

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG030618\
 Data File : BG033025.D
 Acq On : 6 Mar 2018 17:23
 Operator : SJ/JU
 Sample : J1731-06MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 07 02:20:15 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	47707	20.00	ng	0.00
21) Naphthalene-d8	11.80	136	213783	20.00	ng	0.00
38) Acenaphthene-d10	15.53	164	127553	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	305280	20.00	ng	0.00
75) Chrysene-d12	22.61	240	282850	20.00	ng	0.00
86) Perylene-d12	26.41	264	305375	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.32	112	418480	140.34	ng	0.00
7) Phenol-d6	8.01	99	532383	128.09	ng	0.00
23) Nitrobenzene-d5	10.11	82	369088	115.75	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	231997	172.98	ng	0.00
44) 2-Fluorobiphenyl	14.15	172	808345	91.40	ng	0.00
78) Terphenyl-d14	20.77	244	1253548	99.57	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.97	88	50232	38.814	ng	94
3) Pyridine	4.43	79	113013	31.683	ng	95
4) n-Nitrosodimethylamine	4.33	42	79787	55.792	ng	# 84
6) Aniline	8.20	93	41290	7.339	ng	97
8) 2-Chlorophenol	8.46	128	158960	48.702	ng	95
9) Benzaldehyde	8.01	77	49007	20.458	ng	96
10) Phenol	8.03	94	185922	44.374	ng	95
11) bis(2-Chloroethyl)ether	8.29	93	146830	42.856	ng	98
12) 1,3-Dichlorobenzene	8.80	146	158579	41.481	ng	98
13) 1,4-Dichlorobenzene	8.95	146	159496	41.448	ng	95
14) 1,2-Dichlorobenzene	9.28	146	153542	41.638	ng	98
15) Benzyl Alcohol	9.14	79	146187	47.842	ng	94
16) 2,2'-oxybis(1-Chloropropan	9.44	45	284646	48.329	ng	99
17) 2-Methylphenol	9.34	107	141227	45.710	ng	99
18) Hexachloroethane	10.04	117	58182	44.407	ng	# 85
19) n-Nitroso-di-n-propylamine	9.72	70	126108	42.977	ng	# 90
20) 3+4-Methylphenols	9.67	107	190756	44.404	ng	95
22) Acetophenone	9.75	105	236920	43.882	ng	# 98
24) Nitrobenzene	10.15	77	180701	52.337	ng	93
25) Isophorone	10.68	82	352895	47.030	ng	96
26) 2-Nitrophenol	10.88	139	85622	63.670	ng	96
27) 2,4-Dimethylphenol	10.91	122	176612	54.181	ng	90
28) bis(2-Chloroethoxy)methane	11.15	93	208165	47.621	ng	95
29) 2,4-Dichlorophenol	11.42	162	154484	52.218	ng	97
30) 1,2,4-Trichlorobenzene	11.65	180	145717	42.018	ng	97
31) Naphthalene	11.85	128	496298	44.428	ng	100
32) Benzoic acid	11.02	122	107176	51.214	ng	# 81
33) 4-Chloroaniline	11.93	127	33763	6.760	ng	97
34) Hexachlorobutadiene	12.11	225	80446	41.356	ng	97
35) Caprolactam	12.68	113	52337	44.181	ng	99
36) 4-Chloro-3-methylphenol	13.00	107	194937	56.622	ng	95
37) 2-Methylnaphthalene	13.40	142	369037	45.662	ng	94
39) 1,2,4,5-Tetrachlorobenzene	13.75	216	155142	40.973	ng	# 96
40) Hexachlorocyclopentadiene	13.73	237	187323	97.073	ng	92

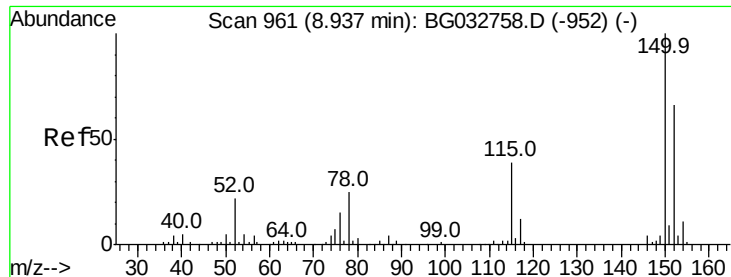
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG030618\
 Data File : BG033025.D
 Acq On : 6 Mar 2018 17:23
 Operator : SJ/JU
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Instrument :
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Quant Time: Mar 07 02:20:15 2018
 Quant Method : 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)
42) 2,4,6-Trichlorophenol	13.97	196	125160	52.415	nq	97
43) 2,4,5-Trichlorophenol	14.04	196	138307	50.044	nq #	97
45) 1,1'-Biphenyl	14.37	154	474118	42.536	nq	96
46) 2-Chloronaphthalene	14.43	162	360048	43.243	nq	96
47) 2-Nitroaniline	14.61	65	137731	61.988	nq	97
48) Acenaphthylene	15.26	152	608303	44.624	nq	99
49) Dimethylphthalate	14.95	163	496910	45.881	nq	99
50) 2,6-Dinitrotoluene	15.08	165	112481	60.013	nq	91
51) Acenaphthene	15.59	154	429714	50.617	nq	98
52) 3-Nitroaniline	15.41	138	27033	17.817	nq #	83
53) 2,4-Dinitrophenol	15.61	184	103948	142.025	nq	98
54) Dibenzofuran	15.92	168	569135	47.082	nq	93
55) 4-Nitrophenol	15.68	139	176944	98.018	nq	90
56) 2,4-Dinitrotoluene	15.86	165	157824	67.544	nq	89
57) Fluorene	16.56	166	469392	47.047	nq	99
58) 2,3,4,6-Tetrachlorophenol	16.05	232	119111	55.511	nq	94
59) Diethylphthalate	16.29	149	543436	47.573	nq	97
60) 4-Chlorophenyl-phenylether	16.53	204	230918	47.312	nq #	87
61) 4-Nitroaniline	16.56	138	89252	39.163	nq	83
62) Azobenzene	16.83	77	498286	48.759	nq	96
64) 4,6-Dinitro-2-methylphenol	16.61	198	71431	68.576	nq	91
65) n-Nitrosodiphenylamine	16.75	169	437387	44.042	nq	97
66) 4-Bromophenyl-phenylether	17.43	248	141672	43.888	nq #	87
67) Hexachlorobenzene	17.56	284	148278	42.506	nq #	93
68) Atrazine	17.67	200	148882	45.544	nq	96
69) Pentachlorophenol	17.89	266	199029	90.580	nq	98
70) Phenanthrene	18.30	178	771003	45.269	nq	98
71) Anthracene	18.39	178	792355	46.340	nq	99
72) Carbazole	18.64	167	732229	43.446	nq	97
73) Di-n-butylphthalate	19.14	149	937173	45.326	nq	99
74) Fluoranthene	20.25	202	858008	45.606	nq	95
76) Benzidine	20.41	184	53373	5.536	nq	95
77) Pyrene	20.60	202	862972	43.264	nq	97
79) Butylbenzylphthalate	21.47	149	444060	50.212	nq	91
80) Benzo(a)anthracene	22.59	228	834048	45.984	nq	100
81) 3,3'-Dichlorobenzidine	22.47	252	97324	14.488	nq	98
82) Chrysene	22.67	228	787980	45.479	nq	98
83) Bis(2-ethylhexyl)phthalate	22.41	149	628660	48.023	nq #	96
84) Di-n-octyl phthalate	23.83	149	1075973	53.924	nq	99
85) Indeno(1,2,3-cd)pyrene	30.82	276	863830	42.751	nq #	88
87) Benzo(b)fluoranthene	25.19	252	839997	46.522	nq #	97
88) Benzo(k)fluoranthene	25.27	252	828027	46.144	nq #	98
89) Benzo(a)pyrene	26.23	252	812753	47.326	nq #	96
90) Dibenzo(a,h)anthracene	30.90	278	739077	42.755	nq #	96
91) Benzo(g,h,i)perylene	32.22	276	737009	43.251	nq #	94

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

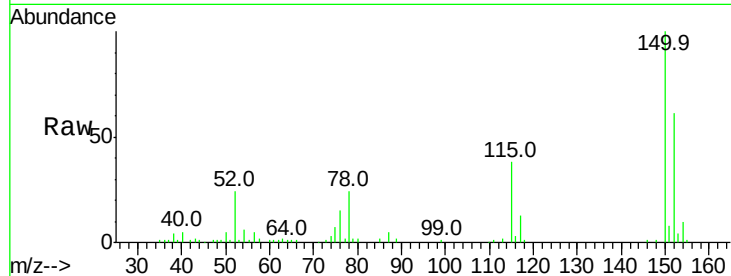


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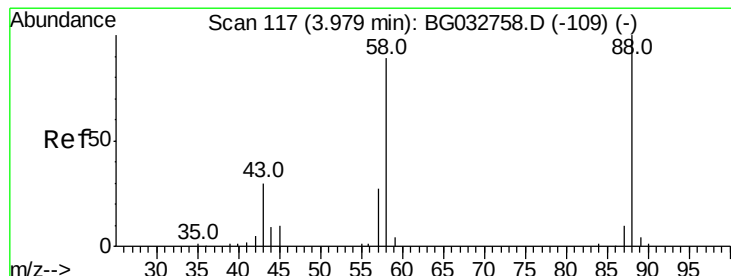
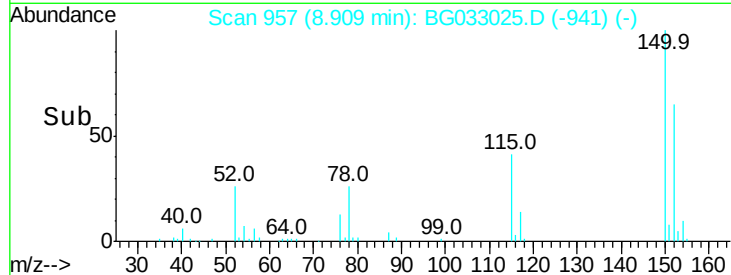
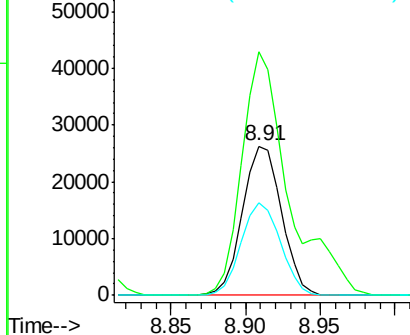
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.00 min
Lab File: BG033025.D
Acq: 6 Mar 2018 17:23

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 47707
Ion Ratio Lower Upper
152 100
150 163.3 126.6 189.8
115 62.4 53.0 79.4



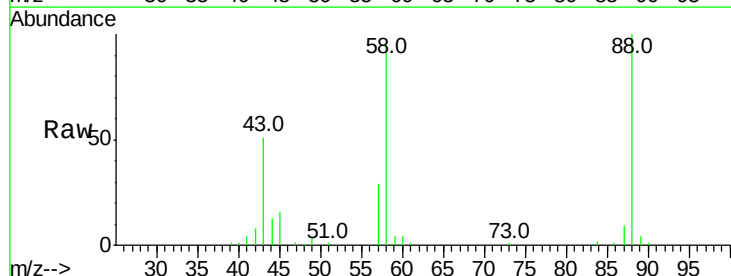
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



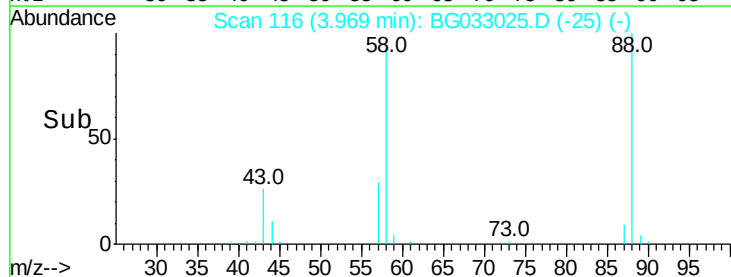
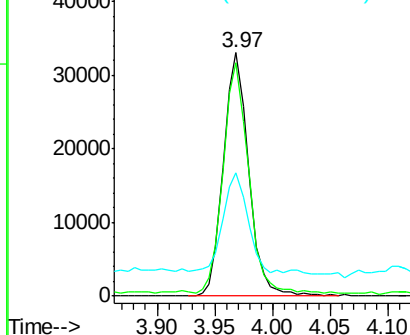
#2

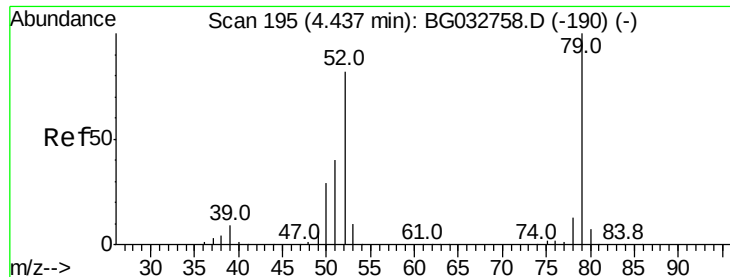
1,4-Dioxane
Concen: 38.814 ng
RT: 3.97 min Scan# 116
Delta R.T. 0.00 min
Lab File: BG033025.D
Acq: 6 Mar 2018 17:23

Tgt Ion: 88 Resp: 50232
Ion Ratio Lower Upper
88 100
58 94.9 79.6 119.4
43 39.9 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: 31.683 ng

RT: 4.43 min Scan# 195

Delta R.T. 0.01 min

Lab File: BG033025.D

Acq: 6 Mar 2018 17:23

Instrument :

BNA_G

ClientSampleId :

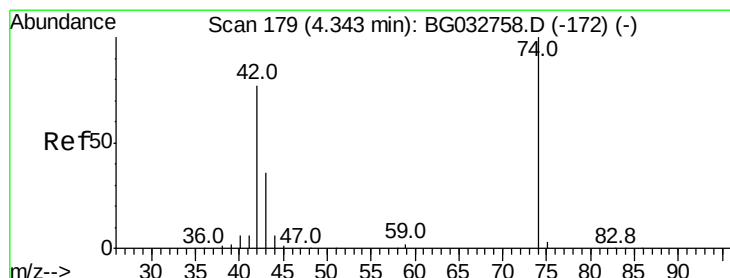
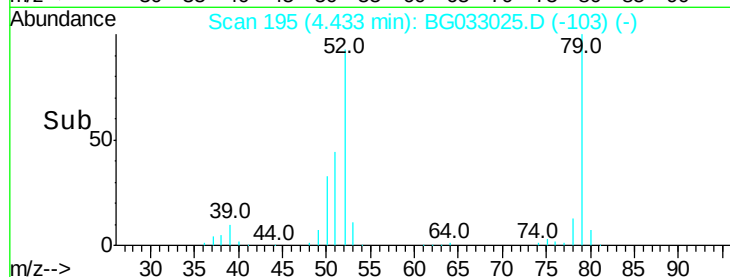
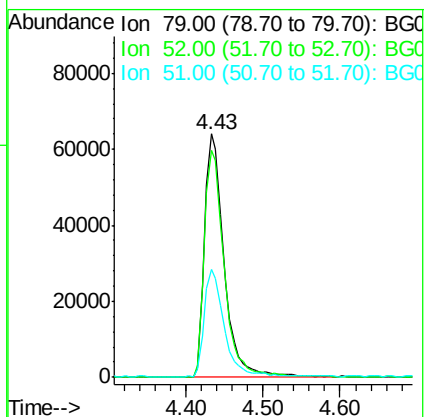
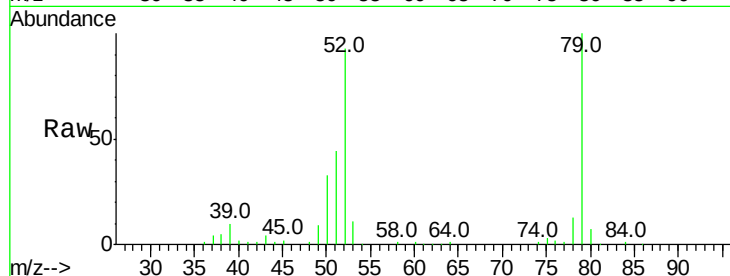
Tot Ion: 79 Resp: 113013

Ion Ratio Lower Upper

79 100

52 93.2 69.9 104.9

51 44.4 34.0 51.0



#4

n-Nitrosodimethylamine

Concen: 55.792 ng

RT: 4.33 min Scan# 177

Delta R.T. 0.00 min

Lab File: BG033025.D

Acq: 6 Mar 2018 17:23

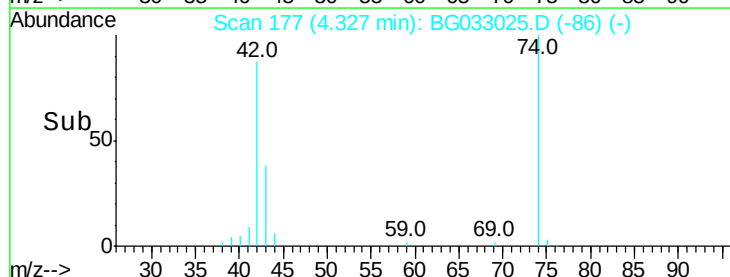
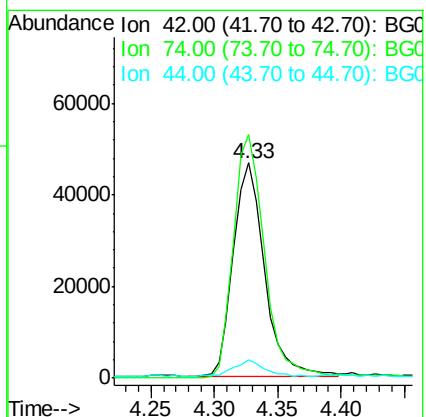
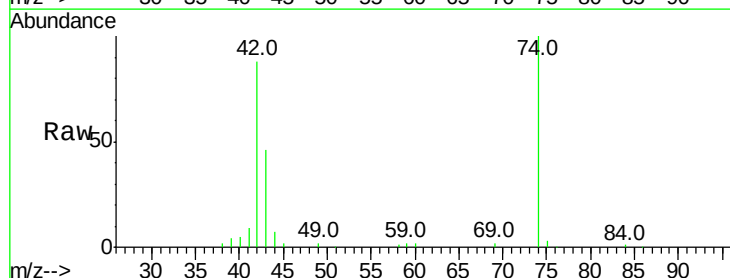
Tgt Ion: 42 Resp: 79787

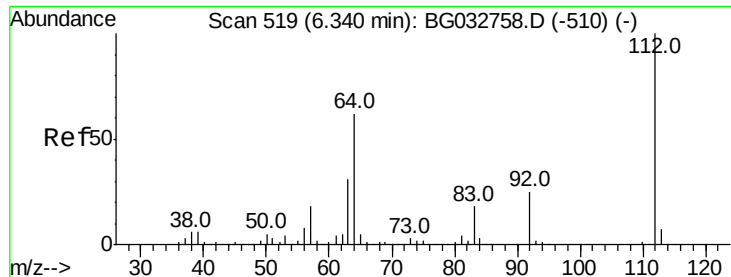
Ion Ratio Lower Upper

42 100

74 113.2 102.5 153.7

44 8.3 18.9 28.3#





#5

2-Fluorophenol

Concen: 140.337 ng

RT: 6.32 min Scan# 517

Delta R.T. 0.00 min

Lab File: BG033025.D

Acq: 6 Mar 2018 17:23

Instrument :

BNA_G

ClientSampleId :

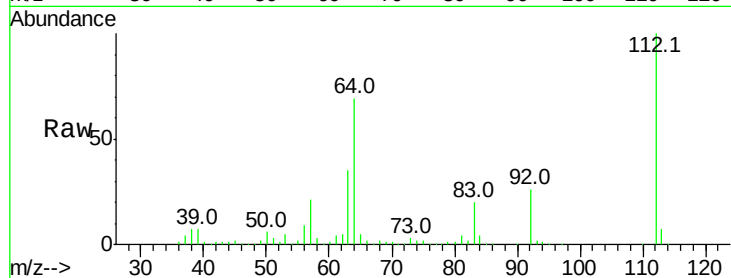
Tot Ion:112 Resp: 418480

Ion Ratio Lower Upper

112 100

64 68.8 56.3 84.5

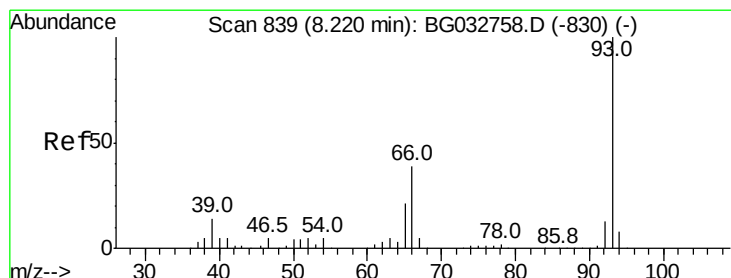
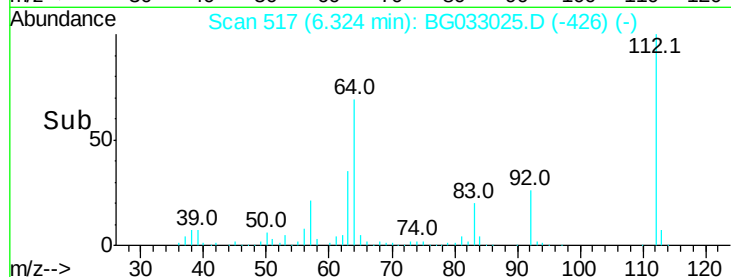
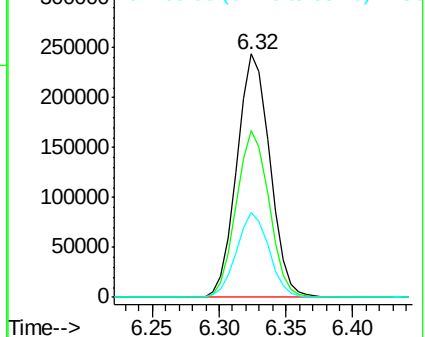
63 34.8 30.1 45.1



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: 7.339 ng

RT: 8.20 min Scan# 837

Delta R.T. 0.00 min

Lab File: BG033025.D

Acq: 6 Mar 2018 17:23

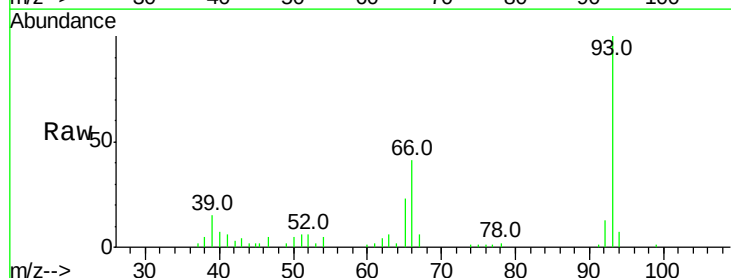
Tgt Ion: 93 Resp: 41290

Ion Ratio Lower Upper

93 100

66 40.6 33.7 50.5

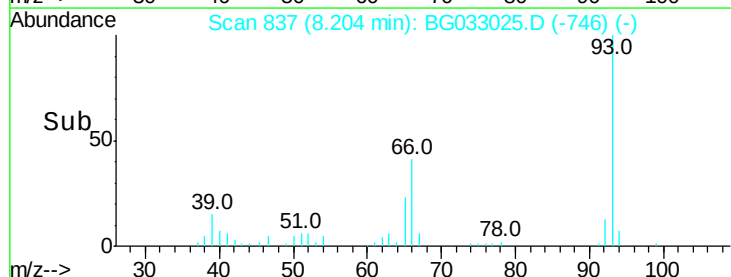
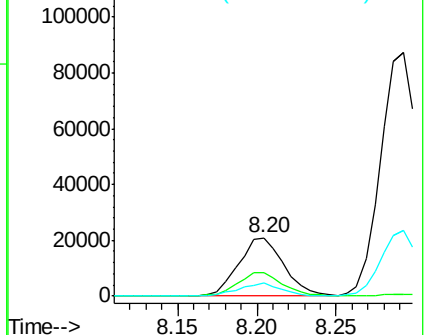
65 22.7 16.1 24.1

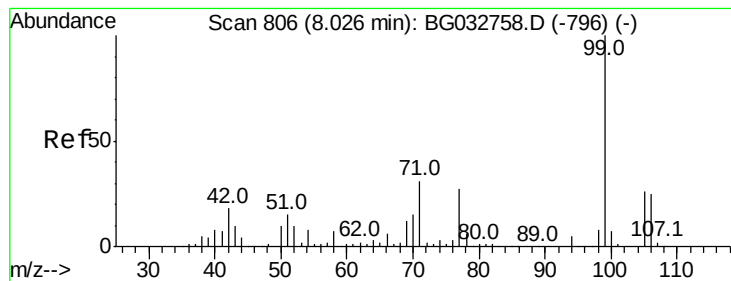


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 128.086 ng

RT: 8.01 min Scan# 804

Delta R.T. 0.00 min

Lab File: BG033025.D

Acq: 6 Mar 2018 17:23

Instrument :

BNA_G

ClientSampleId :

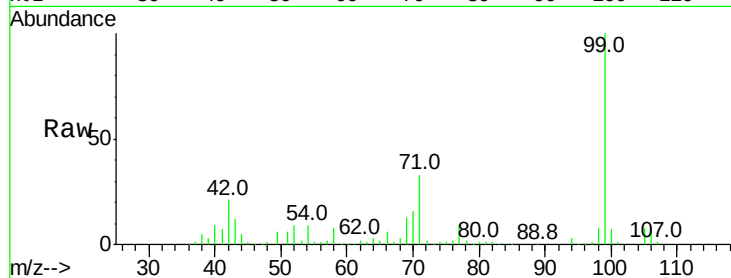
Tot Ion: 99 Resp: 532383

Ion Ratio Lower Upper

99 100

42 21.3 14.1 21.1#

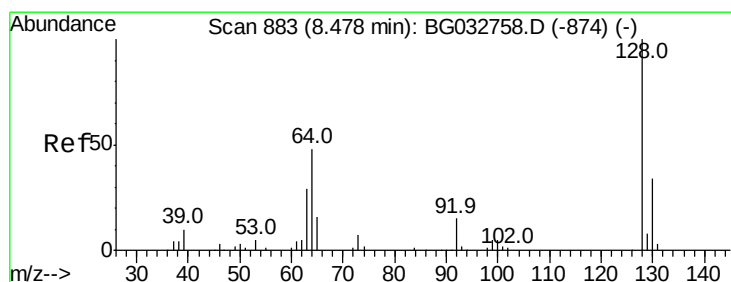
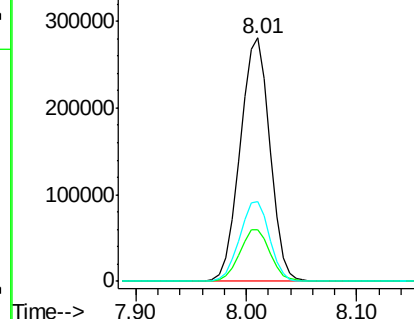
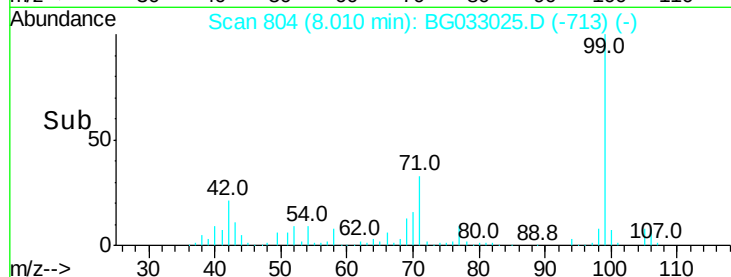
71 33.0 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 48.702 ng

RT: 8.46 min Scan# 880

Delta R.T. 0.00 min

Lab File: BG033025.D

Acq: 6 Mar 2018 17:23

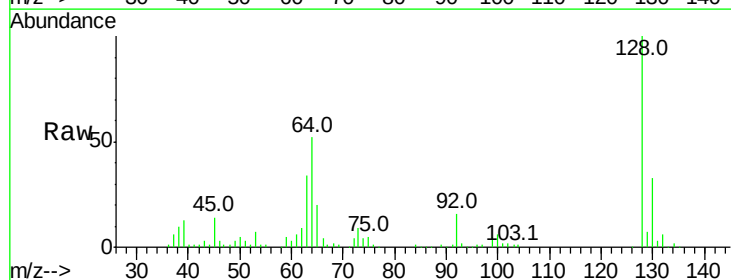
Tgt Ion:128 Resp: 158960

Ion Ratio Lower Upper

128 100

130 33.2 14.0 54.0

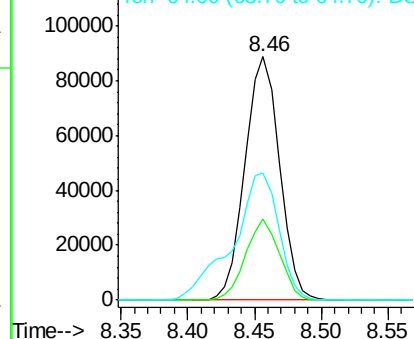
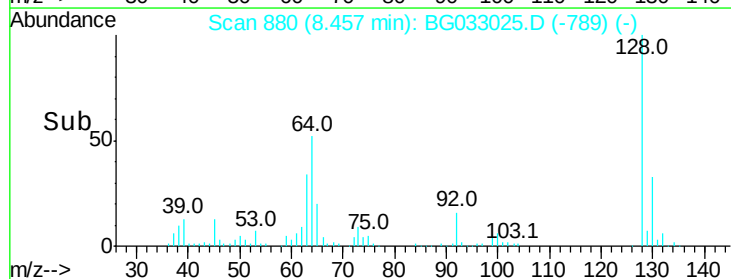
64 52.1 37.7 77.7

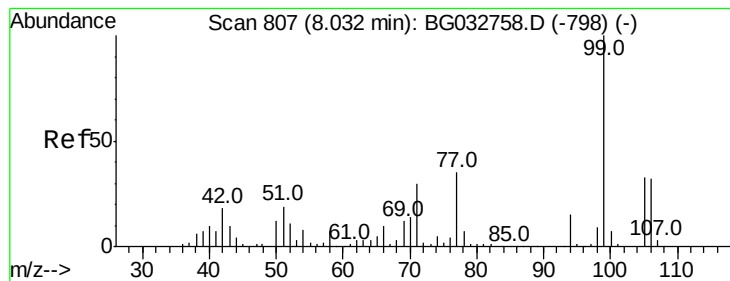


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 20.458 ng

RT: 8.01 min Scan# 804

Delta R.T. 0.00 min

Lab File: BG033025.D

Acq: 6 Mar 2018 17:23

Instrument :

BNA_G

ClientSampleId :

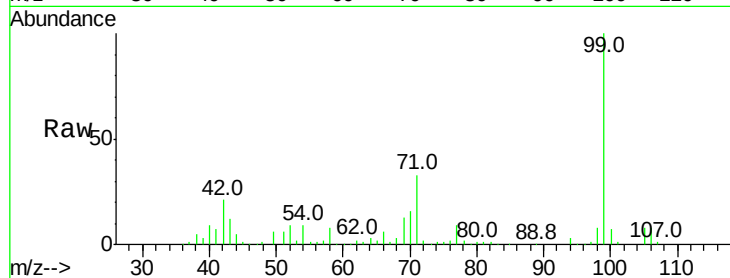
Tot Ion: 77 Resp: 49007

Ion Ratio Lower Upper

77 100

105 89.4 71.3 111.3

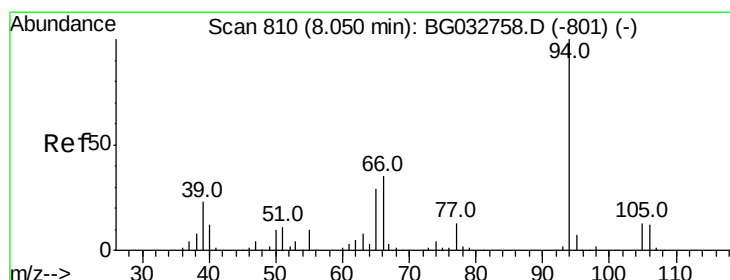
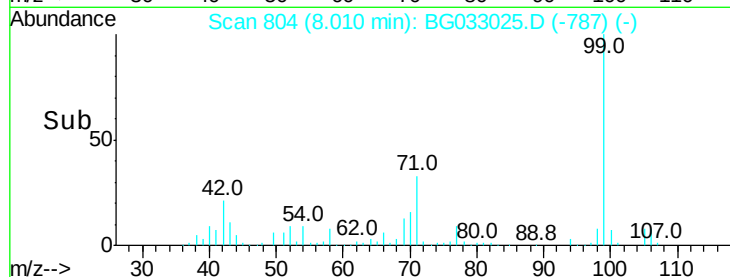
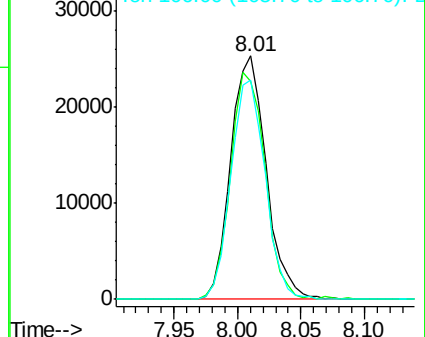
106 89.8 64.2 104.2



