

Data File : BG033401.D
Acq On : 29 Mar 2018 00:37
Operator : SJ/JU
Sample : PB107692BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB107692BS

Quant Time: Mar 29 06:33:25 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 28 18:34:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	40724	20.00	ng	-0.02
21) Naphthalene-d8	11.75	136	170158	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	123156	20.00	ng	0.00
63) Phenanthrene-d10	18.22	188	316900	20.00	ng	0.00
75) Chrysene-d12	22.56	240	331729	20.00	ng	0.00
86) Perylene-d12	26.34	264	366776	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	390645	179.87	ng	0.00
7) Phenol-d6	7.99	99	587737	157.50	ng	0.01
23) Nitrobenzene-d5	10.07	82	356701	96.31	ng	0.00
41) 2,4,6-Tribromophenol	16.97	330	278837	151.38	ng	0.00
44) 2-Fluorobiphenyl	14.12	172	856529	100.40	ng	0.00
78) Terphenyl-d14	20.74	244	1491965	96.18	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.92	88	43705	39.63	ng	84
3) Pyridine	4.39	79	126212	41.40	ng	93
4) n-Nitrosodimethylamine	4.29	42	65100	52.03	ng	# 83
6) Aniline	8.16	93	43493	9.91	ng	95
8) 2-Chlorophenol	8.42	128	135400	54.53	ng	99
9) Benzaldehyde	7.97	77	74243	31.31	ng	92
10) Phenol	8.02	94	195228	52.99	ng	93
11) bis(2-Chloroethyl)ether	8.25	93	132554	44.08	ng	95
12) 1,3-Dichlorobenzene	8.75	146	139810	43.07	ng	96
13) 1,4-Dichlorobenzene	8.90	146	141140	43.42	ng	96
14) 1,2-Dichlorobenzene	9.23	146	141289	44.53	ng	96
15) Benzyl Alcohol	9.10	79	153094	52.11	ng	93
16) 2,2'-oxybis(1-Chloropropan	9.39	45	213793	43.61	ng	88
17) 2-Methylphenol	9.31	107	123466	49.19	ng	# 88
18) Hexachloroethane	9.99	117	57724	46.01	ng	93
19) n-Nitroso-di-n-propylamine	9.67	70	118299	43.26	ng	99
20) 3+4-Methylphenols	9.65	107	179299	50.17	ng	93
22) Acetophenone	9.71	105	215443	46.22	ng	# 99
24) Nitrobenzene	10.11	77	184926	46.65	ng	93
25) Isophorone	10.63	82	341265	47.48	ng	97
26) 2-Nitrophenol	10.84	139	79878	53.22	ng	# 94
27) 2,4-Dimethylphenol	10.88	122	137597	63.11	ng	88
28) bis(2-Chloroethoxy)methane	11.11	93	182372	50.85	ng	100
29) 2,4-Dichlorophenol	11.38	162	156139	58.23	ng	98
30) 1,2,4-Trichlorobenzene	11.61	180	161155	46.26	ng	93
31) Naphthalene	11.80	128	425127	48.21	ng	99
32) Benzoic acid	10.88	122	137597	67.89	ng	# 14
33) 4-Chloroaniline	11.91	127	34535	8.74	ng	# 93
34) Hexachlorobutadiene	12.06	225	119153	45.23	ng	94
35) Caprolactam	12.67	113	50767	48.33	ng	# 86
36) 4-Chloro-3-methylphenol	12.98	107	188186	53.81	ng	94
37) 2-Methylnaphthalene	13.35	142	317754	46.43	ng	93
39) 1,2,4,5-Tetrachlorobenzene	13.71	216	211482	47.41	ng	99
40) Hexachlorocyclopentadiene	13.68	237	230082	87.98	ng	94

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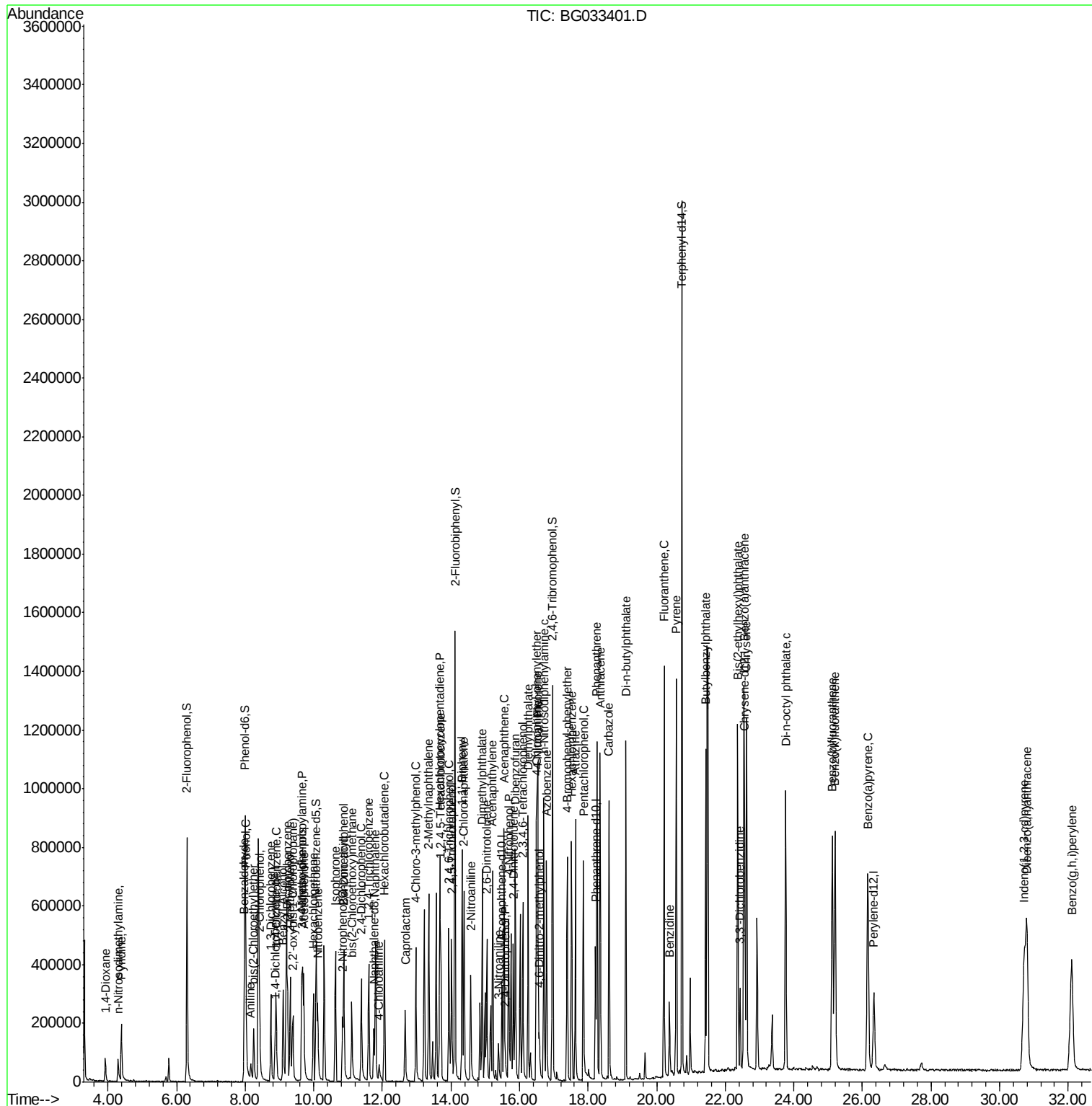
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.94	196	145866	56.28	ng	98
43) 2,4,5-Trichlorophenol	14.02	196	166122	54.22	ng	99
45) 1,1'-Biphenyl	14.33	154	442718	46.79	ng	95
46) 2-Chloronaphthalene	14.38	162	340497	46.67	ng	95
47) 2-Nitroaniline	14.57	65	138203	50.58	ng	94
48) Acenaphthylene	15.21	152	557146	45.75	ng	96
49) Dimethylphthalate	14.91	163	501041	46.75	ng	98
50) 2,6-Dinitrotoluene	15.04	165	106243	48.48	ng	95
51) Acenaphthene	15.55	154	350454	44.64	ng	95
52) 3-Nitroaniline	15.38	138	40257	17.52	ng	# 91
53) 2,4-Dinitrophenol	15.58	184	22730	25.76	ng	89
54) Dibenzofuran	15.88	168	559376	48.24	ng	91
55) 4-Nitrophenol	15.68	139	154872	95.86	ng	# 85
56) 2,4-Dinitrotoluene	15.83	165	156268	48.43	ng	88
57) Fluorene	16.52	166	464831	47.05	ng	99
58) 2,3,4,6-Tetrachlorophenol	16.10	232	150737	52.26	ng	95
59) Diethylphthalate	16.25	149	490583	47.14	ng	97
60) 4-Chlorophenyl-phenylether	16.50	204	266050	46.85	ng	95
61) 4-Nitroaniline	16.54	138	97441	41.88	ng	90
62) Azobenzene	16.79	77	470305	46.65	ng	99
64) 4,6-Dinitro-2-methylphenol	16.58	198	35772	18.87	ng	91
65) n-Nitrosodiphenylamine	16.71	169	434805	48.06	ng	97
66) 4-Bromophenyl-phenylether	17.39	248	183228	49.23	ng	96
67) Hexachlorobenzene	17.52	284	184176	46.89	ng	95
68) Atrazine	17.63	200	179147	48.87	ng	97
69) Pentachlorophenol	17.86	266	173056	64.19	ng	99
70) Phenanthrene	18.26	178	781192	47.33	ng	98
71) Anthracene	18.35	178	803294	48.07	ng	99
72) Carbazole	18.61	167	686420	46.35	ng	97
73) Di-n-butylphthalate	19.10	149	825134	47.87	ng	# 98
74) Fluoranthene	20.21	202	974032	47.69	ng	97
76) Benzidine	20.37	184	164265	18.26	ng	98
77) Pyrene	20.57	202	961183	43.44	ng	98
79) Butylbenzylphthalate	21.42	149	376356	46.10	ng	97
80) Benzo(a)anthracene	22.55	228	982004	46.49	ng	99
81) 3,3'-Dichlorobenzidine	22.43	252	124376	16.55	ng	# 96
82) Chrysene	22.62	228	937013	45.83	ng	97
83) Bis(2-ethylhexyl)phthalate	22.37	149	529919	47.08	ng	97
84) Di-n-octyl phthalate	23.76	149	925272	53.69	ng	97
85) Indeno(1,2,3-cd)pyrene	30.71	276	1135816	51.38	ng	# 88
87) Benzo(b)fluoranthene	25.12	252	984468	46.46	ng	# 97
88) Benzo(k)fluoranthene	25.20	252	987720	46.09	ng	# 97
89) Benzo(a)pyrene	26.15	252	979117	48.11	ng	# 97
90) Dibenzo(a,h)anthracene	30.79	278	943371	49.21	ng	96
91) Benzo(g,h,i)perylene	32.10	276	928306	48.91	ng	# 95

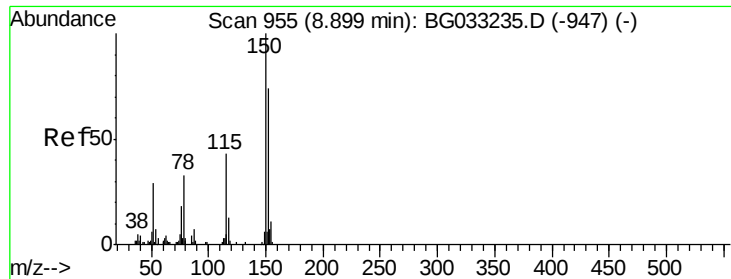
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.86 min Scan# 949

Delta R.T. -0.02 min

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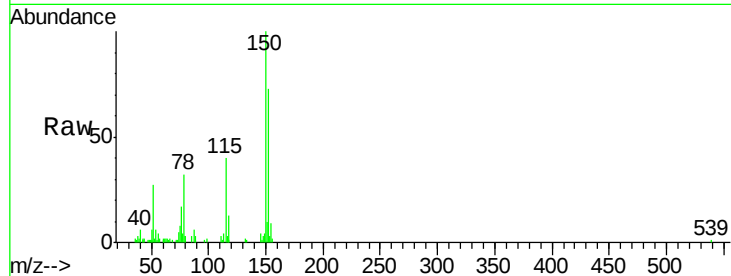
Tgt Ion:152 Resp: 40724

Ion Ratio Lower Upper

152 100

150 137.6 126.6 189.8

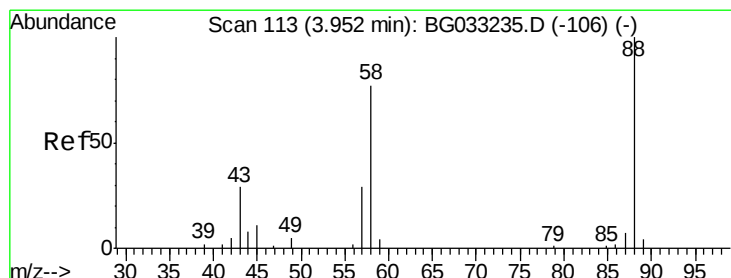
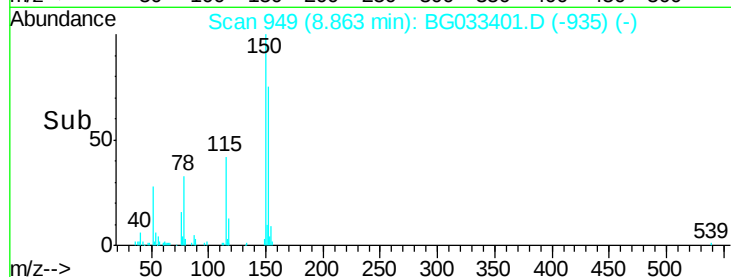
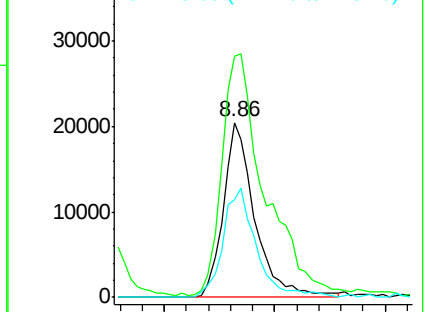
115 55.5 53.0 79.4



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: 39.63 ng

RT: 3.92 min Scan# 108

Delta R.T. -0.01 min

Lab File: BG033401.D

Acq: 29 Mar 2018 00:37

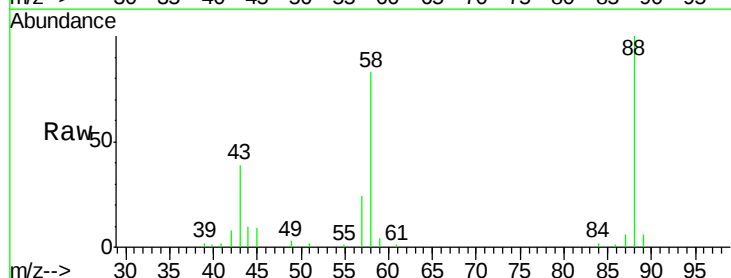
Tgt Ion: 88 Resp: 43705

Ion Ratio Lower Upper

88 100

58 82.0 79.6 119.4

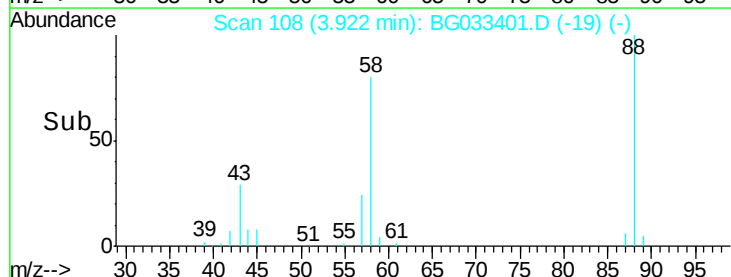
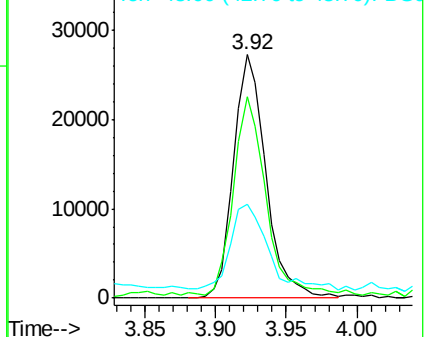
43 40.4 27.4 41.0



Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 41.40 ng

RT: 4.39 min Scan# 187

Delta R.T. -0.01 min

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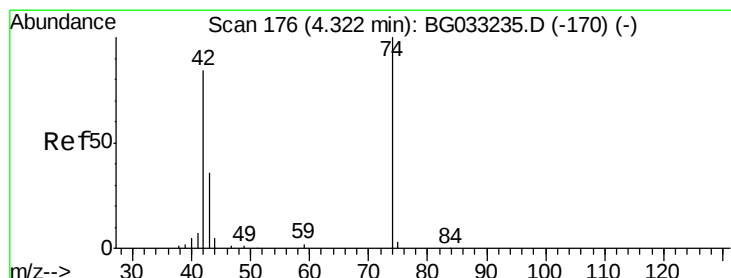
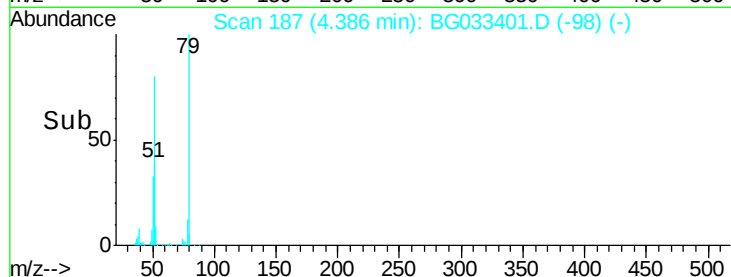
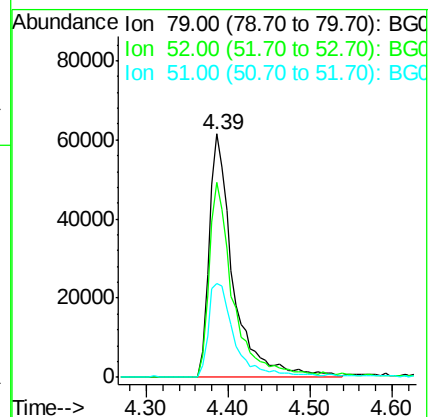
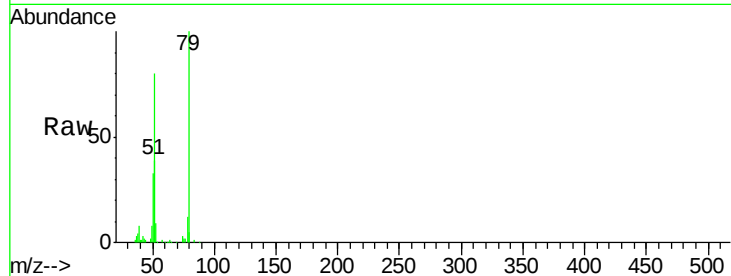
Tgt Ion: 79 Resp: 126212

Ion Ratio Lower Upper

79 100

52 80.0 69.9 104.9

51 38.7 34.0 51.0



#4

n-Nitrosodimethylamine

Concen: 52.03 ng

RT: 4.29 min Scan# 171

Delta R.T. -0.02 min

Lab File: BG033401.D

Acq: 29 Mar 2018 00:37

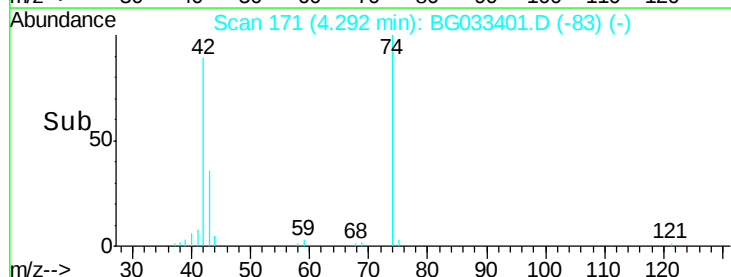
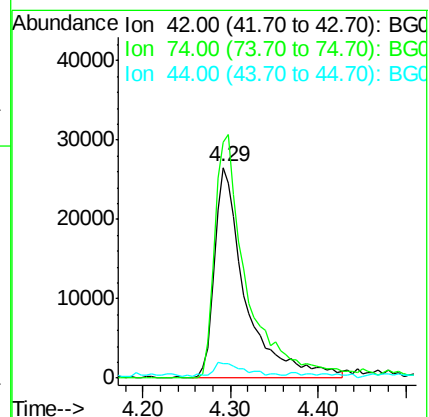
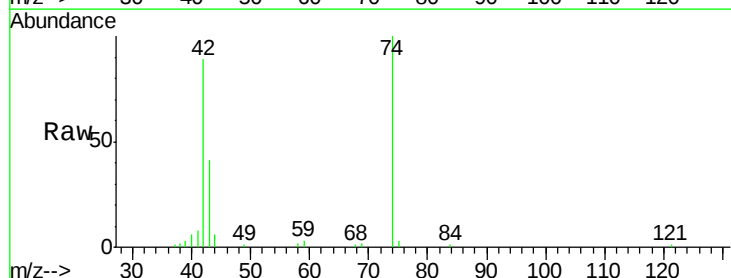
Tgt Ion: 42 Resp: 65100

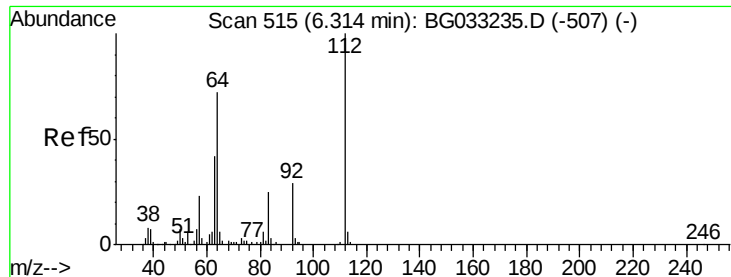
Ion Ratio Lower Upper

42 100

74 112.4 102.5 153.7

44 7.0 18.9 28.3#





#5

2-Fluorophenol

Concen: 179.87 ng

RT: 6.30 min Scan# 513

Delta R.T. 0.01 min

Lab File: BG033401.D

Acq: 29 Mar 2018 00:37

Instrument :

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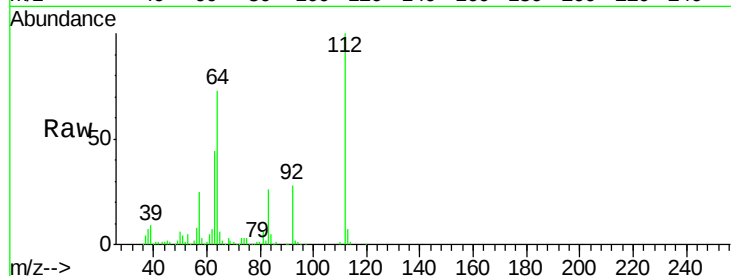
Tgt Ion:112 Resp: 390645

Ion Ratio Lower Upper

112 100

64 73.3 56.3 84.5

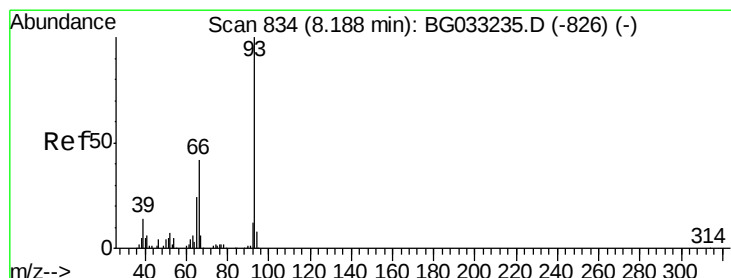
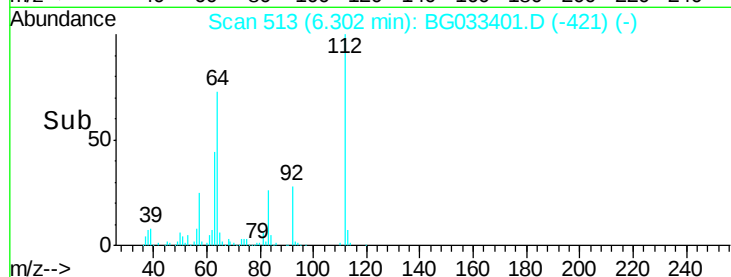
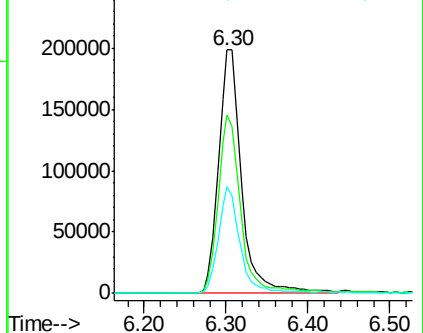
63 43.7 30.1 45.1



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: 9.91 ng

RT: 8.16 min Scan# 829

Delta R.T. -0.01 min

Lab File: BG033401.D

Acq: 29 Mar 2018 00:37

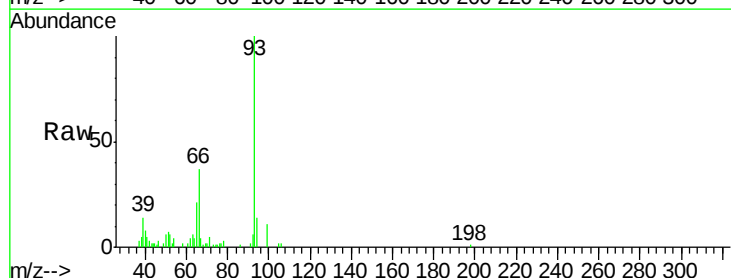
Tgt Ion: 93 Resp: 43493

Ion Ratio Lower Upper

93 100

66 37.5 33.7 50.5

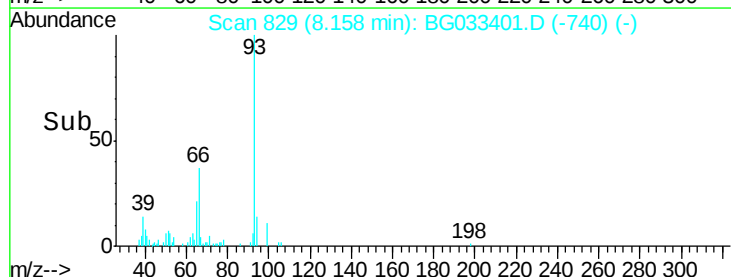
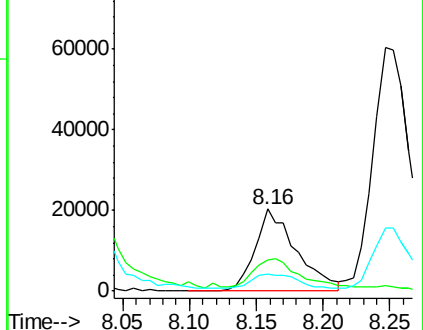
65 20.7 16.1 24.1

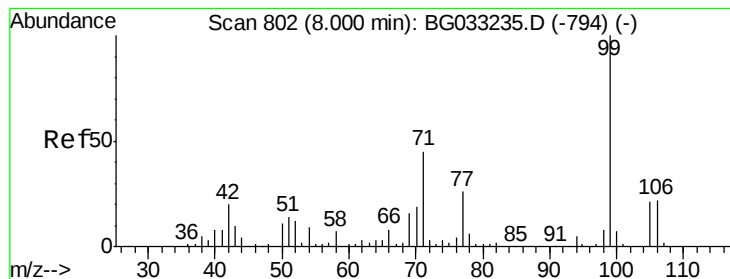


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 157.50 ng

RT: 7.99 min Scan# 801

Delta R.T. 0.01 min

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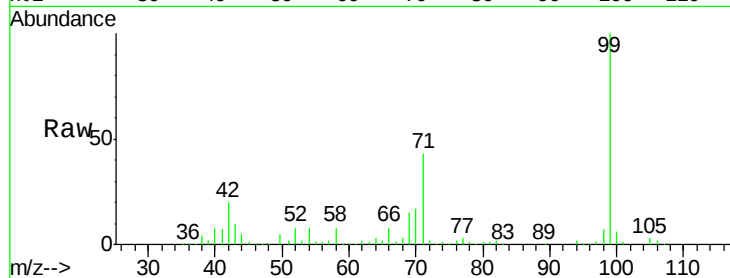
Tgt Ion: 99 Resp: 587737

Ion Ratio Lower Upper

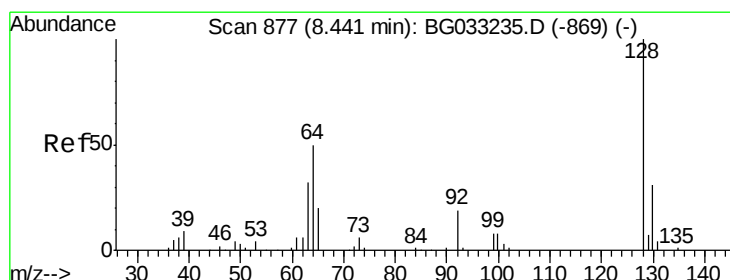
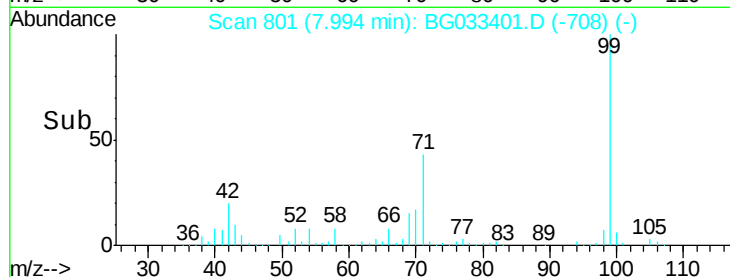
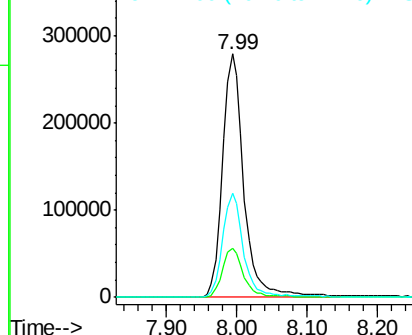
99 100

42 20.0 14.1 21.1

71 42.7 26.1 39.1#



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



#8

2-Chlorophenol

Concen: 54.53 ng

RT: 8.42 min Scan# 874

Delta R.T. 0.00 min

Lab File: BG033401.D

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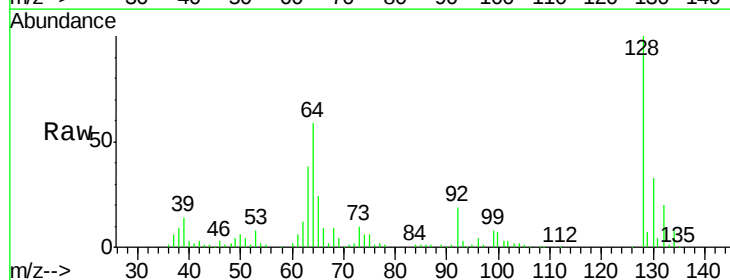
Tgt Ion: 128 Resp: 135400

Ion Ratio Lower Upper

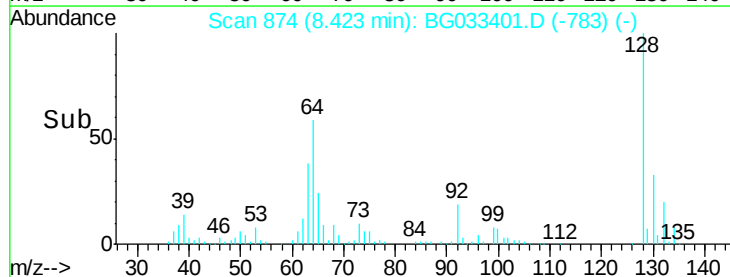
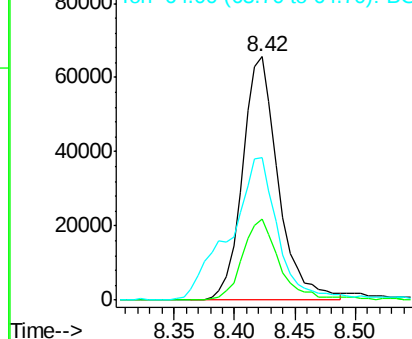
128 100

