

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042518\
 Data File : BG033994.D
 Acq On : 25 Apr 2018 19:46
 Operator : SJ/JU
 Sample : PB108550BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 26 06:27:34 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 13:56:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	63618	20.00	ng	0.00
21) Naphthalene-d8	10.61	136	299233	20.00	ng	-0.01
38) Acenaphthene-d10	14.46	164	210248	20.00	ng	-0.01
63) Phenanthrene-d10	17.21	188	523383	20.00	ng	-0.01
75) Chrysene-d12	21.47	240	559780	20.00	ng	-0.02
86) Perylene-d12	24.53	264	576473	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.44	112	465211	116.75	ng	0.00
7) Phenol-d6	7.00	99	635757	109.39	ng	0.00
23) Nitrobenzene-d5	8.98	82	378709	72.02	ng	0.00
41) 2,4,6-Tribromophenol	15.95	330	295478	120.46	ng	-0.01
44) 2-Fluorobiphenyl	13.08	172	1021016	71.34	ng	-0.02
78) Terphenyl-d14	19.84	244	1764257	70.81	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.42	88	42504	25.243	ng	# 87
3) Pyridine	3.79	79	126503	25.967	ng	94
4) n-Nitrosodimethylamine	3.72	42	69796	31.447	ng	# 88
6) Aniline	7.16	93	183512	23.621	ng	97
8) 2-Chlorophenol	7.39	128	167179	37.443	ng	92
9) Benzaldehyde	6.97	77	71412	20.046	ng	96
10) Phenol	7.02	94	218138	36.637	ng	98
11) bis(2-Chloroethyl)ether	7.26	93	145872	32.033	ng	95
12) 1,3-Dichlorobenzene	7.72	146	163253	31.762	ng	97
13) 1,4-Dichlorobenzene	7.86	146	167078	32.094	ng	97
14) 1,2-Dichlorobenzene	8.18	146	158447	31.297	ng	94
15) Benzyl Alcohol	8.06	79	165728	32.701	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.35	45	248785	28.011	ng	96
17) 2-Methylphenol	8.26	107	152656	34.599	ng	96
18) Hexachloroethane	8.90	117	57305	30.124	ng	99
19) n-Nitroso-di-n-propylamine	8.63	70	141404	28.542	ng	# 97
20) 3+4-Methylphenols	8.59	107	212086	33.081	ng	95
22) Acetophenone	8.64	105	249688	30.658	ng	# 96
24) Nitrobenzene	9.02	77	192110	33.529	ng	90
25) Isophorone	9.54	82	374857	31.710	ng	95
26) 2-Nitrophenol	9.73	139	95603	42.229	ng	91
27) 2,4-Dimethylphenol	9.79	122	176675	41.722	ng	96
28) bis(2-Chloroethoxy)methane	10.03	93	222464	35.607	ng	96
29) 2,4-Dichlorophenol	10.26	162	191700	40.610	ng	94
30) 1,2,4-Trichlorobenzene	10.47	180	179994	34.044	ng	99
31) Naphthalene	10.66	128	500990	32.557	ng	98
32) Benzoic acid	9.91	122	127481	32.090	ng	# 84
33) 4-Chloroaniline	10.77	127	153749	21.257	ng	95
34) Hexachlorobutadiene	10.95	225	106030	33.523	ng	97
35) Caprolactam	11.54	113	40164	20.012	ng	# 83
36) 4-Chloro-3-methylphenol	11.89	107	204933	35.569	ng	# 90
37) 2-Methylnaphthalene	12.28	142	401125	34.048	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.65	216	238664	34.185	ng	98
40) Hexachlorocyclopentadiene	12.63	237	302517	78.806	ng	91

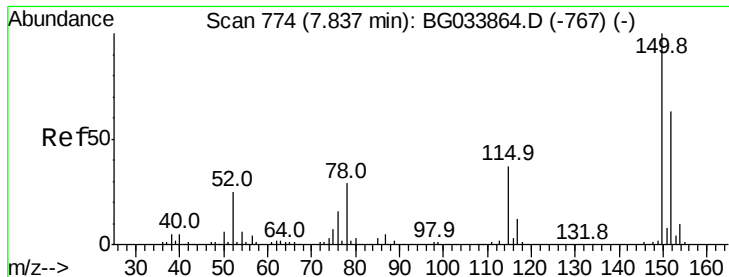
Data Path : Z:\HPCHEM1\BNA G\DATA\BG042518\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.88	196	168237	39.523	nq	93
43) 2,4,5-Trichlorophenol	12.95	196	182139	37.220	nq	97
45) 1,1'-Biphenyl	13.29	154	557754	32.772	nq	99
46) 2-Chloronaphthalene	13.33	162	420987	32.622	nq	98
47) 2-Nitroaniline	13.53	65	140376	34.839	nq	89
48) Acenaphthylene	14.18	152	679983	31.699	nq	99
49) Dimethylphthalate	13.92	163	588598	31.826	nq	99
50) 2,6-Dinitrotoluene	14.04	165	132662	37.851	nq #	80
51) Acenaphthene	14.53	154	425208	31.554	nq	98
52) 3-Nitroaniline	14.36	138	99697	26.196	nq #	83
53) 2,4-Dinitrophenol	14.57	184	85485	68.201	nq #	60
54) Dibenzofuran	14.86	168	681222	34.098	nq	98
55) 4-Nitrophenol	14.67	139	239242	80.153	nq	88
56) 2,4-Dinitrotoluene	14.83	165	184491	39.584	nq #	79
57) Fluorene	15.51	166	563928	32.620	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.09	232	181198	40.440	nq	97
59) Diethylphthalate	15.30	149	594367	30.404	nq	98
60) 4-Chlorophenyl-phenylether	15.51	204	310780	34.369	nq	97
61) 4-Nitroaniline	15.53	138	145472	36.001	nq	91
62) Azobenzene	15.80	77	522817	30.002	nq	97
64) 4,6-Dinitro-2-methylphenol	15.58	198	81387	34.417	nq	89
65) n-Nitrosodiphenylamine	15.73	169	501787	32.977	nq	98
66) 4-Bromophenyl-phenylether	16.41	248	197389	34.341	nq	95
67) Hexachlorobenzene	16.51	284	207565	33.862	nq	99
68) Atrazine	16.68	200	215331	36.123	nq	98
69) Pentachlorophenol	16.86	266	273019	64.842	nq	95
70) Phenanthrene	17.25	178	916359	32.637	nq	97
71) Anthracene	17.35	178	940434	33.493	nq	99
72) Carbazole	17.62	167	863719	31.885	nq	98
73) Di-n-butylphthalate	18.19	149	1048616	31.117	nq	99
74) Fluoranthene	19.27	202	1176707	34.646	nq	97
76) Benzidine	19.46	184	571892	37.833	nq	98
77) Pyrene	19.63	202	1172766	31.942	nq	95
79) Butylbenzylphthalate	20.55	149	498056	30.889	nq	90
80) Benzo(a)anthracene	21.45	228	1189911	33.710	nq	99
81) 3,3'-Dichlorobenzidine	21.37	252	296022	22.492	nq	99
82) Chrysene	21.51	228	1105550	32.798	nq	96
83) Bis(2-ethylhexyl)phthalate	21.39	149	687533	30.193	nq	97
84) Di-n-octyl phthalate	22.56	149	1176026	32.538	nq	98
85) Indeno(1,2,3-cd)pyrene	27.98	276	1351086	35.213	nq #	93
87) Benzo(b)fluoranthene	23.56	252	1195776	34.002	nq	99
88) Benzo(k)fluoranthene	23.63	252	1155209	33.069	nq	98
89) Benzo(a)pyrene	24.39	252	1158298	34.390	nq	99
90) Dibenzo(a,h)anthracene	28.05	278	1122267	34.436	nq	98
91) Benzo(g,h,i)perylene	29.07	276	1117509	34.848	nq	99

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

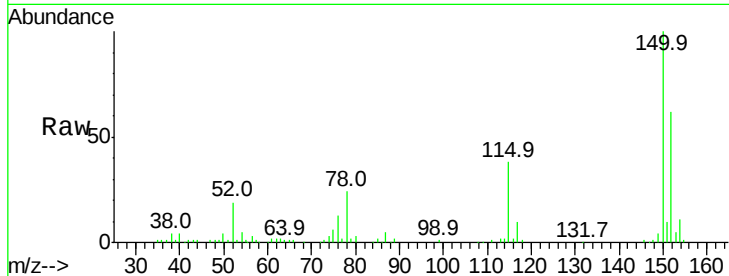


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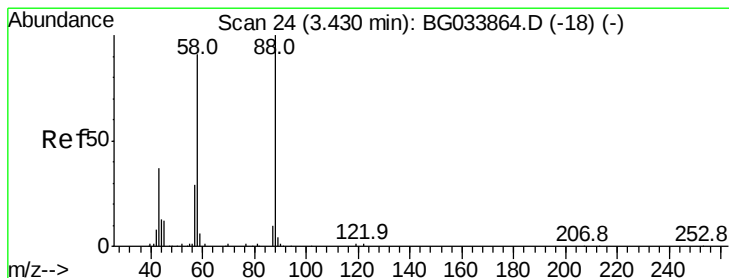
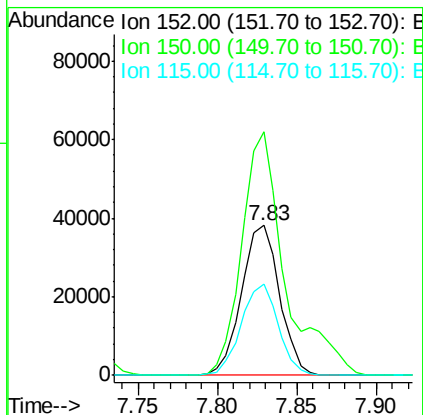
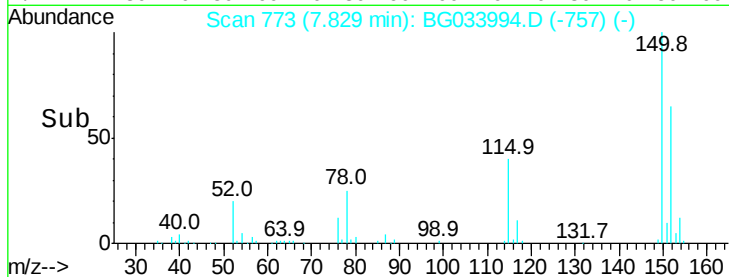
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 773
Delta R.T. -0.01 min
Lab File: BG033994.D
Acq: 25 Apr 2018 19:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 63618
Ion Ratio Lower Upper
152 100
150 162.2 126.6 189.8
115 61.2 53.0 79.4



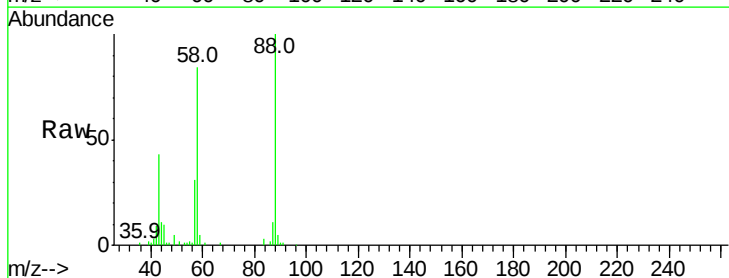
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



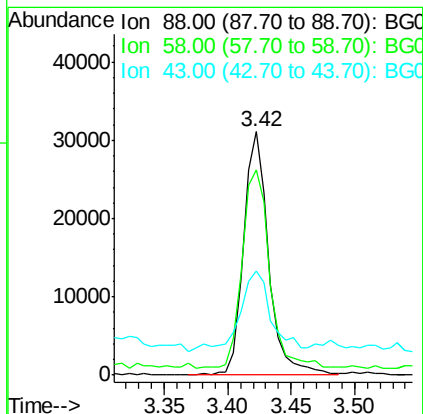
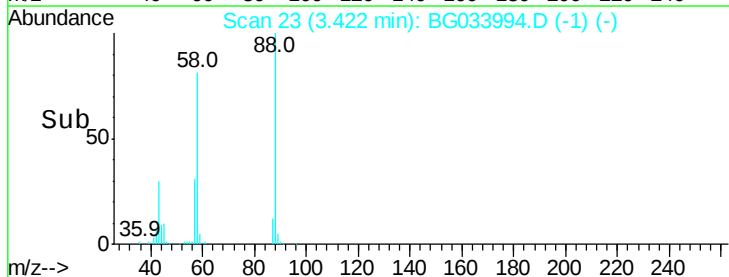
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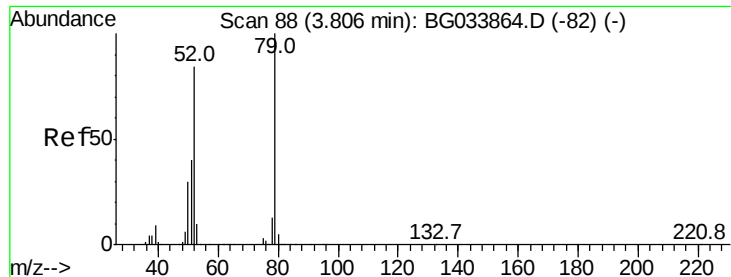
1,4-Dioxane
Concen: 25.243 ng
RT: 3.42 min Scan# 23
Delta R.T. -0.01 min
Lab File: BG033994.D
Acq: 25 Apr 2018 19:46

Tgt Ion: 88 Resp: 42504
Ion Ratio Lower Upper
88 100
58 87.0 79.6 119.4
43 42.3 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: 25.967 ng

RT: 3.79 min Scan# 86

Delta R.T. -0.01 min

Lab File: BG033994.D

Acq: 25 Apr 2018 19:46

Instrument :

BNA_G

ClientSampleId :

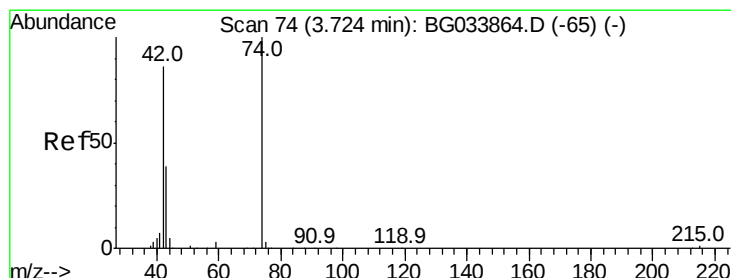
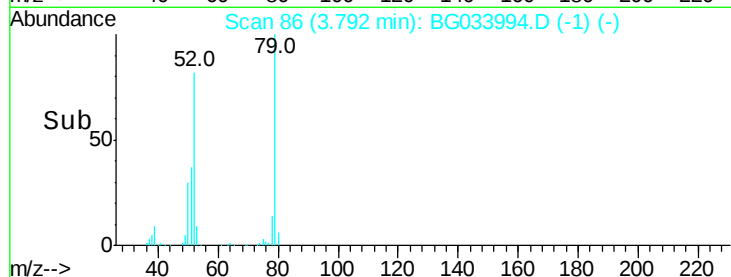
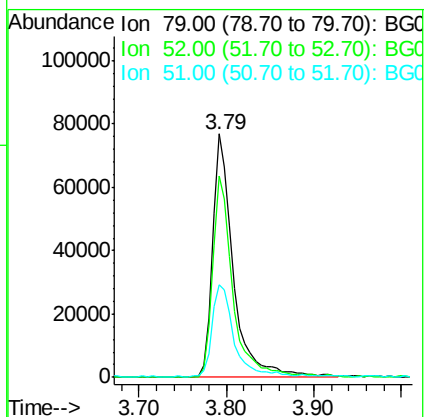
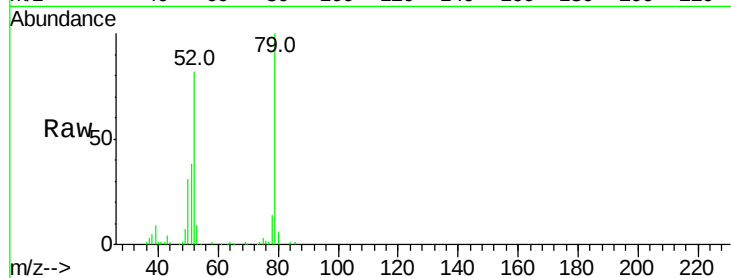
Tot Ion: 79 Resp: 126503

Ion Ratio Lower Upper

79 100

52 82.5 69.9 104.9

51 38.0 34.0 51.0



#4

n-Nitrosodimethylamine

Concen: 31.447 ng

RT: 3.72 min Scan# 73

Delta R.T. -0.01 min

Lab File: BG033994.D

Acq: 25 Apr 2018 19:46

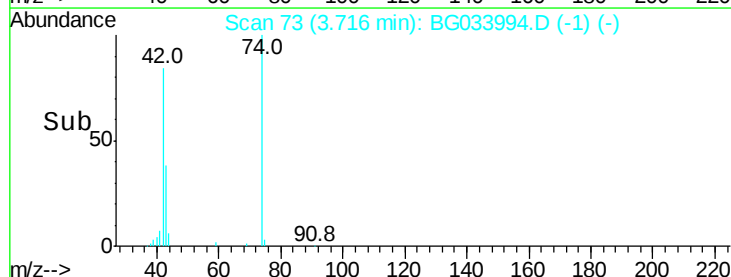
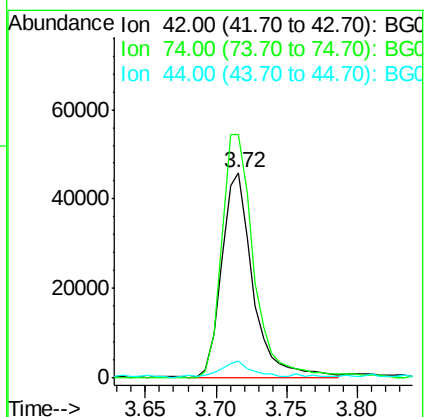
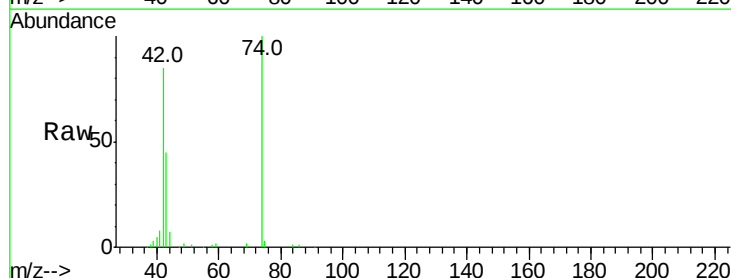
Tgt Ion: 42 Resp: 69796

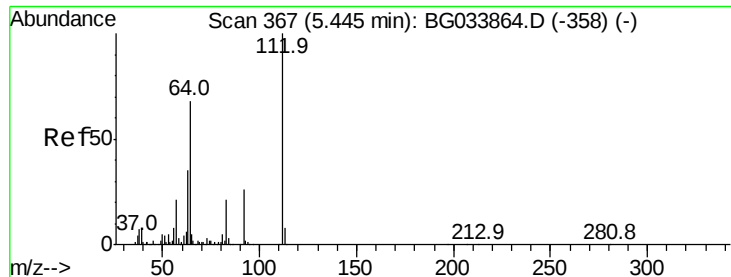
Ion Ratio Lower Upper

42 100

74 118.2 102.5 153.7

44 8.3 18.9 28.3#





#5

2-Fluorophenol

Concen: 116.748 ng

RT: 5.44 min Scan# 366

Delta R.T. -0.01 min

Lab File: BG033994.D

Acq: 25 Apr 2018 19:46

Instrument :

BNA_G

ClientSampleId :

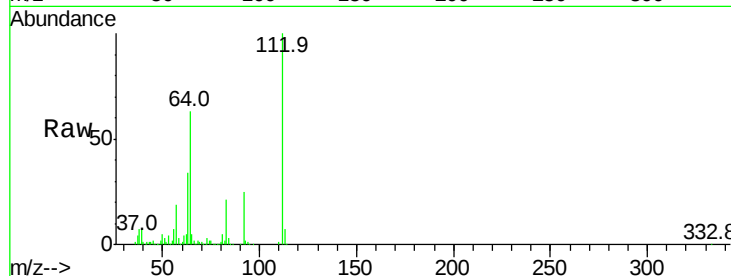
Tot Ion:112 Resp: 465211

Ion Ratio Lower Upper

112 100

64 62.9 56.3 84.5

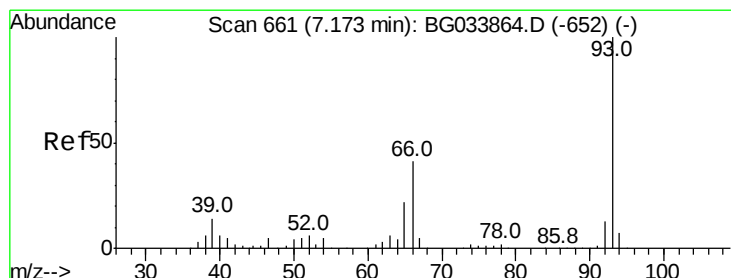
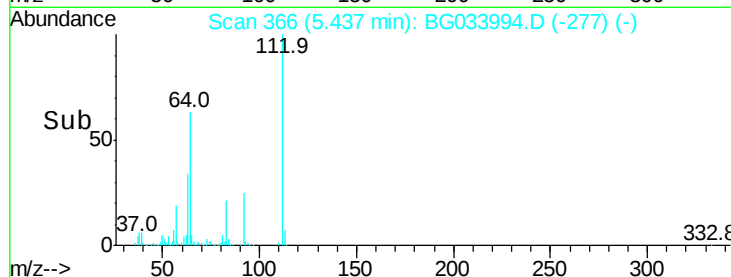
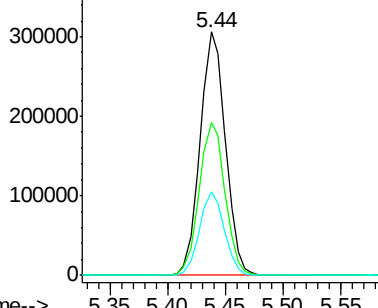
63 34.4 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 23.621 ng

RT: 7.16 min Scan# 659

Delta R.T. -0.01 min

Lab File: BG033994.D

Acq: 25 Apr 2018 19:46

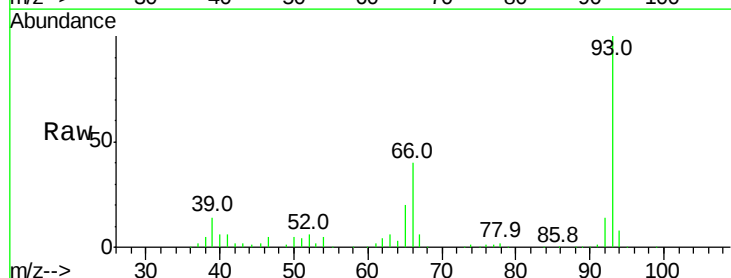
Tgt Ion: 93 Resp: 183512

Ion Ratio Lower Upper

93 100

66 39.8 33.7 50.5

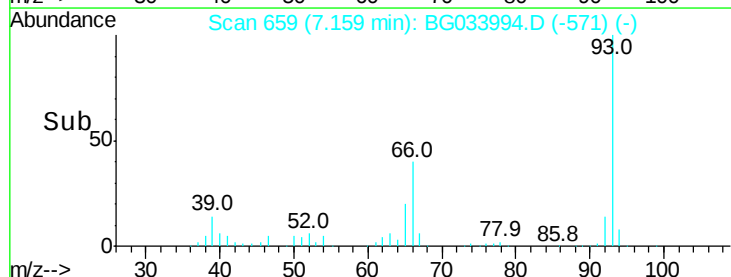
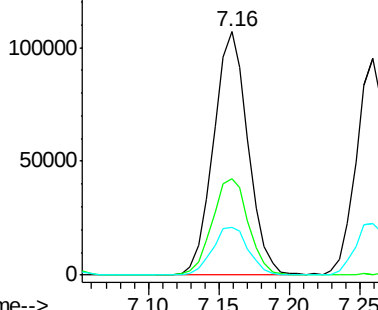
65 19.7 16.1 24.1

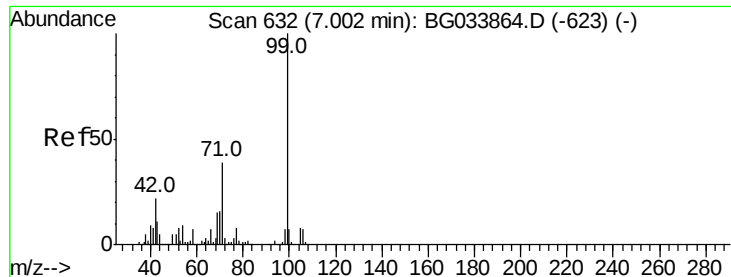


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 109.387 ng

RT: 7.00 min Scan# 632

Delta R.T. -0.00 min

Lab File: BG033994.D

Acq: 25 Apr 2018 19:46

Instrument :

BNA_G

ClientSampleId :

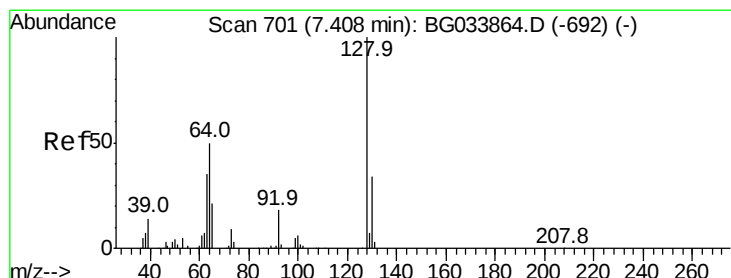
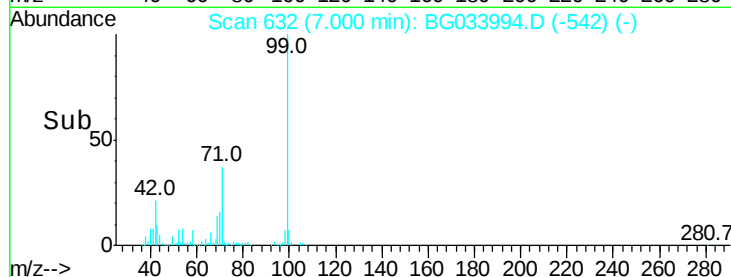
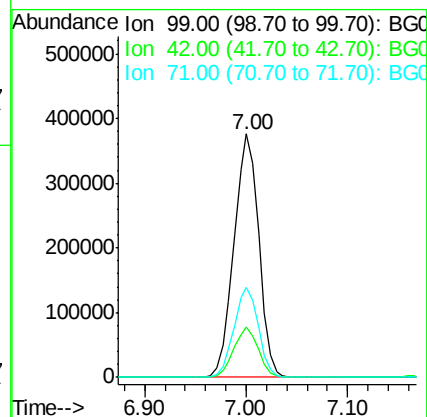
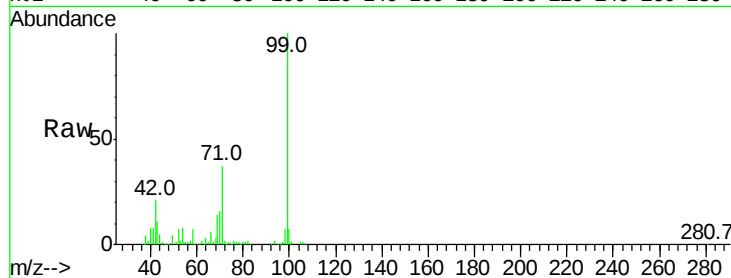
Tot Ion: 99 Resp: 635757

