

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG030618\
 Data File : BG033018.D
 Acq On : 6 Mar 2018 12:28
 Operator : SJ/JU
 Sample : J1398-06MS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 06 17:39:34 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 06 17:38:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	54529	20.00	ng	0.00
21) Naphthalene-d8	11.80	136	247616	20.00	ng	0.00
38) Acenaphthene-d10	15.53	164	150251	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	341228	20.00	ng	0.00
75) Chrysene-d12	22.61	240	314038	20.00	ng	0.00
86) Perylene-d12	26.40	264	340845	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.33	112	466149	136.77	ng	0.00
7) Phenol-d6	8.01	99	607333	127.84	ng	0.00
23) Nitrobenzene-d5	10.11	82	413954	112.40	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	255391	161.66	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	890074	85.44	ng	0.00
78) Terphenyl-d14	20.77	244	1350426	96.61	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.97	88	54874	37.097	ng	# 90
3) Pyridine	4.43	79	116582	28.595	ng	91
4) n-Nitrosodimethylamine	4.32	42	90372	55.287	ng	# 82
6) Aniline	8.21	93	104984	16.325	ng	96
8) 2-Chlorophenol	8.46	128	180976	48.511	ng	96
9) Benzaldehyde	8.01	77	45672	16.680	ng	96
10) Phenol	8.04	94	213704	44.623	ng	95
11) bis(2-Chloroethyl)ether	8.29	93	168217	42.956	ng	97
12) 1,3-Dichlorobenzene	8.80	146	173998	39.820	ng	97
13) 1,4-Dichlorobenzene	8.95	146	178002	40.470	ng	95
14) 1,2-Dichlorobenzene	9.28	146	172353	40.892	ng	100
15) Benzyl Alcohol	9.15	79	168023	48.109	ng	91
16) 2,2'-oxybis(1-Chloropropan	9.44	45	324893	48.261	ng	99
17) 2-Methylphenol	9.34	107	159276	45.102	ng	95
18) Hexachloroethane	10.04	117	64896	43.335	ng	88
19) n-Nitroso-di-n-propylamine	9.72	70	147460	43.966	ng	# 92
20) 3+4-Methylphenols	9.67	107	222991	45.413	ng	96
22) Acetophenone	9.75	105	272932	43.645	ng	# 99
24) Nitrobenzene	10.16	77	207831	52.015	ng	95
25) Isophorone	10.68	82	410093	47.185	ng	95
26) 2-Nitrophenol	10.88	139	98564	63.393	ng	95
27) 2,4-Dimethylphenol	10.91	122	200889	53.208	ng	91
28) bis(2-Chloroethoxy)methane	11.15	93	240623	47.525	ng	95
29) 2,4-Dichlorophenol	11.42	162	175740	51.286	ng	97
30) 1,2,4-Trichlorobenzene	11.65	180	167155	41.614	ng	97
31) Naphthalene	11.85	128	576186	44.531	ng	99
32) Benzoic acid	11.02	122	100058	44.183	ng	87
33) 4-Chloroaniline	11.94	127	97825	16.909	ng	97
34) Hexachlorobutadiene	12.11	225	89526	39.735	ng	98
35) Caprolactam	12.68	113	61954	45.153	ng	95
36) 4-Chloro-3-methylphenol	12.99	107	221364	55.512	ng	93
37) 2-Methylnaphthalene	13.40	142	427049	45.620	ng	94
39) 1,2,4,5-Tetrachlorobenzene	13.75	216	179909	40.336	ng	# 96
40) Hexachlorocyclopentadiene	13.73	237	204173	89.821	ng	92

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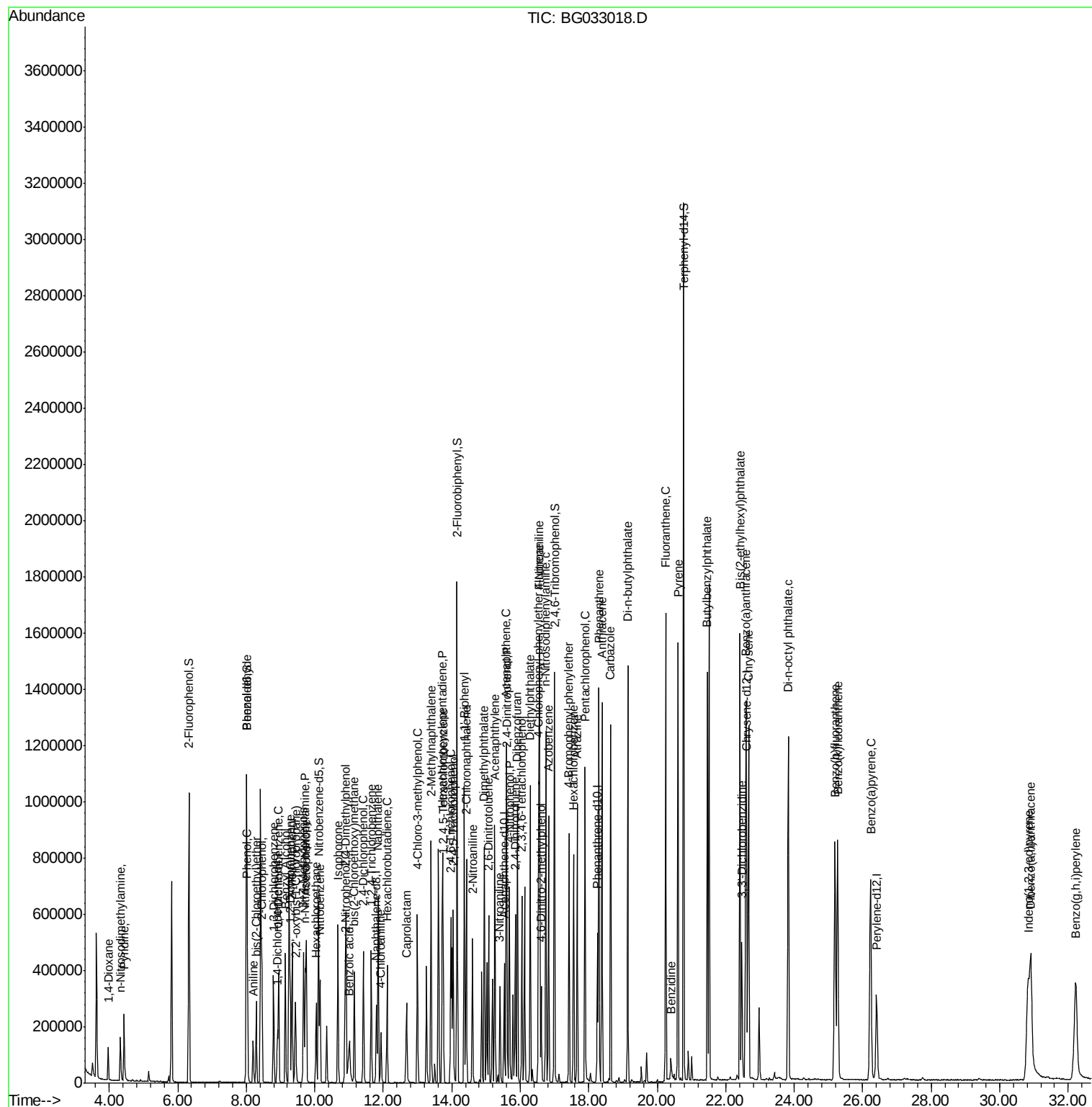
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.97	196	141015	50.133	nq	99
43) 2,4,5-Trichlorophenol	14.04	196	157385	48.345	nq	# 95
45) 1,1'-Biphenyl	14.37	154	544350	41.460	nq	95
46) 2-Chloronaphthalene	14.43	162	410841	41.889	nq	96
47) 2-Nitroaniline	14.61	65	161946	61.893	nq	95
48) Acenaphthylene	15.26	152	689700	42.952	nq	98
49) Dimethylphthalate	14.96	163	568240	44.541	nq	99
50) 2,6-Dinitrotoluene	15.08	165	129051	58.684	nq	93
51) Acenaphthene	15.60	154	460920	46.091	nq	97
52) 3-Nitroaniline	15.41	138	92439	37.368	nq	# 85
53) 2,4-Dinitrophenol	15.61	184	79068	105.614	nq	# 27
54) Dibenzofuran	15.92	168	651829	45.777	nq	93
55) 4-Nitrophenol	15.68	139	194721	92.037	nq	85
56) 2,4-Dinitrotoluene	15.85	165	182624	66.657	nq	# 89
57) Fluorene	16.56	166	531993	45.266	nq	99
58) 2,3,4,6-Tetrachlorophenol	16.05	232	134843	53.349	nq	95
59) Diethylphthalate	16.29	149	619897	46.068	nq	98
60) 4-Chlorophenyl-phenylether	16.54	204	264934	46.081	nq	90
61) 4-Nitroaniline	16.56	138	135417	48.917	nq	87
62) Azobenzene	16.83	77	567604	47.151	nq	95
64) 4,6-Dinitro-2-methylphenol	16.61	198	72142	63.996	nq	91
65) n-Nitrosodiphenylamine	16.75	169	497374	44.806	nq	100
66) 4-Bromophenyl-phenylether	17.43	248	159096	44.094	nq	# 87
67) Hexachlorobenzene	17.56	284	167407	42.934	nq	# 92
68) Atrazine	17.66	200	165832	45.385	nq	96
69) Pentachlorophenol	17.89	266	207552	84.508	nq	98
70) Phenanthrene	18.30	178	860922	45.223	nq	98
71) Anthracene	18.39	178	881034	46.098	nq	98
72) Carbazole	18.64	167	823384	43.708	nq	97
73) Di-n-butylphthalate	19.14	149	1036402	44.845	nq	99
74) Fluoranthene	20.25	202	960275	45.664	nq	93
76) Benzidine	20.40	184	51027	4.767	nq	98
77) Pyrene	20.61	202	967858	43.703	nq	98
79) Butylbenzylphthalate	21.46	149	494755	50.388	nq	94
80) Benzo(a)anthracene	22.59	228	933532	46.357	nq	99
81) 3,3'-Dichlorobenzidine	22.47	252	196930	26.404	nq	# 97
82) Chrysene	22.67	228	869593	45.205	nq	98
83) Bis(2-ethylhexyl)phthalate	22.42	149	700798	48.217	nq	# 96
84) Di-n-octyl phthalate	23.83	149	1196546	54.011	nq	99
85) Indeno(1,2,3-cd)pyrene	30.83	276	1008044	44.933	nq	# 94
87) Benzo(b)fluoranthene	25.19	252	940157	46.651	nq	# 97
88) Benzo(k)fluoranthene	25.27	252	914734	45.671	nq	# 96
89) Benzo(a)pyrene	26.23	252	904142	47.168	nq	# 96
90) Dibenzo(a,h)anthracene	30.91	278	817910	42.391	nq	# 94
91) Benzo(g,h,i)perylene	32.22	276	839833	44.156	nq	# 93

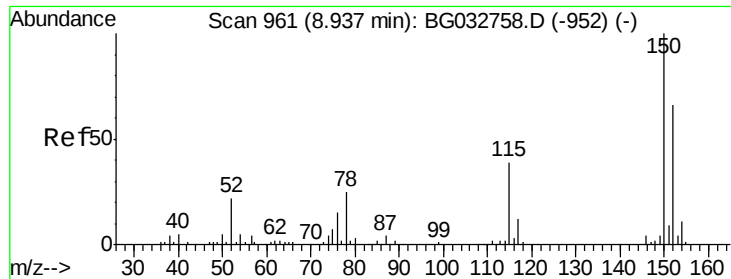
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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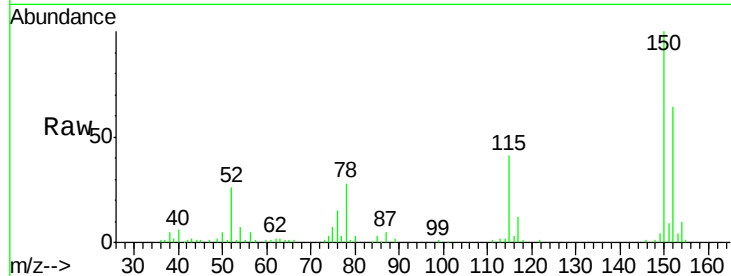


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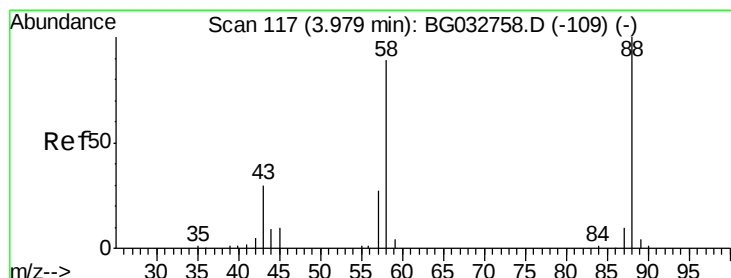
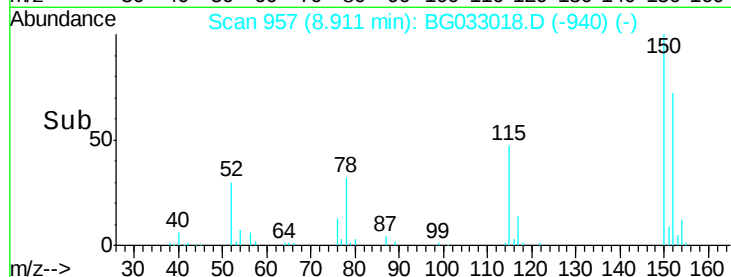
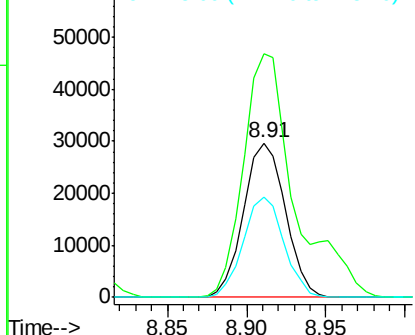
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.00 min
Lab File: BG033018.D
Acq: 6 Mar 2018 12:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 54529
Ion Ratio Lower Upper
152 100
150 157.4 126.6 189.8
115 64.6 53.0 79.4



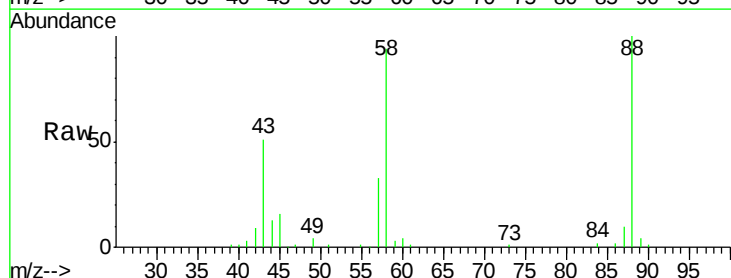
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



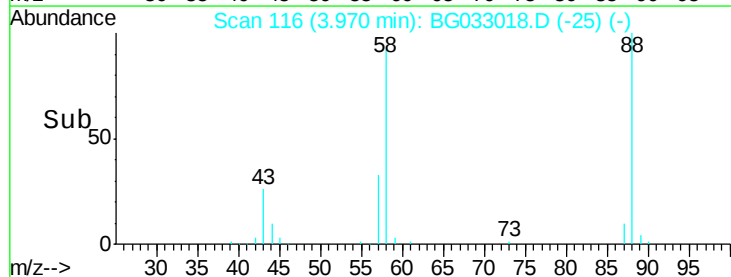
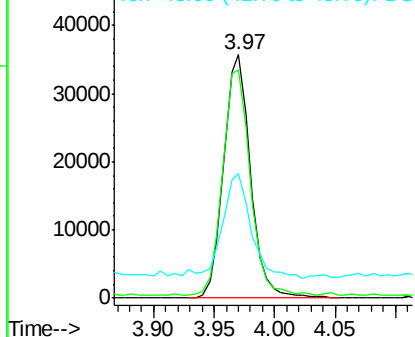
#2

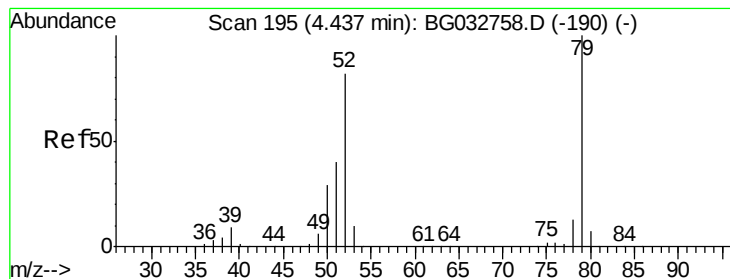
1,4-Dioxane
Concen: 37.097 ng
RT: 3.97 min Scan# 116
Delta R.T. 0.00 min
Lab File: BG033018.D
Acq: 6 Mar 2018 12:28

Tgt Ion: 88 Resp: 54874
Ion Ratio Lower Upper
88 100
58 94.2 79.6 119.4
43 47.5 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: 28.595 ng

RT: 4.43 min Scan# 195

Delta R.T. 0.01 min

Lab File: BG033018.D

Acq: 6 Mar 2018 12:28

Instrument :

BNA_G

ClientSampleId :

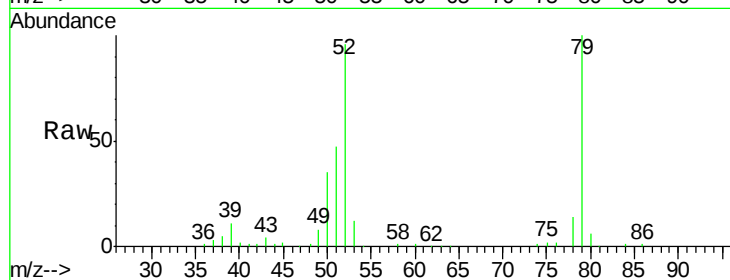
Tot Ion: 79 Resp: 116582

Ion Ratio Lower Upper

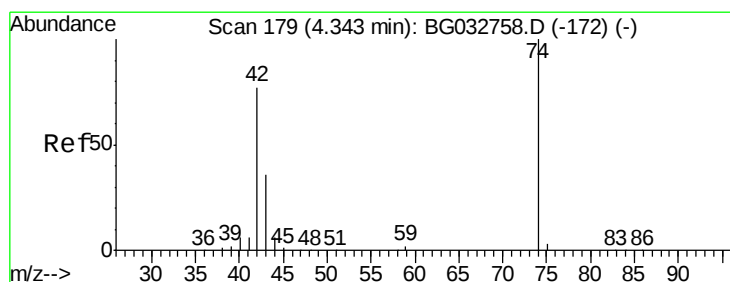
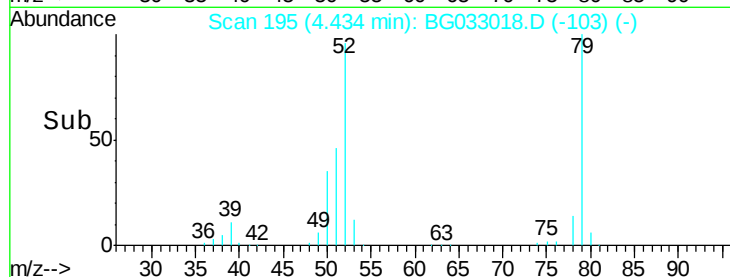
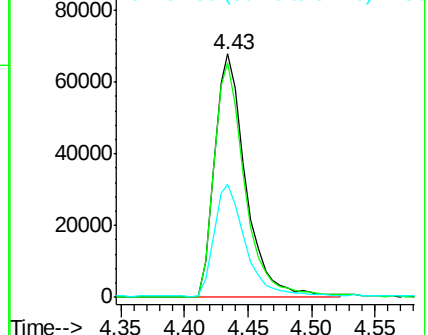
79 100

52 96.2 69.9 104.9

51 46.6 34.0 51.0



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 55.287 ng

RT: 4.32 min Scan# 176

Delta R.T. -0.00 min

Lab File: BG033018.D

Acq: 6 Mar 2018 12:28

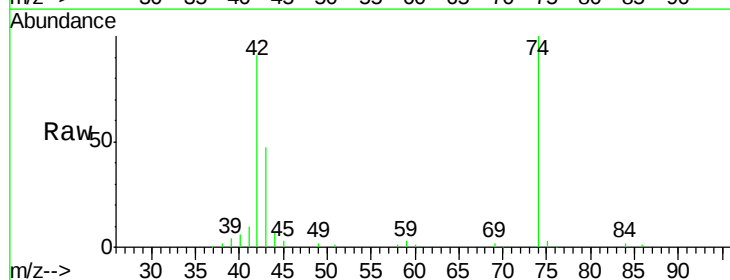
Tgt Ion: 42 Resp: 90372

Ion Ratio Lower Upper

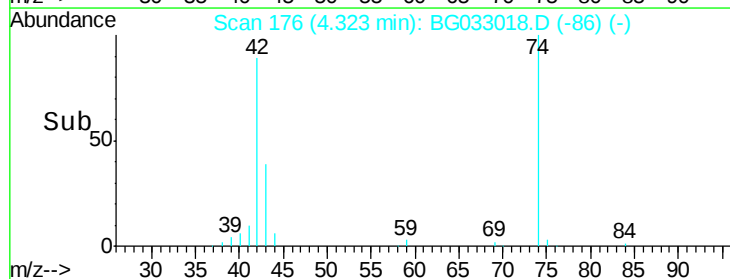
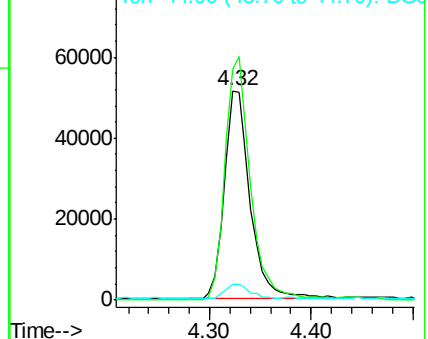
42 100

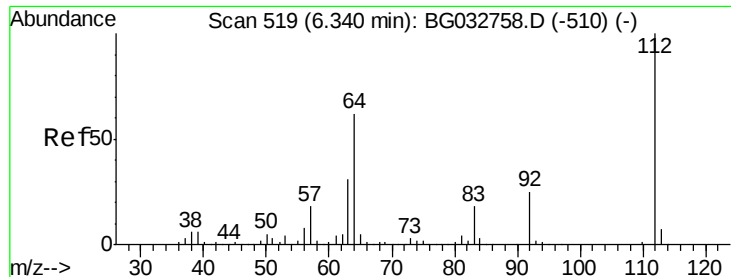
74 110.5 102.5 153.7

44 7.4 18.9 28.3#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 136.766 ng

RT: 6.33 min Scan# 517

Delta R.T. 0.00 min

Lab File: BG033018.D

Acq: 6 Mar 2018 12:28

Instrument :

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ClientSampleId :

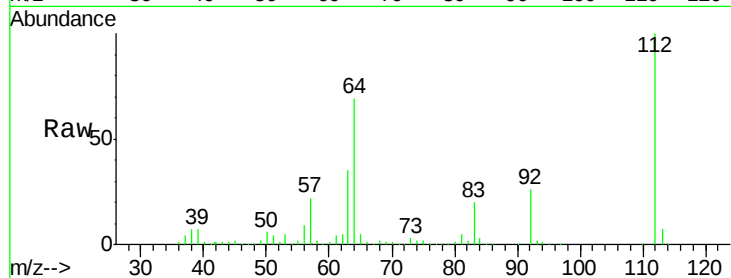
Tot Ion:112 Resp: 466149

Ion Ratio Lower Upper

112 100

64 69.1 56.3 84.5

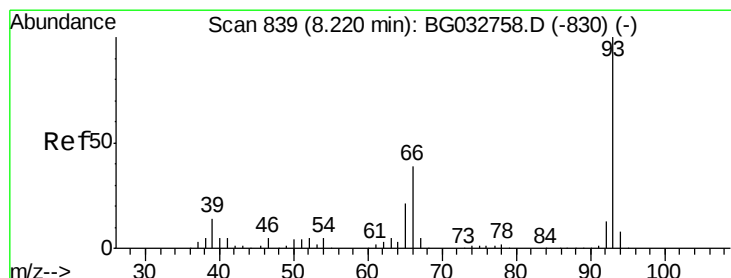
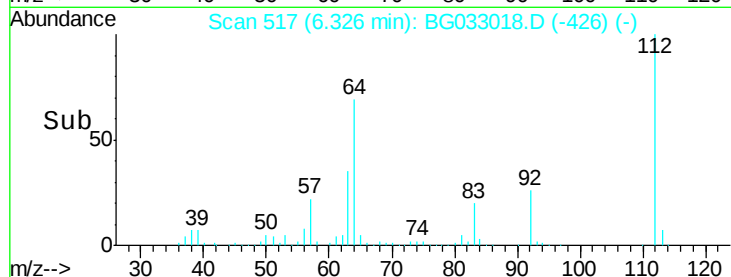
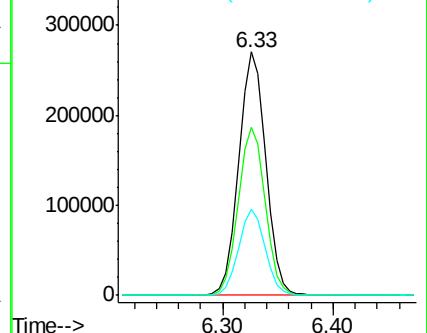
63 35.4 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 16.325 ng

RT: 8.21 min Scan# 837

Delta R.T. 0.00 min

Lab File: BG033018.D

Acq: 6 Mar 2018 12:28

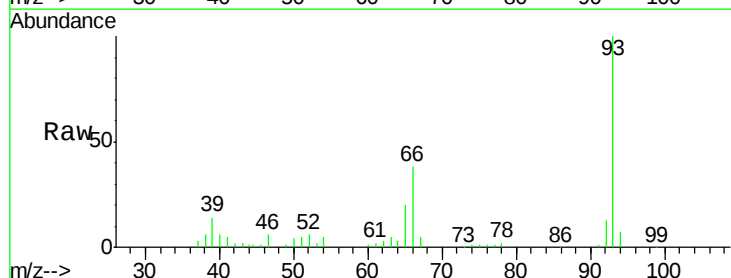
Tgt Ion: 93 Resp: 104984

Ion Ratio Lower Upper

93 100

66 38.5 33.7 50.5

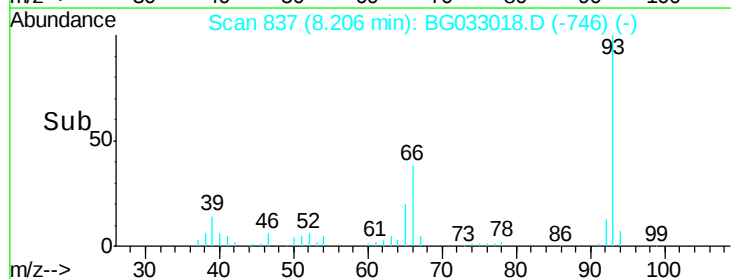
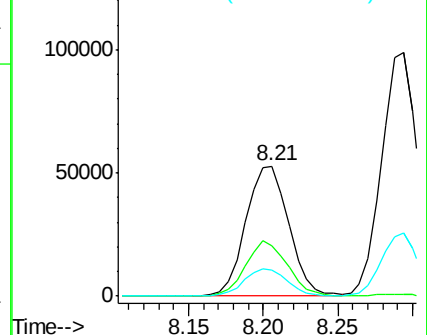
65 19.9 16.1 24.1

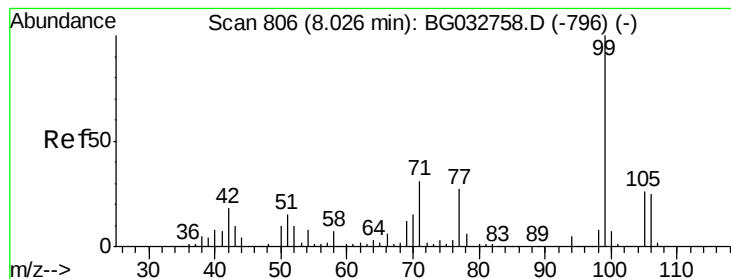


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 127.838 ng

RT: 8.01 min Scan# 804

Delta R.T. 0.00 min

Lab File: BG033018.D

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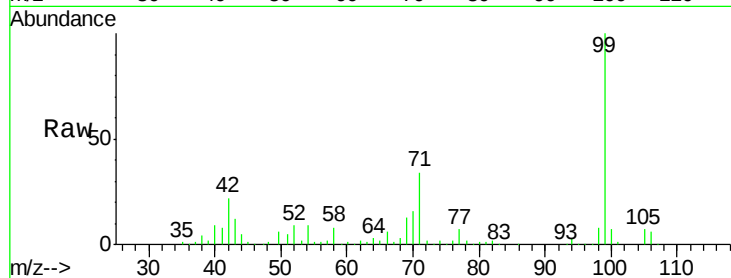
Tot Ion: 99 Resp: 607333

Ion Ratio Lower Upper

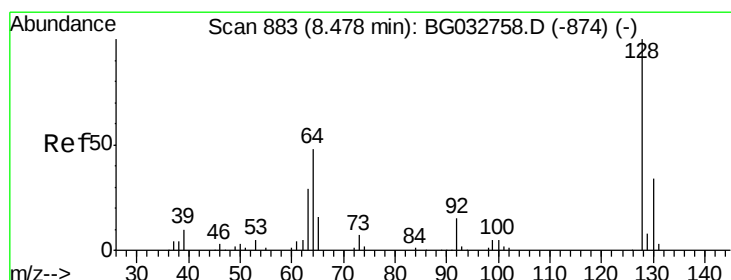
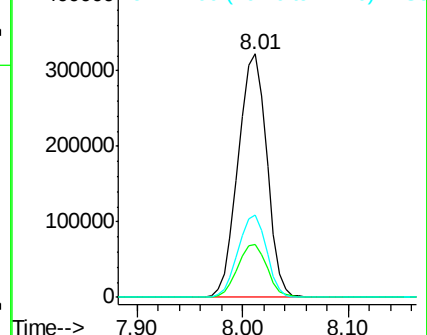
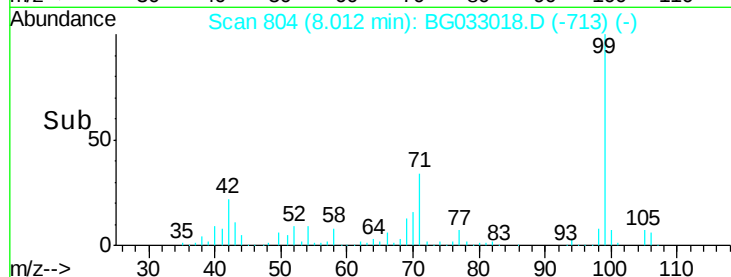
99 100

42 21.6 14.1 21.1#

71 33.6 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: 48.511 ng

RT: 8.46 min Scan# 880

Delta R.T. 0.00 min

Lab File: BG033018.D

Acq: 6 Mar 2018 12:28

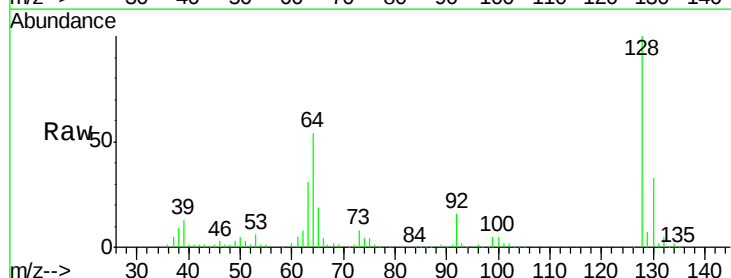
Tgt Ion: 128 Resp: 180976

Ion Ratio Lower Upper

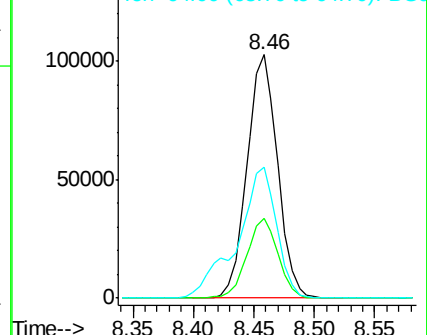
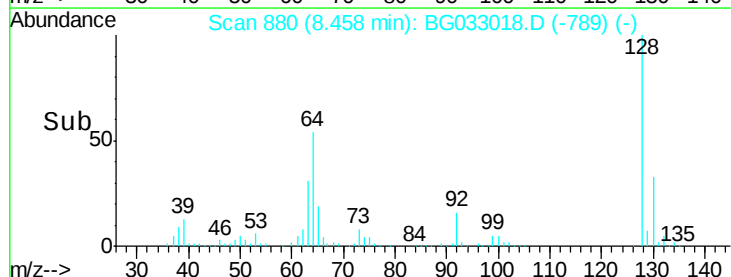
128 100

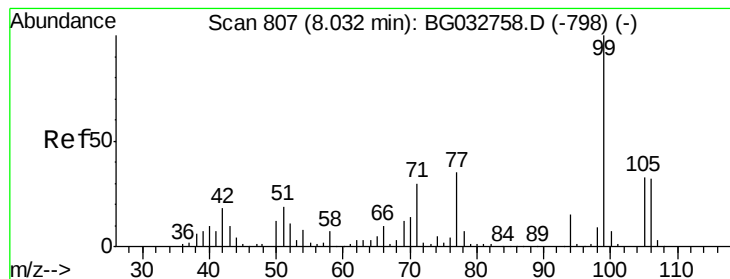
130 32.7 14.0 54.0

64 53.5 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: 16.680 ng

RT: 8.01 min Scan# 803

Delta R.T. -0.00 min

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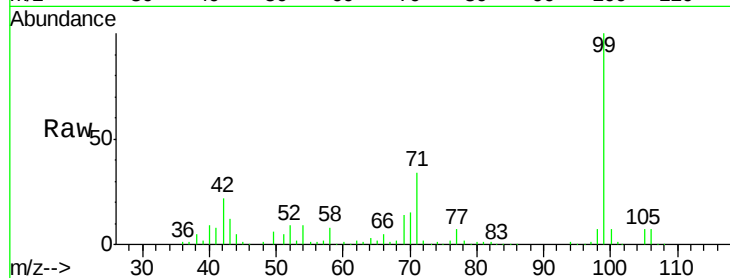
Tot Ion: 77 Resp: 45672