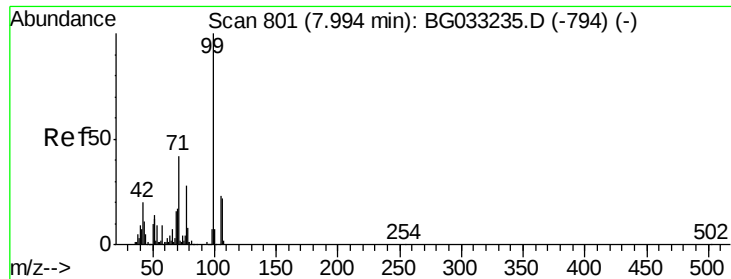
130 33.4 14.0 54.0

64 58.5 37.7 77.7



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





#9

Benzaldehyde

Concen: 31.31 ng

RT: 7.97 min Scan# 797

Delta R.T. -0.01 min

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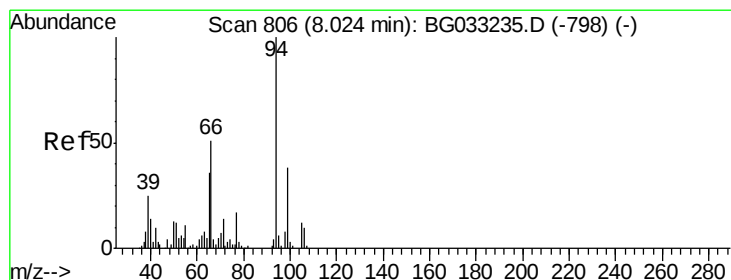
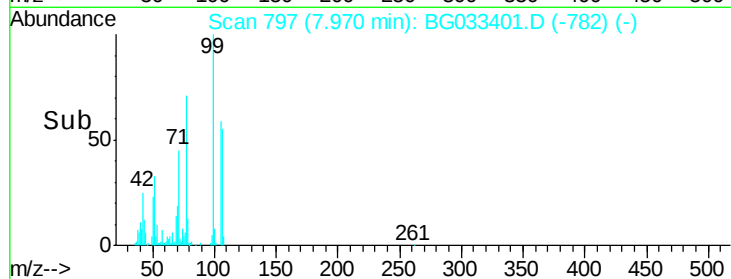
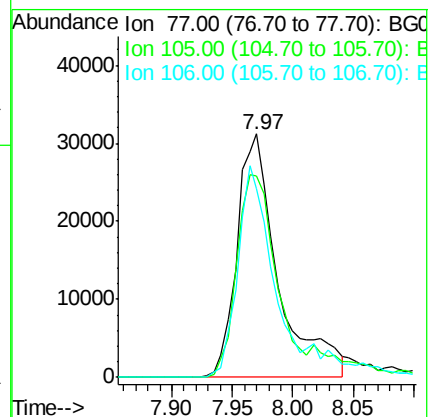
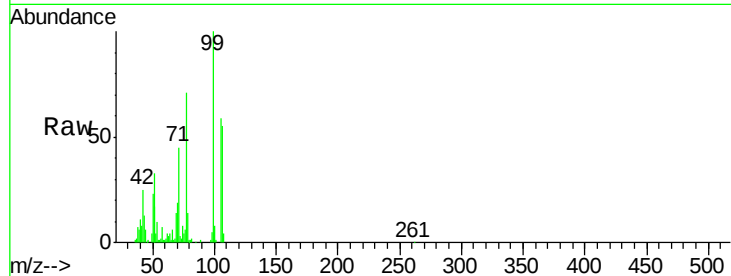
Tgt Ion: 77 Resp: 74243

Ion Ratio Lower Upper

77 100

105 82.5 71.3 111.3

106 77.3 64.2 104.2



#10

Phenol

Concen: 52.99 ng

RT: 8.02 min Scan# 805

Delta R.T. 0.01 min

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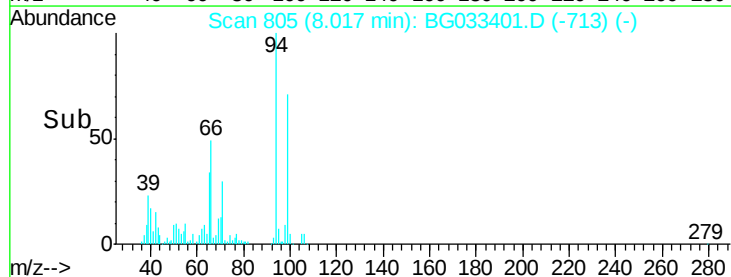
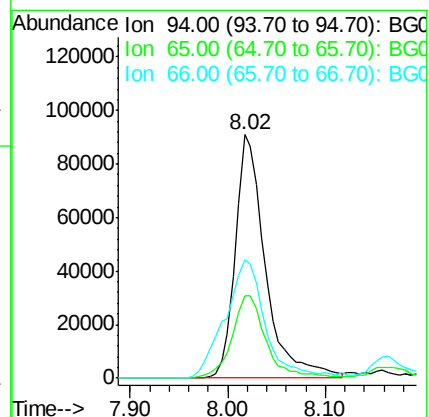
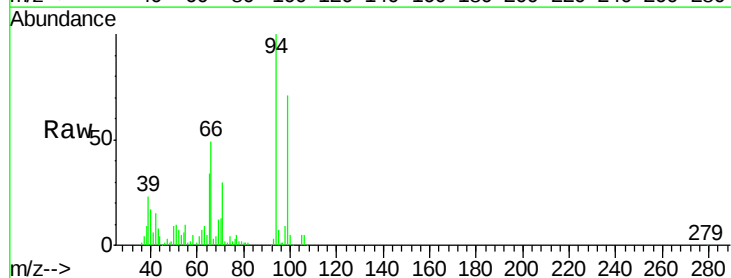
Tgt Ion: 94 Resp: 195228

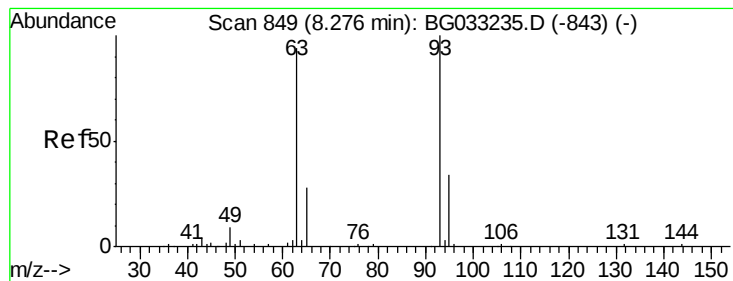
Ion Ratio Lower Upper

94 100

65 33.9 11.9 51.9

66 48.7 22.2 62.2





#11

bis(2-Chloroethyl)ether

Concen: 44.08 ng

RT: 8.25 min Scan# 844

Delta R.T. -0.01 min

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ClientSampleId :

PB107692BS

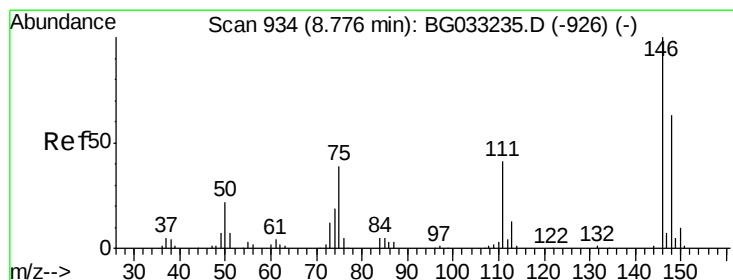
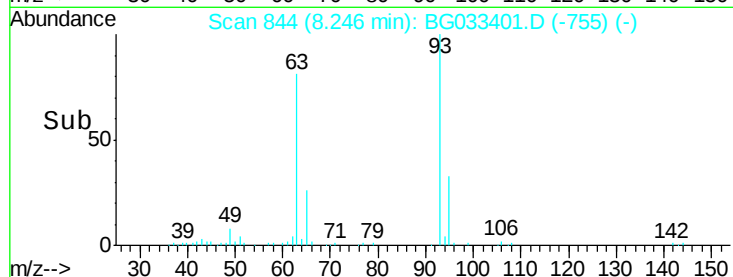
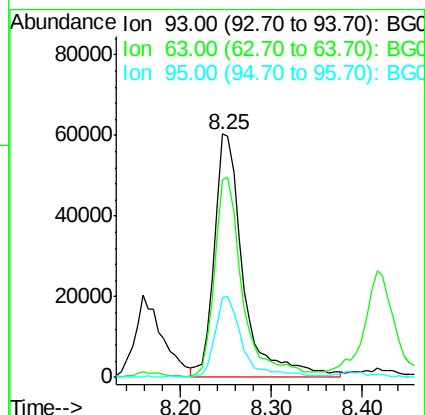
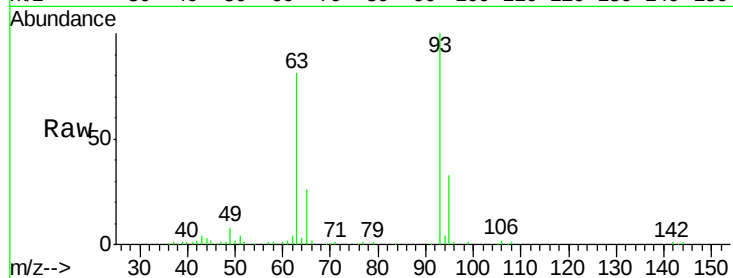
Tgt Ion: 93 Resp: 132554

Ion Ratio Lower Upper

93 100

63 81.0 67.1 107.1

95 32.9 11.5 51.5



#12

1,3-Dichlorobenzene

Concen: 43.07 ng

RT: 8.75 min Scan# 930

Delta R.T. -0.00 min

Lab File: BG033401.D

Acq: 29 Mar 2018 00:37

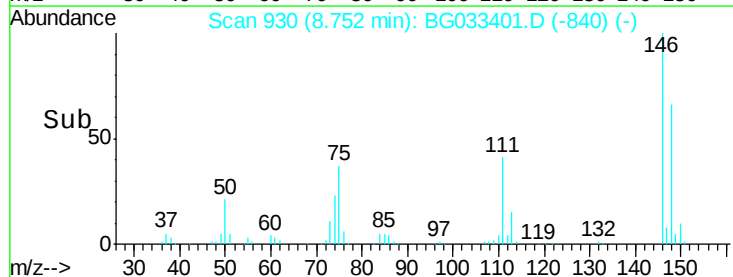
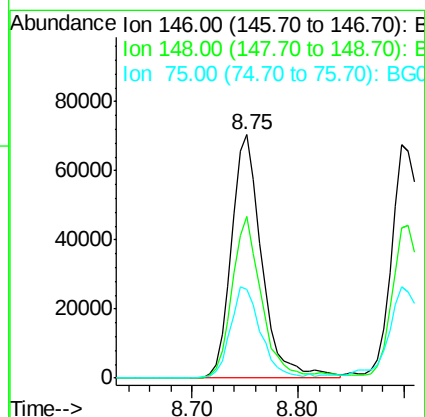
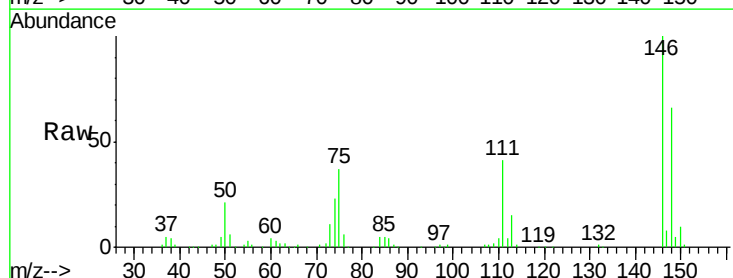
Tgt Ion: 146 Resp: 139810

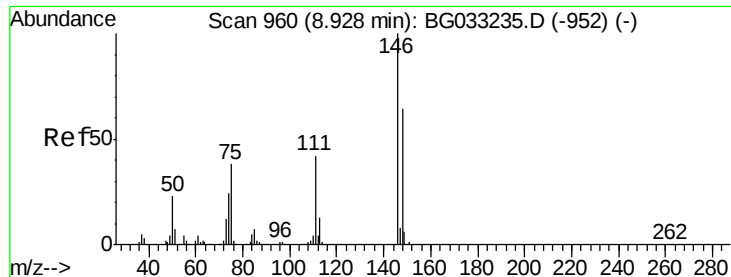
Ion Ratio Lower Upper

146 100

148 66.5 51.4 77.2

75 36.6 26.6 39.8





#13

1,4-Dichlorobenzene

Concen: 43.42 ng

RT: 8.90 min Scan# 955

Delta R.T. -0.02 min

Lab File: BG033401.D

Acq: 29 Mar 2018 00:37

Instrument :

BNA_G

ClientSampleId :

PB107692BS

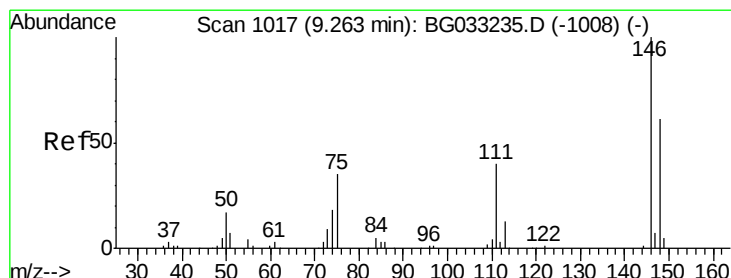
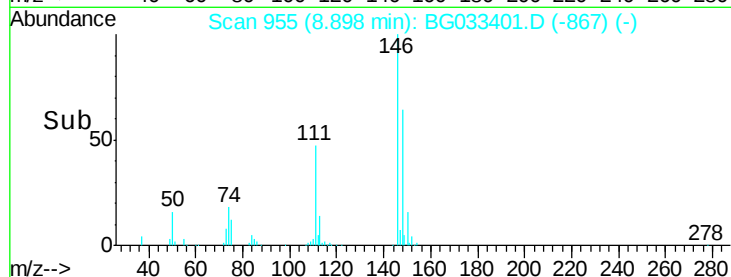
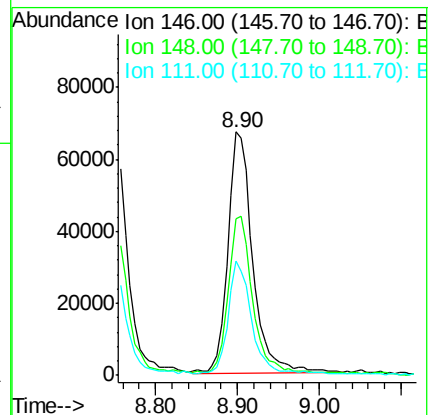
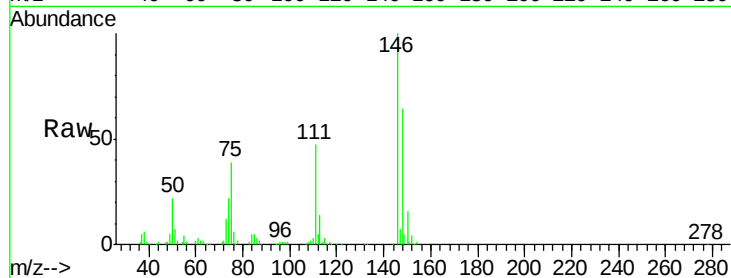
Tgt Ion:146 Resp: 141140

Ion Ratio Lower Upper

146 100

148 64.5 53.7 80.5

111 47.0 35.2 52.8



#14

1,2-Dichlorobenzene

Concen: 44.53 ng

RT: 9.23 min Scan# 1012

Delta R.T. -0.00 min

Lab File: BG033401.D

Acq: 29 Mar 2018 00:37

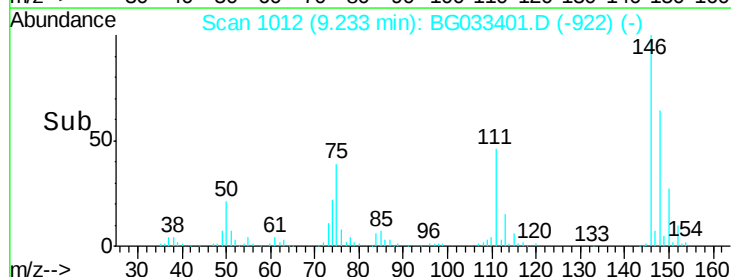
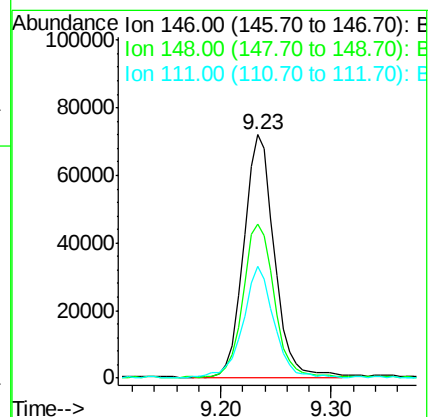
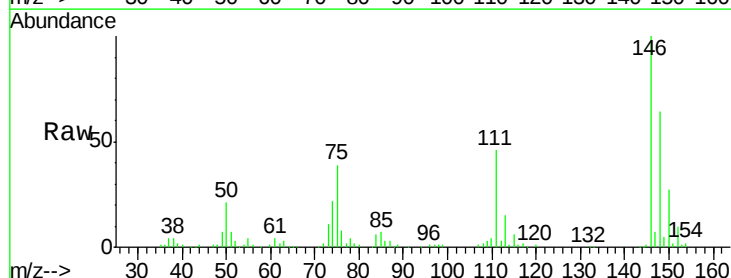
Tgt Ion:146 Resp: 141289

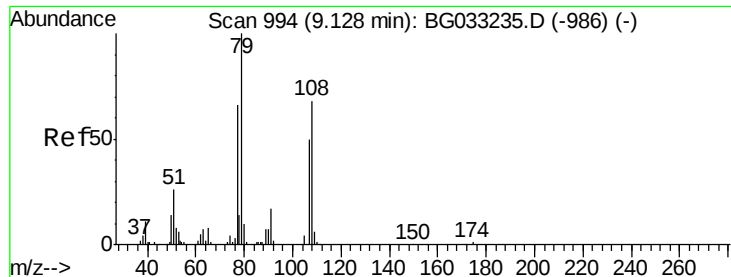
Ion Ratio Lower Upper

146 100

148 63.5 49.3 73.9

111 46.1 34.3 51.5





#15

Benzyl Alcohol

Concen: 52.11 ng

RT: 9.10 min Scan# 990

Delta R.T. -0.00 min

Lab File: BG033401.D

Acq: 29 Mar 2018 00:37

Instrument :

BNA_G

ClientSampleId :

PB107692BS

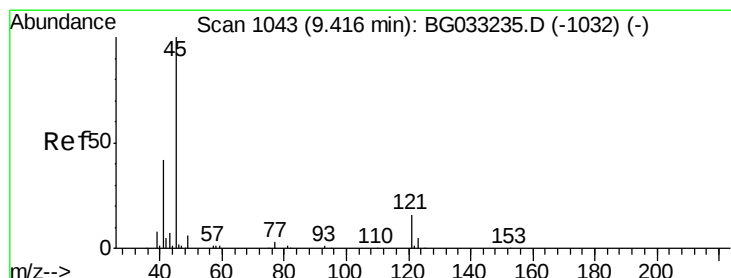
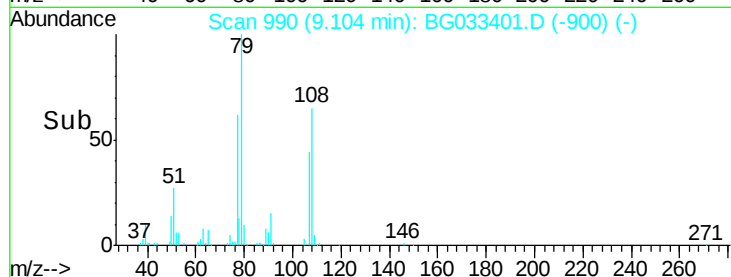
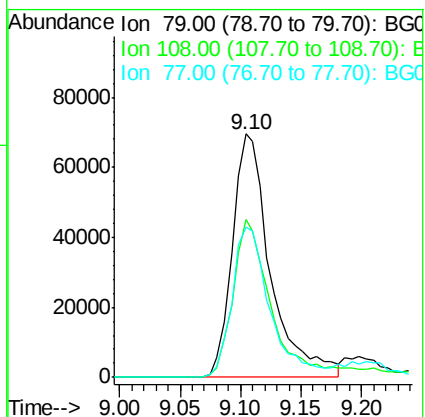
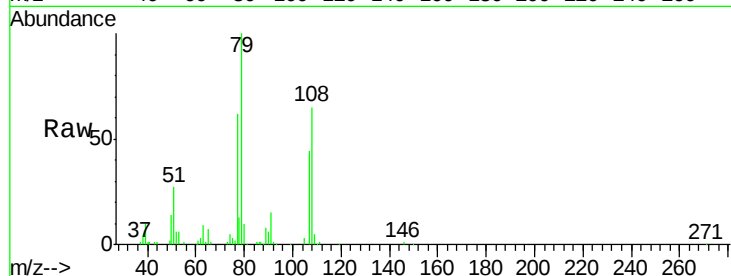
Tgt Ion: 79 Resp: 153094

Ion Ratio Lower Upper

79 100

108 65.0 57.2 85.8

77 61.9 46.1 69.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.61 ng

RT: 9.39 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BG033401.D

Acq: 29 Mar 2018 00:37

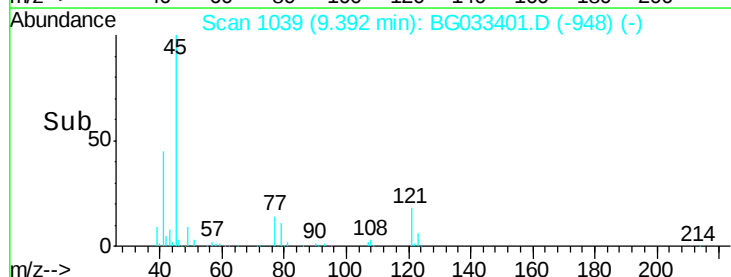
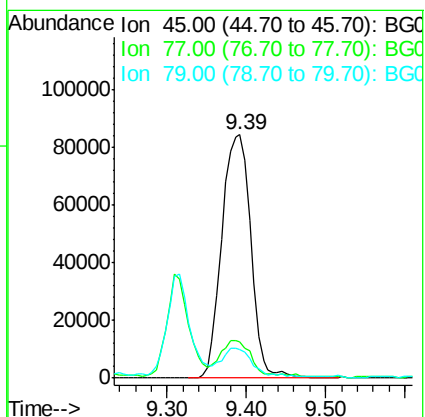
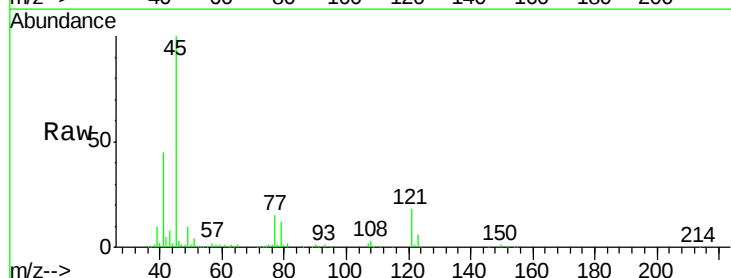
Tgt Ion: 45 Resp: 213793

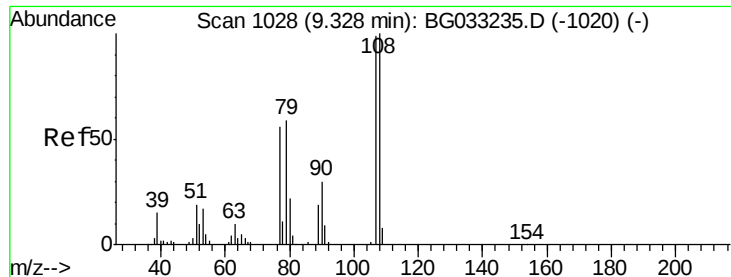
Ion Ratio Lower Upper

45 100

77 15.1 0.0 30.2

79 11.9 0.0 27.9

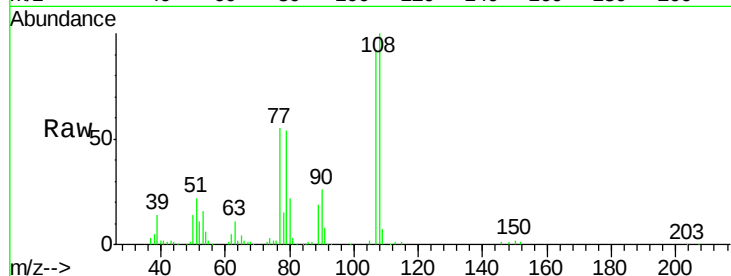




#17
2-Methylphenol
Concen: 49.19 ng
RT: 9.31 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BG033401.D
Acq: 29 Mar 2018 00:37

Instrument :
BNA_G
ClientSampleId :
PB107692BS

Tgt Ion	Ratio	Lower	Upper
107	100		
108	108.5	83.9	125.9
77	60.2	37.2	55.8#
79	59.0	36.2	54.2#



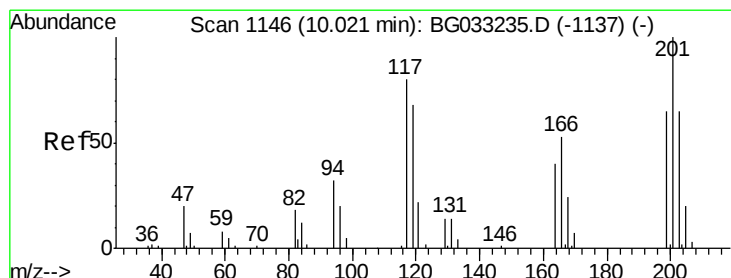
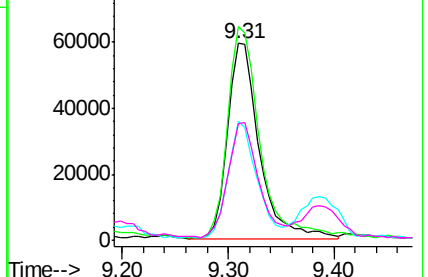
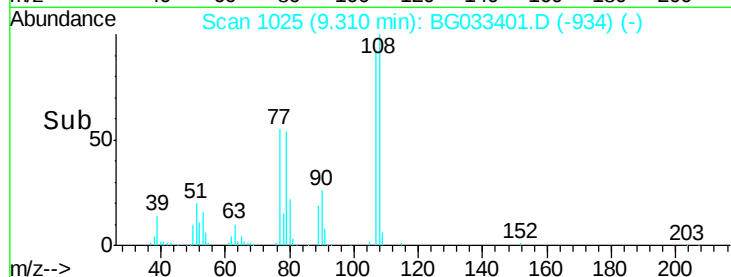
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

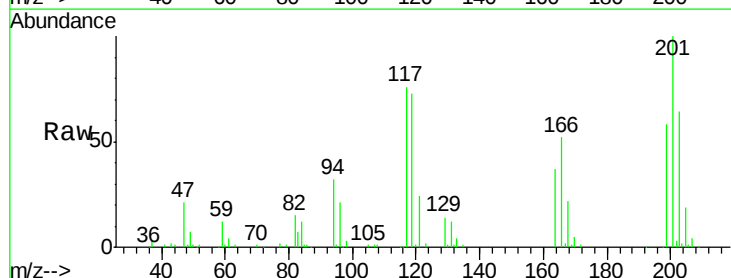
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 46.01 ng
RT: 9.99 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BG033401.D
Acq: 29 Mar 2018 00:37

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.8	76.7	115.1
201	132.1	95.7	143.5

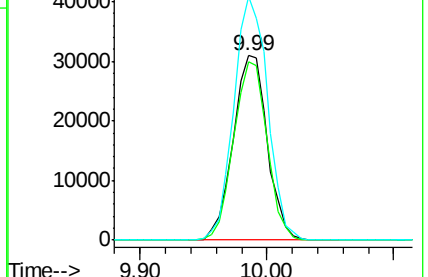
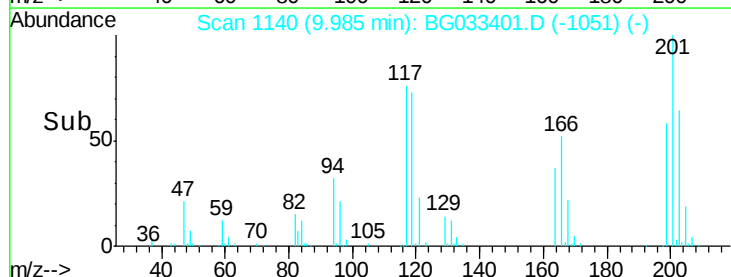


Abundance

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

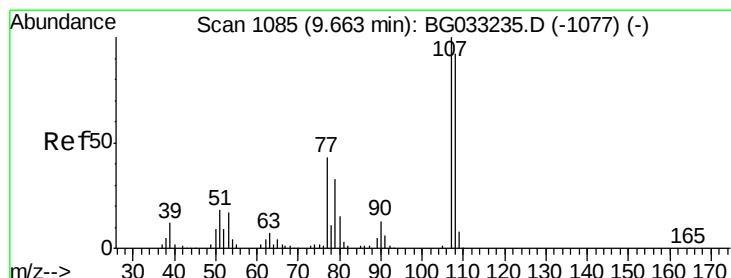
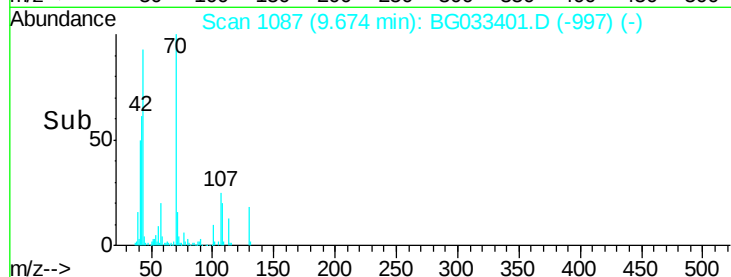
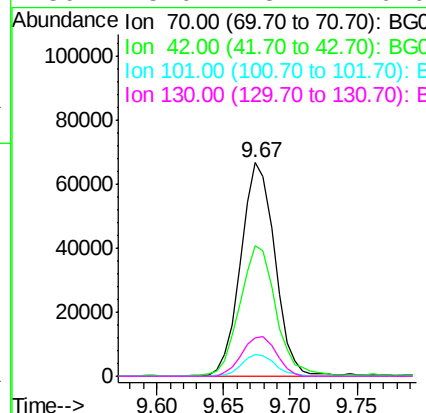
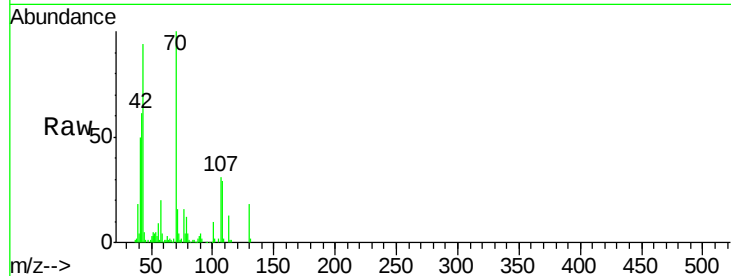




#19
n-Nitroso-di-n-propylamine
Concen: 43.26 ng
RT: 9.67 min Scan# 1087
Delta R.T. -0.00 min
Lab File: BG033401.D
Acq: 29 Mar 2018 00:37

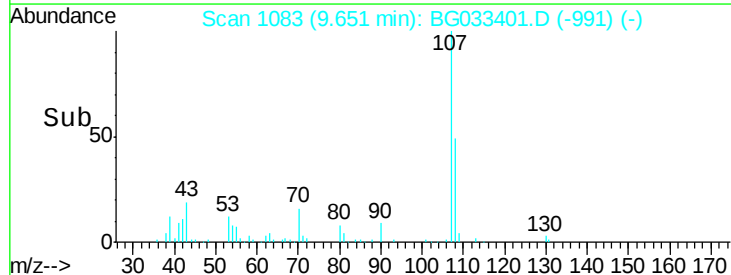
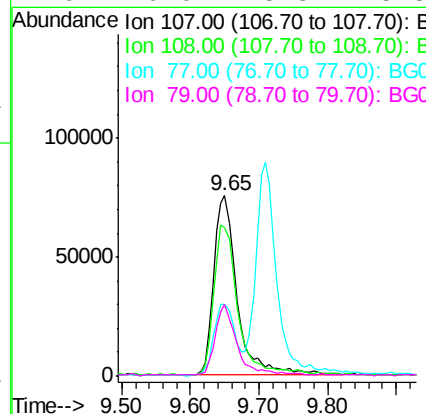
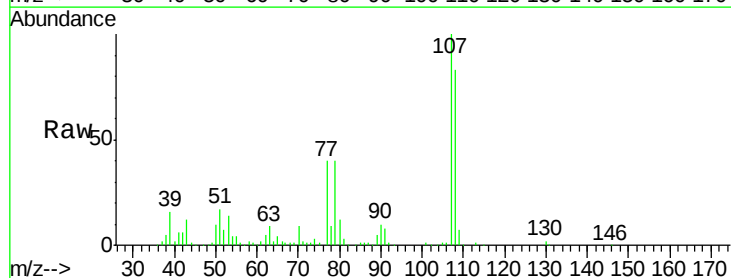
Instrument :
BNA_G
ClientSampleId :
PB107692BS

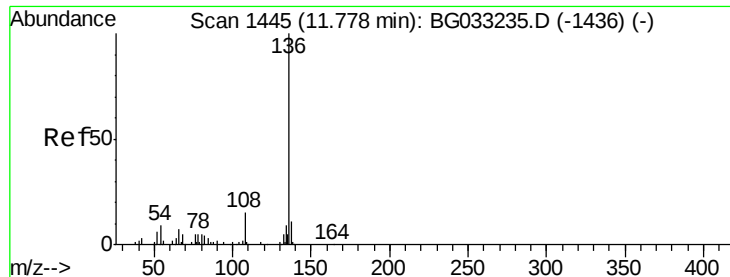
Tgt Ion:	70	Resp:	118299
Ion	Ratio	Lower	Upper
70	100		
42	61.2	49.1	73.7
101	10.0	8.5	12.7
130	18.0	13.4	20.0