Ion Ratio Lower Upper

99 100

42 20.9 14.1 21.1

71 37.0 26.1 39.1



#8

2-Chlorophenol

Concen: 37.443 ng

RT: 7.39 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG033994.D

Acq: 25 Apr 2018 19:46

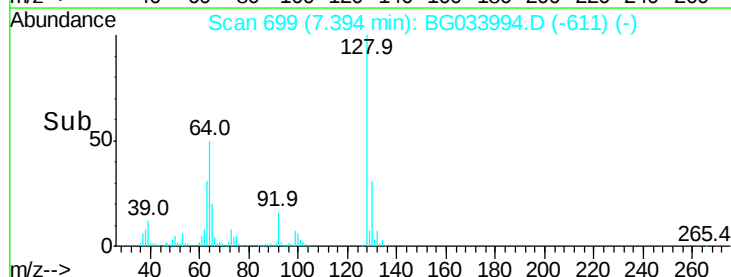
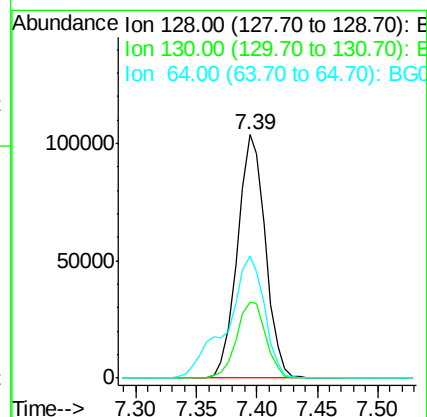
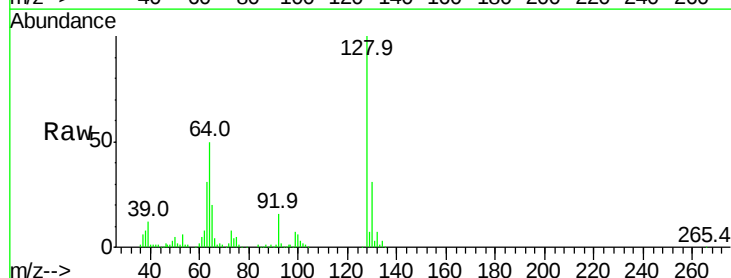
Tgt Ion: 128 Resp: 167179

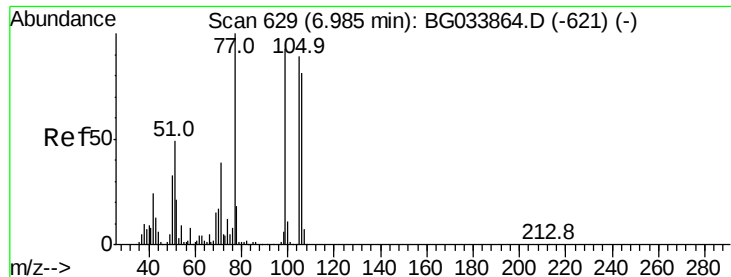
Ion Ratio Lower Upper

128 100

130 31.1 14.0 54.0

64 49.9 37.7 77.7





#9

Benzaldehyde

Concen: 20.046 ng

RT: 6.97 min Scan# 627

Delta R.T. -0.01 min

Lab File: BG033994.D

Acq: 25 Apr 2018 19:46

Instrument :

BNA_G

ClientSampled :

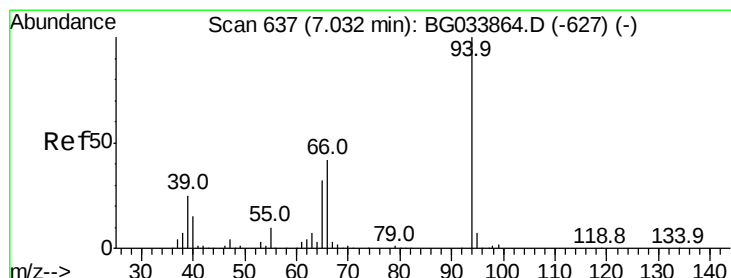
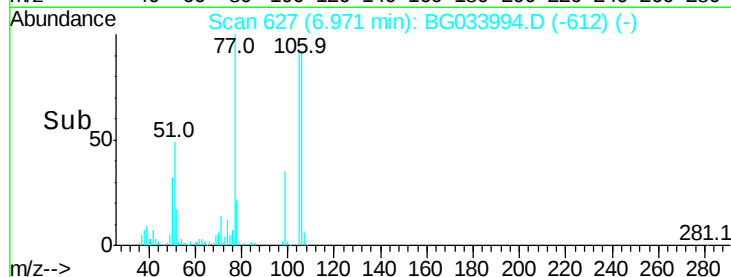
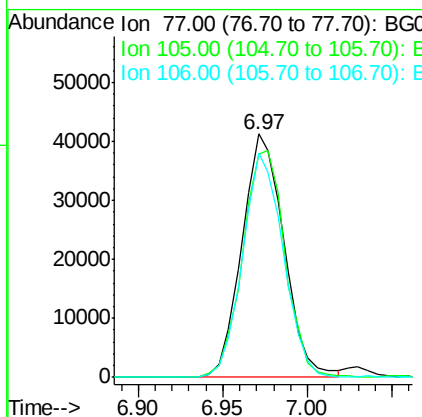
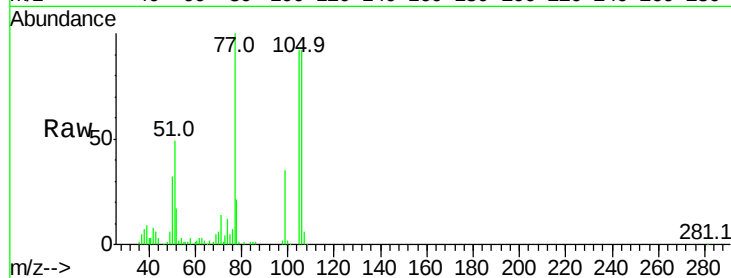
Tot Ion: 77 Resp: 71412

Ion Ratio Lower Upper

77 100

105 91.9 71.3 111.3

106 92.1 64.2 104.2



#10

Phenol

Concen: 36.637 ng

RT: 7.02 min Scan# 636

Delta R.T. -0.01 min

Lab File: BG033994.D

Acq: 25 Apr 2018 19:46

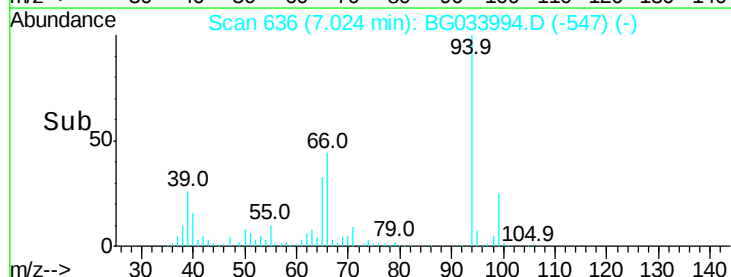
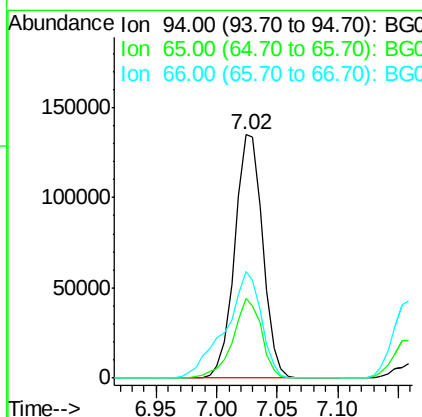
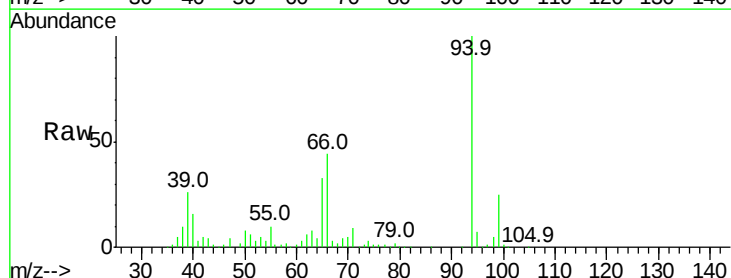
Tgt Ion: 94 Resp: 218138

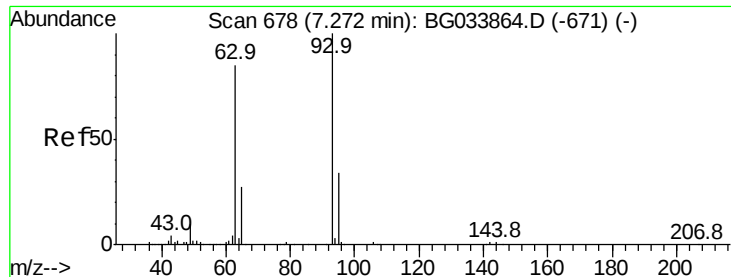
Ion Ratio Lower Upper

94 100

65 32.8 11.9 51.9

66 43.9 22.2 62.2

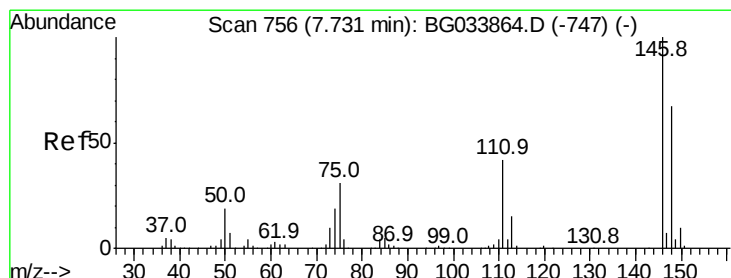
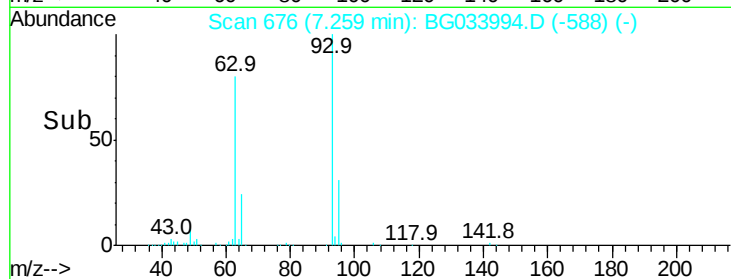
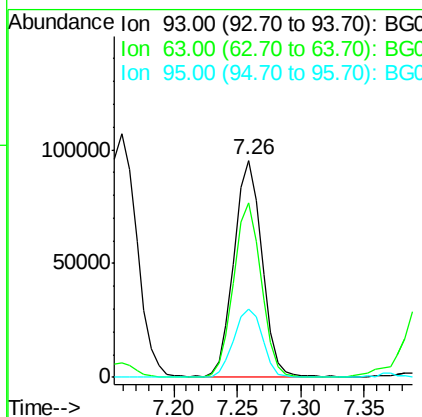
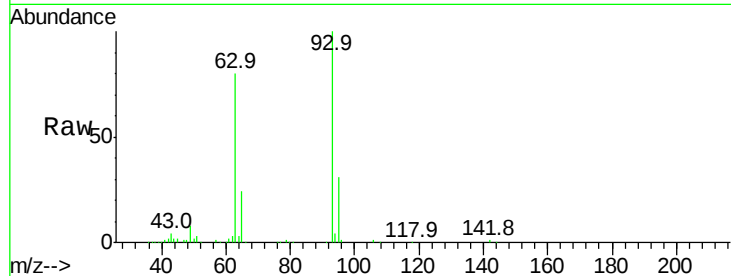




#11
 bis(2-Chloroethyl)ether
 Concen: 32.033 ng
 RT: 7.26 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: BG033994.D
 Acq: 25 Apr 2018 19:46

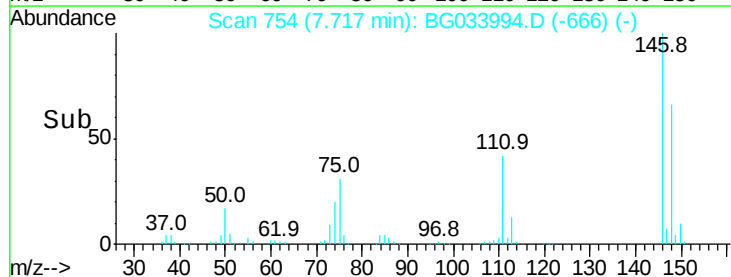
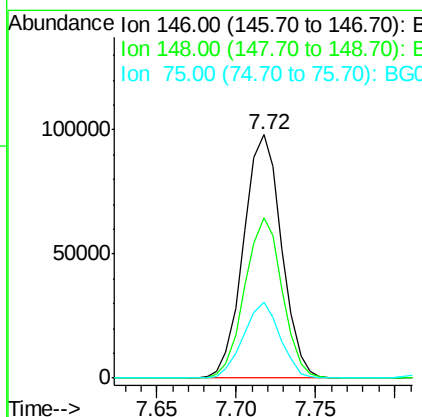
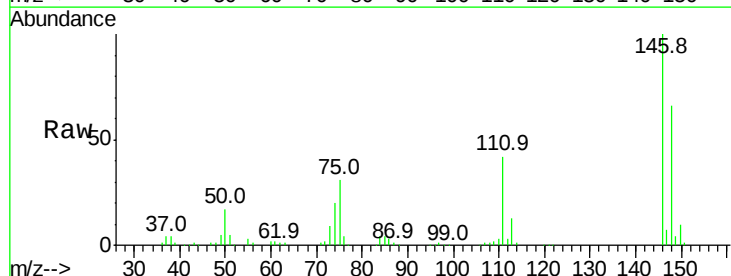
Instrument :
 BNA_G
 ClientSampleId :

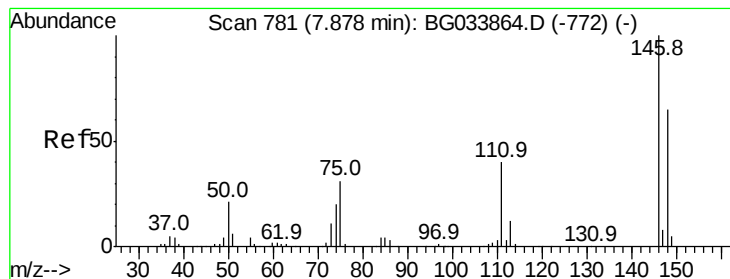
Tot Ion: 93 Resp: 145872
 Ion Ratio Lower Upper
 93 100
 63 80.3 67.1 107.1
 95 31.3 11.5 51.5



#12
 1,3-Dichlorobenzene
 Concen: 31.762 ng
 RT: 7.72 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BG033994.D
 Acq: 25 Apr 2018 19:46

Tgt Ion: 146 Resp: 163253
 Ion Ratio Lower Upper
 146 100
 148 65.8 51.4 77.2
 75 30.9 26.6 39.8





#13

1,4-Dichlorobenzene

Concen: 32.094 ng

RT: 7.86 min Scan# 779

Delta R.T. -0.01 min

Lab File: BG033994.D

Acq: 25 Apr 2018 19:46

Instrument :

BNA_G

ClientSampled :

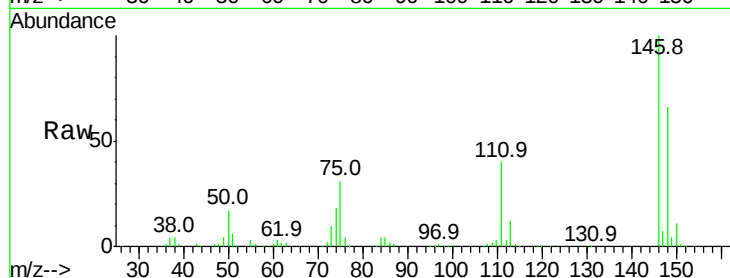
Tot Ion:146 Resp: 167078

Ion Ratio Lower Upper

146 100

148 65.6 53.7 80.5

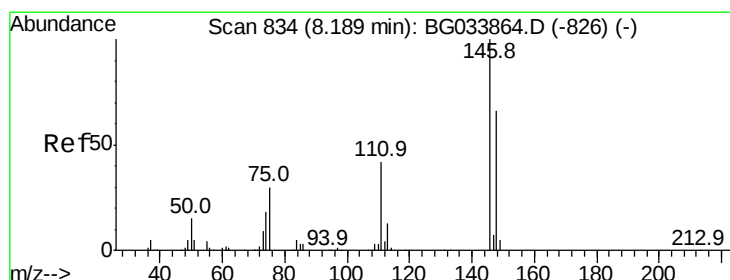
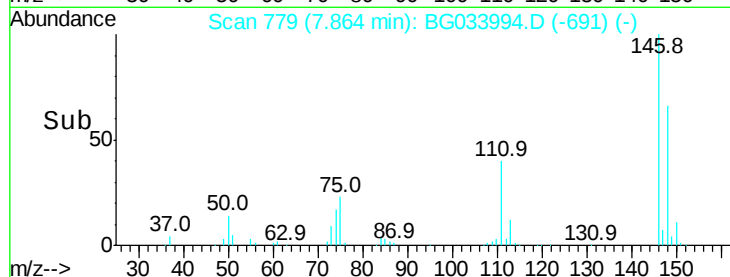
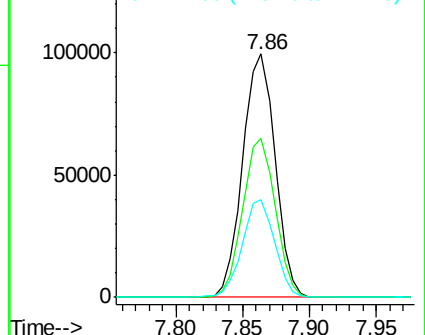
111 40.4 35.2 52.8



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: 31.297 ng

RT: 8.18 min Scan# 832

Delta R.T. -0.01 min

Lab File: BG033994.D

Acq: 25 Apr 2018 19:46

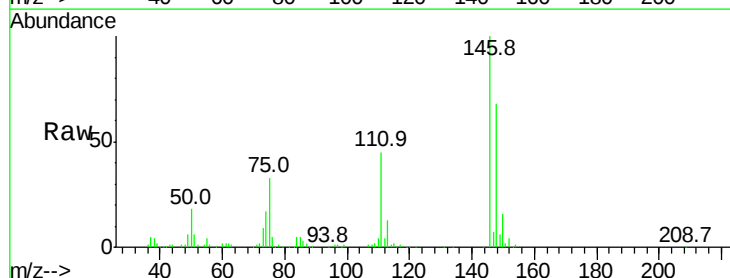
Tgt Ion:146 Resp: 158447

Ion Ratio Lower Upper

146 100

148 68.3 49.3 73.9

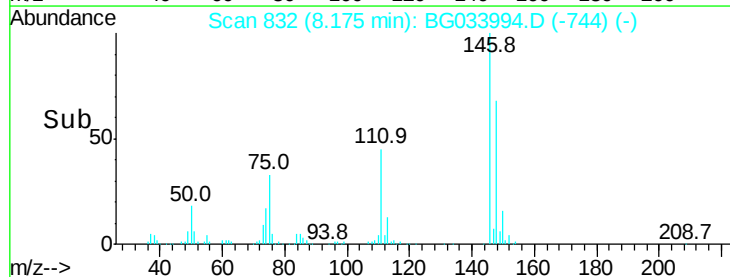
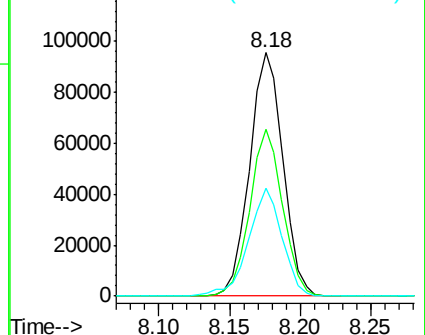
111 44.6 34.3 51.5

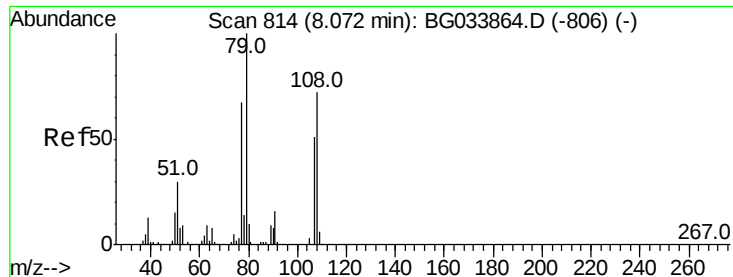


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 32.701 ng

RT: 8.06 min Scan# 813

Delta R.T. -0.01 min

Lab File: BG033994.D

Acq: 25 Apr 2018 19:46

Instrument :

BNA_G

ClientSampled :

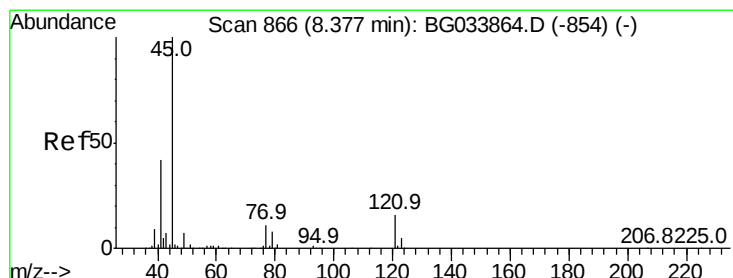
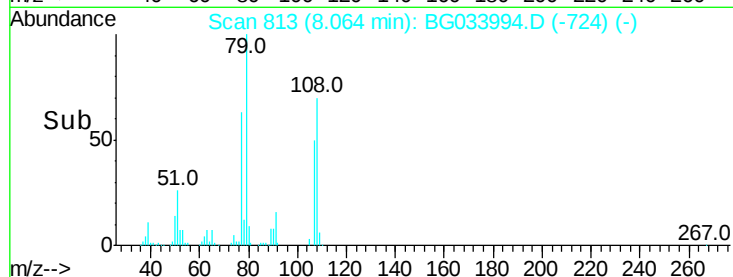
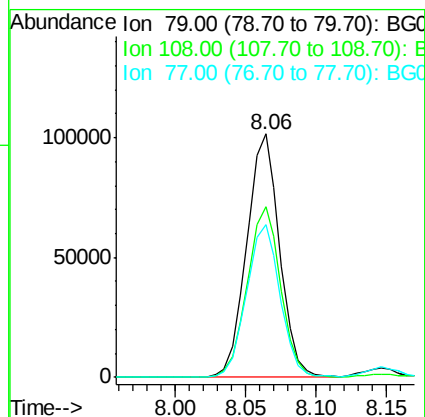
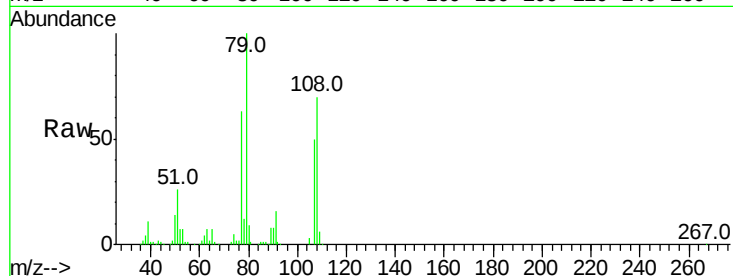
Tot Ion: 79 Resp: 165728

Ion Ratio Lower Upper

79 100

108 70.0 57.2 85.8

77 62.9 46.1 69.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 28.011 ng

RT: 8.35 min Scan# 862

Delta R.T. -0.03 min

Lab File: BG033994.D

Acq: 25 Apr 2018 19:46

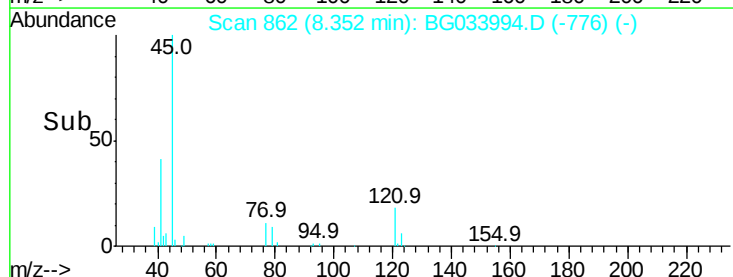
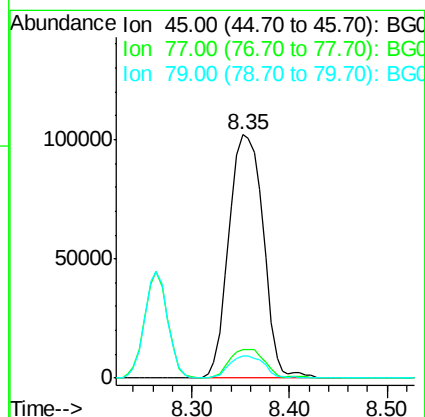
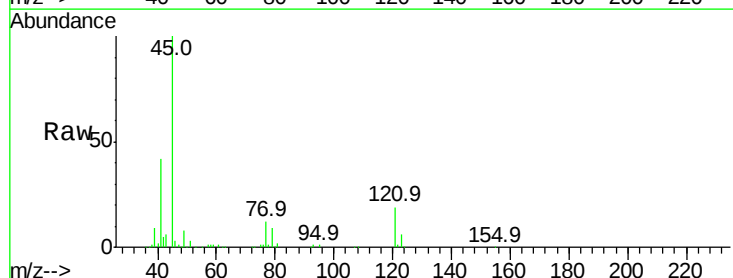
Tgt Ion: 45 Resp: 248785