Ion Ratio Lower Upper

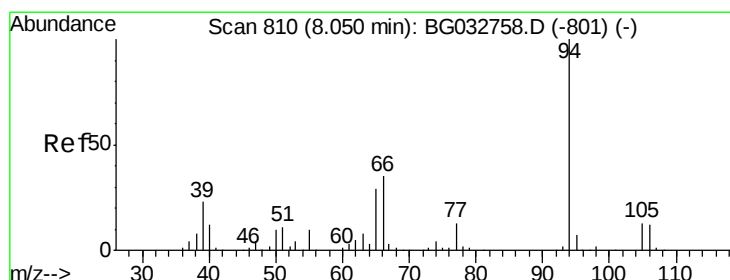
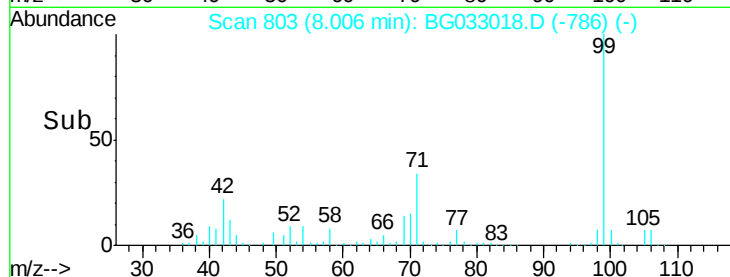
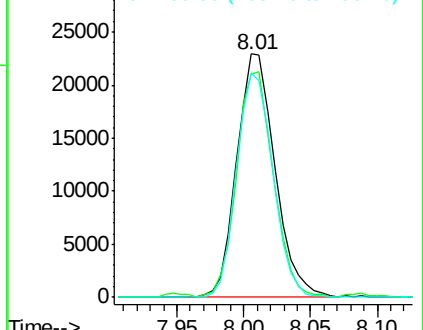
77 100

105 91.6 71.3 111.3

106 92.4 64.2 104.2



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



#10

Phenol

Concen: 44.623 ng

RT: 8.04 min Scan# 808

Delta R.T. 0.00 min

Lab File: BG033018.D

Acq: 6 Mar 2018 12:28

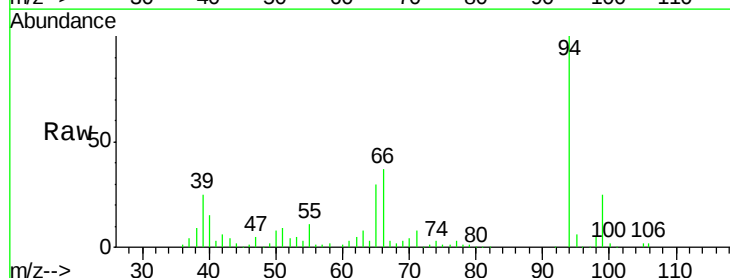
Tgt Ion: 94 Resp: 213704

Ion Ratio Lower Upper

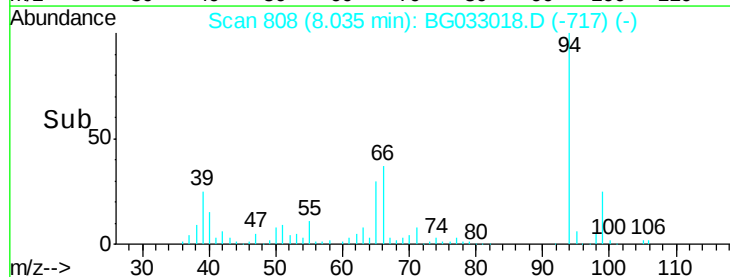
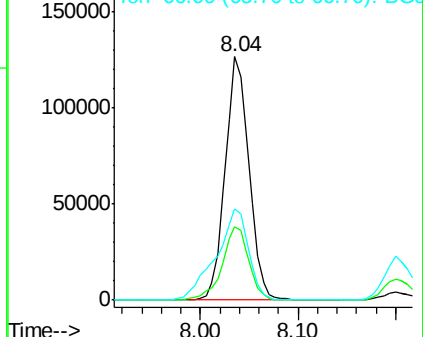
94 100

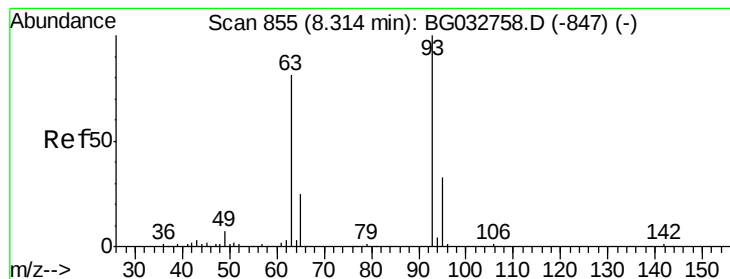
65 30.3 11.9 51.9

66 37.5 22.2 62.2



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



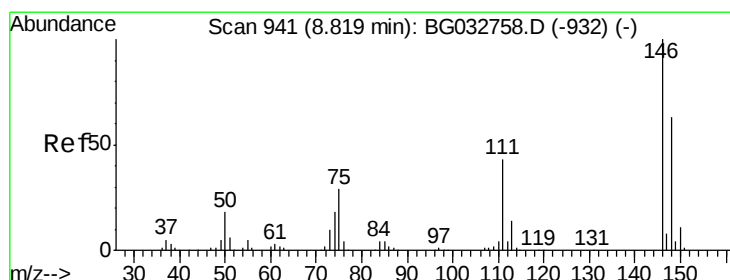
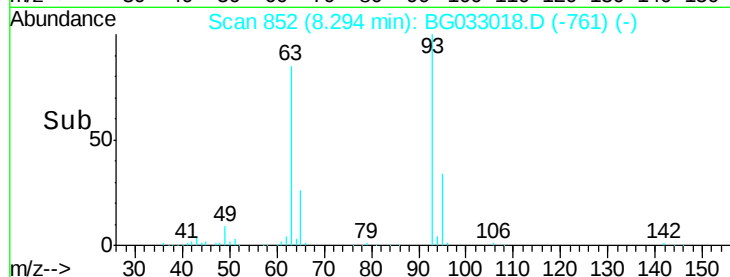
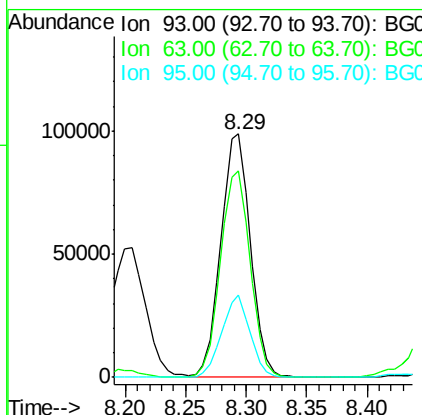
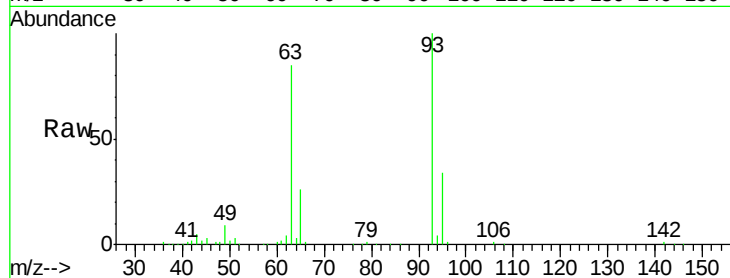


#11

bis(2-Chloroethyl)ether
Concen: 42.956 ng
RT: 8.29 min Scan# 852
Delta R.T. 0.00 min
Lab File: BG033018.D
Acq: 6 Mar 2018 12:28

Instrument :
BNA_G
ClientSampled :

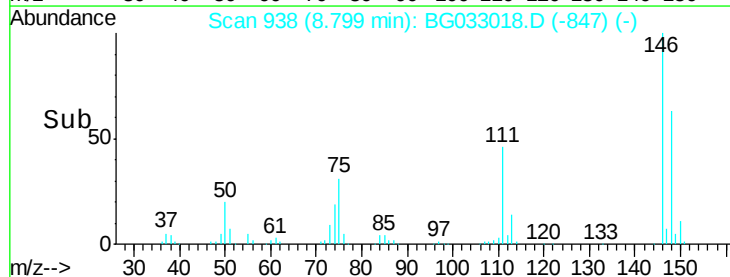
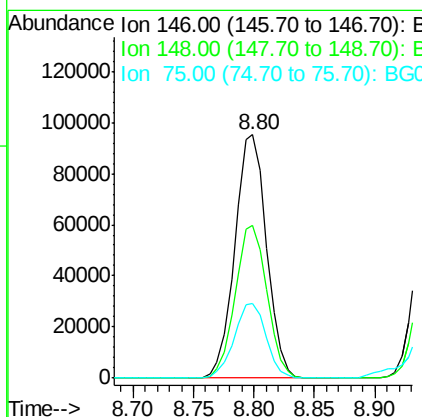
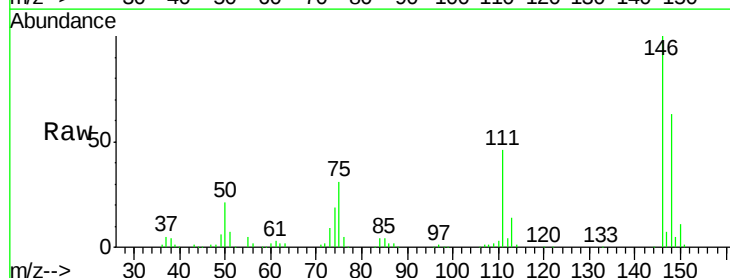
Tot Ion: 93 Resp: 168217
Ion Ratio Lower Upper
93 100
63 85.0 67.1 107.1
95 34.0 11.5 51.5

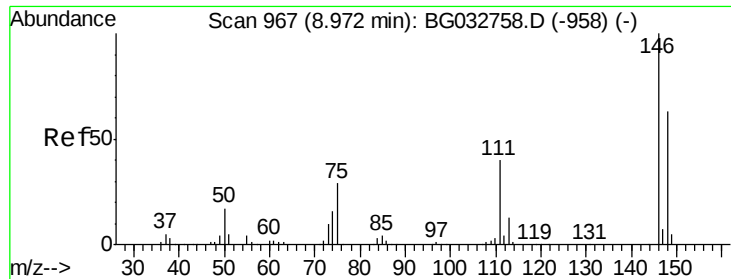


#12

1,3-Dichlorobenzene
Concen: 39.820 ng
RT: 8.80 min Scan# 938
Delta R.T. 0.00 min
Lab File: BG033018.D
Acq: 6 Mar 2018 12:28

Tgt Ion: 146 Resp: 173998
Ion Ratio Lower Upper
146 100
148 62.9 51.4 77.2
75 30.8 26.6 39.8

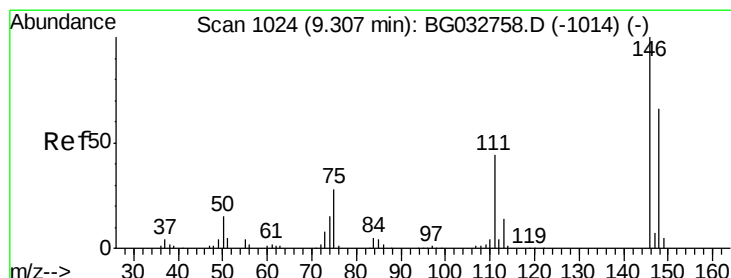
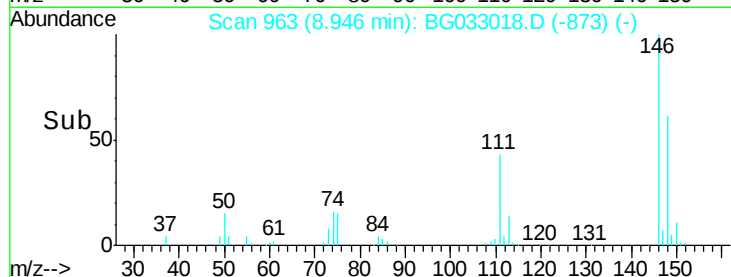
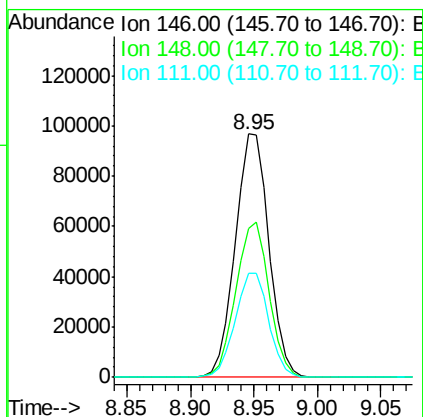
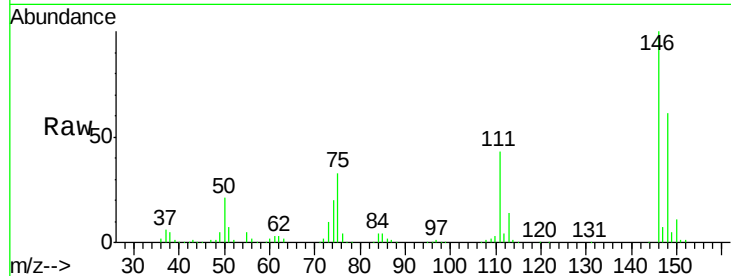




#13
 1,4-Dichlorobenzene
 Concen: 40.470 ng
 RT: 8.95 min Scan# 963
 Delta R.T. -0.00 min
 Lab File: BG033018.D
 Acq: 6 Mar 2018 12:28

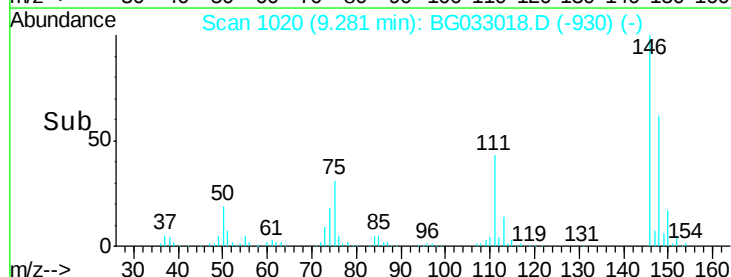
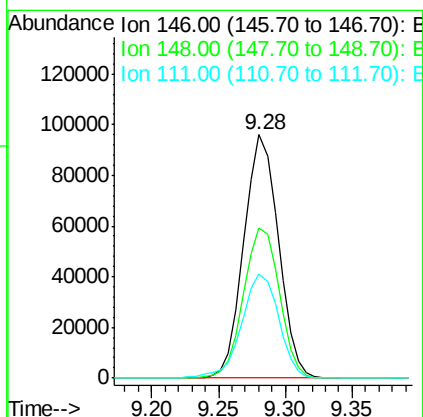
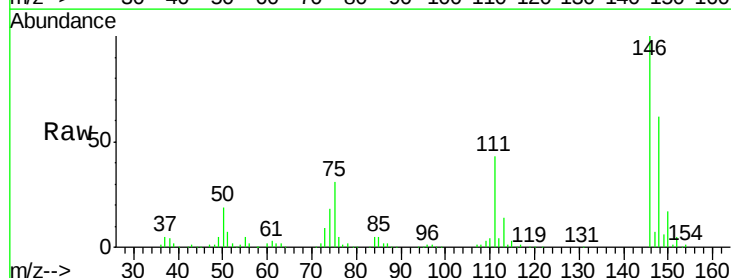
Instrument :
 BNA_G
 ClientSampleId :

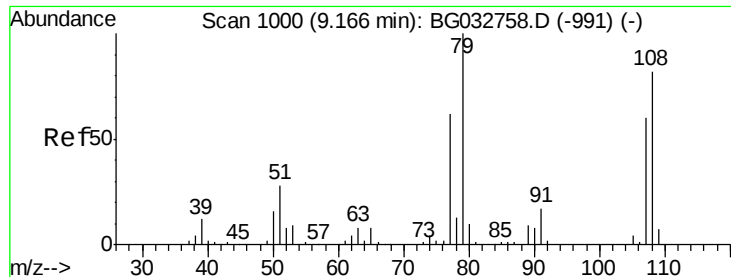
Tot Ion:146 Resp: 178002
 Ion Ratio Lower Upper
 146 100
 148 61.2 53.7 80.5
 111 43.0 35.2 52.8



#14
 1,2-Dichlorobenzene
 Concen: 40.892 ng
 RT: 9.28 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG033018.D
 Acq: 6 Mar 2018 12:28

Tgt Ion:146 Resp: 172353
 Ion Ratio Lower Upper
 146 100
 148 61.6 49.3 73.9
 111 42.9 34.3 51.5





#15

Benzyl Alcohol

Concen: 48.109 ng

RT: 9.15 min Scan# 997

Delta R.T. 0.00 min

Lab File: BG033018.D

Acq: 6 Mar 2018 12:28

Instrument :

BNA_G

ClientSampleId :

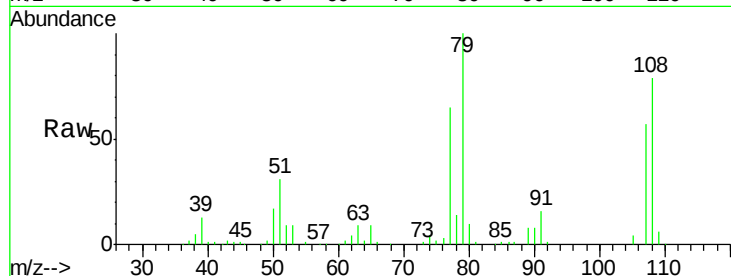
Tot Ion: 79 Resp: 168023

Ion Ratio Lower Upper

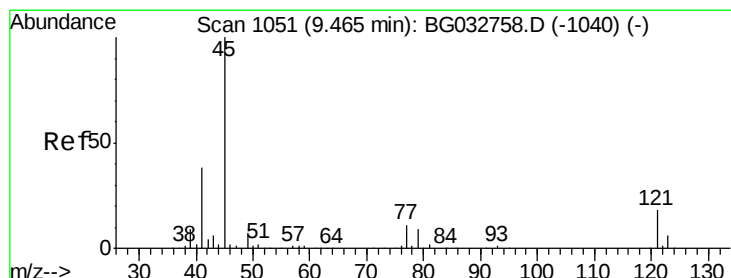
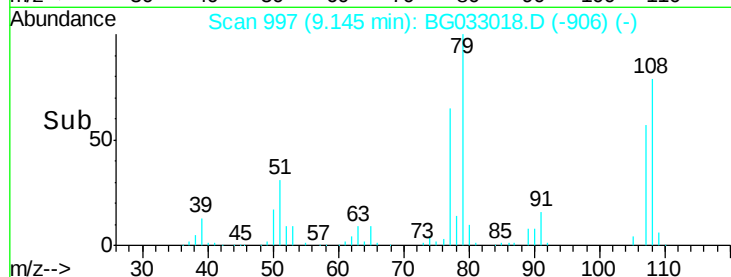
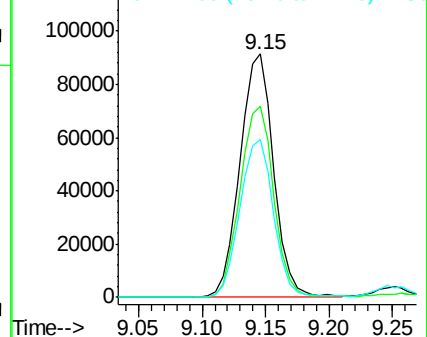
79 100

108 78.5 57.2 85.8

77 64.6 46.1 69.1



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 48.261 ng

RT: 9.44 min Scan# 1047

Delta R.T. 0.00 min

Lab File: BG033018.D

Acq: 6 Mar 2018 12:28

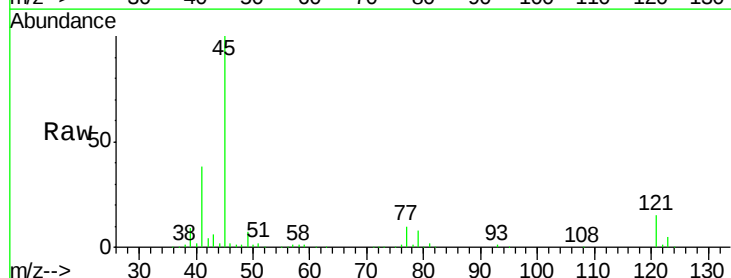
Tgt Ion: 45 Resp: 324893

Ion Ratio Lower Upper

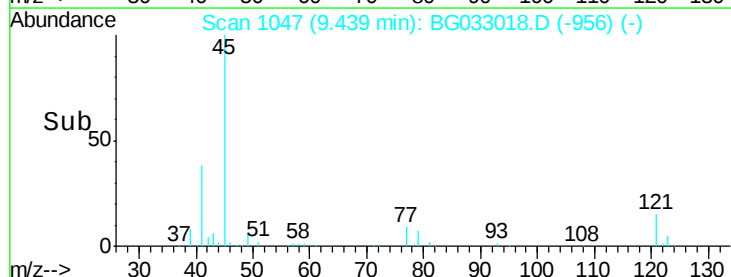
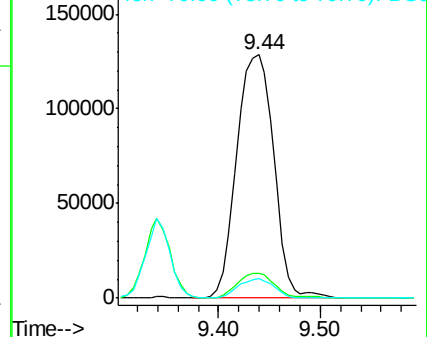
45 100

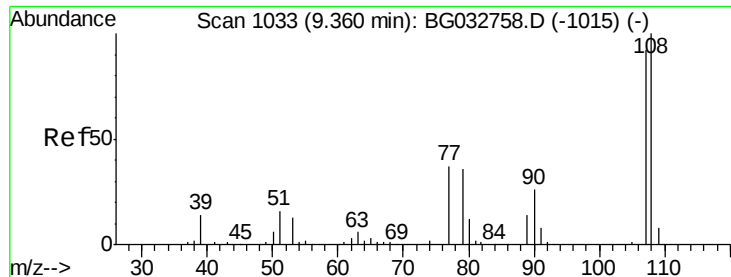
77 9.9 0.0 30.2

79 7.8 0.0 27.9



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

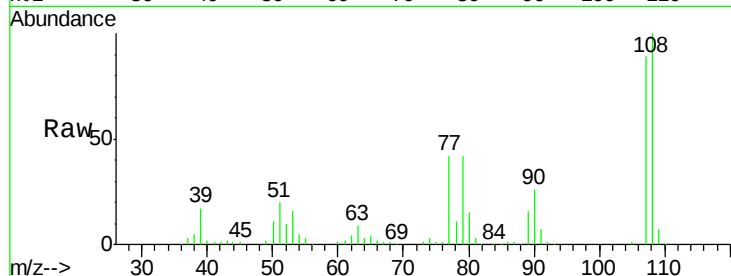




#17
2-Methylphenol
Concen: 45.102 ng
RT: 9.34 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BG033018.D
Acq: 6 Mar 2018 12:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.7	83.9	125.9
77	47.0	37.2	55.8
79	47.5	36.2	54.2



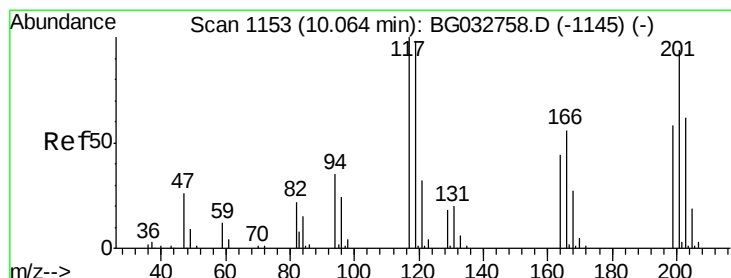
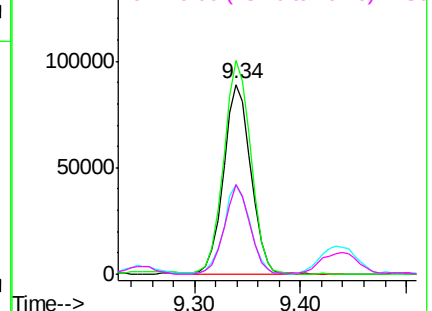
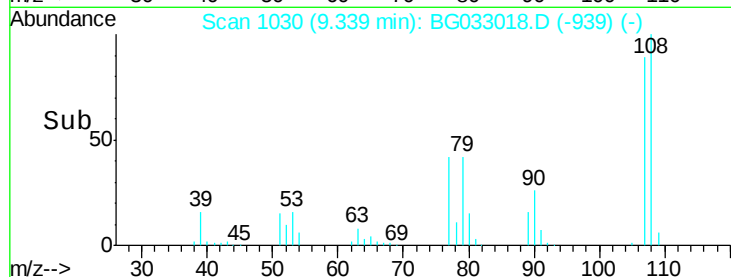
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

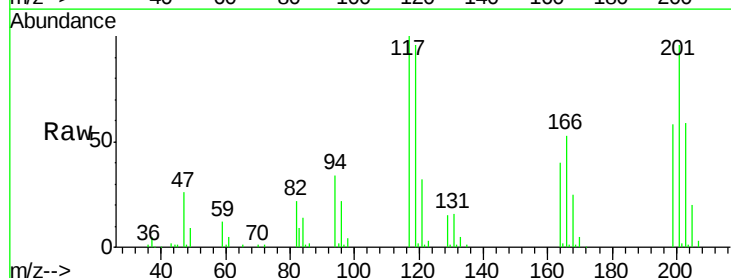
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18
Hexachloroethane
Concen: 43.335 ng
RT: 10.04 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BG033018.D
Acq: 6 Mar 2018 12:28

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.4	76.7	115.1
201	95.8	95.7	143.5

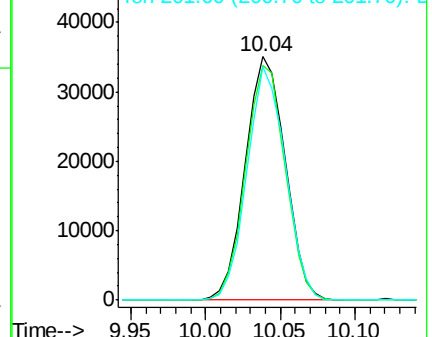
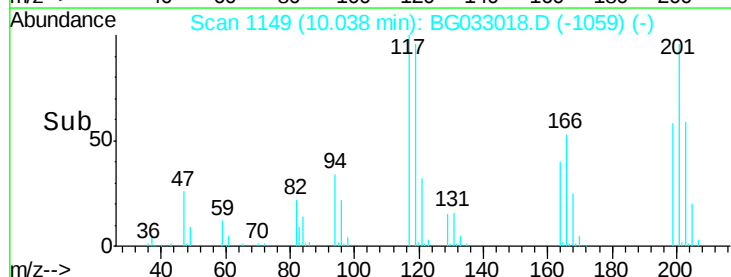


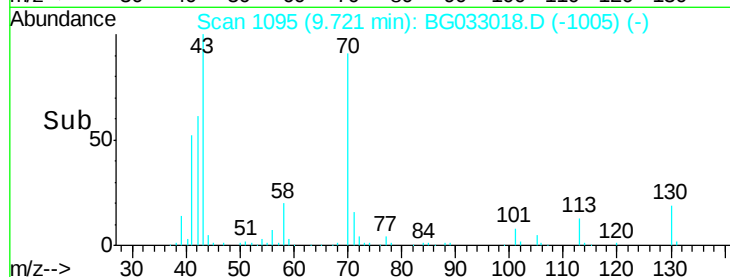
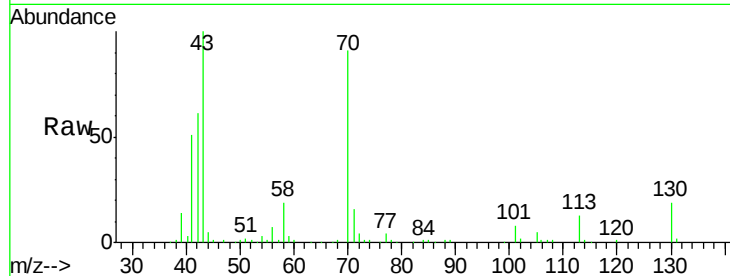
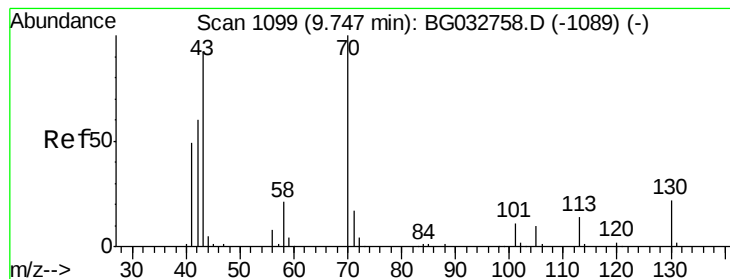
Abundance

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: 43.966 ng

RT: 9.72 min Scan# 1095

Delta R.T. -0.00 min

Lab File: BG033018.D

Acq: 6 Mar 2018 12:28

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 147460

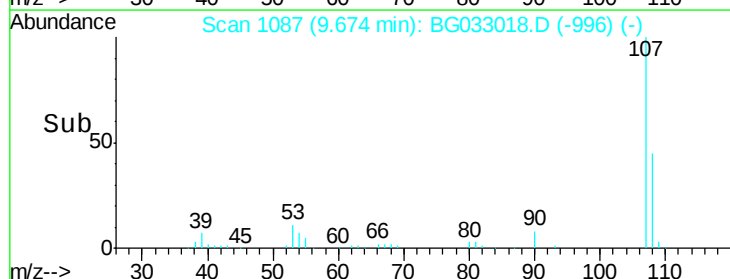
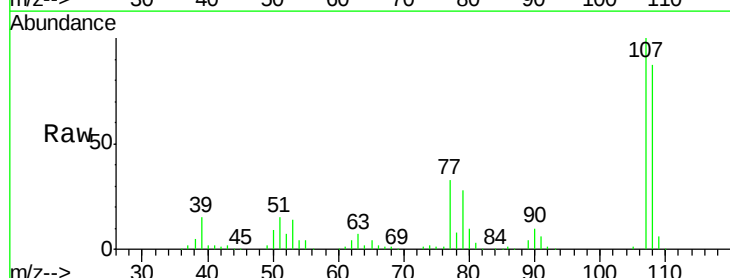
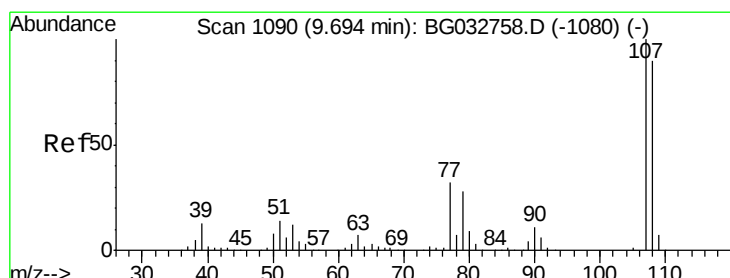
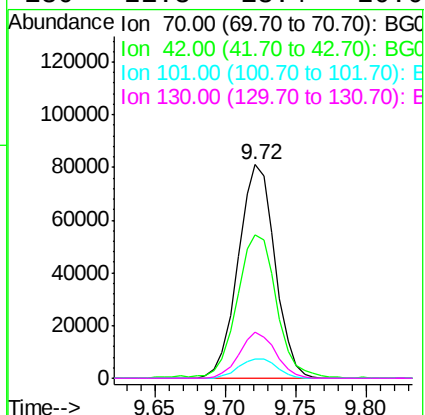
Ion Ratio Lower Upper