#20
3+4-Methylphenols
Concen: 50.17 ng
RT: 9.65 min Scan# 1083
Delta R.T. 0.01 min
Lab File: BG033401.D
Acq: 29 Mar 2018 00:37

Tgt Ion:	107	Resp:	179299
Ion	Ratio	Lower	Upper
107	100		
108	82.7	61.6	101.6
77	39.5	13.9	53.9
79	40.0	8.8	48.8

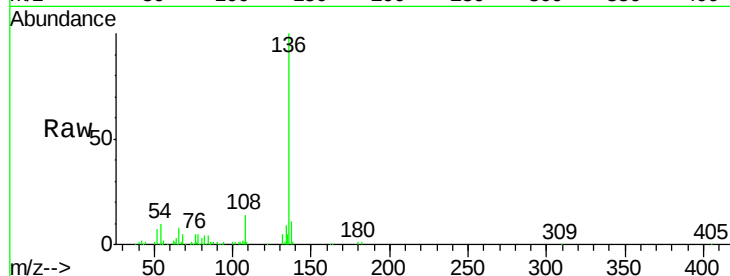




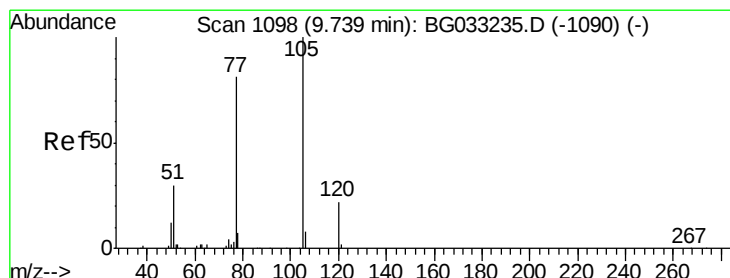
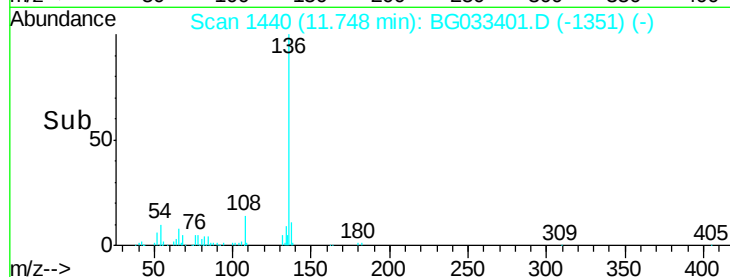
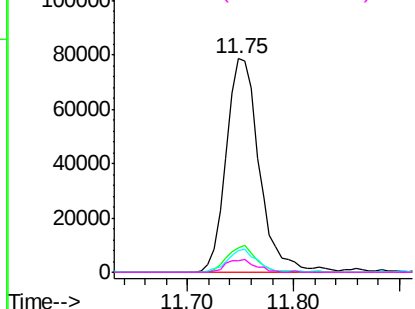
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.75 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BG033401.D
Acq: 29 Mar 2018 00:37

Instrument :
BNA_G
ClientSampleId :
PB107692BS

Tgt Ion:	136	Resp:	170158
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	10.1	10.3	15.5#
68	5.5	4.5	6.7

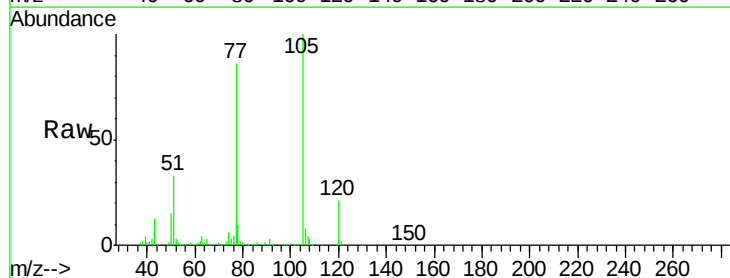


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

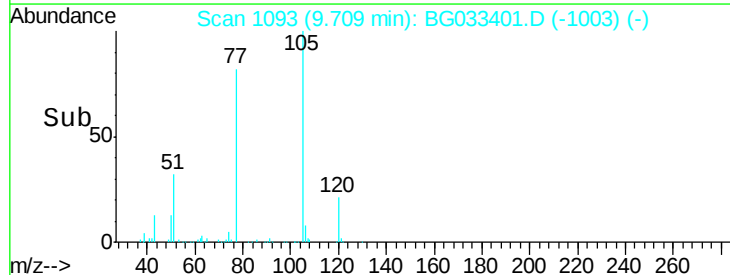
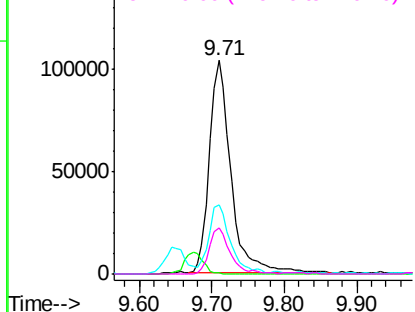


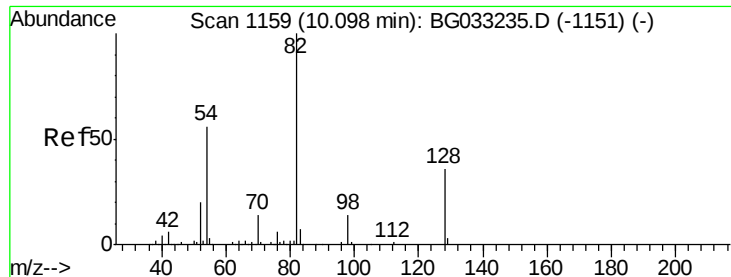
#22
Acetophenone
Concen: 46.22 ng
RT: 9.71 min Scan# 1093
Delta R.T. -0.00 min
Lab File: BG033401.D
Acq: 29 Mar 2018 00:37

Tgt Ion:	105	Resp:	215443
Ion	Ratio	Lower	Upper
105	100		
71	0.4	3.0	4.4#
51	32.6	26.1	39.1
120	21.3	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

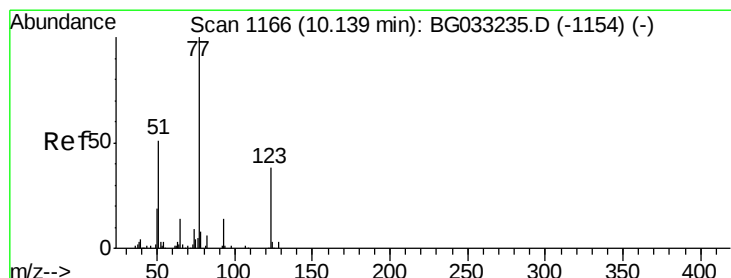
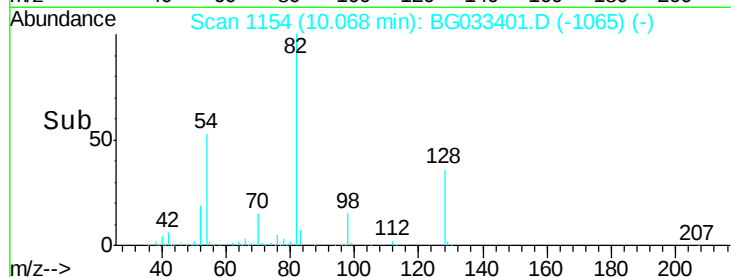
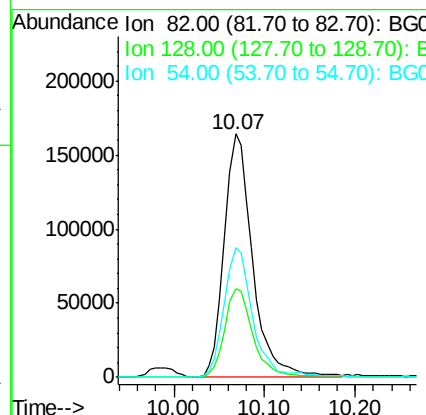
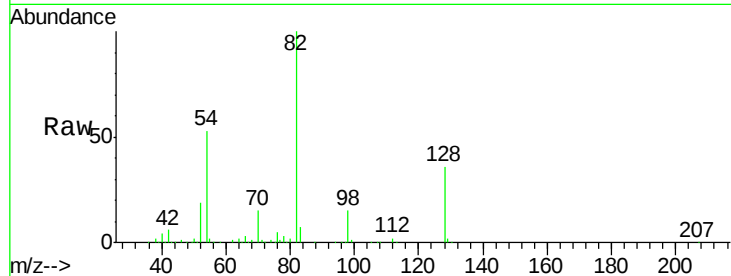




#23
 Nitrobenzene-d5
 Concen: 96.31 ng
 RT: 10.07 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BG033401.D
 Acq: 29 Mar 2018 00:37

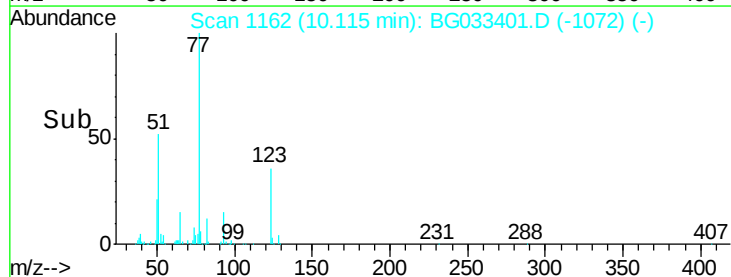
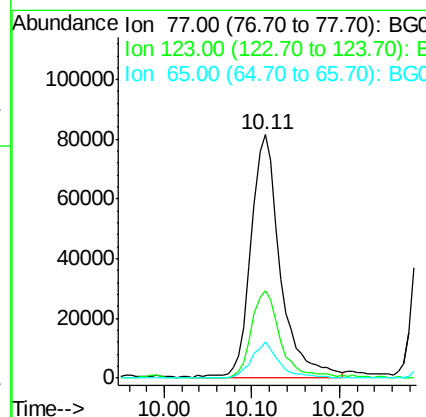
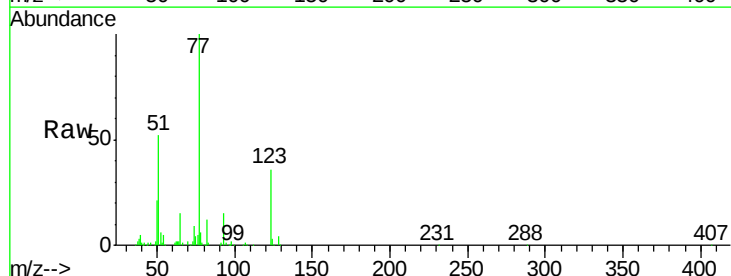
Instrument :
 BNA_G
 ClientSampleId :
 PB107692BS

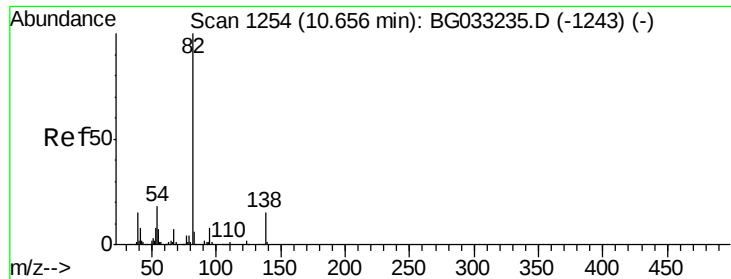
Tgt Ion: 82 Resp: 356701
 Ion Ratio Lower Upper
 82 100
 128 36.3 29.7 44.5
 54 53.1 43.1 64.7



#24
 Nitrobenzene
 Concen: 46.65 ng
 RT: 10.11 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: BG033401.D
 Acq: 29 Mar 2018 00:37

Tgt Ion: 77 Resp: 184926
 Ion Ratio Lower Upper
 77 100
 123 35.9 33.0 49.6
 65 15.0 13.0 19.6

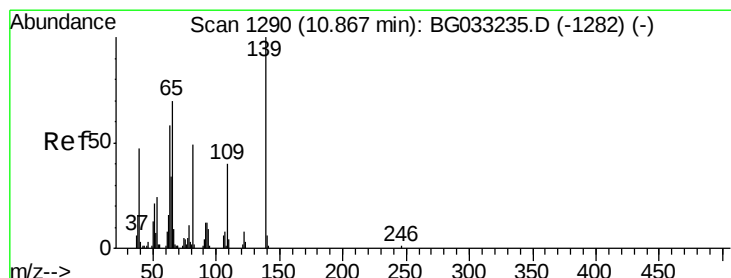
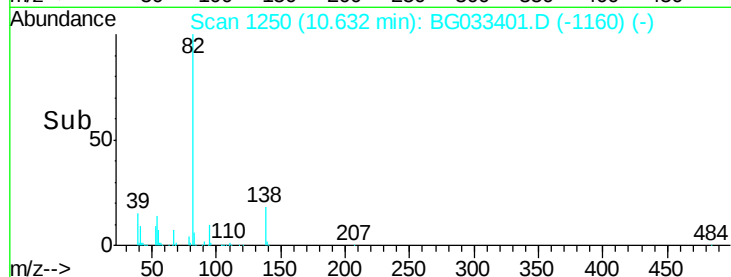
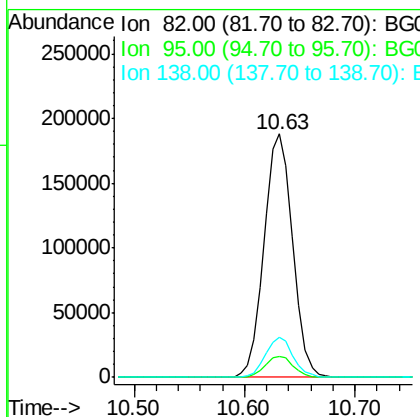
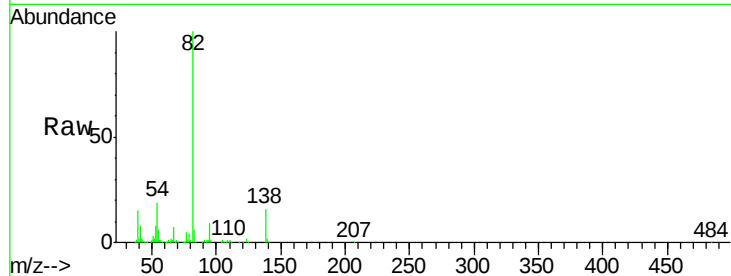




#25
Isophorone
Concen: 47.48 ng
RT: 10.63 min Scan# 1250
Delta R.T. -0.00 min
Lab File: BG033401.D
Acq: 29 Mar 2018 00:37

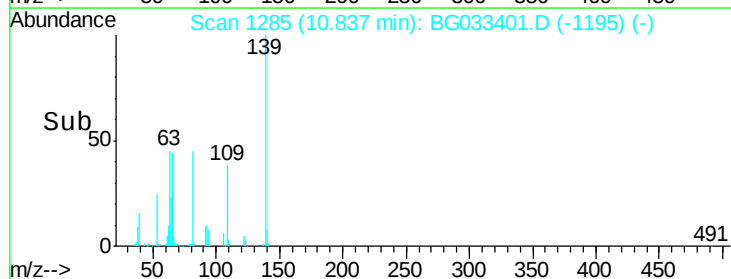
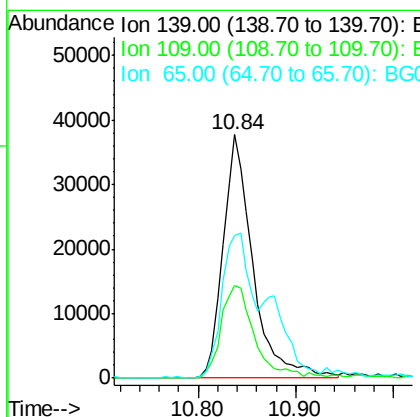
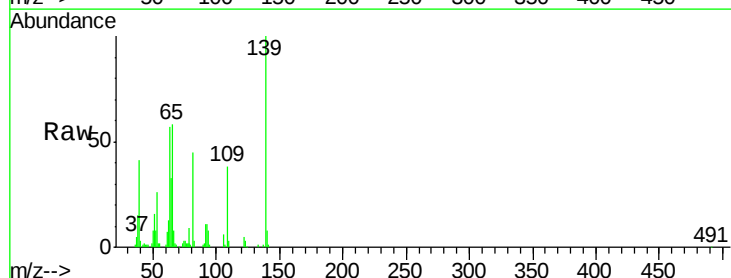
Instrument :
BNA_G
ClientSampleId :
PB107692BS

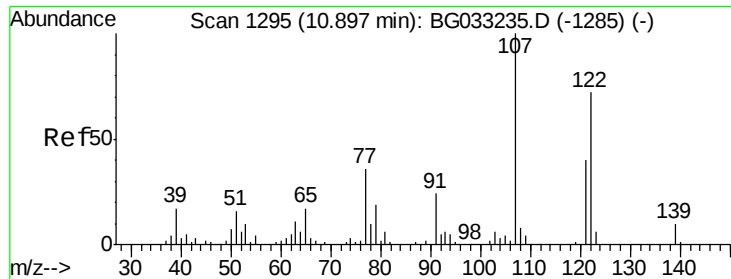
Tgt Ion: 82 Resp: 341265
Ion Ratio Lower Upper
82 100
95 8.6 6.2 9.2
138 16.2 12.1 18.1



#26
2-Nitrophenol
Concen: 53.22 ng
RT: 10.84 min Scan# 1285
Delta R.T. -0.00 min
Lab File: BG033401.D
Acq: 29 Mar 2018 00:37

Tgt Ion: 139 Resp: 79878
Ion Ratio Lower Upper
139 100
109 38.2 24.2 36.2#
65 58.4 47.4 71.0

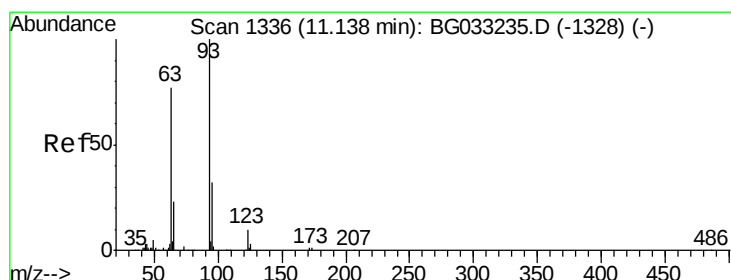
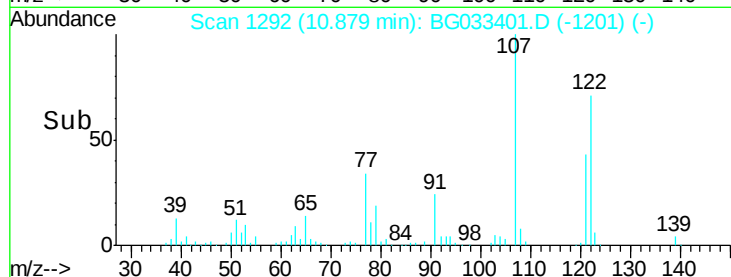
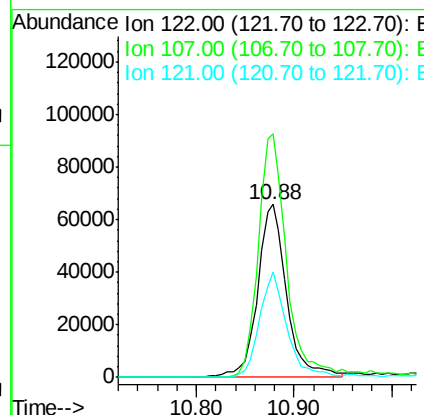
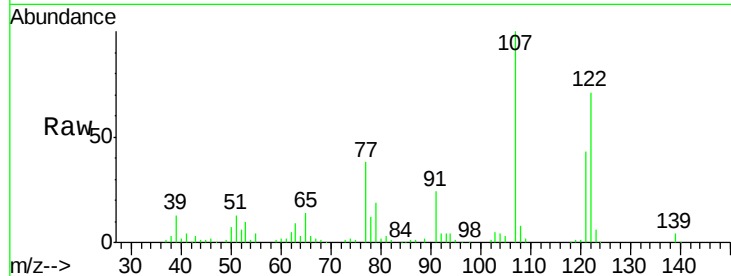




#27
 2,4-Dimethylphenol
 Concen: 63.11 ng
 RT: 10.88 min Scan# 1292
 Delta R.T. 0.00 min
 Lab File: BG033401.D
 Acq: 29 Mar 2018 00:37

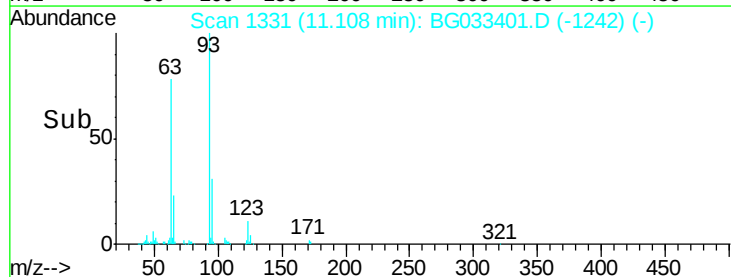
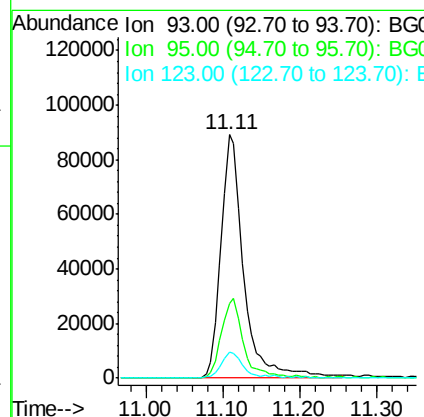
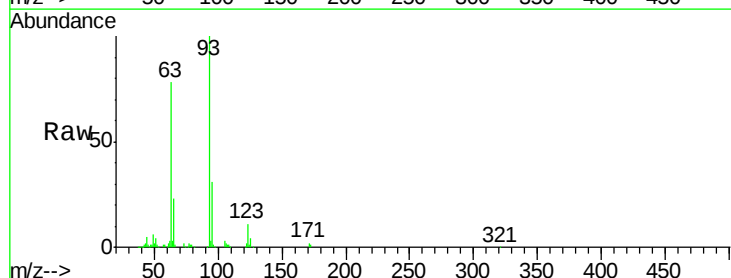
Instrument :
 BNA_G
 ClientSampleId :
 PB107692BS

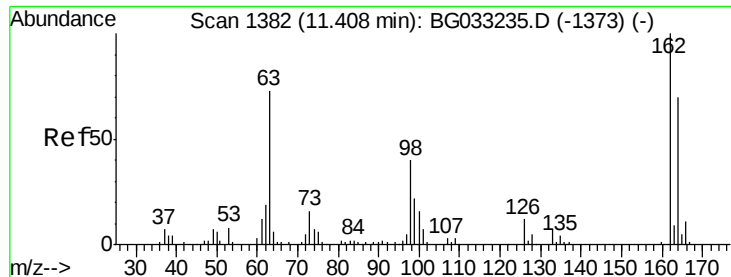
Tgt Ion:122 Resp: 137597
 Ion Ratio Lower Upper
 122 100
 107 141.1 100.2 150.2
 121 61.0 44.4 66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 50.85 ng
 RT: 11.11 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BG033401.D
 Acq: 29 Mar 2018 00:37

Tgt Ion: 93 Resp: 182372
 Ion Ratio Lower Upper
 93 100
 95 30.7 24.3 36.5
 123 10.5 8.4 12.6

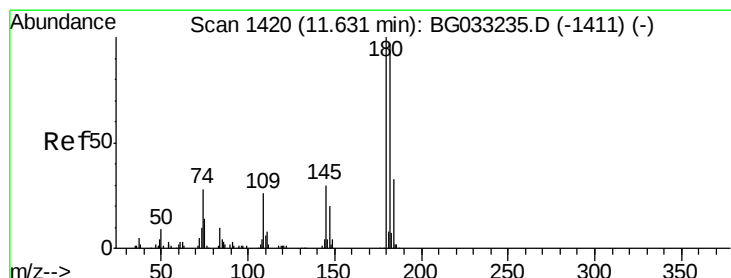
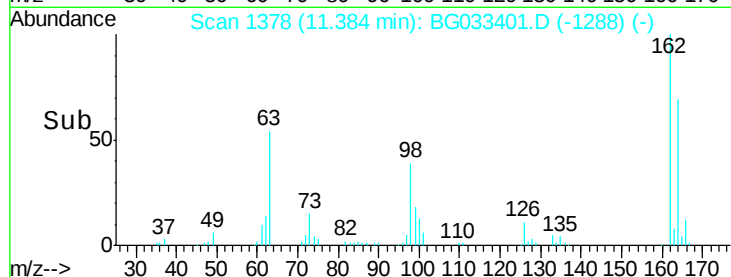
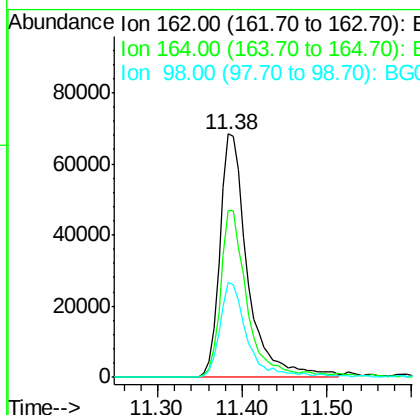
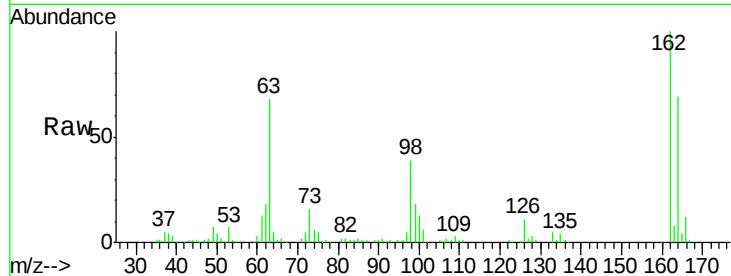




#29
 2,4-Dichlorophenol
 Concen: 58.23 ng
 RT: 11.38 min Scan# 1378
 Delta R.T. -0.00 min
 Lab File: BG033401.D
 Acq: 29 Mar 2018 00:37

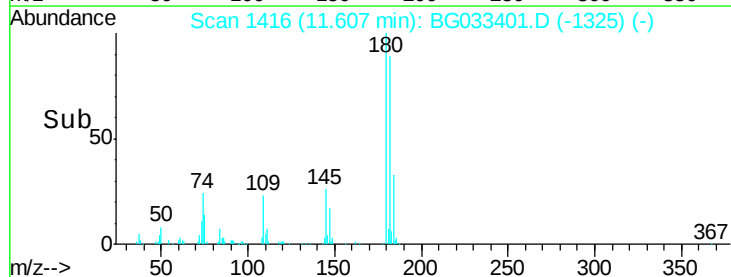
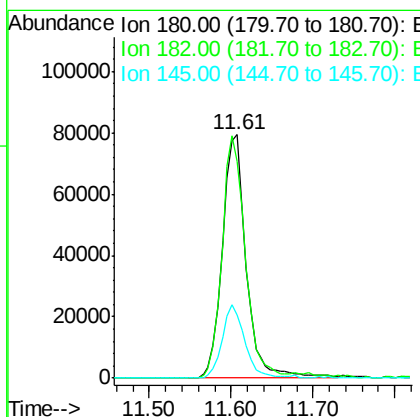
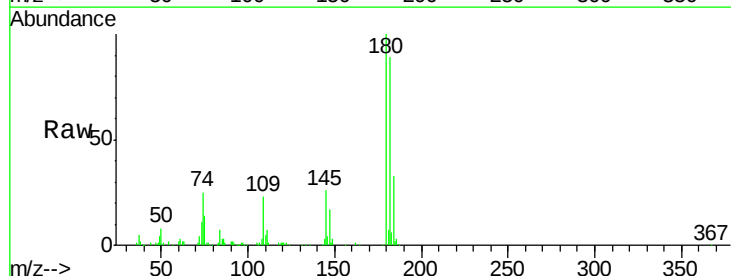
Instrument :
 BNA_G
 ClientSampleId :
 PB107692BS

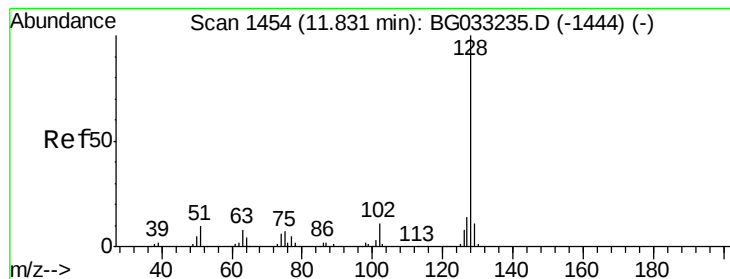
Tgt Ion:162 Resp: 156139
 Ion Ratio Lower Upper
 162 100
 164 68.5 48.0 88.0
 98 39.3 21.1 61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 46.26 ng
 RT: 11.61 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: BG033401.D
 Acq: 29 Mar 2018 00:37

Tgt Ion:180 Resp: 161155
 Ion Ratio Lower Upper
 180 100
 182 89.1 77.5 116.3
 145 26.1 23.4 35.2





#31

Naphthalene

Concen: 48.21 ng

RT: 11.80 min Scan# 1449

Delta R.T. -0.00 min

Lab File: BG033401.D

Acq: 29 Mar 2018 00:37

Instrument :

BNA_G

ClientSampleId :

PB107692BS

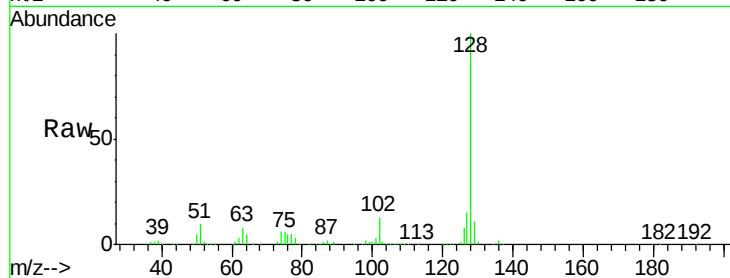
Tgt Ion:128 Resp: 425127

Ion Ratio Lower Upper

128 100

129 11.2 8.6 12.8

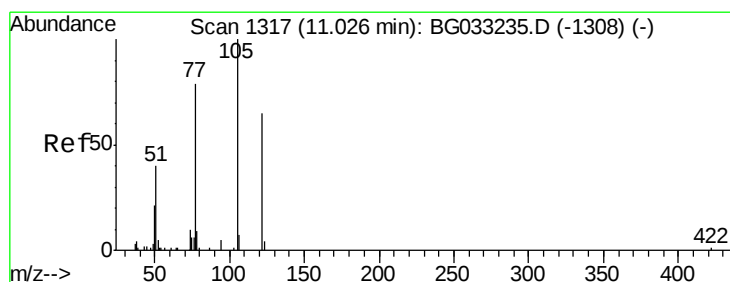
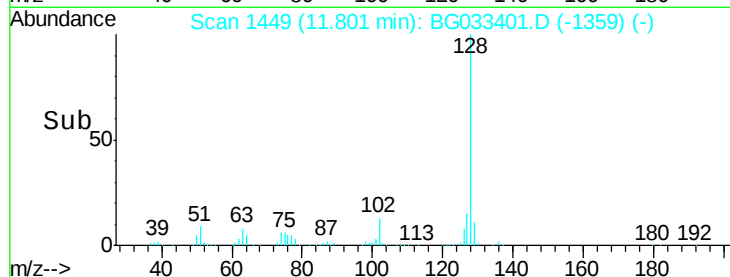
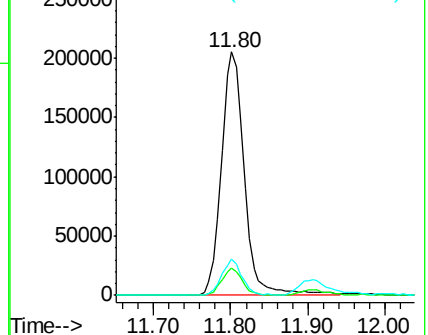
127 14.8 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 67.89 ng