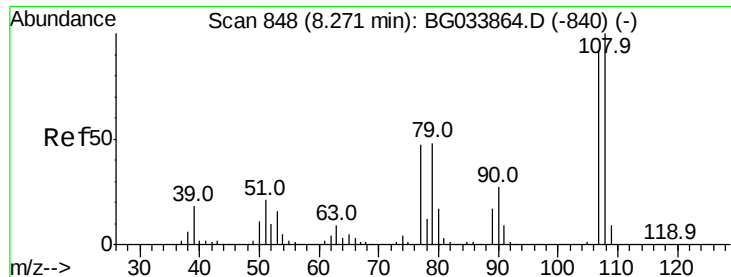
Ion Ratio Lower Upper

45 100

77 11.6 0.0 30.2

79 9.1 0.0 27.9





#17

2-Methylphenol

Concen: 34.599 ng

RT: 8.26 min Scan# 847

Delta R.T. -0.01 min

Lab File: BG033994.D

Acq: 25 Apr 2018 19:46

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 152656

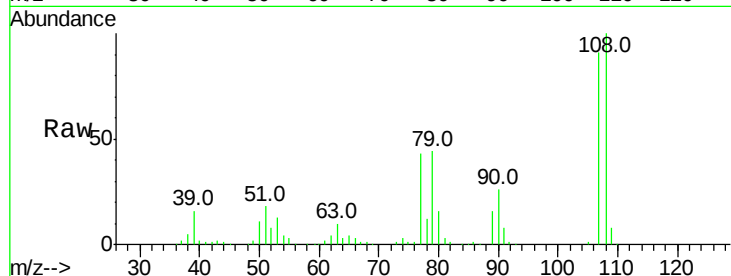
Ion Ratio Lower Upper

107 100

108 109.5 83.9 125.9

77 47.4 37.2 55.8

79 47.7 36.2 54.2

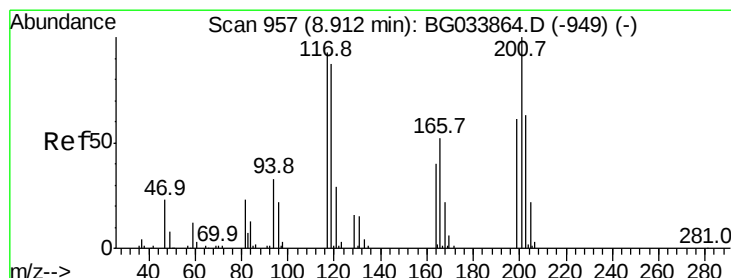
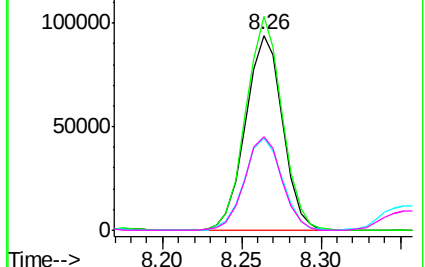
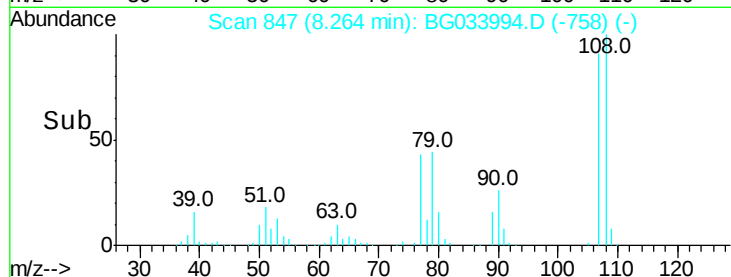


Abundance Ion 107.00 (106.70 to 107.70): E

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: 30.124 ng

RT: 8.90 min Scan# 955

Delta R.T. -0.01 min

Lab File: BG033994.D

Acq: 25 Apr 2018 19:46

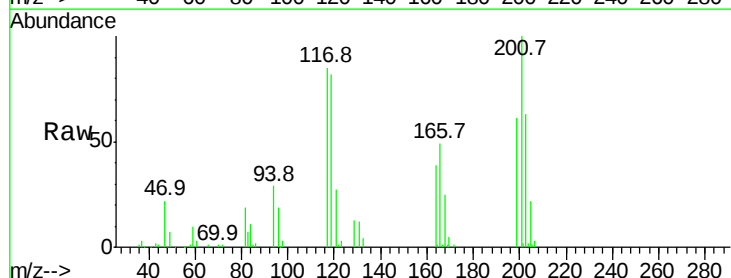
Tgt Ion:117 Resp: 57305

Ion Ratio Lower Upper

117 100

119 96.7 76.7 115.1

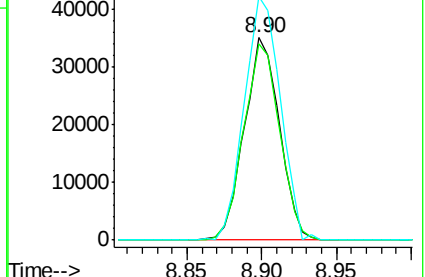
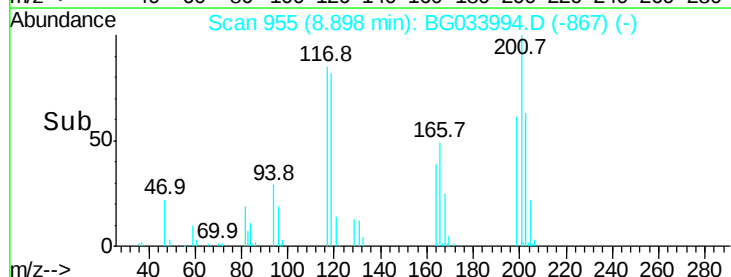
201 120.3 95.7 143.5

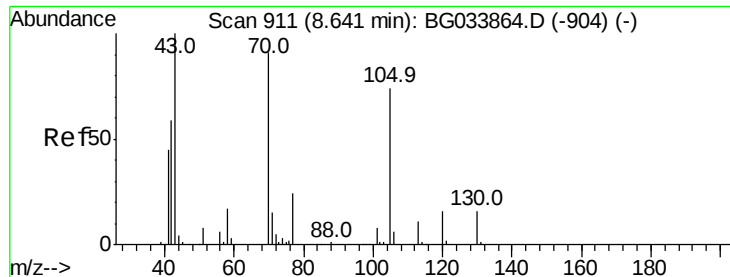


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

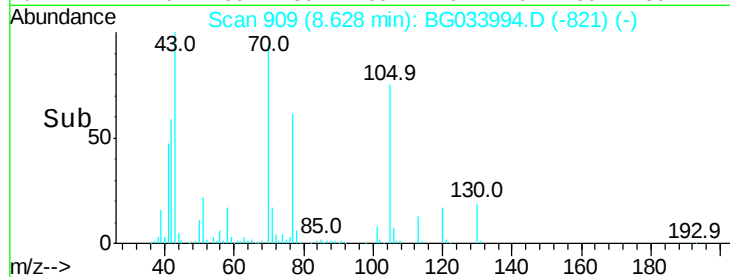
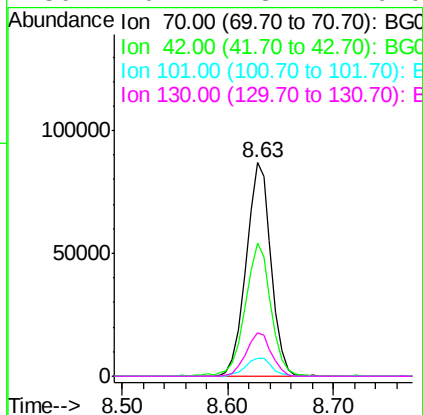
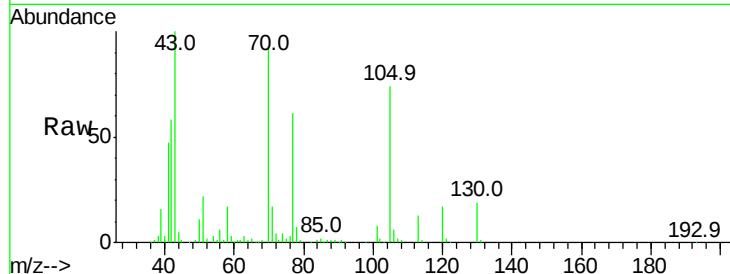




#19
n-Nitroso-di-n-propylamine
Concen: 28.542 ng
RT: 8.63 min Scan# 909
Delta R.T. -0.01 min
Lab File: BG033994.D
Acq: 25 Apr 2018 19:46

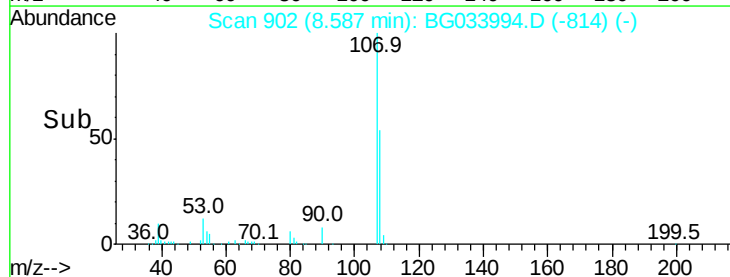
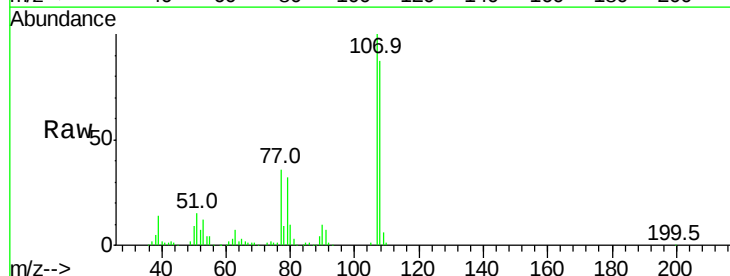
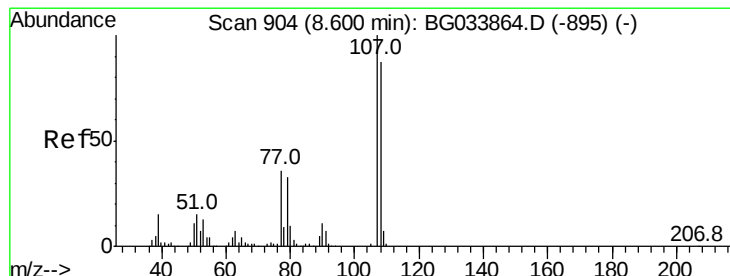
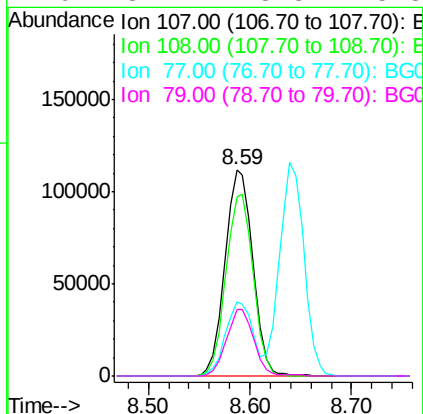
Instrument :
BNA_G
ClientSampleId :

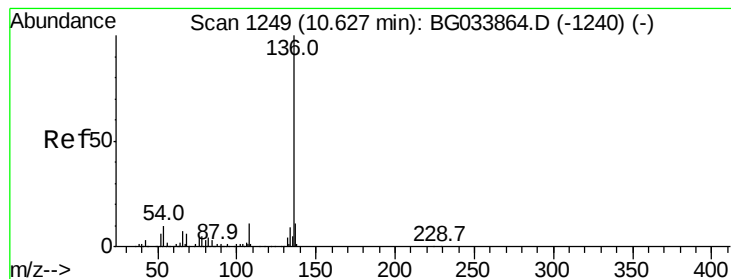
Tot Ion: 70 Resp: 141404
Ion Ratio Lower Upper
70 100
42 62.4 49.1 73.7
101 8.6 8.5 12.7
130 20.2 13.4 20.0#



#20
3+4-Methylphenols
Concen: 33.081 ng
RT: 8.59 min Scan# 902
Delta R.T. -0.01 min
Lab File: BG033994.D
Acq: 25 Apr 2018 19:46

Tgt Ion:107 Resp: 212086
Ion Ratio Lower Upper
107 100
108 86.8 61.6 101.6
77 35.9 13.9 53.9
79 32.2 8.8 48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.61 min Scan# 1247

Delta R.T. -0.01 min

Lab File: BG033994.D

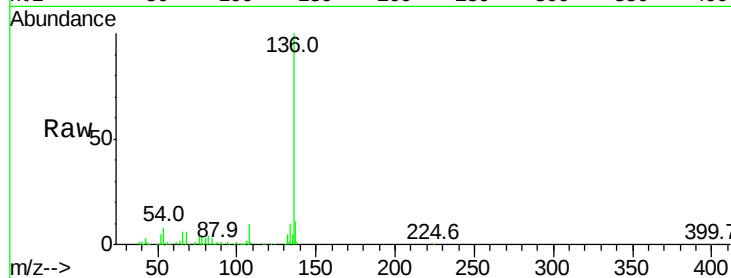
Acq: 25 Apr 2018 19:46

Instrument :

BNA_G

ClientSampled :

Tot Ion:136	Resp:	299233
Ion Ratio	Lower	Upper
136	100	
137	11.3	9.2 13.8
54	8.3	10.3 15.5#
68	6.0	4.5 6.7

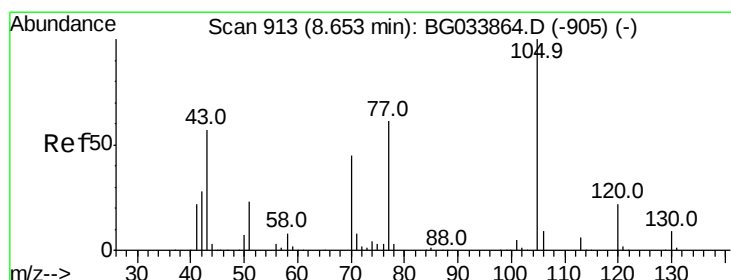
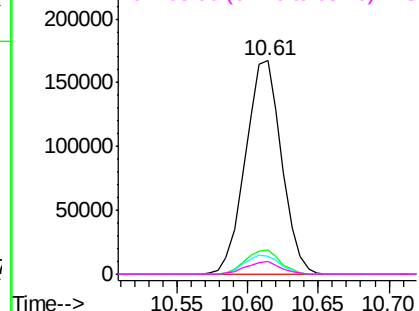
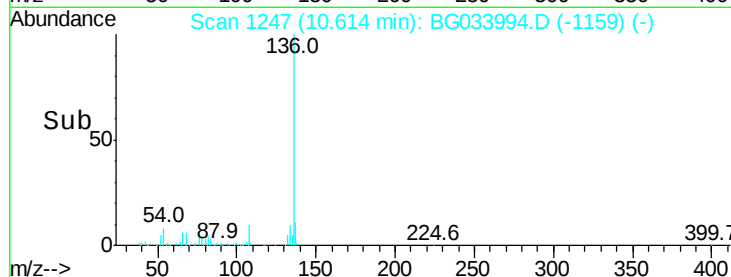


Abundance Ion 136.00 (135.70 to 136.70): E

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: 30.658 ng

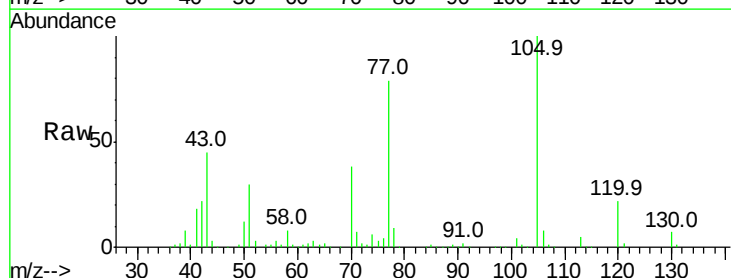
RT: 8.64 min Scan# 911

Delta R.T. -0.01 min

Lab File: BG033994.D

Acq: 25 Apr 2018 19:46

Tgt Ion:105	Resp:	249688
Ion Ratio	Lower	Upper
105	100	
71	6.6	3.0 4.4#
51	29.8	26.1 39.1
120	22.3	17.4 26.2

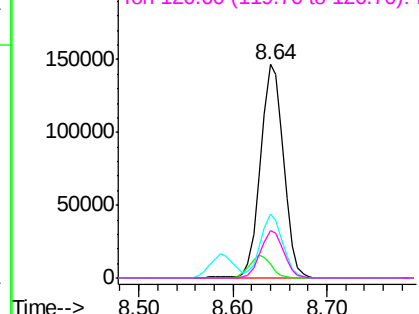
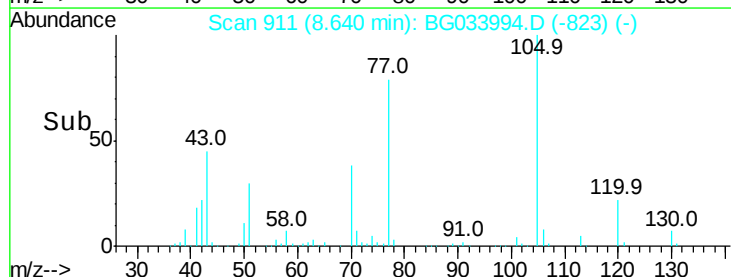


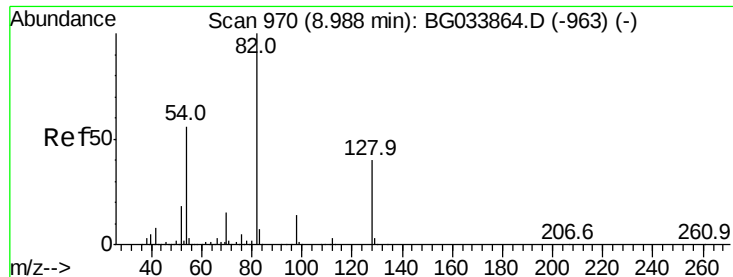
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 72.025 ng

RT: 8.98 min Scan# 969

Delta R.T. -0.01 min

Lab File: BG033994.D

Acq: 25 Apr 2018 19:46

Instrument :

BNA_G

ClientSampleId :

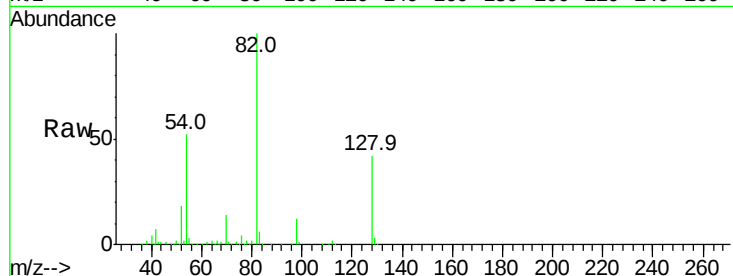
Tot Ion: 82 Resp: 378709

Ion Ratio Lower Upper

82 100

128 41.9 29.7 44.5

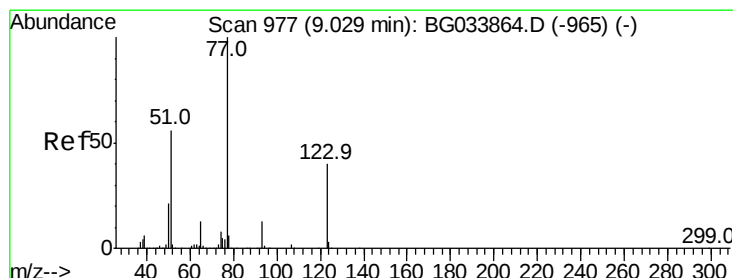
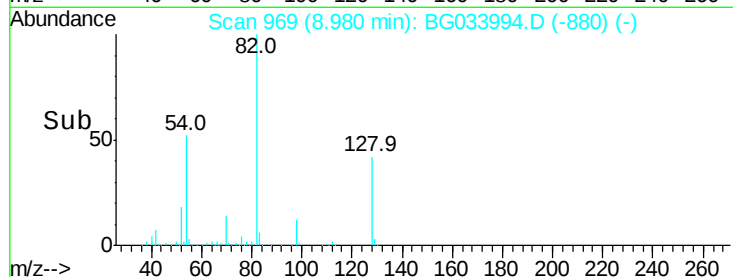
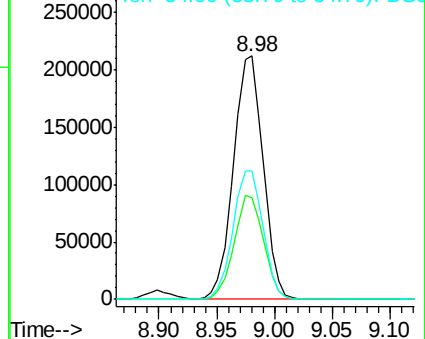
54 52.5 43.1 64.7



Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#24

Nitrobenzene

Concen: 33.529 ng

RT: 9.02 min Scan# 976

Delta R.T. -0.01 min

Lab File: BG033994.D

Acq: 25 Apr 2018 19:46

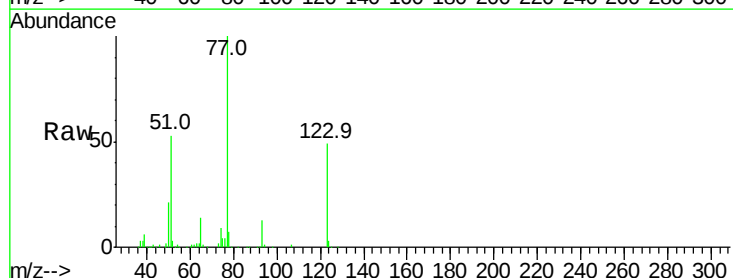
Tgt Ion: 77 Resp: 192110

Ion Ratio Lower Upper

77 100

123 48.7 33.0 49.6

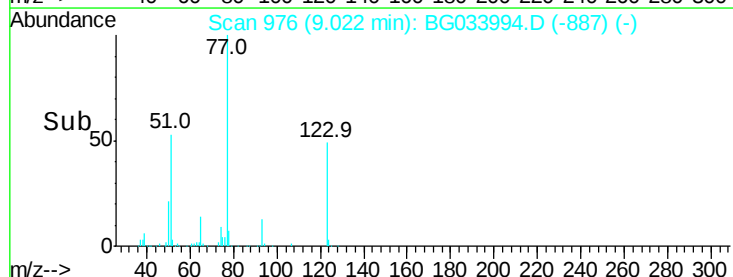
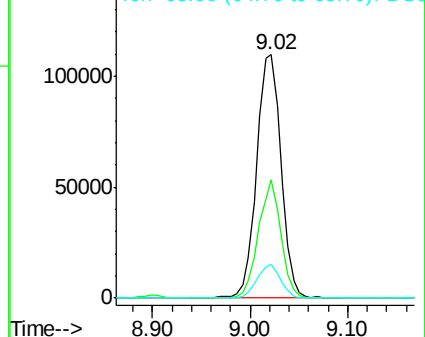
65 13.8 13.0 19.6

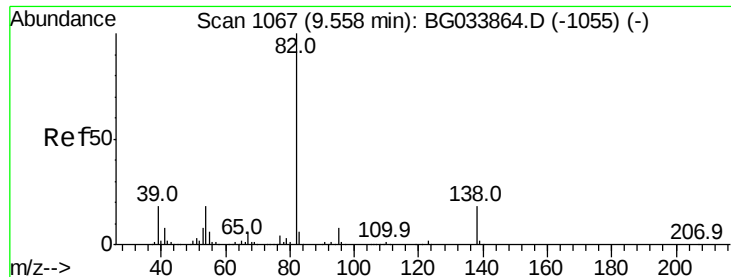


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 31.710 ng

RT: 9.54 min Scan# 1064

Delta R.T. -0.02 min

Lab File: BG033994.D

Acq: 25 Apr 2018 19:46

Instrument :

BNA_G

ClientSampled :

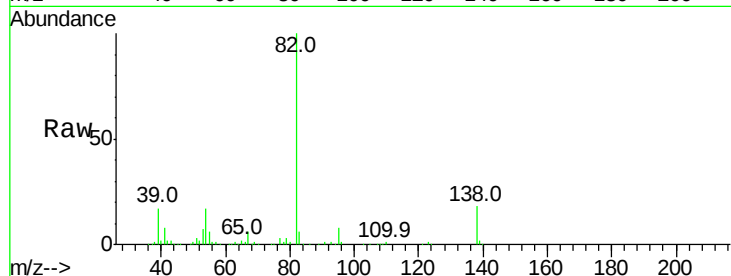
Tot Ion: 82 Resp: 374857

Ion Ratio Lower Upper

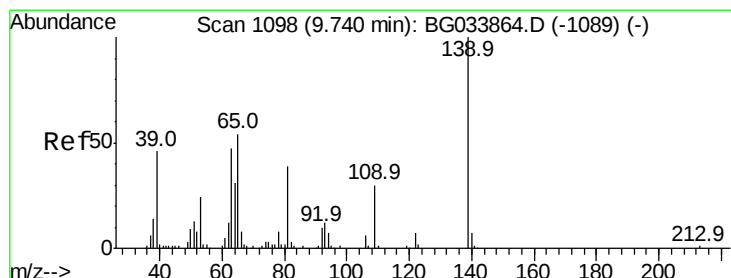
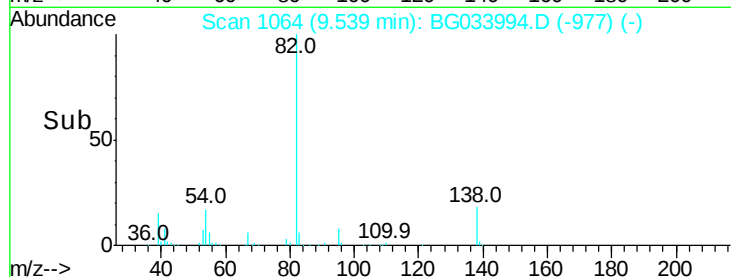
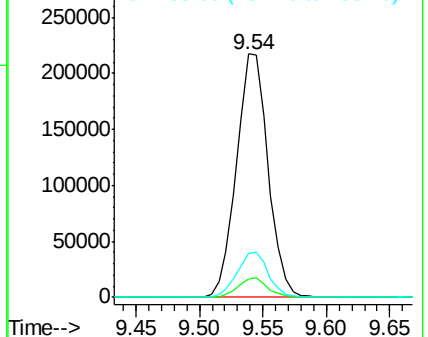
82 100

95 7.6 6.2 9.2

138 18.0 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: 42.229 ng

RT: 9.73 min Scan# 1096

Delta R.T. -0.01 min

Lab File: BG033994.D

Acq: 25 Apr 2018 19:46

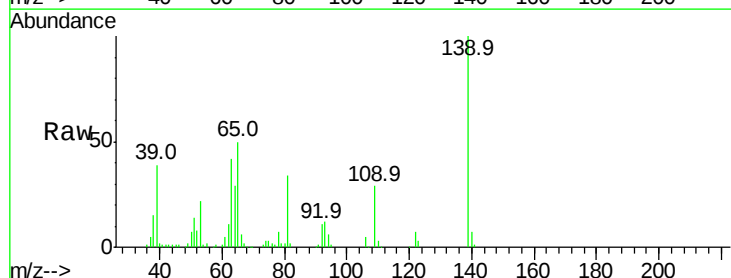
Tgt Ion: 139 Resp: 95603

Ion Ratio Lower Upper

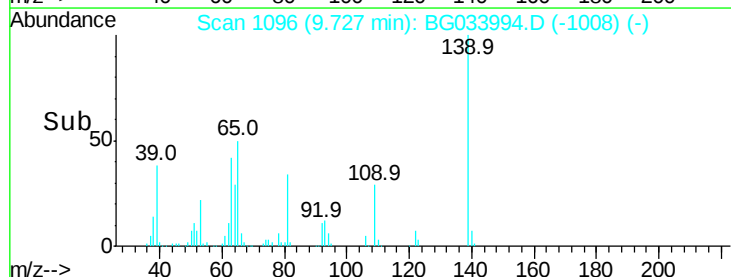
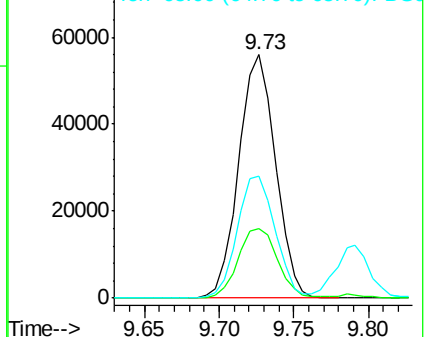
139 100

