

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030818\
 Data File : BG033042.D
 Acq On : 8 Mar 2018 15:59
 Operator : SJ/JU
 Sample : J1748-02MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 08 16:44:32 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	56592	20.00	ng	0.00
21) Naphthalene-d8	11.80	136	244728	20.00	ng	0.00
38) Acenaphthene-d10	15.53	164	136645	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	307582	20.00	ng	0.00
75) Chrysene-d12	22.62	240	287278	20.00	ng	0.00
86) Perylene-d12	26.41	264	312927	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	6.33	112	481008	135.98	ng	0.00
7) Phenol-d6	8.01	99	581388	117.92	ng	0.00
23) Nitrobenzene-d5	10.11	82	438197	119.68	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	244170	169.94	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	901816	95.18	ng	0.00
78) Terphenyl-d14	20.77	244	1305676	102.11	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.98	88	57781	37.638	ng	# 89
3) Pyridine	4.44	79	111950	26.458	ng	92
4) n-Nitrosodimethylamine	4.33	42	94889	55.934	ng	# 85
6) Aniline	8.21	93	109061	16.341	ng	97
8) 2-Chlorophenol	8.46	128	185193	47.831	ng	96
9) Benzaldehyde	8.01	77	57581	20.263	ng	89
10) Phenol	8.04	94	200827	40.406	ng	97
11) bis(2-Chloroethyl)ether	8.29	93	176161	43.345	ng	98
12) 1,3-Dichlorobenzene	8.80	146	185267	40.854	ng	99
13) 1,4-Dichlorobenzene	8.95	146	187707	41.121	ng	98
14) 1,2-Dichlorobenzene	9.29	146	180778	41.328	ng	99
15) Benzyl Alcohol	9.15	79	169058	46.640	ng	95
16) 2,2'-oxybis(1-Chloropropan	9.44	45	349376	50.006	ng	99
17) 2-Methylphenol	9.34	107	158026	43.117	ng	97
18) Hexachloroethane	10.04	117	69880	44.962	ng	# 87
19) n-Nitroso-di-n-propylamine	9.73	70	151602	43.553	ng	# 92
20) 3+4-Methylphenols	9.67	107	215818	42.350	ng	95
22) Acetophenone	9.76	105	278268	45.023	ng	# 98
24) Nitrobenzene	10.16	77	212900	53.680	ng	95
25) Isophorone	10.68	82	408498	47.556	ng	96
26) 2-Nitrophenol	10.88	139	98045	63.683	ng	95
27) 2,4-Dimethylphenol	10.91	122	195124	52.291	ng	91
28) bis(2-Chloroethoxy)methane	11.15	93	243725	48.705	ng	96
29) 2,4-Dichlorophenol	11.42	162	173230	51.150	ng	93
30) 1,2,4-Trichlorobenzene	11.65	180	171664	43.241	ng	98
31) Naphthalene	11.85	128	599047	46.845	ng	99
32) Benzoic acid	11.03	122	104296	45.826	ng	# 83
33) 4-Chloroaniline	11.94	127	74299	12.994	ng	94
34) Hexachlorobutadiene	12.11	225	97467	43.770	ng	96
35) Caprolactam	12.68	113	47888	35.314	ng	96
36) 4-Chloro-3-methylphenol	12.99	107	205217	52.071	ng	92
37) 2-Methylnaphthalene	13.40	142	421165	45.522	ng	92
39) 1,2,4,5-Tetrachlorobenzene	13.75	216	181235	44.679	ng	# 96
40) Hexachlorocyclopentadiene	13.73	237	221819	107.301	ng	91

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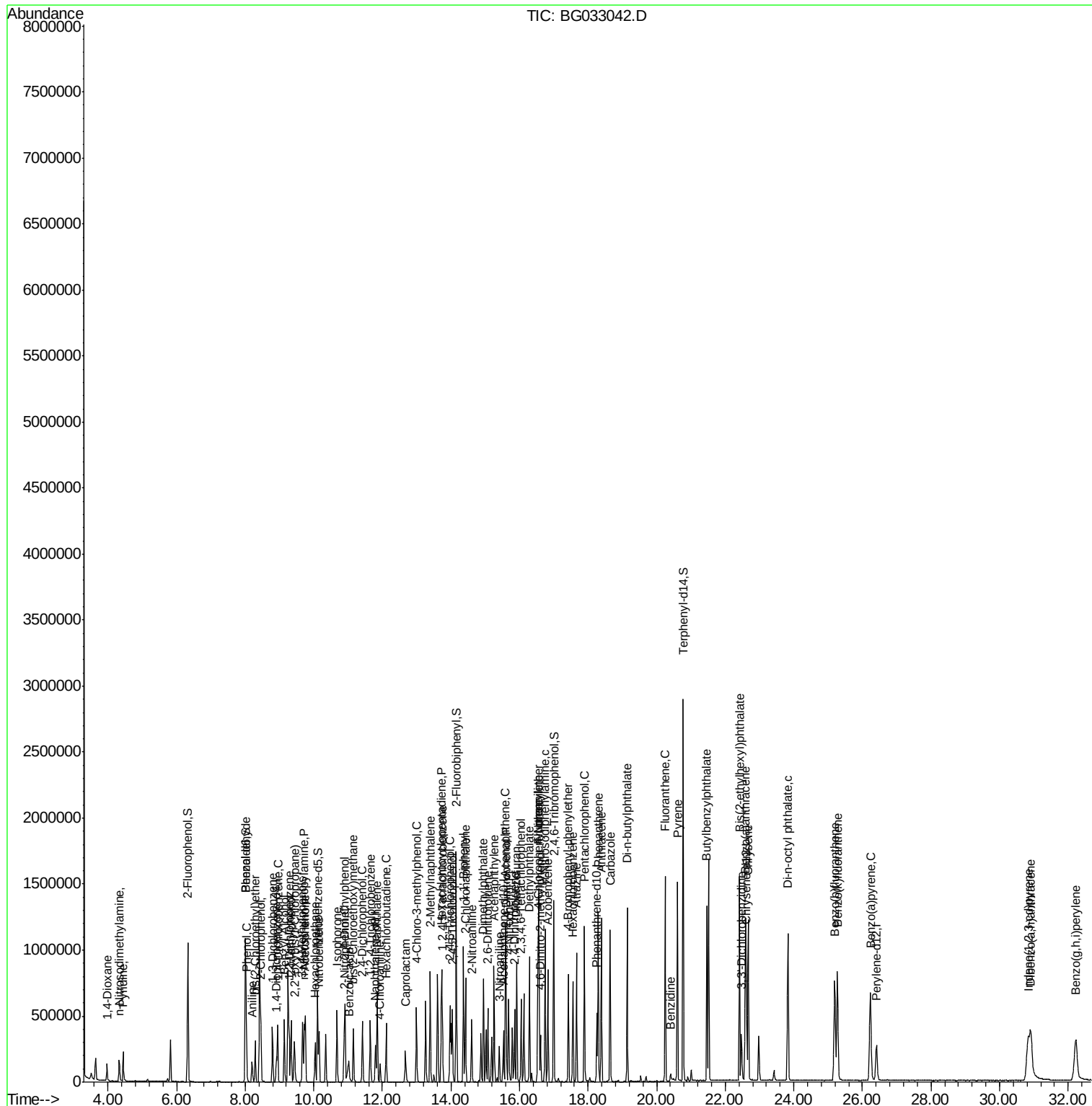
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.97	196	134492	52.575	nq	97
43) 2,4,5-Trichlorophenol	14.04	196	149298	50.427	nq	# 95
45) 1,1'-Biphenyl	14.37	154	528920	44.296	nq	96
46) 2-Chloronaphthalene	14.43	162	400401	44.890	nq	97
47) 2-Nitroaniline	14.61	65	150026	62.863	nq	94
48) Acenaphthylene	15.26	152	651616	44.621	nq	98
49) Dimethylphthalate	14.95	163	526159	45.349	nq	99
50) 2,6-Dinitrotoluene	15.08	165	116379	58.266	nq	93
51) Acenaphthene	15.60	154	456912	50.239	nq	98
52) 3-Nitroaniline	15.41	138	72735	33.347	nq	# 86
53) 2,4-Dinitrophenol	15.61	184	103557	135.329	nq	95
54) Dibenzofuran	15.92	168	611903	47.252	nq	94
55) 4-Nitrophenol	15.68	139	173956	90.534	nq	87
56) 2,4-Dinitrotoluene	15.86	165	166635	66.820	nq	# 86
57) Fluorene	16.56	166	494744	46.288	nq	99
58) 2,3,4,6-Tetrachlorophenol	16.05	232	127075	55.282	nq	94
59) Diethylphthalate	16.29	149	569029	46.499	nq	97
60) 4-Chlorophenyl-phenylether	16.54	204	247323	47.302	nq	90
61) 4-Nitroaniline	16.56	138	123154	48.917	nq	88
62) Azobenzene	16.83	77	524392	47.899	nq	96
64) 4,6-Dinitro-2-methylphenol	16.61	198	76197	71.281	nq	90
65) n-Nitrosodiphenylamine	16.75	169	461193	46.091	nq	99
66) 4-Bromophenyl-phenylether	17.43	248	149736	46.039	nq	# 85
67) Hexachlorobenzene	17.56	284	156318	44.476	nq	# 91
68) Atrazine	17.66	200	163251	49.566	nq	96
69) Pentachlorophenol	17.89	266	208783	94.308	nq	98
70) Phenanthrene	18.30	178	798780	46.549	nq	98
71) Anthracene	18.39	178	816204	47.377	nq	99
72) Carbazole	18.64	167	761653	44.854	nq	98
73) Di-n-butylphthalate	19.14	149	979703	47.029	nq	99
74) Fluoranthene	20.25	202	913224	48.177	nq	94
76) Benzidine	20.40	184	57891	5.912	nq	98
77) Pyrene	20.61	202	914497	45.140	nq	98
79) Butylbenzylphthalate	21.46	149	462505	51.492	nq	95
80) Benzo(a)anthracene	22.59	228	871656	47.317	nq	100
81) 3,3'-Dichlorobenzidine	22.47	252	150602	22.073	nq	# 99
82) Chrysene	22.67	228	826294	46.956	nq	97
83) Bis(2-ethylhexyl)phthalate	22.42	149	653759	49.171	nq	# 96
84) Di-n-octyl phthalate	23.83	149	1122025	55.365	nq	99
85) Indeno(1,2,3-cd)pyrene	30.84	276	924960	45.070	nq	96
87) Benzo(b)fluoranthene	25.19	252	868588	46.945	nq	# 97
88) Benzo(k)fluoranthene	25.27	252	873552	47.506	nq	# 96
89) Benzo(a)pyrene	26.23	252	848210	48.198	nq	# 97
90) Dibenzo(a,h)anthracene	30.91	278	746705	42.154	nq	# 94
91) Benzo(g,h,i)perylene	32.23	276	777630	44.533	nq	# 92

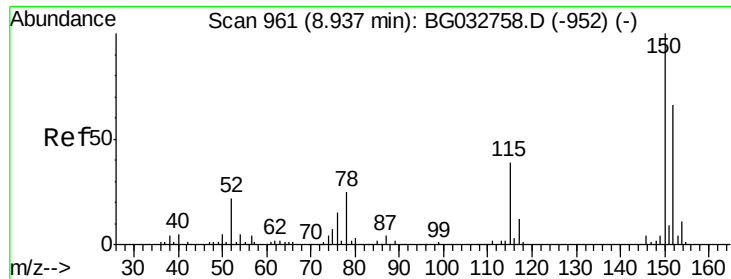
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
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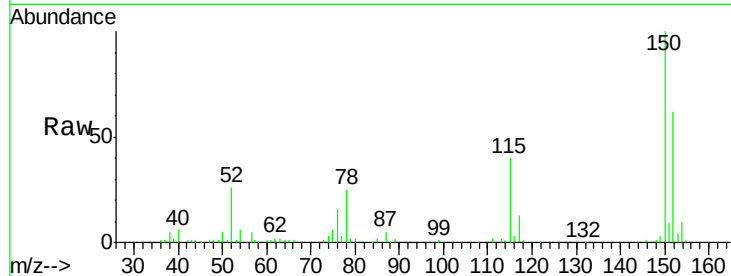


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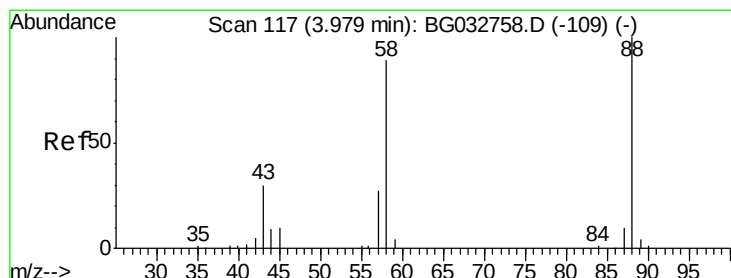
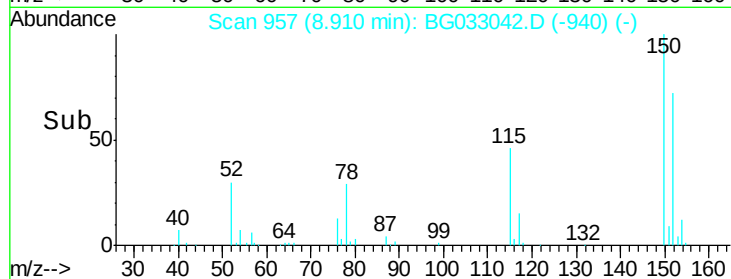
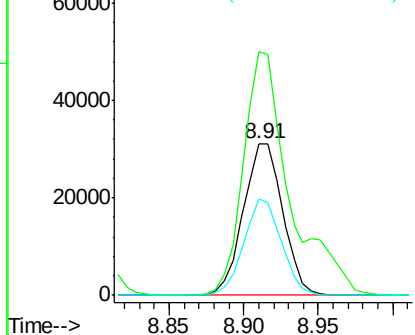
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.00 min
Lab File: BG033042.D
Acq: 8 Mar 2018 15:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 56592
Ion Ratio Lower Upper
152 100
150 160.2 126.6 189.8
115 63.3 53.0 79.4



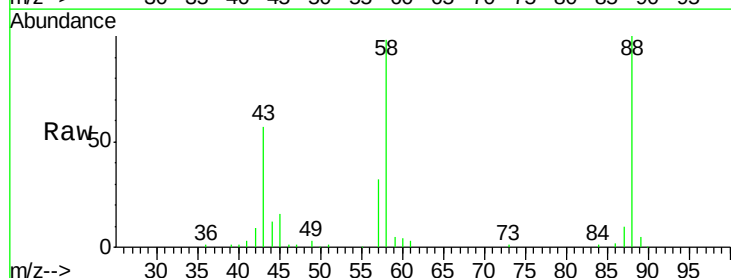
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



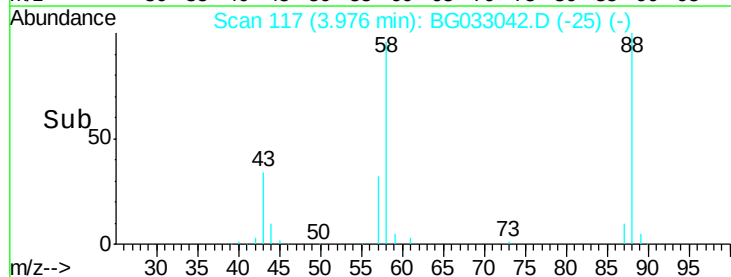
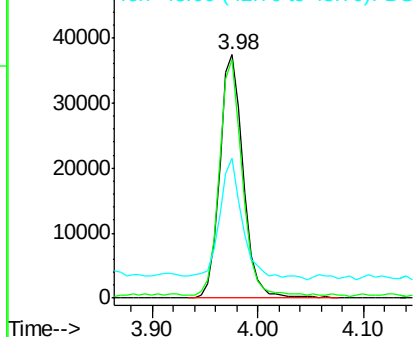
#2

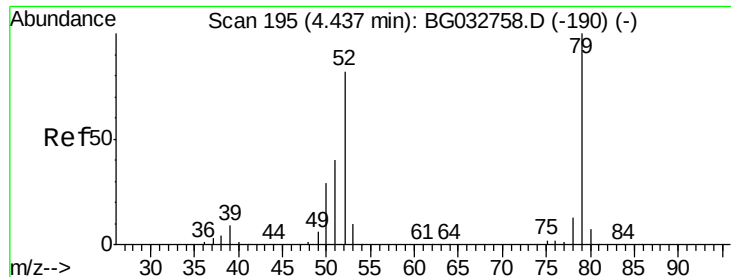
1,4-Dioxane
Concen: 37.638 ng
RT: 3.98 min Scan# 117
Delta R.T. 0.01 min
Lab File: BG033042.D
Acq: 8 Mar 2018 15:59

Tgt Ion: 88 Resp: 57781
Ion Ratio Lower Upper
88 100
58 94.3 79.6 119.4
43 50.7 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: 26.458 ng

RT: 4.44 min Scan# 196

Delta R.T. 0.01 min

Lab File: BG033042.D

Acq: 8 Mar 2018 15:59

Instrument :

BNA_G

ClientSampleId :

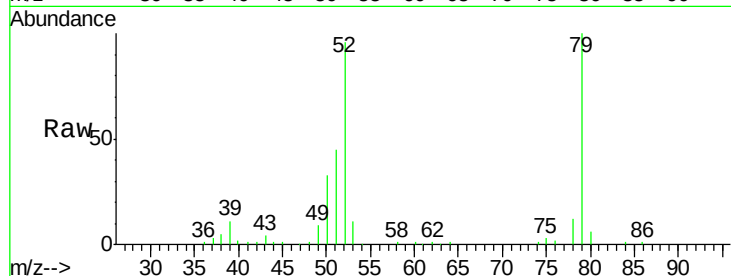
Tot Ion: 79 Resp: 111950

Ion Ratio Lower Upper

79 100

52 96.0 69.9 104.9

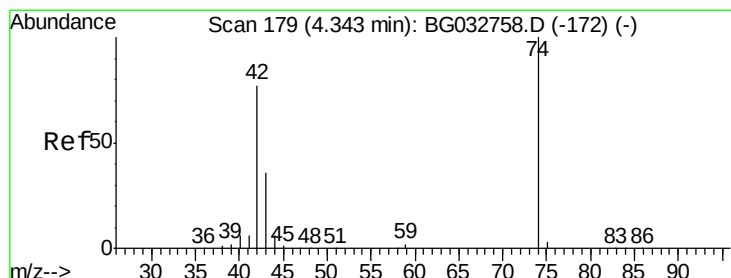
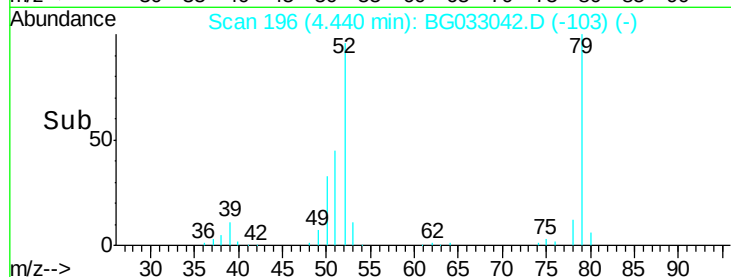
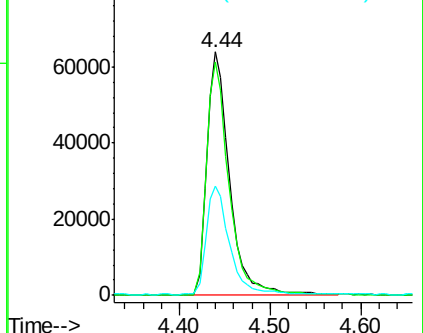
51 45.1 34.0 51.0



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: 55.934 ng

RT: 4.33 min Scan# 178

Delta R.T. 0.01 min

Lab File: BG033042.D

Acq: 8 Mar 2018 15:59

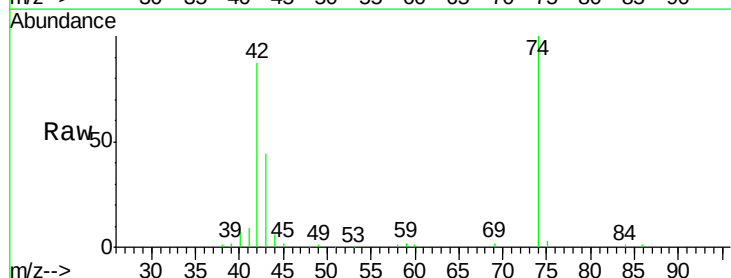
Tgt Ion: 42 Resp: 94889

Ion Ratio Lower Upper

42 100

74 114.8 102.5 153.7

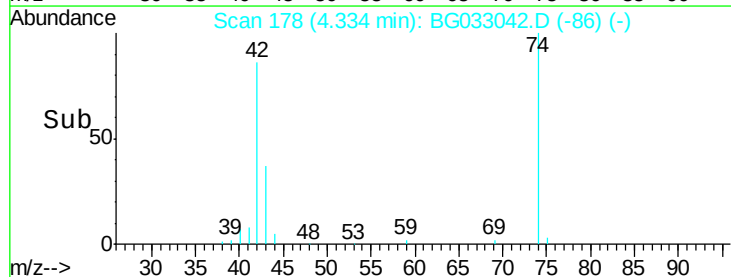
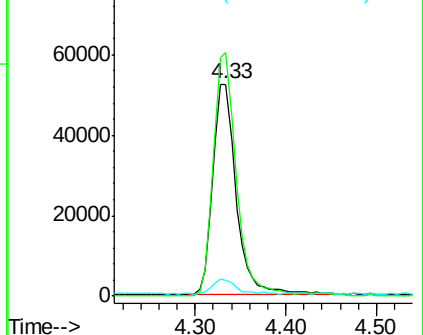
44 7.3 18.9 28.3#

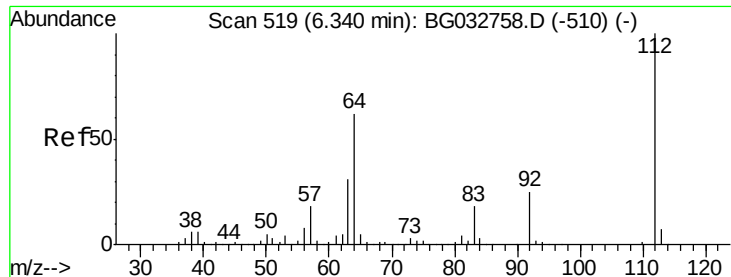


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 135.981 ng

RT: 6.33 min Scan# 518

Delta R.T. 0.01 min

Lab File: BG033042.D

Acq: 8 Mar 2018 15:59

Instrument :

BNA_G

ClientSampled :

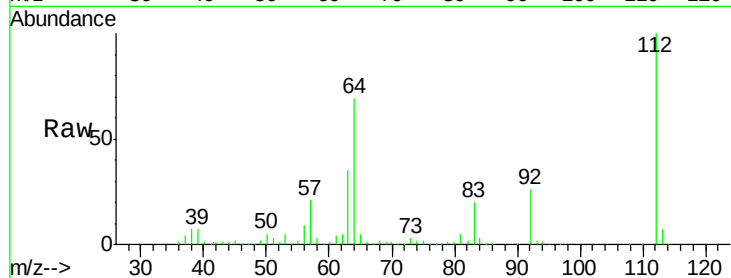
Tot Ion:112 Resp: 481008

Ion Ratio Lower Upper

112 100

64 68.9 56.3 84.5

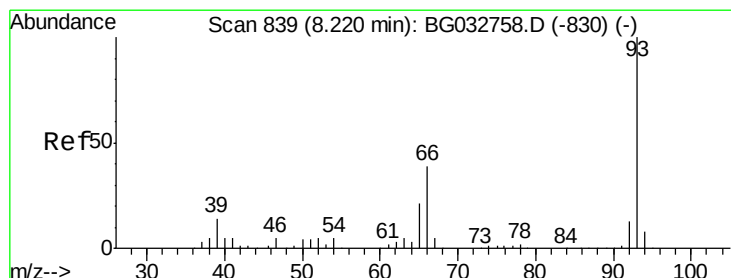
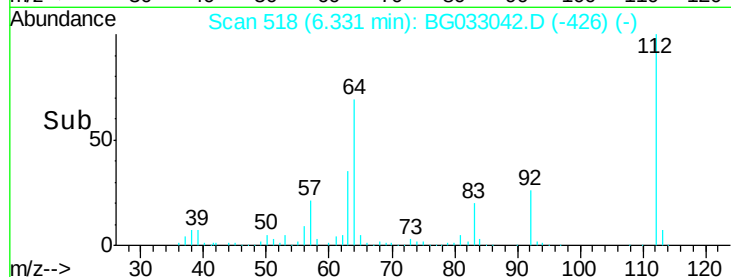
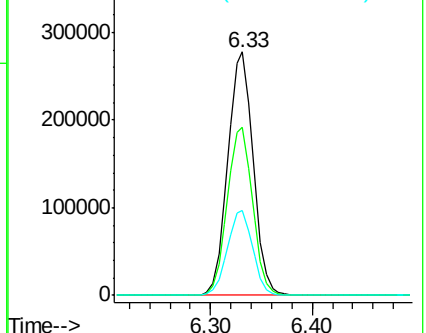
63 34.7 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 16.341 ng

RT: 8.21 min Scan# 837

Delta R.T. 0.00 min

Lab File: BG033042.D

Acq: 8 Mar 2018 15:59

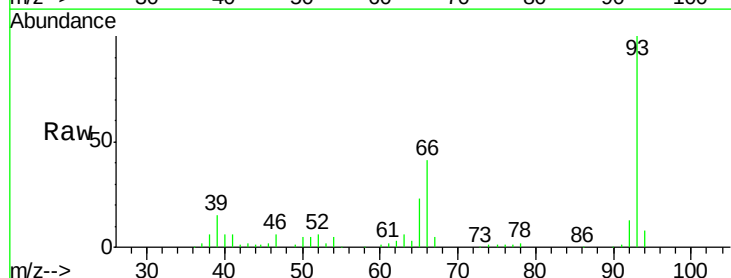
Tgt Ion: 93 Resp: 109061

Ion Ratio Lower Upper

93 100

66 40.5 33.7 50.5

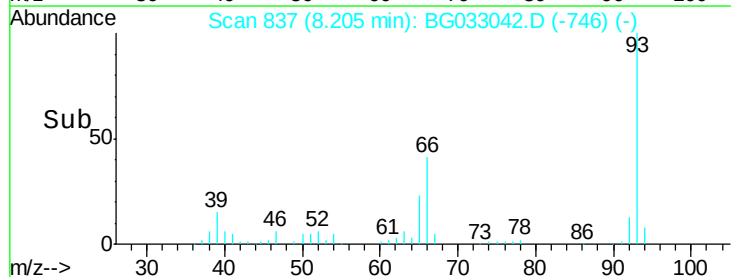
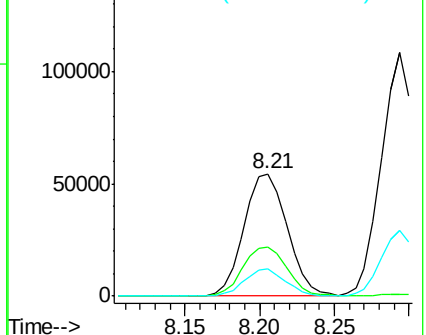
65 22.6 16.1 24.1

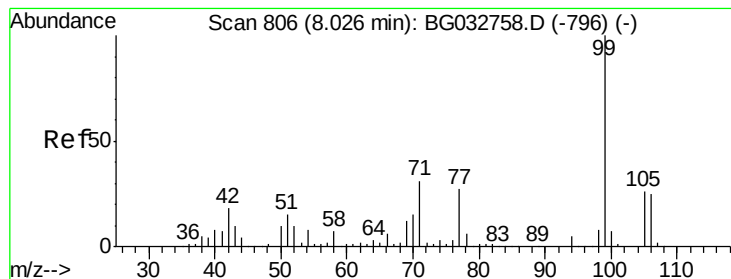


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 117.916 ng

RT: 8.01 min Scan# 804

Delta R.T. 0.00 min

Lab File: BG033042.D

Acq: 8 Mar 2018 15:59

Instrument :

BNA_G

ClientSampled :

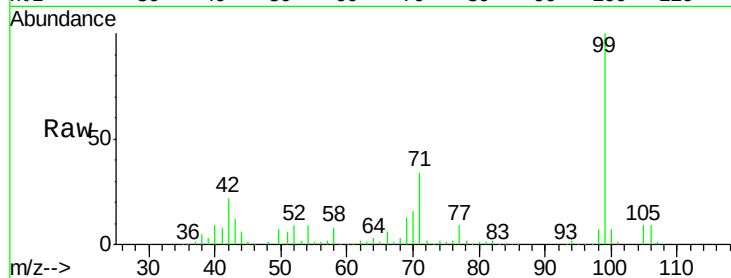
Tot Ion: 99 Resp: 581388

Ion Ratio Lower Upper

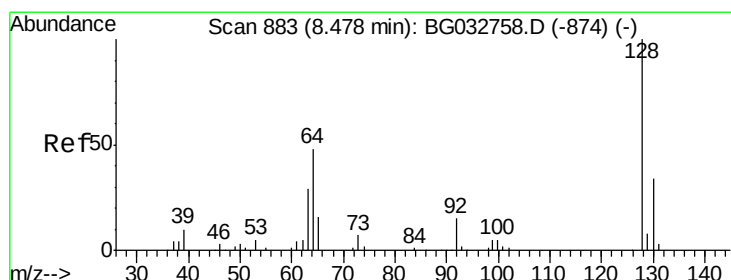
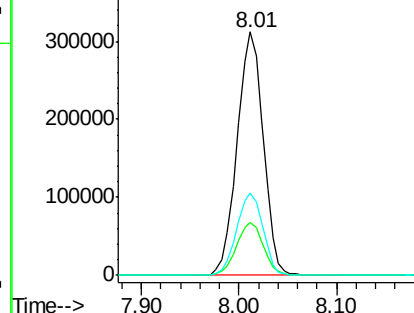
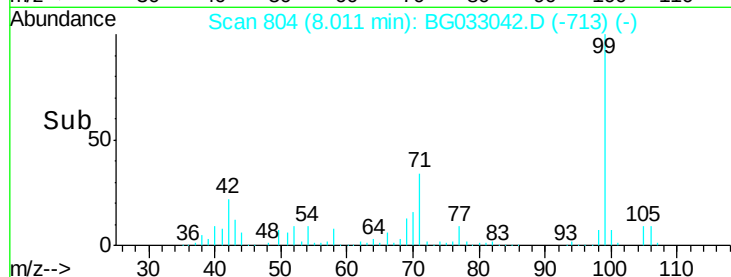
99 100

42 21.7 14.1 21.1#

71 33.7 26.1 39.1



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



#8

2-Chlorophenol

Concen: 47.831 ng

RT: 8.46 min Scan# 880

Delta R.T. 0.00 min

Lab File: BG033042.D

Acq: 8 Mar 2018 15:59

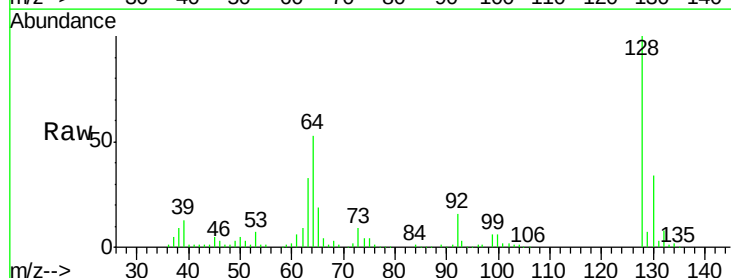
Tgt Ion: 128 Resp: 185193

Ion Ratio Lower Upper

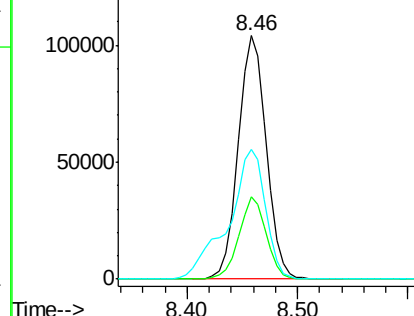
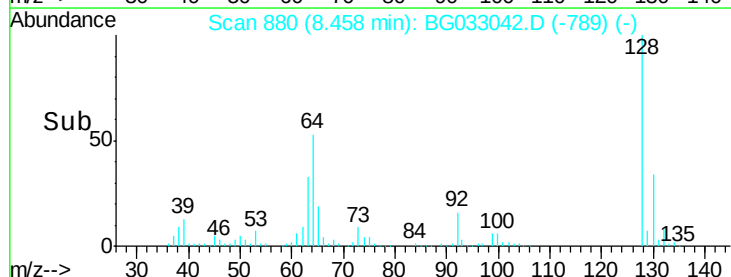
128 100

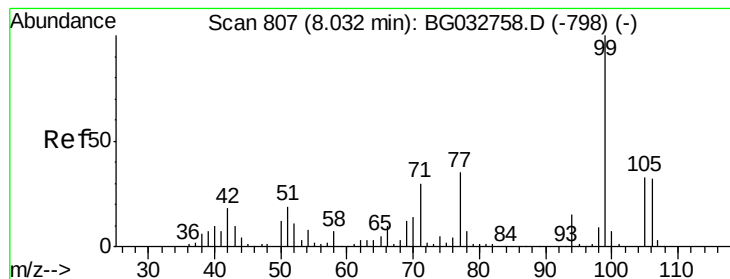
130 34.0 14.0 54.0

64 53.1 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: 20.263 ng

RT: 8.01 min Scan# 804

Delta R.T. 0.00 min

Lab File: BG033042.D

Acq: 8 Mar 2018 15:59

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ClientSampleId :

