	42.406	ng	# 99
32) Benzoic acid	10.78	122	32225	30.671	ng	# 90
33) 4-Chloroaniline	11.68	127	35156	15.196	ng	# 97
34) Hexachlorobutadiene	11.85	225	91571	39.172	ng	# 94
35) Caprolactam	12.45	113	28436	49.217	ng	# 49
36) 4-Chloro-3-methylphenol	12.78	107	92376	50.476	ng	# 87
37) 2-Methylnaphthalene	13.15	142	208942	44.178	ng	# 98
39) 1,2,4,5-Tetrachlorobenzene	13.51	216	169451	40.649	ng	# 96
40) Hexachlorocyclopentadiene	13.48	237	217297	82.370	ng	# 92

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

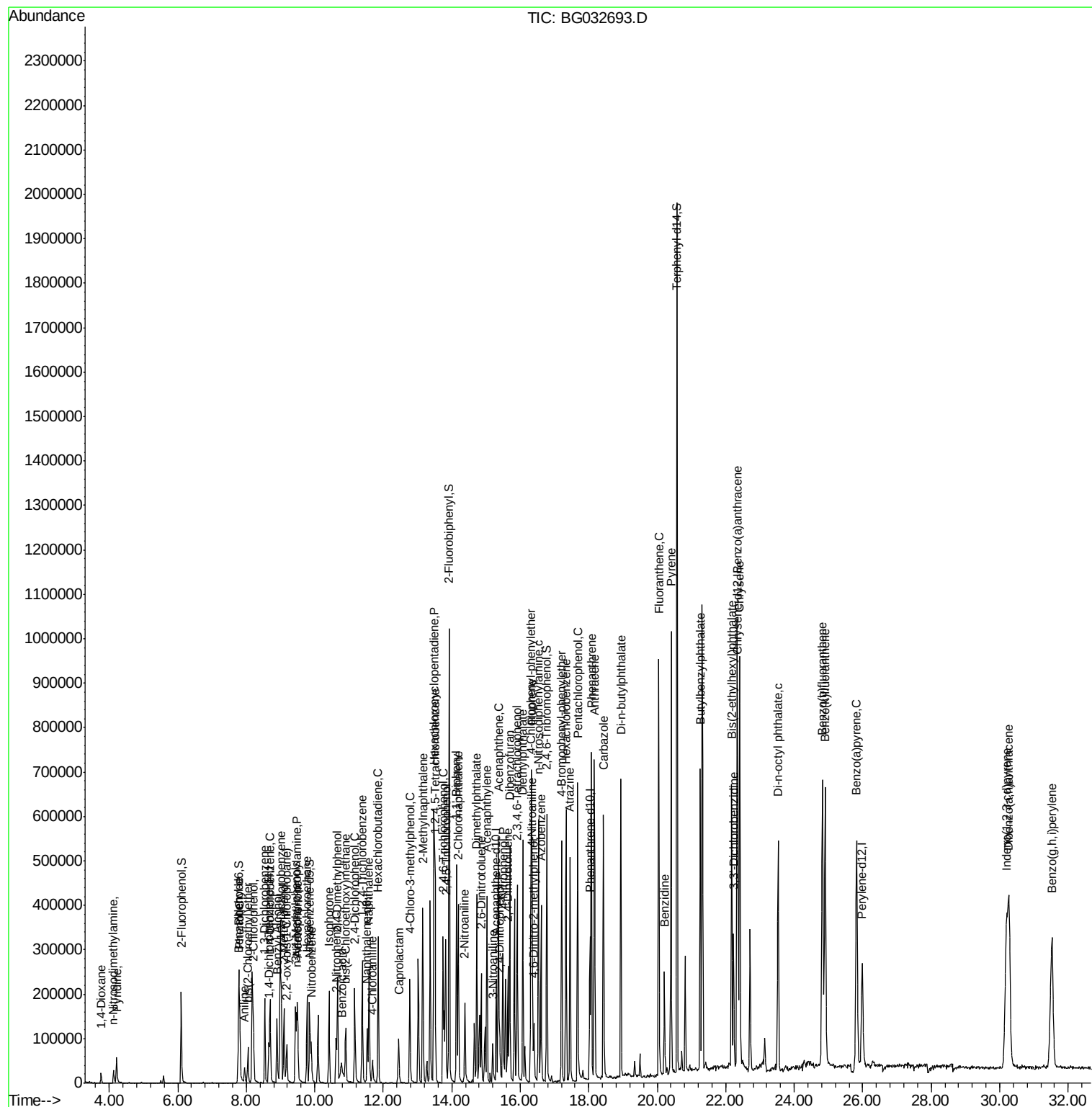
42) 2,4,6-Trichlorophenol	13.75	196	105427	50.671	nq	97
43) 2,4,5-Trichlorophenol	13.82	196	114816	44.282	nq #	91
45) 1,1'-Biphenyl	14.13	154	303466	41.787	nq	97
46) 2-Chloronaphthalene	14.19	162	238995	41.589	nq	97
47) 2-Nitroaniline	14.38	65	54120	43.295	nq #	77
48) Acenaphthylene	15.03	152	332100	39.281	nq	98
49) Dimethylphthalate	14.73	163	318625	41.764	nq	98
50) 2,6-Dinitrotoluene	14.86	165	65909	41.948	nq #	77
51) Acenaphthene	15.36	154	247805	42.919	nq	100
52) 3-Nitroaniline	15.19	138	29834	21.502	nq #	67
53) 2,4-Dinitrophenol	15.39	184	41338	53.243	nq #	70
54) Dibenzofuran	15.69	168	385294	44.853	nq	97
55) 4-Nitrophenol	15.49	139	98008	94.195	nq #	75
56) 2,4-Dinitrotoluene	15.64	165	103532	47.823	nq #	69
57) Fluorene	16.34	166	319241	45.190	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.91	232	126027	51.626	nq #	84
59) Diethylphthalate	16.07	149	325192	43.807	nq	97
60) 4-Chlorophenyl-phenylether	16.31	204	205307	44.017	nq	95
61) 4-Nitroaniline	16.35	138	55806	39.011	nq	81
62) Azobenzene	16.61	77	204343	42.845	nq #	83
64) 4,6-Dinitro-2-methylphenol	16.40	198	43690	27.539	nq	73
65) n-Nitrosodiphenylamine	16.53	169	288510	41.186	nq	99
66) 4-Bromophenyl-phenylether	17.21	248	147257	43.079	nq	95
67) Hexachlorobenzene	17.34	284	156834	42.718	nq #	91
68) Atrazine	17.45	200	138444	46.078	nq	98
69) Pentachlorophenol	17.67	266	151064	67.210	nq	98
70) Phenanthrene	18.08	178	535694	41.751	nq	100
71) Anthracene	18.16	178	564255	42.980	nq	97
72) Carbazole	18.43	167	465914	41.624	nq	98
73) Di-n-butylphthalate	18.94	149	540530	42.888	nq	100
74) Fluoranthene	20.04	202	699632	40.845	nq	94
76) Benzidine	20.21	184	166715	23.640	nq	98
77) Pyrene	20.40	202	728544	40.889	nq	99
79) Butylbenzylphthalate	21.26	149	255657	43.557	nq #	75
80) Benzo(a)anthracene	22.34	228	796489	42.476	nq	99
81) 3,3'-Dichlorobenzidine	22.22	252	146931	20.981	nq #	95
82) Chrysene	22.41	228	751817	40.661	nq	99
83) Bis(2-ethylhexyl)phthalate	22.18	149	336909	39.805	nq #	97
84) Di-n-octyl phthalate	23.53	149	572621	43.121	nq #	89
85) Indeno(1,2,3-cd)pyrene	30.20	276	936216	42.742	nq #	85
87) Benzo(b)fluoranthene	24.83	252	811573	41.325	nq #	96
88) Benzo(k)fluoranthene	24.90	252	809183	39.812	nq #	94
89) Benzo(a)pyrene	25.82	252	773147	40.410	nq #	94
90) Dibenzo(a,h)anthracene	30.26	278	783017	41.109	nq #	94
91) Benzo(g,h,i)perylene	31.53	276	775977	42.144	nq #	90

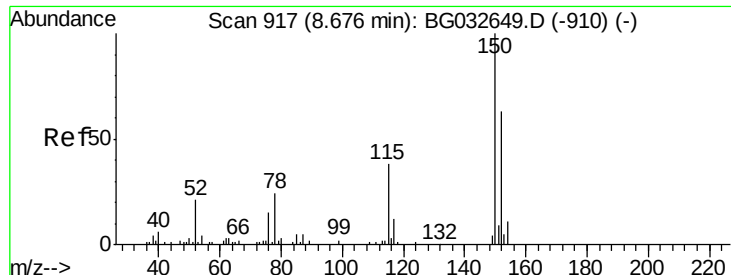
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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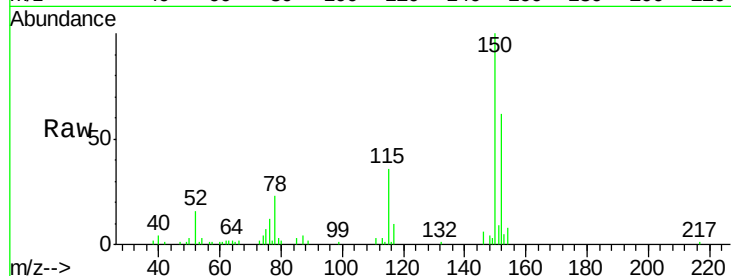


#1

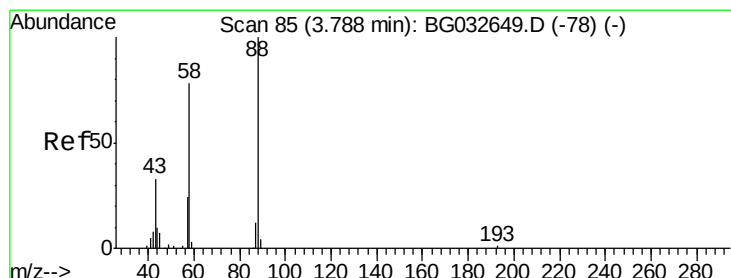
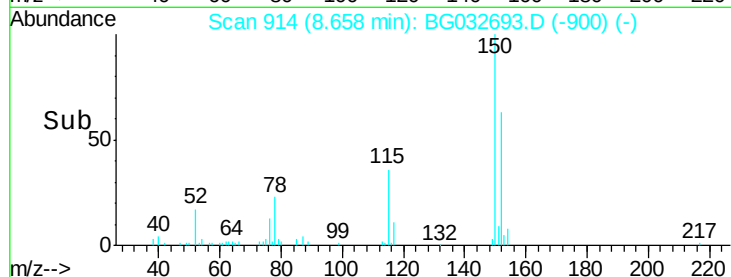
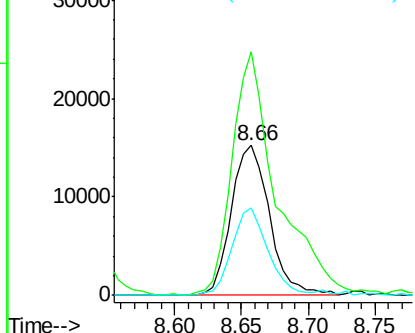
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.66 min Scan# 914
Delta R.T. -0.02 min
Lab File: BG032693.D
Acq: 14 Feb 2018 22:39

Instrument :
BNA_G
ClientSampleId :
PB106539BSD

Tot Ion:152 Resp: 30385
Ion Ratio Lower Upper
152 100
150 162.5 126.6 189.8
115 58.2 53.0 79.4



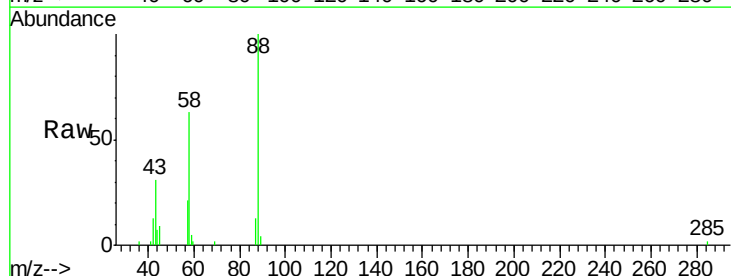
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



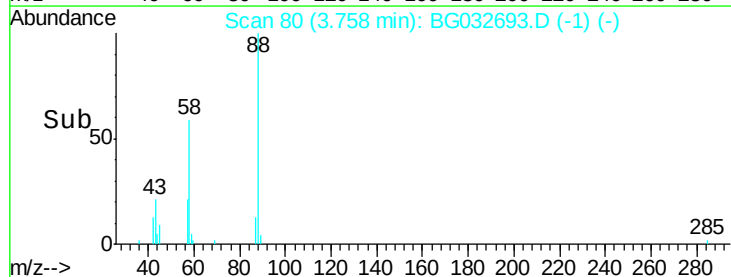
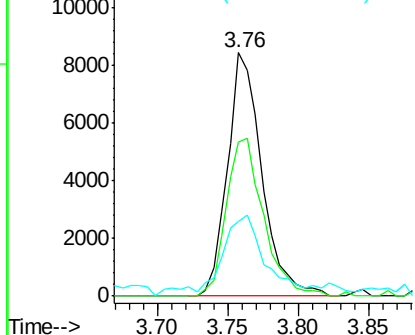
#2

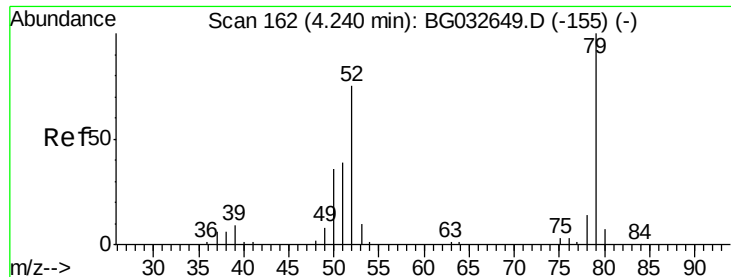
1,4-Dioxane
Concen: 22.665 ng
RT: 3.76 min Scan# 80
Delta R.T. -0.03 min
Lab File: BG032693.D
Acq: 14 Feb 2018 22:39

Tgt Ion: 88 Resp: 14359
Ion Ratio Lower Upper
88 100
58 70.0 79.6 119.4#
43 34.8 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

Pvridine

Concen: 24.347 ng

RT: 4.21 min Scan# 157

Delta R.T. -0.03 min

Lab File: BG032693.D

Acq: 14 Feb 2018 22:39

Instrument :

BNA_G

ClientSampleId :

PB106539BSD

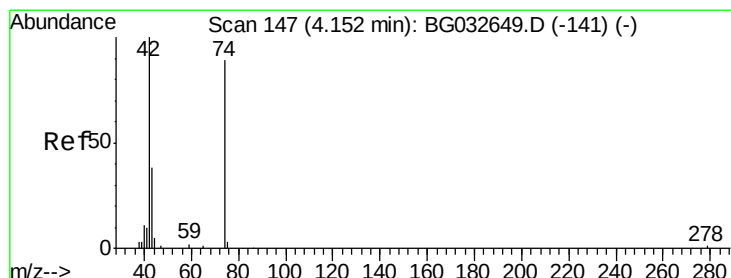
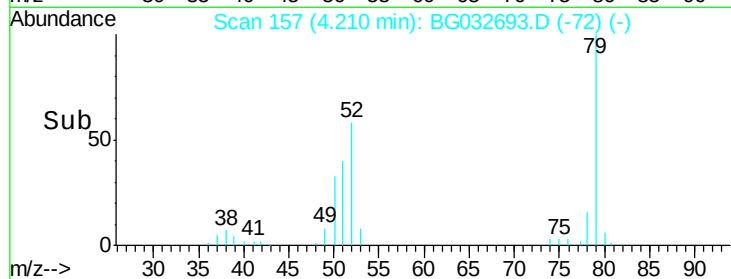
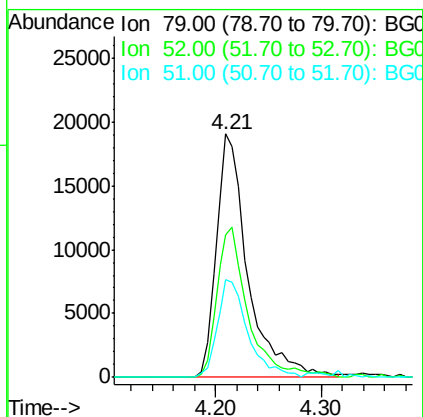
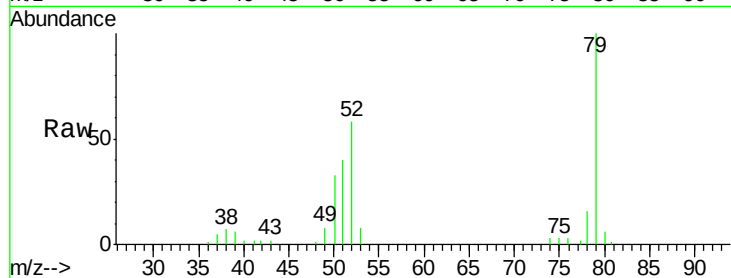
Tot Ion: 79 Resp: 39564

Ion Ratio Lower Upper

79 100

52 58.3 69.9 104.9#

51 40.1 34.0 51.0



#4

n-Nitrosodimethylamine

Concen: 29.169 ng

RT: 4.13 min Scan# 143

Delta R.T. -0.02 min

Lab File: BG032693.D

Acq: 14 Feb 2018 22:39

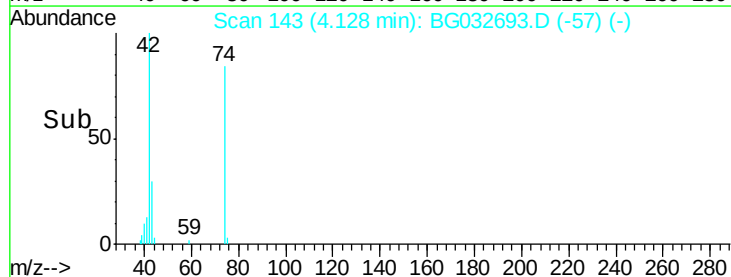
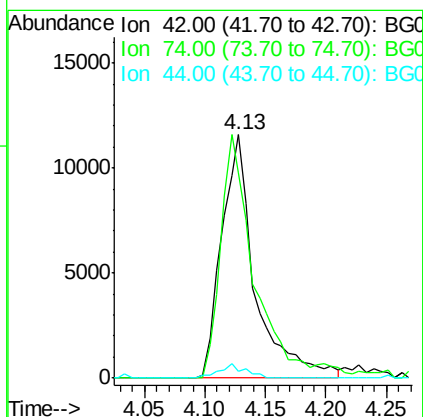
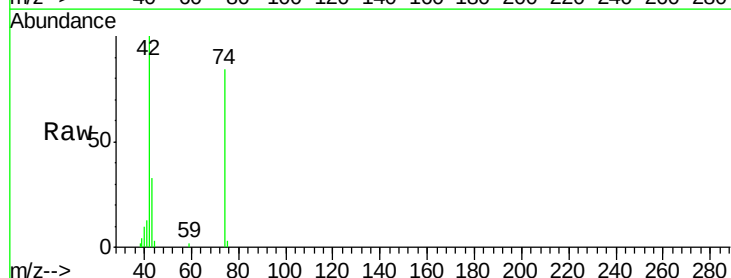
Tgt Ion: 42 Resp: 22272

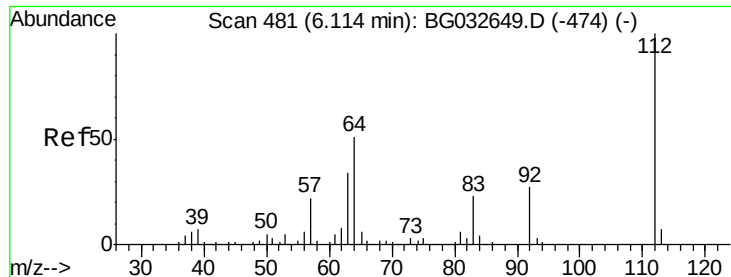
Ion Ratio Lower Upper

42 100

74 84.2 102.5 153.7#

44 2.9 18.9 28.3#





#5

2-Fluorophenol

Concen: 71.964 ng

RT: 6.10 min Scan# 479

Delta R.T. -0.01 min

Lab File: BG032693.D

Acq: 14 Feb 2018 22:39

Instrument :

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ClientSampleId :

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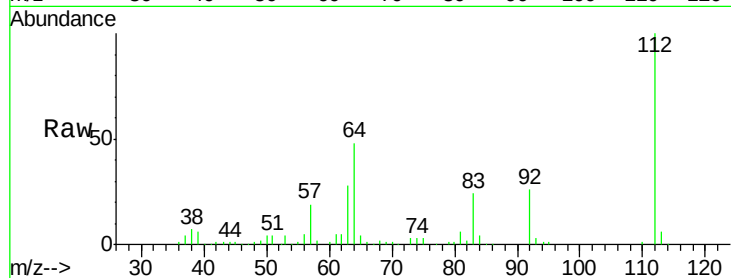
Tot Ion:112 Resp: 108985

Ion Ratio Lower Upper

112 100

64 48.5 56.3 84.5#

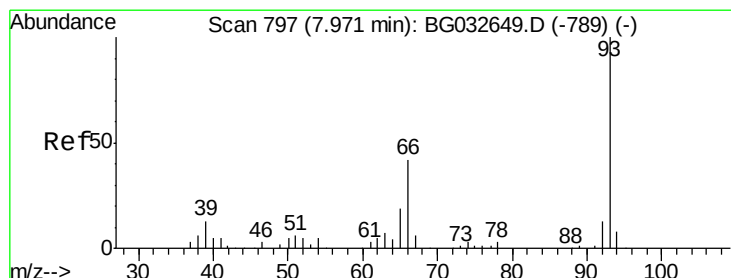
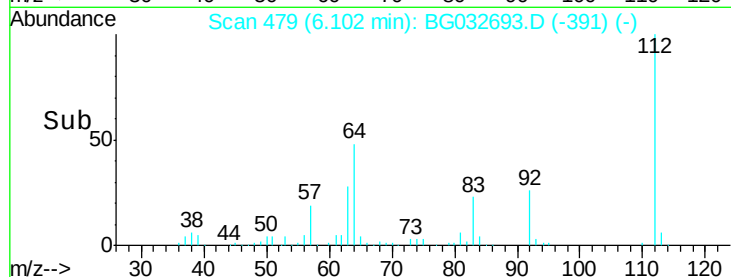
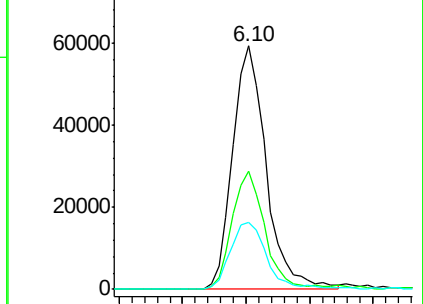
63 27.7 30.1 45.1#



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: 11.928 ng

RT: 7.95 min Scan# 794

Delta R.T. -0.02 min

Lab File: BG032693.D

Acq: 14 Feb 2018 22:39

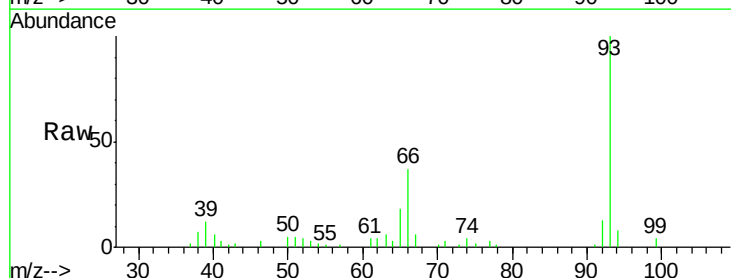
Tgt Ion: 93 Resp: 29194

Ion Ratio Lower Upper

93 100

66 36.6 33.7 50.5

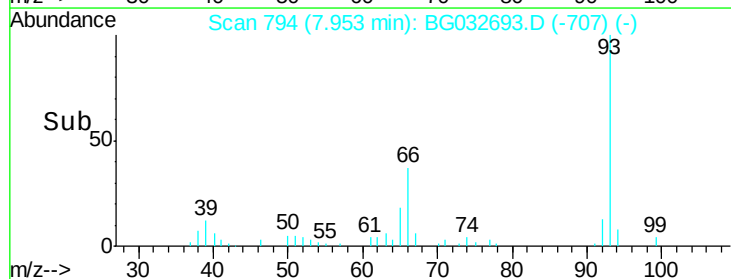
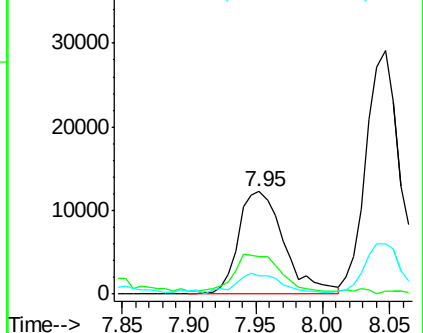
65 18.5 16.1 24.1

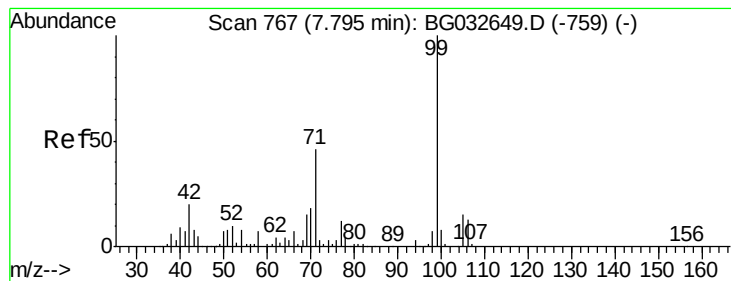


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 76.522 ng

RT: 7.79 min Scan# 766

Delta R.T. -0.01 min

Lab File: BG032693.D

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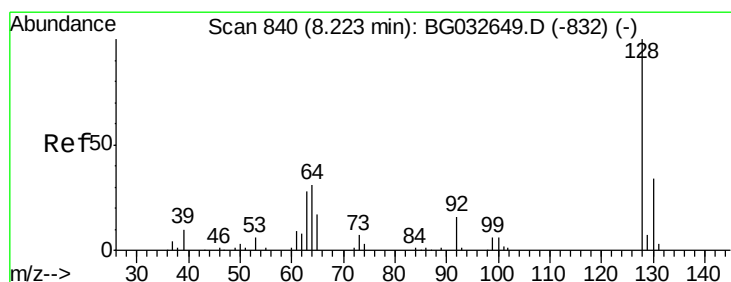
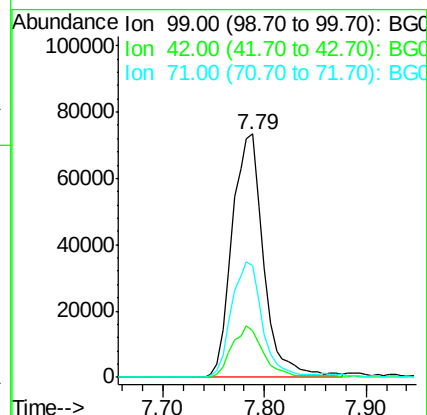
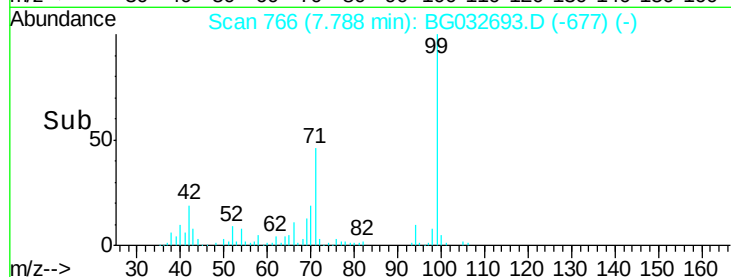
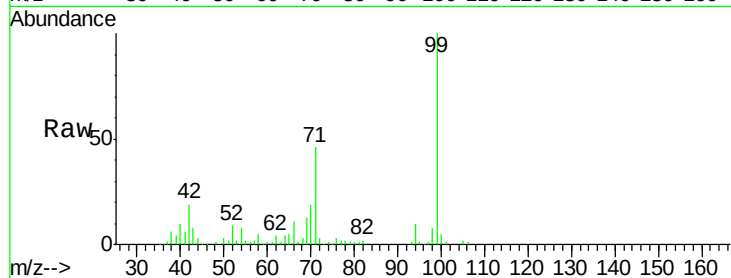
Tot Ion: 99 Resp: 158465

Ion Ratio Lower Upper

99 100

42 19.0 14.1 21.1

71 45.9 26.1 39.1#



#8

2-Chlorophenol

Concen: 46.002 ng

RT: 8.21 min Scan# 837

Delta R.T. -0.02 min

Lab File: BG032693.D

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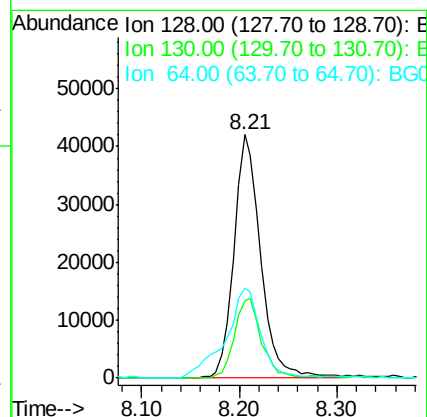
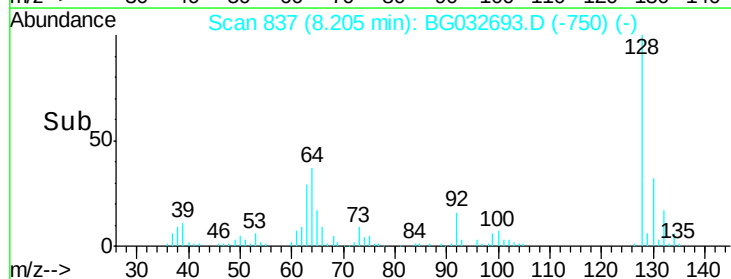
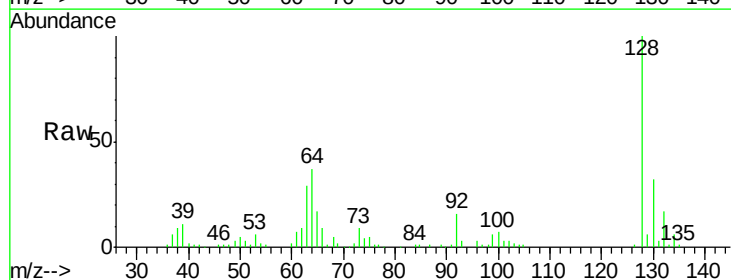
Tgt Ion: 128 Resp: 80112

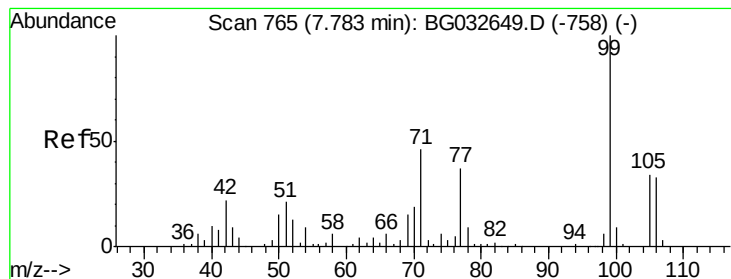
Ion Ratio Lower Upper

128 100

130 31.8 14.0 54.0

64 37.0 37.7 77.7#





#9

Benzaldehyde

Concen: 9.636 ng

RT: 7.76 min Scan# 762

Delta R.T. -0.02 min

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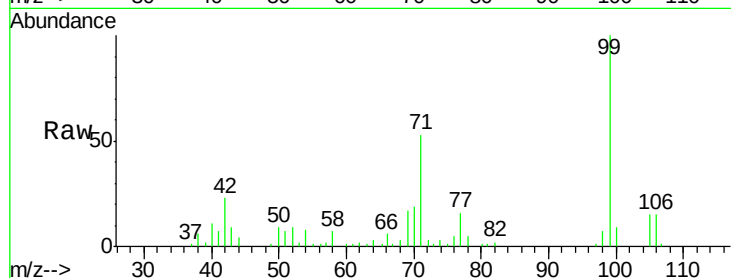
Tot Ion: 77 Resp: 11793

Ion Ratio Lower Upper

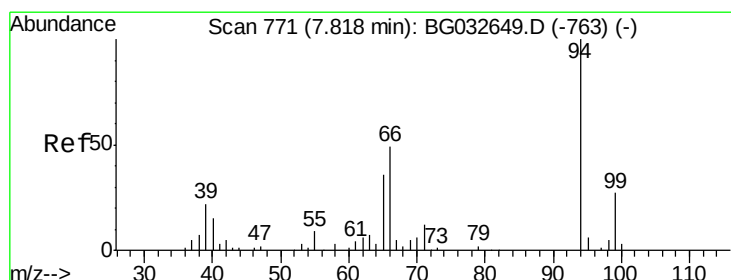
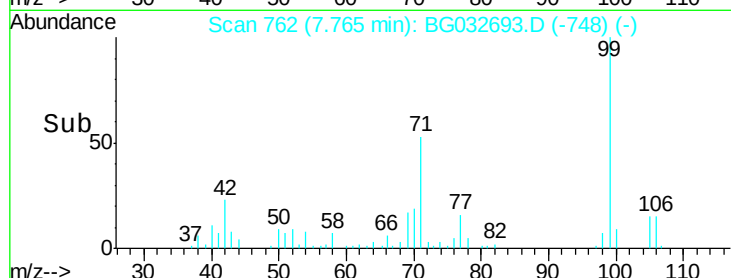
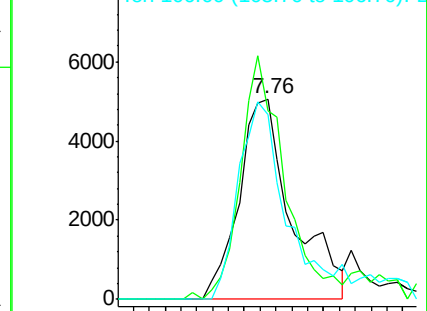
77 100