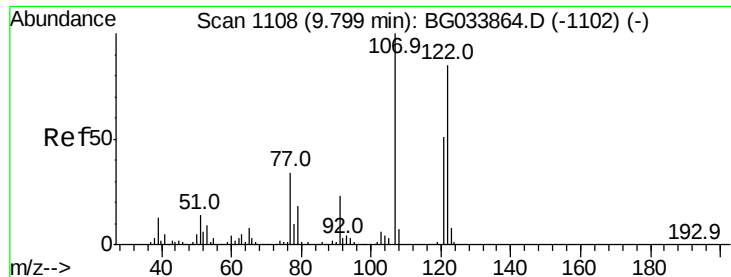
109 28.7 24.2 36.2

65 50.0 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

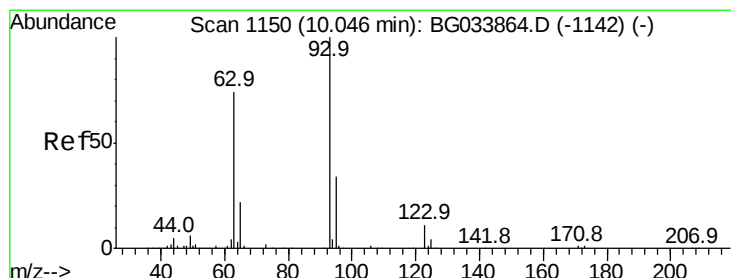
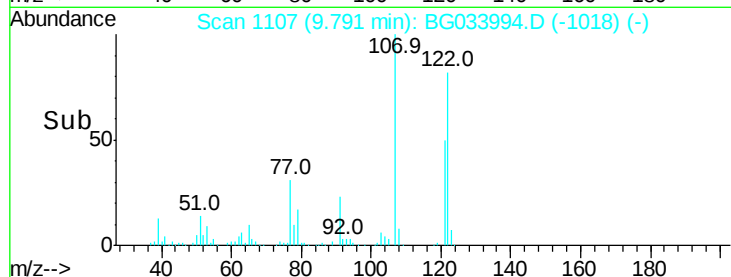
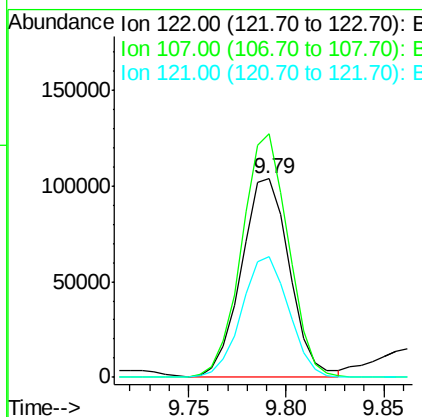
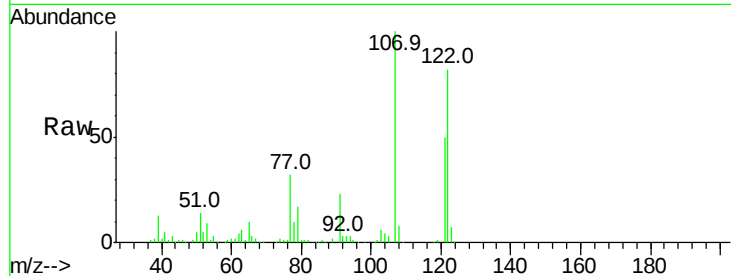




#27
 2,4-Dimethylphenol
 Concen: 41.722 ng
 RT: 9.79 min Scan# 1107
 Delta R.T. -0.01 min
 Lab File: BG033994.D
 Acq: 25 Apr 2018 19:46

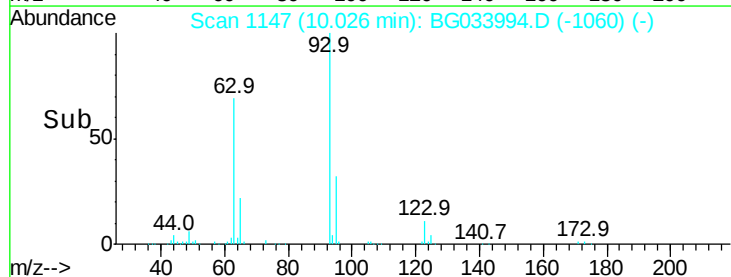
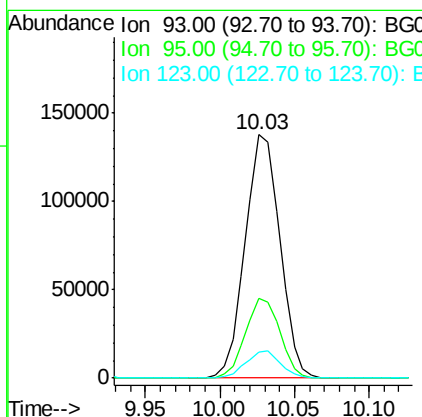
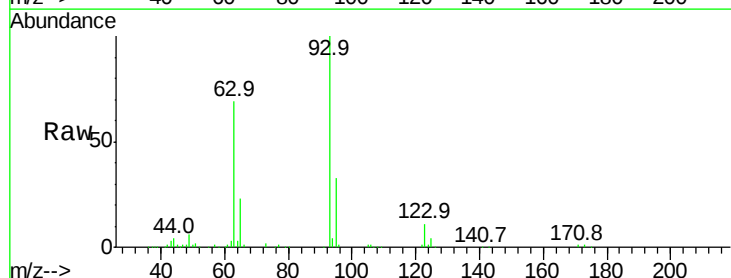
Instrument :
 BNA_G
 ClientSampleId :

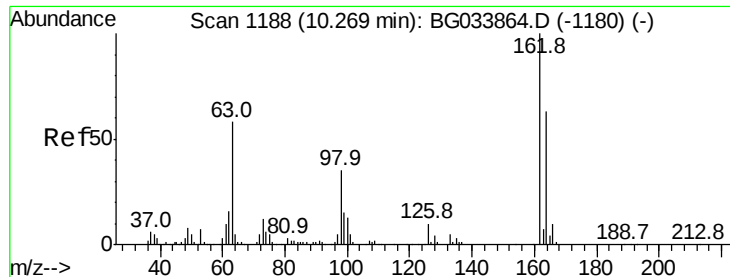
Tot Ion:122 Resp: 176675
 Ion Ratio Lower Upper
 122 100
 107 122.5 100.2 150.2
 121 60.9 44.4 66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.607 ng
 RT: 10.03 min Scan# 1147
 Delta R.T. -0.02 min
 Lab File: BG033994.D
 Acq: 25 Apr 2018 19:46

Tgt Ion: 93 Resp: 222464
 Ion Ratio Lower Upper
 93 100
 95 32.9 24.3 36.5
 123 10.9 8.4 12.6

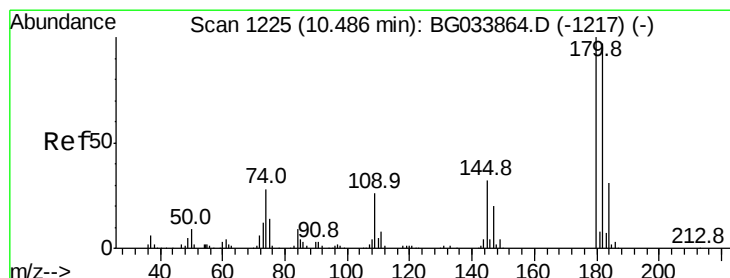
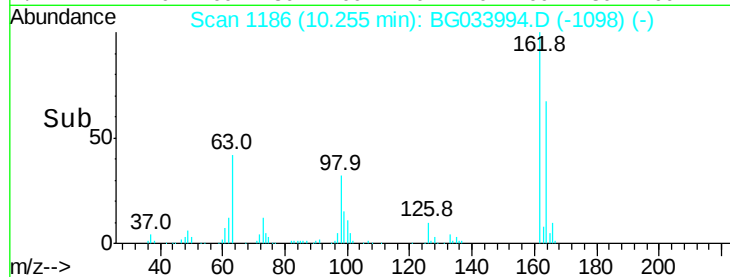
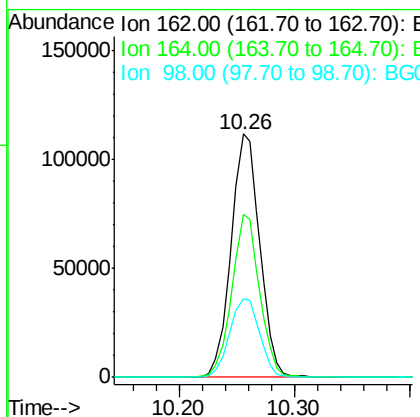
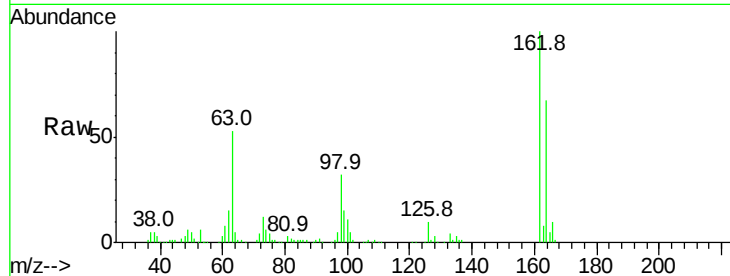




#29
 2,4-Dichlorophenol
 Concen: 40.610 ng
 RT: 10.26 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BG033994.D
 Acq: 25 Apr 2018 19:46

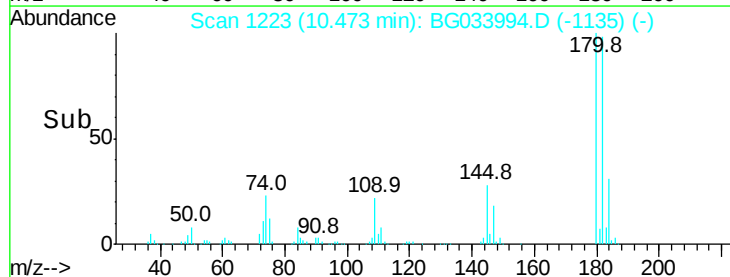
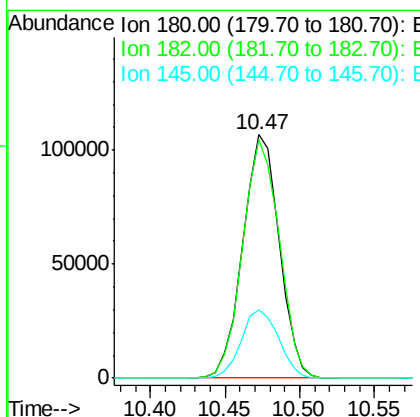
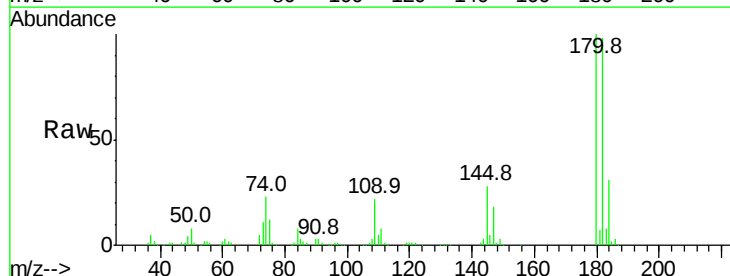
Instrument :
 BNA_G
 ClientSampled :

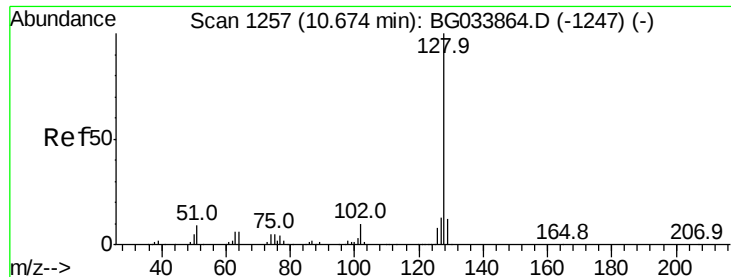
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.9	48.0	88.0
98	32.5	21.1	61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 34.044 ng
 RT: 10.47 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BG033994.D
 Acq: 25 Apr 2018 19:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.9	77.5	116.3
145	28.3	23.4	35.2

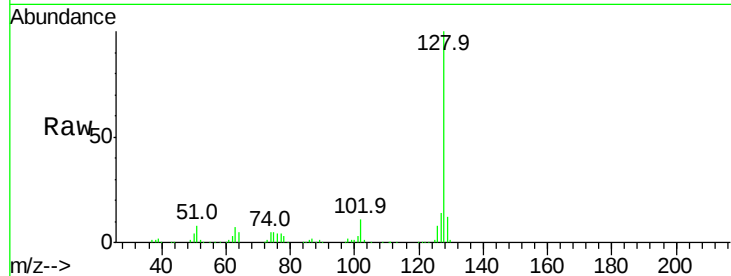




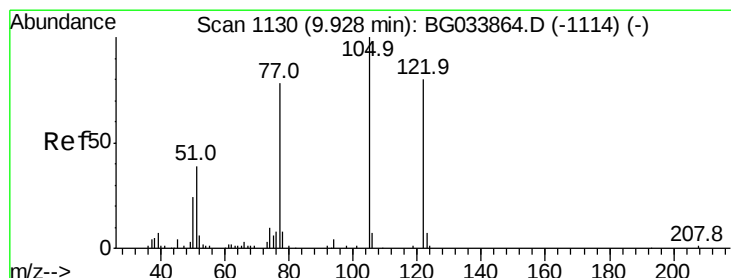
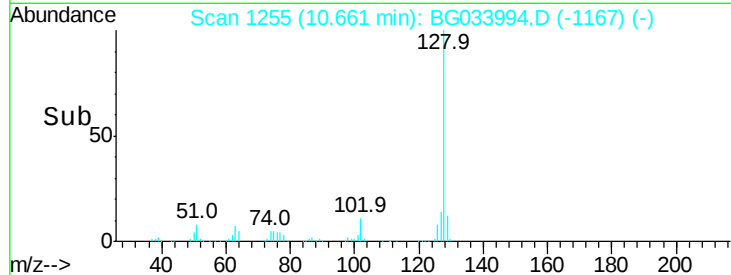
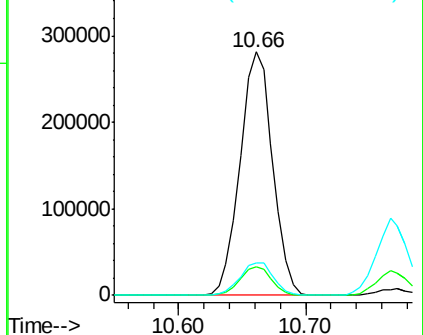
#31
Naphthalene
Concen: 32.557 ng
RT: 10.66 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BG033994.D
Acq: 25 Apr 2018 19:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.6	12.8
127	13.5	11.6	17.4

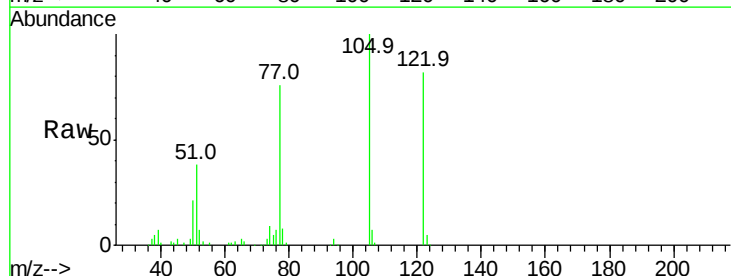


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

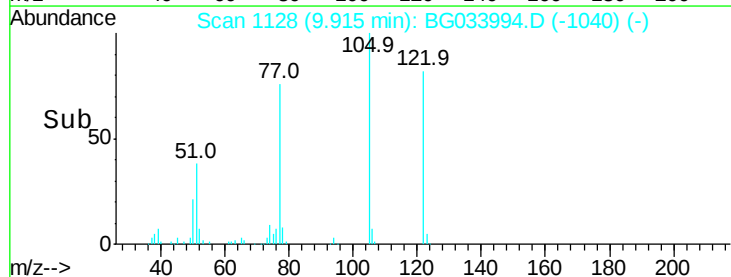
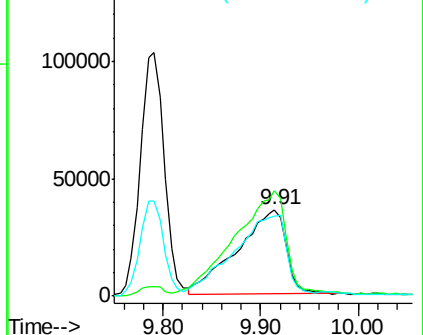


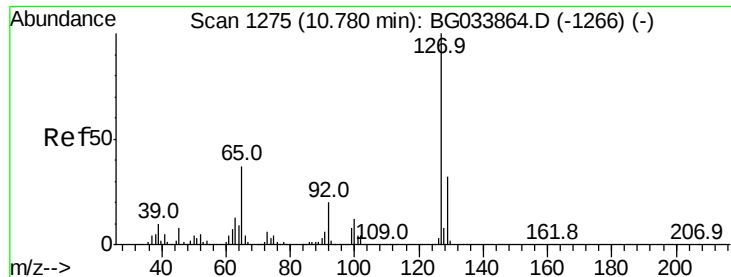
#32
Benzoic acid
Concen: 32.090 ng
RT: 9.91 min Scan# 1128
Delta R.T. -0.01 min
Lab File: BG033994.D
Acq: 25 Apr 2018 19:46

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.3	123.5	163.5#
77	92.3	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

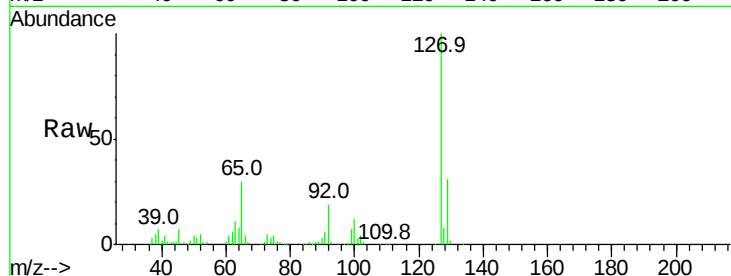




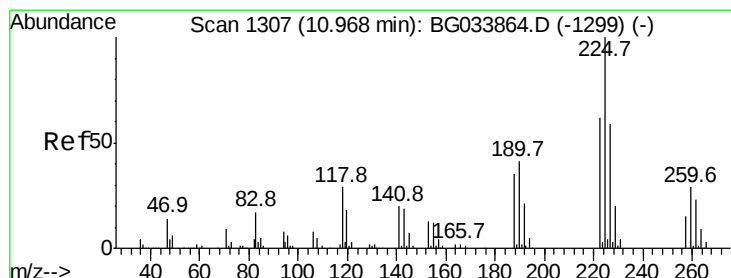
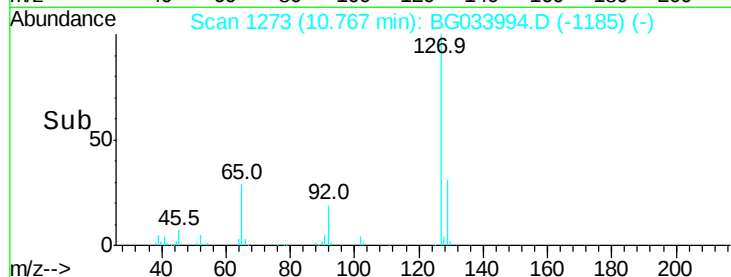
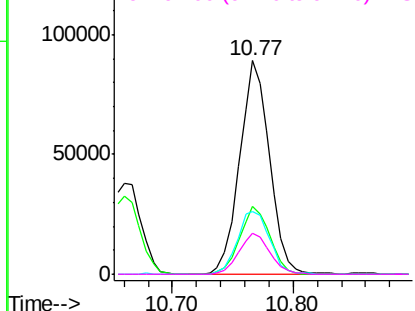
#33
4-Chloroaniline
Concen: 21.257 ng
RT: 10.77 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BG033994.D
Acq: 25 Apr 2018 19:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	153749
Ion	Ratio	Lower	Upper
127	100		
129	31.5	24.0	36.0
65	29.7	27.0	40.4
92	19.1	16.6	25.0

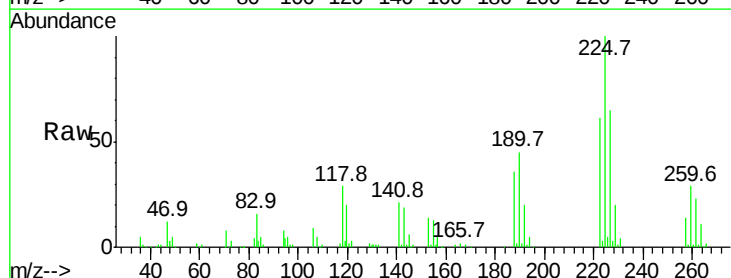


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

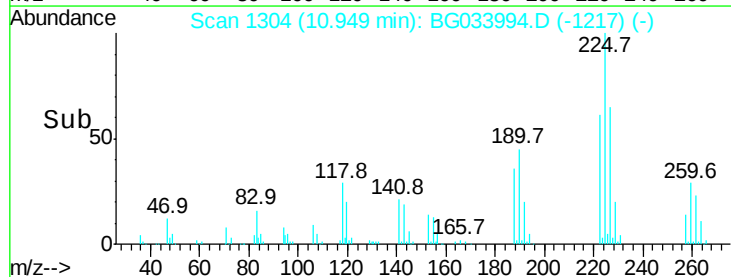
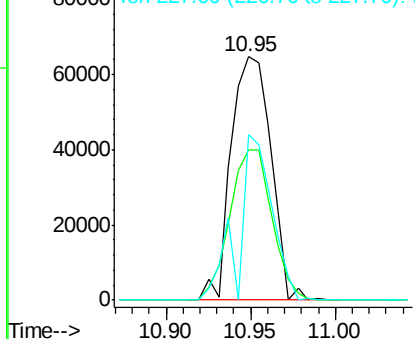


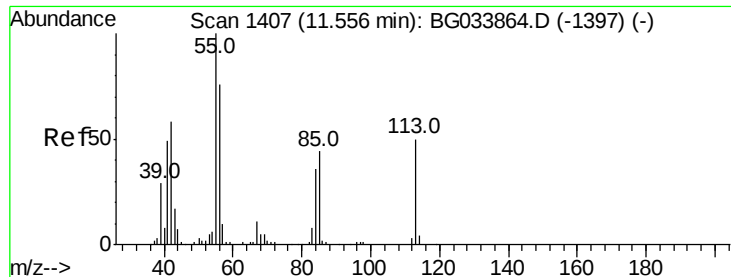
#34
Hexachlorobutadiene
Concen: 33.523 ng
RT: 10.95 min Scan# 1304
Delta R.T. -0.02 min
Lab File: BG033994.D
Acq: 25 Apr 2018 19:46

Tgt Ion:	225	Resp:	106030
Ion	Ratio	Lower	Upper
225	100		
223	61.8	49.7	74.5
227	64.7	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: 20.012 ng

RT: 11.54 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BG033994.D

Acq: 25 Apr 2018 19:46

Instrument :

BNA_G

ClientSampleId :

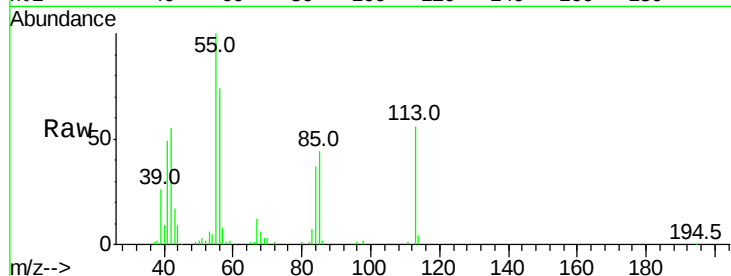
Tot Ion:113 Resp: 40164

Ion Ratio Lower Upper

113 100

55 178.6 186.9 226.9#

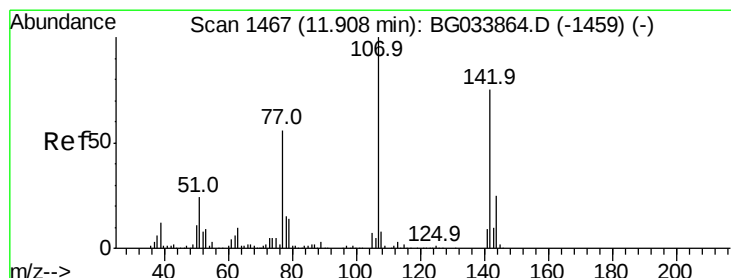
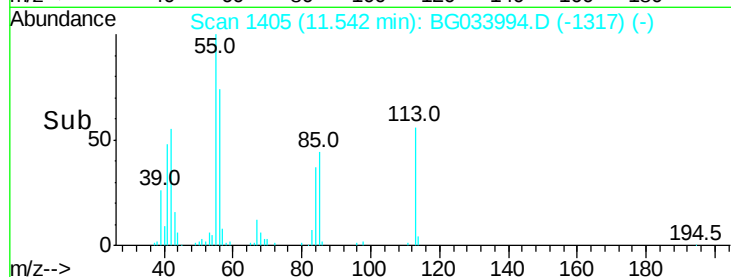
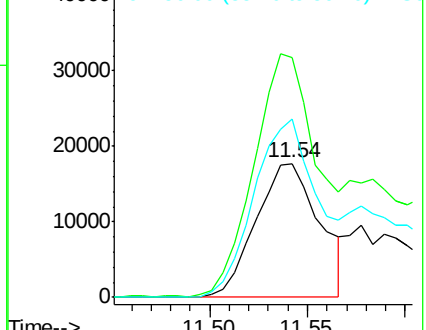
56 132.8 130.9 170.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 35.569 ng

RT: 11.89 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BG033994.D

Acq: 25 Apr 2018 19:46

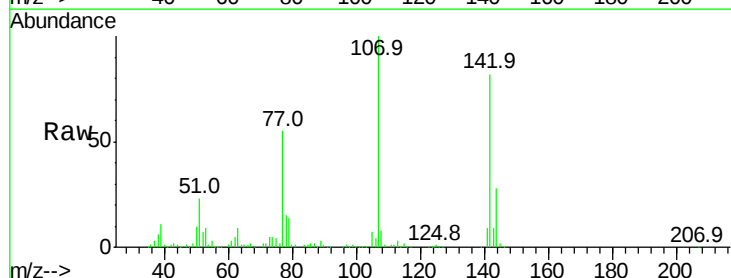
Tgt Ion:107 Resp: 204933

Ion Ratio Lower Upper

107 100

144 28.1 18.2 27.4#

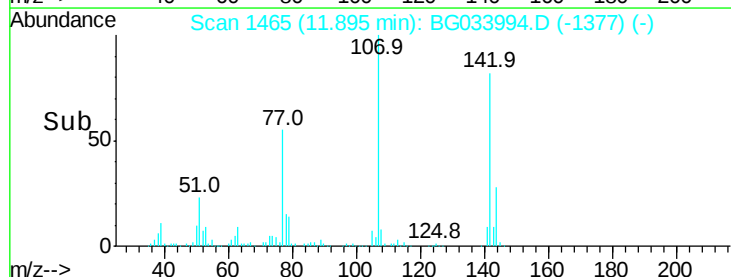
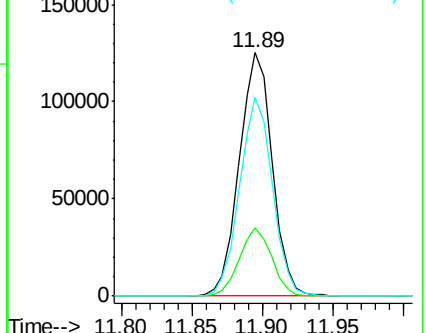
142 81.5 59.0 88.4