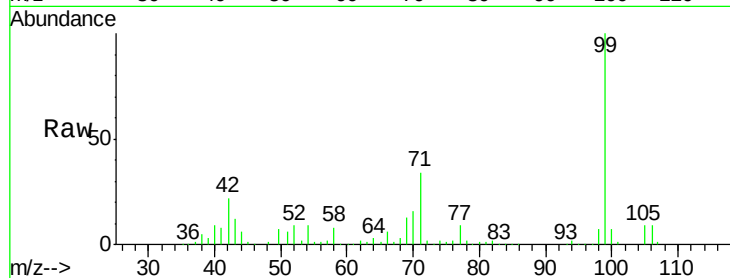
Tot Ion: 77 Resp: 57581

Ion Ratio Lower Upper

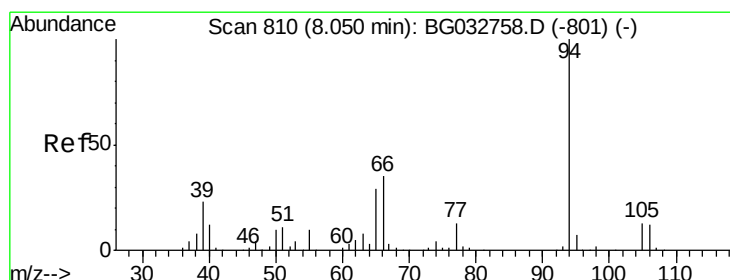
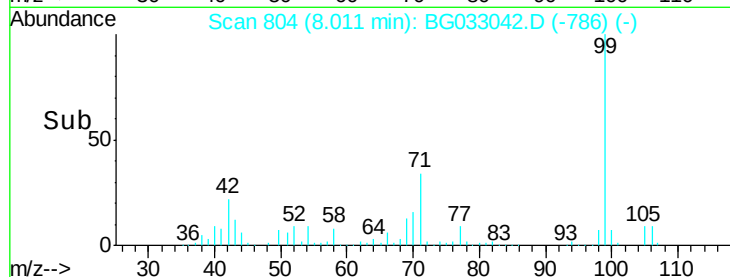
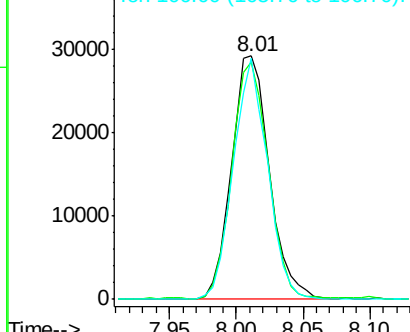
77 100

105 97.2 71.3 111.3

106 98.9 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: 40.406 ng

RT: 8.04 min Scan# 809

Delta R.T. 0.01 min

Lab File: BG033042.D

Acq: 8 Mar 2018 15:59

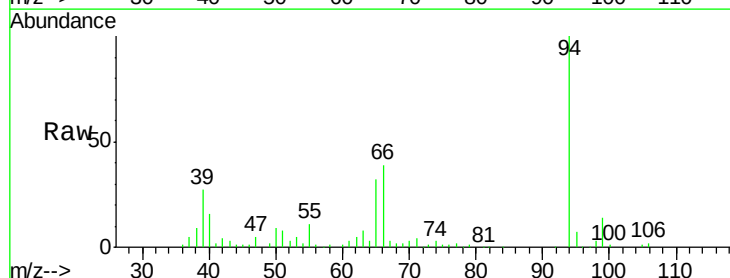
Tgt Ion: 94 Resp: 200827

Ion Ratio Lower Upper

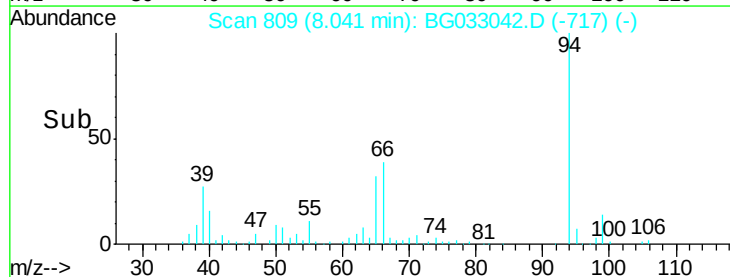
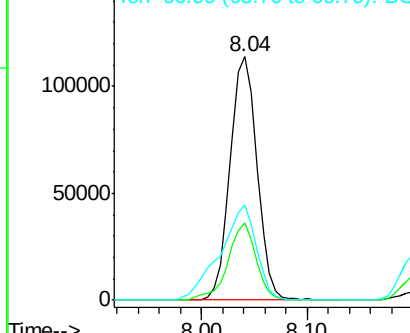
94 100

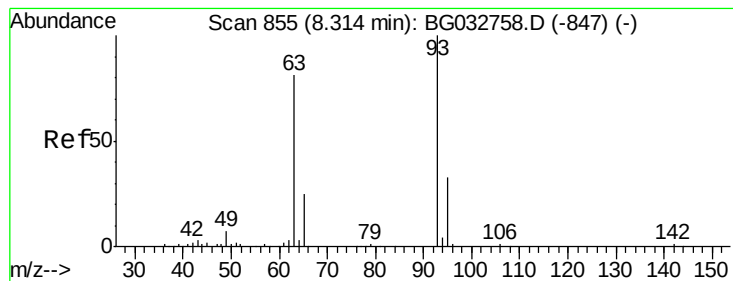
65 31.7 11.9 51.9

66 39.1 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

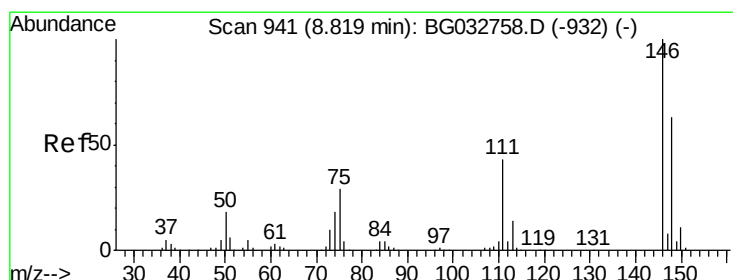
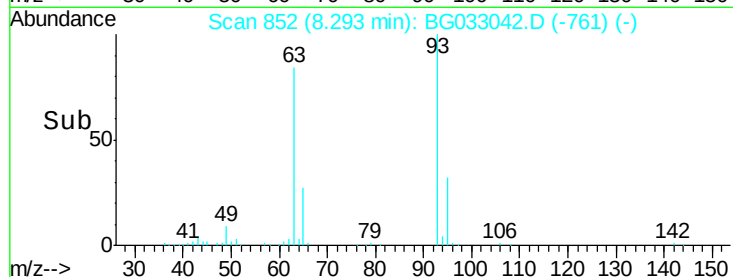
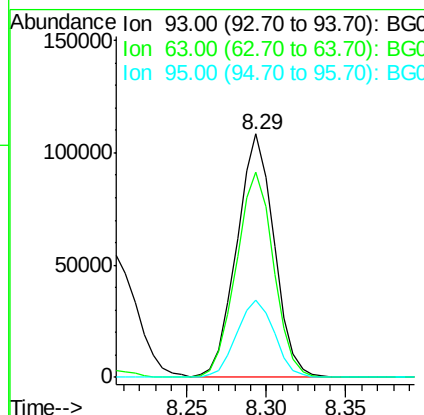
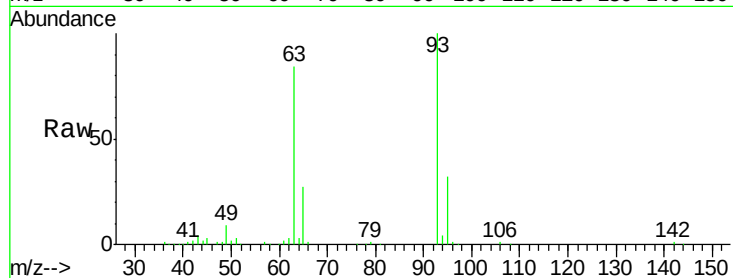




#11
bis(2-Chloroethyl)ether
Concen: 43.345 ng
RT: 8.29 min Scan# 852
Delta R.T. 0.00 min
Lab File: BG033042.D
Acq: 8 Mar 2018 15:59

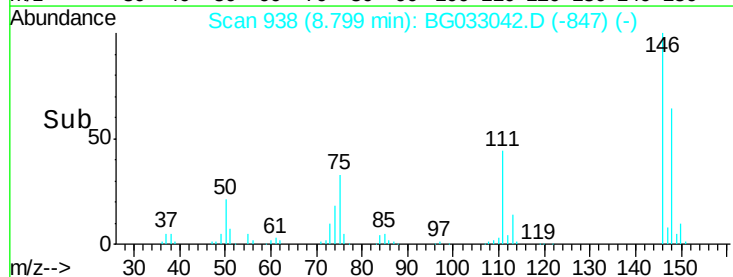
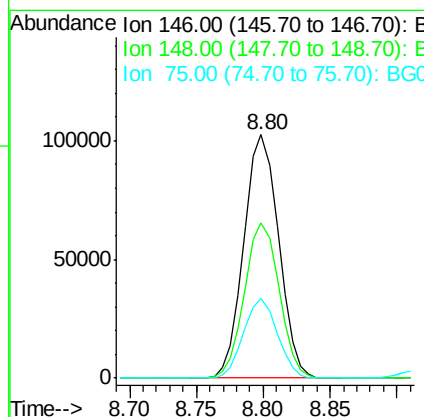
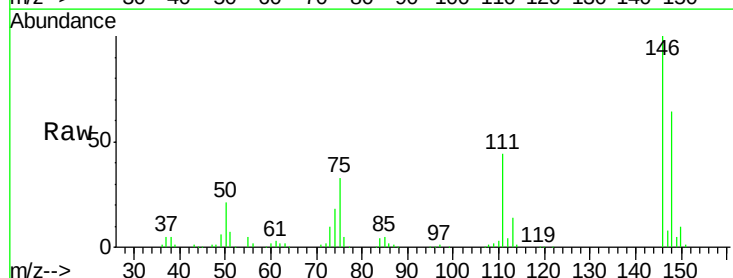
Instrument :
BNA_G
ClientSampleId :

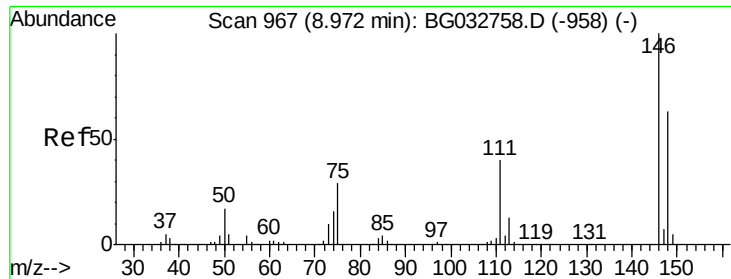
Tot Ion: 93 Resp: 176161
Ion Ratio Lower Upper
93 100
63 84.2 67.1 107.1
95 31.9 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 40.854 ng
RT: 8.80 min Scan# 938
Delta R.T. 0.00 min
Lab File: BG033042.D
Acq: 8 Mar 2018 15:59

Tgt Ion: 146 Resp: 185267
Ion Ratio Lower Upper
146 100
148 63.8 51.4 77.2
75 32.6 26.6 39.8

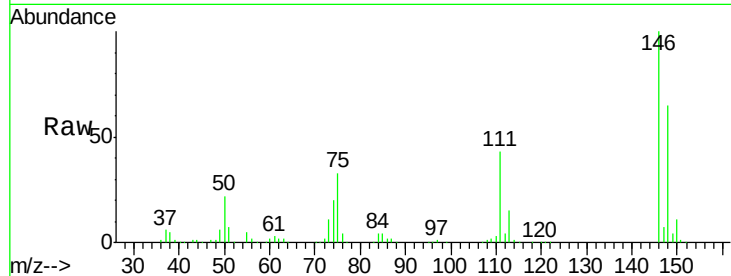




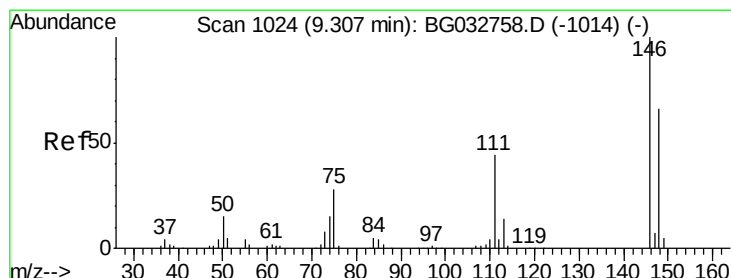
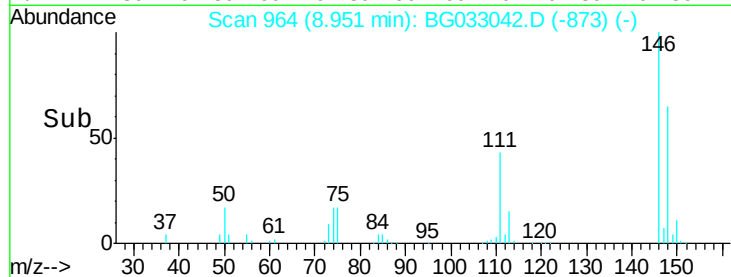
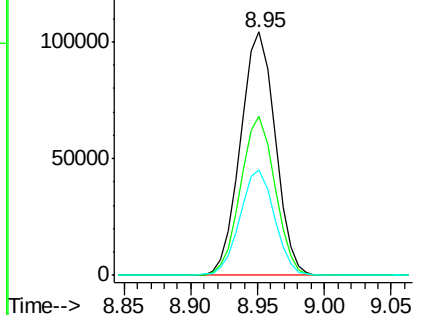
#13
 1,4-Dichlorobenzene
 Concen: 41.121 ng
 RT: 8.95 min Scan# 964
 Delta R.T. 0.00 min
 Lab File: BG033042.D
 Acq: 8 Mar 2018 15:59

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 187707
 Ion Ratio Lower Upper
 146 100
 148 65.1 53.7 80.5
 111 43.2 35.2 52.8

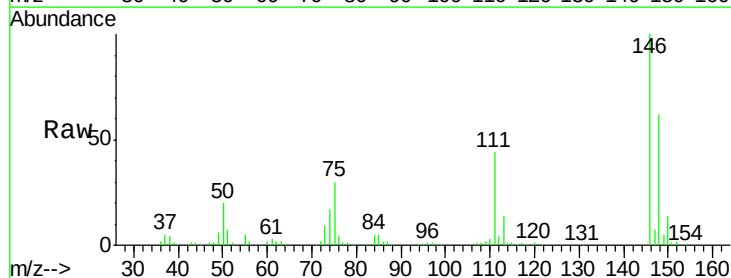


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

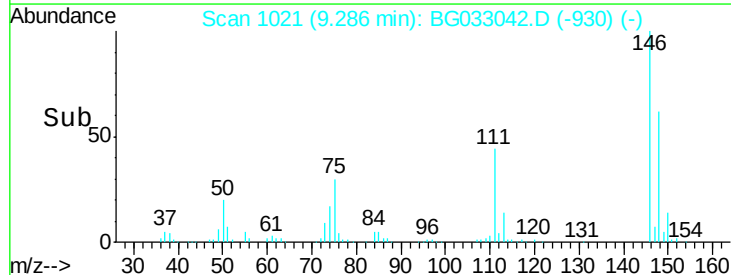
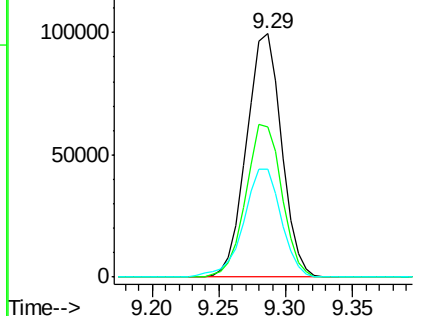


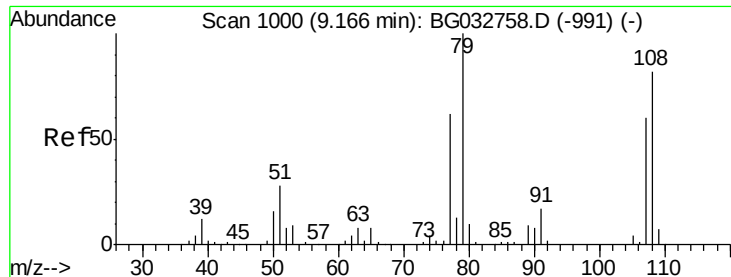
#14
 1,2-Dichlorobenzene
 Concen: 41.328 ng
 RT: 9.29 min Scan# 1021
 Delta R.T. 0.00 min
 Lab File: BG033042.D
 Acq: 8 Mar 2018 15:59

Tgt Ion:146 Resp: 180778
 Ion Ratio Lower Upper
 146 100
 148 61.6 49.3 73.9
 111 44.3 34.3 51.5



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 46.640 ng

RT: 9.15 min Scan# 997

Delta R.T. 0.00 min

Lab File: BG033042.D

Acq: 8 Mar 2018 15:59

Instrument :

BNA_G

ClientSampleId :

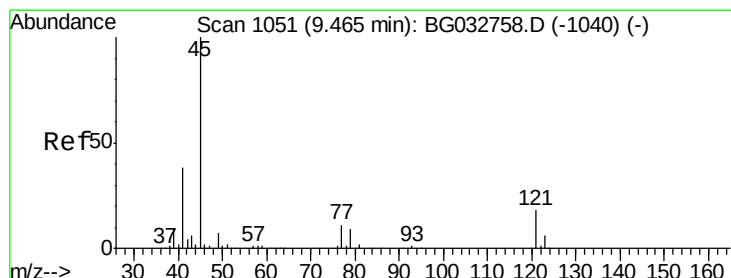
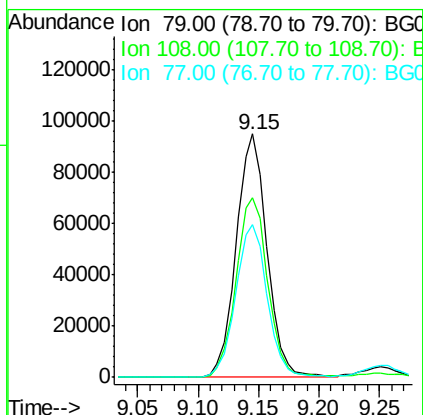
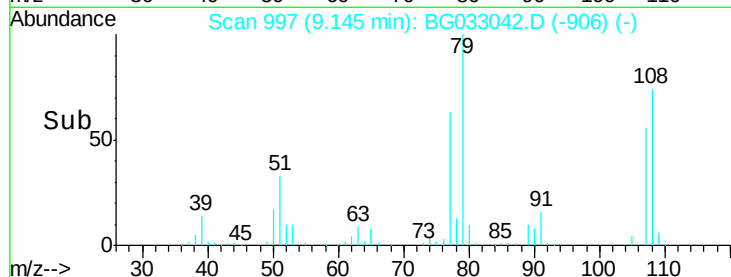
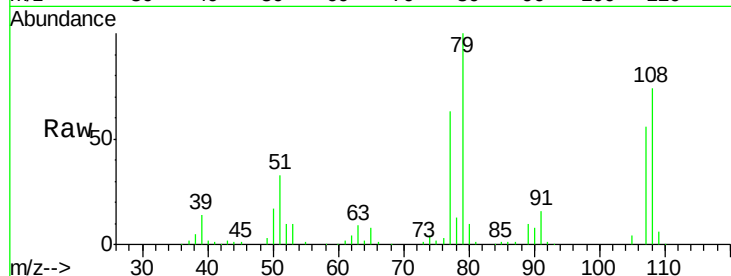
Tot Ion: 79 Resp: 169058

Ion Ratio Lower Upper

79 100

108 74.0 57.2 85.8

77 62.9 46.1 69.1



#16

2,2'-oxybis(1-chloropropane)

Concen: 50.006 ng

RT: 9.44 min Scan# 1047

Delta R.T. 0.00 min

Lab File: BG033042.D

Acq: 8 Mar 2018 15:59

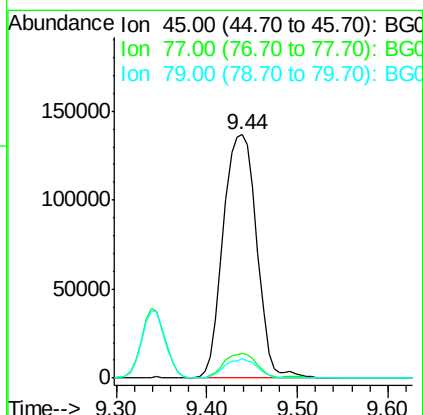
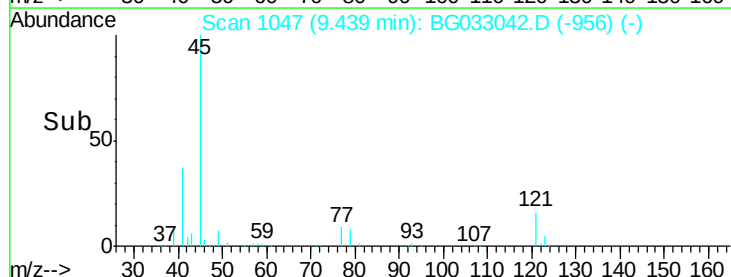
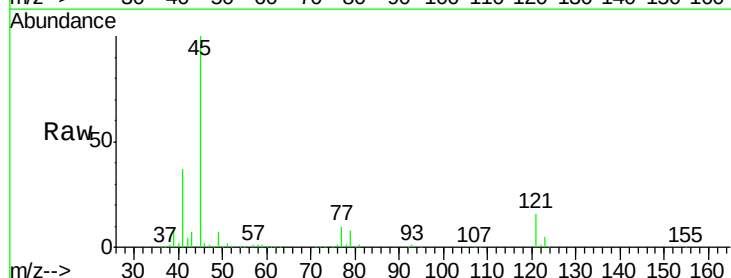
Tgt Ion: 45 Resp: 349376

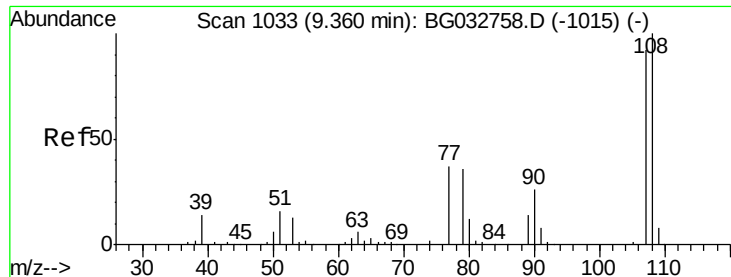
Ion Ratio Lower Upper

45 100

77 10.0 0.0 30.2

79 8.2 0.0 27.9





#17

2-Methylphenol

Concen: 43.117 ng

RT: 9.34 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BG033042.D

Acq: 8 Mar 2018 15:59

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 158026

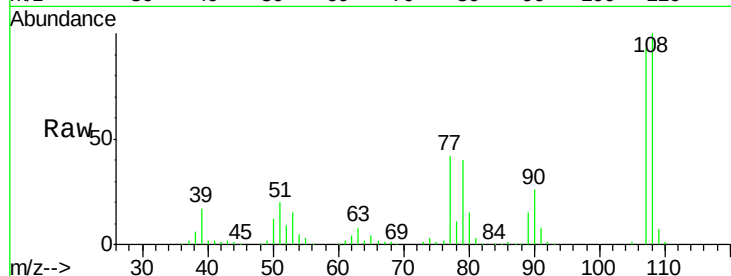
Ion Ratio Lower Upper

107 100

108 107.7 83.9 125.9

77 44.9 37.2 55.8

79 43.3 36.2 54.2

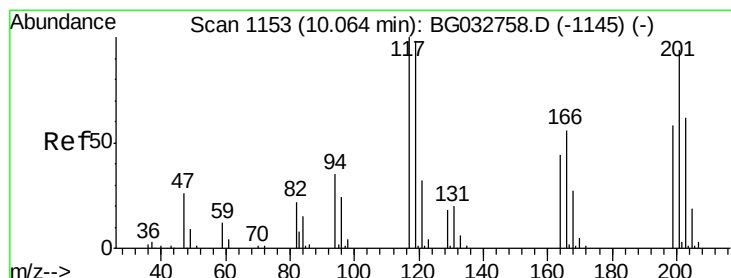
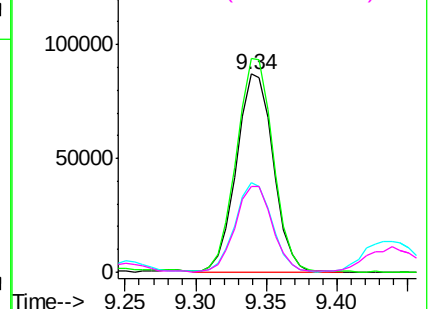
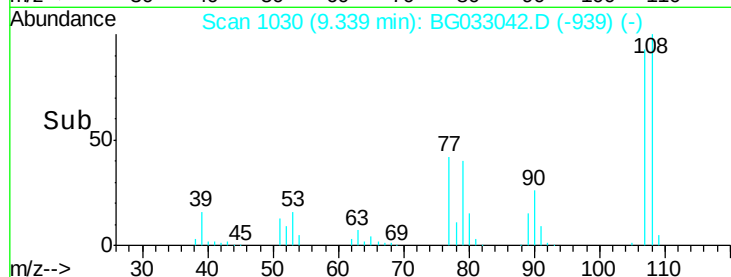


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 44.962 ng

RT: 10.04 min Scan# 1150

Delta R.T. 0.00 min

Lab File: BG033042.D

Acq: 8 Mar 2018 15:59

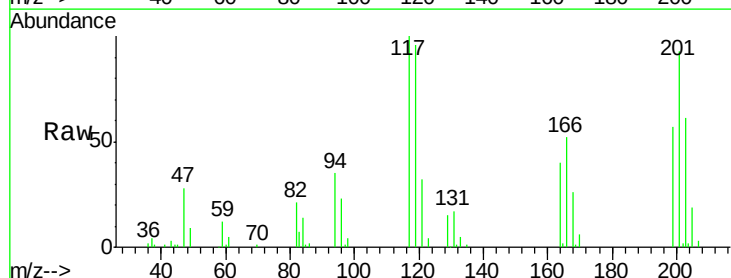
Tgt Ion:117 Resp: 69880

Ion Ratio Lower Upper

117 100

119 96.2 76.7 115.1

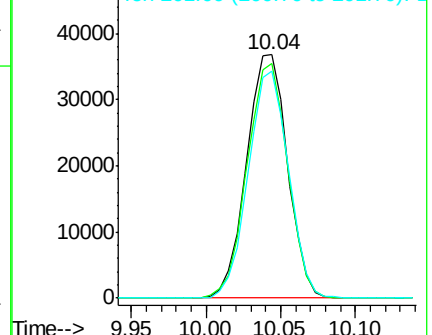
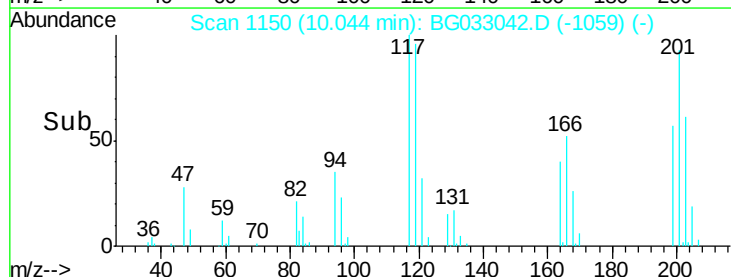
201 93.1 95.7 143.5#

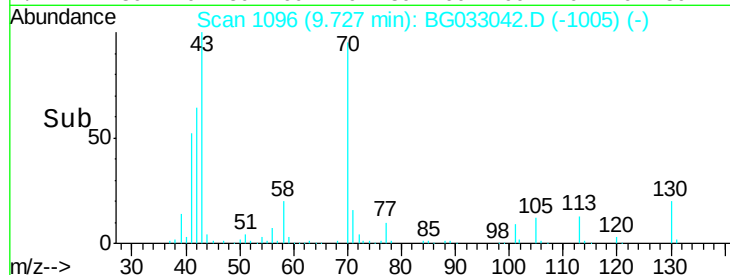
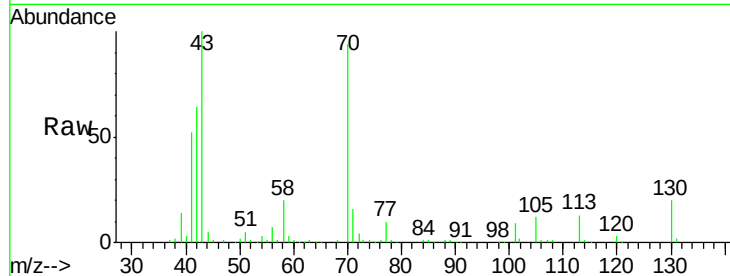
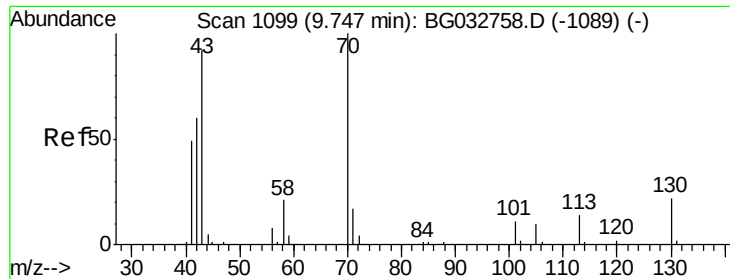


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

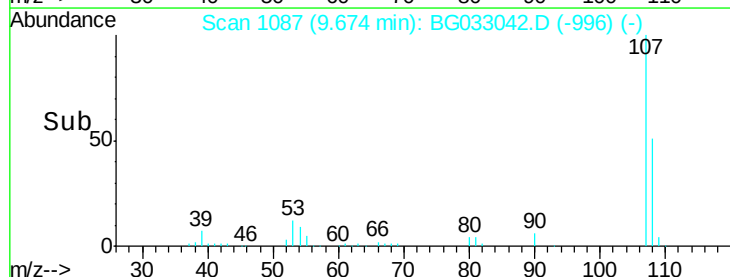
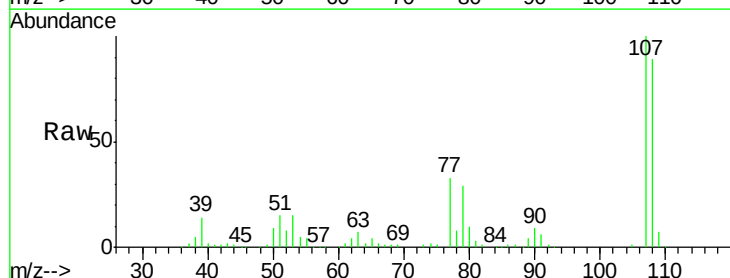
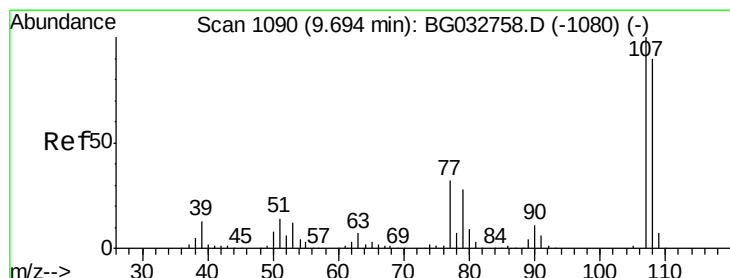
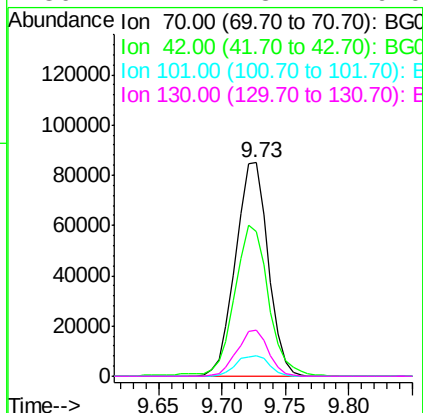




#19
n-Nitroso-di-n-propylamine
Concen: 43.553 ng
RT: 9.73 min Scan# 1096
Delta R.T. 0.00 min
Lab File: BG033042.D
Acq: 8 Mar 2018 15:59

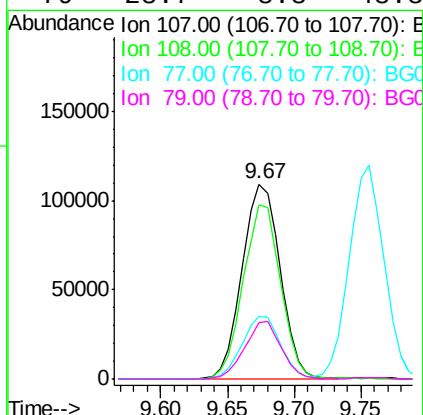
Instrument :
BNA_G
ClientSampleId :

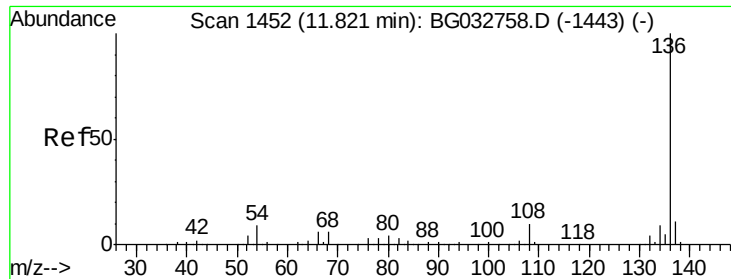
Tot Ion: 70 Resp: 151602
Ion Ratio Lower Upper
70 100
42 67.6 49.1 73.7
101 9.8 8.5 12.7
130 21.4 13.4 20.0#