105 93.8 71.3 111.3

106 92.1 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: 39.783 ng

RT: 7.81 min Scan# 769

Delta R.T. -0.01 min

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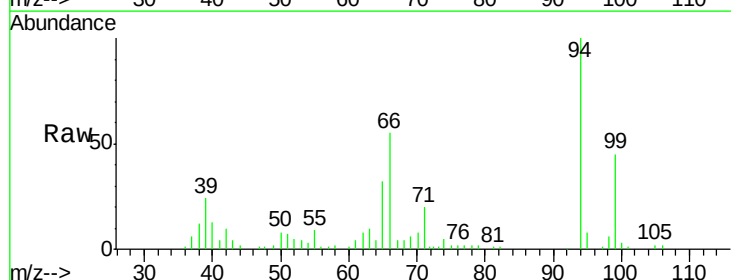
Tgt Ion: 94 Resp: 80125

Ion Ratio Lower Upper

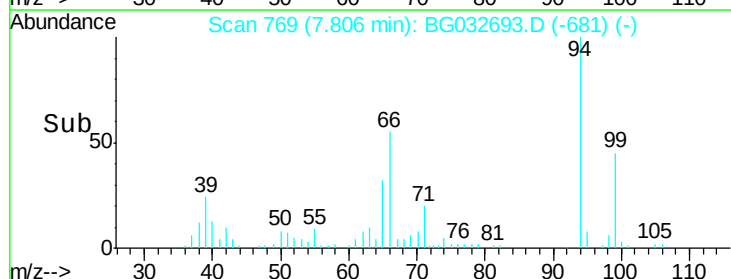
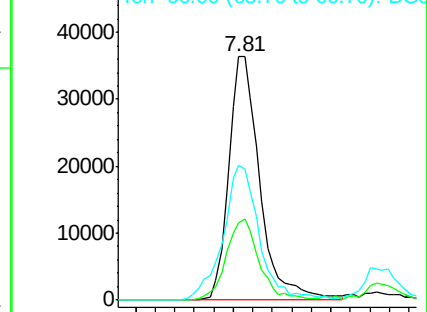
94 100

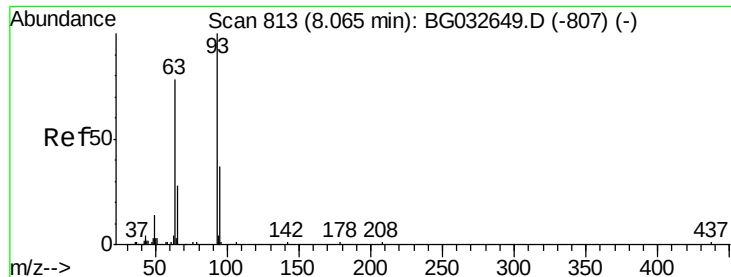
65 31.6 11.9 51.9

66 55.3 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

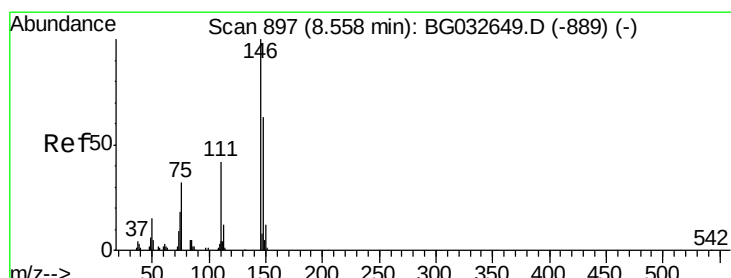
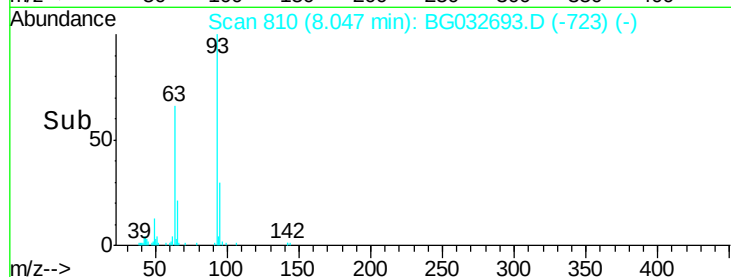
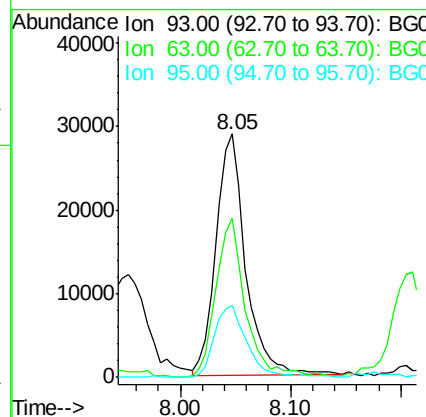
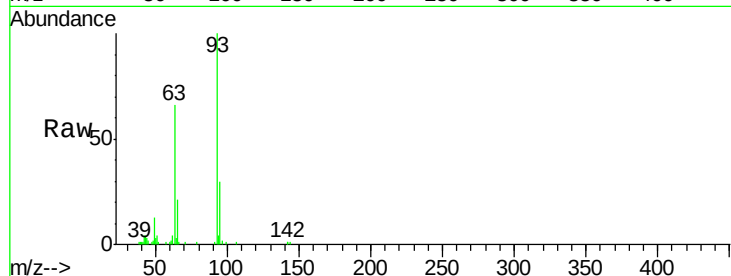




#11
 bis(2-Chloroethyl)ether
 Concen: 33.035 ng
 RT: 8.05 min Scan# 810
 Delta R.T. -0.02 min
 Lab File: BG032693.D
 Acq: 14 Feb 2018 22:39

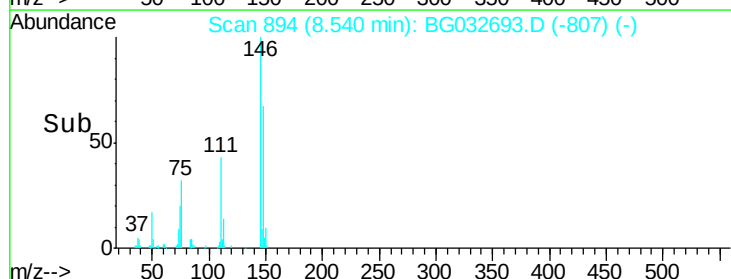
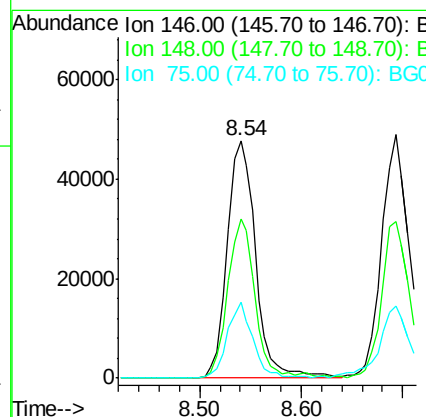
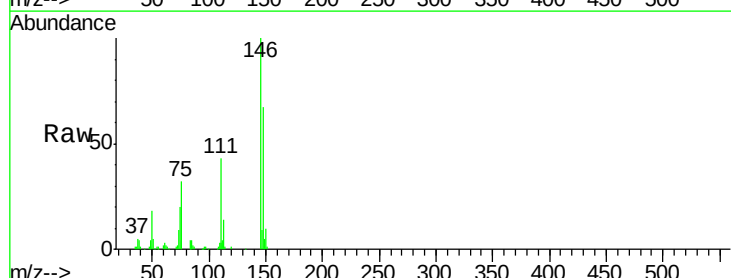
Instrument :
 BNA_G
 ClientSampleId :
 PB106539BSD

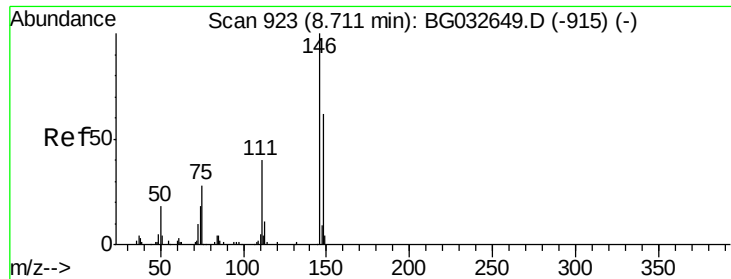
Tot Ion	Ratio	Lower	Upper
93	100		
63	65.5	67.1	107.1#
95	29.5	11.5	51.5



#12
 1,3-Dichlorobenzene
 Concen: 37.948 ng
 RT: 8.54 min Scan# 894
 Delta R.T. -0.02 min
 Lab File: BG032693.D
 Acq: 14 Feb 2018 22:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.9	51.4	77.2
75	31.9	26.6	39.8

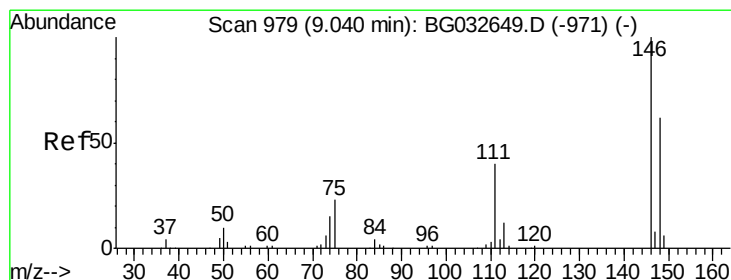
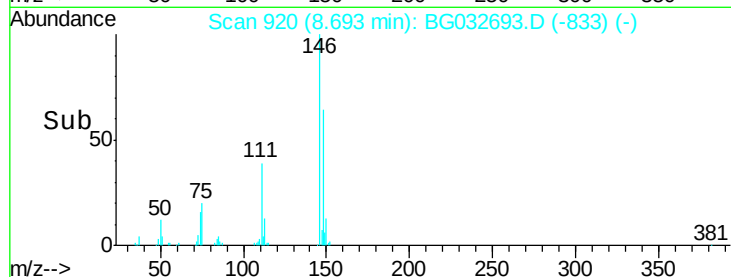
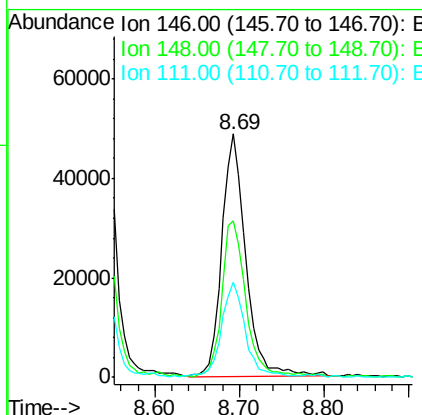
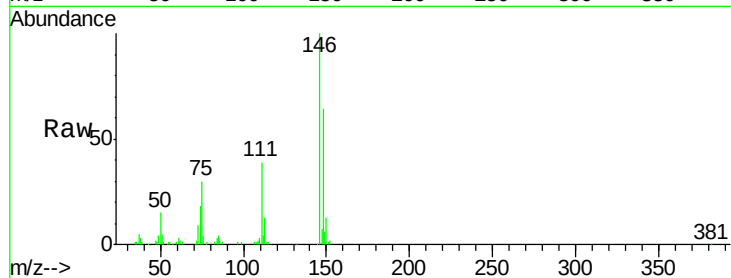




#13
 1,4-Dichlorobenzene
 Concen: 39.460 ng
 RT: 8.69 min Scan# 920
 Delta R.T. -0.02 min
 Lab File: BG032693.D
 Acq: 14 Feb 2018 22:39

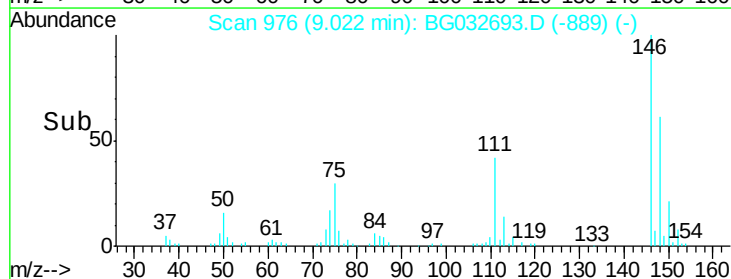
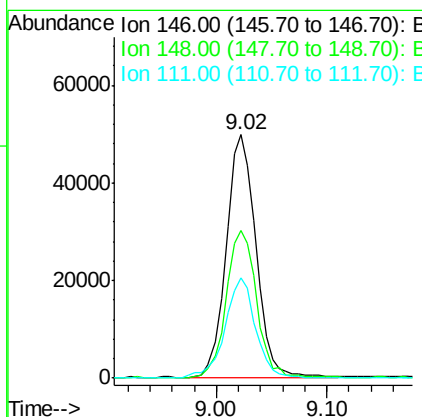
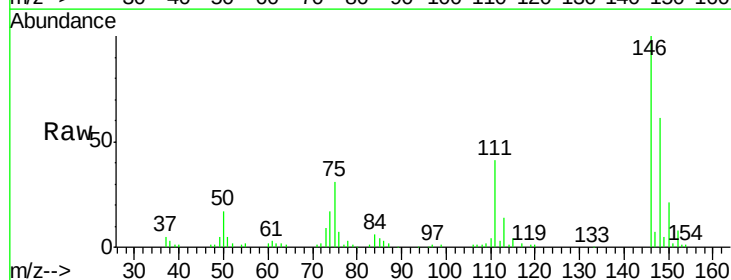
Instrument :
 BNA_G
 ClientSampleId :
 PB106539BSD

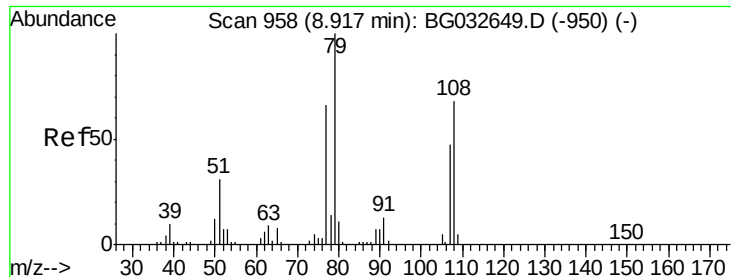
Tot Ion:146 Resp: 95751
 Ion Ratio Lower Upper
 146 100
 148 64.2 53.7 80.5
 111 39.2 35.2 52.8



#14
 1,2-Dichlorobenzene
 Concen: 38.697 ng
 RT: 9.02 min Scan# 976
 Delta R.T. -0.02 min
 Lab File: BG032693.D
 Acq: 14 Feb 2018 22:39

Tgt Ion:146 Resp: 94708
 Ion Ratio Lower Upper
 146 100
 148 60.9 49.3 73.9
 111 41.2 34.3 51.5

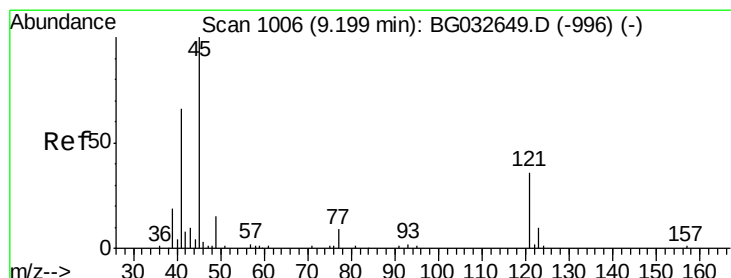
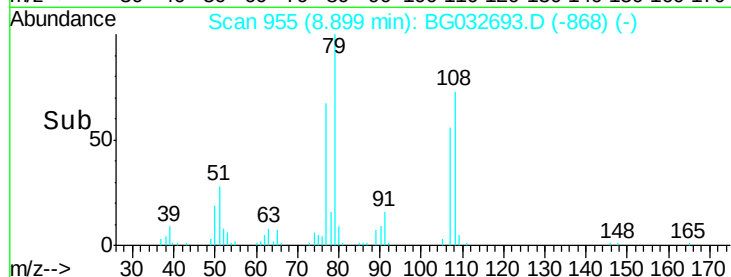
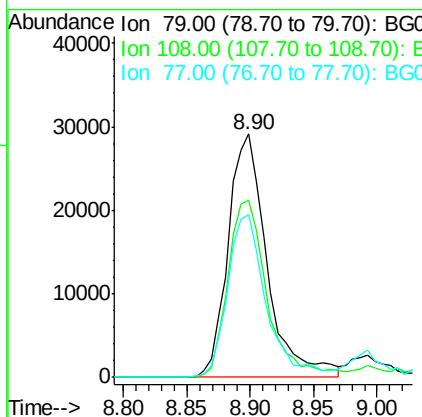
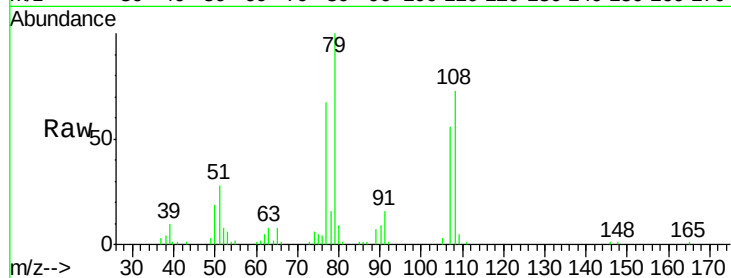




#15
Benzyl Alcohol
Concen: 39.826 ng
RT: 8.90 min Scan# 955
Delta R.T. -0.02 min
Lab File: BG032693.D
Acq: 14 Feb 2018 22:39

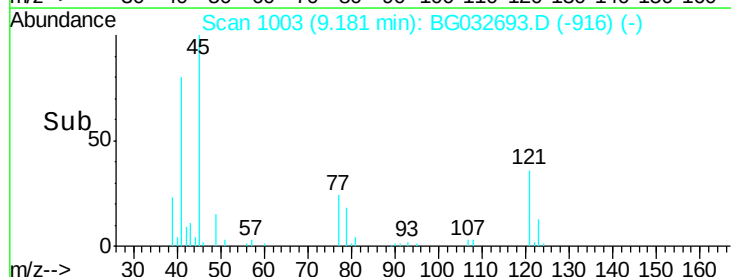
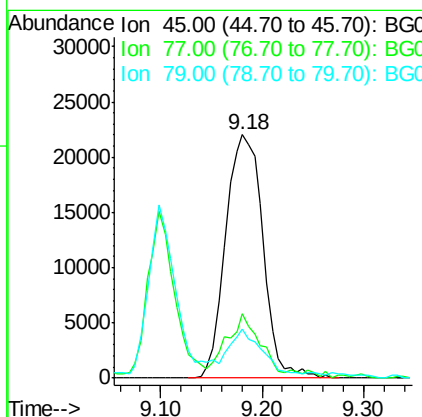
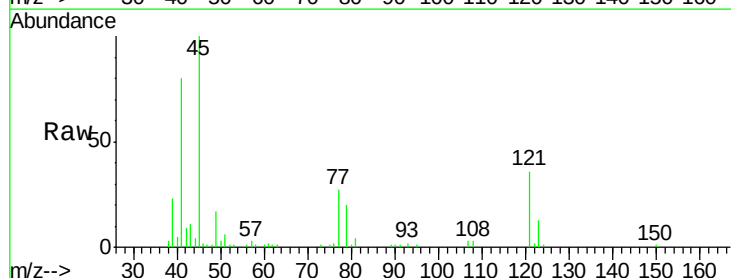
Instrument :
BNA_G
ClientSampleId :
PB106539BSD

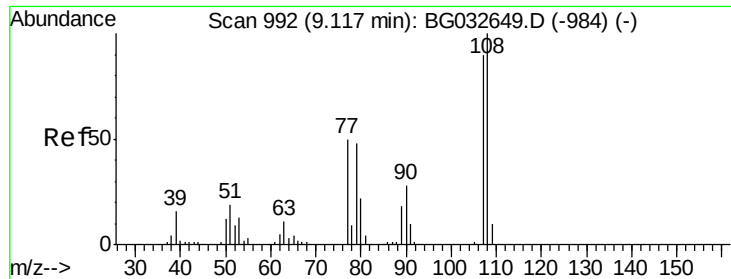
Tot Ion: 79 Resp: 61816
Ion Ratio Lower Upper
79 100
108 72.6 57.2 85.8
77 66.7 46.1 69.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.171 ng
RT: 9.18 min Scan# 1003
Delta R.T. -0.02 min
Lab File: BG032693.D
Acq: 14 Feb 2018 22:39

Tgt Ion: 45 Resp: 55905
Ion Ratio Lower Upper
45 100
77 26.6 0.0 30.2
79 19.9 0.0 27.9





#17

2-Methylphenol

Concen: 40.746 ng

RT: 9.10 min Scan# 989

Delta R.T. -0.02 min

Lab File: BG032693.D

Acq: 14 Feb 2018 22:39

Instrument :

BNA_G

ClientSampleId :

PB106539BSD

Tot Ion:107 Resp: 58117

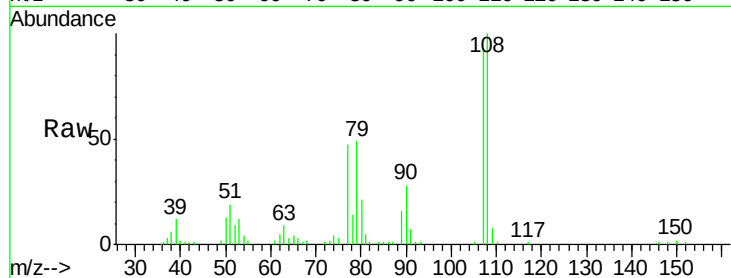
Ion Ratio Lower Upper

107 100

108 107.1 83.9 125.9

77 50.4 37.2 55.8

79 52.3 36.2 54.2

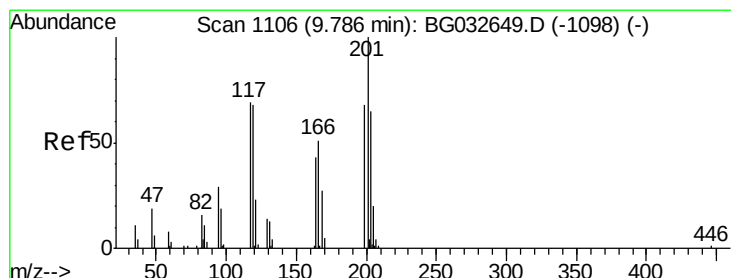
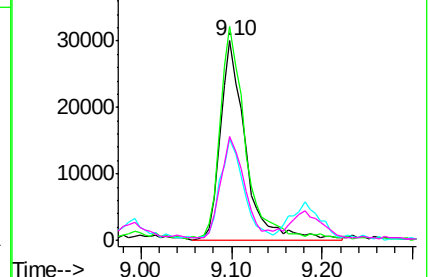
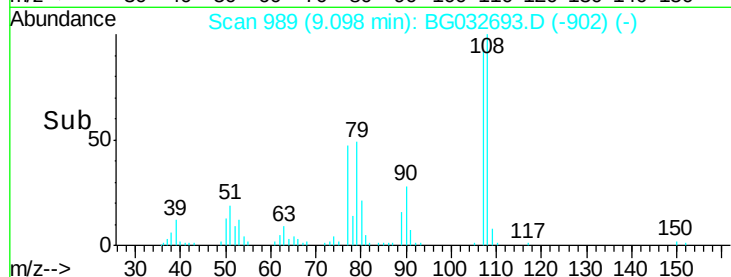


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.222 ng

RT: 9.77 min Scan# 1103

Delta R.T. -0.02 min

Lab File: BG032693.D

Acq: 14 Feb 2018 22:39

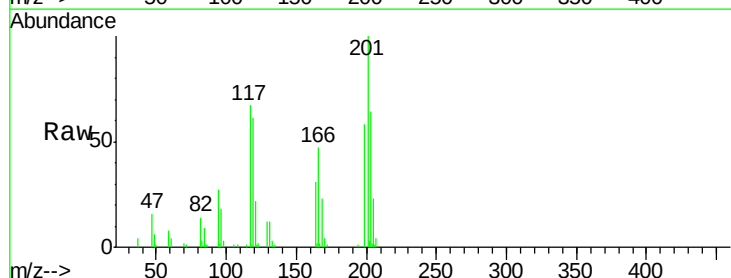
Tgt Ion:117 Resp: 33865

Ion Ratio Lower Upper

117 100

119 89.3 76.7 115.1

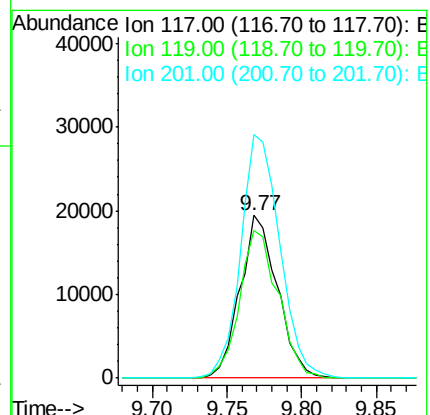
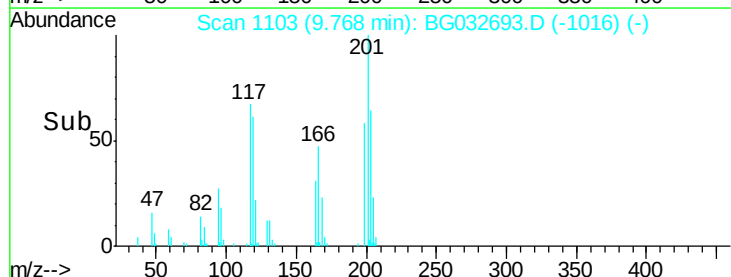
201 146.6 95.7 143.5#

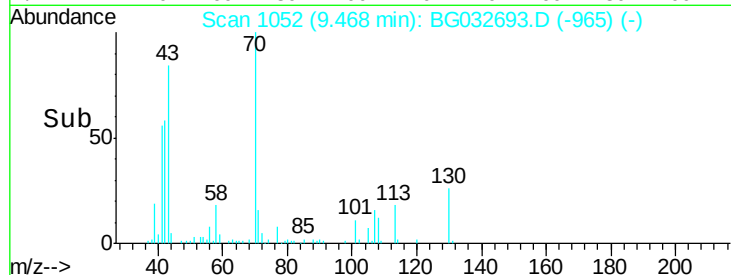
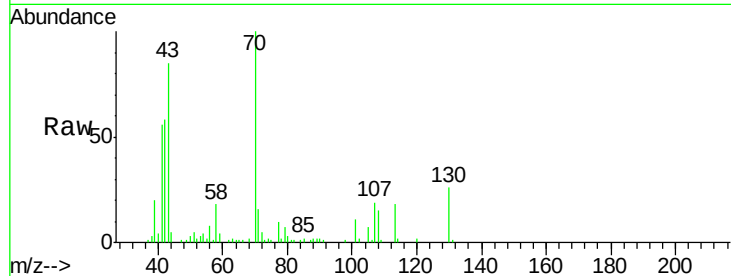
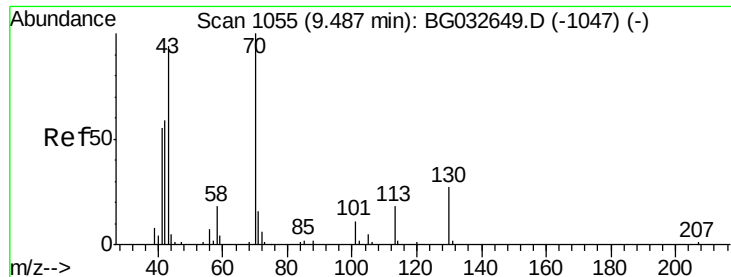


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

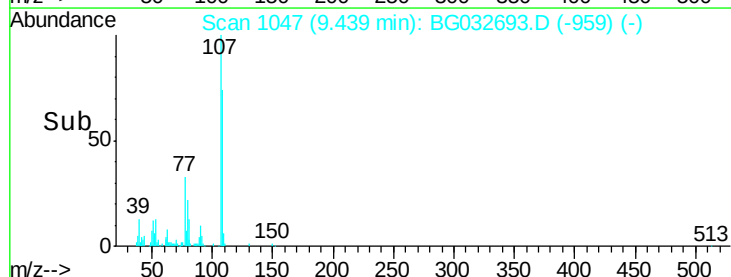
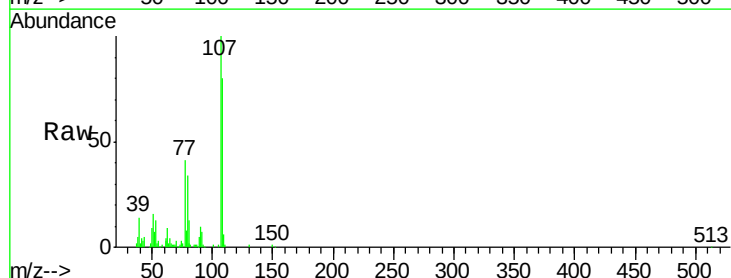
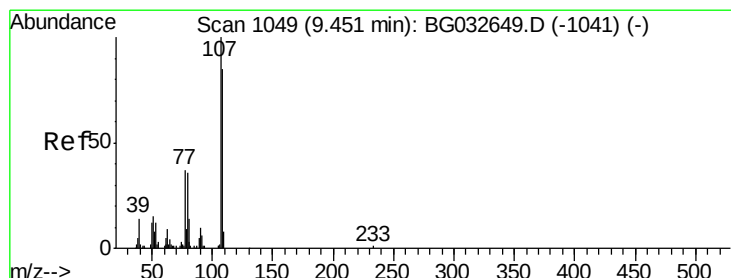
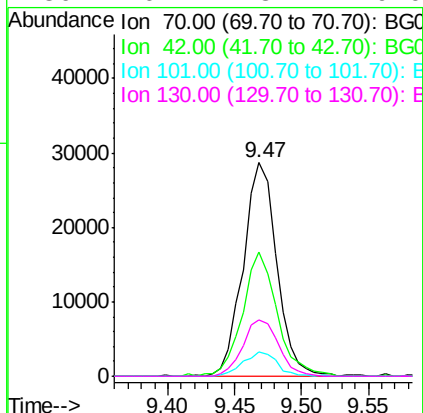




#19
n-Nitroso-di-n-propylamine
Concen: 35.874 ng
RT: 9.47 min Scan# 1052
Delta R.T. -0.02 min
Lab File: BG032693.D
Acq: 14 Feb 2018 22:39

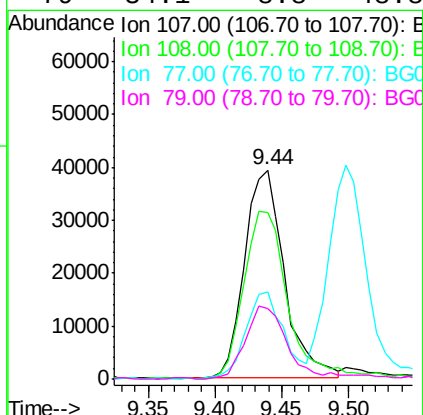
Instrument :
BNA_G
ClientSampleId :
PB106539BSD

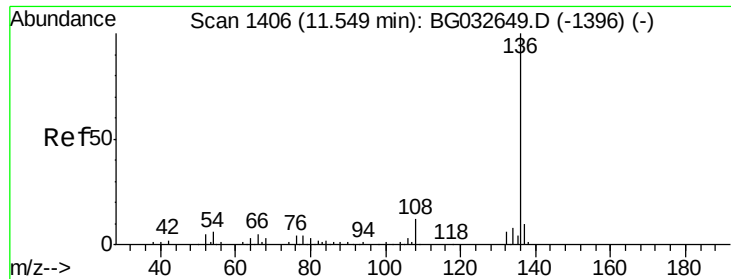
Tot Ion: 70 Resp: 49943
Ion Ratio Lower Upper
70 100
42 58.3 49.1 73.7
101 11.2 8.5 12.7
130 26.4 13.4 20.0#



#20
3+4-Methylphenols
Concen: 37.558 ng
RT: 9.44 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BG032693.D
Acq: 14 Feb 2018 22:39

Tgt Ion: 107 Resp: 80966
Ion Ratio Lower Upper
107 100
108 79.7 61.6 101.6
77 41.4 13.9 53.9
79 34.1 8.8 48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.54 min Scan# 1404

Delta R.T. -0.01 min

Lab File: BG032693.D

Acq: 14 Feb 2018 22:39

Instrument :

BNA_G

ClientSampleId :