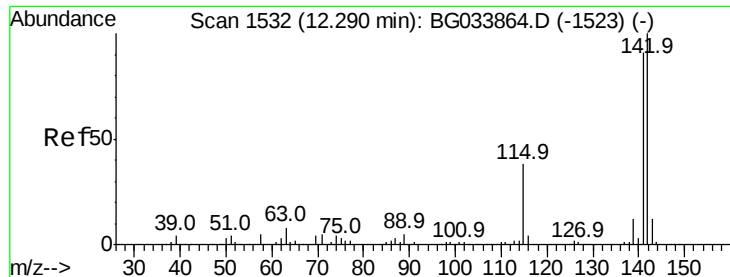


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

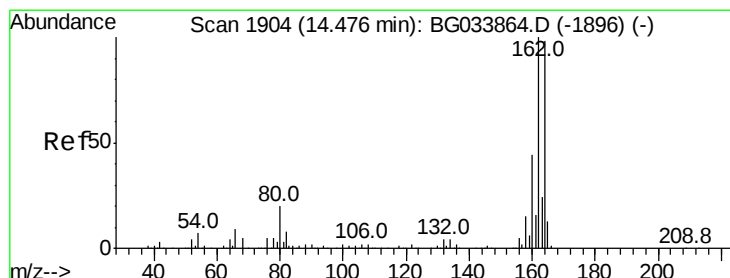
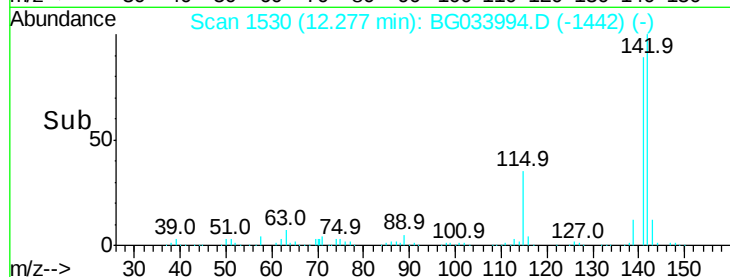
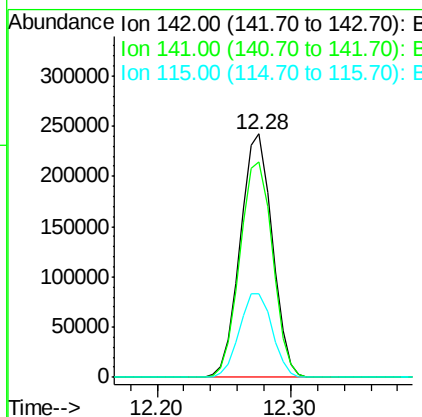
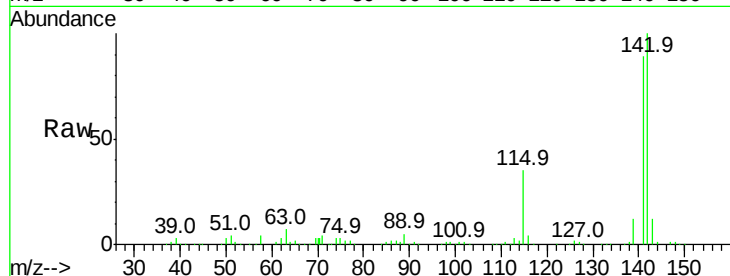




#37
2-Methylnaphthalene
Concen: 34.048 ng
RT: 12.28 min Scan# 1530
Delta R.T. -0.01 min
Lab File: BG033994.D
Acq: 25 Apr 2018 19:46

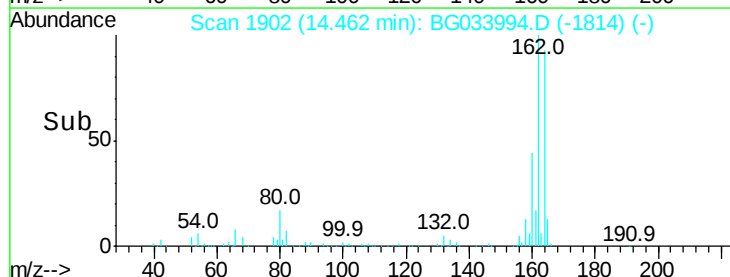
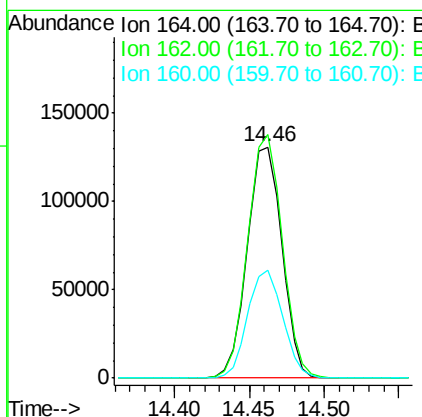
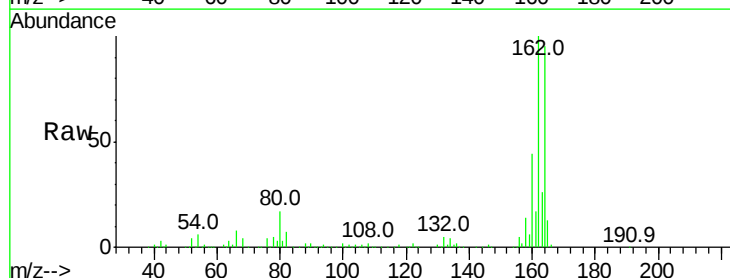
Instrument :
BNA_G
ClientSampleId :

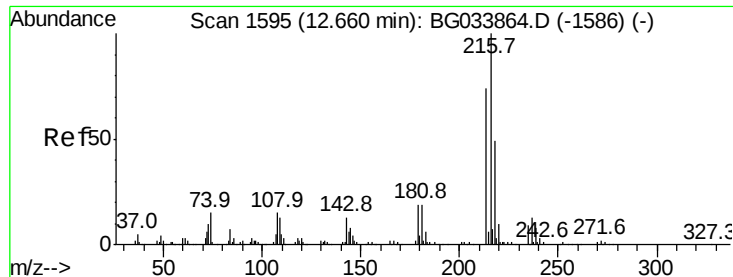
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	67.1	100.7
115	34.6	30.7	46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1902
Delta R.T. -0.01 min
Lab File: BG033994.D
Acq: 25 Apr 2018 19:46

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.4	78.8	118.2
160	46.9	35.4	53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.185 ng

RT: 12.65 min Scan# 1593

Delta R.T. -0.01 min

Lab File: BG033994.D

Acq: 25 Apr 2018 19:46

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 238664

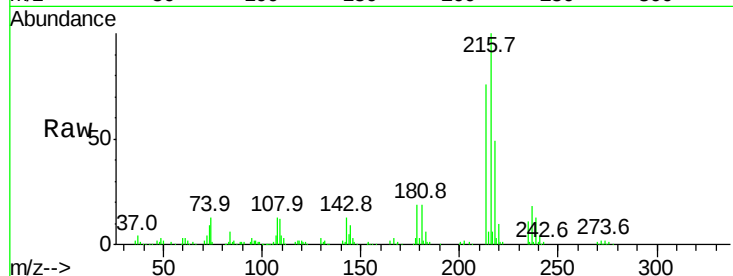
Ion Ratio Lower Upper

216 100

214 77.4 63.0 94.4

179 18.9 17.0 25.6

108 16.8 12.8 19.2

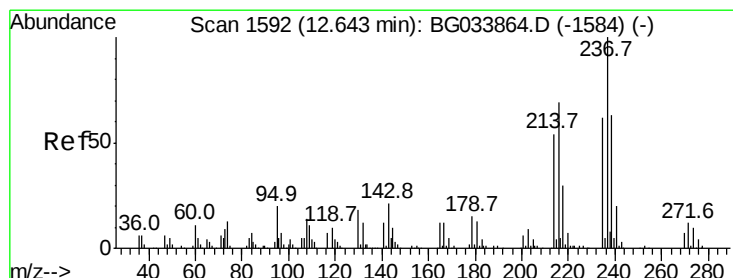
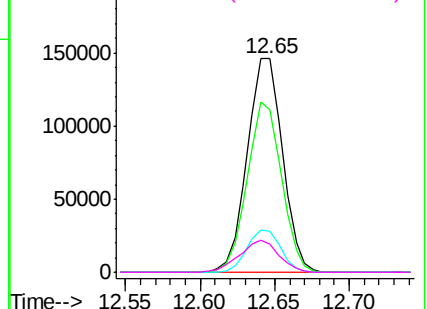
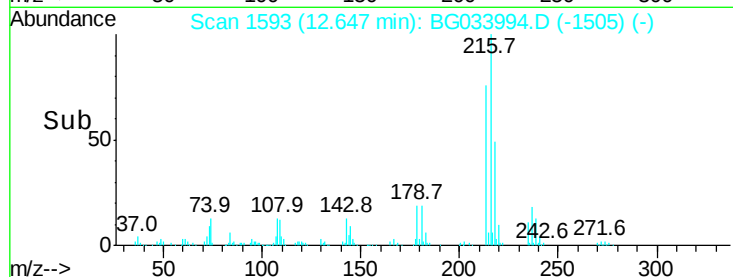


Abundance Ion 216.00 (215.70 to 216.70): E

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: 78.806 ng

RT: 12.63 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BG033994.D

Acq: 25 Apr 2018 19:46

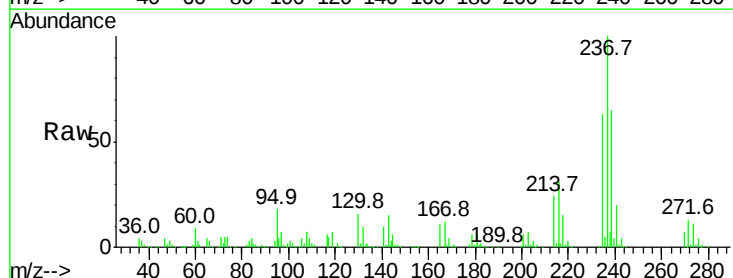
Tgt Ion:237 Resp: 302517

Ion Ratio Lower Upper

237 100

235 62.5 50.4 90.4

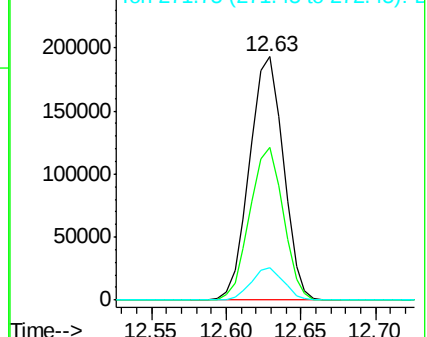
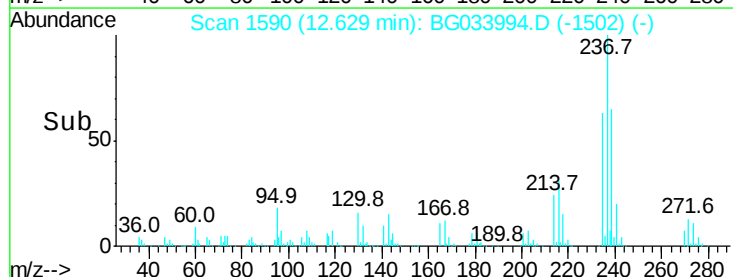
272 13.2 0.0 31.8

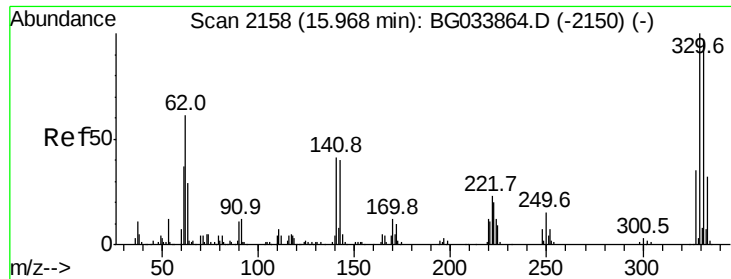


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

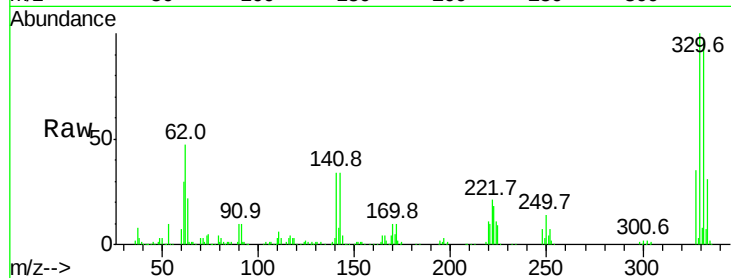




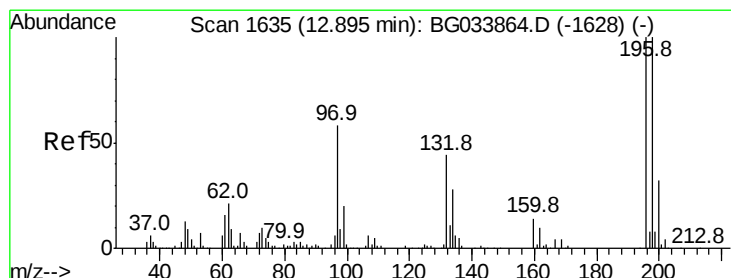
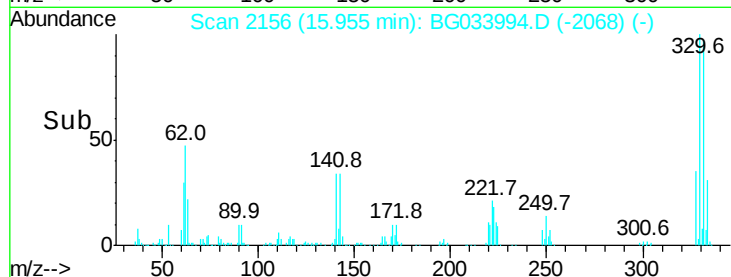
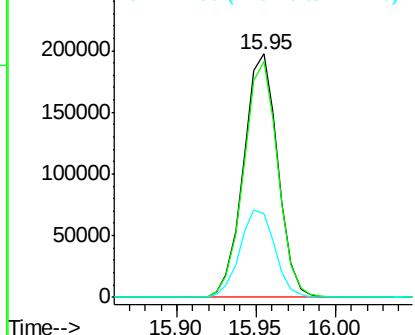
#41
 2,4,6-Tribromophenol
 Concen: 120.462 ng
 RT: 15.95 min Scan# 2156
 Delta R.T. -0.01 min
 Lab File: BG033994.D
 Acq: 25 Apr 2018 19:46

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 295478
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.0 115.6
 141 36.9 25.2 37.8

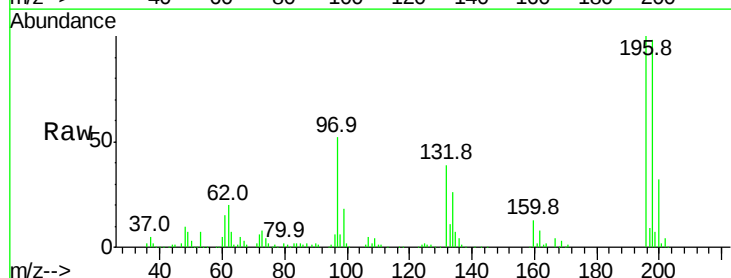


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

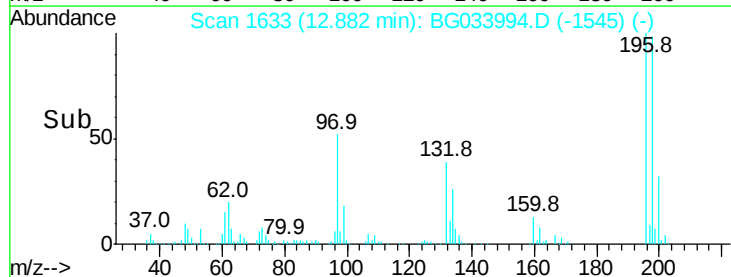
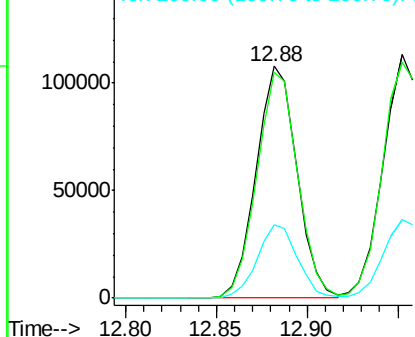


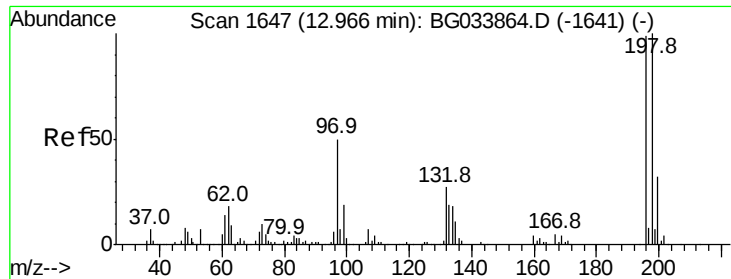
#42
 2,4,6-Trichlorophenol
 Concen: 39.523 ng
 RT: 12.88 min Scan# 1633
 Delta R.T. -0.01 min
 Lab File: BG033994.D
 Acq: 25 Apr 2018 19:46

Tgt Ion:196 Resp: 168237
 Ion Ratio Lower Upper
 196 100
 198 105.1 78.2 117.2
 200 33.9 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

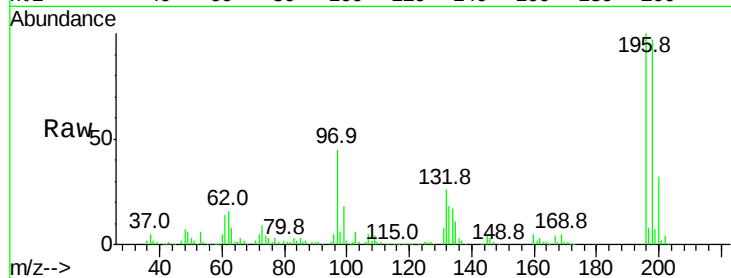




#43
 2,4,5-Trichlorophenol
 Concen: 37.220 ng
 RT: 12.95 min Scan# 1645
 Delta R.T. -0.01 min
 Lab File: BG033994.D
 Acq: 25 Apr 2018 19:46

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.9	76.2	114.4
97	45.1	38.7	58.1
132	26.0	20.2	30.2



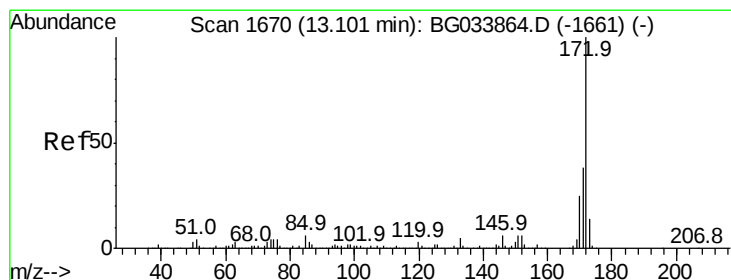
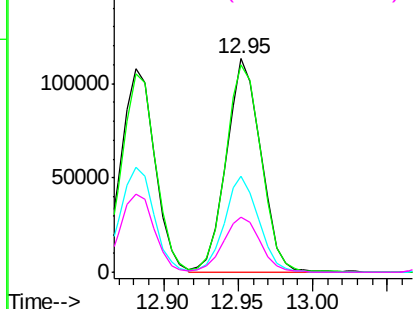
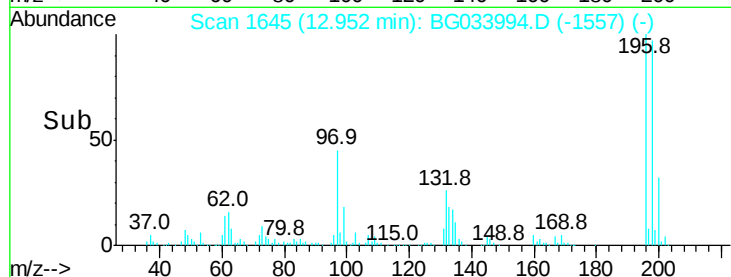
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

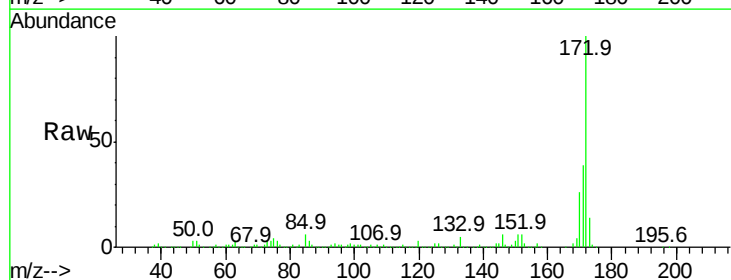
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 71.339 ng
 RT: 13.08 min Scan# 1667
 Delta R.T. -0.02 min
 Lab File: BG033994.D
 Acq: 25 Apr 2018 19:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.7	30.0	45.0
170	25.5	19.5	29.3

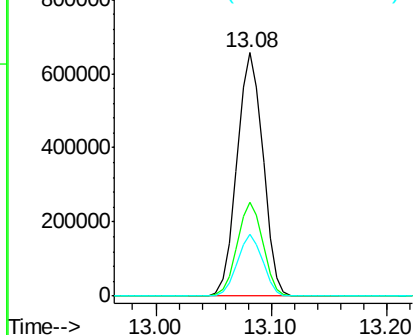
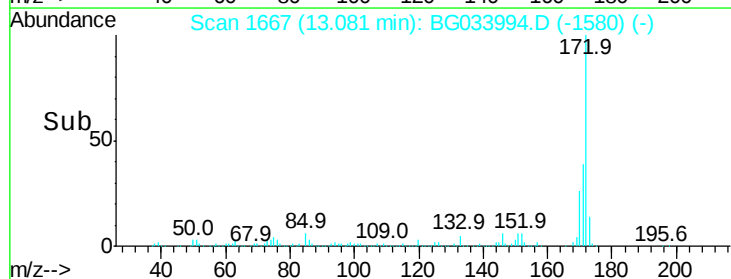


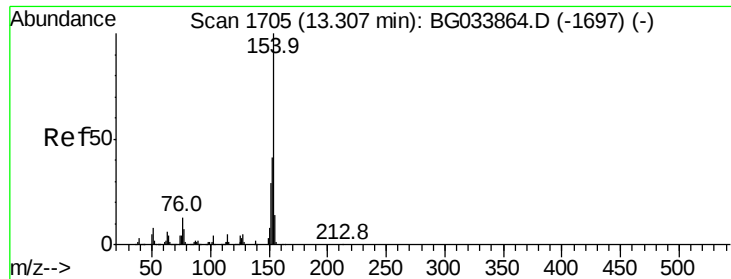
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

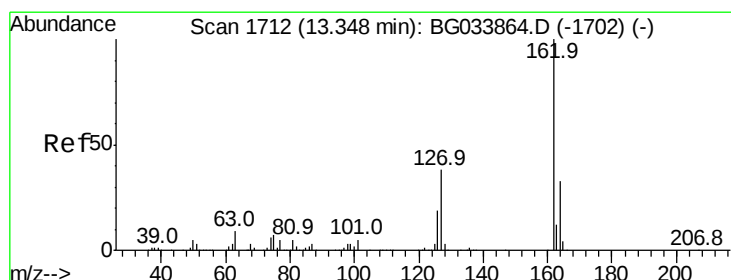
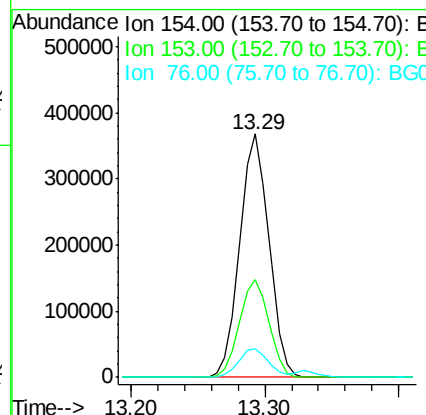
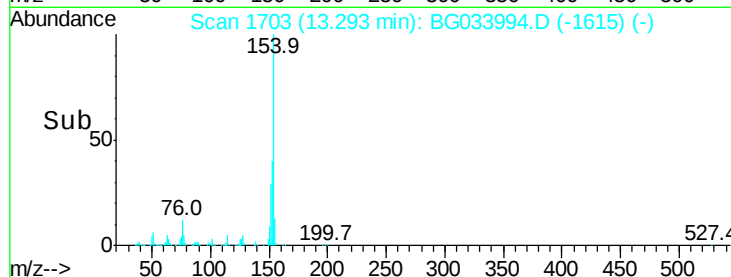
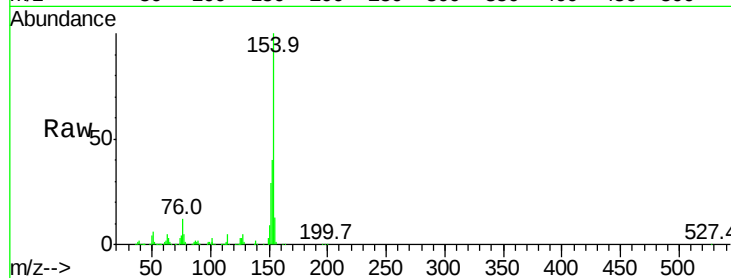




#45
 1,1'-Biphenyl
 Concen: 32.772 ng
 RT: 13.29 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG033994.D
 Acq: 25 Apr 2018 19:46

