

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG040218\
 Data File : BG033481.D
 Acq On : 2 Apr 2018 11:16
 Operator : SJ/JU
 Sample : PB107734BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 03 03:56:05 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	38366	20.00	ng	-0.02
21) Naphthalene-d8	11.75	136	170617	20.00	ng	-0.01
38) Acenaphthene-d10	15.48	164	127931	20.00	ng	0.00
63) Phenanthrene-d10	18.22	188	330455	20.00	ng	0.00
75) Chrysene-d12	22.56	240	340981	20.00	ng	0.00
86) Perylene-d12	26.32	264	374078	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	6.29	112	350454	171.28	ng	0.00
7) Phenol-d6	7.98	99	536744	152.68	ng	0.00
23) Nitrobenzene-d5	10.07	82	337498	90.88	ng	-0.01
41) 2,4,6-Tribromophenol	16.96	330	259015	135.37	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	818260	92.34	ng	0.00
78) Terphenyl-d14	20.73	244	1467841	92.06	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.92	88	40091	38.584	ng	86
3) Pyridine	4.38	79	112670	39.226	ng	98
4) n-Nitrosodimethylamine	4.29	42	57936	49.150	ng	# 89
6) Aniline	8.16	93	92782	22.442	ng	98
8) 2-Chlorophenol	8.42	128	124871	53.385	ng	94
9) Benzaldehyde	7.96	77	56935	25.484	ng	92
10) Phenol	8.01	94	177959	51.271	ng	86
11) bis(2-Chloroethyl)ether	8.24	93	117257	41.388	ng	99
12) 1,3-Dichlorobenzene	8.90	146	123245	40.301	ng	97
13) 1,4-Dichlorobenzene	8.90	146	123245	40.241	ng	93
14) 1,2-Dichlorobenzene	9.23	146	126459	42.306	ng	98
15) Benzyl Alcohol	9.10	79	131828	47.627	ng	87
16) 2,2'-oxybis(1-Chloropropan	9.38	45	202314	43.805	ng	86
17) 2-Methylphenol	9.64	107	160734	67.978	ng	85
18) Hexachloroethane	9.98	117	50497	42.720	ng	97
19) n-Nitroso-di-n-propylamine	9.67	70	111054	43.110	ng	99
20) 3+4-Methylphenols	9.64	107	160734	47.744	ng	91
22) Acetophenone	9.71	105	204229	43.692	ng	# 95
24) Nitrobenzene	10.11	77	172550	43.410	ng	94
25) Isophorone	10.62	82	328687	45.603	ng	98
26) 2-Nitrophenol	10.84	139	68719	45.664	ng	# 93
27) 2,4-Dimethylphenol	10.87	122	123050	56.287	ng	89
28) bis(2-Chloroethoxy)methane	11.11	93	171915	47.805	ng	97
29) 2,4-Dichlorophenol	11.38	162	137469	51.132	ng	98
30) 1,2,4-Trichlorobenzene	11.60	180	145475	41.647	ng	97
31) Naphthalene	11.80	128	381627	43.164	ng	98
32) Benzoic acid	11.00	122	47154	23.203	ng	# 86
33) 4-Chloroaniline	11.90	127	78681	19.863	ng	98
34) Hexachlorobutadiene	12.06	225	102143	38.668	ng	93
35) Caprolactam	12.65	113	50709	48.145	ng	98
36) 4-Chloro-3-methylphenol	12.97	107	169878	48.446	ng	95
37) 2-Methylnaphthalene	13.35	142	300729	43.822	ng	91
39) 1,2,4,5-Tetrachlorobenzene	13.70	216	194966	42.073	ng	99
40) Hexachlorocyclopentadiene	13.67	237	249663	91.904	ng	91

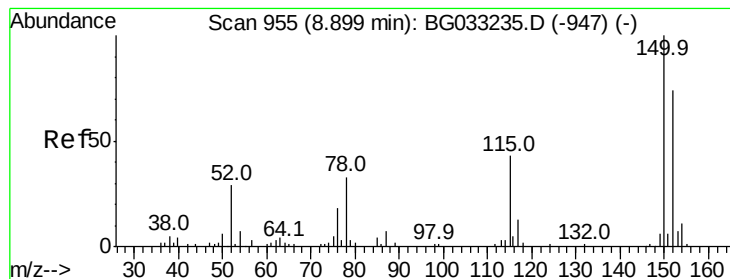
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG040218\
 Data File : BG033481.D
 Acq On : 2 Apr 2018 11:16
 Operator : SJ/JU
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.93	196	124393	46.202	ng	93
43) 2,4,5-Trichlorophenol	14.01	196	142385	44.742	ng	98
45) 1,1'-Biphenyl	14.32	154	422725	43.010	ng	98
46) 2-Chloronaphthalene	14.38	162	323412	42.676	ng	95
47) 2-Nitroaniline	14.57	65	131799	46.432	ng	92
48) Acenaphthylene	15.21	152	532020	42.058	ng	99
49) Dimethylphthalate	14.91	163	467777	42.015	ng	98
50) 2,6-Dinitrotoluene	15.04	165	103285	45.370	ng	96
51) Acenaphthene	15.55	154	347989	42.674	ng	98
52) 3-Nitroaniline	15.38	138	59978	25.130	ng	# 91
53) 2,4-Dinitrophenol	15.58	184	51766	47.358	ng	85
54) Dibenzofuran	15.88	168	526300	43.693	ng	94
55) 4-Nitrophenol	15.67	139	153396	91.403	ng	# 82
56) 2,4-Dinitrotoluene	15.82	165	149381	44.566	ng	93
57) Fluorene	16.52	166	437910	42.674	ng	98
58) 2,3,4,6-Tetrachlorophenol	16.09	232	143645	47.947	ng	97
59) Diethylphthalate	16.25	149	462279	42.761	ng	97
60) 4-Chlorophenyl-phenylether	16.49	204	248305	42.094	ng	98
61) 4-Nitroaniline	16.54	138	99524	41.178	ng	# 86
62) Azobenzene	16.78	77	466276	44.524	ng	96
64) 4,6-Dinitro-2-methylphenol	16.58	198	56976	28.821	ng	97
65) n-Nitrosodiphenylamine	16.71	169	404993	42.929	ng	99
66) 4-Bromophenyl-phenylether	17.38	248	163280	42.073	ng	93
67) Hexachlorobenzene	17.51	284	170556	41.642	ng	97
68) Atrazine	17.62	200	173754	45.451	ng	97
69) Pentachlorophenol	17.85	266	204326	72.685	ng	98
70) Phenanthrene	18.26	178	748724	43.505	ng	98
71) Anthracene	18.34	178	781726	44.861	ng	100
72) Carbazole	18.60	167	693188	44.891	ng	96
73) Di-n-butylphthalate	19.10	149	819034	45.569	ng	# 98
74) Fluoranthene	20.21	202	953698	44.780	ng	97
76) Benzidine	20.37	184	306183	33.112	ng	99
77) Pyrene	20.57	202	964818	42.425	ng	99
79) Butylbenzylphthalate	21.42	149	372406	44.376	ng	94
80) Benzo(a)anthracene	22.54	228	937407	43.174	ng	98
81) 3,3'-Dichlorobenzidine	22.42	252	208675	27.009	ng	99
82) Chrysene	22.61	228	898537	42.752	ng	98
83) Bis(2-ethylhexyl)phthalate	22.36	149	517530	44.736	ng	98
84) Di-n-octyl phthalate	23.76	149	899231	50.767	ng	98
85) Indeno(1,2,3-cd)pyrene	30.71	276	1061694	46.722	ng	# 88
87) Benzo(b)fluoranthene	25.12	252	933141	43.176	ng	# 98
88) Benzo(k)fluoranthene	25.12	252	933141	42.690	ng	98
89) Benzo(a)pyrene	26.15	252	923228	44.482	ng	# 98
90) Dibenzo(a,h)anthracene	30.78	278	898498	45.958	ng	98
91) Benzo(g,h,i)perylene	32.09	276	882586	45.589	ng	# 95

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

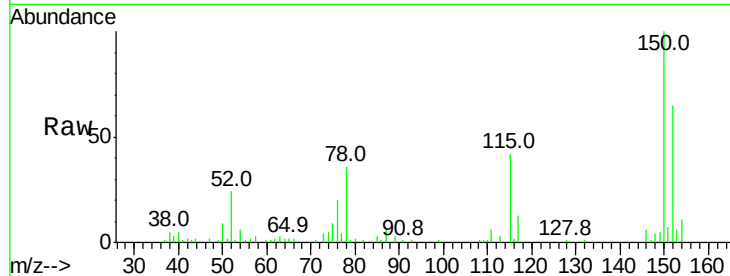


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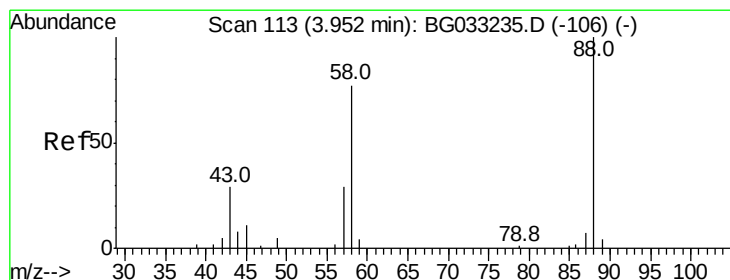
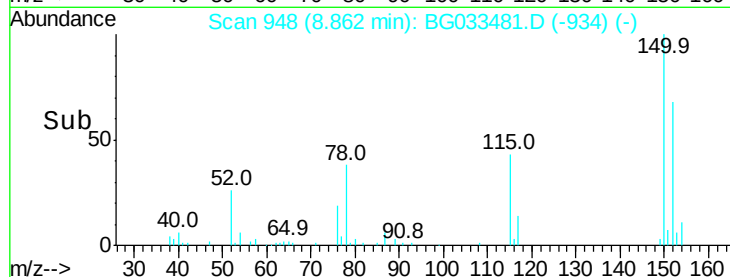
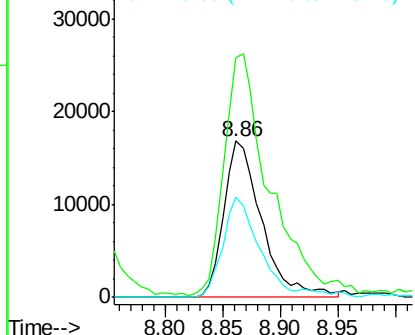
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.02 min
Lab File: BG033481.D
Acq: 2 Apr 2018 11:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 38366
Ion Ratio Lower Upper
152 100
150 153.7 126.6 189.8
115 63.8 53.0 79.4



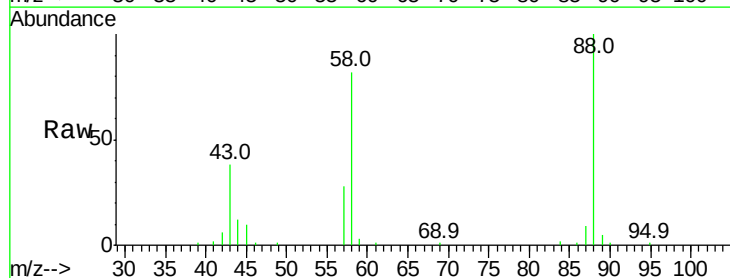
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



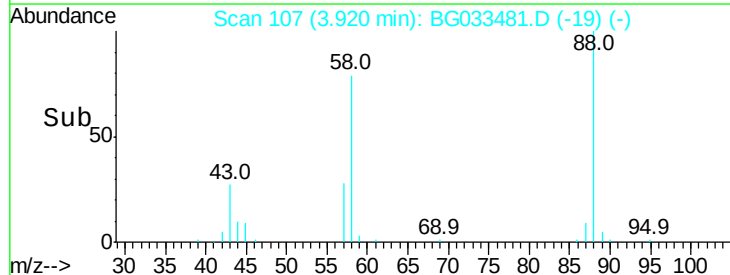
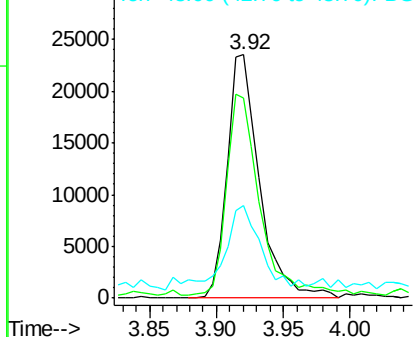
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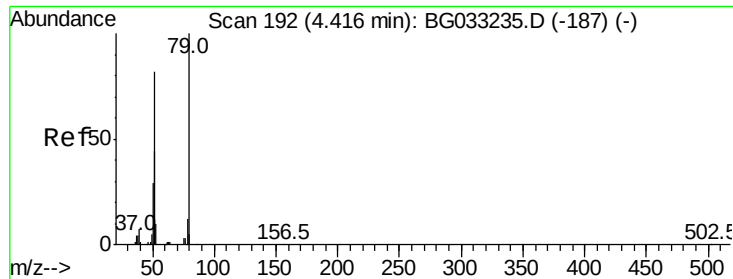
1,4-Dioxane
Concen: 38.584 ng
RT: 3.92 min Scan# 107
Delta R.T. -0.01 min
Lab File: BG033481.D
Acq: 2 Apr 2018 11:16

Tgt Ion: 88 Resp: 40091
Ion Ratio Lower Upper
88 100
58 83.8 79.6 119.4
43 39.8 27.4 41.0



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 39.226 ng

RT: 4.38 min Scan# 186

Delta R.T. -0.01 min

Lab File: BG033481.D

Acq: 2 Apr 2018 11:16

Instrument :

BNA_G

ClientSampleId :

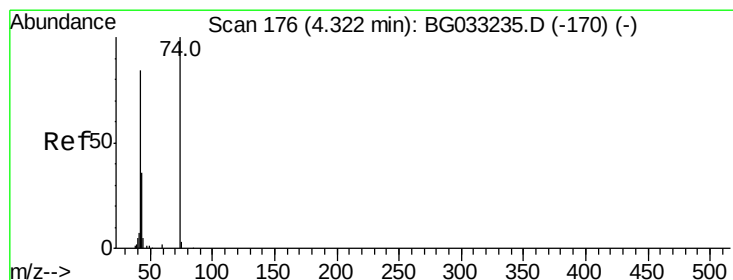
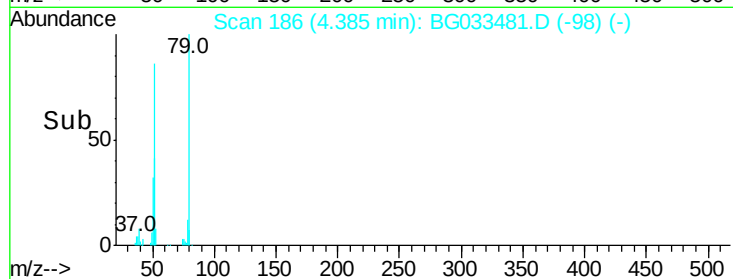
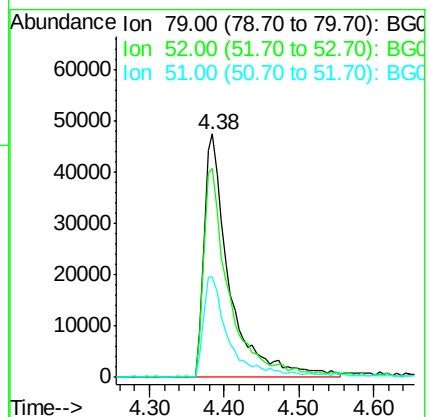
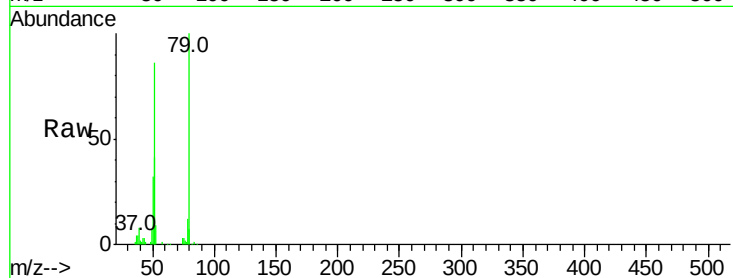
Tot Ion: 79 Resp: 112670

Ion Ratio Lower Upper

79 100

52 85.6 69.9 104.9

51 41.3 34.0 51.0



#4

n-Nitrosodimethylamine

Concen: 49.150 ng

RT: 4.29 min Scan# 170

Delta R.T. -0.02 min

Lab File: BG033481.D

Acq: 2 Apr 2018 11:16

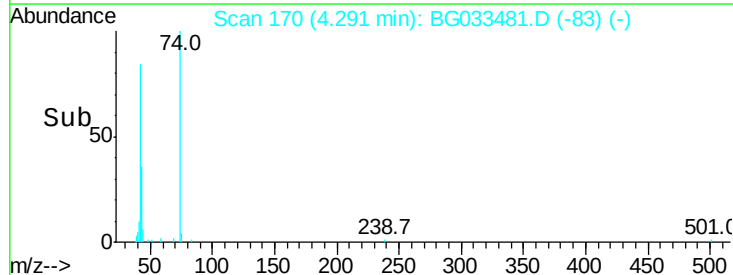
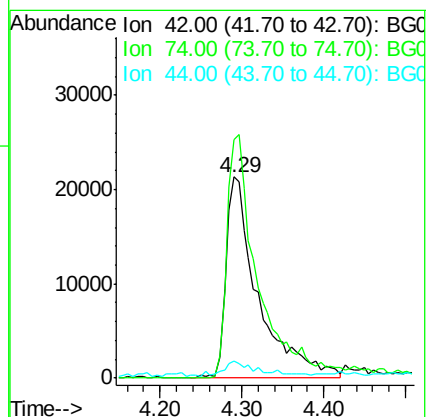
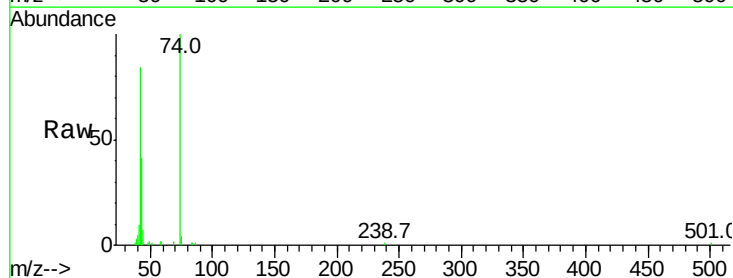
Tgt Ion: 42 Resp: 57936

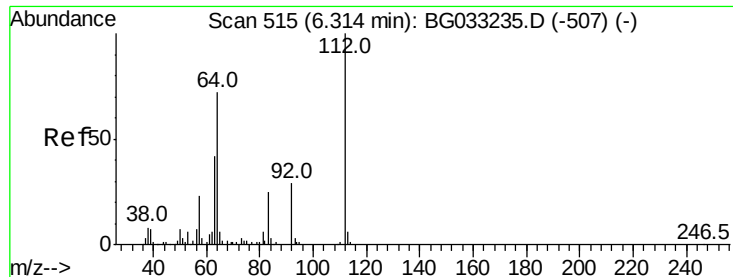
Ion Ratio Lower Upper

42 100

74 118.9 102.5 153.7

44 8.6 18.9 28.3#





#5

2-Fluorophenol

Concen: 171.283 ng

RT: 6.29 min Scan# 511

Delta R.T. 0.00 min

Lab File: BG033481.D

Acq: 2 Apr 2018 11:16

Instrument :

BNA_G

ClientSampleId :

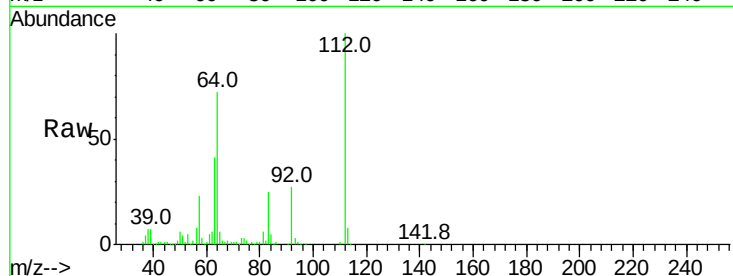
Tot Ion:112 Resp: 350454

Ion Ratio Lower Upper

112 100

64 72.1 56.3 84.5

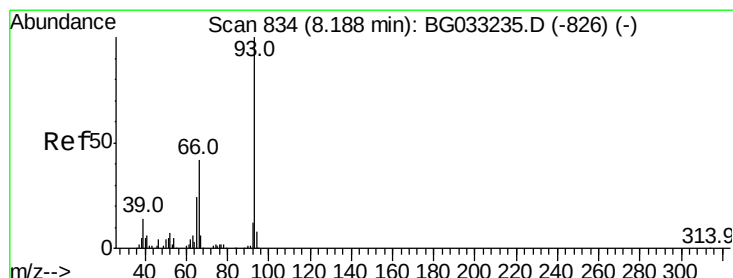
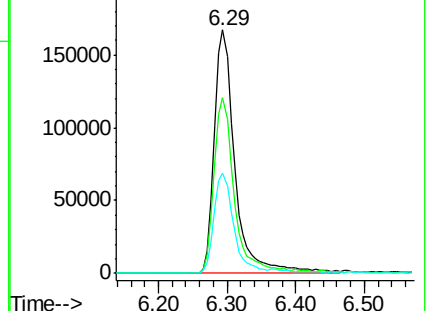
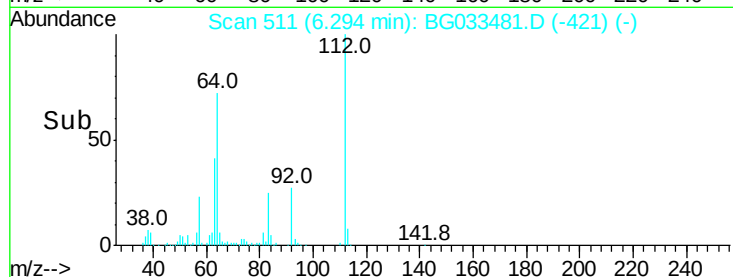
63 41.1 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 22.442 ng

RT: 8.16 min Scan# 828

Delta R.T. -0.01 min

Lab File: BG033481.D

Acq: 2 Apr 2018 11:16

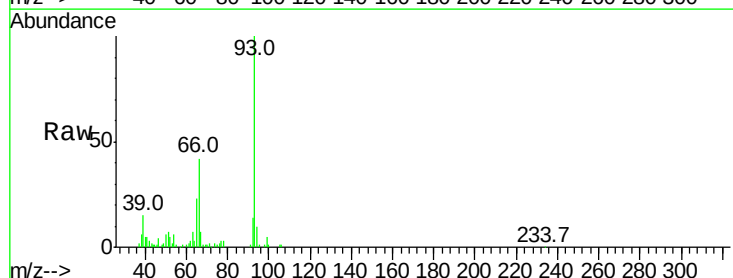
Tgt Ion: 93 Resp: 92782

Ion Ratio Lower Upper

93 100

66 42.1 33.7 50.5

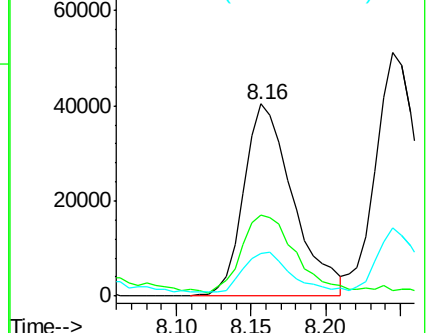
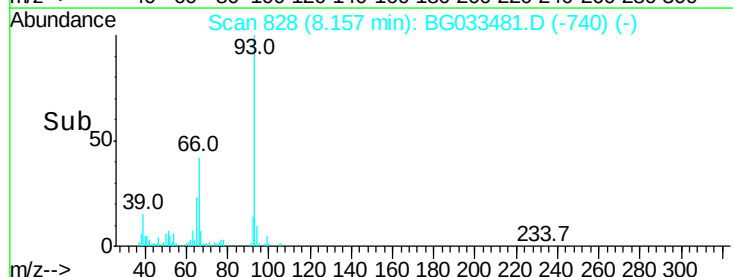
65 22.5 16.1 24.1

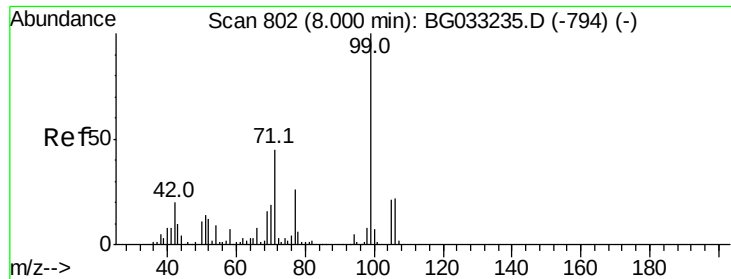


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 152.677 ng

RT: 7.98 min Scan# 798

Delta R.T. 0.00 min

Lab File: BG033481.D

Acq: 2 Apr 2018 11:16

Instrument :

BNA_G

ClientSampleId :

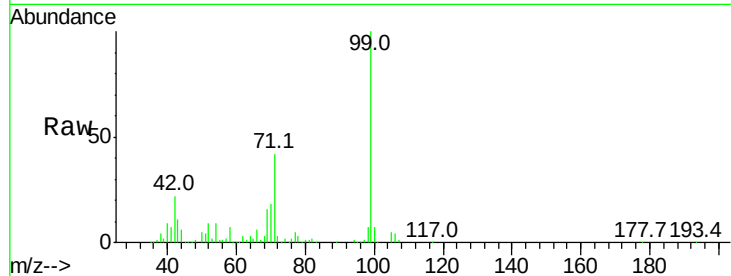
Tot Ion: 99 Resp: 536744

Ion Ratio Lower Upper

99 100

42 21.9 14.1 21.1#

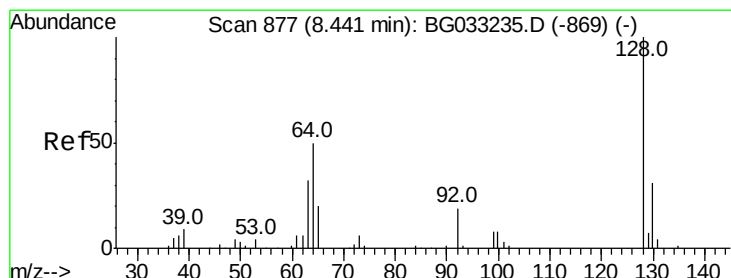
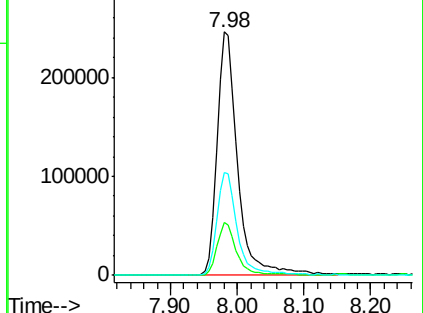
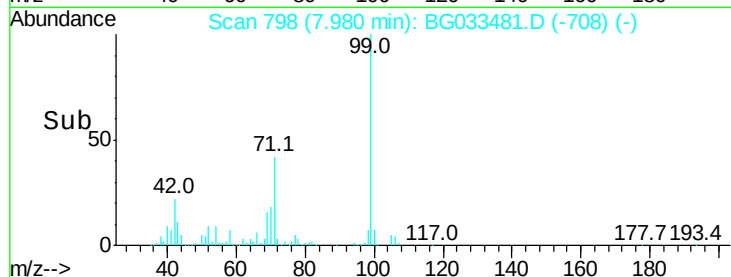
71 42.3 26.1 39.1#



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: 53.385 ng

RT: 8.42 min Scan# 872

Delta R.T. -0.00 min

Lab File: BG033481.D

Acq: 2 Apr 2018 11:16

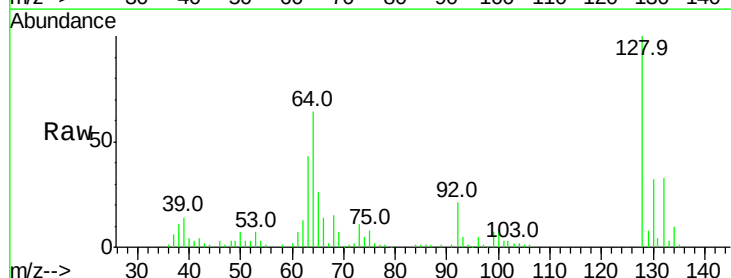
Tgt Ion: 128 Resp: 124871

Ion Ratio Lower Upper

128 100

130 32.5 14.0 54.0

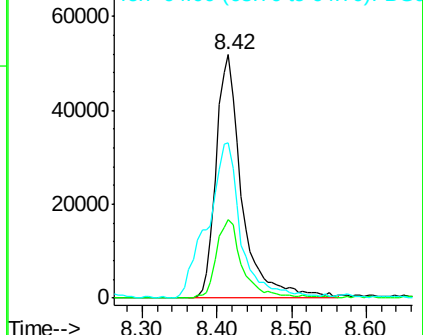
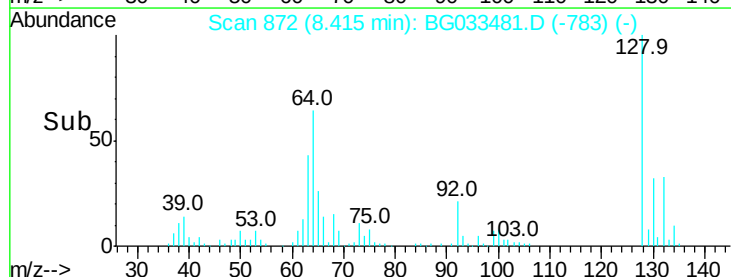
64 63.5 37.7 77.7

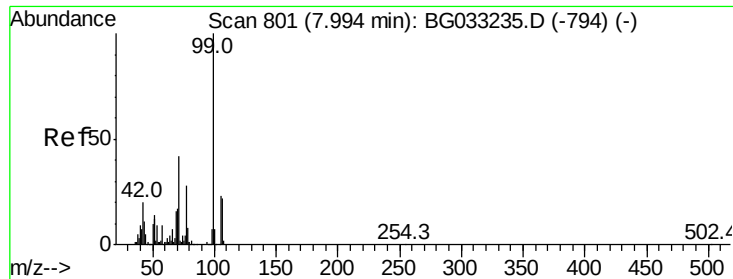


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 25.484 ng

RT: 7.96 min Scan# 795

Delta R.T. -0.02 min

Lab File: BG033481.D

Acq: 2 Apr 2018 11:16

Instrument :

BNA_G

ClientSampleId :

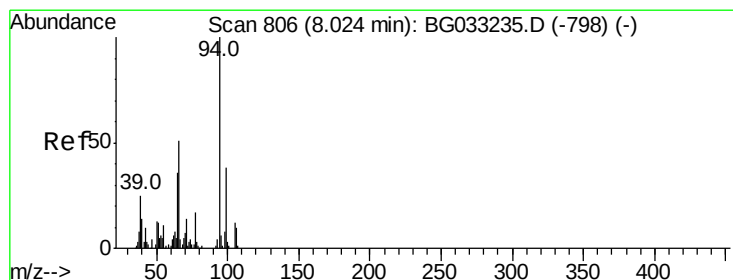
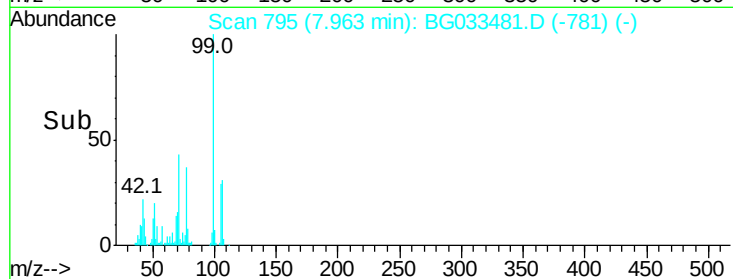
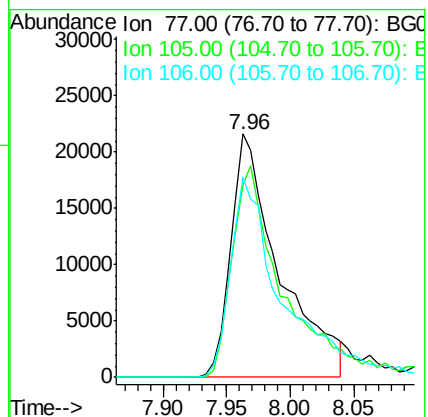
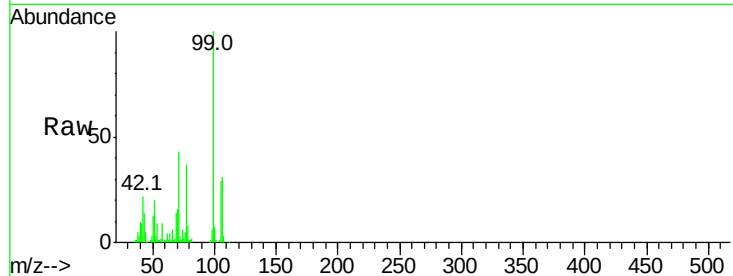
Tot Ion: 77 Resp: 56935