PB106539BSD

Tot Ion:136 Resp: 120082

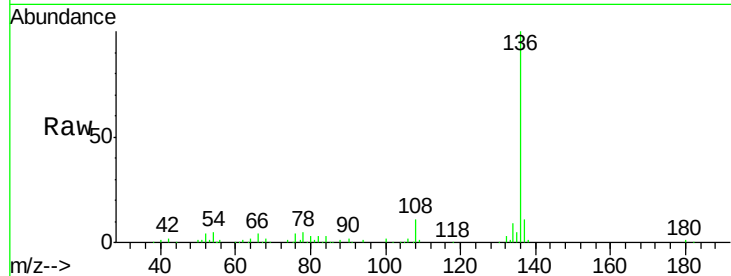
Ion Ratio Lower Upper

136 100

137 11.3 9.2 13.8

54 5.1 10.3 15.5#

68 2.0 4.5 6.7#

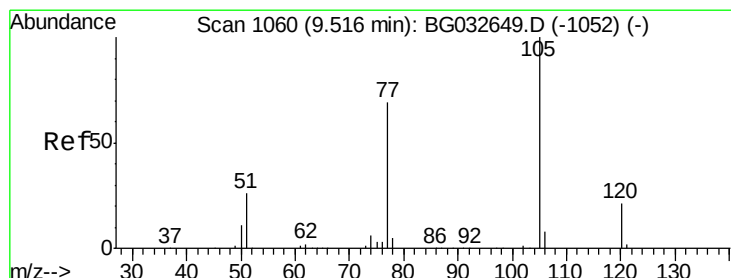
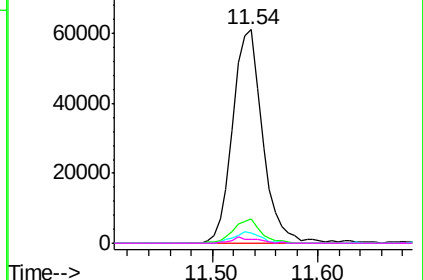
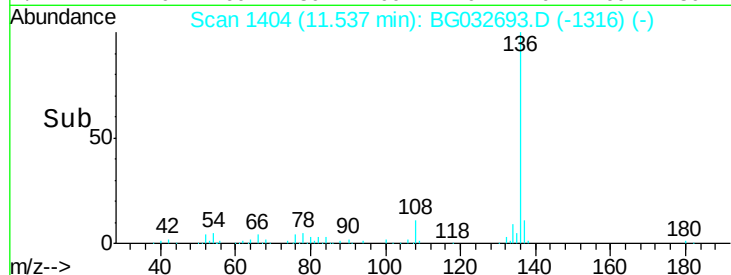


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 42.299 ng

RT: 9.50 min Scan# 1057

Delta R.T. -0.02 min

Lab File: BG032693.D

Acq: 14 Feb 2018 22:39

Tgt Ion:105 Resp: 108026

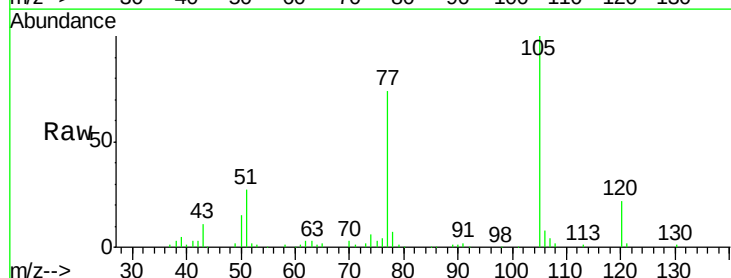
Ion Ratio Lower Upper

105 100

71 0.6 3.0 4.4#

51 26.9 26.1 39.1

120 21.9 17.4 26.2

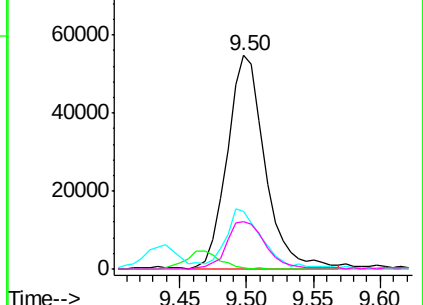
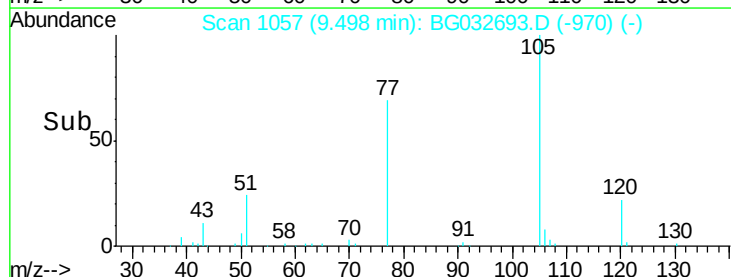


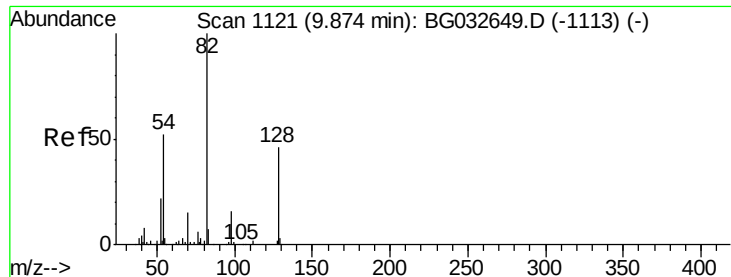
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

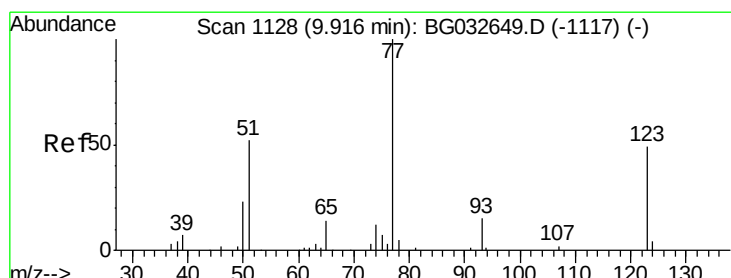
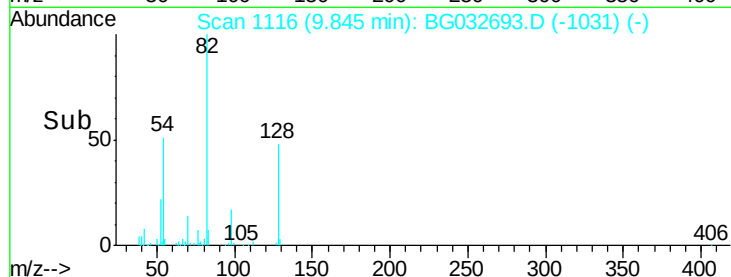
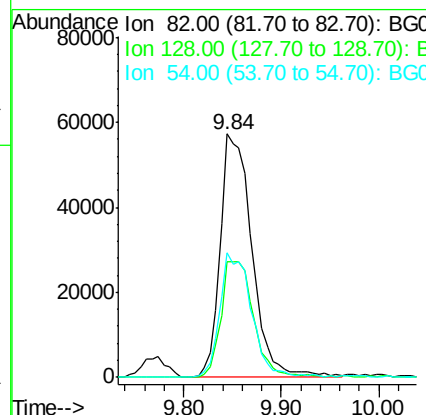
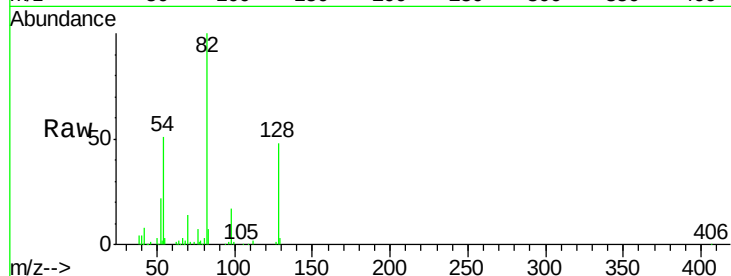




#23
 Nitrobenzene-d5
 Concen: 68.590 ng
 RT: 9.84 min Scan# 1116
 Delta R.T. -0.03 min
 Lab File: BG032693.D
 Acq: 14 Feb 2018 22:39

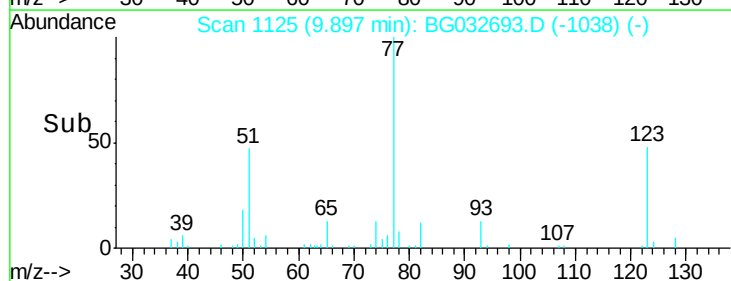
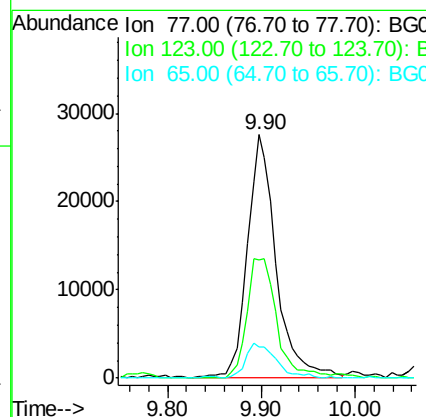
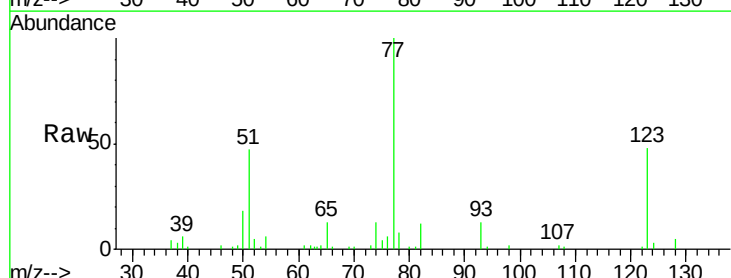
Instrument :
 BNA_G
 ClientSampleId :
 PB106539BSD

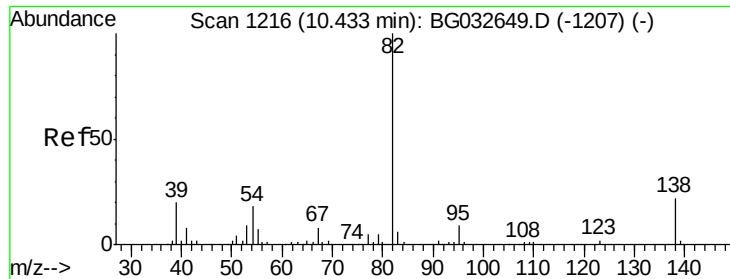
Tot Ion	82	Resp	129594
Ion Ratio	Lower	Upper	
82	100		
128	47.6	29.7	44.5#
54	51.0	43.1	64.7



#24
 Nitrobenzene
 Concen: 29.559 ng
 RT: 9.90 min Scan# 1125
 Delta R.T. -0.02 min
 Lab File: BG032693.D
 Acq: 14 Feb 2018 22:39

Tgt Ion	77	Resp	58476
Ion Ratio	Lower	Upper	
77	100		
123	48.4	33.0	49.6
65	12.9	13.0	19.6#





#25

Isophorone

Concen: 39.360 ng

RT: 10.41 min Scan# 1213

Delta R.T. -0.02 min

Lab File: BG032693.D

Acq: 14 Feb 2018 22:39

Instrument :

BNA_G

ClientSampleId :

PB106539BSD

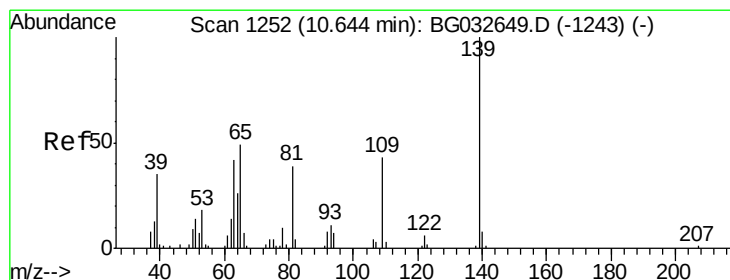
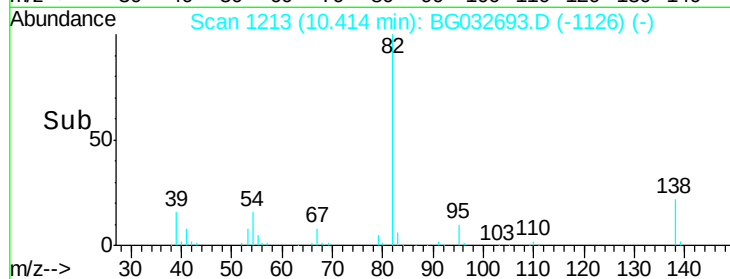
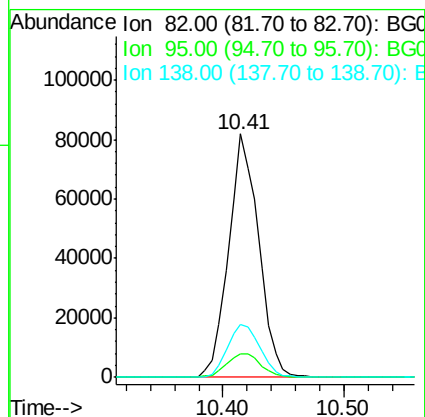
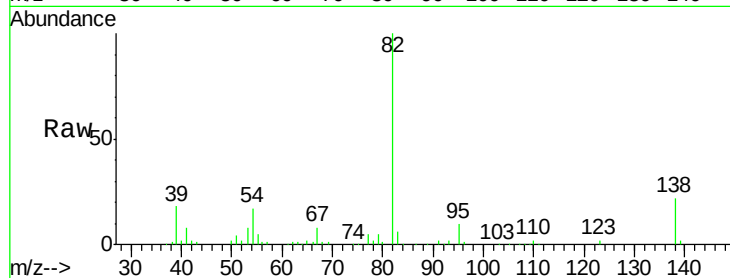
Tot Ion: 82 Resp: 141786

Ion Ratio Lower Upper

82 100

95 9.7 6.2 9.2#

138 22.0 12.1 18.1#



#26

2-Nitrophenol

Concen: 40.888 ng

RT: 10.63 min Scan# 1249

Delta R.T. -0.02 min

Lab File: BG032693.D

Acq: 14 Feb 2018 22:39

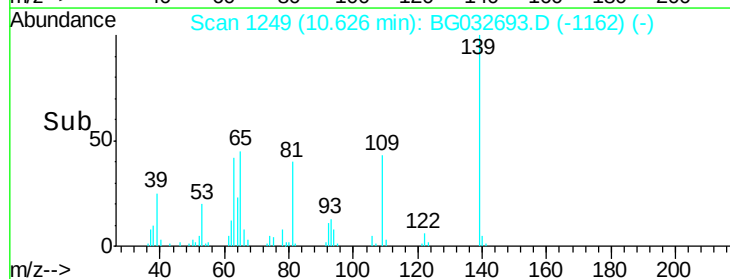
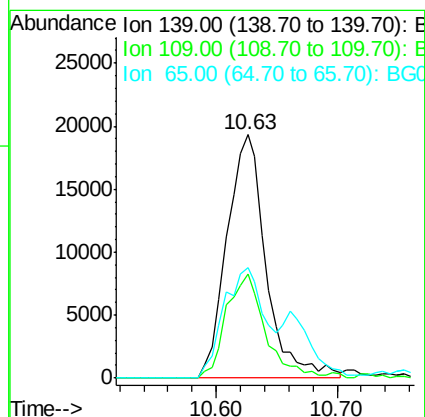
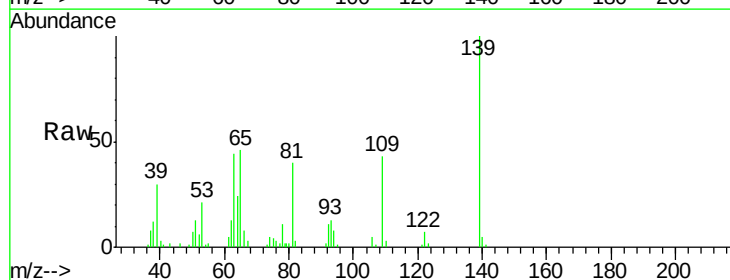
Tgt Ion: 139 Resp: 43262

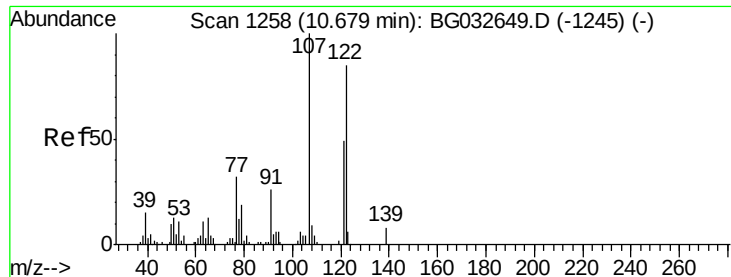
Ion Ratio Lower Upper

139 100

109 42.7 24.2 36.2#

65 45.6 47.4 71.0#

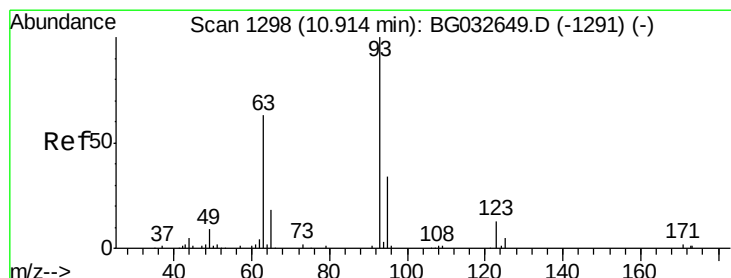
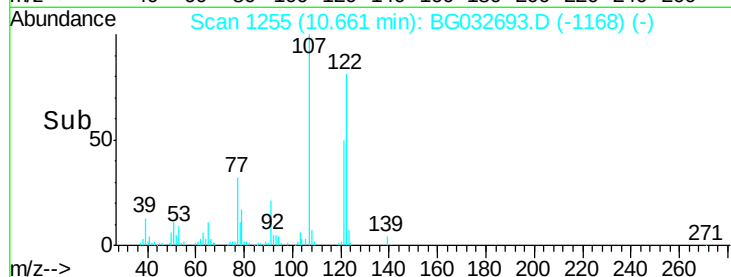
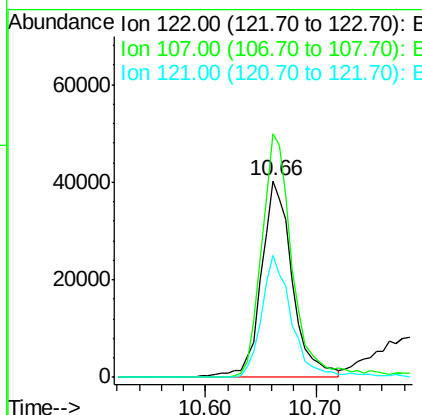
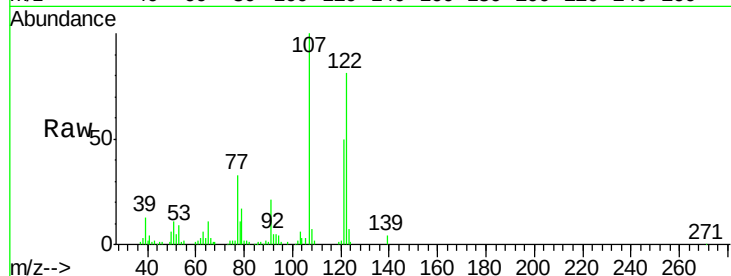




#27
 2,4-Dimethylphenol
 Concen: 56.968 ng
 RT: 10.66 min Scan# 1255
 Delta R.T. -0.02 min
 Lab File: BG032693.D
 Acq: 14 Feb 2018 22:39

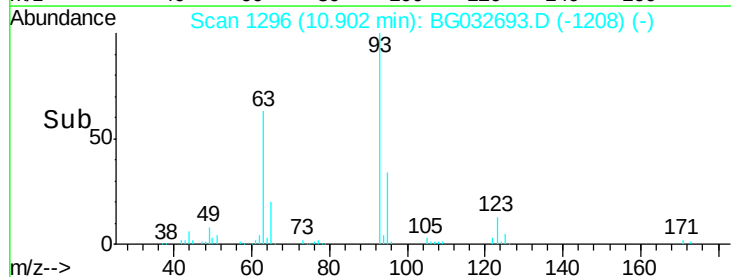
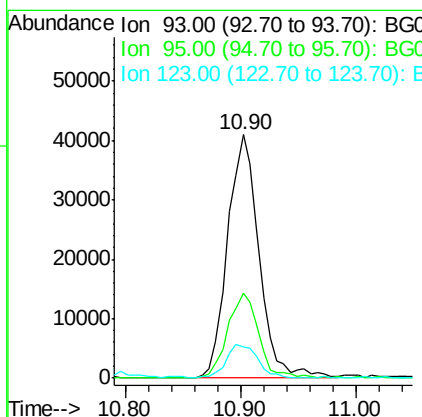
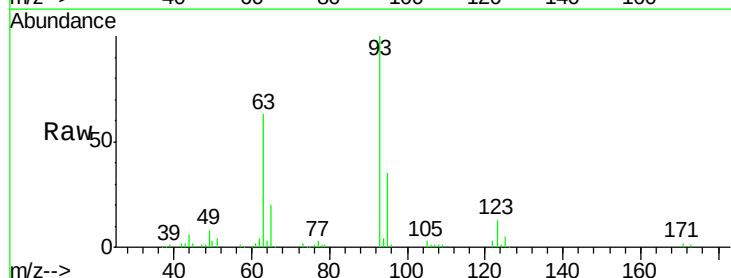
Instrument :
 BNA_G
 ClientSampleId :
 PB106539BSD

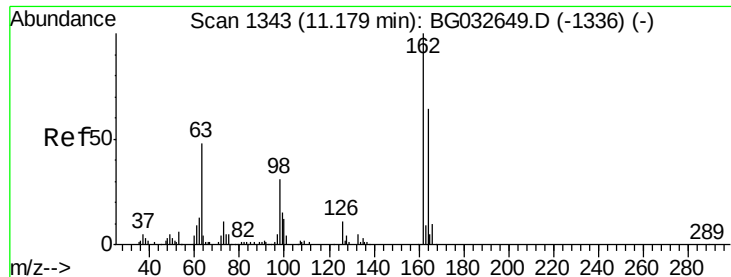
Tot Ion:122 Resp: 79191
 Ion Ratio Lower Upper
 122 100
 107 123.9 100.2 150.2
 121 62.3 44.4 66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.970 ng
 RT: 10.90 min Scan# 1296
 Delta R.T. -0.01 min
 Lab File: BG032693.D
 Acq: 14 Feb 2018 22:39

Tgt Ion: 93 Resp: 77289
 Ion Ratio Lower Upper
 93 100
 95 34.9 24.3 36.5
 123 12.7 8.4 12.6#

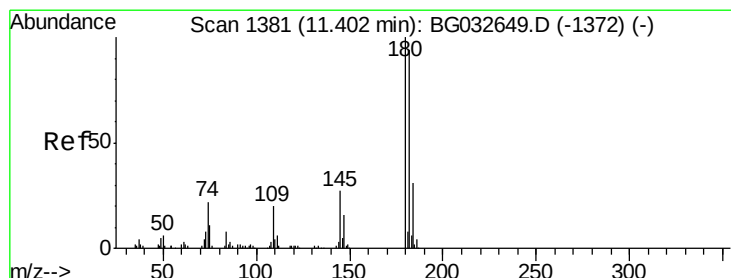
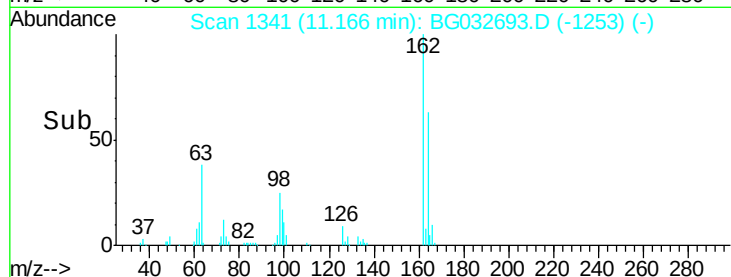
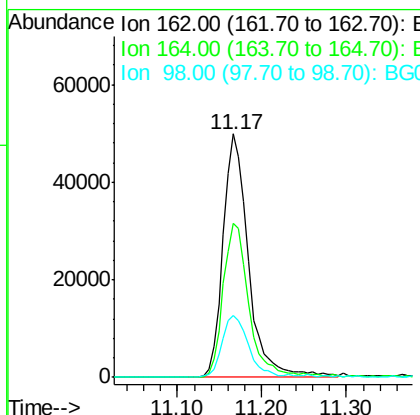
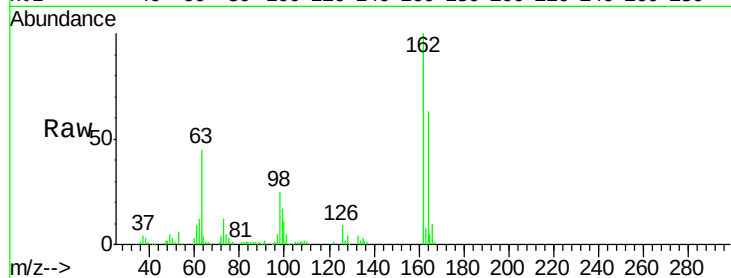




#29
2,4-Dichlorophenol
Concen: 51.098 ng
RT: 11.17 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BG032693.D
Acq: 14 Feb 2018 22:39

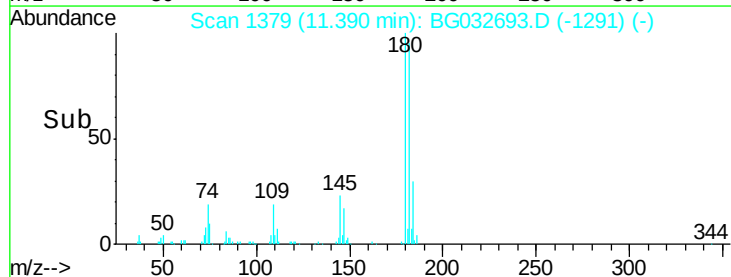
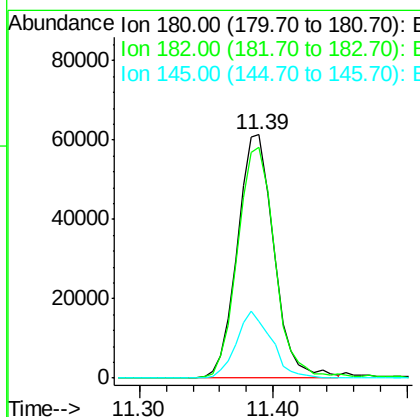
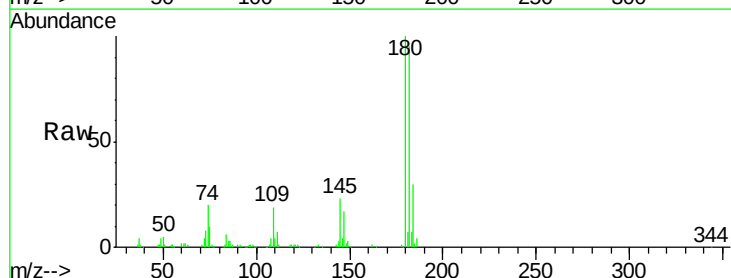
Instrument :
BNA_G
ClientSampleId :
PB106539BSD

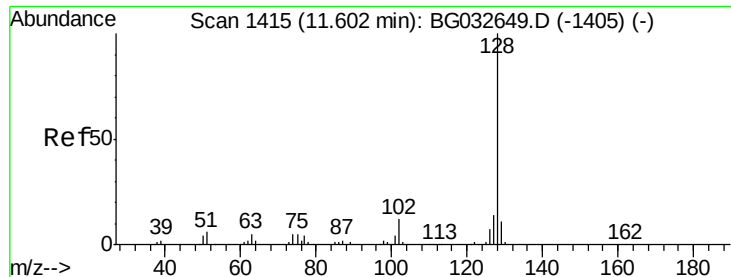
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.1	48.0	88.0
98	25.2	21.1	61.1



#30
1,2,4-Trichlorobenzene
Concen: 40.867 ng
RT: 11.39 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BG032693.D
Acq: 14 Feb 2018 22:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	77.5	116.3
145	23.3	23.4	35.2#

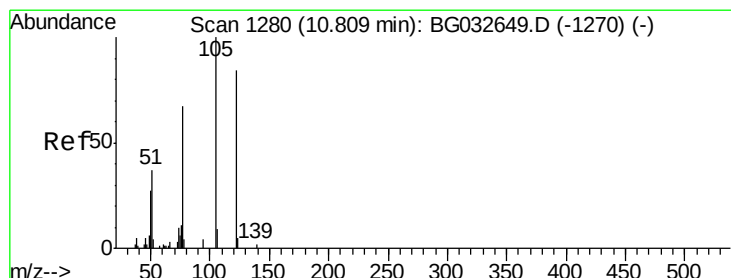
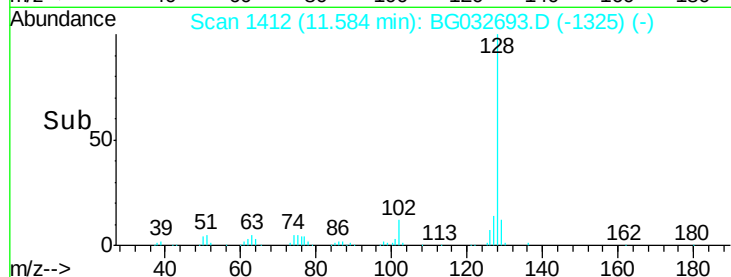
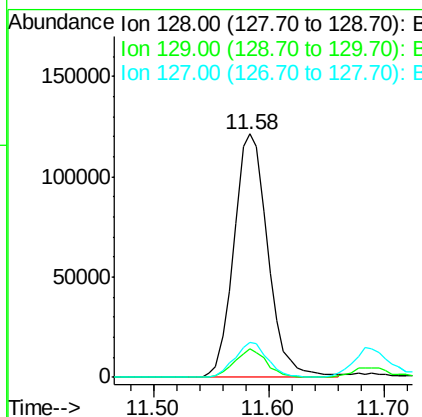
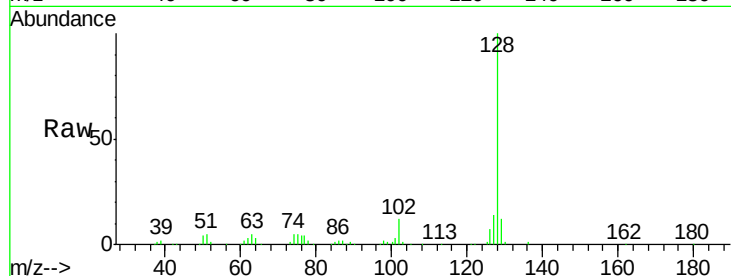




#31
Naphthalene
Concen: 42.406 ng
RT: 11.58 min Scan# 1412
Delta R.T. -0.02 min
Lab File: BG032693.D
Acq: 14 Feb 2018 22:39

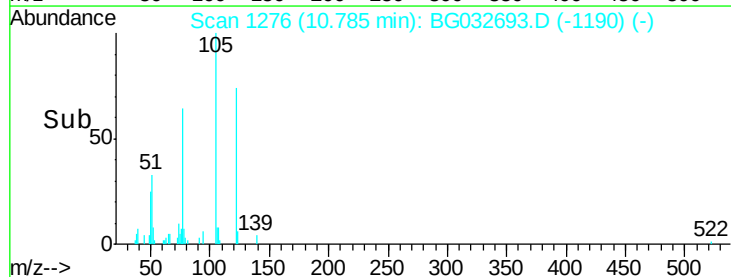
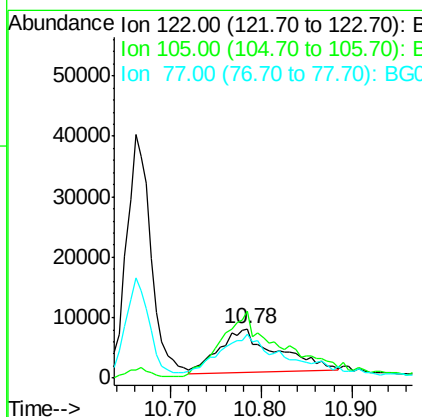
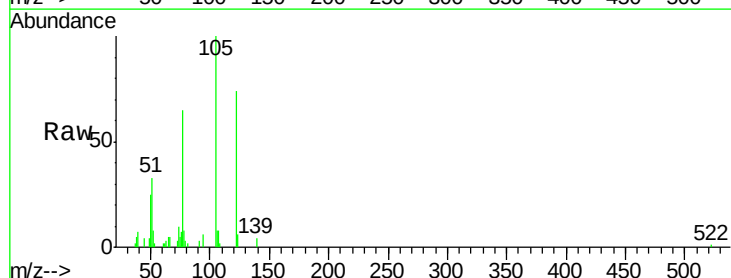
Instrument :
BNA_G
ClientSampleId :
PB106539BSD

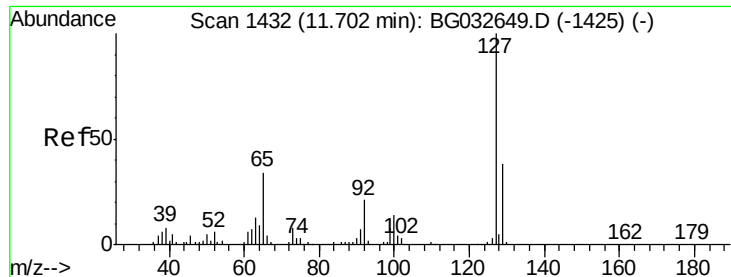
Tot Ion:128 Resp: 247261
Ion Ratio Lower Upper
128 100
129 11.6 8.6 12.8
127 14.2 11.6 17.4