70 100

42 67.1 49.1 73.7

101 8.9 8.5 12.7

130 21.3 13.4 20.0#



#20

3+4-Methylphenols

Concen: 45.413 ng

RT: 9.67 min Scan# 1087

Delta R.T. 0.00 min

Lab File: BG033018.D

Acq: 6 Mar 2018 12:28

Tgt Ion: 107 Resp: 222991

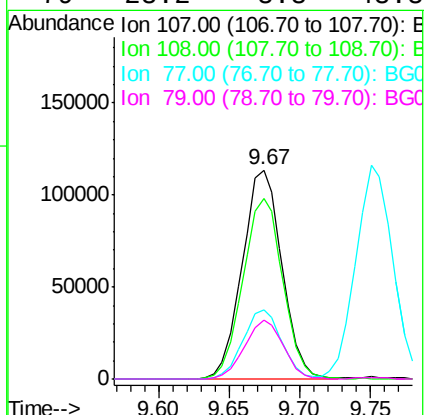
Ion Ratio Lower Upper

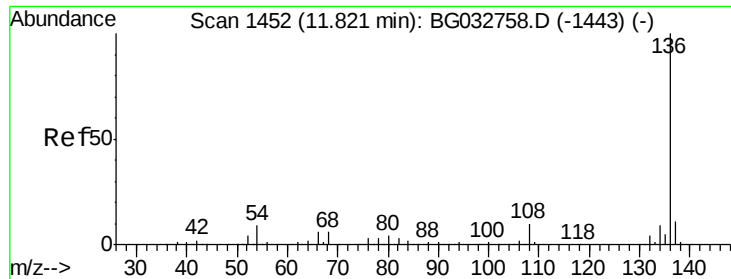
107 100

108 86.6 61.6 101.6

77 33.2 13.9 53.9

79 28.2 8.8 48.8

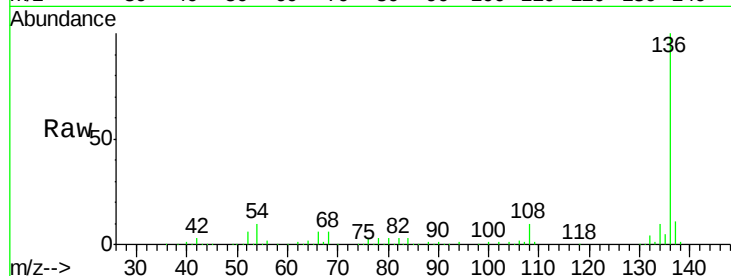




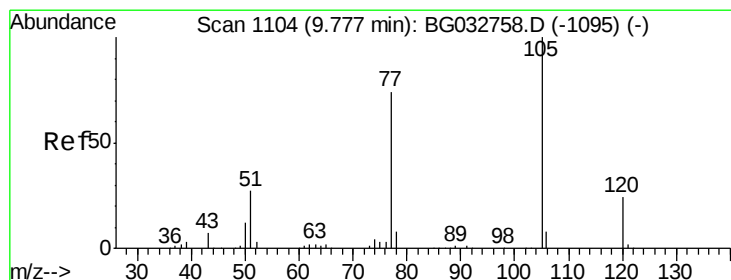
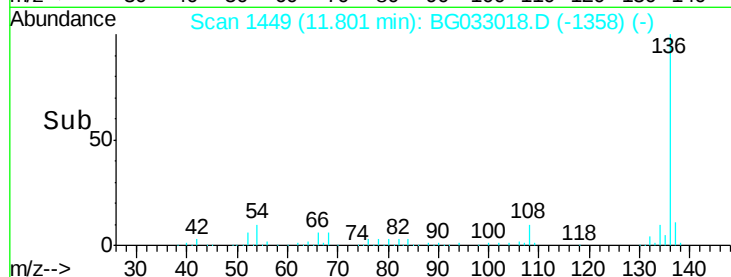
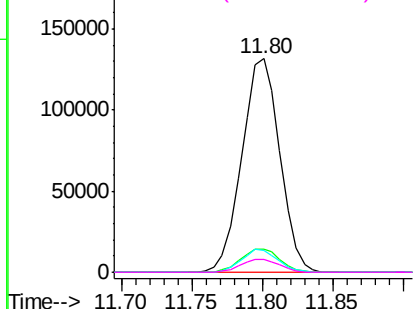
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.80 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BG033018.D
Acq: 6 Mar 2018 12:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	247616
Ion Ratio	Lower	Upper
136	100	
137	10.8	9.2 13.8
54	10.0	10.3 15.5#
68	5.8	4.5 6.7

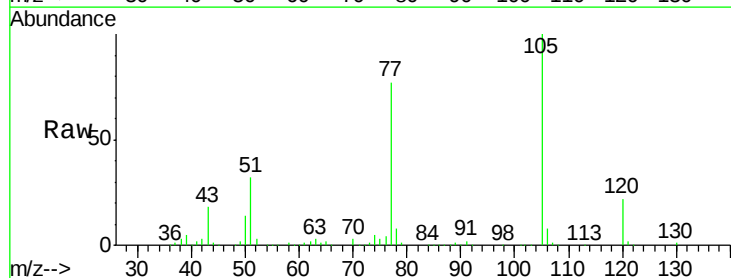


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

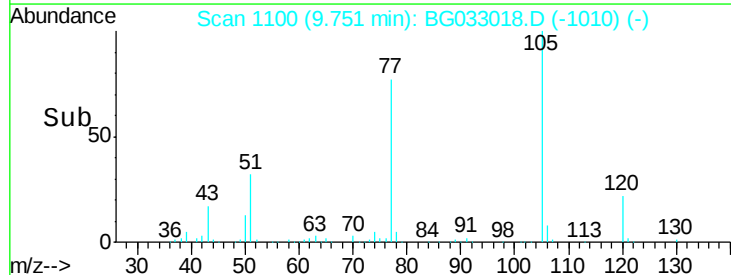
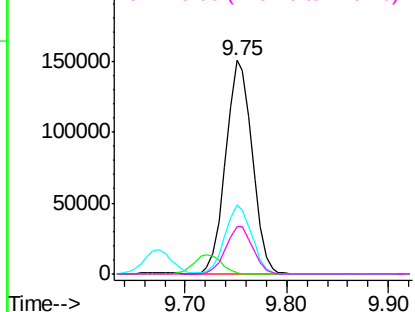


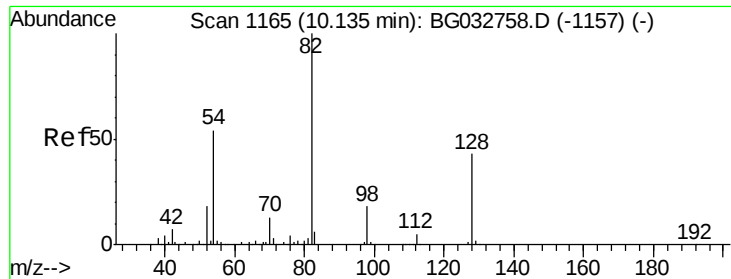
#22
Acetophenone
Concen: 43.645 ng
RT: 9.75 min Scan# 1100
Delta R.T. -0.00 min
Lab File: BG033018.D
Acq: 6 Mar 2018 12:28

Tgt Ion:105	Resp:	272932
Ion Ratio	Lower	Upper
105	100	
71	0.5	3.0 4.4#
51	32.5	26.1 39.1
120	22.0	17.4 26.2



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

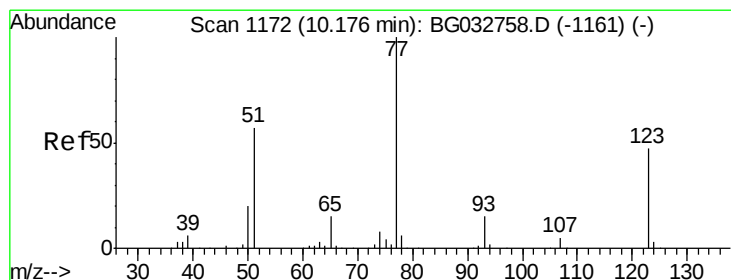
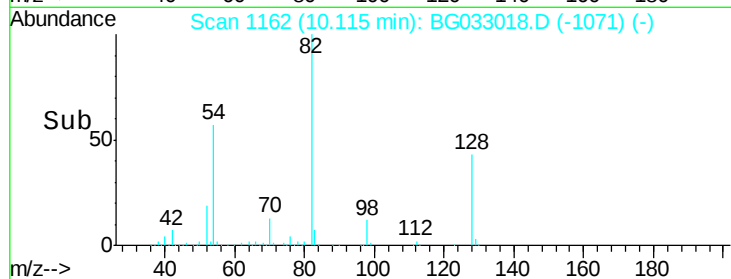
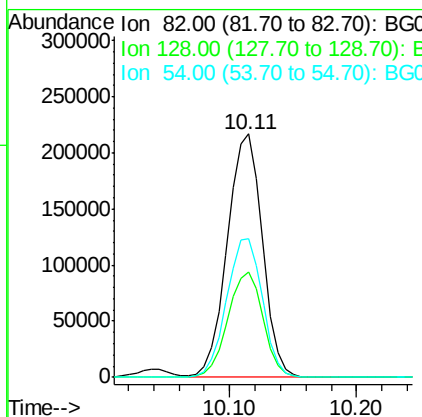
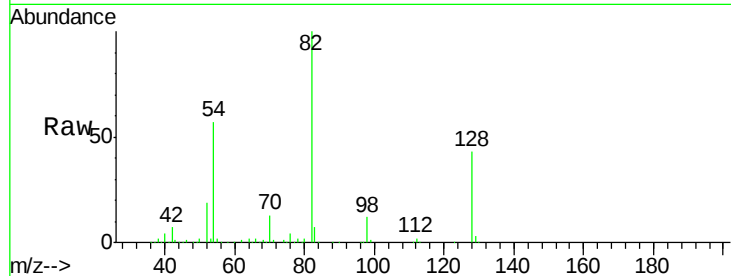




#23
 Nitrobenzene-d5
 Concen: 112.395 ng
 RT: 10.11 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: BG033018.D
 Acq: 6 Mar 2018 12:28

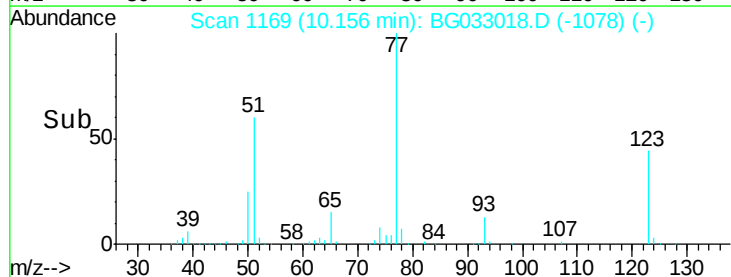
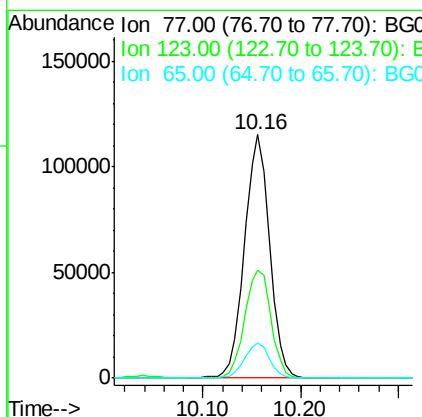
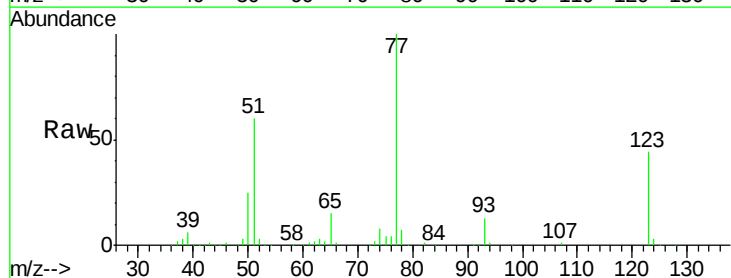
Instrument :
 BNA_G
 ClientSampled :

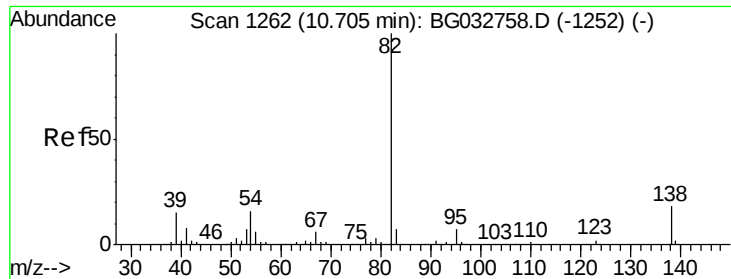
Tot Ion	82	Resp	413954
Ion Ratio	Lower	Upper	
82	100		
128	43.2	29.7	44.5
54	57.1	43.1	64.7



#24
 Nitrobenzene
 Concen: 52.015 ng
 RT: 10.16 min Scan# 1169
 Delta R.T. 0.00 min
 Lab File: BG033018.D
 Acq: 6 Mar 2018 12:28

Tgt Ion	77	Resp	207831
Ion Ratio	Lower	Upper	
77	100		
123	44.4	33.0	49.6
65	14.6	13.0	19.6





#25

Isophorone

Concen: 47.185 ng

RT: 10.68 min Scan# 1258

Delta R.T. 0.00 min

Lab File: BG033018.D

Acq: 6 Mar 2018 12:28

Instrument :

BNA_G

ClientSampleId :

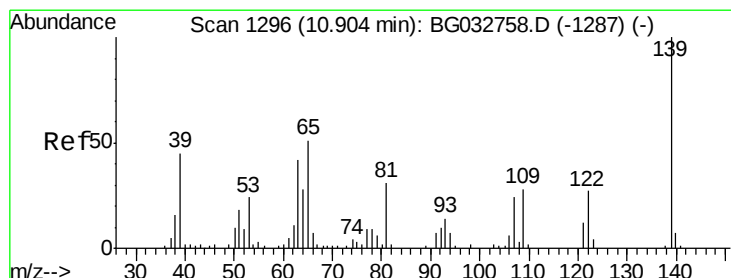
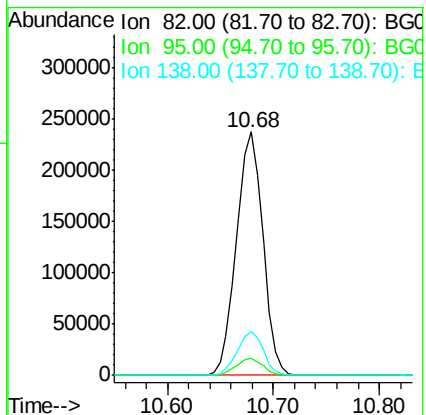
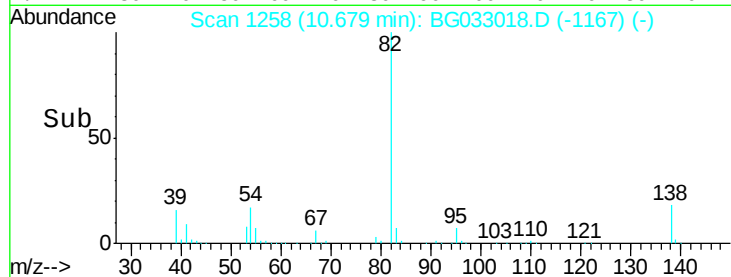
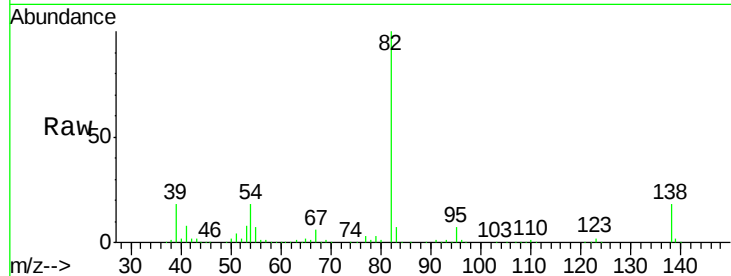
Tot Ion: 82 Resp: 410093

Ion Ratio Lower Upper

82 100

95 6.9 6.2 9.2

138 18.0 12.1 18.1



#26

2-Nitrophenol

Concen: 63.393 ng

RT: 10.88 min Scan# 1293

Delta R.T. 0.00 min

Lab File: BG033018.D

Acq: 6 Mar 2018 12:28

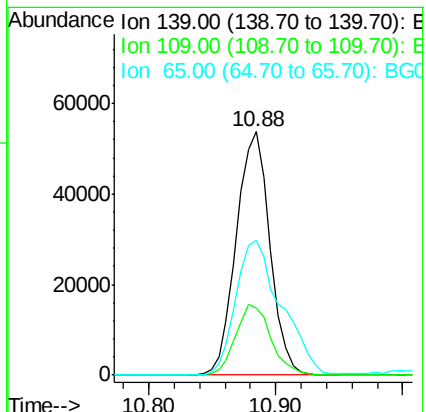
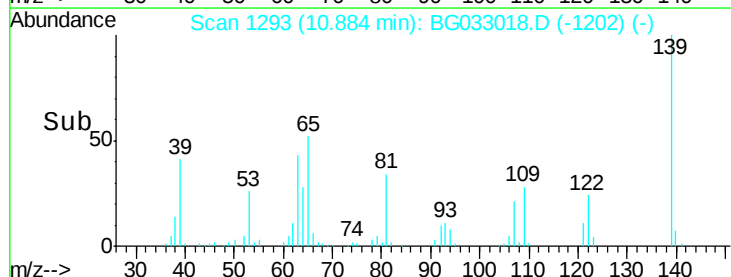
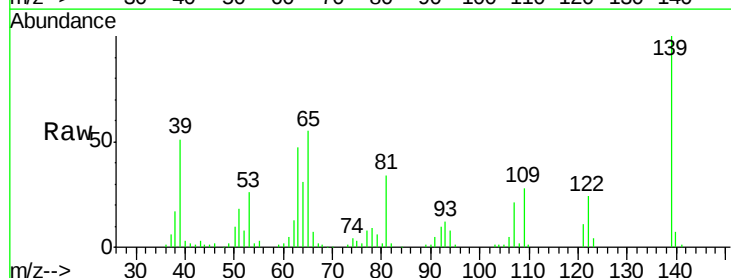
Tgt Ion: 139 Resp: 98564

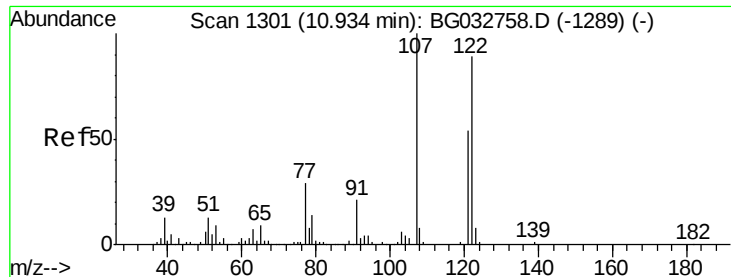
Ion Ratio Lower Upper

139 100

109 27.8 24.2 36.2

65 55.2 47.4 71.0

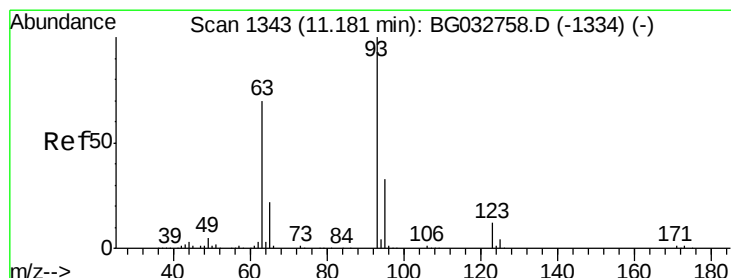
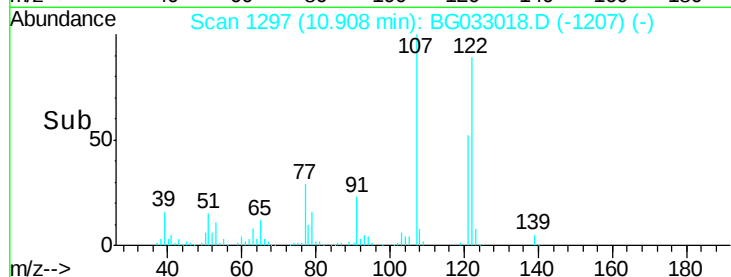
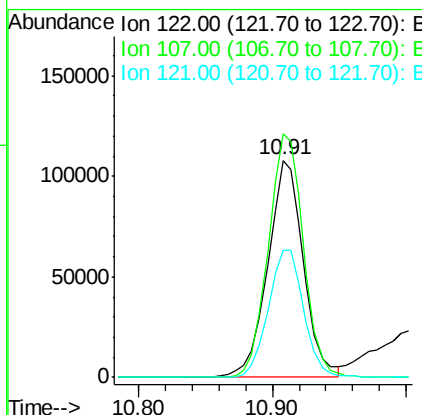
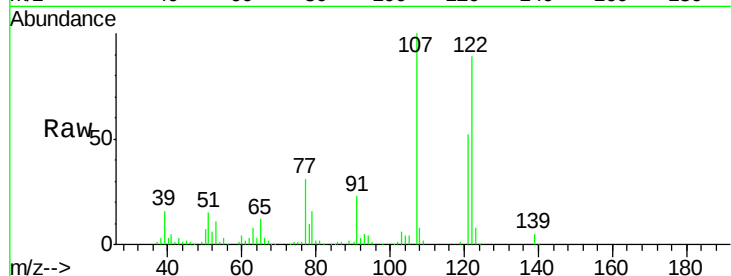




#27
 2,4-Dimethylphenol
 Concen: 53.208 ng
 RT: 10.91 min Scan# 1297
 Delta R.T. -0.00 min
 Lab File: BG033018.D
 Acq: 6 Mar 2018 12:28

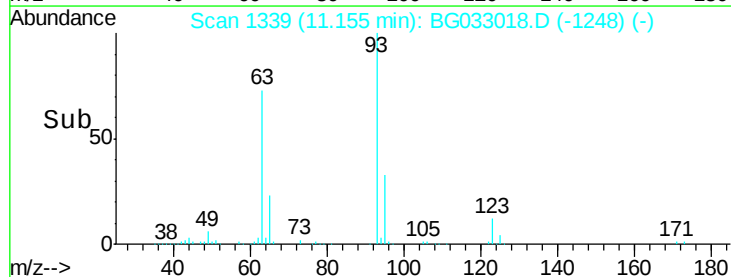
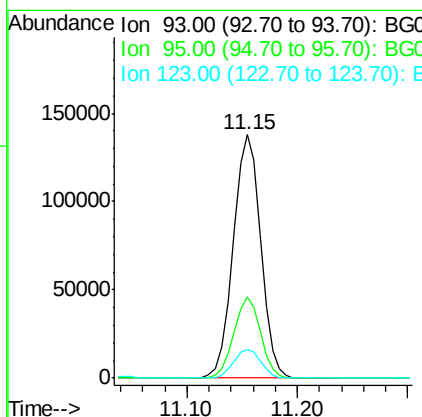
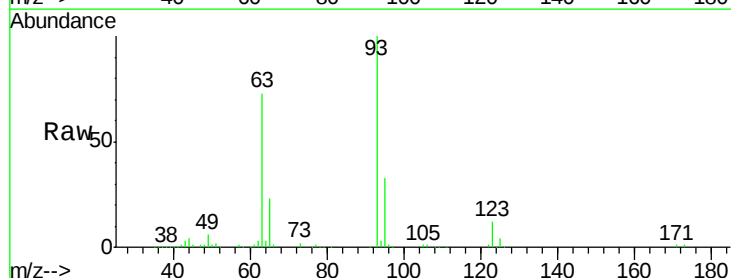
Instrument :
 BNA_G
 ClientSampleId :

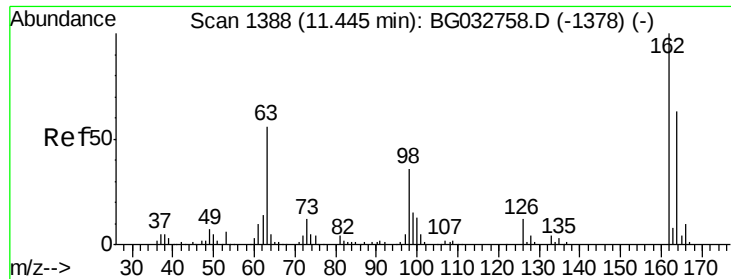
Tot Ion	122	Resp	200889
Ion Ratio	Lower	Upper	
122	100		
107	112.2	100.2	150.2
121	58.8	44.4	66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 47.525 ng
 RT: 11.15 min Scan# 1339
 Delta R.T. 0.00 min
 Lab File: BG033018.D
 Acq: 6 Mar 2018 12:28

Tgt Ion	93	Resp	240623
Ion Ratio	Lower	Upper	
93	100		
95	33.4	24.3	36.5
123	11.8	8.4	12.6

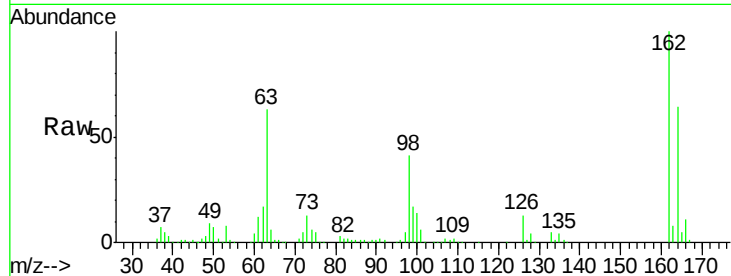




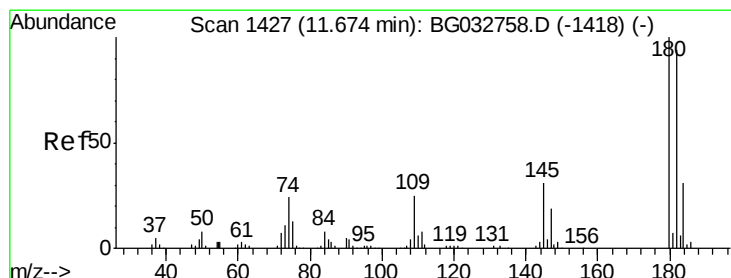
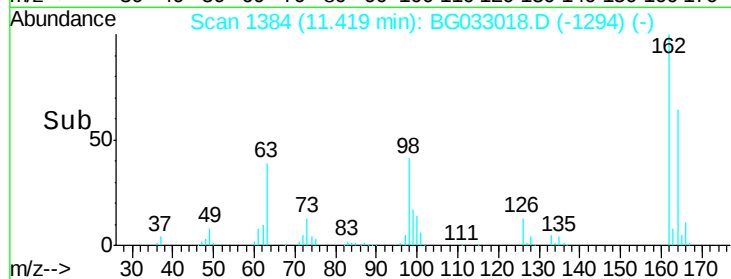
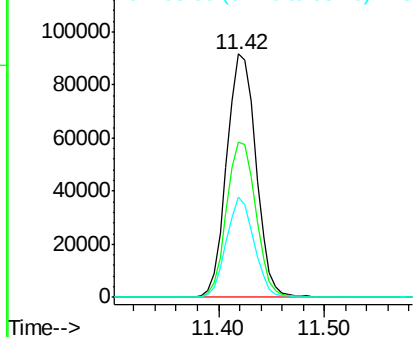
#29
 2,4-Dichlorophenol
 Concen: 51.286 ng
 RT: 11.42 min Scan# 1384
 Delta R.T. -0.00 min
 Lab File: BG033018.D
 Acq: 6 Mar 2018 12:28

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:162 Resp: 175740
 Ion Ratio Lower Upper
 162 100
 164 63.8 48.0 88.0
 98 41.1 21.1 61.1

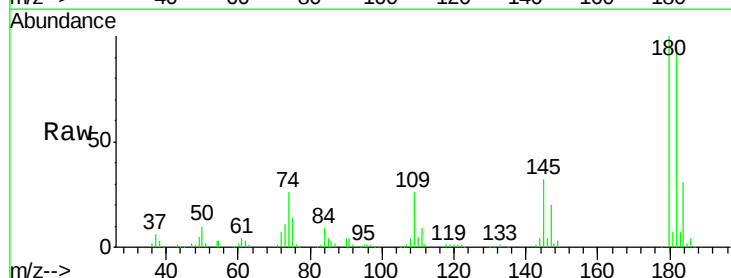


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

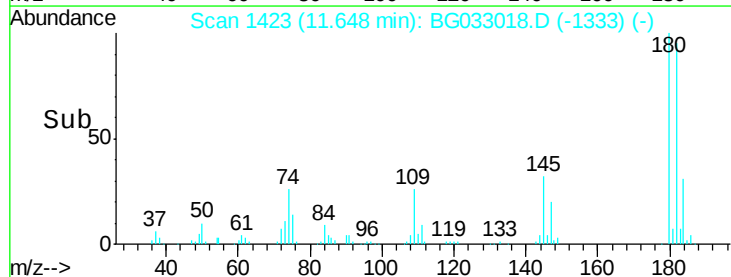
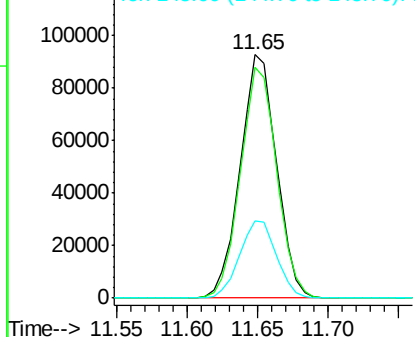


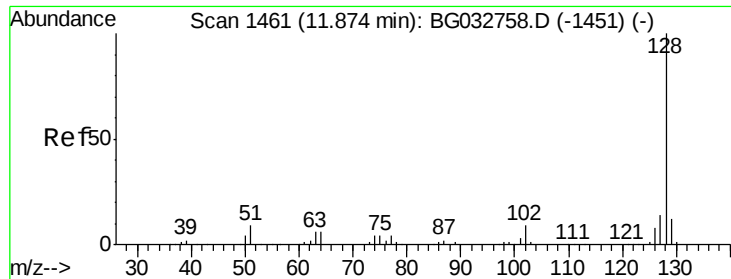
#30
 1,2,4-Trichlorobenzene
 Concen: 41.614 ng
 RT: 11.65 min Scan# 1423
 Delta R.T. -0.00 min
 Lab File: BG033018.D
 Acq: 6 Mar 2018 12:28

Tgt Ion:180 Resp: 167155
 Ion Ratio Lower Upper
 180 100
 182 95.0 77.5 116.3
 145 31.8 23.4 35.2



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

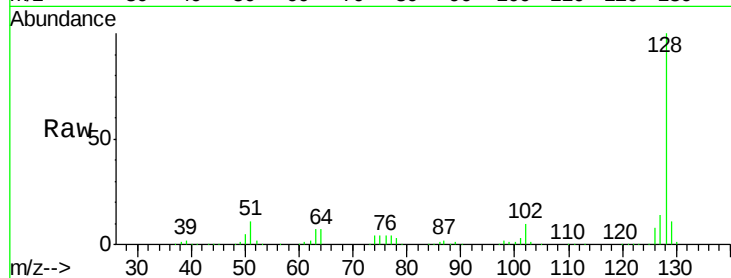




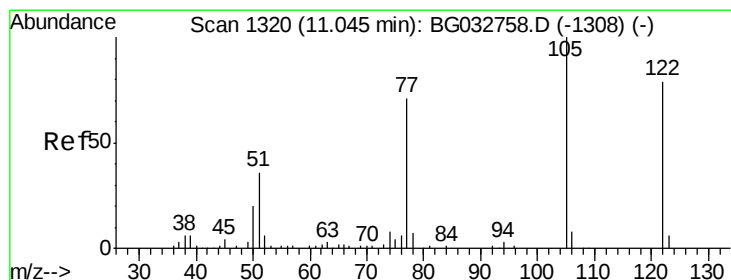
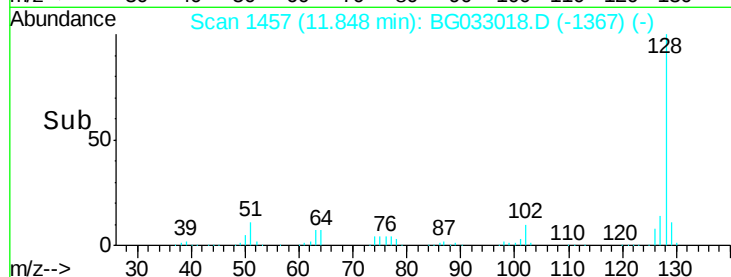
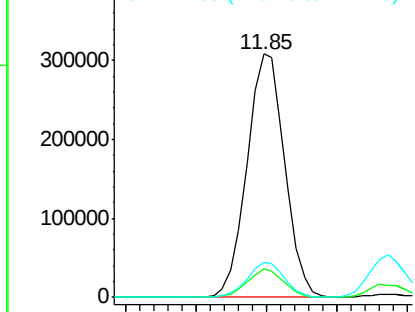
#31
Naphthalene
Concen: 44.531 ng
RT: 11.85 min Scan# 1457
Delta R.T. -0.00 min
Lab File: BG033018.D
Acq: 6 Mar 2018 12:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 576186
Ion Ratio Lower Upper
128 100
129 11.5 8.6 12.8
127 14.2 11.6 17.4

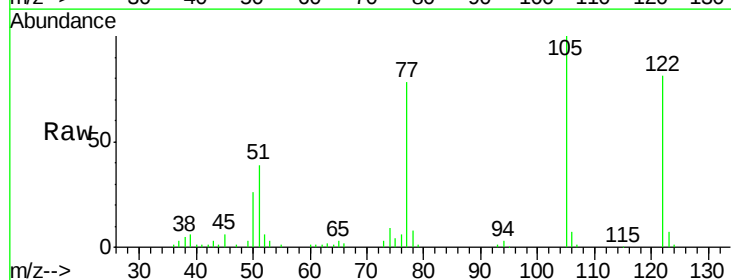


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

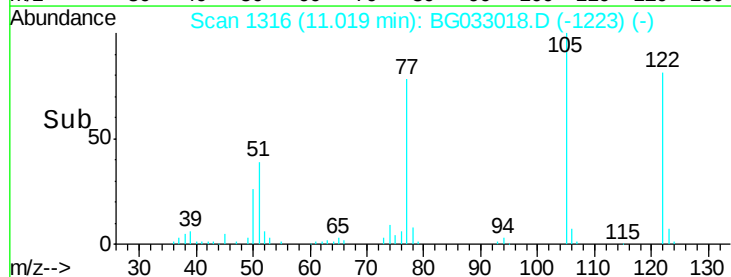
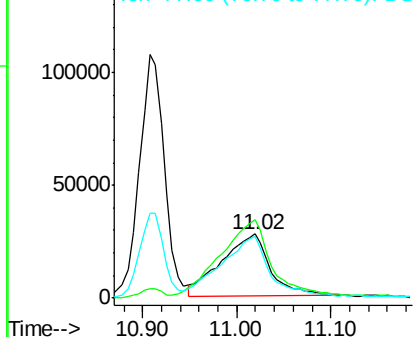