Ion Ratio Lower Upper

77 100

105 78.8 71.3 111.3

106 82.3 64.2 104.2



#10

Phenol

Concen: 51.271 ng

RT: 8.01 min Scan# 803

Delta R.T. 0.00 min

Lab File: BG033481.D

Acq: 2 Apr 2018 11:16

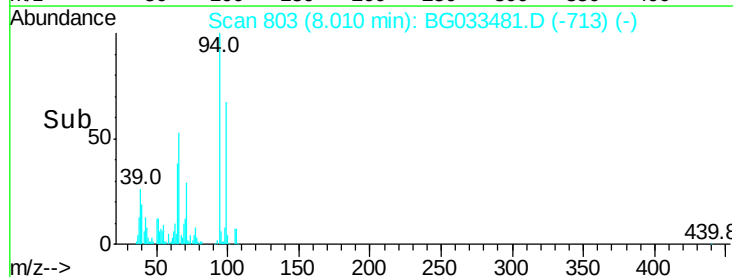
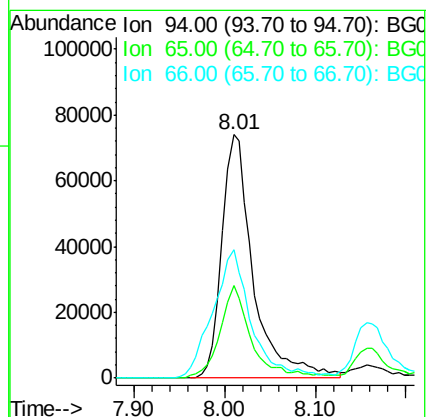
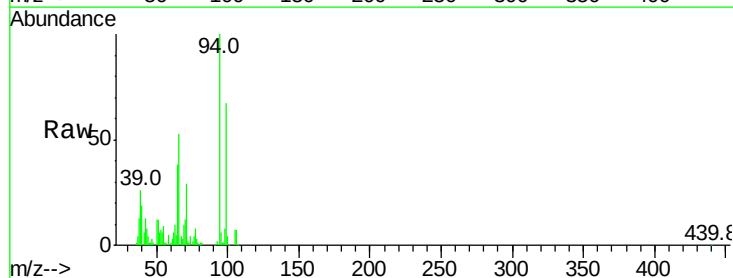
Tgt Ion: 94 Resp: 177959

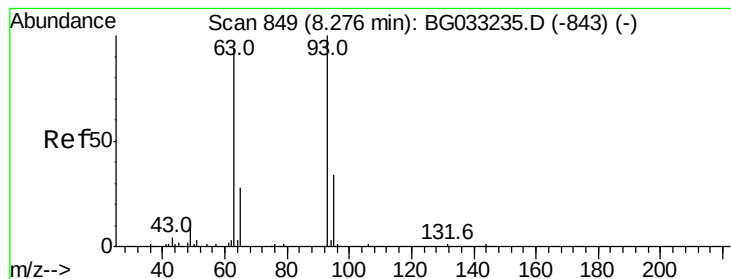
Ion Ratio Lower Upper

94 100

65 38.1 11.9 51.9

66 52.7 22.2 62.2





#11

bis(2-Chloroethyl)ether

Concen: 41.388 ng

RT: 8.24 min Scan# 843

Delta R.T. -0.01 min

Lab File: BG033481.D

Acq: 2 Apr 2018 11:16

Instrument :

BNA_G

ClientSampleId :

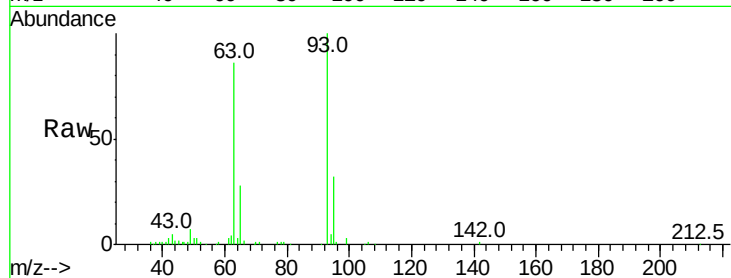
Tot Ion: 93 Resp: 117257

Ion Ratio Lower Upper

93 100

63 86.5 67.1 107.1

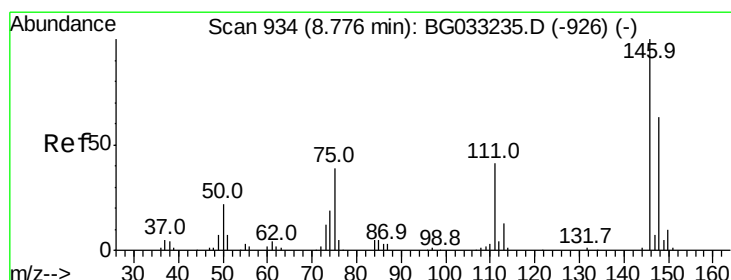
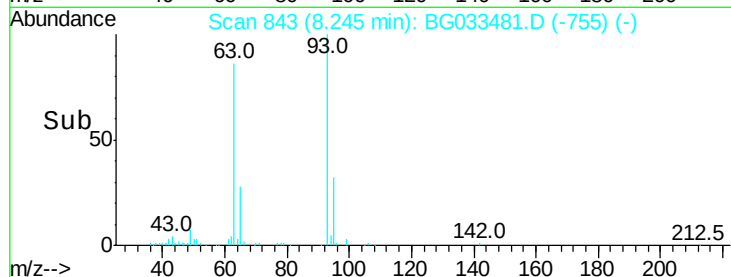
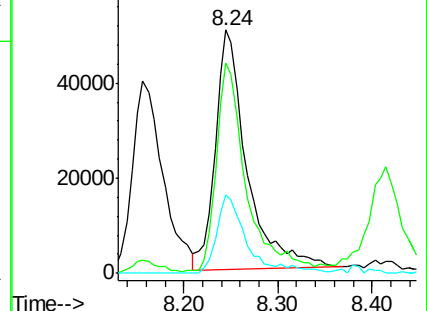
95 32.3 11.5 51.5



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 40.301 ng

RT: 8.90 min Scan# 954

Delta R.T. 0.14 min

Lab File: BG033481.D

Acq: 2 Apr 2018 11:16

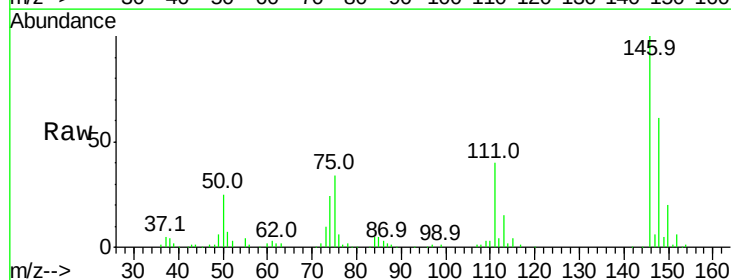
Tgt Ion: 146 Resp: 123245

Ion Ratio Lower Upper

146 100

148 60.9 51.4 77.2

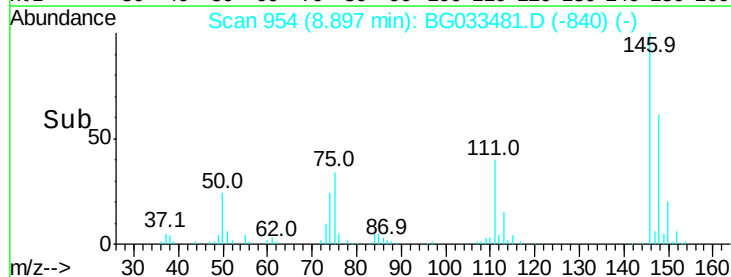
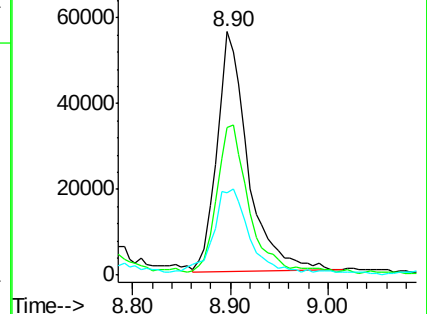
75 33.7 26.6 39.8

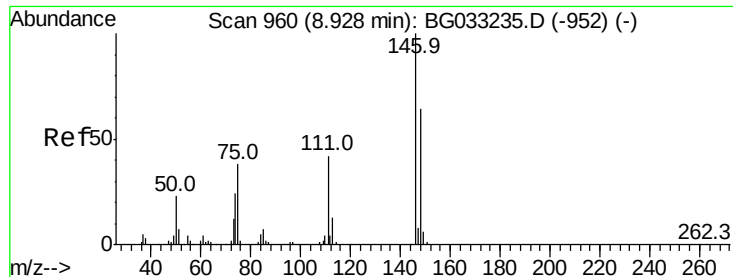


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BGC

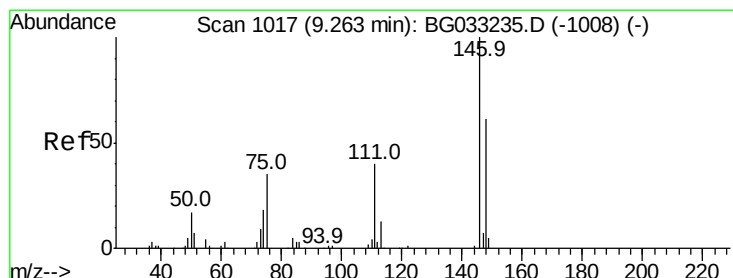
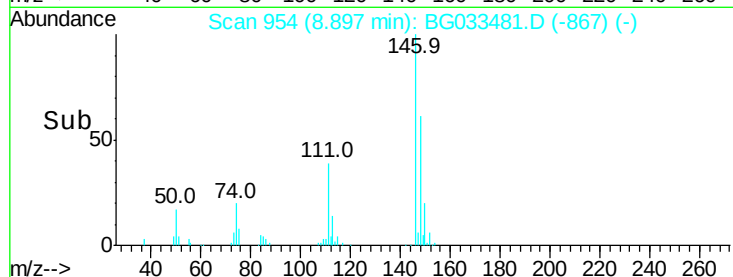
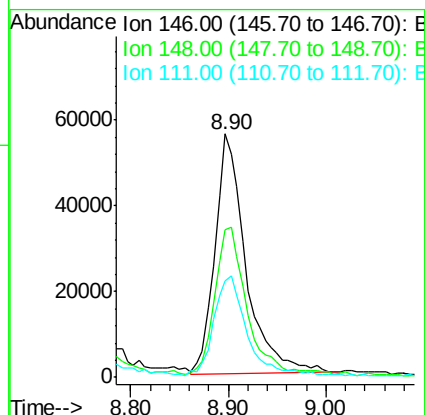
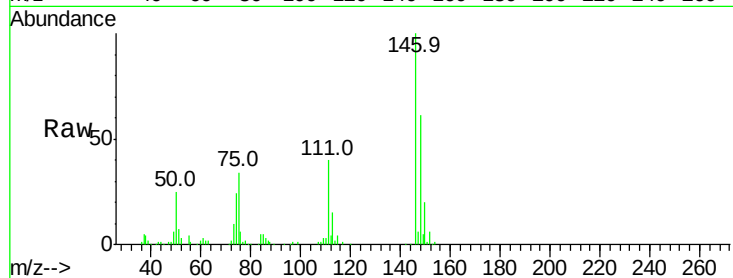




#13
 1,4-Dichlorobenzene
 Concen: 40.241 ng
 RT: 8.90 min Scan# 954
 Delta R.T. -0.02 min
 Lab File: BG033481.D
 Acq: 2 Apr 2018 11:16

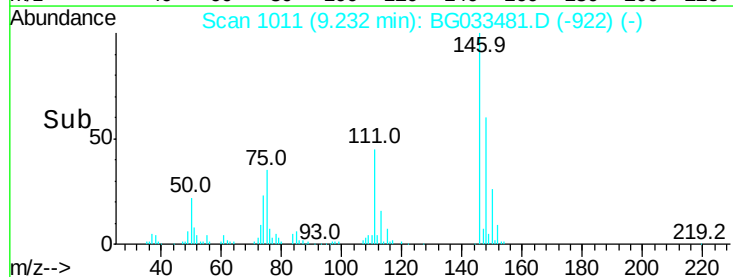
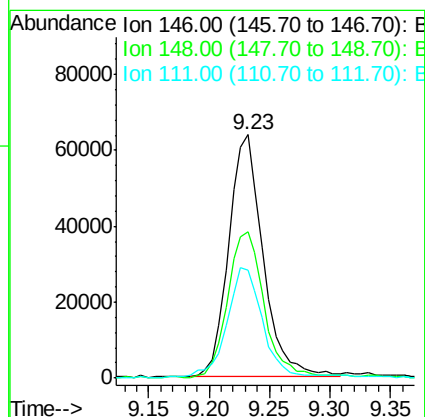
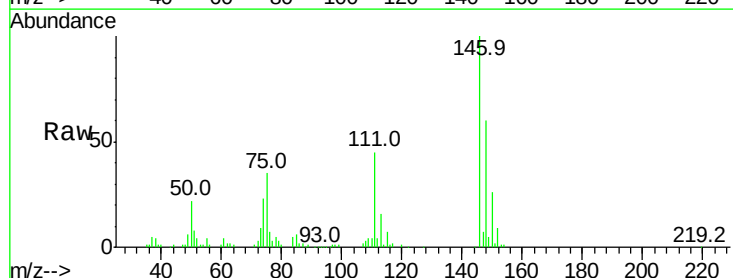
Instrument :
 BNA_G
 ClientSampleId :

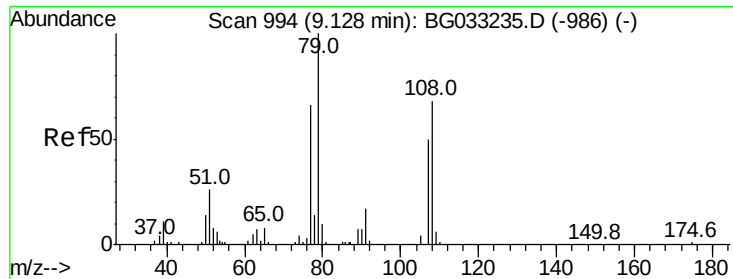
Tot Ion:146 Resp: 123245
 Ion Ratio Lower Upper
 146 100
 148 60.9 53.7 80.5
 111 39.8 35.2 52.8



#14
 1,2-Dichlorobenzene
 Concen: 42.306 ng
 RT: 9.23 min Scan# 1011
 Delta R.T. -0.00 min
 Lab File: BG033481.D
 Acq: 2 Apr 2018 11:16

Tgt Ion:146 Resp: 126459
 Ion Ratio Lower Upper
 146 100
 148 60.2 49.3 73.9
 111 44.5 34.3 51.5





#15

Benzyl Alcohol

Concen: 47.627 ng

RT: 9.10 min Scan# 989

Delta R.T. -0.00 min

Lab File: BG033481.D

Acq: 2 Apr 2018 11:16

Instrument :

BNA_G

ClientSampleId :

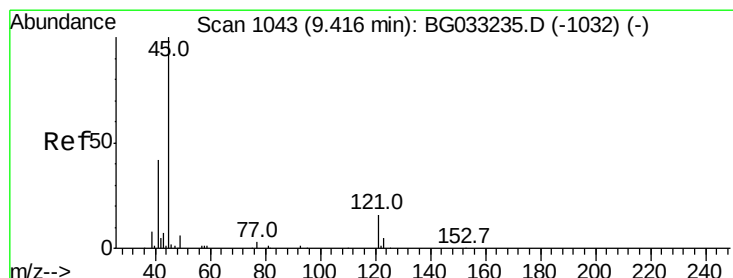
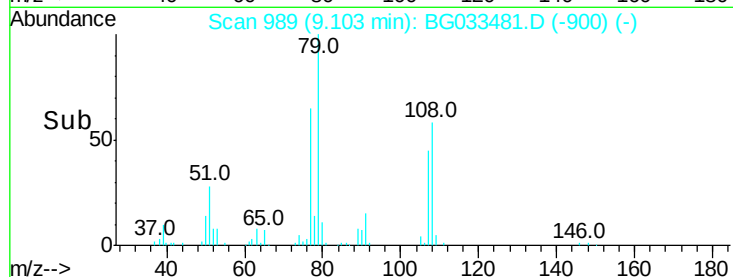
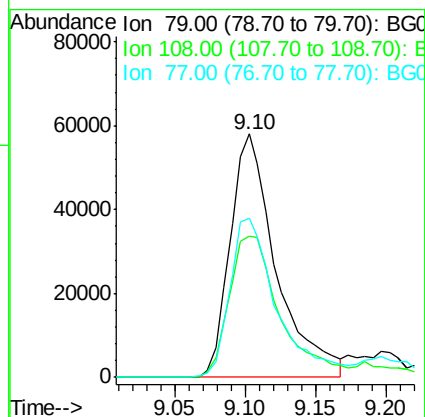
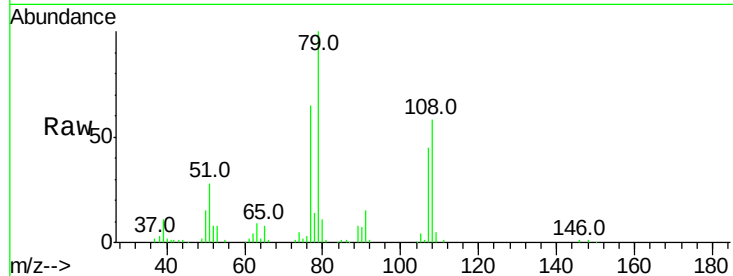
Tot Ion: 79 Resp: 131828

Ion Ratio Lower Upper

79 100

108 58.2 57.2 85.8

77 65.1 46.1 69.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.805 ng

RT: 9.38 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BG033481.D

Acq: 2 Apr 2018 11:16

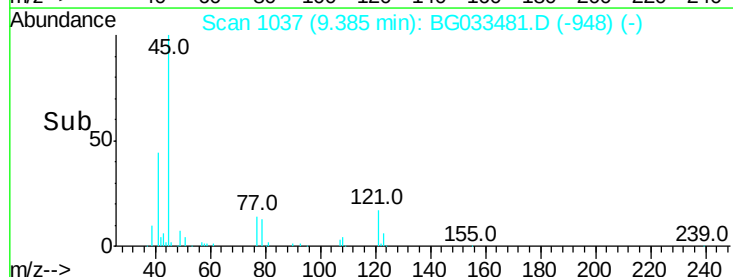
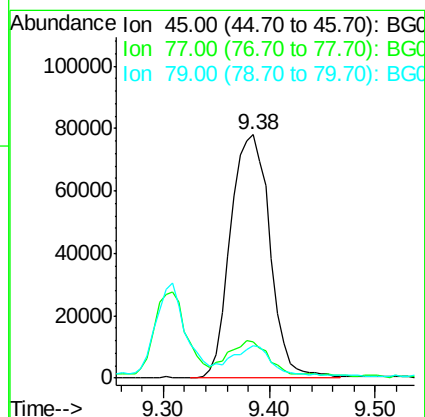
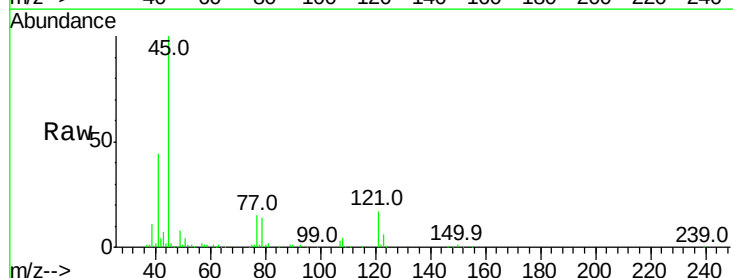
Tgt Ion: 45 Resp: 202314

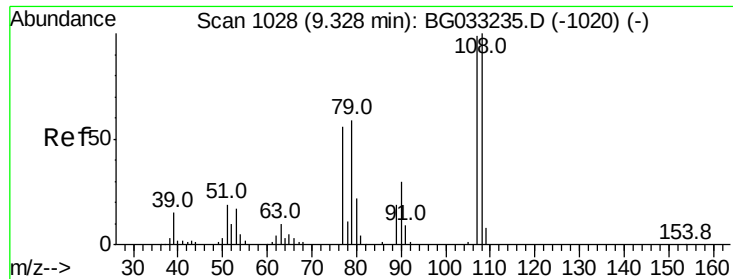
Ion Ratio Lower Upper

45 100

77 15.1 0.0 30.2

79 13.5 0.0 27.9

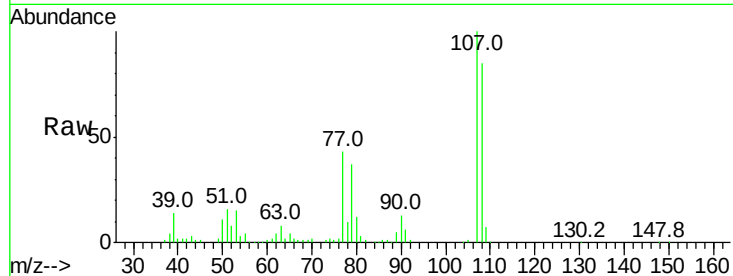




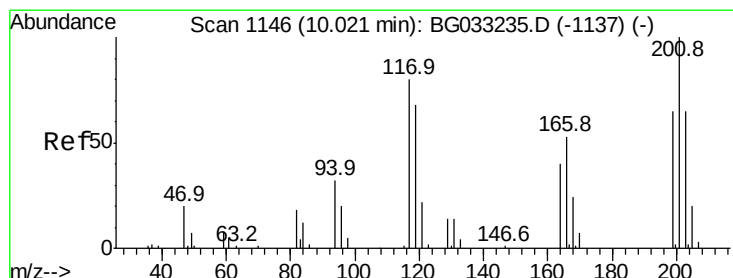
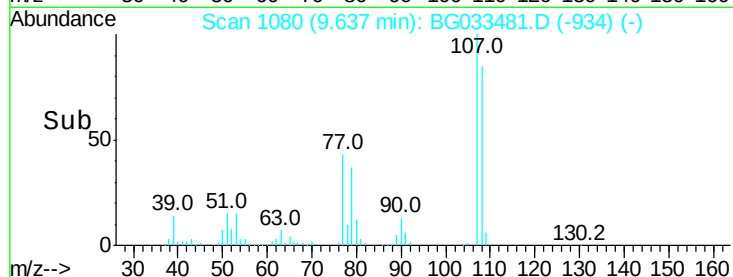
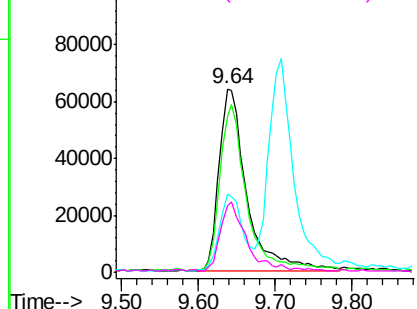
#17
2-Methylphenol
Concen: 67.978 ng
RT: 9.64 min Scan# 1080
Delta R.T. 0.33 min
Lab File: BG033481.D
Acq: 2 Apr 2018 11:16

Instrument :
BNA_G
ClientSampled :

Tot Ion:107 Resp: 160734
Ion Ratio Lower Upper
107 100
108 84.8 83.9 125.9
77 42.7 37.2 55.8
79 36.5 36.2 54.2

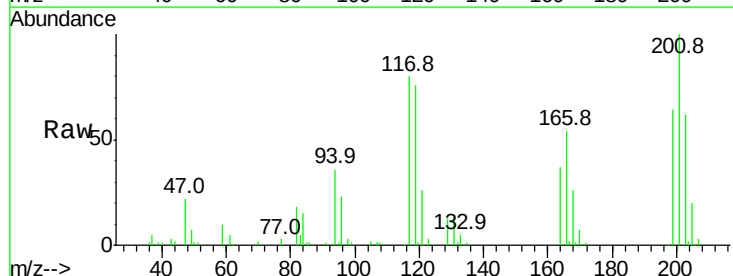


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

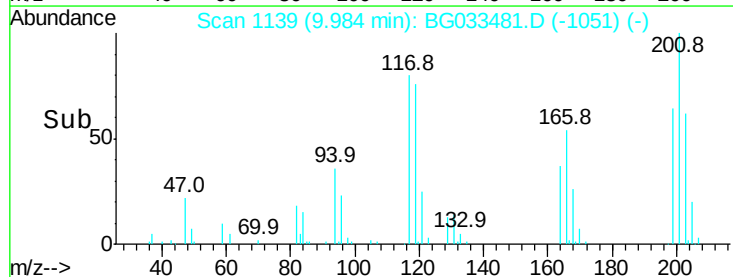
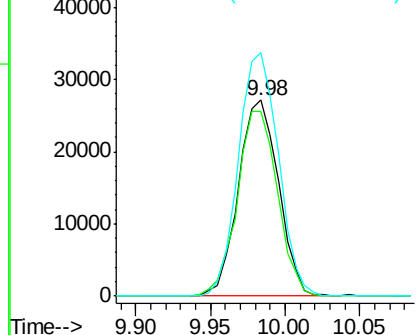


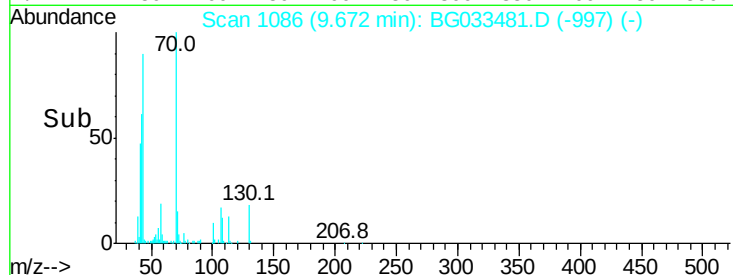
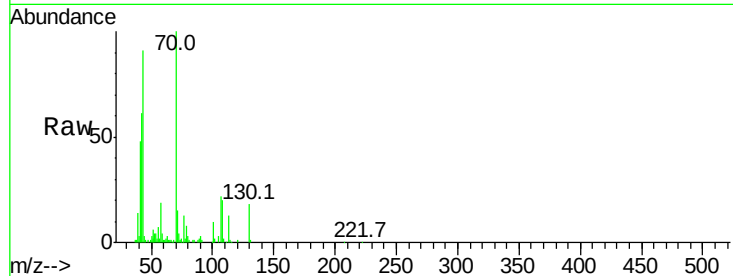
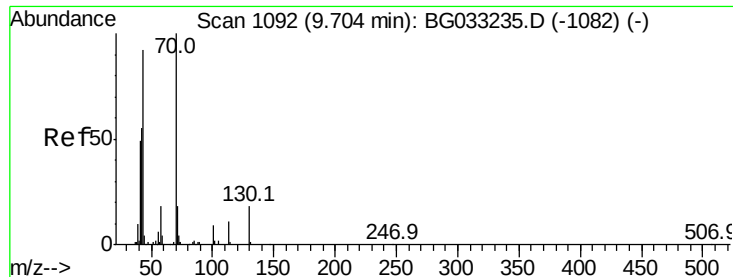
#18
Hexachloroethane
Concen: 42.720 ng
RT: 9.98 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BG033481.D
Acq: 2 Apr 2018 11:16

Tgt Ion:117 Resp: 50497
Ion Ratio Lower Upper
117 100
119 94.3 76.7 115.1
201 124.3 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

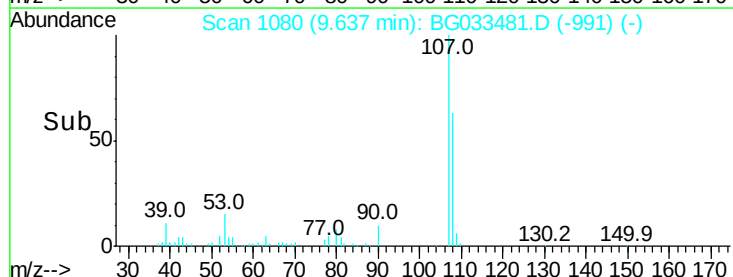
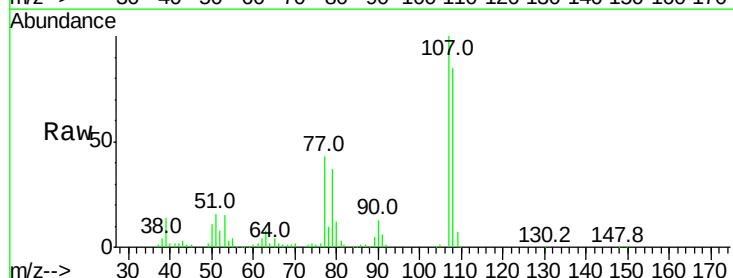
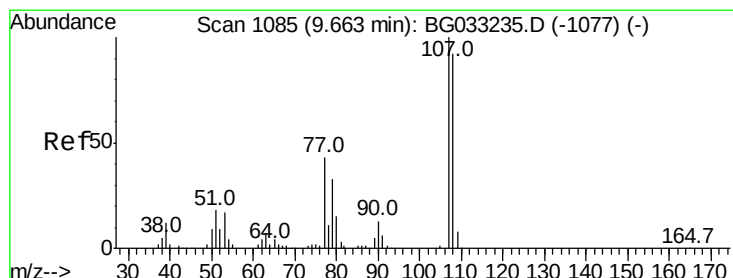
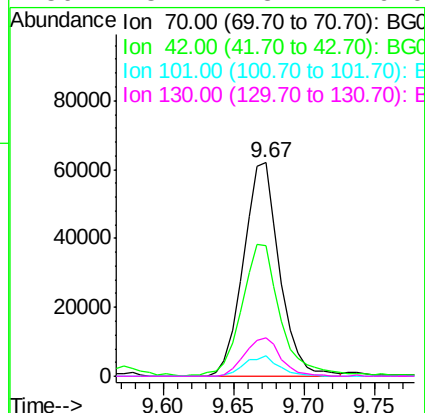




#19
n-Nitroso-di-n-propylamine
Concen: 43.110 ng
RT: 9.67 min Scan# 1086
Delta R.T. -0.00 min
Lab File: BG033481.D
Acq: 2 Apr 2018 11:16

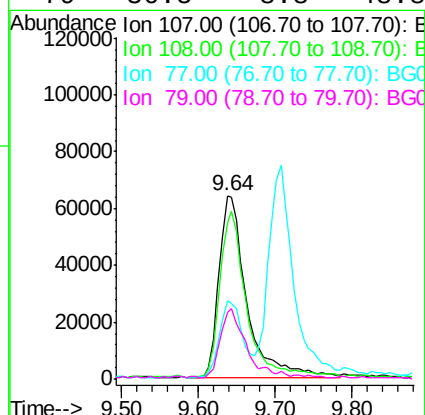
Instrument :
BNA_G
ClientSampleId :

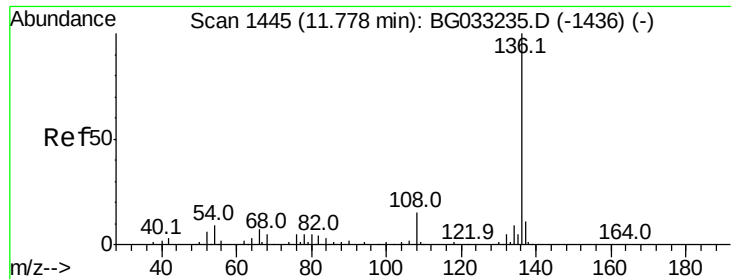
Tot Ion:	70	Resp:	111054
Ion	Ratio	Lower	Upper
70	100		
42	61.3	49.1	73.7
101	9.8	8.5	12.7
130	18.1	13.4	20.0



#20
3+4-Methylphenols
Concen: 47.744 ng
RT: 9.64 min Scan# 1080
Delta R.T. -0.00 min
Lab File: BG033481.D
Acq: 2 Apr 2018 11:16

Tgt Ion:	107	Resp:	160734
Ion	Ratio	Lower	Upper
107	100		
108	84.8	61.6	101.6
77	42.7	13.9	53.9
79	36.5	8.8	48.8