#20
3+4-Methylphenols
Concen: 42.350 ng
RT: 9.67 min Scan# 1087
Delta R.T. 0.00 min
Lab File: BG033042.D
Acq: 8 Mar 2018 15:59

Tgt Ion: 107 Resp: 215818
Ion Ratio Lower Upper
107 100
108 89.2 61.6 101.6
77 32.5 13.9 53.9
79 28.7 8.8 48.8

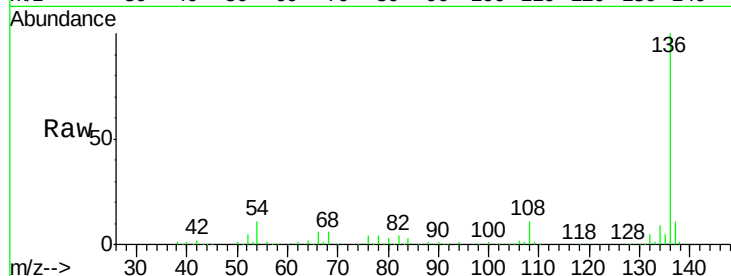




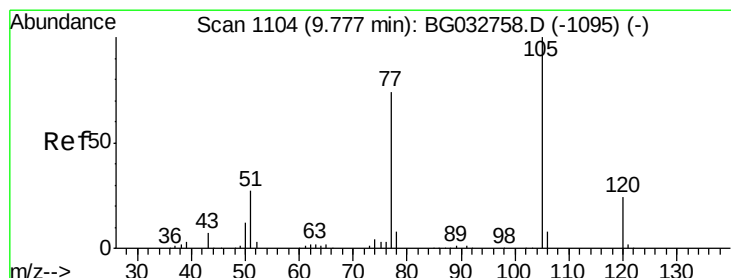
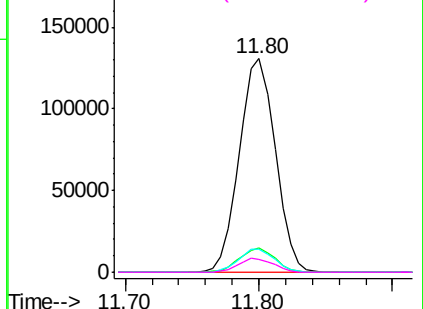
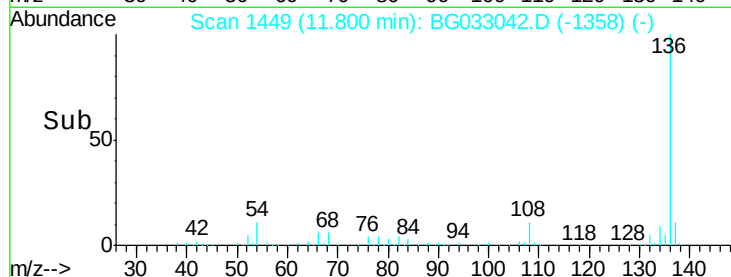
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.80 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BG033042.D
Acq: 8 Mar 2018 15:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	244728
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.2 13.8
54	10.6	10.3 15.5
68	6.3	4.5 6.7

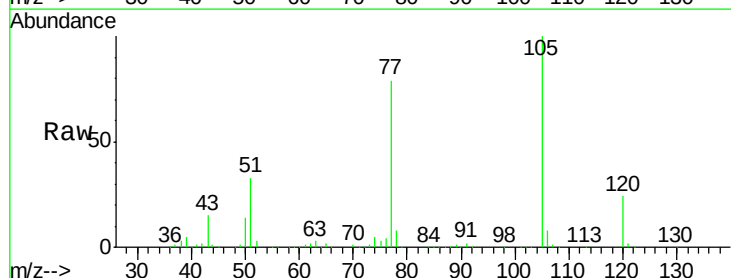


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

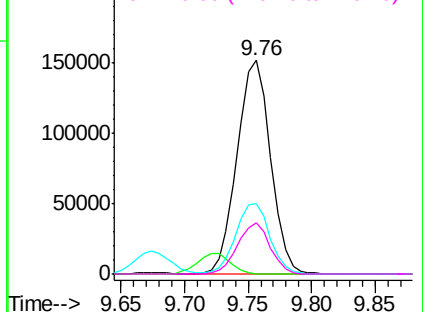
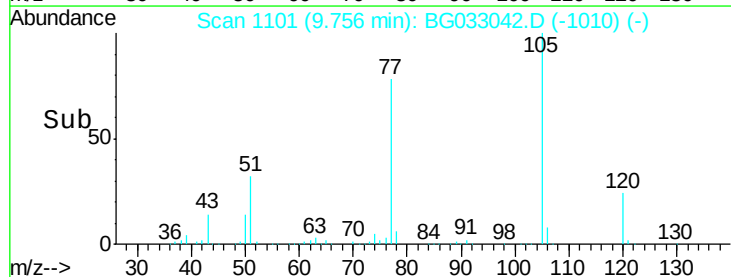


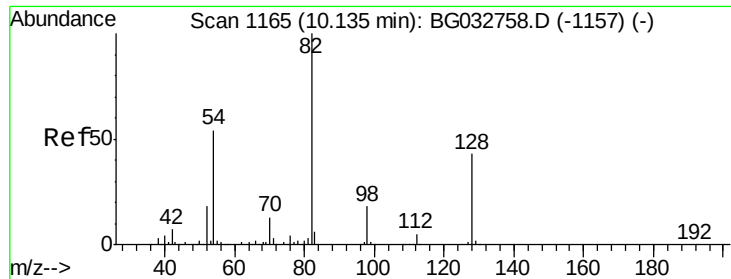
#22
Acetophenone
Concen: 45.023 ng
RT: 9.76 min Scan# 1101
Delta R.T. 0.00 min
Lab File: BG033042.D
Acq: 8 Mar 2018 15:59

Tgt Ion:105	Resp:	278268
Ion Ratio	Lower	Upper
105	100	
71	0.3	3.0 4.4#
51	32.7	26.1 39.1
120	23.8	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

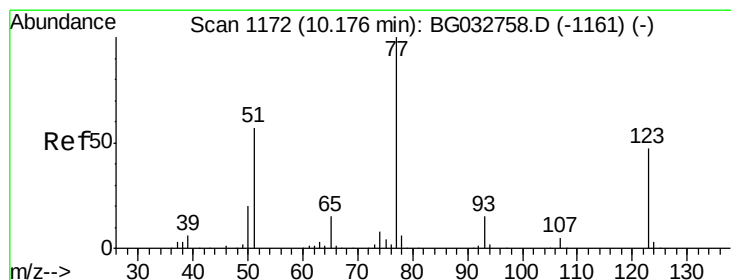
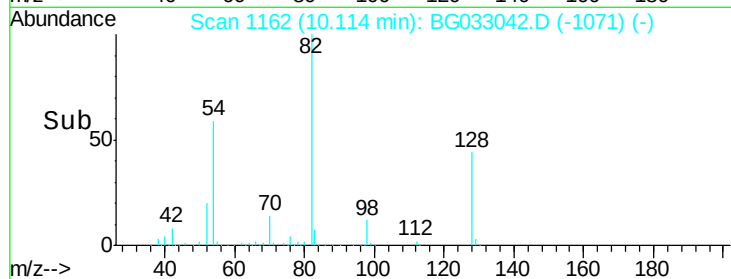
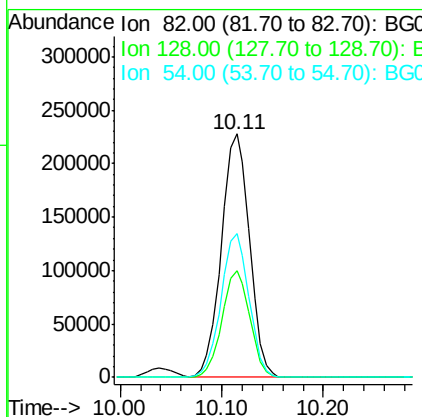
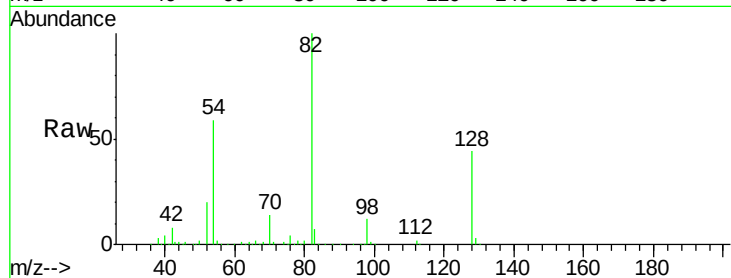




#23
 Nitrobenzene-d5
 Concen: 119.677 ng
 RT: 10.11 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: BG033042.D
 Acq: 8 Mar 2018 15:59

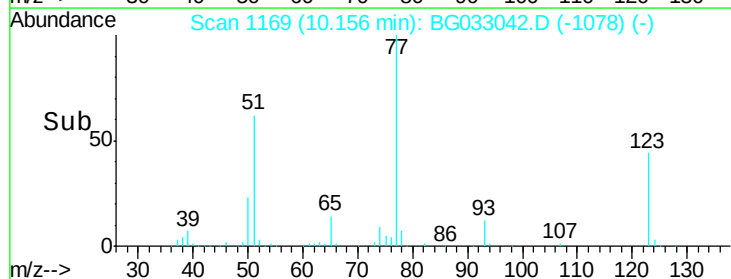
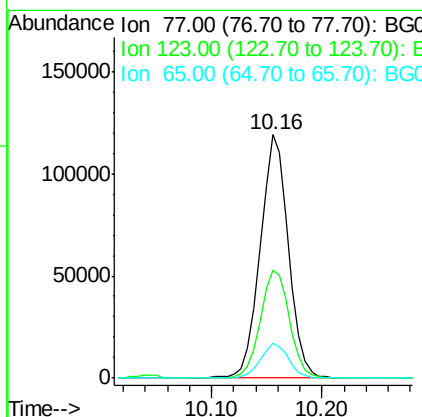
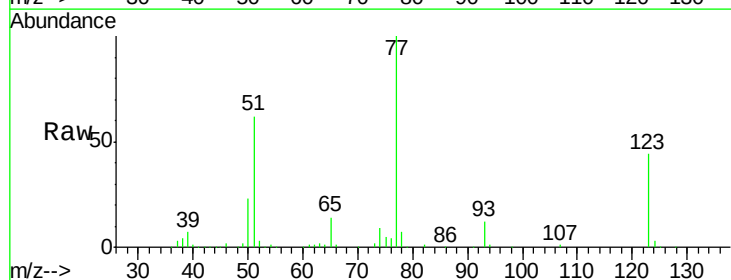
Instrument :
 BNA_G
 ClientSampled :

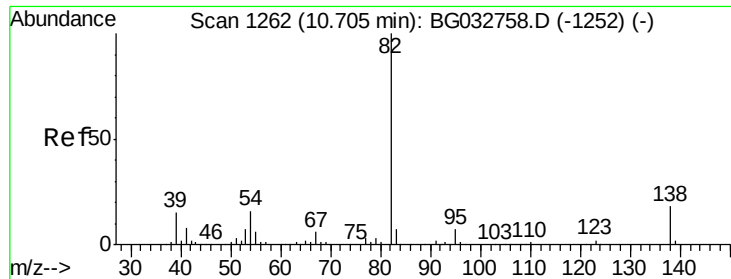
Tot Ion	82	Resp	438197
Ion Ratio	100	Lower	Upper
128	44.0	29.7	44.5
54	59.1	43.1	64.7



#24
 Nitrobenzene
 Concen: 53.680 ng
 RT: 10.16 min Scan# 1169
 Delta R.T. 0.00 min
 Lab File: BG033042.D
 Acq: 8 Mar 2018 15:59

Tgt Ion	77	Resp	212900
Ion Ratio	100	Lower	Upper
123	44.2	33.0	49.6
65	14.4	13.0	19.6





#25

Isophorone

Concen: 47.556 ng

RT: 10.68 min Scan# 1258

Delta R.T. 0.00 min

Lab File: BG033042.D

Acq: 8 Mar 2018 15:59

Instrument :

BNA_G

ClientSampleId :

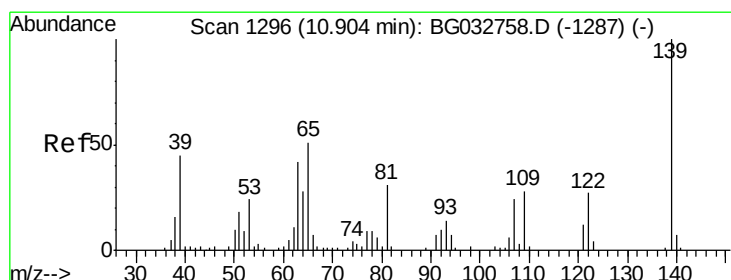
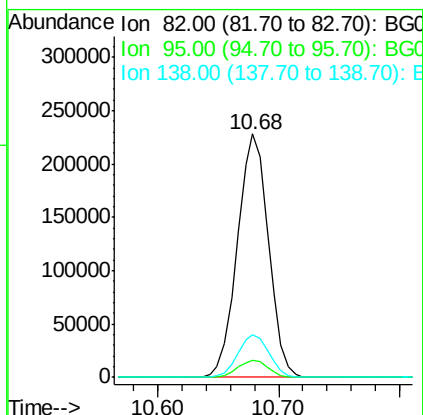
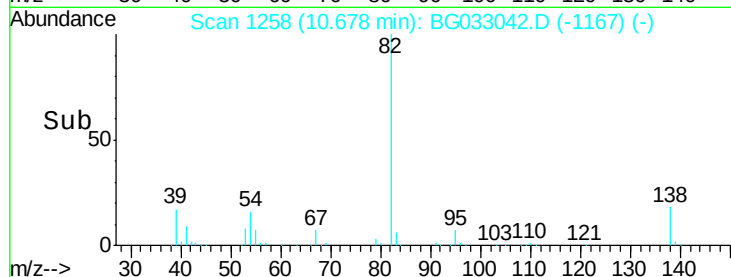
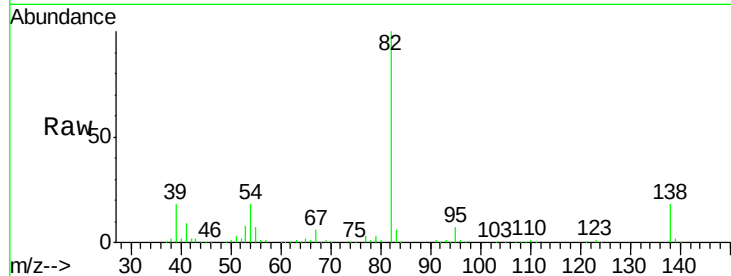
Tot Ion: 82 Resp: 408498

Ion Ratio Lower Upper

82 100

95 7.1 6.2 9.2

138 17.5 12.1 18.1



#26

2-Nitrophenol

Concen: 63.683 ng

RT: 10.88 min Scan# 1293

Delta R.T. 0.00 min

Lab File: BG033042.D

Acq: 8 Mar 2018 15:59

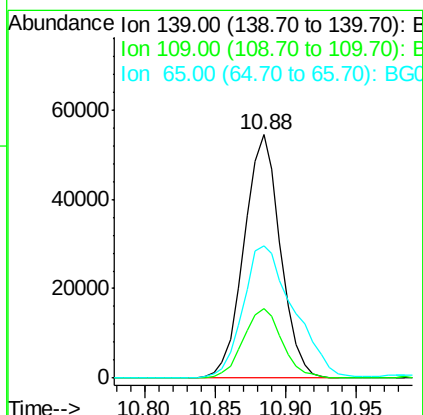
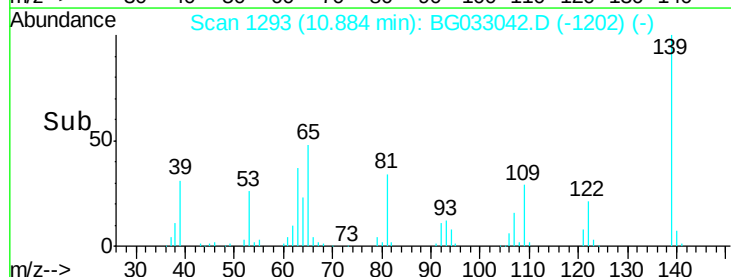
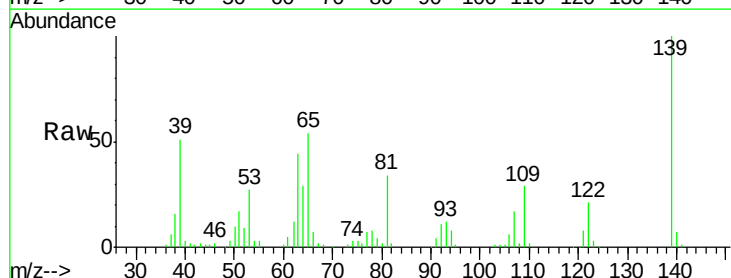
Tgt Ion: 139 Resp: 98045

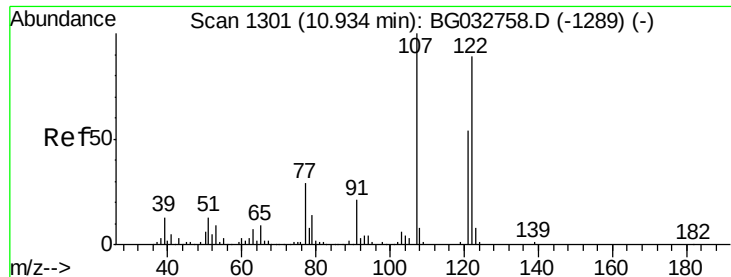
Ion Ratio Lower Upper

139 100

109 28.8 24.2 36.2

65 54.4 47.4 71.0

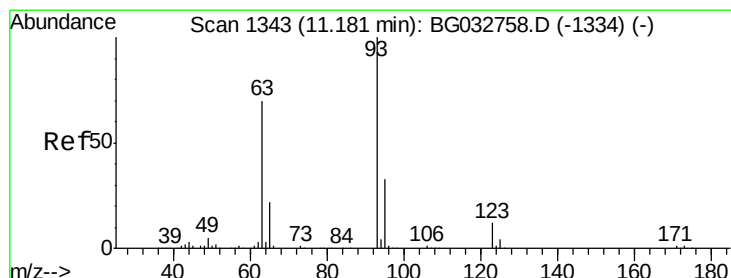
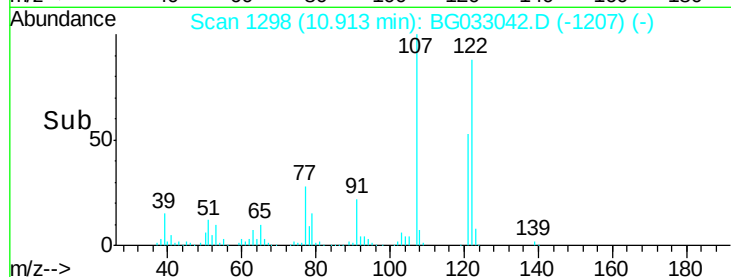
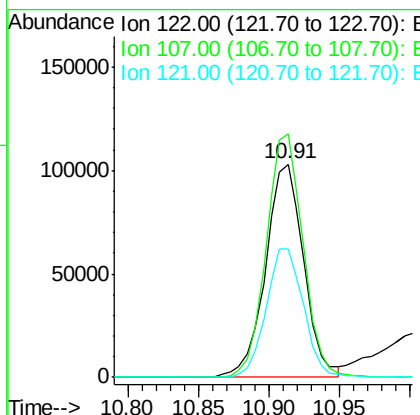
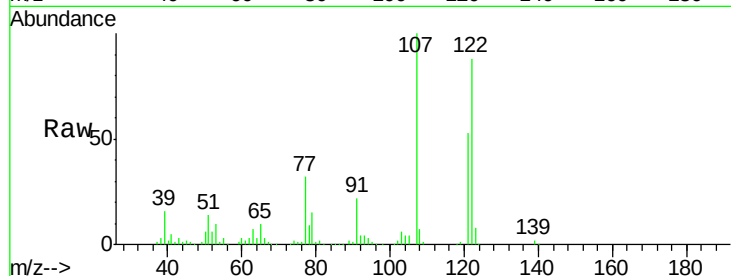




#27
 2,4-Dimethylphenol
 Concen: 52.291 ng
 RT: 10.91 min Scan# 1298
 Delta R.T. 0.00 min
 Lab File: BG033042.D
 Acq: 8 Mar 2018 15:59

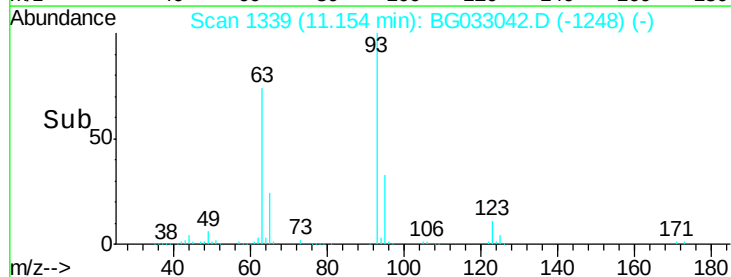
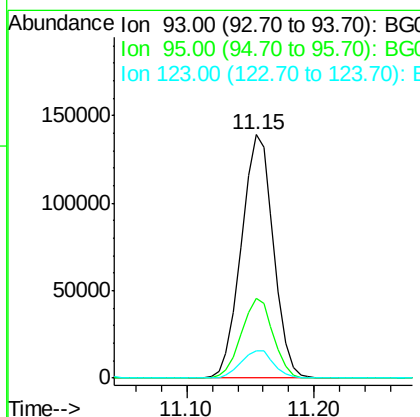
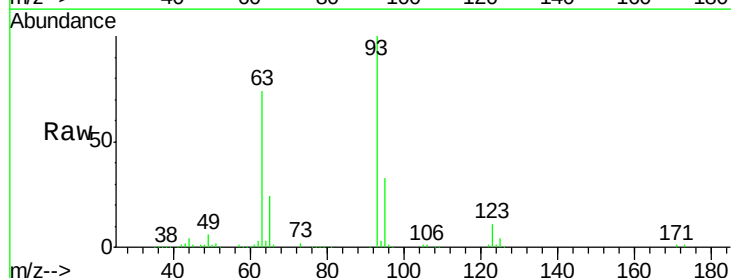
Instrument :
 BNA_G
 ClientSampleId :

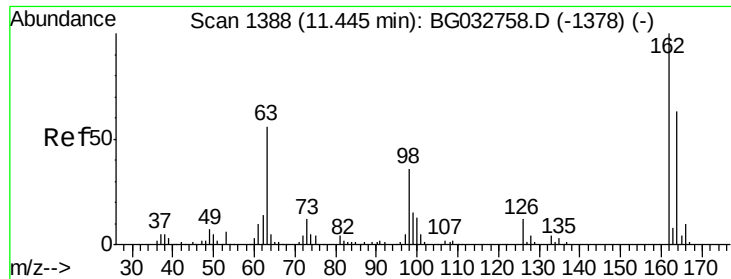
Tot Ion:122 Resp: 195124
 Ion Ratio Lower Upper
 122 100
 107 114.3 100.2 150.2
 121 60.3 44.4 66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 48.705 ng
 RT: 11.15 min Scan# 1339
 Delta R.T. 0.00 min
 Lab File: BG033042.D
 Acq: 8 Mar 2018 15:59

Tgt Ion: 93 Resp: 243725
 Ion Ratio Lower Upper
 93 100
 95 32.6 24.3 36.5
 123 11.5 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 51.150 ng

RT: 11.42 min Scan# 1385

Delta R.T. 0.00 min

Lab File: BG033042.D

Acq: 8 Mar 2018 15:59

Instrument :

BNA_G

ClientSampleId :

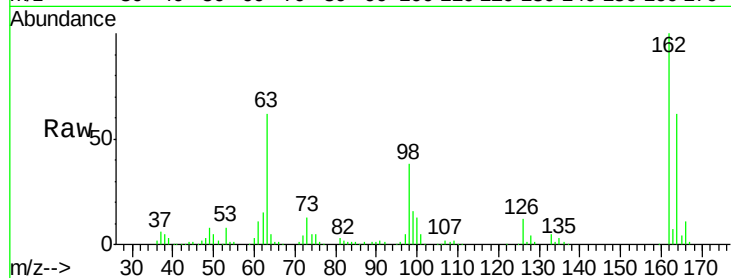
Tot Ion:162 Resp: 173230

Ion Ratio Lower Upper

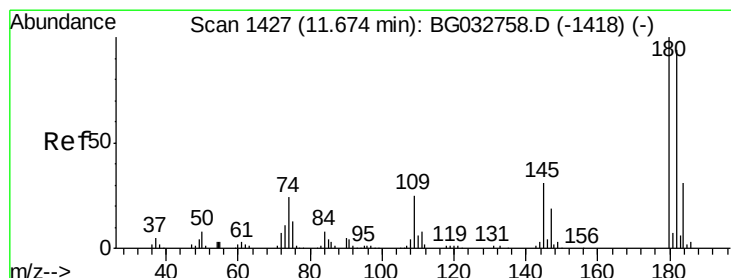
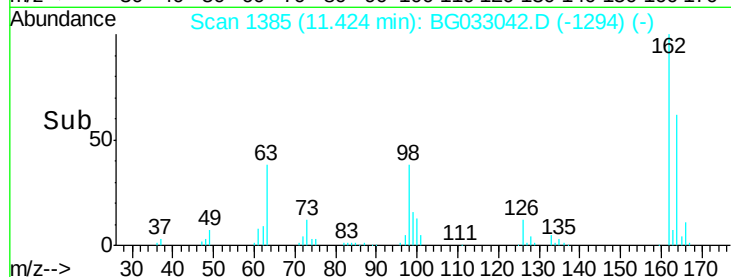
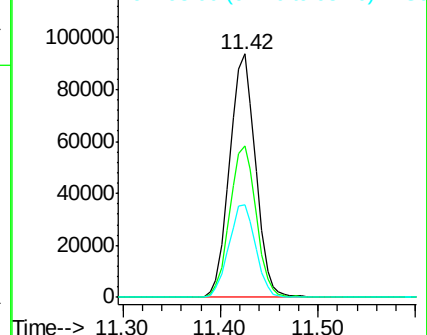
162 100

164 61.9 48.0 88.0

98 38.0 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: 43.241 ng

RT: 11.65 min Scan# 1424

Delta R.T. 0.00 min

Lab File: BG033042.D

Acq: 8 Mar 2018 15:59

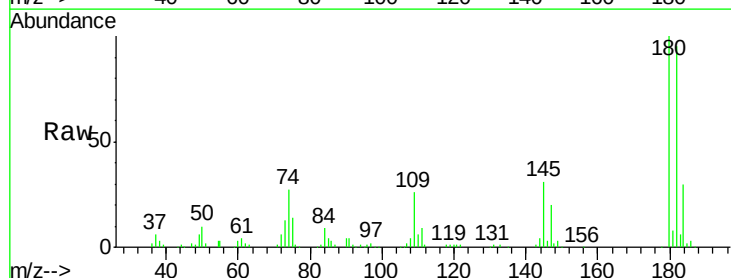
Tgt Ion:180 Resp: 171664

Ion Ratio Lower Upper

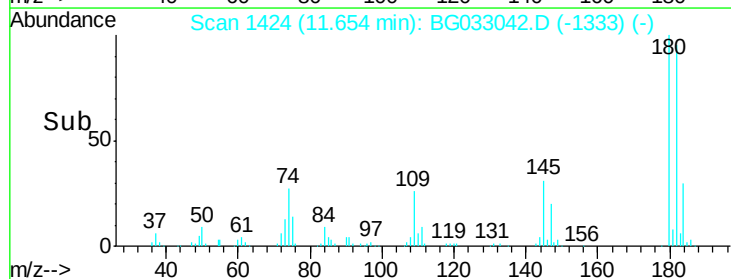
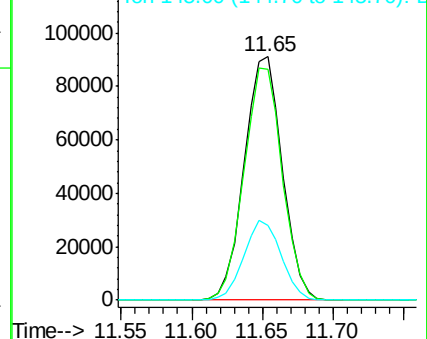
180 100

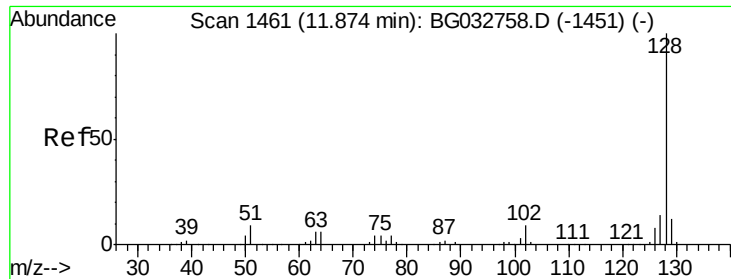
182 95.0 77.5 116.3

145 30.6 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

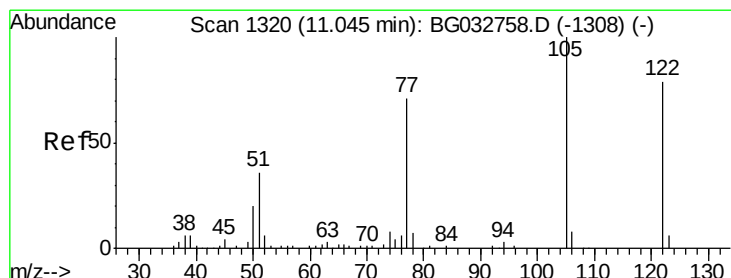
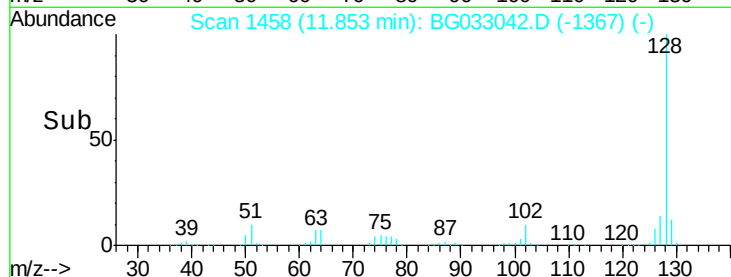
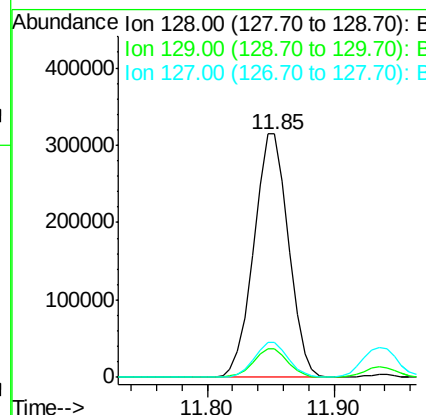
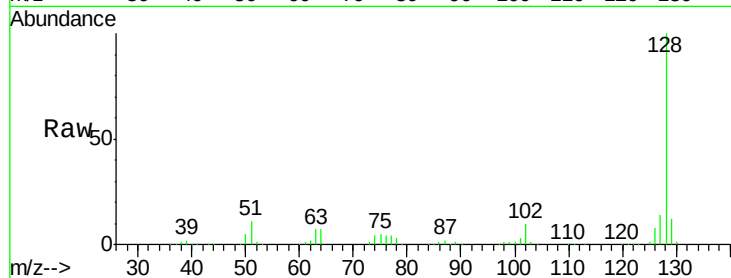




#31
Naphthalene
Concen: 46.845 ng
RT: 11.85 min Scan# 1458
Delta R.T. 0.00 min
Lab File: BG033042.D
Acq: 8 Mar 2018 15:59

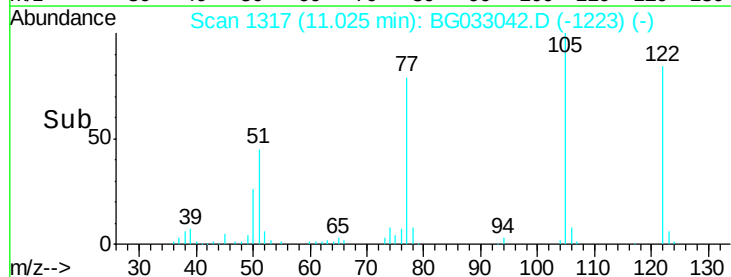
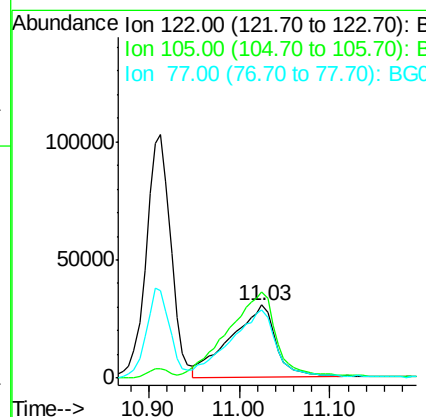
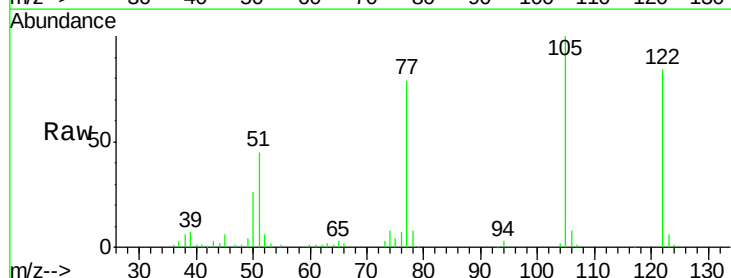
Instrument :
BNA_G
ClientSampleId :