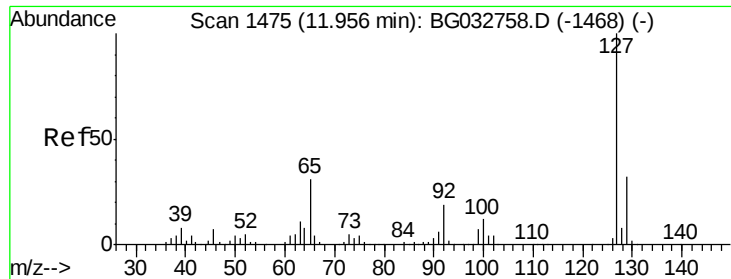
#32
Benzoic acid
Concen: 44.183 ng
RT: 11.02 min Scan# 1316
Delta R.T. 0.01 min
Lab File: BG033018.D
Acq: 6 Mar 2018 12:28

Tgt Ion:122 Resp: 100058
Ion Ratio Lower Upper
122 100
105 123.6 123.5 163.5
77 97.0 85.7 125.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

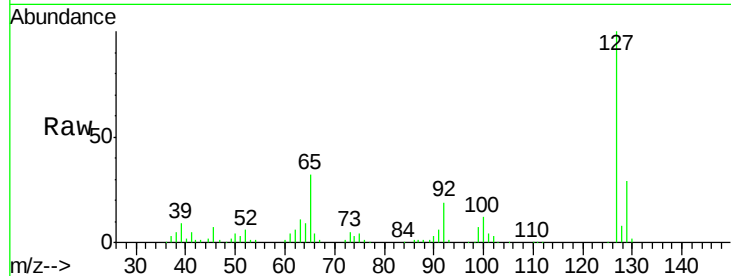




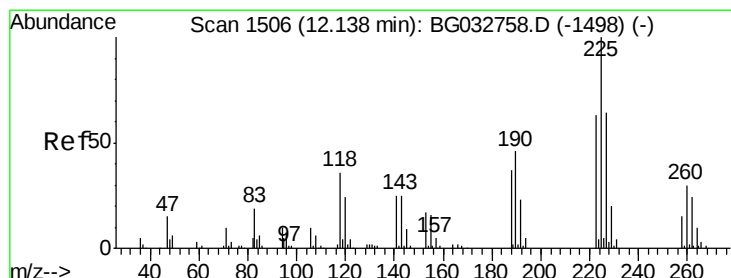
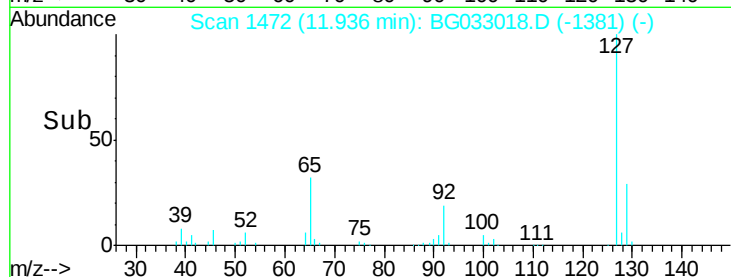
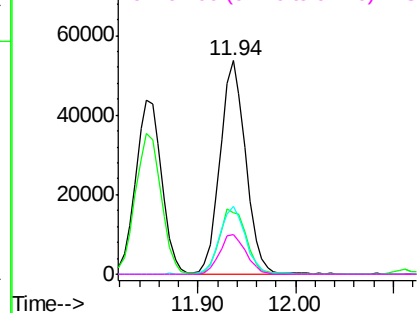
#33
4-Chloroaniline
Concen: 16.909 ng
RT: 11.94 min Scan# 1472
Delta R.T. 0.00 min
Lab File: BG033018.D
Acq: 6 Mar 2018 12:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	97825
Ion	Ratio	Lower	Upper
127	100		
129	28.9	24.0	36.0
65	32.0	27.0	40.4
92	18.8	16.6	25.0

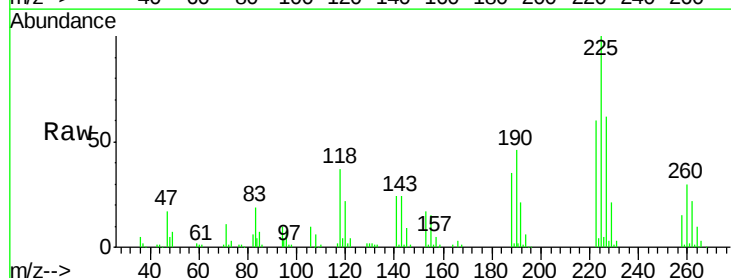


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

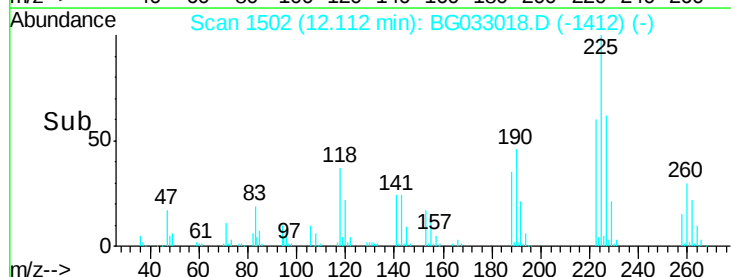
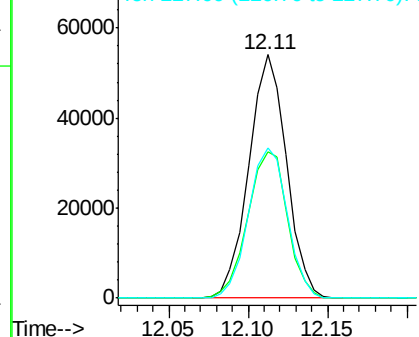


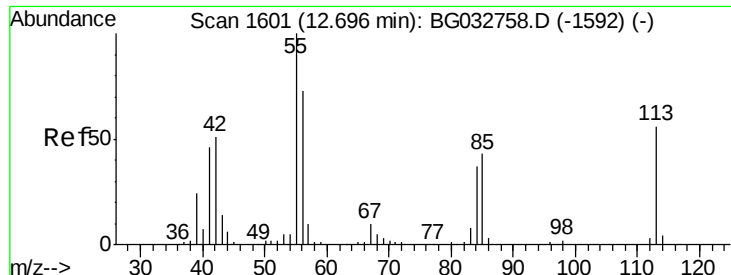
#34
Hexachlorobutadiene
Concen: 39.735 ng
RT: 12.11 min Scan# 1502
Delta R.T. -0.00 min
Lab File: BG033018.D
Acq: 6 Mar 2018 12:28

Tgt Ion:	225	Resp:	89526
Ion	Ratio	Lower	Upper
225	100		
223	60.1	49.7	74.5
227	61.9	48.1	72.1



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

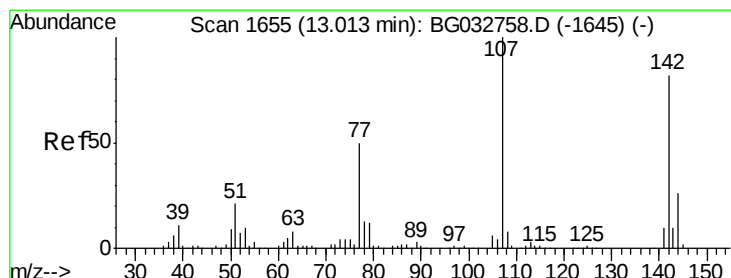
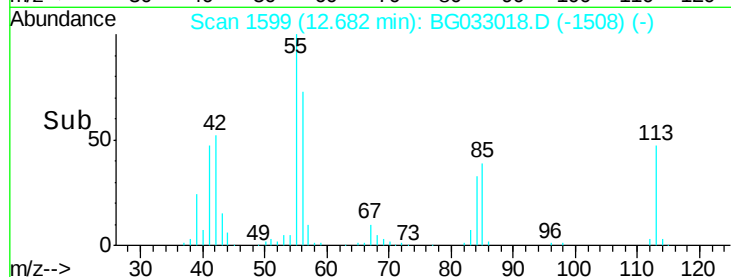
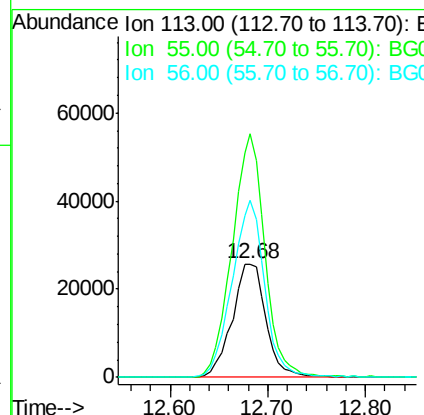
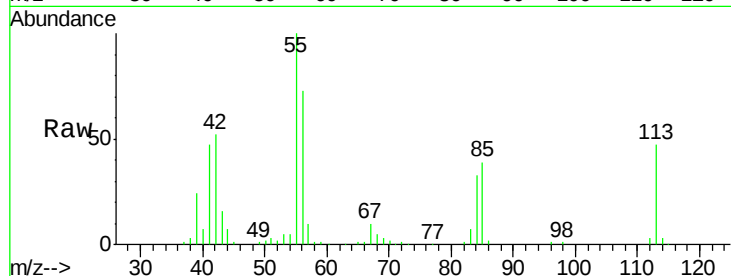




#35
 Caprolactam
 Concen: 45.153 ng
 RT: 12.68 min Scan# 1599
 Delta R.T. 0.00 min
 Lab File: BG033018.D
 Acq: 6 Mar 2018 12:28

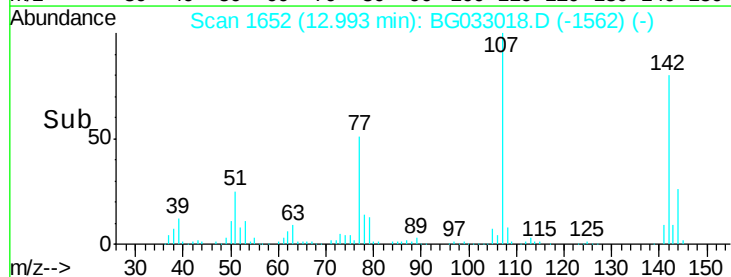
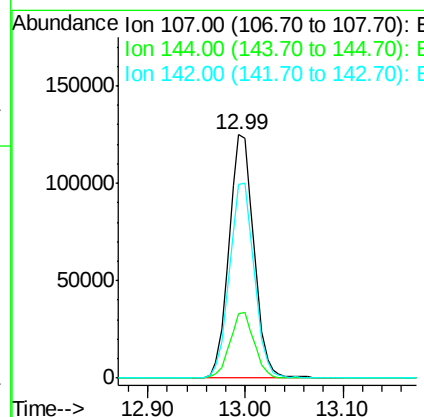
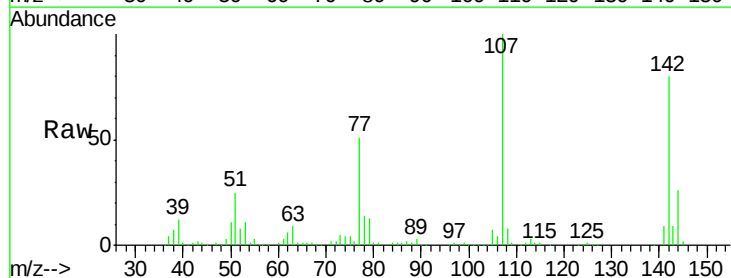
Instrument :
 BNA_G
 ClientSampleId :

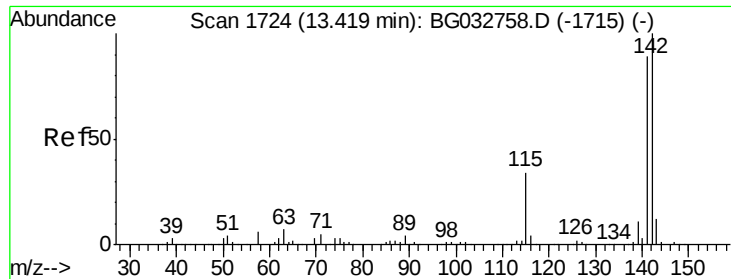
Tot Ion:113 Resp: 61954
 Ion Ratio Lower Upper
 113 100
 55 214.8 186.9 226.9
 56 155.9 130.9 170.9



#36
 4-Chloro-3-methylphenol
 Concen: 55.512 ng
 RT: 12.99 min Scan# 1652
 Delta R.T. -0.00 min
 Lab File: BG033018.D
 Acq: 6 Mar 2018 12:28

Tgt Ion:107 Resp: 221364
 Ion Ratio Lower Upper
 107 100
 144 26.4 18.2 27.4
 142 79.7 59.0 88.4

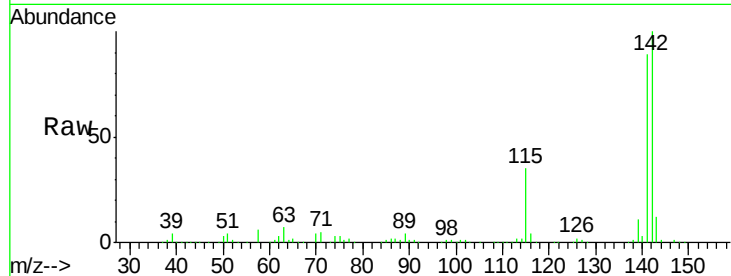




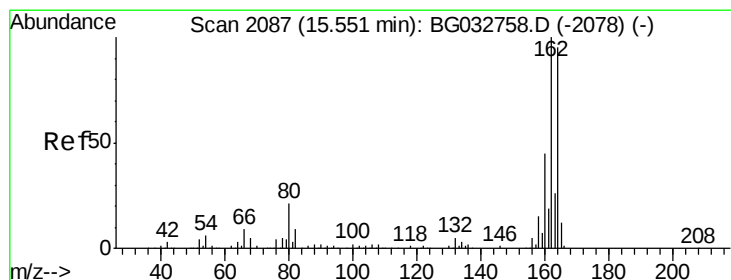
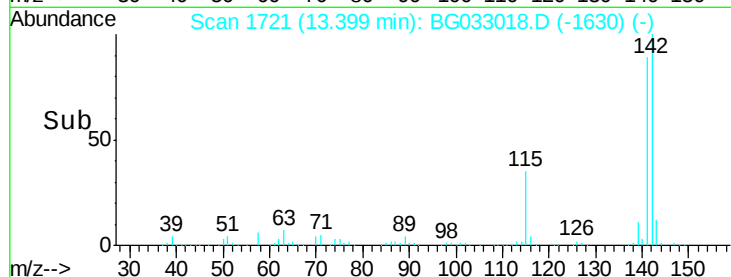
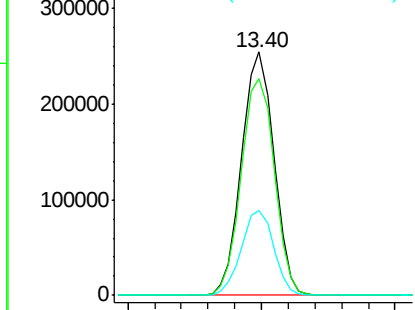
#37
2-Methylnaphthalene
Concen: 45.620 ng
RT: 13.40 min Scan# 1721
Delta R.T. 0.00 min
Lab File: BG033018.D
Acq: 6 Mar 2018 12:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion:142 Resp: 427049
Ion Ratio Lower Upper
142 100
141 89.0 67.1 100.7
115 35.0 30.7 46.1

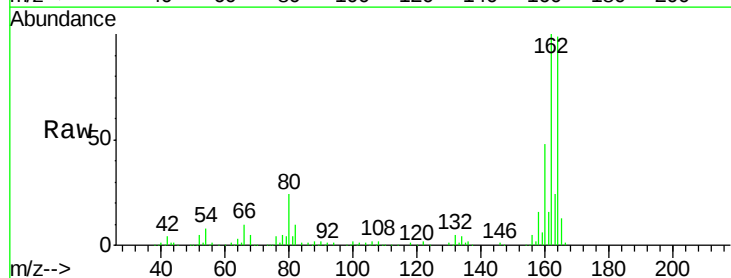


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

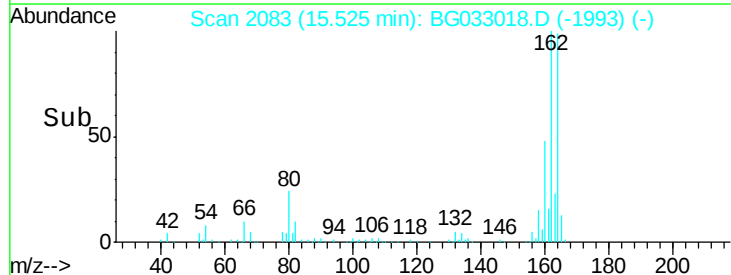
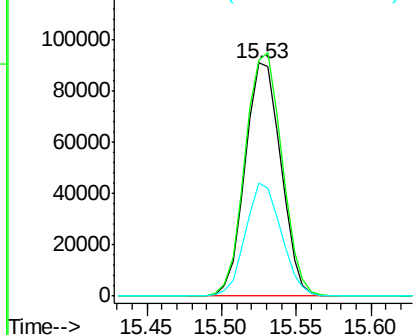


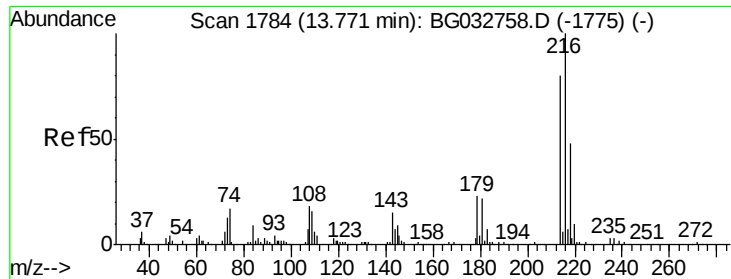
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.53 min Scan# 2083
Delta R.T. -0.00 min
Lab File: BG033018.D
Acq: 6 Mar 2018 12:28

Tgt Ion:164 Resp: 150251
Ion Ratio Lower Upper
164 100
162 101.1 78.8 118.2
160 48.3 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: 40.336 ng

RT: 13.75 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BG033018.D

Acq: 6 Mar 2018 12:28

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 179909

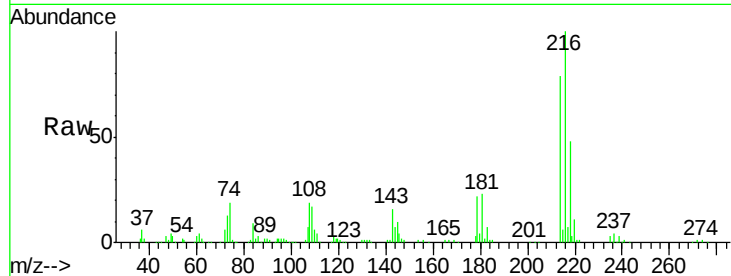
Ion	Ratio	Lower	Upper
216	100		
214	79.7	63.0	94.4
179	23.3	17.0	25.6
108	23.0	12.8	19.2

216 100

214 79.7 63.0 94.4

179 23.3 17.0 25.6

108 23.0 12.8 19.2

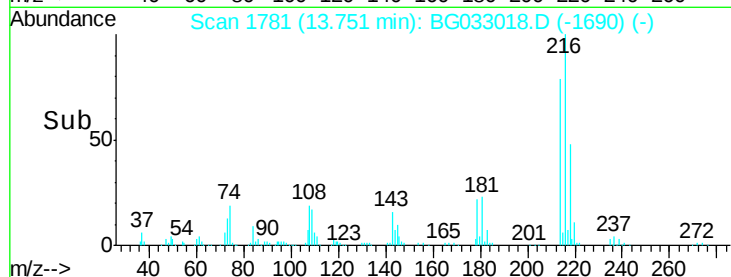


Abundance Ion 216.00 (215.70 to 216.70): E

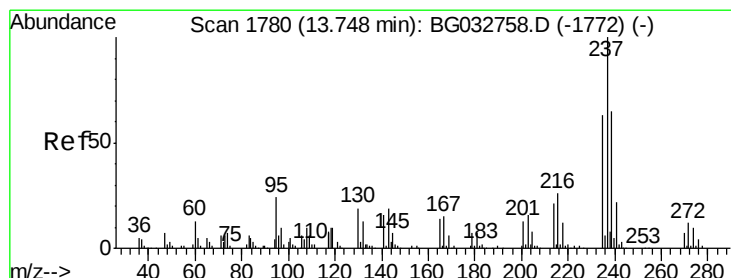
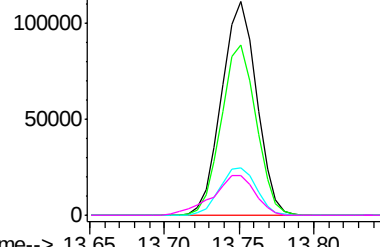
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time--> 13.65 13.70 13.75 13.80



#40

Hexachlorocyclopentadiene

Concen: 89.821 ng

RT: 13.73 min Scan# 1777

Delta R.T. 0.00 min

Lab File: BG033018.D

Acq: 6 Mar 2018 12:28

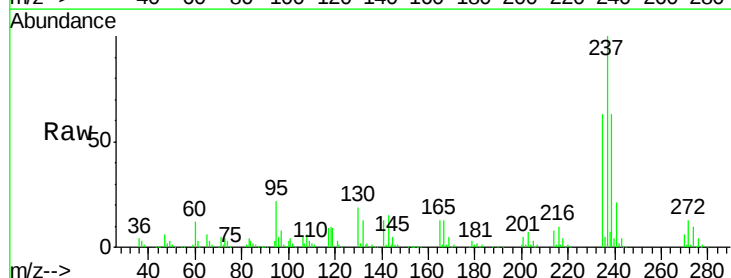
Tgt Ion:237 Resp: 204173

Ion	Ratio	Lower	Upper
237	100		
235	62.9	50.4	90.4
272	12.8	0.0	31.8

237 100

235 62.9 50.4 90.4

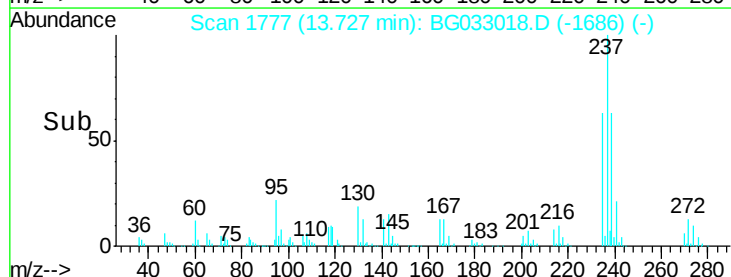
272 12.8 0.0 31.8



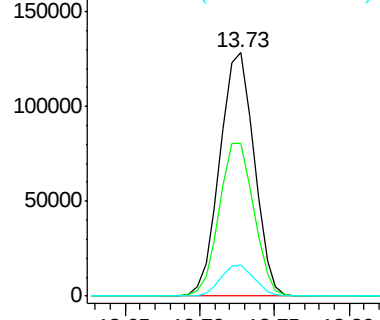
Abundance Ion 236.80 (236.50 to 237.50): E

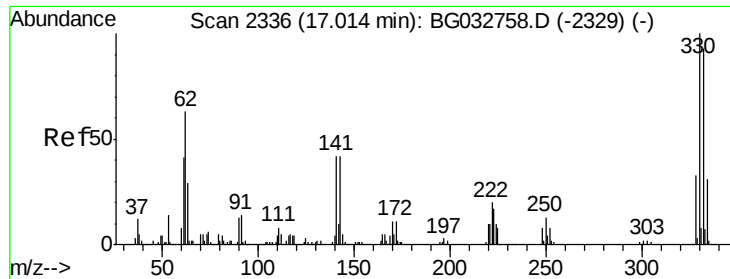
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time--> 13.65 13.70 13.75 13.80

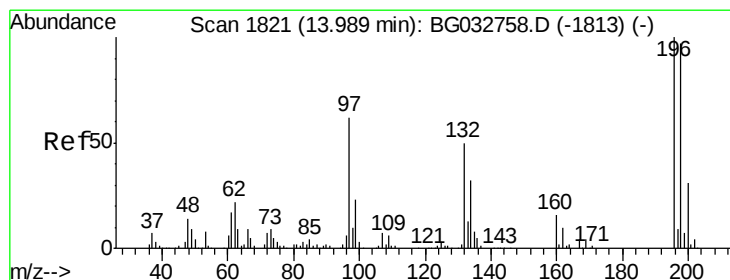
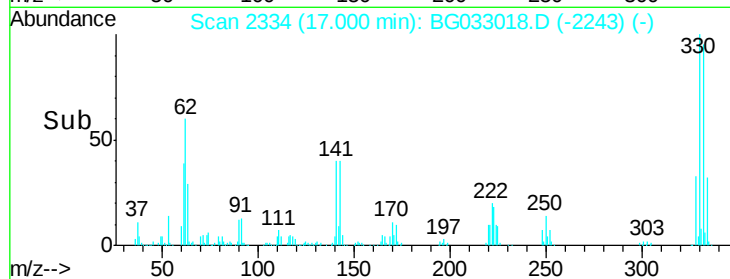
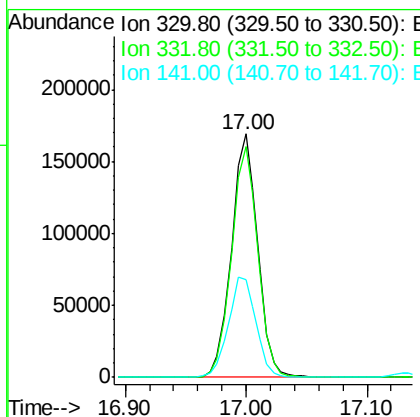
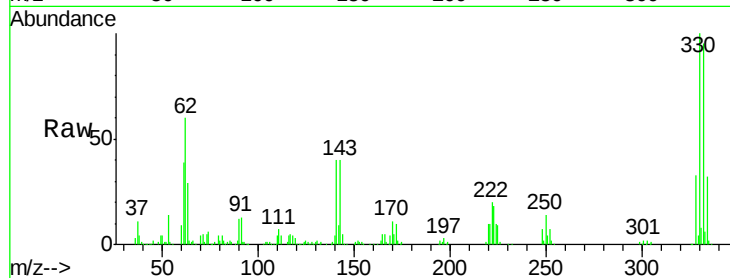




#41
 2,4,6-Tribromophenol
 Concen: 161.656 ng
 RT: 17.00 min Scan# 2334
 Delta R.T. 0.00 min
 Lab File: BG033018.D
 Acq: 6 Mar 2018 12:28

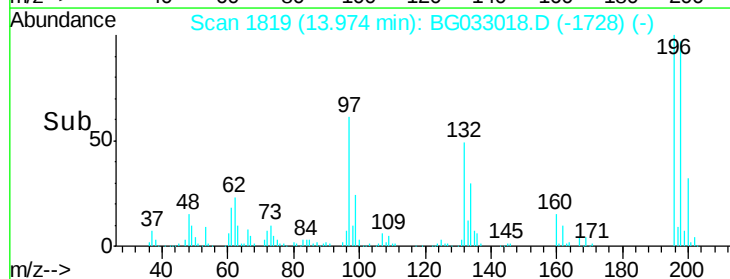
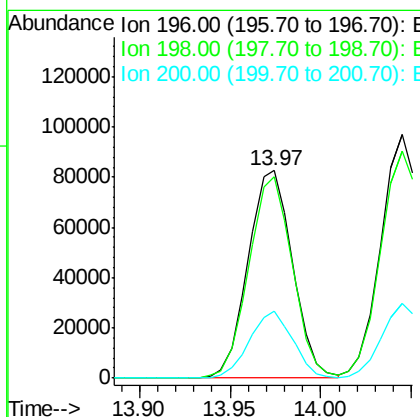
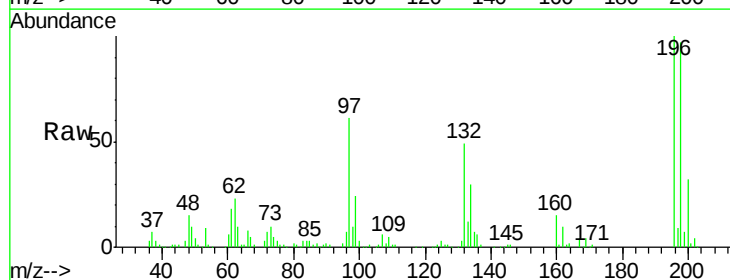
Instrument :
 BNA_G
 ClientSampled :

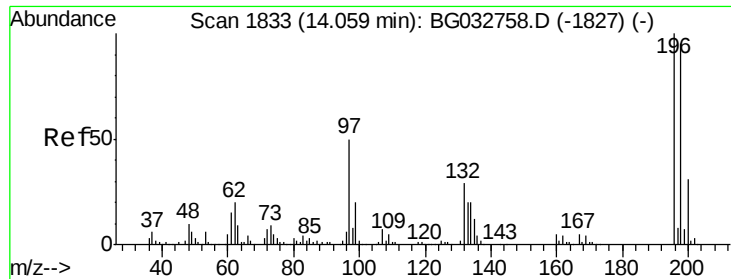
Tot Ion:330 Resp: 255391
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.0 115.6
 141 43.3 25.2 37.8#



#42
 2,4,6-Trichlorophenol
 Concen: 50.133 ng
 RT: 13.97 min Scan# 1819
 Delta R.T. 0.00 min
 Lab File: BG033018.D
 Acq: 6 Mar 2018 12:28

Tgt Ion:196 Resp: 141015
 Ion Ratio Lower Upper
 196 100
 198 97.3 78.2 117.2
 200 32.1 24.6 36.8

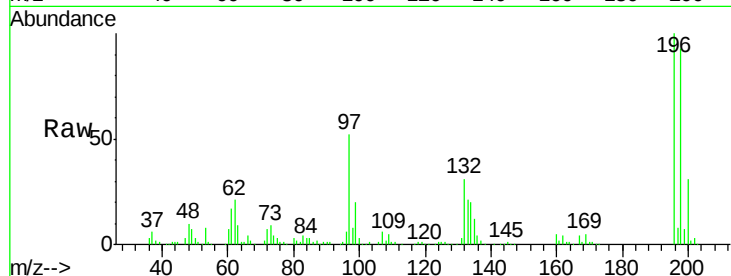




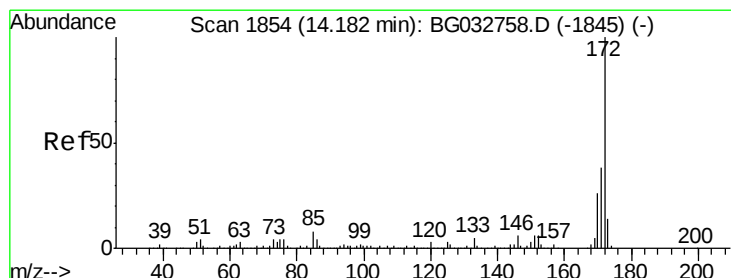
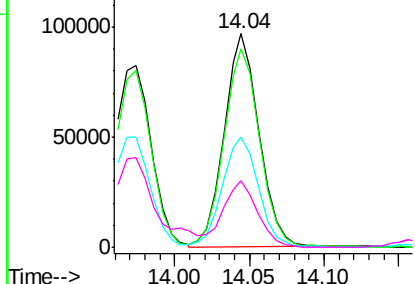
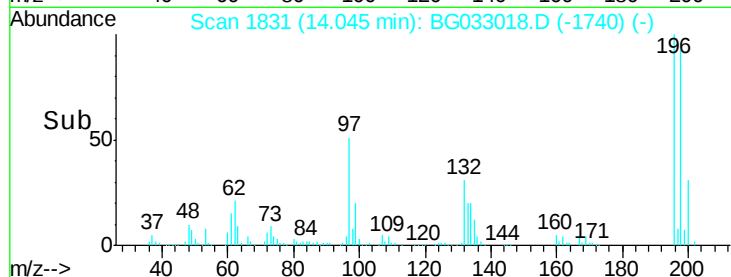
#43
 2,4,5-Trichlorophenol
 Concen: 48.345 ng
 RT: 14.04 min Scan# 1831
 Delta R.T. 0.00 min
 Lab File: BG033018.D
 Acq: 6 Mar 2018 12:28

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	93.0	76.2	114.4
97	51.8	38.7	58.1
132	31.1	20.2	30.2