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 44.374 ng

RT: 8.03 min Scan# 808

Delta R.T. 0.00 min

Lab File: BG033025.D

Acq: 6 Mar 2018 17:23

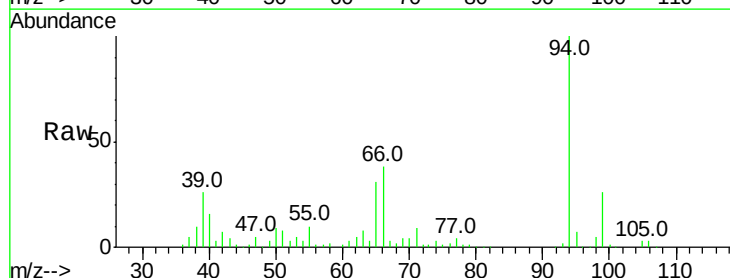
Tgt Ion: 94 Resp: 185922

Ion Ratio Lower Upper

94 100

65 30.7 11.9 51.9

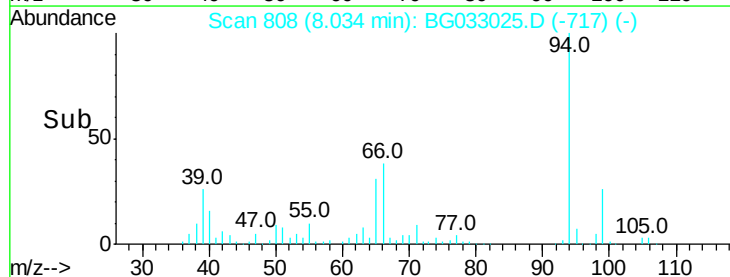
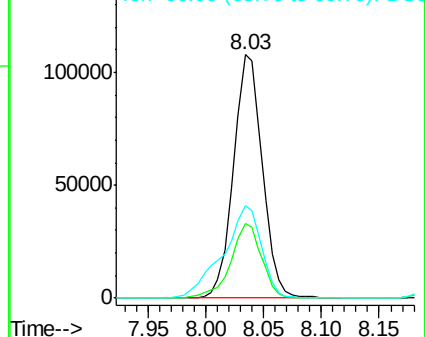
66 37.9 22.2 62.2

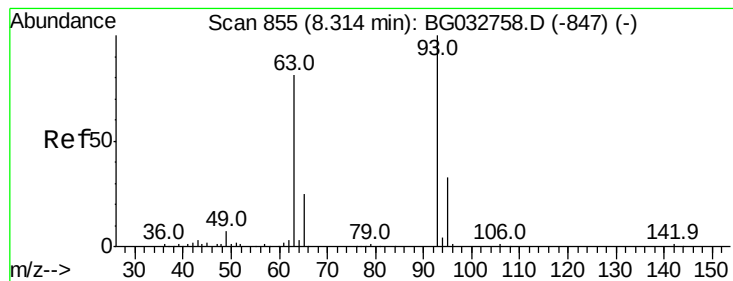


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 42.856 ng

RT: 8.29 min Scan# 852

Delta R.T. 0.00 min

Lab File: BG033025.D

Acq: 6 Mar 2018 17:23

Instrument :

BNA_G

ClientSampled :

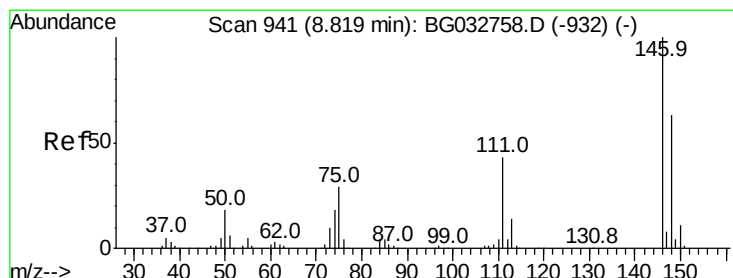
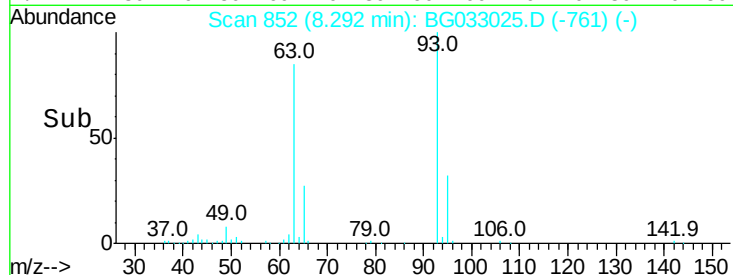
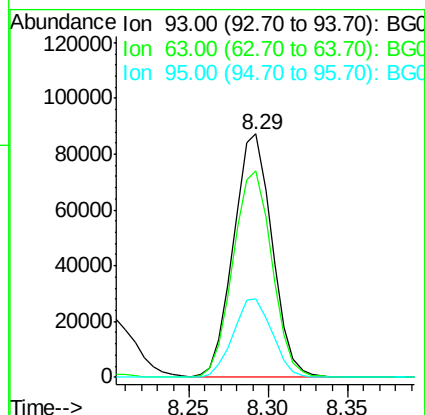
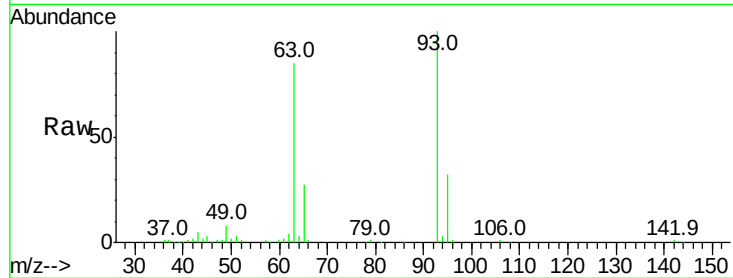
Tot Ion: 93 Resp: 146830

Ion Ratio Lower Upper

93 100

63 85.0 67.1 107.1

95 32.2 11.5 51.5



#12

1,3-Dichlorobenzene

Concen: 41.481 ng

RT: 8.80 min Scan# 938

Delta R.T. 0.00 min

Lab File: BG033025.D

Acq: 6 Mar 2018 17:23

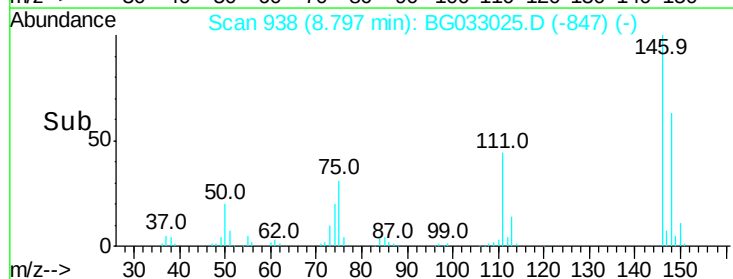
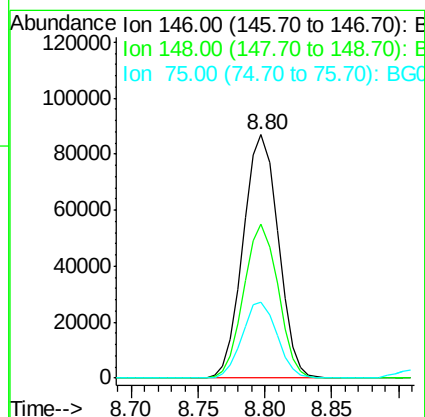
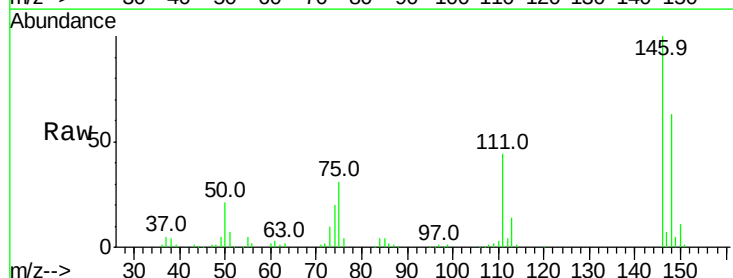
Tgt Ion: 146 Resp: 158579

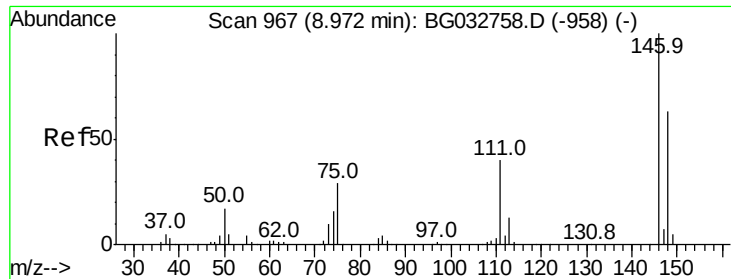
Ion Ratio Lower Upper

146 100

148 63.1 51.4 77.2

75 31.4 26.6 39.8

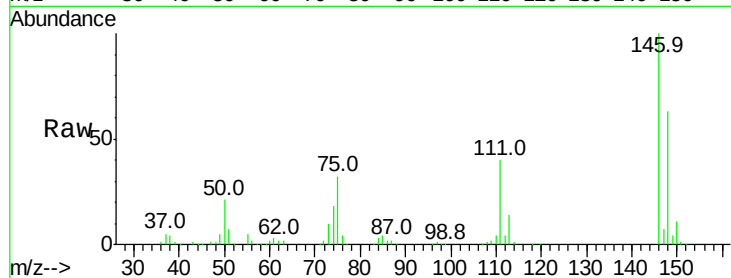




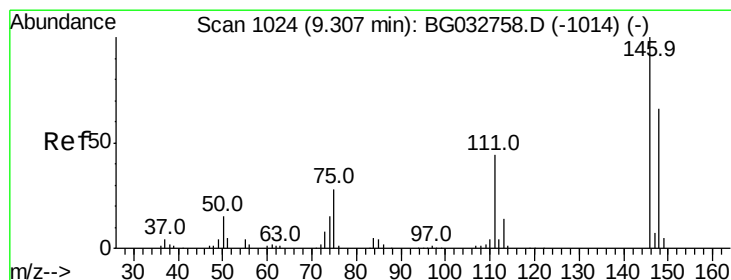
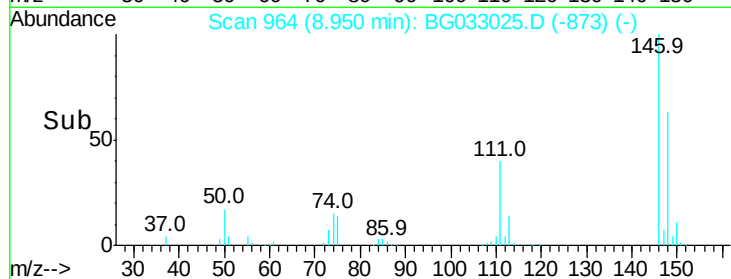
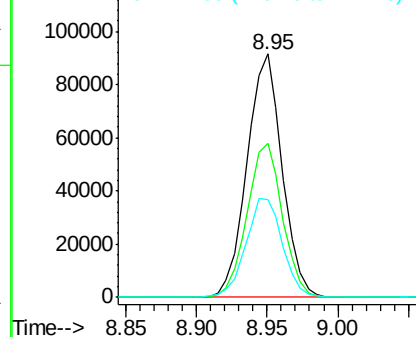
#13
 1,4-Dichlorobenzene
 Concen: 41.448 ng
 RT: 8.95 min Scan# 964
 Delta R.T. 0.00 min
 Lab File: BG033025.D
 Acq: 6 Mar 2018 17:23

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 159496
 Ion Ratio Lower Upper
 146 100
 148 63.2 53.7 80.5
 111 40.1 35.2 52.8

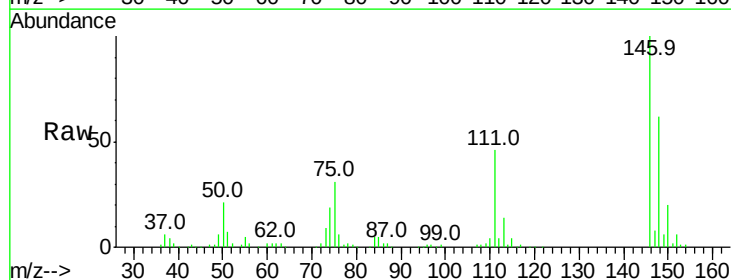


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

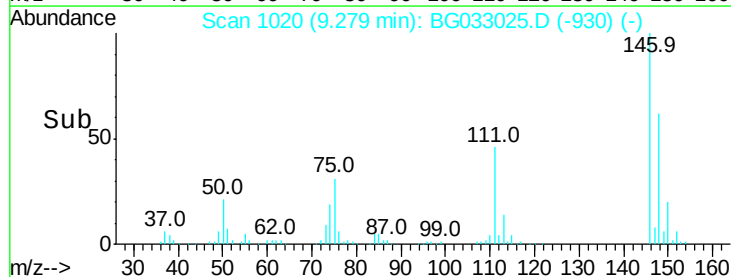
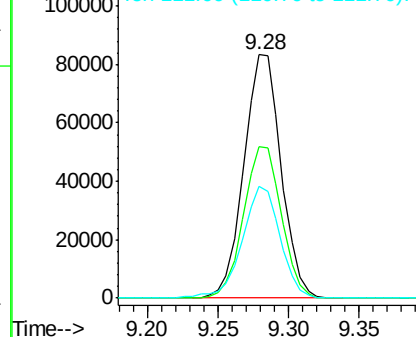


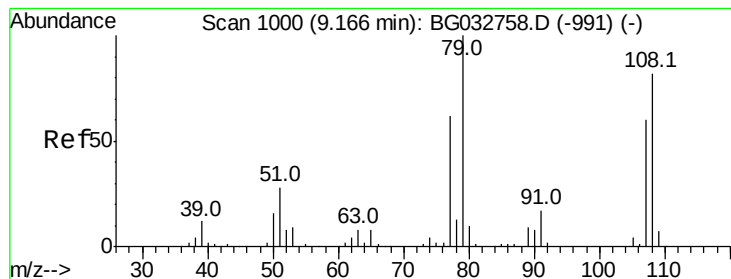
#14
 1,2-Dichlorobenzene
 Concen: 41.638 ng
 RT: 9.28 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG033025.D
 Acq: 6 Mar 2018 17:23

Tgt Ion:146 Resp: 153542
 Ion Ratio Lower Upper
 146 100
 148 62.4 49.3 73.9
 111 45.7 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: 47.842 ng

RT: 9.14 min Scan# 997

Delta R.T. 0.00 min

Lab File: BG033025.D

Acq: 6 Mar 2018 17:23

Instrument :

BNA_G

ClientSampleId :

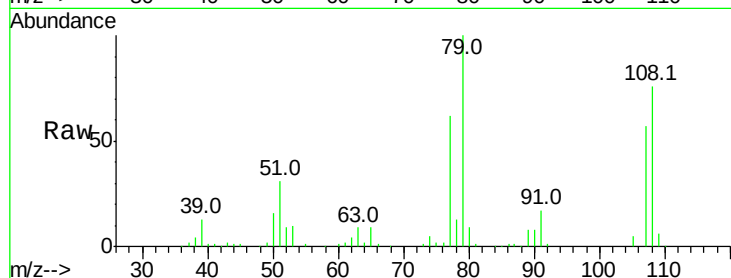
Tot Ion: 79 Resp: 146187

Ion Ratio Lower Upper

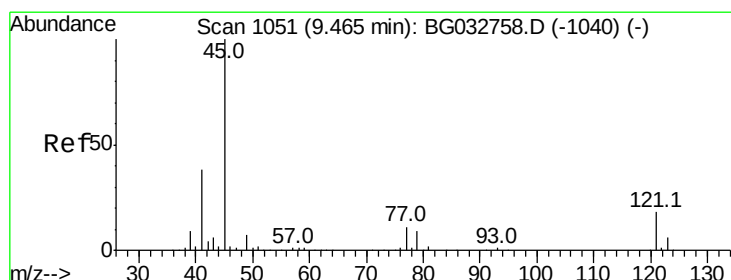
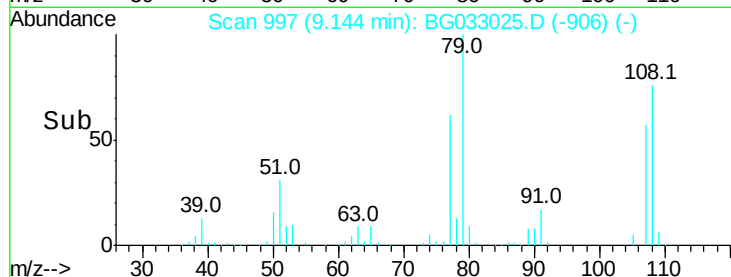
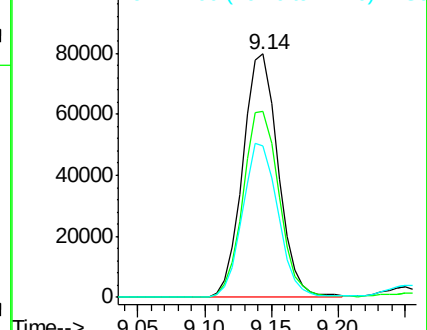
79 100

108 76.5 57.2 85.8

77 62.0 46.1 69.1



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 48.329 ng

RT: 9.44 min Scan# 1047

Delta R.T. 0.00 min

Lab File: BG033025.D

Acq: 6 Mar 2018 17:23

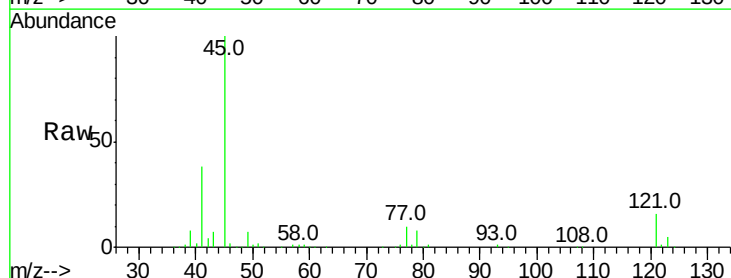
Tgt Ion: 45 Resp: 284646

Ion Ratio Lower Upper

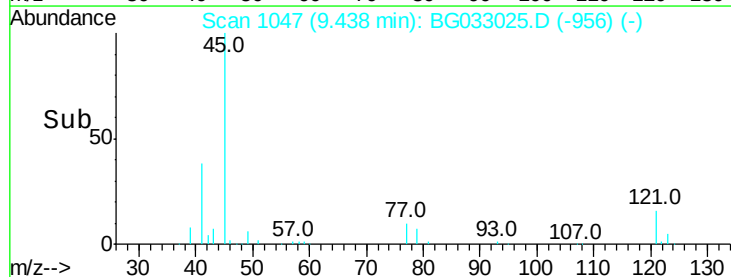
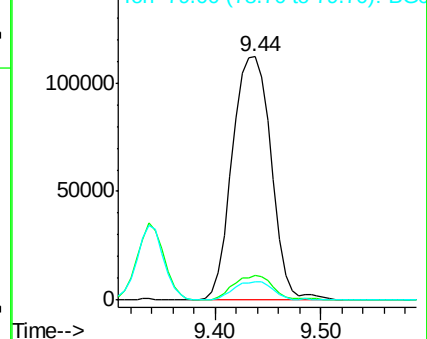
45 100

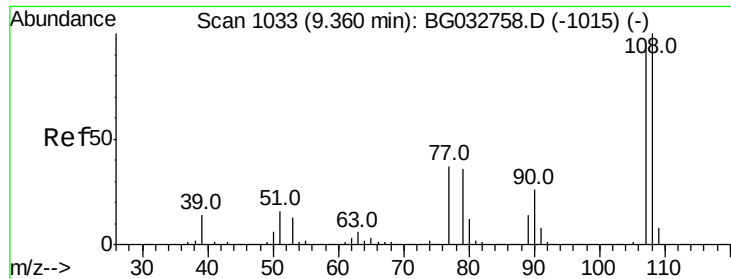
77 10.3 0.0 30.2

79 7.5 0.0 27.9



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





#17

2-Methylphenol

Concen: 45.710 ng

RT: 9.34 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BG033025.D

Acq: 6 Mar 2018 17:23

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 141227

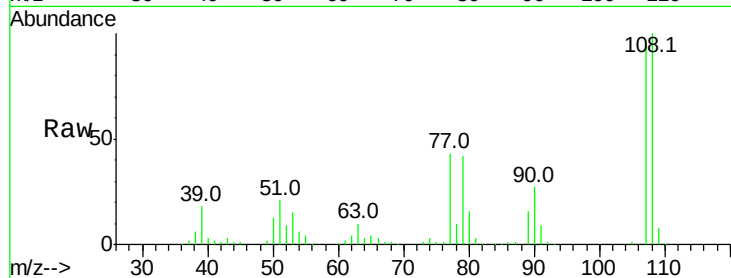
Ion Ratio Lower Upper

107 100

108 105.1 83.9 125.9

77 45.6 37.2 55.8

79 43.9 36.2 54.2

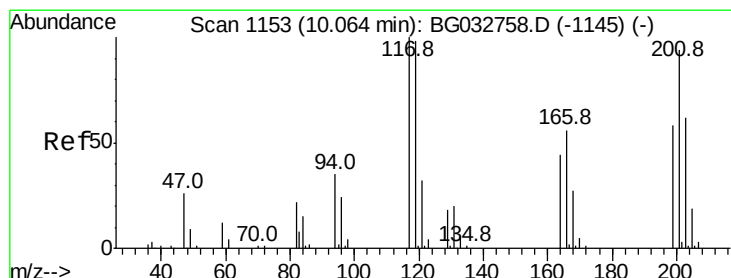
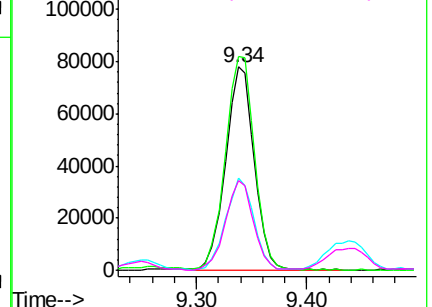
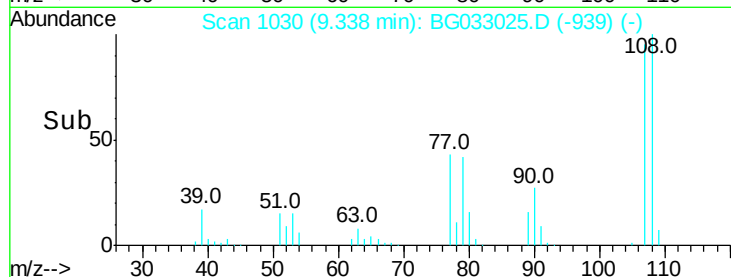


Abundance Ion 107.00 (106.70 to 107.70): E

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: 44.407 ng

RT: 10.04 min Scan# 1150

Delta R.T. 0.00 min

Lab File: BG033025.D

Acq: 6 Mar 2018 17:23

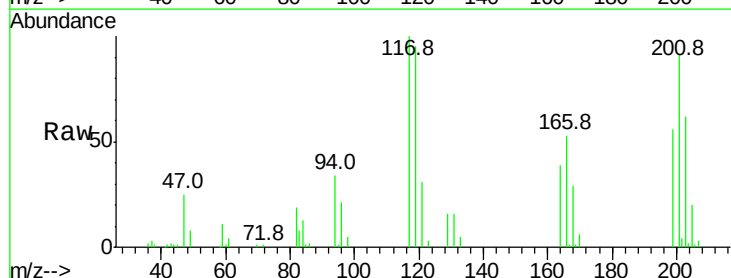
Tgt Ion:117 Resp: 58182

Ion Ratio Lower Upper

117 100

119 94.7 76.7 115.1

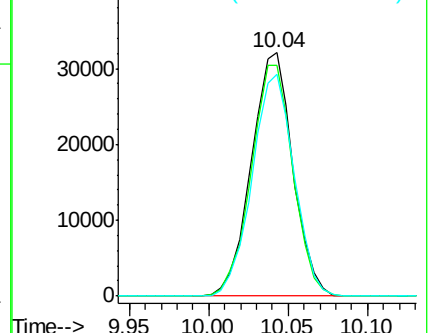
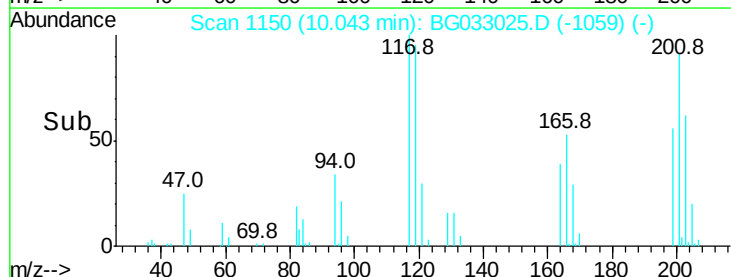
201 91.0 95.7 143.5#

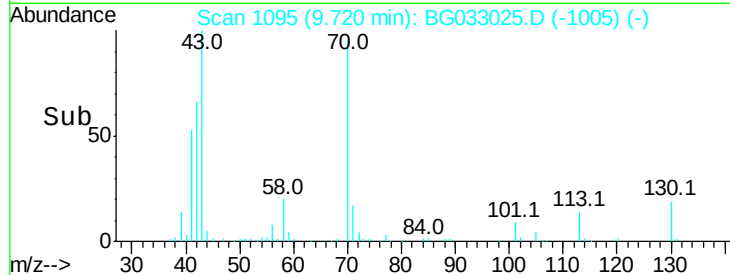
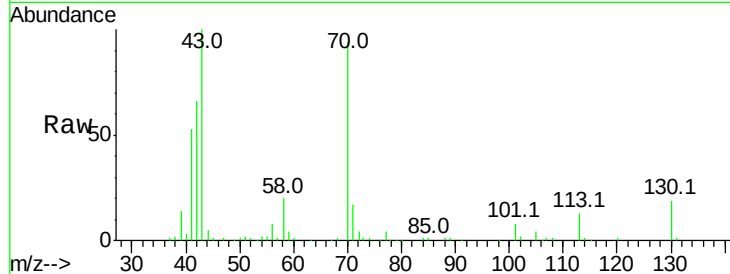
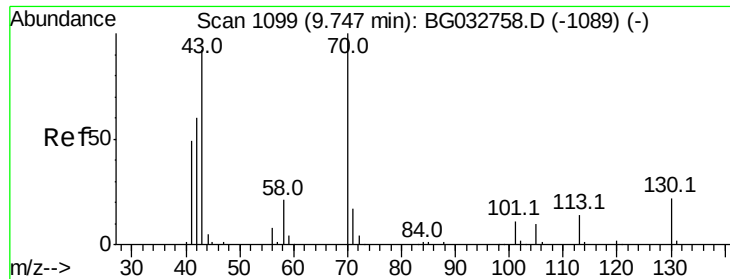


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

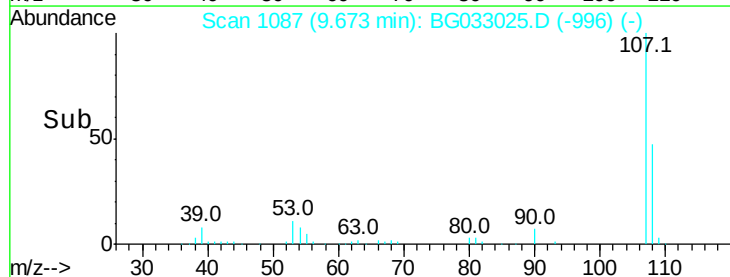
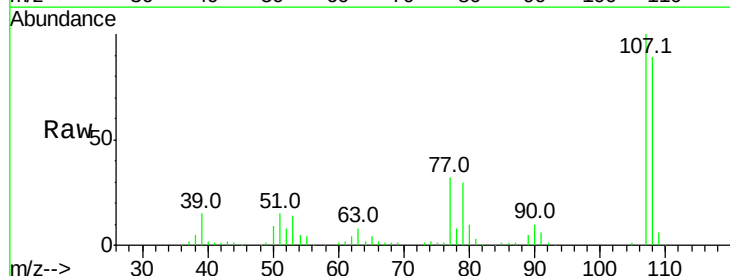
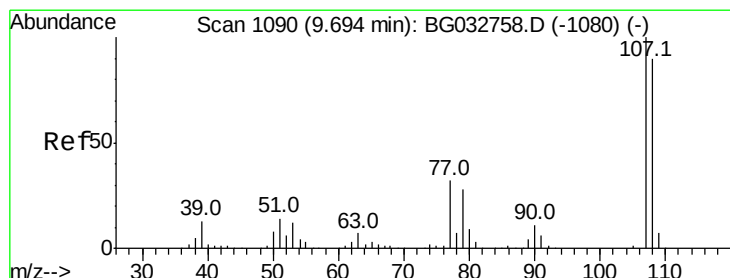
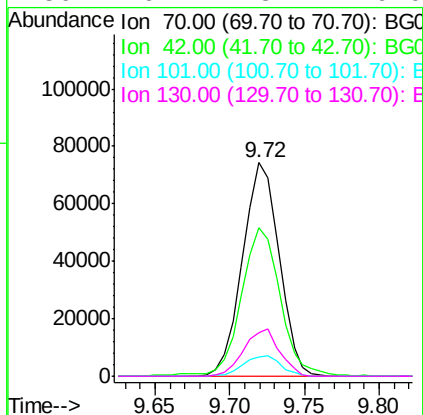




#19
n-Nitroso-di-n-propylamine
Concen: 42.977 ng
RT: 9.72 min Scan# 1095
Delta R.T. -0.00 min
Lab File: BG033025.D
Acq: 6 Mar 2018 17:23

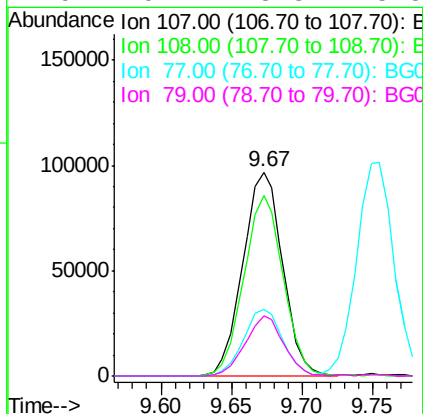
Instrument :
BNA_G
ClientSampleId :

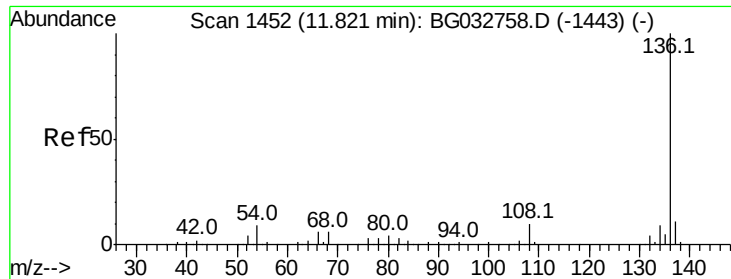
Tot Ion: 70 Resp: 126108
Ion Ratio Lower Upper
70 100
42 69.7 49.1 73.7
101 9.0 8.5 12.7
130 20.2 13.4 20.0#



#20
3+4-Methylphenols
Concen: 44.404 ng
RT: 9.67 min Scan# 1087
Delta R.T. 0.00 min
Lab File: BG033025.D
Acq: 6 Mar 2018 17:23

Tgt Ion:107 Resp: 190756
Ion Ratio Lower Upper
107 100
108 88.6 61.6 101.6
77 32.3 13.9 53.9
79 29.7 8.8 48.8

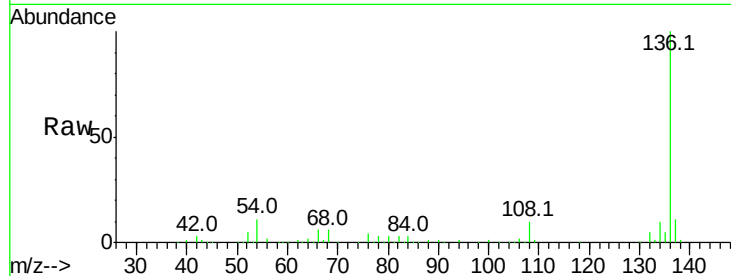




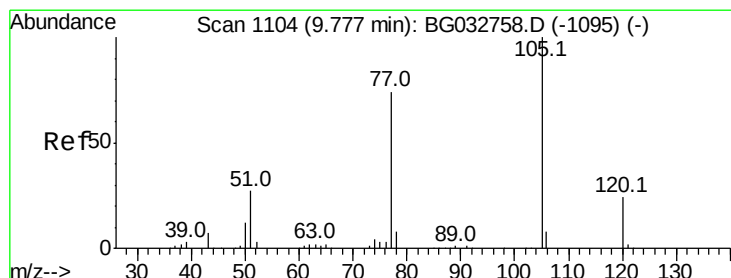
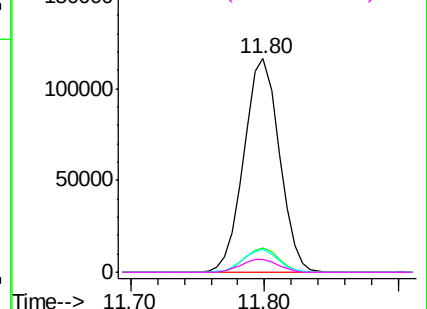
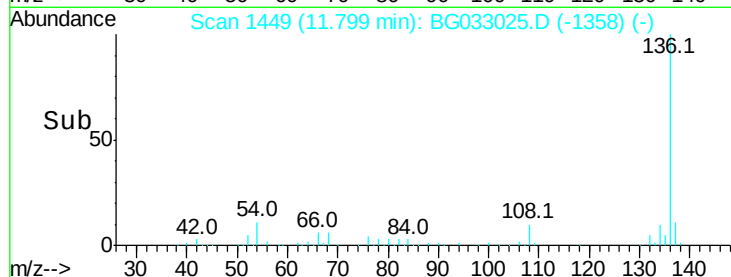
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.80 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BG033025.D
Acq: 6 Mar 2018 17:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	213783
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	11.0	10.3	15.5
68	5.9	4.5	6.7