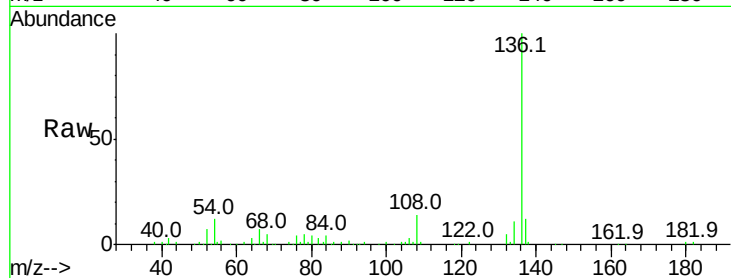




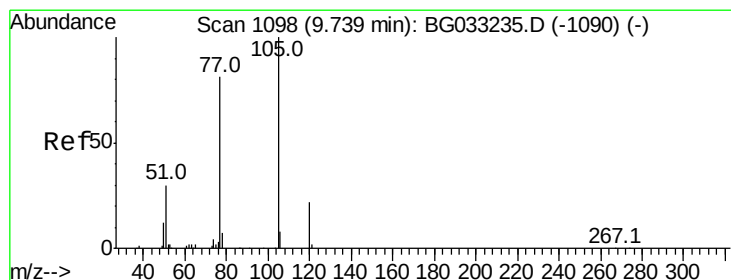
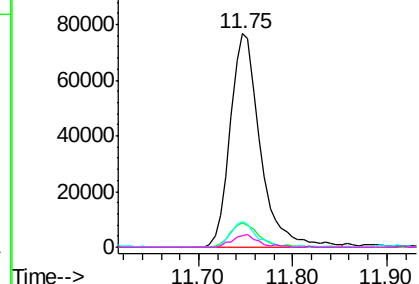
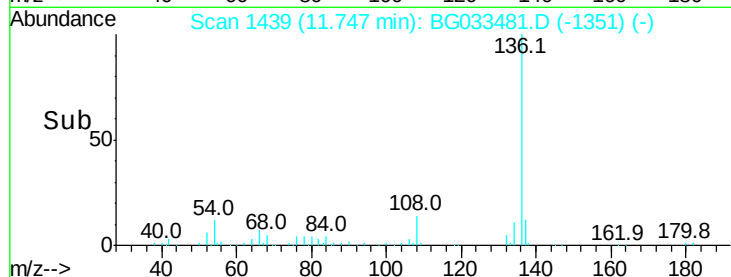
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.75 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BG033481.D
Acq: 2 Apr 2018 11:16

Instrument :
BNA_G
ClientSampled :

Tot Ion:136	Resp:	170617
Ion	Ratio	Lower Upper
136	100	
137	11.6	9.2 13.8
54	12.1	10.3 15.5
68	5.5	4.5 6.7

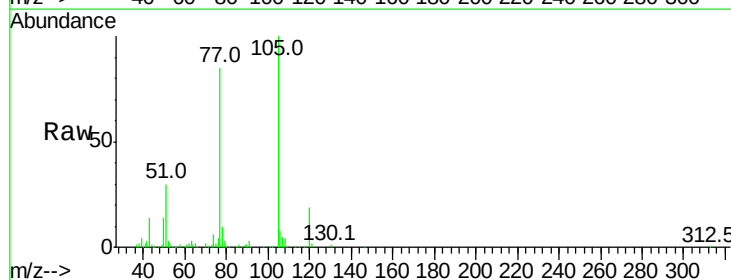


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

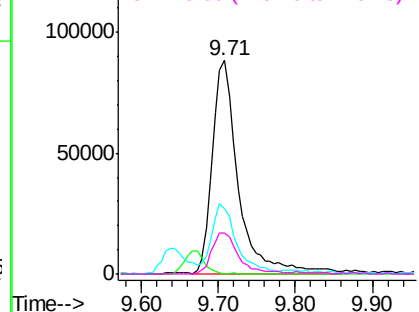
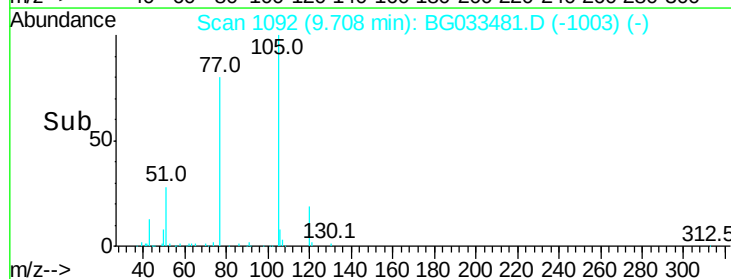


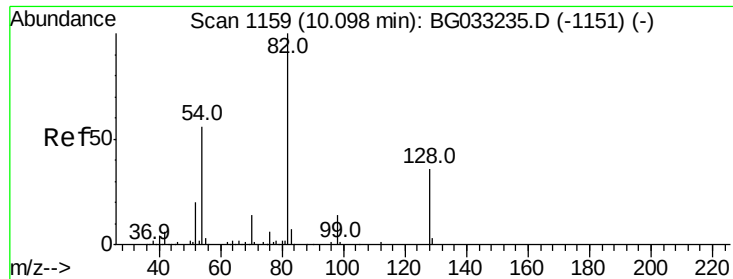
#22
Acetophenone
Concen: 43.692 ng
RT: 9.71 min Scan# 1092
Delta R.T. -0.00 min
Lab File: BG033481.D
Acq: 2 Apr 2018 11:16

Tgt Ion:105	Resp:	204229
Ion	Ratio	Lower Upper
105	100	
71	0.3	3.0 4.4#
51	30.3	26.1 39.1
120	19.0	17.4 26.2



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BG
Ion 51.00 (50.70 to 51.70): BG
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 90.882 ng

RT: 10.07 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BG033481.D

Acq: 2 Apr 2018 11:16

Instrument :

BNA_G

ClientSampleId :

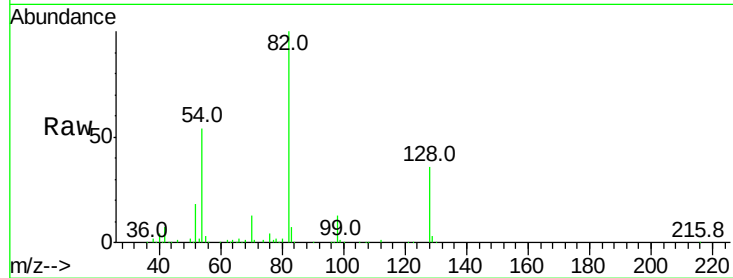
Tot Ion: 82 Resp: 337498

Ion Ratio Lower Upper

82 100

128 35.7 29.7 44.5

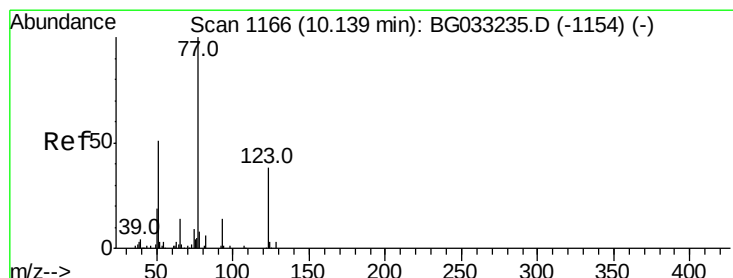
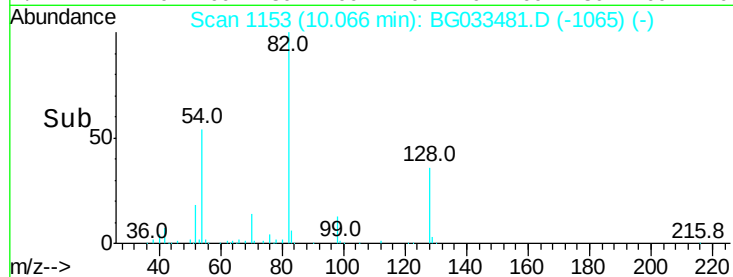
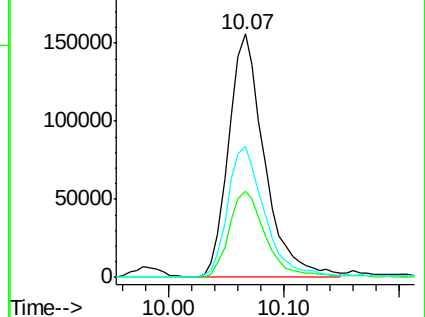
54 53.7 43.1 64.7



Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#24

Nitrobenzene

Concen: 43.410 ng

RT: 10.11 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BG033481.D

Acq: 2 Apr 2018 11:16

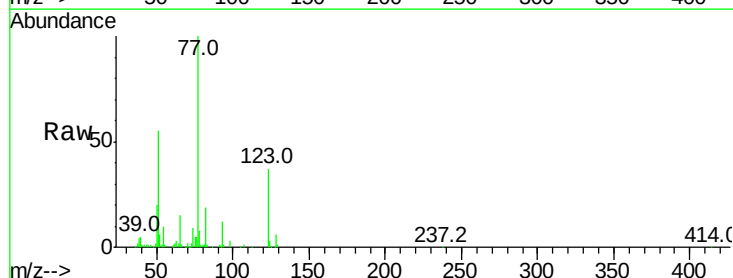
Tgt Ion: 77 Resp: 172550

Ion Ratio Lower Upper

77 100

123 37.0 33.0 49.6

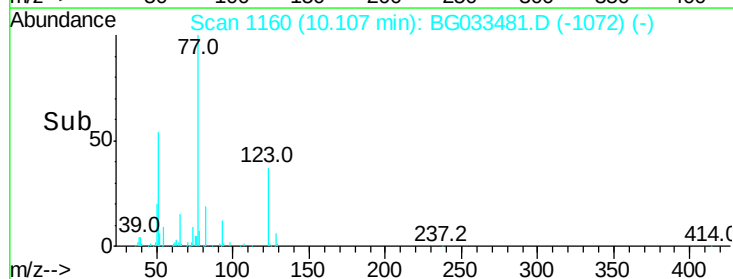
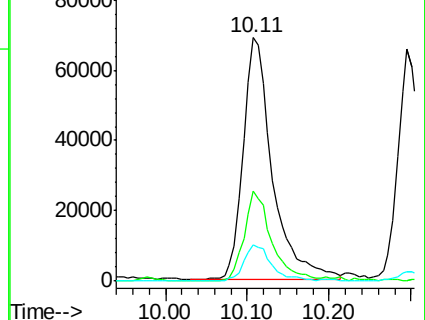
65 14.8 13.0 19.6

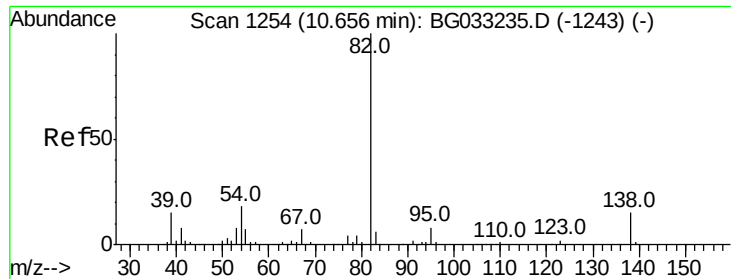


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

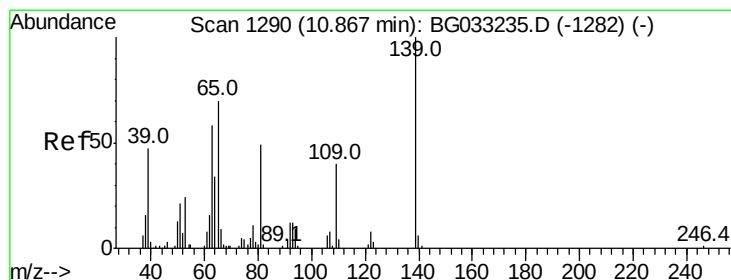
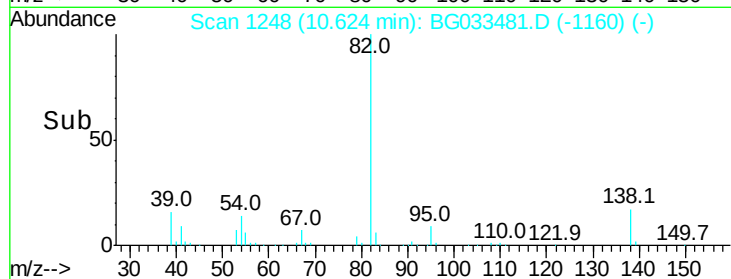
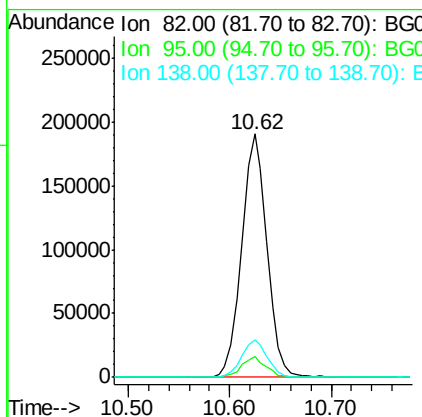
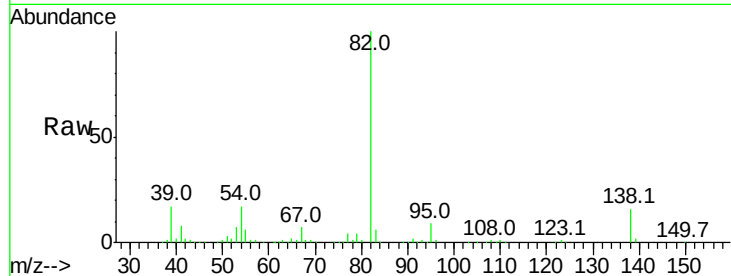




#25
Isophorone
Concen: 45.603 ng
RT: 10.62 min Scan# 1248
Delta R.T. -0.01 min
Lab File: BG033481.D
Acq: 2 Apr 2018 11:16

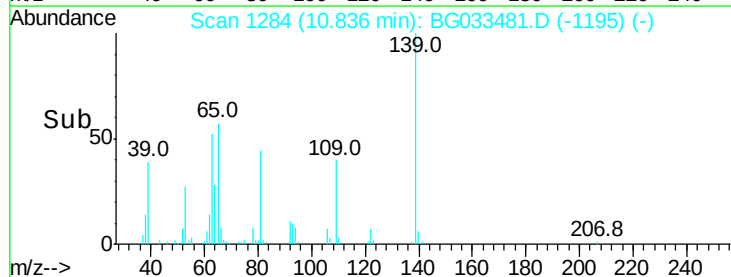
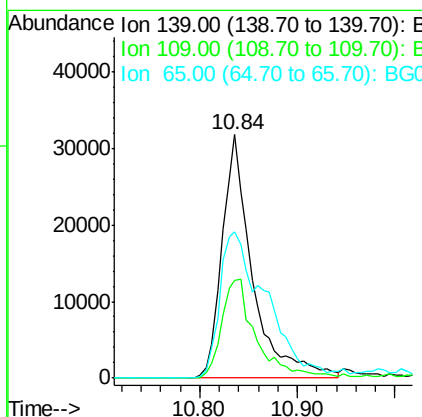
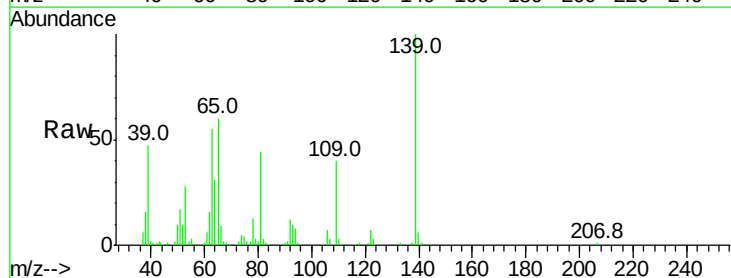
Instrument :
BNA_G
ClientSampled :

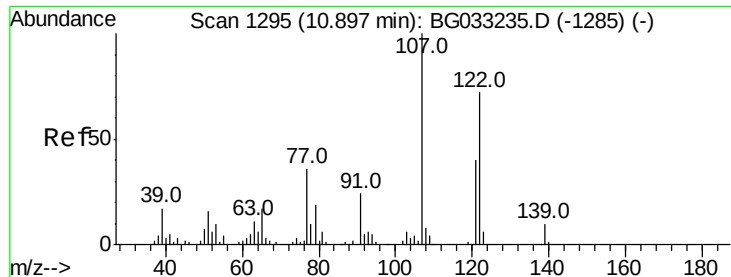
Tot Ion	82	Resp	328687
Ion	Ratio	Lower	Upper
82	100		
95	8.8	6.2	9.2
138	15.6	12.1	18.1



#26
2-Nitrophenol
Concen: 45.664 ng
RT: 10.84 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BG033481.D
Acq: 2 Apr 2018 11:16

Tgt Ion	139	Resp	68719
Ion	Ratio	Lower	Upper
139	100		
109	40.0	24.2	36.2#
65	60.3	47.4	71.0

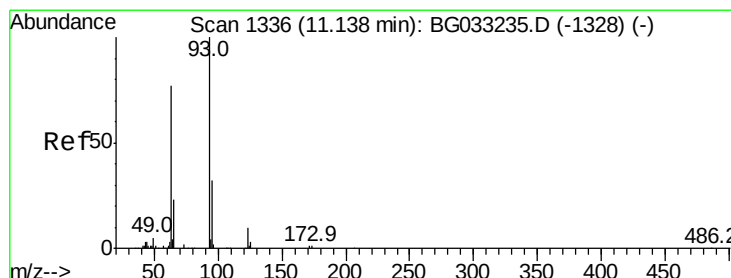
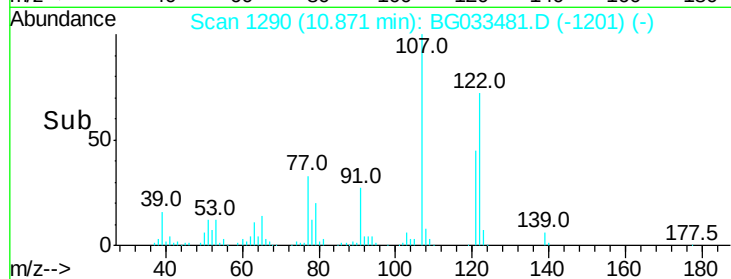
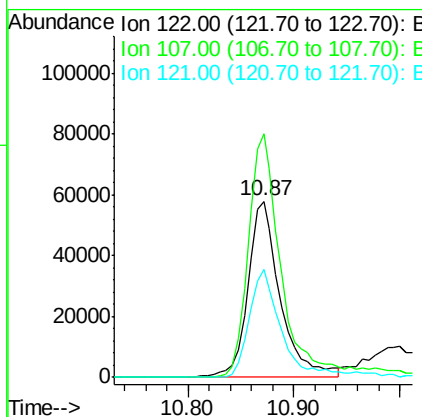
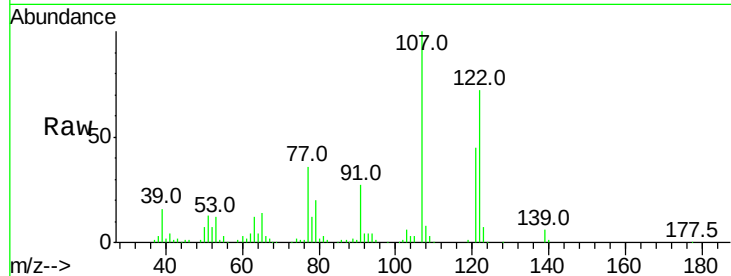




#27
 2,4-Dimethylphenol
 Concen: 56.287 ng
 RT: 10.87 min Scan# 1290
 Delta R.T. -0.00 min
 Lab File: BG033481.D
 Acq: 2 Apr 2018 11:16

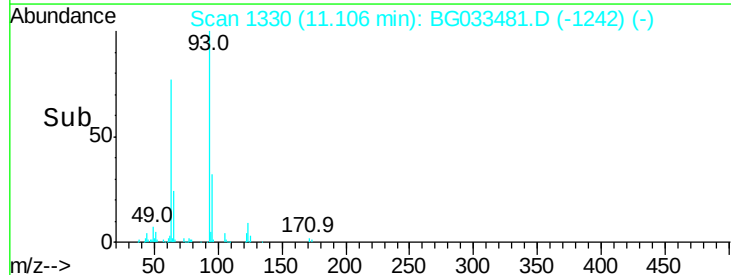
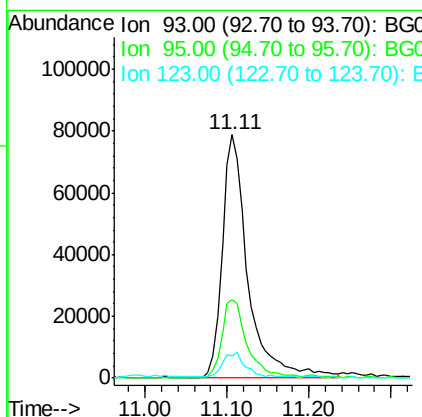
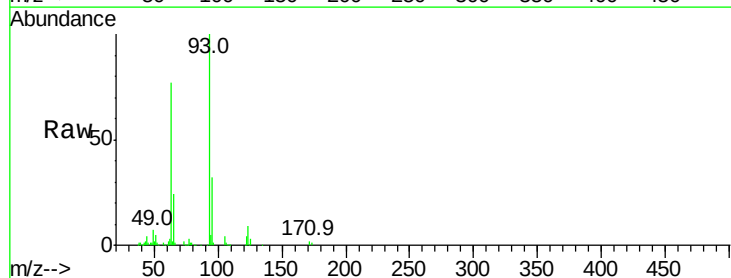
Instrument :
 BNA_G
 ClientSampleId :

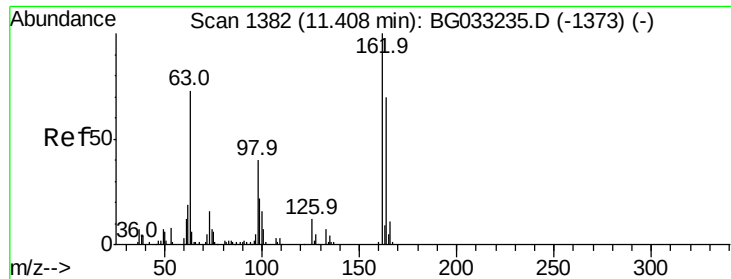
Tot Ion:122 Resp: 123050
 Ion Ratio Lower Upper
 122 100
 107 138.4 100.2 150.2
 121 61.7 44.4 66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 47.805 ng
 RT: 11.11 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BG033481.D
 Acq: 2 Apr 2018 11:16

Tgt Ion: 93 Resp: 171915
 Ion Ratio Lower Upper
 93 100
 95 32.1 24.3 36.5
 123 9.3 8.4 12.6

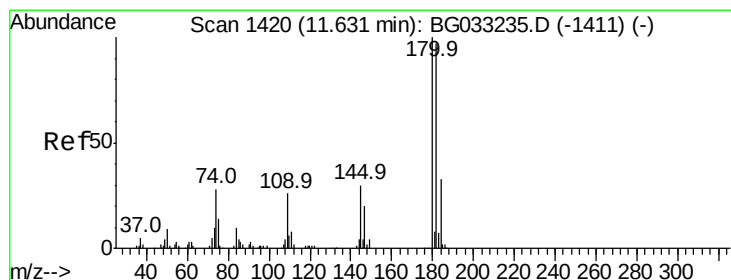
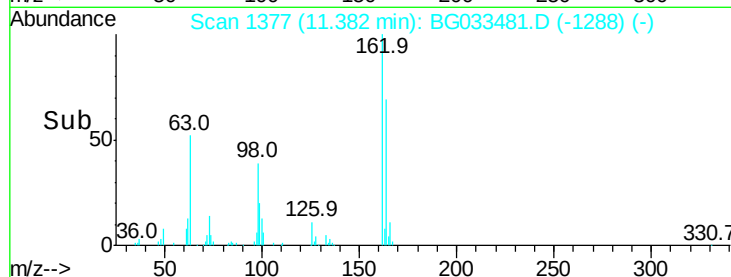
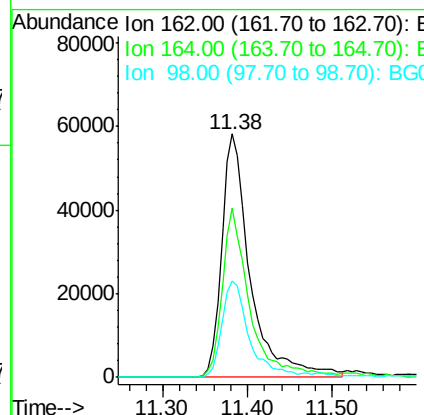
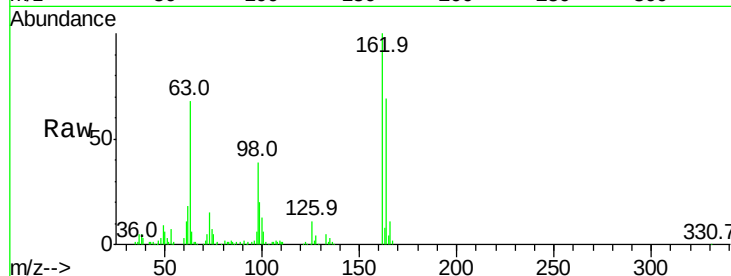




#29
2,4-Dichlorophenol
Concen: 51.132 ng
RT: 11.38 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BG033481.D
Acq: 2 Apr 2018 11:16

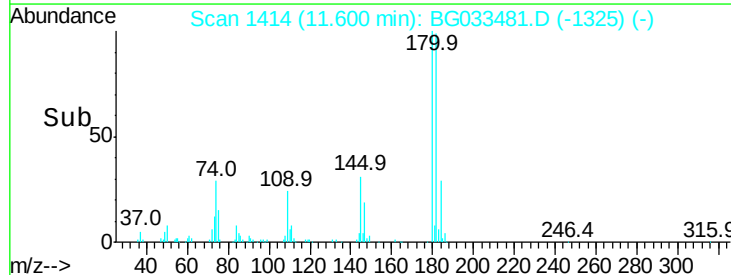
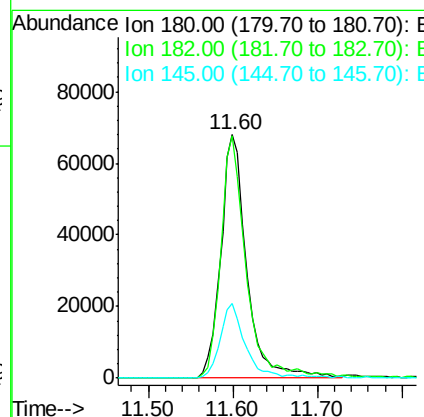
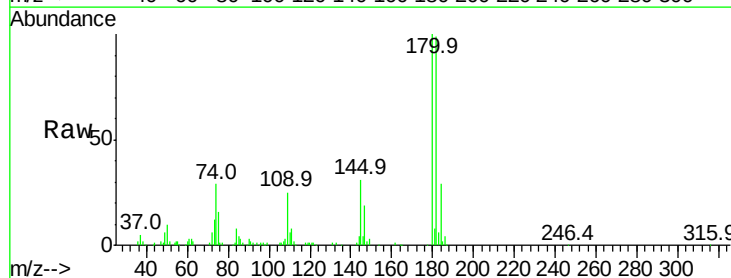
Instrument :
BNA_G
ClientSampleId :

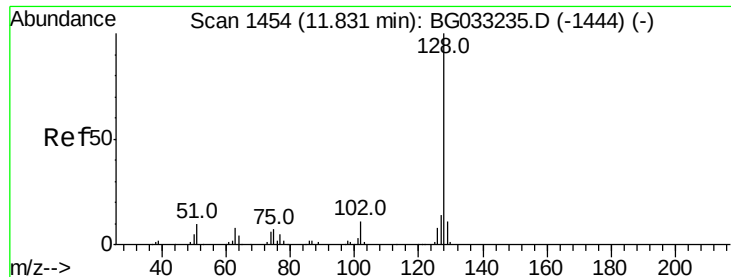
Tot Ion	Ratio	Lower	Upper
162	100		
164	69.5	48.0	88.0
98	39.4	21.1	61.1



#30
1,2,4-Trichlorobenzene
Concen: 41.647 ng
RT: 11.60 min Scan# 1414
Delta R.T. -0.00 min
Lab File: BG033481.D
Acq: 2 Apr 2018 11:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.4	77.5	116.3
145	30.9	23.4	35.2

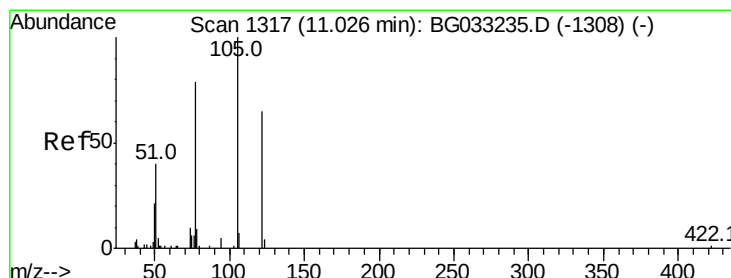
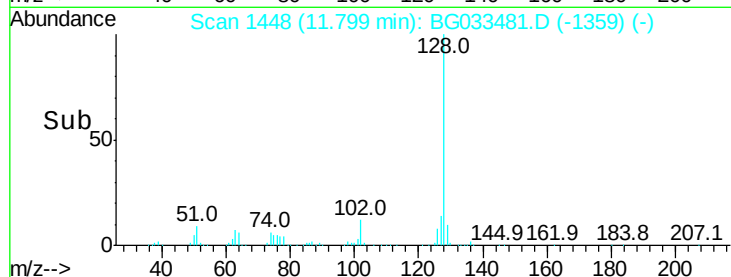
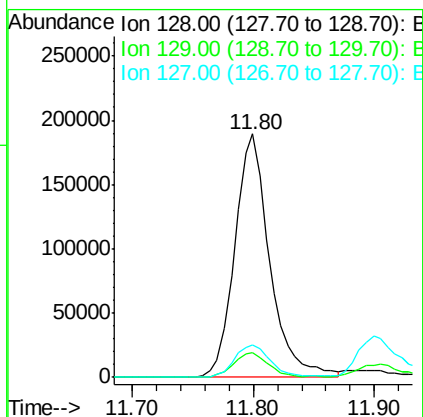
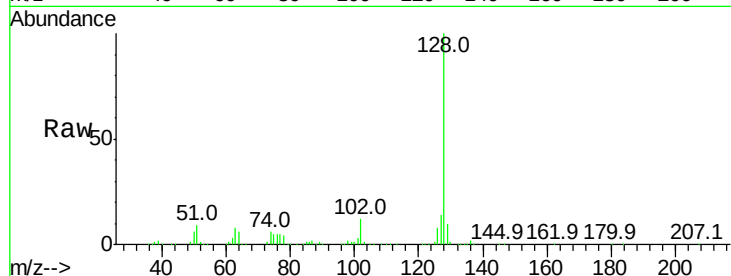




#31
Naphthalene
Concen: 43.164 ng
RT: 11.80 min Scan# 1448
Delta R.T. -0.00 min
Lab File: BG033481.D
Acq: 2 Apr 2018 11:16

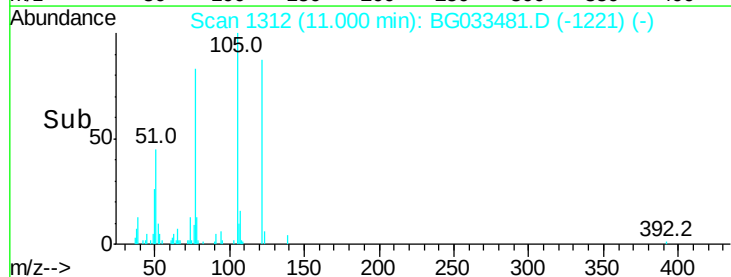
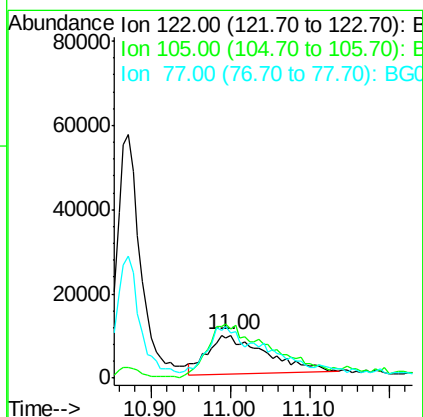
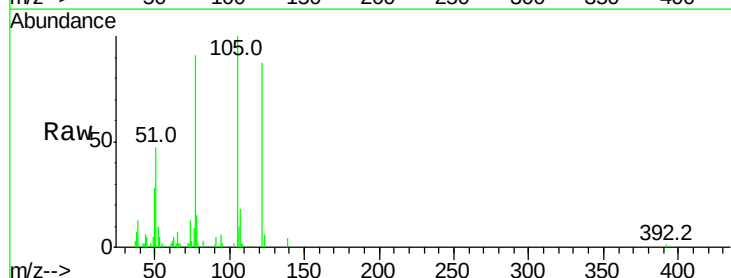
Instrument :
BNA_G
ClientSampleId :

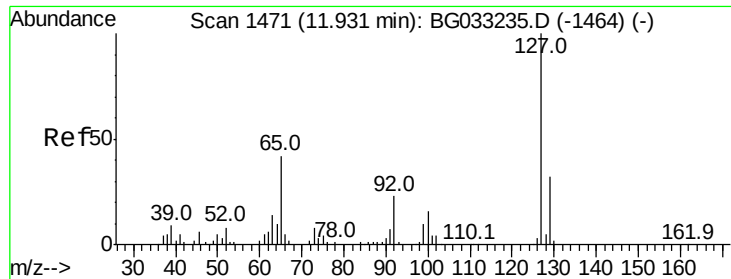
Tot Ion:128 Resp: 381627
Ion Ratio Lower Upper
128 100
129 10.0 8.6 12.8
127 13.6 11.6 17.4



#32
Benzoic acid
Concen: 23.203 ng
RT: 11.00 min Scan# 1312
Delta R.T. 0.01 min
Lab File: BG033481.D
Acq: 2 Apr 2018 11:16