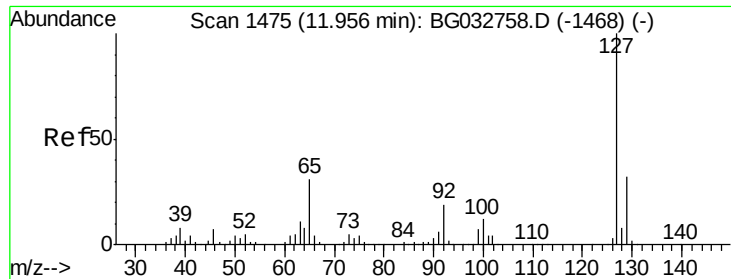
Tot Ion:128 Resp: 599047
Ion Ratio Lower Upper
128 100
129 11.6 8.6 12.8
127 14.5 11.6 17.4



#32
Benzoic acid
Concen: 45.826 ng
RT: 11.03 min Scan# 1317
Delta R.T. 0.02 min
Lab File: BG033042.D
Acq: 8 Mar 2018 15:59

Tgt Ion:122 Resp: 104296
Ion Ratio Lower Upper
122 100
105 118.4 123.5 163.5#
77 93.0 85.7 125.7

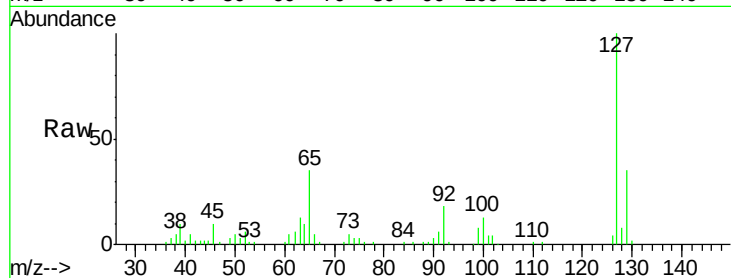




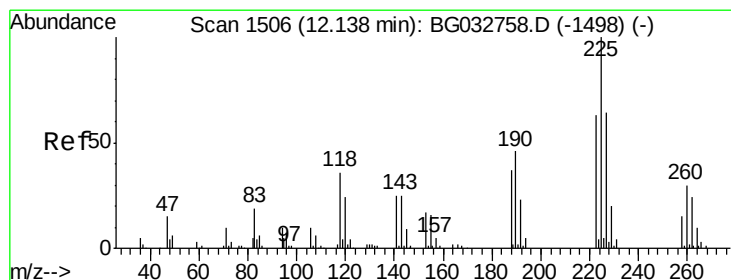
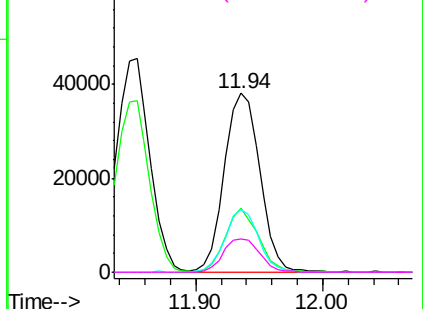
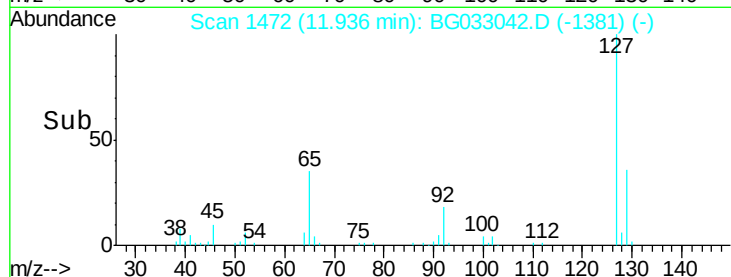
#33
4-Chloroaniline
Concen: 12.994 ng
RT: 11.94 min Scan# 1472
Delta R.T. 0.00 min
Lab File: BG033042.D
Acq: 8 Mar 2018 15:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127 Resp: 74299
Ion Ratio Lower Upper
127 100
129 35.4 24.0 36.0
65 35.0 27.0 40.4
92 18.4 16.6 25.0

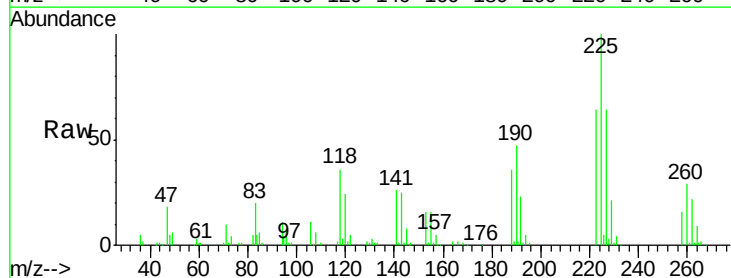


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

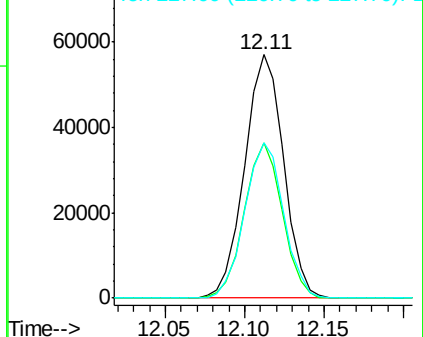
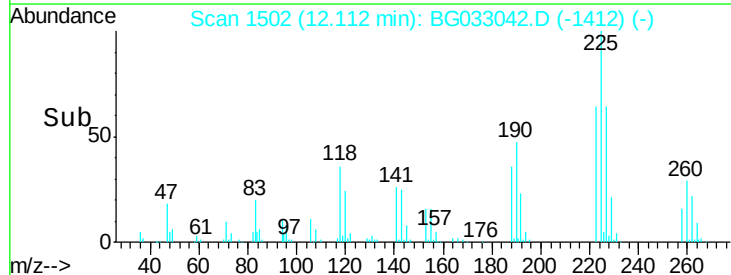


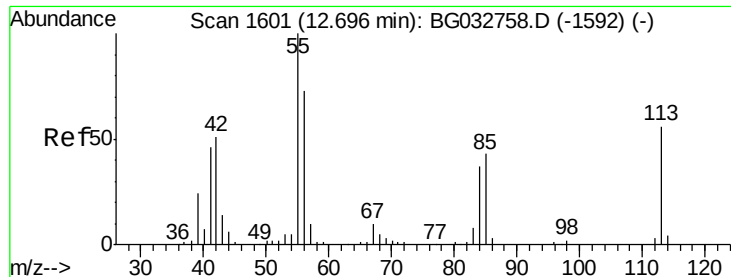
#34
Hexachlorobutadiene
Concen: 43.770 ng
RT: 12.11 min Scan# 1502
Delta R.T. -0.00 min
Lab File: BG033042.D
Acq: 8 Mar 2018 15:59

Tgt Ion:225 Resp: 97467
Ion Ratio Lower Upper
225 100
223 64.0 49.7 74.5
227 63.6 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: 35.314 ng

RT: 12.68 min Scan# 1599

Delta R.T. 0.00 min

Lab File: BG033042.D

Acq: 8 Mar 2018 15:59

Instrument :

BNA_G

ClientSampleId :

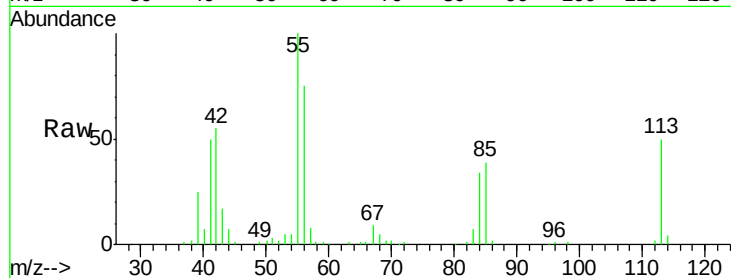
Tot Ion:113 Resp: 47888

Ion Ratio Lower Upper

113 100

55 198.1 186.9 226.9

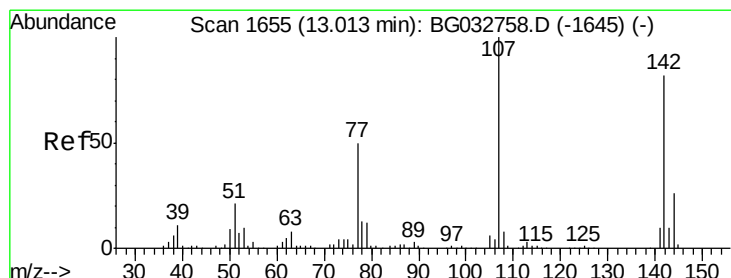
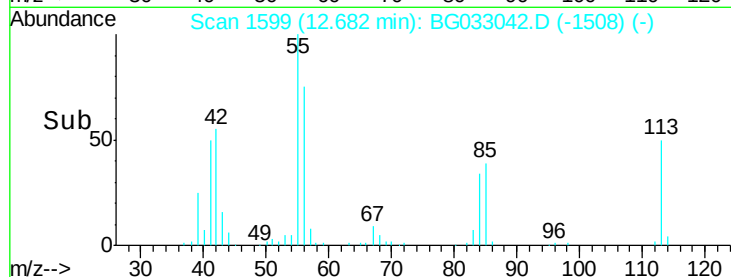
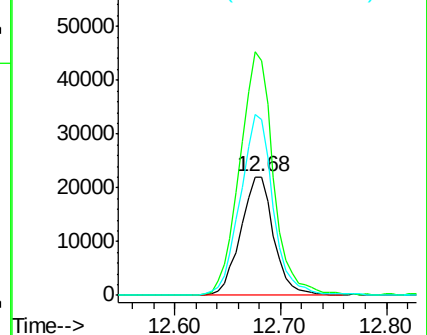
56 148.9 130.9 170.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 52.071 ng

RT: 12.99 min Scan# 1652

Delta R.T. -0.00 min

Lab File: BG033042.D

Acq: 8 Mar 2018 15:59

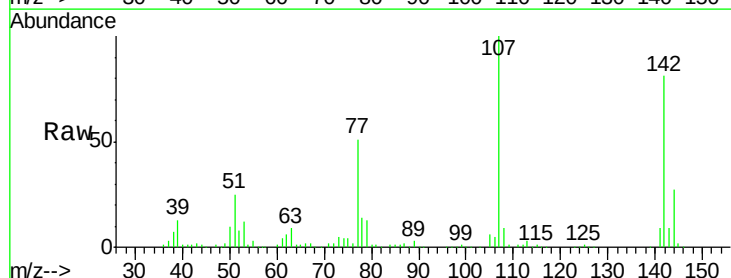
Tgt Ion:107 Resp: 205217

Ion Ratio Lower Upper

107 100

144 27.0 18.2 27.4

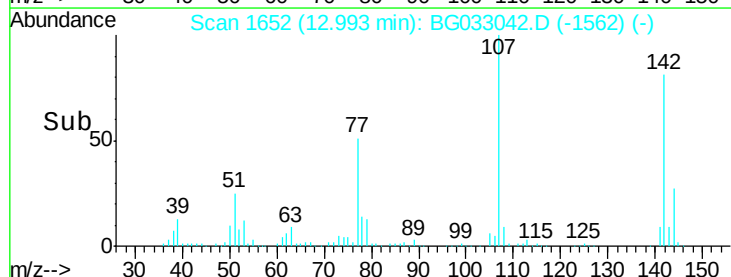
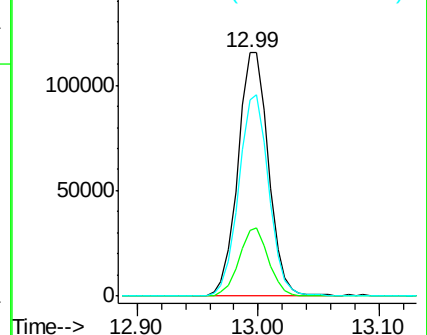
142 80.7 59.0 88.4

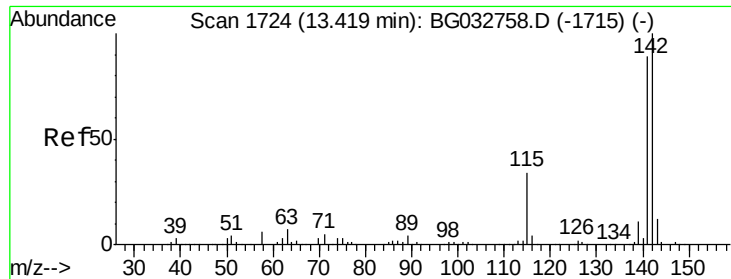


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

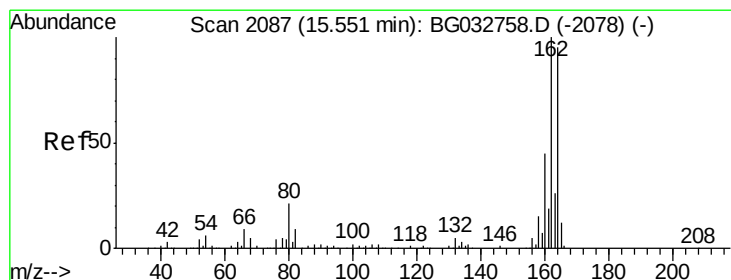
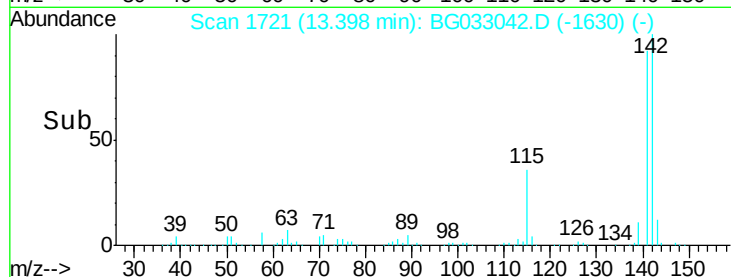
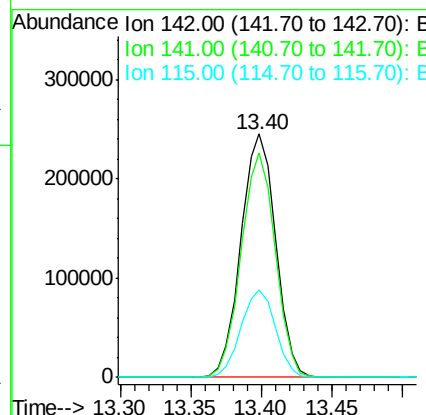
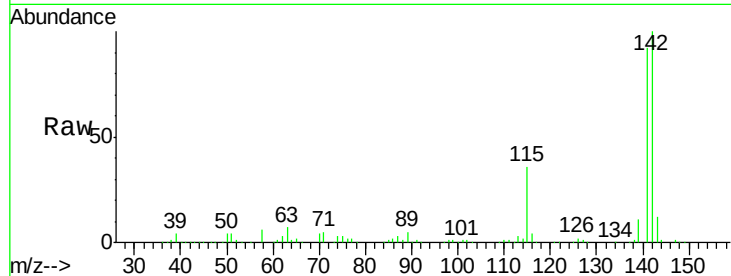




#37
2-Methylnaphthalene
Concen: 45.522 ng
RT: 13.40 min Scan# 1721
Delta R.T. 0.00 min
Lab File: BG033042.D
Acq: 8 Mar 2018 15:59

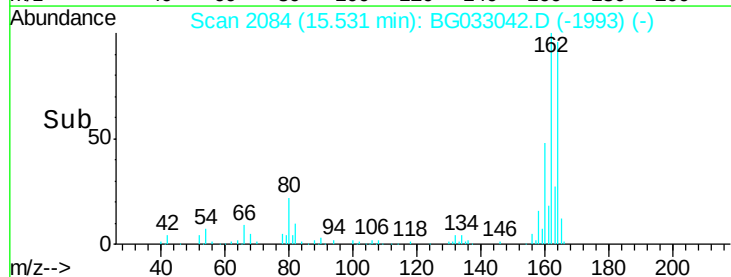
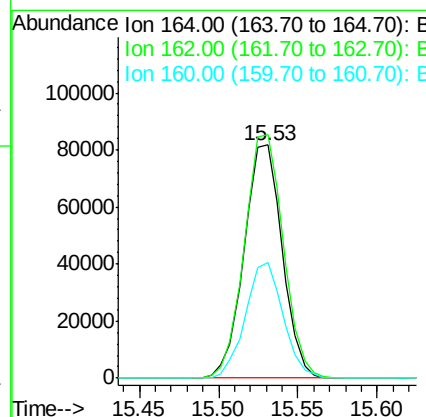
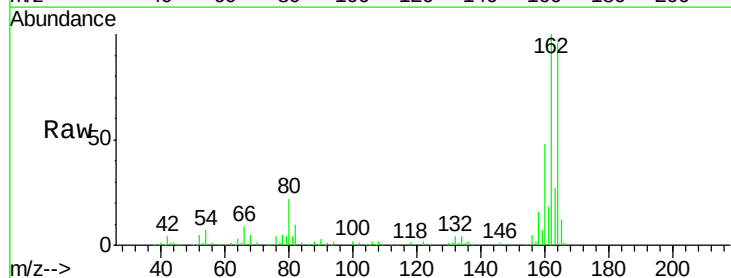
Instrument :
BNA_G
ClientSampleId :

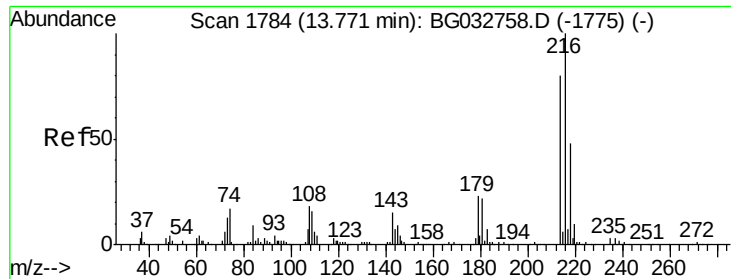
Tot Ion:142 Resp: 421165
Ion Ratio Lower Upper
142 100
141 92.4 67.1 100.7
115 35.8 30.7 46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.53 min Scan# 2084
Delta R.T. 0.00 min
Lab File: BG033042.D
Acq: 8 Mar 2018 15:59

Tgt Ion:164 Resp: 136645
Ion Ratio Lower Upper
164 100
162 104.5 78.8 118.2
160 49.6 35.4 53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.679 ng

RT: 13.75 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BG033042.D

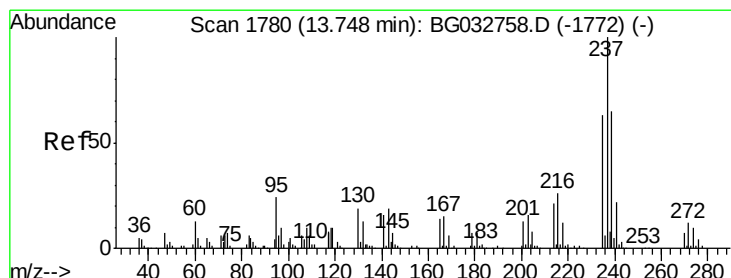
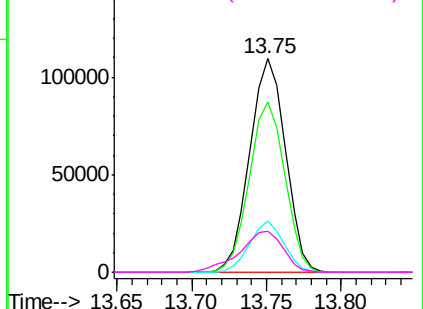
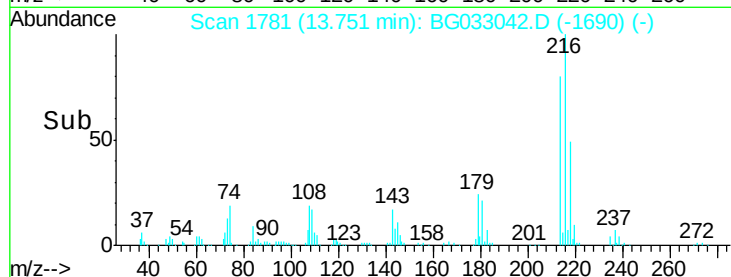
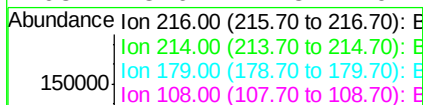
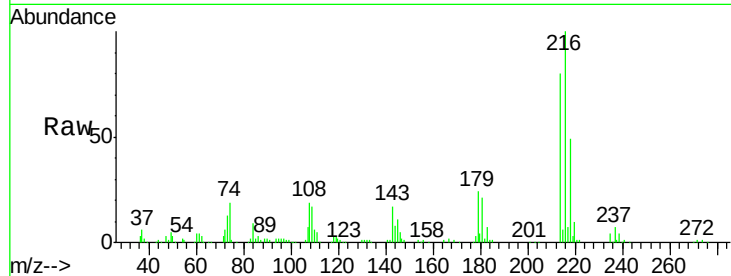
Acq: 8 Mar 2018 15:59

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	216	Resp:	181235
Ion Ratio		Lower	Upper
216	100		
214	79.3	63.0	94.4
179	23.2	17.0	25.6
108	23.6	12.8	19.2#



#40

Hexachlorocyclopentadiene

Concen: 107.301 ng

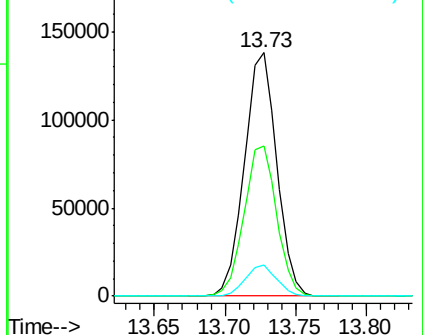
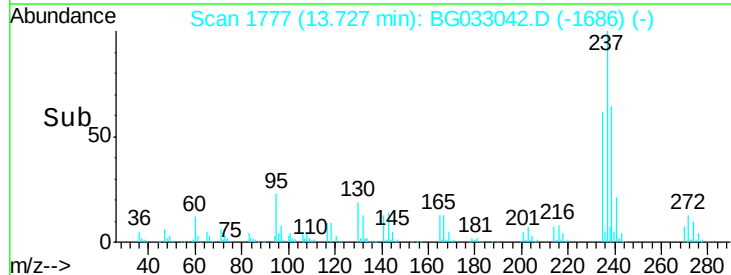
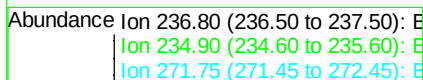
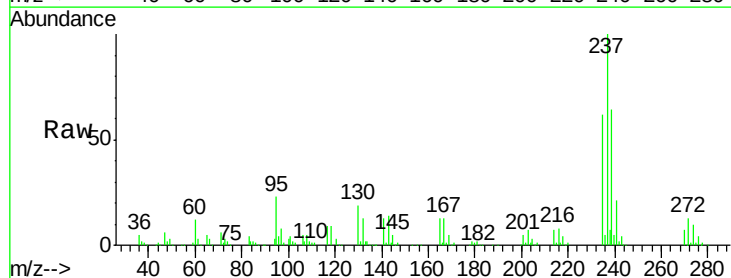
RT: 13.73 min Scan# 1777

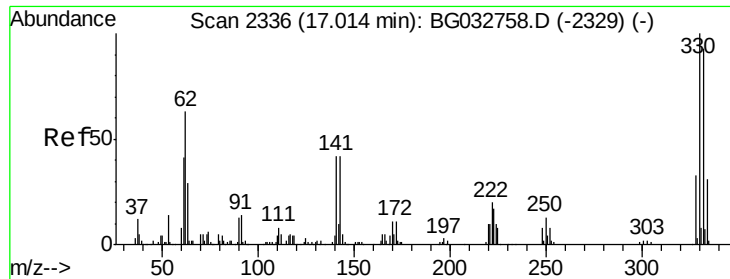
Delta R.T. 0.00 min

Lab File: BG033042.D

Acq: 8 Mar 2018 15:59

Tgt Ion:	237	Resp:	221819
Ion Ratio		Lower	Upper
237	100		
235	61.6	50.4	90.4
272	12.7	0.0	31.8





#41

2,4,6-Tribromophenol

Concen: 169.943 ng

RT: 17.00 min Scan# 2334

Delta R.T. 0.00 min

Lab File: BG033042.D

Acq: 8 Mar 2018 15:59

Instrument :

BNA_G

ClientSampleId :

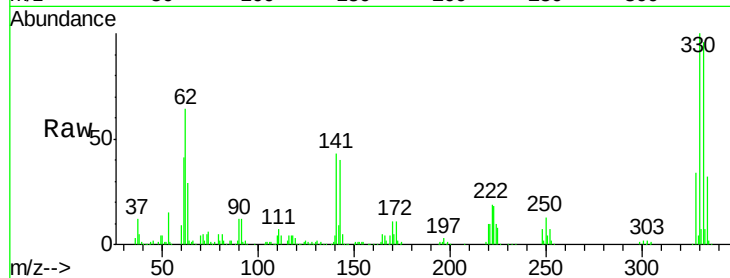
Tot Ion:330 Resp: 244170

Ion Ratio Lower Upper

330 100

332 96.0 77.0 115.6

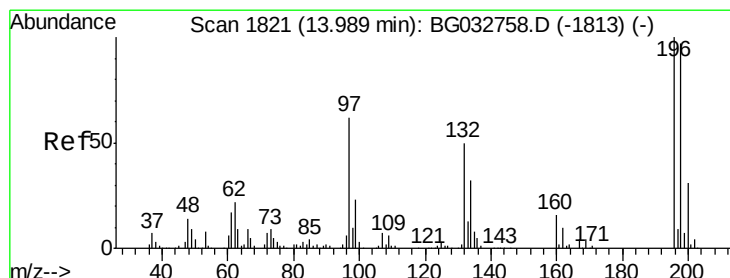
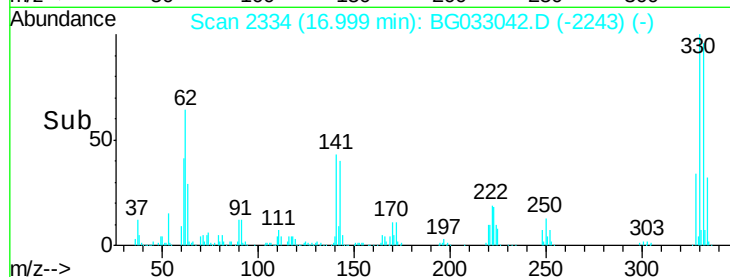
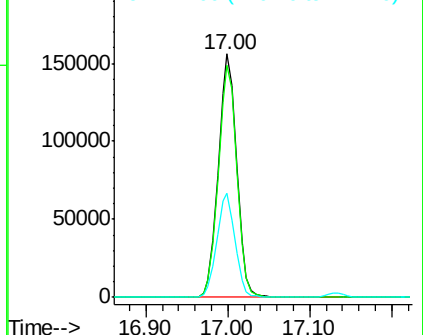
141 42.4 25.2 37.8#



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 52.575 ng

RT: 13.97 min Scan# 1819

Delta R.T. 0.00 min

Lab File: BG033042.D

Acq: 8 Mar 2018 15:59

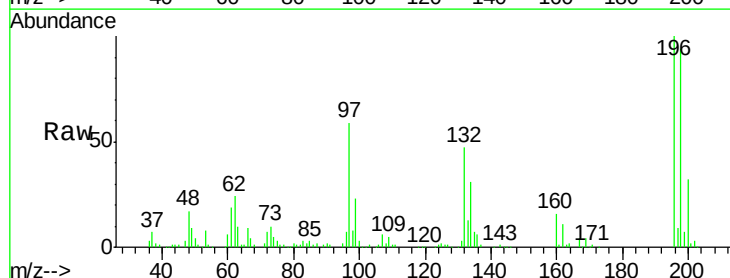
Tgt Ion:196 Resp: 134492

Ion Ratio Lower Upper

196 100

198 94.5 78.2 117.2

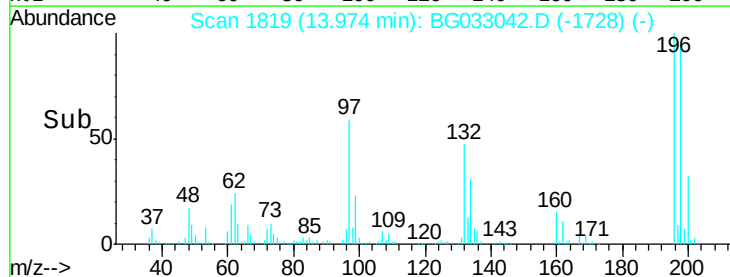
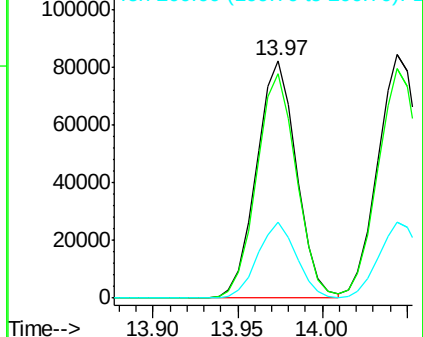
200 31.7 24.6 36.8

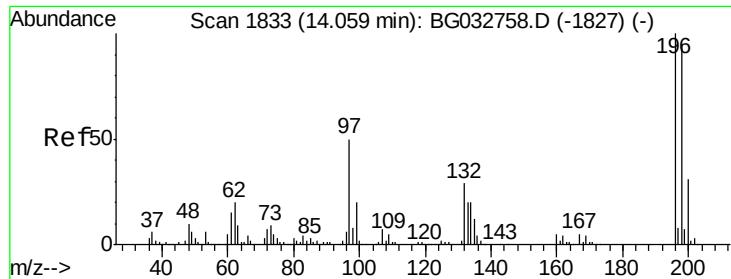


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

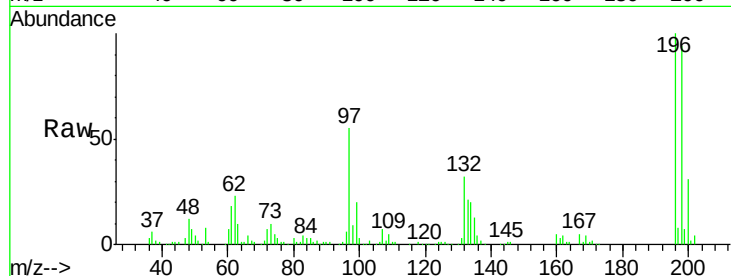




#43
 2,4,5-Trichlorophenol
 Concen: 50.427 ng
 RT: 14.04 min Scan# 1831
 Delta R.T. 0.00 min
 Lab File: BG033042.D
 Acq: 8 Mar 2018 15:59

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.4	76.2	114.4
97	54.6	38.7	58.1
132	32.0	20.2	30.2



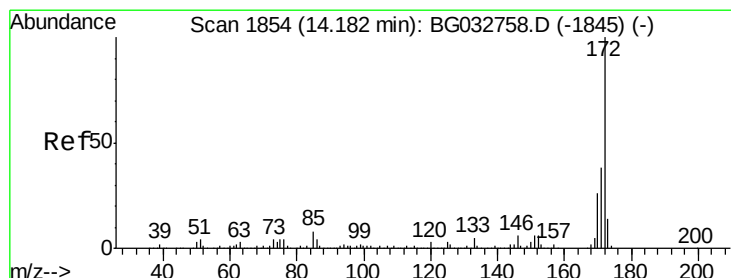
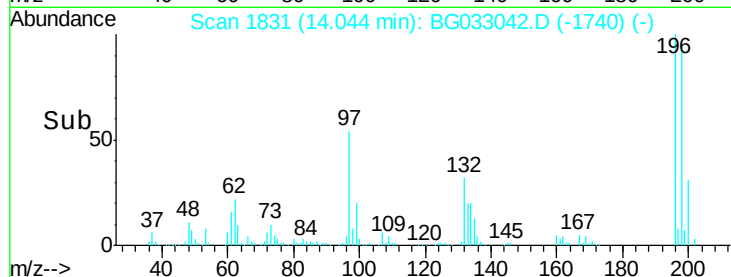
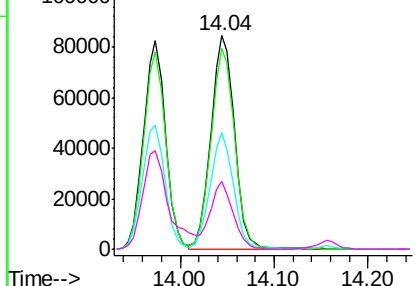
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

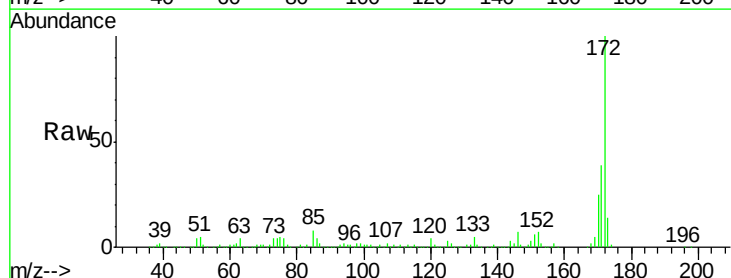
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 95.184 ng
 RT: 14.16 min Scan# 1850
 Delta R.T. 0.00 min
 Lab File: BG033042.D
 Acq: 8 Mar 2018 15:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.1	30.0	45.0
170	25.5	19.5	29.3