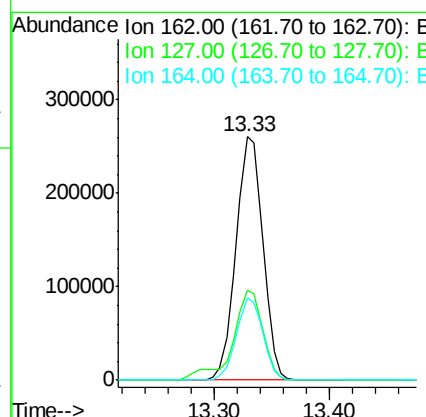
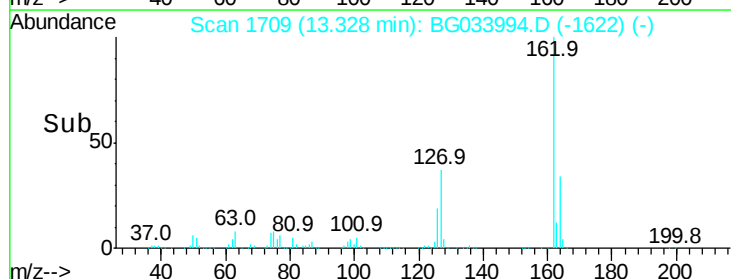
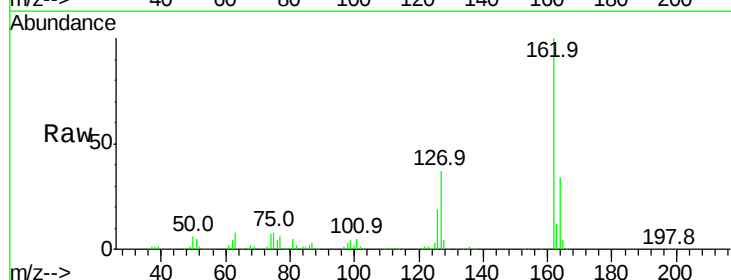
Instrument :
 BNA_G
 ClientSampled :

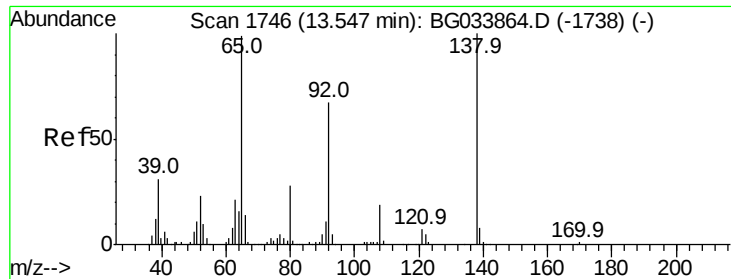
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.2	19.8	59.8
76	11.8	0.0	31.9



#46
 2-Chloronaphthalene
 Concen: 32.622 ng
 RT: 13.33 min Scan# 1709
 Delta R.T. -0.02 min
 Lab File: BG033994.D
 Acq: 25 Apr 2018 19:46

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.2	30.7	46.1
164	33.9	26.0	39.0

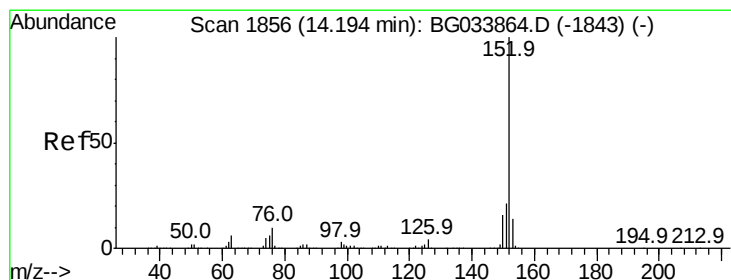
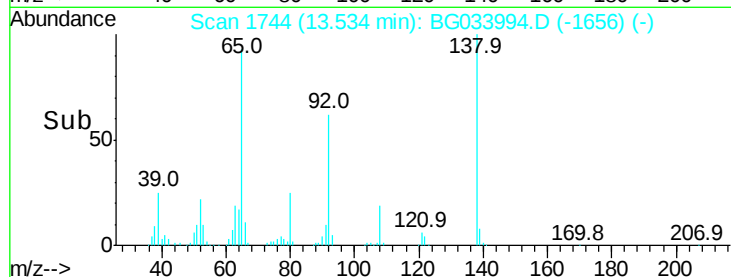
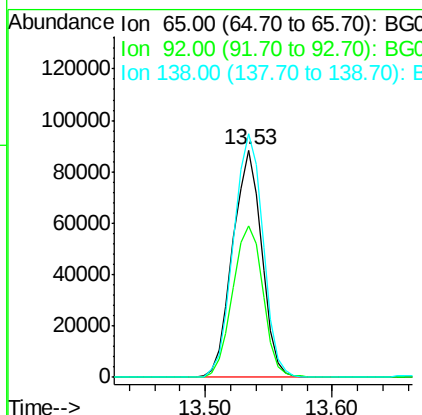
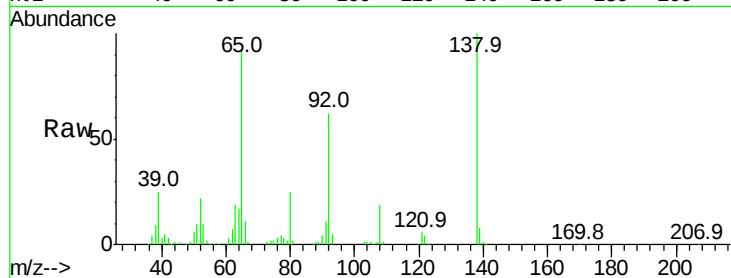




#47
2-Nitroaniline
Concen: 34.839 ng
RT: 13.53 min Scan# 1744
Delta R.T. -0.01 min
Lab File: BG033994.D
Acq: 25 Apr 2018 19:46

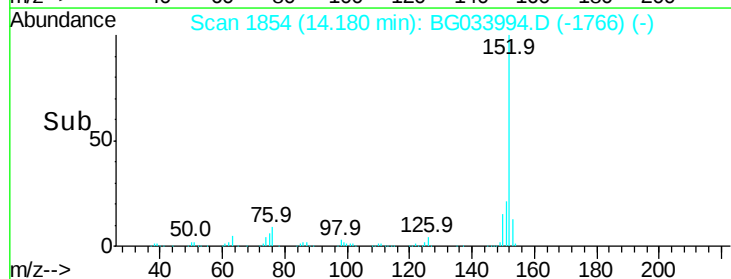
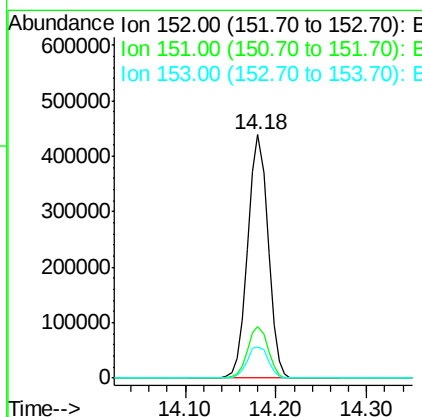
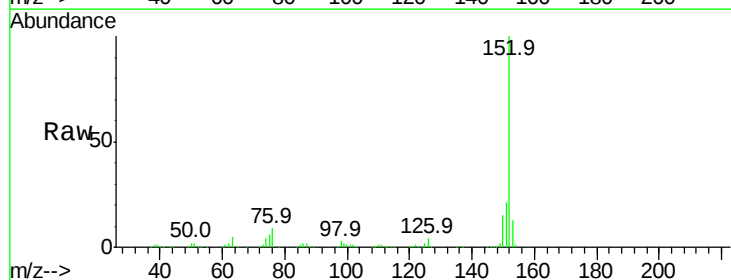
Instrument :
BNA_G
ClientSampleId :

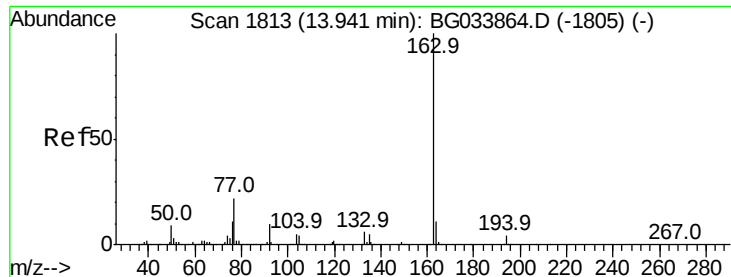
Tot Ion: 65 Resp: 140376
Ion Ratio Lower Upper
65 100
92 66.7 54.6 82.0
138 107.2 72.9 109.3



#48
Acenaphthylene
Concen: 31.699 ng
RT: 14.18 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BG033994.D
Acq: 25 Apr 2018 19:46

Tgt Ion: 152 Resp: 679983
Ion Ratio Lower Upper
152 100
151 21.1 17.2 25.8
153 12.9 10.2 15.4

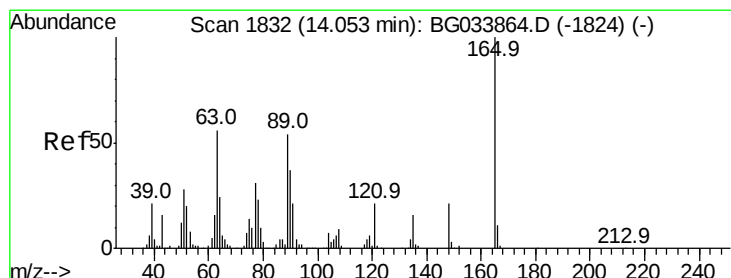
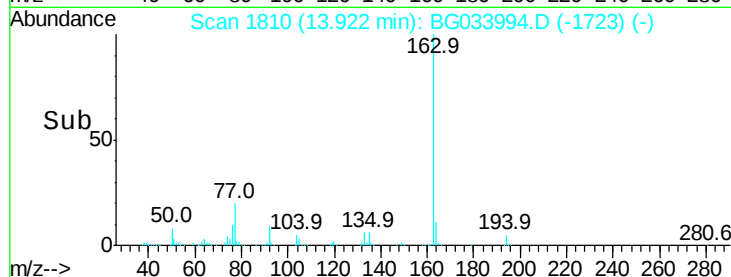
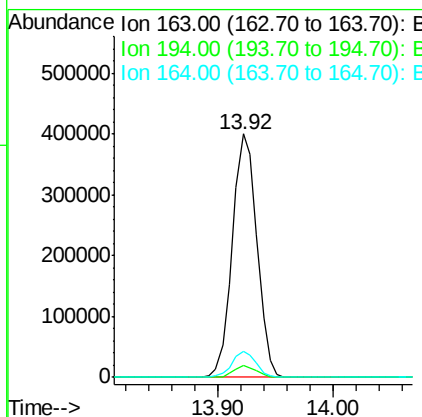
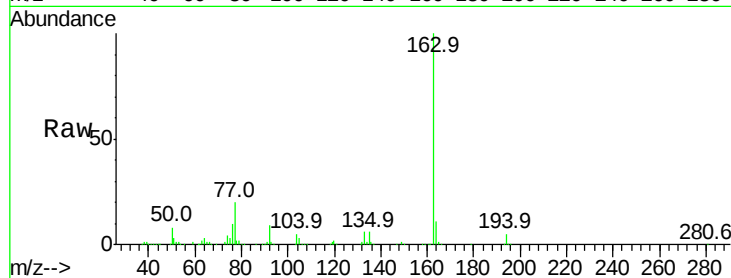




#49
Dimethylphthalate
Concen: 31.826 ng
RT: 13.92 min Scan# 1810
Delta R.T. -0.02 min
Lab File: BG033994.D
Acq: 25 Apr 2018 19:46

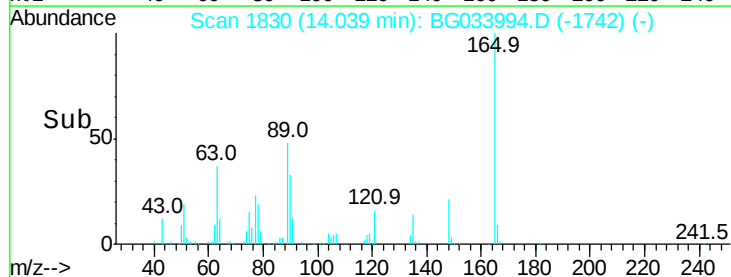
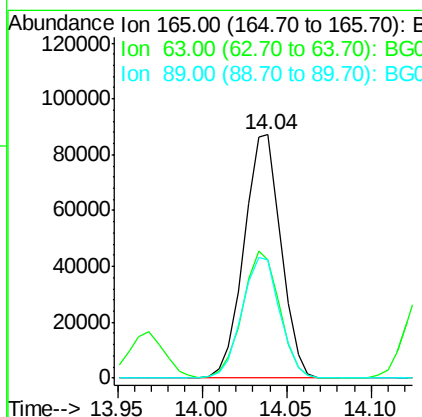
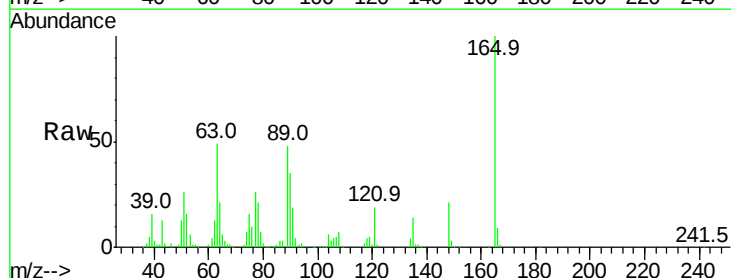
Instrument :
BNA_G
ClientSampleId :

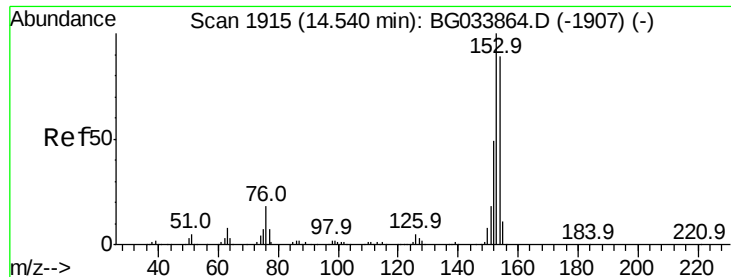
Tot Ion:163 Resp: 588598
Ion Ratio Lower Upper
163 100
194 4.9 3.4 5.2
164 10.8 8.2 12.4



#50
2,6-Dinitrotoluene
Concen: 37.851 ng
RT: 14.04 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BG033994.D
Acq: 25 Apr 2018 19:46

Tgt Ion:165 Resp: 132662
Ion Ratio Lower Upper
165 100
63 48.6 52.7 79.1#
89 48.3 49.2 73.8#





#51

Acenaphthene

Concen: 31.554 ng

RT: 14.53 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BG033994.D

Acq: 25 Apr 2018 19:46

Instrument :

BNA_G

ClientSampleId :

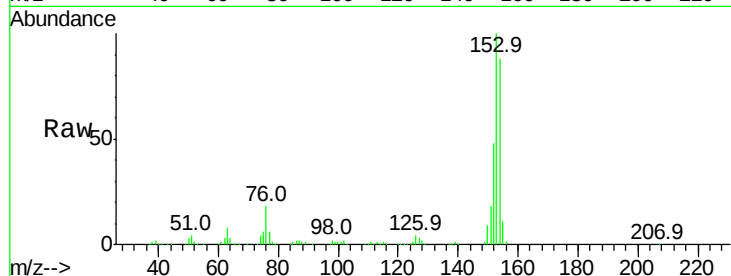
Tot Ion:154 Resp: 425208

Ion Ratio Lower Upper

154 100

153 114.0 90.4 135.6

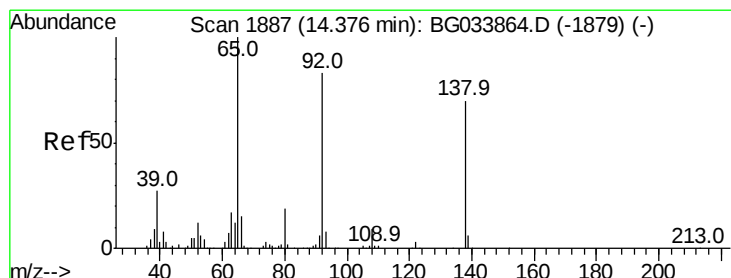
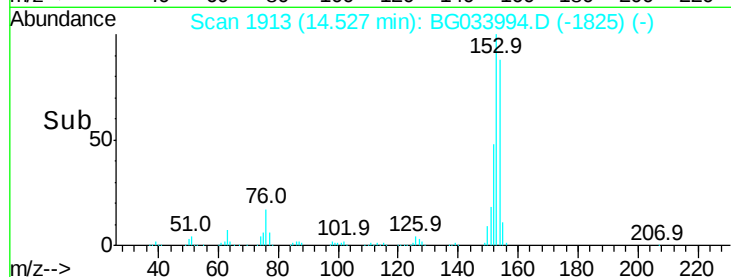
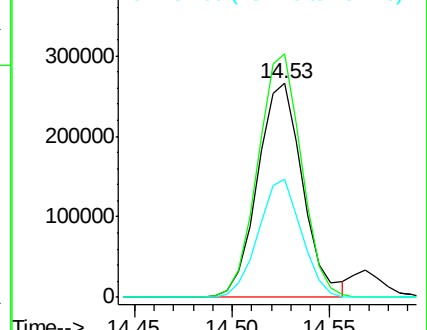
152 55.1 41.6 62.4



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: 26.196 ng

RT: 14.36 min Scan# 1885

Delta R.T. -0.01 min

Lab File: BG033994.D

Acq: 25 Apr 2018 19:46

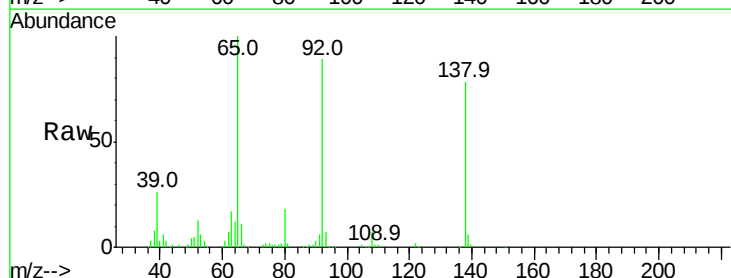
Tgt Ion:138 Resp: 99697

Ion Ratio Lower Upper

138 100

108 9.6 17.5 26.3#

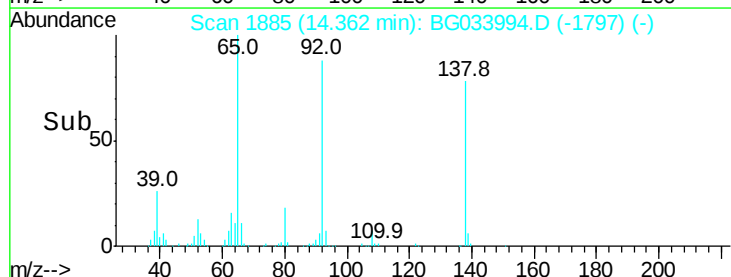
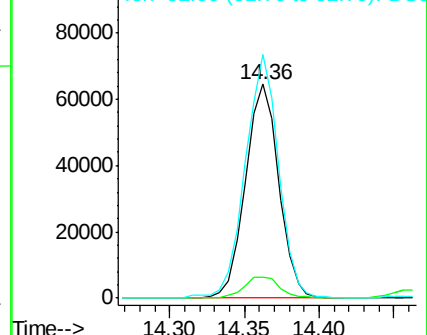
92 113.9 105.8 158.8

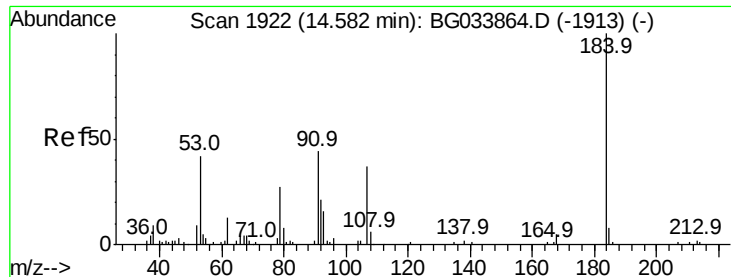


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

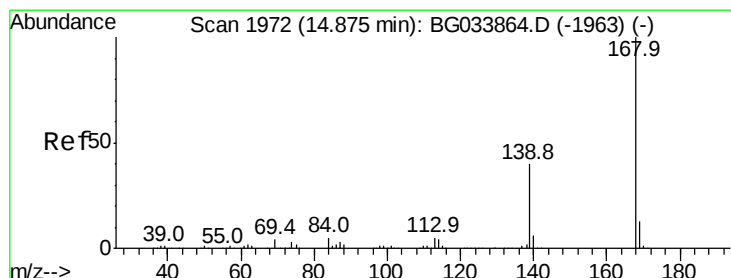
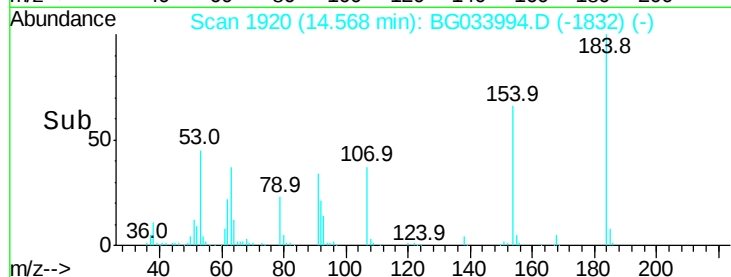
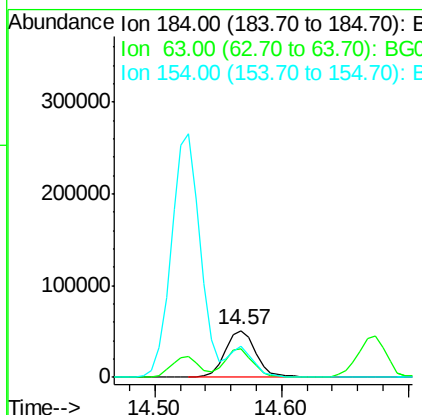
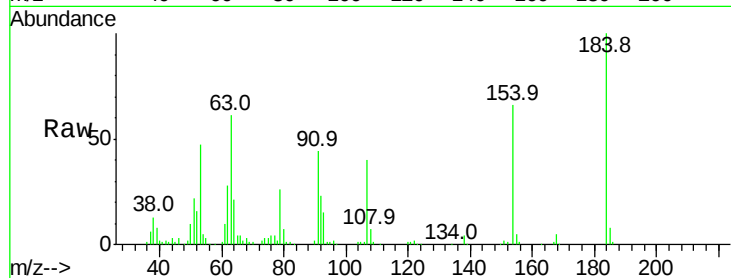




#53
 2,4-Dinitrophenol
 Concen: 68.201 ng
 RT: 14.57 min Scan# 1920
 Delta R.T. -0.01 min
 Lab File: BG033994.D
 Acq: 25 Apr 2018 19:46

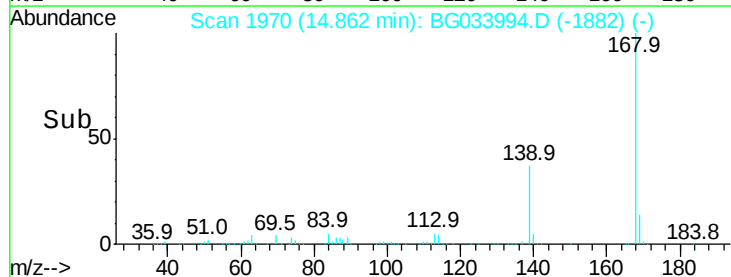
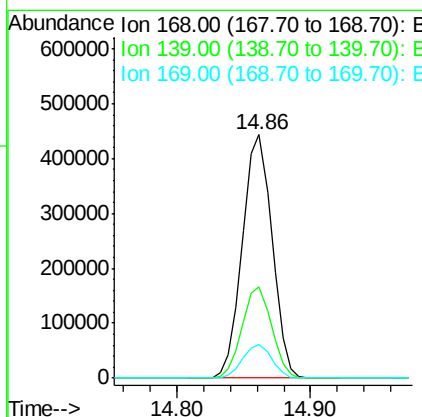
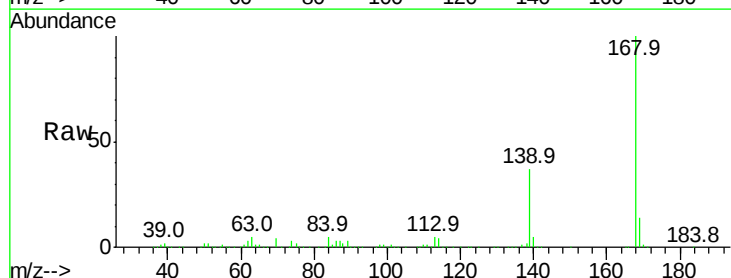
Instrument :
 BNA_G
 ClientSampleId :

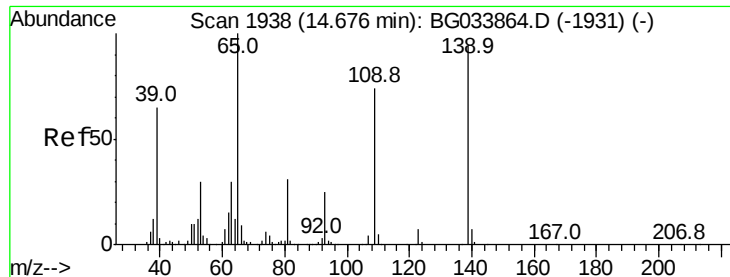
Tot Ion:184 Resp: 85485
 Ion Ratio Lower Upper
 184 100
 63 60.7 59.8 89.8
 154 66.2 101.8 152.8#



#54
 Dibenzofuran
 Concen: 34.098 ng
 RT: 14.86 min Scan# 1970
 Delta R.T. -0.01 min
 Lab File: BG033994.D
 Acq: 25 Apr 2018 19:46

Tgt Ion:168 Resp: 681222
 Ion Ratio Lower Upper
 168 100
 139 37.4 28.6 43.0
 169 13.8 11.2 16.8

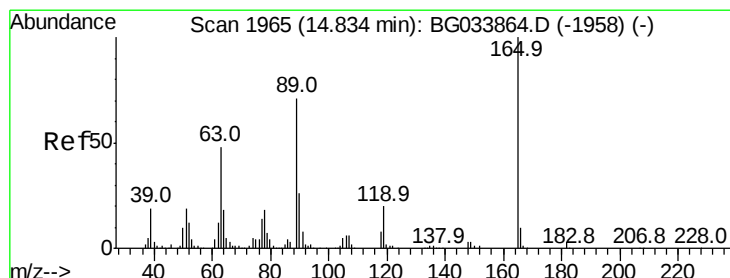
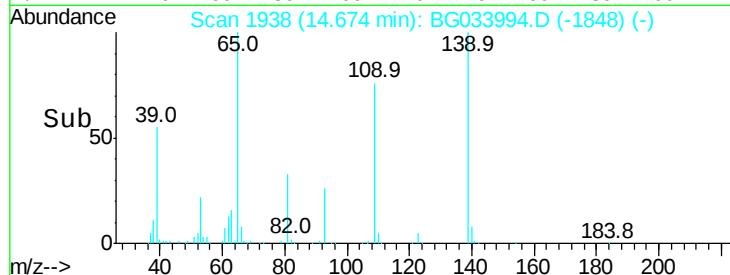
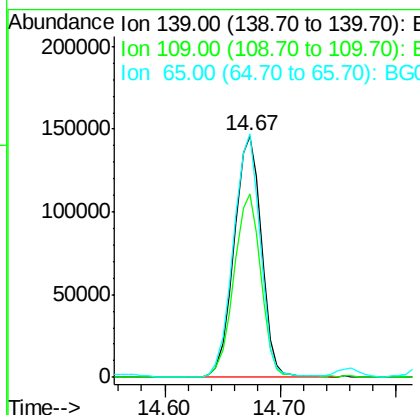
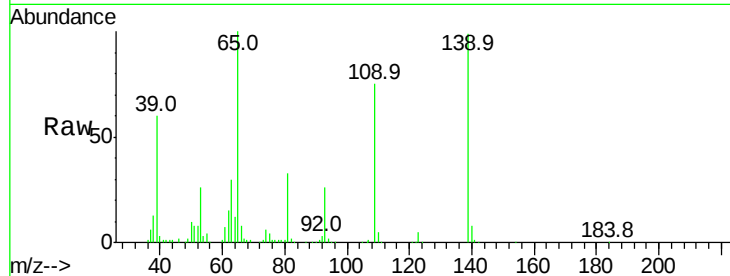