Tgt Ion:122 Resp: 47154
Ion Ratio Lower Upper
122 100
105 114.4 123.5 163.5#
77 104.4 85.7 125.7

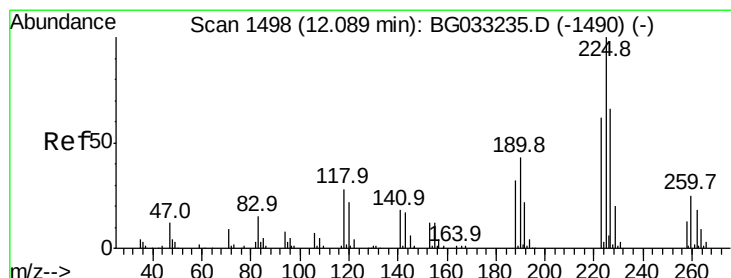
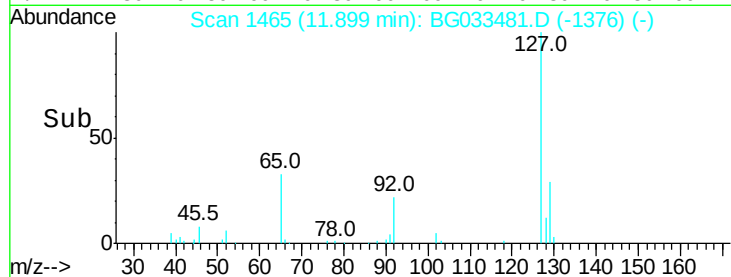
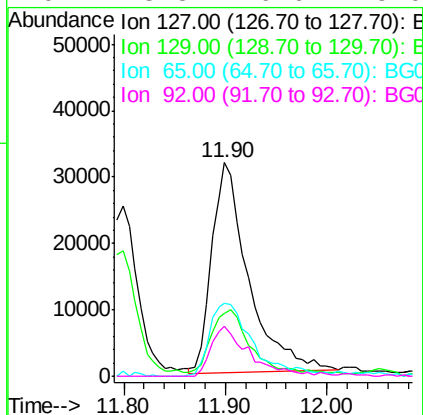
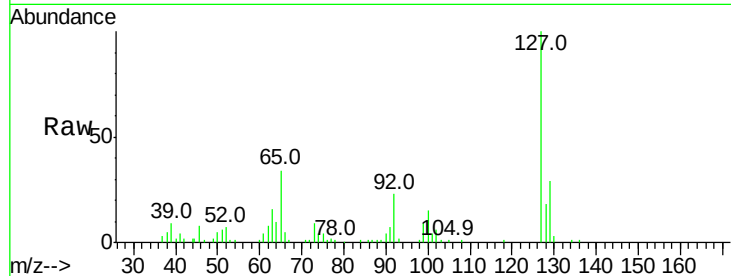




#33
4-Chloroaniline
Concen: 19.863 ng
RT: 11.90 min Scan# 1465
Delta R.T. -0.00 min
Lab File: BG033481.D
Acq: 2 Apr 2018 11:16

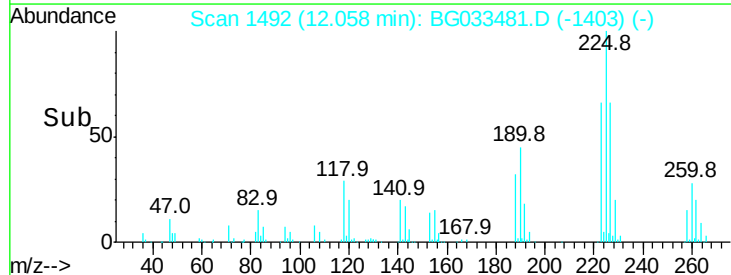
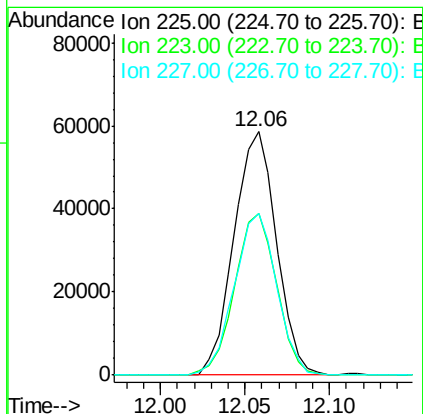
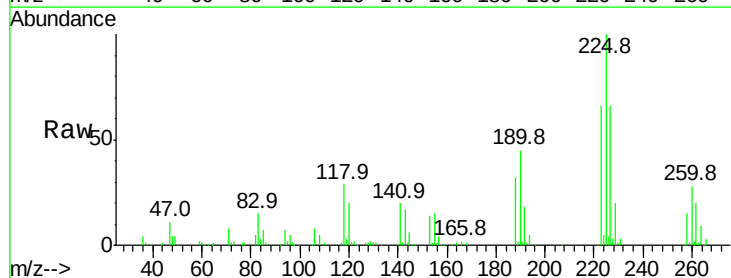
Instrument :
BNA_G
ClientSampled :

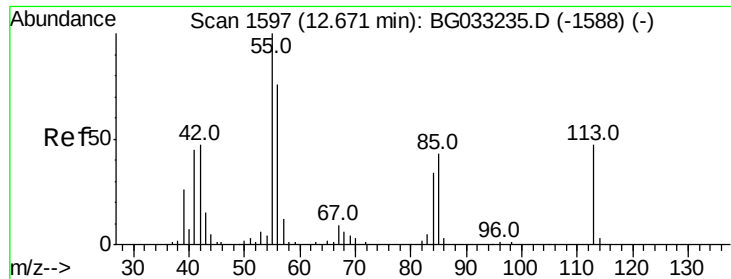
Tot Ion:	127	Resp:	78681
Ion	Ratio	Lower	Upper
127	100		
129	29.2	24.0	36.0
65	34.2	27.0	40.4
92	23.3	16.6	25.0



#34
Hexachlorobutadiene
Concen: 38.668 ng
RT: 12.06 min Scan# 1492
Delta R.T. -0.00 min
Lab File: BG033481.D
Acq: 2 Apr 2018 11:16

Tgt Ion:	225	Resp:	102143
Ion	Ratio	Lower	Upper
225	100		
223	66.4	49.7	74.5
227	66.4	48.1	72.1





#35

Caprolactam

Concen: 48.145 ng

RT: 12.65 min Scan# 1593

Delta R.T. 0.01 min

Lab File: BG033481.D

Acq: 2 Apr 2018 11:16

Instrument :

BNA_G

ClientSampleId :

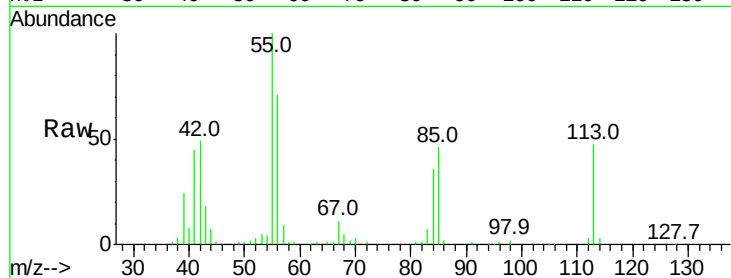
Tot Ion:113 Resp: 50709

Ion Ratio Lower Upper

113 100

55 211.5 186.9 226.9

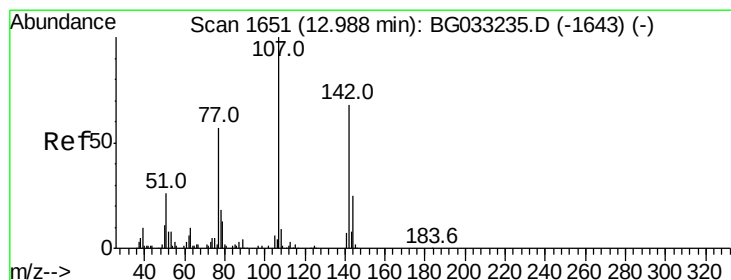
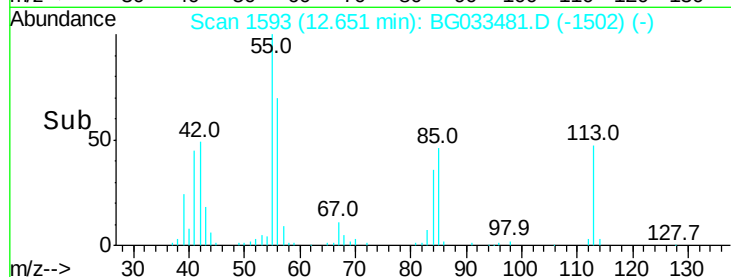
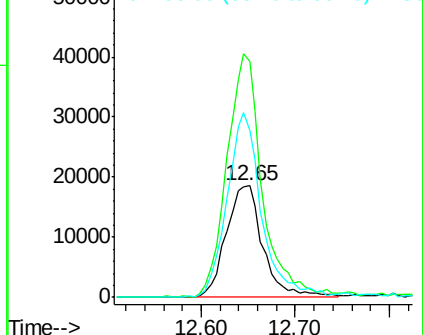
56 149.5 130.9 170.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 48.446 ng

RT: 12.97 min Scan# 1647

Delta R.T. 0.01 min

Lab File: BG033481.D

Acq: 2 Apr 2018 11:16

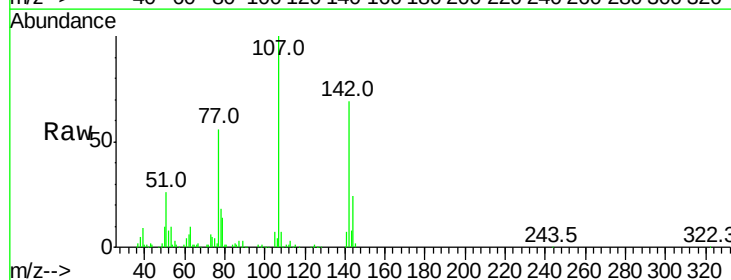
Tgt Ion:107 Resp: 169878

Ion Ratio Lower Upper

107 100

144 24.1 18.2 27.4

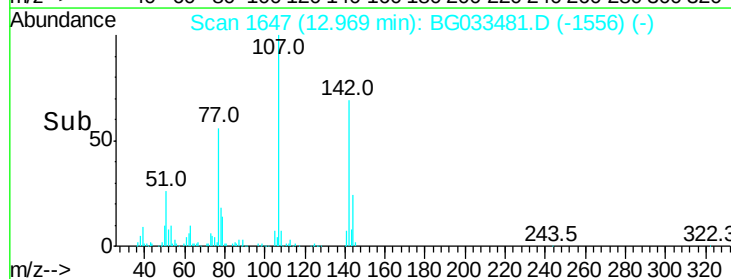
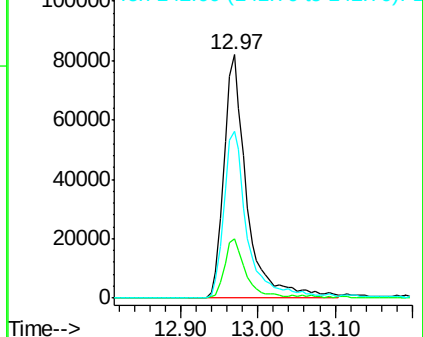
142 68.7 59.0 88.4

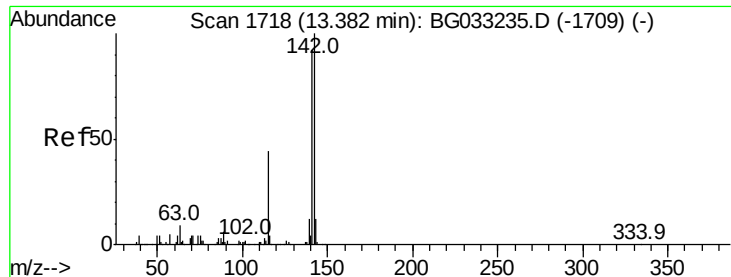


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 43.822 ng

RT: 13.35 min Scan# 1712

Delta R.T. -0.00 min

Lab File: BG033481.D

Acq: 2 Apr 2018 11:16

Instrument :

BNA_G

ClientSampleId :

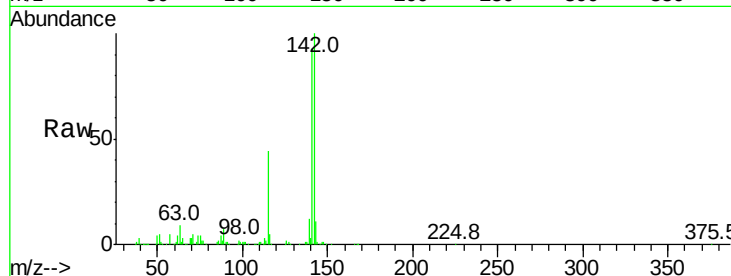
Tot Ion:142 Resp: 300729

Ion Ratio Lower Upper

142 100

141 92.6 67.1 100.7

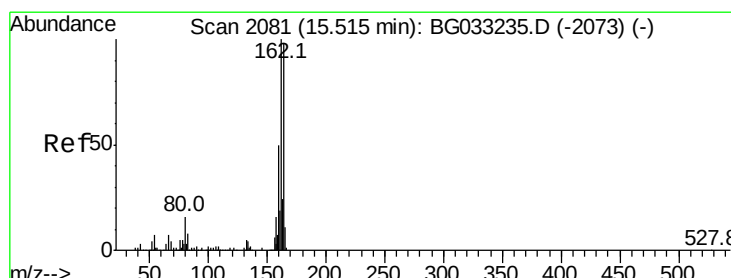
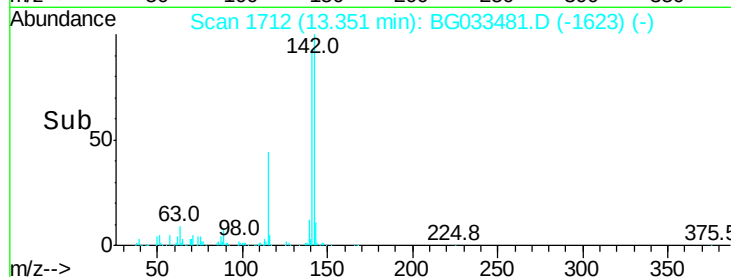
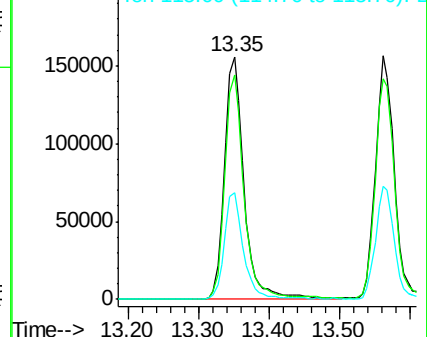
115 44.1 30.7 46.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.48 min Scan# 2075

Delta R.T. -0.00 min

Lab File: BG033481.D

Acq: 2 Apr 2018 11:16

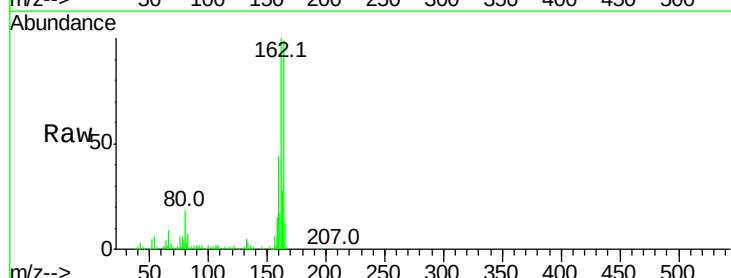
Tgt Ion:164 Resp: 127931

Ion Ratio Lower Upper

164 100

162 100.9 78.8 118.2

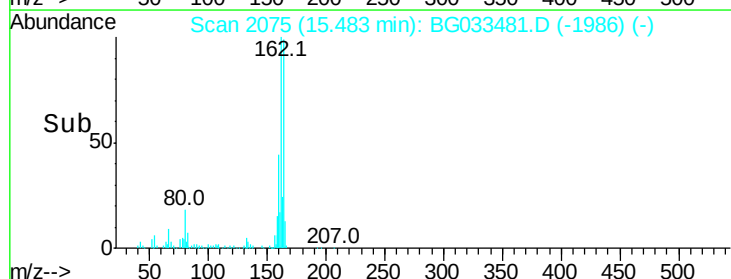
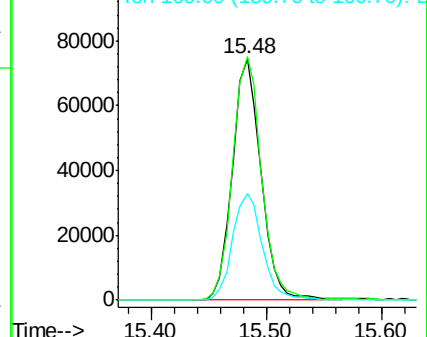
160 44.4 35.4 53.0

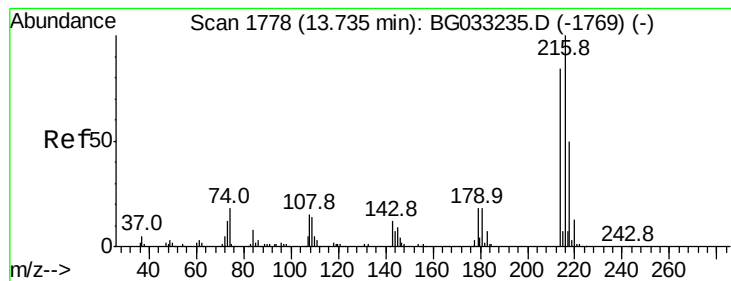


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.073 ng

RT: 13.70 min Scan# 1772

Delta R.T. -0.00 min

Lab File: BG033481.D

Acq: 2 Apr 2018 11:16

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 194966

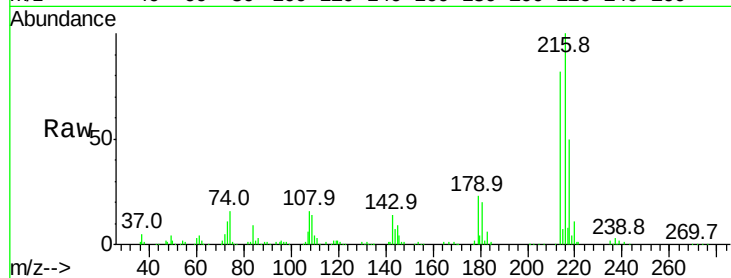
Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.0	94.4
179	20.6	17.0	25.6
108	18.5	12.8	19.2

216 100

214 78.7 63.0 94.4

179 20.6 17.0 25.6

108 18.5 12.8 19.2

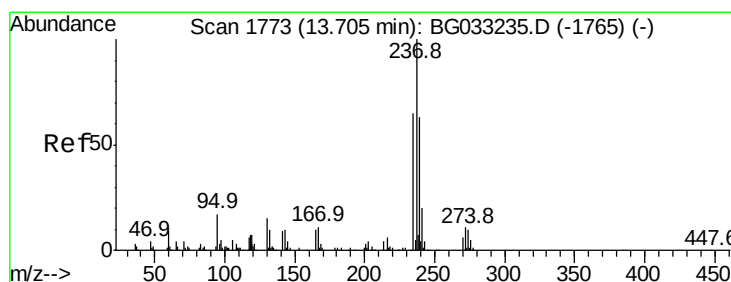
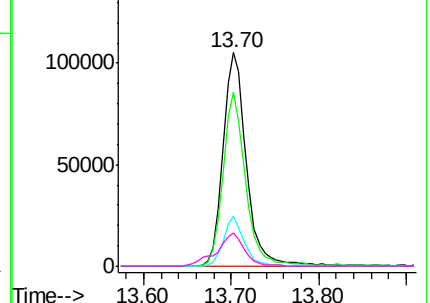
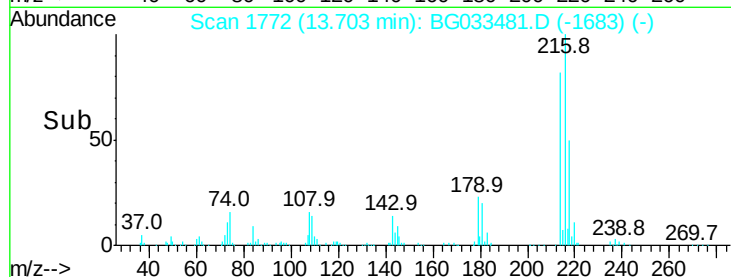


Abundance Ion 216.00 (215.70 to 216.70): E

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: 91.904 ng

RT: 13.67 min Scan# 1767

Delta R.T. -0.01 min

Lab File: BG033481.D

Acq: 2 Apr 2018 11:16

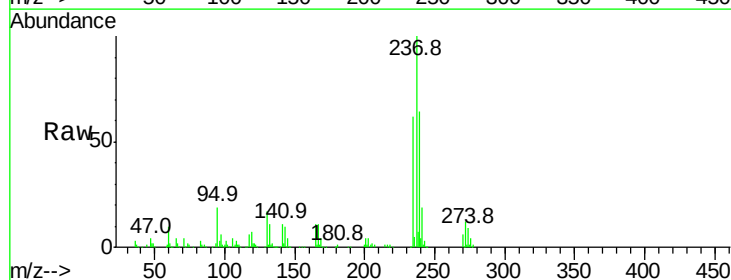
Tgt Ion:237 Resp: 249663

Ion	Ratio	Lower	Upper
237	100		
235	61.6	50.4	90.4
272	11.7	0.0	31.8

237 100

235 61.6 50.4 90.4

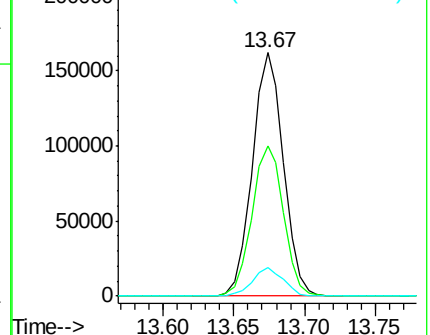
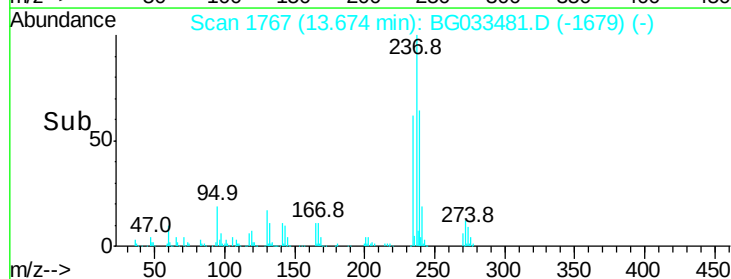
272 11.7 0.0 31.8

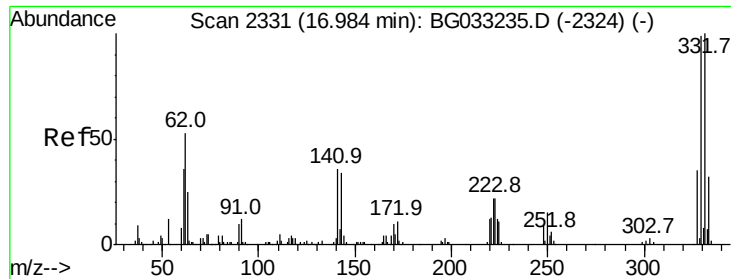


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

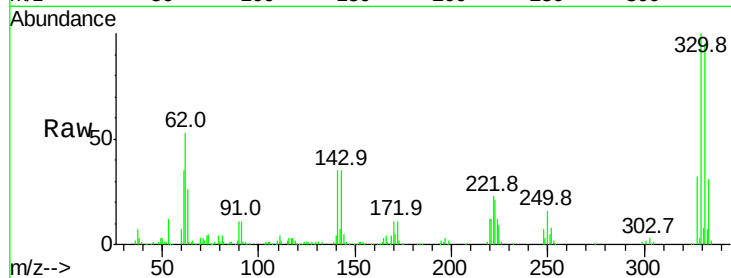




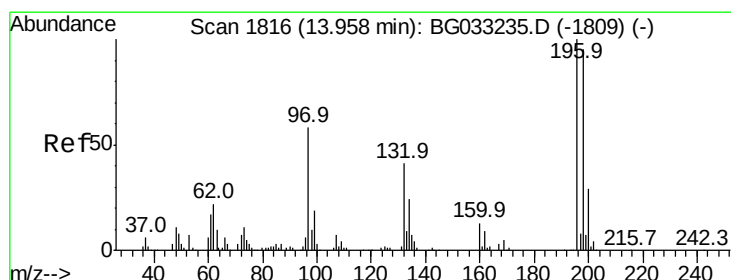
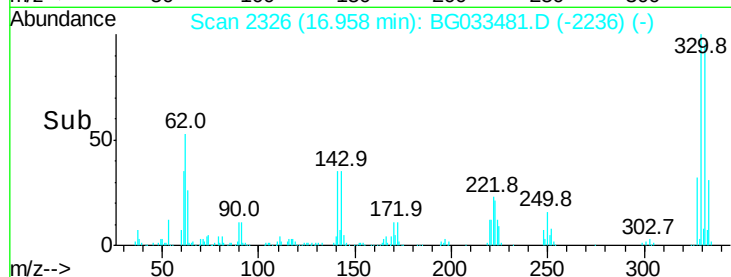
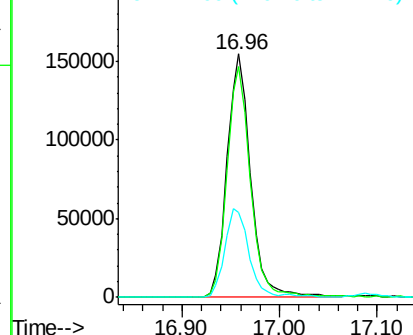
#41
 2,4,6-Tribromophenol
 Concen: 135.372 ng
 RT: 16.96 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: BG033481.D
 Acq: 2 Apr 2018 11:16

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:330 Resp: 259015
 Ion Ratio Lower Upper
 330 100
 332 94.2 77.0 115.6
 141 37.8 25.2 37.8#

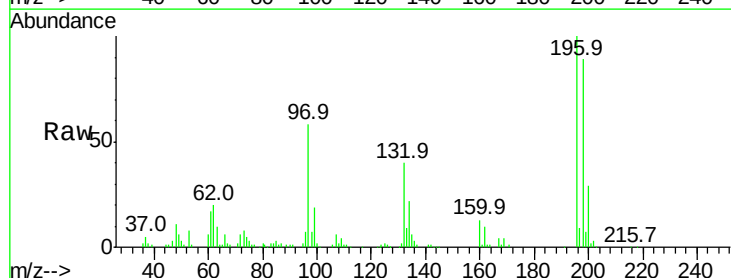


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

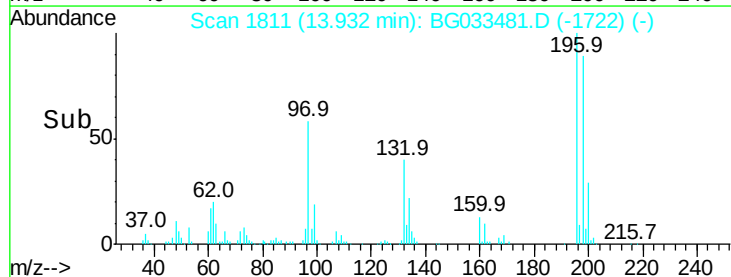
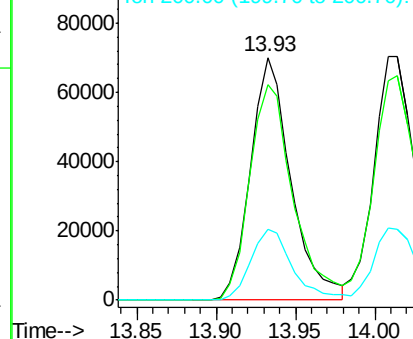


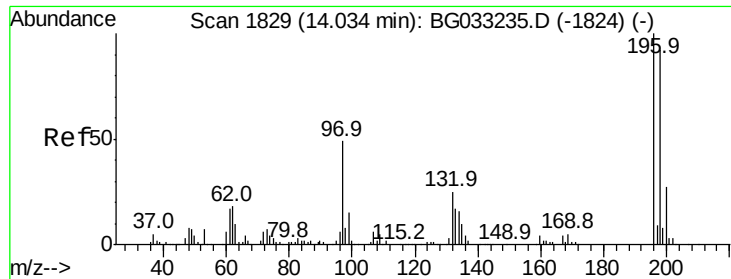
#42
 2,4,6-Trichlorophenol
 Concen: 46.202 ng
 RT: 13.93 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: BG033481.D
 Acq: 2 Apr 2018 11:16

Tgt Ion:196 Resp: 124393
 Ion Ratio Lower Upper
 196 100
 198 88.9 78.2 117.2
 200 29.3 24.6 36.8



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

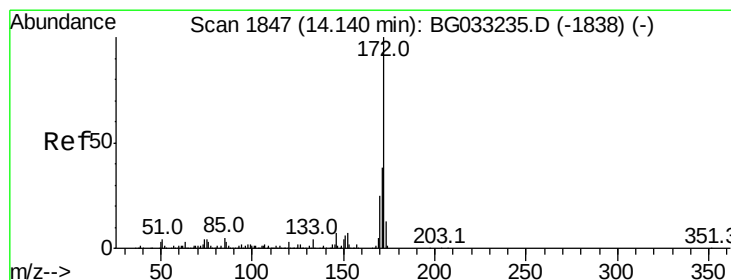
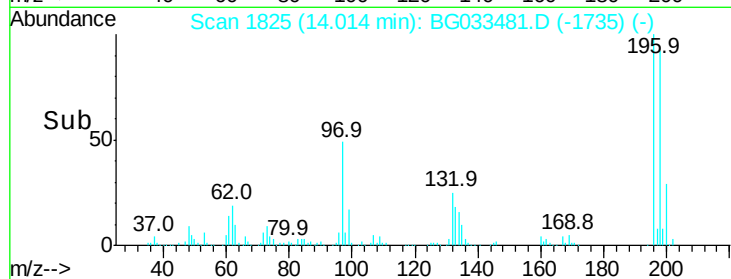
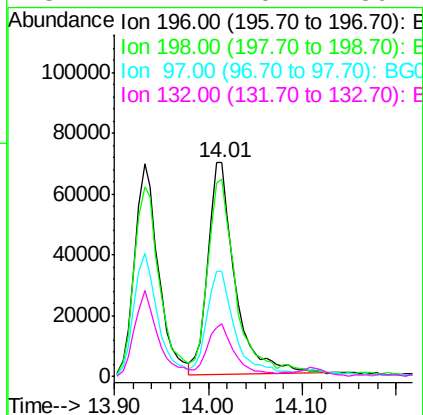
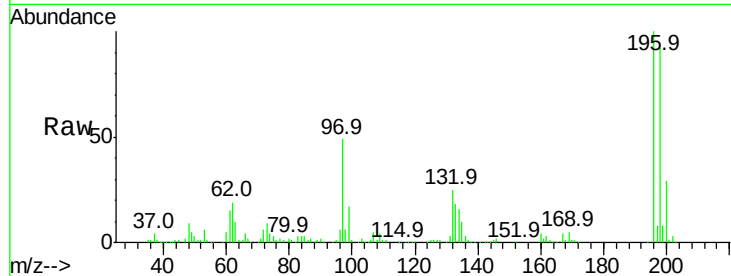




#43
 2,4,5-Trichlorophenol
 Concen: 44.742 ng
 RT: 14.01 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: BG033481.D
 Acq: 2 Apr 2018 11:16

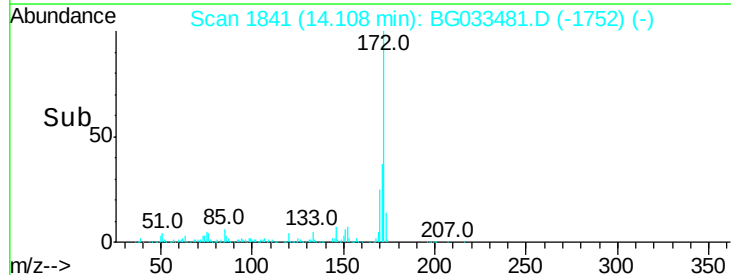
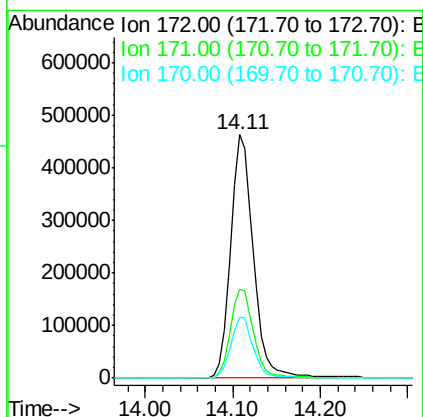
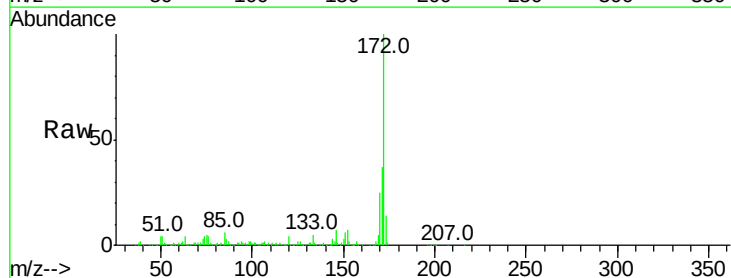
Instrument :
 BNA_G
 ClientSampleId :