RT: 10.88 min Scan# 1292

Delta R.T. -0.12 min

Lab File: BG033401.D

Acq: 29 Mar 2018 00:37

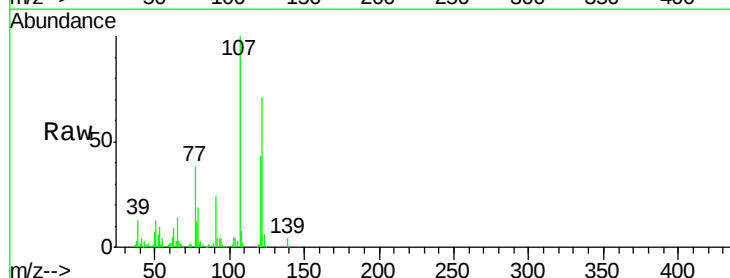
Tgt Ion:122 Resp: 137597

Ion Ratio Lower Upper

122 100

105 4.7 123.5 163.5#

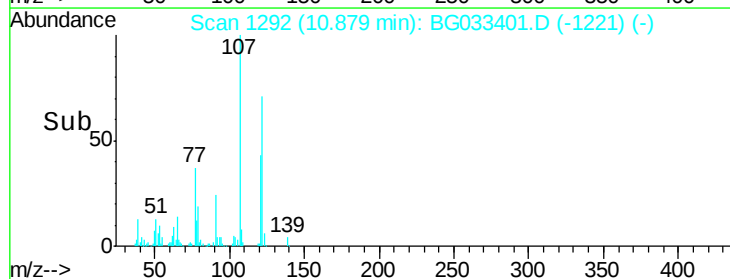
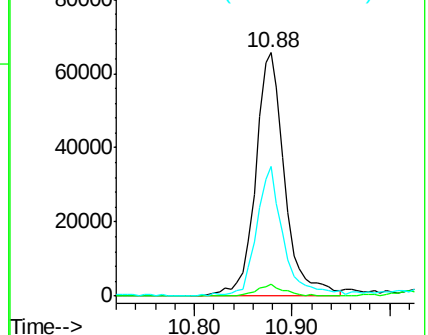
77 53.5 85.7 125.7#

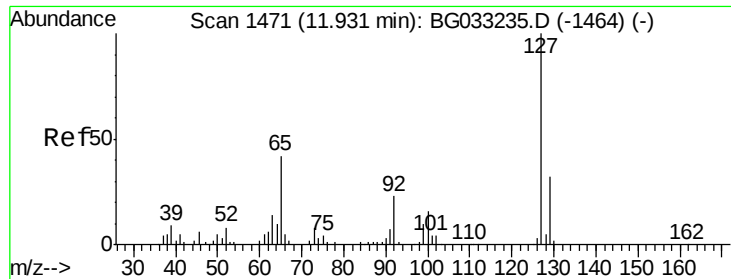


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

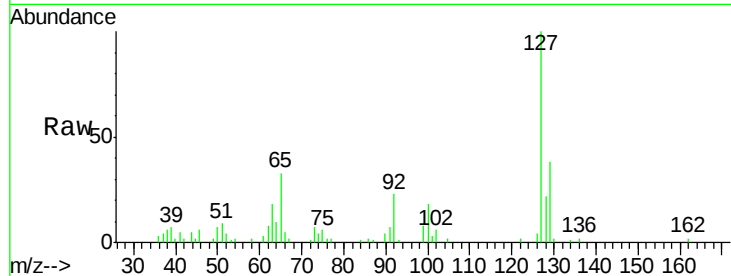




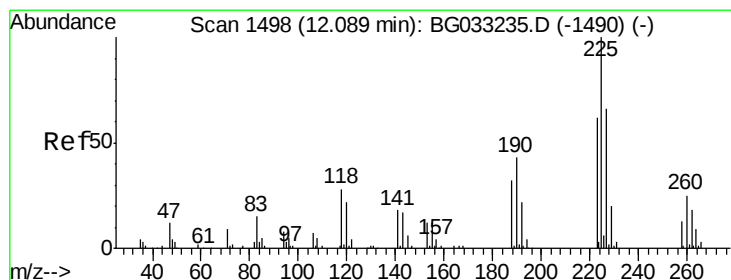
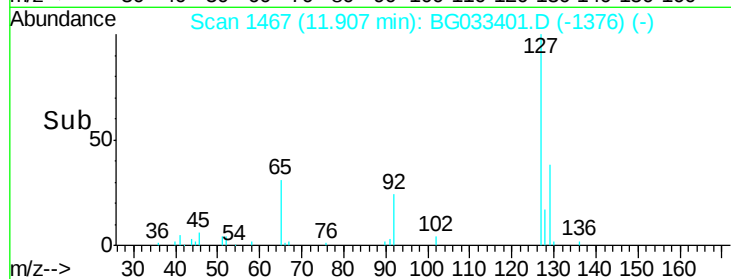
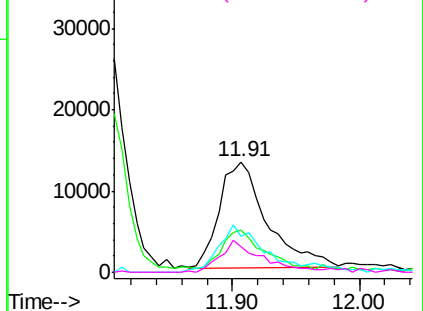
#33
4-Chloroaniline
Concen: 8.74 ng
RT: 11.91 min Scan# 1467
Delta R.T. 0.00 min
Lab File: BG033401.D
Acq: 29 Mar 2018 00:37

Instrument :
BNA_G
ClientSampleId :
PB107692BS

Tgt Ion:	127	Resp:	34535
Ion	Ratio	Lower	Upper
127	100		
129	38.1	24.0	36.0#
65	32.9	27.0	40.4
92	23.2	16.6	25.0

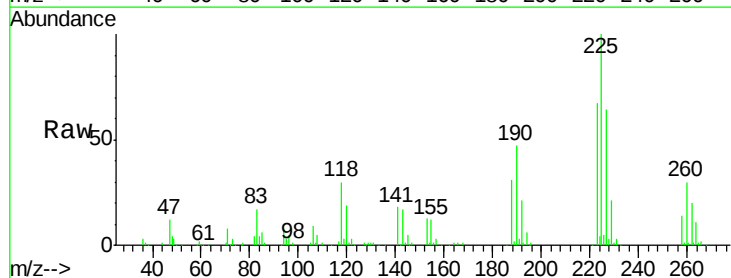


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

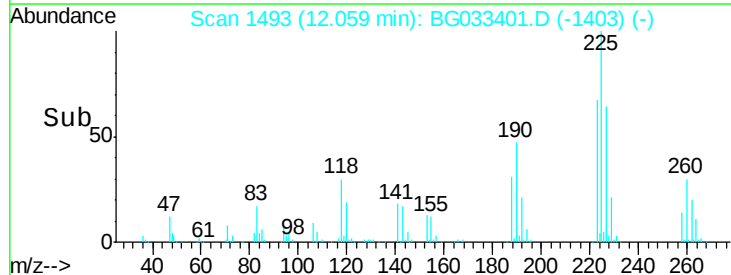
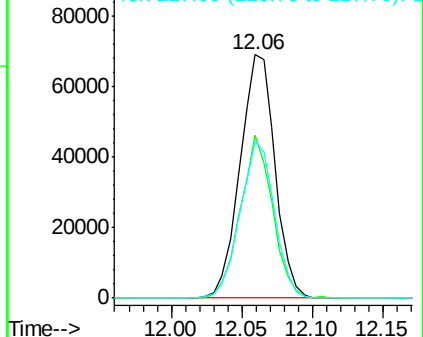


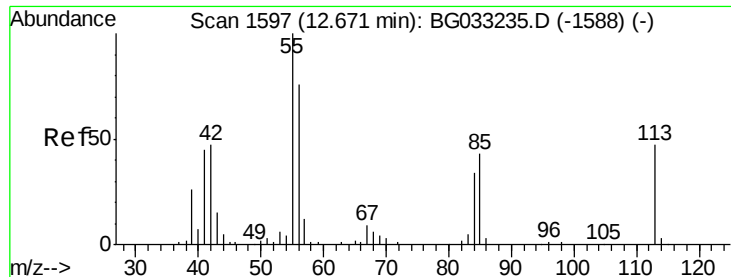
#34
Hexachlorobutadiene
Concen: 45.23 ng
RT: 12.06 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BG033401.D
Acq: 29 Mar 2018 00:37

Tgt Ion:	225	Resp:	119153
Ion	Ratio	Lower	Upper
225	100		
223	67.0	49.7	74.5
227	64.4	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

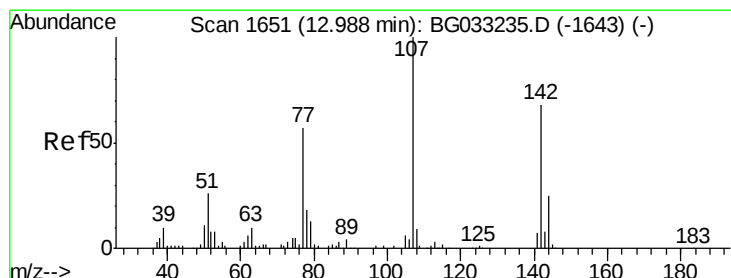
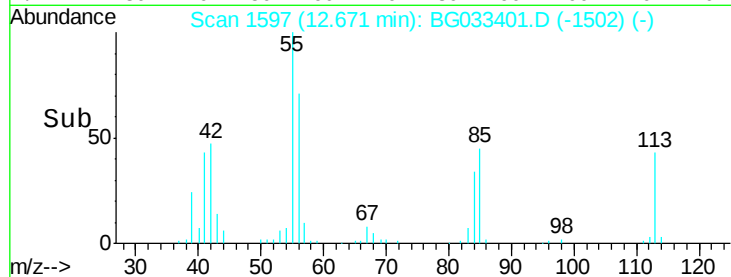
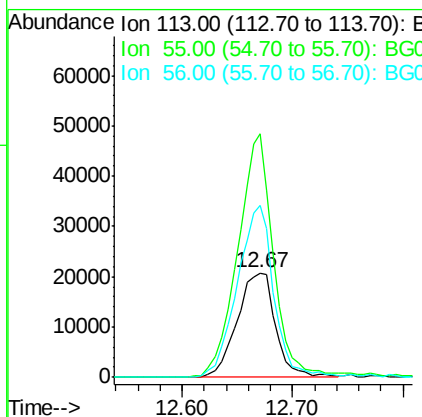
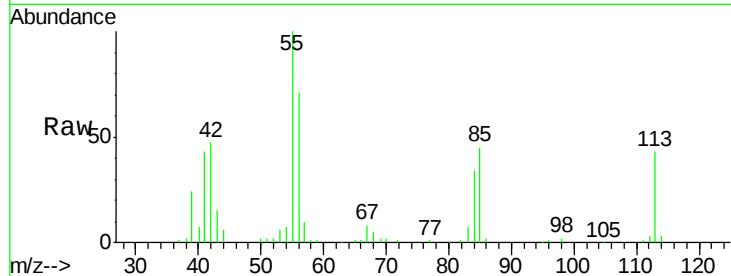




#35
 Caprolactam
 Concen: 48.33 ng
 RT: 12.67 min Scan# 1597
 Delta R.T. 0.03 min
 Lab File: BG033401.D
 Acq: 29 Mar 2018 00:37

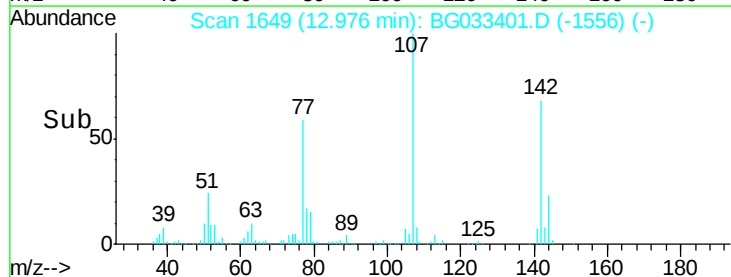
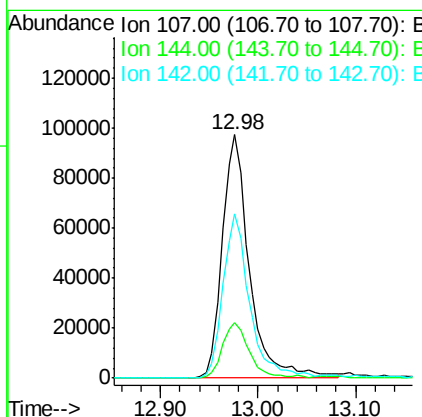
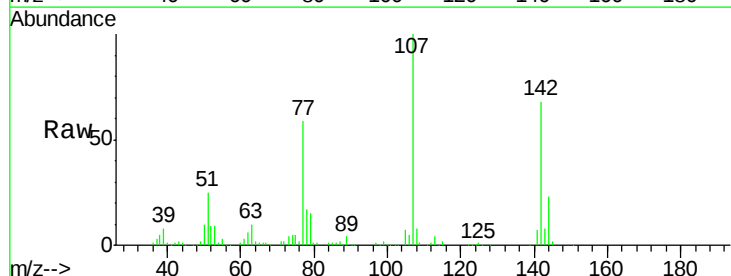
Instrument :
 BNA_G
 ClientSampleId :
 PB107692BS

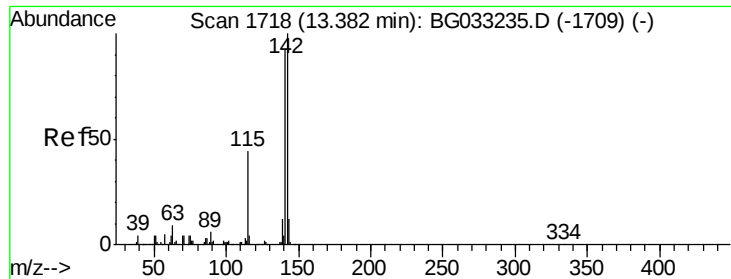
Tgt Ion:113 Resp: 50767
 Ion Ratio Lower Upper
 113 100
 55 232.7 186.9 226.9#
 56 164.3 130.9 170.9



#36
 4-Chloro-3-methylphenol
 Concen: 53.81 ng
 RT: 12.98 min Scan# 1649
 Delta R.T. 0.01 min
 Lab File: BG033401.D
 Acq: 29 Mar 2018 00:37

Tgt Ion:107 Resp: 188186
 Ion Ratio Lower Upper
 107 100
 144 23.0 18.2 27.4
 142 67.7 59.0 88.4

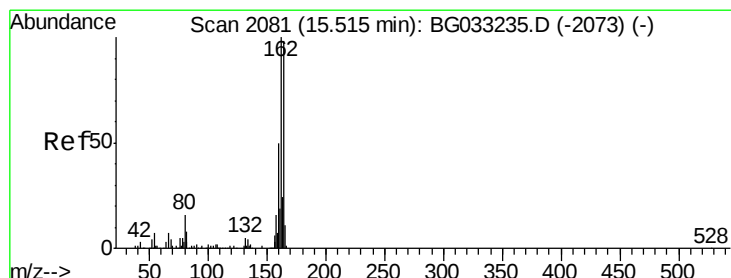
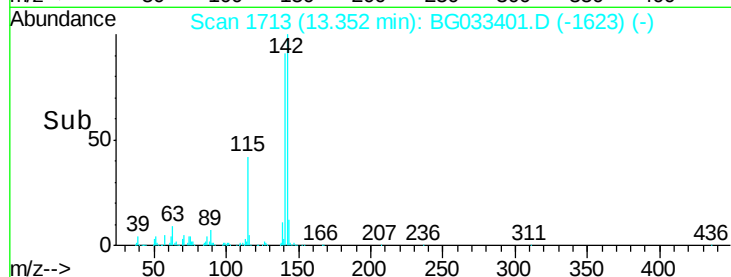
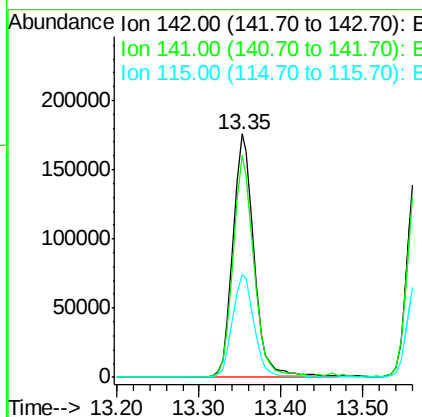
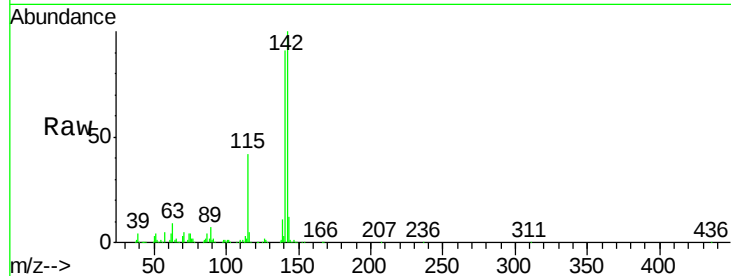




#37
 2-Methylnaphthalene
 Concen: 46.43 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.00 min
 Lab File: BG033401.D
 Acq: 29 Mar 2018 00:37

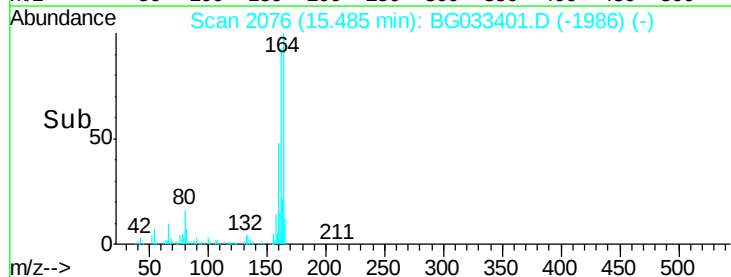
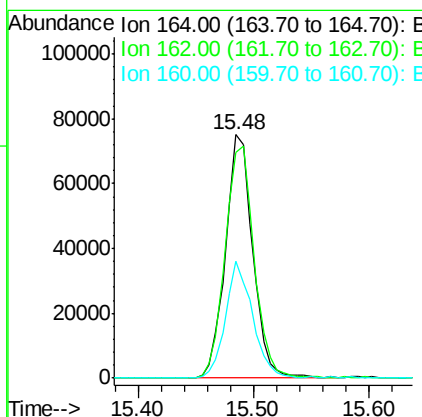
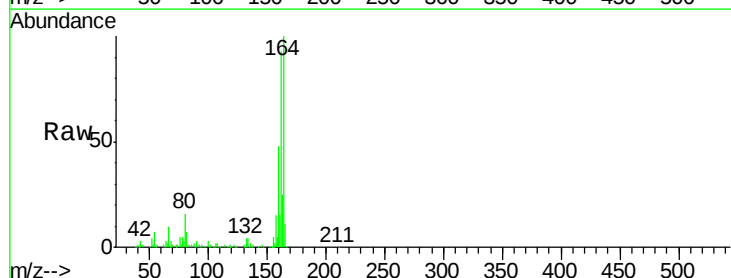
Instrument :
 BNA_G
 ClientSampleId :
 PB107692BS

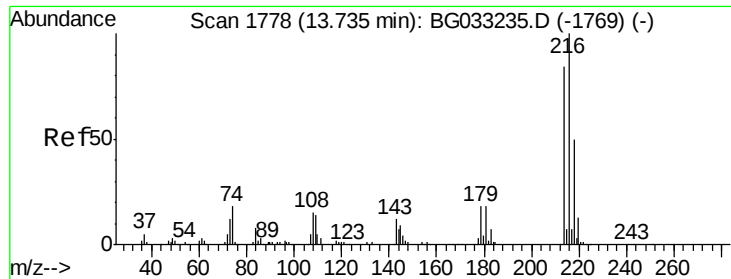
Tgt Ion:142 Resp: 317754
 Ion Ratio Lower Upper
 142 100
 141 91.2 67.1 100.7
 115 42.1 30.7 46.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.48 min Scan# 2076
 Delta R.T. -0.00 min
 Lab File: BG033401.D
 Acq: 29 Mar 2018 00:37

Tgt Ion:164 Resp: 123156
 Ion Ratio Lower Upper
 164 100
 162 92.8 78.8 118.2
 160 48.2 35.4 53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 47.41 ng

RT: 13.71 min Scan# 1774

Delta R.T. 0.00 min

Lab File: BG033401.D

Acq: 29 Mar 2018 00:37

Instrument :

BNA_G

ClientSampleId :

PB107692BS

Tgt Ion:216 Resp: 211482

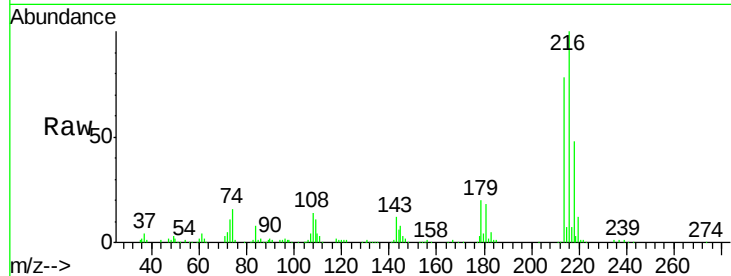
Ion Ratio Lower Upper

216 100

214 79.3 63.0 94.4

179 19.9 17.0 25.6

108 17.4 12.8 19.2

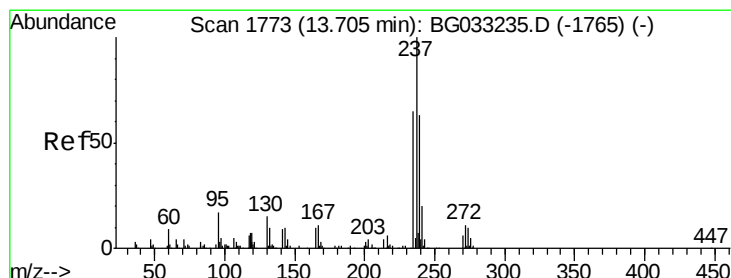
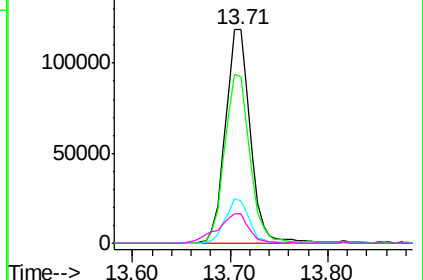
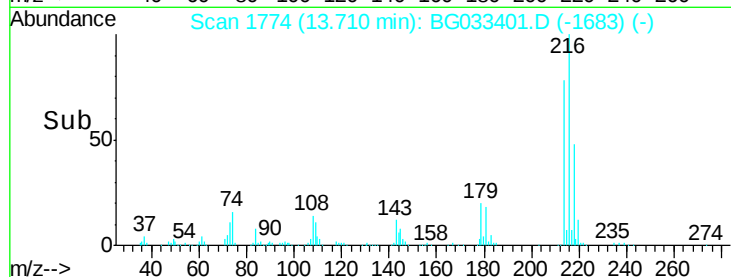


Abundance Ion 216.00 (215.70 to 216.70): E

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: 87.98 ng

RT: 13.68 min Scan# 1769

Delta R.T. -0.00 min

Lab File: BG033401.D

Acq: 29 Mar 2018 00:37

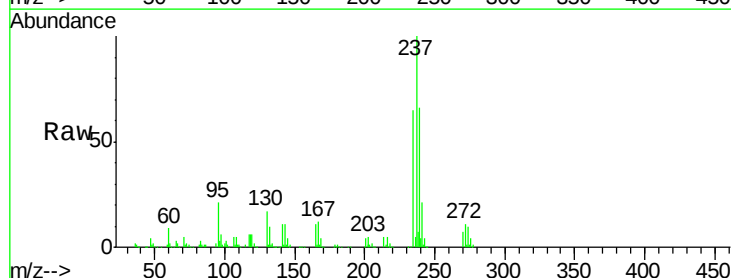
Tgt Ion:237 Resp: 230082

Ion Ratio Lower Upper

237 100

235 64.9 50.4 90.4

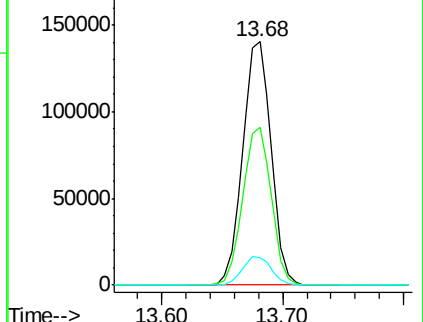
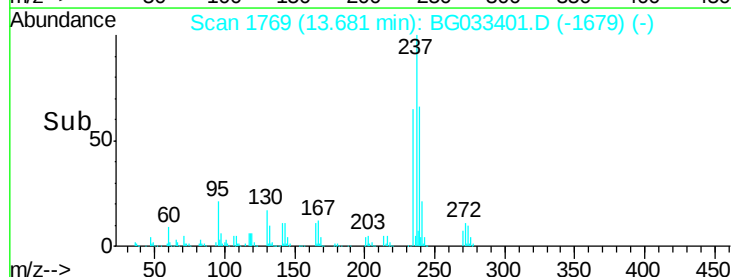
272 11.0 0.0 31.8

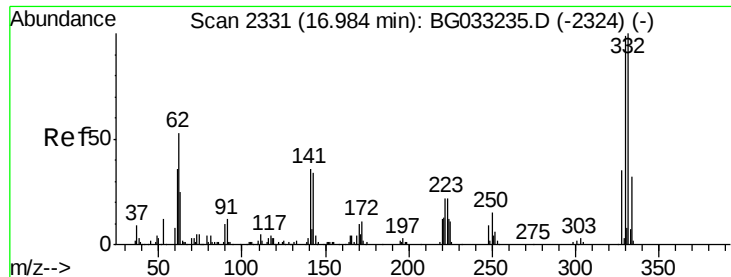


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 151.38 ng

RT: 16.97 min Scan# 2328

Delta R.T. 0.01 min

Lab File: BG033401.D

Acq: 29 Mar 2018 00:37

Instrument :

BNA_G

ClientSampleId :

PB107692BS

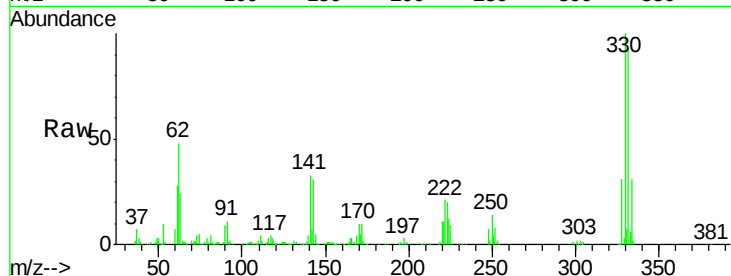
Tgt Ion:330 Resp: 278837

Ion Ratio Lower Upper

330 100

332 96.7 77.0 115.6

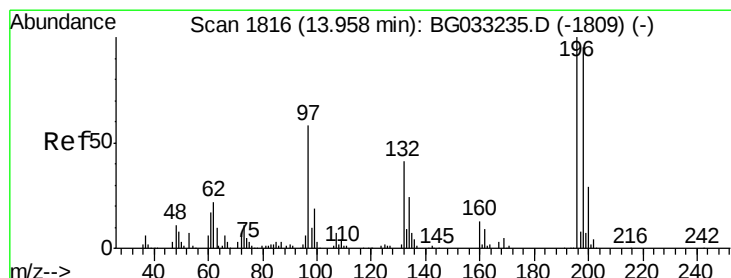
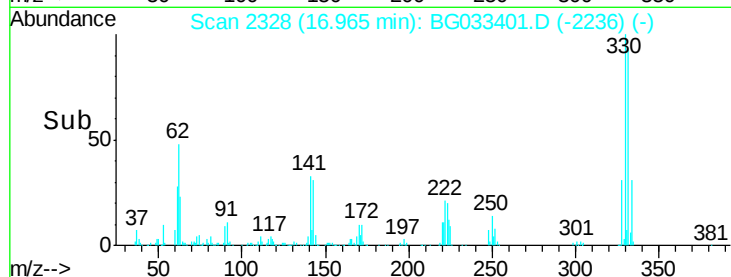
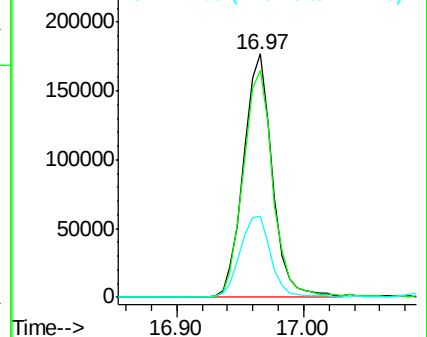
141 35.7 25.2 37.8



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: 56.28 ng

RT: 13.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: BG033401.D

Acq: 29 Mar 2018 00:37

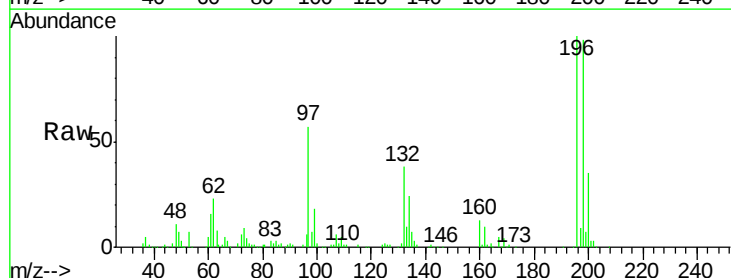
Tgt Ion:196 Resp: 145866

Ion Ratio Lower Upper

196 100

198 98.3 78.2 117.2

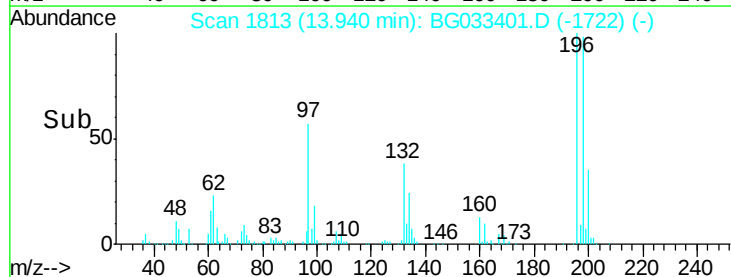
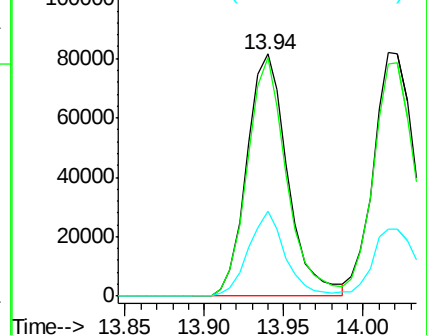
200 34.8 24.6 36.8

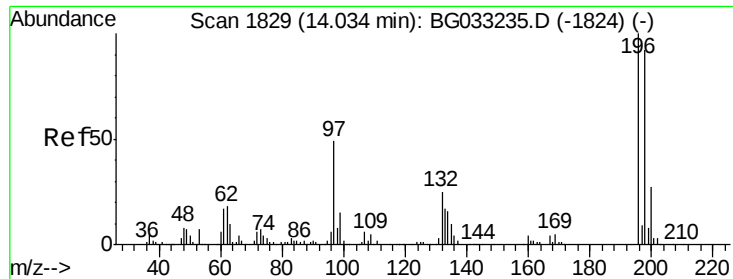


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

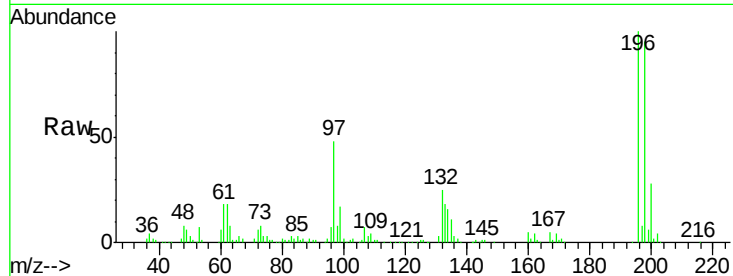




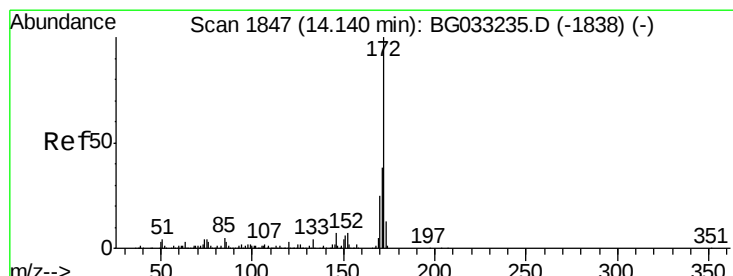
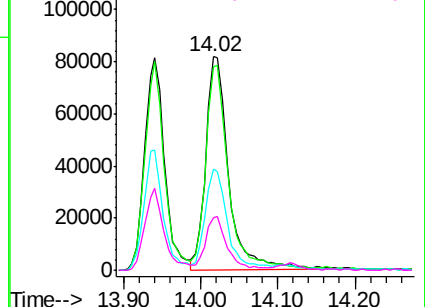
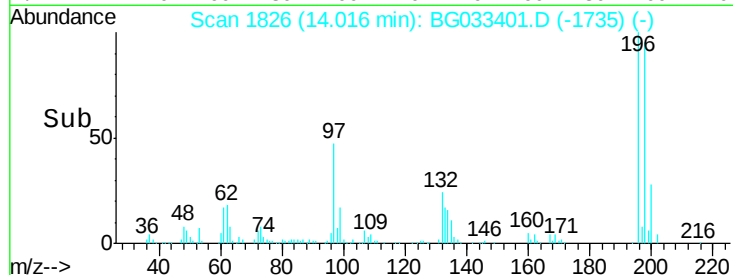
#43
2,4,5-Trichlorophenol
Concen: 54.22 ng
RT: 14.02 min Scan# 1826
Delta R.T. 0.00 min
Lab File: BG033401.D
Acq: 29 Mar 2018 00:37