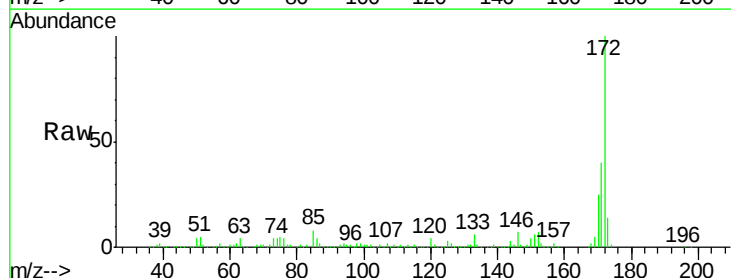


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

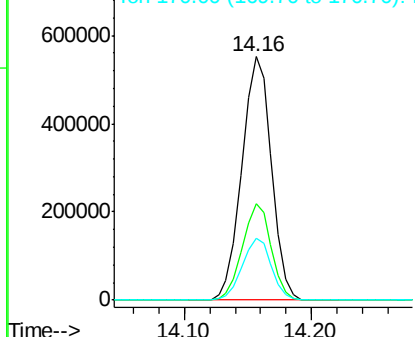
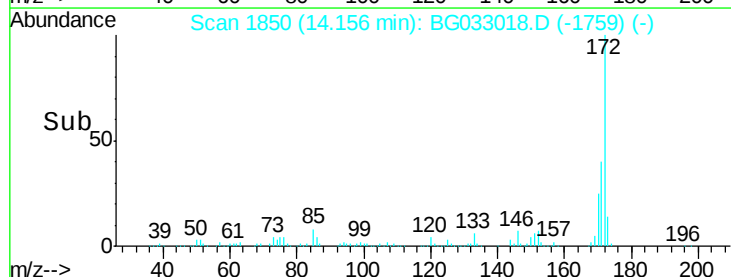


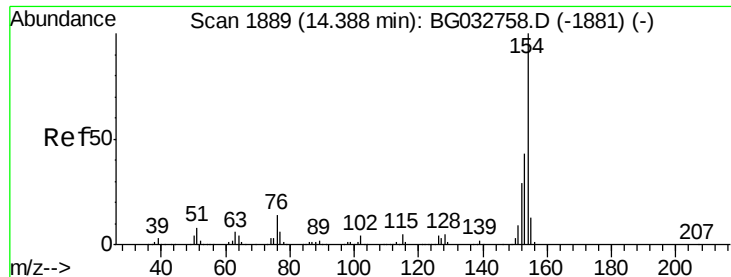
#44
 2-Fluorobiphenyl
 Concen: 85.438 ng
 RT: 14.16 min Scan# 1850
 Delta R.T. 0.00 min
 Lab File: BG033018.D
 Acq: 6 Mar 2018 12:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.6	30.0	45.0
170	25.4	19.5	29.3



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

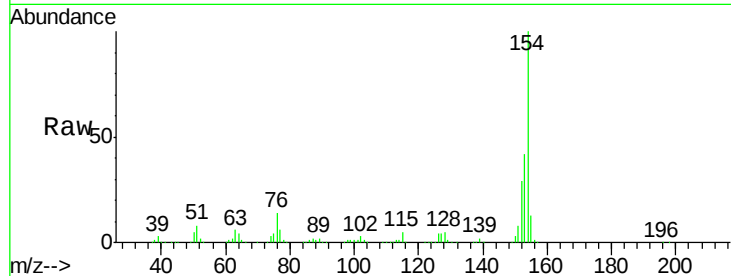




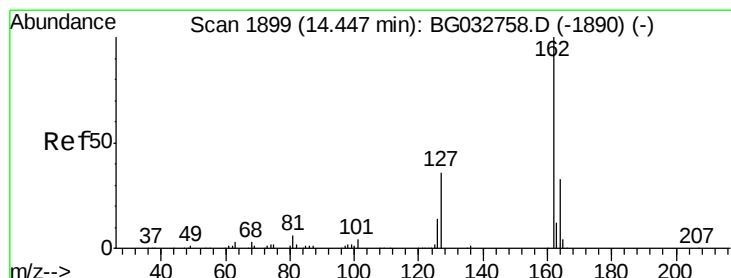
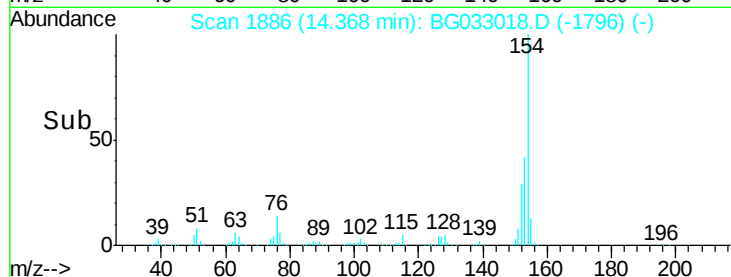
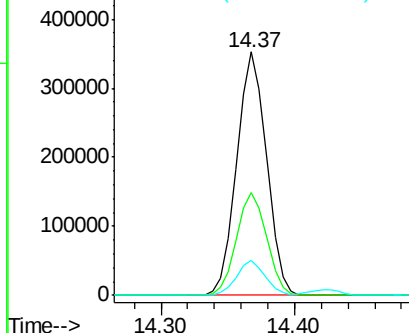
#45
1,1'-Biphenyl
Concen: 41.460 ng
RT: 14.37 min Scan# 1886
Delta R.T. -0.00 min
Lab File: BG033018.D
Acq: 6 Mar 2018 12:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	42.5	19.8	59.8
76	14.2	0.0	31.9

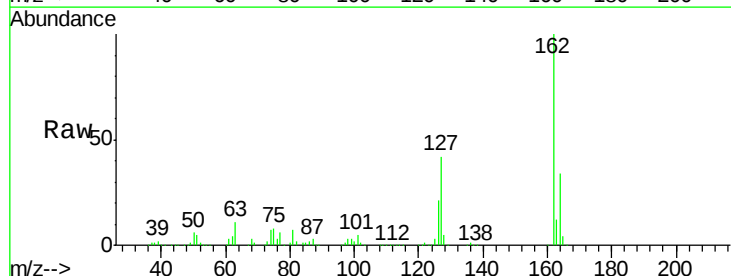


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BGC

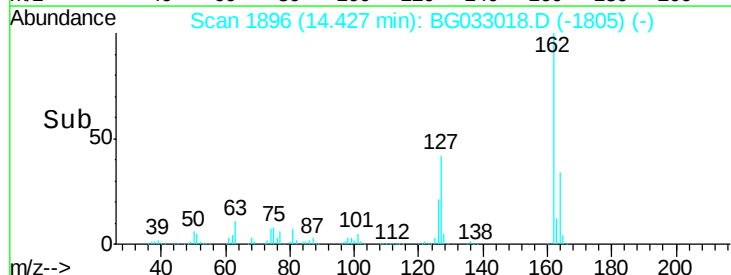
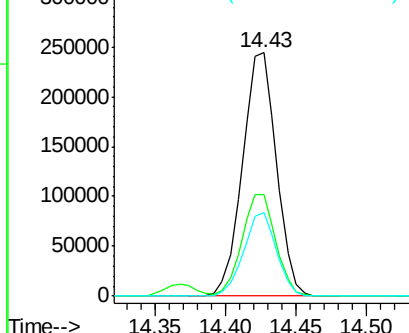


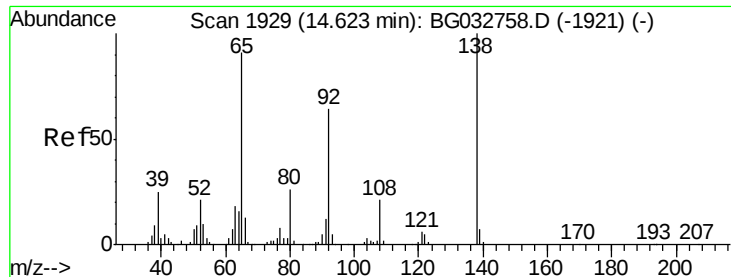
#46
2-Chloronaphthalene
Concen: 41.889 ng
RT: 14.43 min Scan# 1896
Delta R.T. 0.00 min
Lab File: BG033018.D
Acq: 6 Mar 2018 12:28

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.8	30.7	46.1
164	34.2	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

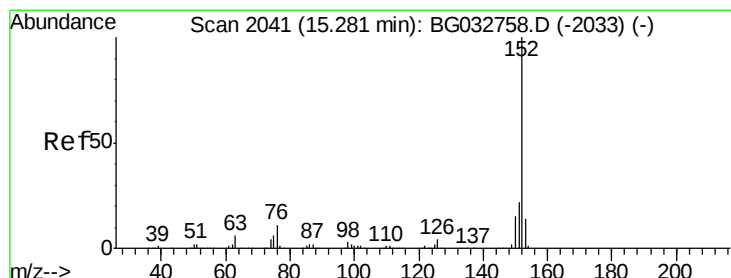
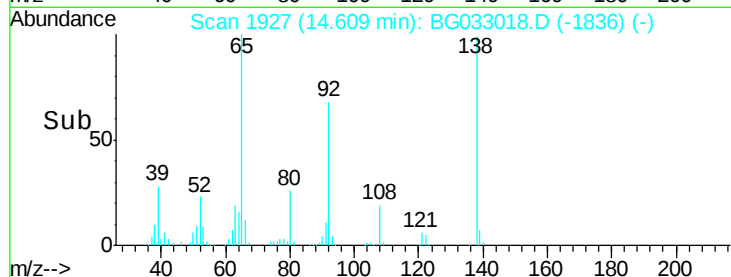
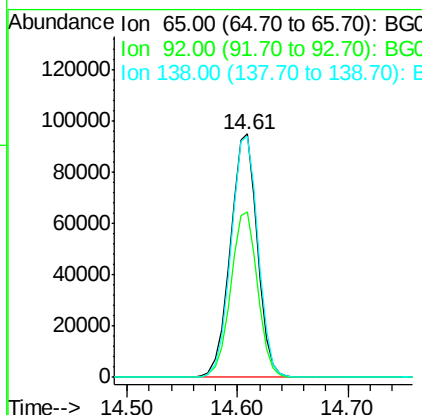
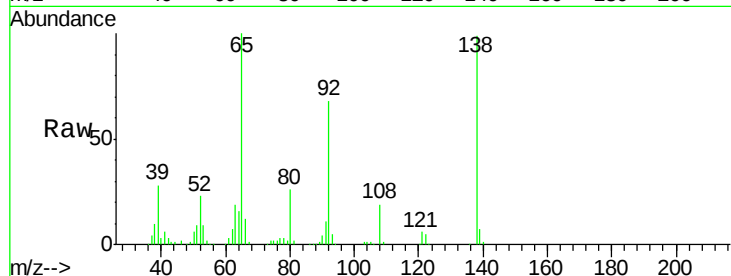




#47
2-Nitroaniline
Concen: 61.893 ng
RT: 14.61 min Scan# 1927
Delta R.T. 0.00 min
Lab File: BG033018.D
Acq: 6 Mar 2018 12:28

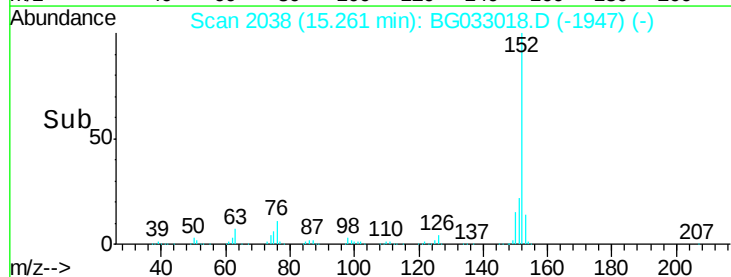
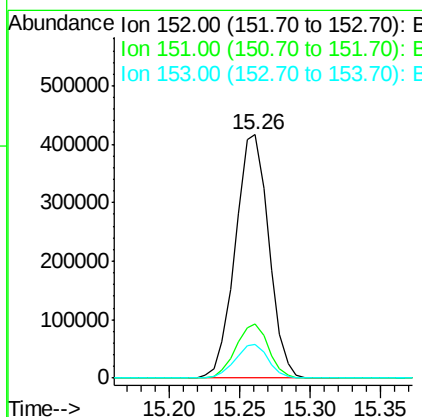
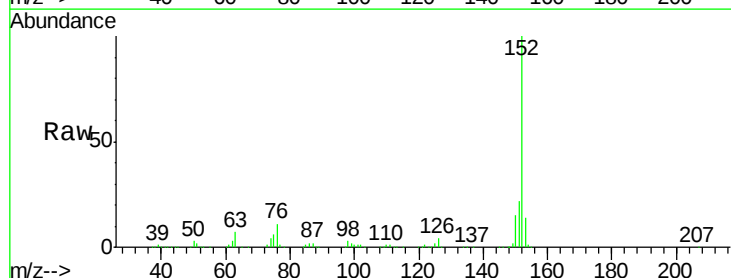
Instrument :
BNA_G
ClientSampleId :

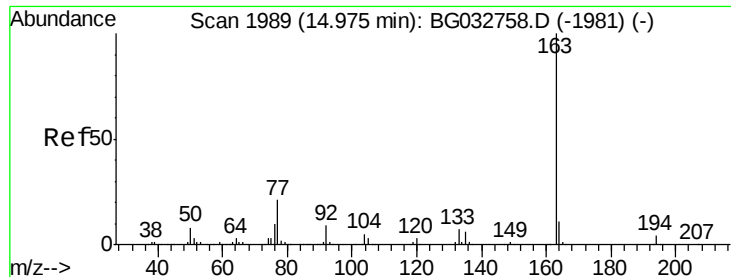
Tot Ion: 65 Resp: 161946
Ion Ratio Lower Upper
65 100
92 68.0 54.6 82.0
138 98.9 72.9 109.3



#48
Acenaphthylene
Concen: 42.952 ng
RT: 15.26 min Scan# 2038
Delta R.T. 0.00 min
Lab File: BG033018.D
Acq: 6 Mar 2018 12:28

Tgt Ion: 152 Resp: 689700
Ion Ratio Lower Upper
152 100
151 22.1 17.2 25.8
153 13.8 10.2 15.4





#49

Dimethylphthalate

Concen: 44.541 ng

RT: 14.96 min Scan# 1986

Delta R.T. 0.00 min

Lab File: BG033018.D

Acq: 6 Mar 2018 12:28

Instrument :

BNA_G

ClientSampleId :

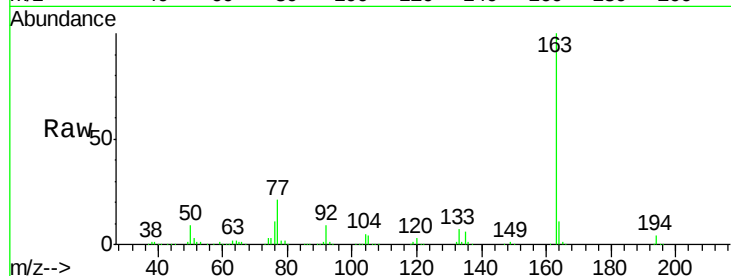
Tot Ion:163 Resp: 568240

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

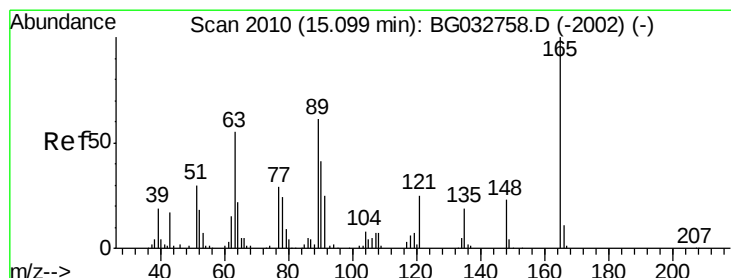
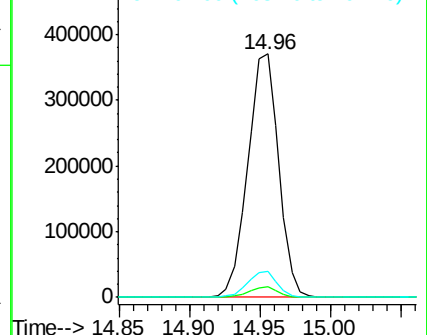
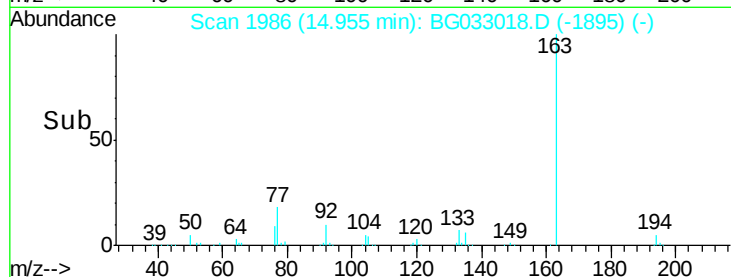
164 10.6 8.2 12.4



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: 58.684 ng

RT: 15.08 min Scan# 2007

Delta R.T. 0.00 min

Lab File: BG033018.D

Acq: 6 Mar 2018 12:28

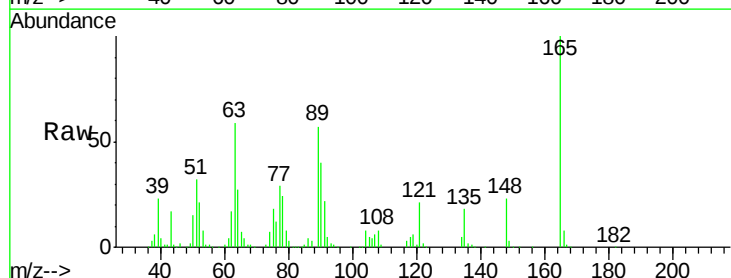
Tgt Ion:165 Resp: 129051

Ion Ratio Lower Upper

165 100

63 58.8 52.7 79.1

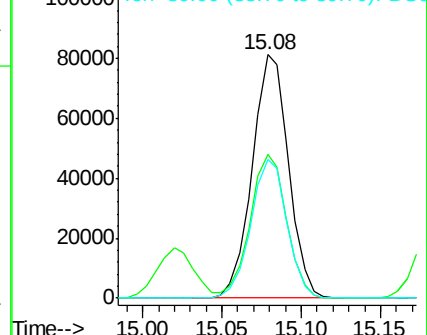
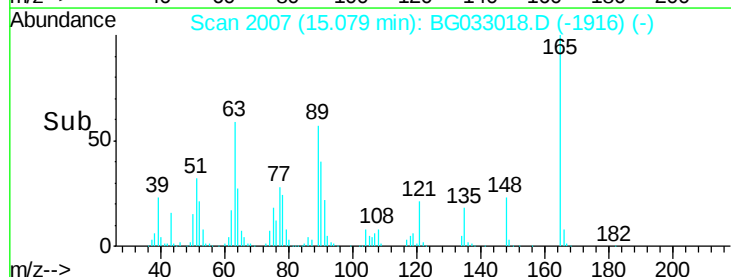
89 57.1 49.2 73.8

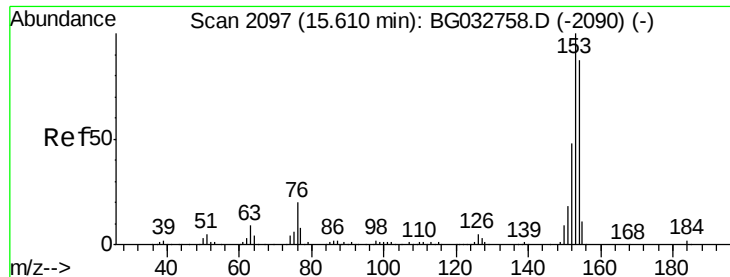


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 46.091 ng

RT: 15.60 min Scan# 2095

Delta R.T. 0.00 min

Lab File: BG033018.D

Acq: 6 Mar 2018 12:28

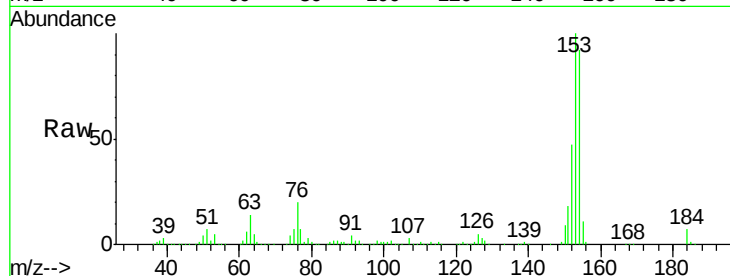
Instrument :

BNA_G

ClientSampleId :

Tot Ion:154 Resp: 460920

Ion	Ratio	Lower	Upper
154	100		
153	109.1	90.4	135.6
152	51.8	41.6	62.4

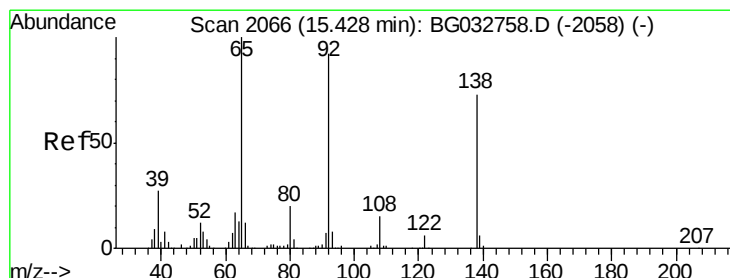
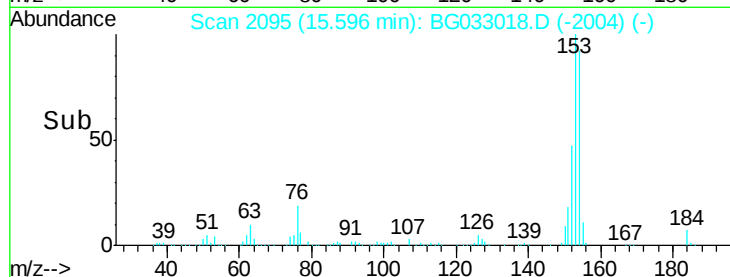
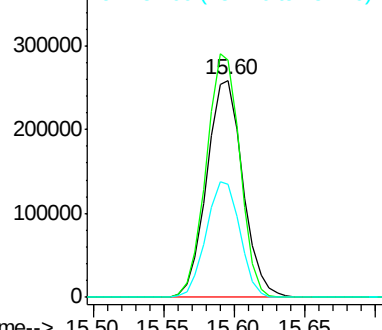


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 37.368 ng

RT: 15.41 min Scan# 2064

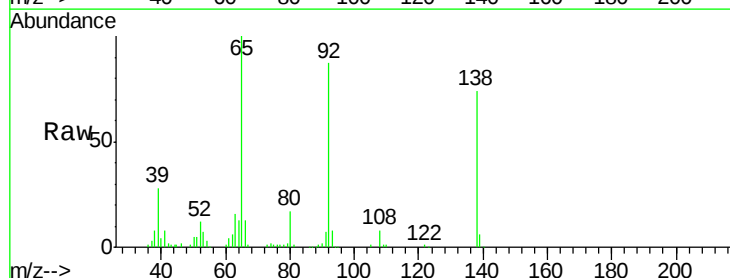
Delta R.T. 0.00 min

Lab File: BG033018.D

Acq: 6 Mar 2018 12:28

Tgt Ion:138 Resp: 92439

Ion	Ratio	Lower	Upper
138	100		
108	10.3	17.5	26.3#
92	116.7	105.8	158.8

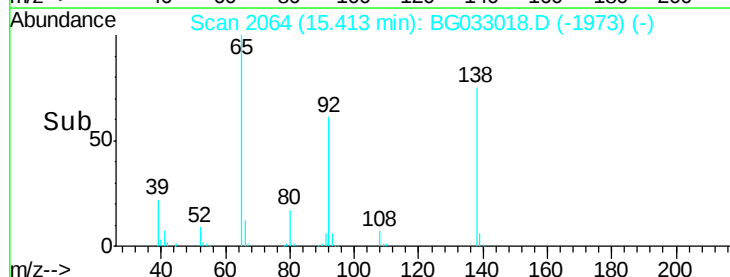
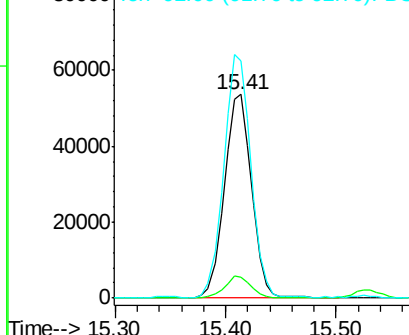


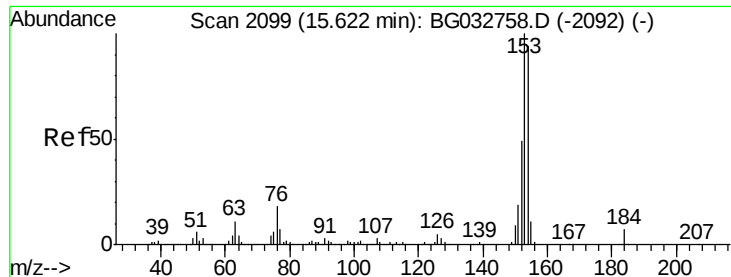
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

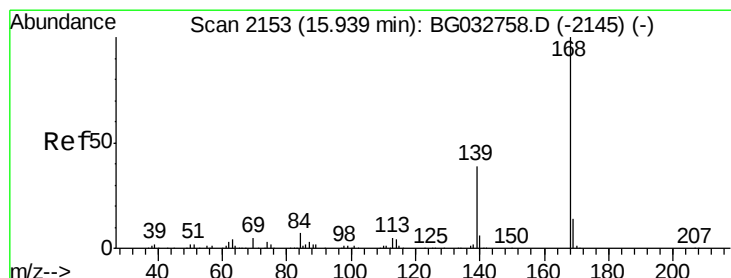
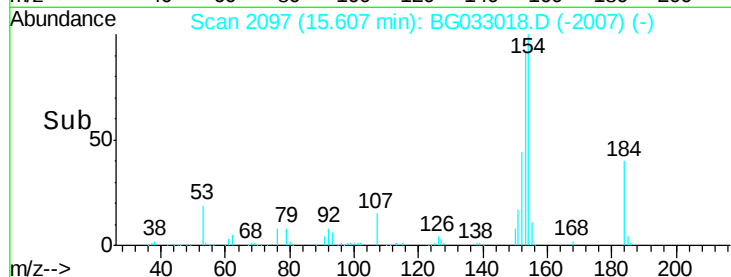
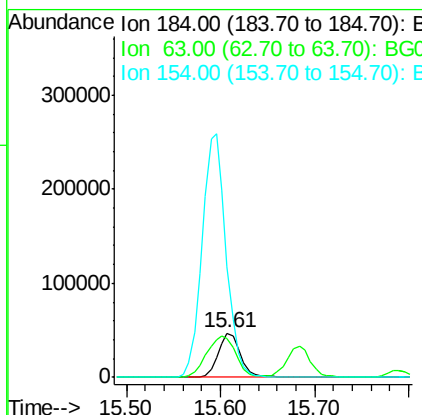
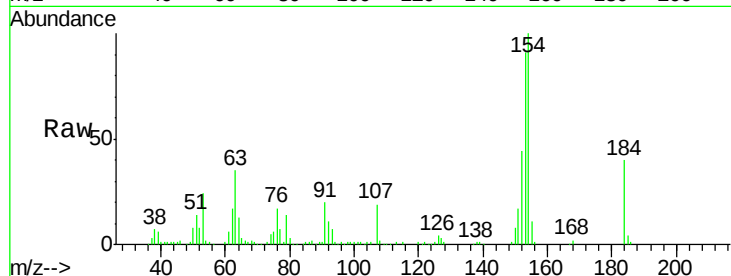




#53
2,4-Dinitrophenol
Concen: 105.614 ng
RT: 15.61 min Scan# 2097
Delta R.T. -0.00 min
Lab File: BG033018.D
Acq: 6 Mar 2018 12:28

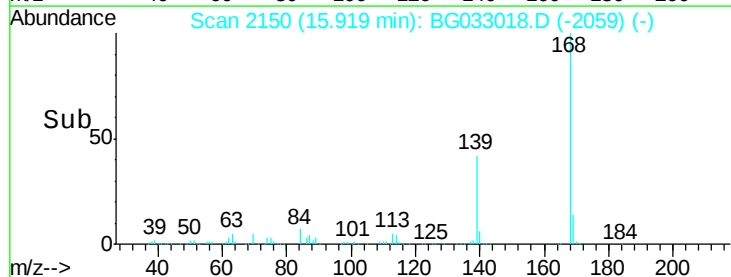
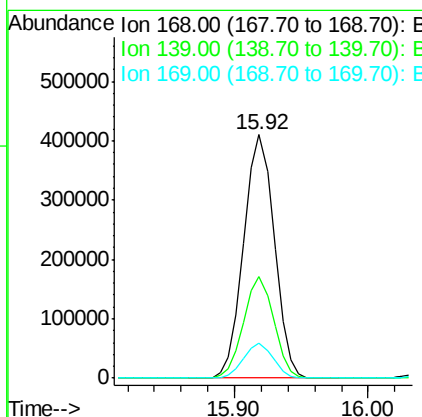
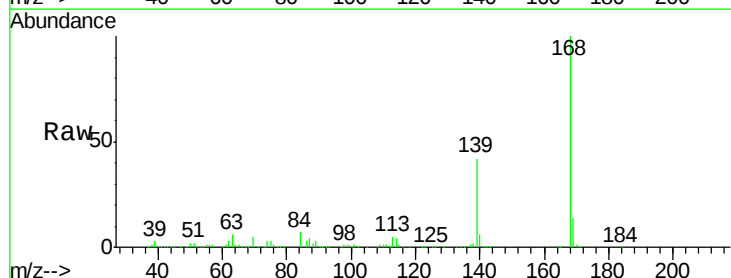
Instrument :
BNA_G
ClientSampleId :

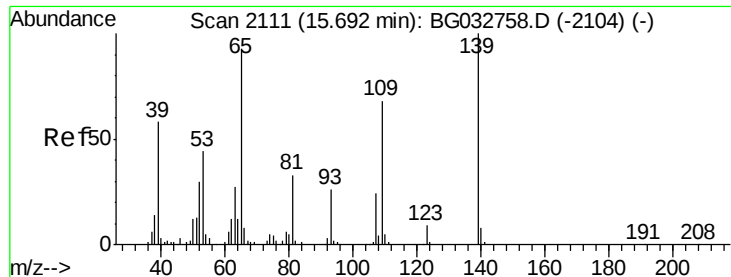
Tot Ion:184 Resp: 79068
Ion Ratio Lower Upper
184 100
63 88.2 59.8 89.8
154 249.2 101.8 152.8#



#54
Dibenzofuran
Concen: 45.777 ng
RT: 15.92 min Scan# 2150
Delta R.T. 0.00 min
Lab File: BG033018.D
Acq: 6 Mar 2018 12:28

Tgt Ion:168 Resp: 651829
Ion Ratio Lower Upper
168 100
139 41.6 28.6 43.0
169 14.2 11.2 16.8

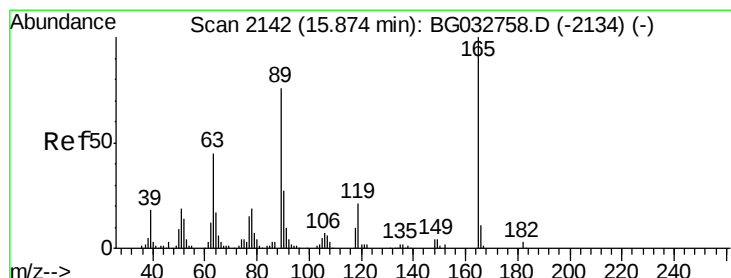
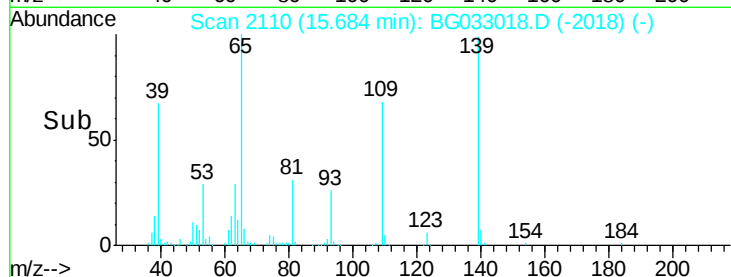
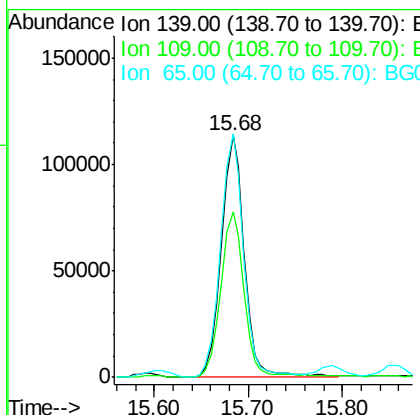
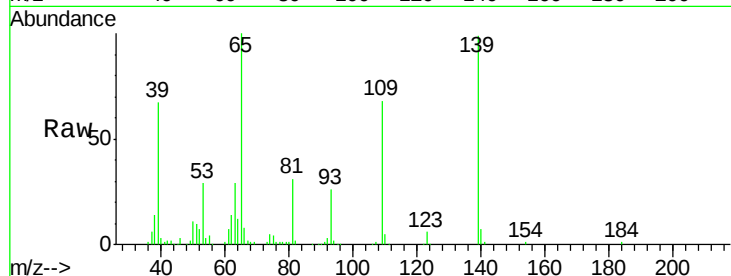




#55
4-Nitrophenol
Concen: 92.037 ng
RT: 15.68 min Scan# 2110
Delta R.T. 0.01 min
Lab File: BG033018.D
Acq: 6 Mar 2018 12:28