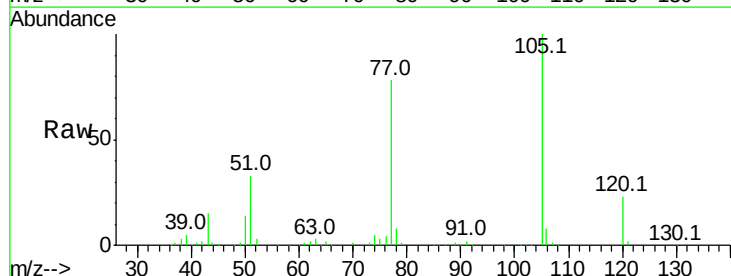


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

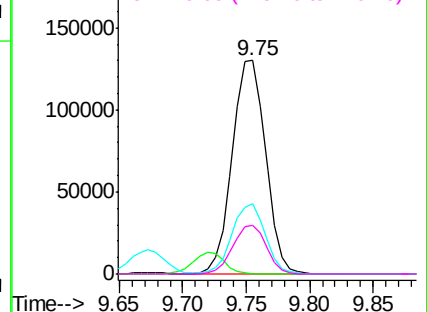
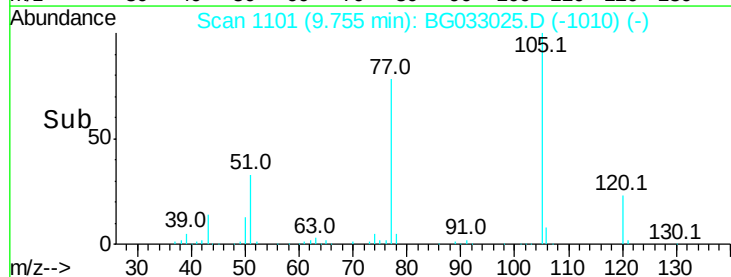


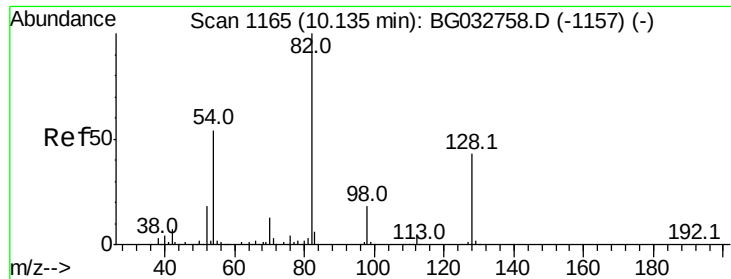
#22
Acetophenone
Concen: 43.882 ng
RT: 9.75 min Scan# 1101
Delta R.T. 0.00 min
Lab File: BG033025.D
Acq: 6 Mar 2018 17:23

Tgt Ion:	105	Resp:	236920
Ion	Ratio	Lower	Upper
105	100		
71	0.0	3.0	4.4#
51	33.1	26.1	39.1
120	23.1	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

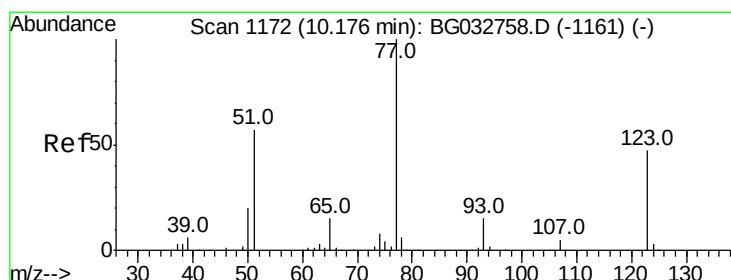
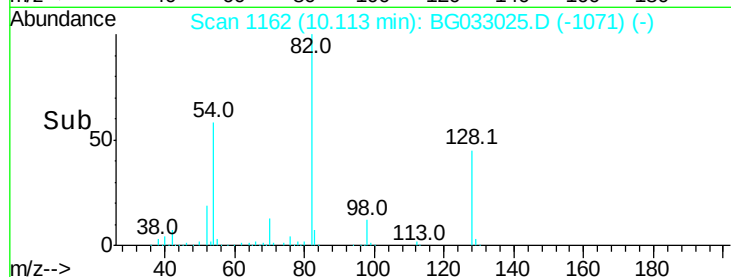
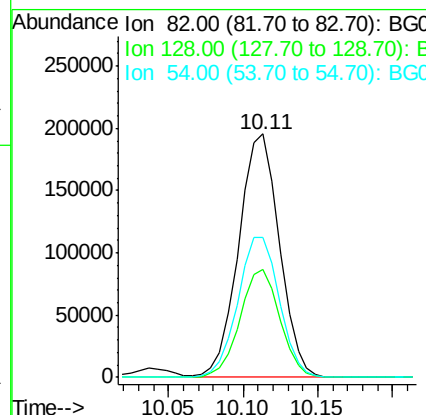
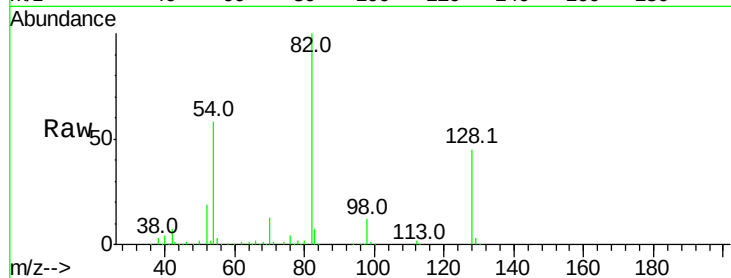




#23
 Nitrobenzene-d5
 Concen: 115.749 ng
 RT: 10.11 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: BG033025.D
 Acq: 6 Mar 2018 17:23

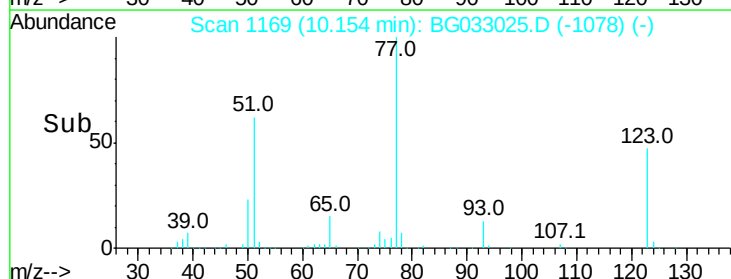
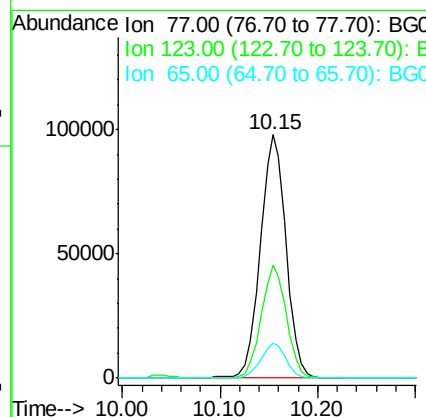
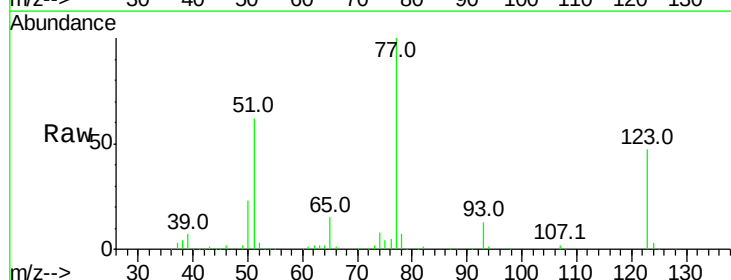
Instrument :
 BNA_G
 ClientSampleId :

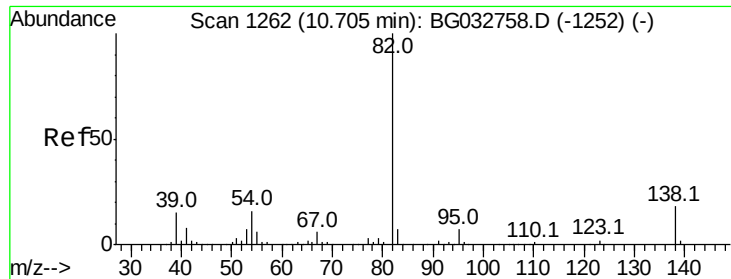
Tot Ion: 82 Resp: 369088
 Ion Ratio Lower Upper
 82 100
 128 44.6 29.7 44.5#
 54 57.7 43.1 64.7



#24
 Nitrobenzene
 Concen: 52.337 ng
 RT: 10.15 min Scan# 1169
 Delta R.T. 0.00 min
 Lab File: BG033025.D
 Acq: 6 Mar 2018 17:23

Tgt Ion: 77 Resp: 180701
 Ion Ratio Lower Upper
 77 100
 123 46.7 33.0 49.6
 65 14.6 13.0 19.6





#25

Isophorone

Concen: 47.030 ng

RT: 10.68 min Scan# 1258

Delta R.T. 0.00 min

Lab File: BG033025.D

Acq: 6 Mar 2018 17:23

Instrument :

BNA_G

ClientSampled :

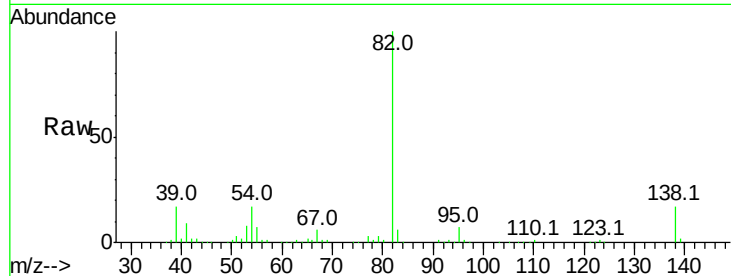
Tot Ion: 82 Resp: 352895

Ion Ratio Lower Upper

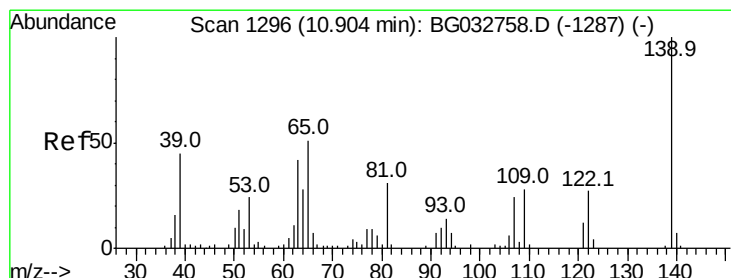
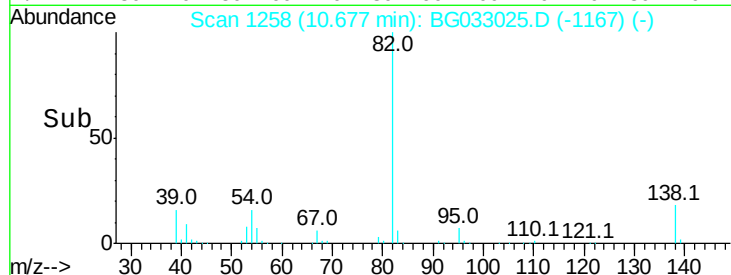
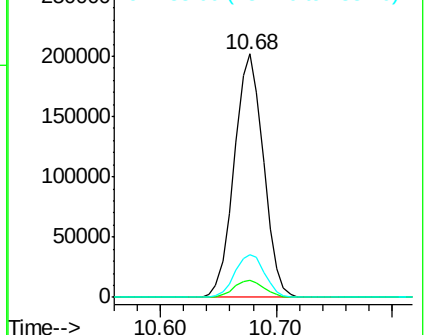
82 100

95 7.1 6.2 9.2

138 17.4 12.1 18.1



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 63.670 ng

RT: 10.88 min Scan# 1293

Delta R.T. 0.00 min

Lab File: BG033025.D

Acq: 6 Mar 2018 17:23

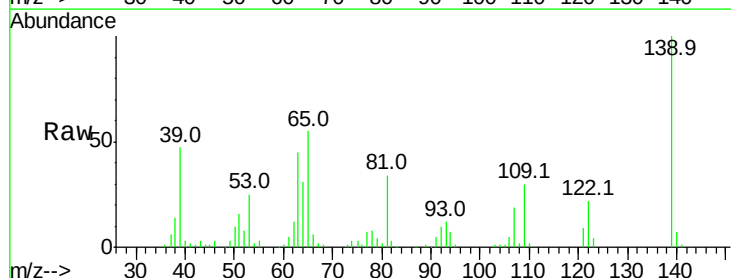
Tgt Ion: 139 Resp: 85622

Ion Ratio Lower Upper

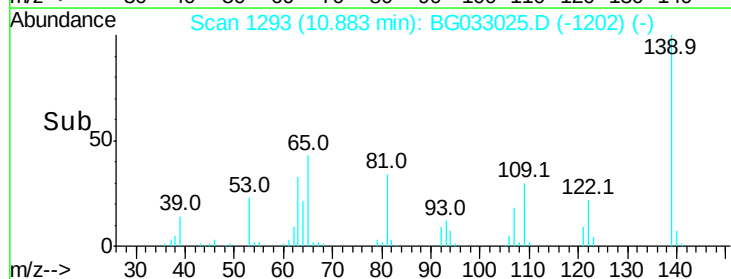
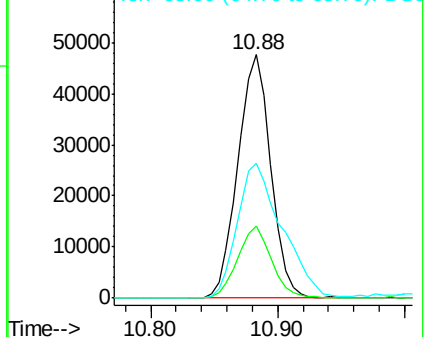
139 100

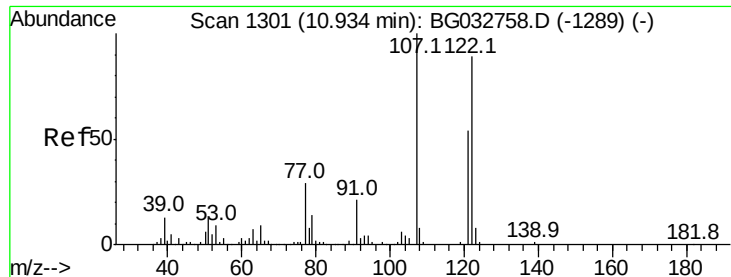
109 29.7 24.2 36.2

65 55.2 47.4 71.0



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

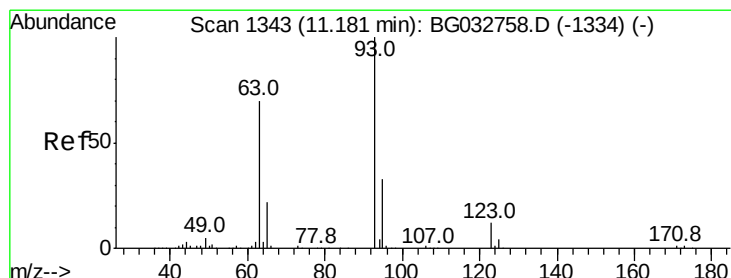
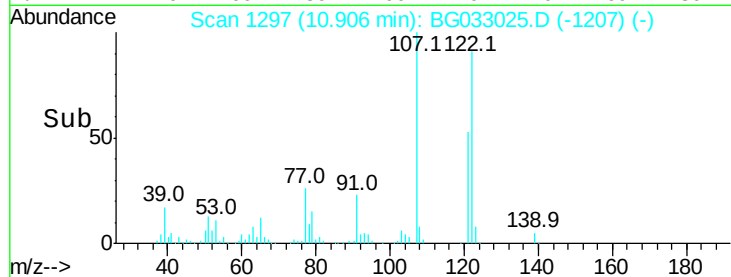
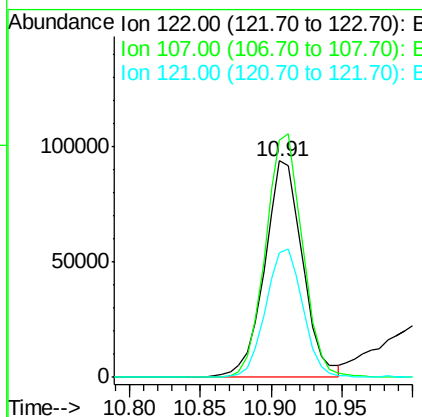
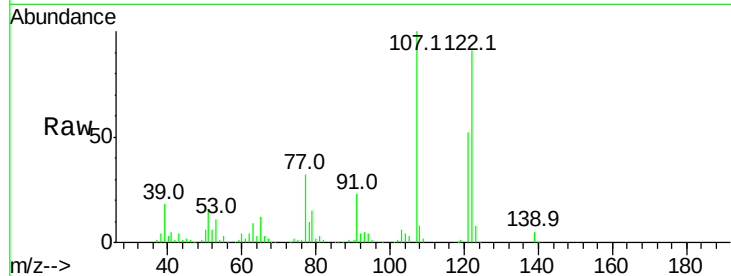




#27
 2,4-Dimethylphenol
 Concen: 54.181 ng
 RT: 10.91 min Scan# 1297
 Delta R.T. -0.00 min
 Lab File: BG033025.D
 Acq: 6 Mar 2018 17:23

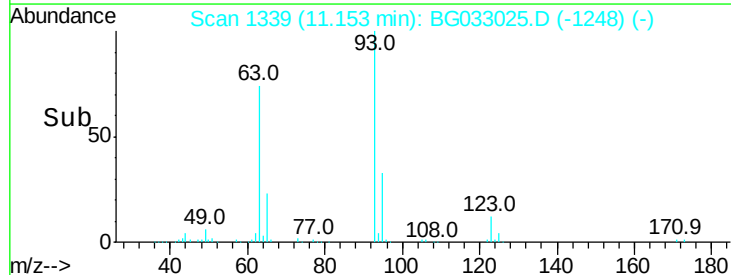
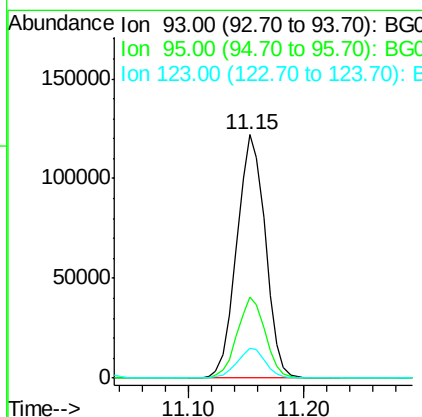
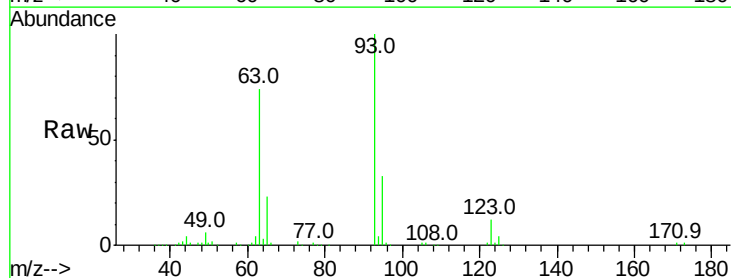
Instrument :
 BNA_G
 ClientSampled :

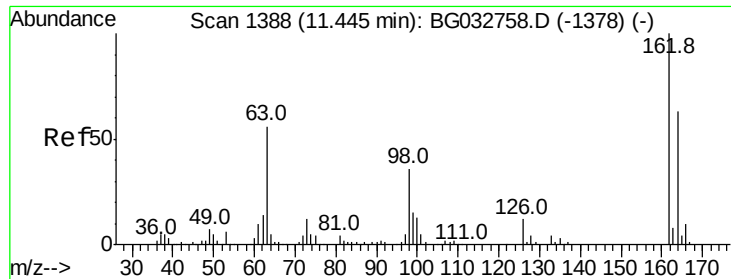
Tot Ion:122 Resp: 176612
 Ion Ratio Lower Upper
 122 100
 107 109.6 100.2 150.2
 121 57.5 44.4 66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 47.621 ng
 RT: 11.15 min Scan# 1339
 Delta R.T. 0.00 min
 Lab File: BG033025.D
 Acq: 6 Mar 2018 17:23

Tgt Ion: 93 Resp: 208165
 Ion Ratio Lower Upper
 93 100
 95 33.3 24.3 36.5
 123 12.2 8.4 12.6

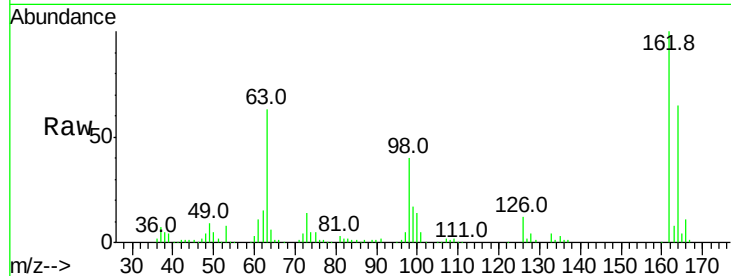




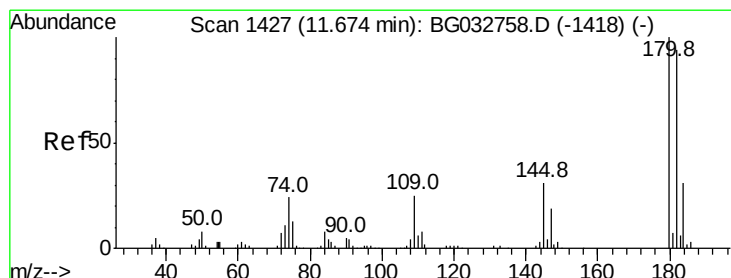
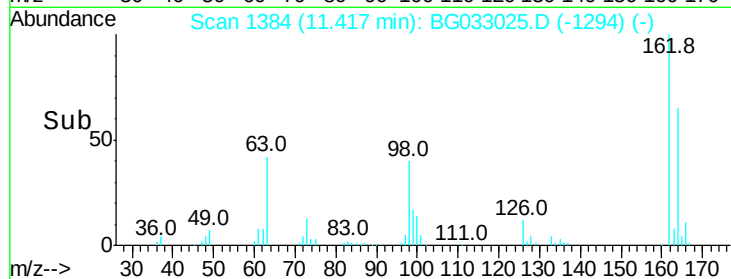
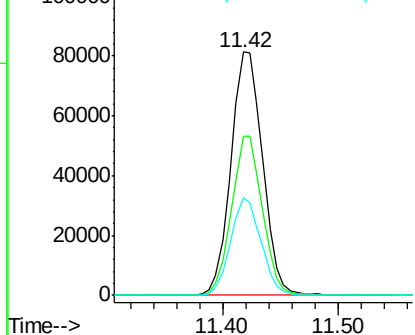
#29
 2,4-Dichlorophenol
 Concen: 52.218 ng
 RT: 11.42 min Scan# 1384
 Delta R.T. -0.00 min
 Lab File: BG033025.D
 Acq: 6 Mar 2018 17:23

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.4	48.0	88.0
98	40.1	21.1	61.1

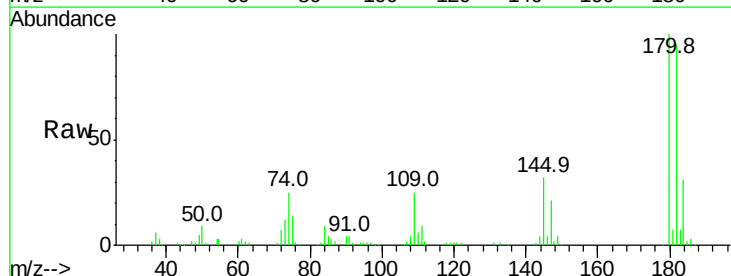


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

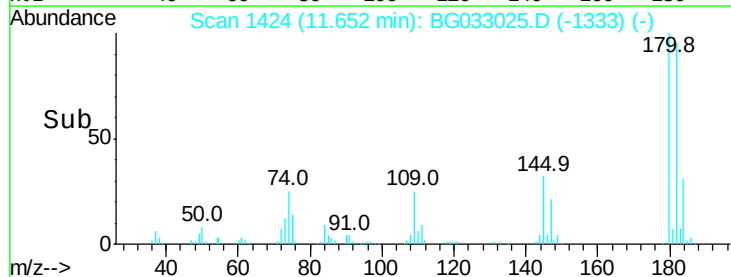
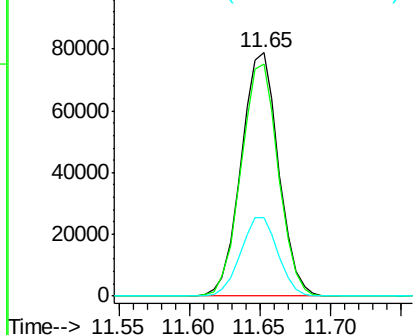


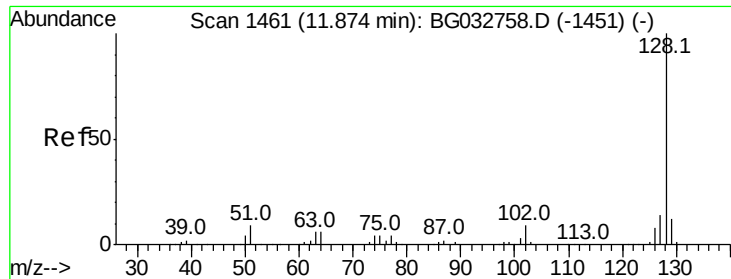
#30
 1,2,4-Trichlorobenzene
 Concen: 42.018 ng
 RT: 11.65 min Scan# 1424
 Delta R.T. 0.00 min
 Lab File: BG033025.D
 Acq: 6 Mar 2018 17:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	77.5	116.3
145	32.2	23.4	35.2



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





#31

Naphthalene

Concen: 44.428 ng

RT: 11.85 min Scan# 1458

Delta R.T. 0.00 min

Lab File: BG033025.D

Acq: 6 Mar 2018 17:23

Instrument :

BNA_G

ClientSampleId :

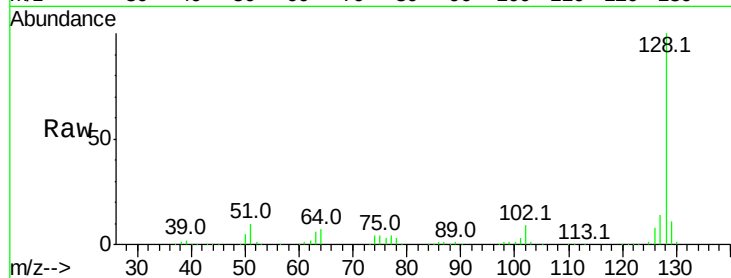
Tot Ion:128 Resp: 496298

Ion Ratio Lower Upper

128 100

129 10.7 8.6 12.8

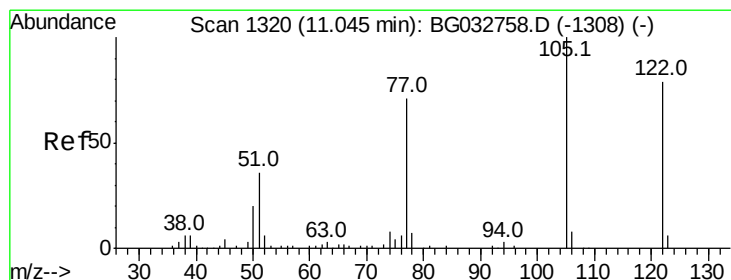
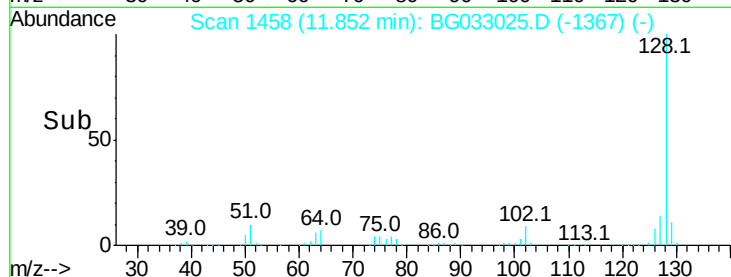
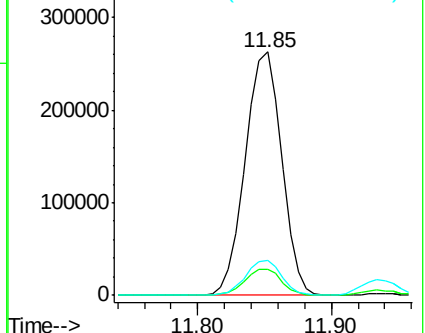
127 14.2 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 51.214 ng

RT: 11.02 min Scan# 1316

Delta R.T. 0.01 min

Lab File: BG033025.D

Acq: 6 Mar 2018 17:23

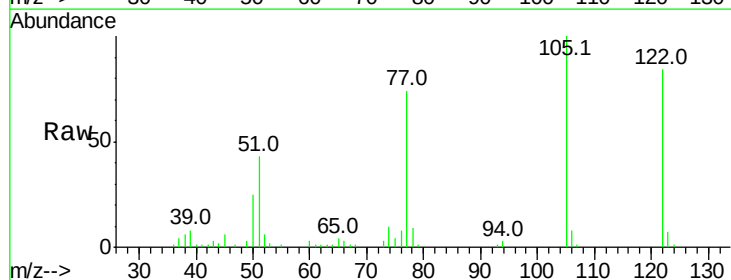
Tgt Ion:122 Resp: 107176

Ion Ratio Lower Upper

122 100

105 118.4 123.5 163.5#

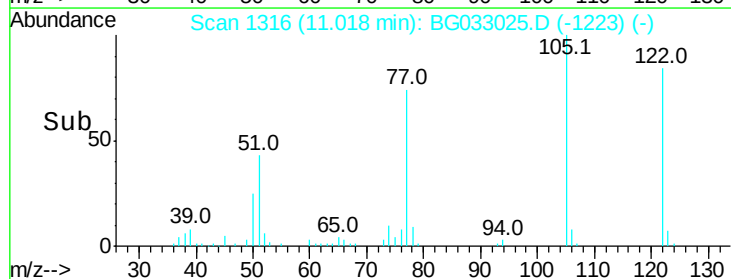
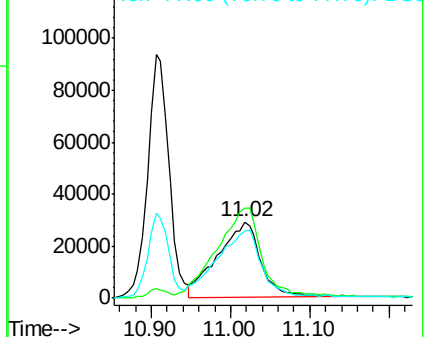
77 87.4 85.7 125.7