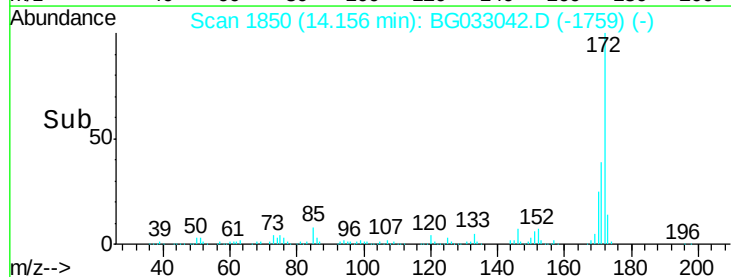
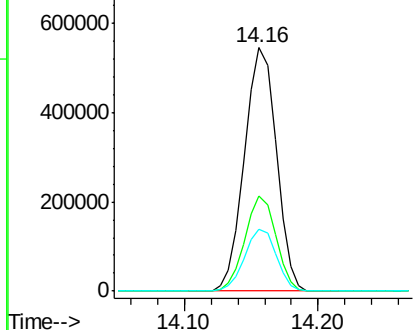


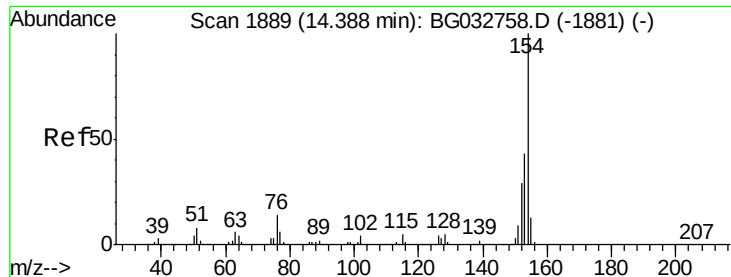
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 44.296 ng

RT: 14.37 min Scan# 1886

Delta R.T. -0.00 min

Lab File: BG033042.D

Acq: 8 Mar 2018 15:59

Instrument :

BNA_G

ClientSampleId :

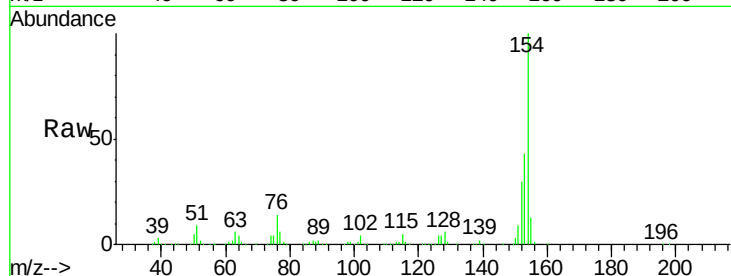
Tot Ion:154 Resp: 528920

Ion Ratio Lower Upper

154 100

153 42.5 19.8 59.8

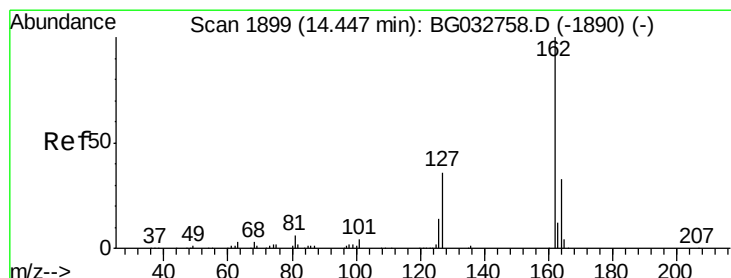
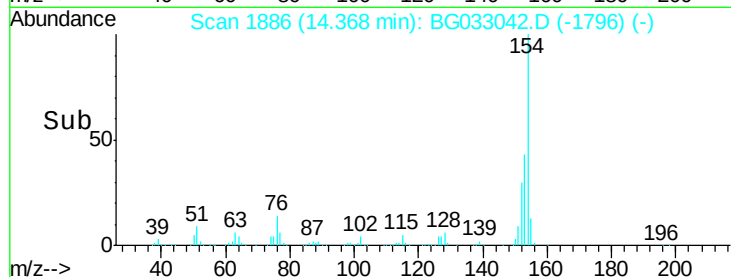
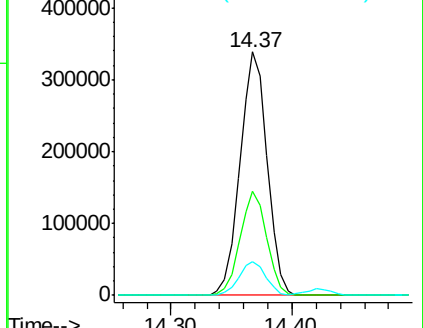
76 13.6 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 44.890 ng

RT: 14.43 min Scan# 1896

Delta R.T. 0.00 min

Lab File: BG033042.D

Acq: 8 Mar 2018 15:59

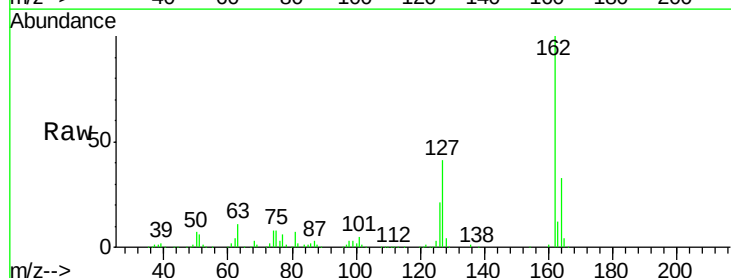
Tgt Ion:162 Resp: 400401

Ion Ratio Lower Upper

162 100

127 41.4 30.7 46.1

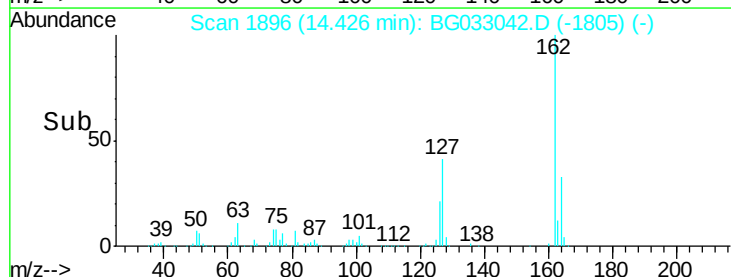
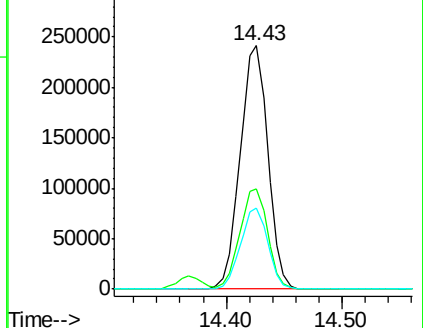
164 33.4 26.0 39.0

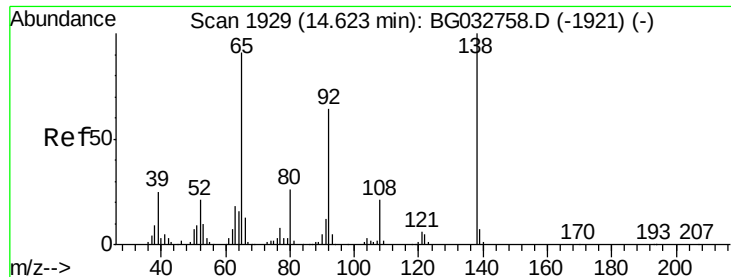


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

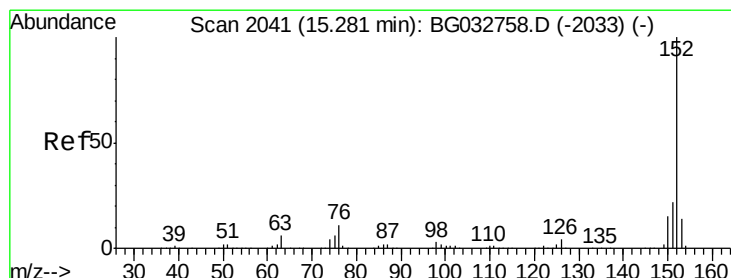
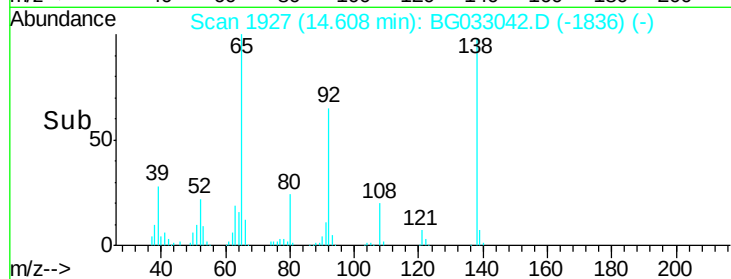
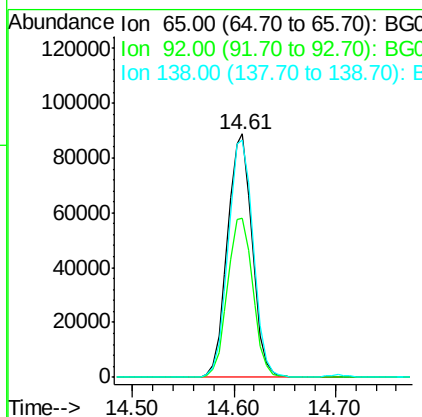
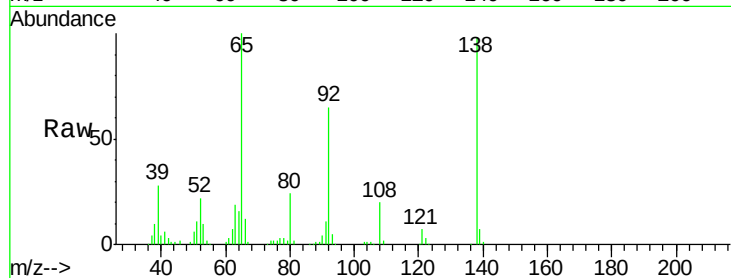




#47
2-Nitroaniline
Concen: 62.863 ng
RT: 14.61 min Scan# 1927
Delta R.T. 0.00 min
Lab File: BG033042.D
Acq: 8 Mar 2018 15:59

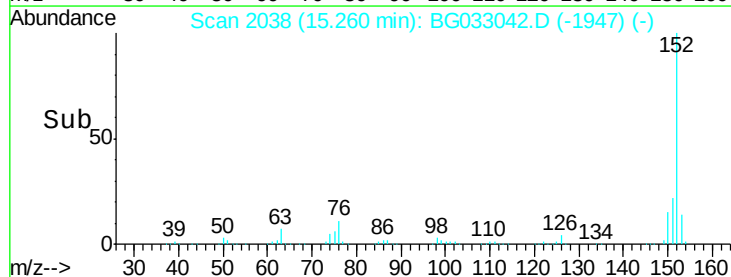
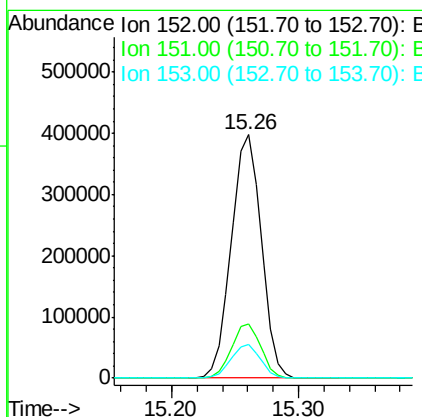
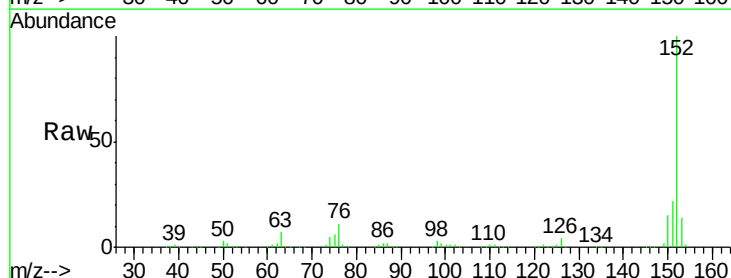
Instrument :
BNA_G
ClientSampled :

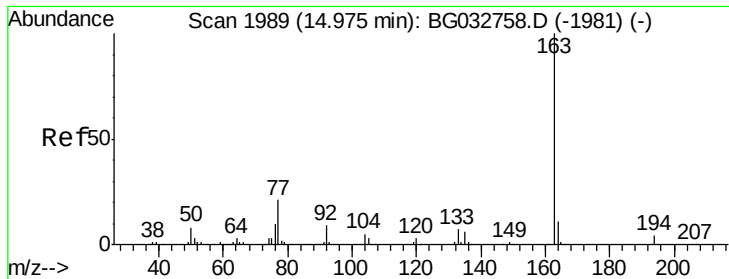
Tot Ion: 65 Resp: 150026
Ion Ratio Lower Upper
65 100
92 65.3 54.6 82.0
138 97.6 72.9 109.3



#48
Acenaphthylene
Concen: 44.621 ng
RT: 15.26 min Scan# 2038
Delta R.T. 0.00 min
Lab File: BG033042.D
Acq: 8 Mar 2018 15:59

Tgt Ion: 152 Resp: 651616
Ion Ratio Lower Upper
152 100
151 22.1 17.2 25.8
153 14.1 10.2 15.4





#49

Dimethylphthalate

Concen: 45.349 ng

RT: 14.95 min Scan# 1985

Delta R.T. -0.00 min

Lab File: BG033042.D

Acq: 8 Mar 2018 15:59

Instrument :

BNA_G

ClientSampled :

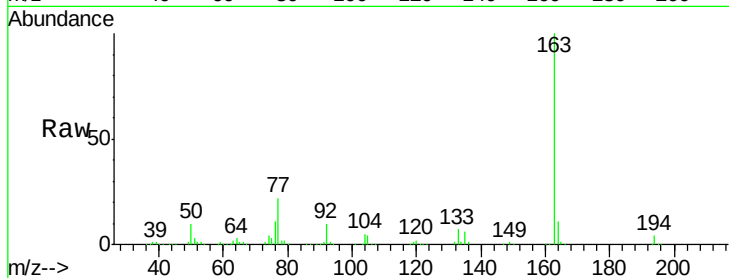
Tot Ion:163 Resp: 526159

Ion Ratio Lower Upper

163 100

194 3.7 3.4 5.2

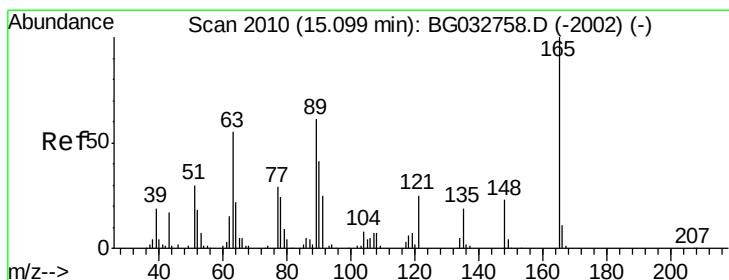
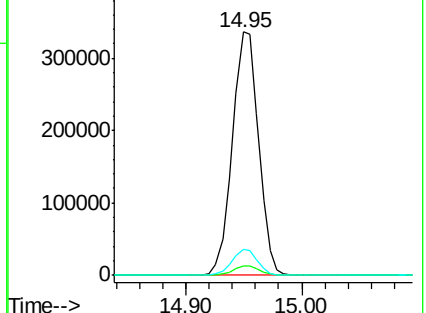
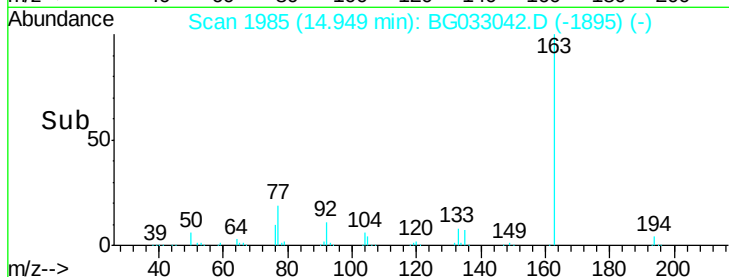
164 10.5 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 58.266 ng

RT: 15.08 min Scan# 2007

Delta R.T. 0.00 min

Lab File: BG033042.D

Acq: 8 Mar 2018 15:59

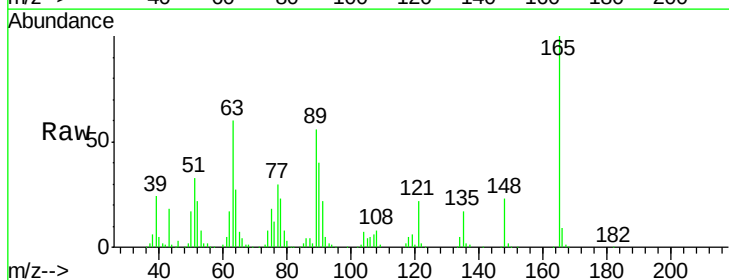
Tgt Ion:165 Resp: 116379

Ion Ratio Lower Upper

165 100

63 59.9 52.7 79.1

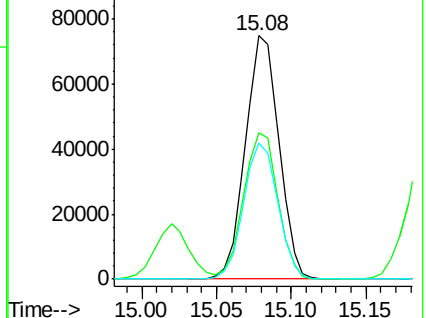
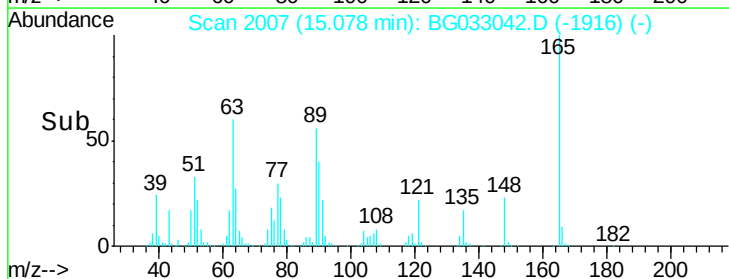
89 56.0 49.2 73.8

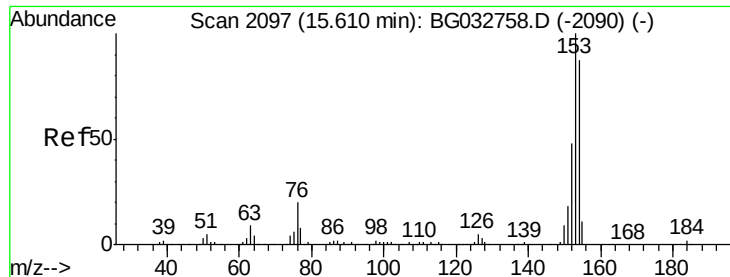


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 50.239 ng

RT: 15.60 min Scan# 2095

Delta R.T. 0.00 min

Lab File: BG033042.D

Acq: 8 Mar 2018 15:59

Instrument :

BNA_G

ClientSampleId :

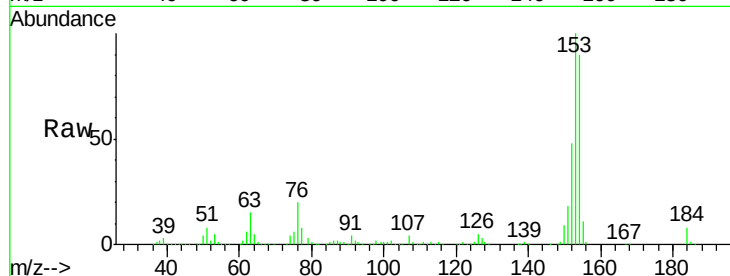
Tot Ion:154 Resp: 456912

Ion Ratio Lower Upper

154 100

153 111.3 90.4 135.6

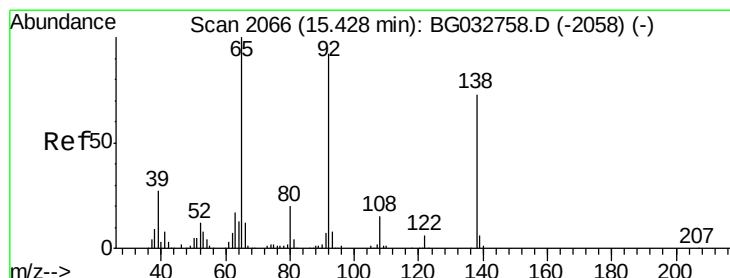
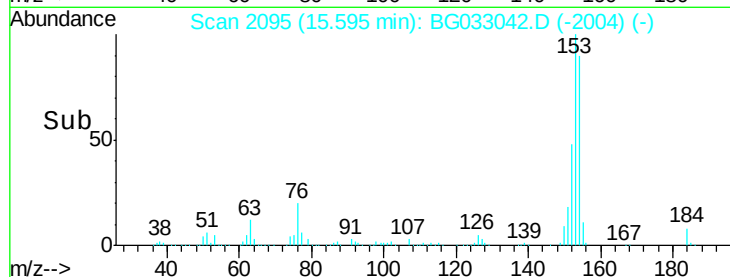
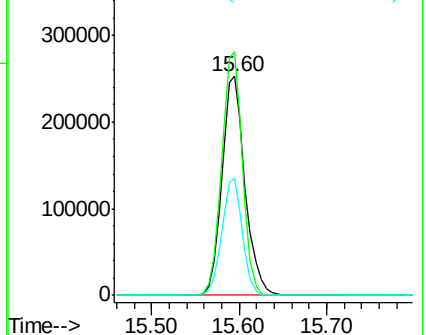
152 53.5 41.6 62.4



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: 33.347 ng

RT: 15.41 min Scan# 2064

Delta R.T. 0.00 min

Lab File: BG033042.D

Acq: 8 Mar 2018 15:59

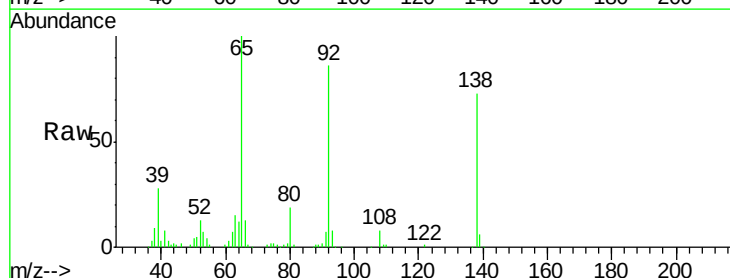
Tgt Ion:138 Resp: 72735

Ion Ratio Lower Upper

138 100

108 11.5 17.5 26.3#

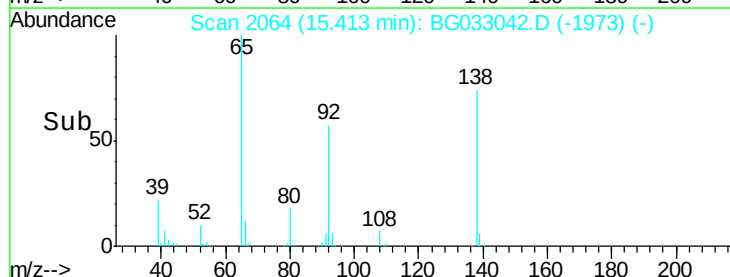
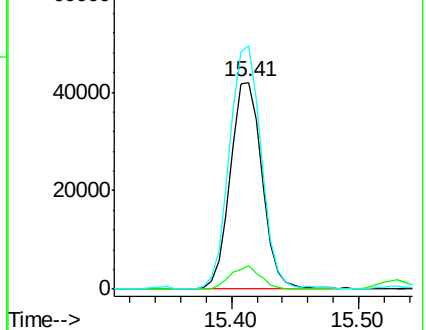
92 117.9 105.8 158.8

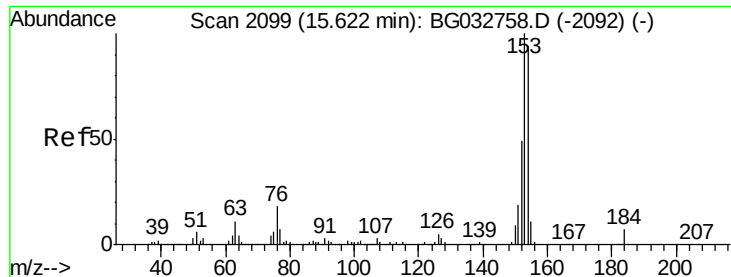


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

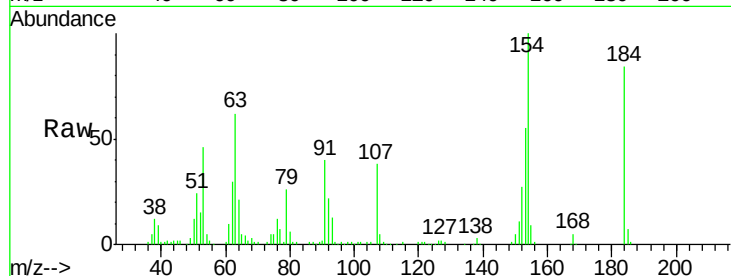




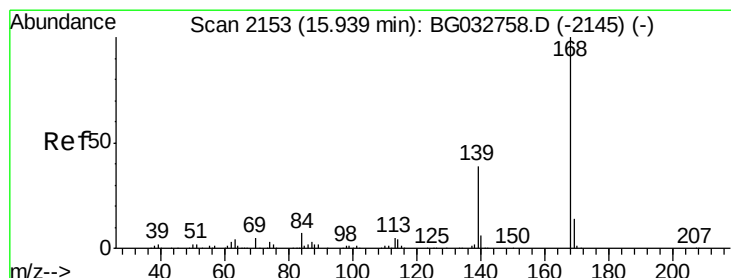
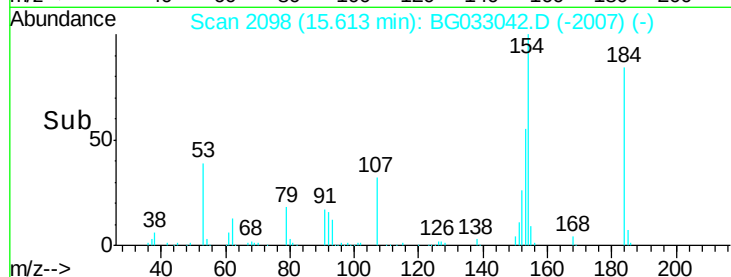
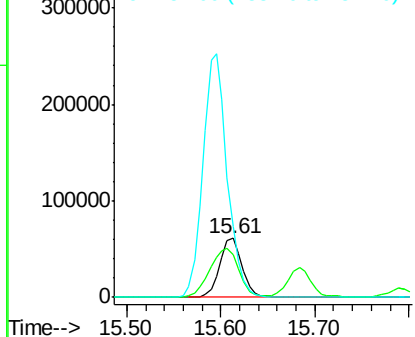
#53
2,4-Dinitrophenol
Concen: 135.329 ng
RT: 15.61 min Scan# 2098
Delta R.T. 0.00 min
Lab File: BG033042.D
Acq: 8 Mar 2018 15:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion:184 Resp: 103557
Ion Ratio Lower Upper
184 100
63 73.1 59.8 89.8
154 118.7 101.8 152.8

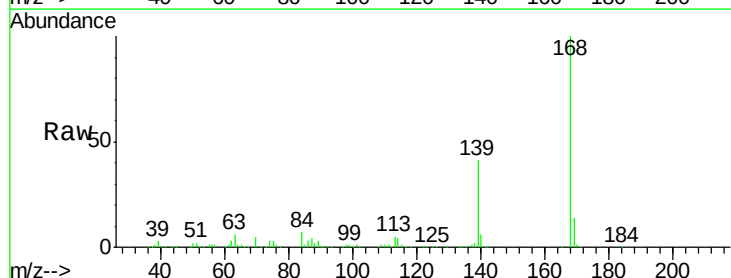


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

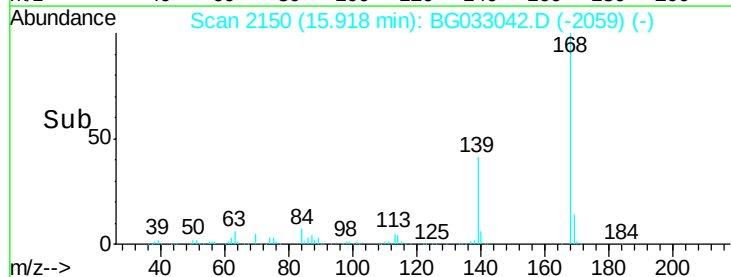
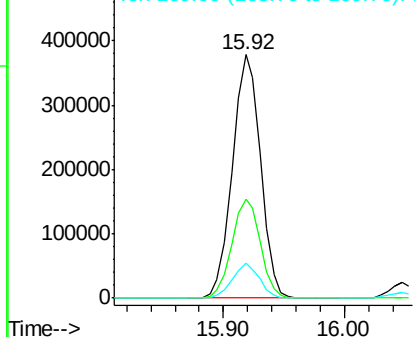


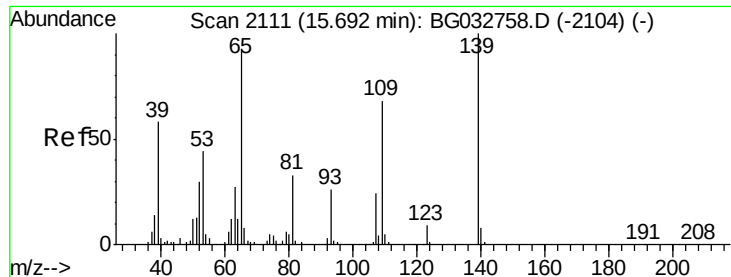
#54
Dibenzofuran
Concen: 47.252 ng
RT: 15.92 min Scan# 2150
Delta R.T. 0.00 min
Lab File: BG033042.D
Acq: 8 Mar 2018 15:59

Tgt Ion:168 Resp: 611903
Ion Ratio Lower Upper
168 100
139 40.7 28.6 43.0
169 14.3 11.2 16.8



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

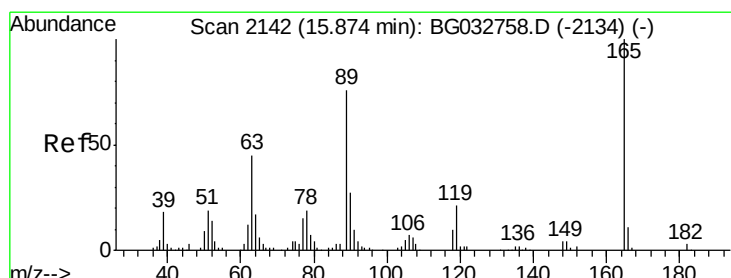
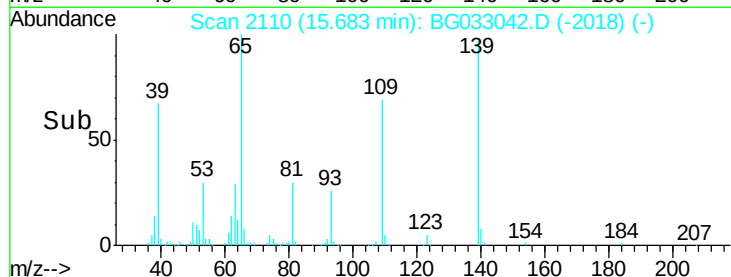
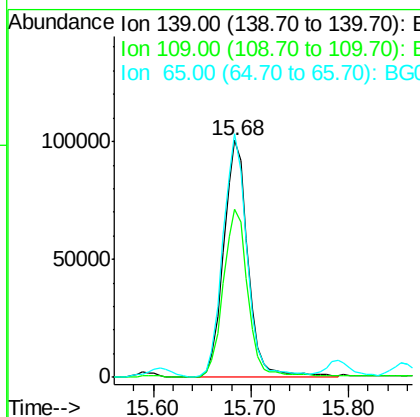
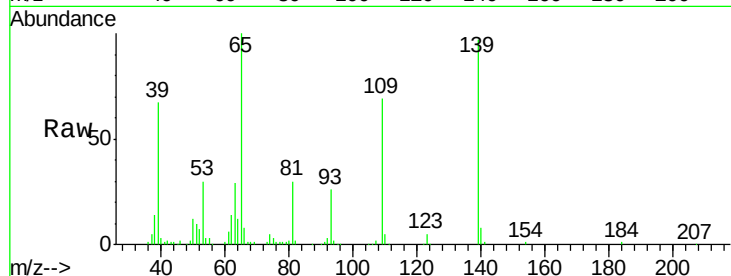




#55
4-Nitrophenol
Concen: 90.534 ng
RT: 15.68 min Scan# 2110
Delta R.T. 0.01 min
Lab File: BG033042.D
Acq: 8 Mar 2018 15:59

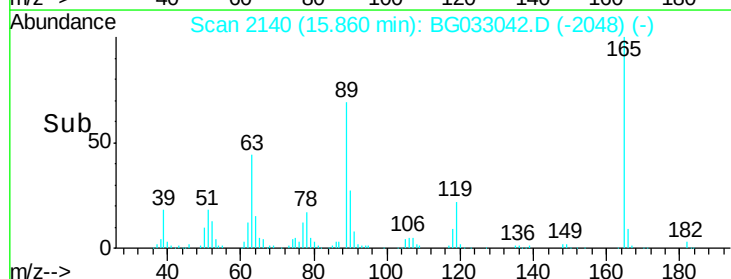
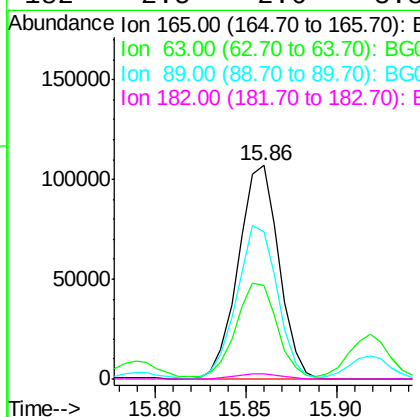
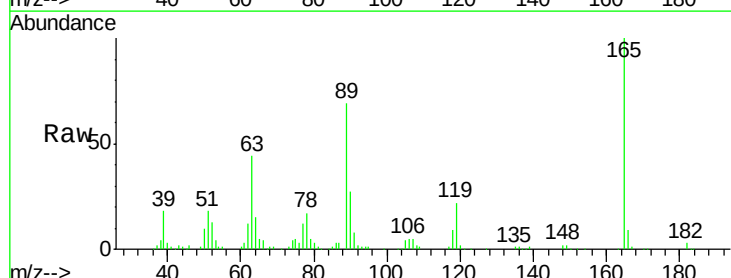
Instrument :
BNA_G
ClientSampled :