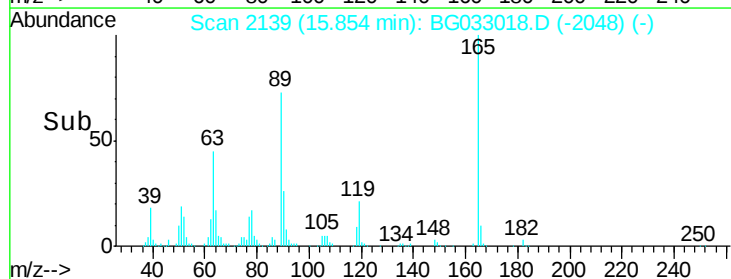
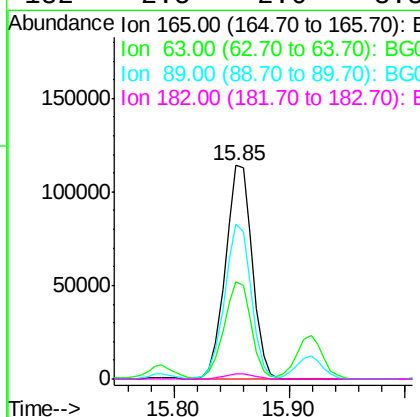
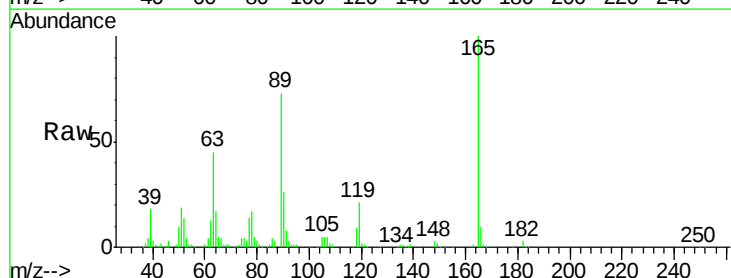
Instrument :
BNA_G
ClientSampleId :

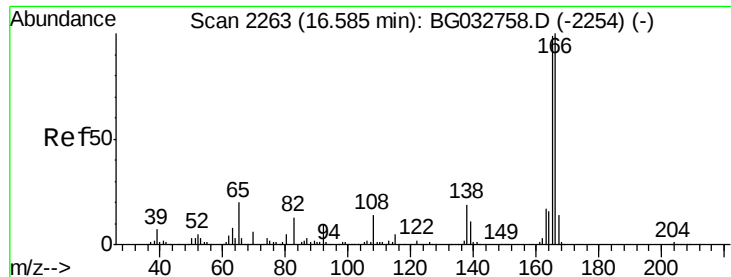
Tot Ion:139 Resp: 194721
Ion Ratio Lower Upper
139 100
109 68.1 62.2 102.2
65 100.6 97.2 137.2



#56
2,4-Dinitrotoluene
Concen: 66.657 ng
RT: 15.85 min Scan# 2139
Delta R.T. 0.00 min
Lab File: BG033018.D
Acq: 6 Mar 2018 12:28

Tgt Ion:165 Resp: 182624
Ion Ratio Lower Upper
165 100
63 45.4 42.0 63.0
89 72.7 66.9 100.3
182 2.5 2.6 3.8#





#57

Fluorene

Concen: 45.266 ng

RT: 16.56 min Scan# 2259

Delta R.T. -0.00 min

Lab File: BG033018.D

Acq: 6 Mar 2018 12:28

Instrument :

BNA_G

ClientSampleId :

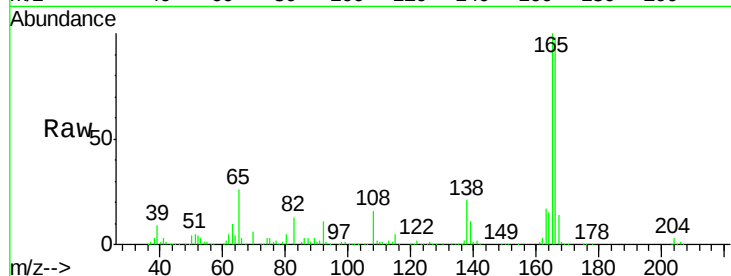
Tot Ion:166 Resp: 531993

Ion Ratio Lower Upper

166 100

165 102.0 80.6 121.0

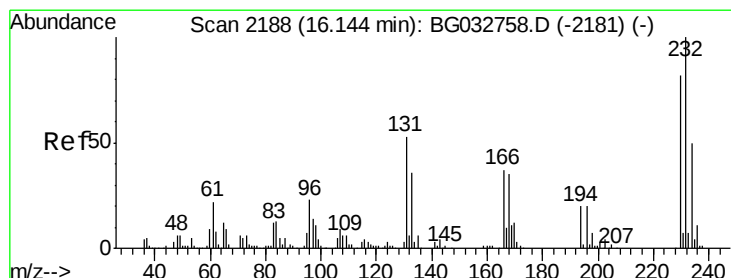
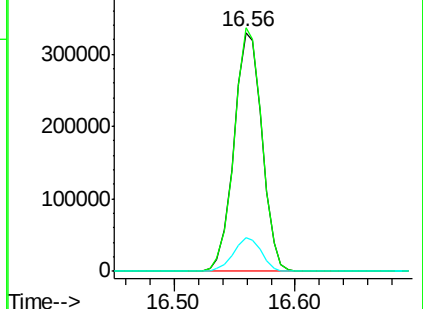
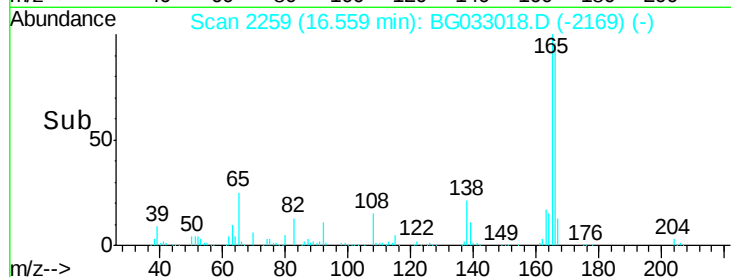
167 14.2 10.4 15.6



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: 53.349 ng

RT: 16.05 min Scan# 2172

Delta R.T. -0.08 min

Lab File: BG033018.D

Acq: 6 Mar 2018 12:28

Tgt Ion:232 Resp: 134843

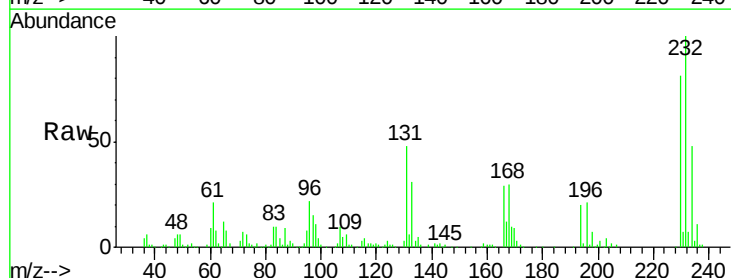
Ion Ratio Lower Upper

232 100

131 46.8 33.5 50.3

130 3.0 2.2 3.2

166 29.5 24.8 37.2

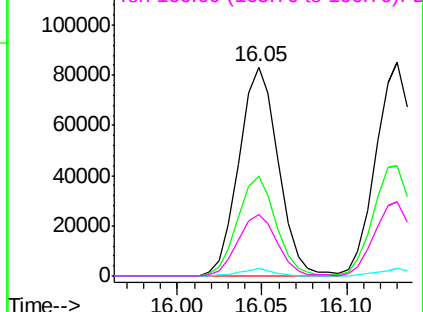
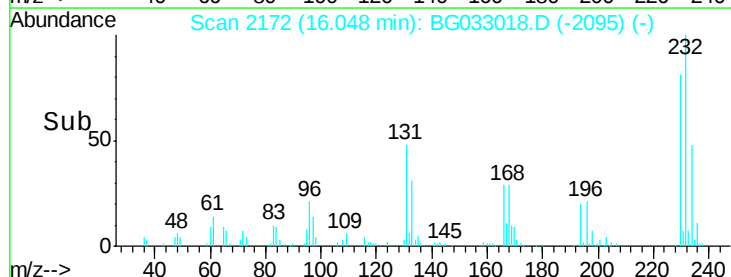


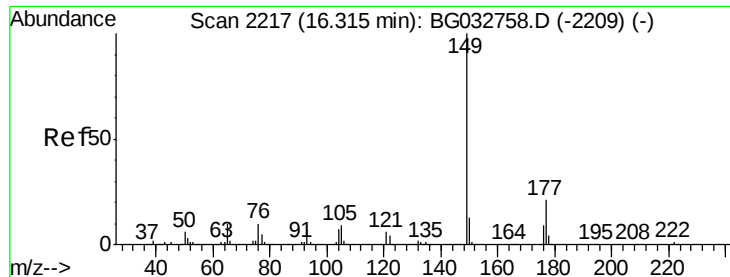
Abundance Ion 232.00 (231.70 to 232.70): E

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

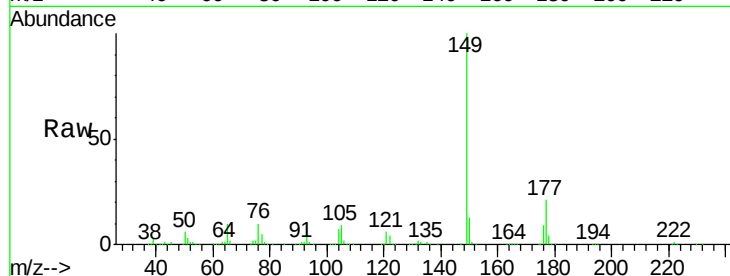




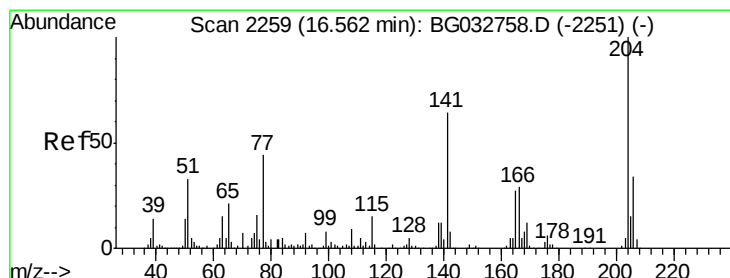
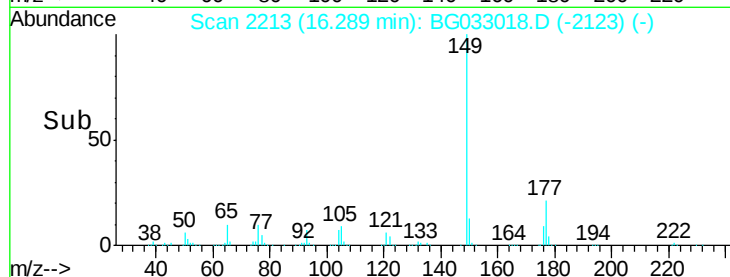
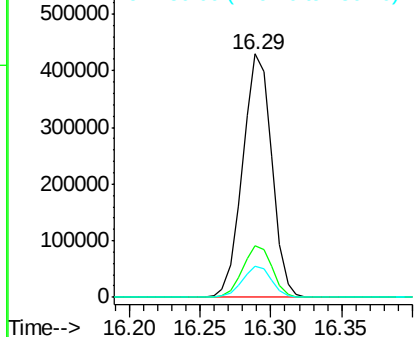
#59
Diethylphthalate
Concen: 46.068 ng
RT: 16.29 min Scan# 2213
Delta R.T. -0.00 min
Lab File: BG033018.D
Acq: 6 Mar 2018 12:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 619897
Ion Ratio Lower Upper
149 100
177 21.5 18.5 27.7
150 12.7 10.2 15.2

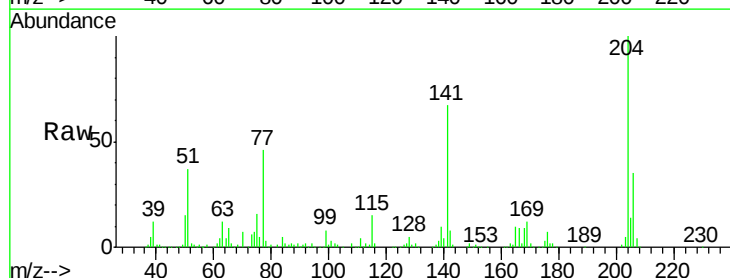


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

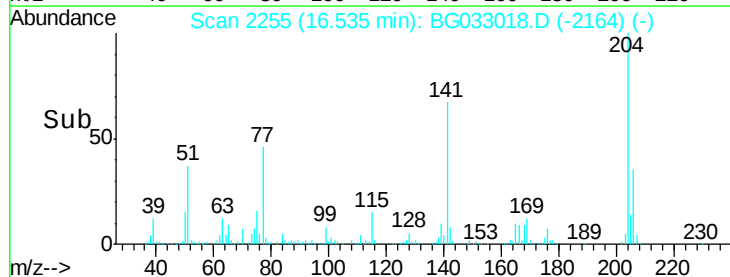
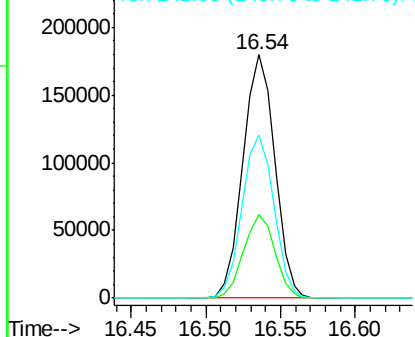


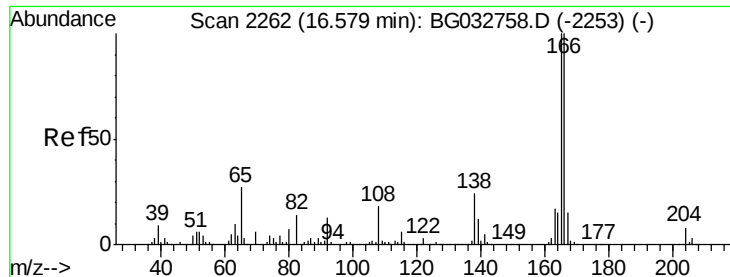
#60
4-Chlorophenyl-phenylether
Concen: 46.081 ng
RT: 16.54 min Scan# 2255
Delta R.T. 0.00 min
Lab File: BG033018.D
Acq: 6 Mar 2018 12:28

Tgt Ion:204 Resp: 264934
Ion Ratio Lower Upper
204 100
206 34.5 26.2 39.2
141 66.9 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

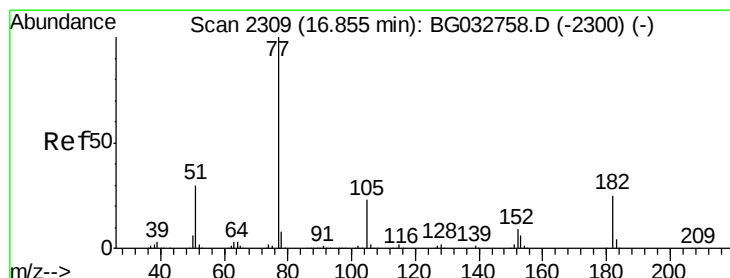
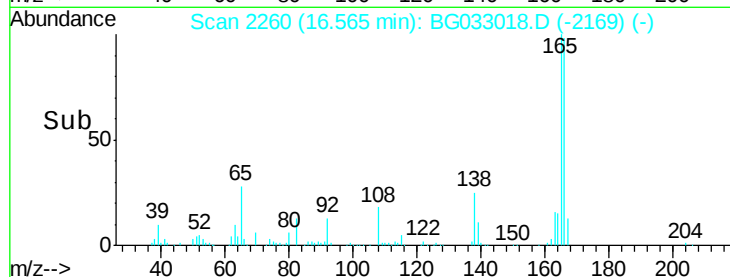
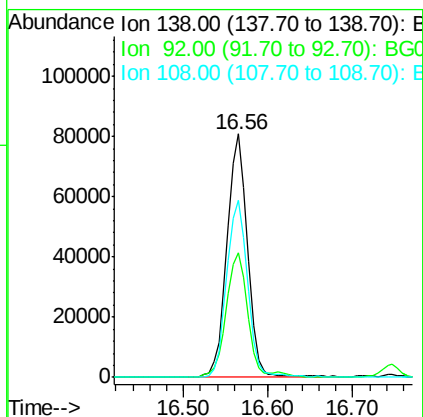
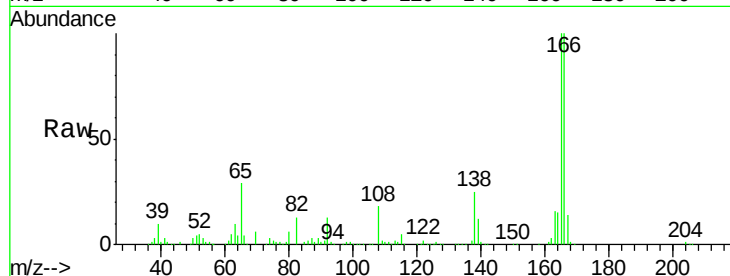




#61
4-Nitroaniline
Concen: 48.917 ng
RT: 16.56 min Scan# 2260
Delta R.T. 0.00 min
Lab File: BG033018.D
Acq: 6 Mar 2018 12:28

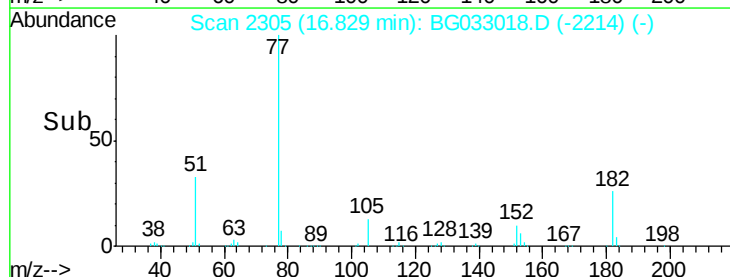
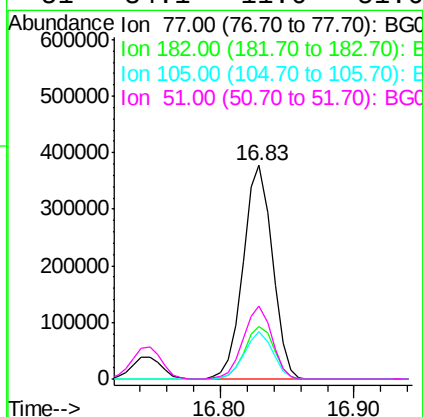
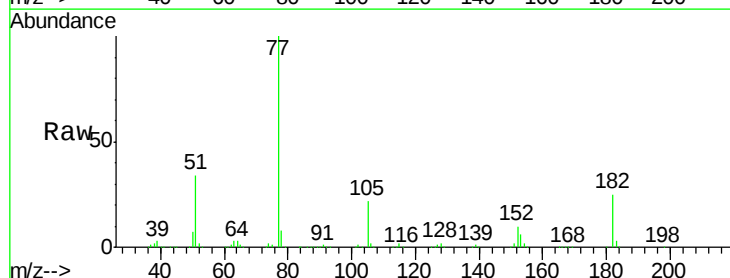
Instrument :
BNA_G
ClientSampleId :

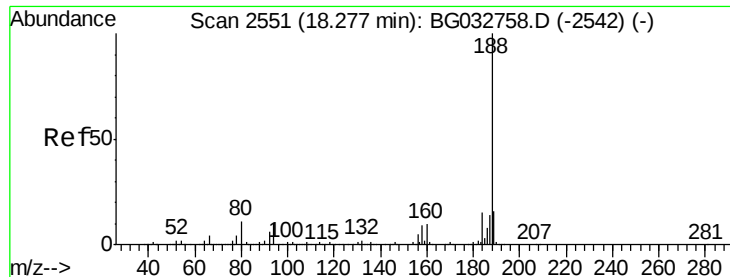
Tot Ion:138 Resp: 135417
Ion Ratio Lower Upper
138 100
92 51.2 40.1 80.1
108 72.9 65.4 105.4



#62
Azobenzene
Concen: 47.151 ng
RT: 16.83 min Scan# 2305
Delta R.T. 0.00 min
Lab File: BG033018.D
Acq: 6 Mar 2018 12:28

Tgt Ion: 77 Resp: 567604
Ion Ratio Lower Upper
77 100
182 24.5 7.4 47.4
105 22.0 0.3 40.3
51 34.1 11.6 51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.26 min Scan# 2548

Delta R.T. 0.00 min

Lab File: BG033018.D

Acq: 6 Mar 2018 12:28

Instrument :

BNA_G

ClientSampled :

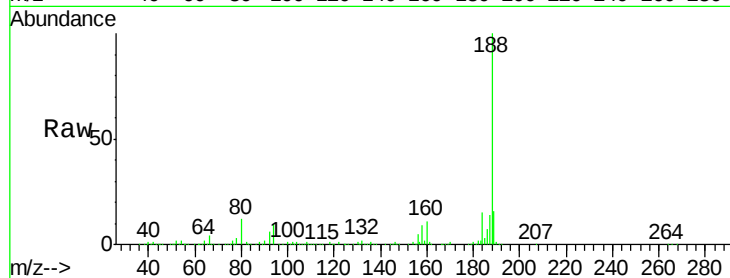
Tot Ion:188 Resp: 341228

Ion Ratio Lower Upper

188 100

94 10.5 6.9 10.3#

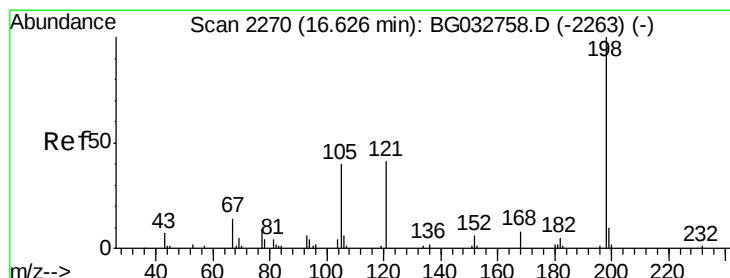
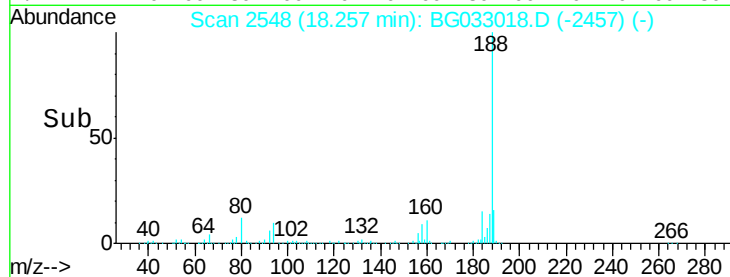
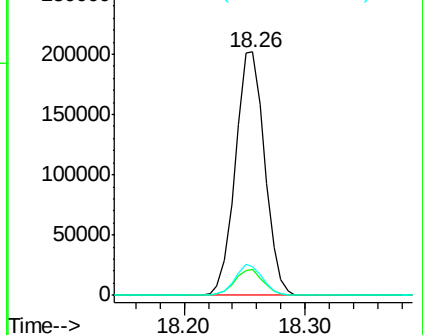
80 11.6 7.7 11.5#



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: 63.996 ng

RT: 16.61 min Scan# 2268

Delta R.T. 0.00 min

Lab File: BG033018.D

Acq: 6 Mar 2018 12:28

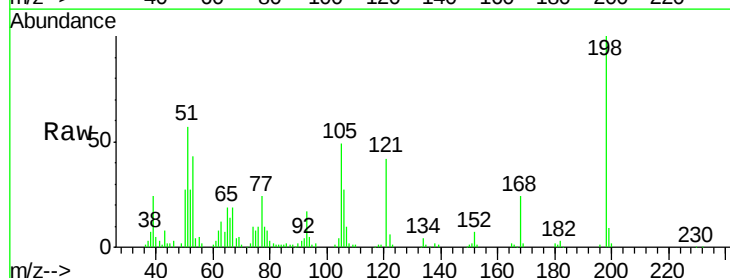
Tgt Ion:198 Resp: 72142

Ion Ratio Lower Upper

198 100

51 56.6 30.6 70.6

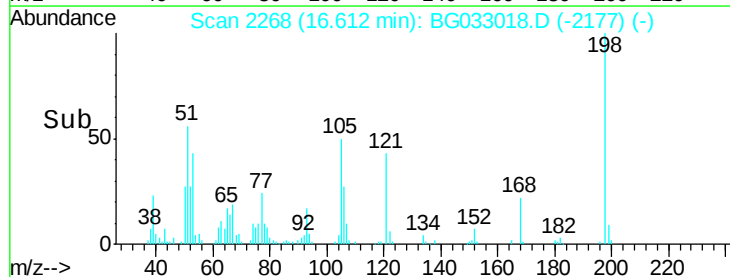
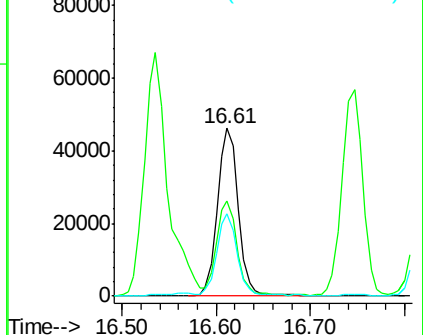
105 49.4 23.8 63.8

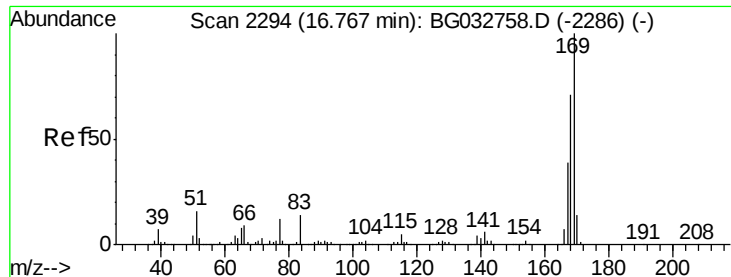


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

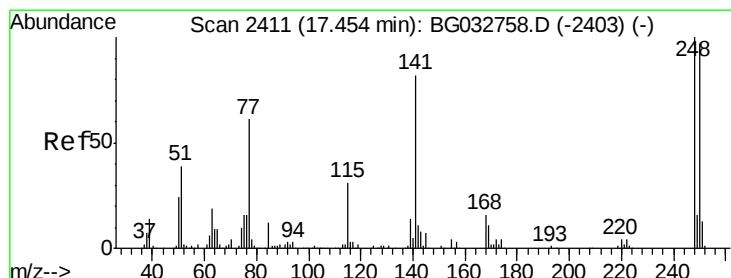
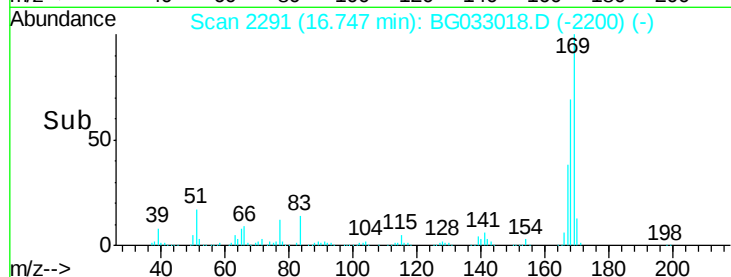
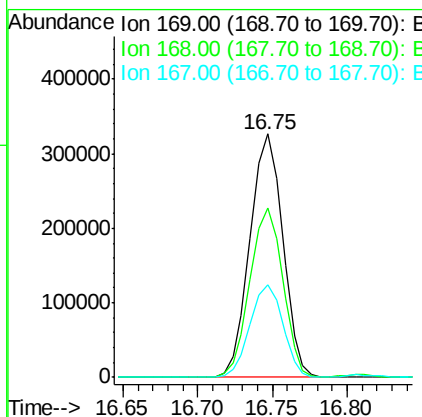
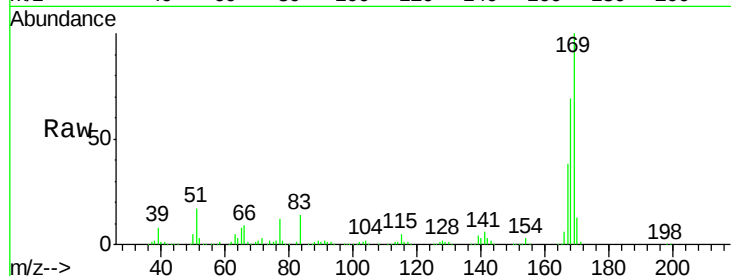




#65
n-Nitrosodiphenylamine
Concen: 44.806 ng
RT: 16.75 min Scan# 2291
Delta R.T. 0.00 min
Lab File: BG033018.D
Acq: 6 Mar 2018 12:28

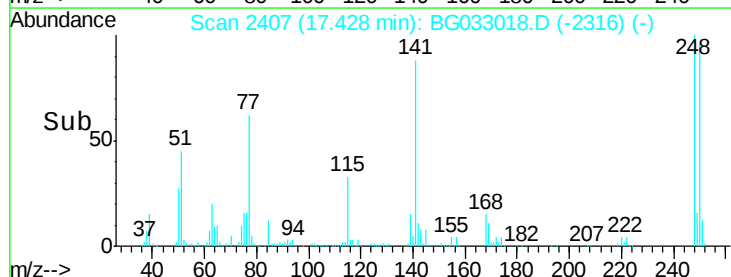
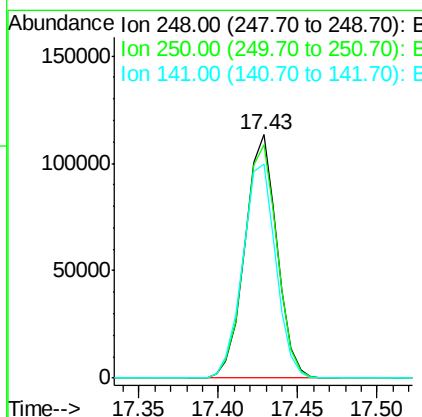
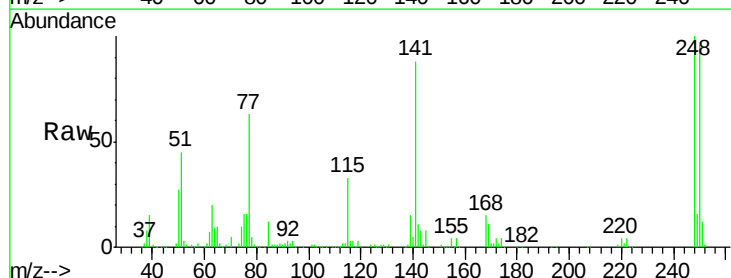
Instrument :
BNA_G
ClientSampleId :

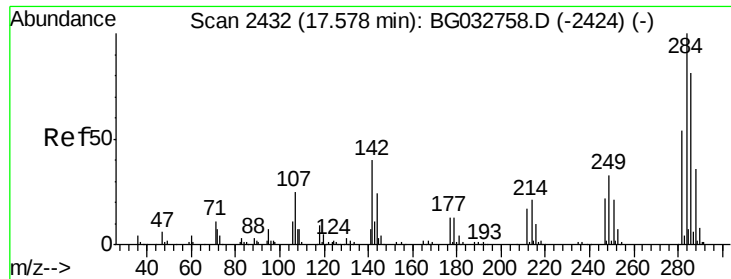
Tot Ion:169 Resp: 497374
Ion Ratio Lower Upper
169 100
168 69.4 55.7 83.5
167 37.8 30.1 45.1



#66
4-Bromophenyl-phenylether
Concen: 44.094 ng
RT: 17.43 min Scan# 2407
Delta R.T. 0.00 min
Lab File: BG033018.D
Acq: 6 Mar 2018 12:28

Tgt Ion:248 Resp: 159096
Ion Ratio Lower Upper
248 100
250 96.1 77.1 115.7
141 87.9 50.8 76.2#

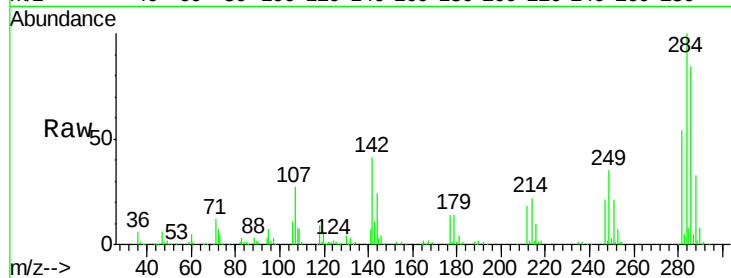




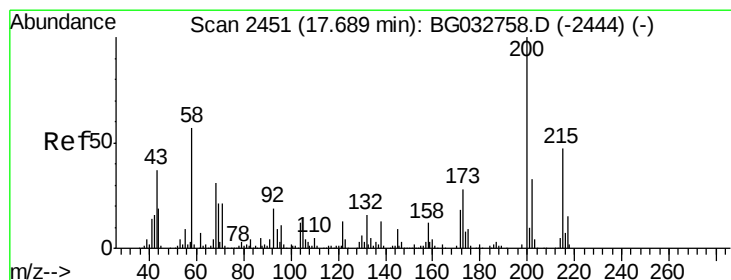
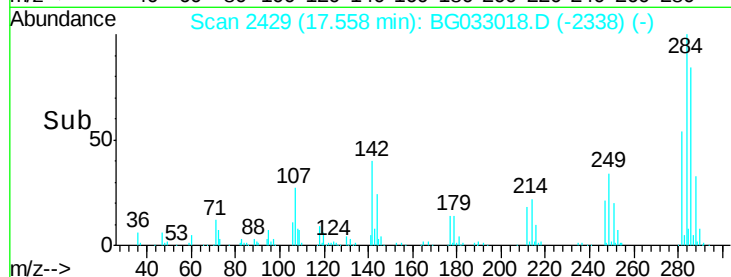
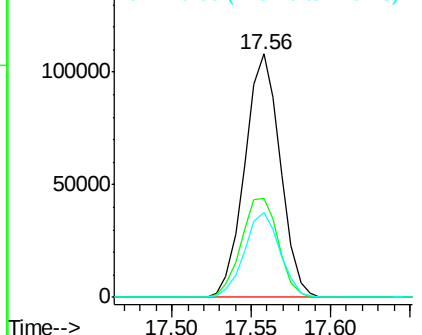
#67
Hexachlorobenzene
Concen: 42.934 ng
RT: 17.56 min Scan# 2429
Delta R.T. 0.00 min
Lab File: BG033018.D
Acq: 6 Mar 2018 12:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion:284 Resp: 167407
Ion Ratio Lower Upper
284 100
142 40.7 26.8 40.2#
249 34.7 26.3 39.5