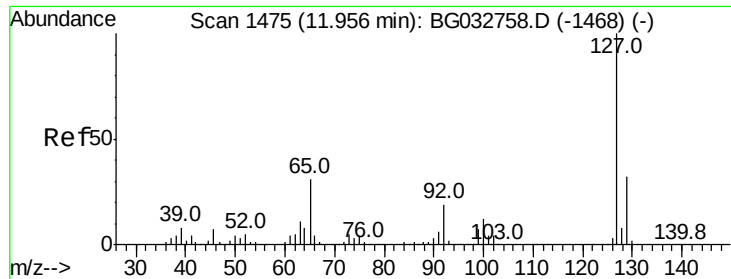


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

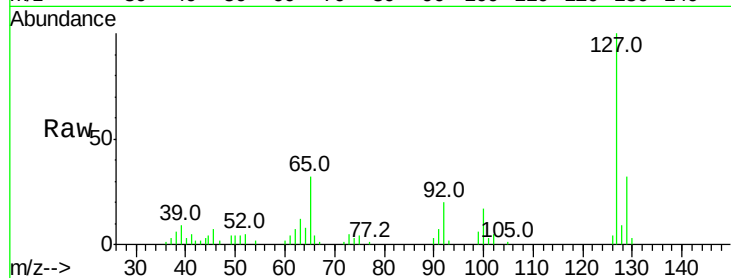




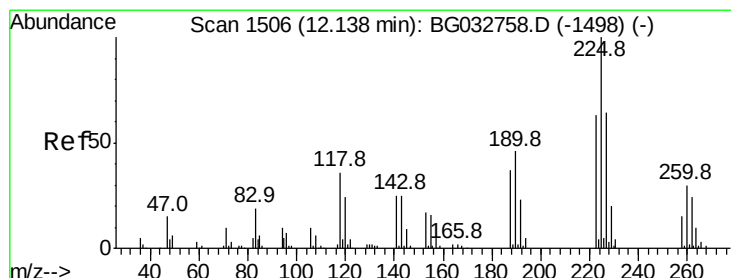
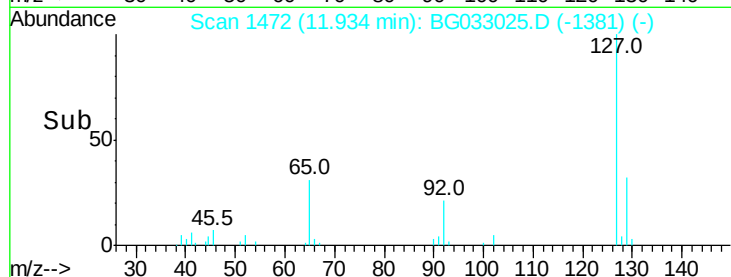
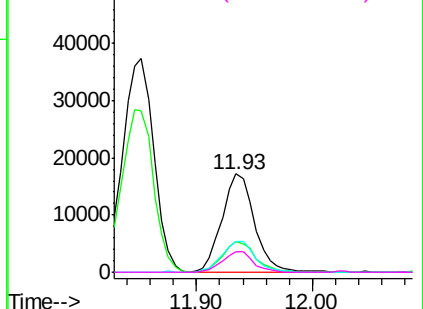
#33
4-Chloroaniline
Concen: 6.760 ng
RT: 11.93 min Scan# 1472
Delta R.T. 0.00 min
Lab File: BG033025.D
Acq: 6 Mar 2018 17:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	33763	
Ion Ratio	Lower	Upper	
127 100			
129 31.7	24.0	36.0	
65 31.8	27.0	40.4	
92 20.3	16.6	25.0	

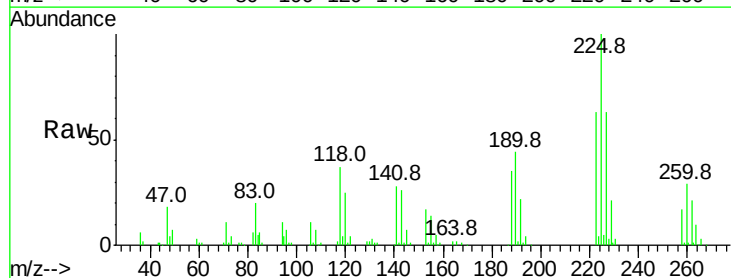


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

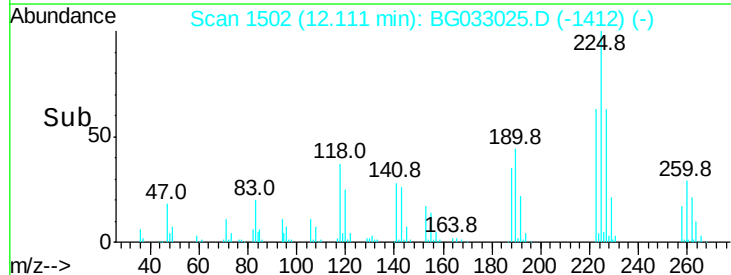
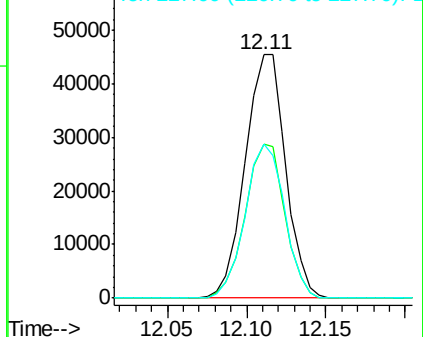


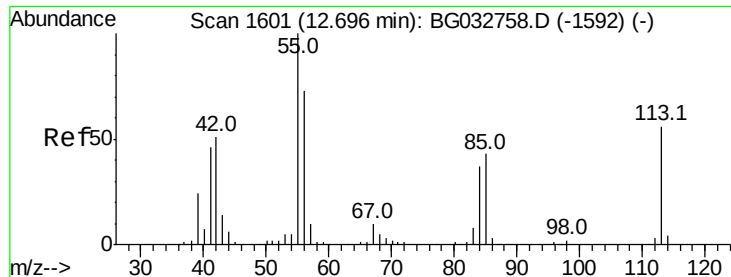
#34
Hexachlorobutadiene
Concen: 41.356 ng
RT: 12.11 min Scan# 1502
Delta R.T. -0.00 min
Lab File: BG033025.D
Acq: 6 Mar 2018 17:23

Tgt Ion	225	Resp: Lower	80446 Upper
	Ratio		
225	100		
223	63.4	49.7	74.5
227	63.4	48.1	72.1



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

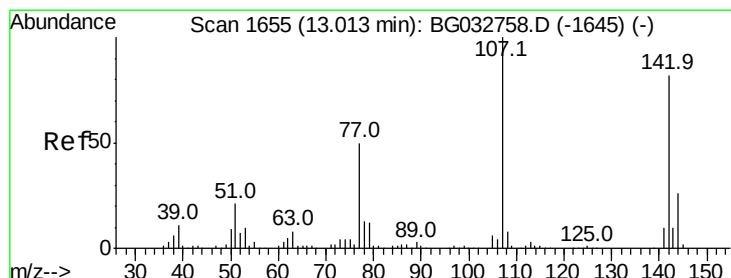
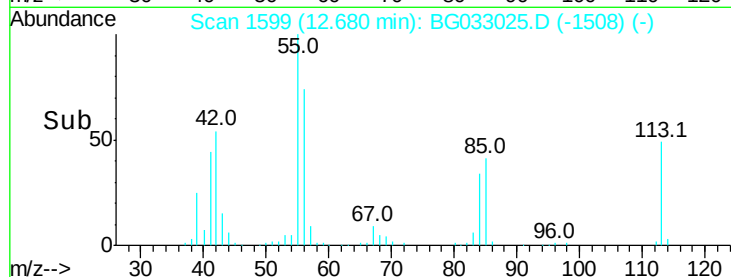
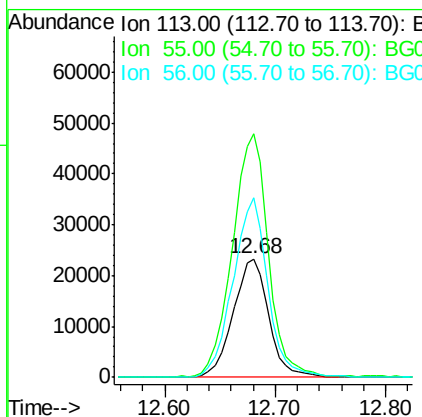
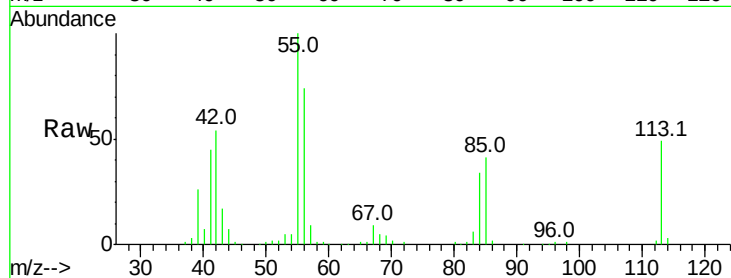




#35
 Caprolactam
 Concen: 44.181 ng
 RT: 12.68 min Scan# 1599
 Delta R.T. 0.00 min
 Lab File: BG033025.D
 Acq: 6 Mar 2018 17:23

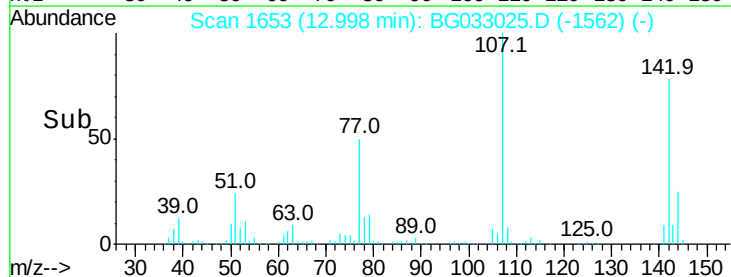
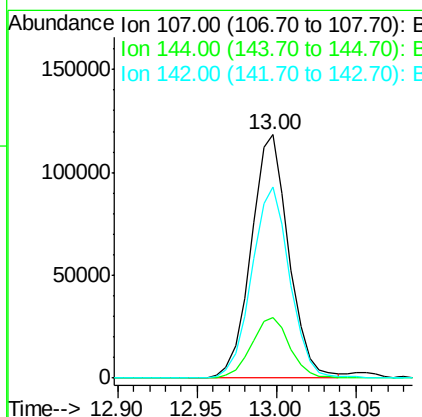
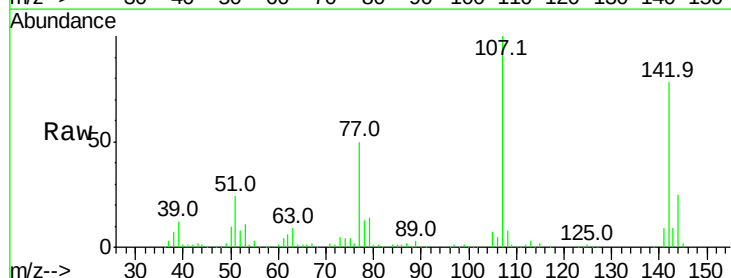
Instrument :
 BNA_G
 ClientSampleId :

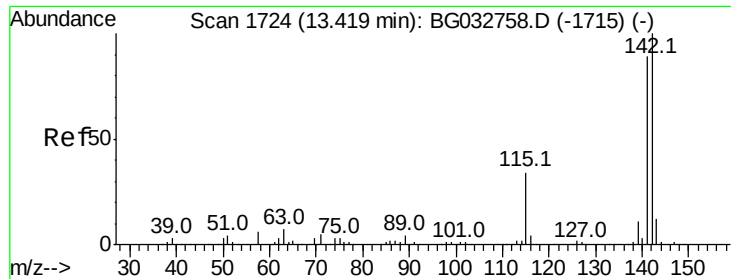
Tot Ion:113 Resp: 52337
 Ion Ratio Lower Upper
 113 100
 55 206.0 186.9 226.9
 56 151.5 130.9 170.9



#36
 4-Chloro-3-methylphenol
 Concen: 56.622 ng
 RT: 13.00 min Scan# 1653
 Delta R.T. 0.00 min
 Lab File: BG033025.D
 Acq: 6 Mar 2018 17:23

Tgt Ion:107 Resp: 194937
 Ion Ratio Lower Upper
 107 100
 144 25.1 18.2 27.4
 142 78.3 59.0 88.4

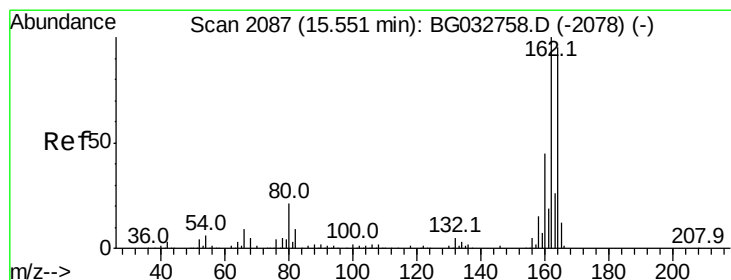
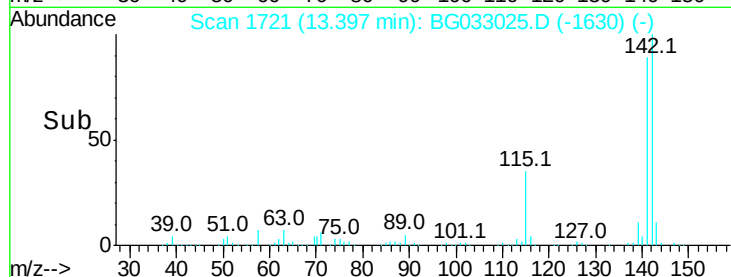
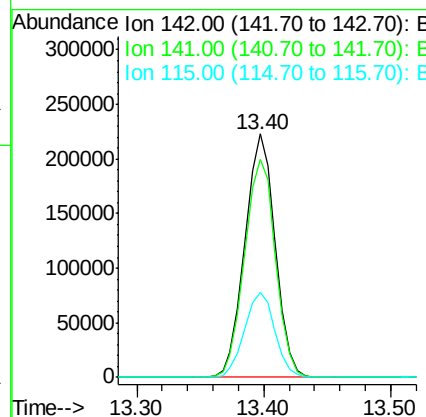
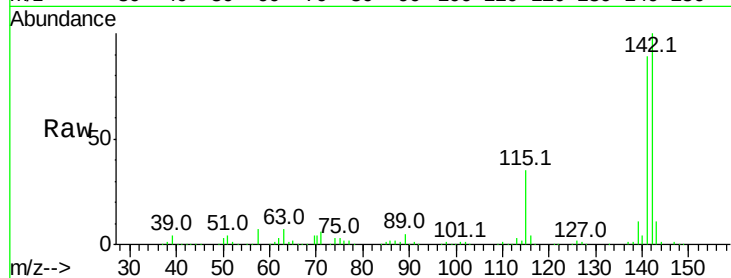




#37
2-Methylnaphthalene
Concen: 45.662 ng
RT: 13.40 min Scan# 1721
Delta R.T. 0.00 min
Lab File: BG033025.D
Acq: 6 Mar 2018 17:23

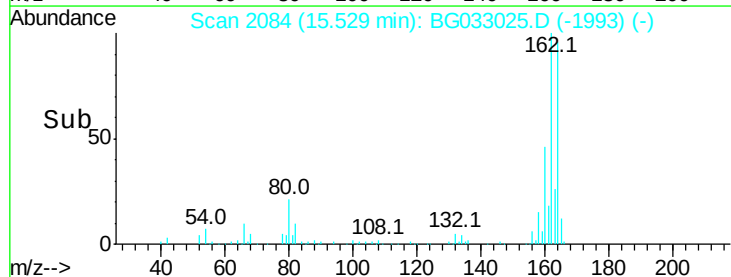
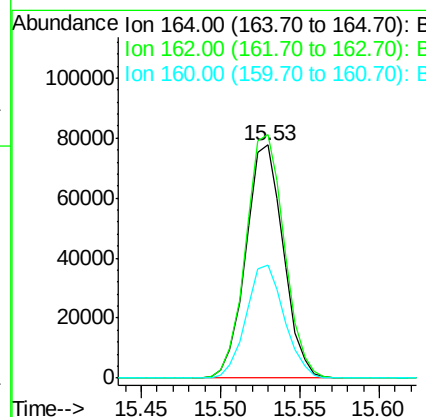
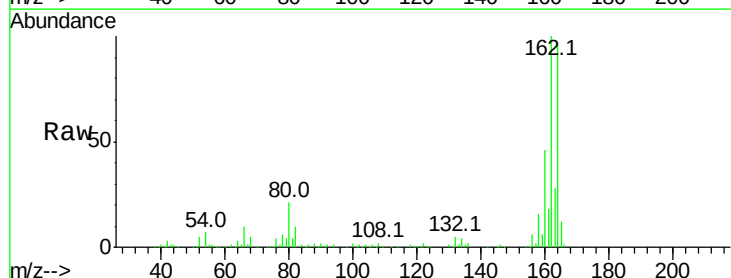
Instrument :
BNA_G
ClientSampleId :

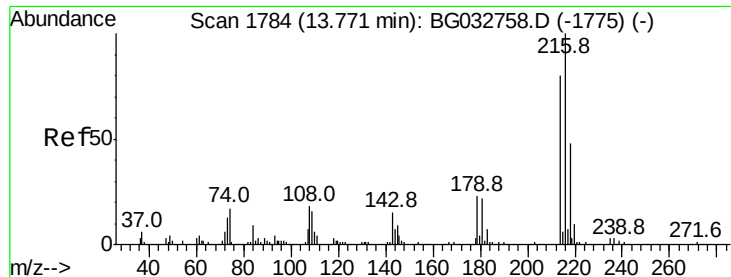
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	67.1	100.7
115	34.8	30.7	46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.53 min Scan# 2084
Delta R.T. 0.00 min
Lab File: BG033025.D
Acq: 6 Mar 2018 17:23

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.4	78.8	118.2
160	48.3	35.4	53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.973 ng

RT: 13.75 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BG033025.D

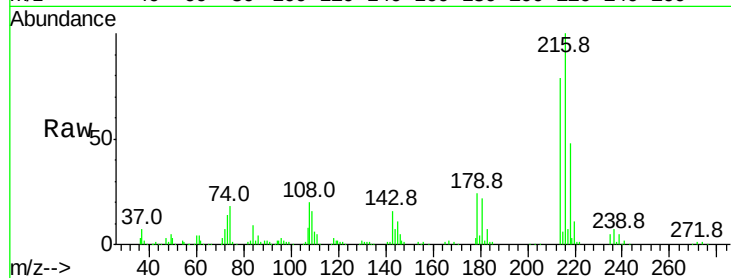
Acq: 6 Mar 2018 17:23

Instrument :

BNA_G

ClientSampled :

Tot Ion:	216	Resp:	155142
Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.0	94.4
179	23.8	17.0	25.6
108	24.2	12.8	19.2#

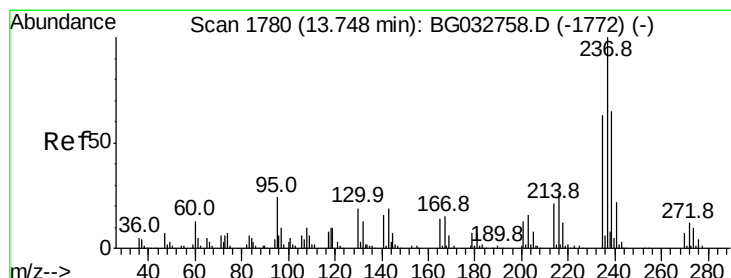
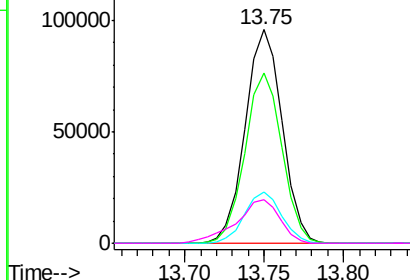
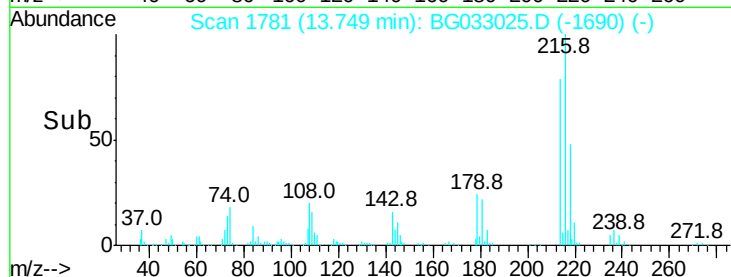


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 97.073 ng

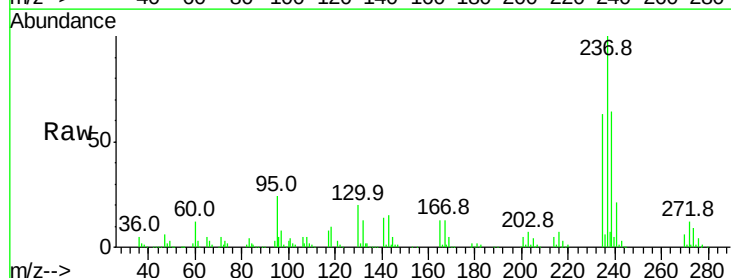
RT: 13.73 min Scan# 1777

Delta R.T. 0.00 min

Lab File: BG033025.D

Acq: 6 Mar 2018 17:23

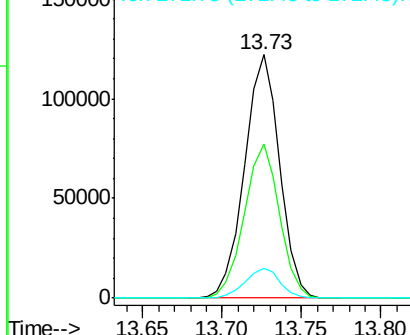
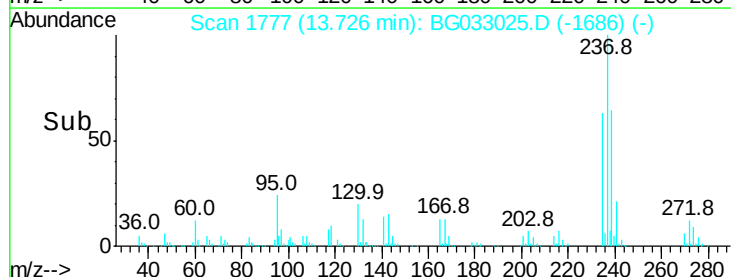
Tgt Ion:	237	Resp:	187323
Ion	Ratio	Lower	Upper
237	100		
235	63.0	50.4	90.4
272	12.2	0.0	31.8

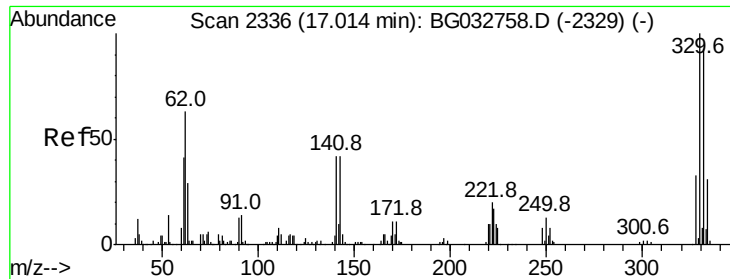


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 172.980 ng

RT: 17.00 min Scan# 2334

Delta R.T. 0.00 min

Lab File: BG033025.D

Acq: 6 Mar 2018 17:23

Instrument :

BNA_G

ClientSampleId :

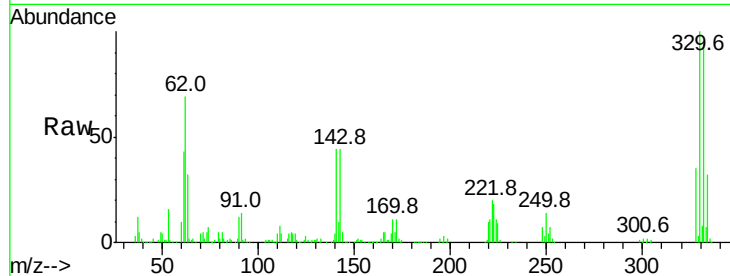
Tot Ion:330 Resp: 231997

Ion Ratio Lower Upper

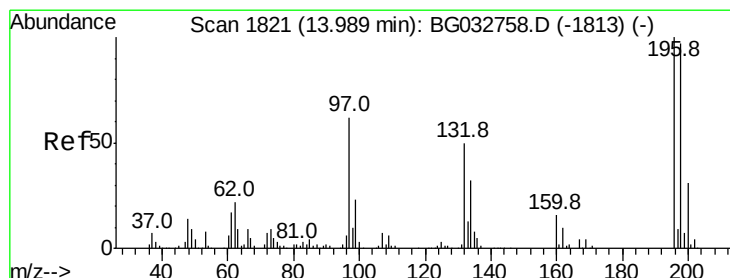
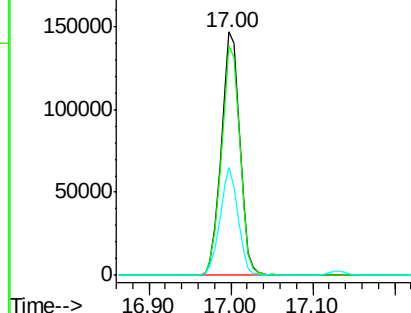
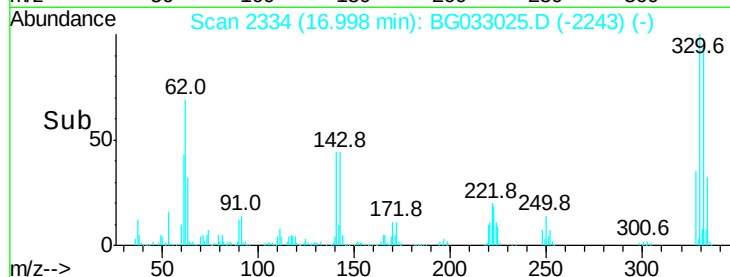
330 100

332 94.4 77.0 115.6

141 43.2 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: 52.415 ng

RT: 13.97 min Scan# 1819

Delta R.T. 0.00 min

Lab File: BG033025.D

Acq: 6 Mar 2018 17:23

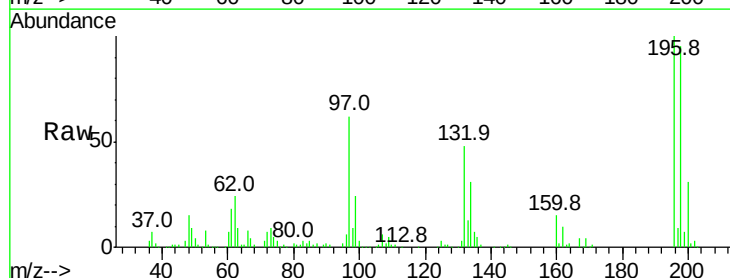
Tgt Ion:196 Resp: 125160

Ion Ratio Lower Upper

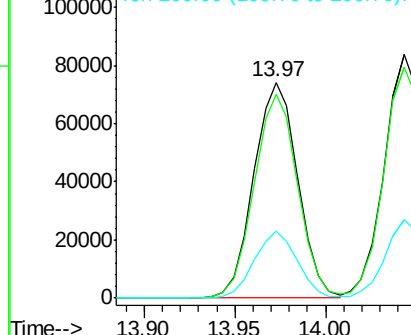
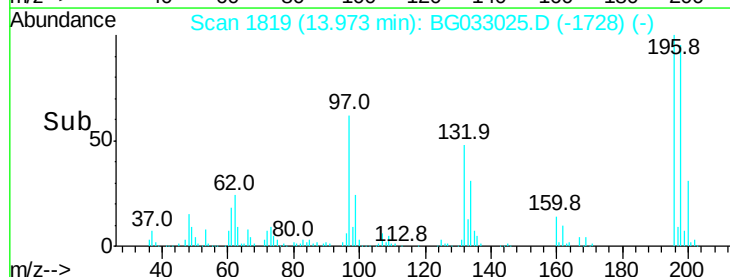
196 100

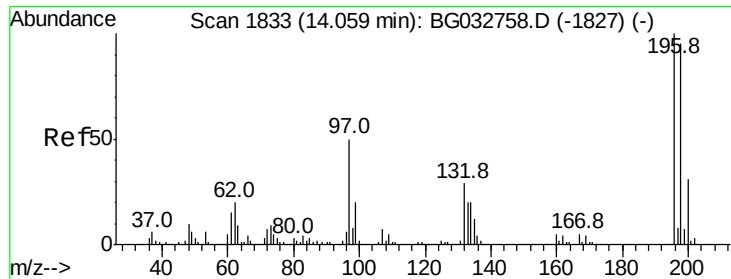
198 94.7 78.2 117.2

200 31.3 24.6 36.8



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

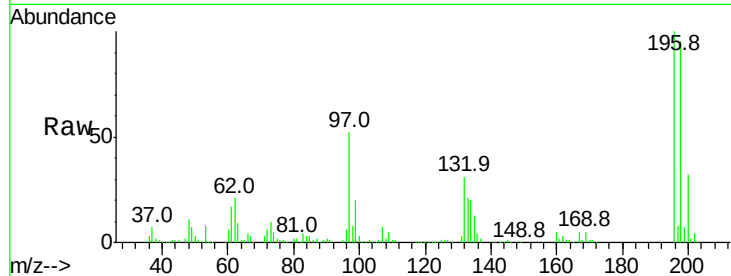




#43
 2,4,5-Trichlorophenol
 Concen: 50.044 ng
 RT: 14.04 min Scan# 1831
 Delta R.T. 0.00 min
 Lab File: BG033025.D
 Acq: 6 Mar 2018 17:23

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	196	Resp:	138307
Ion	Ratio	Lower	Upper
196	100		
198	94.8	76.2	114.4
97	52.1	38.7	58.1
132	30.7	20.2	30.2#



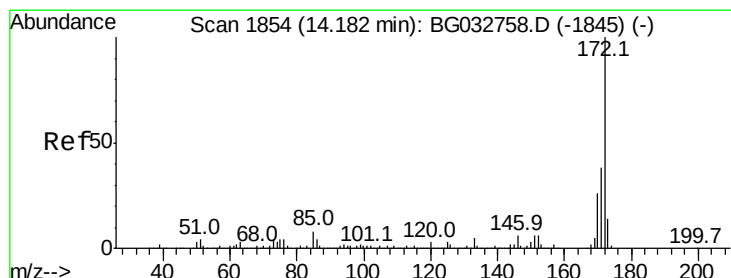
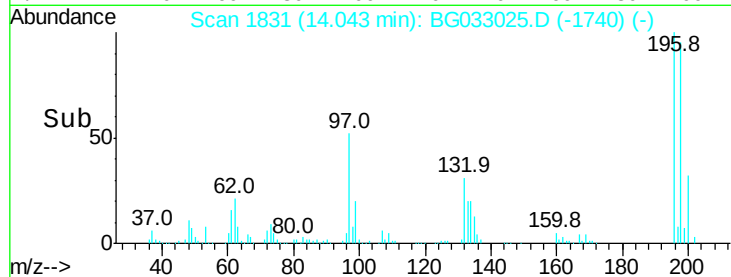
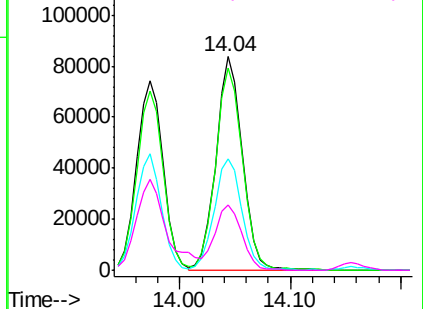
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

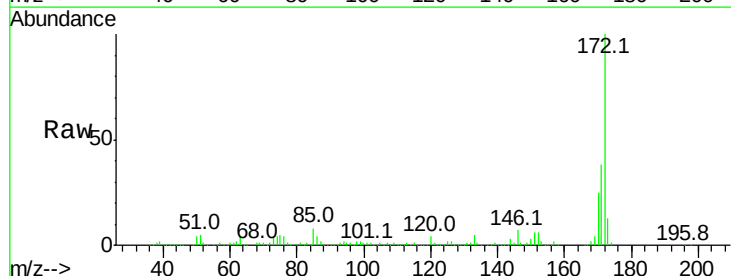
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 91.400 ng
 RT: 14.15 min Scan# 1850
 Delta R.T. 0.00 min
 Lab File: BG033025.D
 Acq: 6 Mar 2018 17:23

Tgt Ion:	172	Resp:	808345
Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.0	45.0
170	24.8	19.5	29.3

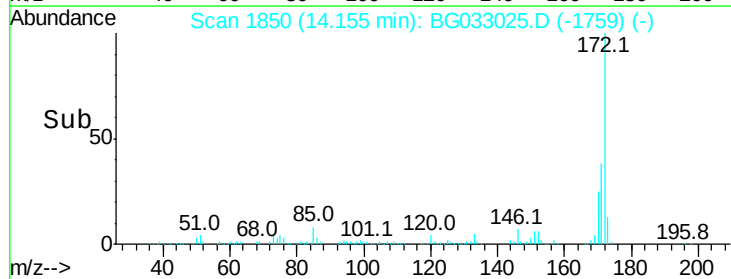
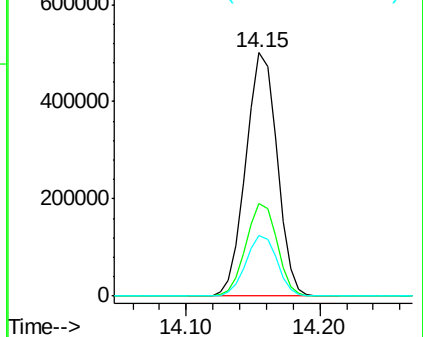