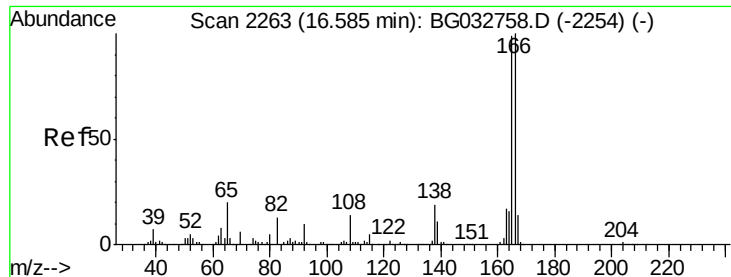
Tot Ion:139 Resp: 173956
Ion Ratio Lower Upper
139 100
109 71.2 62.2 102.2
65 102.8 97.2 137.2



#56
2,4-Dinitrotoluene
Concen: 66.820 ng
RT: 15.86 min Scan# 2140
Delta R.T. 0.01 min
Lab File: BG033042.D
Acq: 8 Mar 2018 15:59

Tgt Ion:165 Resp: 166635
Ion Ratio Lower Upper
165 100
63 43.8 42.0 63.0
89 68.9 66.9 100.3
182 2.5 2.6 3.8#





#57

Fluorene

Concen: 46.288 ng

RT: 16.56 min Scan# 2260

Delta R.T. 0.00 min

Lab File: BG033042.D

Acq: 8 Mar 2018 15:59

Instrument :

BNA_G

ClientSampleId :

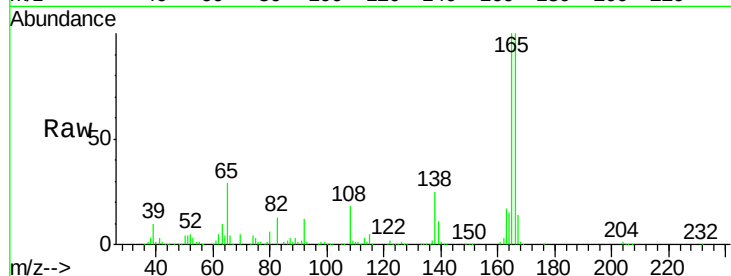
Tot Ion:166 Resp: 494744

Ion Ratio Lower Upper

166 100

165 99.7 80.6 121.0

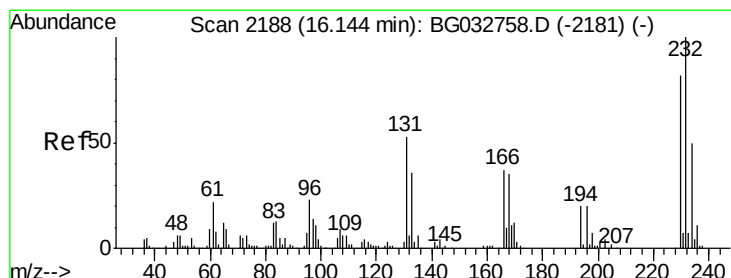
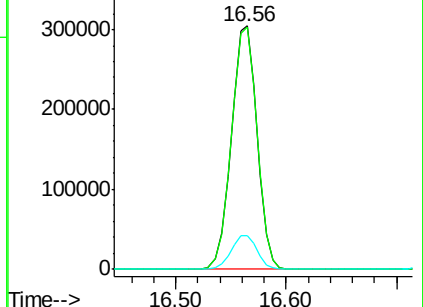
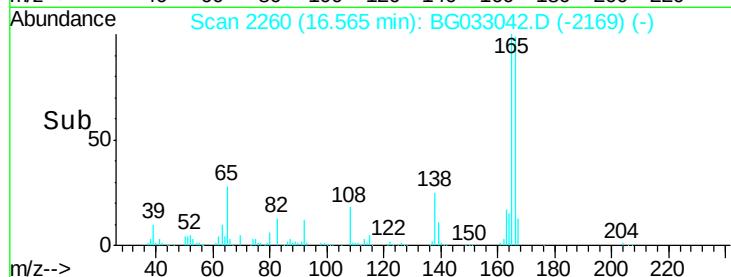
167 13.9 10.4 15.6



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: 55.282 ng

RT: 16.05 min Scan# 2172

Delta R.T. -0.08 min

Lab File: BG033042.D

Acq: 8 Mar 2018 15:59

Tgt Ion:232 Resp: 127075

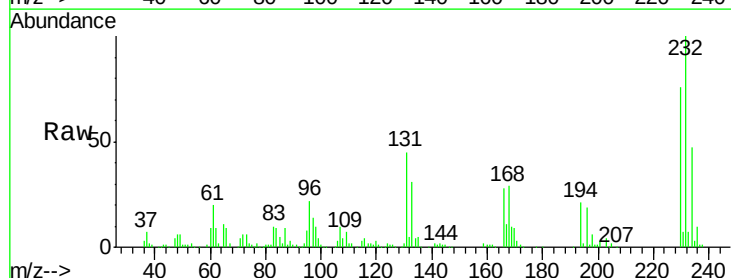
Ion Ratio Lower Upper

232 100

131 46.1 33.5 50.3

130 3.0 2.2 3.2

166 27.8 24.8 37.2

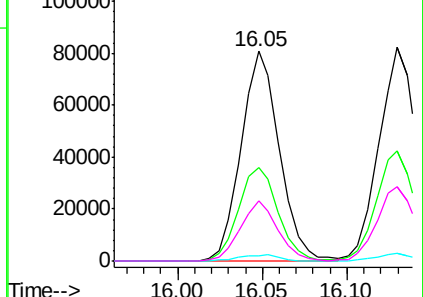
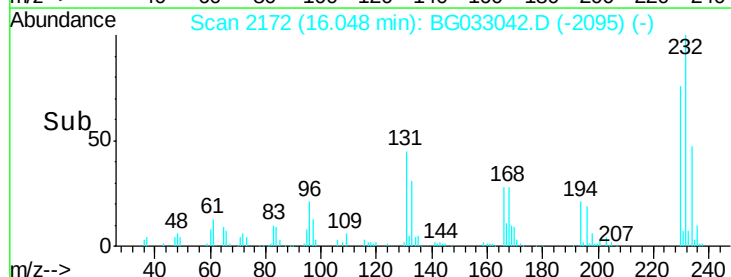


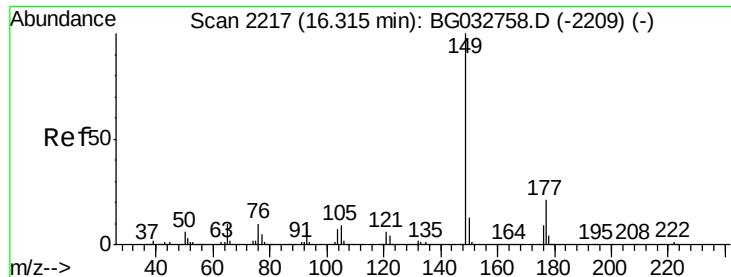
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

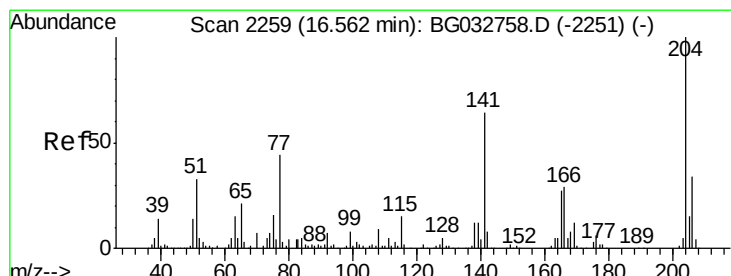
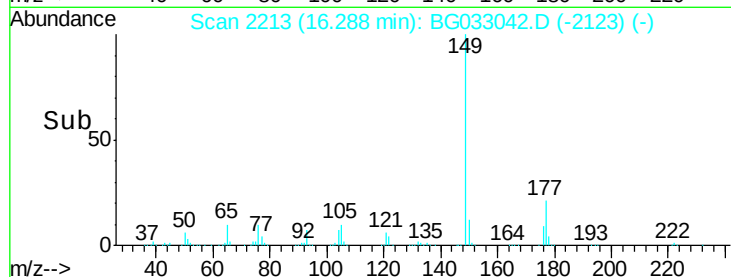
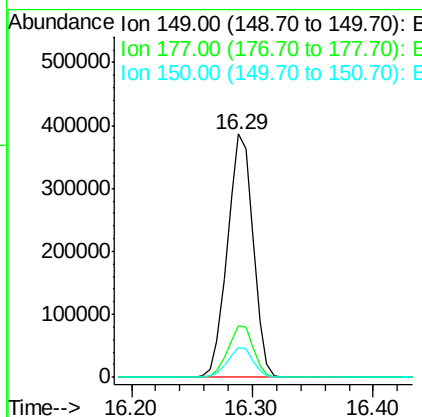
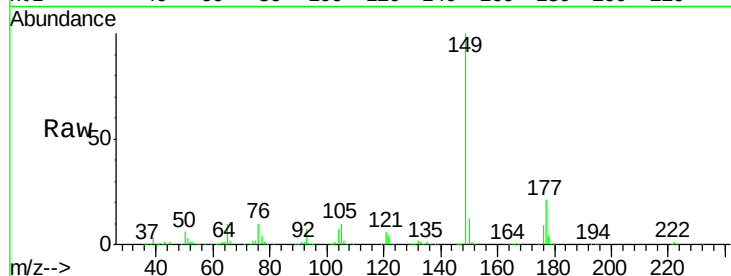




#59
Diethylphthalate
Concen: 46.499 ng
RT: 16.29 min Scan# 2213
Delta R.T. -0.00 min
Lab File: BG033042.D
Acq: 8 Mar 2018 15:59

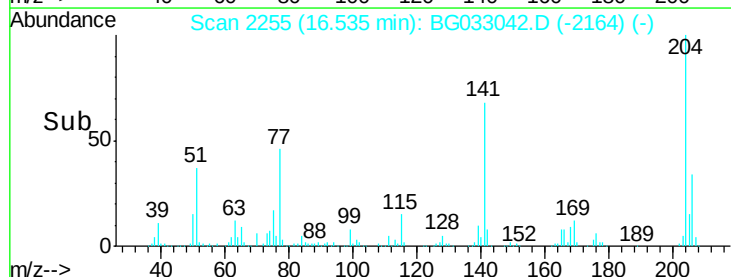
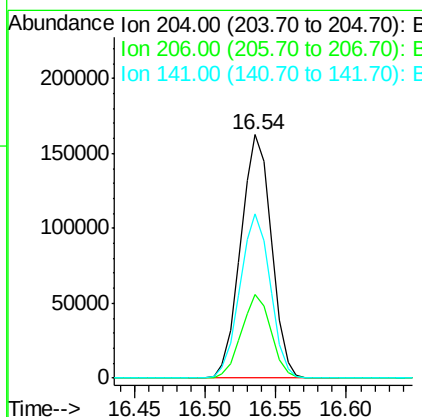
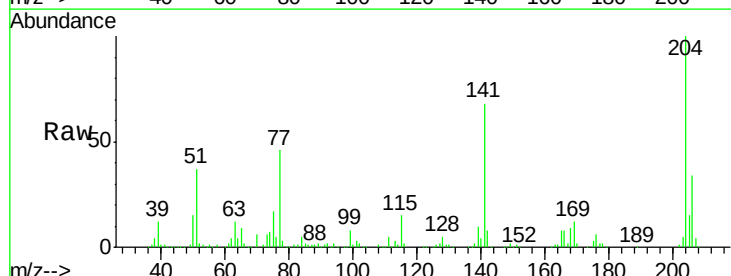
Instrument :
BNA_G
ClientSampleId :

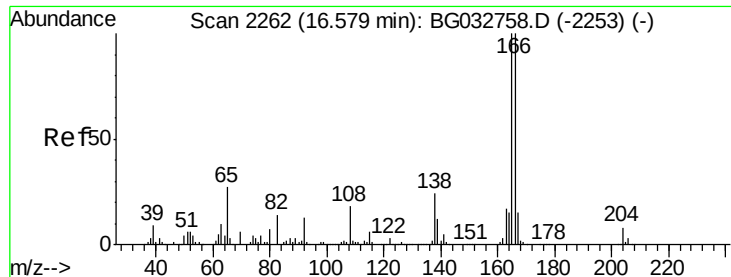
Tot Ion:149 Resp: 569029
Ion Ratio Lower Upper
149 100
177 21.2 18.5 27.7
150 12.4 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 47.302 ng
RT: 16.54 min Scan# 2255
Delta R.T. 0.00 min
Lab File: BG033042.D
Acq: 8 Mar 2018 15:59

Tgt Ion:204 Resp: 247323
Ion Ratio Lower Upper
204 100
206 34.4 26.2 39.2
141 67.6 45.8 68.6





#61

4-Nitroaniline

Concen: 48.917 ng

RT: 16.56 min Scan# 2260

Delta R.T. 0.00 min

Lab File: BG033042.D

Acq: 8 Mar 2018 15:59

Instrument :

BNA_G

ClientSampleId :

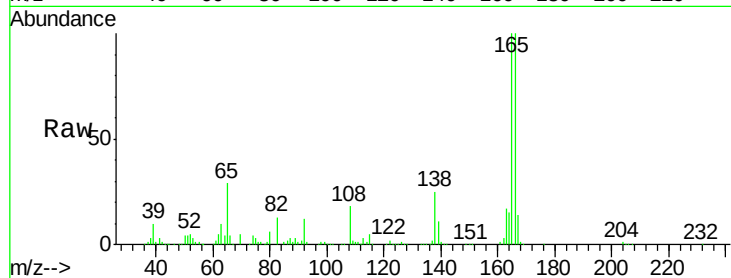
Tot Ion:138 Resp: 123154

Ion Ratio Lower Upper

138 100

92 50.1 40.1 80.1

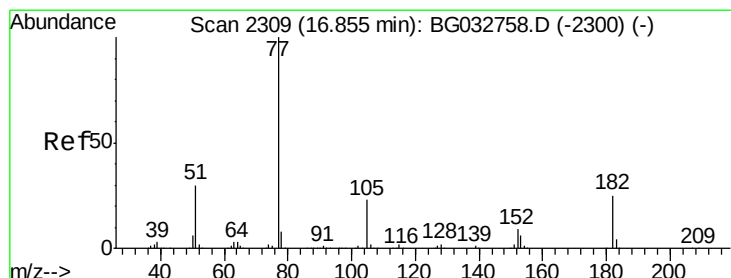
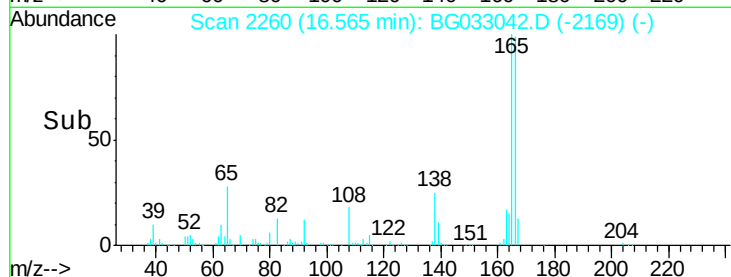
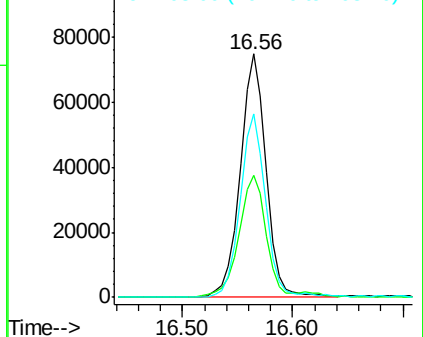
108 75.2 65.4 105.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 47.899 ng

RT: 16.83 min Scan# 2305

Delta R.T. 0.00 min

Lab File: BG033042.D

Acq: 8 Mar 2018 15:59

Tgt Ion: 77 Resp: 524392

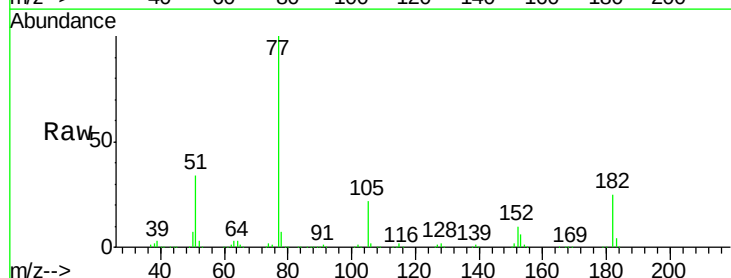
Ion Ratio Lower Upper

77 100

182 25.5 7.4 47.4

105 22.0 0.3 40.3

51 33.8 11.6 51.6

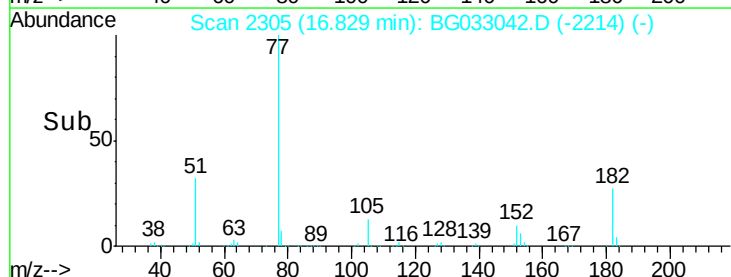
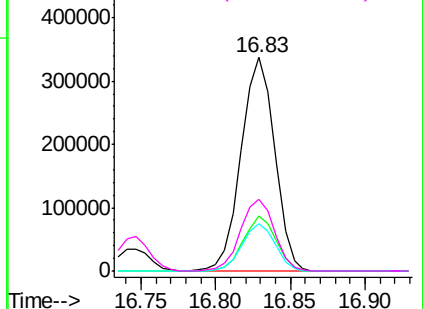


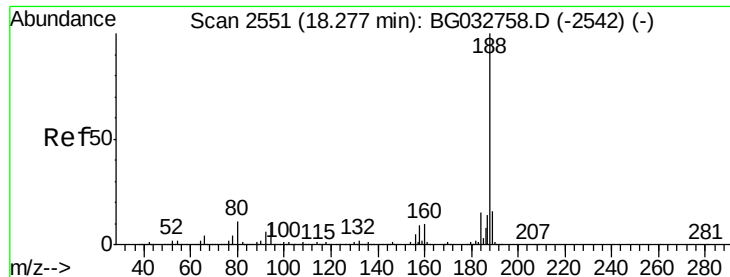
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.26 min Scan# 2548

Delta R.T. 0.00 min

Lab File: BG033042.D

Acq: 8 Mar 2018 15:59

Instrument :

BNA_G

ClientSampleId :

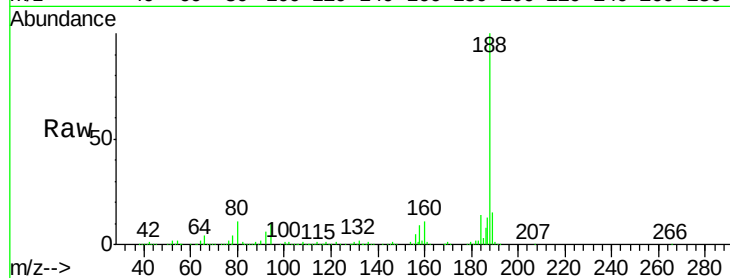
Tot Ion:188 Resp: 307582

Ion Ratio Lower Upper

188 100

94 9.8 6.9 10.3

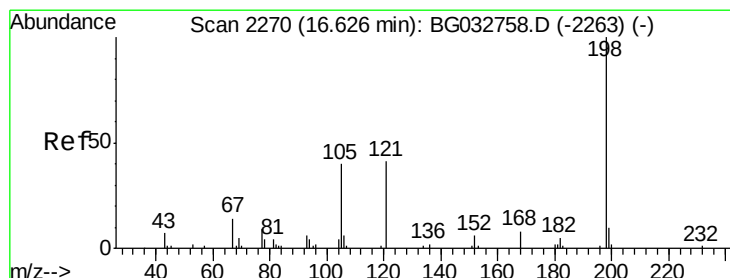
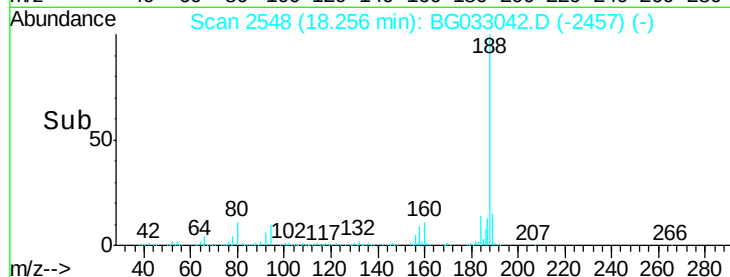
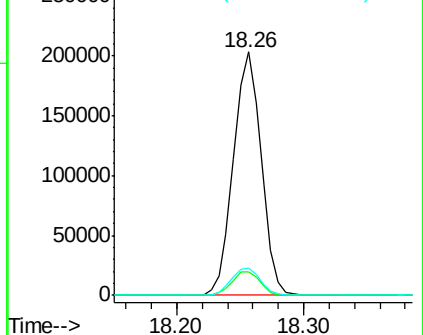
80 11.4 7.7 11.5



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: 71.281 ng

RT: 16.61 min Scan# 2268

Delta R.T. 0.00 min

Lab File: BG033042.D

Acq: 8 Mar 2018 15:59

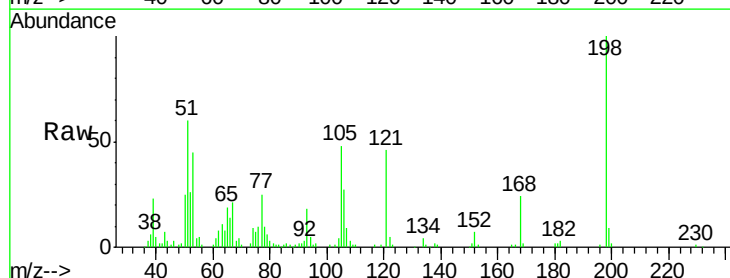
Tgt Ion:198 Resp: 76197

Ion Ratio Lower Upper

198 100

51 59.5 30.6 70.6

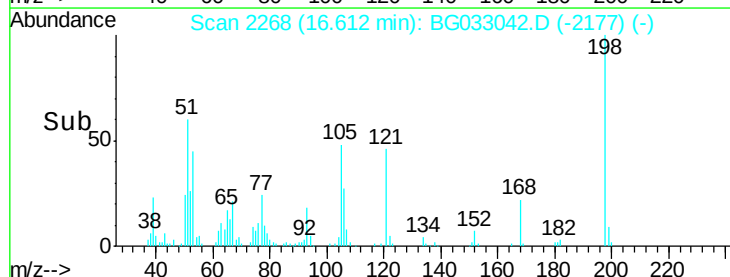
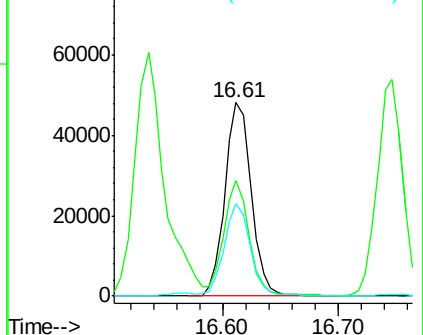
105 48.1 23.8 63.8

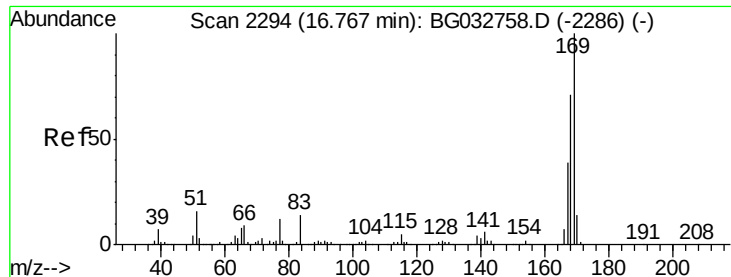


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

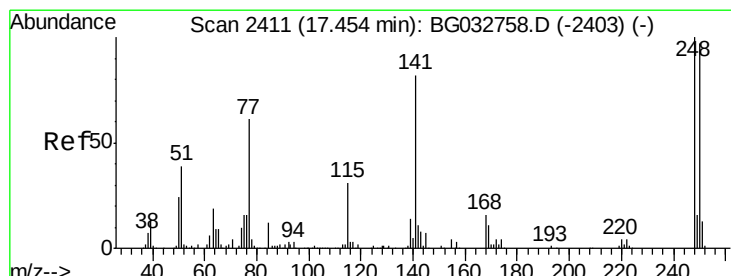
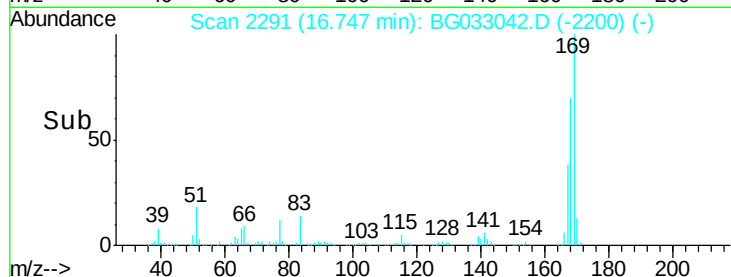
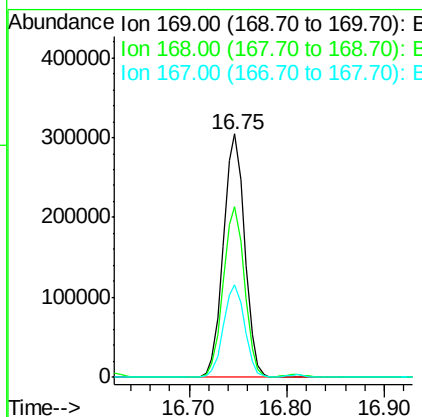
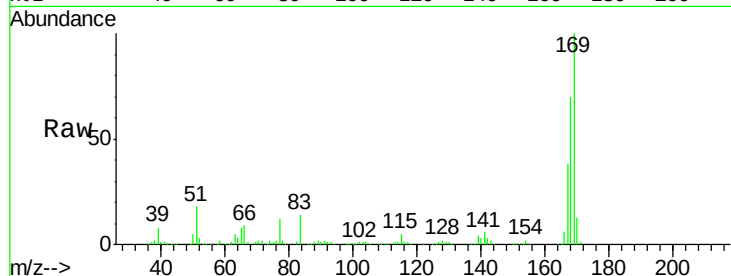




#65
n-Nitrosodiphenylamine
Concen: 46.091 ng
RT: 16.75 min Scan# 2291
Delta R.T. 0.00 min
Lab File: BG033042.D
Acq: 8 Mar 2018 15:59

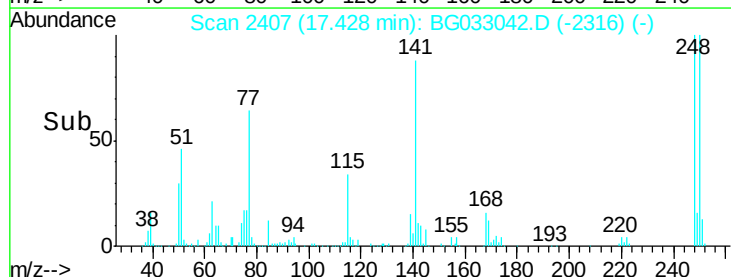
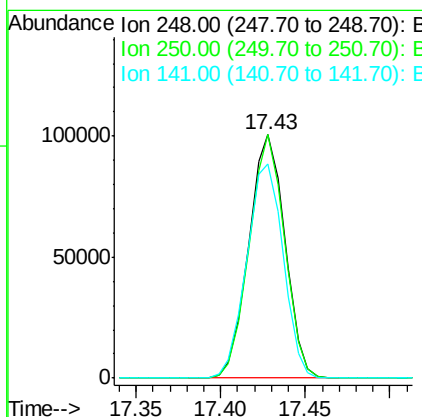
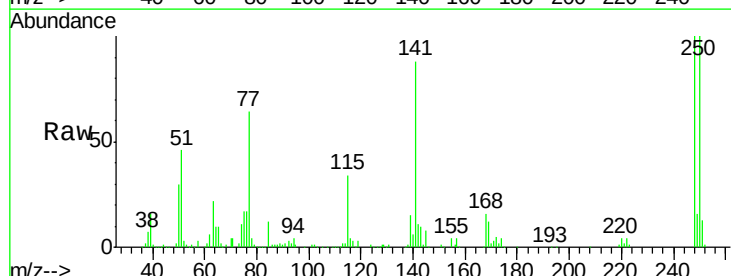
Instrument :
BNA_G
ClientSampleId :

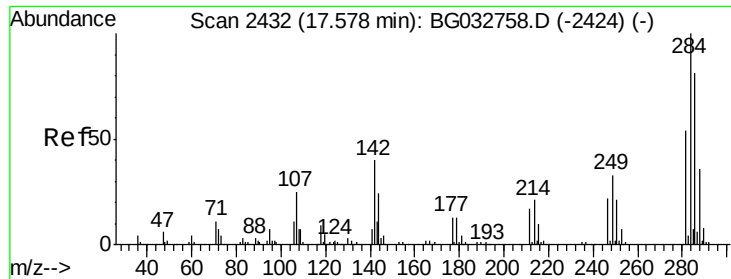
Tot Ion:169 Resp: 461193
Ion Ratio Lower Upper
169 100
168 69.9 55.7 83.5
167 38.2 30.1 45.1



#66
4-Bromophenyl-phenylether
Concen: 46.039 ng
RT: 17.43 min Scan# 2407
Delta R.T. 0.00 min
Lab File: BG033042.D
Acq: 8 Mar 2018 15:59

Tgt Ion:248 Resp: 149736
Ion Ratio Lower Upper
248 100
250 100.0 77.1 115.7
141 87.8 50.8 76.2#





#67

Hexachlorobenzene

Concen: 44.476 ng

RT: 17.56 min Scan# 2429

Delta R.T. 0.00 min

Lab File: BG033042.D

Acq: 8 Mar 2018 15:59

Instrument :

BNA_G

ClientSampleId :

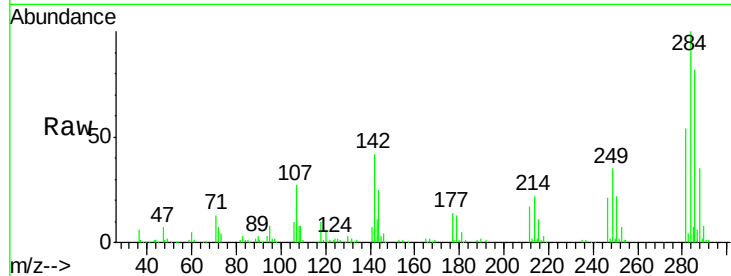
Tot Ion:284 Resp: 156318

Ion Ratio Lower Upper

284 100

142 42.1 26.8 40.2#

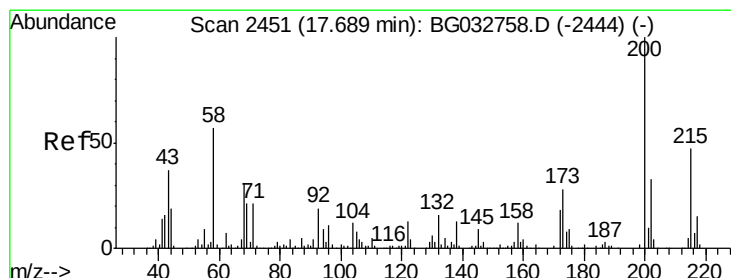
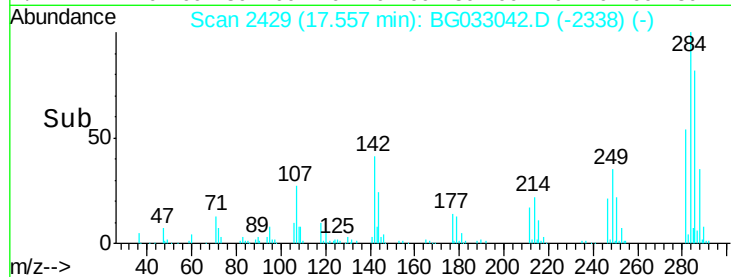
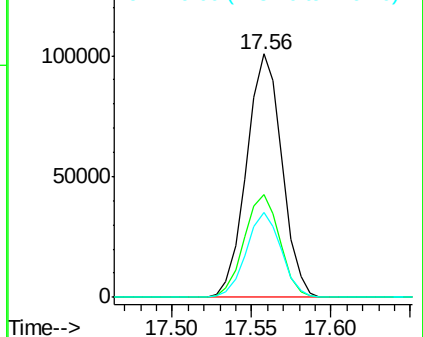
249 34.9 26.3 39.5