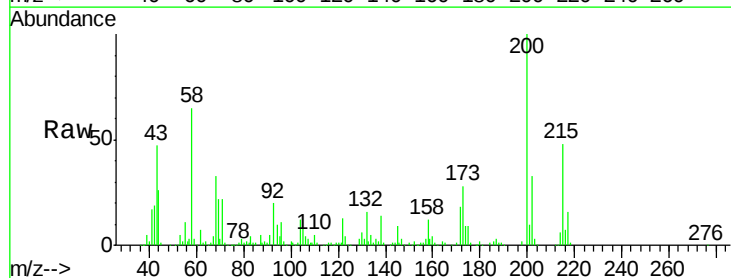


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

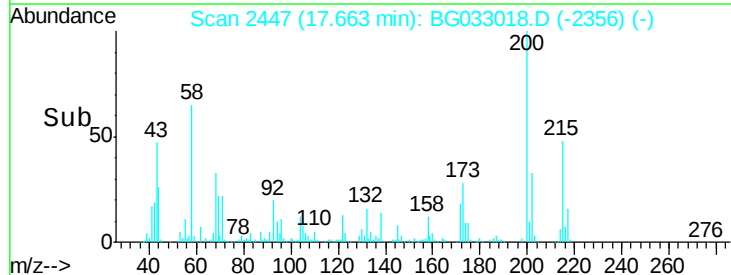
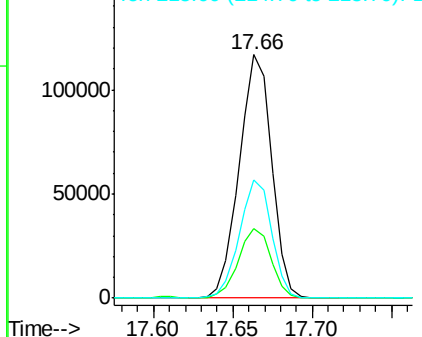


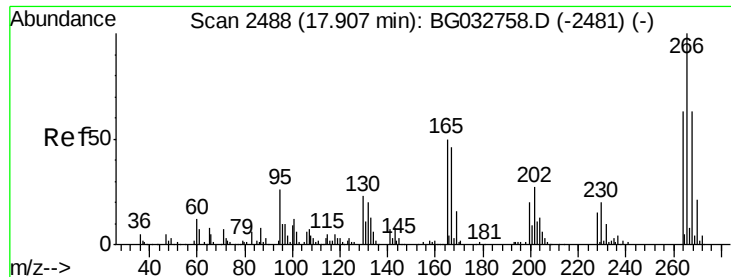
#68
Atrazine
Concen: 45.385 ng
RT: 17.66 min Scan# 2447
Delta R.T. 0.00 min
Lab File: BG033018.D
Acq: 6 Mar 2018 12:28

Tgt Ion:200 Resp: 165832
Ion Ratio Lower Upper
200 100
173 28.5 5.2 45.2
215 48.4 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

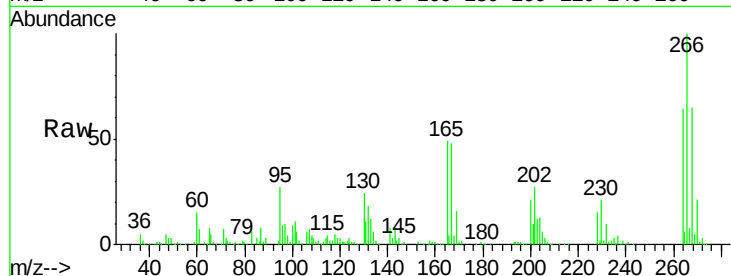




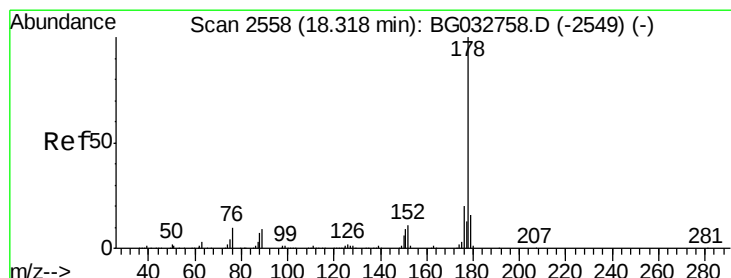
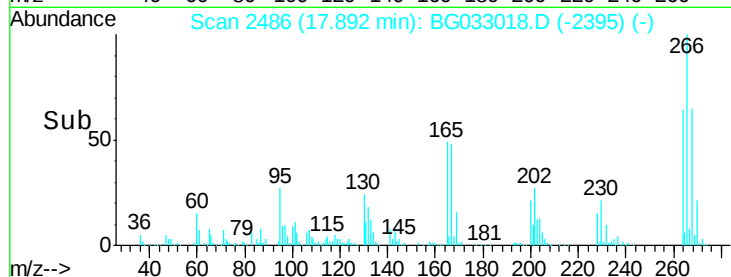
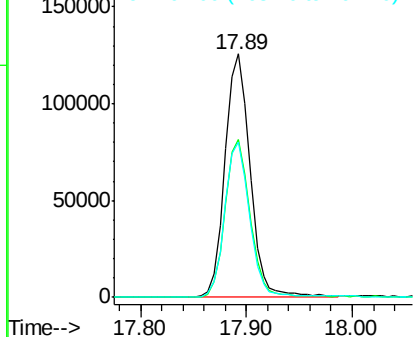
#69
 Pentachlorophenol
 Concen: 84.508 ng
 RT: 17.89 min Scan# 2486
 Delta R.T. 0.00 min
 Lab File: BG033018.D
 Acq: 6 Mar 2018 12:28

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:266 Resp: 207552
 Ion Ratio Lower Upper
 266 100
 268 64.7 51.1 76.7
 264 64.0 49.6 74.4

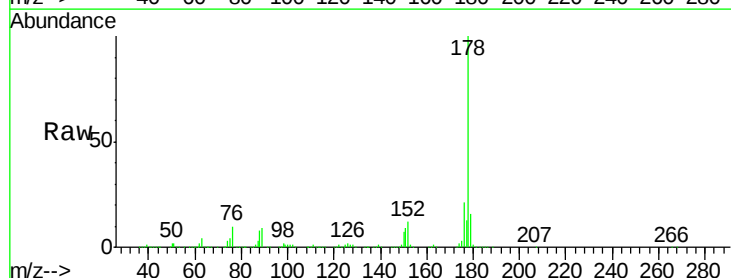


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

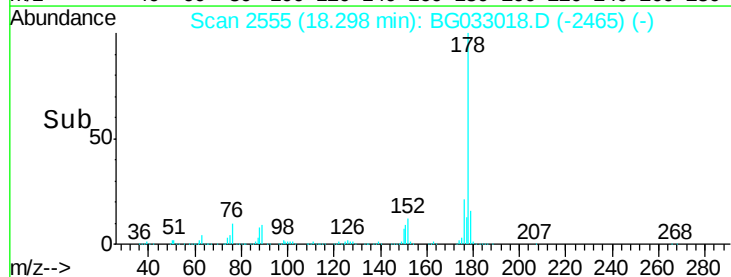
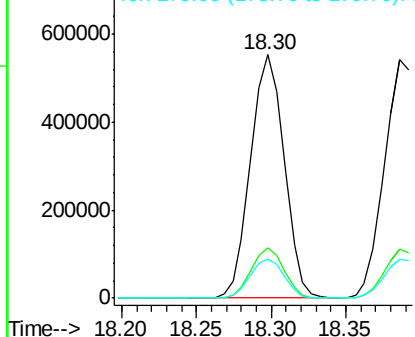


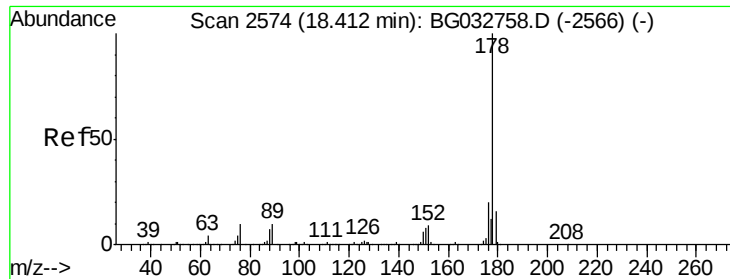
#70
 Phenanthrene
 Concen: 45.223 ng
 RT: 18.30 min Scan# 2555
 Delta R.T. -0.00 min
 Lab File: BG033018.D
 Acq: 6 Mar 2018 12:28

Tgt Ion:178 Resp: 860922
 Ion Ratio Lower Upper
 178 100
 176 20.8 15.7 23.5
 179 15.9 12.5 18.7



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

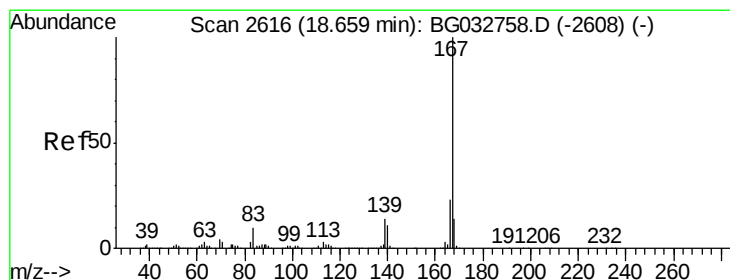
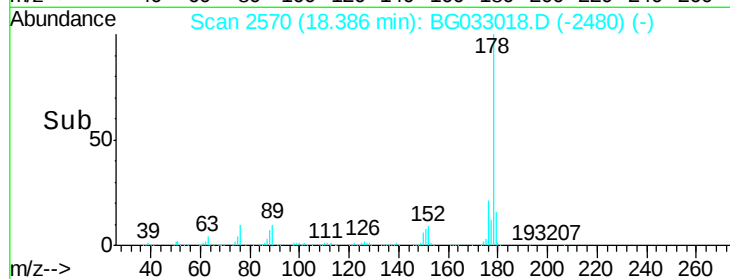
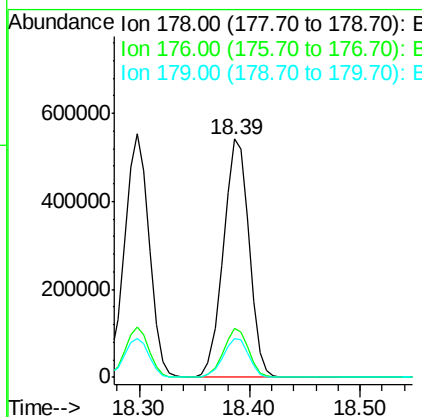
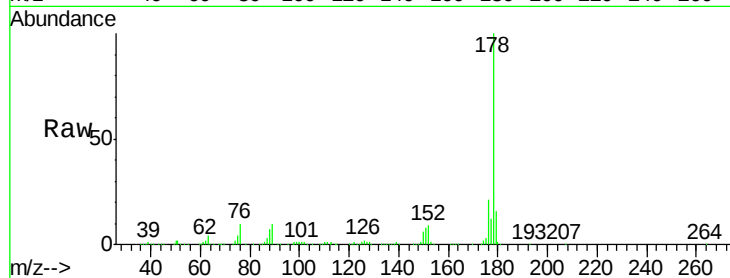




#71
 Anthracene
 Concen: 46.098 ng
 RT: 18.39 min Scan# 2570
 Delta R.T. -0.00 min
 Lab File: BG033018.D
 Acq: 6 Mar 2018 12:28

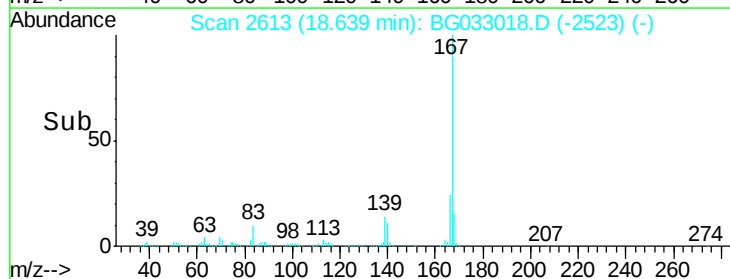
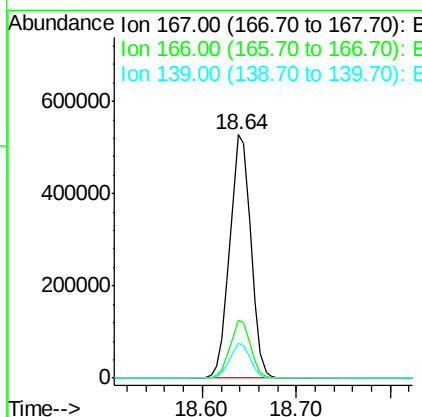
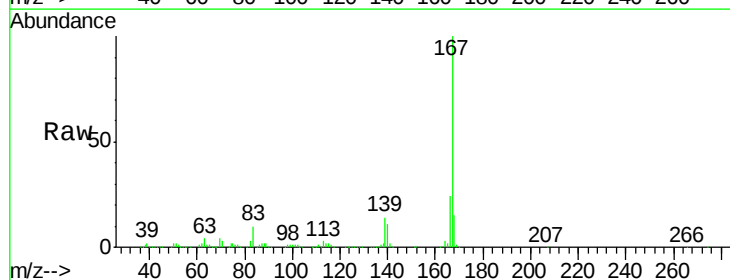
Instrument :
 BNA_G
 ClientSampleId :

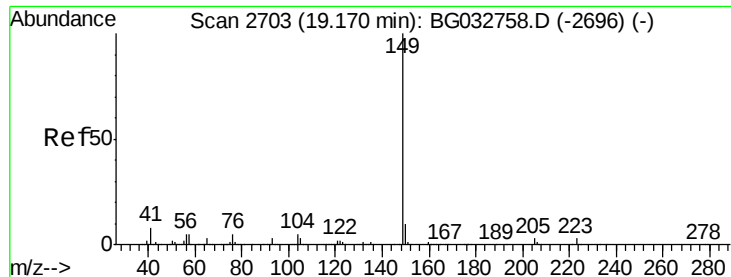
Tot Ion:178 Resp: 881034
 Ion Ratio Lower Upper
 178 100
 176 20.8 16.0 24.0
 179 16.3 12.5 18.7



#72
 Carbazole
 Concen: 43.708 ng
 RT: 18.64 min Scan# 2613
 Delta R.T. -0.00 min
 Lab File: BG033018.D
 Acq: 6 Mar 2018 12:28

Tgt Ion:167 Resp: 823384
 Ion Ratio Lower Upper
 167 100
 166 23.7 18.2 27.4
 139 14.2 9.4 14.2





#73

Di-n-butylphthalate

Concen: 44.845 ng

RT: 19.14 min Scan# 2698

Delta R.T. -0.00 min

Lab File: BG033018.D

Acq: 6 Mar 2018 12:28

Instrument :

BNA_G

ClientSampleId :

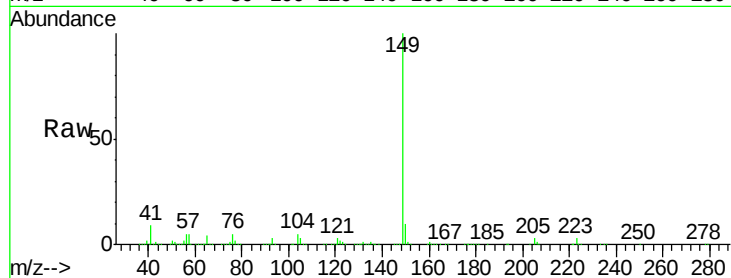
Tot Ion:149 Resp: 1036402

Ion Ratio Lower Upper

149 100

150 10.1 7.8 11.6

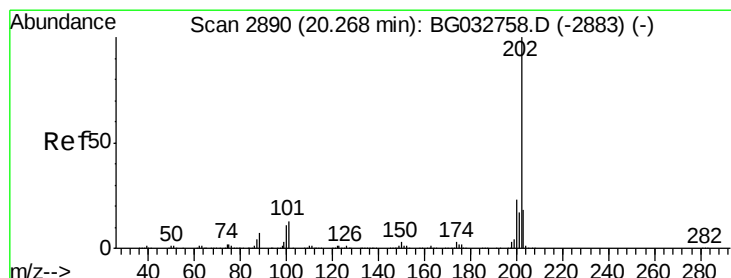
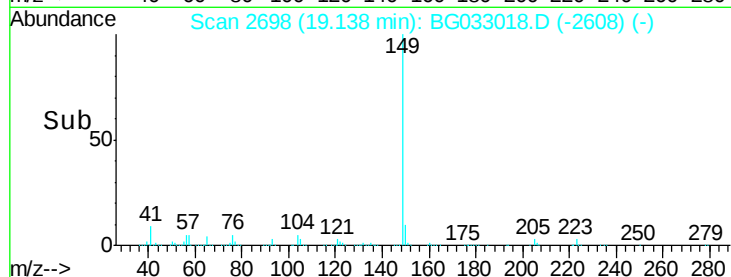
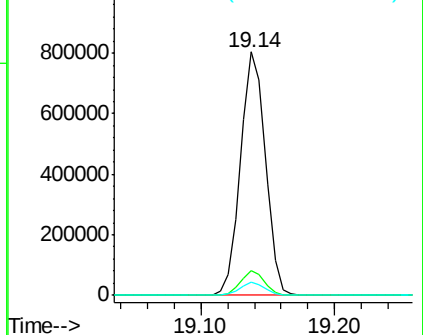
104 5.2 3.9 5.9



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: 45.664 ng

RT: 20.25 min Scan# 2887

Delta R.T. 0.00 min

Lab File: BG033018.D

Acq: 6 Mar 2018 12:28

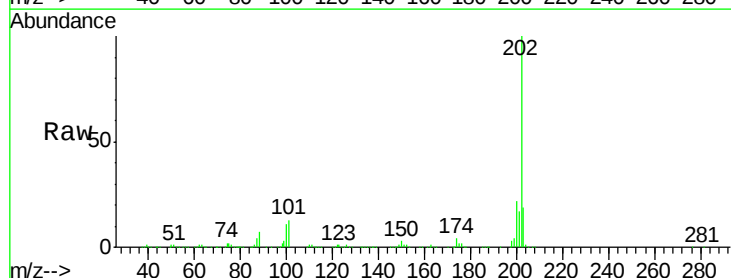
Tgt Ion:202 Resp: 960275

Ion Ratio Lower Upper

202 100

101 13.5 0.0 28.9

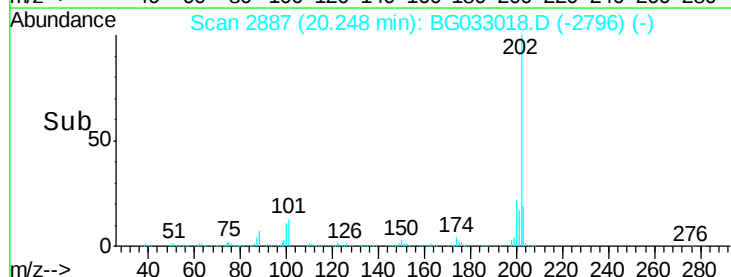
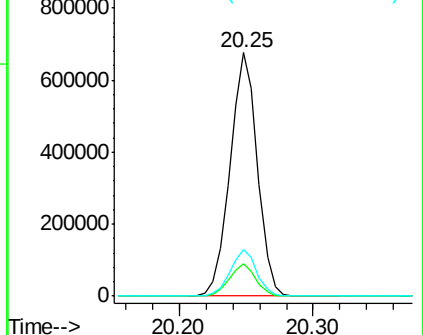
203 19.0 0.0 37.5

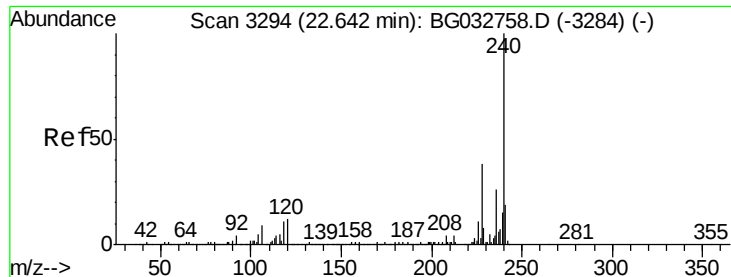


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

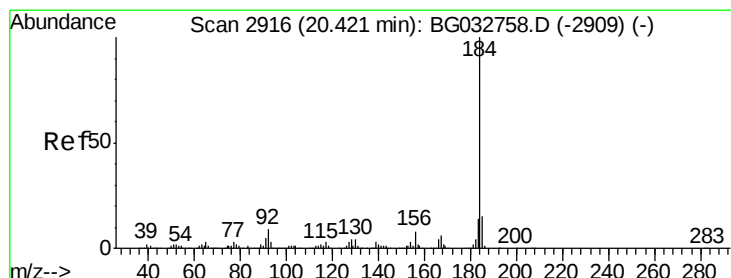
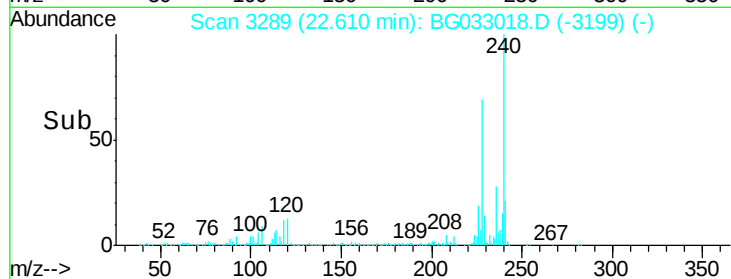
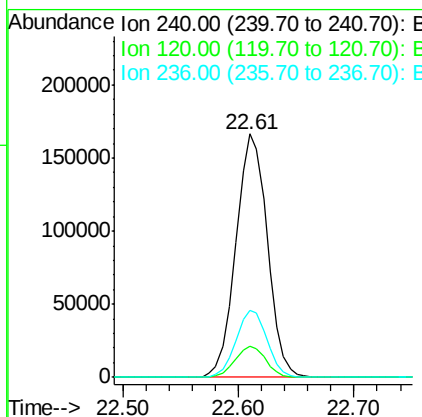
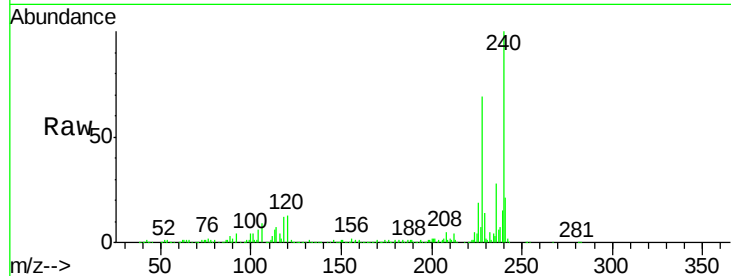




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.61 min Scan# 3289
 Delta R.T. -0.00 min
 Lab File: BG033018.D
 Acq: 6 Mar 2018 12:28

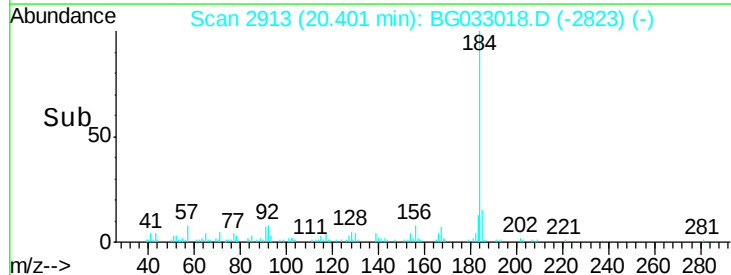
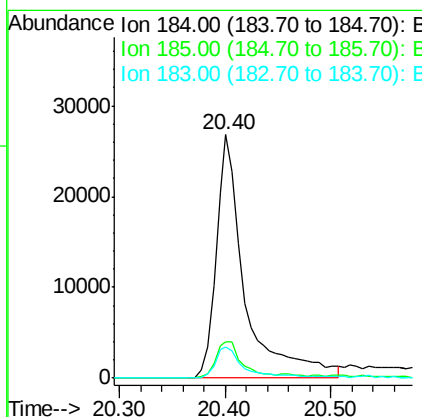
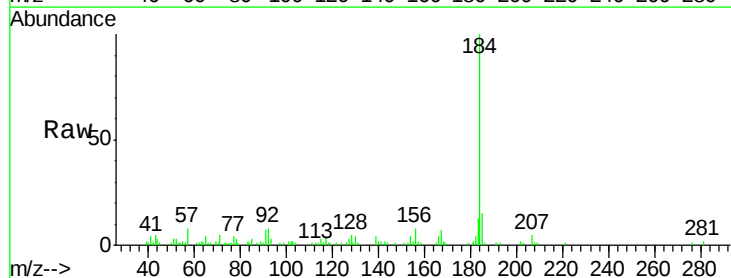
Instrument :
 BNA_G
 ClientSampled :

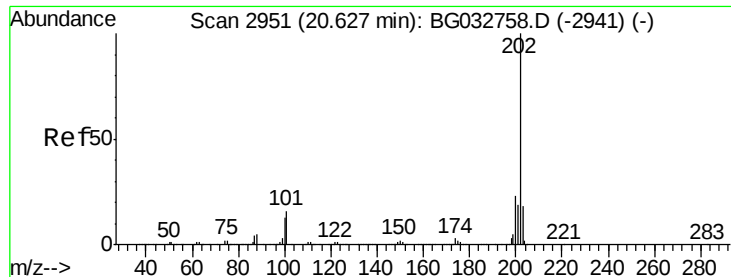
Tot Ion:240 Resp: 314038
 Ion Ratio Lower Upper
 240 100
 120 12.9 6.8 10.2#
 236 27.6 20.9 31.3



#76
 Benzidine
 Concen: 4.767 ng
 RT: 20.40 min Scan# 2913
 Delta R.T. -0.00 min
 Lab File: BG033018.D
 Acq: 6 Mar 2018 12:28

Tgt Ion:184 Resp: 51027
 Ion Ratio Lower Upper
 184 100
 185 14.8 11.1 16.7
 183 12.9 10.6 16.0





#77

Pvrene

Concen: 43.703 ng

RT: 20.61 min Scan# 2948

Delta R.T. 0.00 min

Lab File: BG033018.D

Acq: 6 Mar 2018 12:28

Instrument :

BNA_G

ClientSampleId :

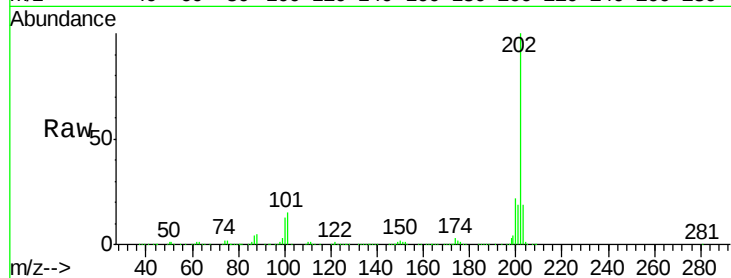
Tot Ion:202 Resp: 967858

Ion Ratio Lower Upper

202 100

200 22.1 16.9 25.3

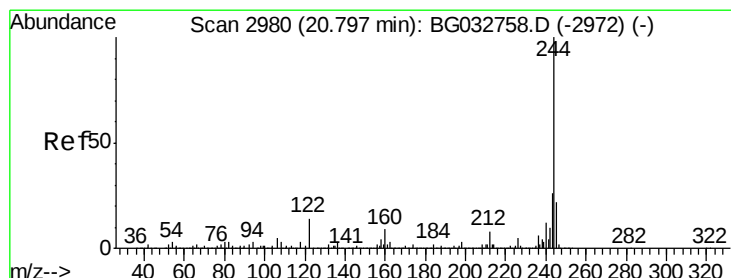
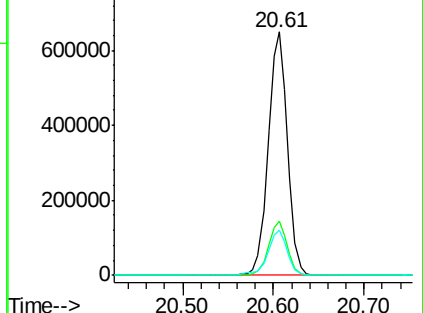
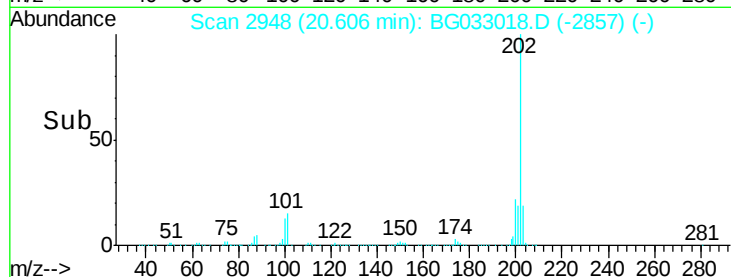
203 18.5 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 96.614 ng

RT: 20.77 min Scan# 2976

Delta R.T. 0.00 min

Lab File: BG033018.D

Acq: 6 Mar 2018 12:28

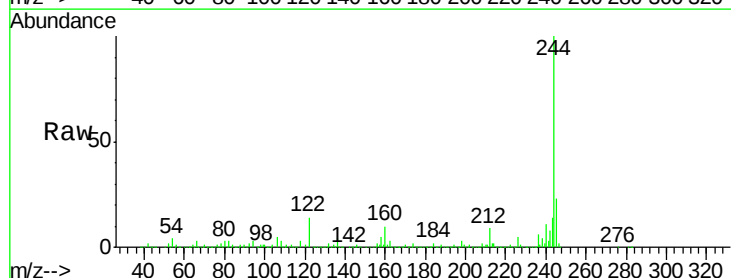
Tgt Ion:244 Resp: 1350426

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8

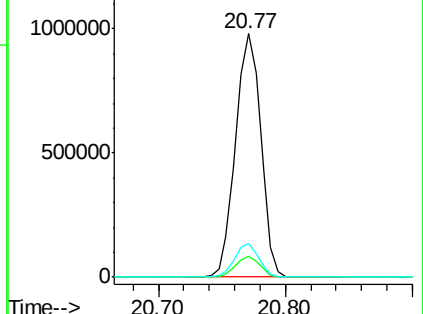
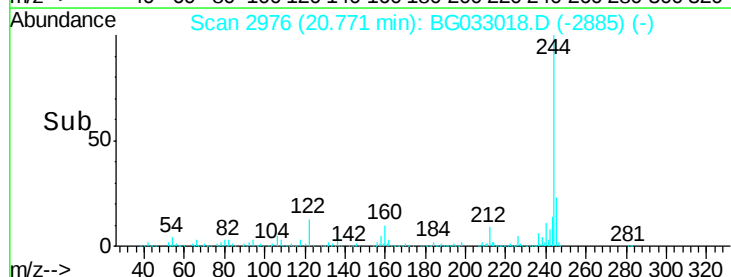
122 13.8 7.0 10.4#

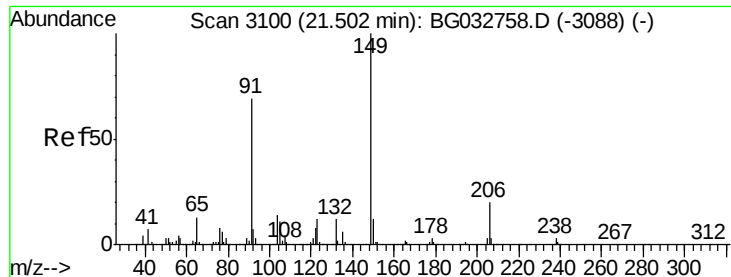


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

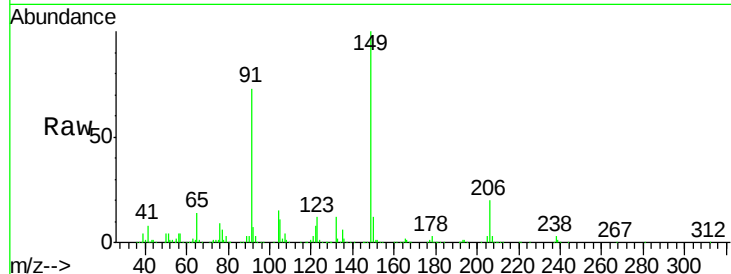




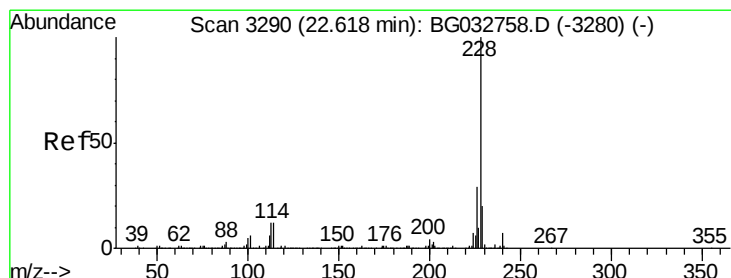
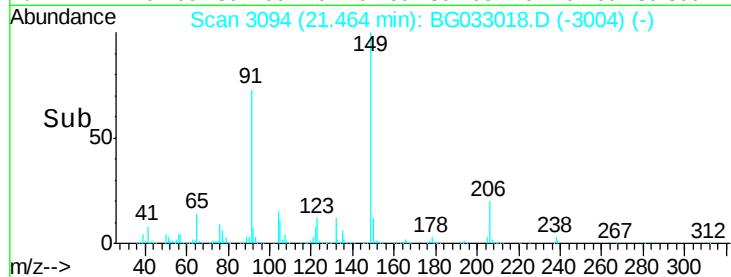
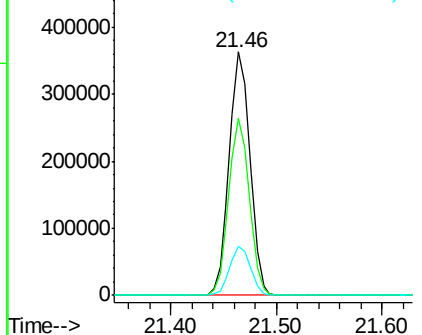
#79
Butylbenzylphthalate
Concen: 50.388 ng
RT: 21.46 min Scan# 3094
Delta R.T. -0.00 min
Lab File: BG033018.D
Acq: 6 Mar 2018 12:28