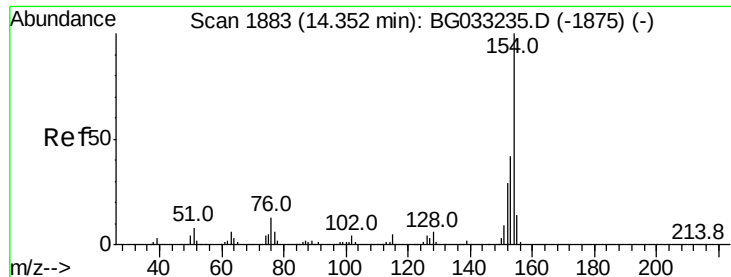
Tot Ion:	196	Resp:	142385
Ion	Ratio	Lower	Upper
196	100		
198	92.3	76.2	114.4
97	49.2	38.7	58.1
132	24.7	20.2	30.2



#44
 2-Fluorobiphenyl
 Concen: 92.336 ng
 RT: 14.11 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BG033481.D
 Acq: 2 Apr 2018 11:16

Tgt Ion:	172	Resp:	818260
Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.0	45.0
170	25.1	19.5	29.3





#45

1,1'-Biphenyl

Concen: 43.010 ng

RT: 14.32 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BG033481.D

Acq: 2 Apr 2018 11:16

Instrument :

BNA_G

ClientSampleId :

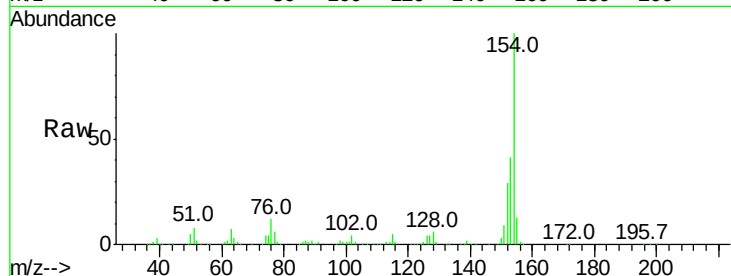
Tot Ion:154 Resp: 422725

Ion Ratio Lower Upper

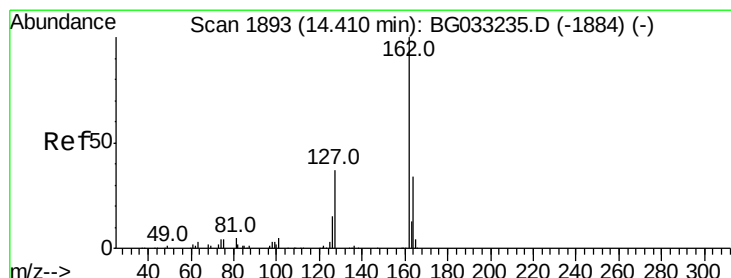
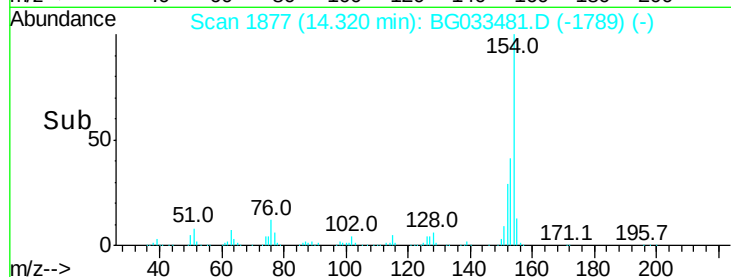
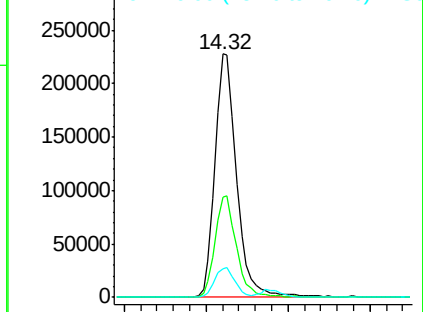
154 100

153 41.4 19.8 59.8

76 12.0 0.0 31.9



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



#46

2-Chloronaphthalene

Concen: 42.676 ng

RT: 14.38 min Scan# 1887

Delta R.T. -0.00 min

Lab File: BG033481.D

Acq: 2 Apr 2018 11:16

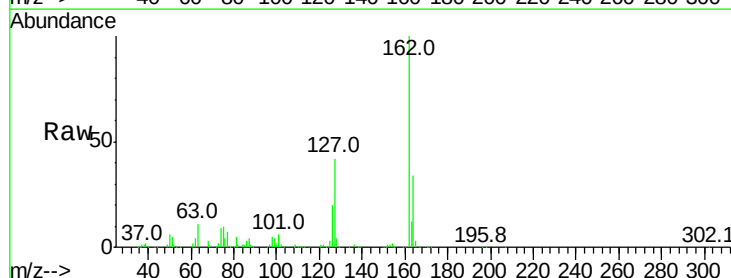
Tgt Ion:162 Resp: 323412

Ion Ratio Lower Upper

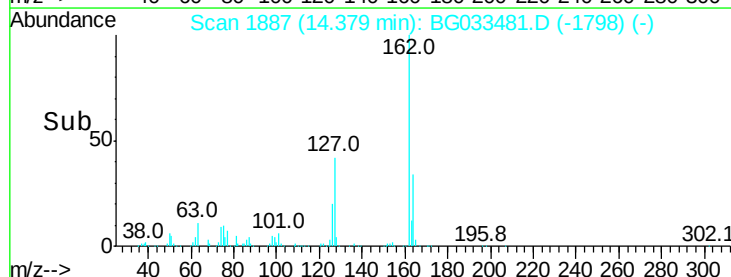
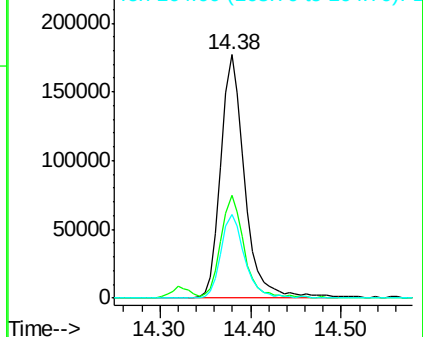
162 100

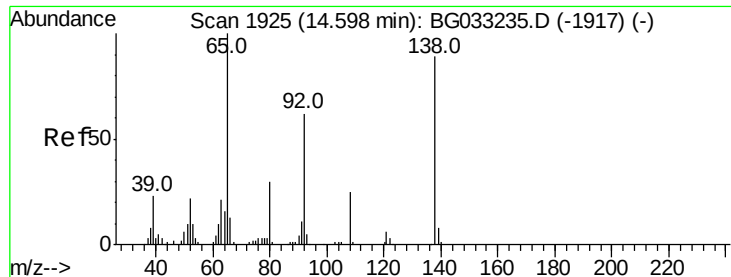
127 42.3 30.7 46.1

164 34.5 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

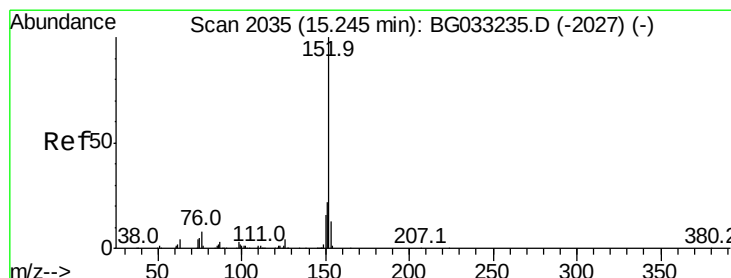
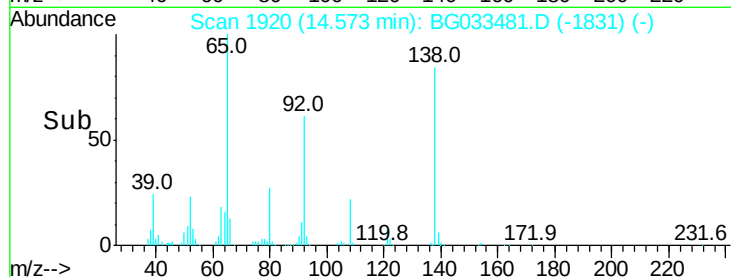
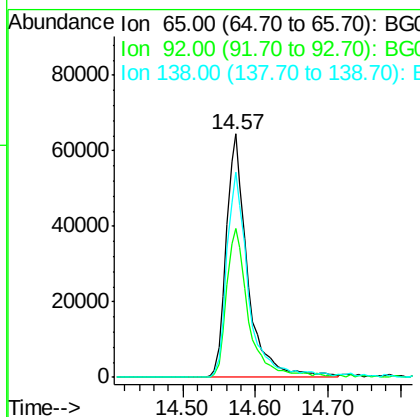
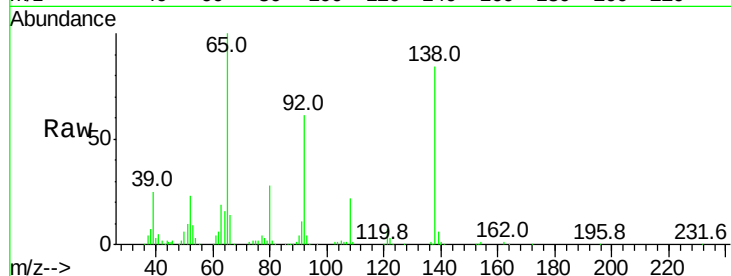




#47
2-Nitroaniline
Concen: 46.432 ng
RT: 14.57 min Scan# 1920
Delta R.T. -0.00 min
Lab File: BG033481.D
Acq: 2 Apr 2018 11:16

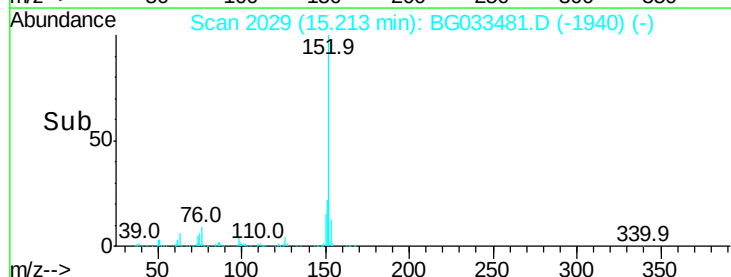
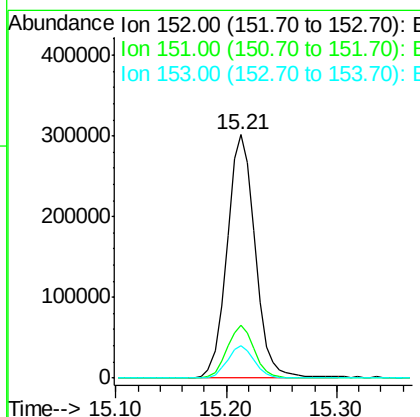
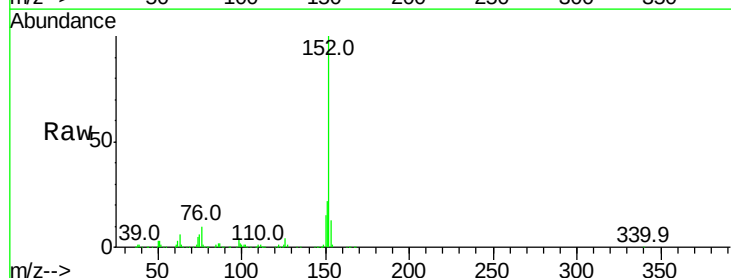
Instrument :
BNA_G
ClientSampleId :

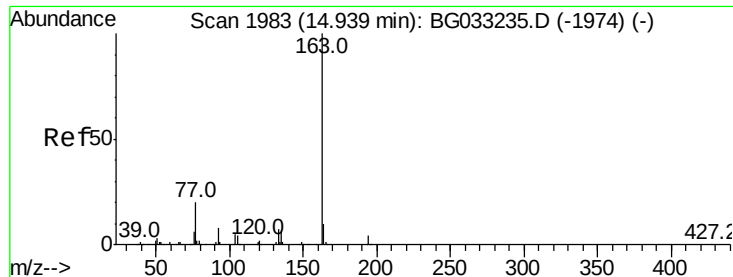
Tot Ion: 65 Resp: 131799
Ion Ratio Lower Upper
65 100
92 61.1 54.6 82.0
138 84.1 72.9 109.3



#48
Acenaphthylene
Concen: 42.058 ng
RT: 15.21 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BG033481.D
Acq: 2 Apr 2018 11:16

Tgt Ion: 152 Resp: 532020
Ion Ratio Lower Upper
152 100
151 21.6 17.2 25.8
153 13.3 10.2 15.4





#49

Dimethylphthalate

Concen: 42.015 ng

RT: 14.91 min Scan# 1977

Delta R.T. -0.00 min

Lab File: BG033481.D

Acq: 2 Apr 2018 11:16

Instrument :

BNA_G

ClientSampleId :

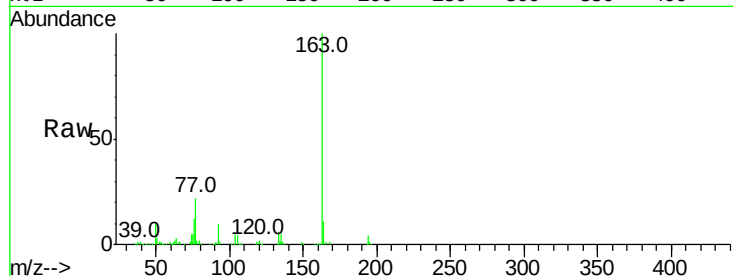
Tot Ion:163 Resp: 467777

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

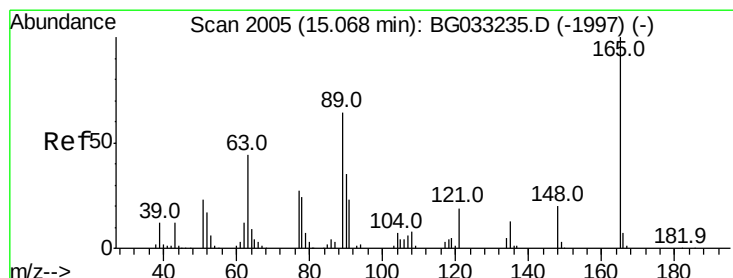
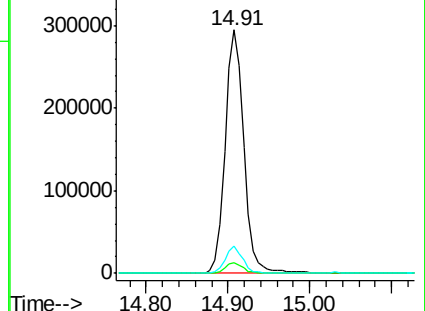
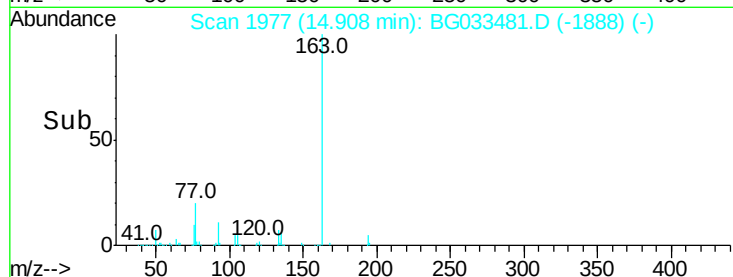
164 11.2 8.2 12.4



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: 45.370 ng

RT: 15.04 min Scan# 2000

Delta R.T. -0.00 min

Lab File: BG033481.D

Acq: 2 Apr 2018 11:16

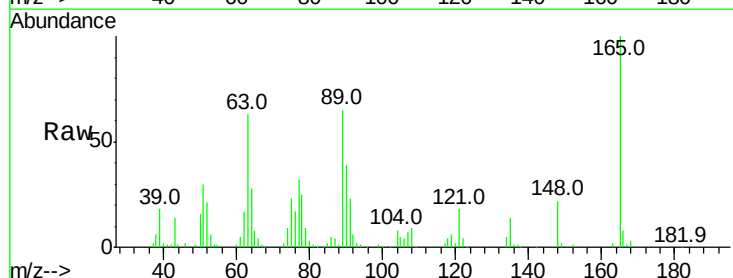
Tgt Ion:165 Resp: 103285

Ion Ratio Lower Upper

165 100

63 62.6 52.7 79.1

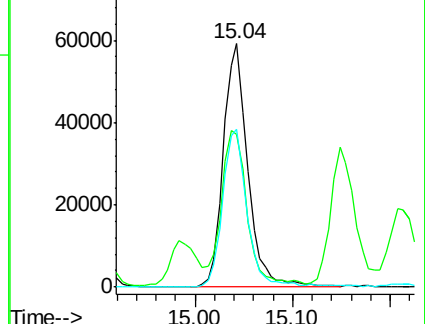
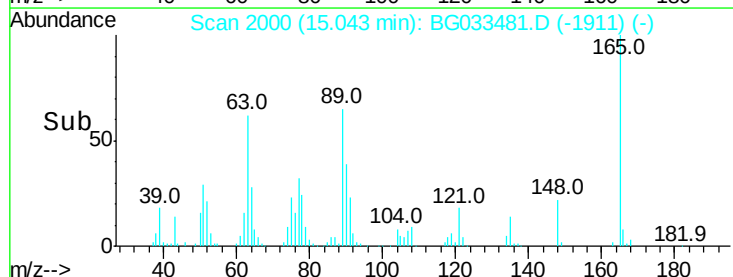
89 65.1 49.2 73.8

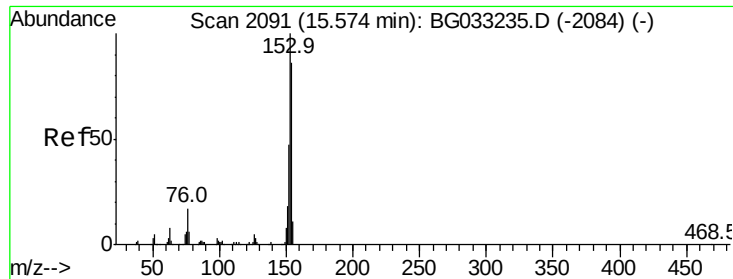


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG





#51

Acenaphthene

Concen: 42.674 ng

RT: 15.55 min Scan# 2086

Delta R.T. -0.00 min

Lab File: BG033481.D

Acq: 2 Apr 2018 11:16

Instrument :

BNA_G

ClientSampleId :

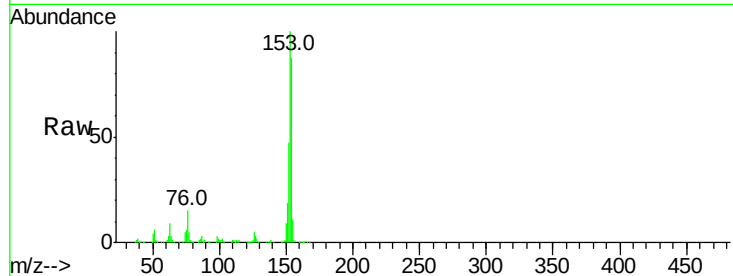
Tot Ion:154 Resp: 347989

Ion Ratio Lower Upper

154 100

153 115.0 90.4 135.6

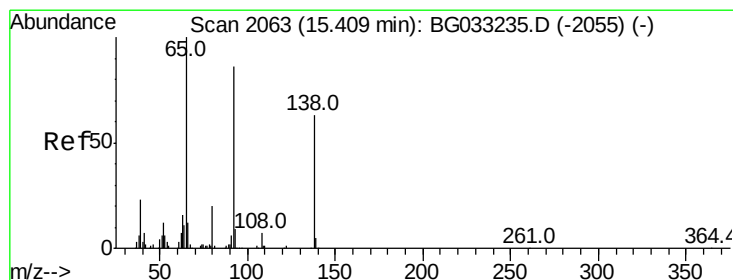
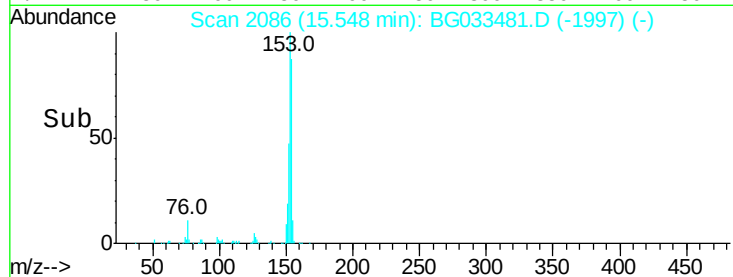
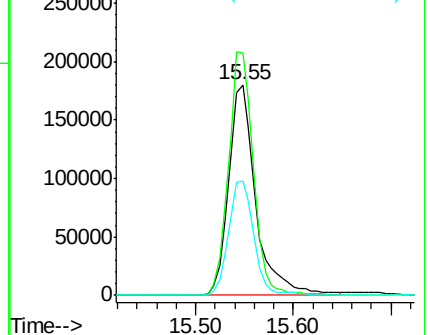
152 54.3 41.6 62.4



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: 25.130 ng

RT: 15.38 min Scan# 2058

Delta R.T. 0.00 min

Lab File: BG033481.D

Acq: 2 Apr 2018 11:16

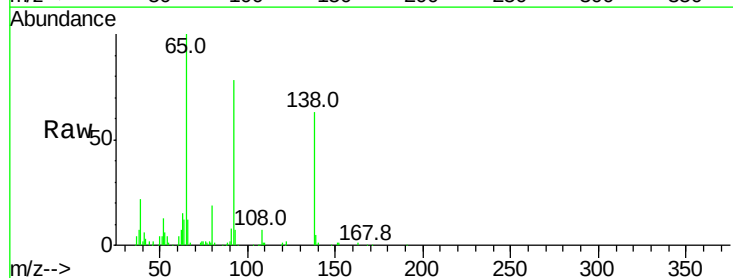
Tgt Ion:138 Resp: 59978

Ion Ratio Lower Upper

138 100

108 11.5 17.5 26.3#

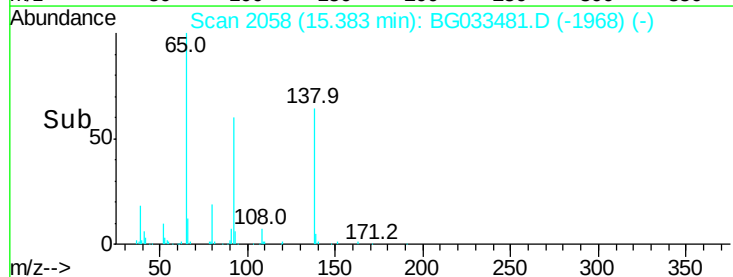
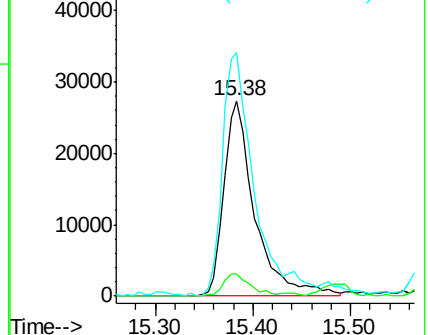
92 124.5 105.8 158.8

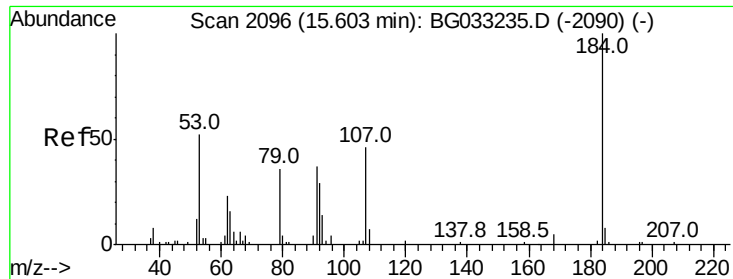


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

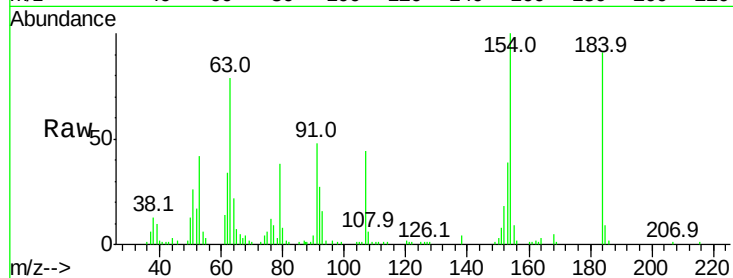




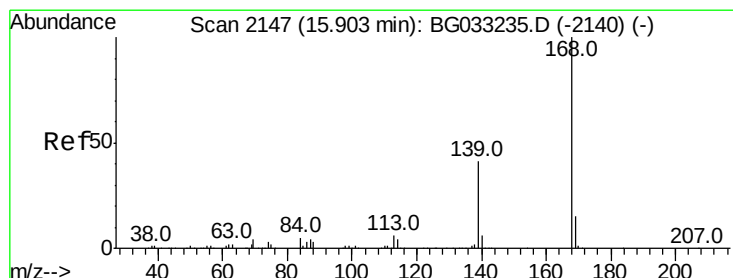
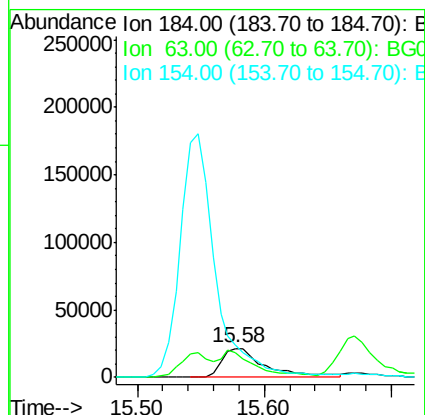
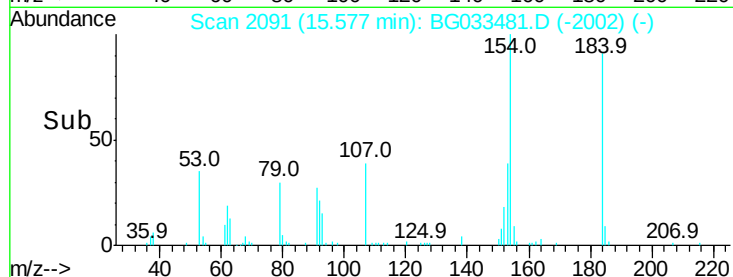
#53
2,4-Dinitrophenol
Concen: 47.358 ng
RT: 15.58 min Scan# 2091
Delta R.T. -0.00 min
Lab File: BG033481.D
Acq: 2 Apr 2018 11:16

Instrument :
BNA_G
ClientSampled :

Tot Ion:184 Resp: 51766
Ion Ratio Lower Upper
184 100
63 87.0 59.8 89.8
154 109.7 101.8 152.8

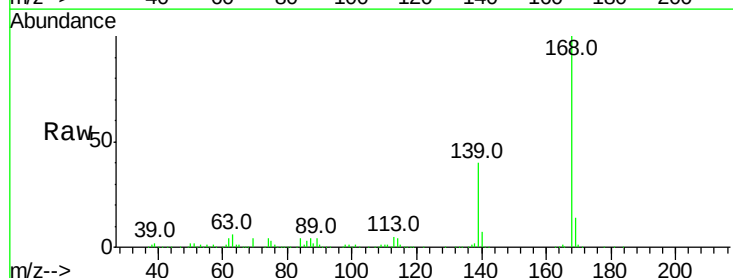


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

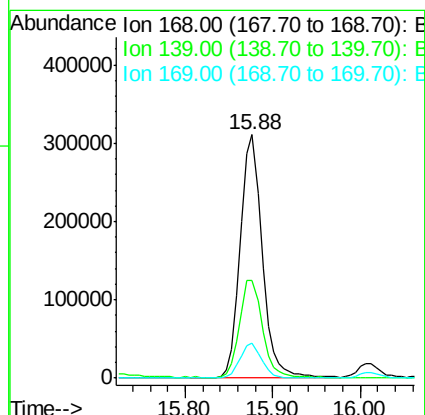
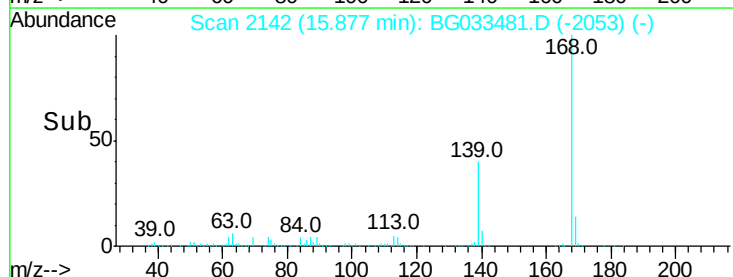


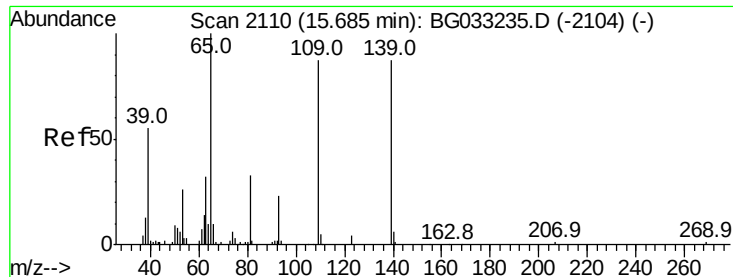
#54
Dibenzofuran
Concen: 43.693 ng
RT: 15.88 min Scan# 2142
Delta R.T. -0.00 min
Lab File: BG033481.D
Acq: 2 Apr 2018 11:16

Tgt Ion:168 Resp: 526300
Ion Ratio Lower Upper
168 100
139 40.3 28.6 43.0
169 14.4 11.2 16.8



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

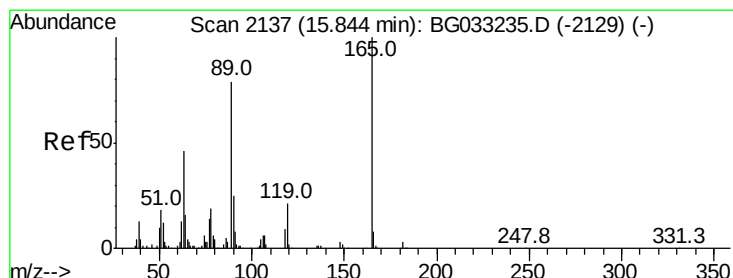
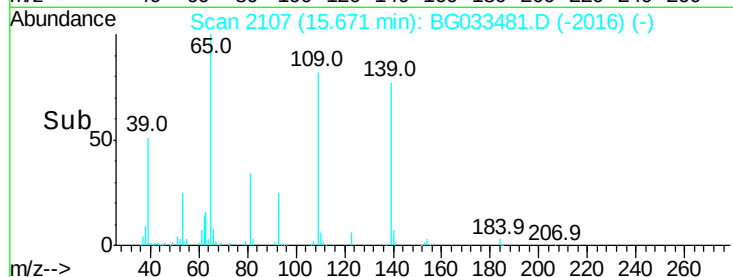
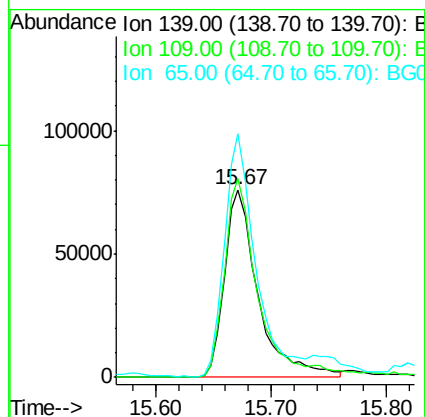
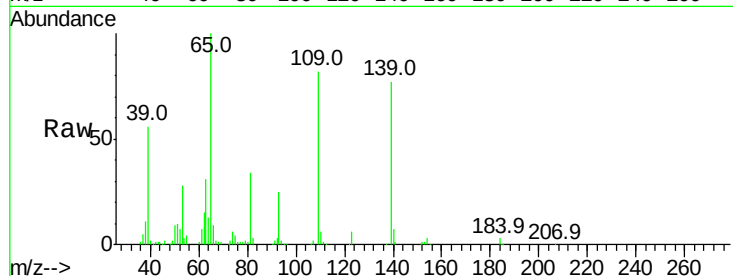




#55
4-Nitrophenol
Concen: 91.403 ng
RT: 15.67 min Scan# 2107
Delta R.T. 0.01 min
Lab File: BG033481.D
Acq: 2 Apr 2018 11:16