Instrument :
BNA_G
ClientSampleId :
PB107692BS

Tgt Ion:196 Resp: 166122
Ion Ratio Lower Upper
196 100
198 95.4 76.2 114.4
97 47.6 38.7 58.1
132 24.5 20.2 30.2

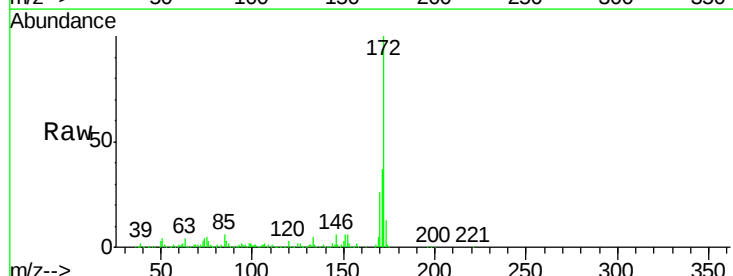


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BGC
Ion 132.00 (131.70 to 132.70): E

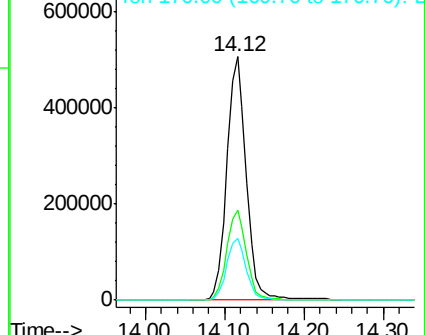
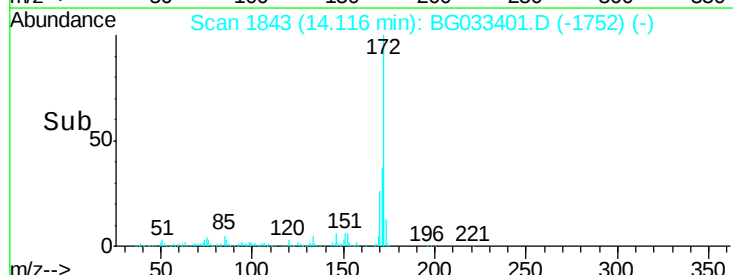


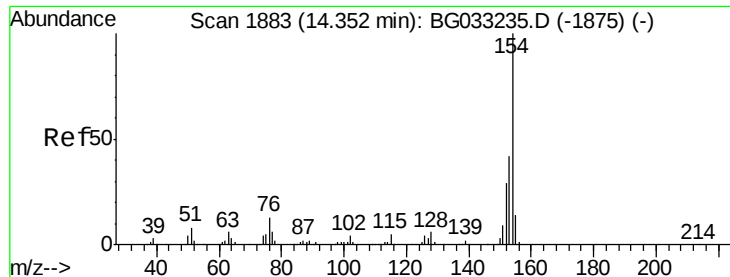
#44
2-Fluorobiphenyl
Concen: 100.40 ng
RT: 14.12 min Scan# 1843
Delta R.T. 0.00 min
Lab File: BG033401.D
Acq: 29 Mar 2018 00:37

Tgt Ion:172 Resp: 856529
Ion Ratio Lower Upper
172 100
171 37.2 30.0 45.0
170 25.5 19.5 29.3



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

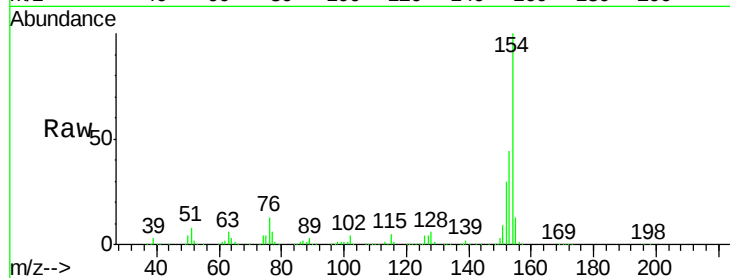




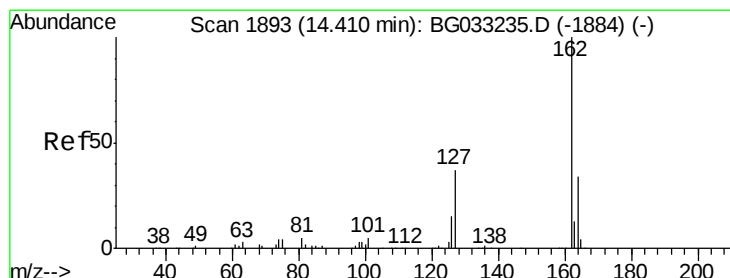
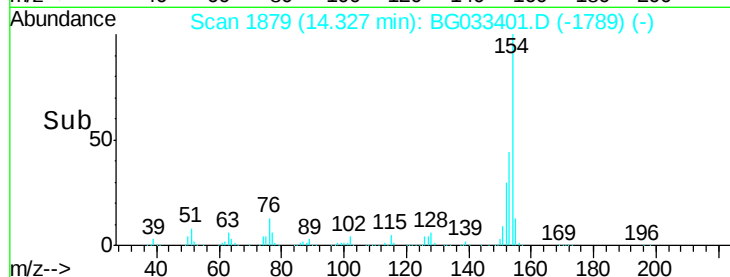
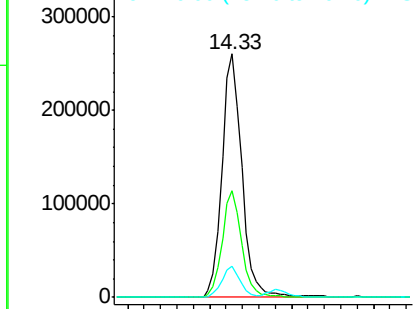
#45
 1,1'-Biphenyl
 Concen: 46.79 ng
 RT: 14.33 min Scan# 1879
 Delta R.T. -0.00 min
 Lab File: BG033401.D
 Acq: 29 Mar 2018 00:37

Instrument :
 BNA_G
 ClientSampleId :
 PB107692BS

Tgt Ion:154 Resp: 442718
 Ion Ratio Lower Upper
 154 100
 153 43.6 19.8 59.8
 76 12.6 0.0 31.9

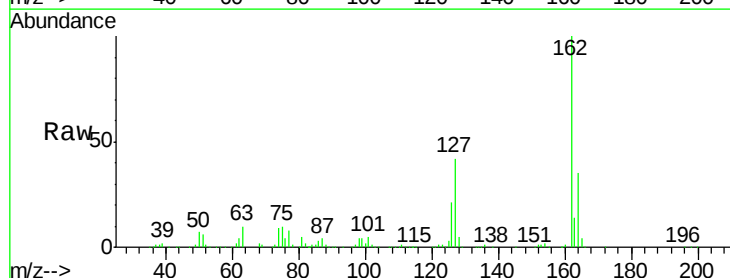


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

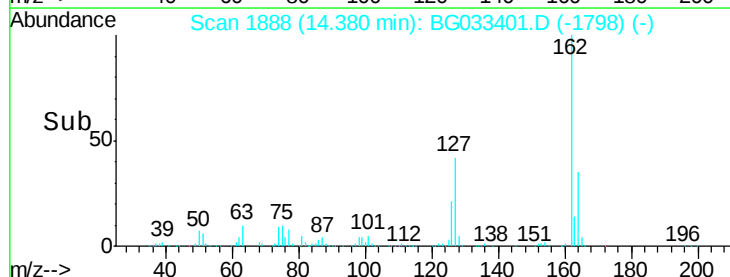
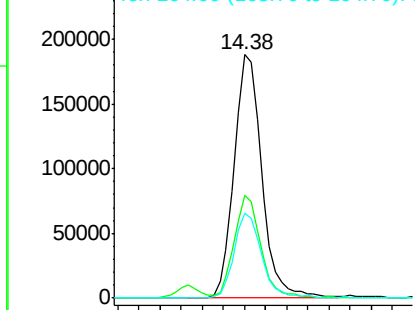


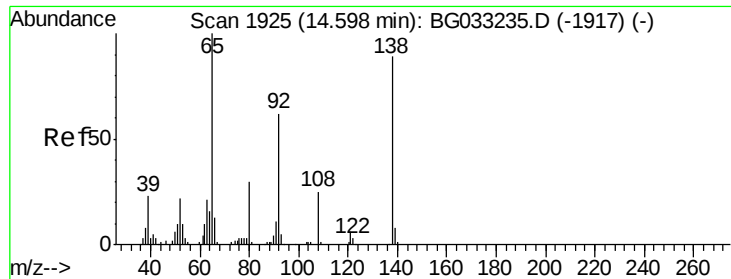
#46
 2-Chloronaphthalene
 Concen: 46.67 ng
 RT: 14.38 min Scan# 1888
 Delta R.T. -0.00 min
 Lab File: BG033401.D
 Acq: 29 Mar 2018 00:37

Tgt Ion:162 Resp: 340497
 Ion Ratio Lower Upper
 162 100
 127 42.4 30.7 46.1
 164 34.7 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

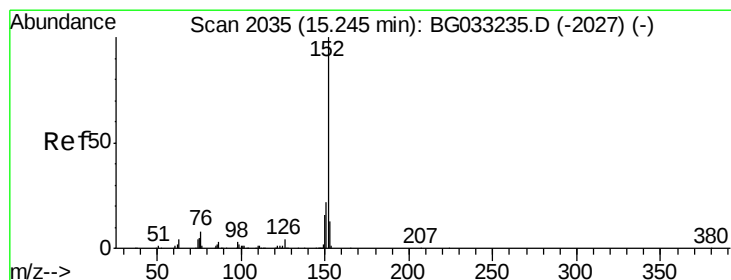
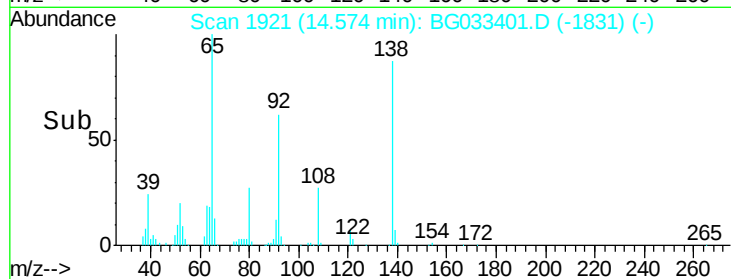
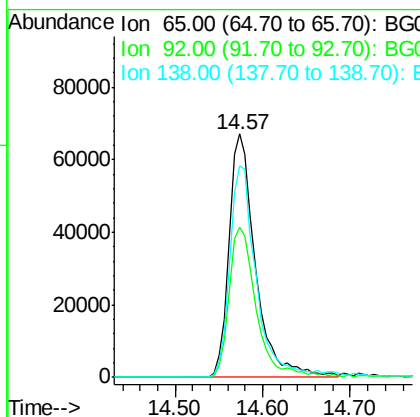
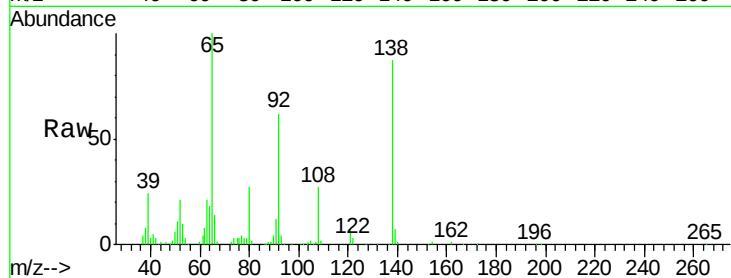




#47
2-Nitroaniline
Concen: 50.58 ng
RT: 14.57 min Scan# 1921
Delta R.T. -0.00 min
Lab File: BG033401.D
Acq: 29 Mar 2018 00:37

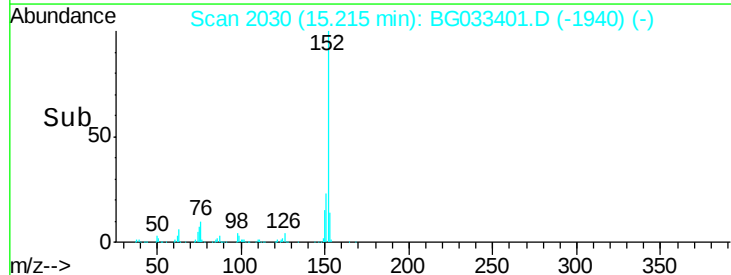
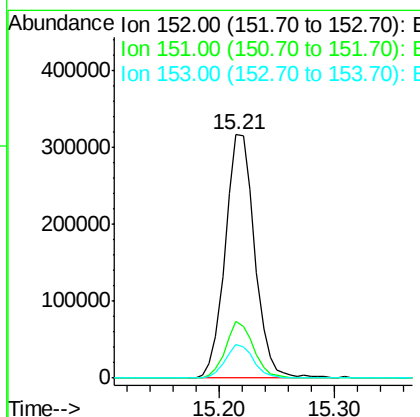
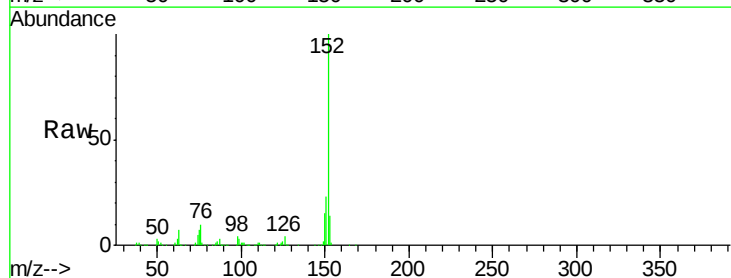
Instrument :
BNA_G
ClientSampleId :
PB107692BS

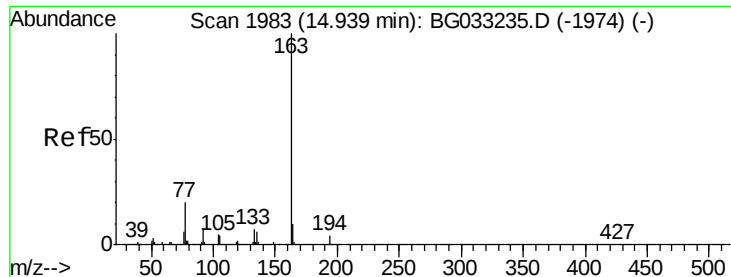
Tgt Ion: 65 Resp: 138203
Ion Ratio Lower Upper
65 100
92 61.6 54.6 82.0
138 86.7 72.9 109.3



#48
Acenaphthylene
Concen: 45.75 ng
RT: 15.21 min Scan# 2030
Delta R.T. -0.00 min
Lab File: BG033401.D
Acq: 29 Mar 2018 00:37

Tgt Ion: 152 Resp: 557146
Ion Ratio Lower Upper
152 100
151 23.4 17.2 25.8
153 14.0 10.2 15.4





#49

Dimethylphthalate

Concen: 46.75 ng

RT: 14.91 min Scan# 1979

Delta R.T. 0.00 min

Lab File: BG033401.D

Acq: 29 Mar 2018 00:37

Instrument :

BNA_G

ClientSampleId :

PB107692BS

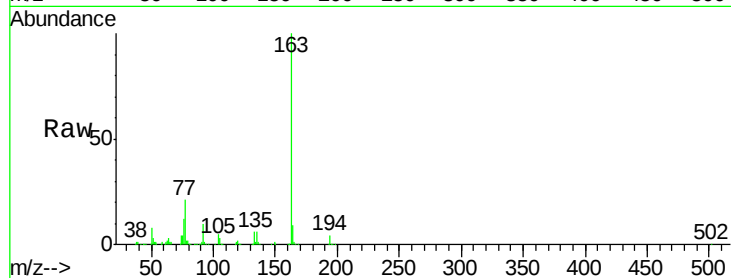
Tgt Ion:163 Resp: 501041

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

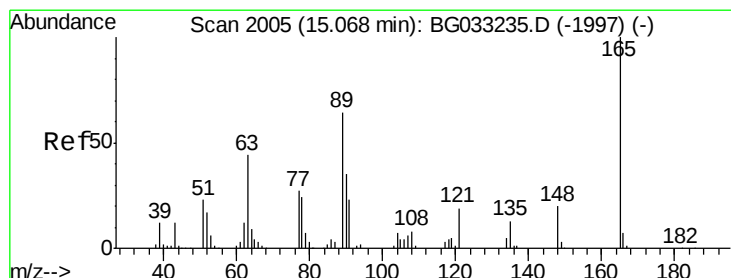
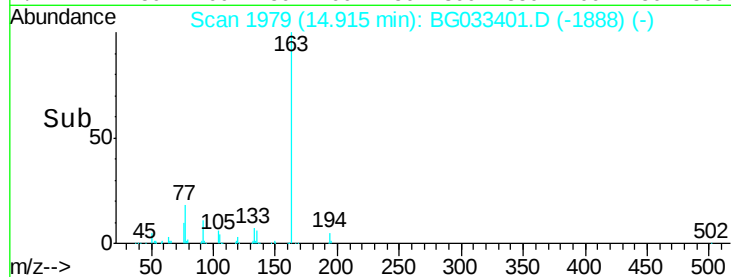
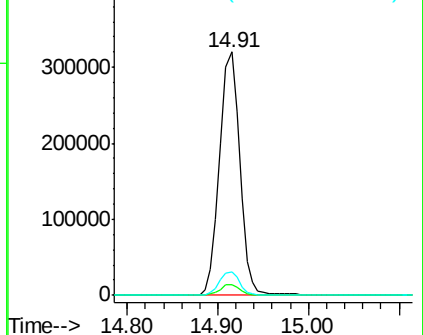
164 9.5 8.2 12.4



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: 48.48 ng

RT: 15.04 min Scan# 2001

Delta R.T. -0.00 min

Lab File: BG033401.D

Acq: 29 Mar 2018 00:37

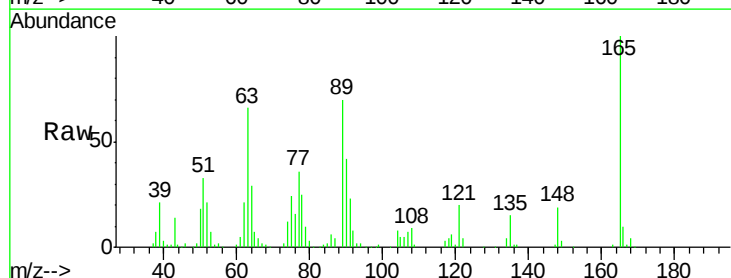
Tgt Ion:165 Resp: 106243

Ion Ratio Lower Upper

165 100

63 65.9 52.7 79.1

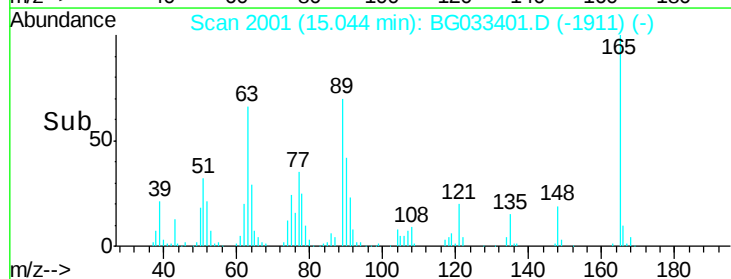
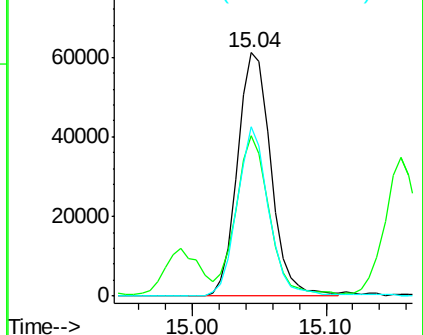
89 69.8 49.2 73.8

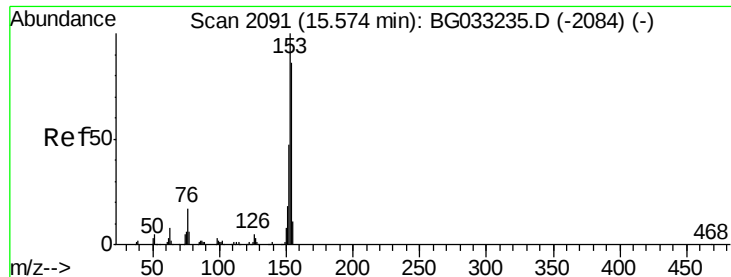


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG





#51

Acenaphthene

Concen: 44.64 ng

RT: 15.55 min Scan# 2087

Delta R.T. -0.00 min

Lab File: BG033401.D

Acq: 29 Mar 2018 00:37

Instrument :

BNA_G

ClientSampleId :

PB107692BS

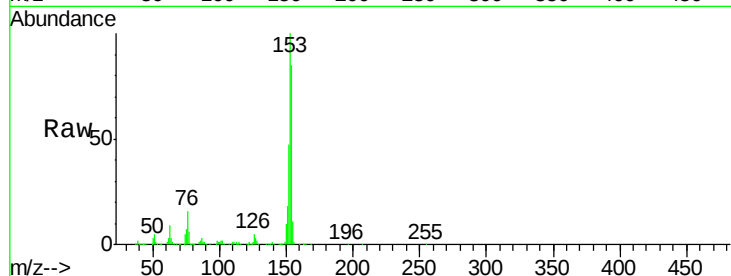
Tgt Ion:154 Resp: 350454

Ion Ratio Lower Upper

154 100

153 117.9 90.4 135.6

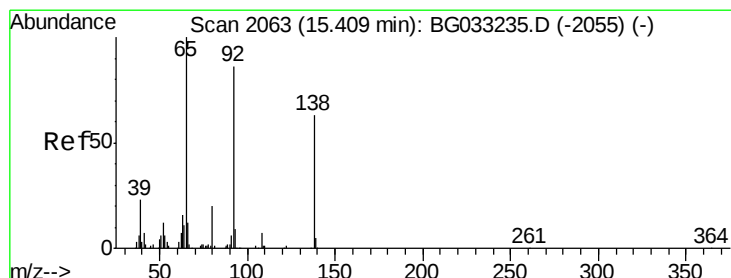
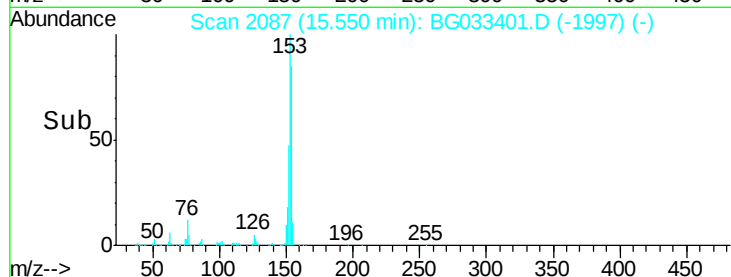
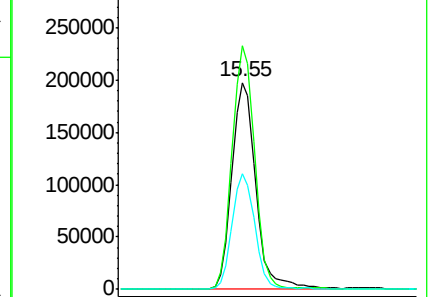
152 55.8 41.6 62.4



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: 17.52 ng

RT: 15.38 min Scan# 2059

Delta R.T. 0.00 min

Lab File: BG033401.D

Acq: 29 Mar 2018 00:37

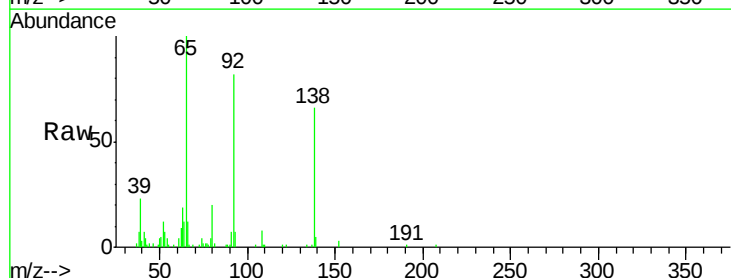
Tgt Ion:138 Resp: 40257

Ion Ratio Lower Upper

138 100

108 11.8 17.5 26.3#

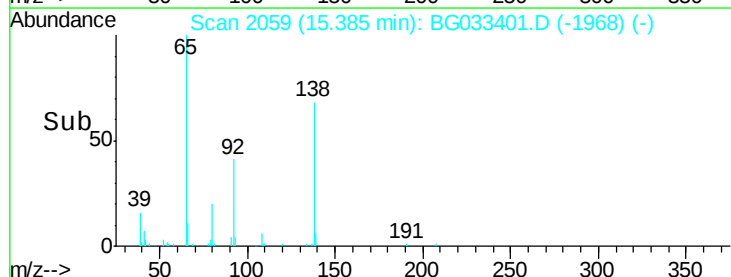
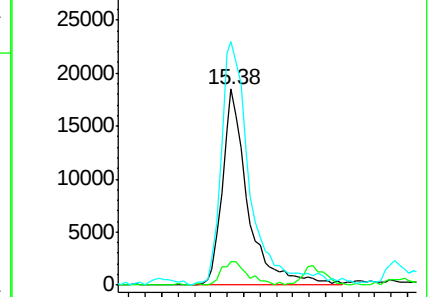
92 124.2 105.8 158.8

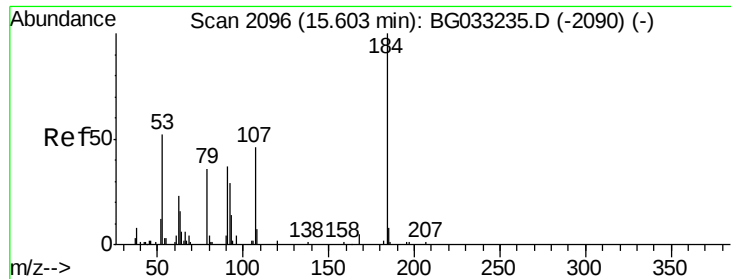


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





#53

2,4-Dinitrophenol

Concen: 25.76 ng

RT: 15.58 min Scan# 2093

Delta R.T. 0.00 min

Lab File: BG033401.D

Acq: 29 Mar 2018 00:37

Instrument :

BNA_G

ClientSampleId :

PB107692BS

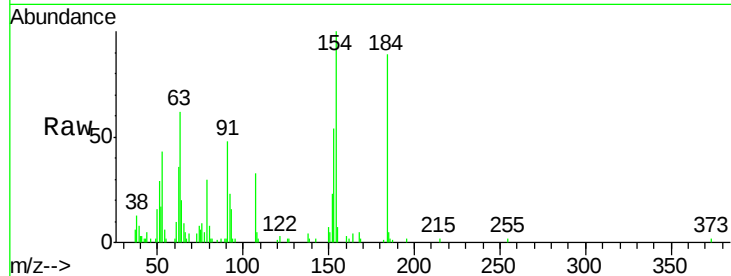
Tgt Ion:184 Resp: 22730

Ion Ratio Lower Upper

184 100

63 69.4 59.8 89.8

154 111.9 101.8 152.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E

250000

200000

150000

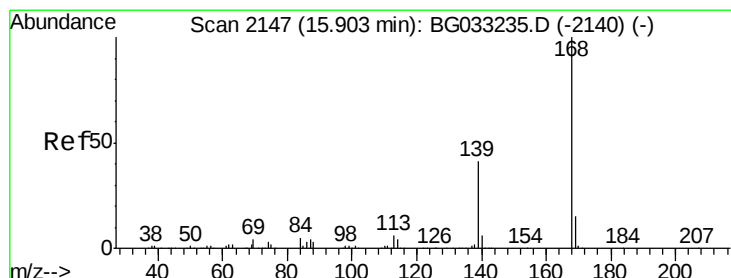
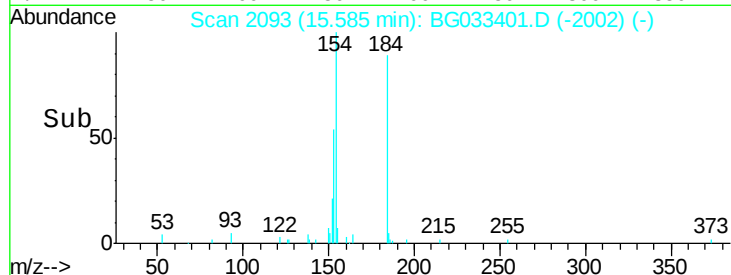
100000

50000

0

15.50 15.55 15.60 15.65

Time-->



#54

Dibenzofuran

Concen: 48.24 ng

RT: 15.88 min Scan# 2143

Delta R.T. -0.00 min

Lab File: BG033401.D

Acq: 29 Mar 2018 00:37

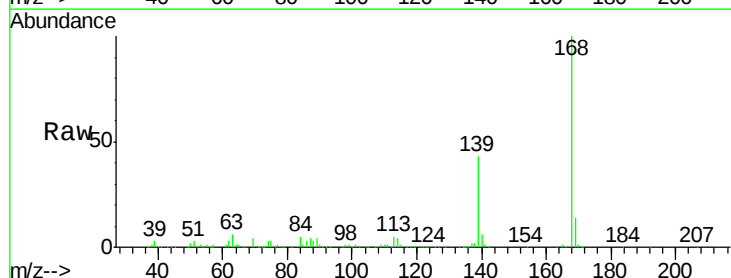
Tgt Ion:168 Resp: 559376

Ion Ratio Lower Upper

168 100

139 42.8 28.6 43.0

169 14.2 11.2 16.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

400000

300000

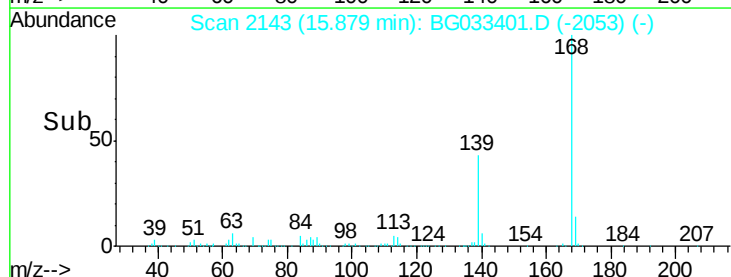
200000

100000

0

15.80 15.90 16.00

Time-->

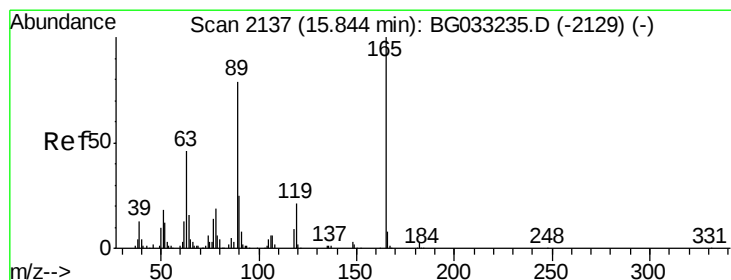
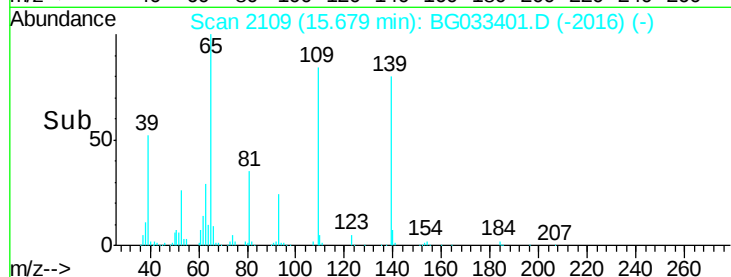
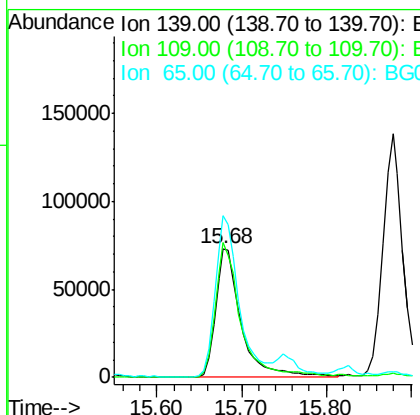
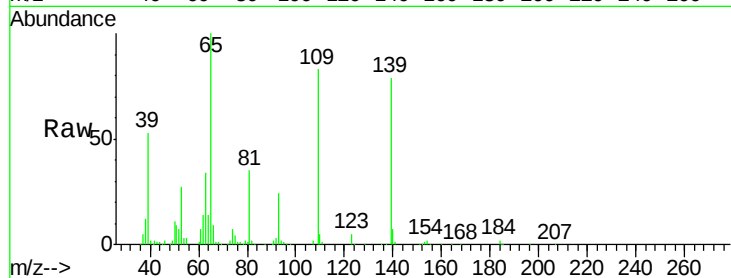




#55
4-Nitrophenol
Concen: 95.86 ng
RT: 15.68 min Scan# 2109
Delta R.T. 0.01 min
Lab File: BG033401.D
Acq: 29 Mar 2018 00:37