Instrument :
BNA_G
ClientSampled :

Tot Ion:149 Resp: 494755
Ion Ratio Lower Upper
149 100
91 72.9 62.2 93.2
206 19.9 18.6 27.8

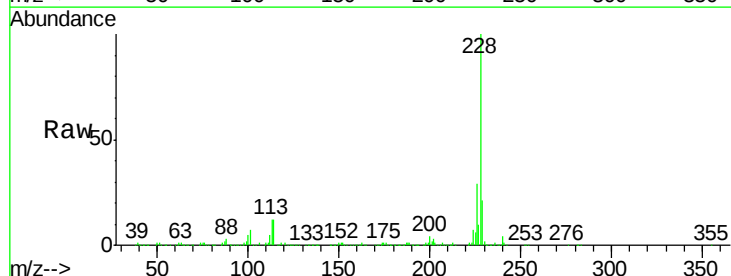


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E

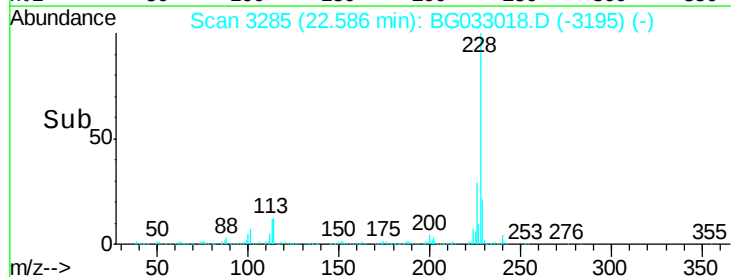
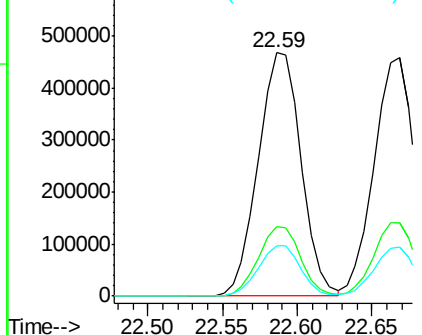


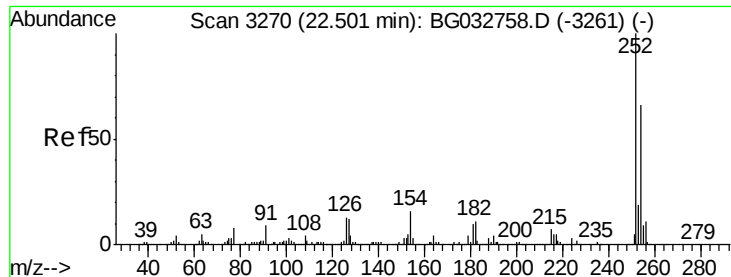
#80
Benzo(a)anthracene
Concen: 46.357 ng
RT: 22.59 min Scan# 3285
Delta R.T. -0.00 min
Lab File: BG033018.D
Acq: 6 Mar 2018 12:28

Tgt Ion:228 Resp: 933532
Ion Ratio Lower Upper
228 100
226 28.5 22.7 34.1
229 20.9 16.2 24.2



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

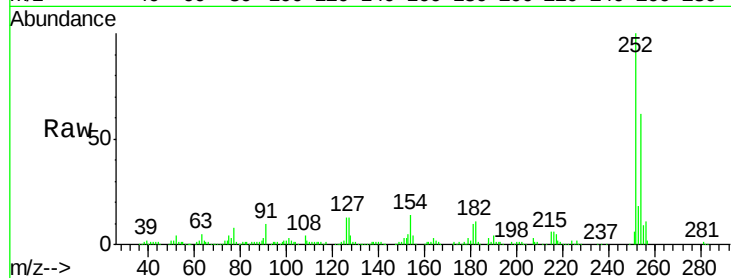




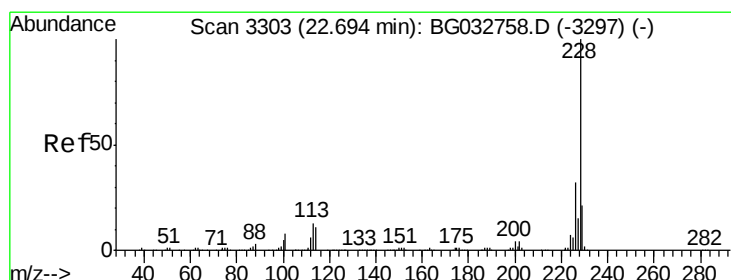
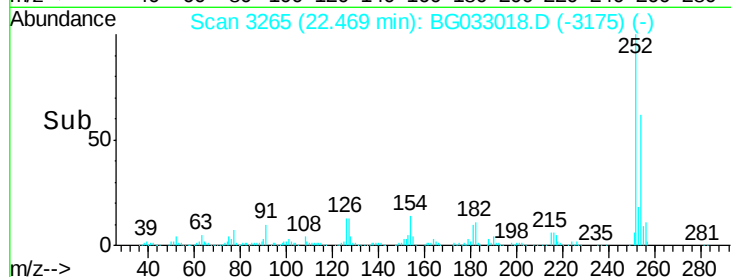
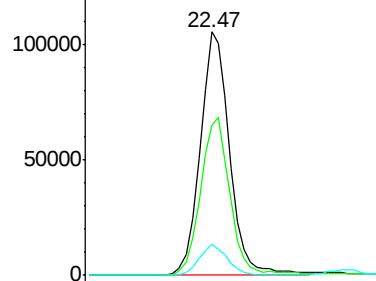
#81
 3,3'-Dichlorobenzidine
 Concen: 26.404 ng
 RT: 22.47 min Scan# 3265
 Delta R.T. -0.00 min
 Lab File: BG033018.D
 Acq: 6 Mar 2018 12:28

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:252 Resp: 196930
 Ion Ratio Lower Upper
 252 100
 254 61.9 50.8 76.2
 126 13.0 7.4 11.2#

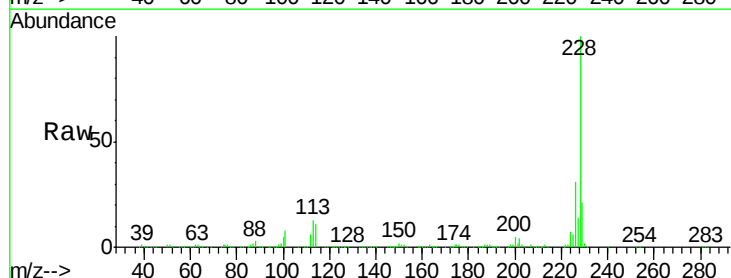


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

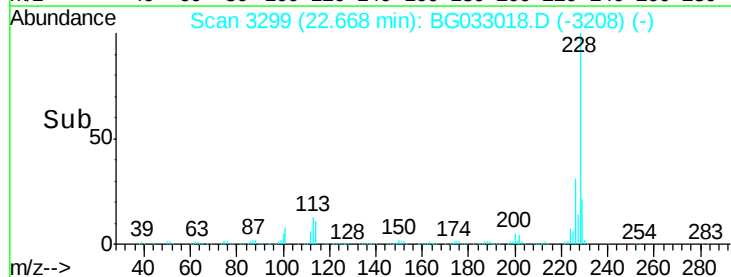
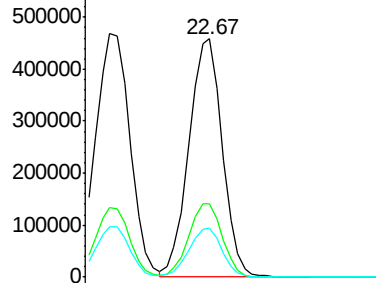


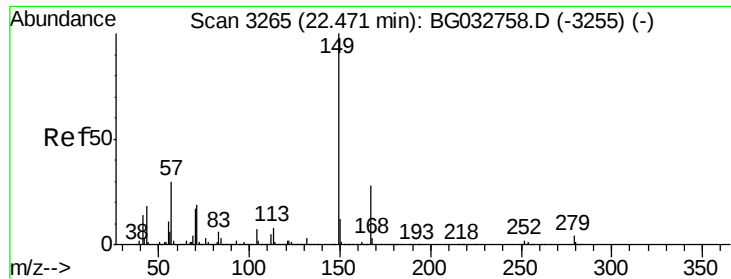
#82
 Chrysene
 Concen: 45.205 ng
 RT: 22.67 min Scan# 3299
 Delta R.T. 0.00 min
 Lab File: BG033018.D
 Acq: 6 Mar 2018 12:28

Tgt Ion:228 Resp: 869593
 Ion Ratio Lower Upper
 228 100
 226 31.1 24.9 37.3
 229 20.7 15.0 22.4



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

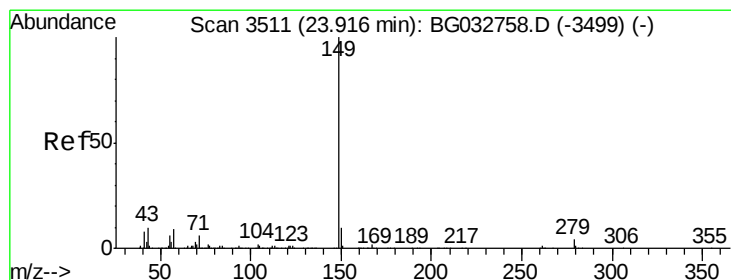
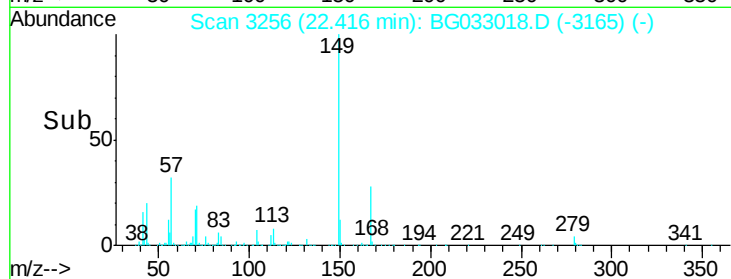
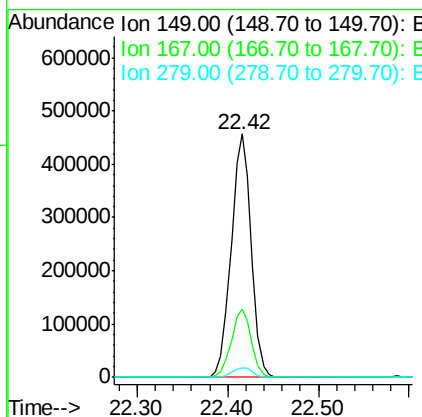
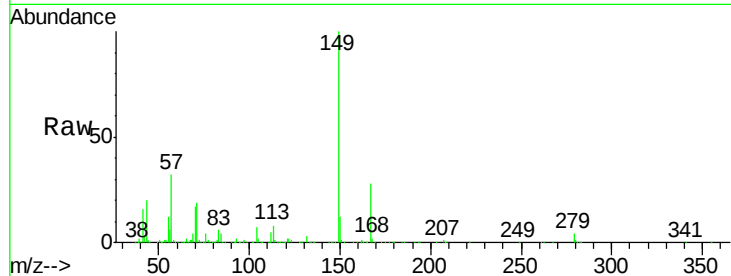




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.217 ng
 RT: 22.42 min Scan# 3256
 Delta R.T. 0.00 min
 Lab File: BG033018.D
 Acq: 6 Mar 2018 12:28

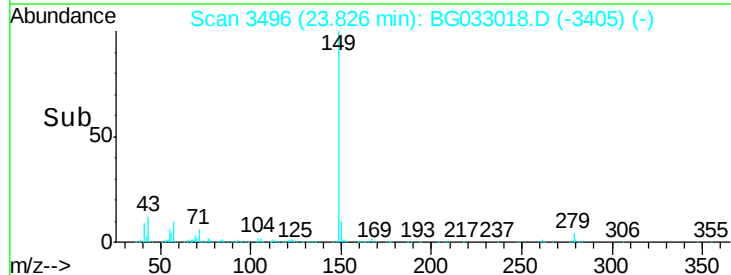
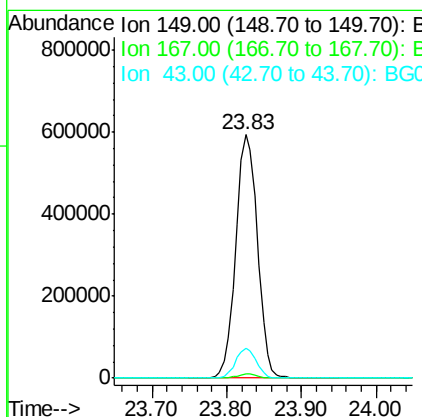
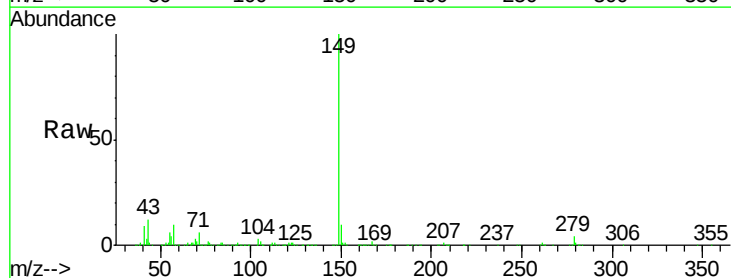
Instrument :
 BNA_G
 ClientSampleId :

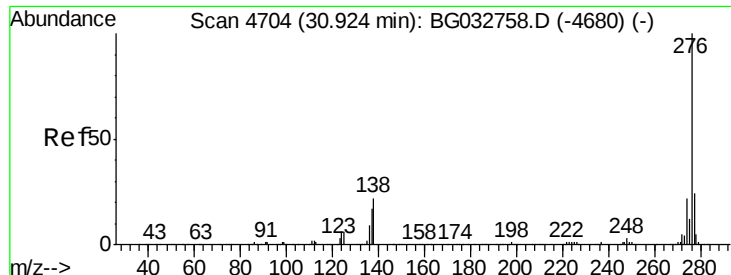
Tot Ion:149 Resp: 700798
 Ion Ratio Lower Upper
 149 100
 167 27.9 24.3 36.5
 279 4.0 4.0 6.0#



#84
 Di-n-octyl phthalate
 Concen: 54.011 ng
 RT: 23.83 min Scan# 3496
 Delta R.T. 0.00 min
 Lab File: BG033018.D
 Acq: 6 Mar 2018 12:28

Tgt Ion:149 Resp: 1196546
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.4 2.0
 43 11.7 8.9 13.3

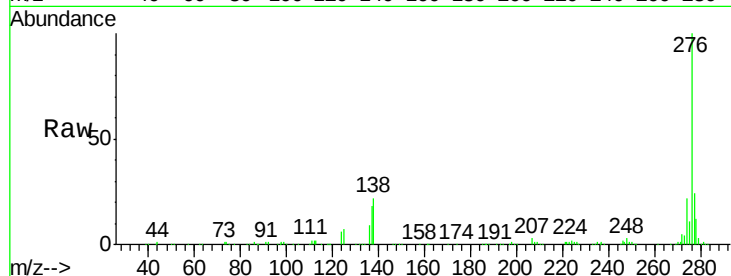




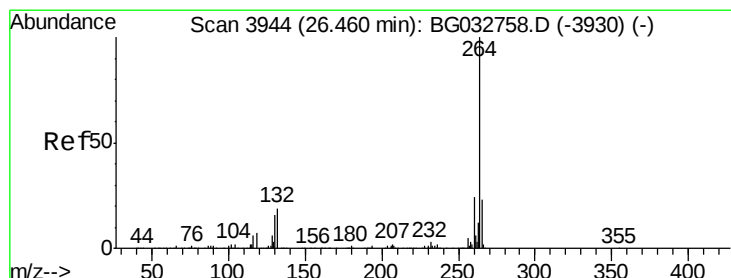
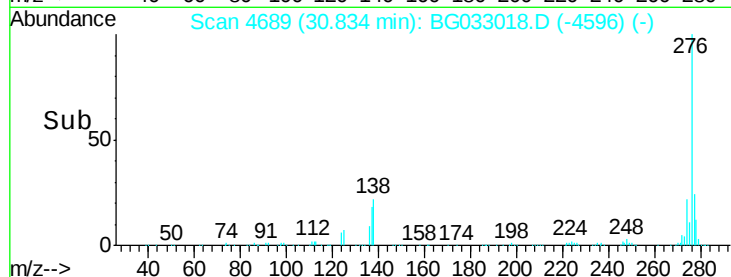
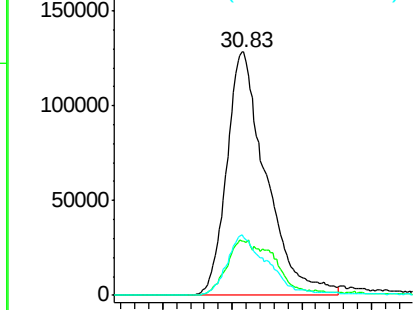
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.933 ng
 RT: 30.83 min Scan# 4689
 Delta R.T. 0.01 min
 Lab File: BG033018.D
 Acq: 6 Mar 2018 12:28

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:276 Resp: 1008044
 Ion Ratio Lower Upper
 276 100
 138 14.1 16.0 24.0#
 277 25.6 20.0 30.0

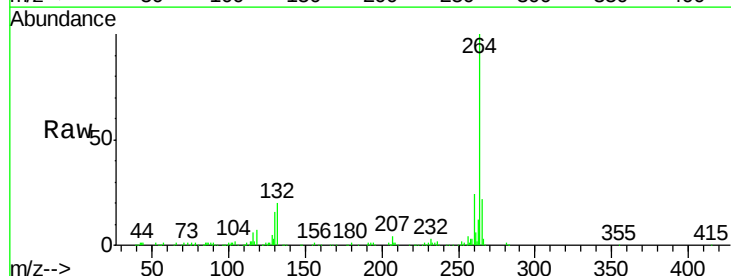


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

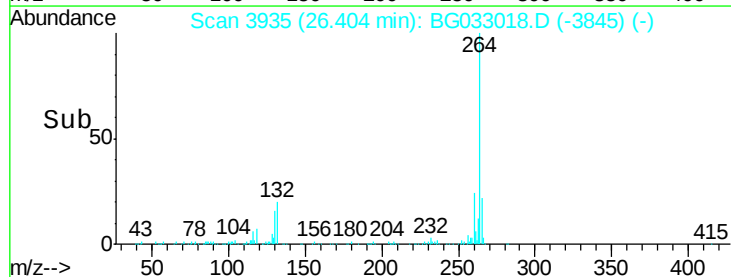
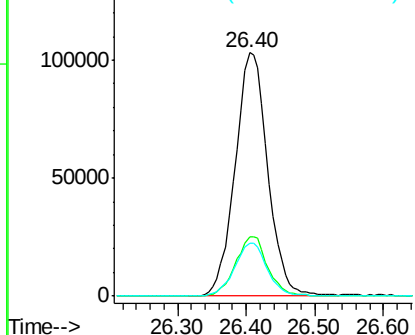


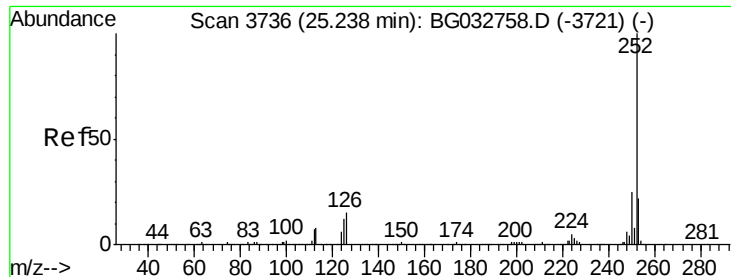
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.40 min Scan# 3935
 Delta R.T. -0.00 min
 Lab File: BG033018.D
 Acq: 6 Mar 2018 12:28

Tgt Ion:264 Resp: 340845
 Ion Ratio Lower Upper
 264 100
 260 24.3 17.4 26.0
 265 21.6 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 46.651 ng

RT: 25.19 min Scan# 3728

Delta R.T. 0.00 min

Lab File: BG033018.D

Acq: 6 Mar 2018 12:28

Instrument :

BNA_G

ClientSampleId :

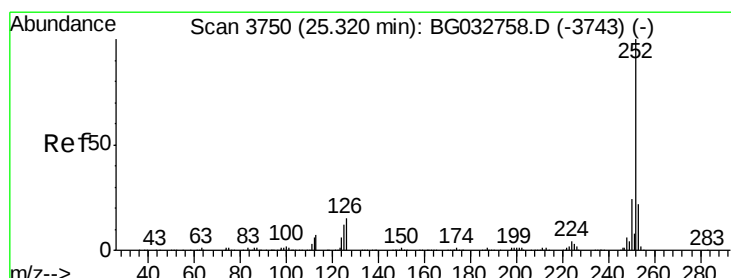
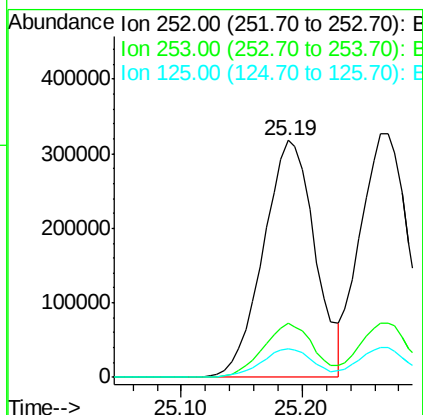
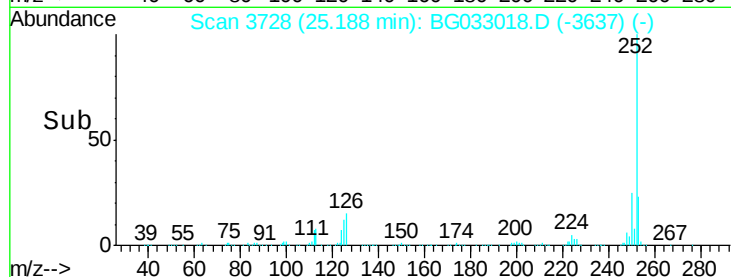
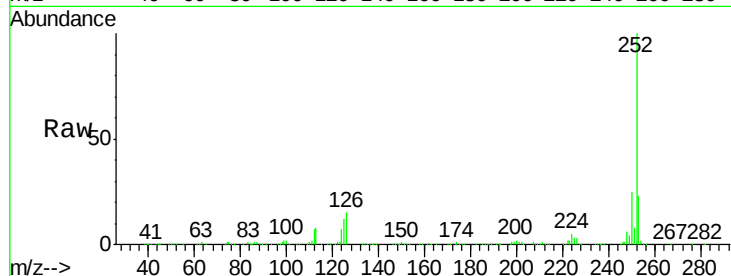
Tot Ion:252 Resp: 940157

Ion Ratio Lower Upper

252 100

253 22.7 18.2 27.4

125 12.3 7.2 10.8#



#88

Benzo(k)fluoranthene

Concen: 45.671 ng

RT: 25.27 min Scan# 3742

Delta R.T. 0.00 min

Lab File: BG033018.D

Acq: 6 Mar 2018 12:28

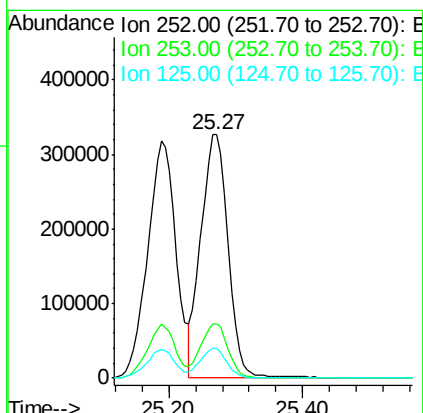
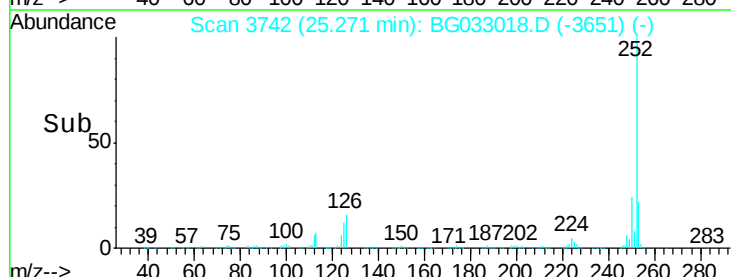
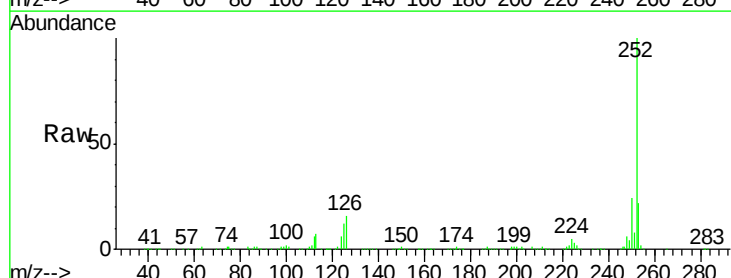
Tgt Ion:252 Resp: 914734

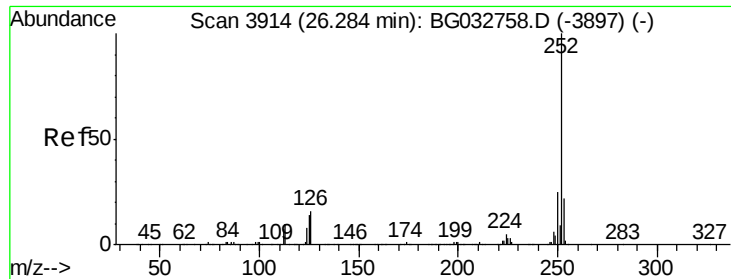
Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.2

125 12.1 6.6 9.8#

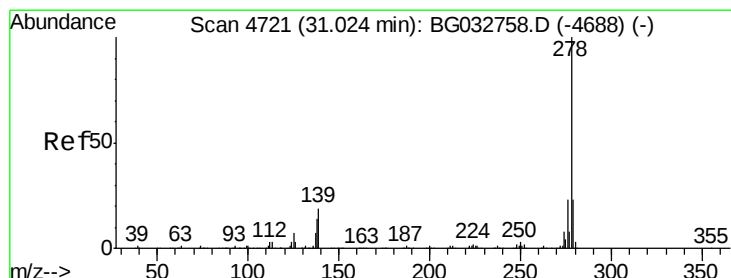
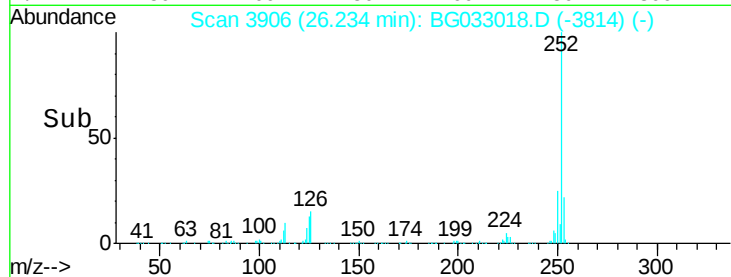
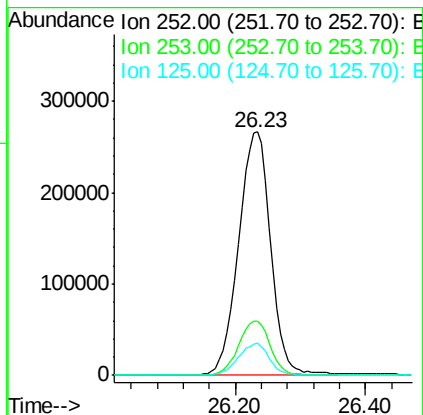
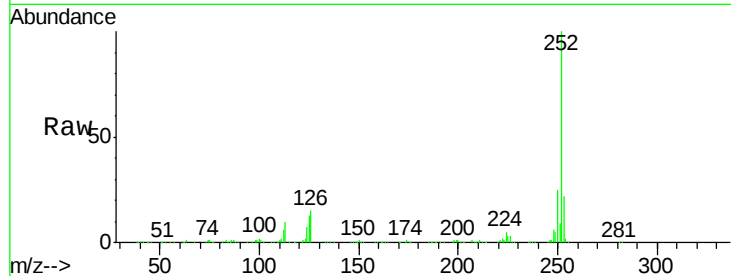




#89
Benzo(a)pyrene
Concen: 47.168 ng
RT: 26.23 min Scan# 3906
Delta R.T. 0.01 min
Lab File: BG033018.D
Acq: 6 Mar 2018 12:28

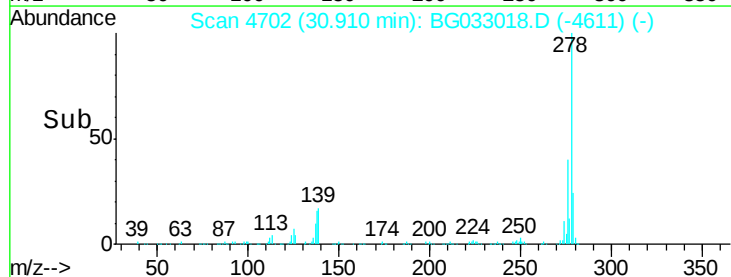
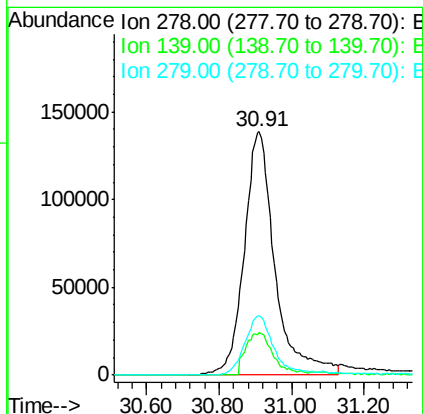
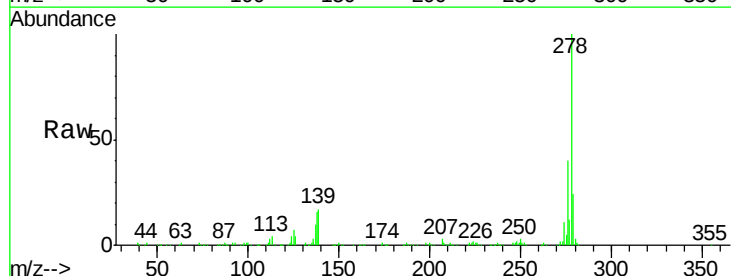
Instrument :
BNA_G
ClientSampleId :

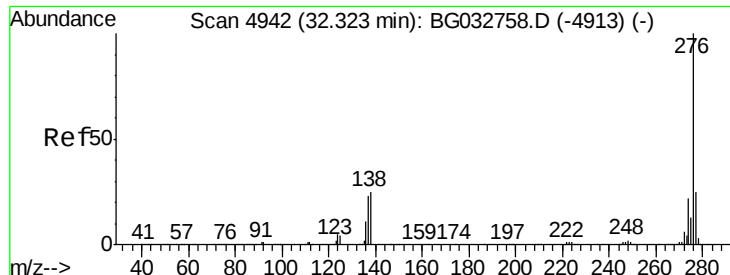
Tot Ion:252 Resp: 904142
Ion Ratio Lower Upper
252 100
253 22.4 18.3 27.5
125 13.4 7.3 10.9#



#90
Dibenzo(a,h)anthracene
Concen: 42.391 ng
RT: 30.91 min Scan# 4702
Delta R.T. 0.00 min
Lab File: BG033018.D
Acq: 6 Mar 2018 12:28

Tgt Ion:278 Resp: 817910
Ion Ratio Lower Upper
278 100
139 17.4 9.8 14.6#
279 24.3 18.4 27.6





#91

Benzo(a,h,i)perylene

Concen: 44.156 ng

RT: 32.22 min Scan# 4925

Delta R.T. 0.01 min

Lab File: BG033018.D

Acq: 6 Mar 2018 12:28

Instrument :

BNA_G

ClientSampleId :

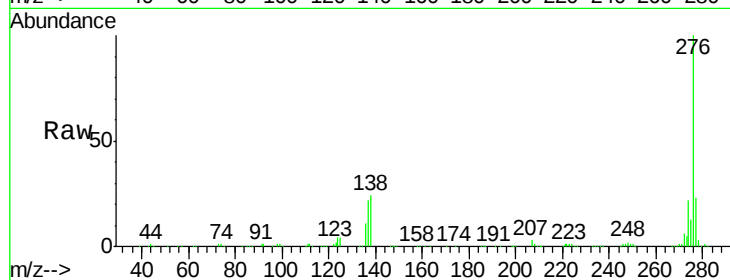
Tot Ion:276 Resp: 839833

Ion Ratio Lower Upper

276 100

277 23.2 18.3 27.5

138 24.2 13.9 20.9#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