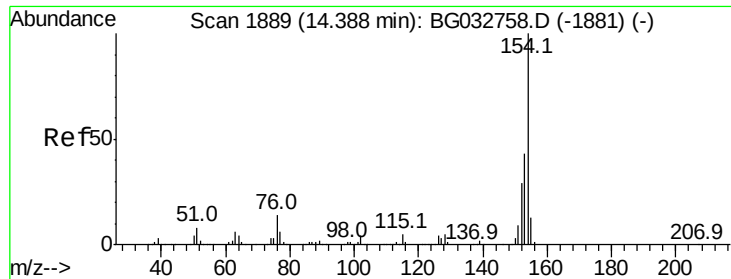
Abundance

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

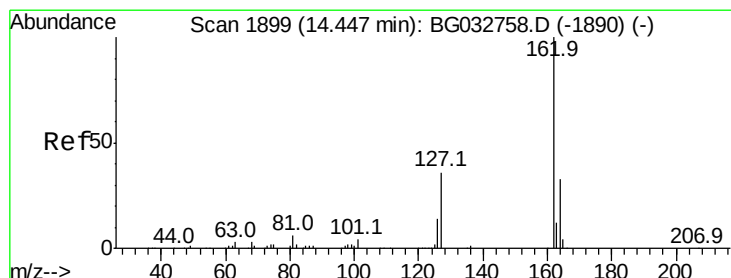
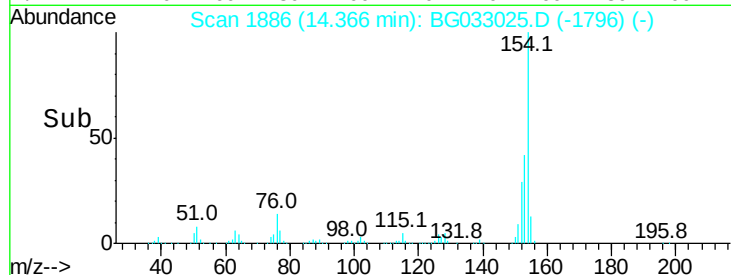
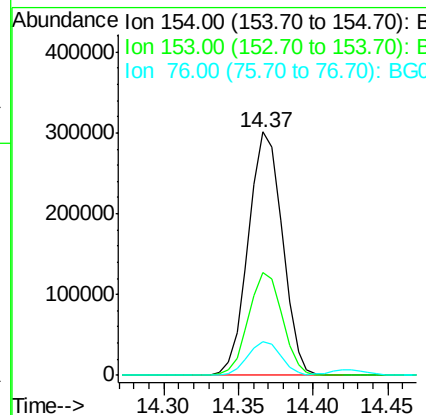
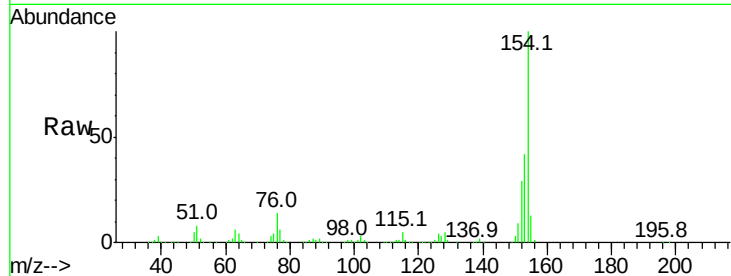




#45
 1,1'-Biphenyl
 Concen: 42.536 ng
 RT: 14.37 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: BG033025.D
 Acq: 6 Mar 2018 17:23

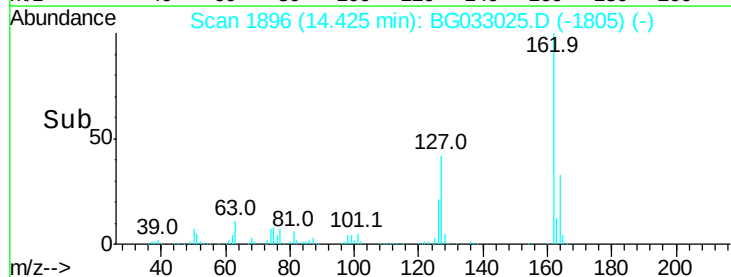
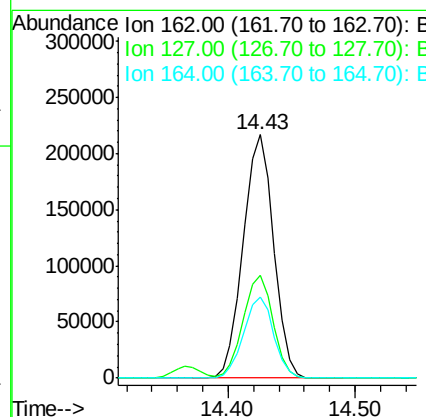
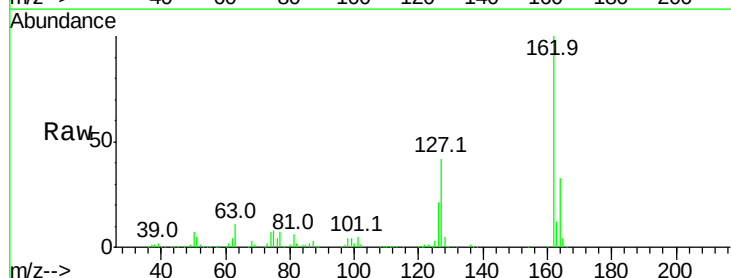
Instrument :
 BNA_G
 ClientSampleId :

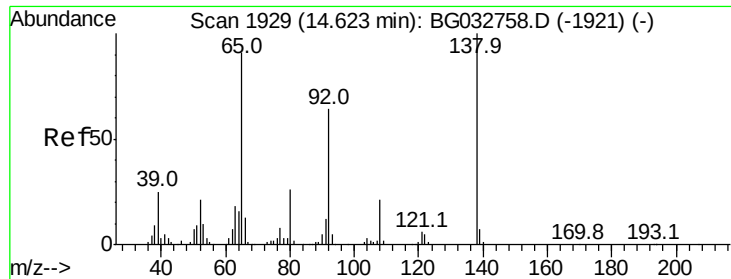
Tot Ion:154 Resp: 474118
 Ion Ratio Lower Upper
 154 100
 153 42.2 19.8 59.8
 76 13.8 0.0 31.9



#46
 2-Chloronaphthalene
 Concen: 43.243 ng
 RT: 14.43 min Scan# 1896
 Delta R.T. 0.00 min
 Lab File: BG033025.D
 Acq: 6 Mar 2018 17:23

Tgt Ion:162 Resp: 360048
 Ion Ratio Lower Upper
 162 100
 127 42.3 30.7 46.1
 164 33.4 26.0 39.0





#47

2-Nitroaniline

Concen: 61.988 ng

RT: 14.61 min Scan# 1927

Delta R.T. 0.00 min

Lab File: BG033025.D

Acq: 6 Mar 2018 17:23

Instrument :

BNA_G

ClientSampled :

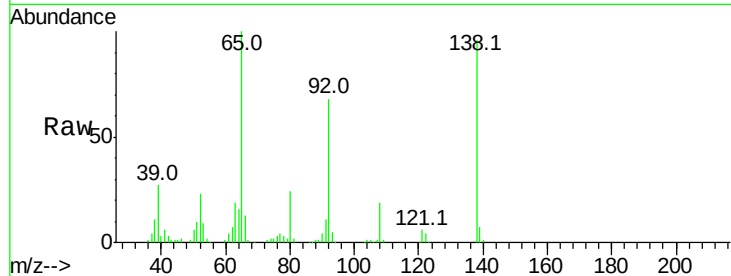
Tot Ion: 65 Resp: 137731

Ion Ratio Lower Upper

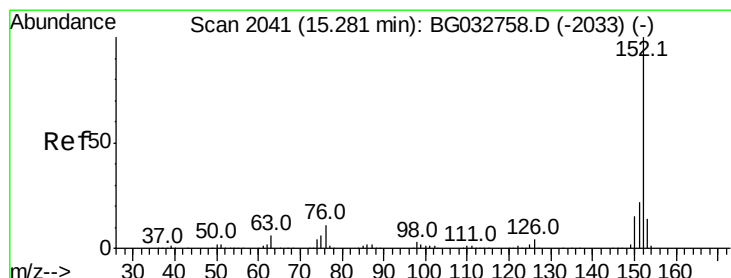
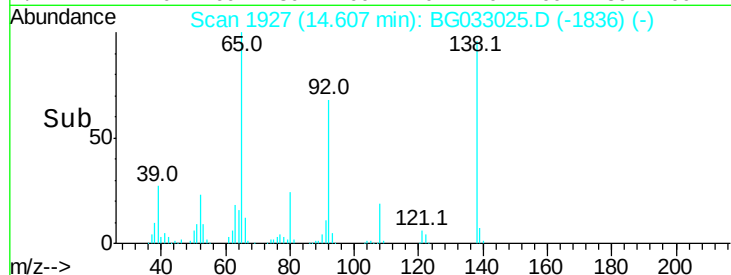
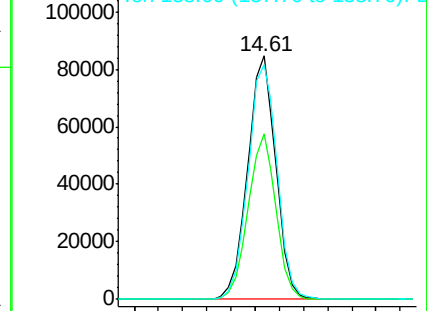
65 100

92 67.8 54.6 82.0

138 96.5 72.9 109.3



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#48

Acenaphthylene

Concen: 44.624 ng

RT: 15.26 min Scan# 2038

Delta R.T. 0.00 min

Lab File: BG033025.D

Acq: 6 Mar 2018 17:23

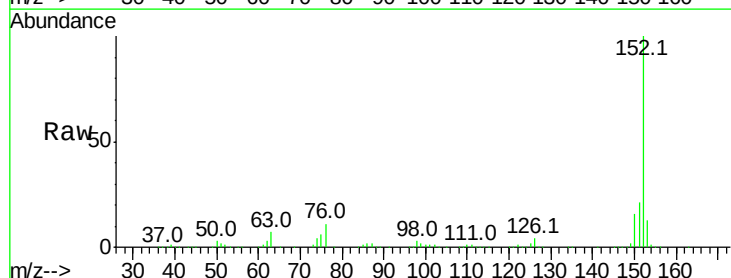
Tgt Ion: 152 Resp: 608303

Ion Ratio Lower Upper

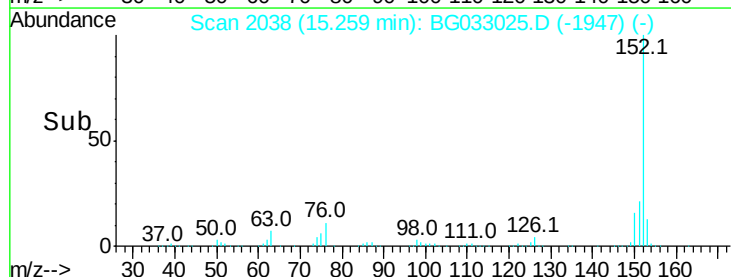
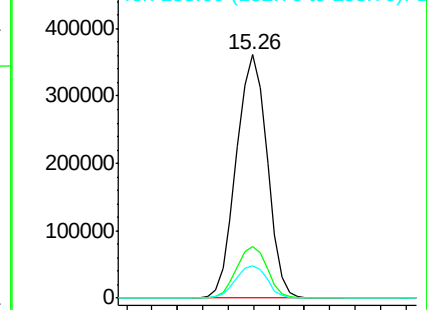
152 100

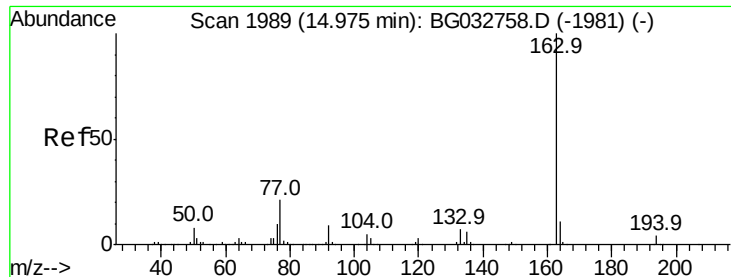
151 21.3 17.2 25.8

153 13.5 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): BGC
Ion 151.00 (150.70 to 151.70): BGC
Ion 153.00 (152.70 to 153.70): BGC





#49

Dimethylphthalate

Concen: 45.881 ng

RT: 14.95 min Scan# 1986

Delta R.T. 0.00 min

Lab File: BG033025.D

Acq: 6 Mar 2018 17:23

Instrument :

BNA_G

ClientSampleId :

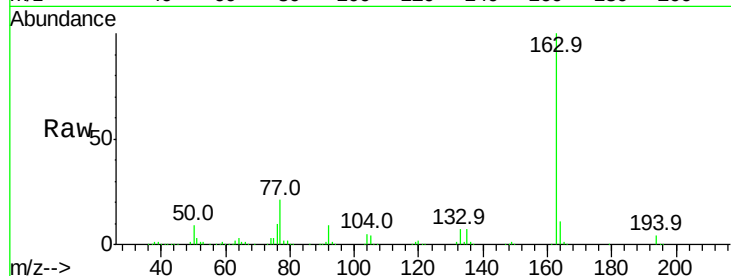
Tot Ion:163 Resp: 496910

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.2

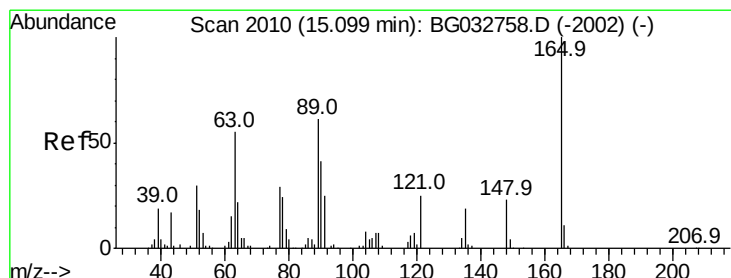
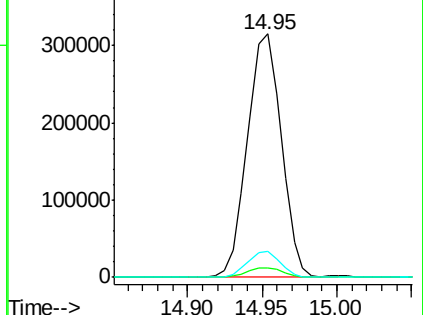
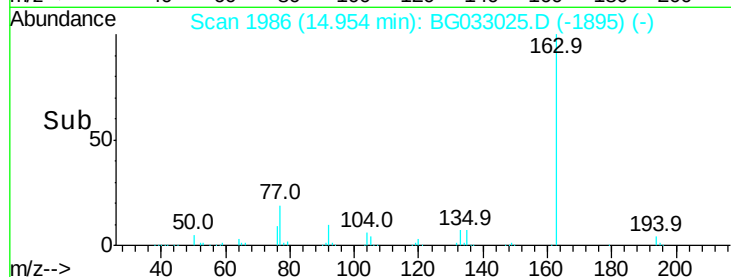
164 10.7 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 60.013 ng

RT: 15.08 min Scan# 2008

Delta R.T. 0.01 min

Lab File: BG033025.D

Acq: 6 Mar 2018 17:23

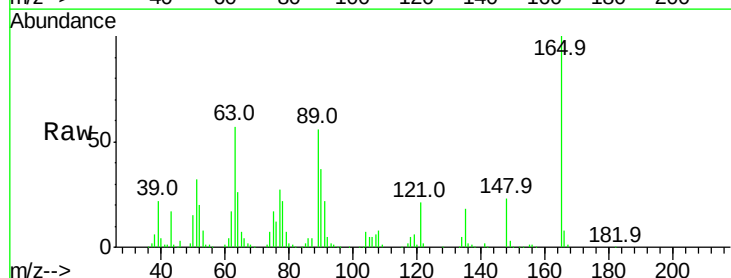
Tgt Ion:165 Resp: 112481

Ion Ratio Lower Upper

165 100

63 57.1 52.7 79.1

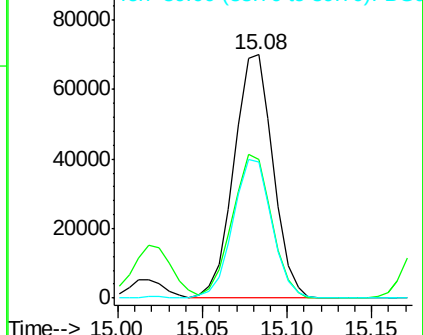
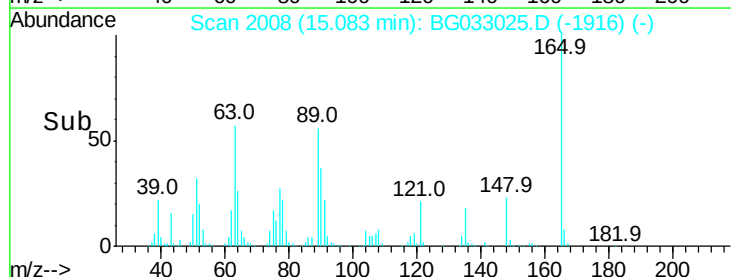
89 56.1 49.2 73.8

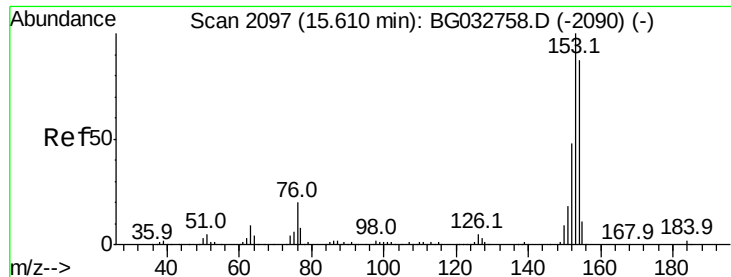


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 50.617 ng

RT: 15.59 min Scan# 2095

Delta R.T. 0.00 min

Lab File: BG033025.D

Acq: 6 Mar 2018 17:23

Instrument :

BNA_G

ClientSampleId :

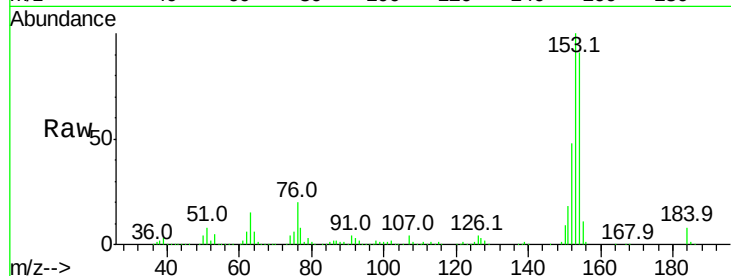
Tot Ion:154 Resp: 429714

Ion Ratio Lower Upper

154 100

153 110.3 90.4 135.6

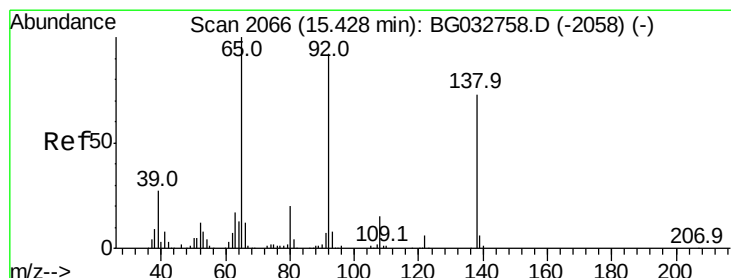
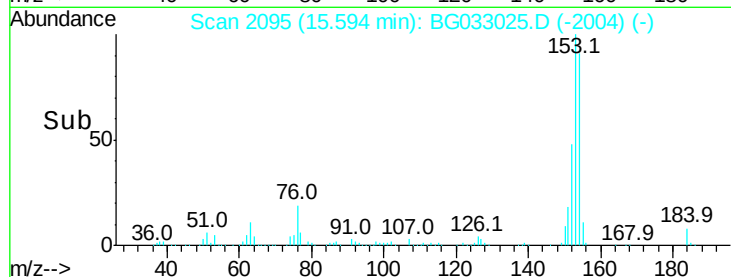
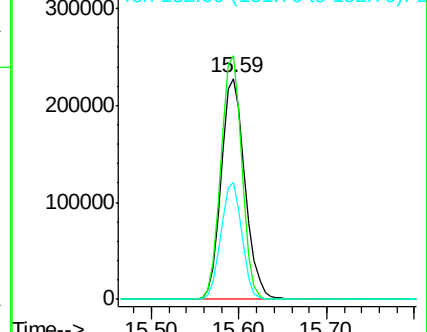
152 52.7 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 17.817 ng

RT: 15.41 min Scan# 2063

Delta R.T. -0.00 min

Lab File: BG033025.D

Acq: 6 Mar 2018 17:23

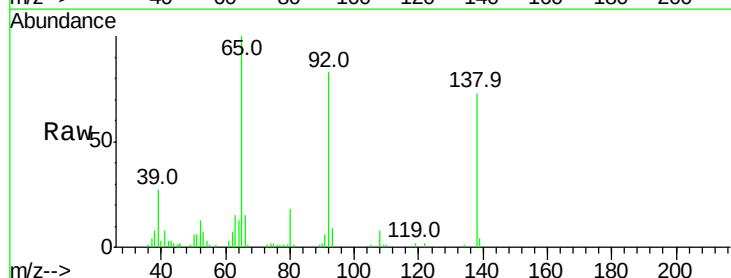
Tgt Ion:138 Resp: 27033

Ion Ratio Lower Upper

138 100

108 10.3 17.5 26.3#

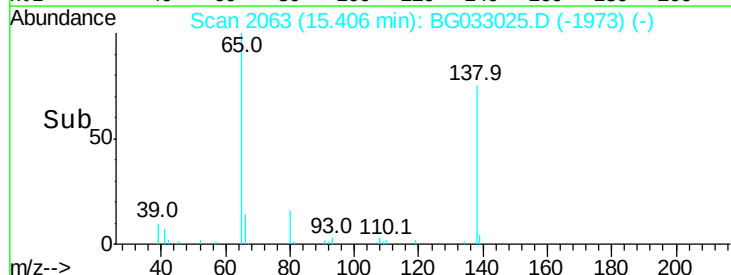
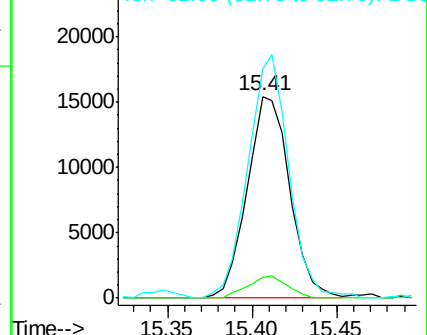
92 113.6 105.8 158.8

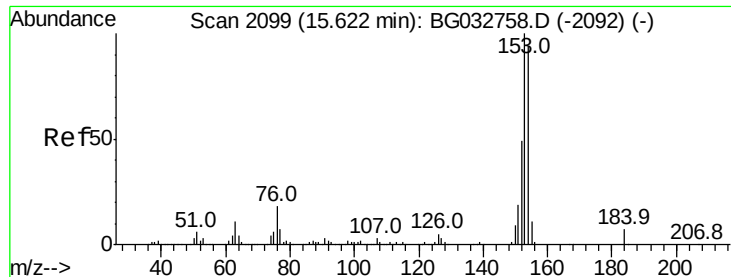


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

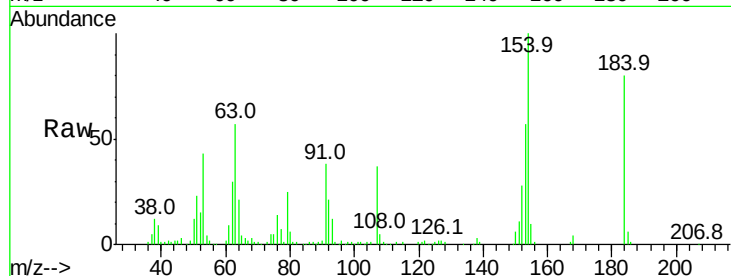




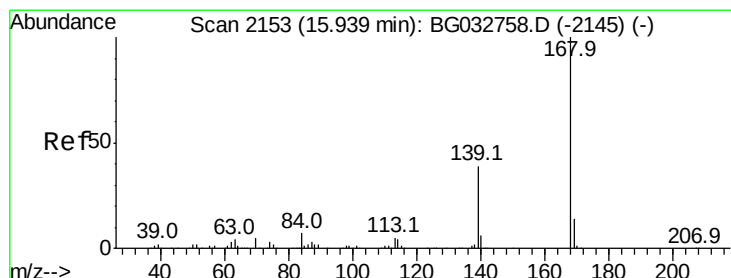
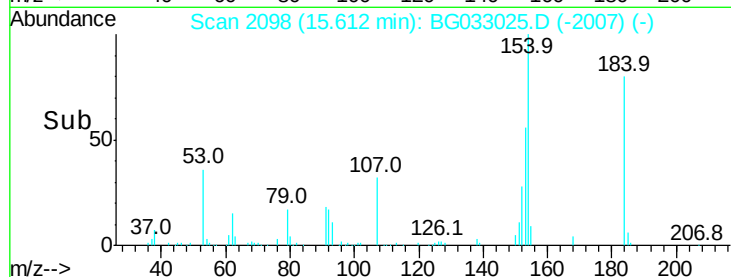
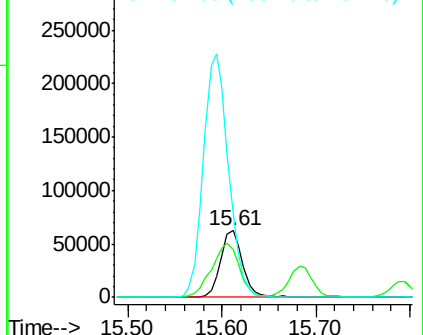
#53
2,4-Dinitrophenol
Concen: 142.025 ng
RT: 15.61 min Scan# 2098
Delta R.T. 0.00 min
Lab File: BG033025.D
Acq: 6 Mar 2018 17:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion:184 Resp: 103948
Ion Ratio Lower Upper
184 100
63 71.5 59.8 89.8
154 125.5 101.8 152.8

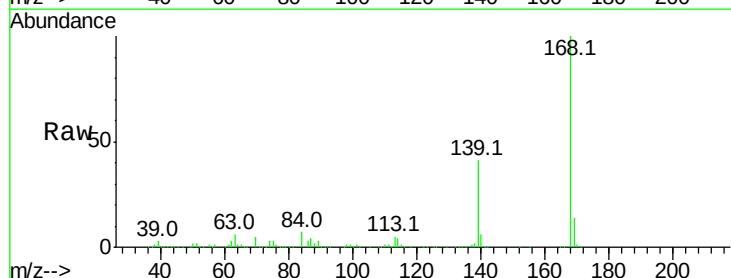


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

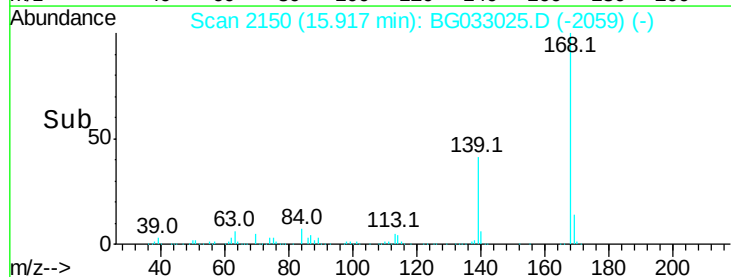
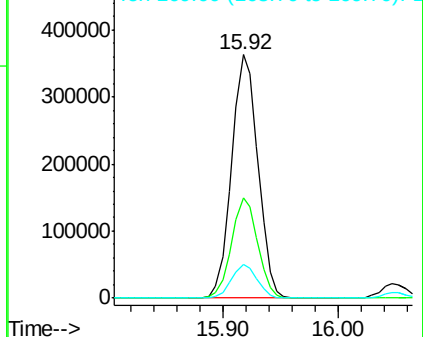


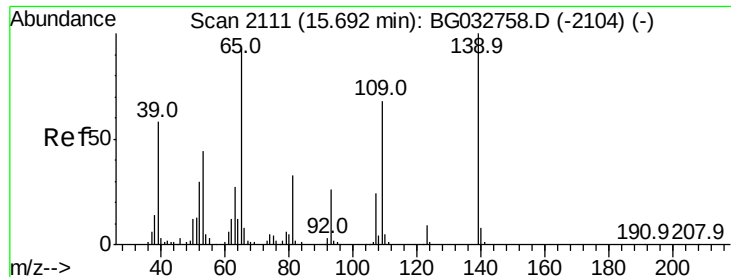
#54
Dibenzofuran
Concen: 47.082 ng
RT: 15.92 min Scan# 2150
Delta R.T. 0.00 min
Lab File: BG033025.D
Acq: 6 Mar 2018 17:23

Tgt Ion:168 Resp: 569135
Ion Ratio Lower Upper
168 100
139 41.3 28.6 43.0
169 14.0 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

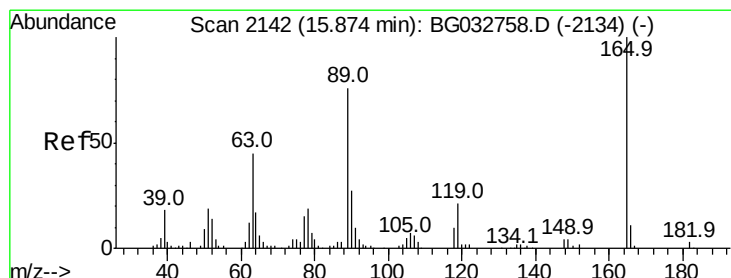
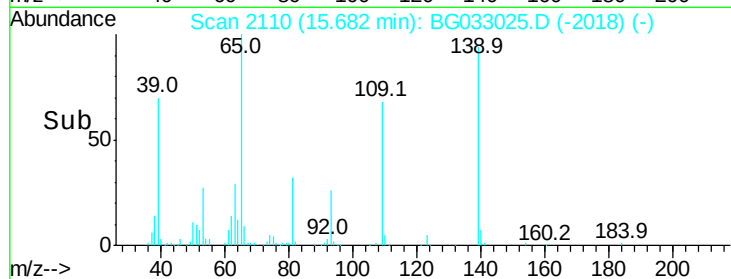
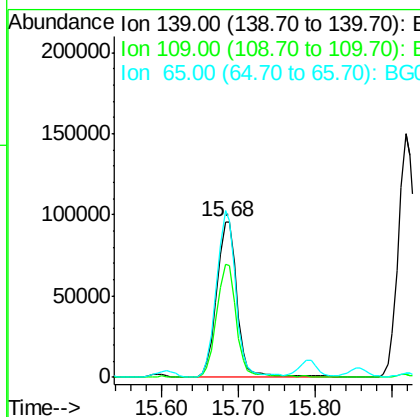
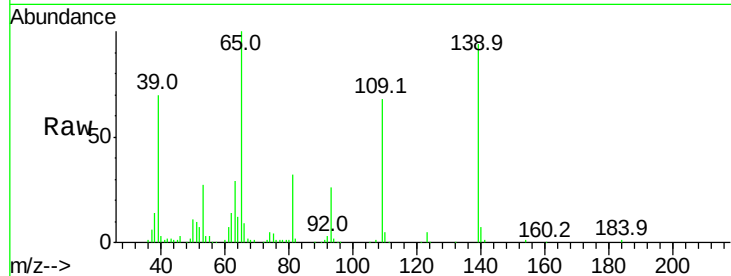




#55
4-Nitrophenol
Concen: 98.018 ng
RT: 15.68 min Scan# 2110
Delta R.T. 0.01 min
Lab File: BG033025.D
Acq: 6 Mar 2018 17:23

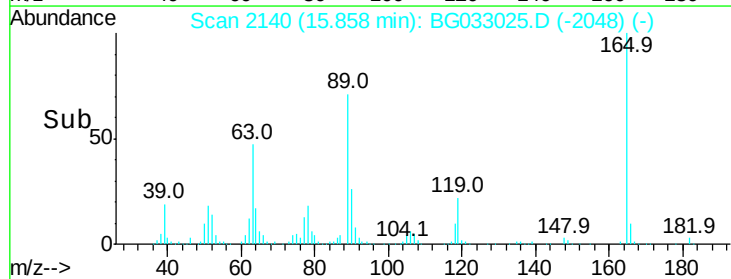
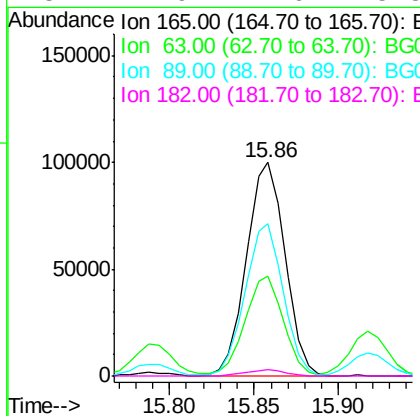
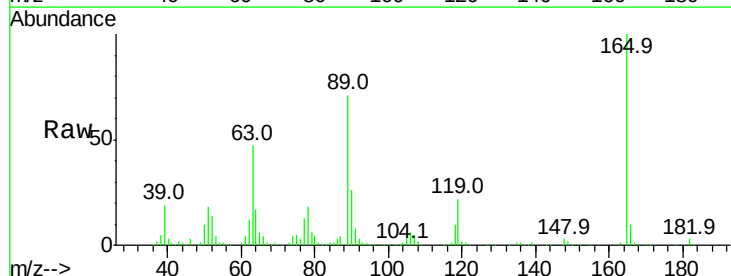
Instrument :
BNA_G
ClientSampleId :