#32
Benzoic acid
Concen: 30.671 ng
RT: 10.78 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BG032693.D
Acq: 14 Feb 2018 22:39

Tgt Ion:122 Resp: 32225
Ion Ratio Lower Upper
122 100
105 135.9 123.5 163.5
77 88.8 85.7 125.7

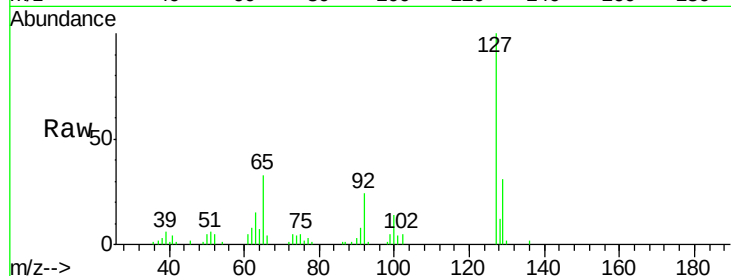




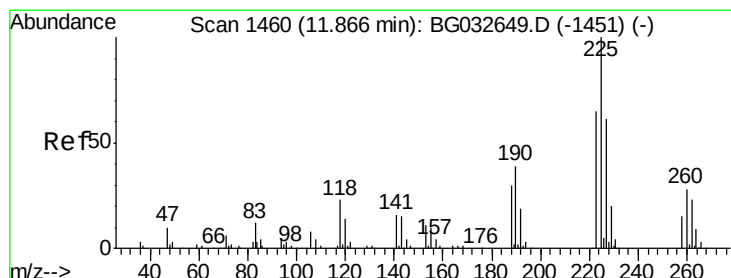
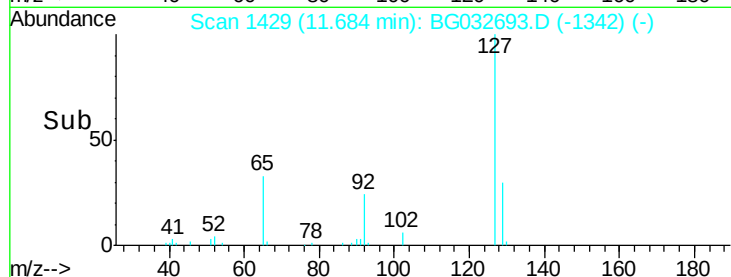
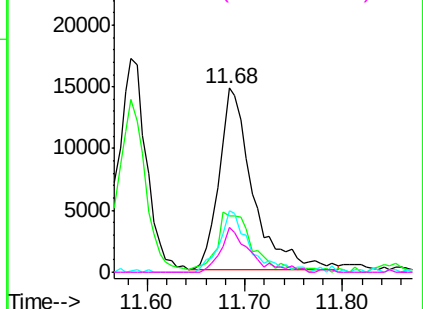
#33
4-Chloroaniline
Concen: 15.196 ng
RT: 11.68 min Scan# 1429
Delta R.T. -0.02 min
Lab File: BG032693.D
Acq: 14 Feb 2018 22:39

Instrument :
BNA_G
ClientSampleId :
PB106539BSD

Tot Ion:	127	Resp:	35156
Ion	Ratio	Lower	Upper
127	100		
129	30.9	24.0	36.0
65	33.4	27.0	40.4
92	24.4	16.6	25.0

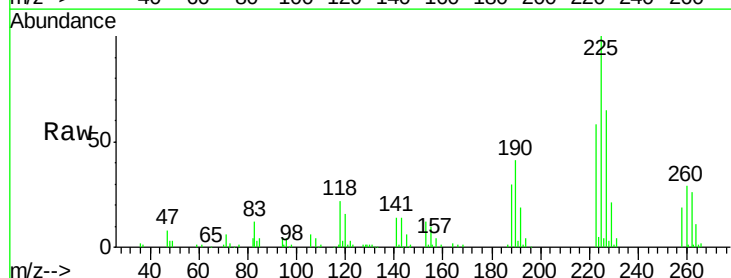


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

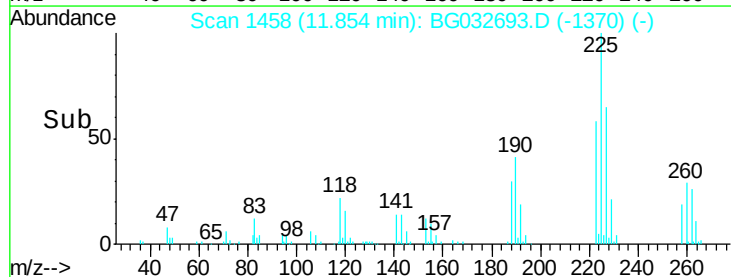
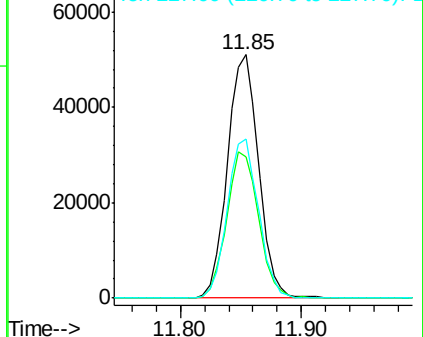


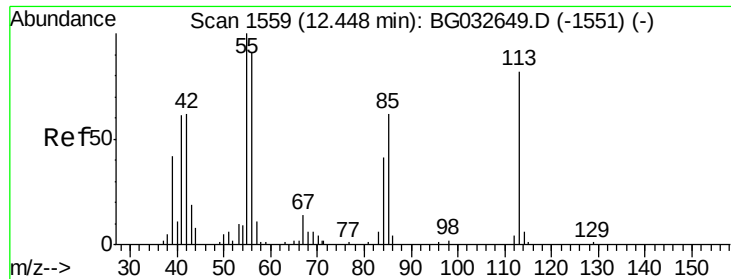
#34
Hexachlorobutadiene
Concen: 39.172 ng
RT: 11.85 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BG032693.D
Acq: 14 Feb 2018 22:39

Tgt Ion:	225	Resp:	91571
Ion	Ratio	Lower	Upper
225	100		
223	57.7	49.7	74.5
227	65.3	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: 49.217 ng

RT: 12.45 min Scan# 1560

Delta R.T. 0.01 min

Lab File: BG032693.D

Acq: 14 Feb 2018 22:39

Instrument :

BNA_G

ClientSampleId :

PB106539BSD

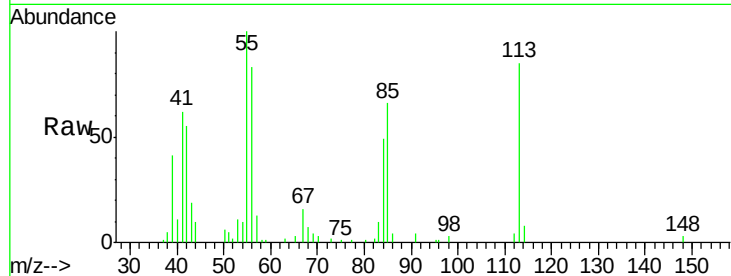
Tot Ion:113 Resp: 28436

Ion Ratio Lower Upper

113 100

55 117.8 186.9 226.9#

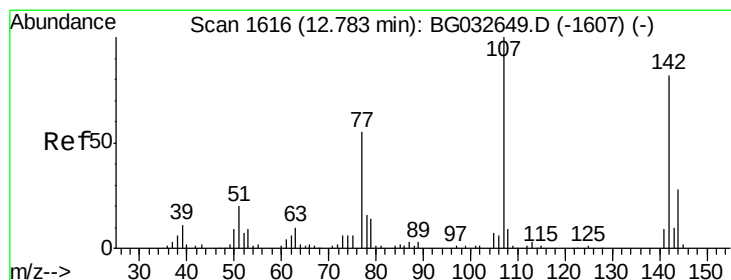
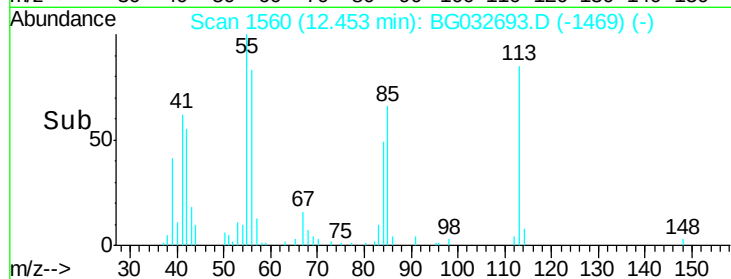
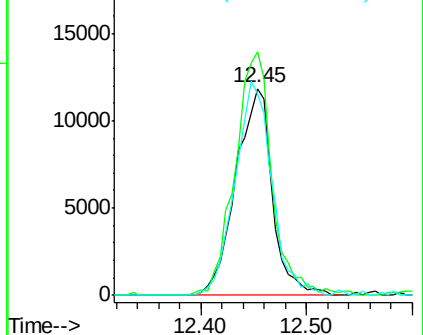
56 97.5 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 50.476 ng

RT: 12.78 min Scan# 1615

Delta R.T. -0.01 min

Lab File: BG032693.D

Acq: 14 Feb 2018 22:39

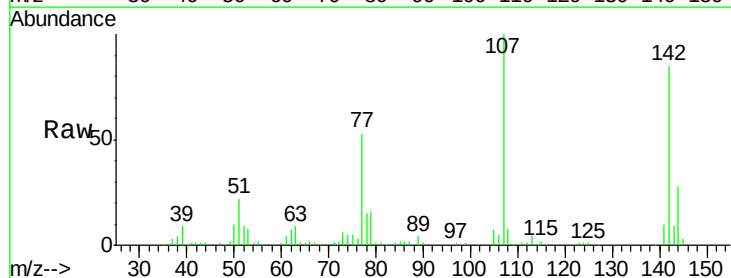
Tgt Ion:107 Resp: 92376

Ion Ratio Lower Upper

107 100

144 27.9 18.2 27.4#

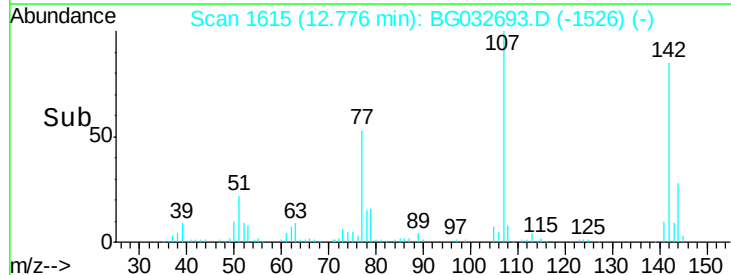
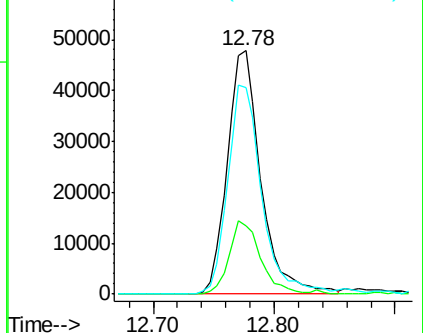
142 84.8 59.0 88.4

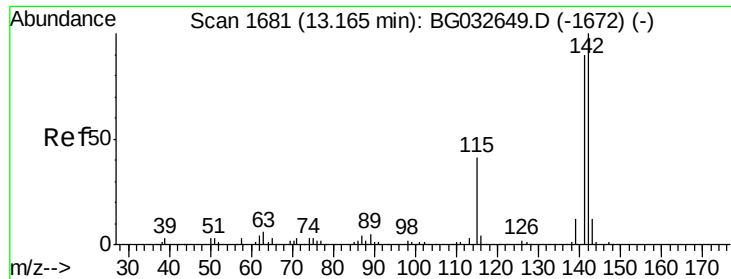


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

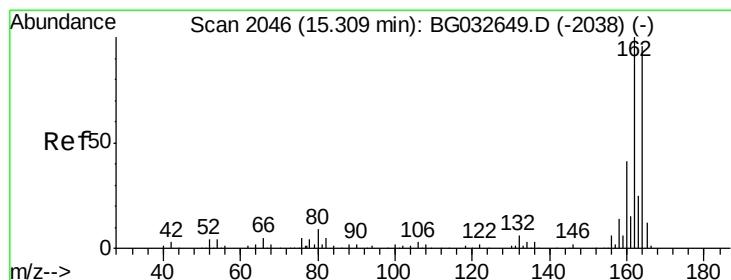
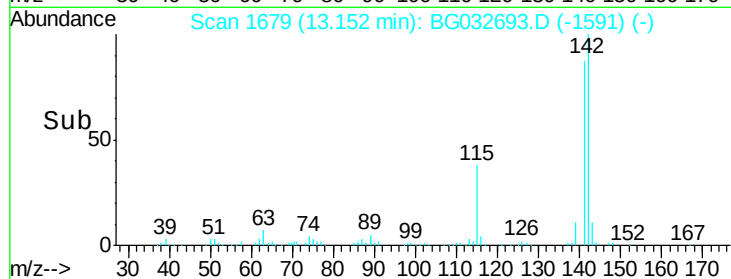
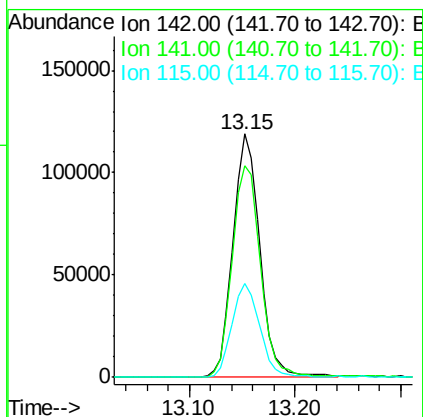
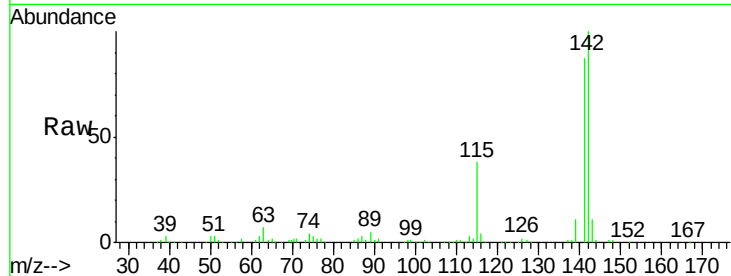




#37
2-Methylnaphthalene
Concen: 44.178 ng
RT: 13.15 min Scan# 1679
Delta R.T. -0.01 min
Lab File: BG032693.D
Acq: 14 Feb 2018 22:39

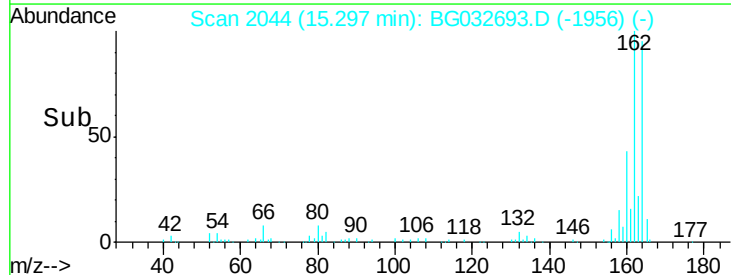
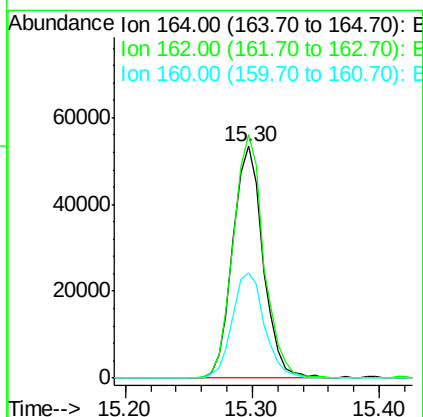
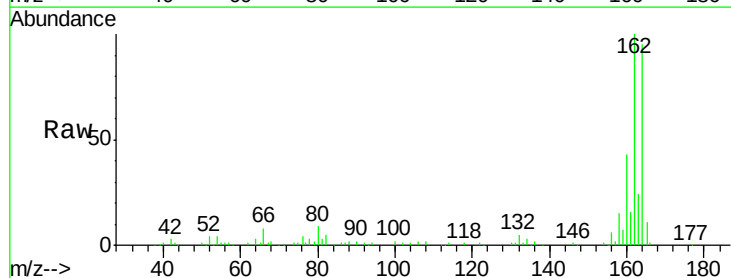
Instrument :
BNA_G
ClientSampleId :
PB106539BSD

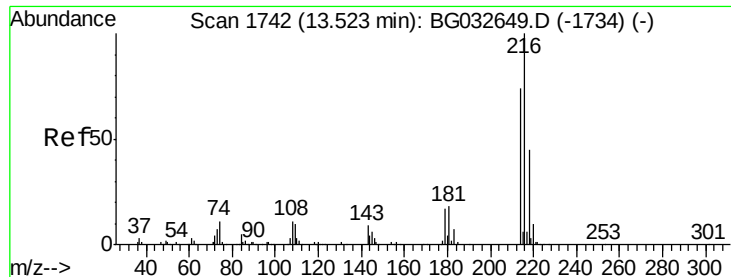
Tot Ion:142 Resp: 208942
Ion Ratio Lower Upper
142 100
141 87.0 67.1 100.7
115 38.3 30.7 46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.30 min Scan# 2044
Delta R.T. -0.01 min
Lab File: BG032693.D
Acq: 14 Feb 2018 22:39

Tgt Ion:164 Resp: 88260
Ion Ratio Lower Upper
164 100
162 105.0 78.8 118.2
160 45.3 35.4 53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.649 ng

RT: 13.51 min Scan# 1740

Delta R.T. -0.01 min

Lab File: BG032693.D

Acq: 14 Feb 2018 22:39

Instrument :

BNA_G

ClientSampleId :

PB106539BSD

Tot Ion:216 Resp: 169451

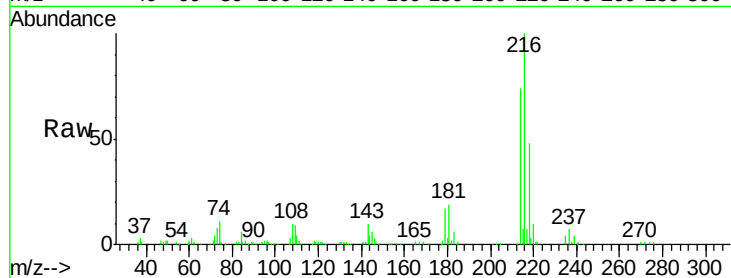
Ion Ratio Lower Upper

216 100

214 75.9 63.0 94.4

179 18.1 17.0 25.6

108 12.9 12.8 19.2

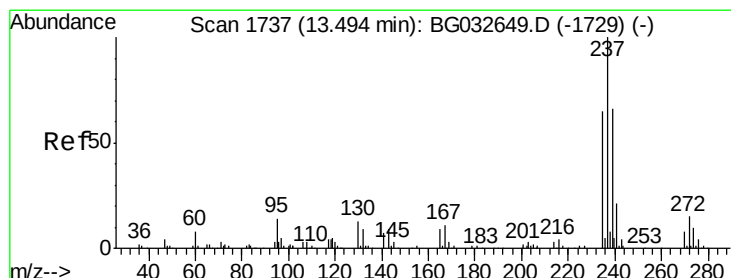
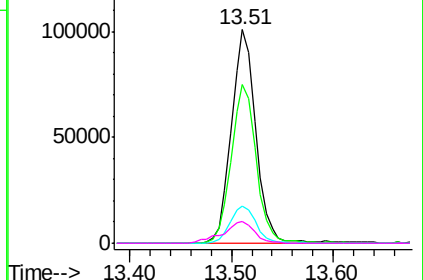
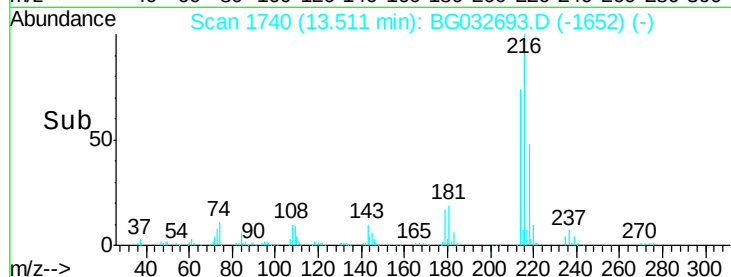


Abundance Ion 216.00 (215.70 to 216.70): E

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: 82.370 ng

RT: 13.48 min Scan# 1735

Delta R.T. -0.01 min

Lab File: BG032693.D

Acq: 14 Feb 2018 22:39

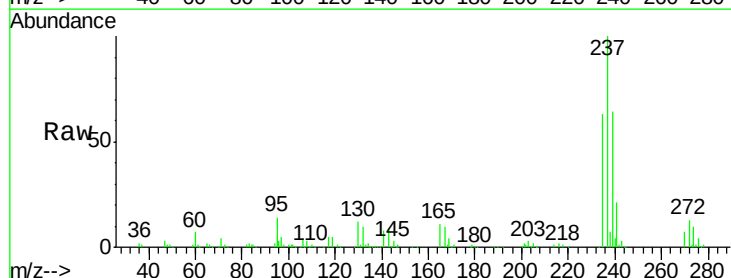
Tgt Ion:237 Resp: 217297

Ion Ratio Lower Upper

237 100

235 63.4 50.4 90.4

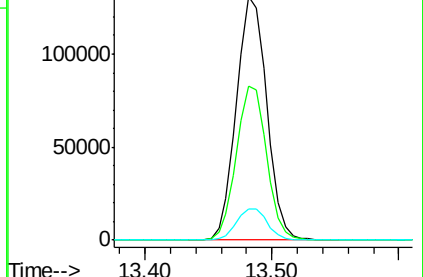
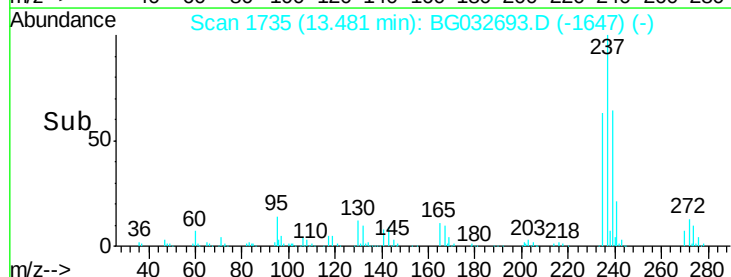
272 12.8 0.0 31.8

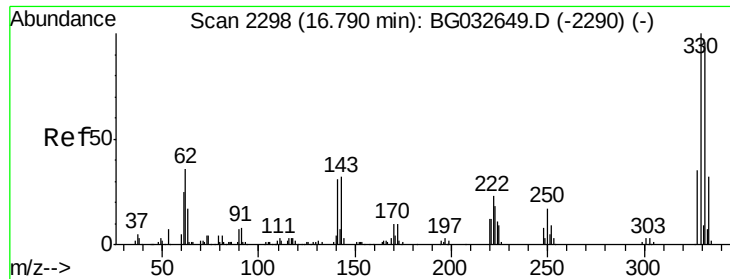


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 106.019 ng

RT: 16.78 min Scan# 2296

Delta R.T. -0.01 min

Lab File: BG032693.D

Acq: 14 Feb 2018 22:39

Instrument :

BNA_G

ClientSampleId :

PB106539BSD

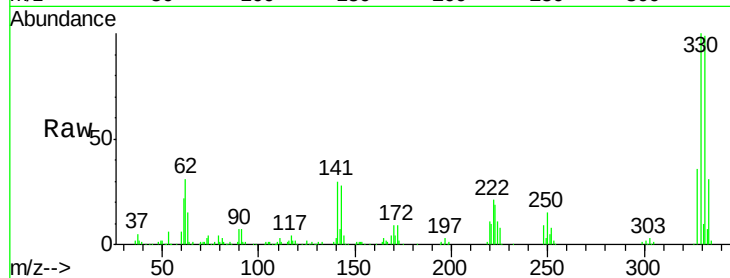
Tot Ion:330 Resp: 144082

Ion Ratio Lower Upper

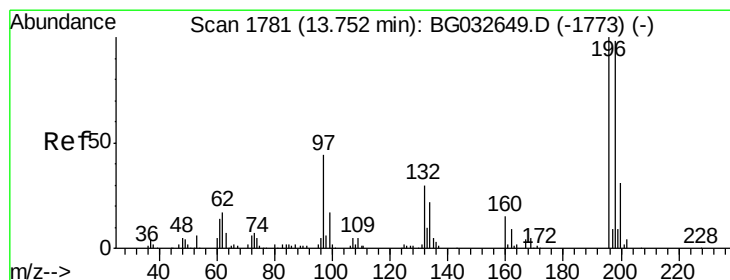
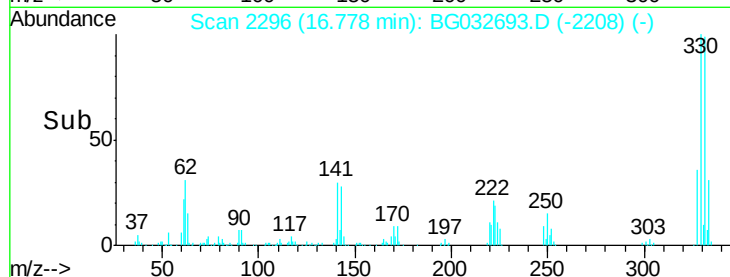
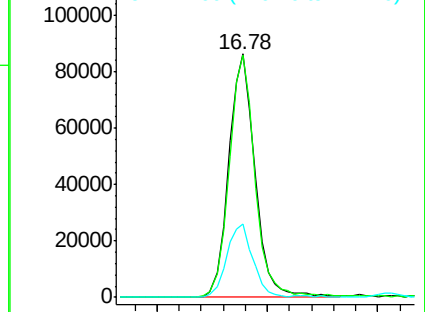
330 100

332 97.9 77.0 115.6

141 30.4 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: 50.671 ng

RT: 13.75 min Scan# 1780

Delta R.T. -0.01 min

Lab File: BG032693.D

Acq: 14 Feb 2018 22:39

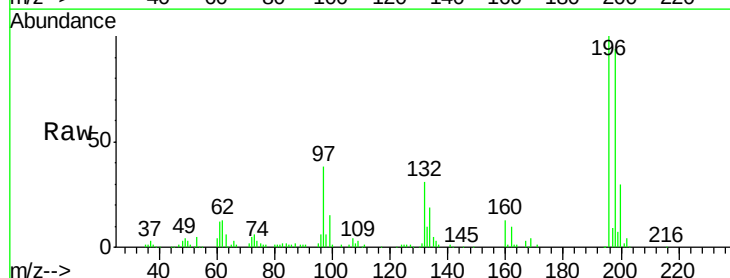
Tgt Ion:196 Resp: 105427

Ion Ratio Lower Upper

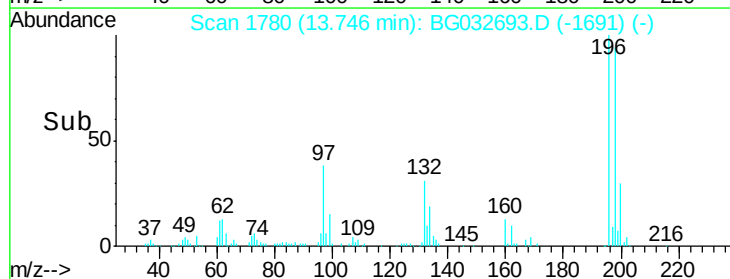
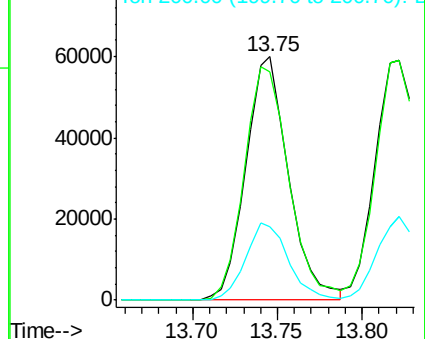
196 100

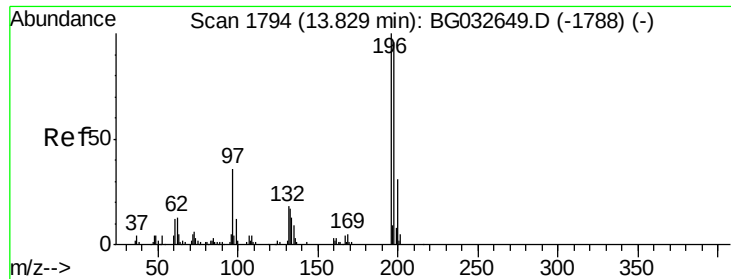
198 93.9 78.2 117.2

200 30.2 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

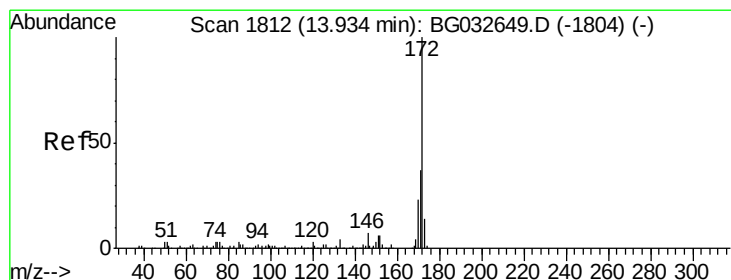
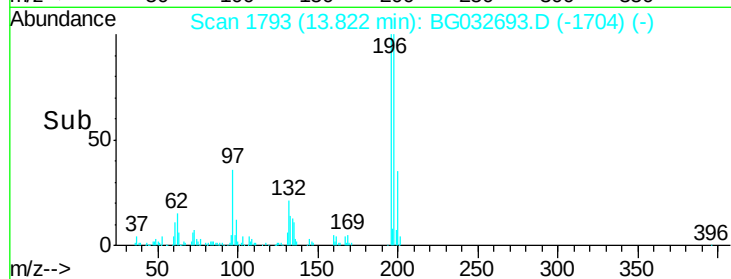
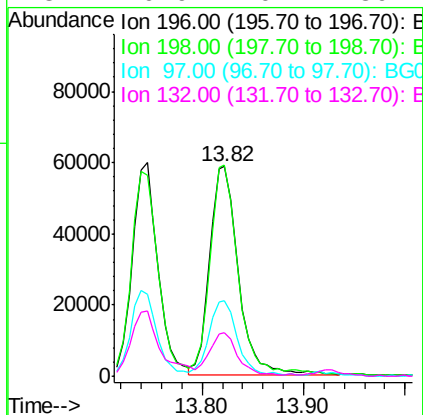
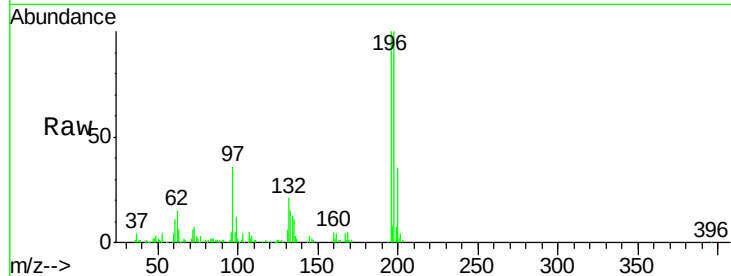




#43
 2,4,5-Trichlorophenol
 Concen: 44.282 ng
 RT: 13.82 min Scan# 1793
 Delta R.T. -0.01 min
 Lab File: BG032693.D
 Acq: 14 Feb 2018 22:39

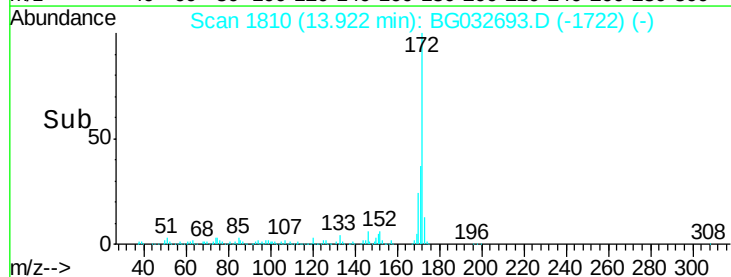
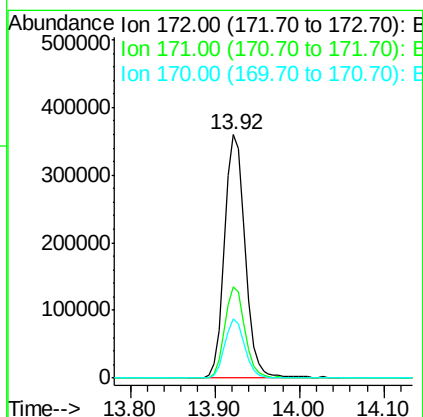
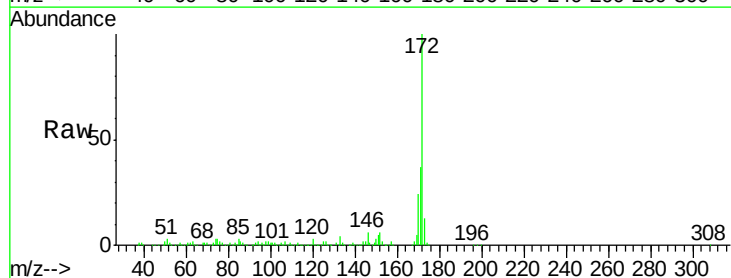
Instrument :
 BNA_G
 ClientSampleId :
 PB106539BSD