#55
4-Nitrophenol
Concen: 80.153 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.00 min
Lab File: BG033994.D
Acq: 25 Apr 2018 19:46

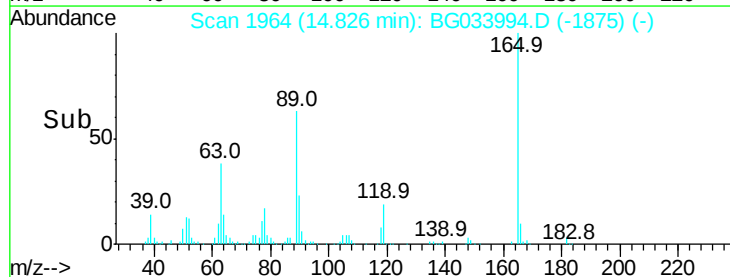
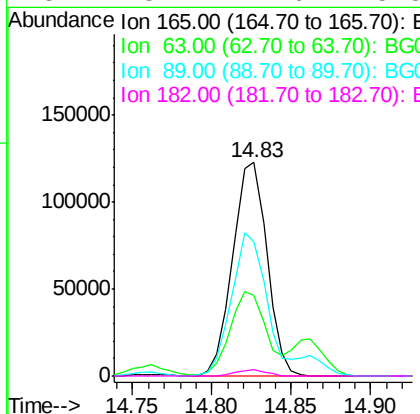
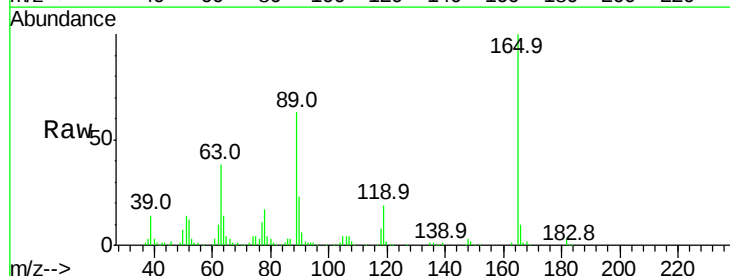
Instrument :
BNA_G
ClientSampleId :

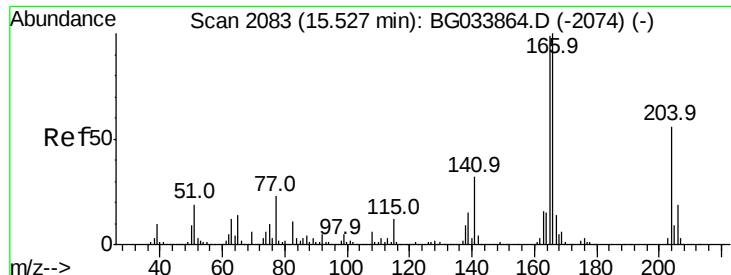
Tot Ion:139 Resp: 239242
Ion Ratio Lower Upper
139 100
109 76.0 62.2 102.2
65 101.0 97.2 137.2



#56
2,4-Dinitrotoluene
Concen: 39.584 ng
RT: 14.83 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BG033994.D
Acq: 25 Apr 2018 19:46

Tgt Ion:165 Resp: 184491
Ion Ratio Lower Upper
165 100
63 38.0 42.0 63.0#
89 63.2 66.9 100.3#
182 3.1 2.6 3.8

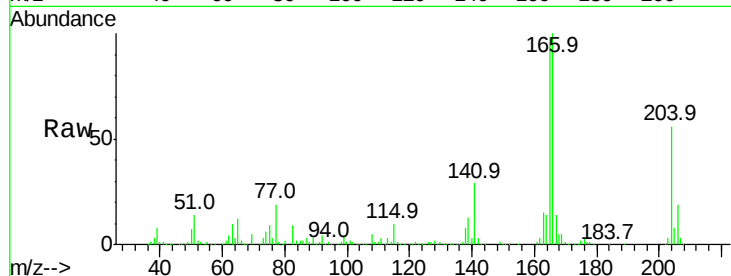




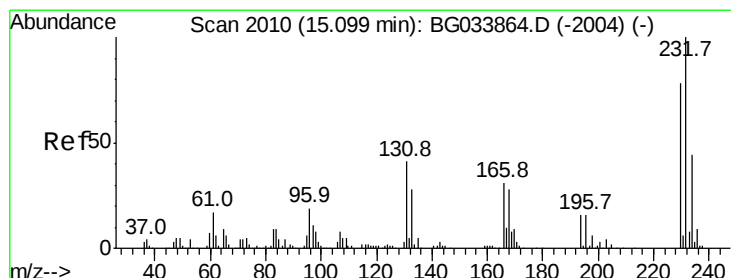
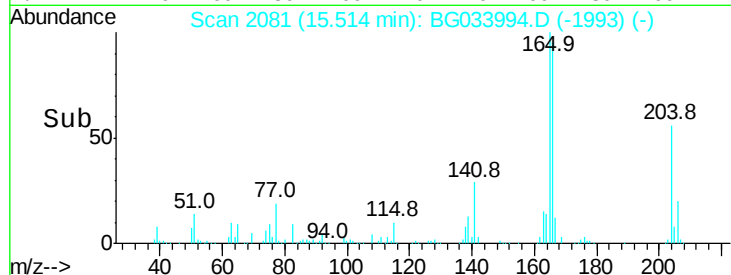
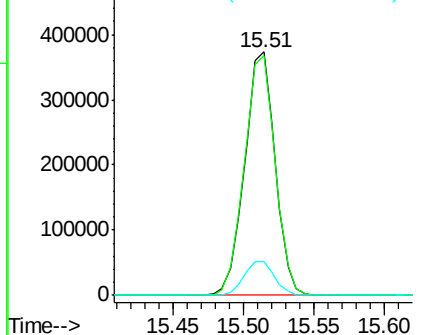
#57
 Fluorene
 Concen: 32.620 ng
 RT: 15.51 min Scan# 2081
 Delta R.T. -0.01 min
 Lab File: BG033994.D
 Acq: 25 Apr 2018 19:46

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:166 Resp: 563928
 Ion Ratio Lower Upper
 166 100
 165 98.2 80.6 121.0
 167 13.9 10.4 15.6

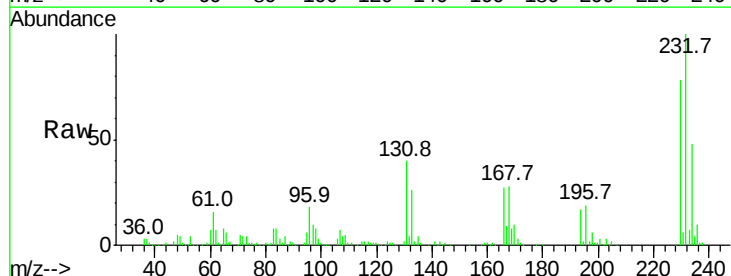


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

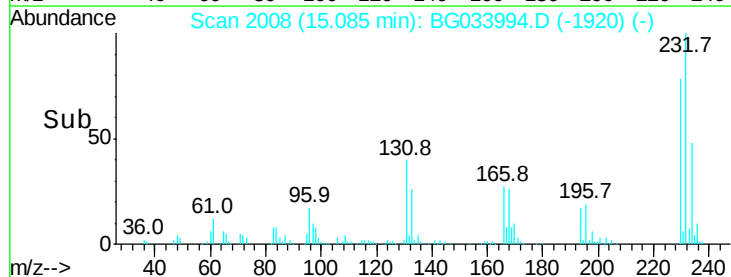
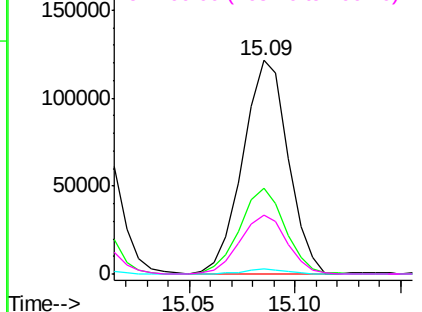


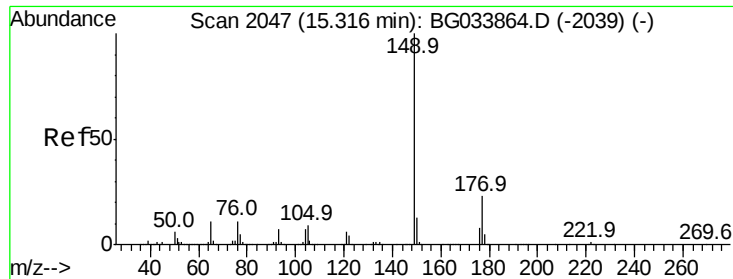
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.440 ng
 RT: 15.09 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BG033994.D
 Acq: 25 Apr 2018 19:46

Tgt Ion:232 Resp: 181198
 Ion Ratio Lower Upper
 232 100
 131 40.5 33.5 50.3
 130 2.2 2.2 3.2
 166 28.4 24.8 37.2



Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

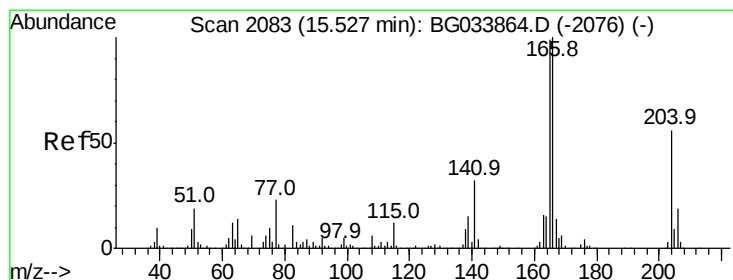
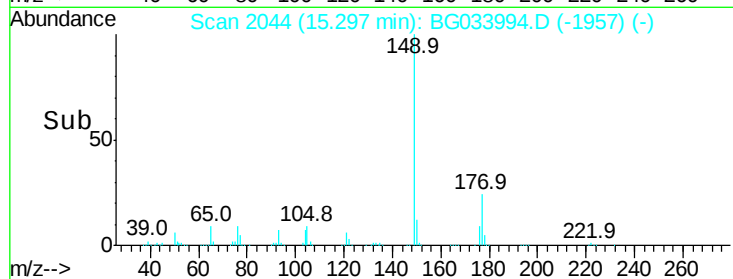
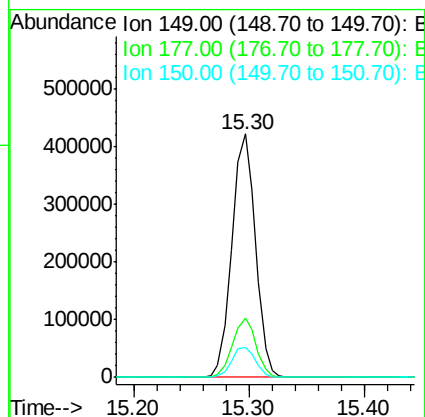
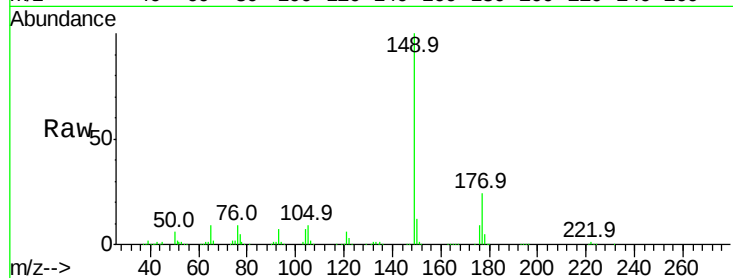




#59
Diethylphthalate
Concen: 30.404 ng
RT: 15.30 min Scan# 2044
Delta R.T. -0.02 min
Lab File: BG033994.D
Acq: 25 Apr 2018 19:46

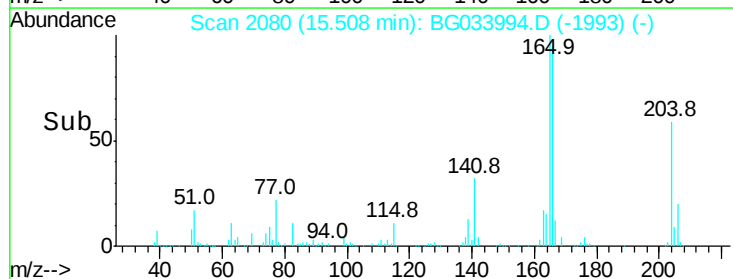
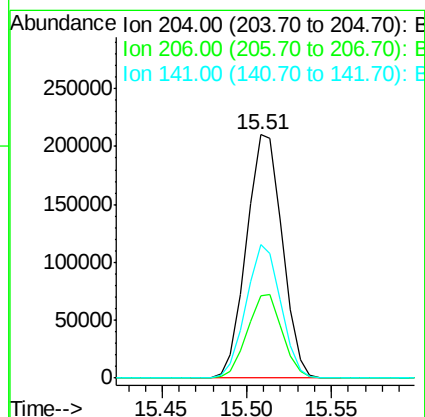
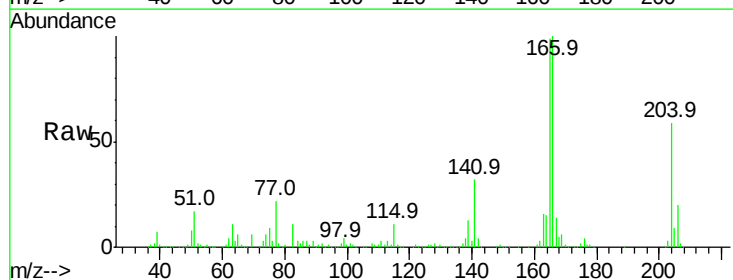
Instrument :
BNA_G
ClientSampled :

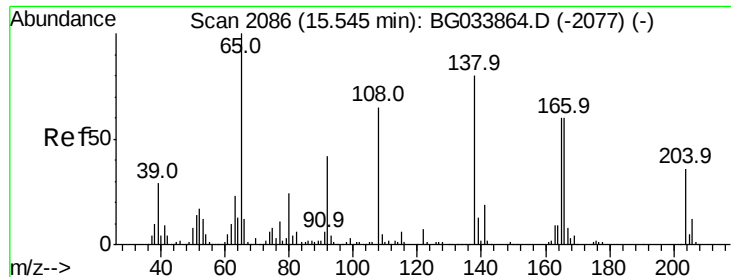
Tot Ion:149 Resp: 594367
Ion Ratio Lower Upper
149 100
177 24.1 18.5 27.7
150 12.3 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 34.369 ng
RT: 15.51 min Scan# 2080
Delta R.T. -0.02 min
Lab File: BG033994.D
Acq: 25 Apr 2018 19:46

Tgt Ion:204 Resp: 310780
Ion Ratio Lower Upper
204 100
206 33.8 26.2 39.2
141 55.1 45.8 68.6





#61

4-Nitroaniline

Concen: 36.001 ng

RT: 15.53 min Scan# 2084

Delta R.T. -0.01 min

Lab File: BG033994.D

Acq: 25 Apr 2018 19:46

Instrument :

BNA_G

ClientSampleId :

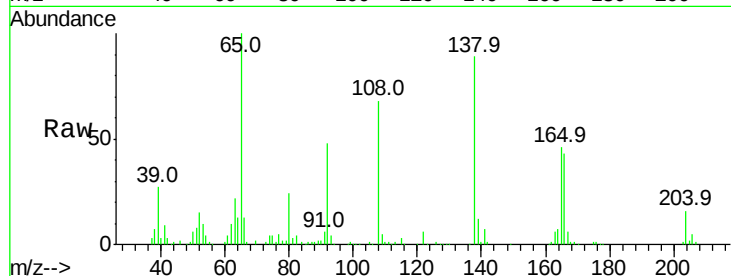
Tot Ion:138 Resp: 145472

Ion Ratio Lower Upper

138 100

92 53.6 40.1 80.1

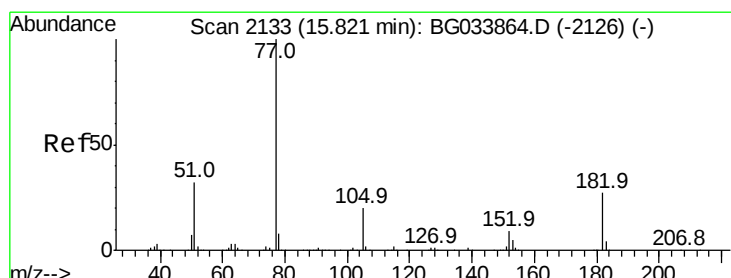
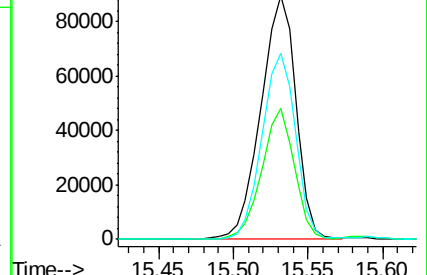
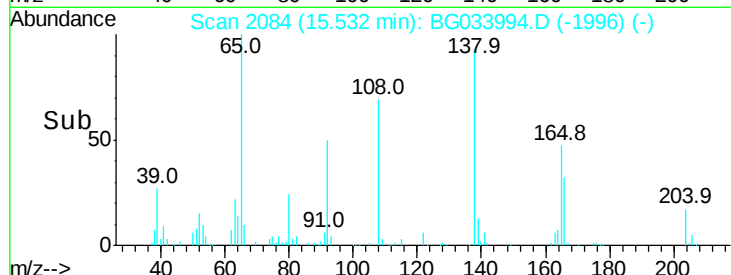
108 76.4 65.4 105.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 30.002 ng

RT: 15.80 min Scan# 2130

Delta R.T. -0.02 min

Lab File: BG033994.D

Acq: 25 Apr 2018 19:46

Tgt Ion: 77 Resp: 522817

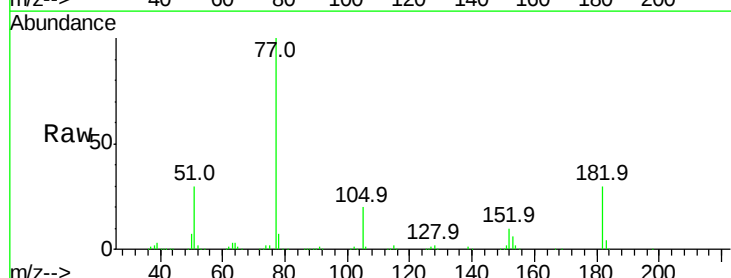
Ion Ratio Lower Upper

77 100

182 29.6 7.4 47.4

105 19.7 0.3 40.3

51 29.6 11.6 51.6

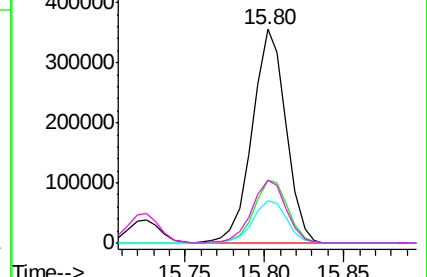
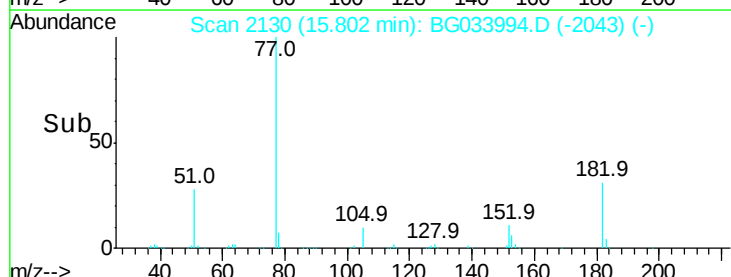


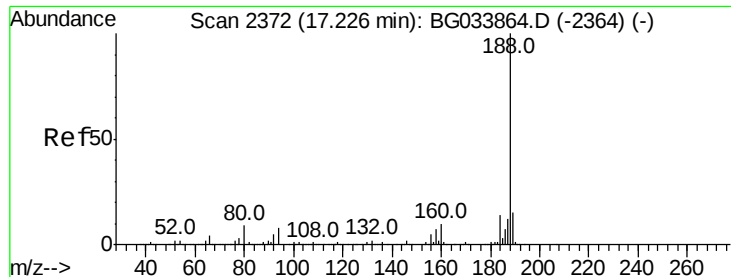
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.21 min Scan# 2370

Delta R.T. -0.01 min

Lab File: BG033994.D

Acq: 25 Apr 2018 19:46

Instrument :

BNA_G

ClientSampleId :

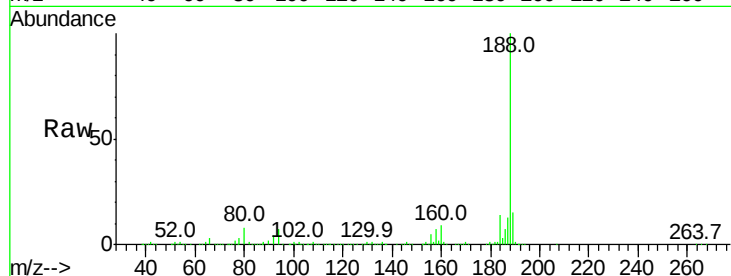
Tot Ion:188 Resp: 523383

Ion Ratio Lower Upper

188 100

94 6.7 6.9 10.3#

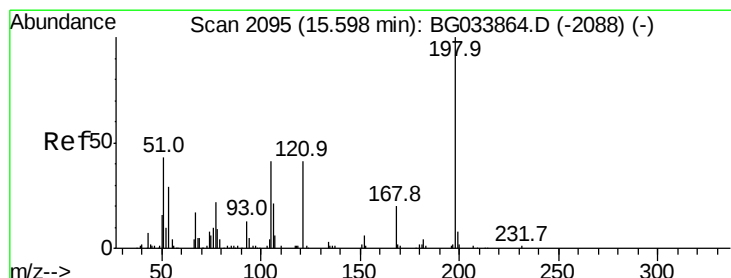
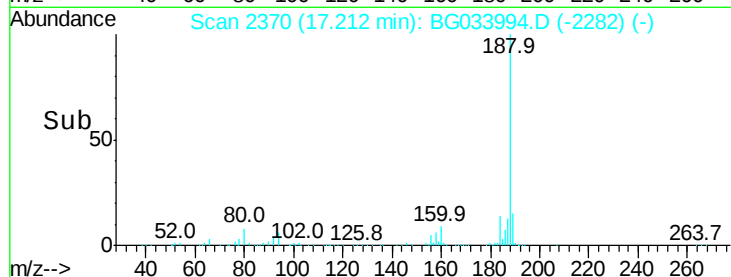
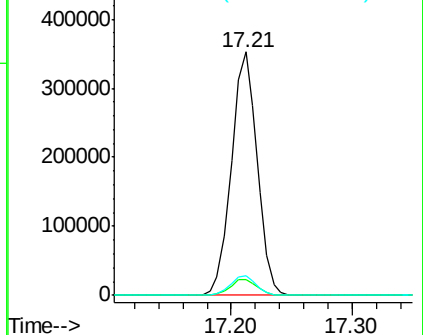
80 8.1 7.7 11.5



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: 34.417 ng

RT: 15.58 min Scan# 2093

Delta R.T. -0.01 min

Lab File: BG033994.D

Acq: 25 Apr 2018 19:46

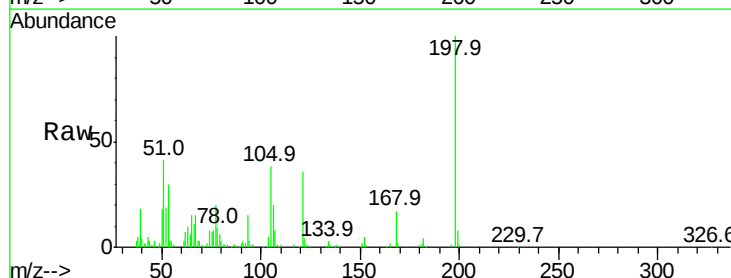
Tgt Ion:198 Resp: 81387

Ion Ratio Lower Upper

198 100

51 41.2 30.6 70.6

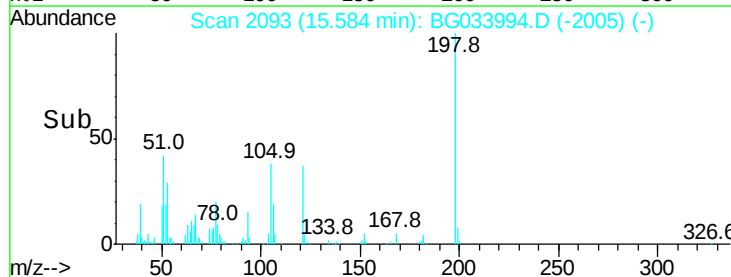
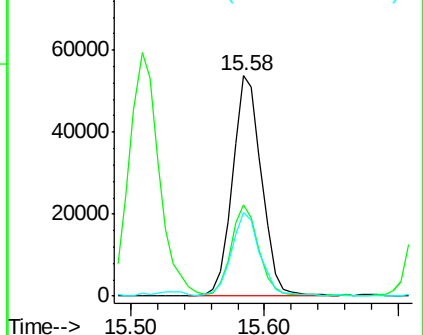
105 38.0 23.8 63.8