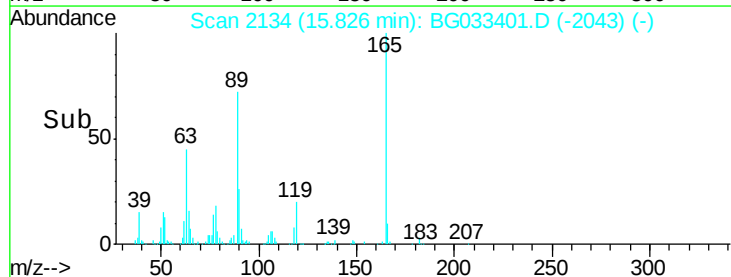
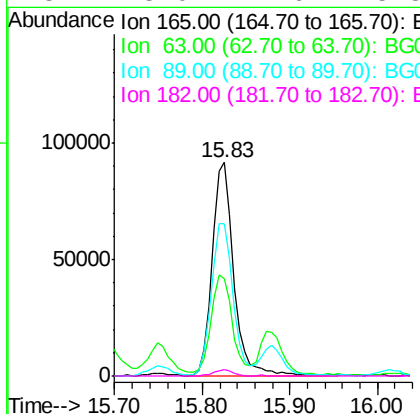
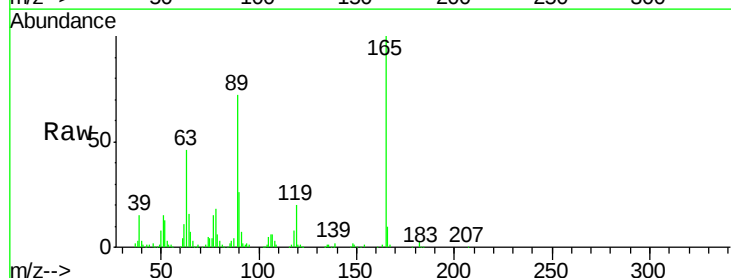
Instrument :
BNA_G
ClientSampleId :
PB107692BS

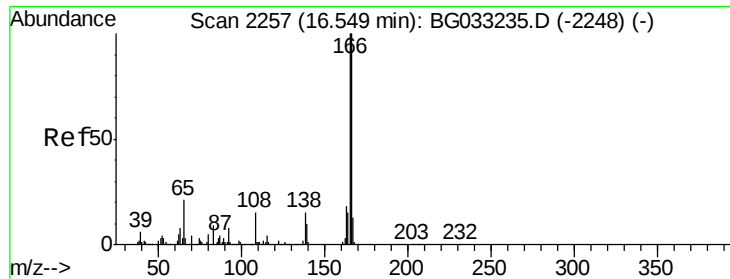
Tgt Ion:139 Resp: 154872
Ion Ratio Lower Upper
139 100
109 104.4 62.2 102.2#
65 125.9 97.2 137.2



#56
2,4-Dinitrotoluene
Concen: 48.43 ng
RT: 15.83 min Scan# 2134
Delta R.T. 0.00 min
Lab File: BG033401.D
Acq: 29 Mar 2018 00:37

Tgt Ion:165 Resp: 156268
Ion Ratio Lower Upper
165 100
63 45.7 42.0 63.0
89 71.6 66.9 100.3
182 3.0 2.6 3.8





#57

Fluorene

Concen: 47.05 ng

RT: 16.52 min Scan# 2253

Delta R.T. 0.00 min

Lab File: BG033401.D

Acq: 29 Mar 2018 00:37

Instrument :

BNA_G

ClientSampleId :

PB107692BS

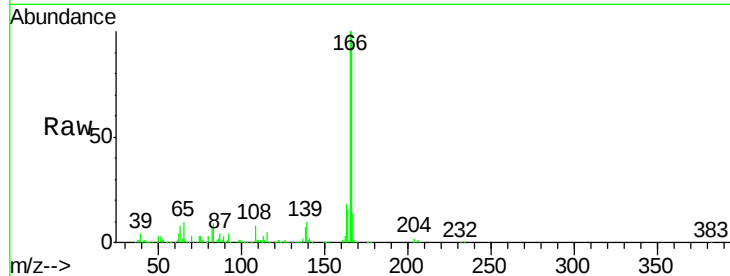
Tgt Ion:166 Resp: 464831

Ion Ratio Lower Upper

166 100

165 100.1 80.6 121.0

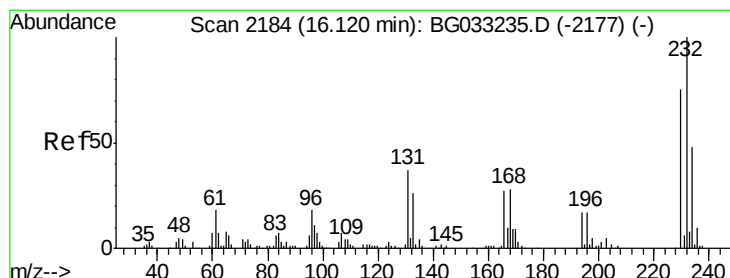
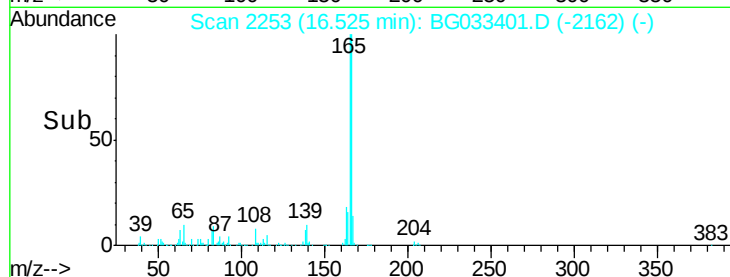
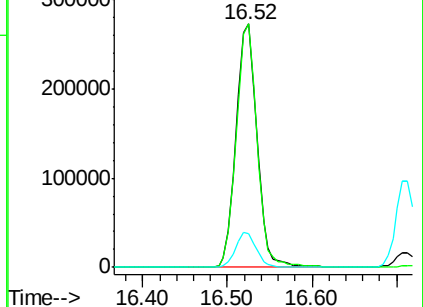
167 13.7 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 52.26 ng

RT: 16.10 min Scan# 2180

Delta R.T. 0.00 min

Lab File: BG033401.D

Acq: 29 Mar 2018 00:37

Tgt Ion:232 Resp: 150737

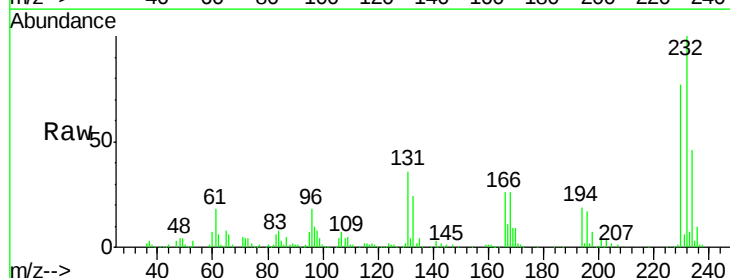
Ion Ratio Lower Upper

232 100

131 38.3 33.5 50.3

130 2.3 2.2 3.2

166 28.4 24.8 37.2

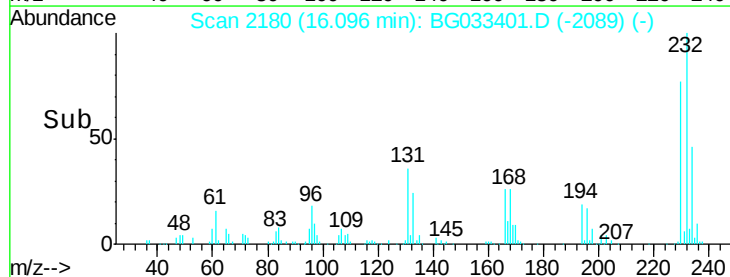
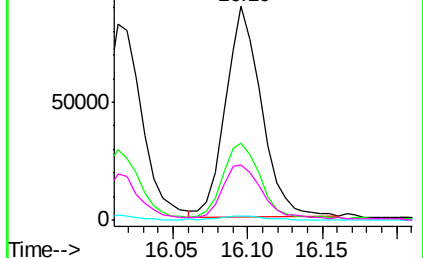


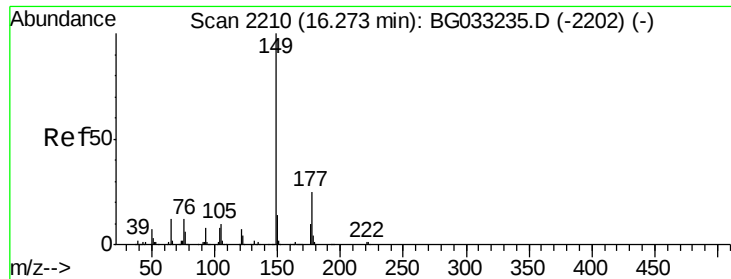
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 47.14 ng

RT: 16.25 min Scan# 2206

Delta R.T. -0.00 min

Lab File: BG033401.D

Acq: 29 Mar 2018 00:37

Instrument :

BNA_G

ClientSampleId :

PB107692BS

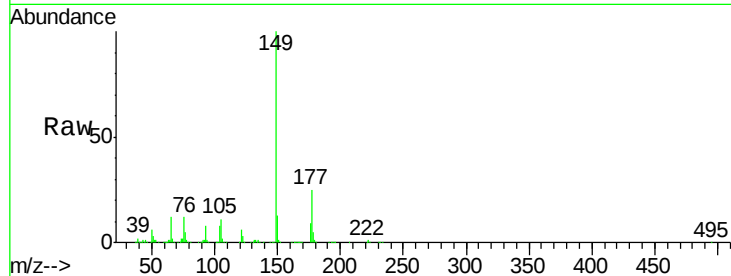
Tgt Ion:149 Resp: 490583

Ion Ratio Lower Upper

149 100

177 24.6 18.5 27.7

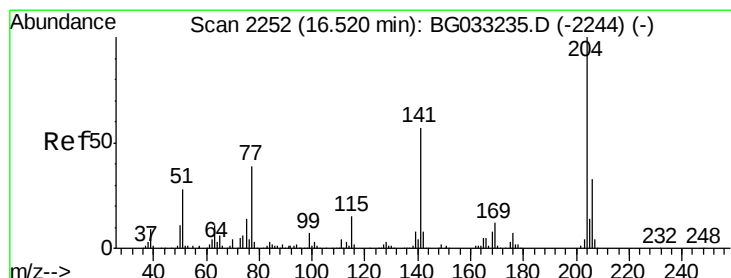
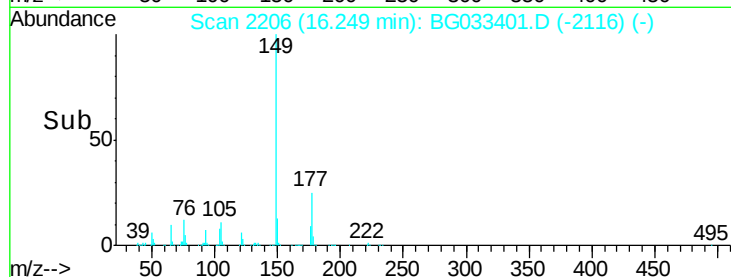
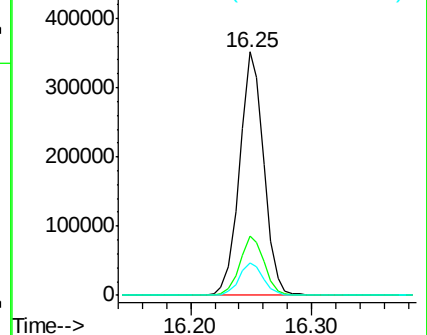
150 13.5 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 46.85 ng

RT: 16.50 min Scan# 2248

Delta R.T. -0.00 min

Lab File: BG033401.D

Acq: 29 Mar 2018 00:37

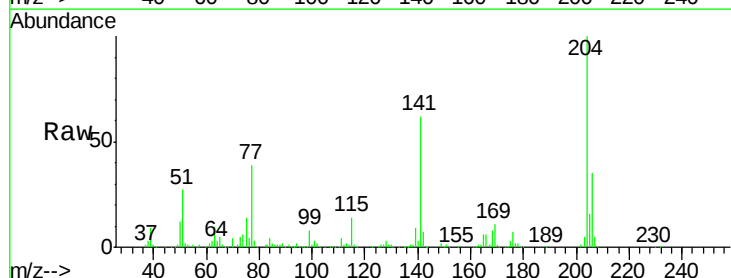
Tgt Ion:204 Resp: 266050

Ion Ratio Lower Upper

204 100

206 35.0 26.2 39.2

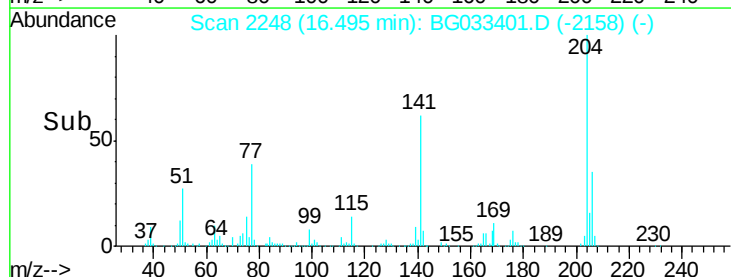
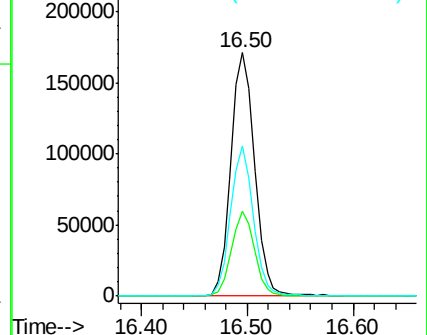
141 61.7 45.8 68.6

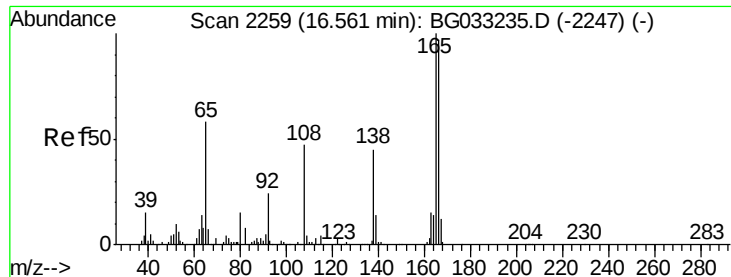


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

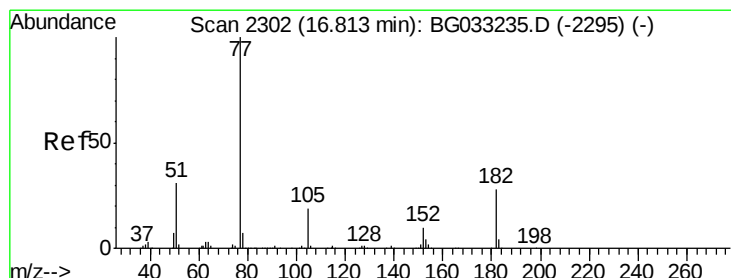
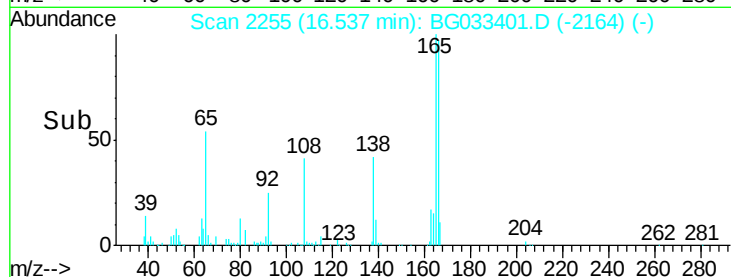
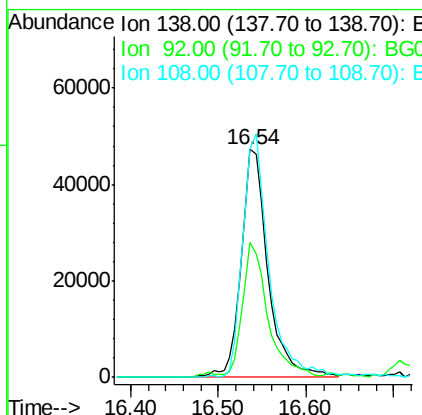
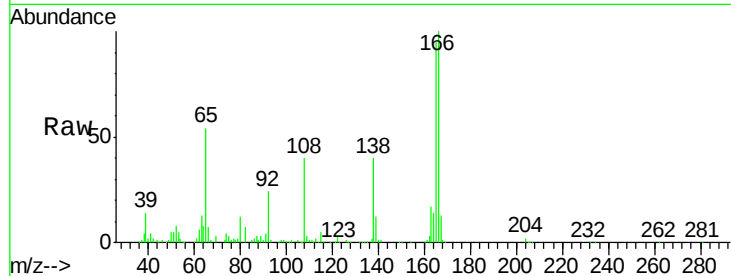




#61
4-Nitroaniline
Concen: 41.88 ng
RT: 16.54 min Scan# 2255
Delta R.T. 0.00 min
Lab File: BG033401.D
Acq: 29 Mar 2018 00:37

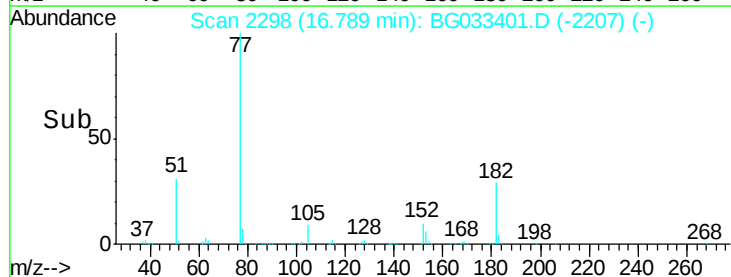
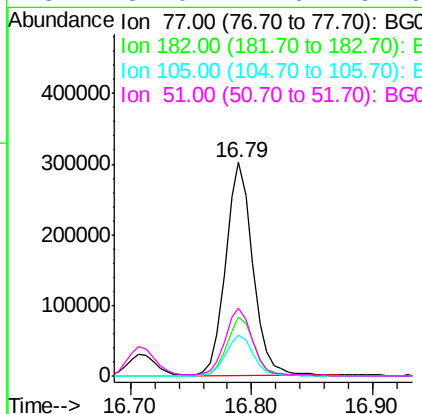
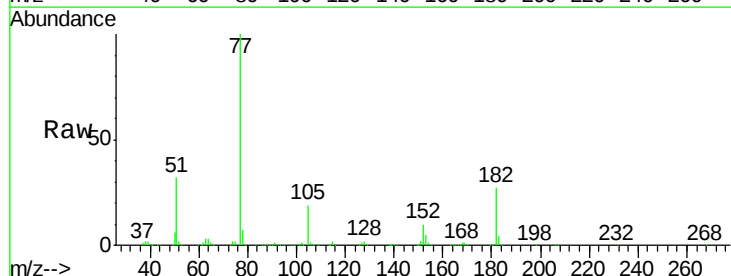
Instrument :
BNA_G
ClientSampleId :
PB107692BS

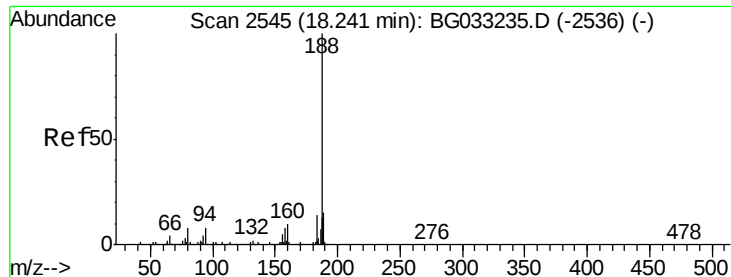
Tgt Ion:138 Resp: 97441
Ion Ratio Lower Upper
138 100
92 59.3 40.1 80.1
108 100.0 65.4 105.4



#62
Azobenzene
Concen: 46.65 ng
RT: 16.79 min Scan# 2298
Delta R.T. 0.00 min
Lab File: BG033401.D
Acq: 29 Mar 2018 00:37

Tgt Ion: 77 Resp: 470305
Ion Ratio Lower Upper
77 100
182 27.5 7.4 47.4
105 19.1 0.3 40.3
51 32.0 11.6 51.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 18.22 min Scan# 2541

Delta R.T. 0.00 min

Lab File: BG033401.D

Acq: 29 Mar 2018 00:37

Instrument :

BNA_G

ClientSampleId :

PB107692BS

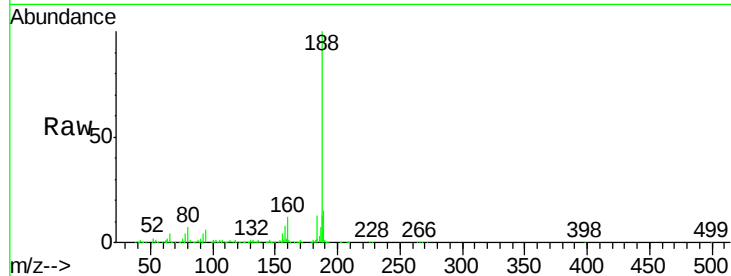
Tgt Ion:188 Resp: 316900

Ion Ratio Lower Upper

188 100

94 5.8 6.9 10.3#

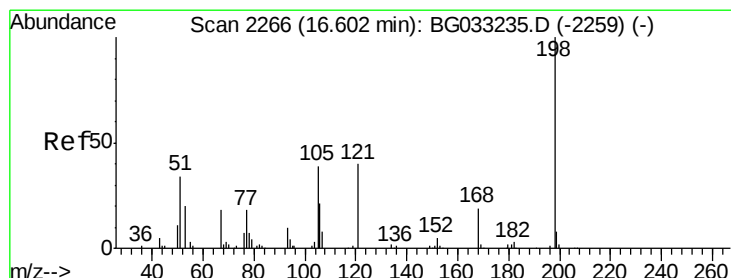
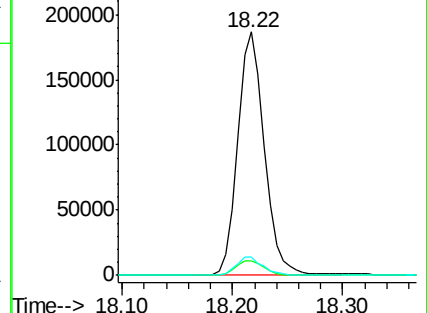
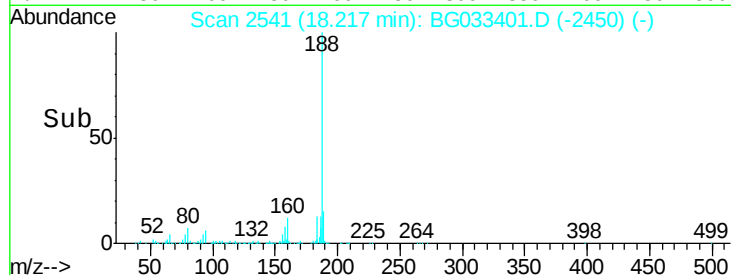
80 7.5 7.7 11.5#



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: 18.87 ng

RT: 16.58 min Scan# 2262

Delta R.T. 0.00 min

Lab File: BG033401.D

Acq: 29 Mar 2018 00:37

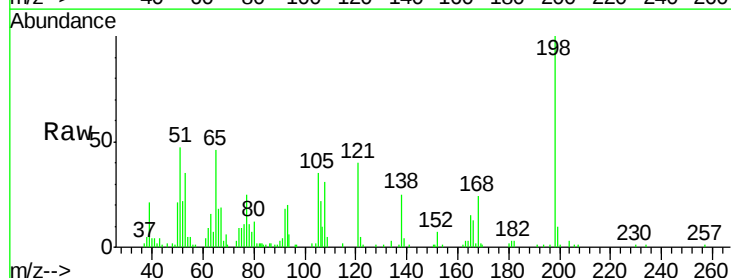
Tgt Ion:198 Resp: 35772

Ion Ratio Lower Upper

198 100

51 47.3 30.6 70.6

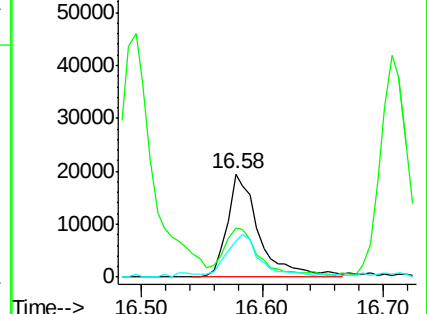
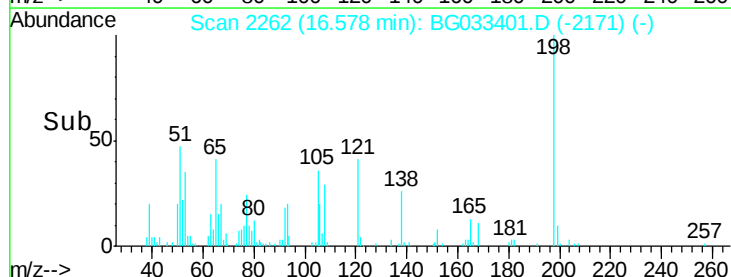
105 34.9 23.8 63.8

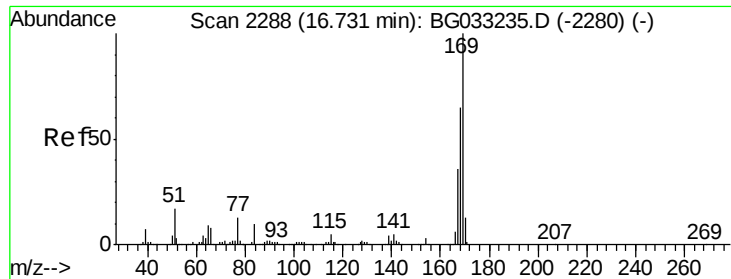


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

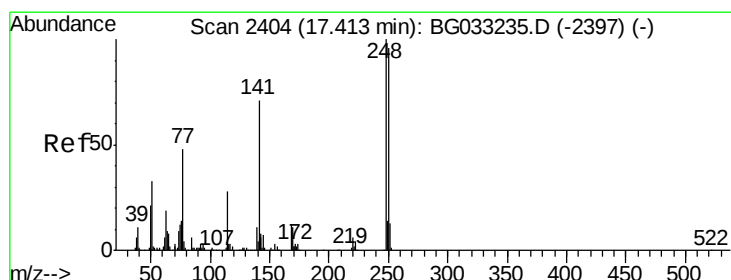
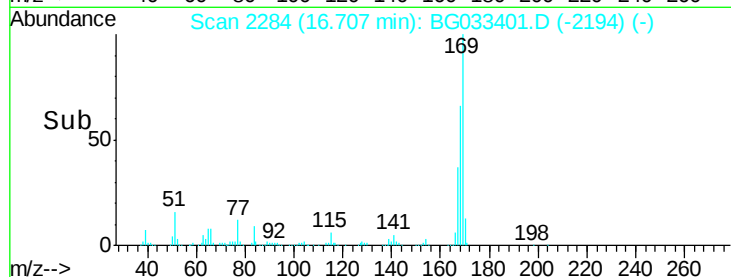
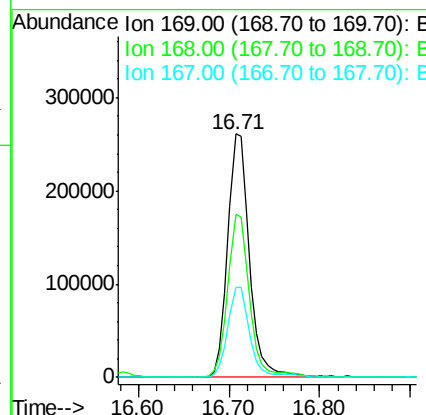
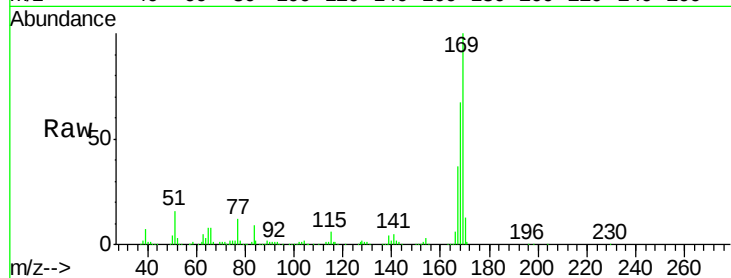




#65
n-Nitrosodiphenylamine
Concen: 48.06 ng
RT: 16.71 min Scan# 2284
Delta R.T. -0.00 min
Lab File: BG033401.D
Acq: 29 Mar 2018 00:37

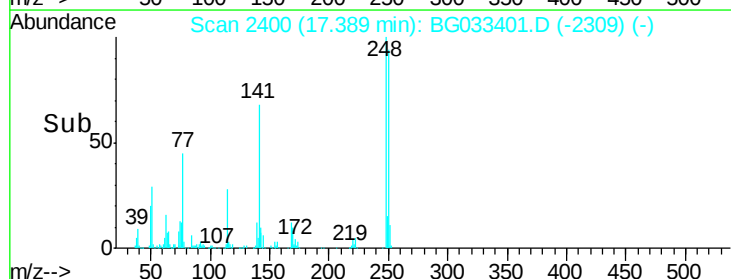
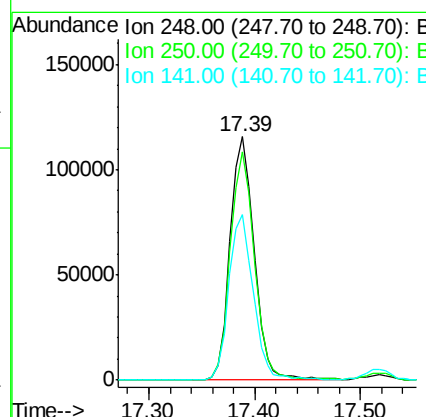
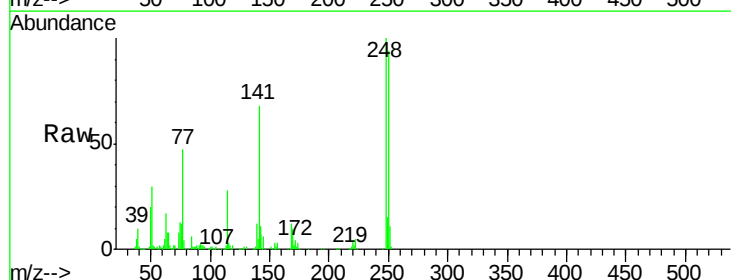
Instrument :
BNA_G
ClientSampleId :
PB107692BS

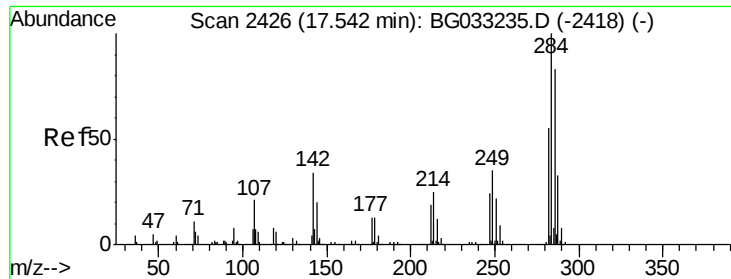
Tgt Ion:169 Resp: 434805
Ion Ratio Lower Upper
169 100
168 66.7 55.7 83.5
167 37.1 30.1 45.1



#66
4-Bromophenyl-phenylether
Concen: 49.23 ng
RT: 17.39 min Scan# 2400
Delta R.T. 0.00 min
Lab File: BG033401.D
Acq: 29 Mar 2018 00:37

Tgt Ion:248 Resp: 183228
Ion Ratio Lower Upper
248 100
250 94.0 77.1 115.7
141 67.8 50.8 76.2





#67

Hexachlorobenzene

Concen: 46.89 ng

RT: 17.52 min Scan# 2422

Delta R.T. -0.00 min

Lab File: BG033401.D

Acq: 29 Mar 2018 00:37

Instrument :

BNA_G

ClientSampleID :

PB107692BS

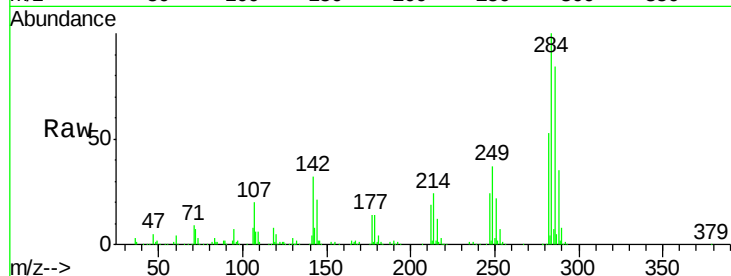
Tgt Ion:284 Resp: 184176

Ion Ratio Lower Upper

284 100

142 32.2 26.8 40.2

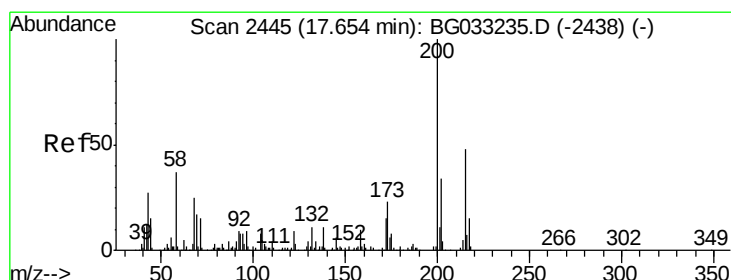
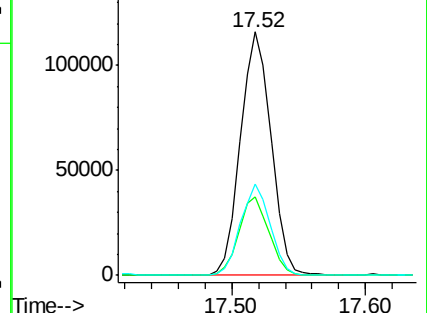
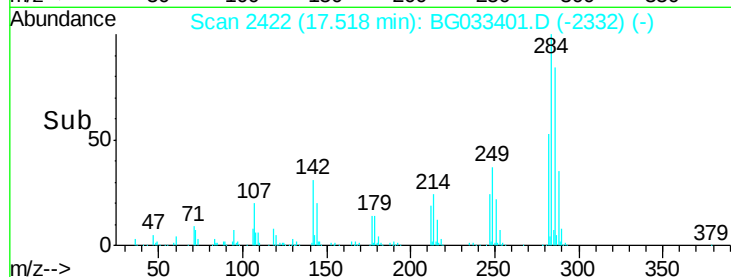
249 37.5 26.3 39.5