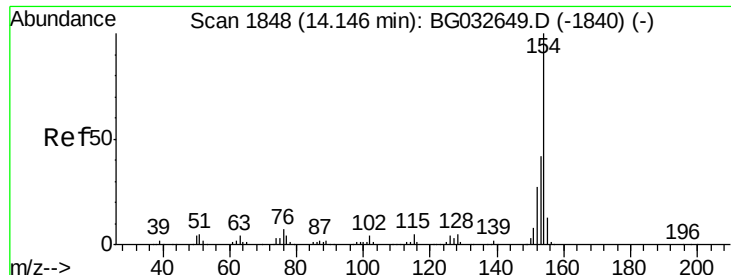
Tot Ion	Ratio	Lower	Upper
196	100		
198	100.5	76.2	114.4
97	36.1	38.7	58.1#
132	20.9	20.2	30.2



#44
 2-Fluorobiphenyl
 Concen: 85.860 ng
 RT: 13.92 min Scan# 1810
 Delta R.T. -0.01 min
 Lab File: BG032693.D
 Acq: 14 Feb 2018 22:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.0	45.0
170	24.3	19.5	29.3

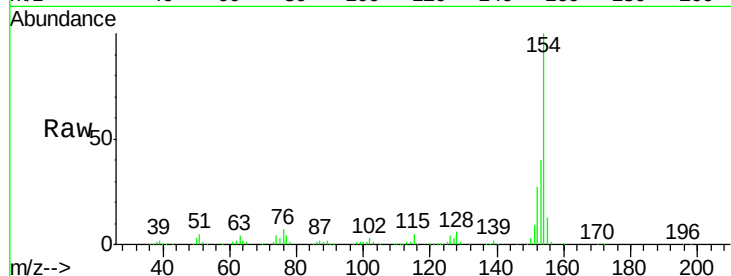




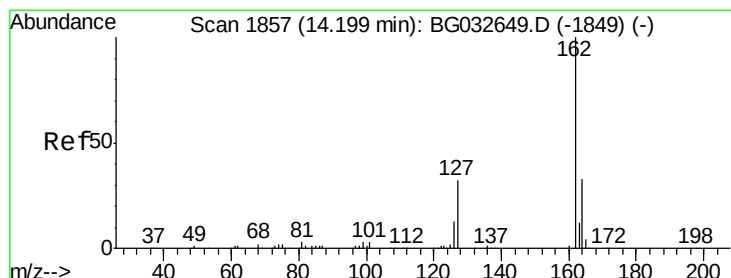
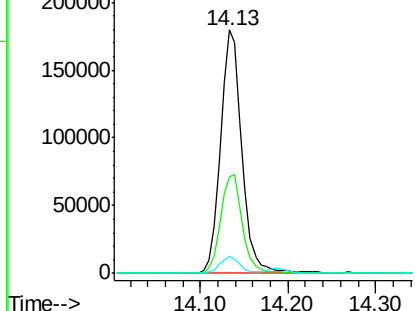
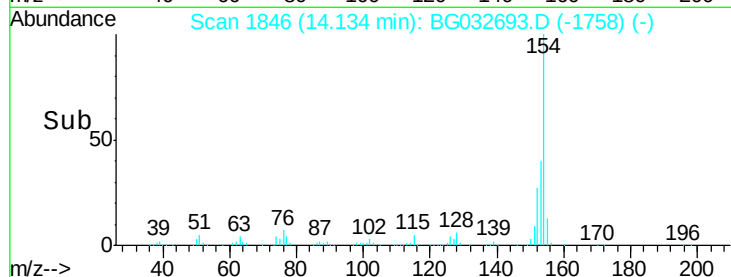
#45
 1,1'-Biphenyl
 Concen: 41.787 ng
 RT: 14.13 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BG032693.D
 Acq: 14 Feb 2018 22:39

Instrument :
 BNA_G
 ClientSampleId :
 PB106539BSD

Tot Ion:154	Resp:	303466
Ion Ratio	Lower	Upper
154	100	
153	39.6	19.8 59.8
76	7.0	0.0 31.9

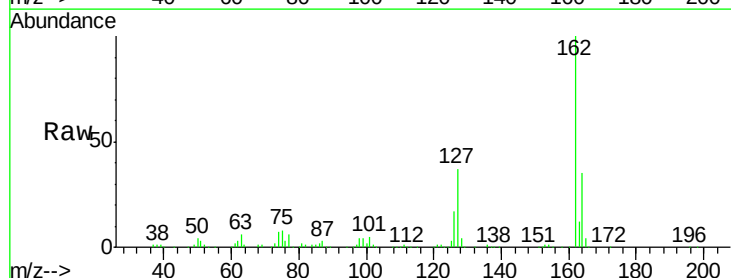


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): B

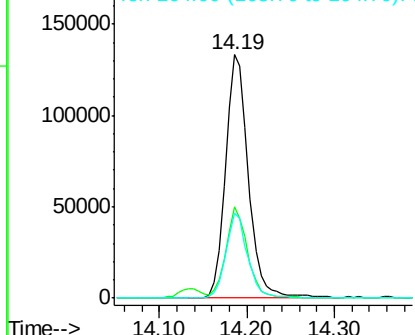
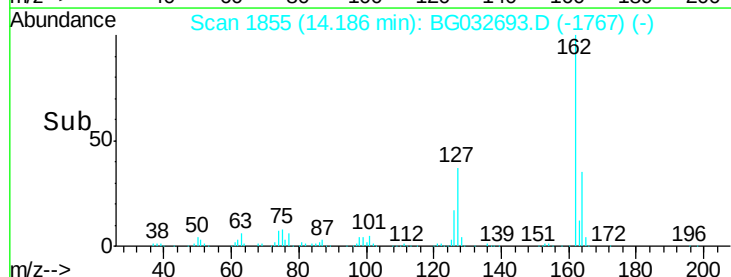


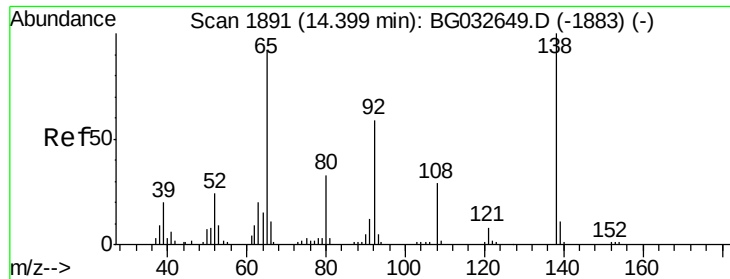
#46
 2-Chloronaphthalene
 Concen: 41.589 ng
 RT: 14.19 min Scan# 1855
 Delta R.T. -0.01 min
 Lab File: BG032693.D
 Acq: 14 Feb 2018 22:39

Tgt Ion:162	Resp:	238995
Ion Ratio	Lower	Upper
162	100	
127	37.4	30.7 46.1
164	34.8	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

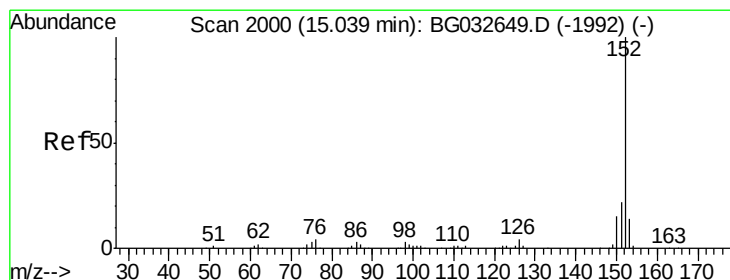
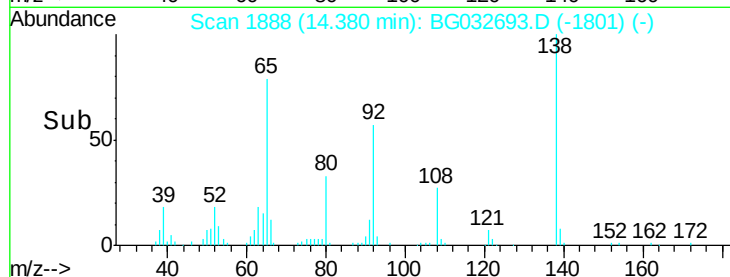
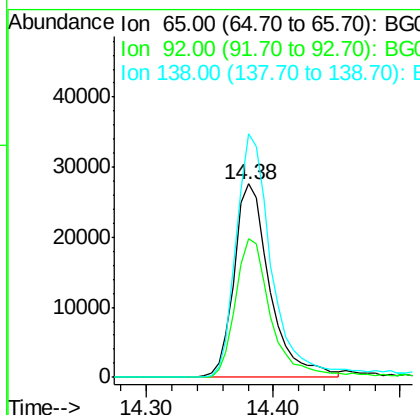
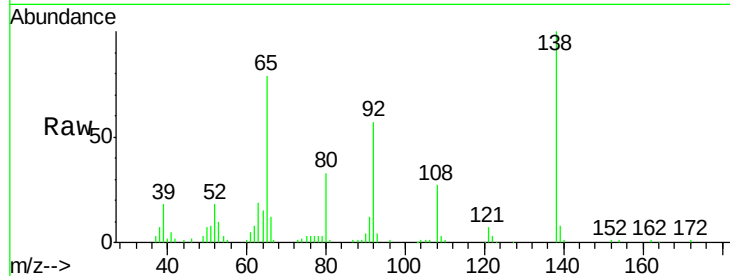




#47
2-Nitroaniline
Concen: 43.295 ng
RT: 14.38 min Scan# 1888
Delta R.T. -0.02 min
Lab File: BG032693.D
Acq: 14 Feb 2018 22:39

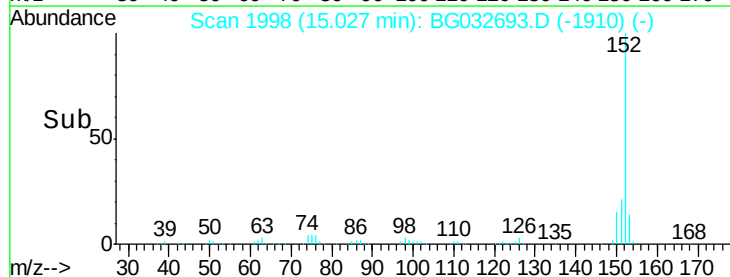
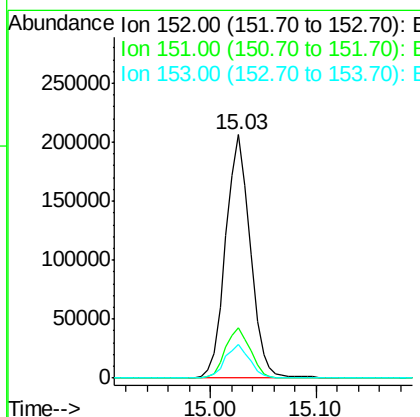
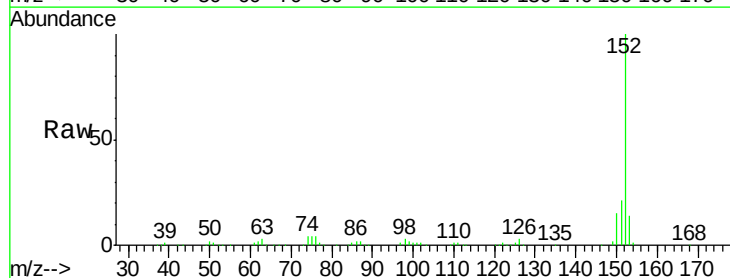
Instrument :
BNA_G
ClientSampleId :
PB106539BSD

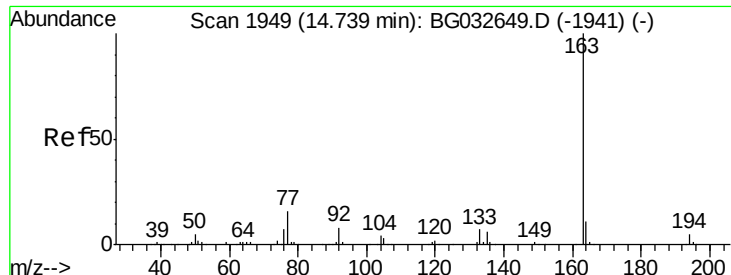
Tot Ion: 65 Resp: 54120
Ion Ratio Lower Upper
65 100
92 71.5 54.6 82.0
138 125.8 72.9 109.3#



#48
Acenaphthylene
Concen: 39.281 ng
RT: 15.03 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BG032693.D
Acq: 14 Feb 2018 22:39

Tgt Ion: 152 Resp: 332100
Ion Ratio Lower Upper
152 100
151 20.8 17.2 25.8
153 13.9 10.2 15.4





#49

Dimethylphthalate

Concen: 41.764 ng

RT: 14.73 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG032693.D

Acq: 14 Feb 2018 22:39

Instrument :

BNA_G

ClientSampleId :

PB106539BSD

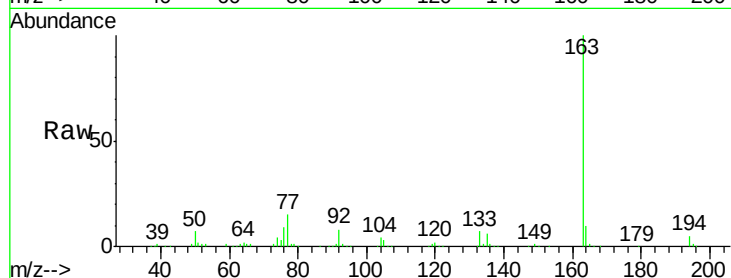
Tot Ion:163 Resp: 318625

Ion Ratio Lower Upper

163 100

194 4.9 3.4 5.2

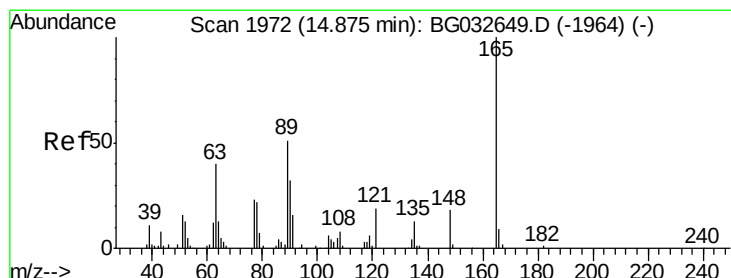
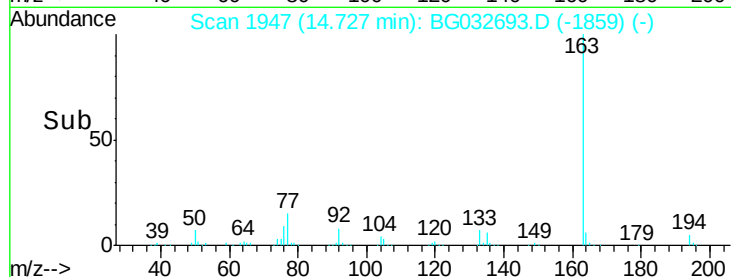
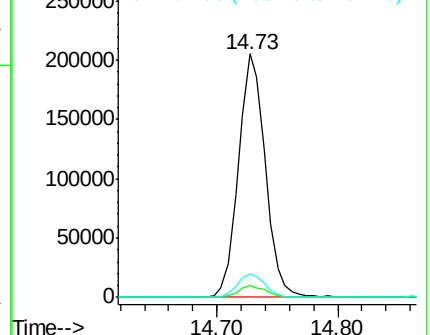
164 9.7 8.2 12.4



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: 41.948 ng

RT: 14.86 min Scan# 1970

Delta R.T. -0.01 min

Lab File: BG032693.D

Acq: 14 Feb 2018 22:39

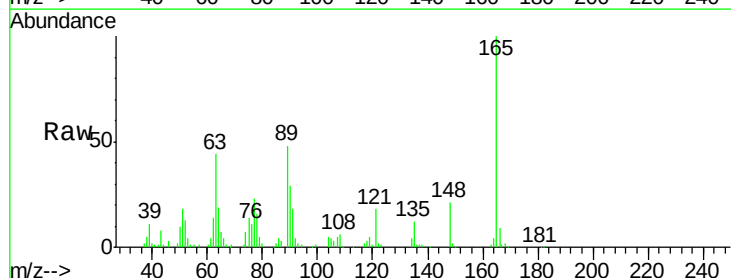
Tgt Ion:165 Resp: 65909

Ion Ratio Lower Upper

165 100

63 43.8 52.7 79.1#

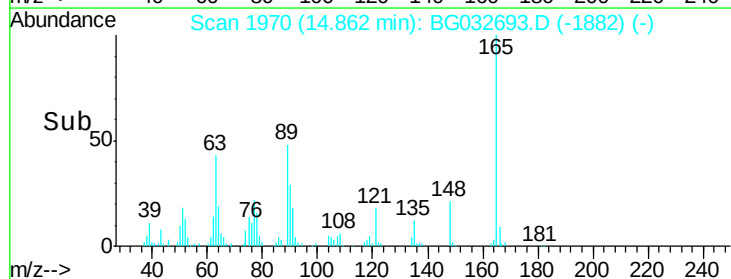
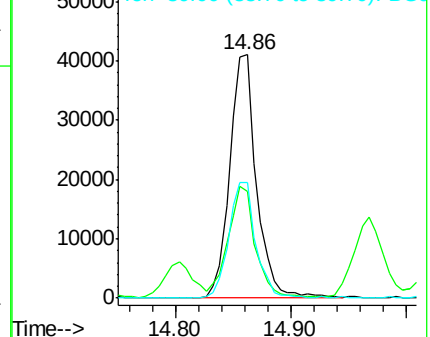
89 47.7 49.2 73.8#

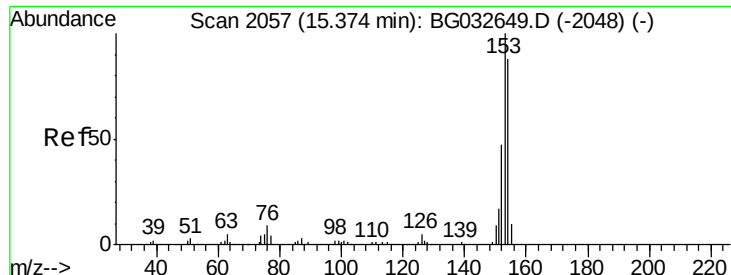


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 42.919 ng

RT: 15.36 min Scan# 2055

Delta R.T. -0.01 min

Lab File: BG032693.D

Acq: 14 Feb 2018 22:39

Instrument :

BNA_G

ClientSampleId :

PB106539BSD

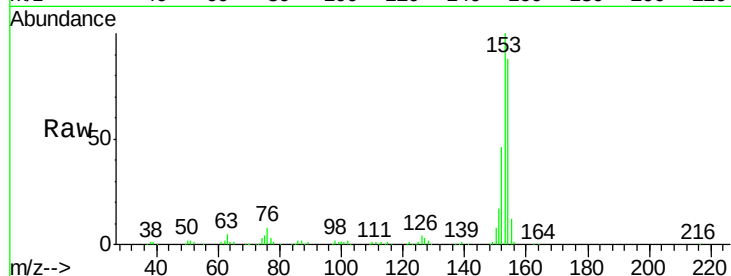
Tot Ion:154 Resp: 247805

Ion Ratio Lower Upper

154 100

153 113.2 90.4 135.6

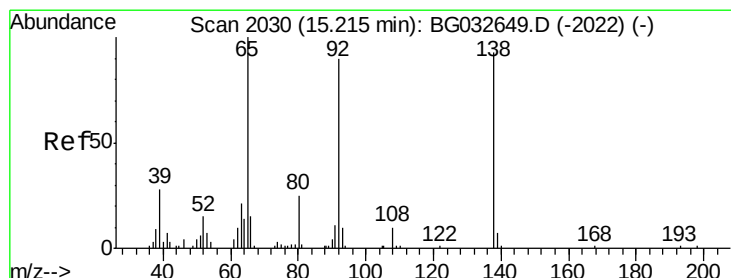
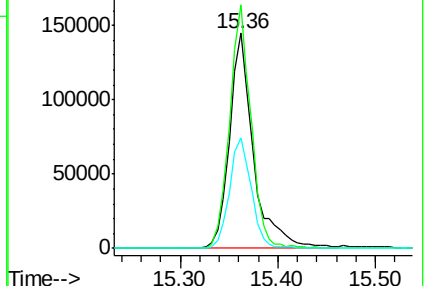
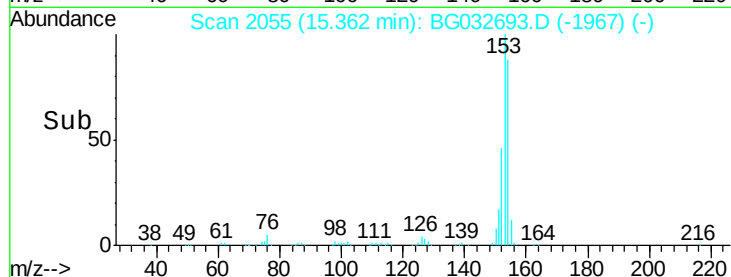
152 51.6 41.6 62.4



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: 21.502 ng

RT: 15.19 min Scan# 2026

Delta R.T. -0.02 min

Lab File: BG032693.D

Acq: 14 Feb 2018 22:39

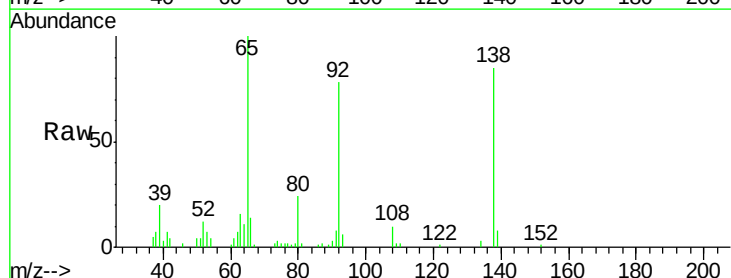
Tgt Ion:138 Resp: 29834

Ion Ratio Lower Upper

138 100

108 11.2 17.5 26.3#

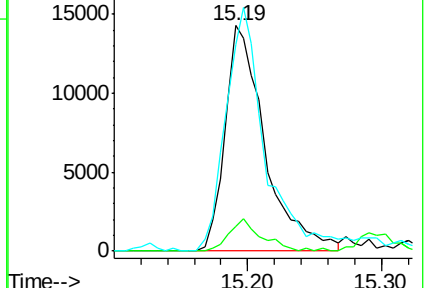
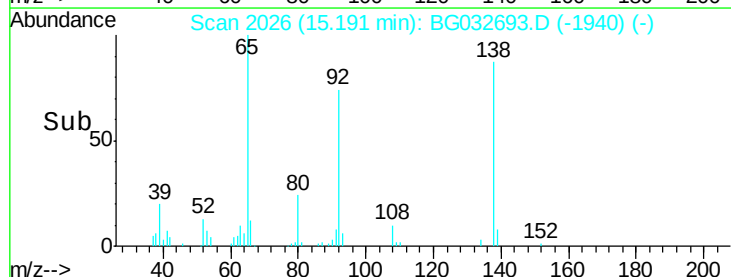
92 91.5 105.8 158.8#

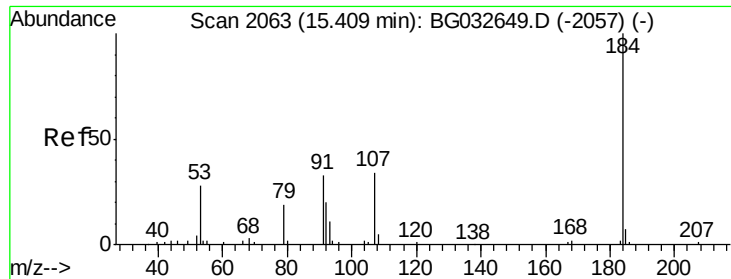


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

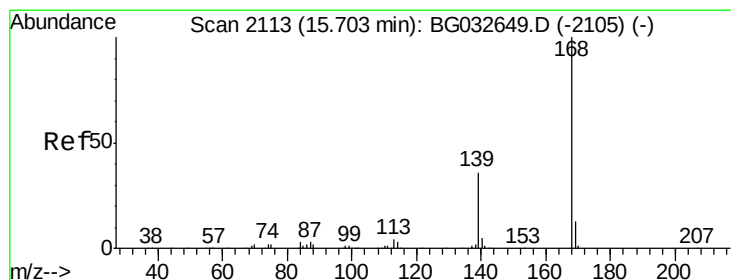
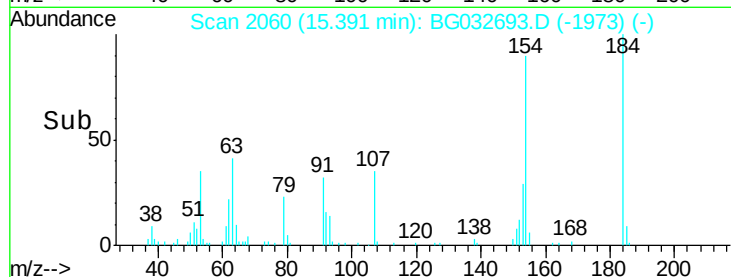
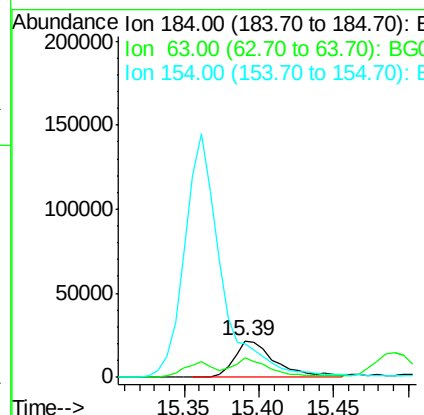
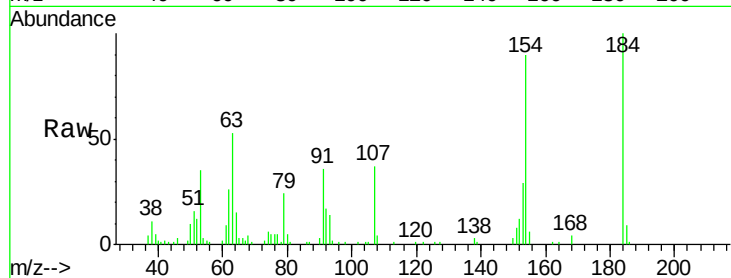




#53
 2,4-Dinitrophenol
 Concen: 53.243 ng
 RT: 15.39 min Scan# 2060
 Delta R.T. -0.02 min
 Lab File: BG032693.D
 Acq: 14 Feb 2018 22:39

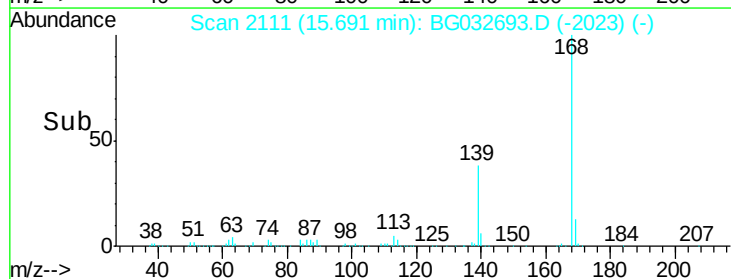
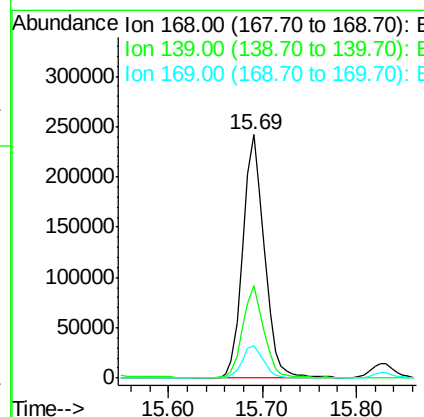
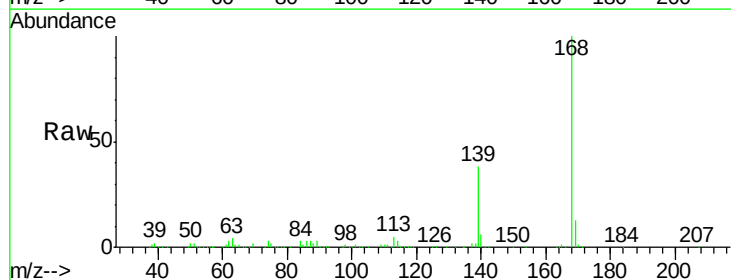
Instrument :
 BNA_G
 ClientSampleId :
 PB106539BSD

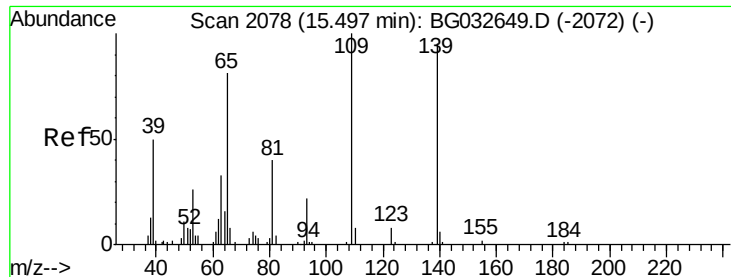
Tot Ion:184 Resp: 41338
 Ion Ratio Lower Upper
 184 100
 63 53.2 59.8 89.8#
 154 90.3 101.8 152.8#



#54
 Dibenzofuran
 Concen: 44.853 ng
 RT: 15.69 min Scan# 2111
 Delta R.T. -0.01 min
 Lab File: BG032693.D
 Acq: 14 Feb 2018 22:39

Tgt Ion:168 Resp: 385294
 Ion Ratio Lower Upper
 168 100
 139 38.0 28.6 43.0
 169 13.3 11.2 16.8





#55

4-Nitrophenol

Concen: 94.195 ng

RT: 15.49 min Scan# 2077

Delta R.T. -0.01 min

Lab File: BG032693.D

Acq: 14 Feb 2018 22:39

Instrument :

BNA_G

ClientSampleId :

PB106539BSD

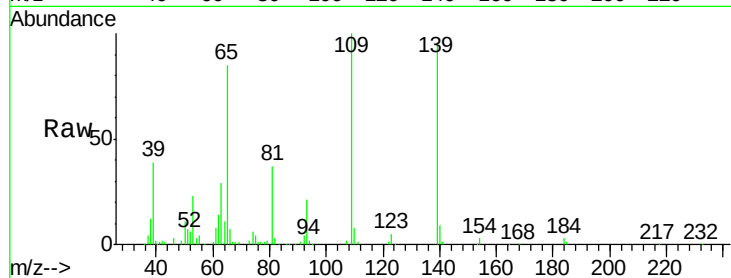
Tot Ion:139 Resp: 98008

Ion Ratio Lower Upper

139 100

109 104.5 62.2 102.2#

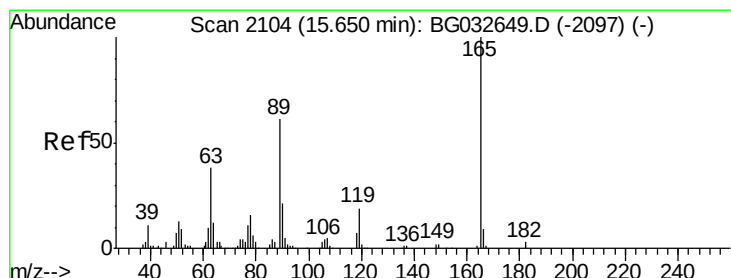
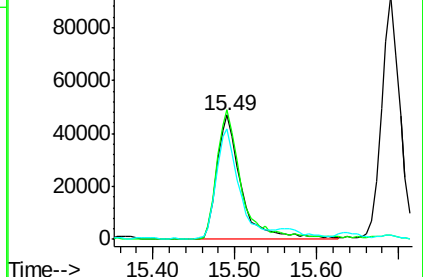
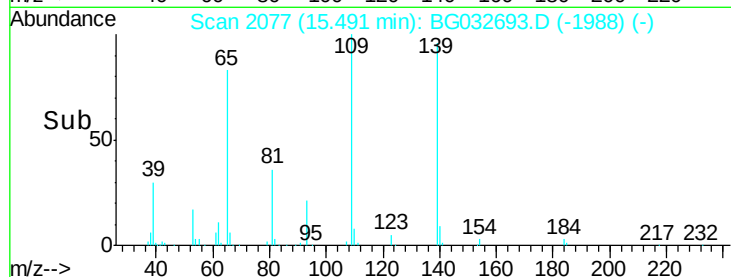
65 89.2 97.2 137.2#