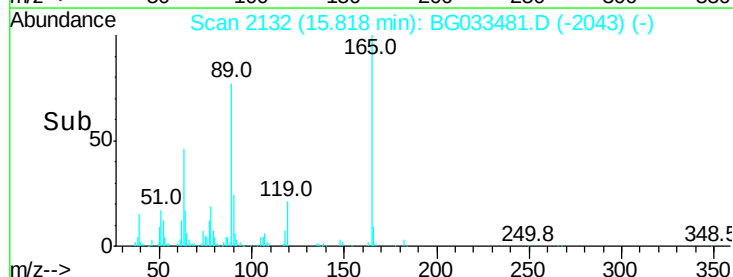
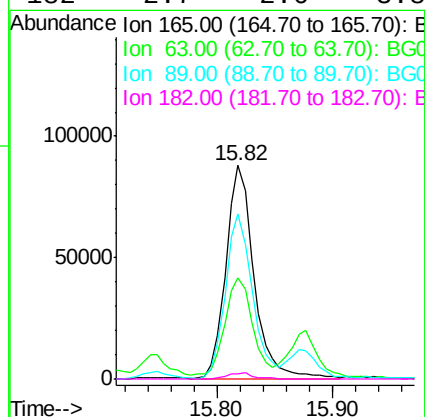
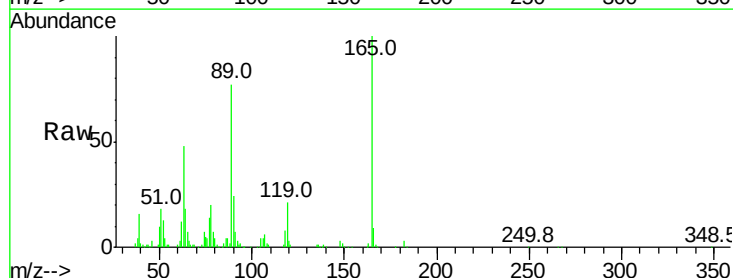
Instrument :
BNA_G
ClientSampleId :

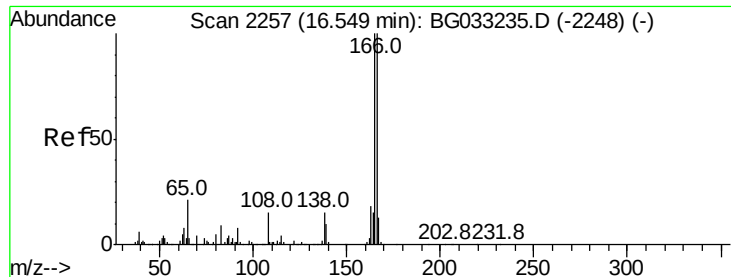
Tot Ion:139 Resp: 153396
Ion Ratio Lower Upper
139 100
109 106.5 62.2 102.2#
65 130.0 97.2 137.2



#56
2,4-Dinitrotoluene
Concen: 44.566 ng
RT: 15.82 min Scan# 2132
Delta R.T. -0.00 min
Lab File: BG033481.D
Acq: 2 Apr 2018 11:16

Tgt Ion:165 Resp: 149381
Ion Ratio Lower Upper
165 100
63 47.6 42.0 63.0
89 77.2 66.9 100.3
182 2.7 2.6 3.8





#57

Fluorene

Concen: 42.674 ng

RT: 16.52 min Scan# 2251

Delta R.T. -0.00 min

Lab File: BG033481.D

Acq: 2 Apr 2018 11:16

Instrument :

BNA_G

ClientSampleId :

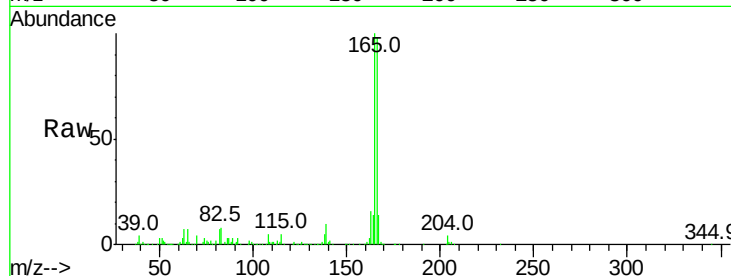
Tot Ion:166 Resp: 437910

Ion Ratio Lower Upper

166 100

165 102.3 80.6 121.0

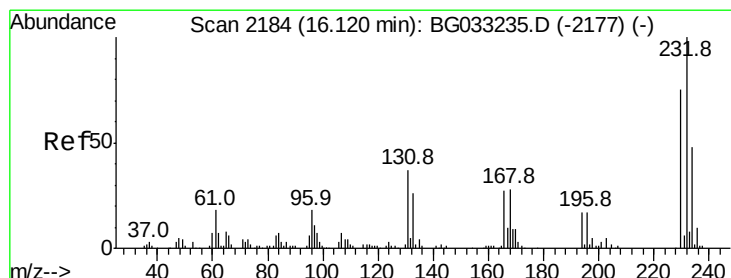
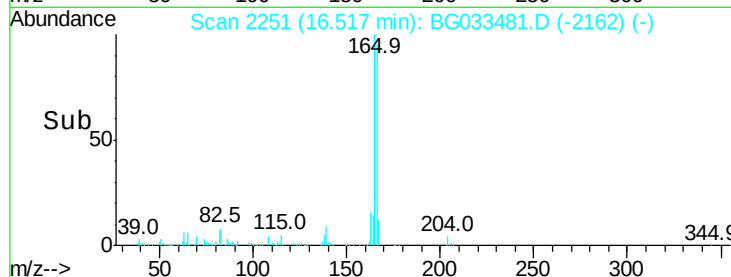
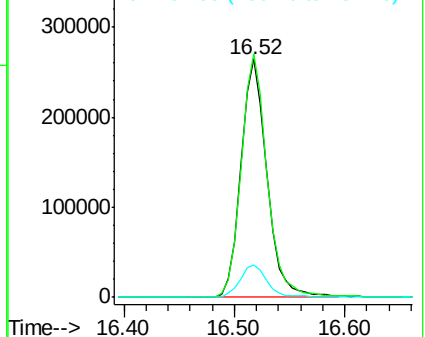
167 13.8 10.4 15.6



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: 47.947 ng

RT: 16.09 min Scan# 2178

Delta R.T. -0.00 min

Lab File: BG033481.D

Acq: 2 Apr 2018 11:16

Tgt Ion:232 Resp: 143645

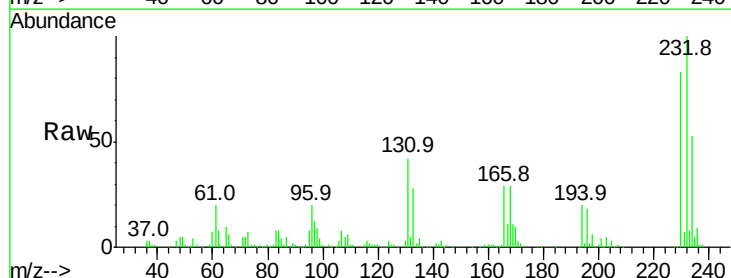
Ion Ratio Lower Upper

232 100

131 40.1 33.5 50.3

130 2.9 2.2 3.2

166 29.8 24.8 37.2

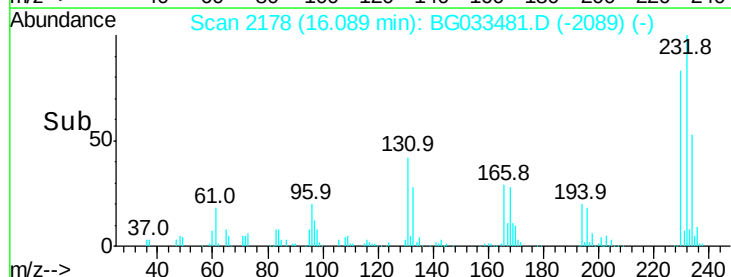
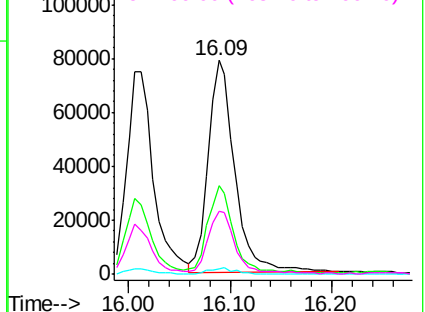


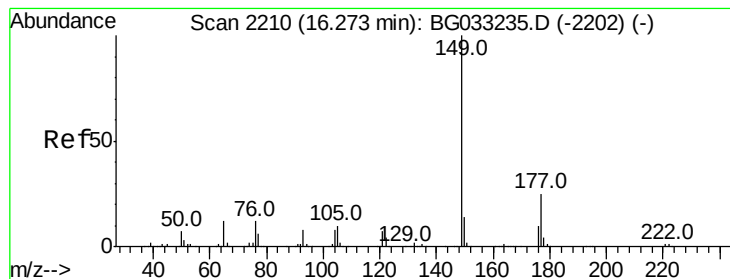
Abundance Ion 232.00 (231.70 to 232.70): E

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: 42.761 ng

RT: 16.25 min Scan# 2205

Delta R.T. -0.00 min

Lab File: BG033481.D

Acq: 2 Apr 2018 11:16

Instrument :

BNA_G

ClientSampleId :

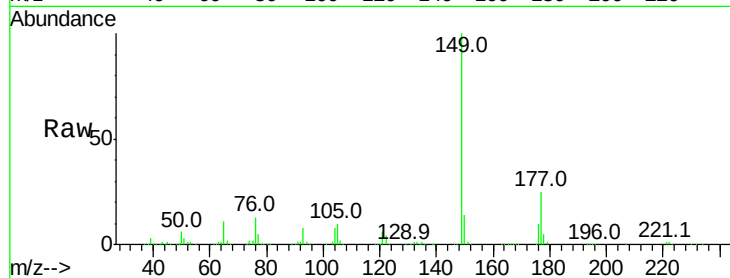
Tot Ion:149 Resp: 462279

Ion Ratio Lower Upper

149 100

177 25.0 18.5 27.7

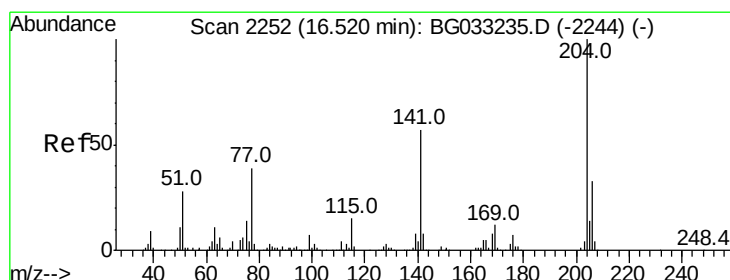
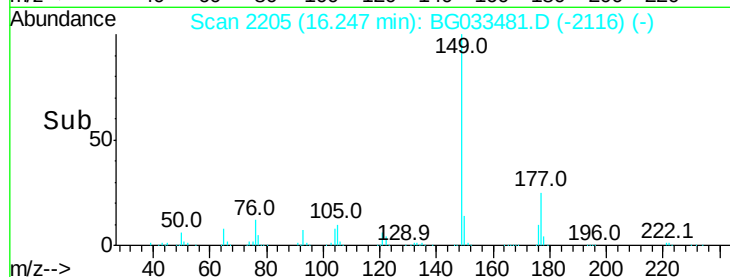
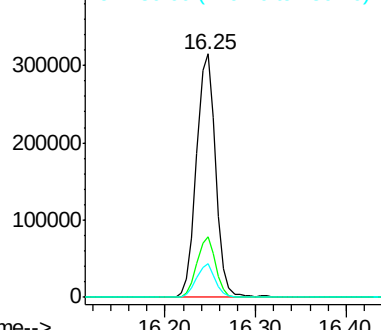
150 13.7 10.2 15.2



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: 42.094 ng

RT: 16.49 min Scan# 2246

Delta R.T. -0.01 min

Lab File: BG033481.D

Acq: 2 Apr 2018 11:16

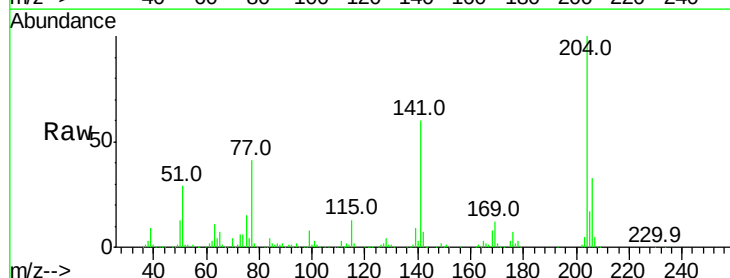
Tgt Ion:204 Resp: 248305

Ion Ratio Lower Upper

204 100

206 32.9 26.2 39.2

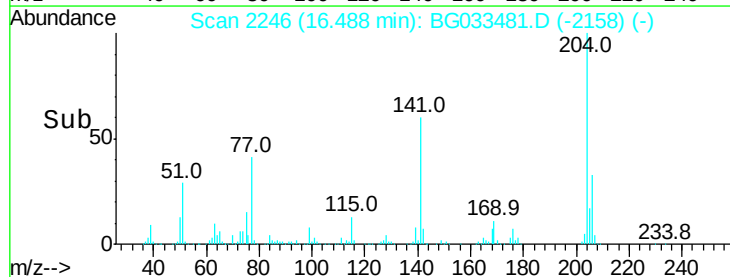
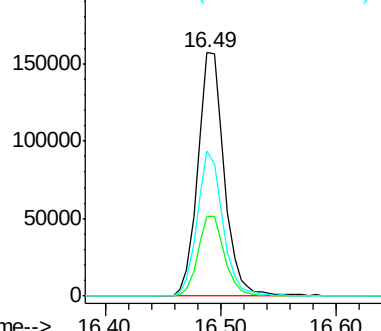
141 59.8 45.8 68.6

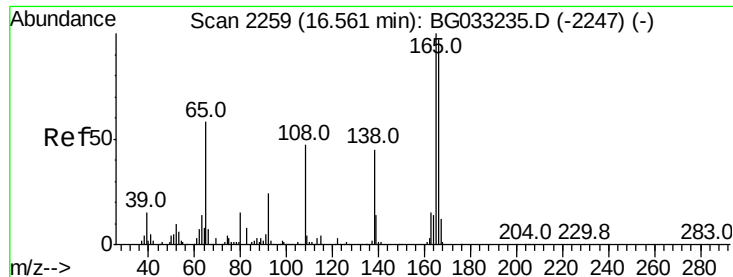


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

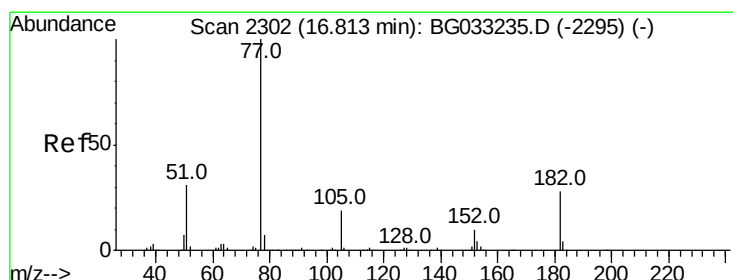
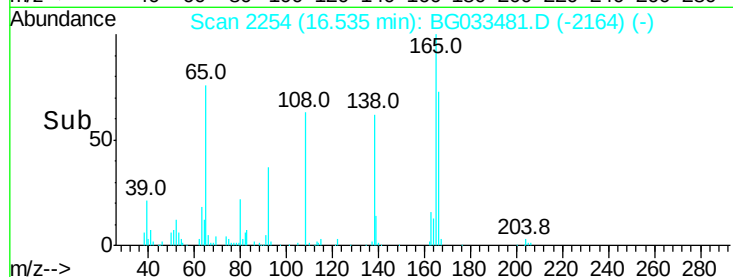
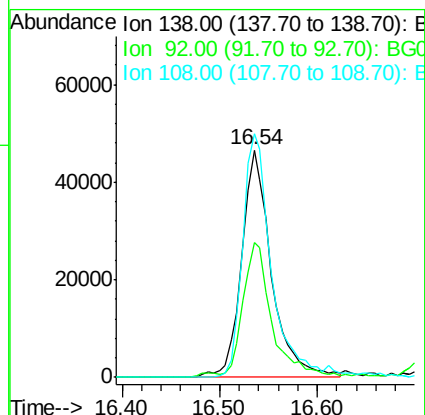
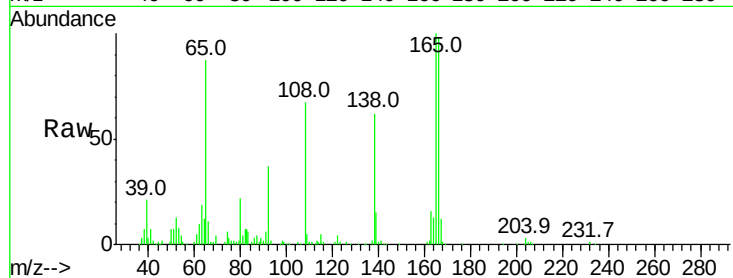




#61
4-Nitroaniline
Concen: 41.178 ng
RT: 16.54 min Scan# 2254
Delta R.T. 0.00 min
Lab File: BG033481.D
Acq: 2 Apr 2018 11:16

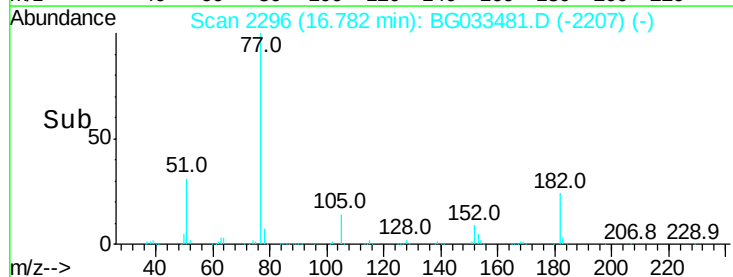
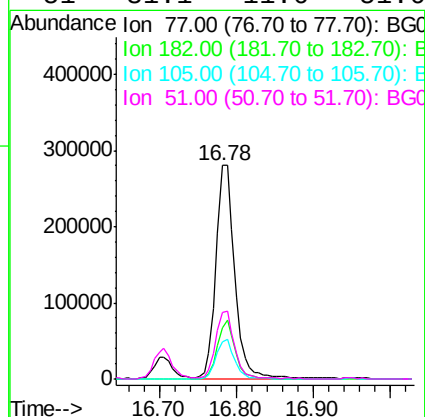
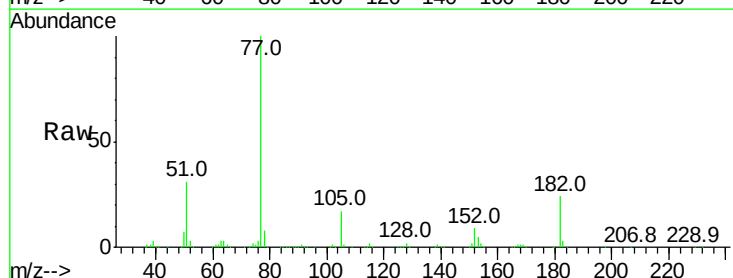
Instrument :
BNA_G
ClientSampleId :

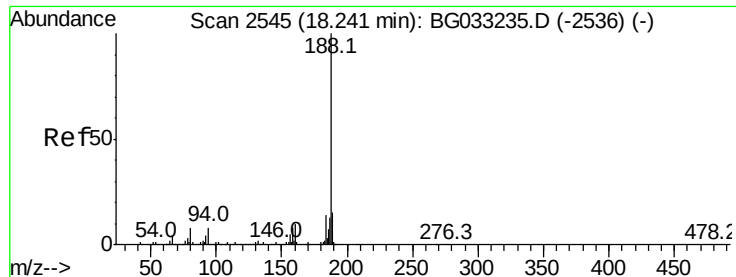
Tot Ion:138 Resp: 99524
Ion Ratio Lower Upper
138 100
92 59.1 40.1 80.1
108 107.0 65.4 105.4#



#62
Azobenzene
Concen: 44.524 ng
RT: 16.78 min Scan# 2296
Delta R.T. -0.00 min
Lab File: BG033481.D
Acq: 2 Apr 2018 11:16

Tgt Ion: 77 Resp: 466276
Ion Ratio Lower Upper
77 100
182 23.8 7.4 47.4
105 17.2 0.3 40.3
51 31.1 11.6 51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.22 min Scan# 2540

Delta R.T. 0.00 min

Lab File: BG033481.D

Acq: 2 Apr 2018 11:16

Instrument :

BNA_G

ClientSampled :

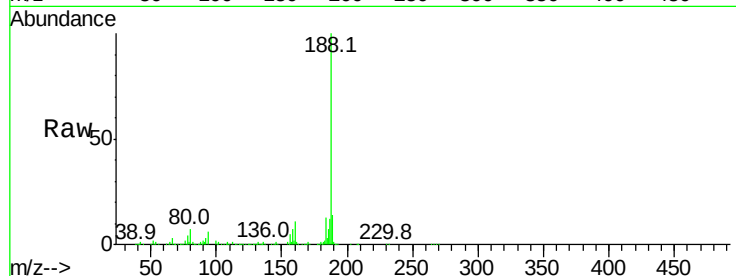
Tot Ion:188 Resp: 330455

Ion Ratio Lower Upper

188 100

94 6.3 6.9 10.3#

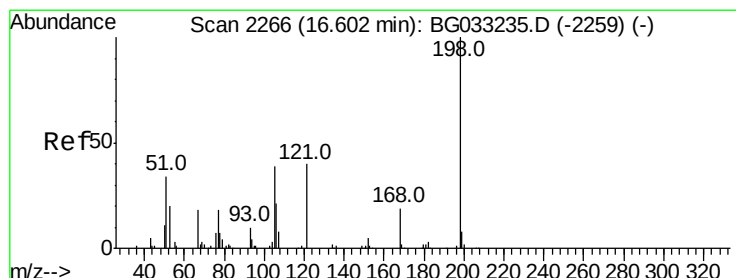
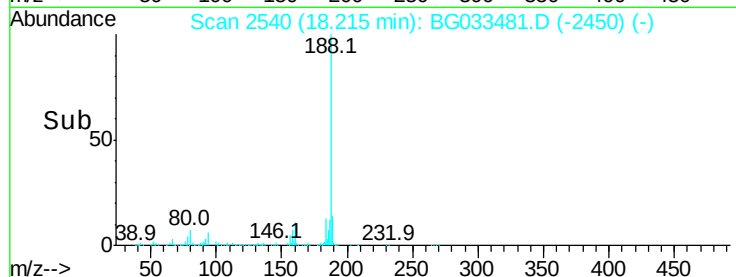
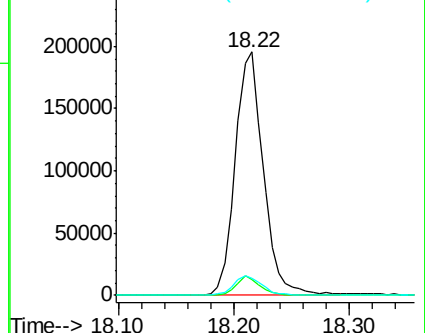
80 6.8 7.7 11.5#



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: 28.821 ng

RT: 16.58 min Scan# 2261

Delta R.T. 0.00 min

Lab File: BG033481.D

Acq: 2 Apr 2018 11:16

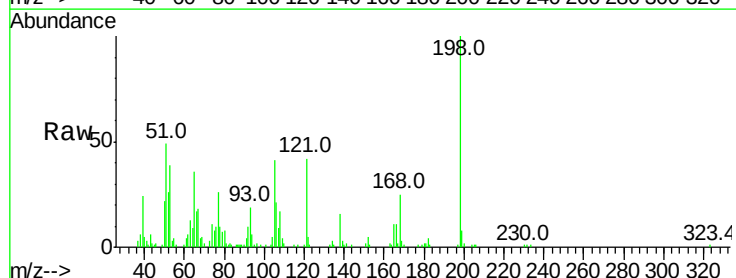
Tgt Ion:198 Resp: 56976

Ion Ratio Lower Upper

198 100

51 49.3 30.6 70.6

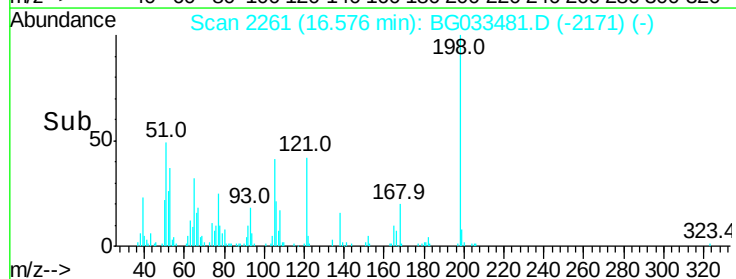
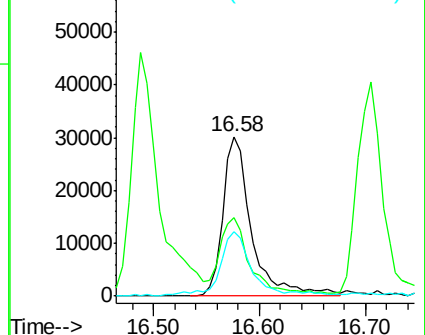
105 40.8 23.8 63.8

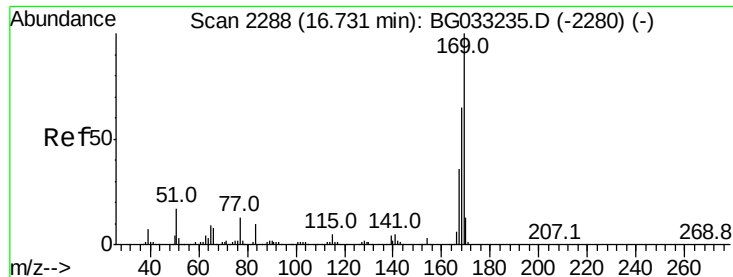


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 42.929 ng

RT: 16.71 min Scan# 2283

Delta R.T. -0.00 min

Lab File: BG033481.D

Acq: 2 Apr 2018 11:16

Instrument :

BNA_G

ClientSampleId :

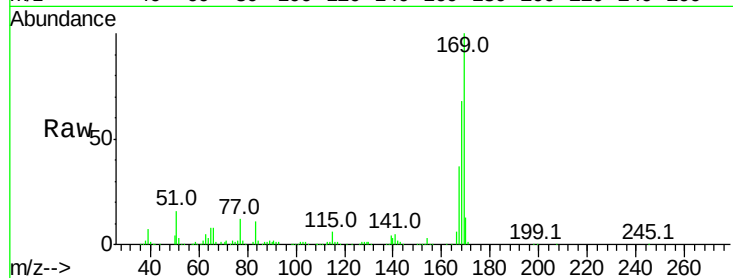
Tot Ion:169 Resp: 404993

Ion Ratio Lower Upper

169 100

168 68.3 55.7 83.5

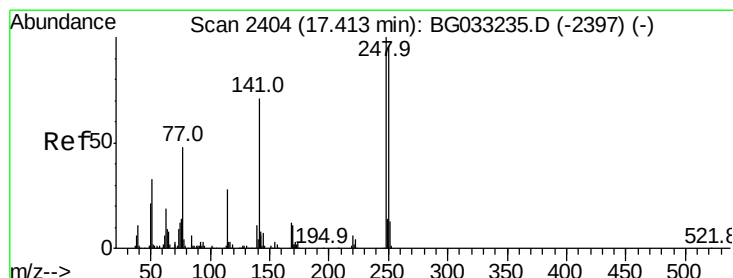
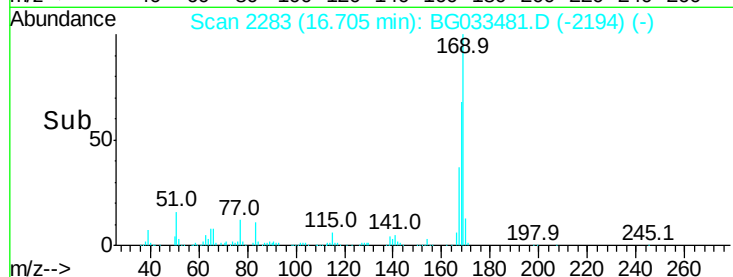
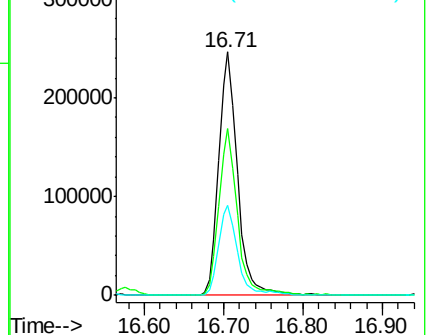
167 37.1 30.1 45.1



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 42.073 ng

RT: 17.38 min Scan# 2398

Delta R.T. -0.00 min

Lab File: BG033481.D

Acq: 2 Apr 2018 11:16

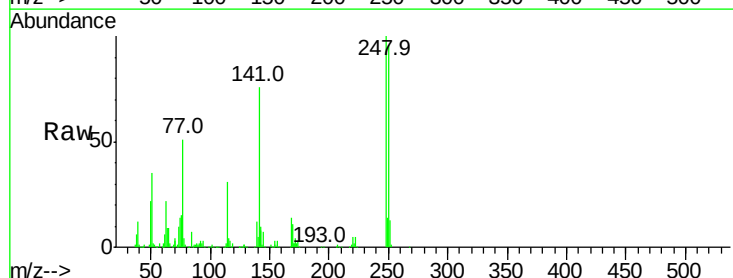
Tgt Ion:248 Resp: 163280

Ion Ratio Lower Upper

248 100

250 95.9 77.1 115.7

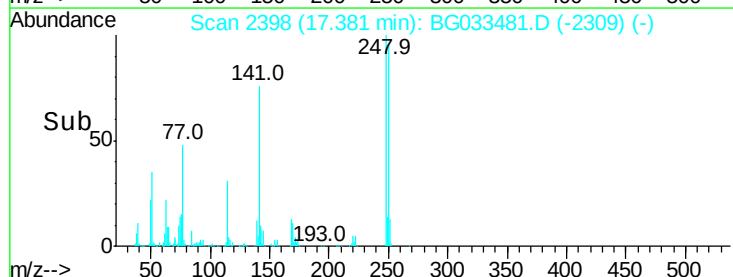
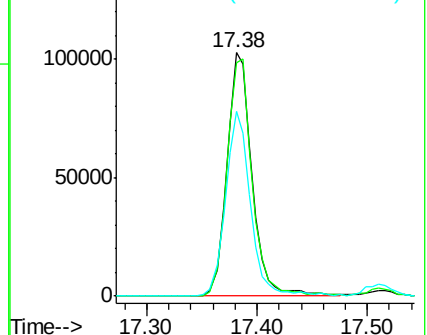
141 75.9 50.8 76.2

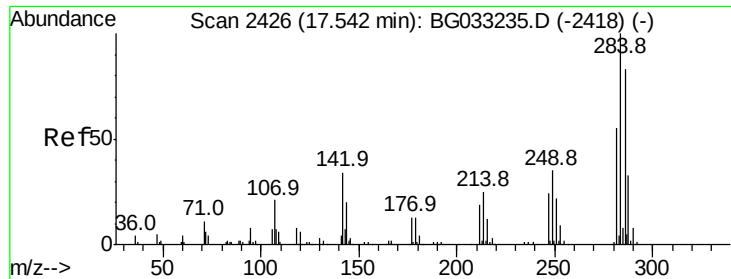


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 41.642 ng

RT: 17.51 min Scan# 2420

Delta R.T. -0.01 min

Lab File: BG033481.D

Acq: 2 Apr 2018 11:16

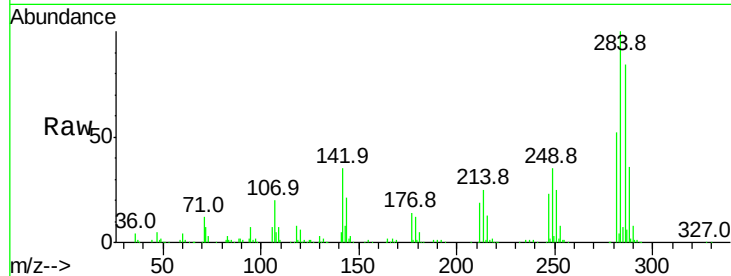
Instrument :

BNA_G

ClientSampleId :

Tot Ion:284 Resp: 170556

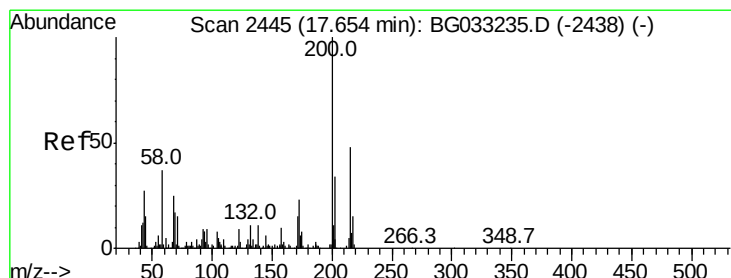
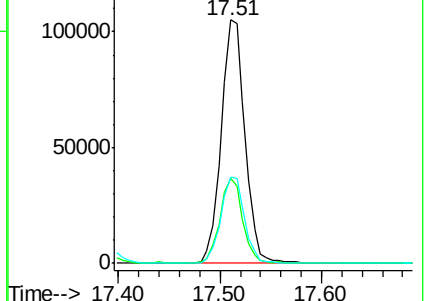
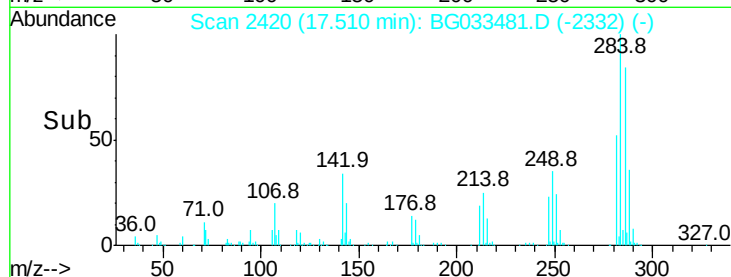
Ion	Ratio	Lower	Upper
284	100		
142	35.1	26.8	40.2
249	35.2	26.3	39.5