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: 48.87 ng

RT: 17.63 min Scan# 2441

Delta R.T. 0.00 min

Lab File: BG033401.D

Acq: 29 Mar 2018 00:37

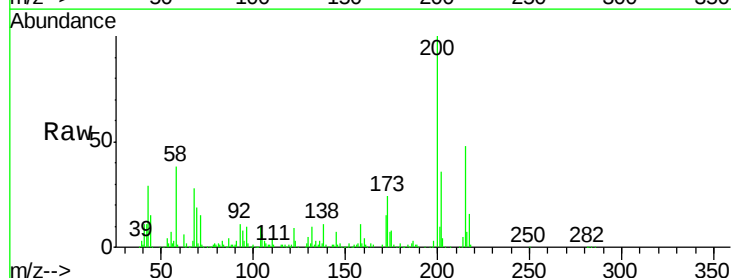
Tgt Ion:200 Resp: 179147

Ion Ratio Lower Upper

200 100

173 23.9 5.2 45.2

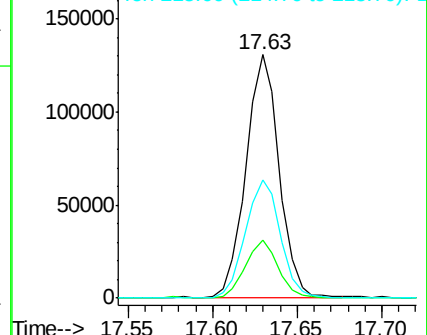
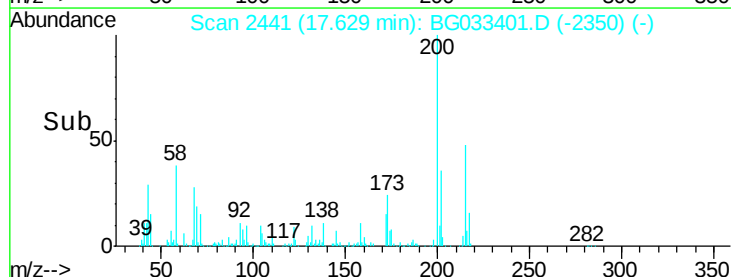
215 48.3 30.4 70.4

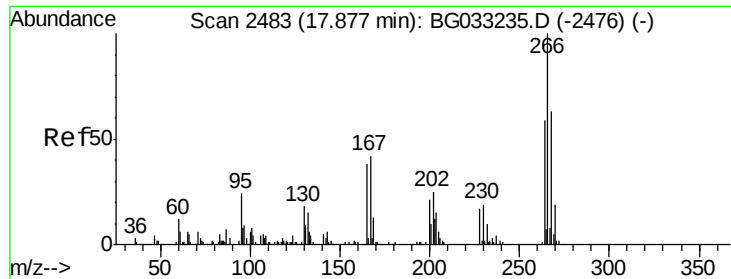


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

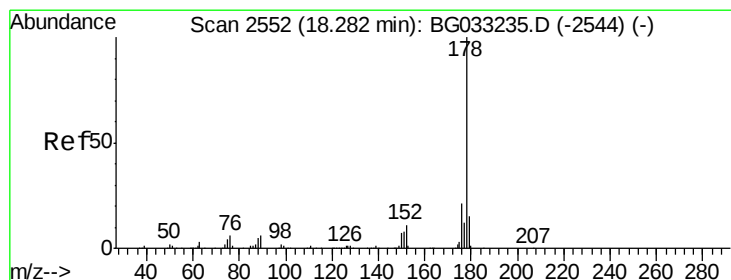
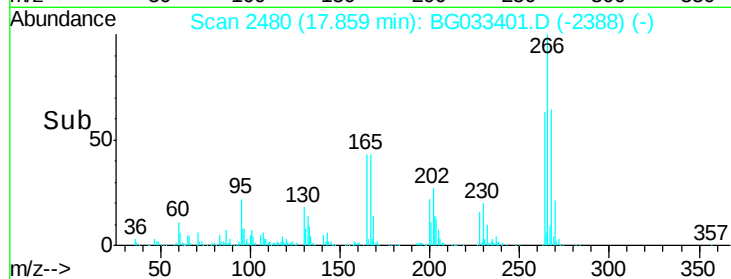
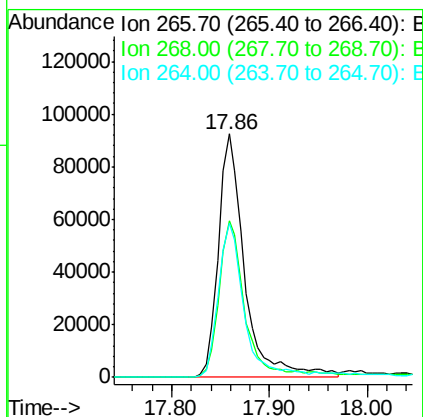
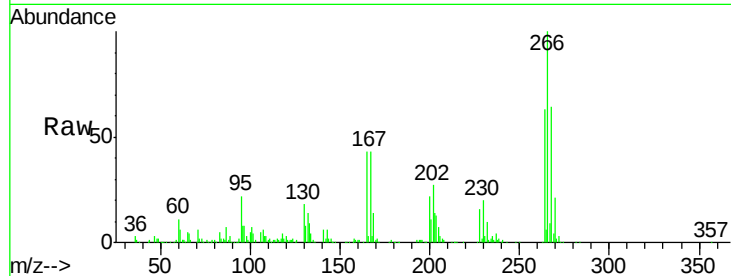




#69
 Pentachlorophenol
 Concen: 64.19 ng
 RT: 17.86 min Scan# 2480
 Delta R.T. 0.01 min
 Lab File: BG033401.D
 Acq: 29 Mar 2018 00:37

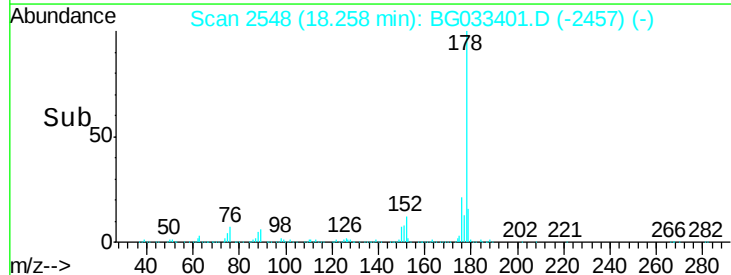
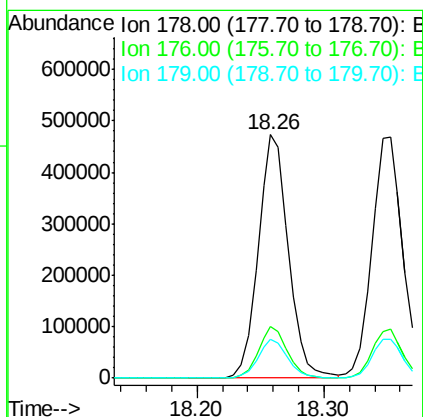
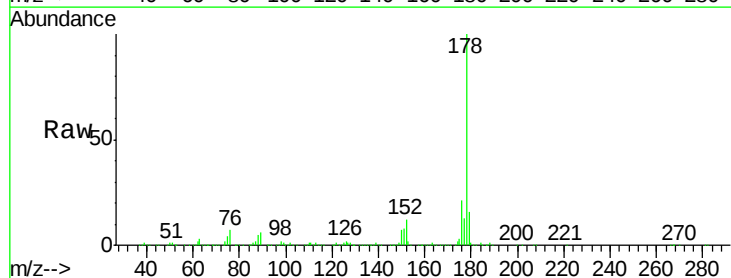
Instrument :
 BNA_G
 ClientSampleId :
 PB107692BS

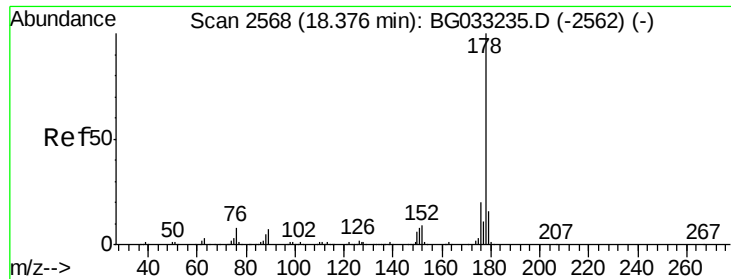
Tgt Ion: 266 Resp: 173056
 Ion Ratio Lower Upper
 266 100
 268 64.1 51.1 76.7
 264 63.2 49.6 74.4



#70
 Phenanthrene
 Concen: 47.33 ng
 RT: 18.26 min Scan# 2548
 Delta R.T. 0.00 min
 Lab File: BG033401.D
 Acq: 29 Mar 2018 00:37

Tgt Ion: 178 Resp: 781192
 Ion Ratio Lower Upper
 178 100
 176 21.0 15.7 23.5
 179 16.0 12.5 18.7

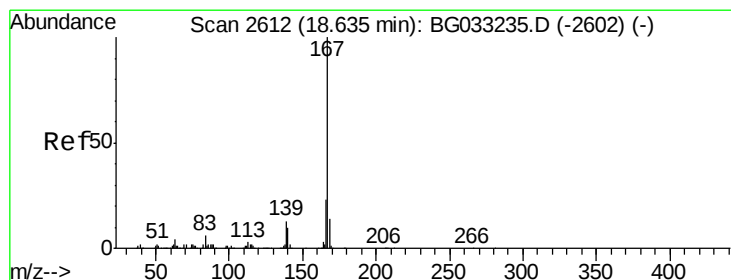
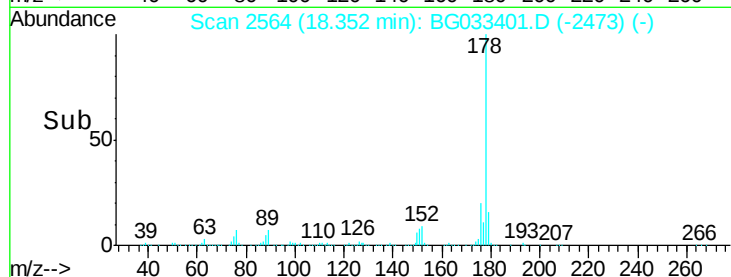
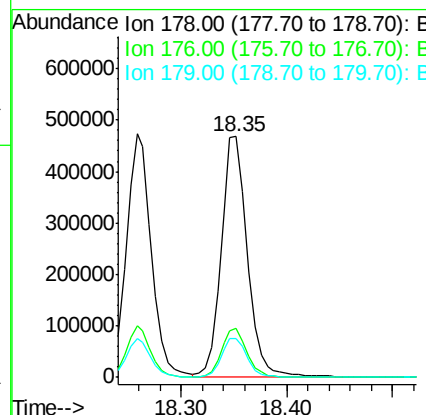
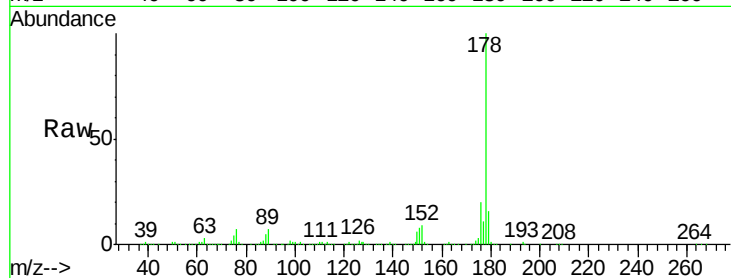




#71
 Anthracene
 Concen: 48.07 ng
 RT: 18.35 min Scan# 2564
 Delta R.T. 0.00 min
 Lab File: BG033401.D
 Acq: 29 Mar 2018 00:37

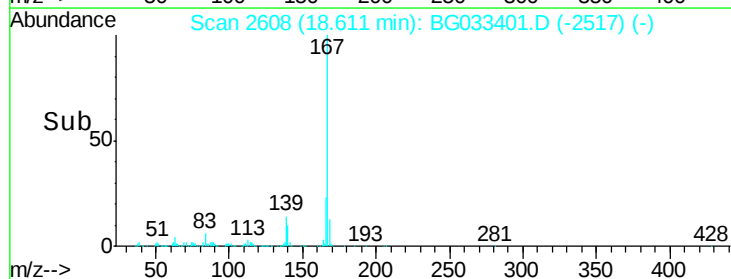
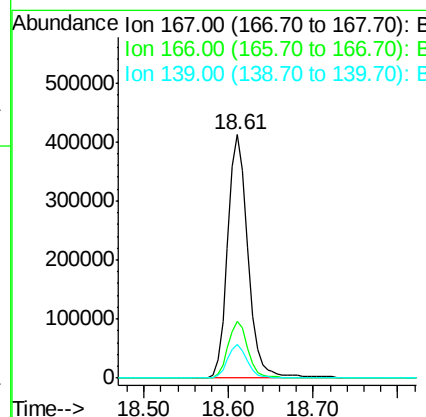
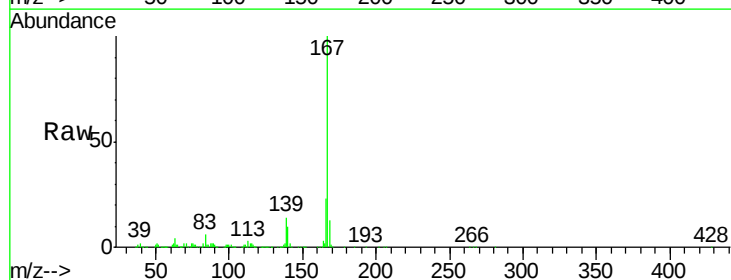
Instrument :
 BNA_G
 ClientSampleId :
 PB107692BS

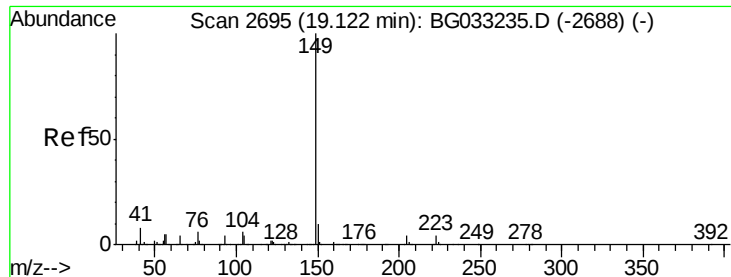
Tgt Ion:178 Resp: 803294
 Ion Ratio Lower Upper
 178 100
 176 20.5 16.0 24.0
 179 16.3 12.5 18.7



#72
 Carbazole
 Concen: 46.35 ng
 RT: 18.61 min Scan# 2608
 Delta R.T. 0.00 min
 Lab File: BG033401.D
 Acq: 29 Mar 2018 00:37

Tgt Ion:167 Resp: 686420
 Ion Ratio Lower Upper
 167 100
 166 23.4 18.2 27.4
 139 13.8 9.4 14.2

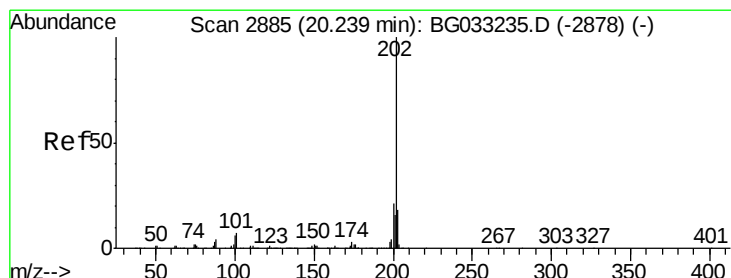
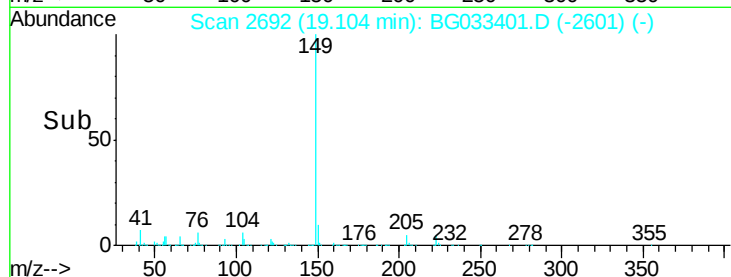
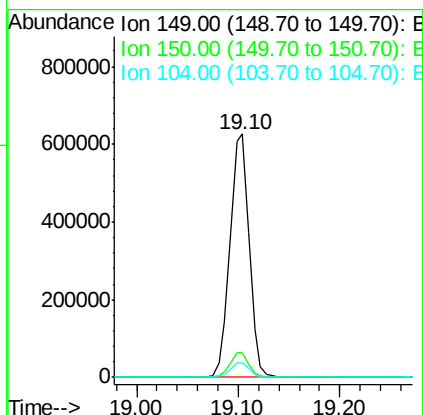
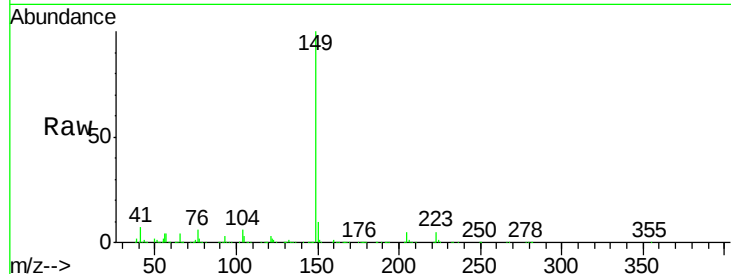




#73
Di-n-butylphthalate
Concen: 47.87 ng
RT: 19.10 min Scan# 2692
Delta R.T. 0.00 min
Lab File: BG033401.D
Acq: 29 Mar 2018 00:37

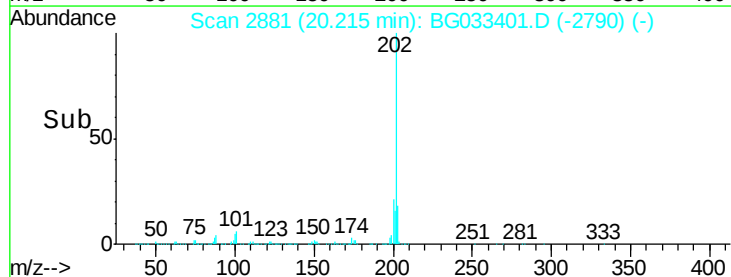
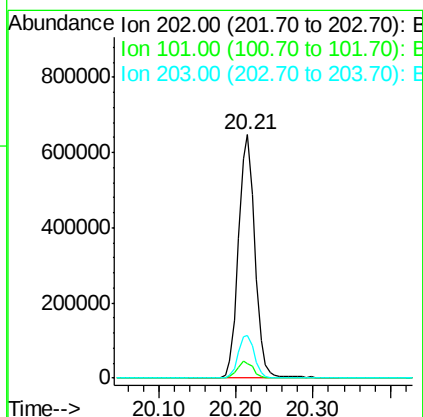
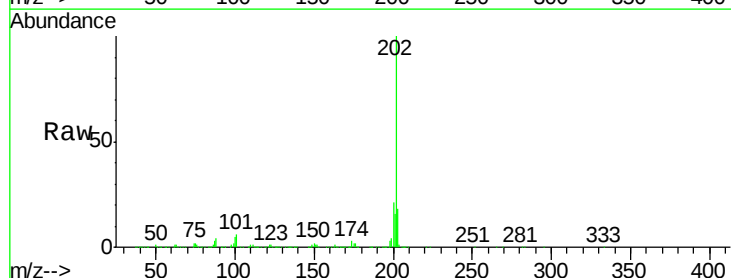
Instrument :
BNA_G
ClientSampleId :
PB107692BS

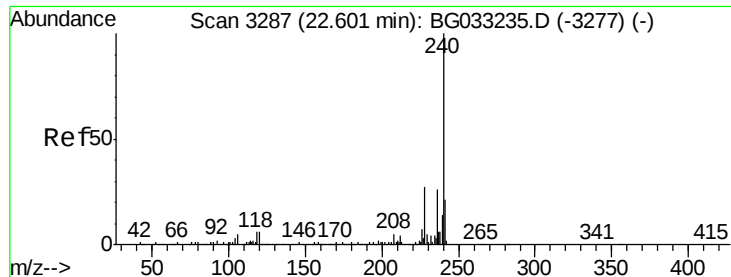
Tgt Ion:149 Resp: 825134
Ion Ratio Lower Upper
149 100
150 9.9 7.8 11.6
104 6.1 3.9 5.9#



#74
Fluoranthene
Concen: 47.69 ng
RT: 20.21 min Scan# 2881
Delta R.T. 0.00 min
Lab File: BG033401.D
Acq: 29 Mar 2018 00:37

Tgt Ion:202 Resp: 974032
Ion Ratio Lower Upper
202 100
101 6.1 0.0 28.9
203 17.8 0.0 37.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.56 min Scan# 3281

Delta R.T. 0.00 min

Lab File: BG033401.D

Acq: 29 Mar 2018 00:37

Instrument :

BNA_G

ClientSampleId :

PB107692BS

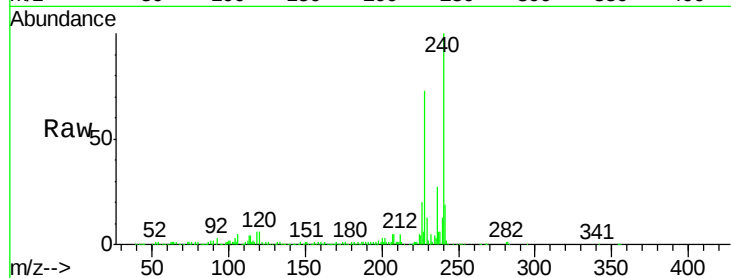
Tgt Ion:240 Resp: 331729

Ion Ratio Lower Upper

240 100

120 6.5 6.8 10.2#

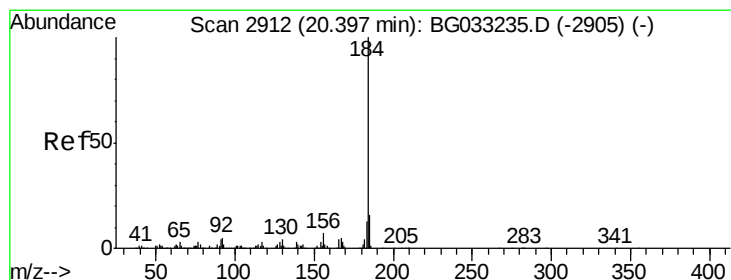
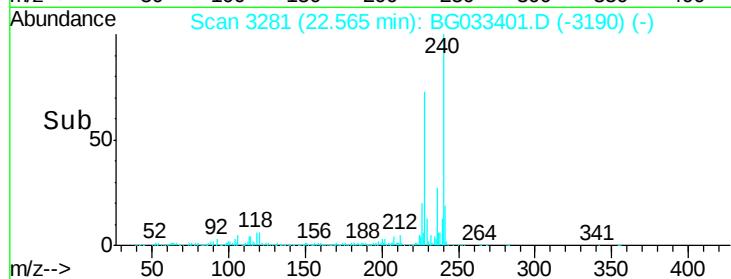
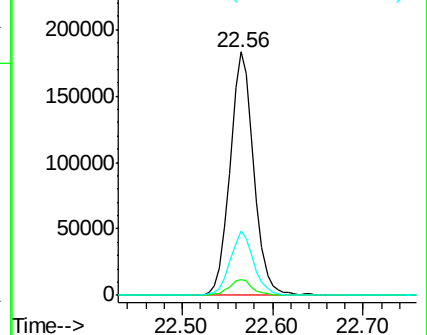
236 26.7 20.9 31.3



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: 18.26 ng

RT: 20.37 min Scan# 2908

Delta R.T. 0.00 min

Lab File: BG033401.D

Acq: 29 Mar 2018 00:37

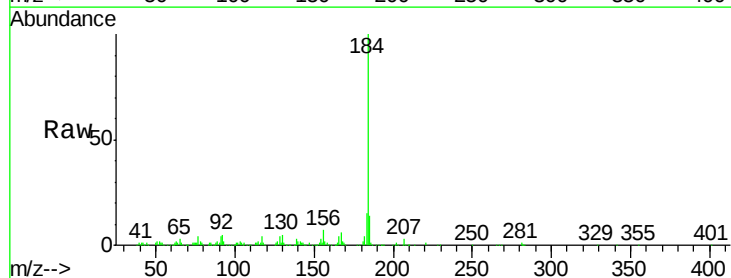
Tgt Ion:184 Resp: 164265

Ion Ratio Lower Upper

184 100

185 14.5 11.1 16.7

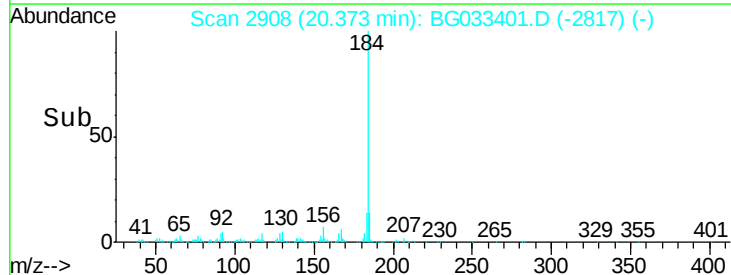
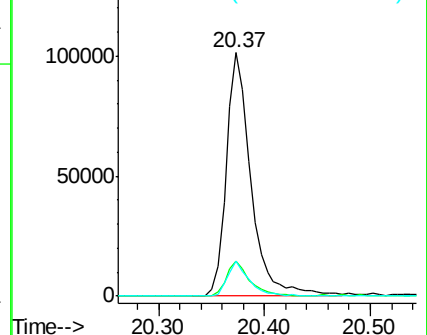
183 14.5 10.6 16.0

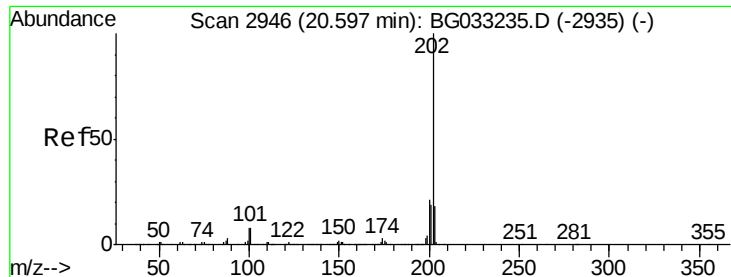


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

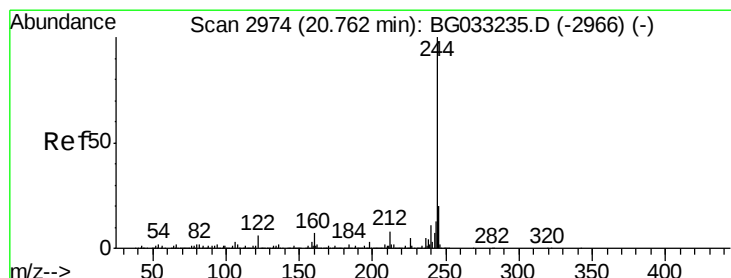
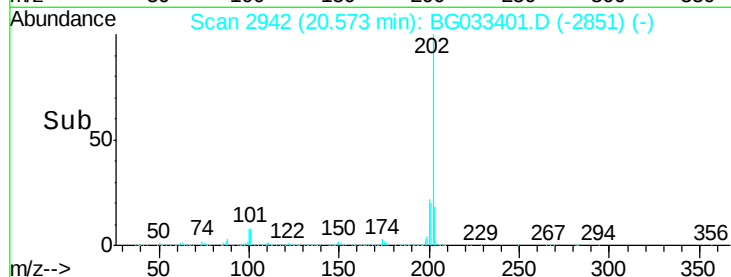
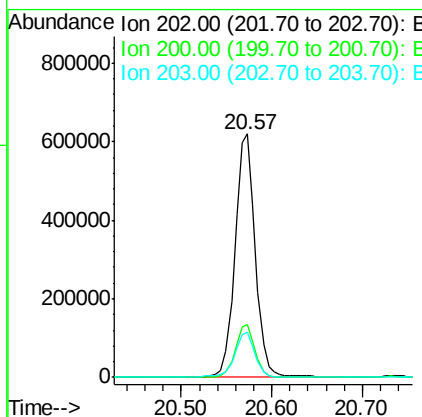
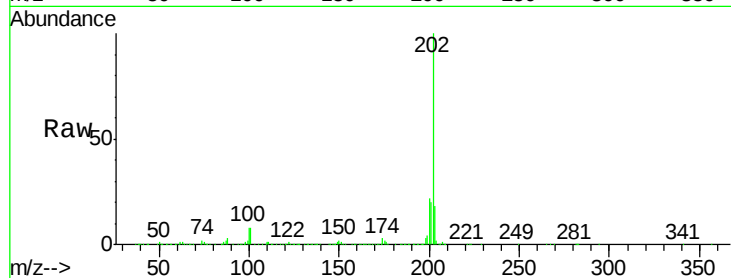




#77
 Pyrene
 Concen: 43.44 ng
 RT: 20.57 min Scan# 2942
 Delta R.T. 0.00 min
 Lab File: BG033401.D
 Acq: 29 Mar 2018 00:37

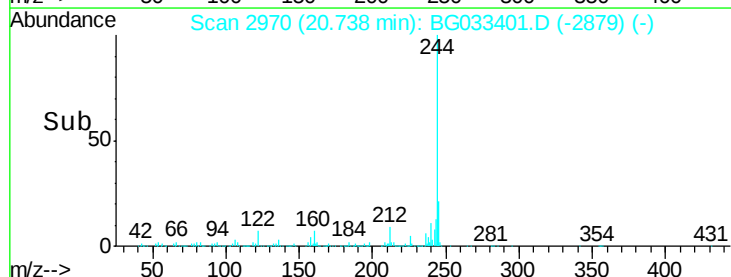
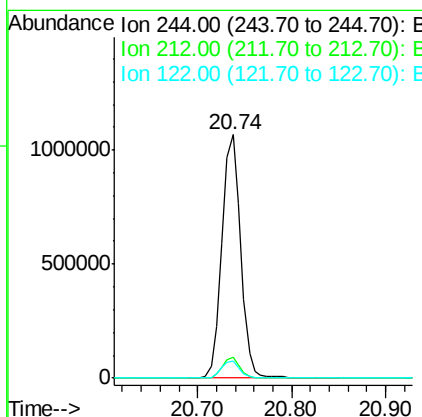
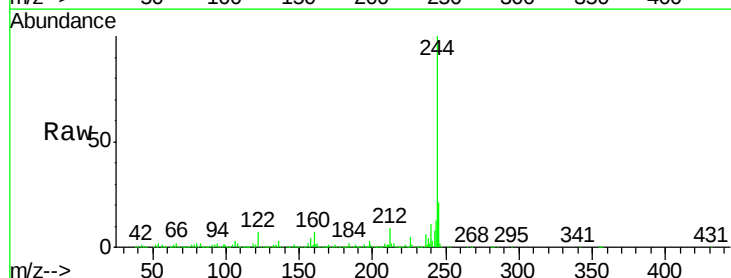
Instrument :
 BNA_G
 ClientSampleId :
 PB107692BS

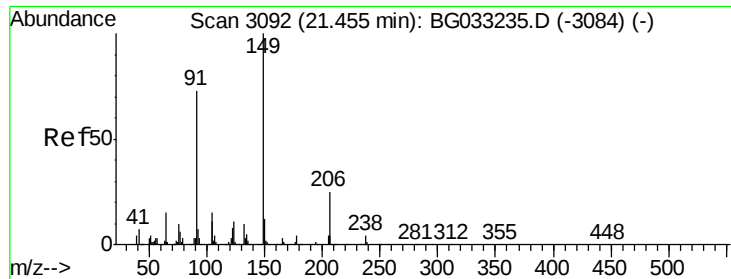
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.6	16.9	25.3
203	18.5	13.9	20.9



#78
 Terphenyl-d14
 Concen: 96.18 ng
 RT: 20.74 min Scan# 2970
 Delta R.T. 0.00 min
 Lab File: BG033401.D
 Acq: 29 Mar 2018 00:37

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.8	5.8	8.8#
122	7.2	7.0	10.4





#79

Butylbenzylphthalate

Concen: 46.10 ng

RT: 21.42 min Scan# 3087

Delta R.T. -0.00 min

Lab File: BG033401.D

Acq: 29 Mar 2018 00:37

Instrument :