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: 47.823 ng

RT: 15.64 min Scan# 2102

Delta R.T. -0.01 min

Lab File: BG032693.D

Acq: 14 Feb 2018 22:39

Tgt Ion:165 Resp: 103532

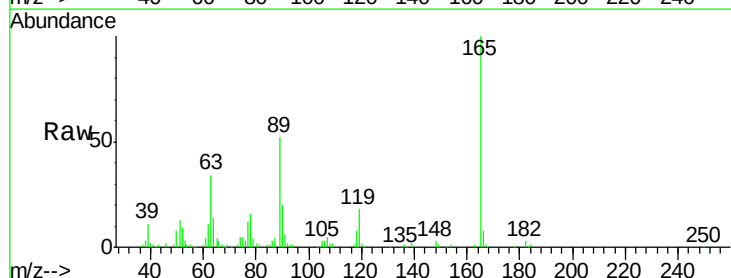
Ion Ratio Lower Upper

165 100

63 34.0 42.0 63.0#

89 52.4 66.9 100.3#

182 3.3 2.6 3.8

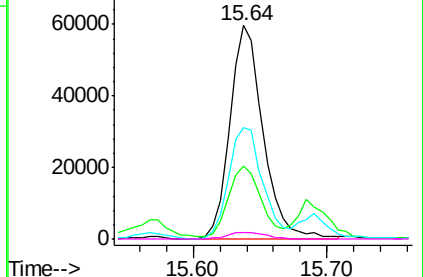
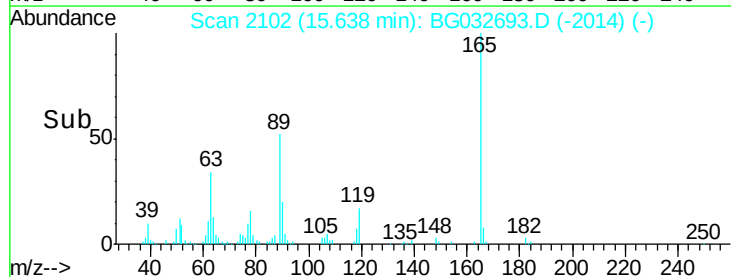


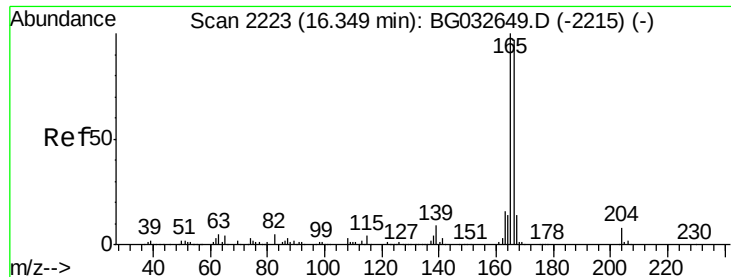
Abundance Ion 165.00 (164.70 to 165.70): E

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

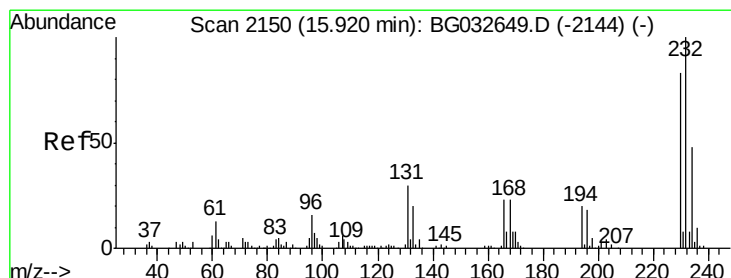
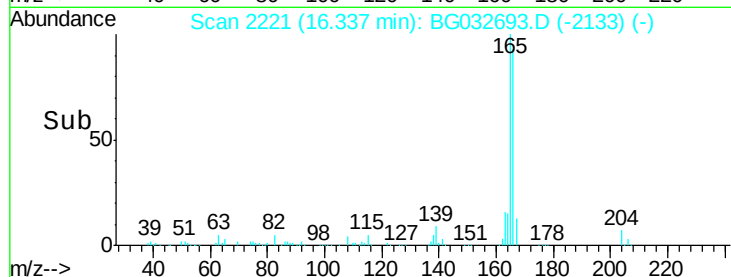
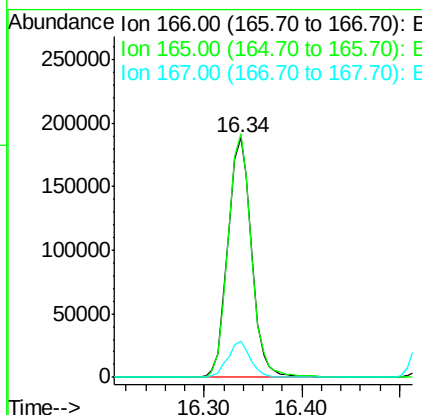
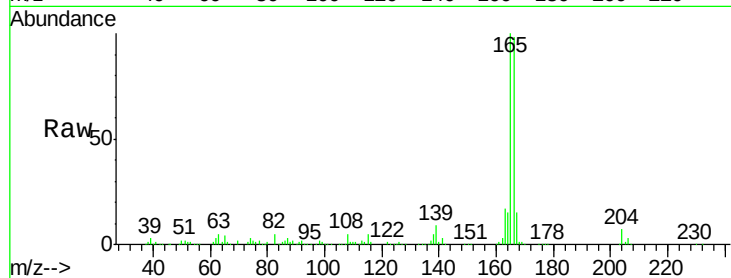




#57
 Fluorene
 Concen: 45.190 ng
 RT: 16.34 min Scan# 2221
 Delta R.T. -0.01 min
 Lab File: BG032693.D
 Acq: 14 Feb 2018 22:39

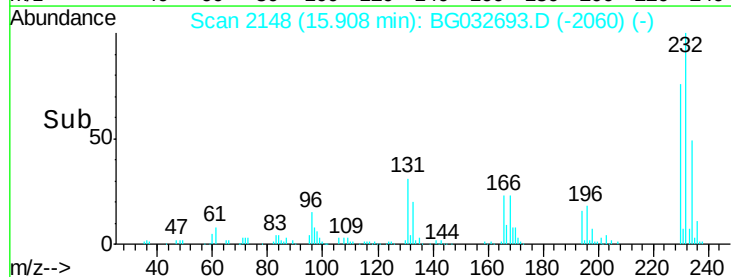
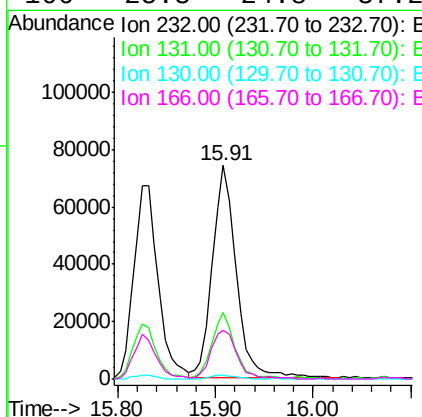
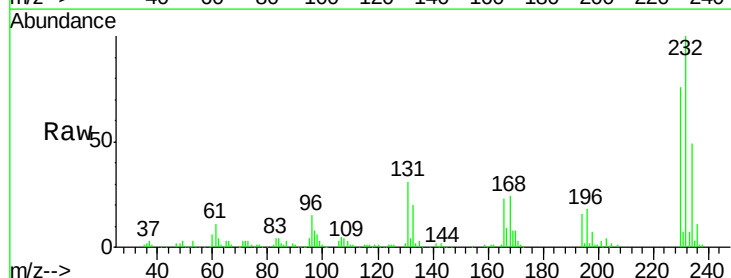
Instrument :
 BNA_G
 ClientSampleId :
 PB106539BSD

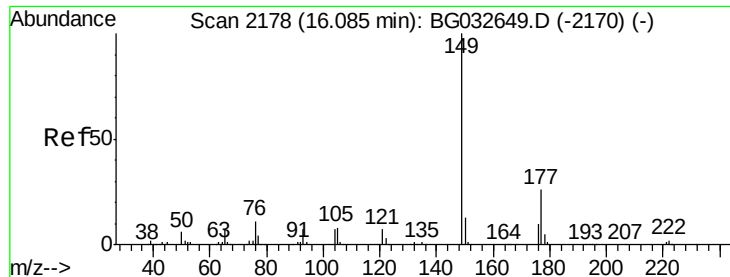
Tot Ion:166 Resp: 319241
 Ion Ratio Lower Upper
 166 100
 165 101.6 80.6 121.0
 167 15.2 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 51.626 ng
 RT: 15.91 min Scan# 2148
 Delta R.T. -0.01 min
 Lab File: BG032693.D
 Acq: 14 Feb 2018 22:39

Tgt Ion:232 Resp: 126027
 Ion Ratio Lower Upper
 232 100
 131 29.2 33.5 50.3#
 130 2.0 2.2 3.2#
 166 25.3 24.8 37.2

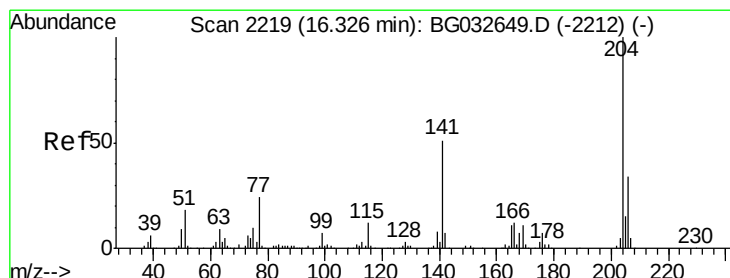
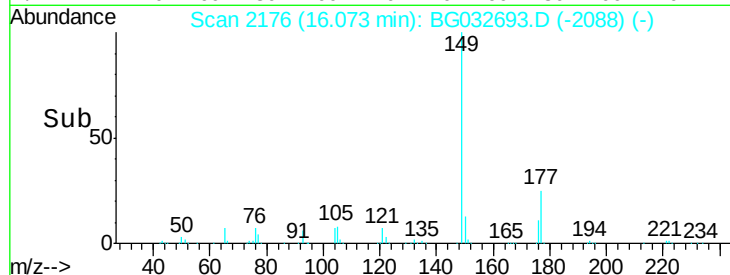
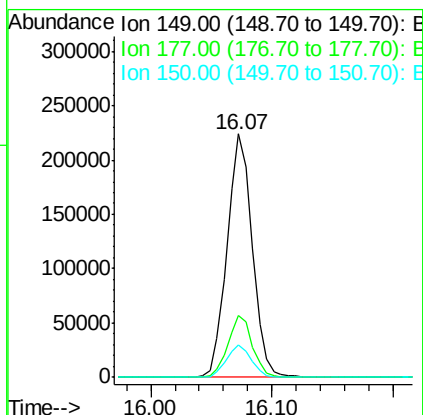
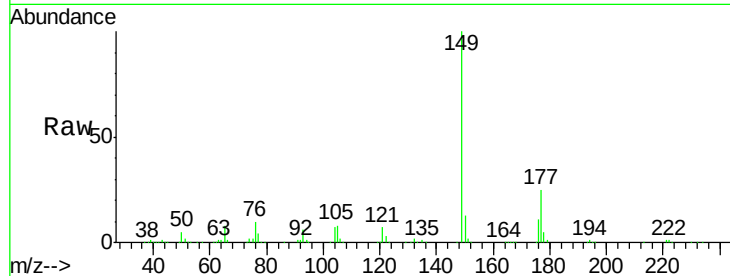




#59
Diethylphthalate
Concen: 43.807 ng
RT: 16.07 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BG032693.D
Acq: 14 Feb 2018 22:39

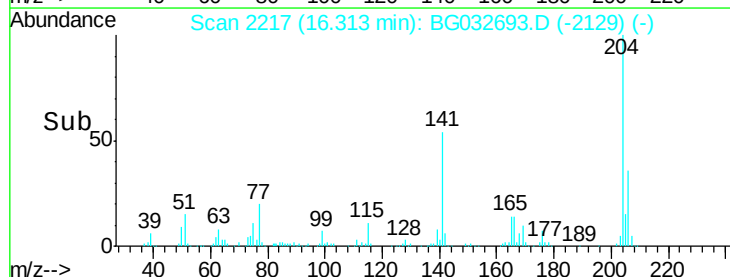
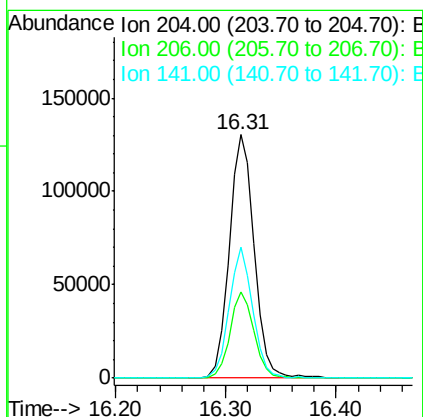
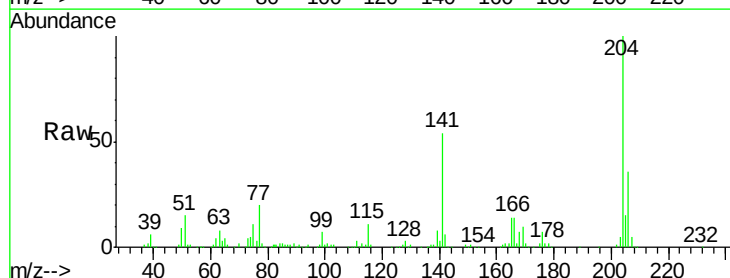
Instrument :
BNA_G
ClientSampleId :
PB106539BSD

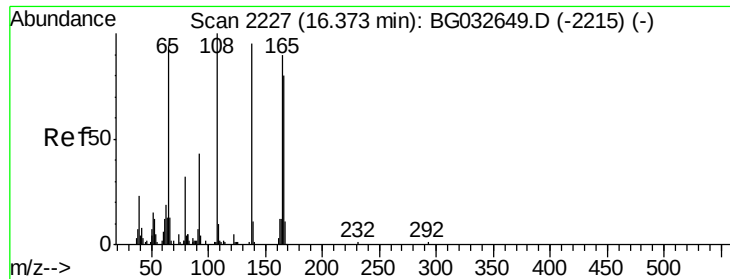
Tot Ion:149 Resp: 325192
Ion Ratio Lower Upper
149 100
177 25.3 18.5 27.7
150 13.1 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 44.017 ng
RT: 16.31 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BG032693.D
Acq: 14 Feb 2018 22:39

Tgt Ion:204 Resp: 205307
Ion Ratio Lower Upper
204 100
206 35.6 26.2 39.2
141 53.7 45.8 68.6

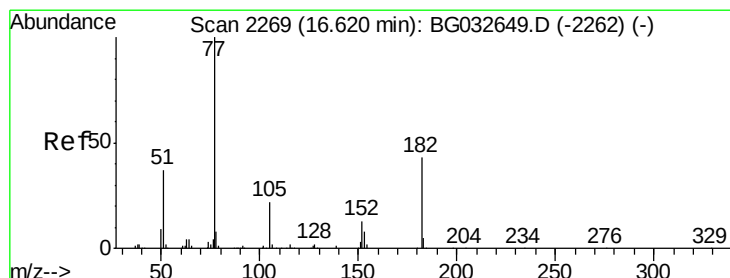
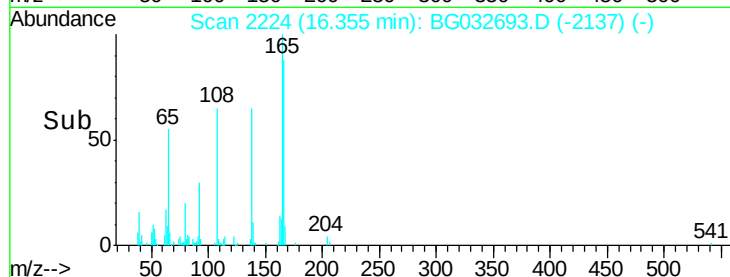
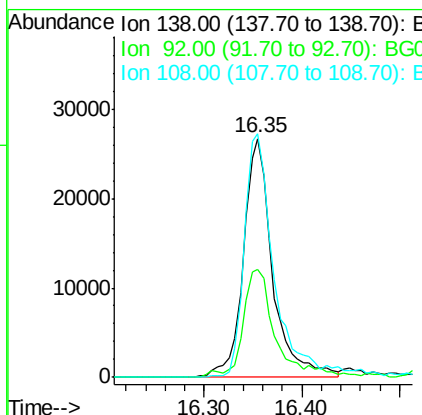
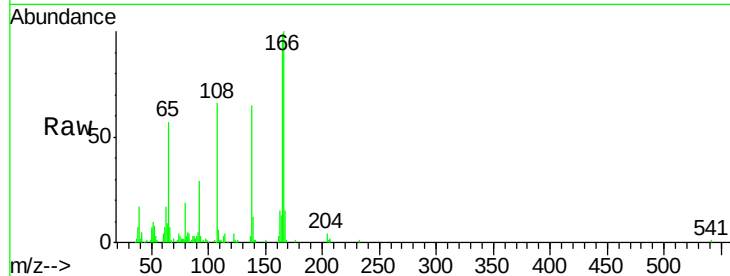




#61
4-Nitroaniline
Concen: 39.011 ng
RT: 16.35 min Scan# 2224
Delta R.T. -0.02 min
Lab File: BG032693.D
Acq: 14 Feb 2018 22:39

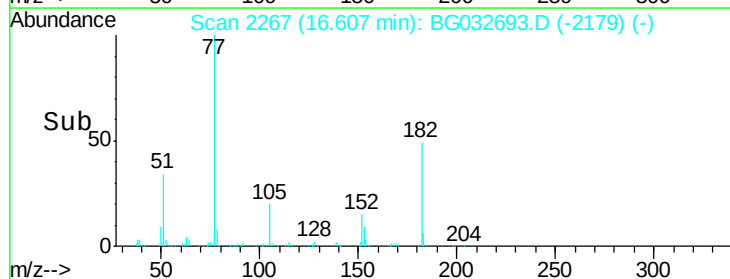
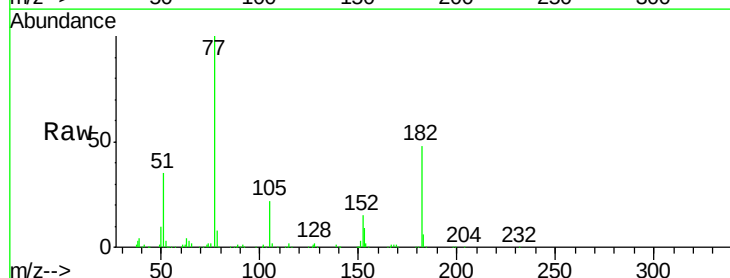
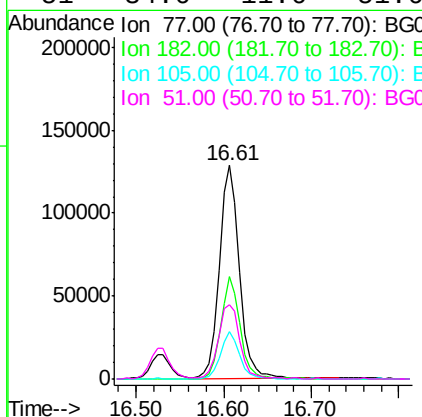
Instrument :
BNA_G
ClientSampleId :
PB106539BSD

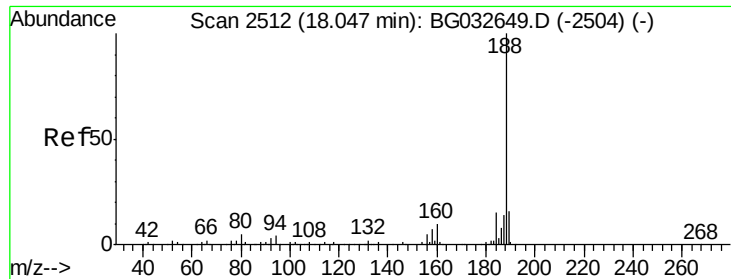
Tot Ion:138 Resp: 55806
Ion Ratio Lower Upper
138 100
92 45.4 40.1 80.1
108 102.0 65.4 105.4



#62
Azobenzene
Concen: 42.845 ng
RT: 16.61 min Scan# 2267
Delta R.T. -0.01 min
Lab File: BG032693.D
Acq: 14 Feb 2018 22:39

Tgt Ion: 77 Resp: 204343
Ion Ratio Lower Upper
77 100
182 48.1 7.4 47.4#
105 22.4 0.3 40.3
51 34.6 11.6 51.6

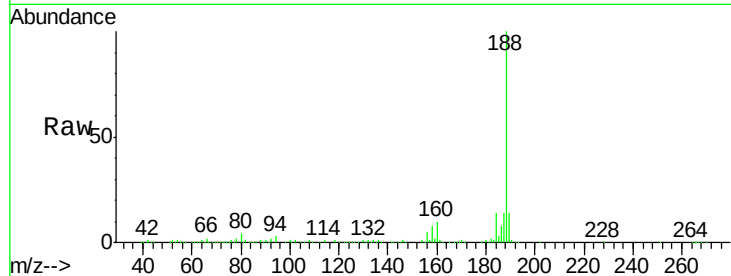




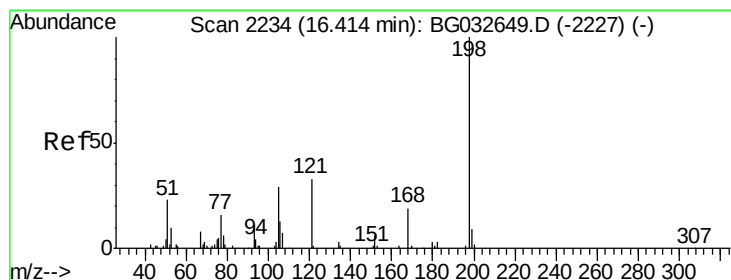
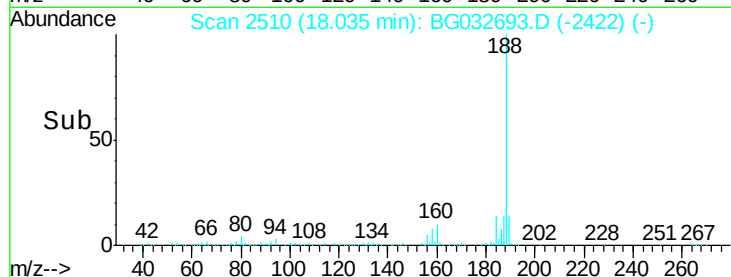
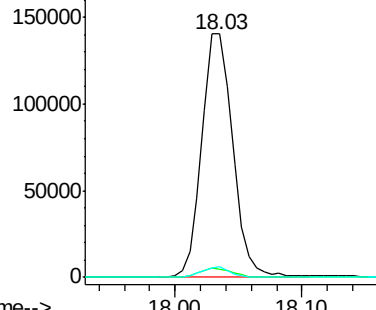
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.03 min Scan# 2510
Delta R.T. -0.01 min
Lab File: BG032693.D
Acq: 14 Feb 2018 22:39

Instrument :
BNA_G
ClientSampleId :
PB106539BSD

Tot Ion:188 Resp: 238851
Ion Ratio Lower Upper
188 100
94 3.4 6.9 10.3#
80 4.3 7.7 11.5#

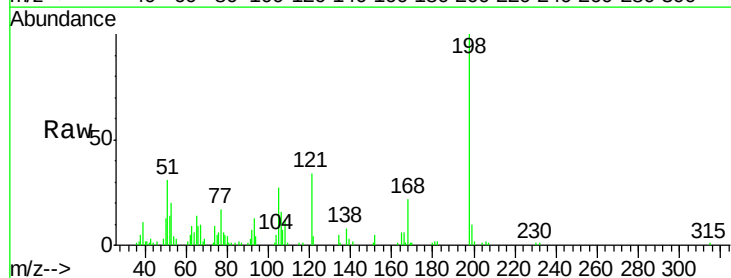


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

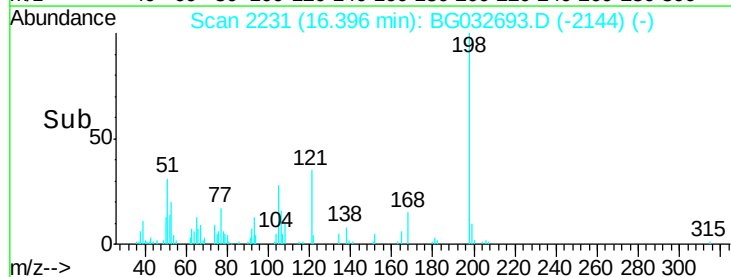
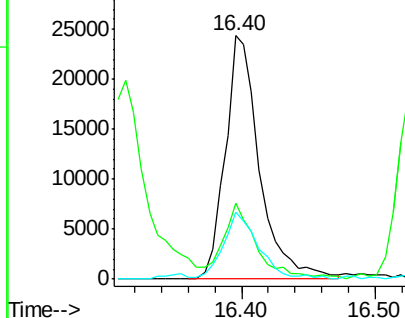


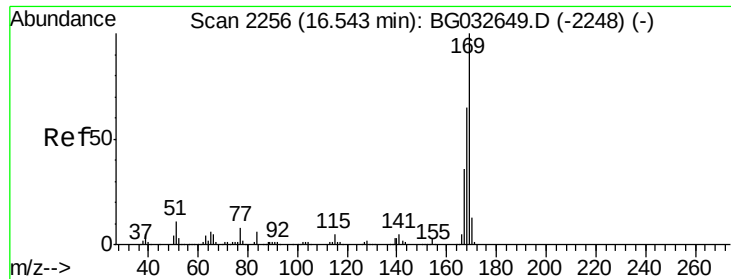
#64
4,6-Dinitro-2-methylphenol
Concen: 27.539 ng
RT: 16.40 min Scan# 2231
Delta R.T. -0.02 min
Lab File: BG032693.D
Acq: 14 Feb 2018 22:39

Tgt Ion:198 Resp: 43690
Ion Ratio Lower Upper
198 100
51 31.0 30.6 70.6
105 27.3 23.8 63.8



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BGC
Ion 105.00 (104.70 to 105.70): E

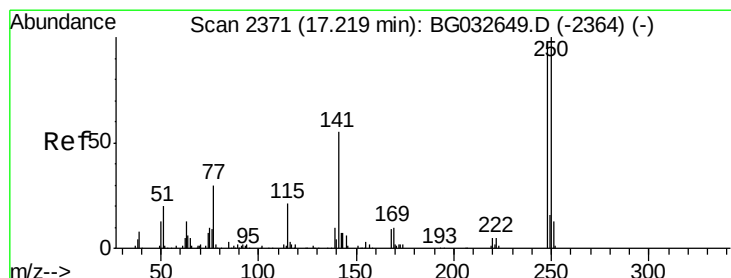
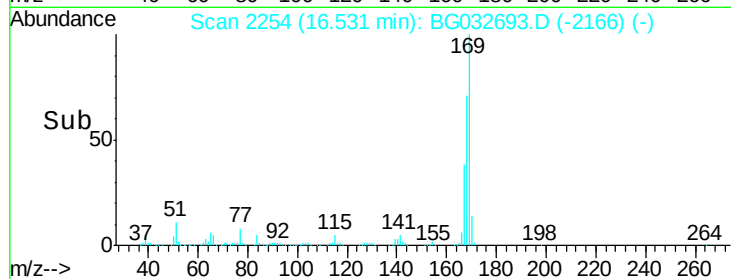
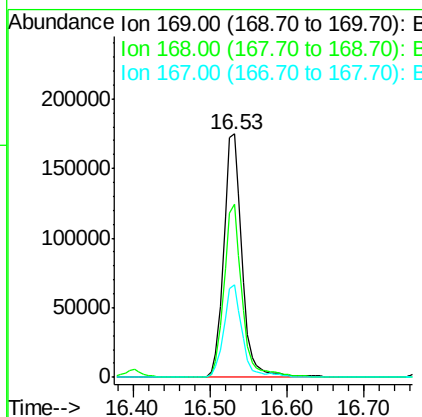
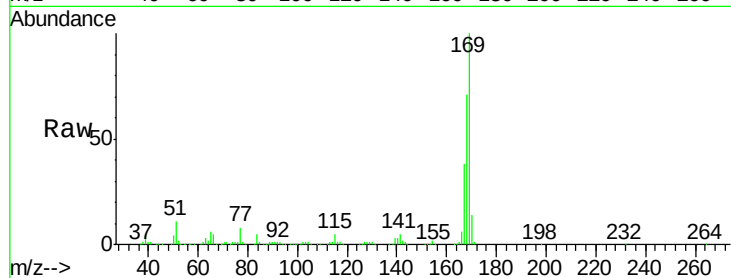




#65
n-Nitrosodiphenylamine
Concen: 41.186 ng
RT: 16.53 min Scan# 2254
Delta R.T. -0.01 min
Lab File: BG032693.D
Acq: 14 Feb 2018 22:39

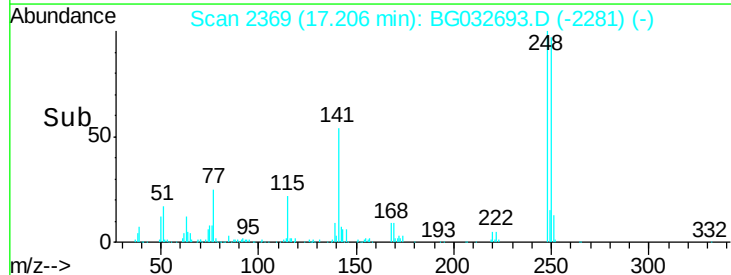
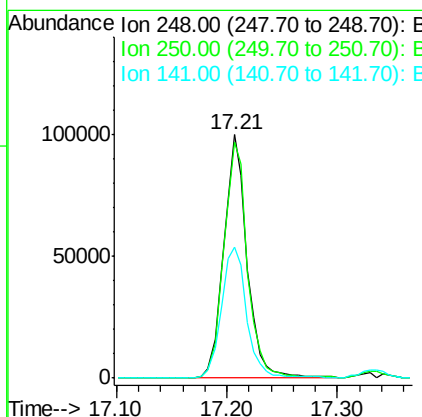
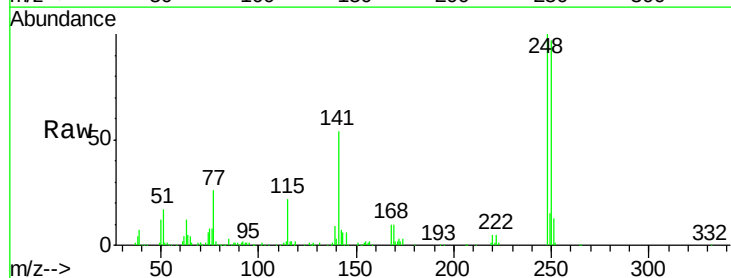
Instrument :
BNA_G
ClientSampleId :
PB106539BSD

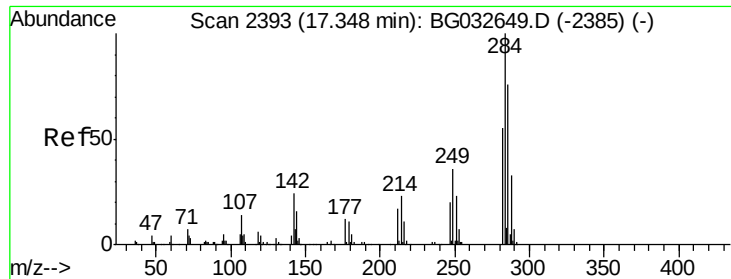
Tot Ion:169 Resp: 288510
Ion Ratio Lower Upper
169 100
168 71.0 55.7 83.5
167 37.8 30.1 45.1



#66
4-Bromophenyl-phenylether
Concen: 43.079 ng
RT: 17.21 min Scan# 2369
Delta R.T. -0.01 min
Lab File: BG032693.D
Acq: 14 Feb 2018 22:39

Tgt Ion:248 Resp: 147257
Ion Ratio Lower Upper
248 100
250 96.9 77.1 115.7
141 53.9 50.8 76.2

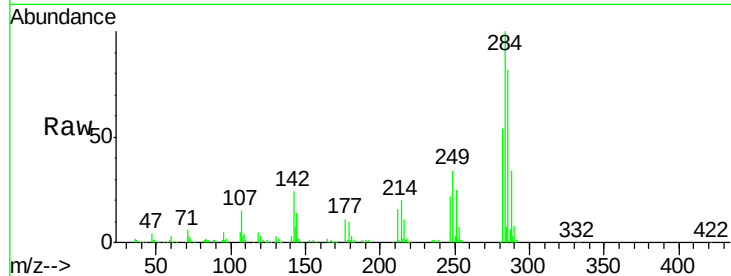




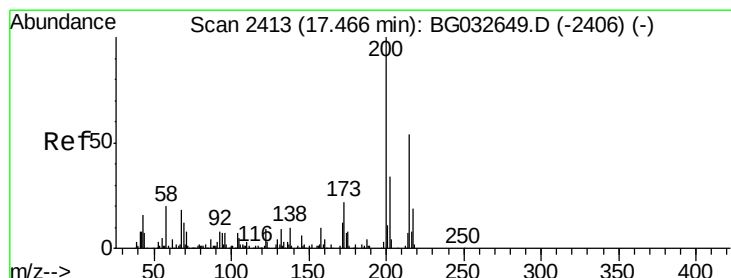
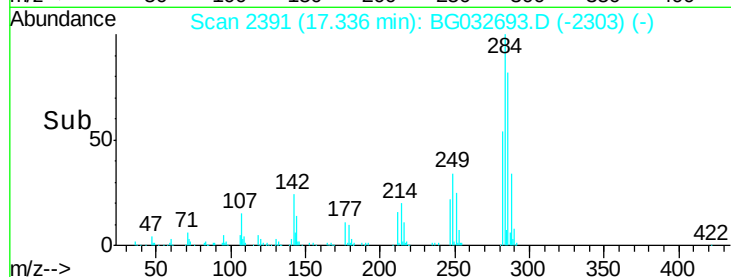
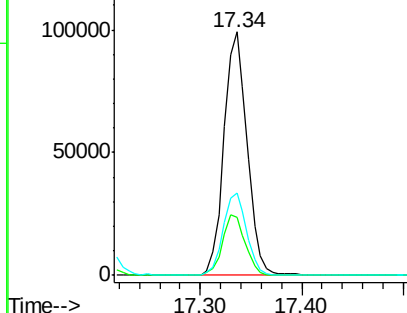
#67
Hexachlorobenzene
Concen: 42.718 ng
RT: 17.34 min Scan# 2391
Delta R.T. -0.01 min
Lab File: BG032693.D
Acq: 14 Feb 2018 22:39