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: 45.451 ng

RT: 17.62 min Scan# 2439

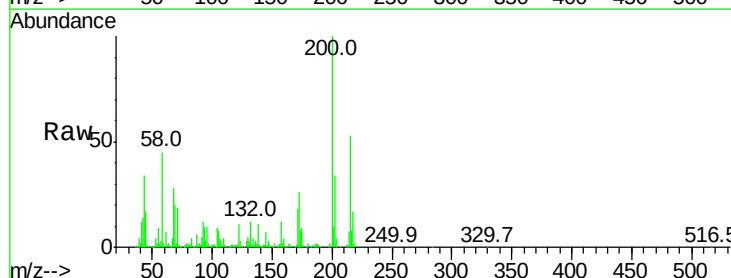
Delta R.T. -0.00 min

Lab File: BG033481.D

Acq: 2 Apr 2018 11:16

Tgt Ion:200 Resp: 173754

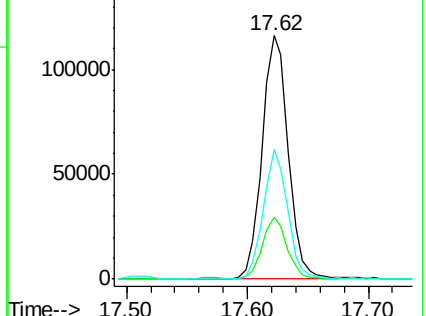
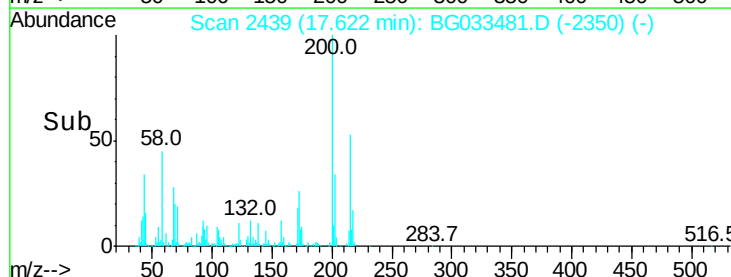
Ion	Ratio	Lower	Upper
200	100		
173	25.6	5.2	45.2
215	53.0	30.4	70.4

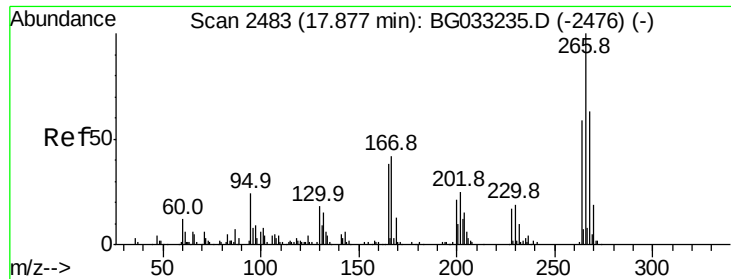


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

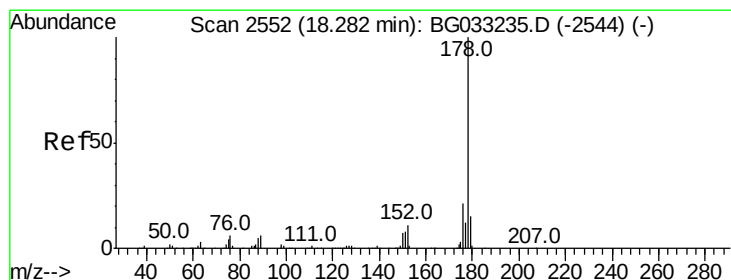
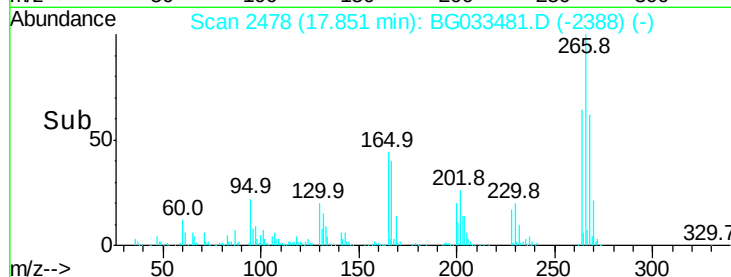
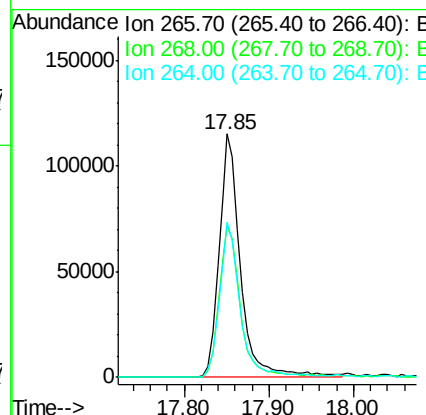
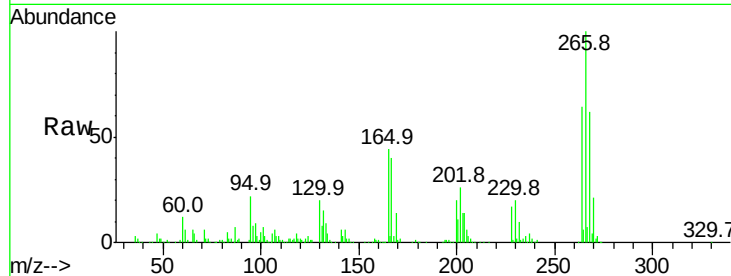




#69
 Pentachlorophenol
 Concen: 72.685 ng
 RT: 17.85 min Scan# 2478
 Delta R.T. 0.00 min
 Lab File: BG033481.D
 Acq: 2 Apr 2018 11:16

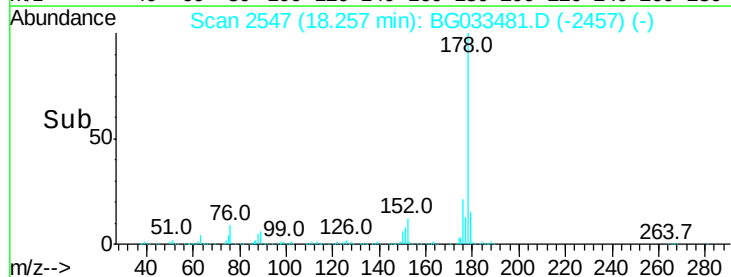
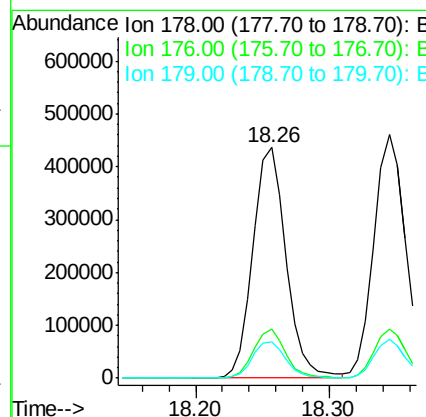
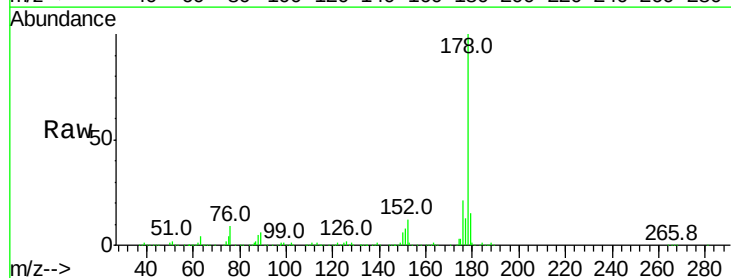
Instrument :
 BNA_G
 ClientSampleId :

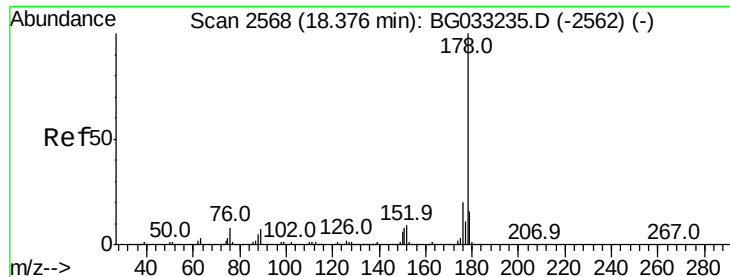
Tot Ion	Ratio	Lower	Upper
266	100		
268	62.4	51.1	76.7
264	63.6	49.6	74.4



#70
 Phenanthrene
 Concen: 43.505 ng
 RT: 18.26 min Scan# 2547
 Delta R.T. 0.00 min
 Lab File: BG033481.D
 Acq: 2 Apr 2018 11:16

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.1	15.7	23.5
179	15.5	12.5	18.7

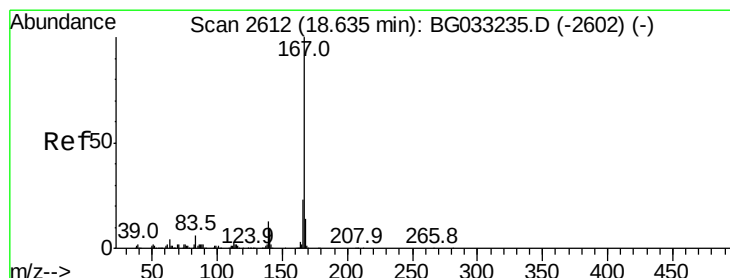
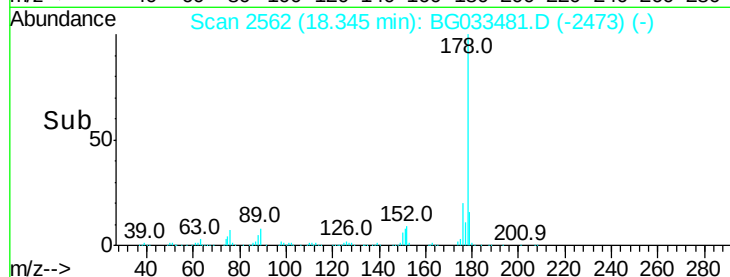
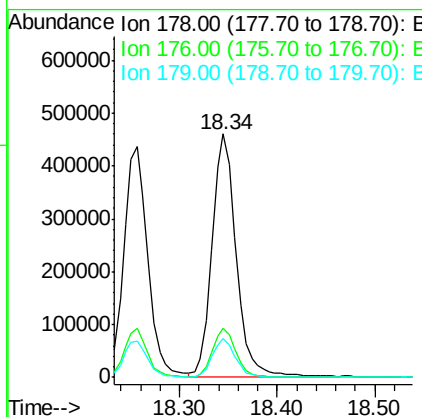
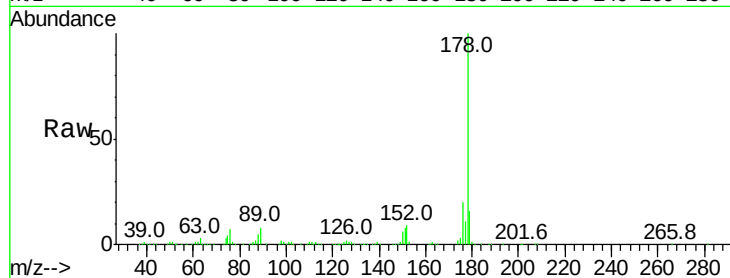




#71
 Anthracene
 Concen: 44.861 ng
 RT: 18.34 min Scan# 2562
 Delta R.T. -0.00 min
 Lab File: BG033481.D
 Acq: 2 Apr 2018 11:16

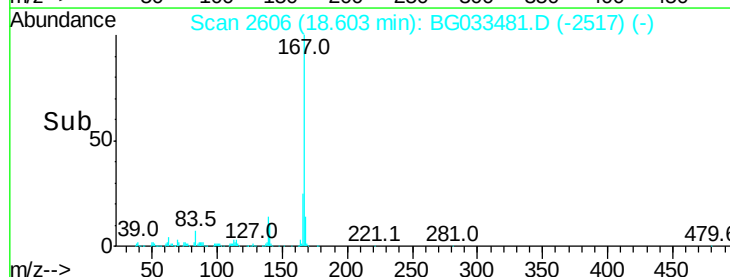
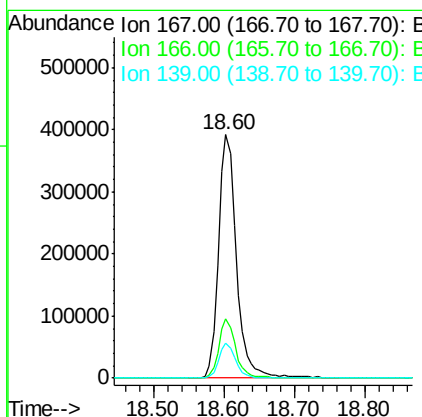
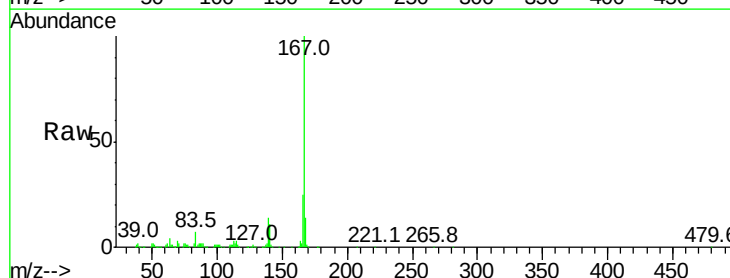
Instrument :
 BNA_G
 ClientSampleId :

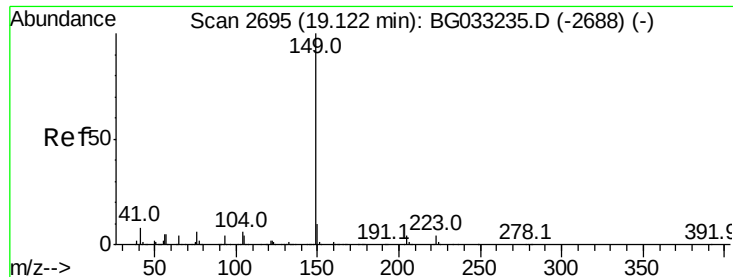
Tot Ion:178 Resp: 781726
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.0 24.0
 179 15.8 12.5 18.7



#72
 Carbazole
 Concen: 44.891 ng
 RT: 18.60 min Scan# 2606
 Delta R.T. -0.00 min
 Lab File: BG033481.D
 Acq: 2 Apr 2018 11:16

Tgt Ion:167 Resp: 693188
 Ion Ratio Lower Upper
 167 100
 166 24.6 18.2 27.4
 139 14.1 9.4 14.2





#73

Di-n-butylphthalate

Concen: 45.569 ng

RT: 19.10 min Scan# 2690

Delta R.T. -0.00 min

Lab File: BG033481.D

Acq: 2 Apr 2018 11:16

Instrument :

BNA_G

ClientSampleId :

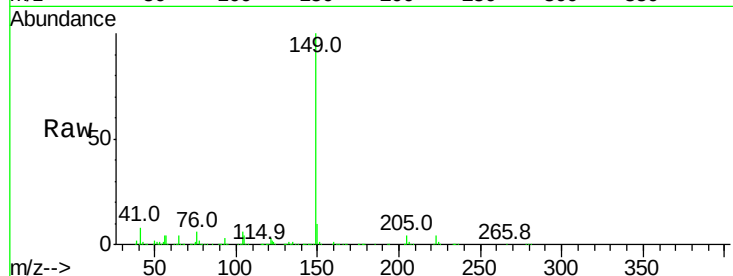
Tot Ion:149 Resp: 819034

Ion Ratio Lower Upper

149 100

150 9.8 7.8 11.6

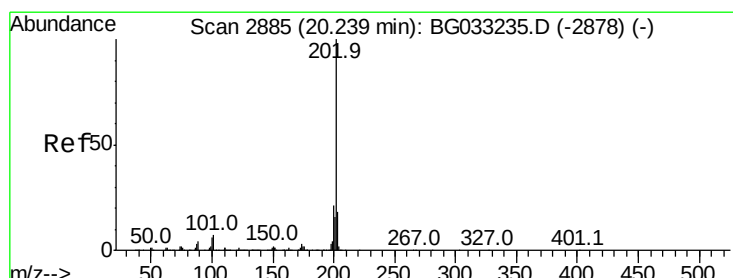
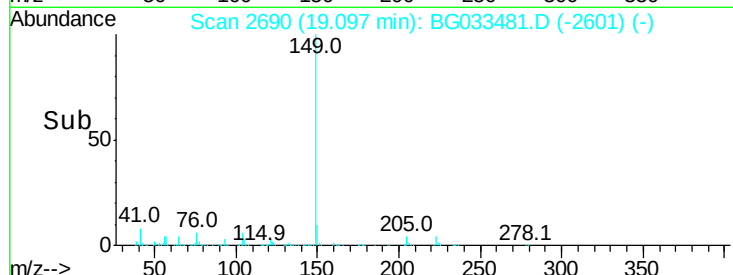
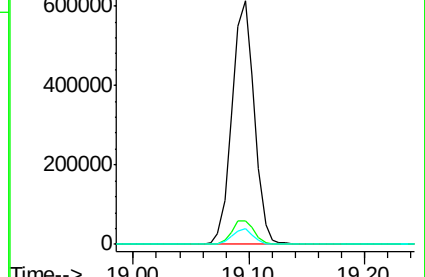
104 6.3 3.9 5.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 44.780 ng

RT: 20.21 min Scan# 2879

Delta R.T. -0.00 min

Lab File: BG033481.D

Acq: 2 Apr 2018 11:16

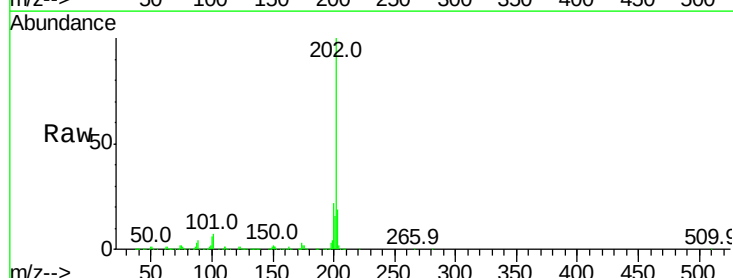
Tgt Ion:202 Resp: 953698

Ion Ratio Lower Upper

202 100

101 7.5 0.0 28.9

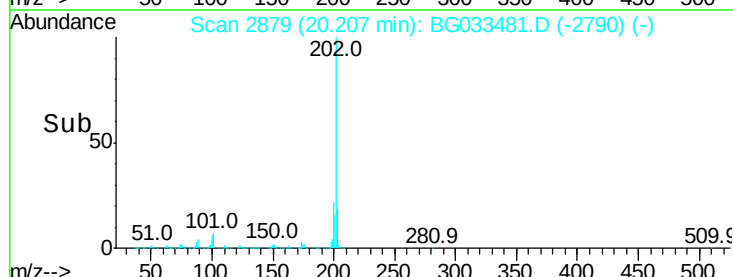
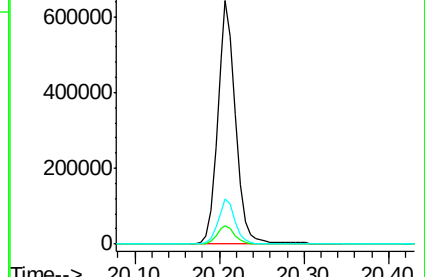
203 18.7 0.0 37.5

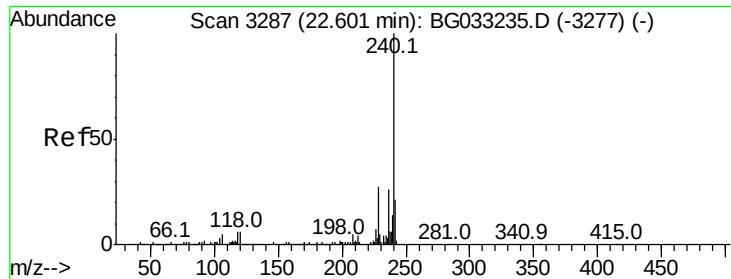


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.56 min Scan# 3280

Delta R.T. 0.00 min

Lab File: BG033481.D

Acq: 2 Apr 2018 11:16

Instrument :

BNA_G

ClientSampleId :

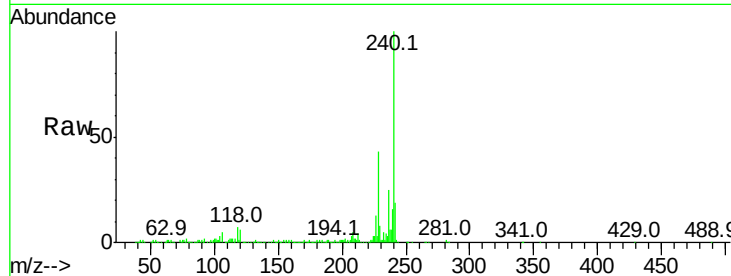
Tot Ion:240 Resp: 340981

Ion Ratio Lower Upper

240 100

120 6.3 6.8 10.2#

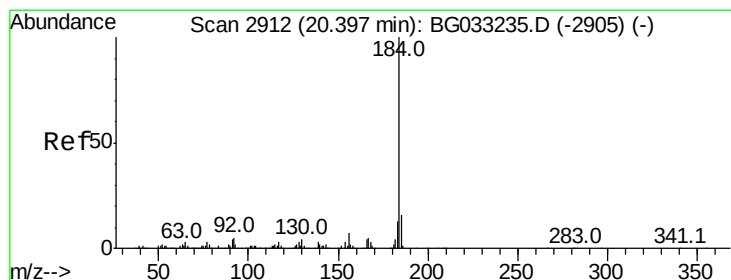
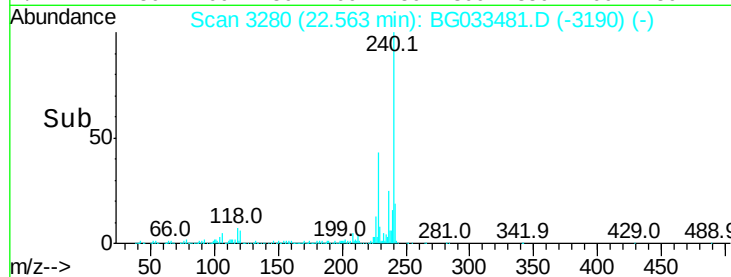
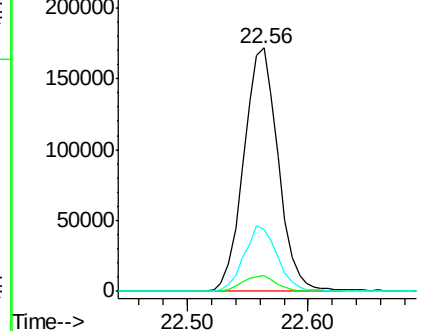
236 25.4 20.9 31.3



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: 33.112 ng

RT: 20.37 min Scan# 2907

Delta R.T. 0.00 min

Lab File: BG033481.D

Acq: 2 Apr 2018 11:16

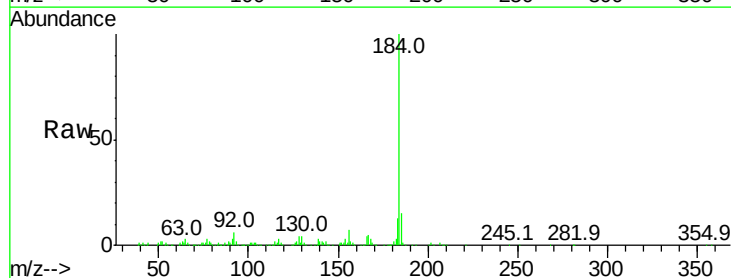
Tgt Ion:184 Resp: 306183

Ion Ratio Lower Upper

184 100

185 14.5 11.1 16.7

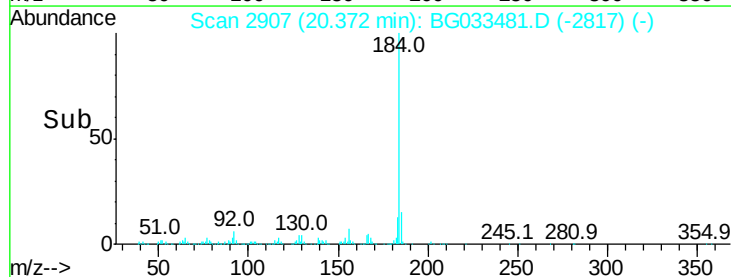
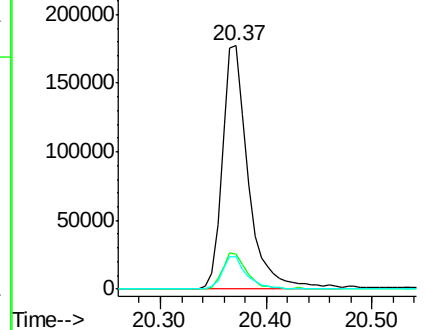
183 13.2 10.6 16.0

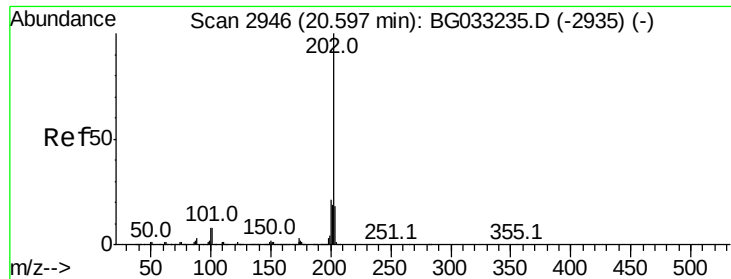


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 42.425 ng

RT: 20.57 min Scan# 2940

Delta R.T. -0.00 min

Lab File: BG033481.D

Acq: 2 Apr 2018 11:16

Instrument :

BNA_G

ClientSampleId :

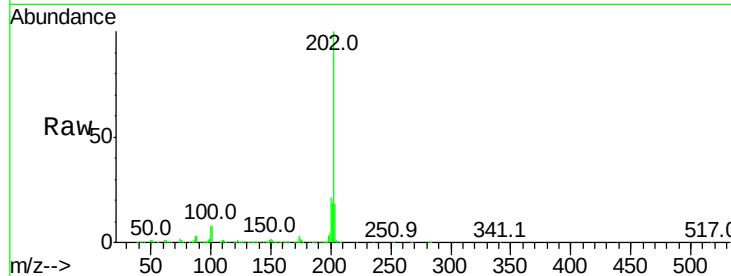
Tot Ion:202 Resp: 964818

Ion Ratio Lower Upper

202 100

200 21.0 16.9 25.3

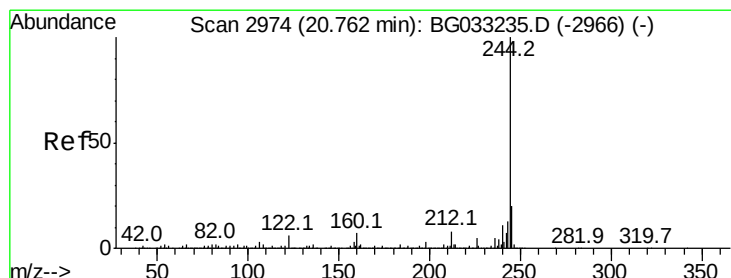
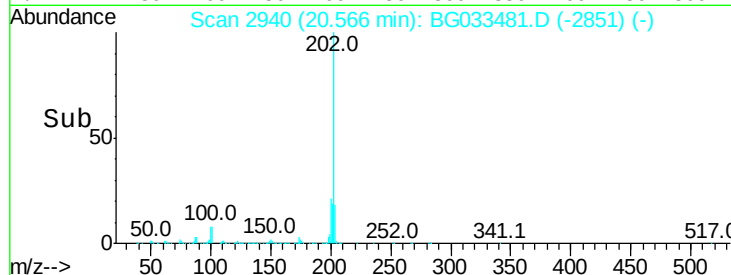
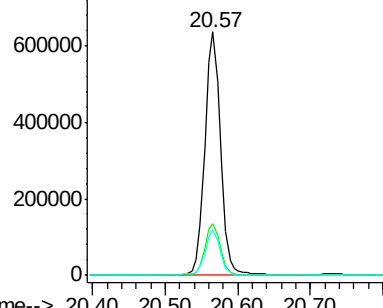
203 18.4 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 92.062 ng

RT: 20.73 min Scan# 2968

Delta R.T. -0.00 min

Lab File: BG033481.D

Acq: 2 Apr 2018 11:16

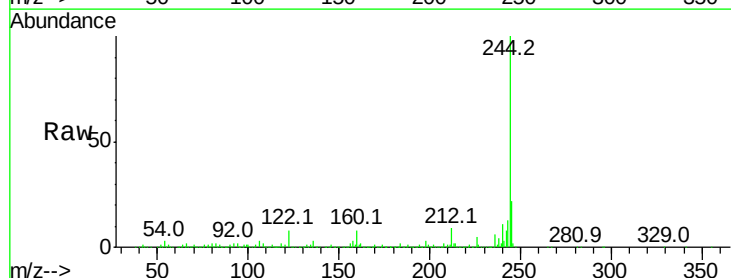
Tgt Ion:244 Resp: 1467841

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

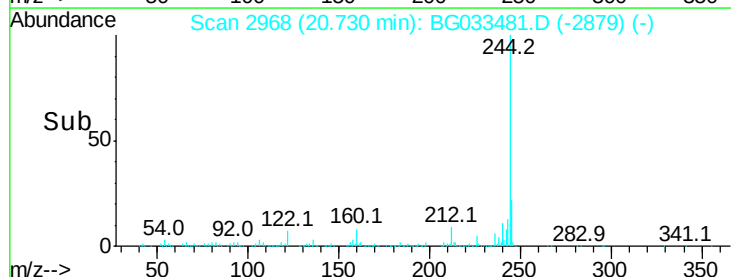
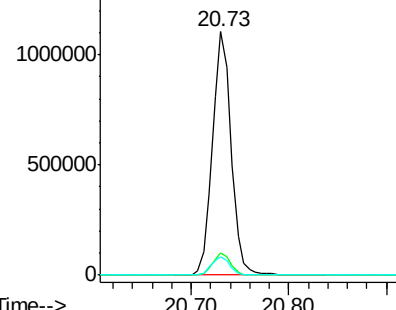
122 7.6 7.0 10.4

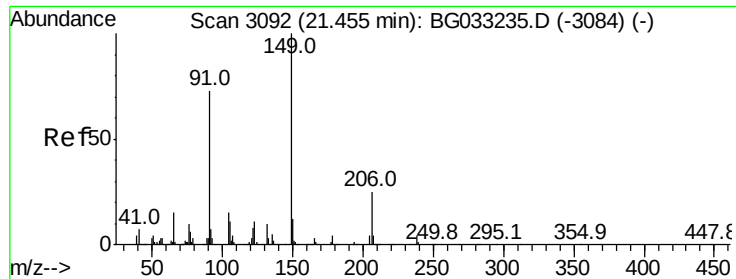


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

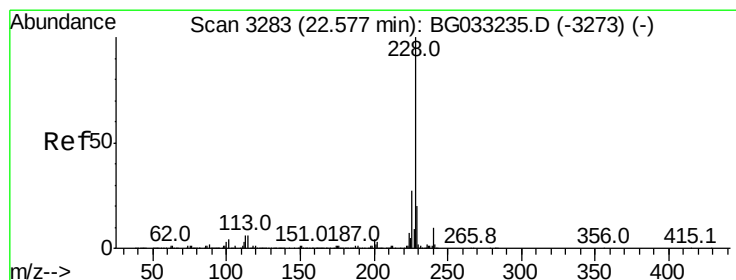
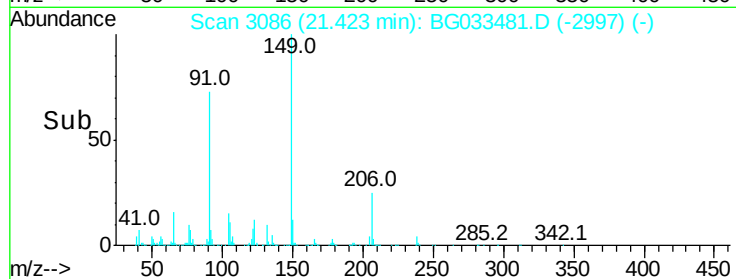
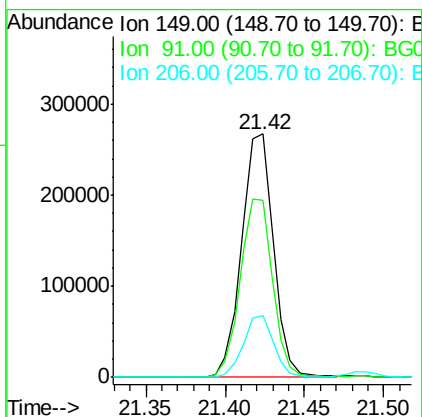
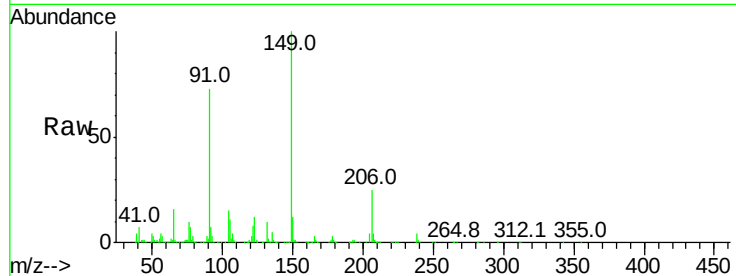