BNA_G

ClientSampleId :

PB107692BS

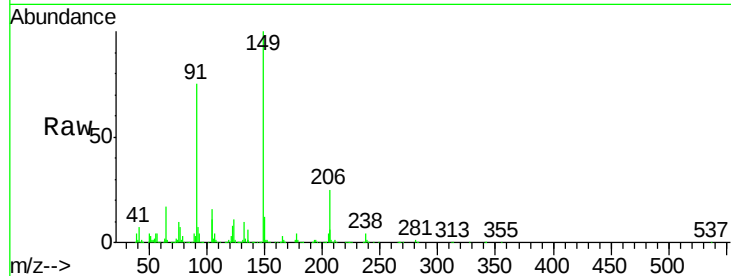
Tgt Ion:149 Resp: 376356

Ion Ratio Lower Upper

149 100

91 75.4 62.2 93.2

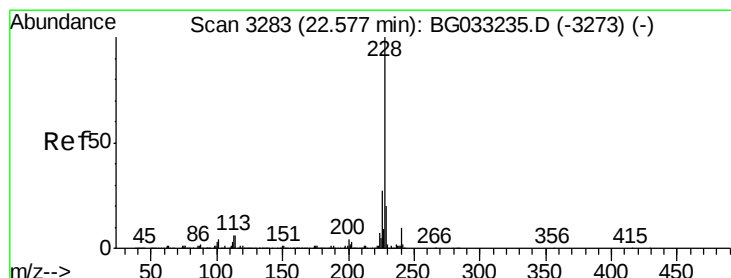
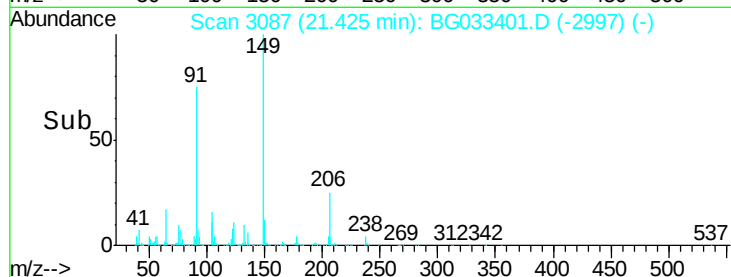
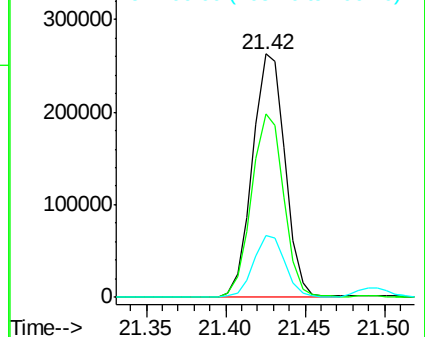
206 25.3 18.6 27.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 46.49 ng

RT: 22.55 min Scan# 3278

Delta R.T. 0.00 min

Lab File: BG033401.D

Acq: 29 Mar 2018 00:37

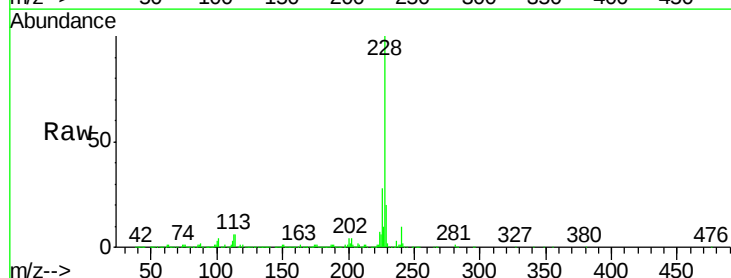
Tgt Ion:228 Resp: 982004

Ion Ratio Lower Upper

228 100

226 27.7 22.7 34.1

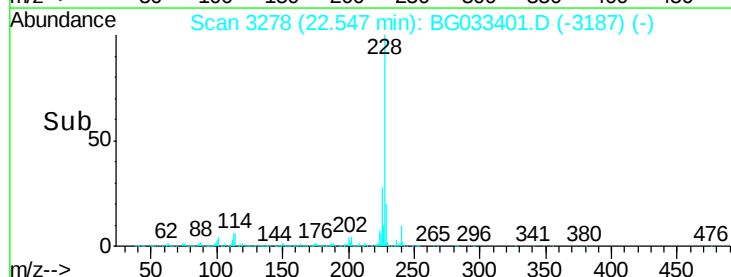
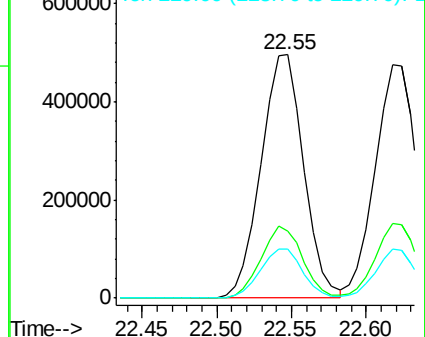
229 20.0 16.2 24.2

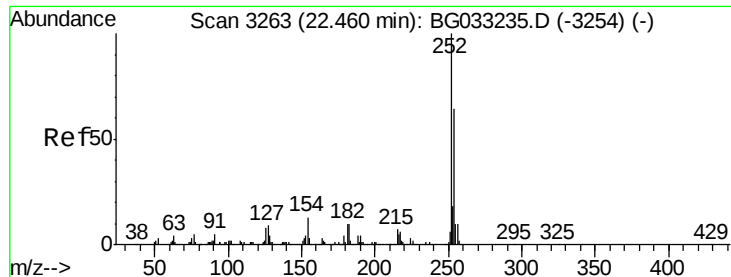


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

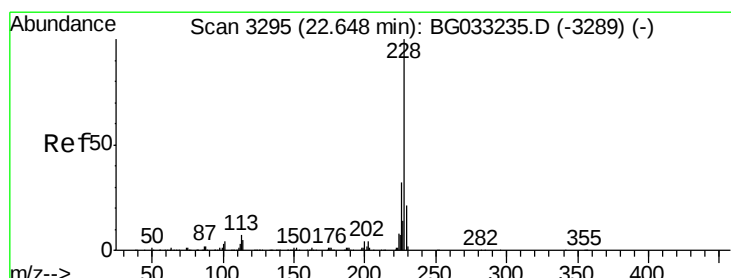
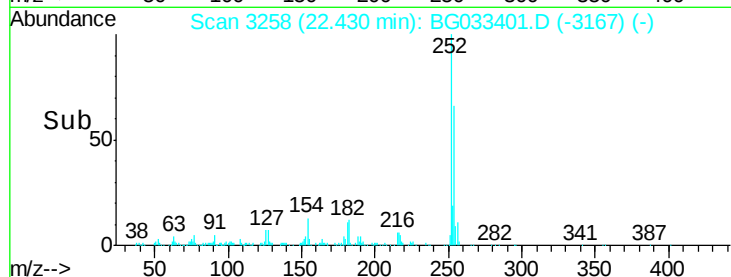
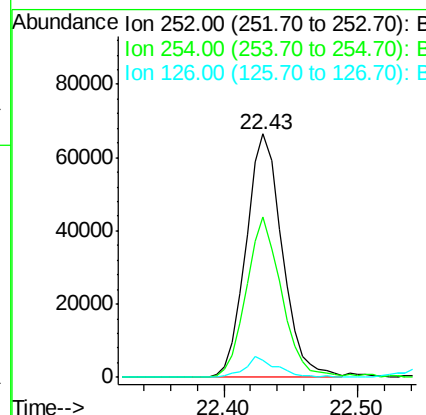
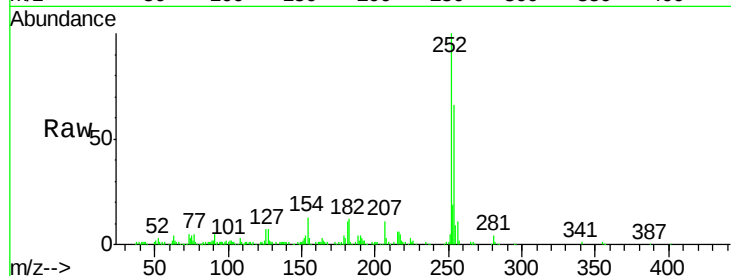




#81
 3,3'-Dichlorobenzidine
 Concen: 16.55 ng
 RT: 22.43 min Scan# 3258
 Delta R.T. 0.00 min
 Lab File: BG033401.D
 Acq: 29 Mar 2018 00:37

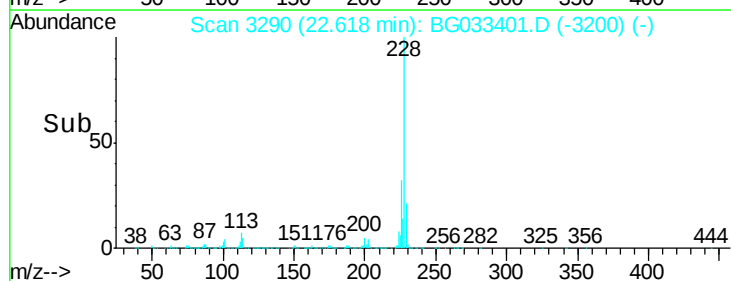
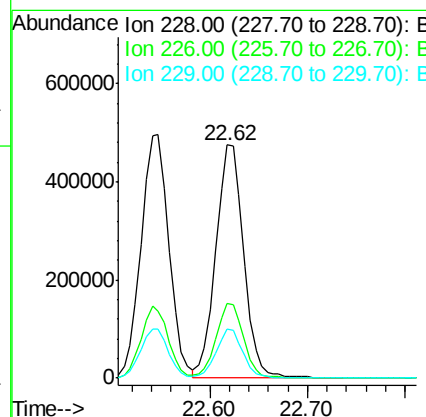
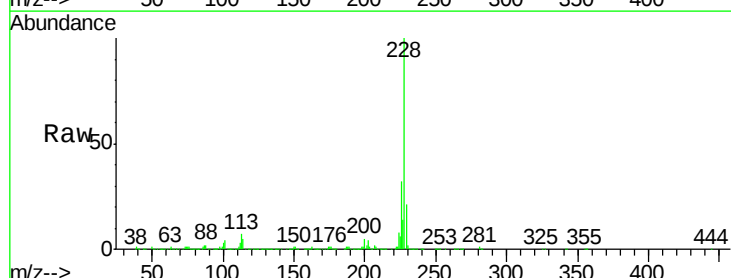
Instrument :
 BNA_G
 ClientSampleId :
 PB107692BS

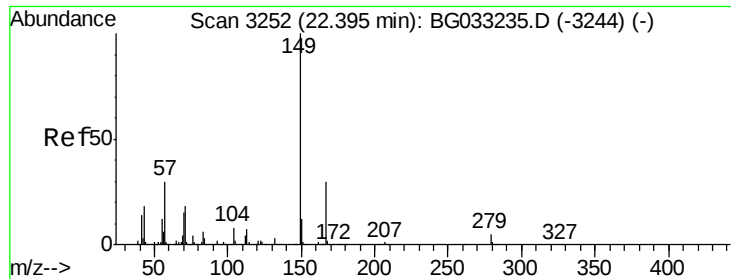
Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.9	50.8	76.2
126	6.8	7.4	11.2#



#82
 Chrysene
 Concen: 45.83 ng
 RT: 22.62 min Scan# 3290
 Delta R.T. -0.00 min
 Lab File: BG033401.D
 Acq: 29 Mar 2018 00:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.0	24.9	37.3
229	21.3	15.0	22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.08 ng

RT: 22.37 min Scan# 3247

Delta R.T. 0.00 min

Lab File: BG033401.D

Acq: 29 Mar 2018 00:37

Instrument :

BNA_G

ClientSampleId :

PB107692BS

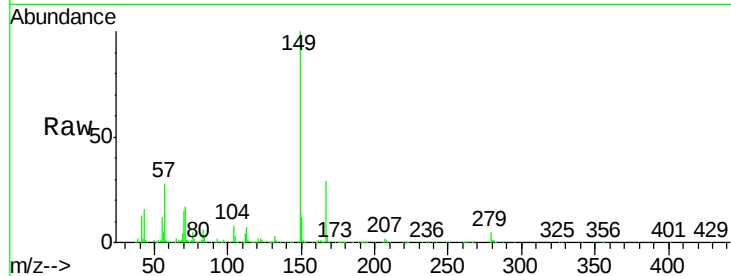
Tgt Ion:149 Resp: 529919

Ion Ratio Lower Upper

149 100

167 28.6 24.3 36.5

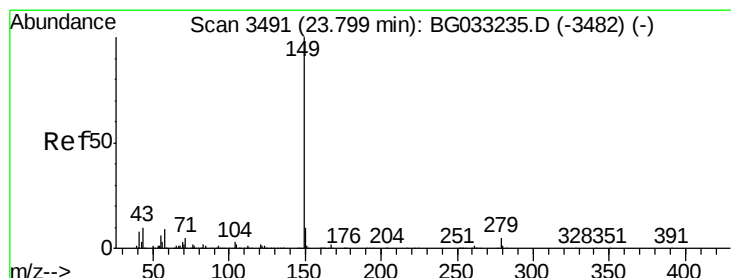
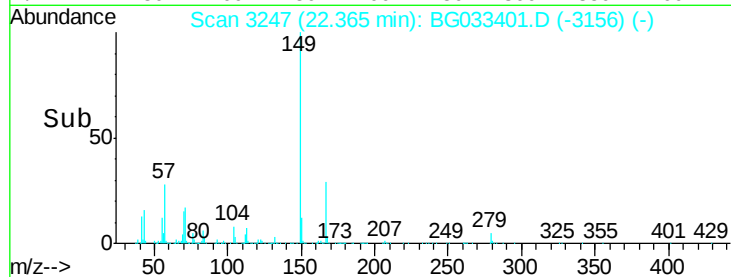
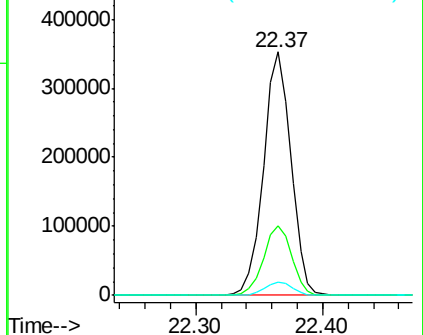
279 5.2 4.0 6.0



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: 53.69 ng

RT: 23.76 min Scan# 3485

Delta R.T. 0.00 min

Lab File: BG033401.D

Acq: 29 Mar 2018 00:37

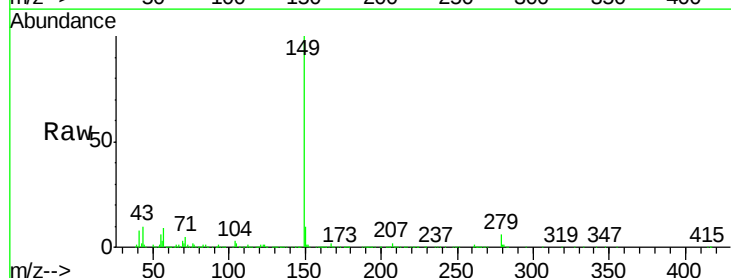
Tgt Ion:149 Resp: 925272

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.0

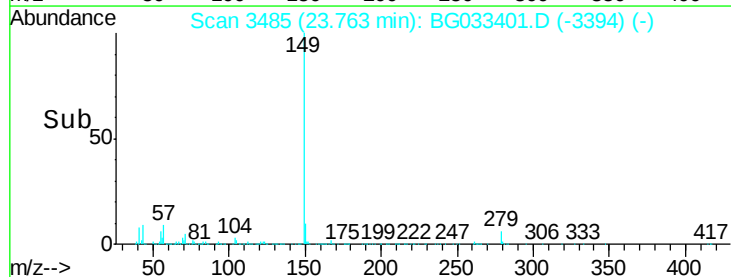
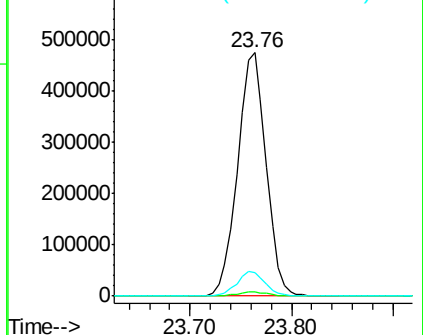
43 9.9 8.9 13.3

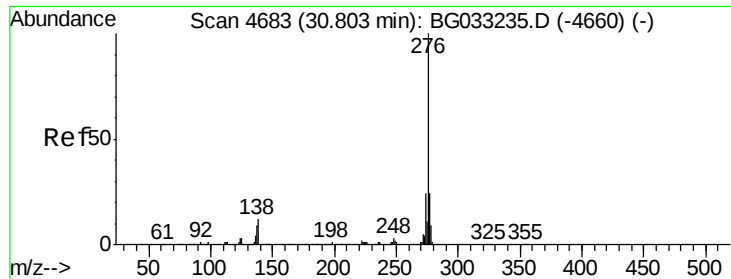


Abundance Ion 149.00 (148.70 to 149.70): E

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: 51.38 ng

RT: 30.71 min Scan# 4668

Delta R.T. -0.00 min

Lab File: BG033401.D

Acq: 29 Mar 2018 00:37

Instrument :

BNA_G

ClientSampleId :

PB107692BS

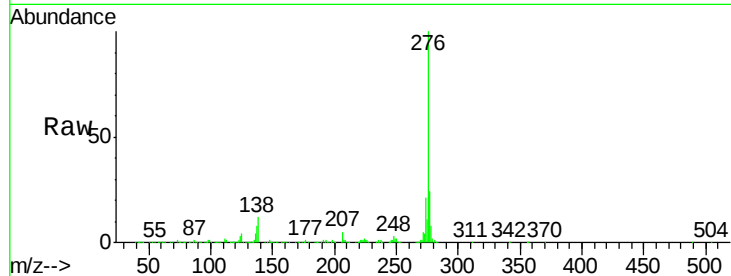
Tgt Ion:276 Resp: 1135816

Ion Ratio Lower Upper

276 100

138 8.3 16.0 24.0#

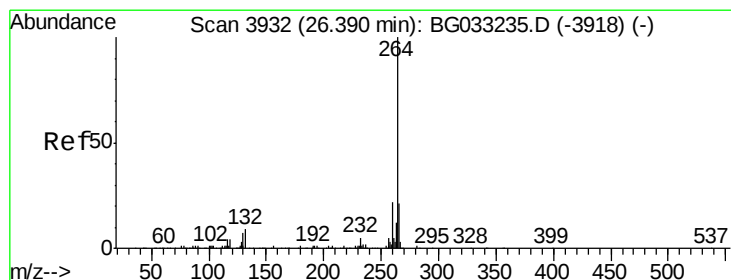
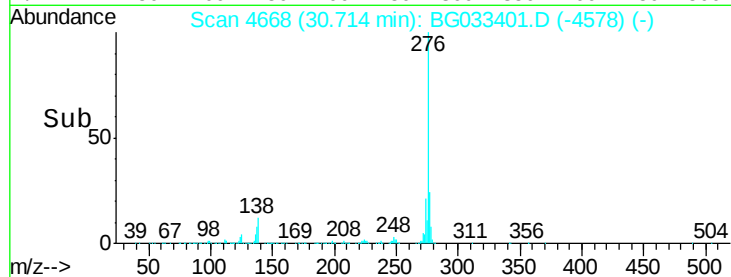
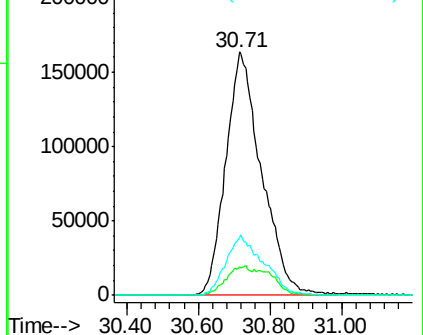
277 25.8 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 26.34 min Scan# 3923

Delta R.T. 0.00 min

Lab File: BG033401.D

Acq: 29 Mar 2018 00:37

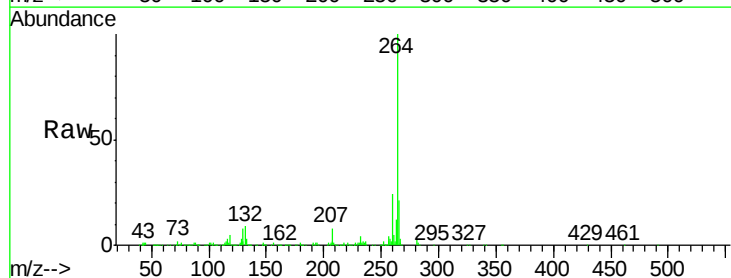
Tgt Ion:264 Resp: 366776

Ion Ratio Lower Upper

264 100

260 23.8 17.4 26.0

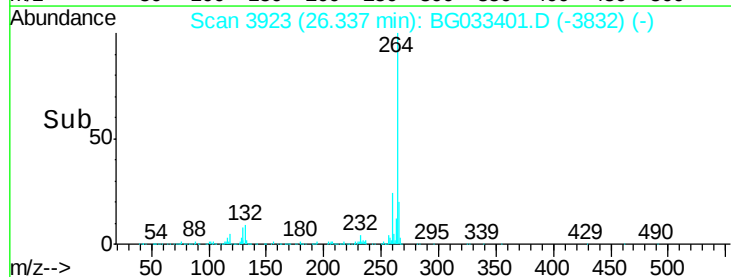
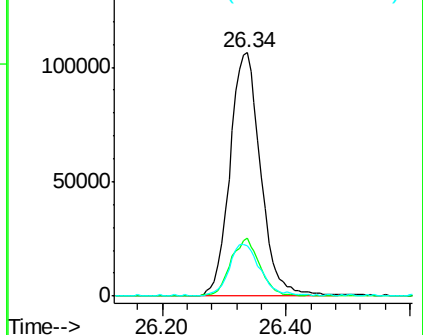
265 20.9 17.7 26.5

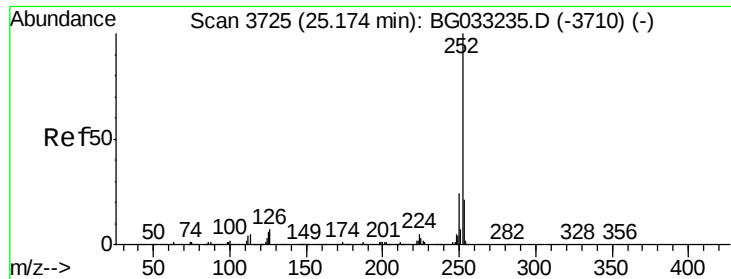


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 46.46 ng

RT: 25.12 min Scan# 3716

Delta R.T. 0.00 min

Lab File: BG033401.D

Acq: 29 Mar 2018 00:37

Instrument :

BNA_G

ClientSampleId :

PB107692BS

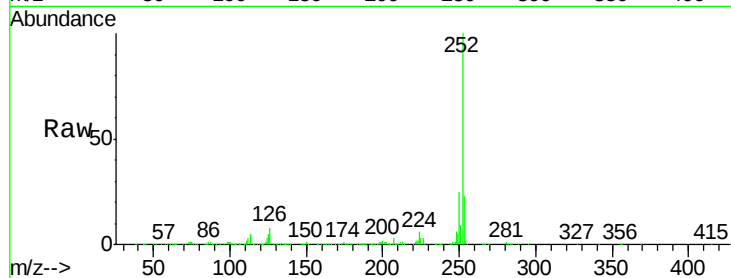
Tgt Ion:252 Resp: 984468

Ion Ratio Lower Upper

252 100

253 22.8 18.2 27.4

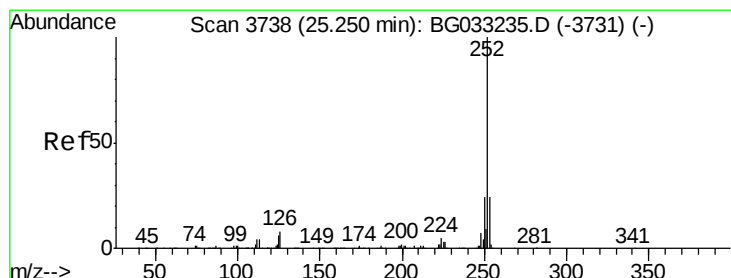
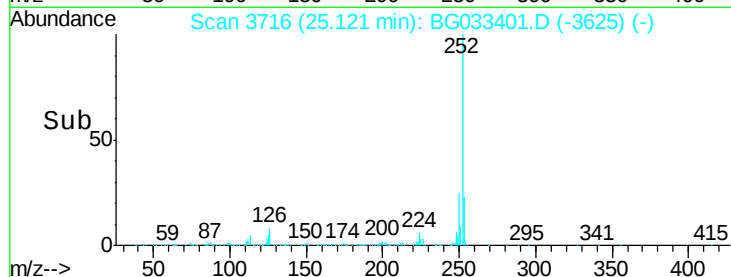
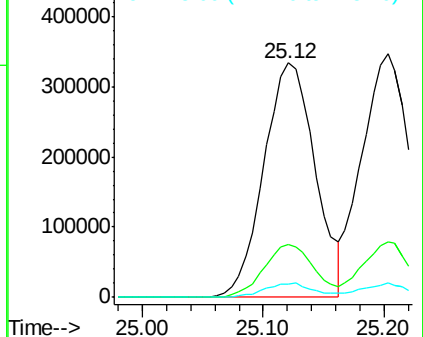
125 5.4 7.2 10.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 46.09 ng

RT: 25.20 min Scan# 3730

Delta R.T. 0.00 min

Lab File: BG033401.D

Acq: 29 Mar 2018 00:37

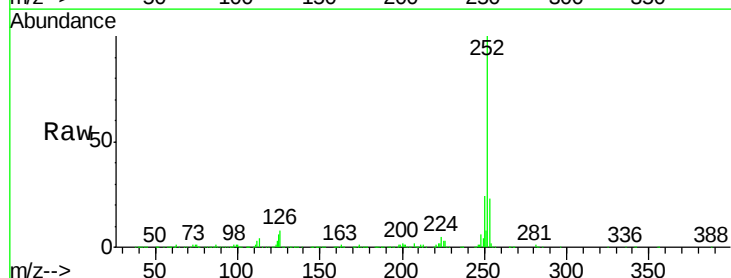
Tgt Ion:252 Resp: 987720

Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.2

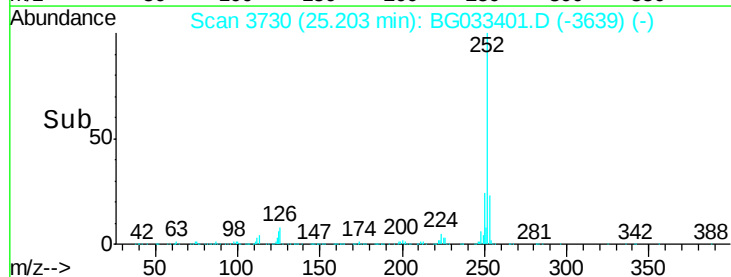
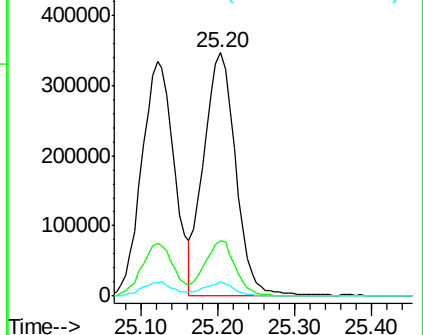
125 5.7 6.6 9.8#

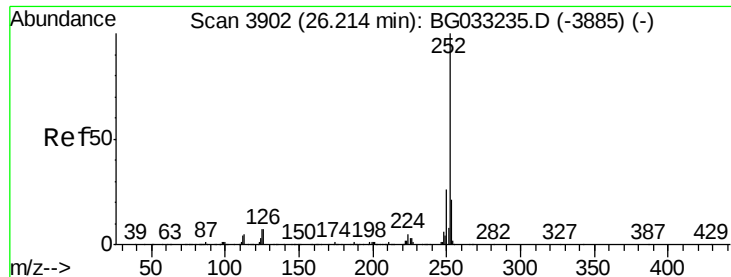


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 48.11 ng

RT: 26.15 min Scan# 3892

Delta R.T. 0.00 min

Lab File: BG033401.D

Acq: 29 Mar 2018 00:37

Instrument :

BNA_G

ClientSampleId :

PB107692BS

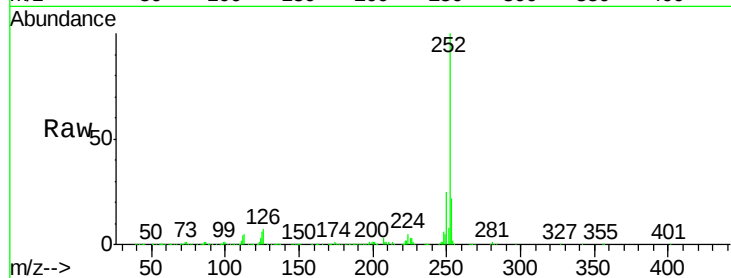
Tgt Ion:252 Resp: 979117

Ion Ratio Lower Upper

252 100

253 22.1 18.3 27.5

125 6.5 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

300000

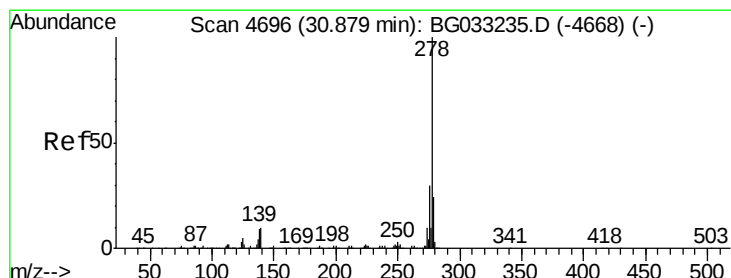
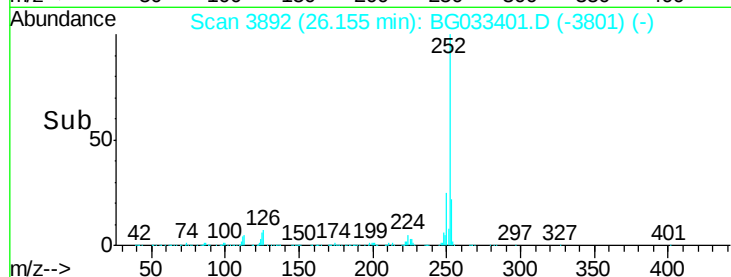
200000

100000

0

26.15

Time-->



#90

Dibenzo(a,h)anthracene

Concen: 49.21 ng

RT: 30.79 min Scan# 4681

Delta R.T. 0.01 min

Lab File: BG033401.D

Acq: 29 Mar 2018 00:37

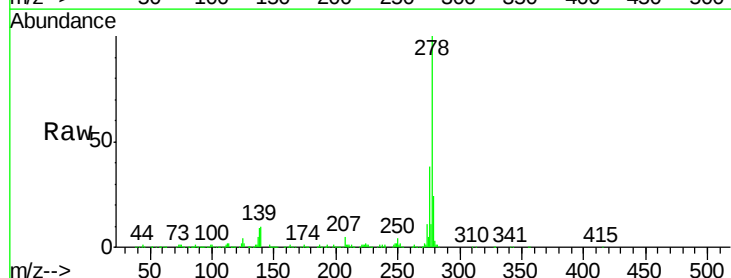
Tgt Ion:278 Resp: 943371

Ion Ratio Lower Upper

278 100

139 10.2 9.8 14.6

279 24.4 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

250000

200000

150000

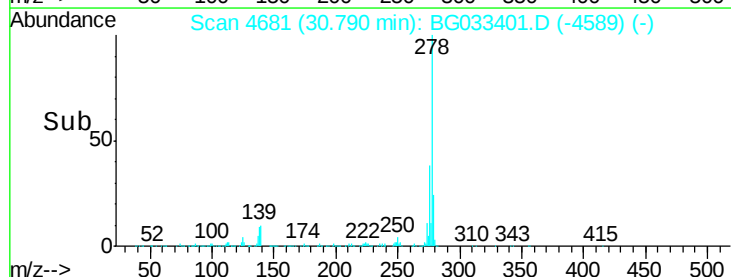
100000

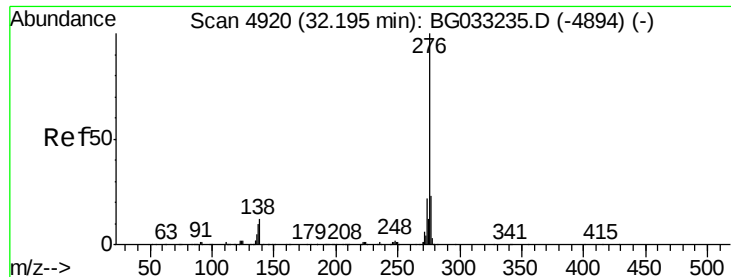
50000

0

30.79

Time-->





#91
 Benzo(g,h,i)perylene
 Concen: 48.91 ng
 RT: 32.10 min Scan# 4904
 Delta R.T. 0.01 min
 Lab File: BG033401.D
 Acq: 29 Mar 2018 00:37

Instrument :
 BNA_G
 ClientSampleId :
 PB107692BS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.3	27.5
138	12.3	13.9	20.9