Instrument :
BNA_G
ClientSampleId :
PB106539BSD

Tot Ion:284 Resp: 156834
Ion Ratio Lower Upper
284 100
142 23.9 26.8 40.2#
249 33.9 26.3 39.5

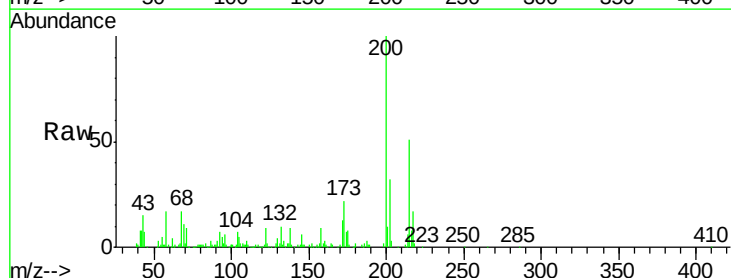


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

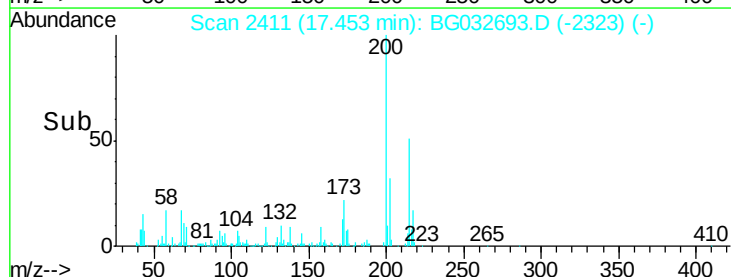
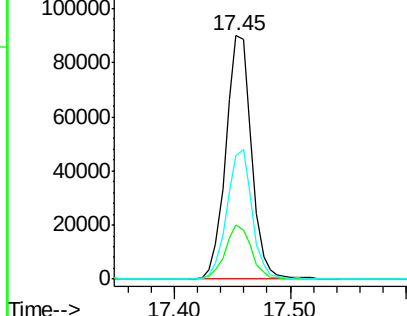


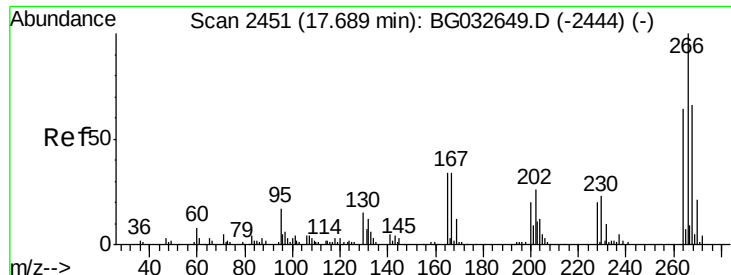
#68
Atrazine
Concen: 46.078 ng
RT: 17.45 min Scan# 2411
Delta R.T. -0.01 min
Lab File: BG032693.D
Acq: 14 Feb 2018 22:39

Tgt Ion:200 Resp: 138444
Ion Ratio Lower Upper
200 100
173 22.4 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

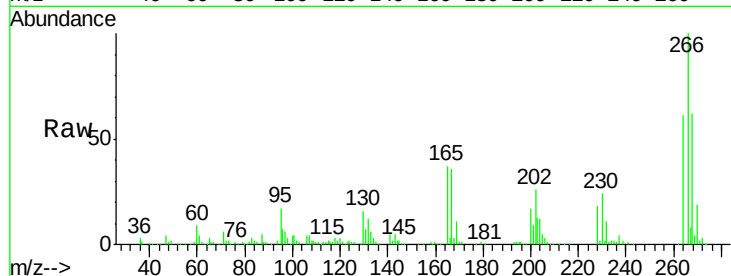




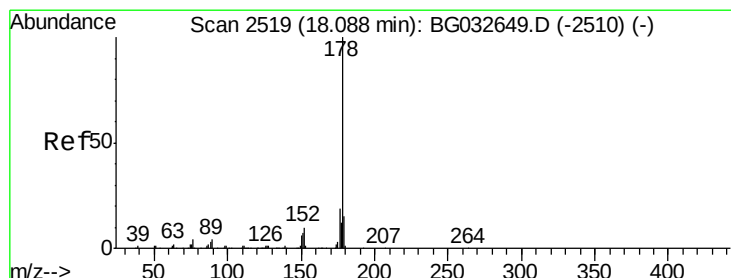
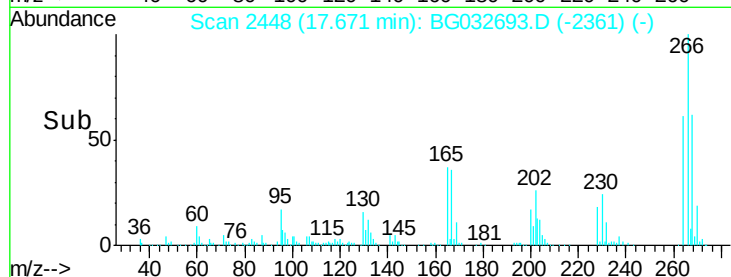
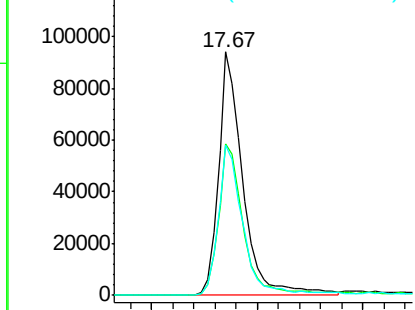
#69
 Pentachlorophenol
 Concen: 67.210 ng
 RT: 17.67 min Scan# 2448
 Delta R.T. -0.02 min
 Lab File: BG032693.D
 Acq: 14 Feb 2018 22:39

Instrument :
 BNA_G
 ClientSampleId :
 PB106539BSD

Tot Ion:266 Resp: 151064
 Ion Ratio Lower Upper
 266 100
 268 62.0 51.1 76.7
 264 61.4 49.6 74.4

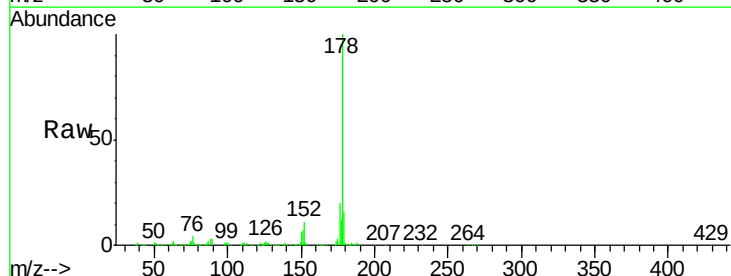


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

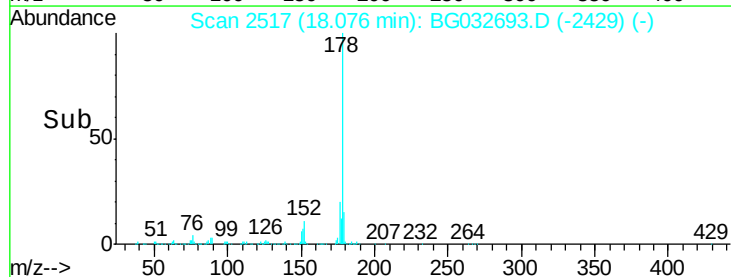
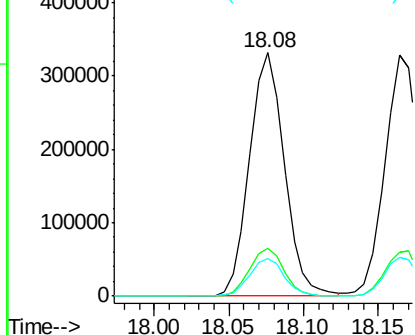


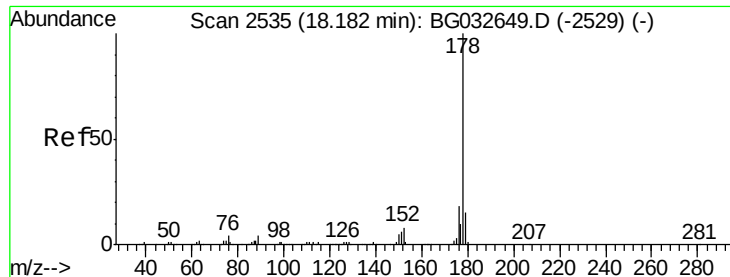
#70
 Phenanthrene
 Concen: 41.751 ng
 RT: 18.08 min Scan# 2517
 Delta R.T. -0.01 min
 Lab File: BG032693.D
 Acq: 14 Feb 2018 22:39

Tgt Ion:178 Resp: 535694
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.7 23.5
 179 15.5 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

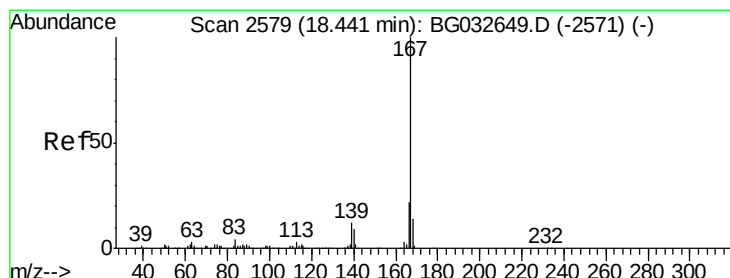
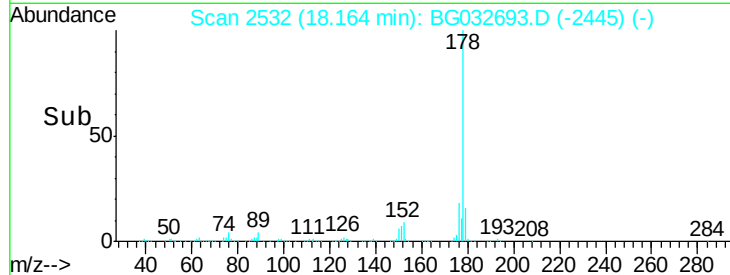
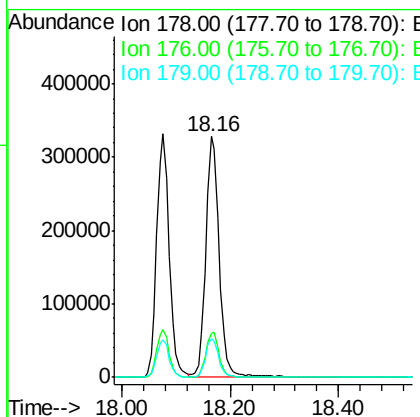
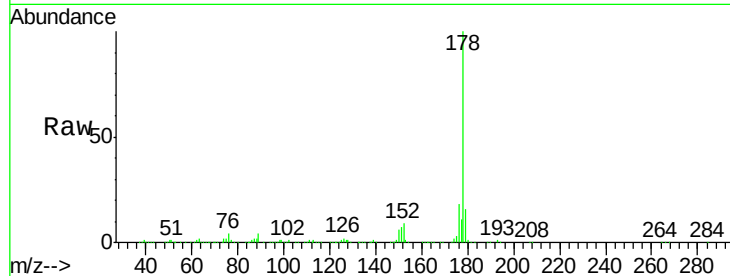




#71
 Anthracene
 Concen: 42.980 ng
 RT: 18.16 min Scan# 2532
 Delta R.T. -0.02 min
 Lab File: BG032693.D
 Acq: 14 Feb 2018 22:39

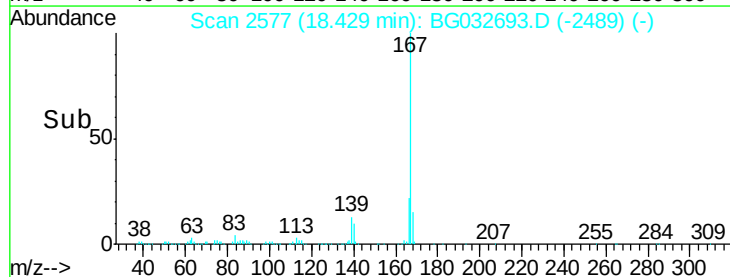
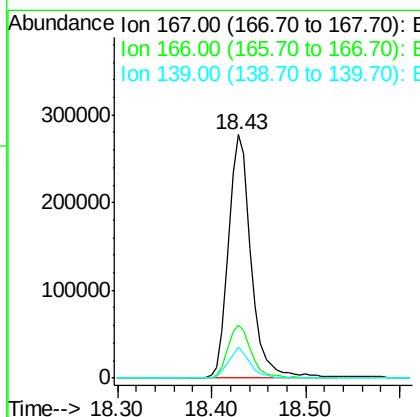
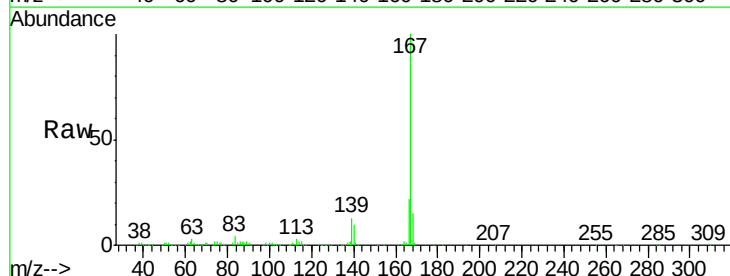
Instrument :
 BNA_G
 ClientSampleId :
 PB106539BSD

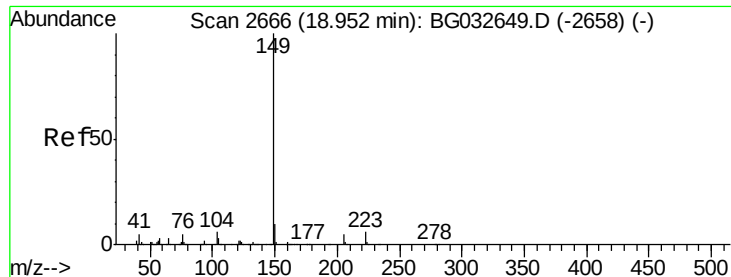
Tot Ion:178 Resp: 564255
 Ion Ratio Lower Upper
 178 100
 176 18.4 16.0 24.0
 179 16.3 12.5 18.7



#72
 Carbazole
 Concen: 41.624 ng
 RT: 18.43 min Scan# 2577
 Delta R.T. -0.01 min
 Lab File: BG032693.D
 Acq: 14 Feb 2018 22:39

Tgt Ion:167 Resp: 465914
 Ion Ratio Lower Upper
 167 100
 166 21.6 18.2 27.4
 139 12.7 9.4 14.2





#73

Di-n-butylphthalate

Concen: 42.888 ng

RT: 18.94 min Scan# 2664

Delta R.T. -0.01 min

Lab File: BG032693.D

Acq: 14 Feb 2018 22:39

Instrument :

BNA_G

ClientSampleId :

PB106539BSD

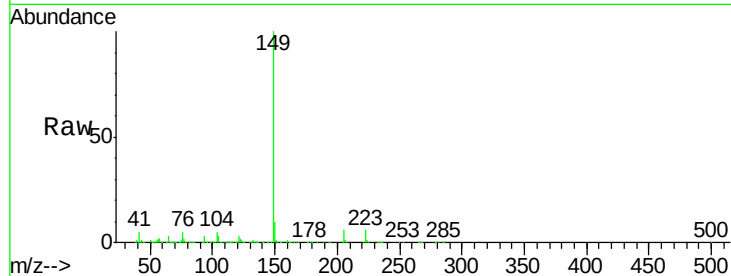
Tot Ion:149 Resp: 540530

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

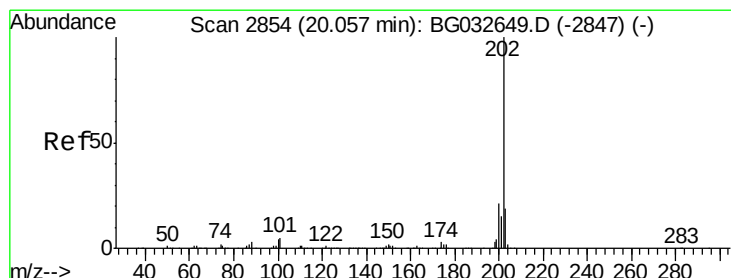
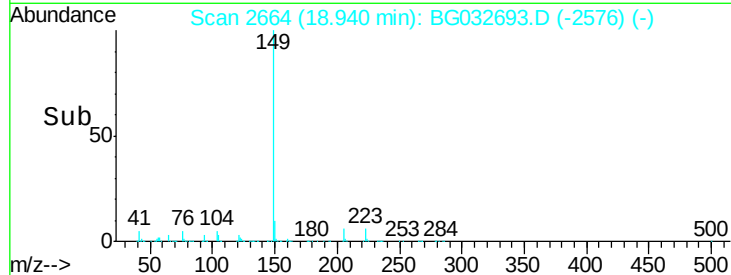
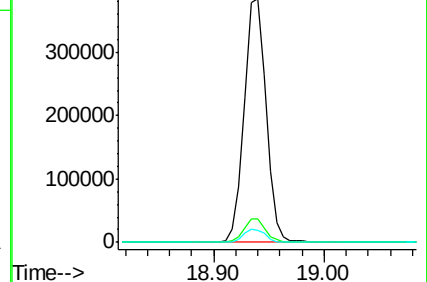
104 5.0 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.845 ng

RT: 20.04 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BG032693.D

Acq: 14 Feb 2018 22:39

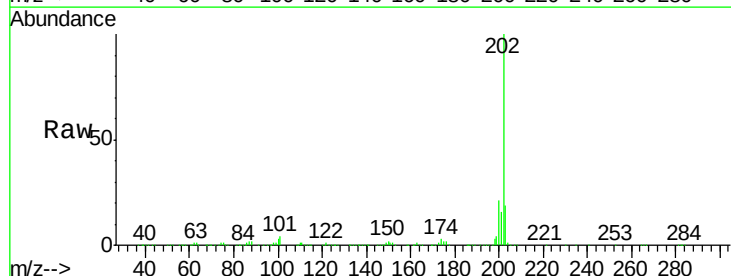
Tgt Ion:202 Resp: 699632

Ion Ratio Lower Upper

202 100

101 4.4 0.0 28.9

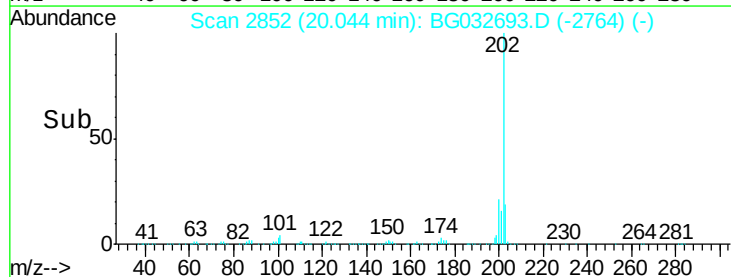
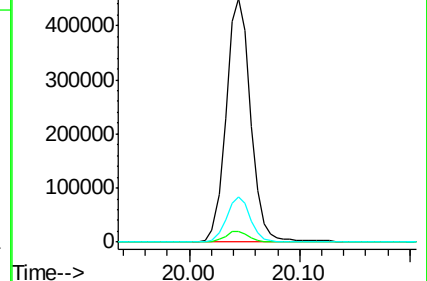
203 18.7 0.0 37.5

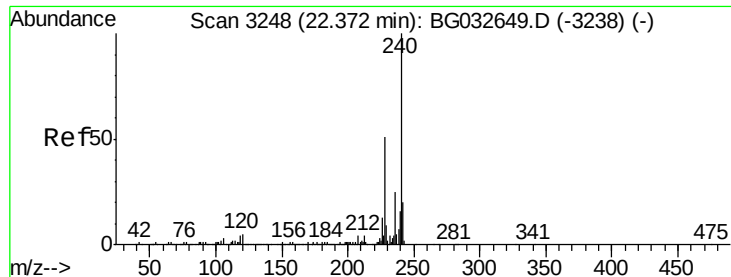


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.35 min Scan# 3245

Delta R.T. -0.02 min

Lab File: BG032693.D

Acq: 14 Feb 2018 22:39

Instrument :

BNA_G

ClientSampleId :

PB106539BSD

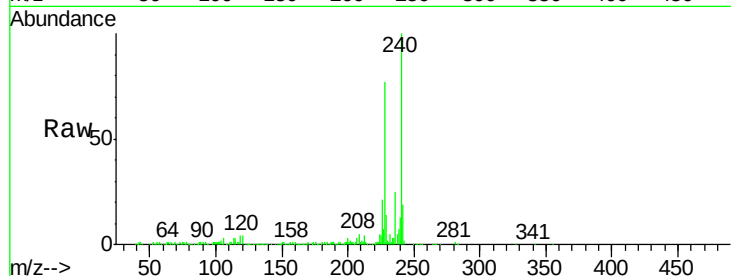
Tot Ion:240 Resp: 299493

Ion Ratio Lower Upper

240 100

120 4.2 6.8 10.2#

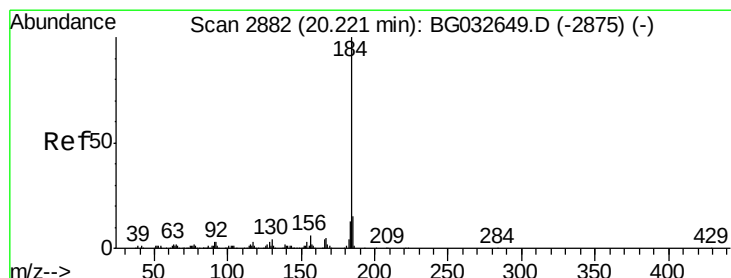
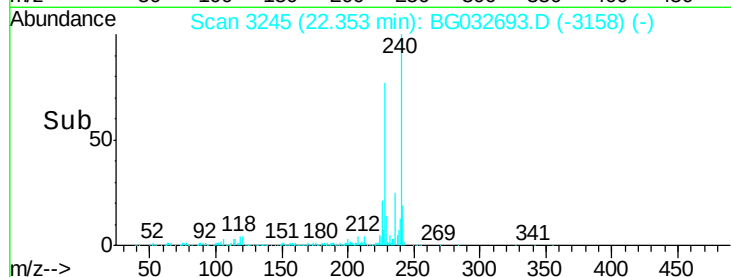
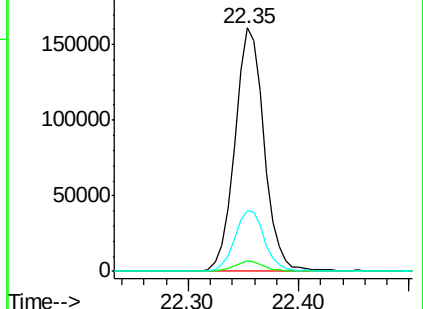
236 24.7 20.9 31.3



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: 23.640 ng

RT: 20.21 min Scan# 2880

Delta R.T. -0.01 min

Lab File: BG032693.D

Acq: 14 Feb 2018 22:39

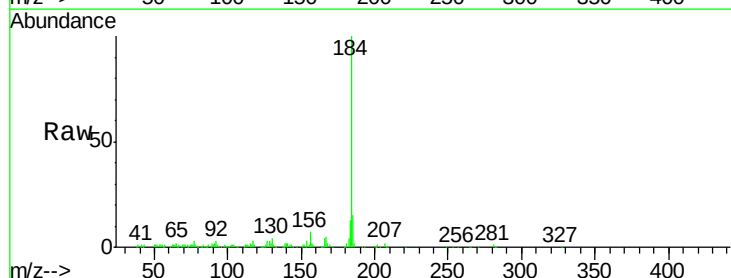
Tgt Ion:184 Resp: 166715

Ion Ratio Lower Upper

184 100

185 15.2 11.1 16.7

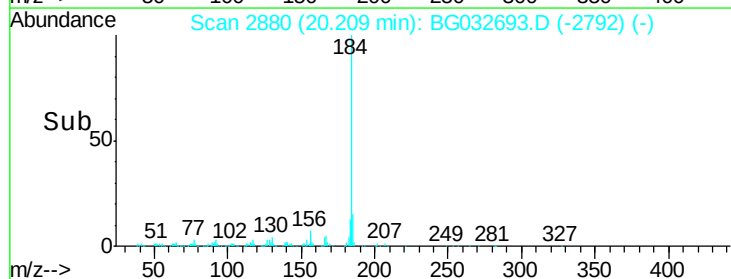
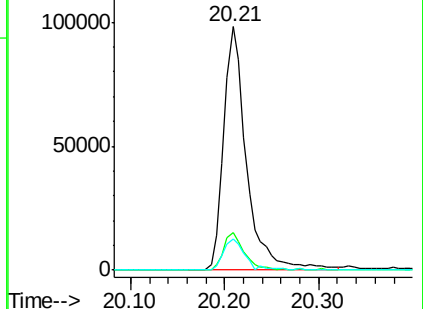
183 12.7 10.6 16.0

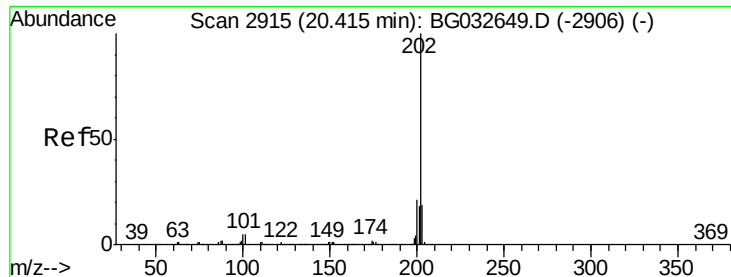


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 40.889 ng

RT: 20.40 min Scan# 2913

Delta R.T. -0.01 min

Lab File: BG032693.D

Acq: 14 Feb 2018 22:39

Instrument :

BNA_G

ClientSampleId :

PB106539BSD

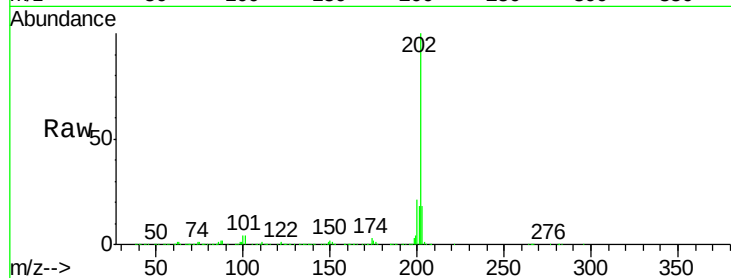
Tot Ion:202 Resp: 728544

Ion Ratio Lower Upper

202 100

200 21.0 16.9 25.3

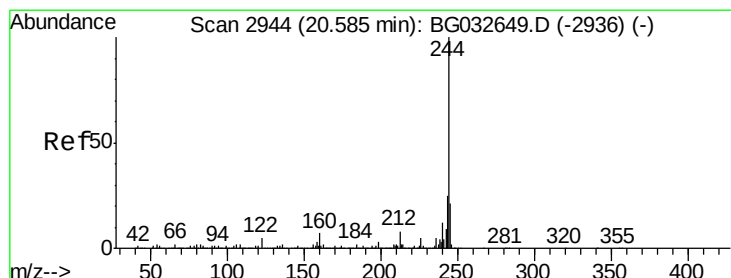
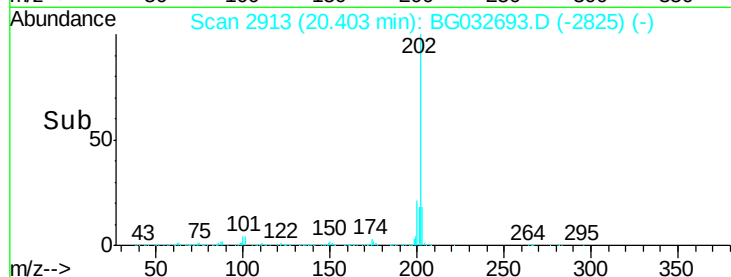
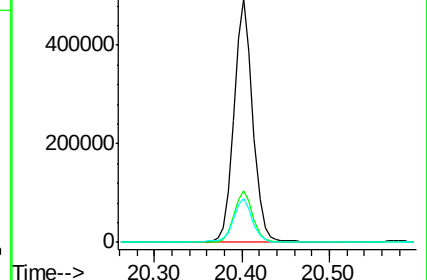
203 17.9 13.9 20.9



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: 85.964 ng

RT: 20.58 min Scan# 2943

Delta R.T. -0.01 min

Lab File: BG032693.D

Acq: 14 Feb 2018 22:39

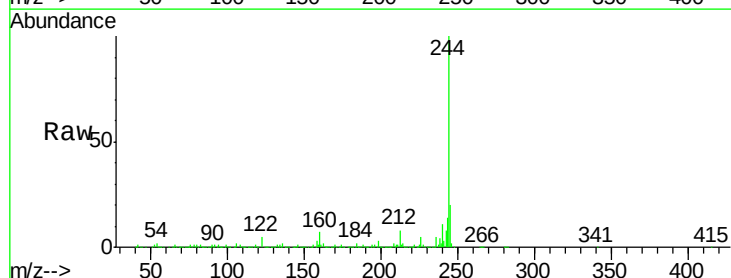
Tgt Ion:244 Resp: 1129591

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

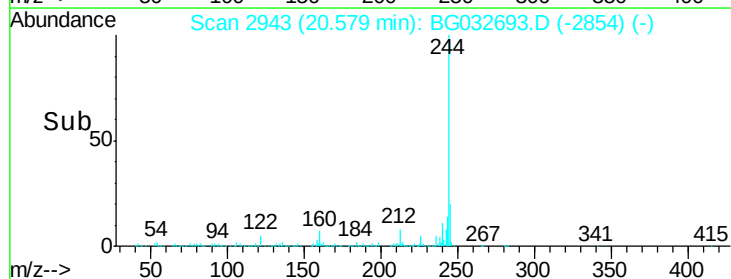
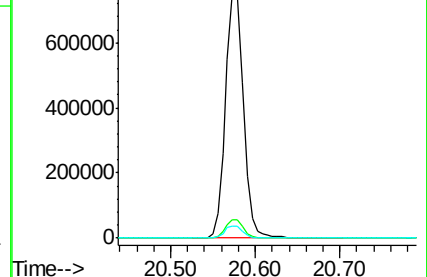
122 4.7 7.0 10.4#

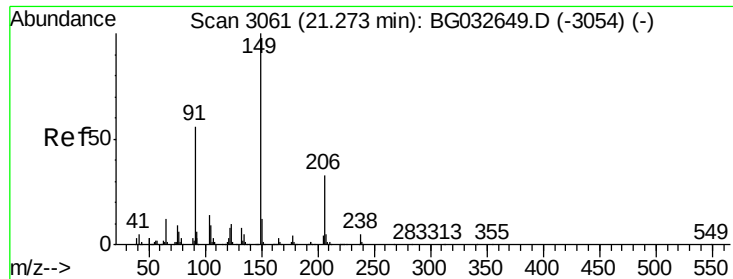


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

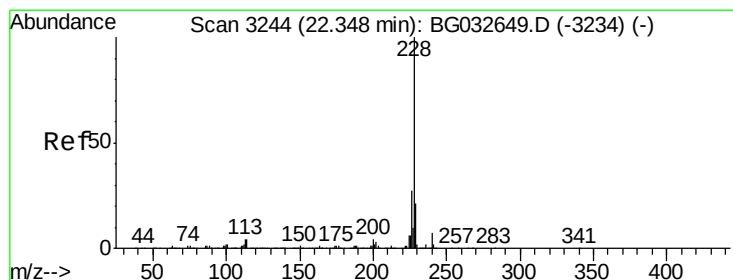
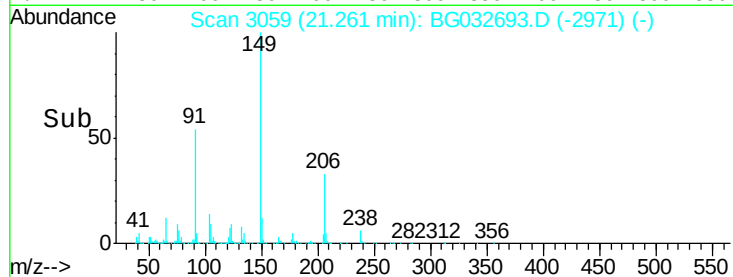
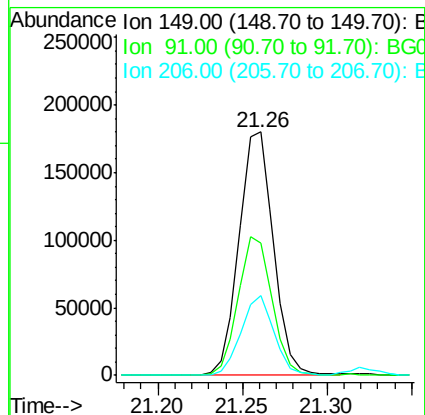
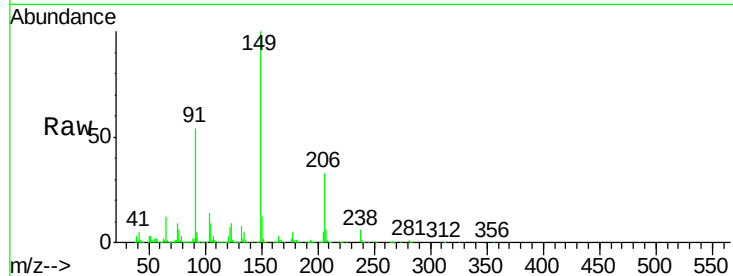




#79
Butylbenzylphthalate
Concen: 43.557 ng
RT: 21.26 min Scan# 3059
Delta R.T. -0.01 min
Lab File: BG032693.D
Acq: 14 Feb 2018 22:39