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 49.566 ng

RT: 17.66 min Scan# 2447

Delta R.T. 0.00 min

Lab File: BG033042.D

Acq: 8 Mar 2018 15:59

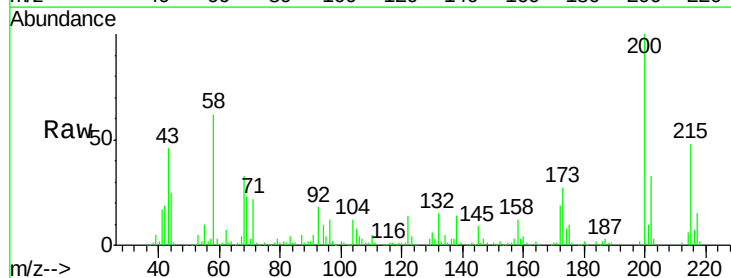
Tgt Ion:200 Resp: 163251

Ion Ratio Lower Upper

200 100

173 27.0 5.2 45.2

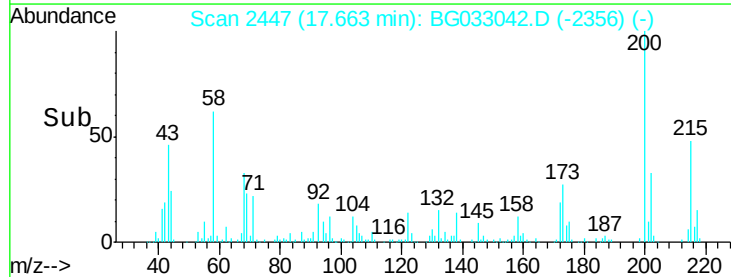
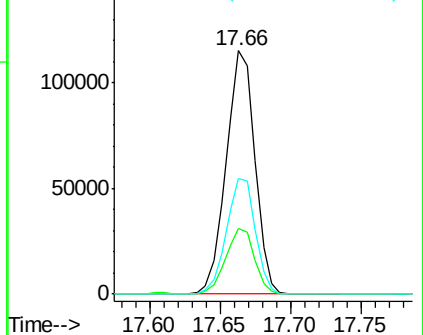
215 47.6 30.4 70.4

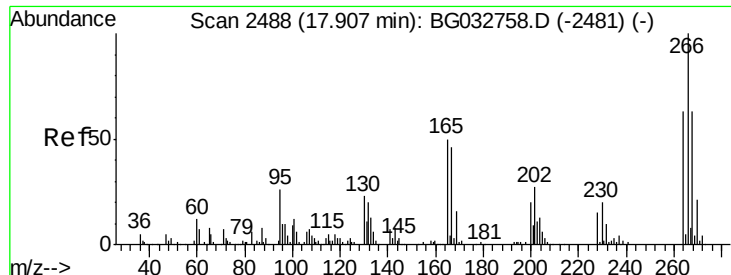


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

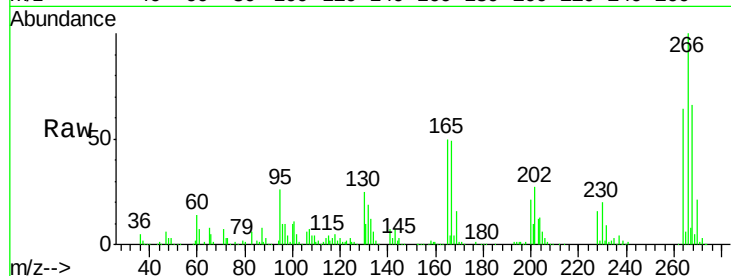




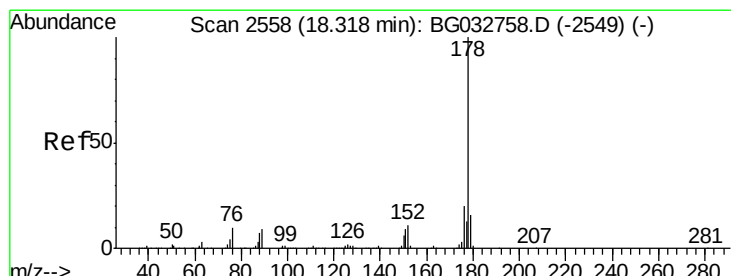
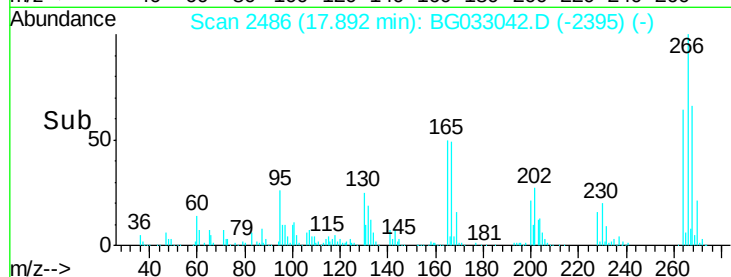
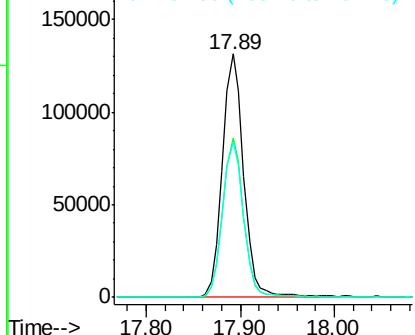
#69
 Pentachlorophenol
 Concen: 94.308 ng
 RT: 17.89 min Scan# 2486
 Delta R.T. 0.00 min
 Lab File: BG033042.D
 Acq: 8 Mar 2018 15:59

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:266 Resp: 208783
 Ion Ratio Lower Upper
 266 100
 268 65.6 51.1 76.7
 264 63.8 49.6 74.4

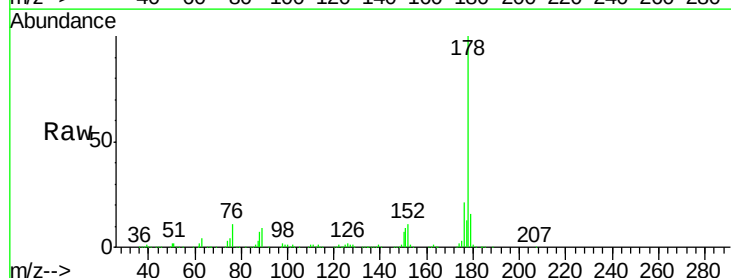


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

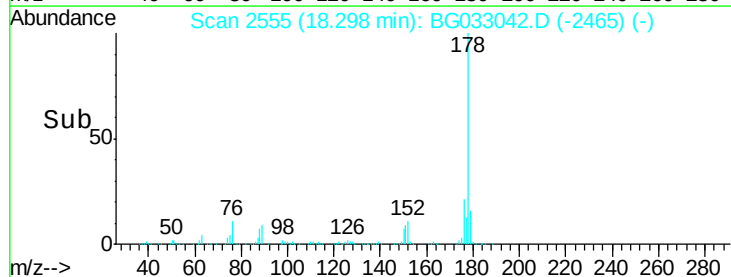
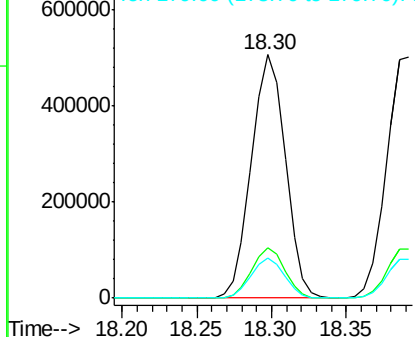


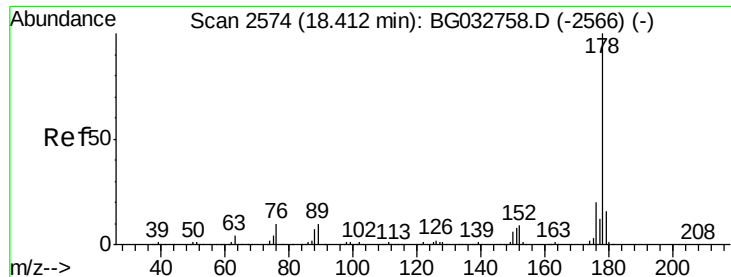
#70
 Phenanthrene
 Concen: 46.549 ng
 RT: 18.30 min Scan# 2555
 Delta R.T. -0.00 min
 Lab File: BG033042.D
 Acq: 8 Mar 2018 15:59

Tgt Ion:178 Resp: 798780
 Ion Ratio Lower Upper
 178 100
 176 20.5 15.7 23.5
 179 16.5 12.5 18.7



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

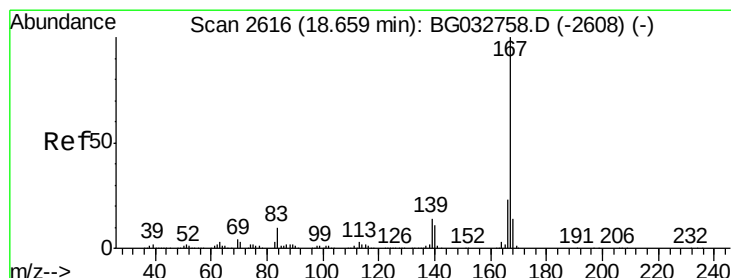
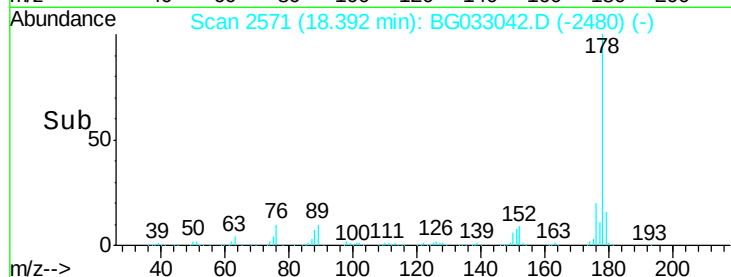
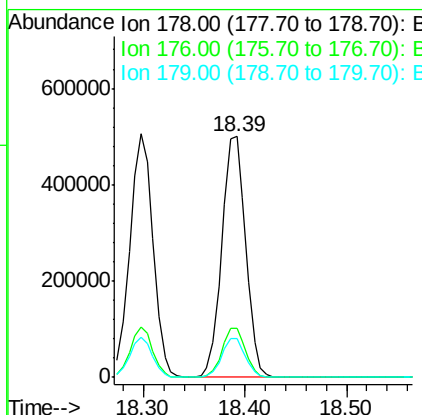
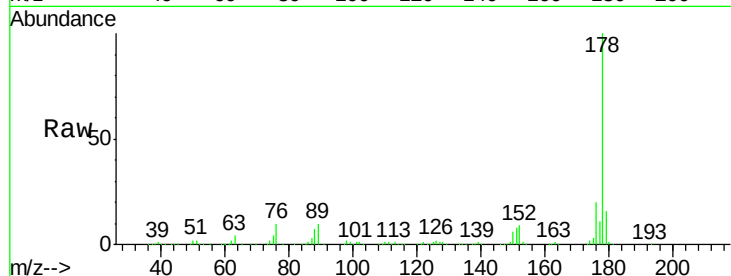




#71
 Anthracene
 Concen: 47.377 ng
 RT: 18.39 min Scan# 2571
 Delta R.T. 0.00 min
 Lab File: BG033042.D
 Acq: 8 Mar 2018 15:59

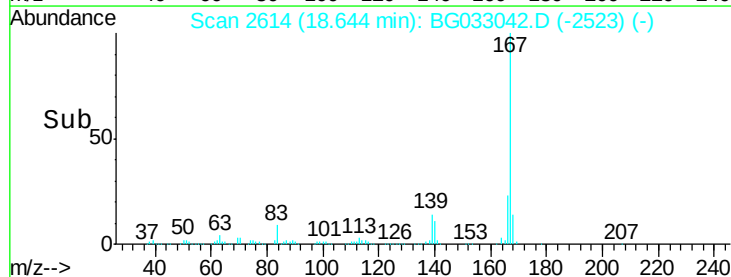
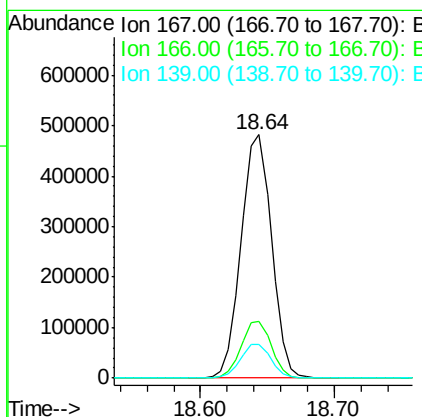
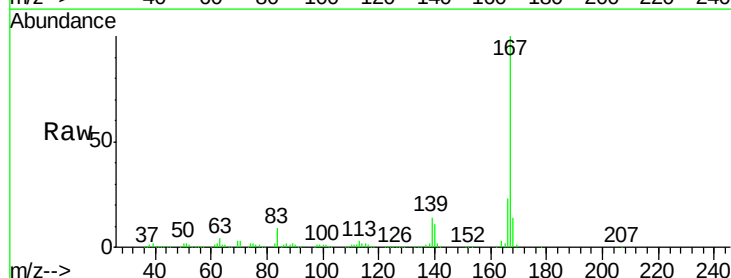
Instrument :
 BNA_G
 ClientSampleId :

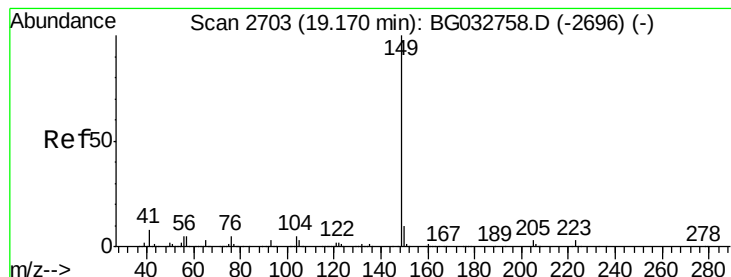
Tot Ion:178 Resp: 816204
 Ion Ratio Lower Upper
 178 100
 176 20.3 16.0 24.0
 179 16.3 12.5 18.7



#72
 Carbazole
 Concen: 44.854 ng
 RT: 18.64 min Scan# 2614
 Delta R.T. 0.00 min
 Lab File: BG033042.D
 Acq: 8 Mar 2018 15:59

Tgt Ion:167 Resp: 761653
 Ion Ratio Lower Upper
 167 100
 166 23.3 18.2 27.4
 139 13.8 9.4 14.2





#73

Di-n-butylphthalate

Concen: 47.029 ng

RT: 19.14 min Scan# 2698

Delta R.T. -0.00 min

Lab File: BG033042.D

Acq: 8 Mar 2018 15:59

Instrument :

BNA_G

ClientSampleId :

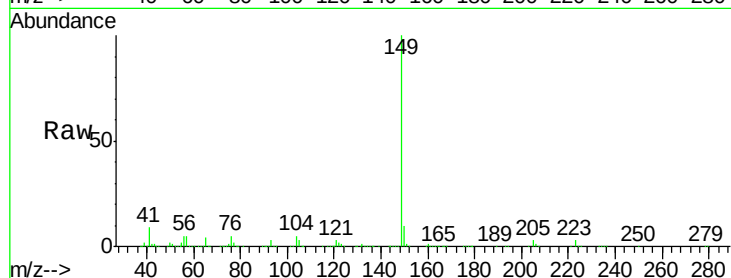
Tot Ion:149 Resp: 979703

Ion Ratio Lower Upper

149 100

150 10.3 7.8 11.6

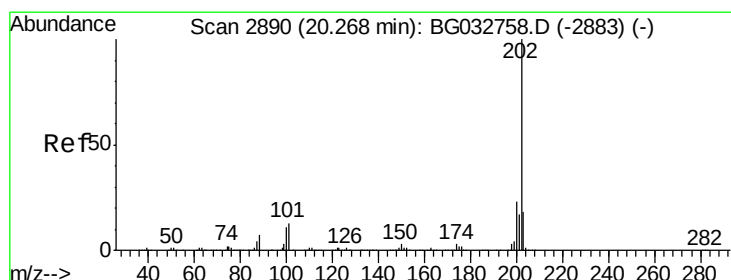
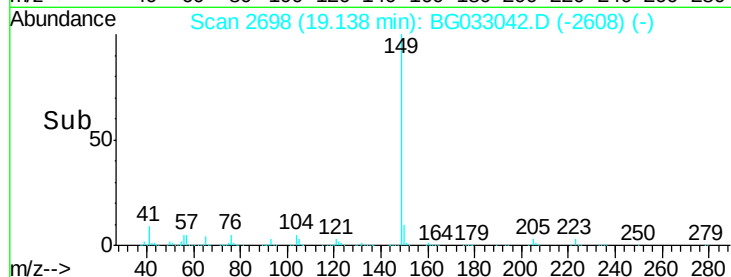
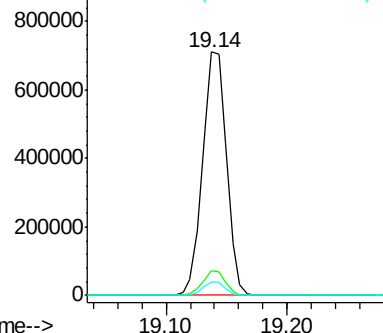
104 5.4 3.9 5.9



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: 48.177 ng

RT: 20.25 min Scan# 2887

Delta R.T. 0.00 min

Lab File: BG033042.D

Acq: 8 Mar 2018 15:59

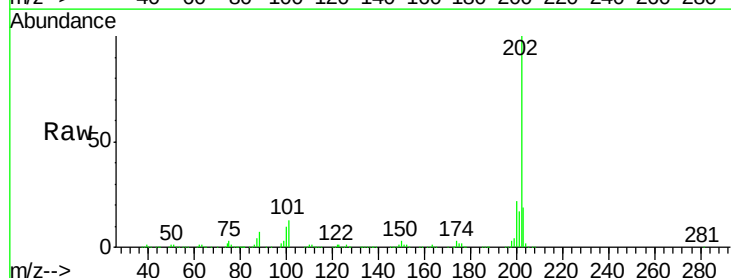
Tgt Ion:202 Resp: 913224

Ion Ratio Lower Upper

202 100

101 12.8 0.0 28.9

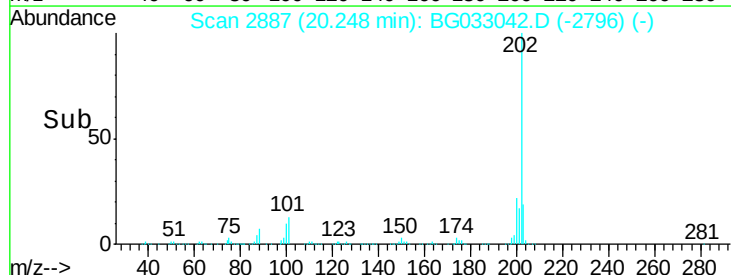
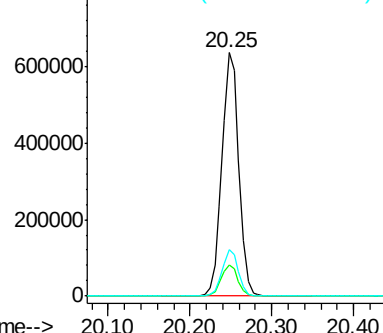
203 19.0 0.0 37.5

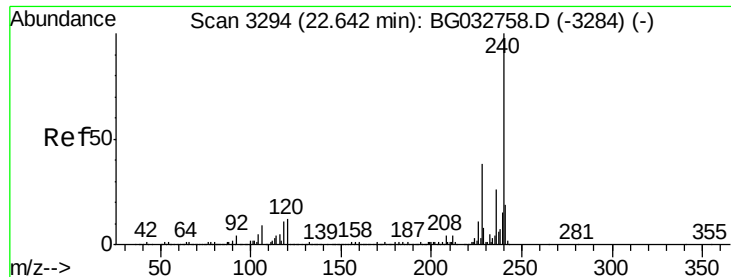


Abundance Ion 202.00 (201.70 to 202.70): E

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: 22.62 min Scan# 3290

Delta R.T. 0.00 min

Lab File: BG033042.D

Acq: 8 Mar 2018 15:59

Instrument :

BNA_G

ClientSampleId :

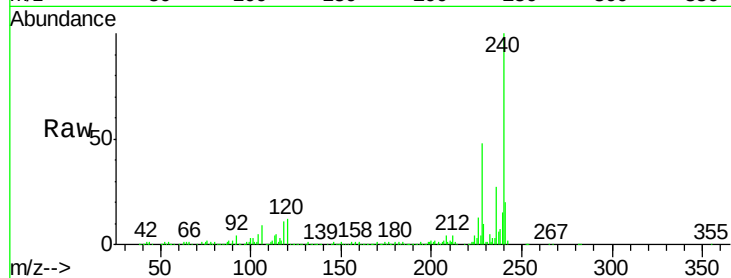
Tot Ion:240 Resp: 287278

Ion Ratio Lower Upper

240 100

120 12.0 6.8 10.2#

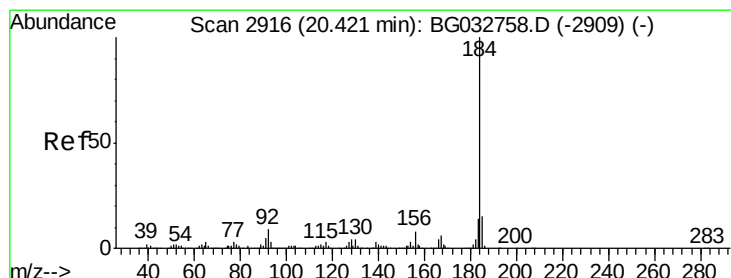
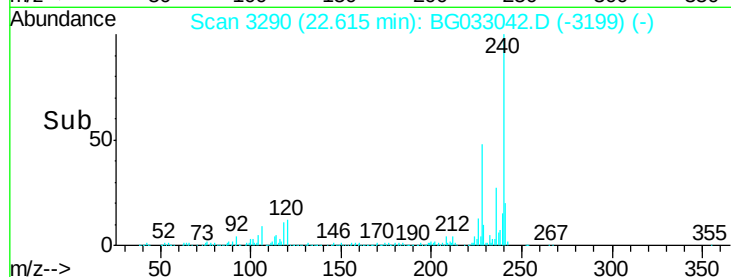
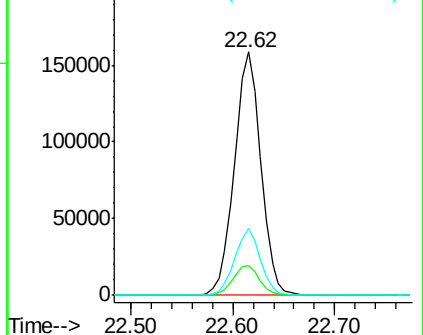
236 27.3 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 5.912 ng

RT: 20.40 min Scan# 2913

Delta R.T. -0.00 min

Lab File: BG033042.D

Acq: 8 Mar 2018 15:59

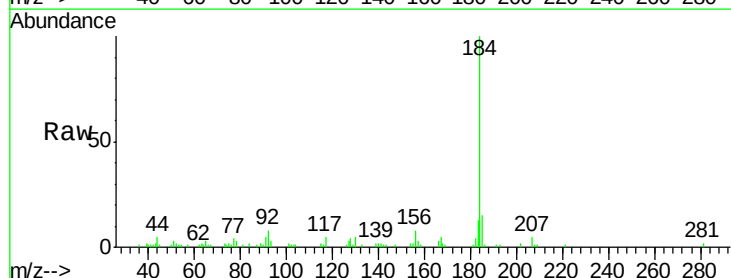
Tgt Ion:184 Resp: 57891

Ion Ratio Lower Upper

184 100

185 14.9 11.1 16.7

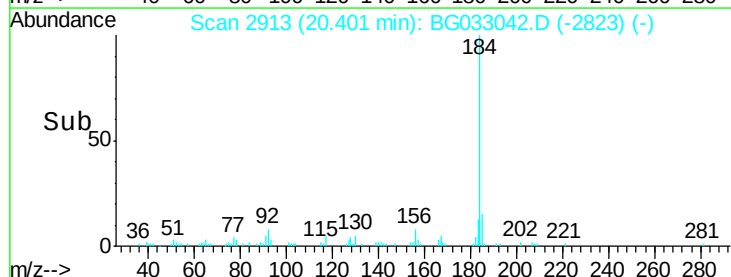
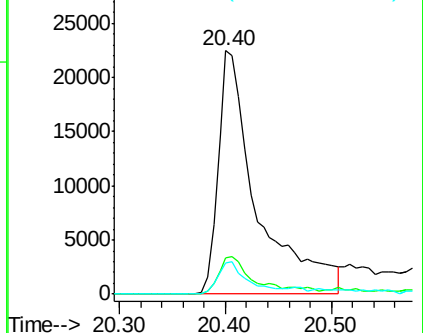
183 13.0 10.6 16.0

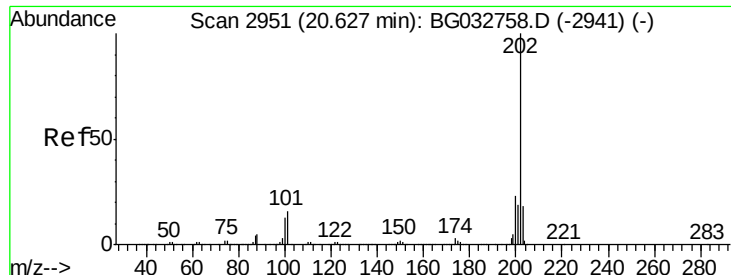


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 45.140 ng

RT: 20.61 min Scan# 2948

Delta R.T. 0.00 min

Lab File: BG033042.D

Acq: 8 Mar 2018 15:59

Instrument :

BNA_G

ClientSampleId :

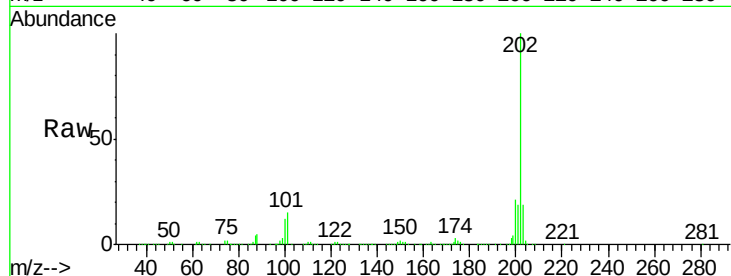
Tot Ion:202 Resp: 914497

Ion Ratio Lower Upper

202 100

200 21.4 16.9 25.3

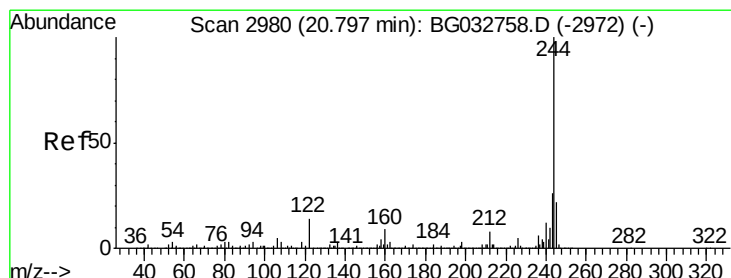
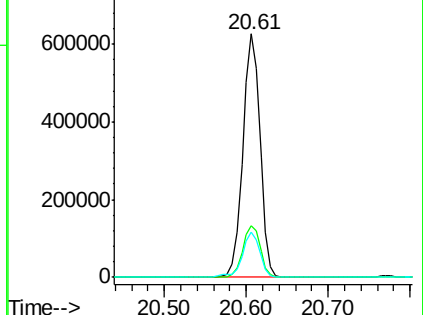
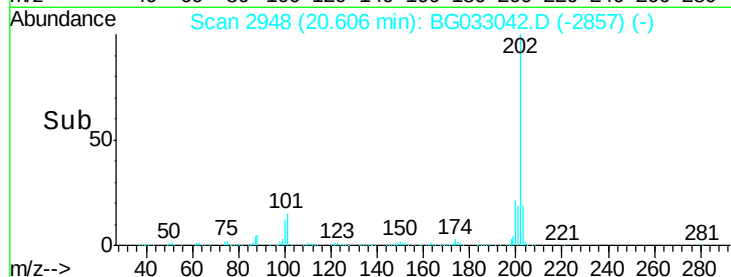
203 18.7 13.9 20.9



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: 102.114 ng

RT: 20.77 min Scan# 2976

Delta R.T. 0.00 min

Lab File: BG033042.D

Acq: 8 Mar 2018 15:59

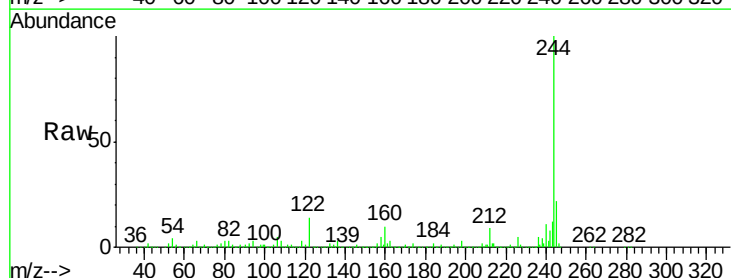
Tgt Ion:244 Resp: 1305676

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

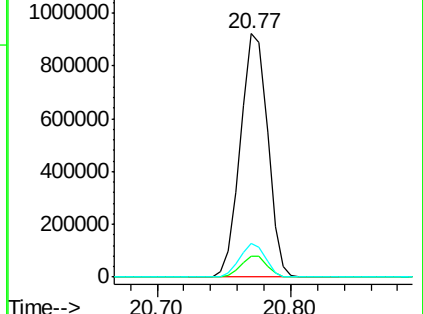
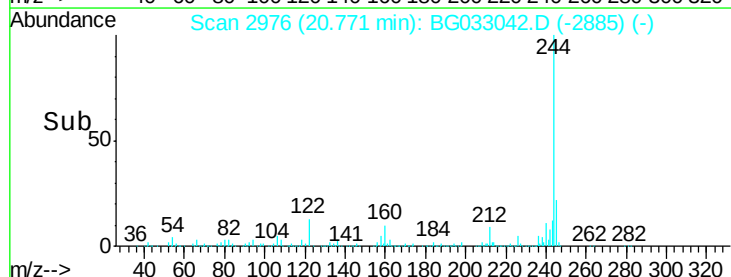
122 13.7 7.0 10.4#

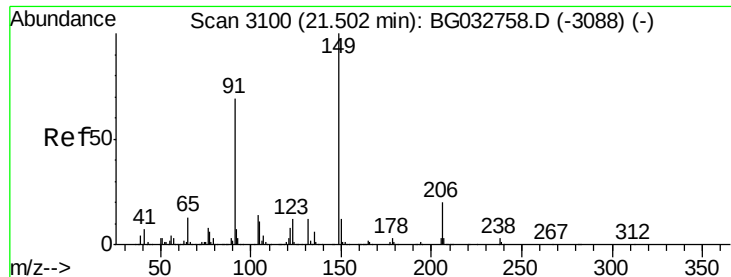


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

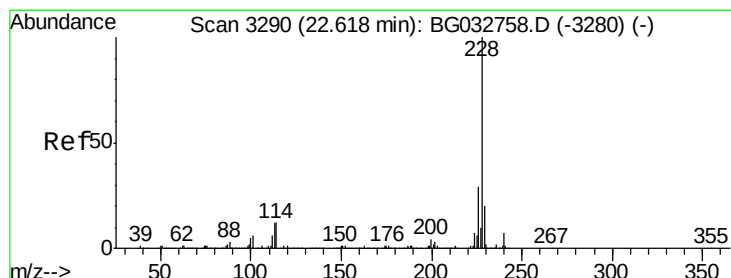
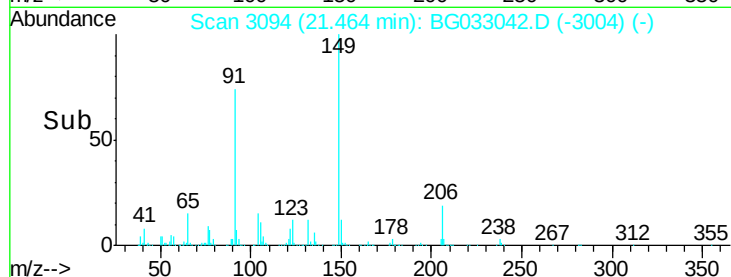
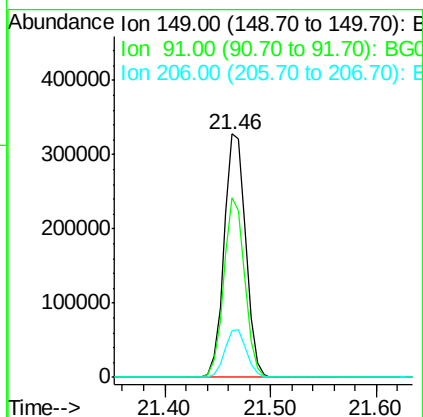
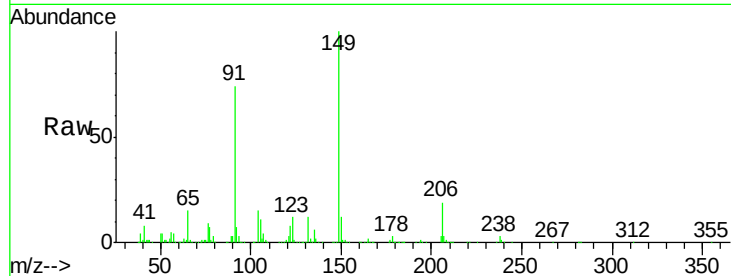




#79
Butylbenzylphthalate
Concen: 51.492 ng
RT: 21.46 min Scan# 3094
Delta R.T. -0.00 min
Lab File: BG033042.D
Acq: 8 Mar 2018 15:59