#79
Butylbenzylphthalate
Concen: 44.376 ng
RT: 21.42 min Scan# 3086
Delta R.T. -0.00 min
Lab File: BG033481.D
Acq: 2 Apr 2018 11:16

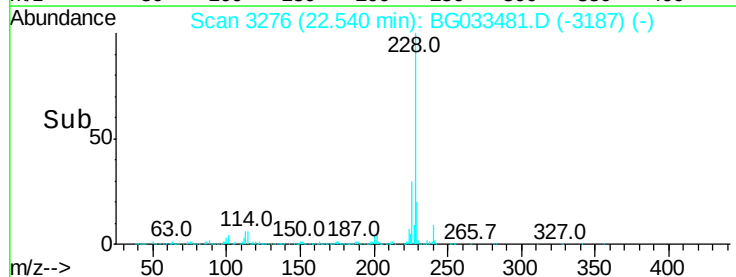
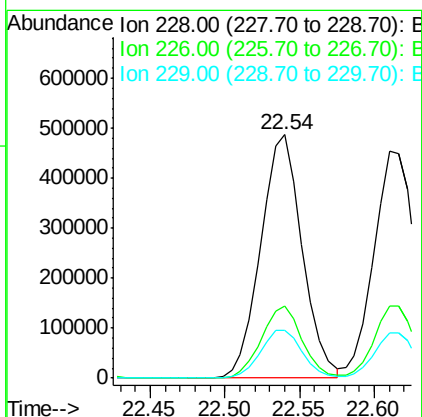
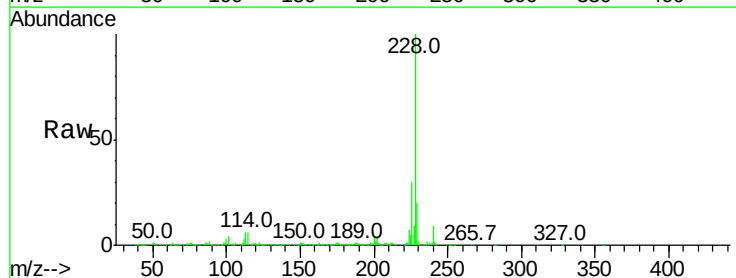
Instrument :
BNA_G
ClientSampleId :

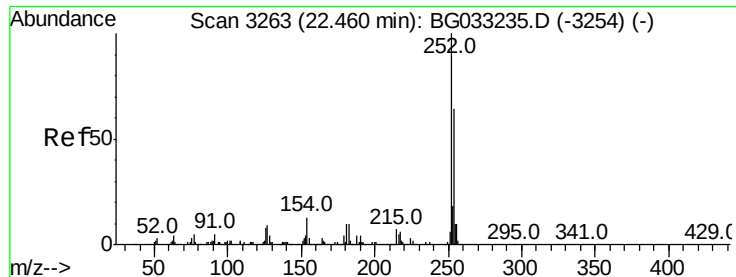
Tot Ion:149 Resp: 372406
Ion Ratio Lower Upper
149 100
91 72.6 62.2 93.2
206 25.4 18.6 27.8



#80
Benzo(a)anthracene
Concen: 43.174 ng
RT: 22.54 min Scan# 3276
Delta R.T. -0.00 min
Lab File: BG033481.D
Acq: 2 Apr 2018 11:16

Tgt Ion:228 Resp: 937407
Ion Ratio Lower Upper
228 100
226 29.7 22.7 34.1
229 19.7 16.2 24.2

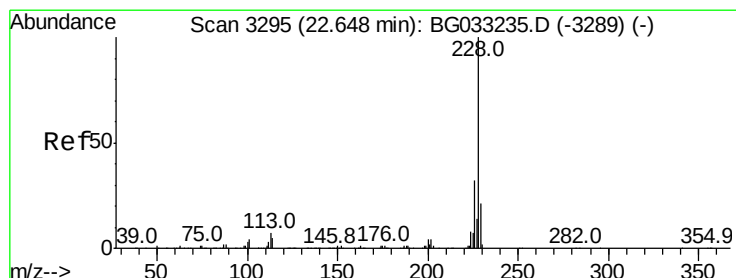
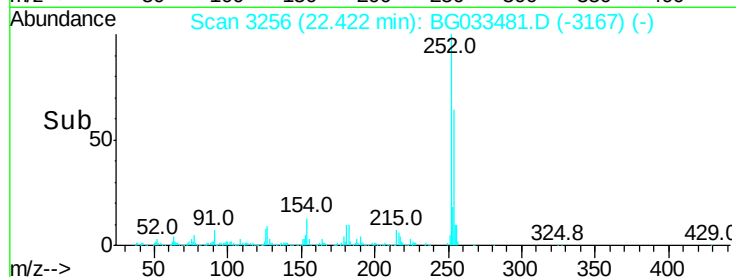
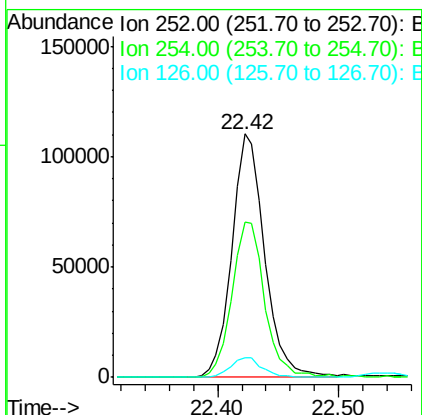
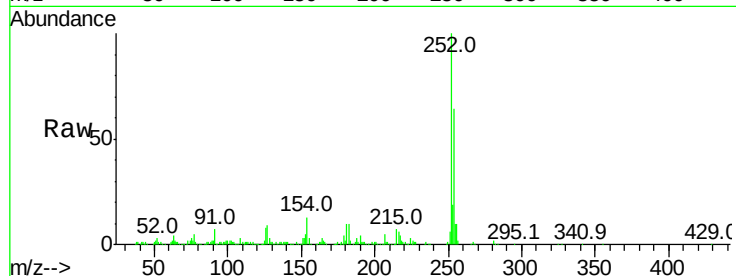




#81
 3,3'-Dichlorobenzidine
 Concen: 27.009 ng
 RT: 22.42 min Scan# 3256
 Delta R.T. -0.00 min
 Lab File: BG033481.D
 Acq: 2 Apr 2018 11:16

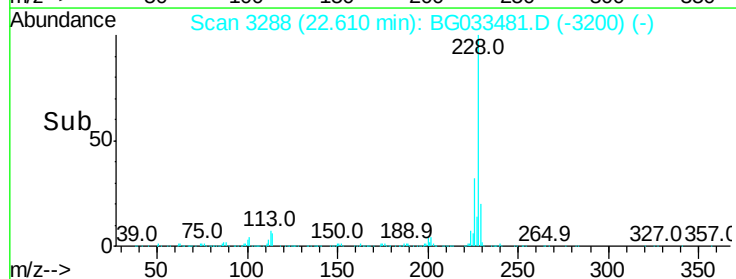
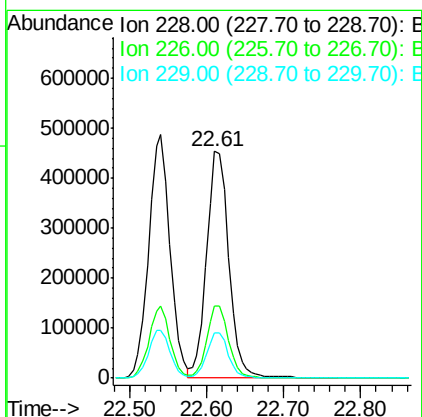
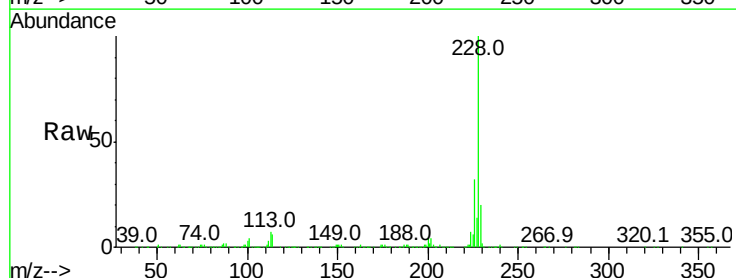
Instrument :
 BNA_G
 ClientSampled :

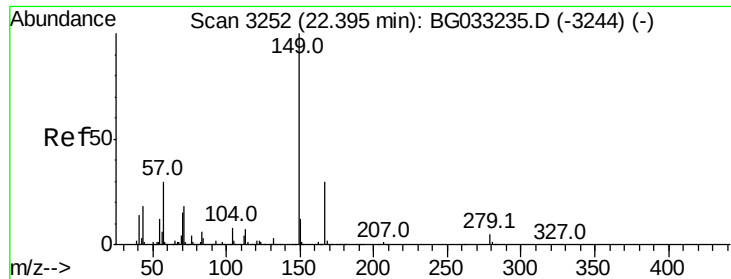
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.7	50.8	76.2
126	8.1	7.4	11.2



#82
 Chrysene
 Concen: 42.752 ng
 RT: 22.61 min Scan# 3288
 Delta R.T. -0.01 min
 Lab File: BG033481.D
 Acq: 2 Apr 2018 11:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.9	37.3
229	20.0	15.0	22.4

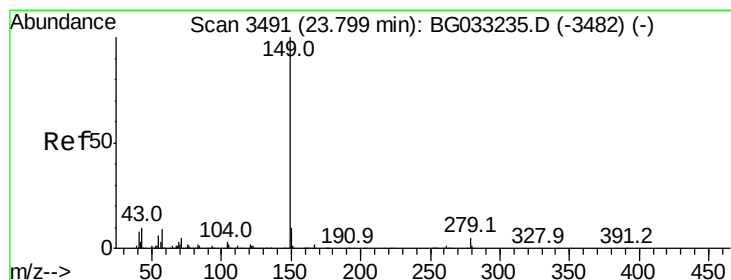
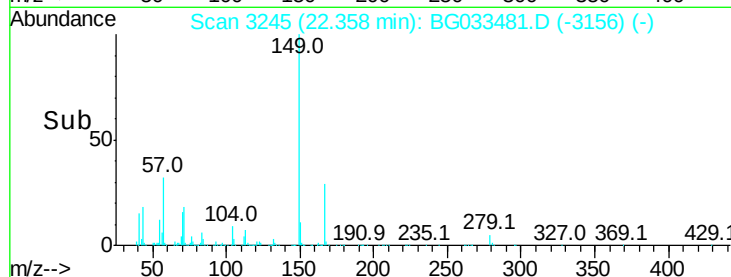
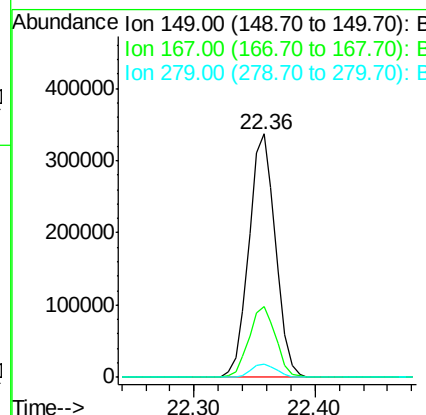
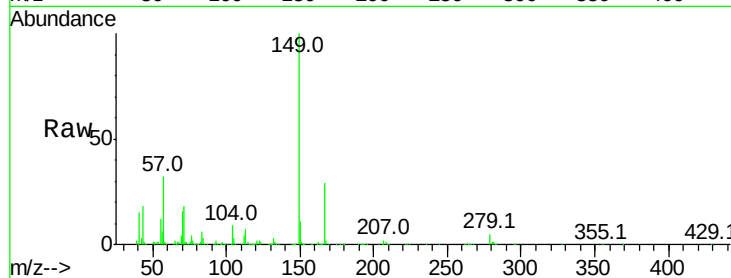




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.736 ng
 RT: 22.36 min Scan# 3245
 Delta R.T. -0.00 min
 Lab File: BG033481.D
 Acq: 2 Apr 2018 11:16

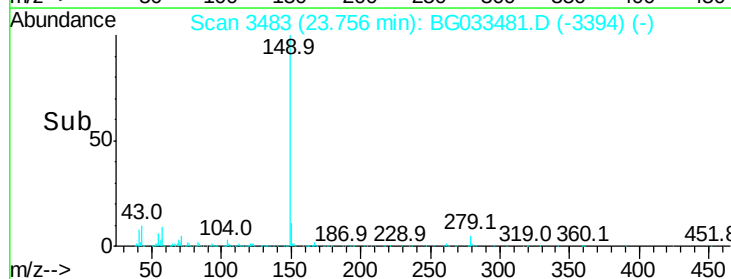
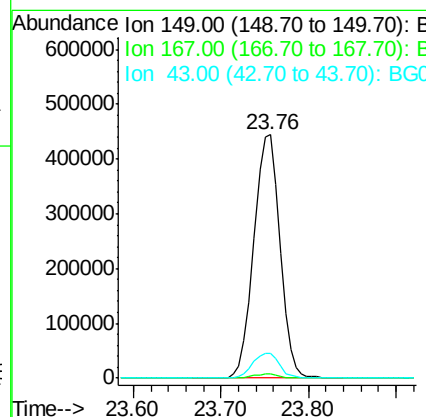
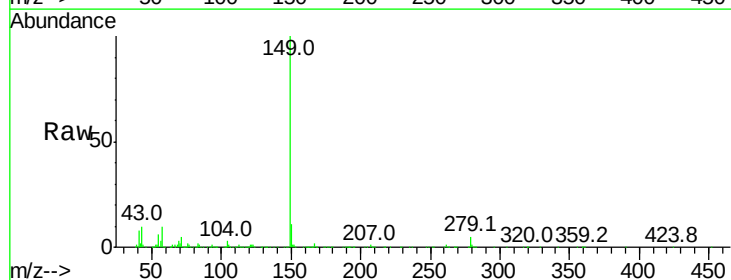
Instrument :
 BNA_G
 ClientSampleId :

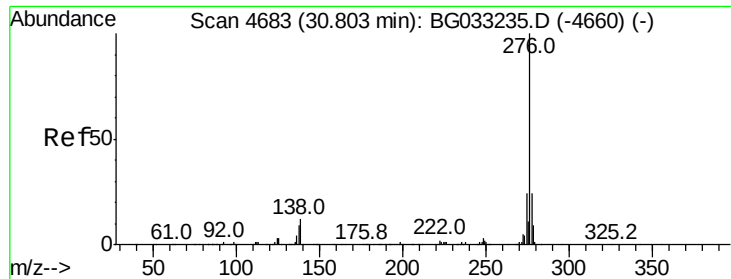
Tot Ion:149 Resp: 517530
 Ion Ratio Lower Upper
 149 100
 167 29.0 24.3 36.5
 279 5.3 4.0 6.0



#84
 Di-n-octyl phthalate
 Concen: 50.767 ng
 RT: 23.76 min Scan# 3483
 Delta R.T. -0.00 min
 Lab File: BG033481.D
 Acq: 2 Apr 2018 11:16

Tgt Ion:149 Resp: 899231
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.4 2.0
 43 10.3 8.9 13.3



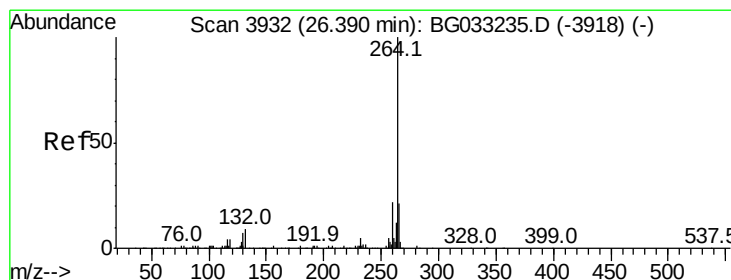
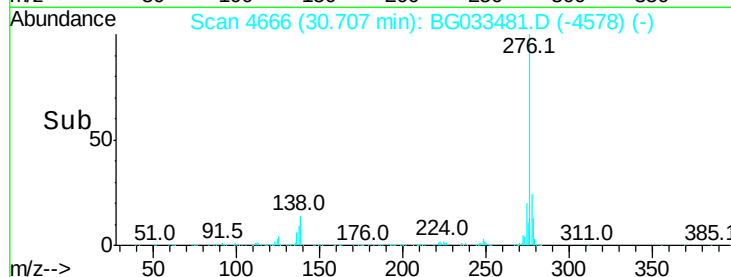
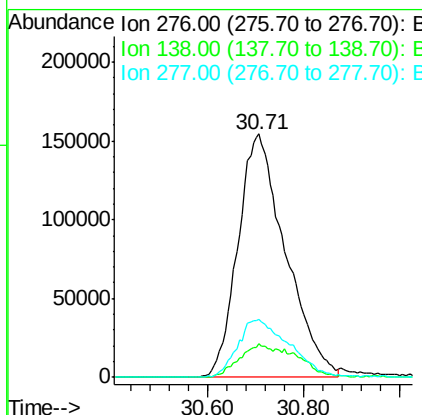
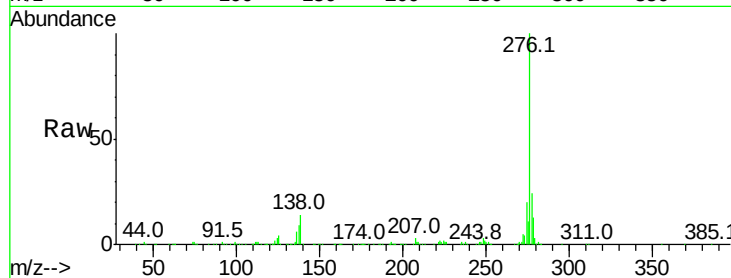


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.722 ng
 RT: 30.71 min Scan# 4666
 Delta R.T. -0.01 min
 Lab File: BG033481.D
 Acq: 2 Apr 2018 11:16

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:276 Resp: 1061694

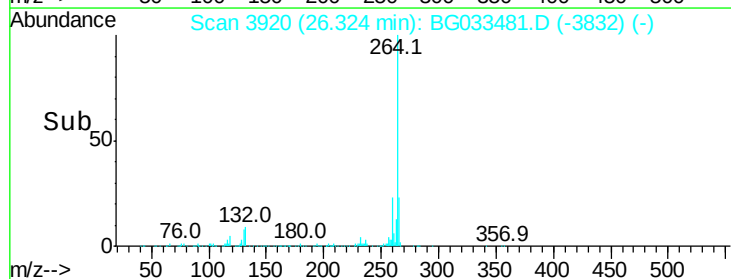
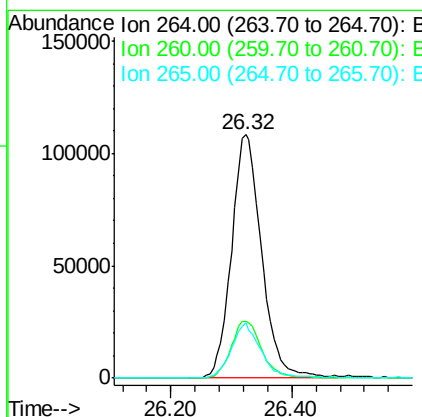
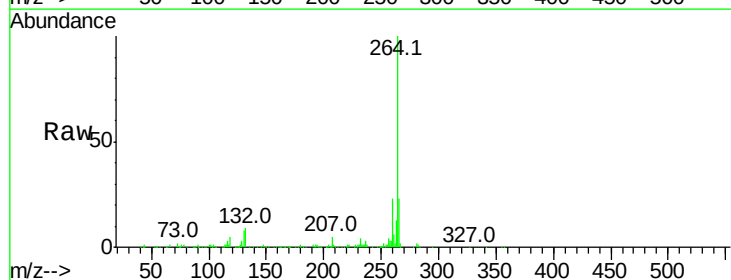
Ion	Ratio	Lower	Upper
276	100		
138	9.1	16.0	24.0#
277	25.9	20.0	30.0

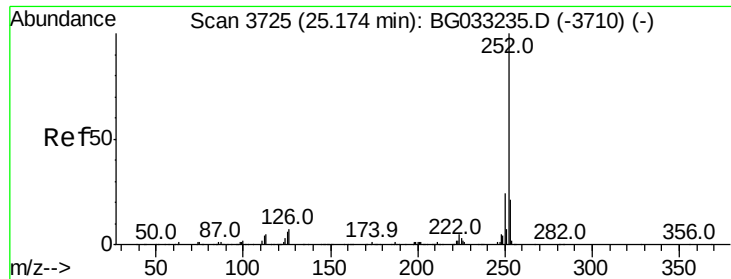


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.32 min Scan# 3920
 Delta R.T. -0.01 min
 Lab File: BG033481.D
 Acq: 2 Apr 2018 11:16

Tgt Ion:264 Resp: 374078

Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.4	26.0
265	22.9	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 43.176 ng

RT: 25.12 min Scan# 3715

Delta R.T. 0.00 min

Lab File: BG033481.D

Acq: 2 Apr 2018 11:16

Instrument :

BNA_G

ClientSampleId :

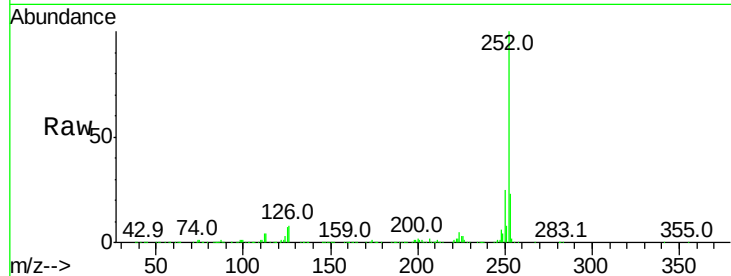
Tot Ion:252 Resp: 933141

Ion Ratio Lower Upper

252 100

253 22.5 18.2 27.4

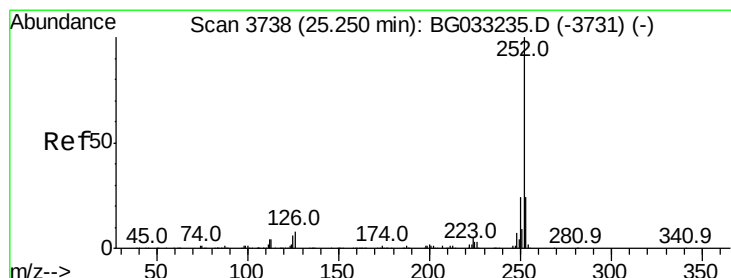
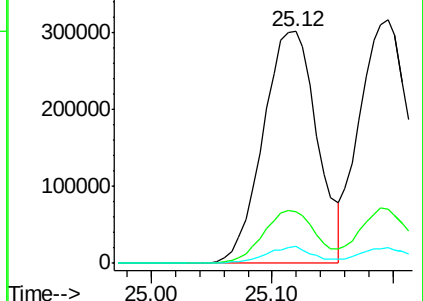
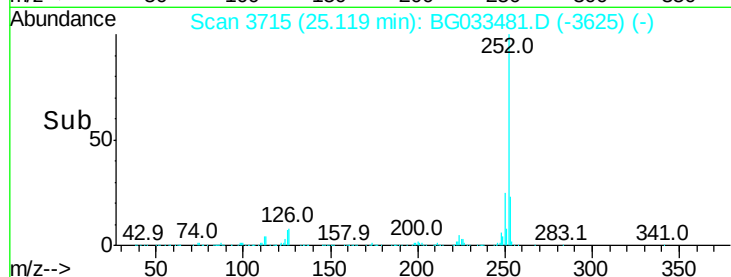
125 7.2 7.2 10.8#



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: 42.690 ng

RT: 25.12 min Scan# 3715

Delta R.T. -0.08 min

Lab File: BG033481.D

Acq: 2 Apr 2018 11:16

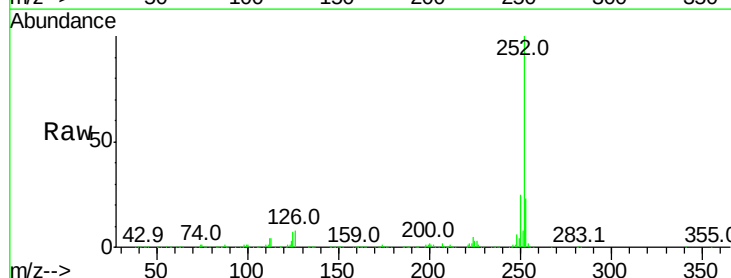
Tgt Ion:252 Resp: 933141

Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.2

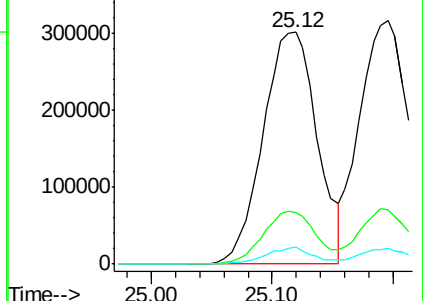
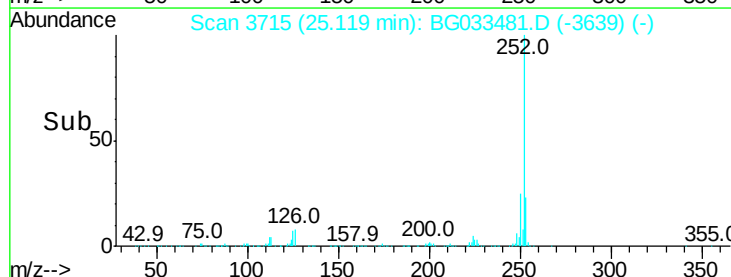
125 7.2 6.6 9.8

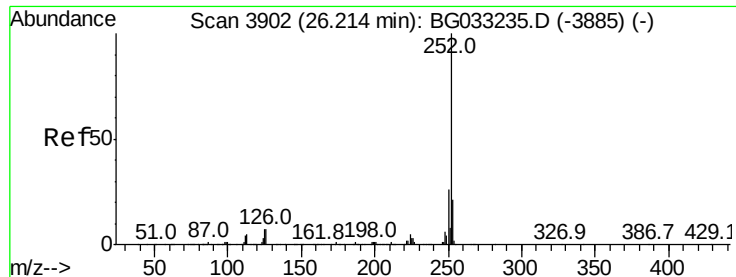


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 44.482 ng

RT: 26.15 min Scan# 3890

Delta R.T. -0.00 min

Lab File: BG033481.D

Acq: 2 Apr 2018 11:16

Instrument :

BNA_G

ClientSampleId :

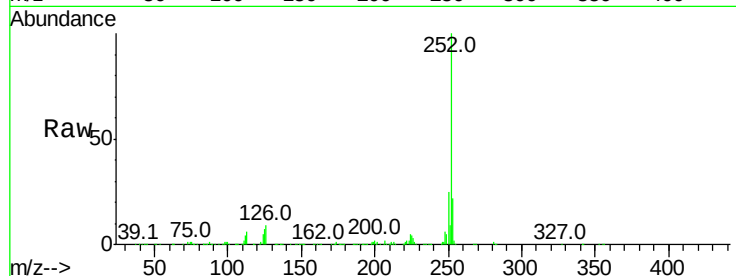
Tot Ion:252 Resp: 923228

Ion Ratio Lower Upper

252 100

253 22.4 18.3 27.5

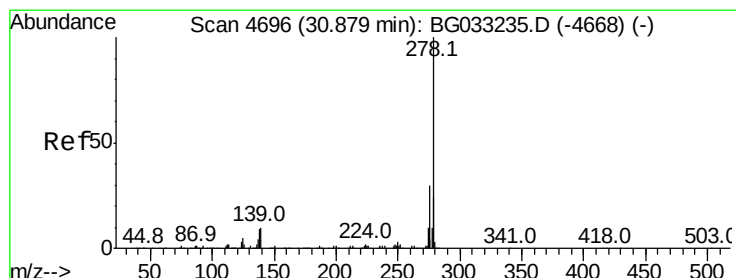
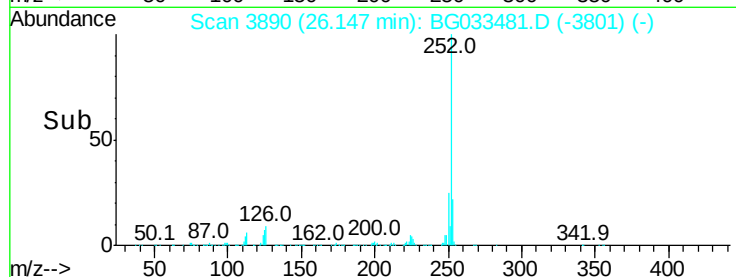
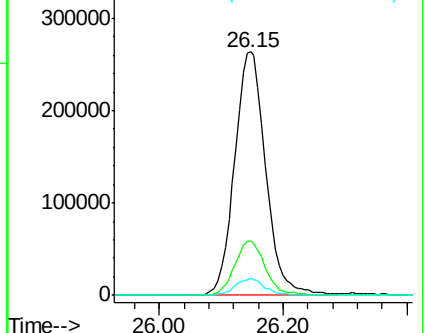
125 6.9 7.3 10.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 45.958 ng

RT: 30.78 min Scan# 4678

Delta R.T. -0.00 min

Lab File: BG033481.D

Acq: 2 Apr 2018 11:16

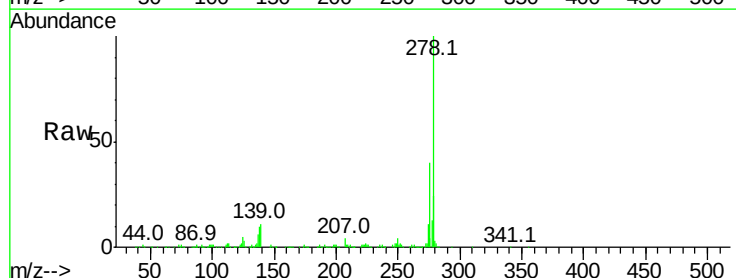
Tgt Ion:278 Resp: 898498

Ion Ratio Lower Upper

278 100

139 11.0 9.8 14.6

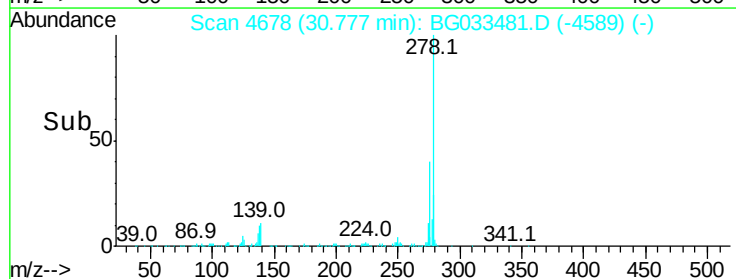
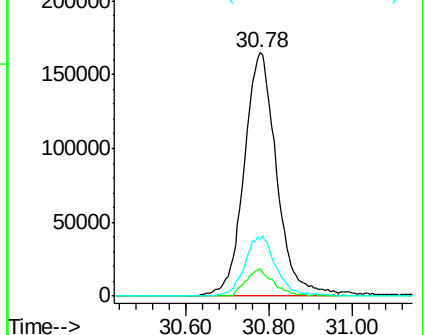
279 23.5 18.4 27.6

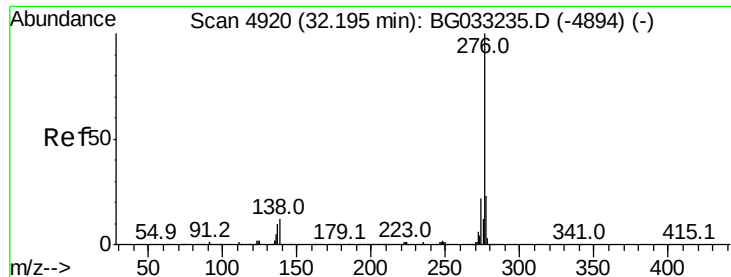


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 45.589 ng
 RT: 32.09 min Scan# 4901
 Delta R.T. 0.00 min
 Lab File: BG033481.D
 Acq: 2 Apr 2018 11:16

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.3	27.5
138	12.9	13.9	20.9