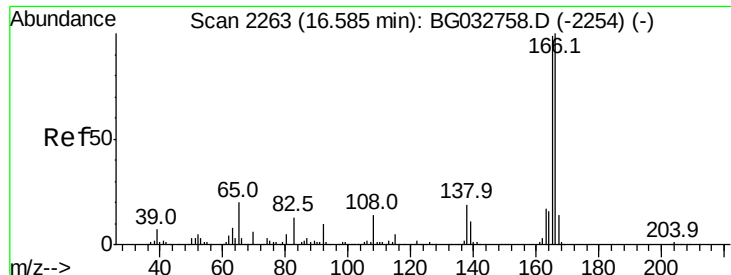
Tot Ion:139 Resp: 176944
Ion Ratio Lower Upper
139 100
109 72.2 62.2 102.2
65 106.7 97.2 137.2



#56
2,4-Dinitrotoluene
Concen: 67.544 ng
RT: 15.86 min Scan# 2140
Delta R.T. 0.01 min
Lab File: BG033025.D
Acq: 6 Mar 2018 17:23

Tgt Ion:165 Resp: 157824
Ion Ratio Lower Upper
165 100
63 46.8 42.0 63.0
89 71.5 66.9 100.3
182 2.9 2.6 3.8

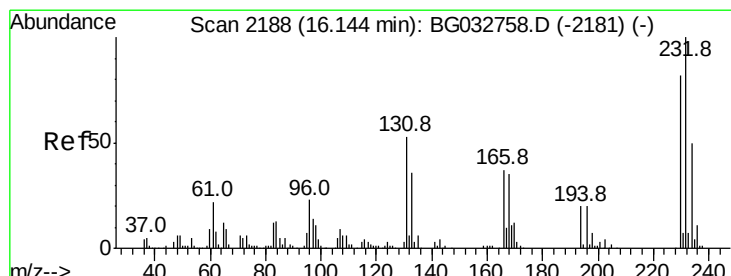
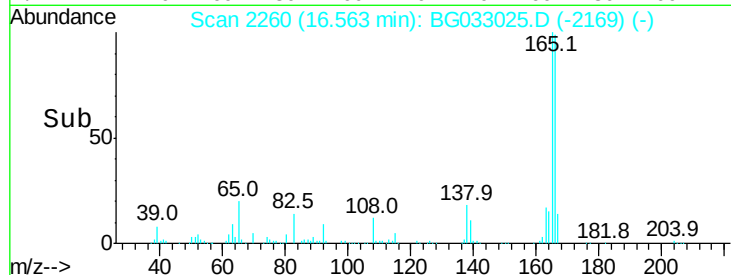
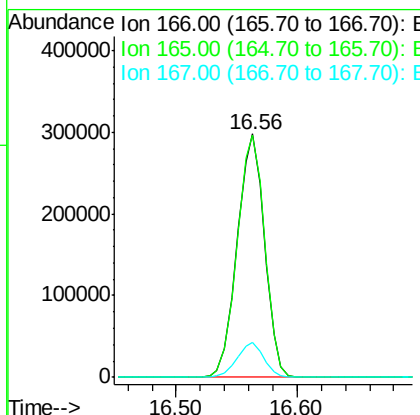
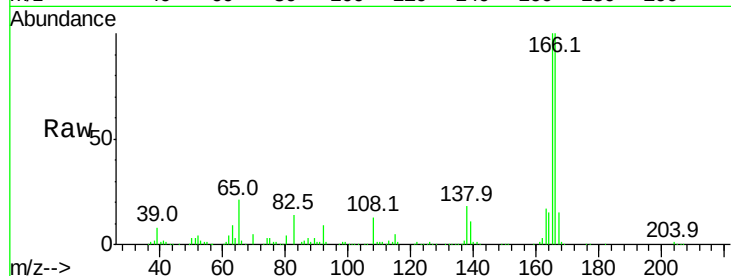




#57
 Fluorene
 Concen: 47.047 ng
 RT: 16.56 min Scan# 2260
 Delta R.T. 0.00 min
 Lab File: BG033025.D
 Acq: 6 Mar 2018 17:23

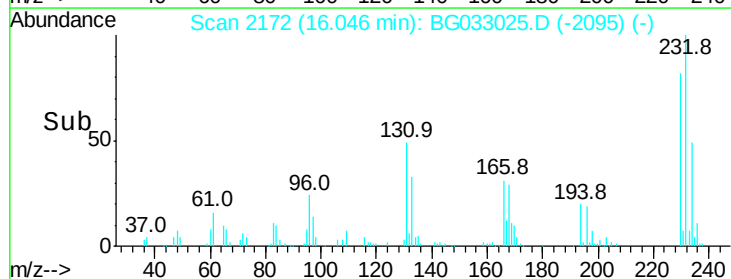
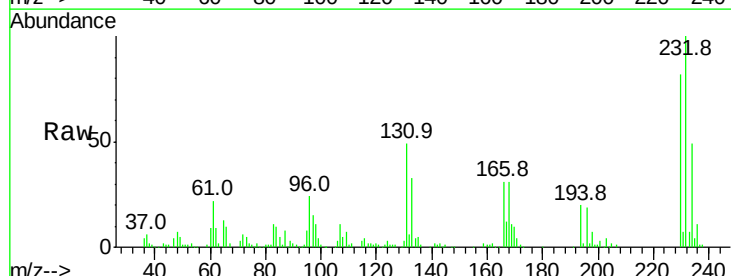
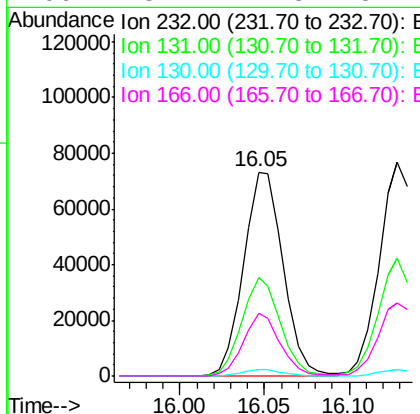
Instrument :
 BNA_G
 ClientSampleId :

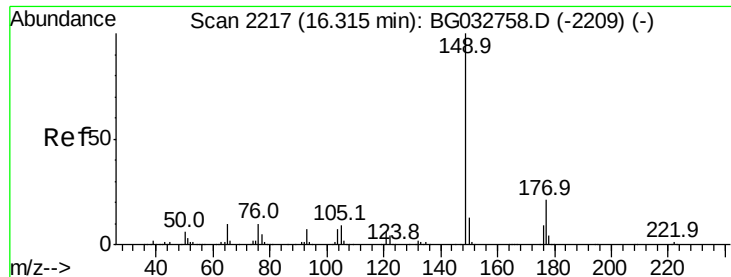
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.7	80.6	121.0
167	14.5	10.4	15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 55.511 ng
 RT: 16.05 min Scan# 2172
 Delta R.T. -0.08 min
 Lab File: BG033025.D
 Acq: 6 Mar 2018 17:23

Tgt Ion	Ratio	Lower	Upper
232	100		
131	47.0	33.5	50.3
130	3.0	2.2	3.2
166	28.7	24.8	37.2

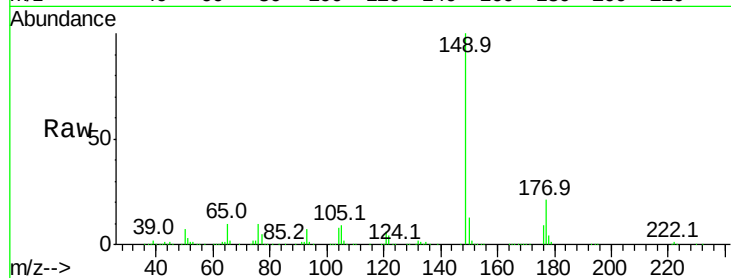




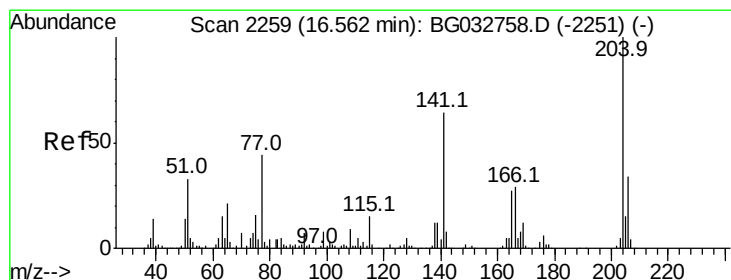
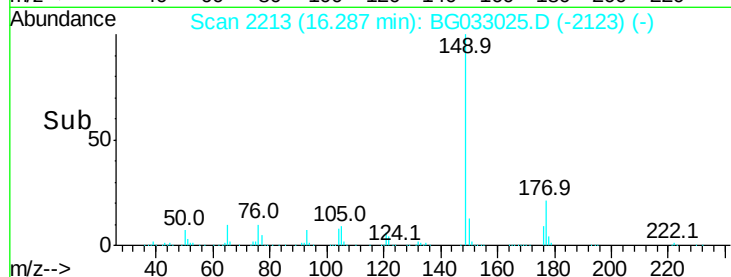
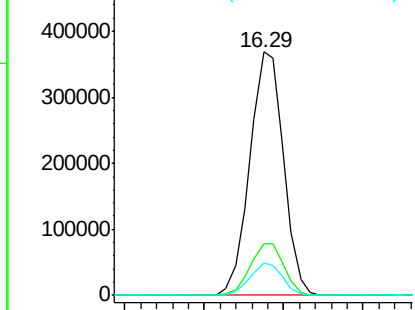
#59
Diethylphthalate
Concen: 47.573 ng
RT: 16.29 min Scan# 2213
Delta R.T. -0.00 min
Lab File: BG033025.D
Acq: 6 Mar 2018 17:23

Instrument :
BNA_G
ClientSampled :

Tot Ion:149 Resp: 543436
Ion Ratio Lower Upper
149 100
177 21.4 18.5 27.7
150 13.5 10.2 15.2

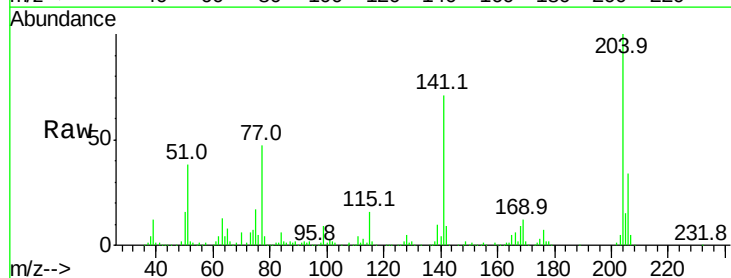


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

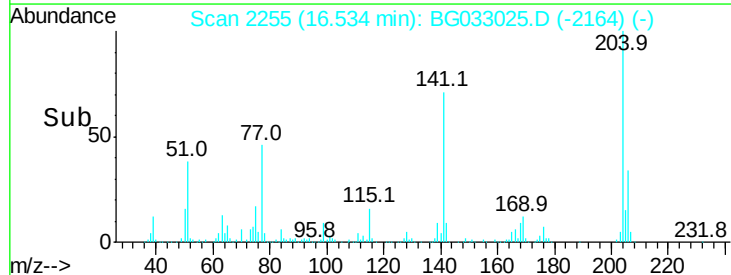
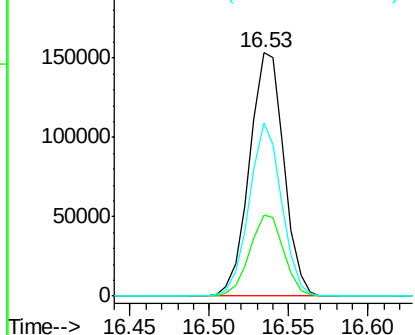


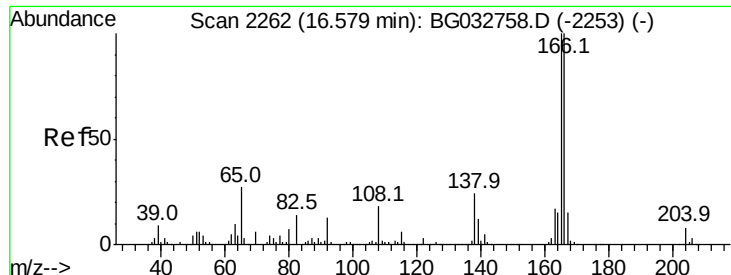
#60
4-Chlorophenyl-phenylether
Concen: 47.312 ng
RT: 16.53 min Scan# 2255
Delta R.T. 0.00 min
Lab File: BG033025.D
Acq: 6 Mar 2018 17:23

Tgt Ion:204 Resp: 230918
Ion Ratio Lower Upper
204 100
206 33.5 26.2 39.2
141 71.3 45.8 68.6#



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

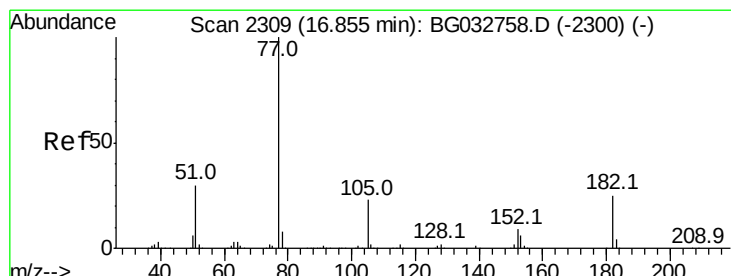
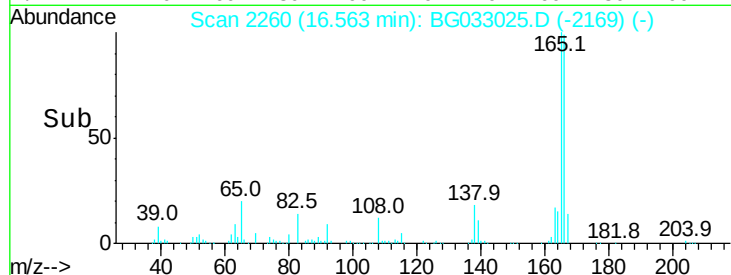
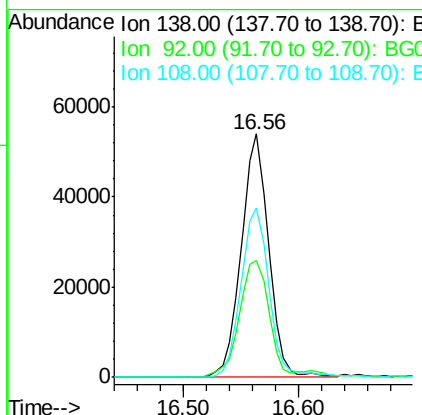
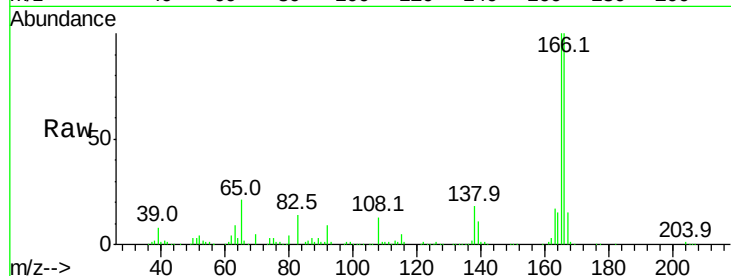




#61
4-Nitroaniline
Concen: 39.163 ng
RT: 16.56 min Scan# 2260
Delta R.T. 0.00 min
Lab File: BG033025.D
Acq: 6 Mar 2018 17:23

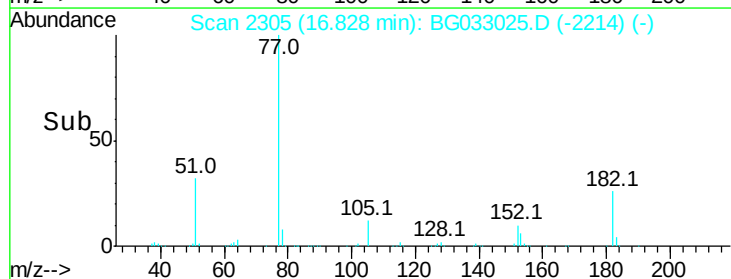
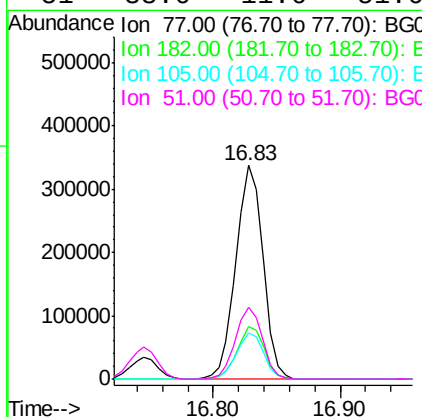
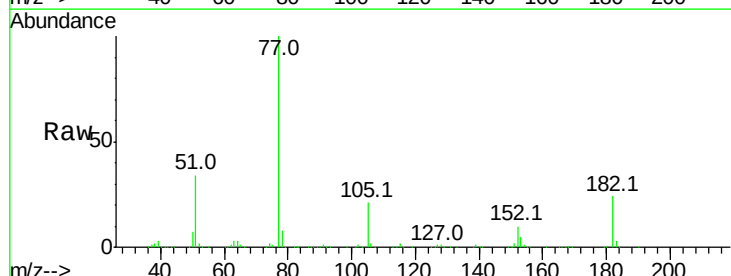
Instrument :
BNA_G
ClientSampleId :

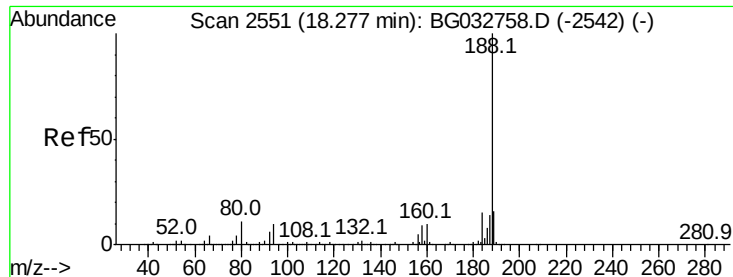
Tot Ion:138 Resp: 89252
Ion Ratio Lower Upper
138 100
92 48.2 40.1 80.1
108 69.4 65.4 105.4



#62
Azobenzene
Concen: 48.759 ng
RT: 16.83 min Scan# 2305
Delta R.T. 0.00 min
Lab File: BG033025.D
Acq: 6 Mar 2018 17:23

Tgt Ion: 77 Resp: 498286
Ion Ratio Lower Upper
77 100
182 24.4 7.4 47.4
105 21.3 0.3 40.3
51 33.6 11.6 51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.26 min Scan# 2548

Delta R.T. 0.00 min

Lab File: BG033025.D

Acq: 6 Mar 2018 17:23

Instrument :

BNA_G

ClientSampleId :

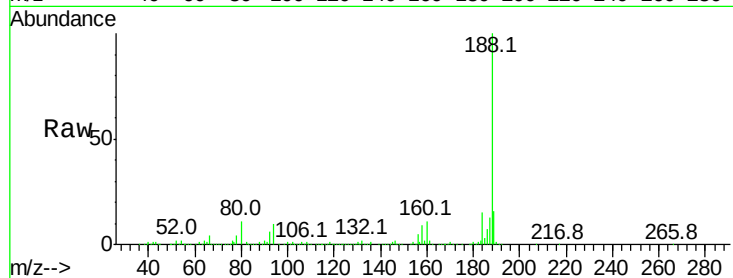
Tot Ion:188 Resp: 305280

Ion Ratio Lower Upper

188 100

94 9.6 6.9 10.3

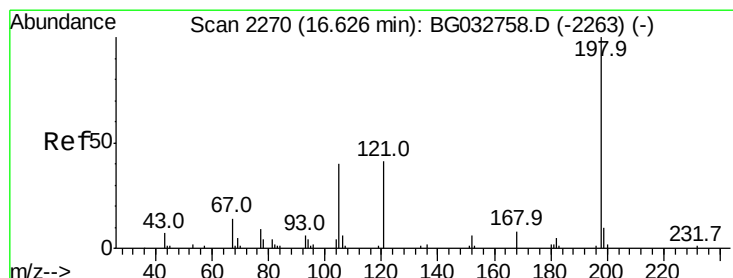
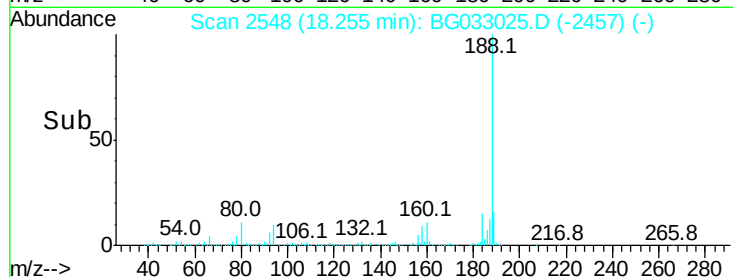
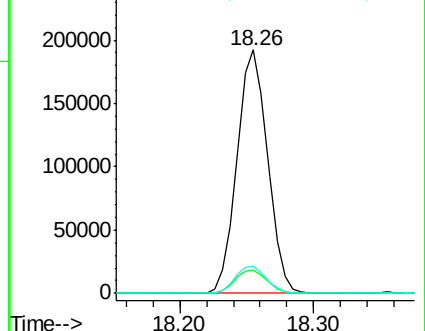
80 11.2 7.7 11.5



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: 68.576 ng

RT: 16.61 min Scan# 2268

Delta R.T. 0.00 min

Lab File: BG033025.D

Acq: 6 Mar 2018 17:23

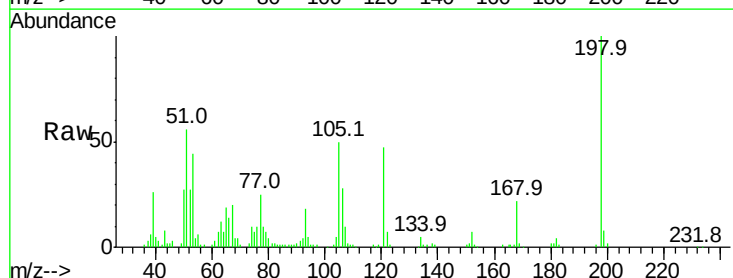
Tgt Ion:198 Resp: 71431

Ion Ratio Lower Upper

198 100

51 56.4 30.6 70.6

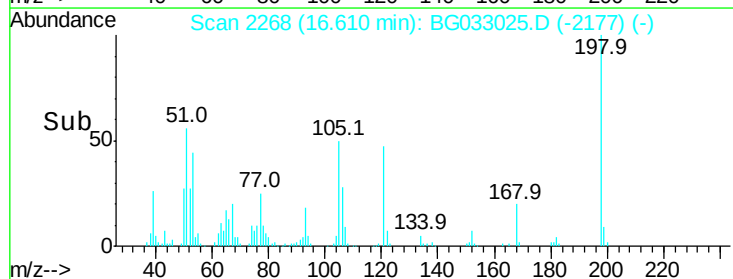
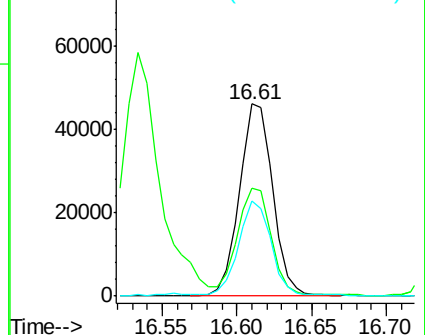
105 49.8 23.8 63.8

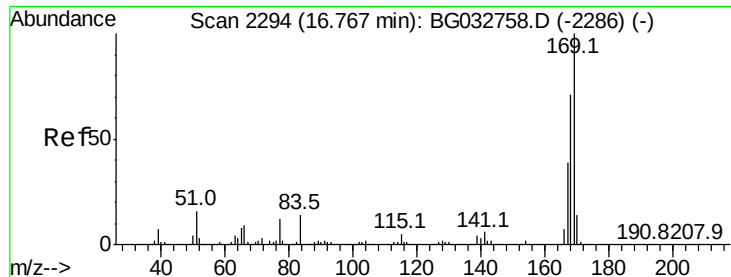


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 44.042 ng

RT: 16.75 min Scan# 2291

Delta R.T. 0.00 min

Lab File: BG033025.D

Acq: 6 Mar 2018 17:23

Instrument :

BNA_G

ClientSampleId :

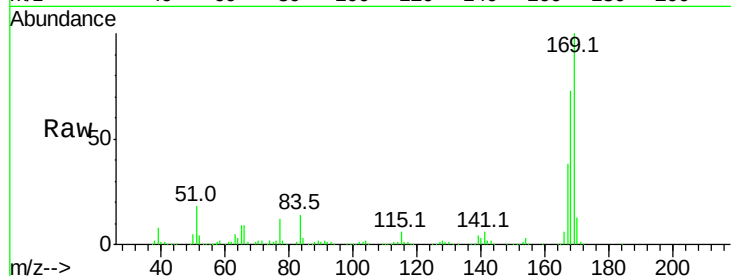
Tot Ion:169 Resp: 437387

Ion Ratio Lower Upper

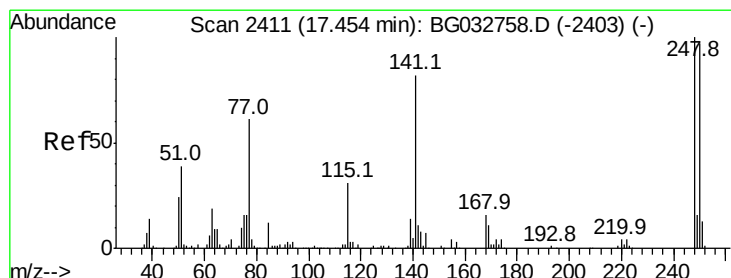
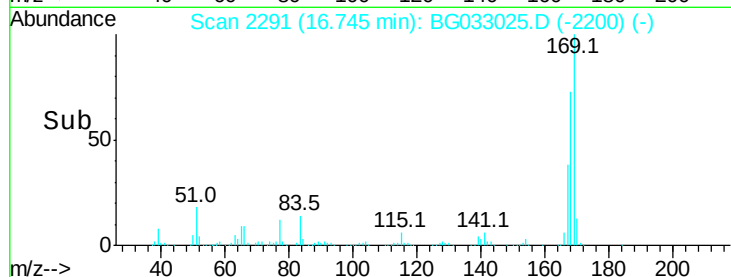
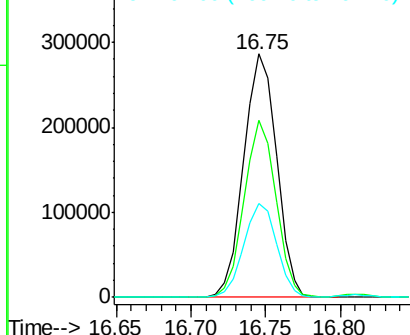
169 100

168 72.9 55.7 83.5

167 38.4 30.1 45.1



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 43.888 ng

RT: 17.43 min Scan# 2407

Delta R.T. 0.00 min

Lab File: BG033025.D

Acq: 6 Mar 2018 17:23

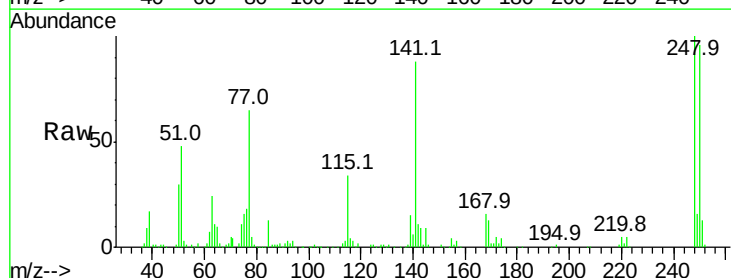
Tgt Ion:248 Resp: 141672

Ion Ratio Lower Upper

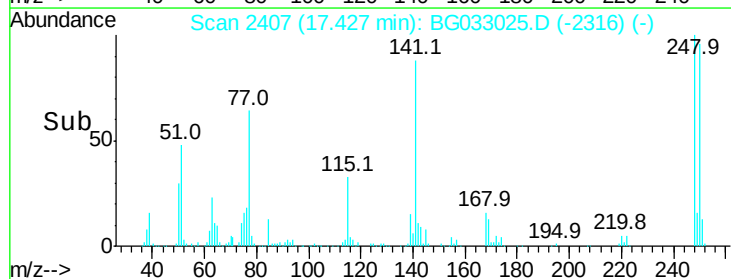
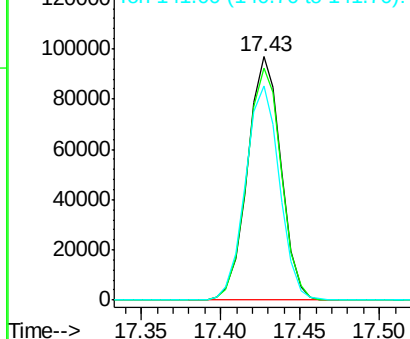
248 100

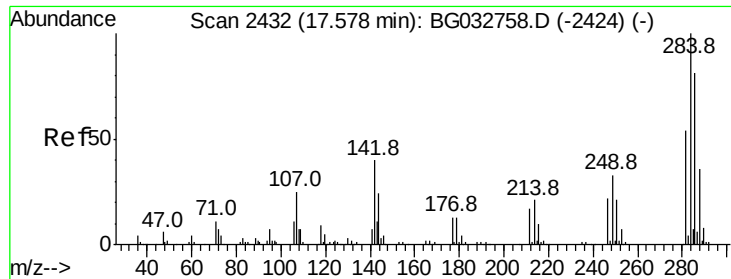
250 95.6 77.1 115.7

141 87.8 50.8 76.2#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

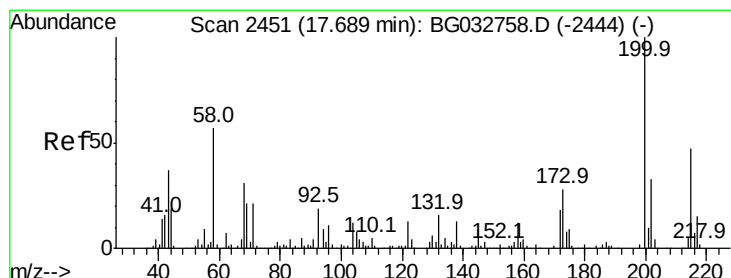
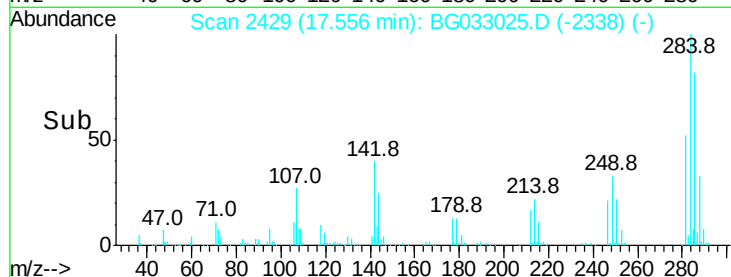
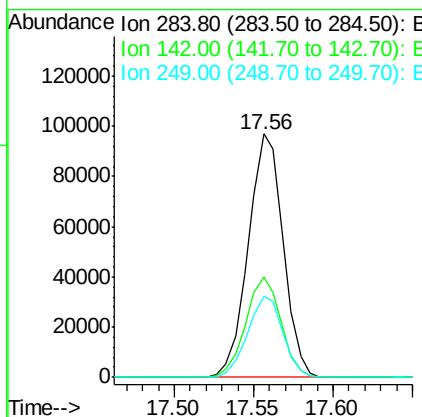
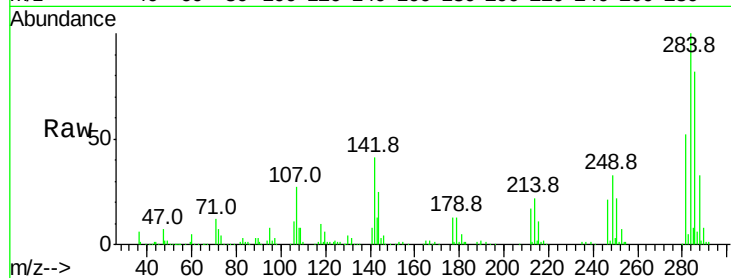




#67
Hexachlorobenzene
Concen: 42.506 ng
RT: 17.56 min Scan# 2429
Delta R.T. 0.00 min
Lab File: BG033025.D
Acq: 6 Mar 2018 17:23

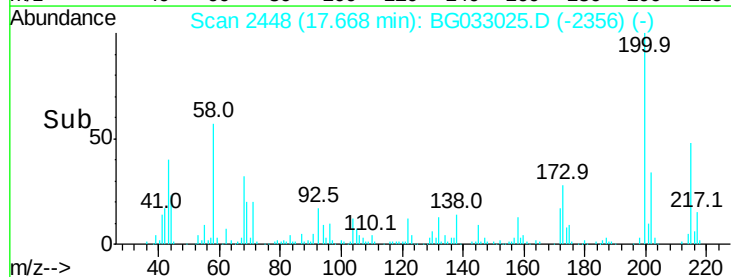
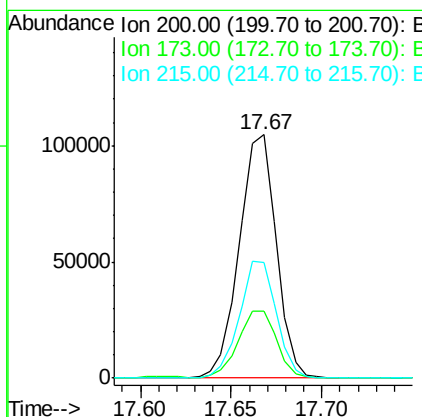
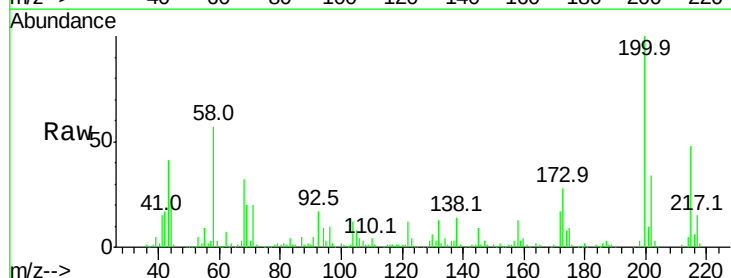
Instrument :
BNA_G
ClientSampleId :