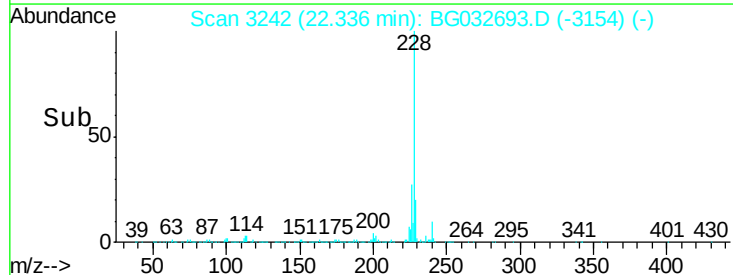
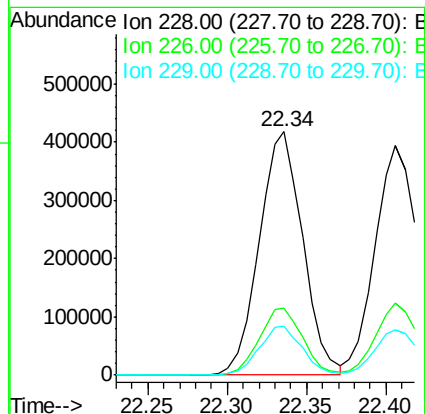
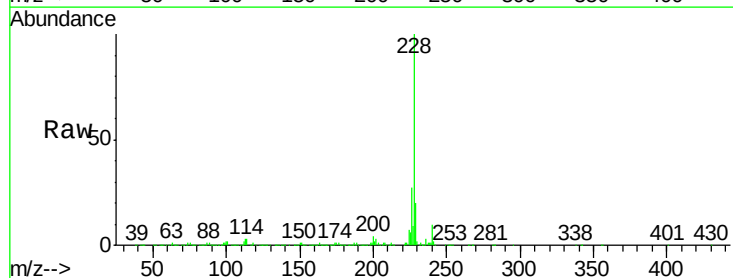
Instrument :
BNA_G
ClientSampleId :
PB106539BSD

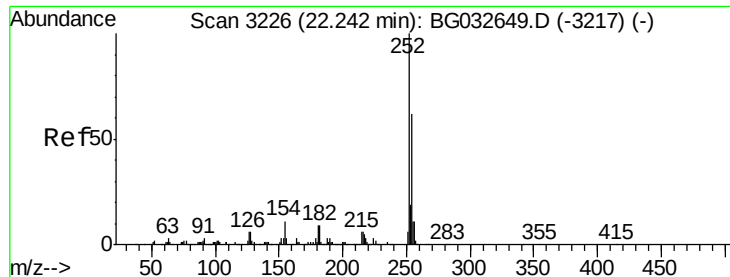
Tot Ion	Ratio	Lower	Upper
149	100		
91	54.3	62.2	93.2#
206	32.7	18.6	27.8#



#80
Benzo(a)anthracene
Concen: 42.476 ng
RT: 22.34 min Scan# 3242
Delta R.T. -0.01 min
Lab File: BG032693.D
Acq: 14 Feb 2018 22:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.7	34.1
229	20.1	16.2	24.2

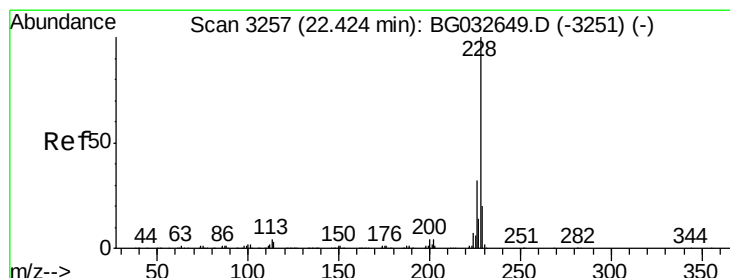
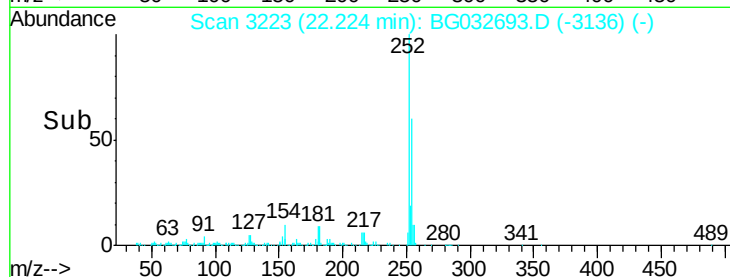
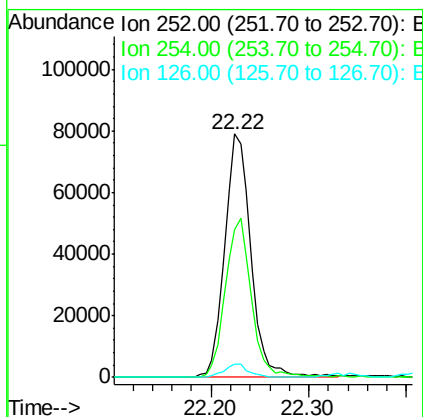
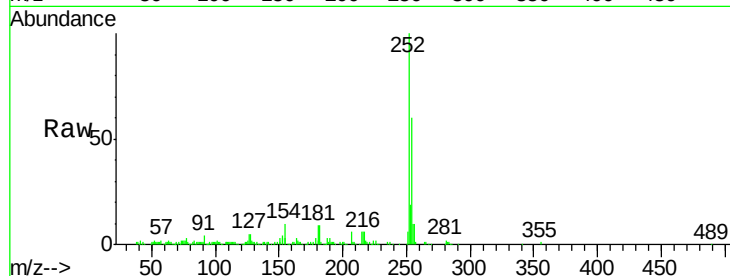




#81
 3,3'-Dichlorobenzidine
 Concen: 20.981 ng
 RT: 22.22 min Scan# 3223
 Delta R.T. -0.02 min
 Lab File: BG032693.D
 Acq: 14 Feb 2018 22:39

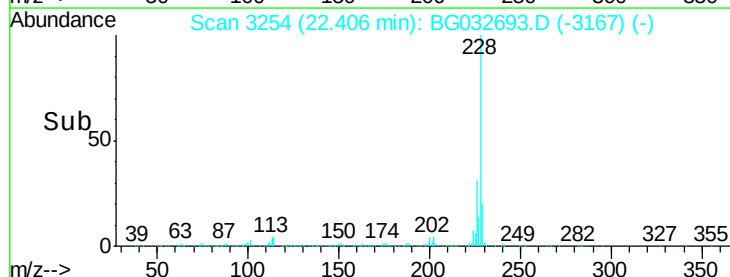
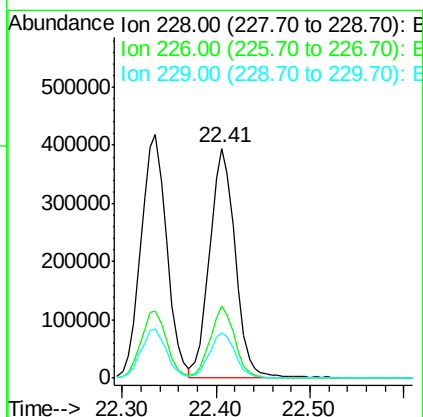
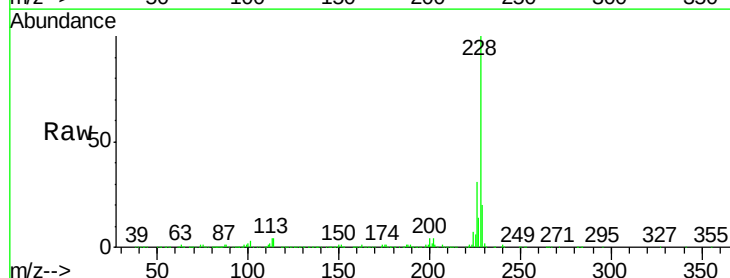
Instrument :
 BNA_G
 ClientSampleId :
 PB106539BSD

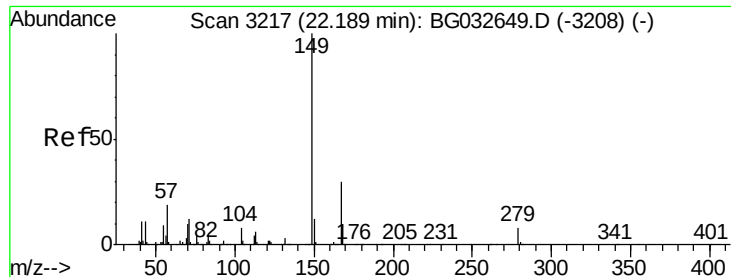
Tot Ion:252 Resp: 146931
 Ion Ratio Lower Upper
 252 100
 254 60.5 50.8 76.2
 126 5.4 7.4 11.2#



#82
 Chrysene
 Concen: 40.661 ng
 RT: 22.41 min Scan# 3254
 Delta R.T. -0.02 min
 Lab File: BG032693.D
 Acq: 14 Feb 2018 22:39

Tgt Ion:228 Resp: 751817
 Ion Ratio Lower Upper
 228 100
 226 31.1 24.9 37.3
 229 19.6 15.0 22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.805 ng

RT: 22.18 min Scan# 3215

Delta R.T. -0.01 min

Lab File: BG032693.D

Acq: 14 Feb 2018 22:39

Instrument :

BNA_G

ClientSampleId :

PB106539BSD

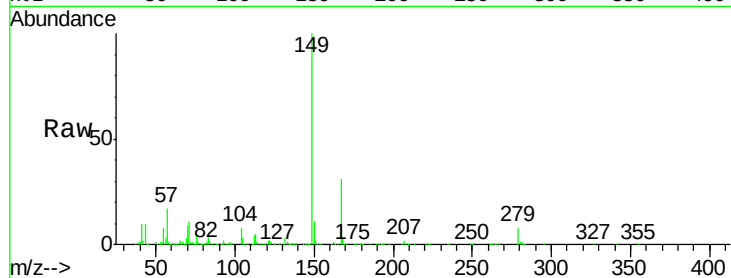
Tot Ion:149 Resp: 336909

Ion Ratio Lower Upper

149 100

167 31.4 24.3 36.5

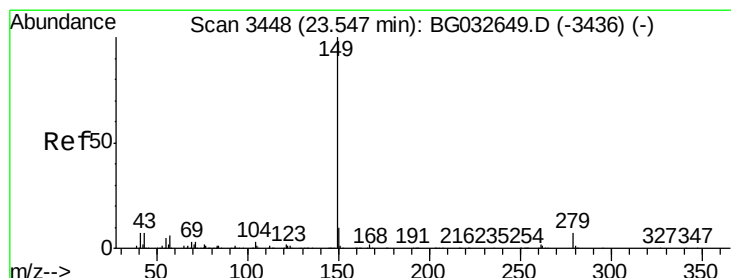
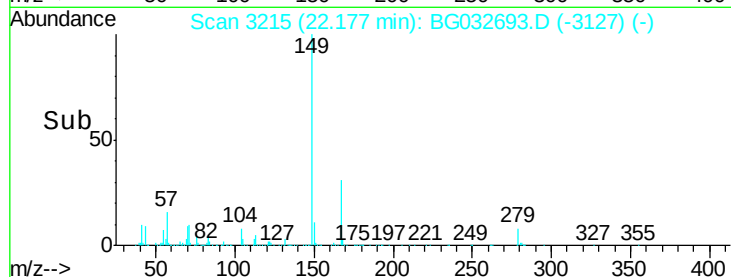
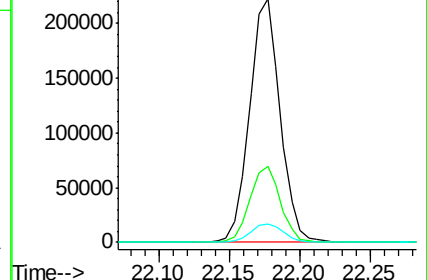
279 7.6 4.0 6.0#



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: 43.121 ng

RT: 23.53 min Scan# 3445

Delta R.T. -0.02 min

Lab File: BG032693.D

Acq: 14 Feb 2018 22:39

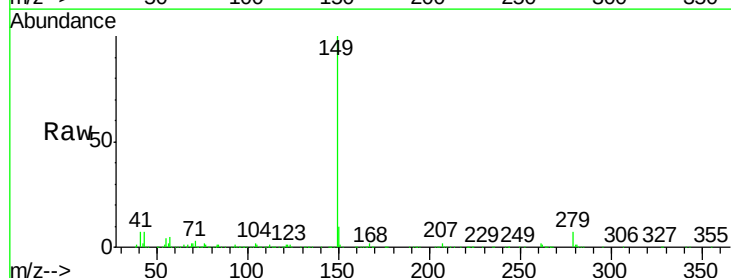
Tgt Ion:149 Resp: 572621

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

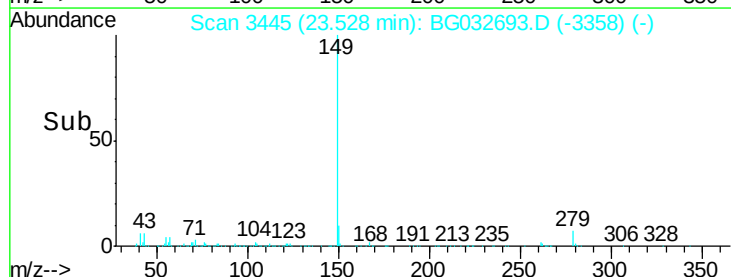
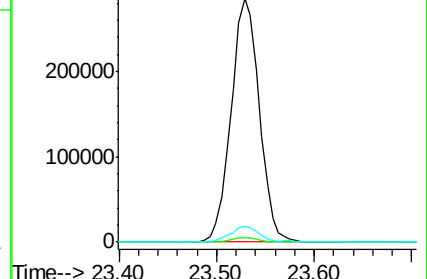
43 6.4 8.9 13.3#

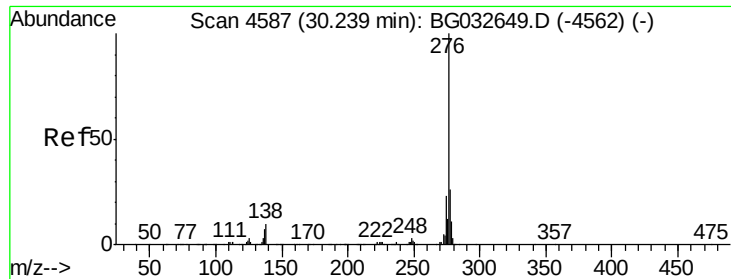


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG

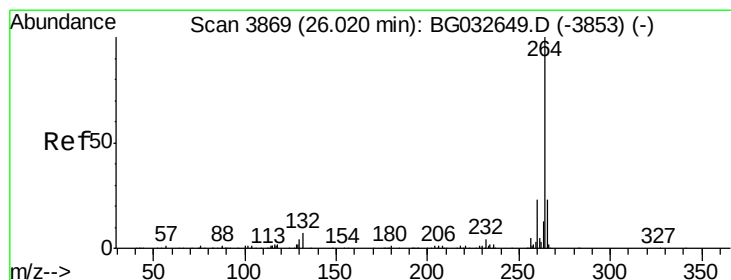
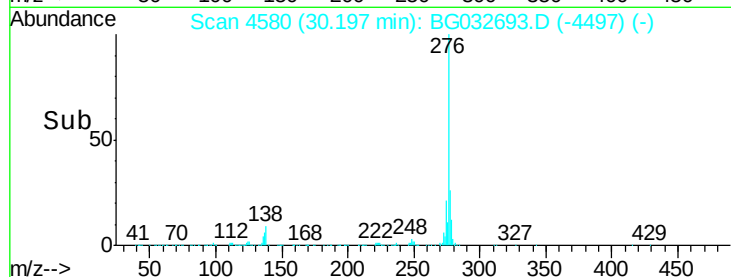
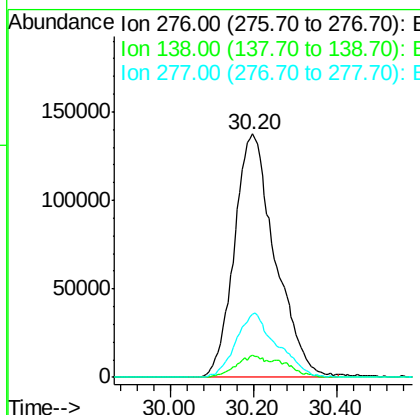
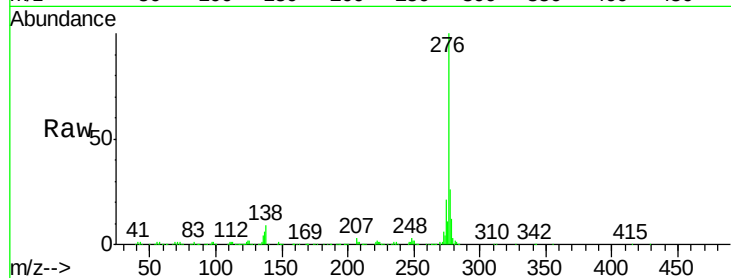




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.742 ng
 RT: 30.20 min Scan# 4580
 Delta R.T. -0.04 min
 Lab File: BG032693.D
 Acq: 14 Feb 2018 22:39

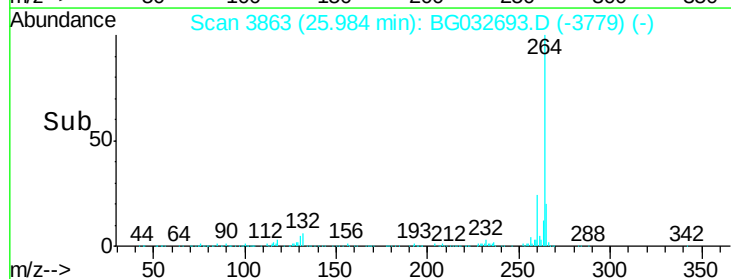
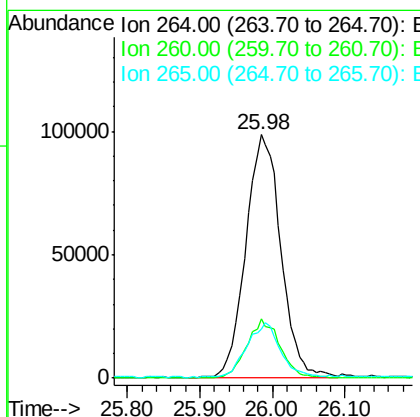
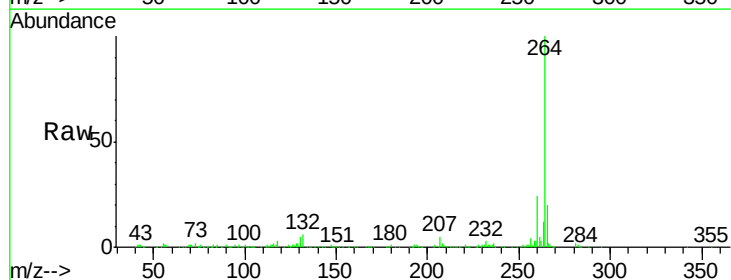
Instrument :
 BNA_G
 ClientSampleId :
 PB106539BSD

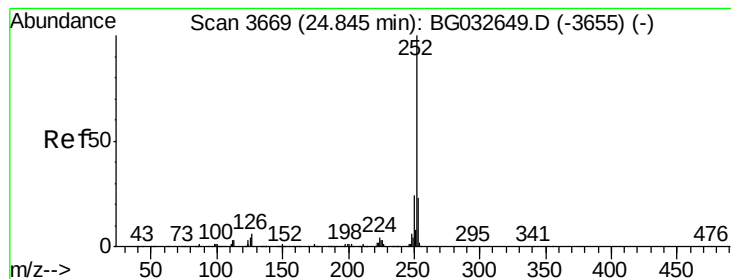
Tot Ion:276 Resp: 936216
 Ion Ratio Lower Upper
 276 100
 138 6.7 16.0 24.0#
 277 26.6 20.0 30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.98 min Scan# 3863
 Delta R.T. -0.04 min
 Lab File: BG032693.D
 Acq: 14 Feb 2018 22:39

Tgt Ion:264 Resp: 329541
 Ion Ratio Lower Upper
 264 100
 260 24.4 17.4 26.0
 265 20.1 17.7 26.5





#87

Benzo(b)fluoranthene

Concen: 41.325 ng

RT: 24.83 min Scan# 3666

Delta R.T. -0.02 min

Lab File: BG032693.D

Acq: 14 Feb 2018 22:39

Instrument :

BNA_G

ClientSampleId :

PB106539BSD

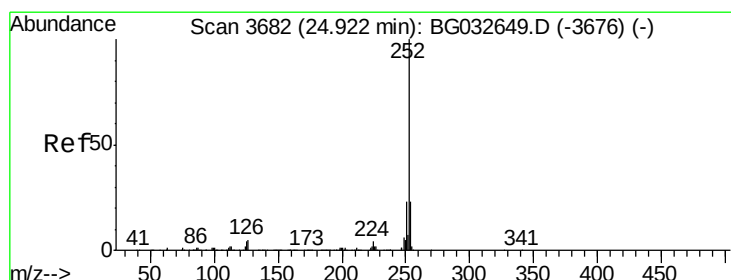
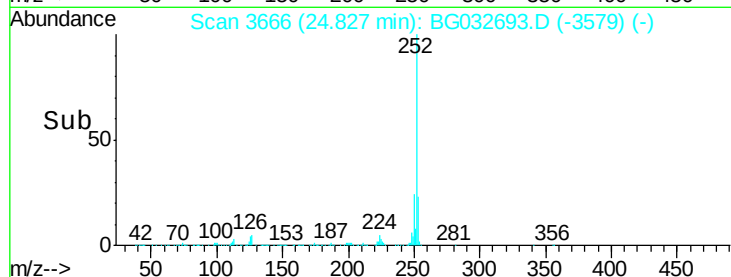
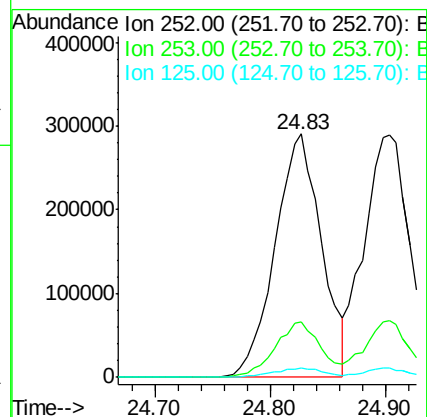
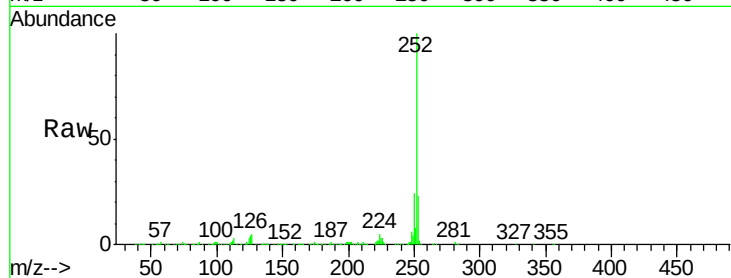
Tot Ion:252 Resp: 811573

Ion Ratio Lower Upper

252 100

253 22.9 18.2 27.4

125 4.1 7.2 10.8#



#88

Benzo(k)fluoranthene

Concen: 39.812 ng

RT: 24.90 min Scan# 3679

Delta R.T. -0.02 min

Lab File: BG032693.D

Acq: 14 Feb 2018 22:39

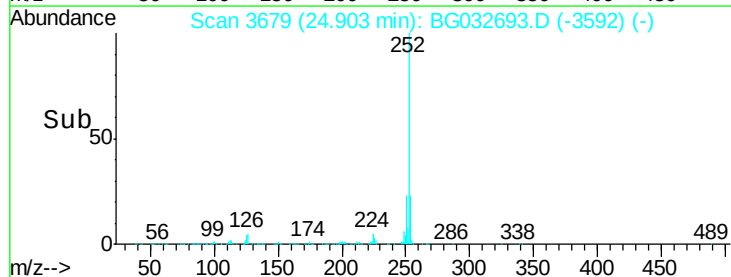
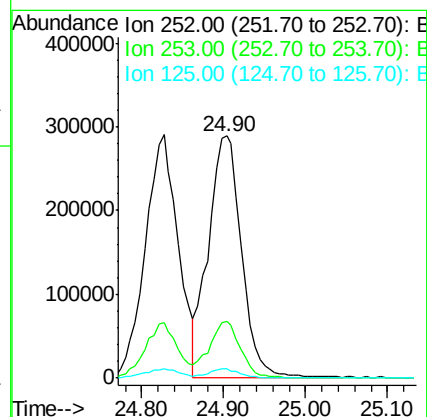
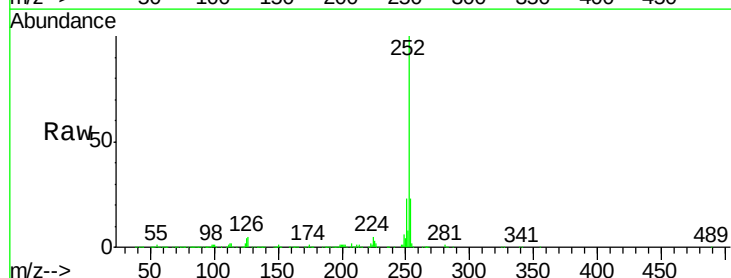
Tgt Ion:252 Resp: 809183

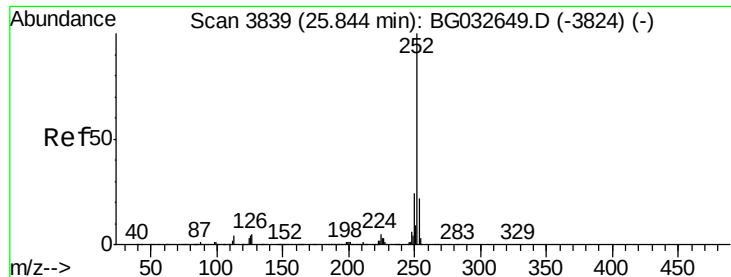
Ion Ratio Lower Upper

252 100

253 23.3 17.4 26.2

125 3.9 6.6 9.8#





#89

Benzo(a)pyrene

Concen: 40.410 ng

RT: 25.82 min Scan# 3835

Delta R.T. -0.02 min

Lab File: BG032693.D

Acq: 14 Feb 2018 22:39

Instrument :

BNA_G

ClientSampleId :

PB106539BSD

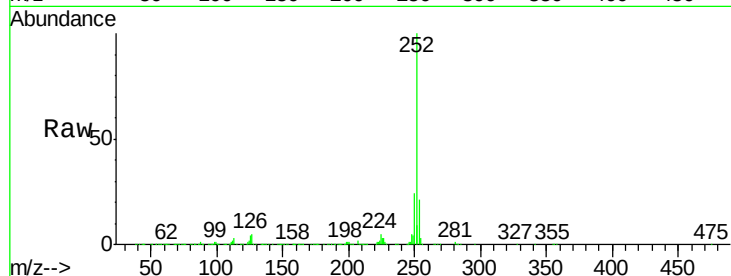
Tot Ion:252 Resp: 773147

Ion Ratio Lower Upper

252 100

253 21.5 18.3 27.5

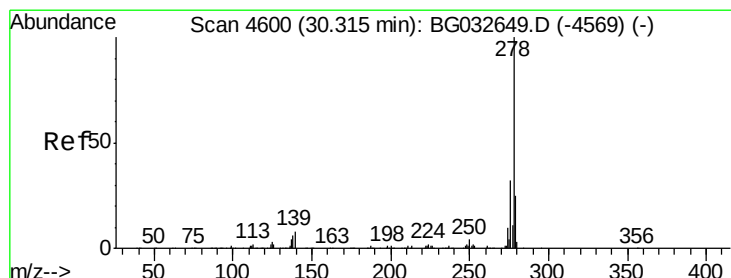
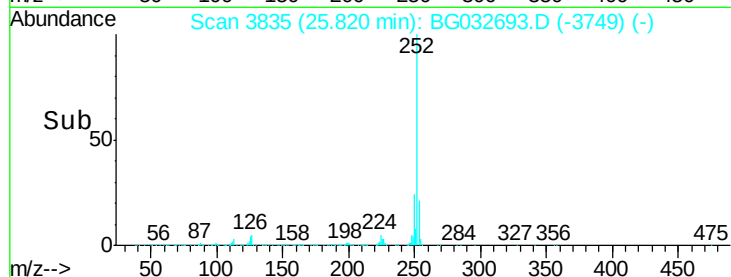
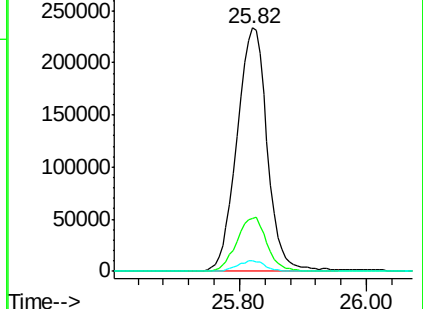
125 4.1 7.3 10.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 41.109 ng

RT: 30.26 min Scan# 4591

Delta R.T. -0.05 min

Lab File: BG032693.D

Acq: 14 Feb 2018 22:39

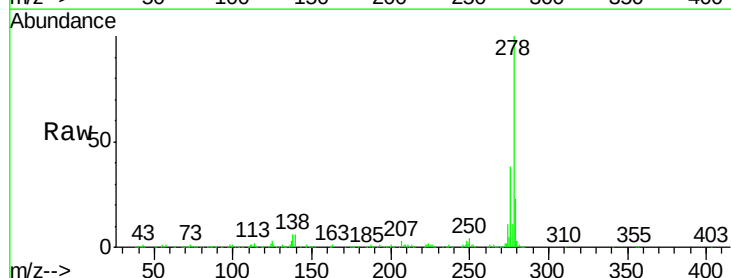
Tgt Ion:278 Resp: 783017

Ion Ratio Lower Upper

278 100

139 6.3 9.8 14.6#

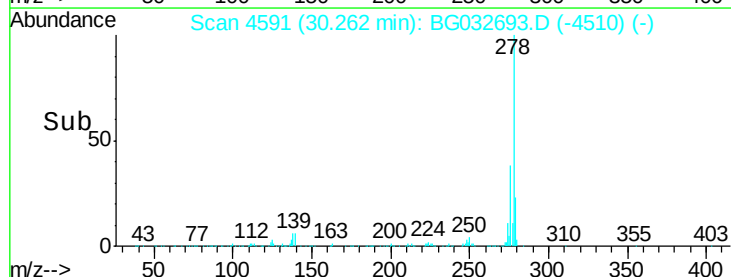
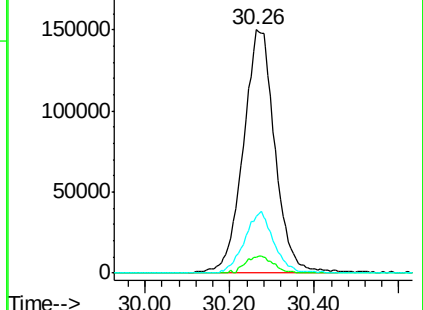
279 23.5 18.4 27.6

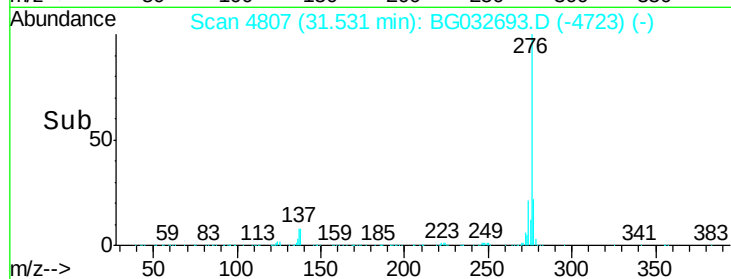
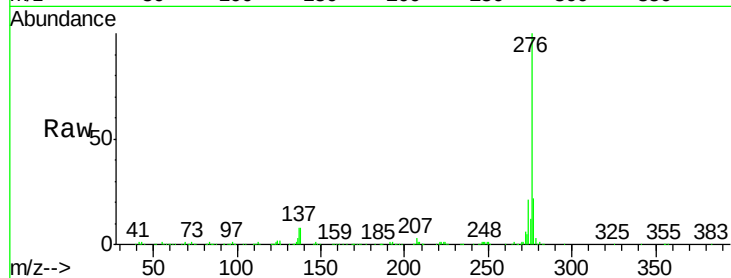
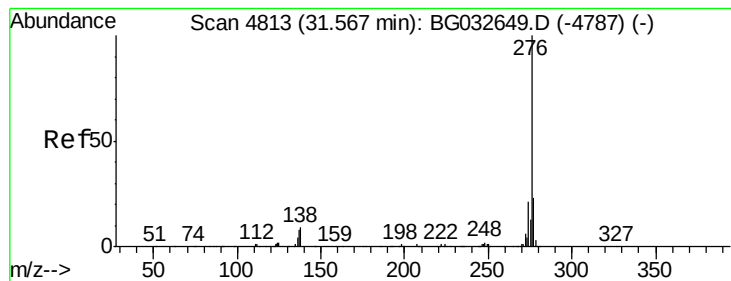


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 42.144 ng
 RT: 31.53 min Scan# 4807
 Delta R.T. -0.04 min
 Lab File: BG032693.D
 Acq: 14 Feb 2018 22:39

Instrument :
 BNA_G
 ClientSampleId :
 PB106539BSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.1	18.3	27.5
138	8.3	13.9	20.9