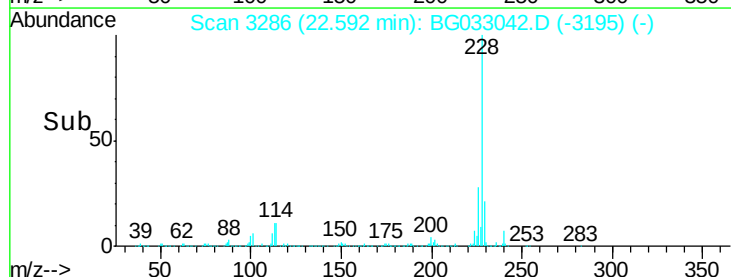
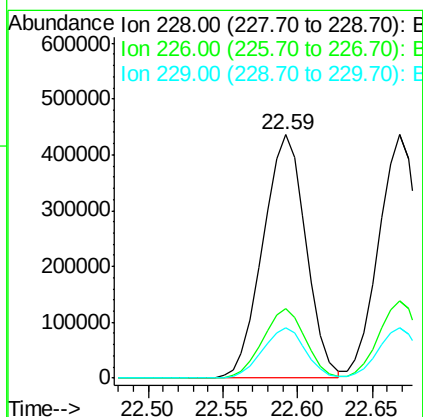
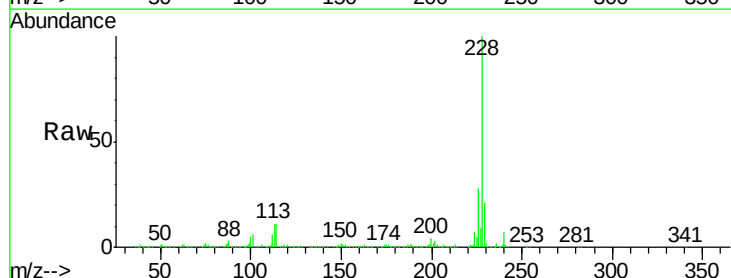
Instrument :
BNA_G
ClientSampleId :

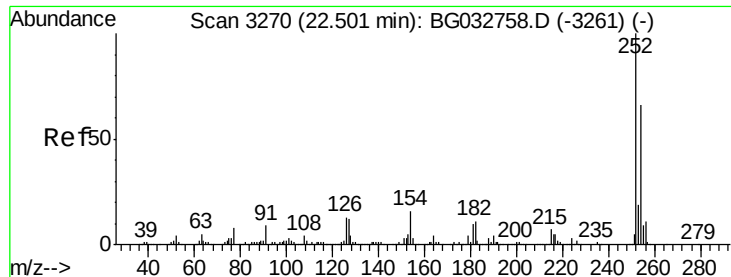
Tot Ion:149 Resp: 462505
Ion Ratio Lower Upper
149 100
91 74.0 62.2 93.2
206 19.3 18.6 27.8



#80
Benzo(a)anthracene
Concen: 47.317 ng
RT: 22.59 min Scan# 3286
Delta R.T. 0.00 min
Lab File: BG033042.D
Acq: 8 Mar 2018 15:59

Tgt Ion:228 Resp: 871656
Ion Ratio Lower Upper
228 100
226 28.4 22.7 34.1
229 20.7 16.2 24.2

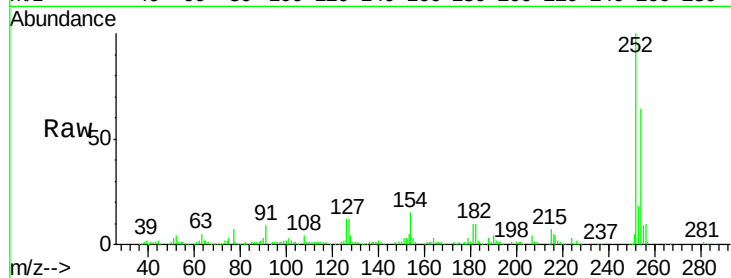




#81
 3,3'-Dichlorobenzidine
 Concen: 22.073 ng
 RT: 22.47 min Scan# 3266
 Delta R.T. 0.00 min
 Lab File: BG033042.D
 Acq: 8 Mar 2018 15:59

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.7	50.8	76.2
126	12.3	7.4	11.2#

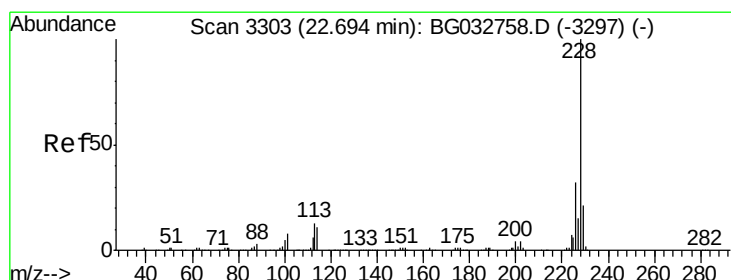
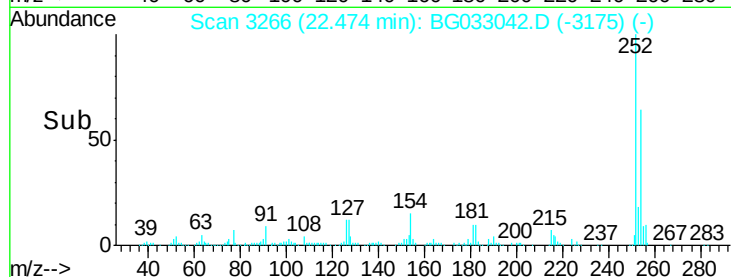
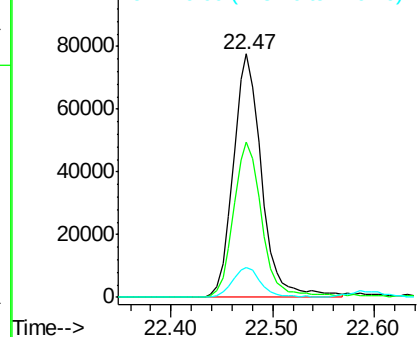


Abundance

Ion 252.00 (251.70 to 252.70): E

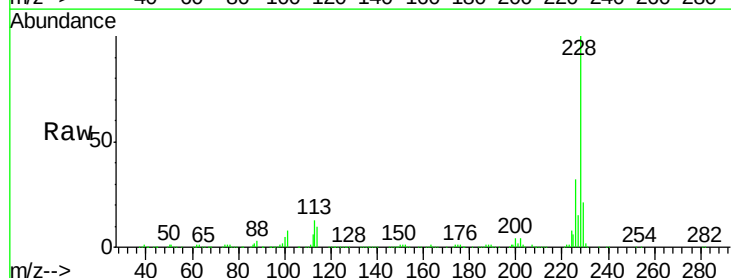
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82
 Chrysene
 Concen: 46.956 ng
 RT: 22.67 min Scan# 3299
 Delta R.T. 0.00 min
 Lab File: BG033042.D
 Acq: 8 Mar 2018 15:59

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.9	37.3
229	20.8	15.0	22.4

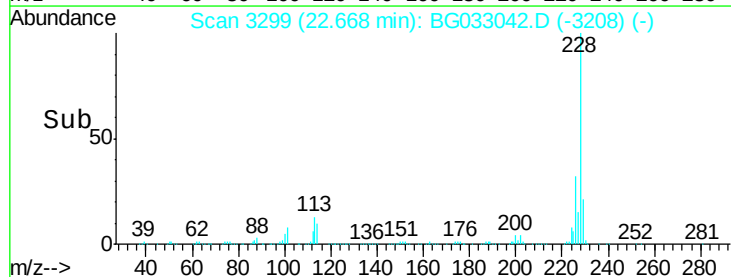
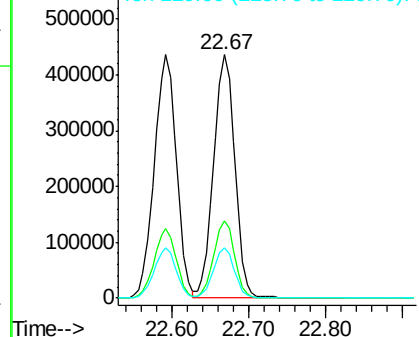


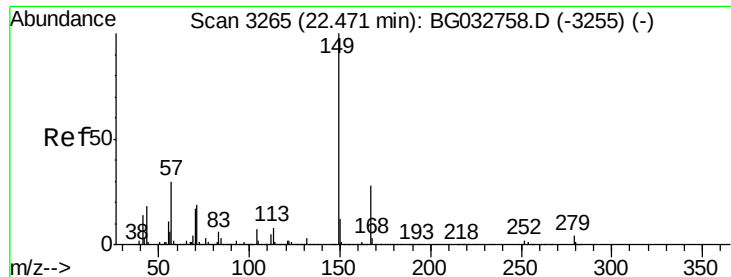
Abundance

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: 49.171 ng

RT: 22.42 min Scan# 3256

Delta R.T. 0.00 min

Lab File: BG033042.D

Acq: 8 Mar 2018 15:59

Instrument :

BNA_G

ClientSampleId :

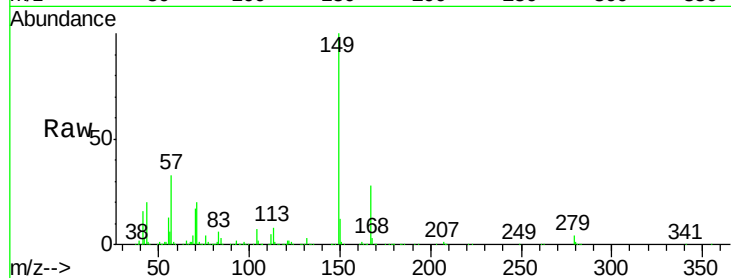
Tot Ion:149 Resp: 653759

Ion Ratio Lower Upper

149 100

167 28.1 24.3 36.5

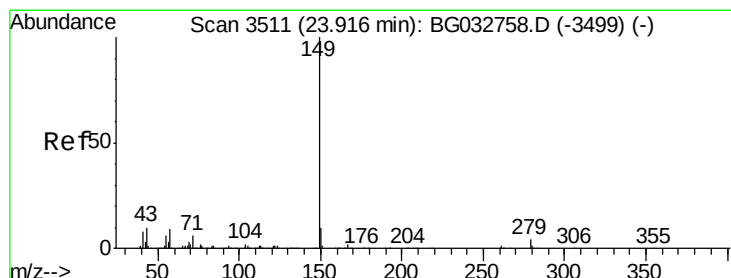
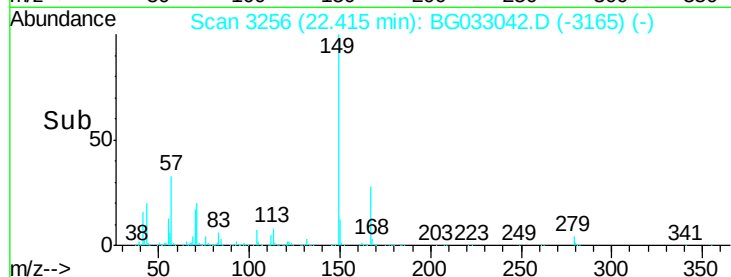
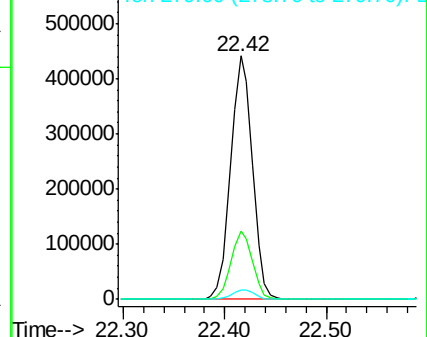
279 3.9 4.0 6.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 55.365 ng

RT: 23.83 min Scan# 3497

Delta R.T. 0.01 min

Lab File: BG033042.D

Acq: 8 Mar 2018 15:59

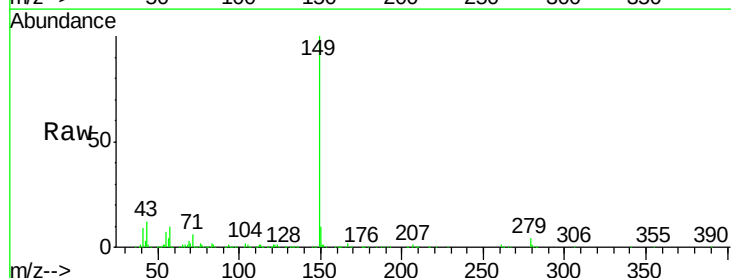
Tgt Ion:149 Resp: 1122025

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

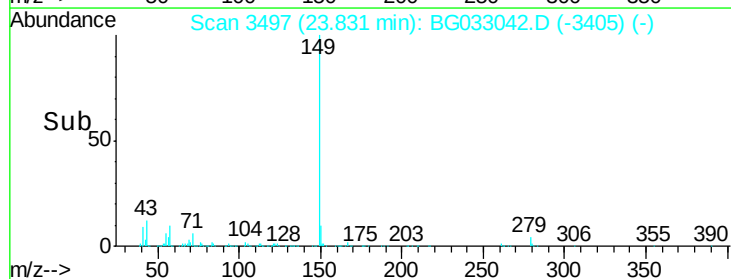
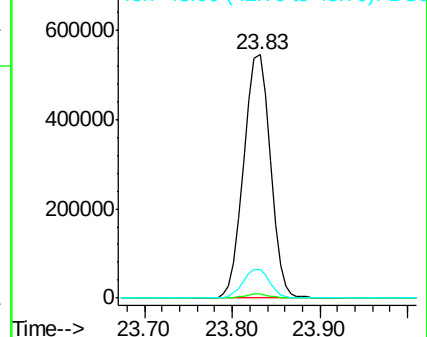
43 11.7 8.9 13.3

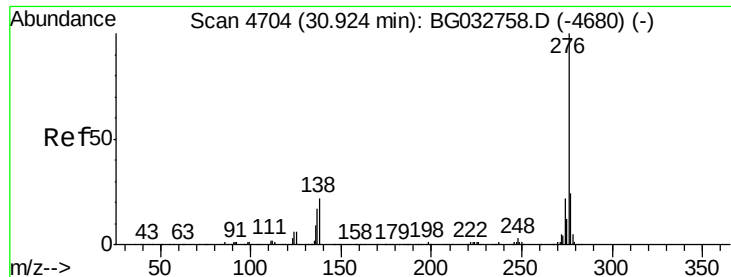


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG

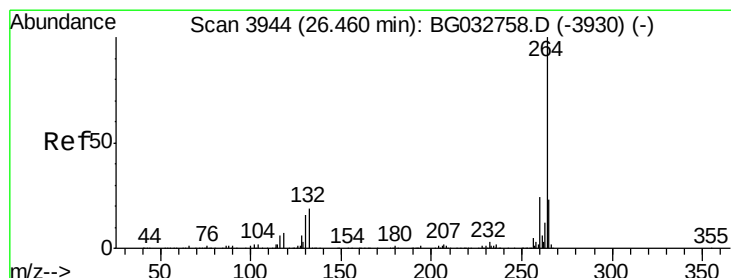
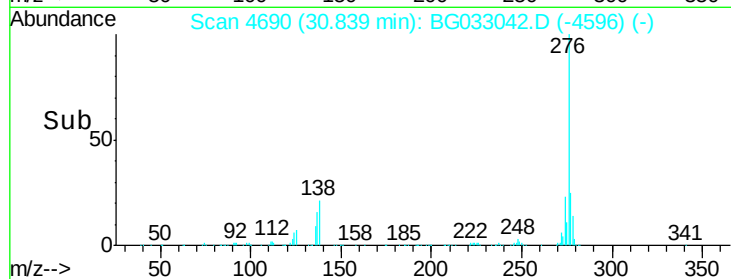
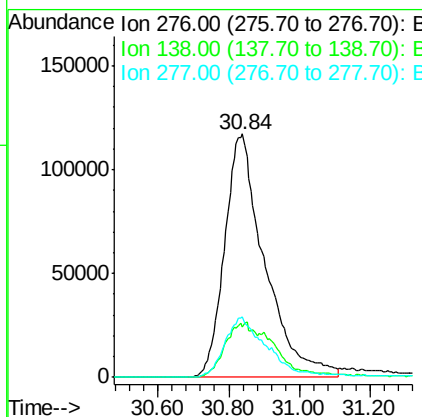
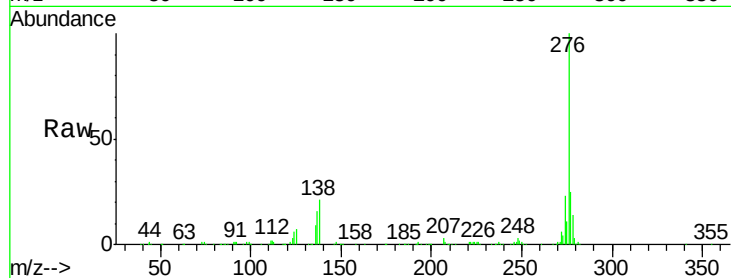




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.070 ng
 RT: 30.84 min Scan# 4690
 Delta R.T. 0.02 min
 Lab File: BG033042.D
 Acq: 8 Mar 2018 15:59

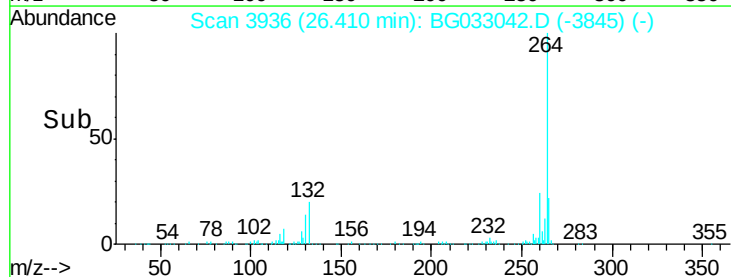
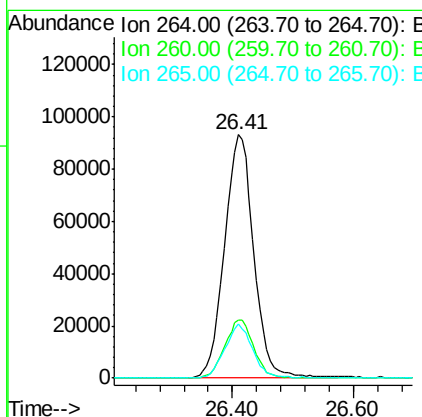
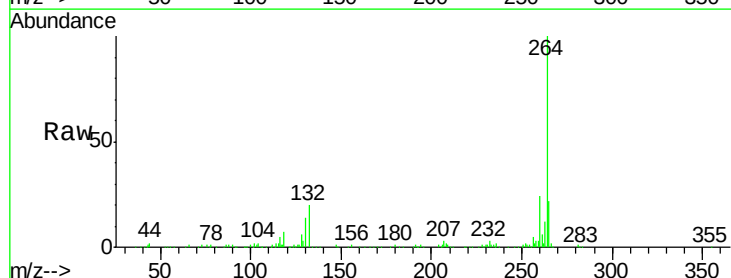
Instrument :
 BNA_G
 ClientSampleId :

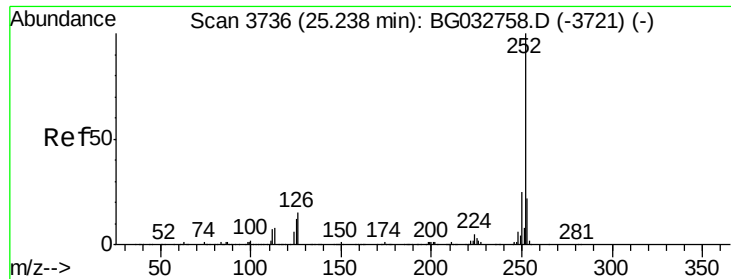
Tot Ion:276 Resp: 924960
 Ion Ratio Lower Upper
 276 100
 138 16.4 16.0 24.0
 277 25.9 20.0 30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.41 min Scan# 3936
 Delta R.T. 0.00 min
 Lab File: BG033042.D
 Acq: 8 Mar 2018 15:59

Tgt Ion:264 Resp: 312927
 Ion Ratio Lower Upper
 264 100
 260 24.0 17.4 26.0
 265 22.3 17.7 26.5

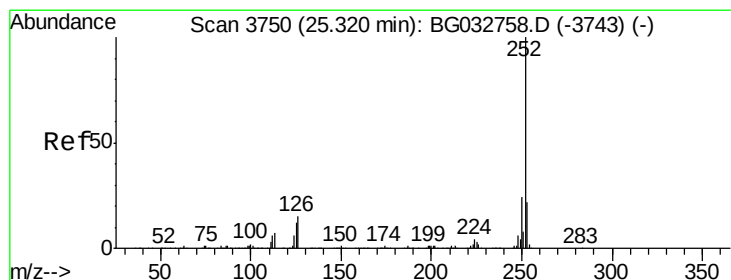
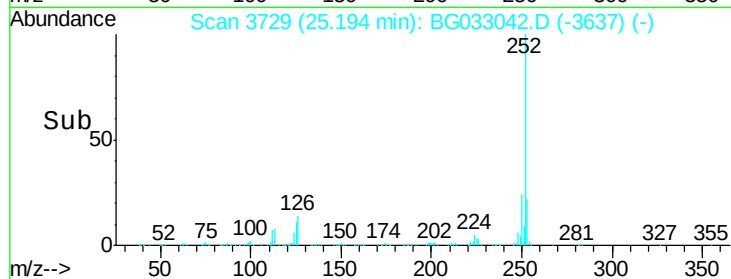
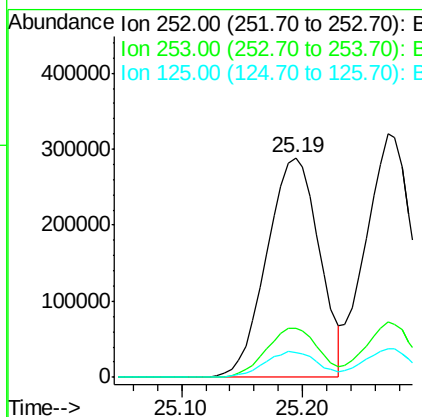
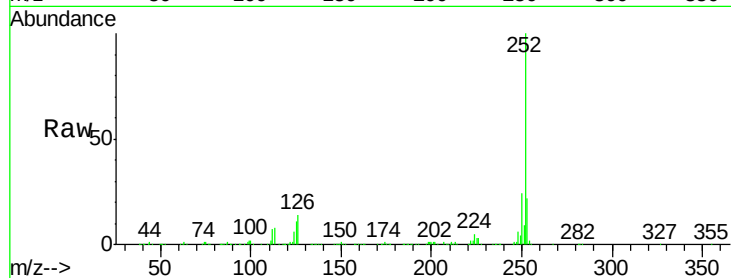




#87
Benzo(b)fluoranthene
Concen: 46.945 ng
RT: 25.19 min Scan# 3729
Delta R.T. 0.01 min
Lab File: BG033042.D
Acq: 8 Mar 2018 15:59

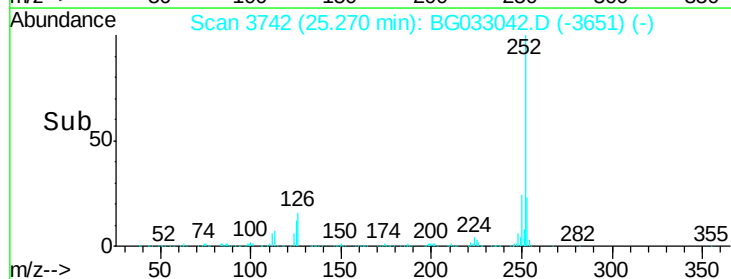
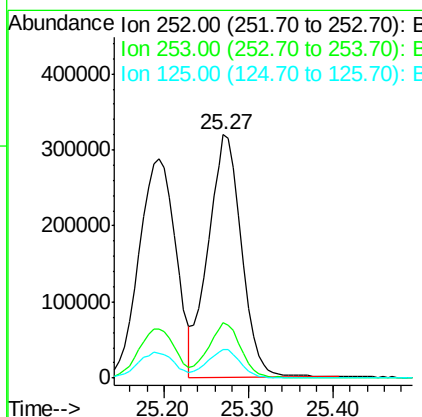
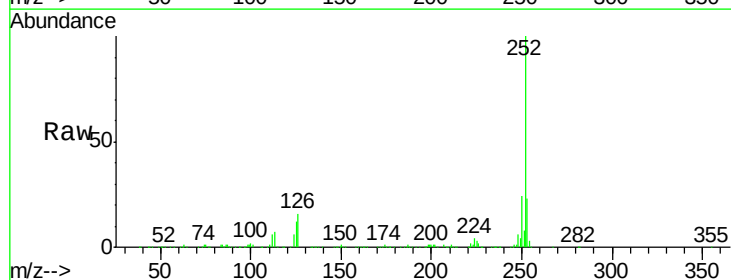
Instrument :
BNA_G
ClientSampleId :

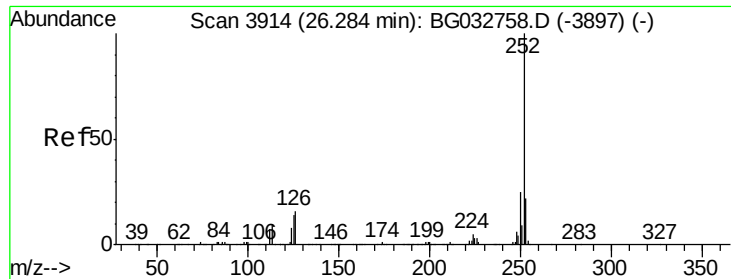
Tot Ion:252 Resp: 868588
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.4
125 11.3 7.2 10.8#



#88
Benzo(k)fluoranthene
Concen: 47.506 ng
RT: 25.27 min Scan# 3742
Delta R.T. 0.00 min
Lab File: BG033042.D
Acq: 8 Mar 2018 15:59

Tgt Ion:252 Resp: 873552
Ion Ratio Lower Upper
252 100
253 22.7 17.4 26.2
125 11.6 6.6 9.8#

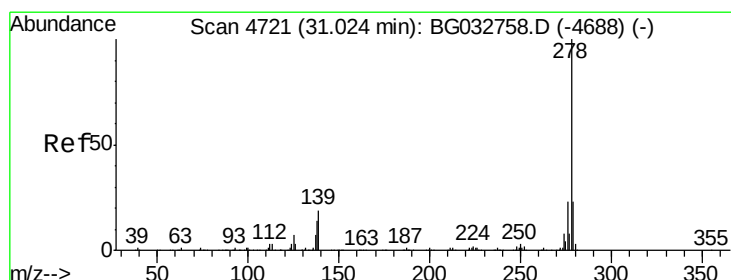
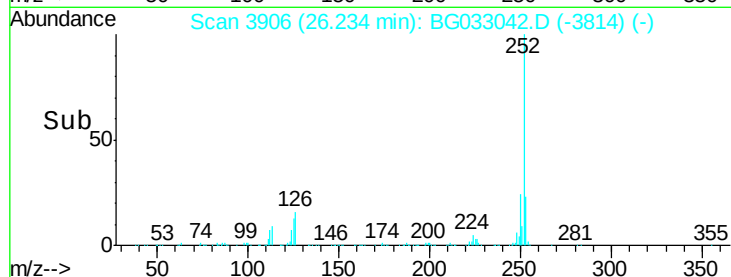
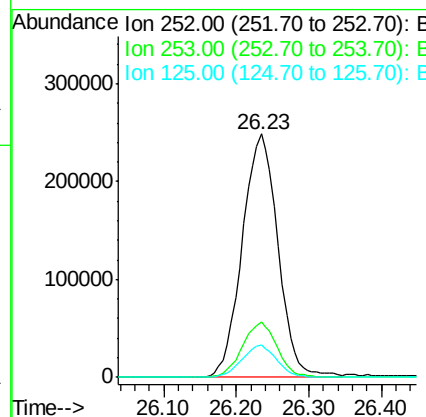
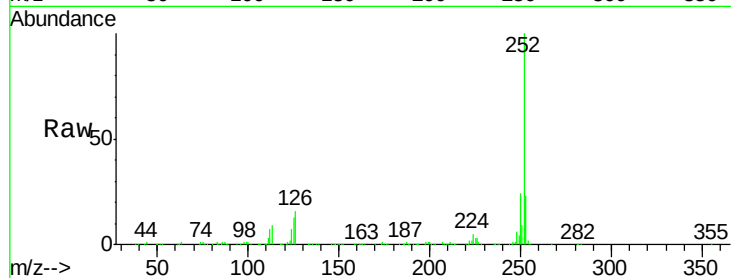




#89
Benzo(a)pyrene
Concen: 48.198 ng
RT: 26.23 min Scan# 3906
Delta R.T. 0.01 min
Lab File: BG033042.D
Acq: 8 Mar 2018 15:59

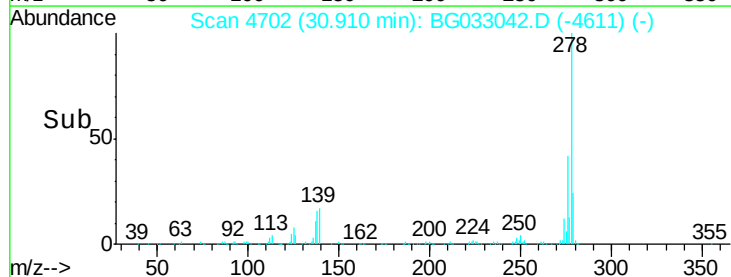
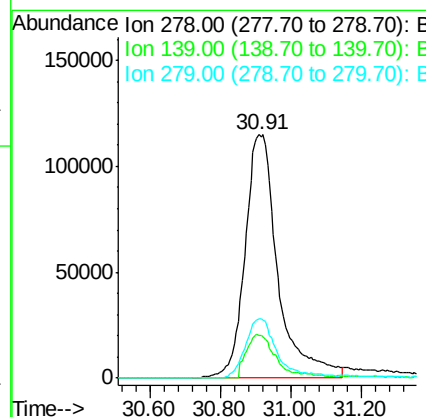
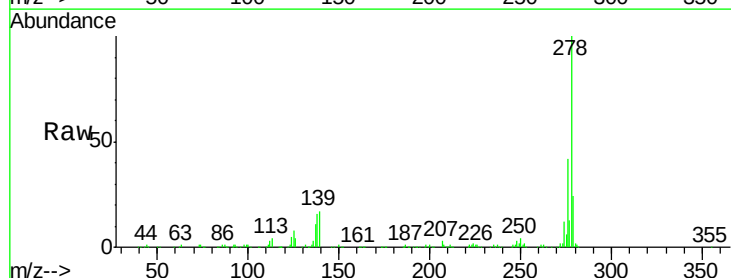
Instrument :
BNA_G
ClientSampleId :

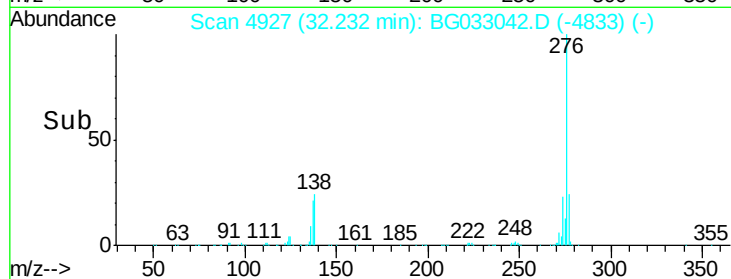
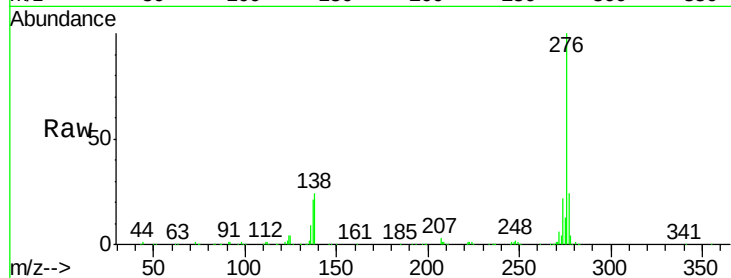
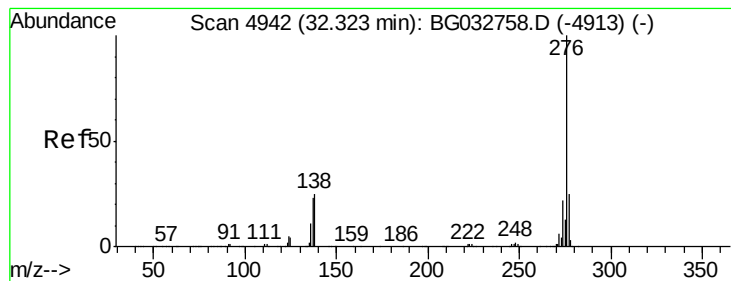
Tot Ion:252 Resp: 848210
Ion Ratio Lower Upper
252 100
253 22.8 18.3 27.5
125 13.1 7.3 10.9#



#90
Dibenzo(a,h)anthracene
Concen: 42.154 ng
RT: 30.91 min Scan# 4702
Delta R.T. 0.00 min
Lab File: BG033042.D
Acq: 8 Mar 2018 15:59

Tgt Ion:278 Resp: 746705
Ion Ratio Lower Upper
278 100
139 17.3 9.8 14.6#
279 24.3 18.4 27.6





#91

Benzo(a,h,i)perylene

Concen: 44.533 ng

RT: 32.23 min Scan# 4927

Delta R.T. 0.02 min

Lab File: BG033042.D

Acq: 8 Mar 2018 15:59

Instrument :

BNA_G

ClientSampleId :

Tot Ion:276 Resp: 777630

Ion Ratio Lower Upper

276 100

277 24.2 18.3 27.5

138 23.9 13.9 20.9#