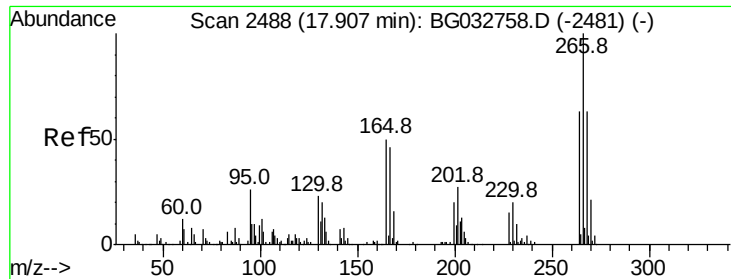
Tot Ion:284 Resp: 148278
Ion Ratio Lower Upper
284 100
142 41.4 26.8 40.2#
249 33.3 26.3 39.5



#68
Atrazine
Concen: 45.544 ng
RT: 17.67 min Scan# 2448
Delta R.T. 0.01 min
Lab File: BG033025.D
Acq: 6 Mar 2018 17:23

Tgt Ion:200 Resp: 148882
Ion Ratio Lower Upper
200 100
173 27.7 5.2 45.2
215 47.6 30.4 70.4

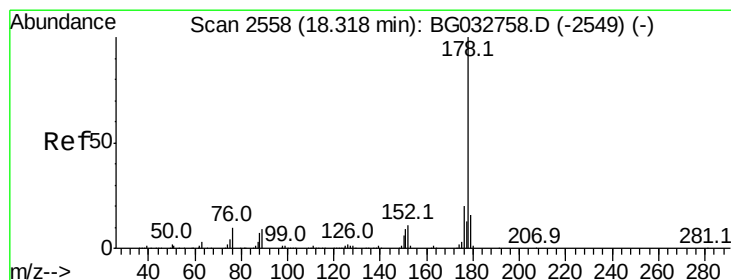
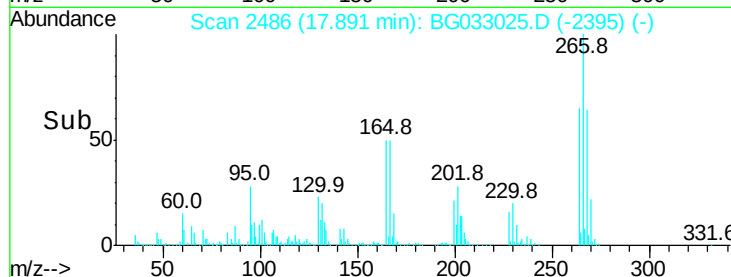
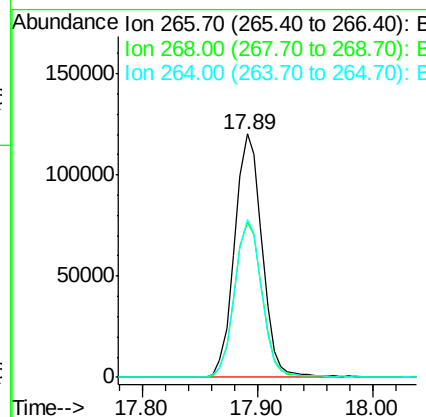
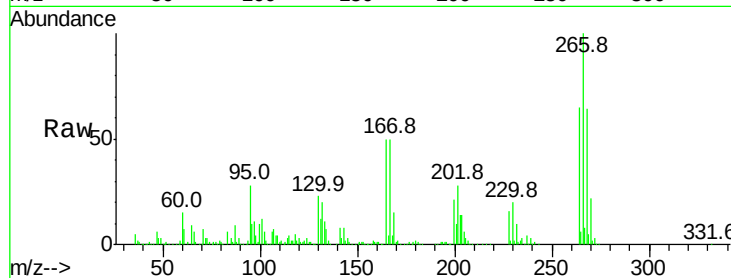




#69
 Pentachlorophenol
 Concen: 90.580 ng
 RT: 17.89 min Scan# 2486
 Delta R.T. 0.00 min
 Lab File: BG033025.D
 Acq: 6 Mar 2018 17:23

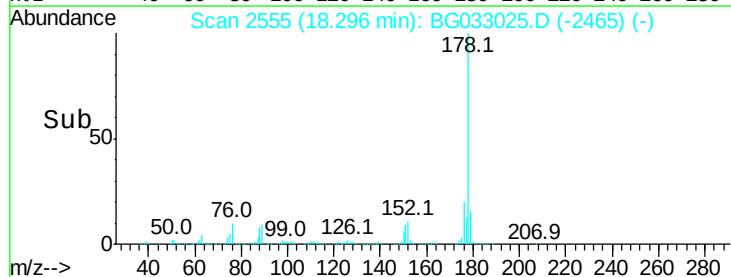
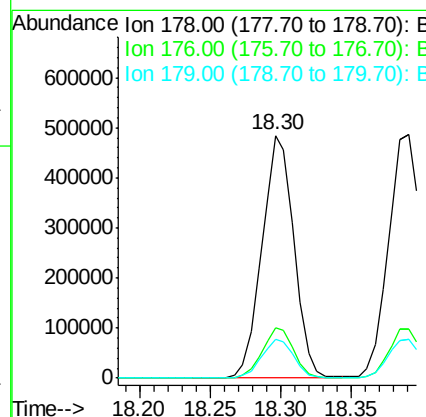
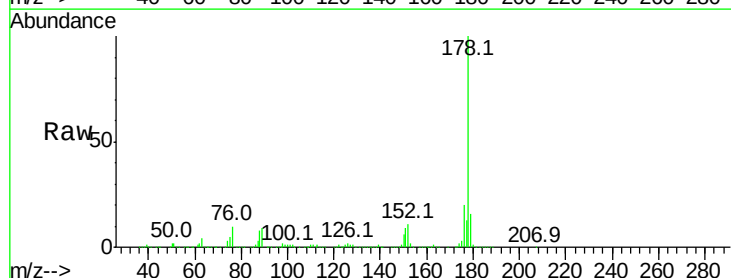
Instrument :
 BNA_G
 ClientSampleId :

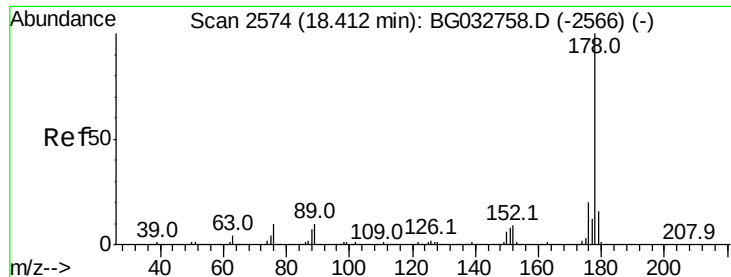
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.9	51.1	76.7
264	64.6	49.6	74.4



#70
 Phenanthrene
 Concen: 45.269 ng
 RT: 18.30 min Scan# 2555
 Delta R.T. -0.00 min
 Lab File: BG033025.D
 Acq: 6 Mar 2018 17:23

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.7	23.5
179	16.2	12.5	18.7

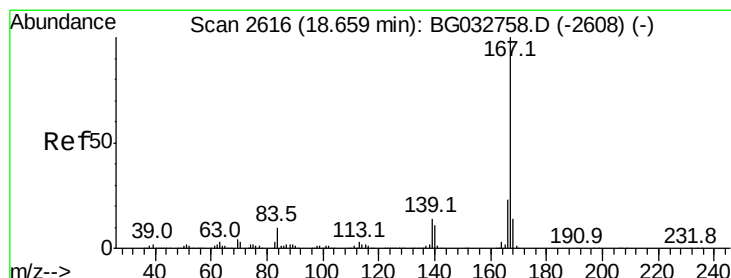
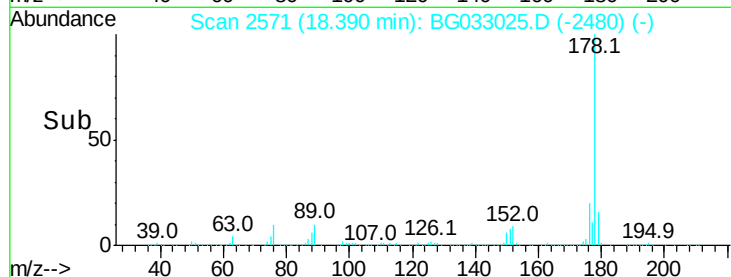
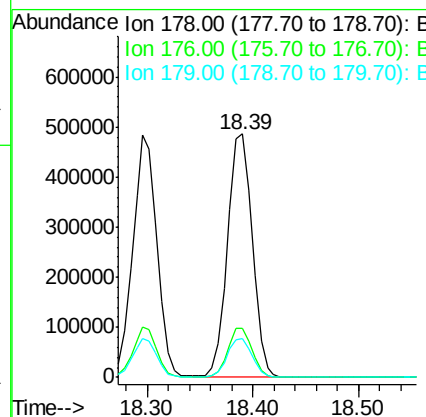
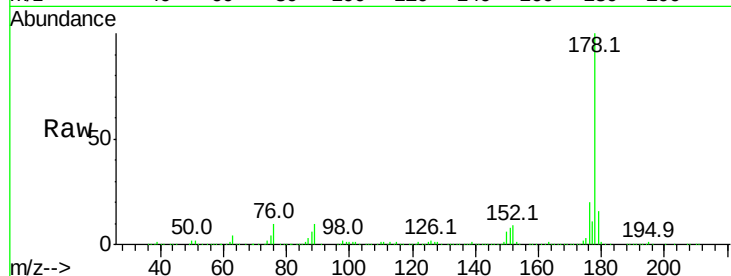




#71
 Anthracene
 Concen: 46.340 ng
 RT: 18.39 min Scan# 2571
 Delta R.T. 0.00 min
 Lab File: BG033025.D
 Acq: 6 Mar 2018 17:23

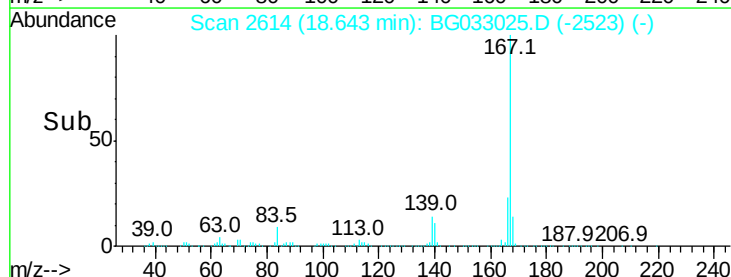
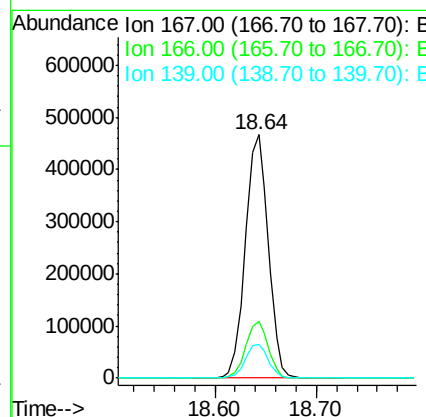
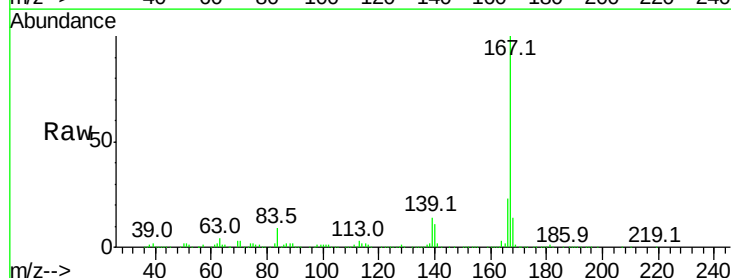
Instrument :
 BNA_G
 ClientSampleId :

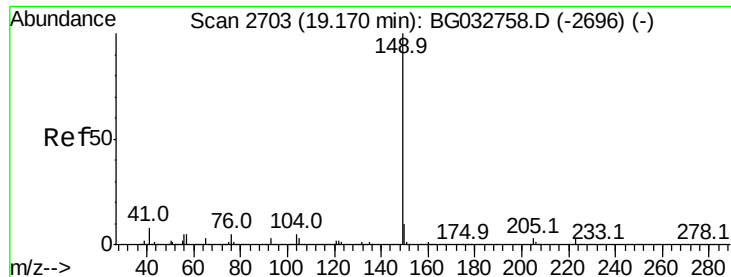
Tot Ion:178 Resp: 792355
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.0 24.0
 179 16.1 12.5 18.7



#72
 Carbazole
 Concen: 43.446 ng
 RT: 18.64 min Scan# 2614
 Delta R.T. 0.00 min
 Lab File: BG033025.D
 Acq: 6 Mar 2018 17:23

Tgt Ion:167 Resp: 732229
 Ion Ratio Lower Upper
 167 100
 166 23.5 18.2 27.4
 139 13.8 9.4 14.2





#73

Di-n-butylphthalate

Concen: 45.326 ng

RT: 19.14 min Scan# 2699

Delta R.T. 0.00 min

Lab File: BG033025.D

Acq: 6 Mar 2018 17:23

Instrument :

BNA_G

ClientSampleId :

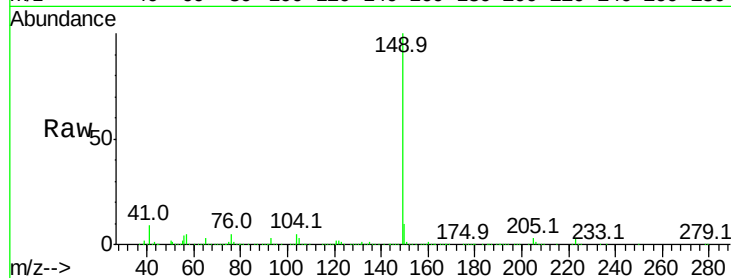
Tot Ion:149 Resp: 937173

Ion Ratio Lower Upper

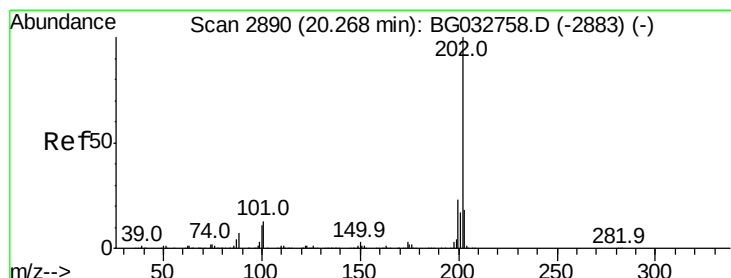
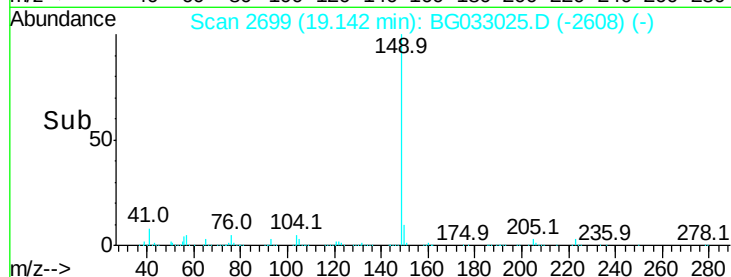
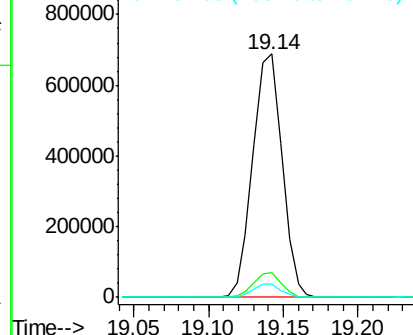
149 100

150 10.0 7.8 11.6

104 5.2 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 45.606 ng

RT: 20.25 min Scan# 2887

Delta R.T. 0.00 min

Lab File: BG033025.D

Acq: 6 Mar 2018 17:23

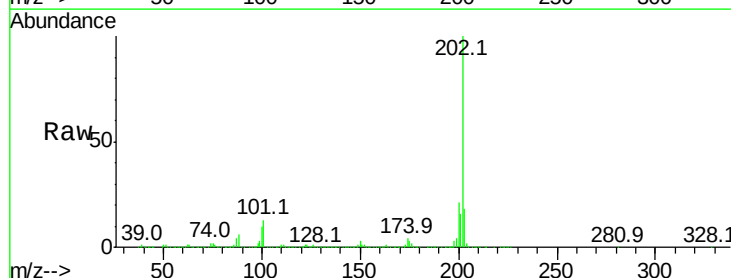
Tgt Ion:202 Resp: 858008

Ion Ratio Lower Upper

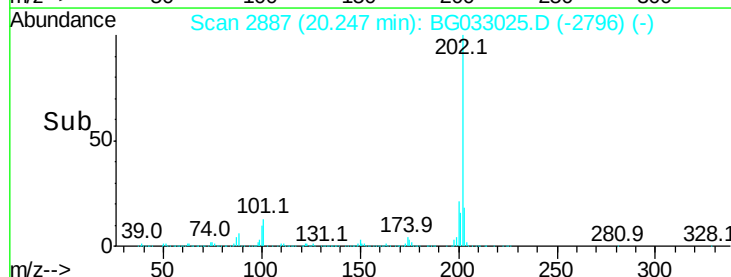
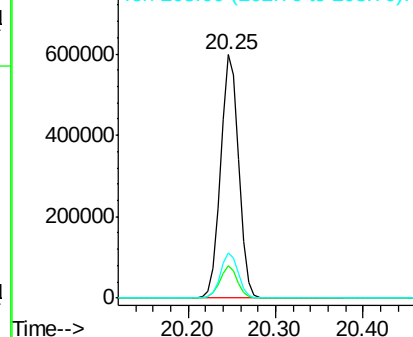
202 100

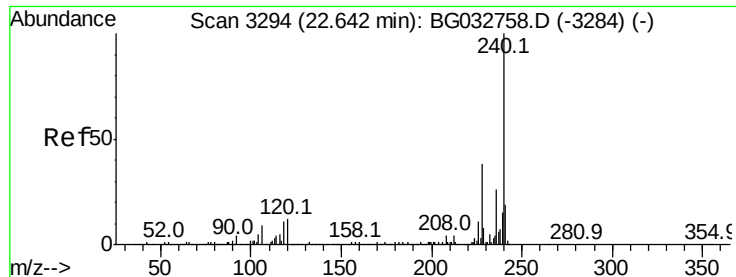
101 13.2 0.0 28.9

203 18.4 0.0 37.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.61 min Scan# 3290

Delta R.T. 0.00 min

Lab File: BG033025.D

Acq: 6 Mar 2018 17:23

Instrument :

BNA_G

ClientSampleId :

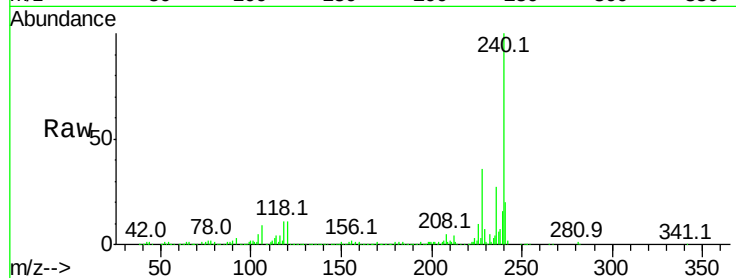
Tot Ion:240 Resp: 282850

Ion Ratio Lower Upper

240 100

120 11.2 6.8 10.2#

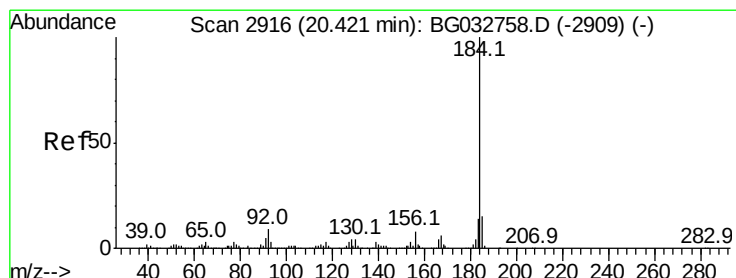
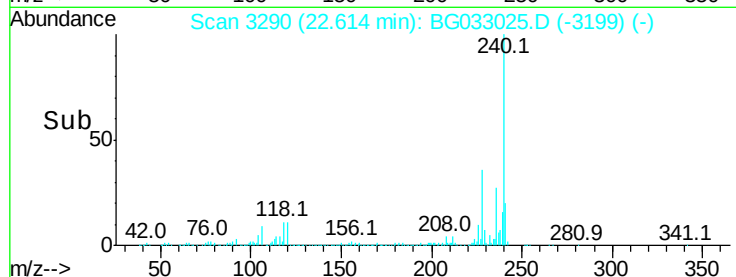
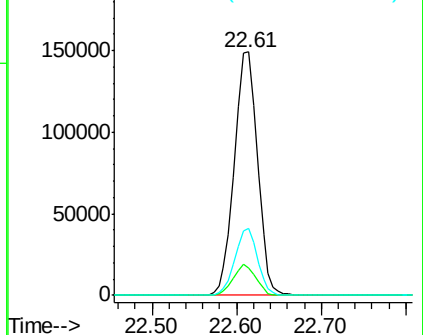
236 27.4 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 5.536 ng

RT: 20.41 min Scan# 2914

Delta R.T. 0.00 min

Lab File: BG033025.D

Acq: 6 Mar 2018 17:23

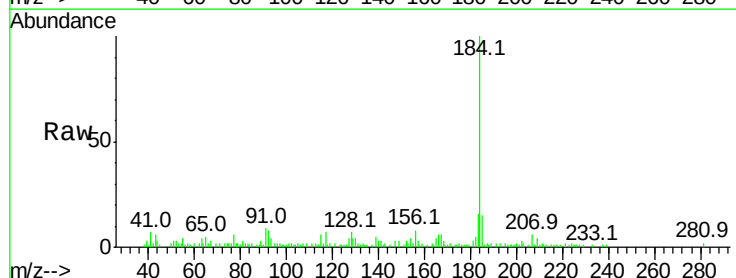
Tgt Ion:184 Resp: 53373

Ion Ratio Lower Upper

184 100

185 15.4 11.1 16.7

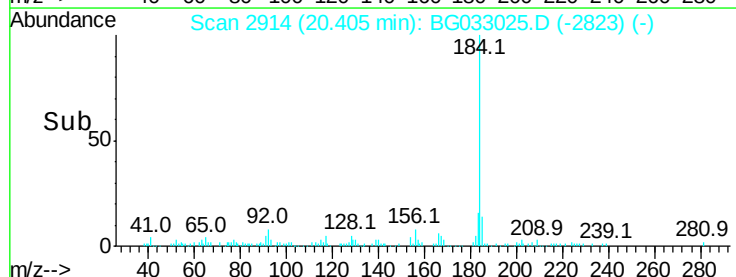
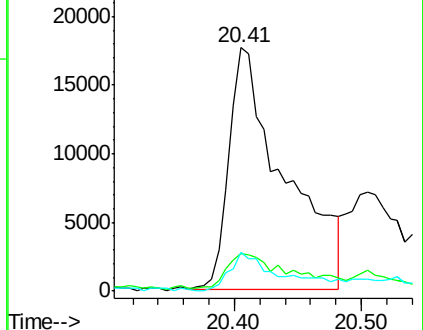
183 15.7 10.6 16.0

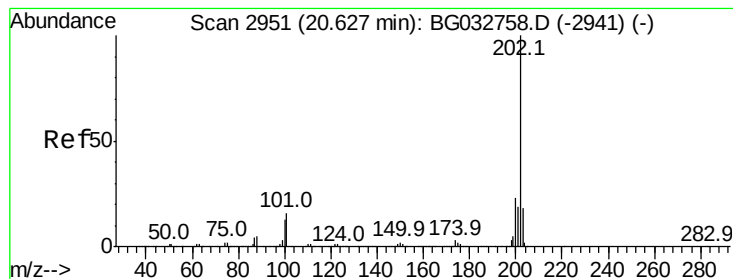


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 43.264 ng

RT: 20.60 min Scan# 2948

Delta R.T. 0.00 min

Lab File: BG033025.D

Acq: 6 Mar 2018 17:23

Instrument :

BNA_G

ClientSampleId :

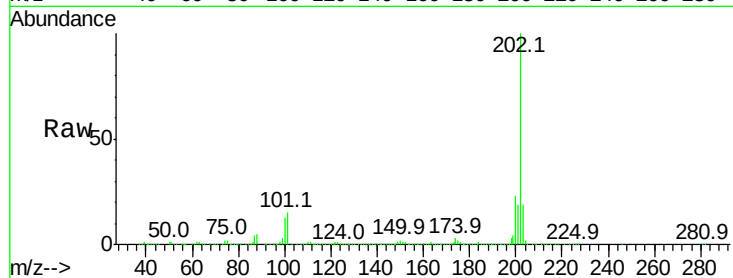
Tot Ion:202 Resp: 862972

Ion Ratio Lower Upper

202 100

200 22.6 16.9 25.3

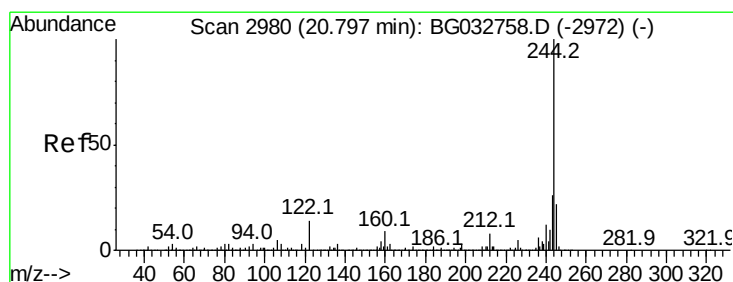
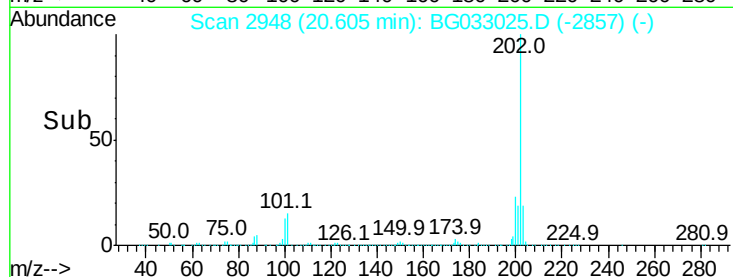
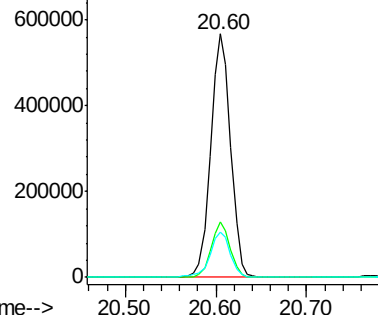
203 18.6 13.9 20.9



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: 99.572 ng

RT: 20.77 min Scan# 2976

Delta R.T. 0.00 min

Lab File: BG033025.D

Acq: 6 Mar 2018 17:23

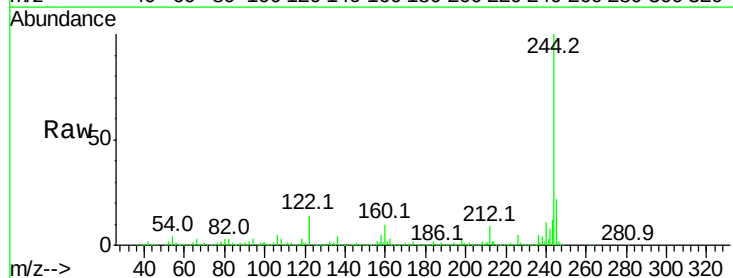
Tgt Ion:244 Resp: 1253548

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

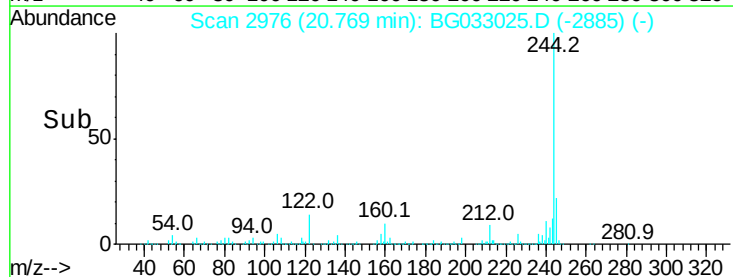
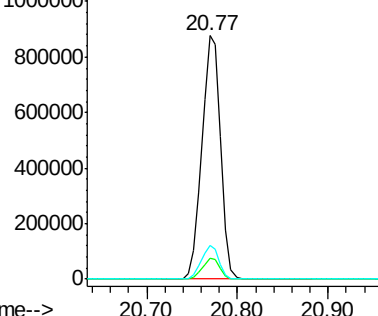
122 13.8 7.0 10.4#

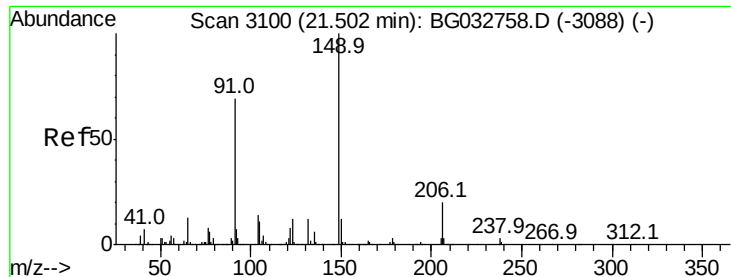


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

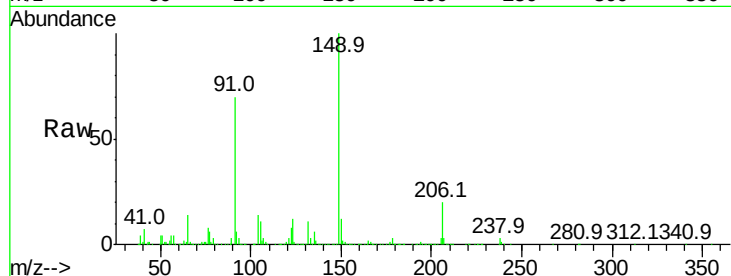




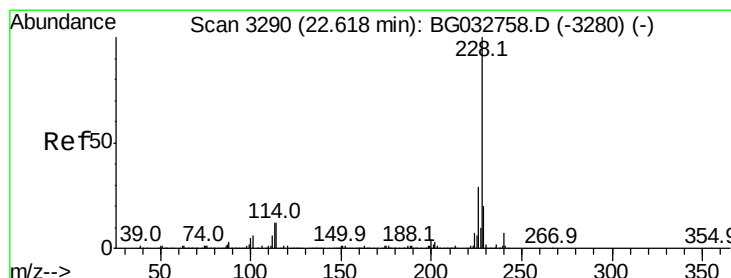
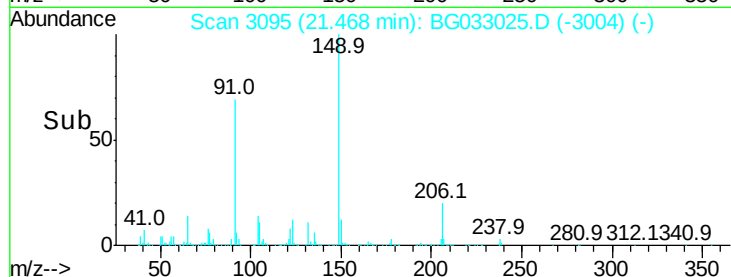
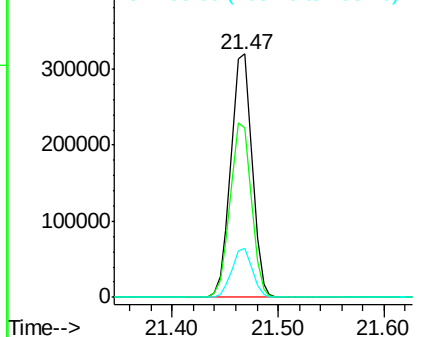
#79
Butylbenzylphthalate
Concen: 50.212 ng
RT: 21.47 min Scan# 3095
Delta R.T. 0.00 min
Lab File: BG033025.D
Acq: 6 Mar 2018 17:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
91	69.5	62.2	93.2
206	20.0	18.6	27.8

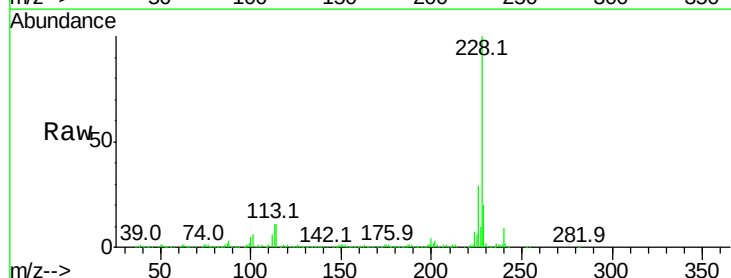


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E

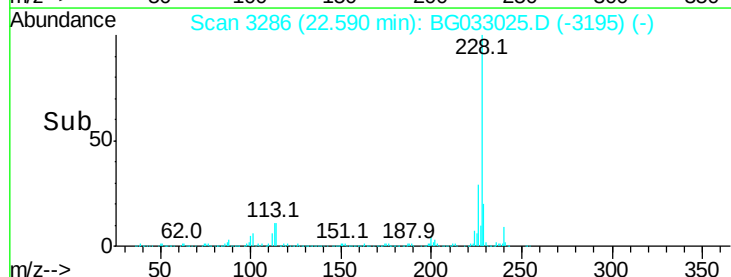
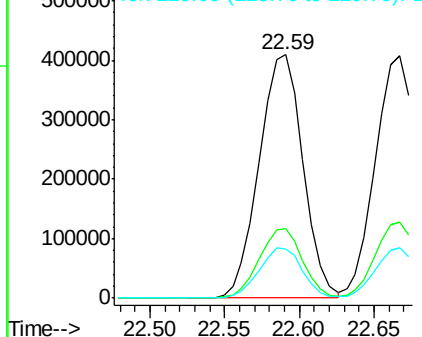


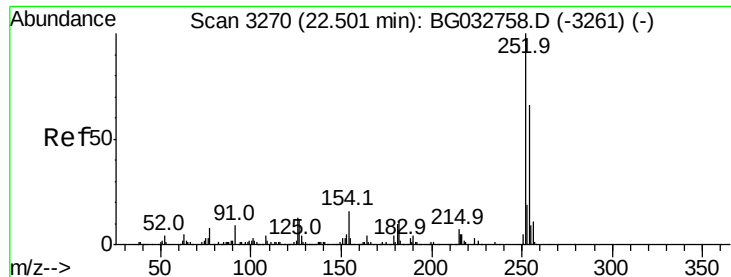
#80
Benzo(a)anthracene
Concen: 45.984 ng
RT: 22.59 min Scan# 3286
Delta R.T. 0.00 min
Lab File: BG033025.D
Acq: 6 Mar 2018 17:23

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.7	34.1
229	20.1	16.2	24.2



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

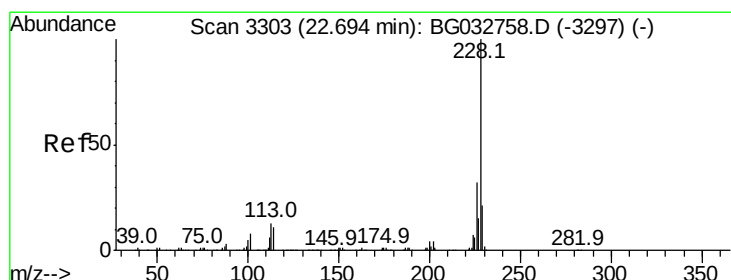
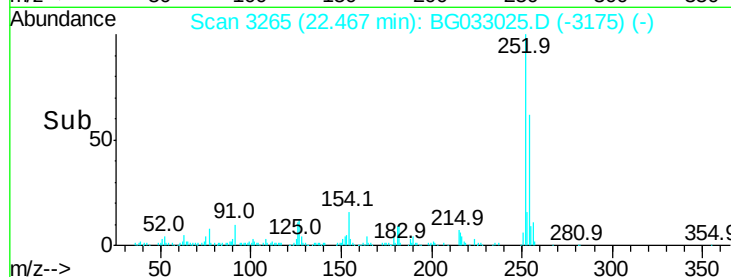
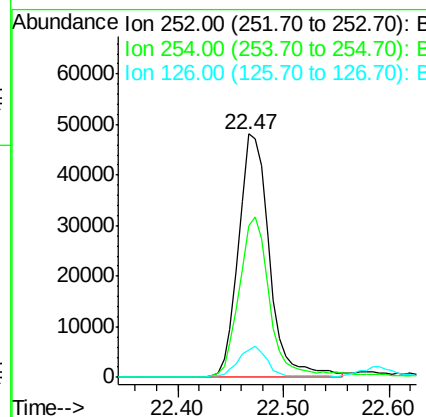
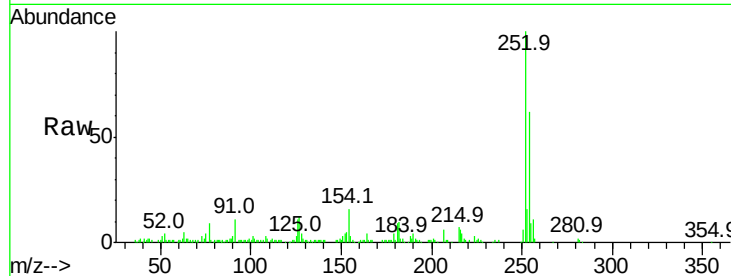




#81
 3,3'-Dichlorobenzidine
 Concen: 14.488 ng
 RT: 22.47 min Scan# 3265
 Delta R.T. -0.00 min
 Lab File: BG033025.D
 Acq: 6 Mar 2018 17:23

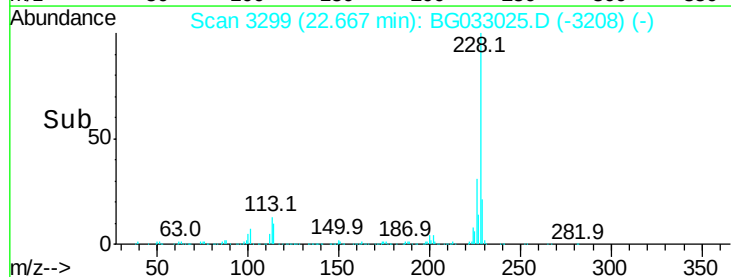
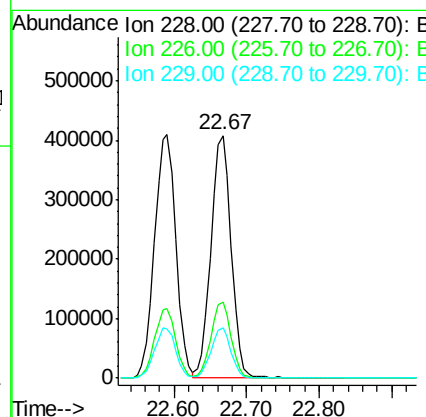
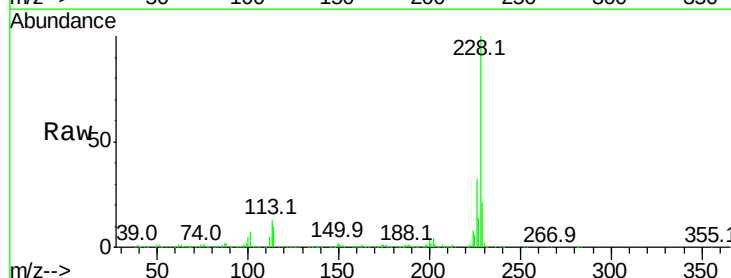
Instrument :
 BNA_G
 ClientSampleId :

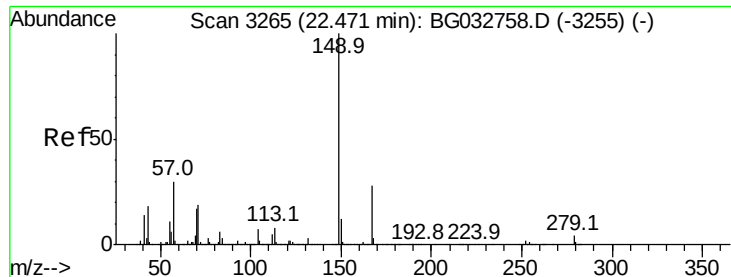
Tot Ion:252 Resp: 97324
 Ion Ratio Lower Upper
 252 100
 254 62.0 50.8 76.2
 126 11.1 7.4 11.2



#82
 Chrysene
 Concen: 45.479 ng
 RT: 22.67 min Scan# 3299
 Delta R.T. 0.00 min
 Lab File: BG033025.D
 Acq: 6 Mar 2018 17:23

Tgt Ion:228 Resp: 787980
 Ion Ratio Lower Upper
 228 100
 226 31.5 24.9 37.3
 229 20.7 15.0 22.4

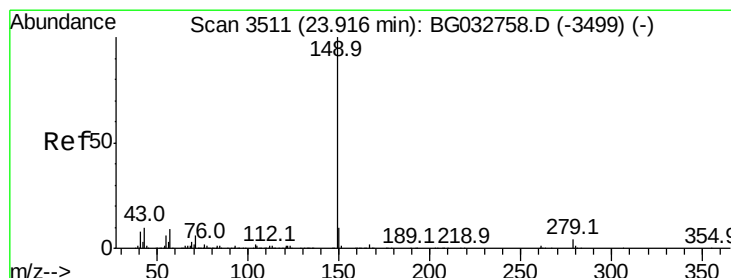
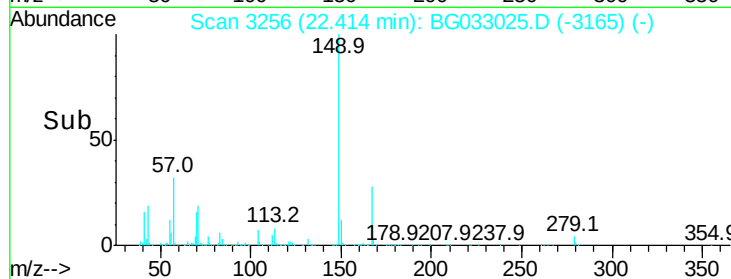
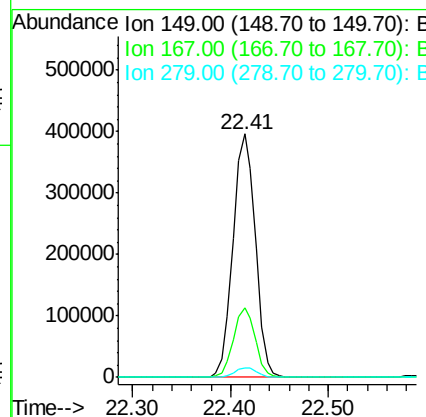
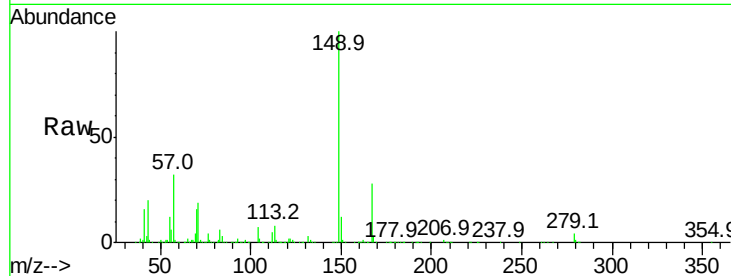




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.023 ng
 RT: 22.41 min Scan# 3256
 Delta R.T. 0.00 min
 Lab File: BG033025.D
 Acq: 6 Mar 2018 17:23

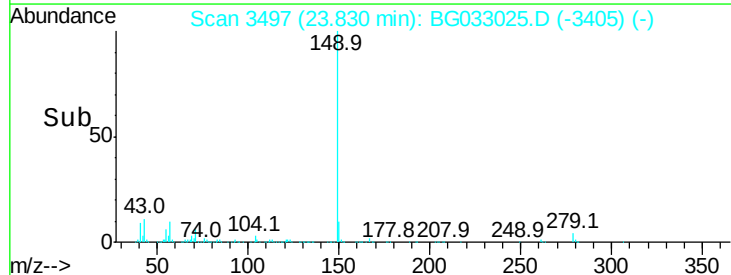
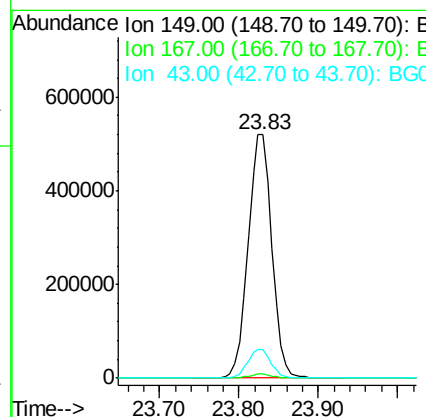
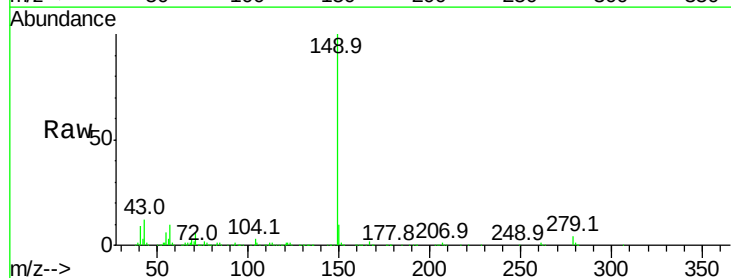
Instrument :
 BNA_G
 ClientSampleId :

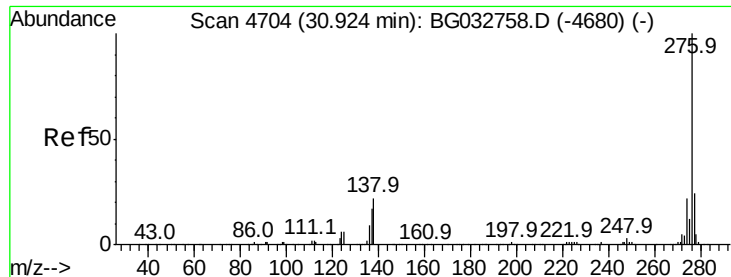
Tot Ion:149 Resp: 628660
 Ion Ratio Lower Upper
 149 100
 167 28.3 24.3 36.5
 279 3.9 4.0 6.0#



#84
 Di-n-octyl phthalate
 Concen: 53.924 ng
 RT: 23.83 min Scan# 3497
 Delta R.T. 0.01 min
 Lab File: BG033025.D
 Acq: 6 Mar 2018 17:23

Tgt Ion:149 Resp: 1075973
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.4 2.0
 43 11.5 8.9 13.3

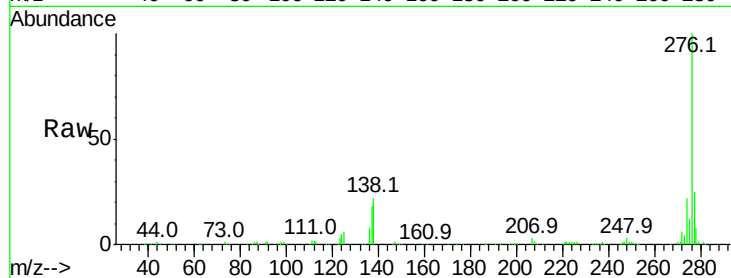




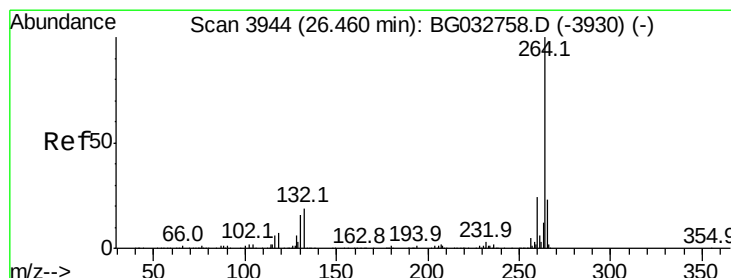
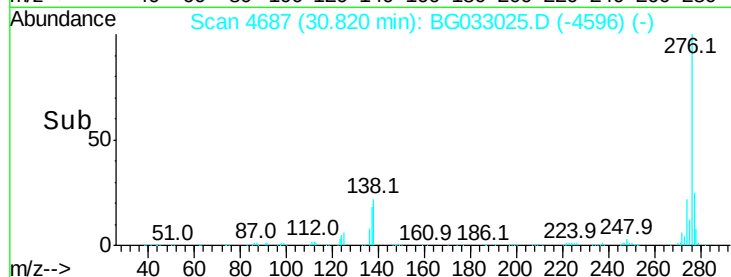
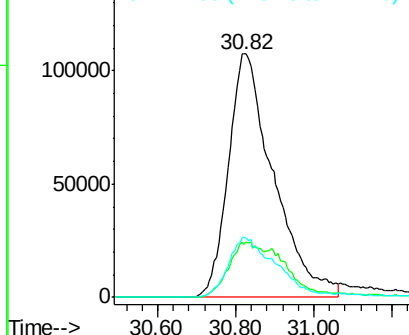
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.751 ng
 RT: 30.82 min Scan# 4687
 Delta R.T. 0.00 min
 Lab File: BG033025.D
 Acq: 6 Mar 2018 17:23

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:276 Resp: 863830
 Ion Ratio Lower Upper
 276 100
 138 8.2 16.0 24.0#
 277 26.0 20.0 30.0

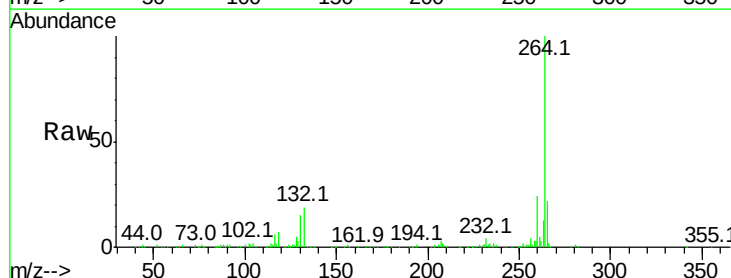


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

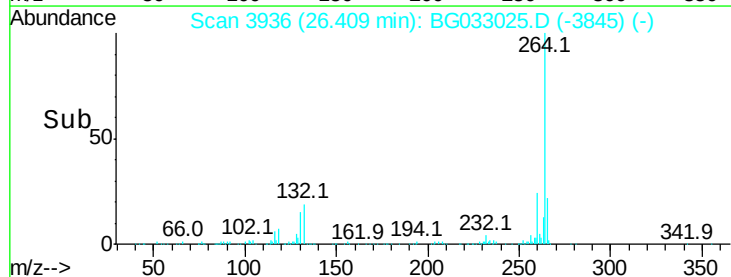
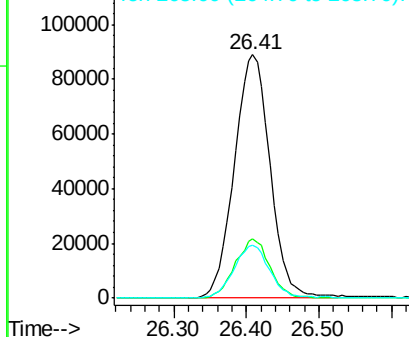


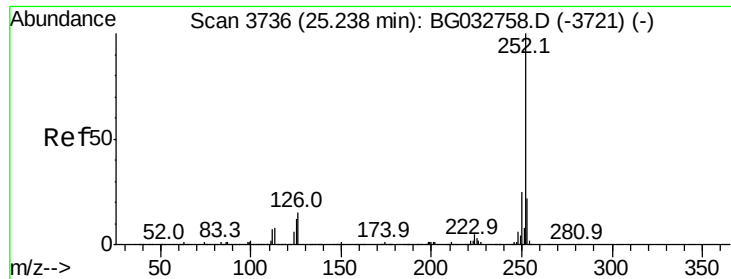
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.41 min Scan# 3936
 Delta R.T. 0.00 min
 Lab File: BG033025.D
 Acq: 6 Mar 2018 17:23

Tgt Ion:264 Resp: 305375
 Ion Ratio Lower Upper
 264 100
 260 24.3 17.4 26.0
 265 21.8 17.7 26.5



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

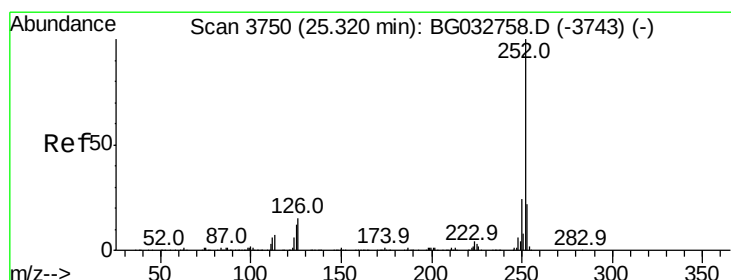
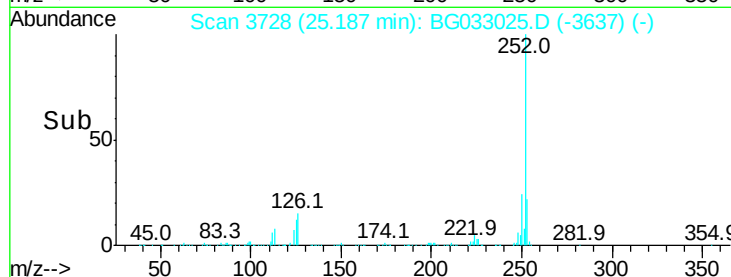
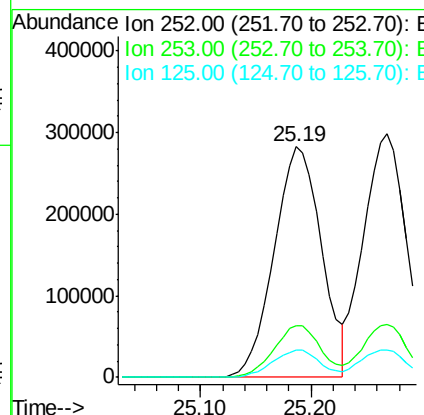
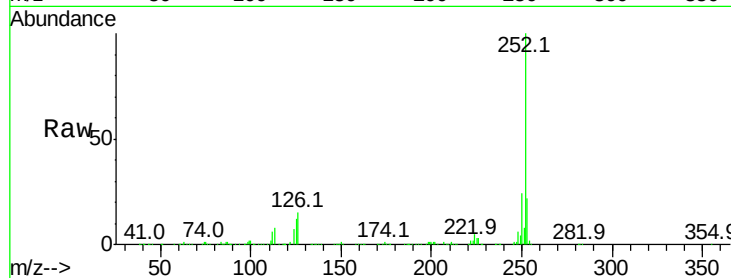




#87
Benzo(b)fluoranthene
Concen: 46.522 ng
RT: 25.19 min Scan# 3728
Delta R.T. 0.00 min
Lab File: BG033025.D
Acq: 6 Mar 2018 17:23

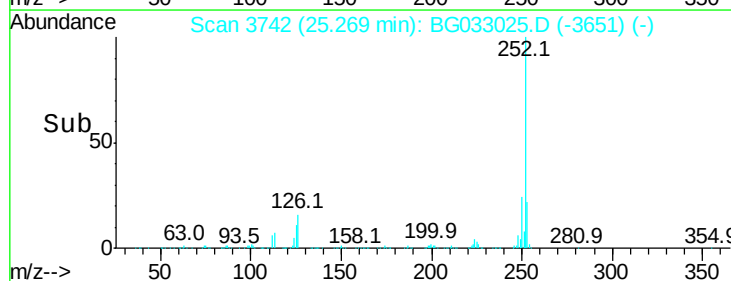
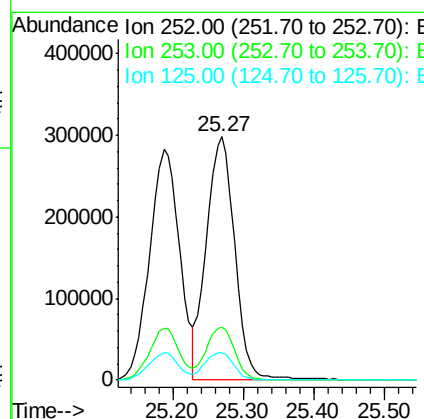
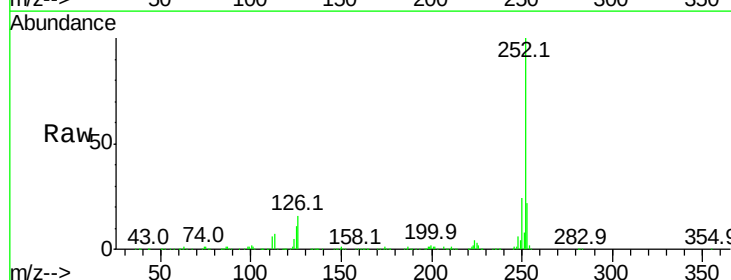
Instrument :
BNA_G
ClientSampleId :

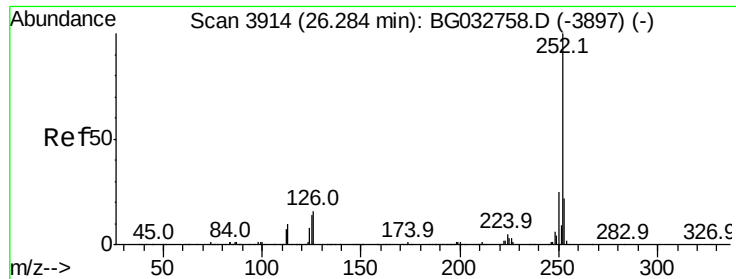
Tot Ion:252 Resp: 839997
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.4
125 11.9 7.2 10.8#



#88
Benzo(k)fluoranthene
Concen: 46.144 ng
RT: 25.27 min Scan# 3742
Delta R.T. 0.00 min
Lab File: BG033025.D
Acq: 6 Mar 2018 17:23

Tgt Ion:252 Resp: 828027
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 11.1 6.6 9.8#





#89

Benzo(a)pyrene

Concen: 47.326 ng

RT: 26.23 min Scan# 3905

Delta R.T. 0.00 min

Lab File: BG033025.D

Acq: 6 Mar 2018 17:23

Instrument :

BNA_G

ClientSampleId :

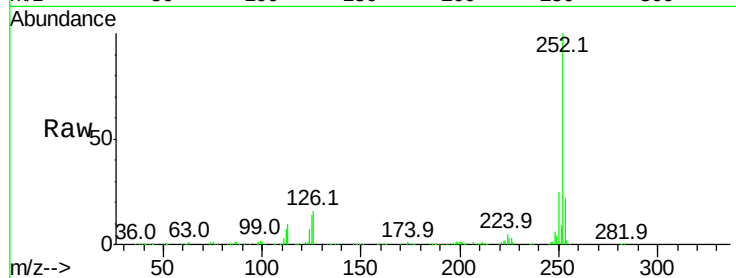
Tot Ion:252 Resp: 812753

Ion Ratio Lower Upper

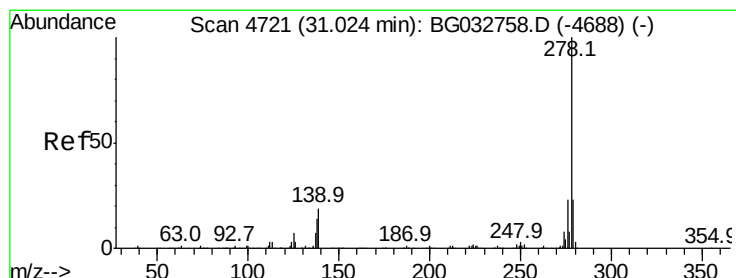
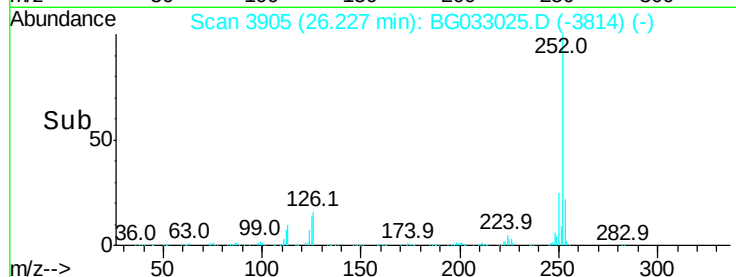
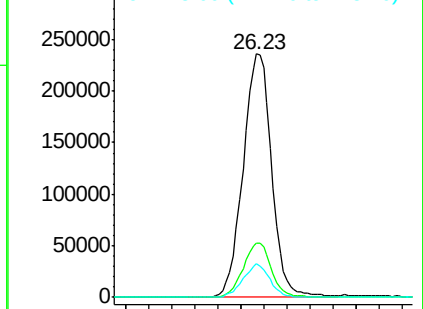
252 100

253 22.4 18.3 27.5

125 13.7 7.3 10.9#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 42.755 ng

RT: 30.90 min Scan# 4701

Delta R.T. -0.00 min

Lab File: BG033025.D

Acq: 6 Mar 2018 17:23

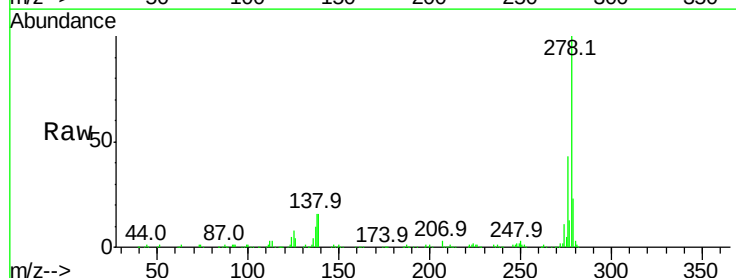
Tgt Ion:278 Resp: 739077

Ion Ratio Lower Upper

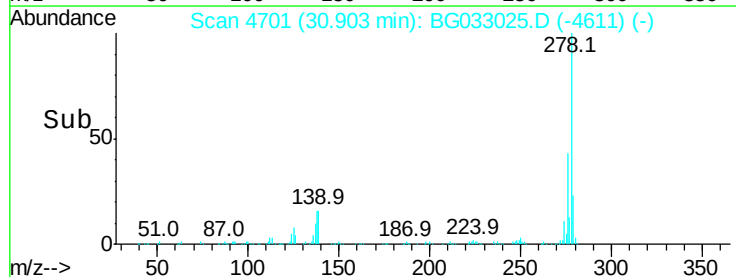
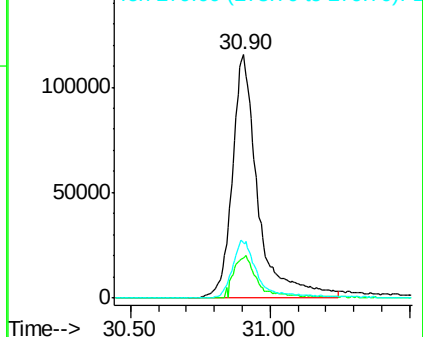
278 100

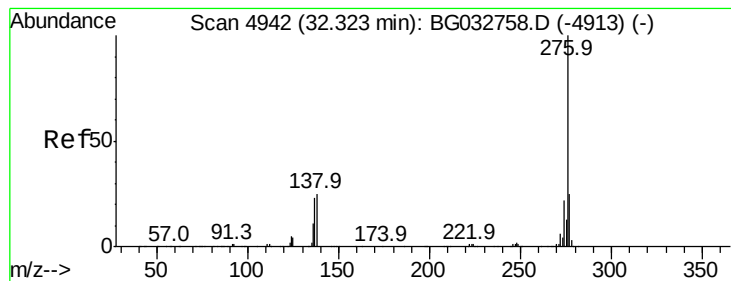
139 16.5 9.8 14.6#

279 23.0 18.4 27.6



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 43.251 ng

RT: 32.22 min Scan# 4925

Delta R.T. 0.01 min

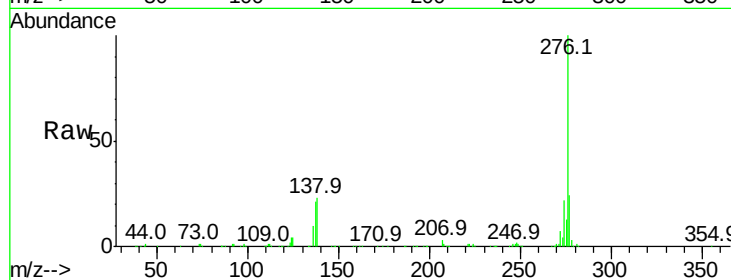
Lab File: BG033025.D

Acq: 6 Mar 2018 17:23

Instrument :

BNA_G

ClientSampleId :



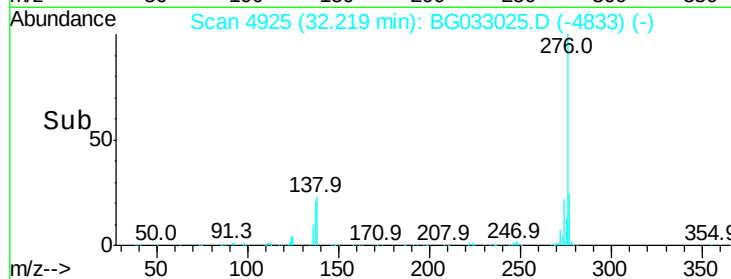
Tot Ion:276 Resp: 737009

Ion Ratio Lower Upper

276 100

277 23.5 18.3 27.5

138 23.1 13.9 20.9#



Abundance Ion 276.00 (275.70 to 276.70): E

150000 Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