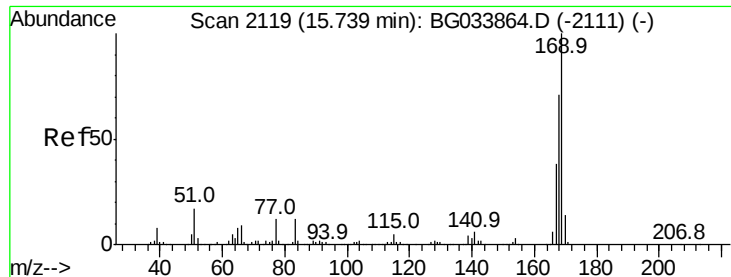


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E



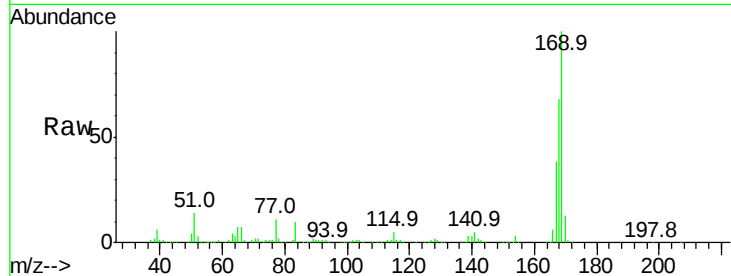


#65

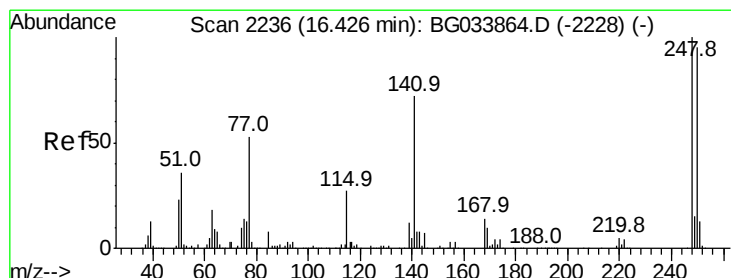
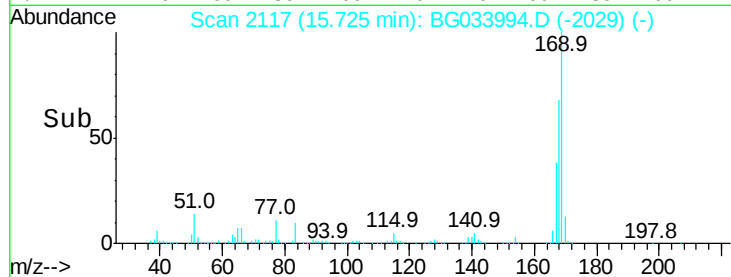
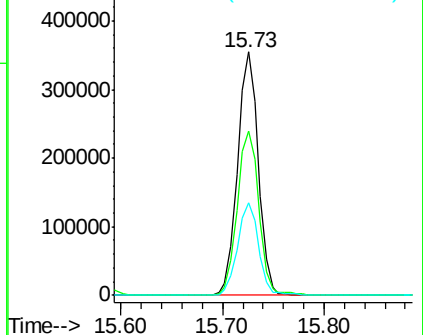
n-Nitrosodiphenylamine
 Concen: 32.977 ng
 RT: 15.73 min Scan# 2117
 Delta R.T. -0.01 min
 Lab File: BG033994.D
 Acq: 25 Apr 2018 19:46

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:169 Resp: 501787
 Ion Ratio Lower Upper
 169 100
 168 67.5 55.7 83.5
 167 38.2 30.1 45.1



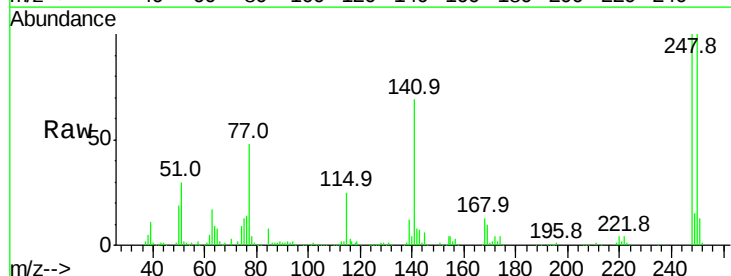
Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E



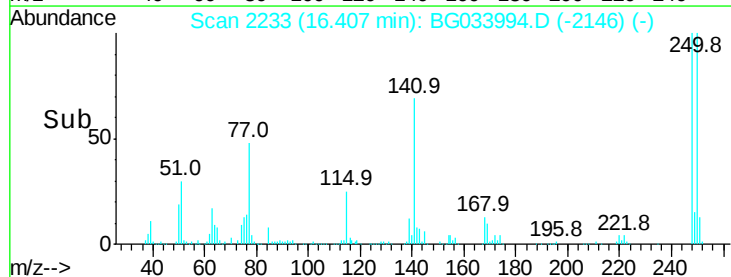
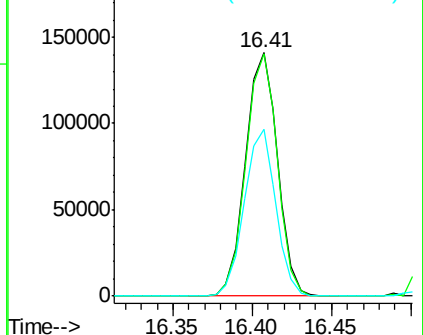
#66

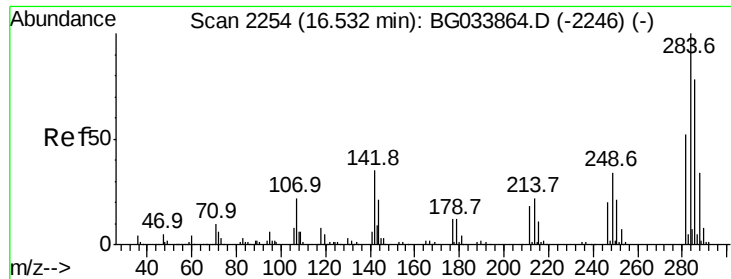
4-Bromophenyl-phenylether
 Concen: 34.341 ng
 RT: 16.41 min Scan# 2233
 Delta R.T. -0.02 min
 Lab File: BG033994.D
 Acq: 25 Apr 2018 19:46

Tgt Ion:248 Resp: 197389
 Ion Ratio Lower Upper
 248 100
 250 99.6 77.1 115.7
 141 68.6 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: 33.862 ng

RT: 16.51 min Scan# 2251

Delta R.T. -0.02 min

Lab File: BG033994.D

Acq: 25 Apr 2018 19:46

Instrument :

BNA_G

ClientSampleId :

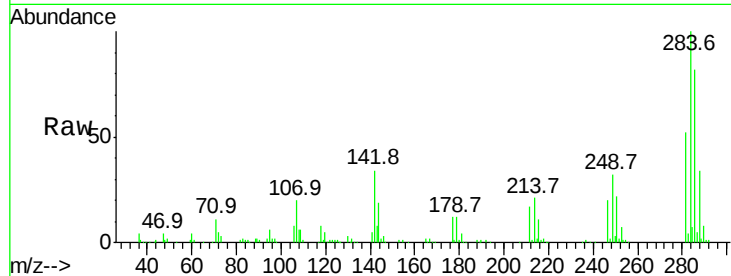
Tot Ion:284 Resp: 207565

Ion Ratio Lower Upper

284 100

142 33.7 26.8 40.2

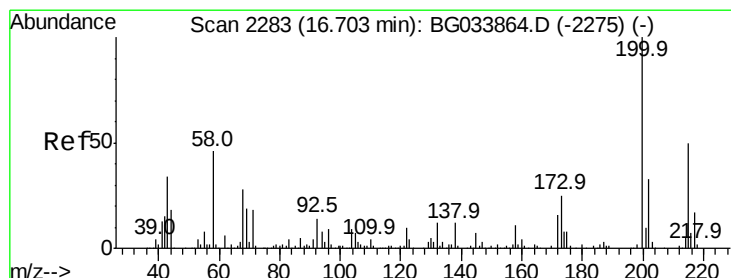
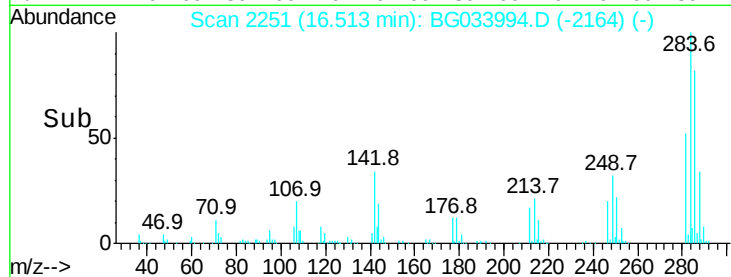
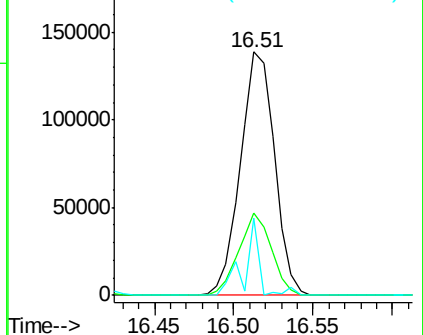
249 34.2 26.3 39.5



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 36.123 ng

RT: 16.68 min Scan# 2280

Delta R.T. -0.02 min

Lab File: BG033994.D

Acq: 25 Apr 2018 19:46

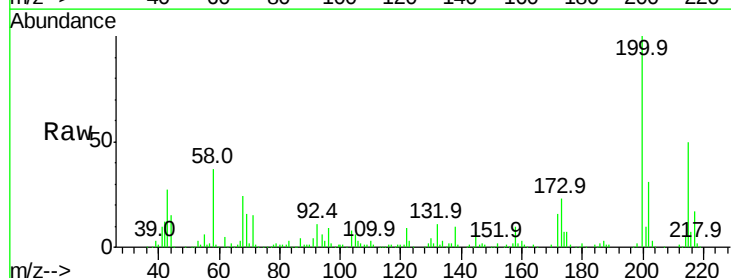
Tgt Ion:200 Resp: 215331

Ion Ratio Lower Upper

200 100

173 22.8 5.2 45.2

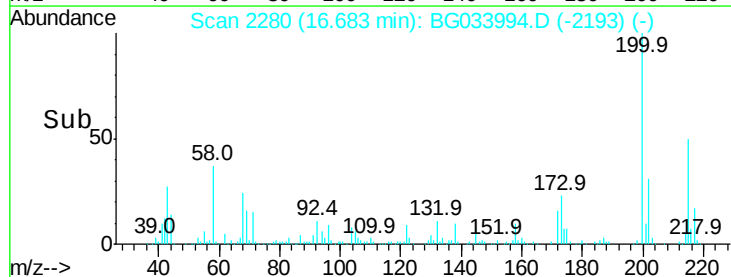
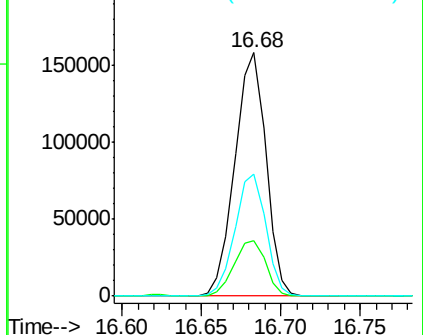
215 50.0 30.4 70.4

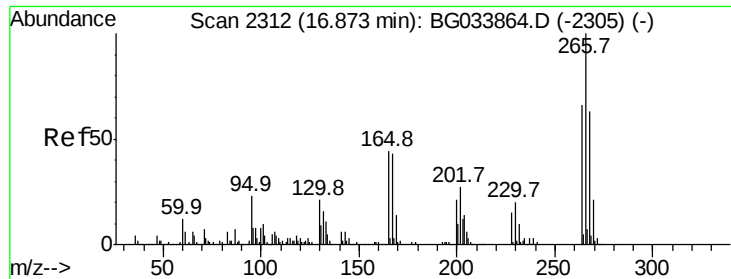


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

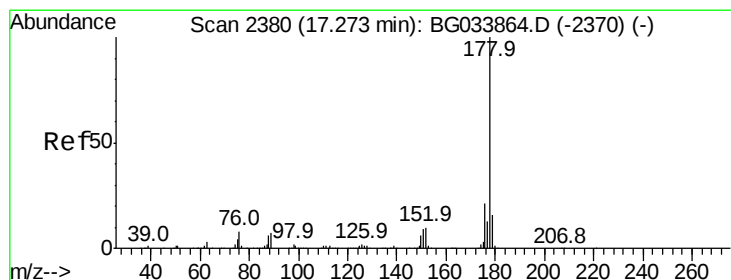
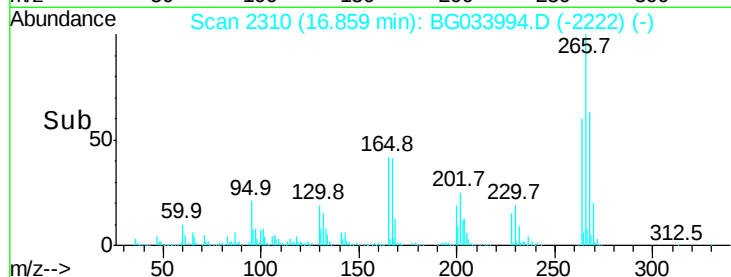
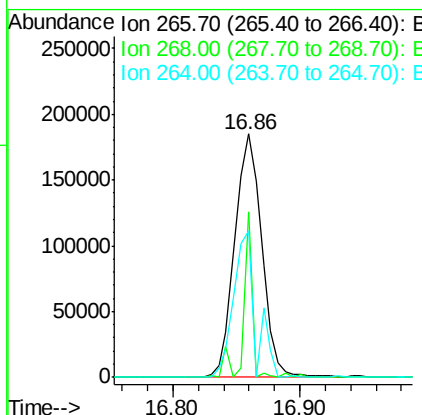
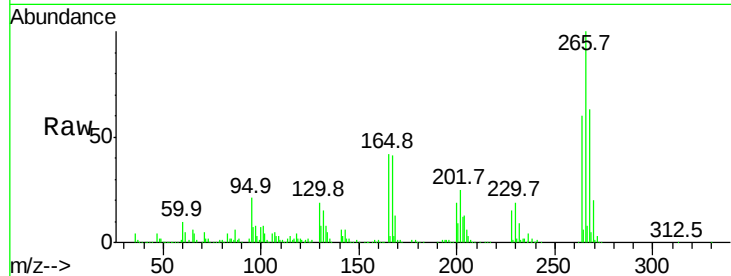




#69
 Pentachlorophenol
 Concen: 64.842 ng
 RT: 16.86 min Scan# 2310
 Delta R.T. -0.01 min
 Lab File: BG033994.D
 Acq: 25 Apr 2018 19:46

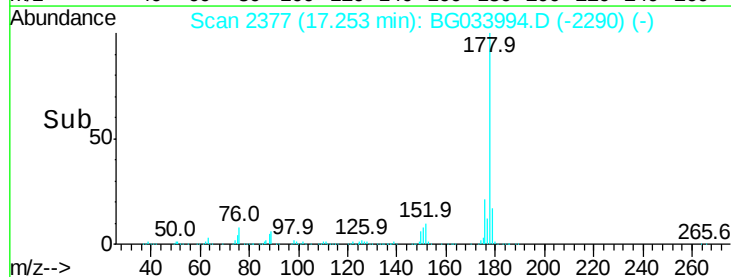
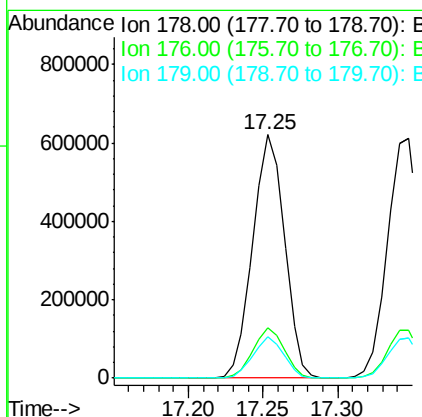
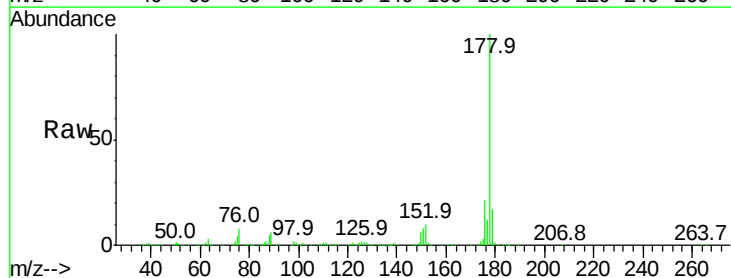
Instrument :
 BNA_G
 ClientSampled :

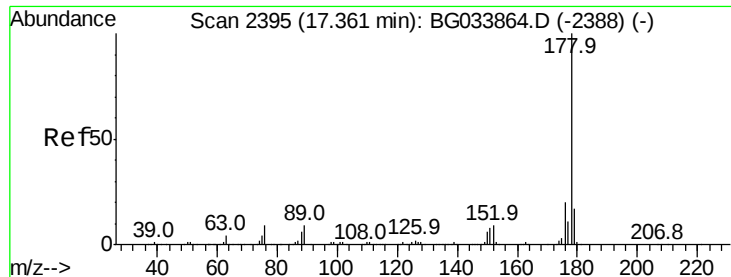
Tot Ion	Ratio	Lower	Upper
266	100		
268	68.0	51.1	76.7
264	65.8	49.6	74.4



#70
 Phenanthrene
 Concen: 32.637 ng
 RT: 17.25 min Scan# 2377
 Delta R.T. -0.02 min
 Lab File: BG033994.D
 Acq: 25 Apr 2018 19:46

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.7	15.7	23.5
179	17.2	12.5	18.7

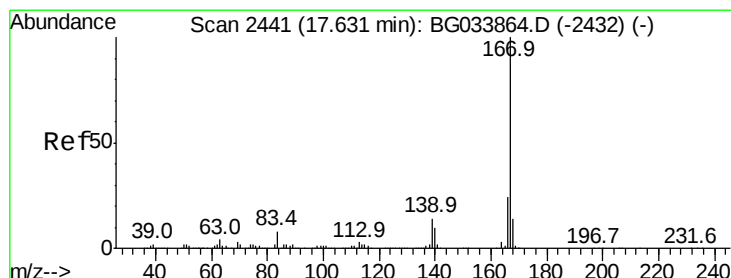
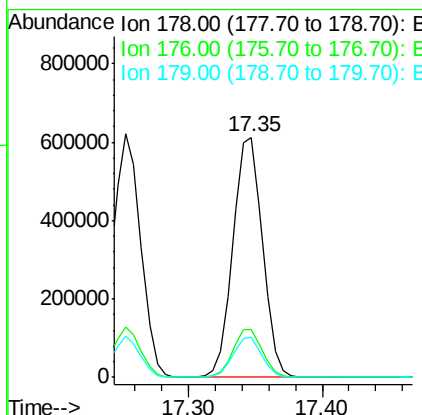
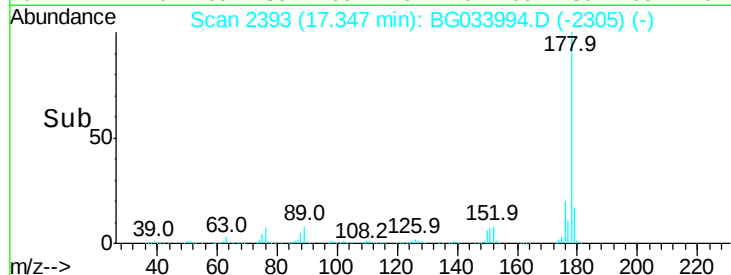
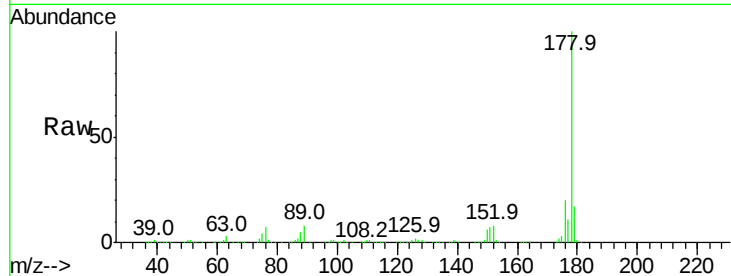




#71
 Anthracene
 Concen: 33.493 ng
 RT: 17.35 min Scan# 2393
 Delta R.T. -0.01 min
 Lab File: BG033994.D
 Acq: 25 Apr 2018 19:46

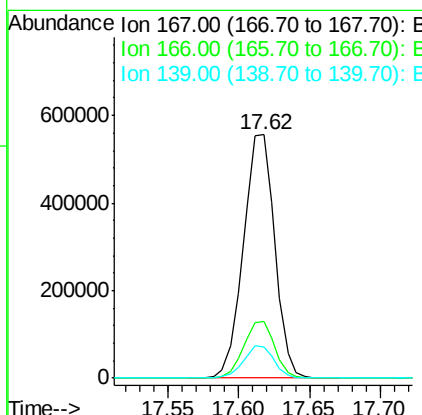
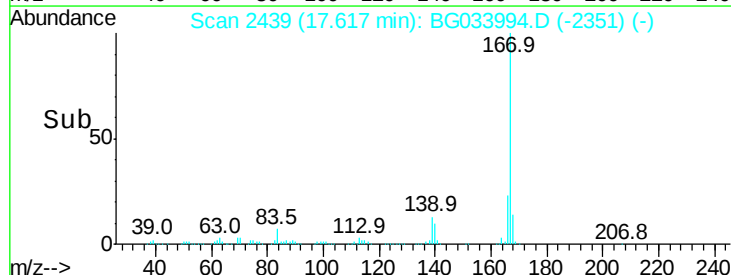
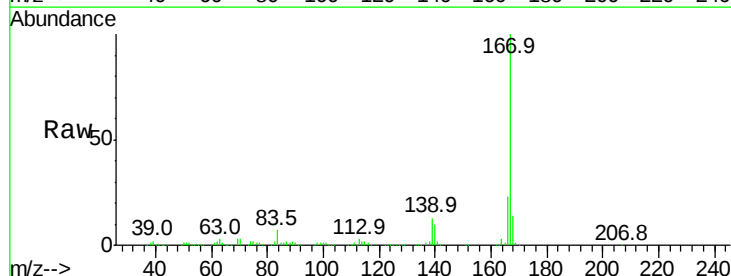
Instrument :
 BNA_G
 ClientSampleId :

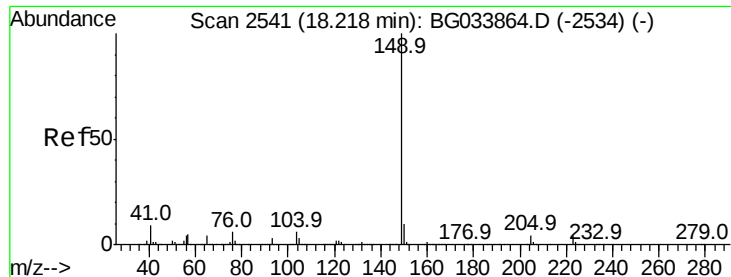
Tot Ion:178 Resp: 940434
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.0 24.0
 179 16.6 12.5 18.7



#72
 Carbazole
 Concen: 31.885 ng
 RT: 17.62 min Scan# 2439
 Delta R.T. -0.01 min
 Lab File: BG033994.D
 Acq: 25 Apr 2018 19:46

Tgt Ion:167 Resp: 863719
 Ion Ratio Lower Upper
 167 100
 166 23.4 18.2 27.4
 139 13.0 9.4 14.2





#73

Di-n-butylphthalate

Concen: 31.117 ng

RT: 18.19 min Scan# 2537

Delta R.T. -0.03 min

Lab File: BG033994.D

Acq: 25 Apr 2018 19:46

Instrument :

BNA_G

ClientSampleId :

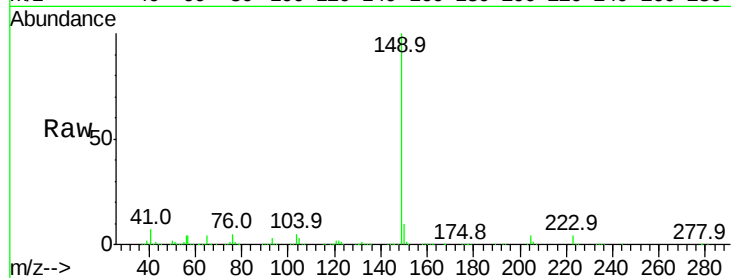
Tot Ion:149 Resp: 1048616

Ion Ratio Lower Upper

149 100

150 10.0 7.8 11.6

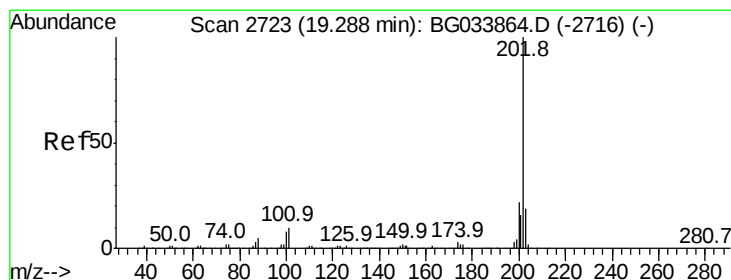
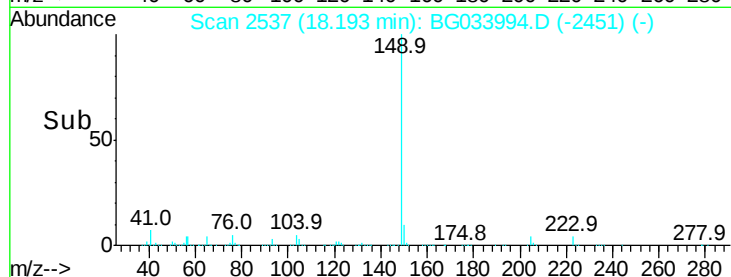
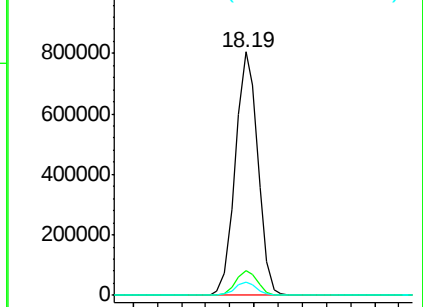
104 5.3 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 34.646 ng

RT: 19.27 min Scan# 2721

Delta R.T. -0.01 min

Lab File: BG033994.D

Acq: 25 Apr 2018 19:46

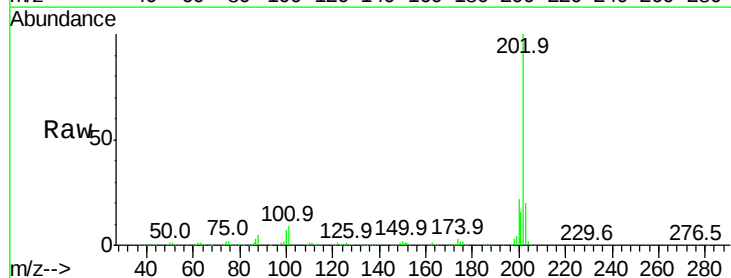
Tgt Ion:202 Resp: 1176707

Ion Ratio Lower Upper

202 100

101 8.6 0.0 28.9

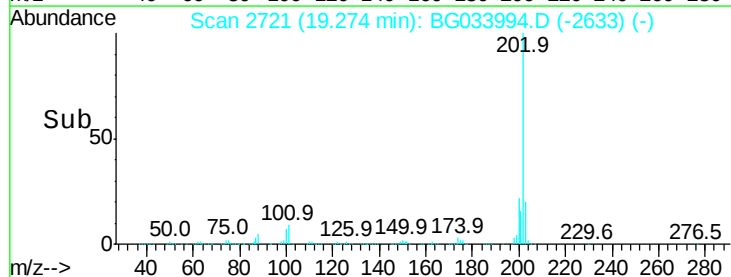
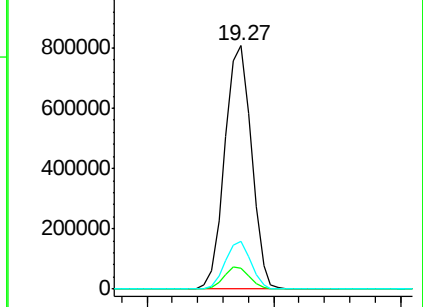
203 19.6 0.0 37.5

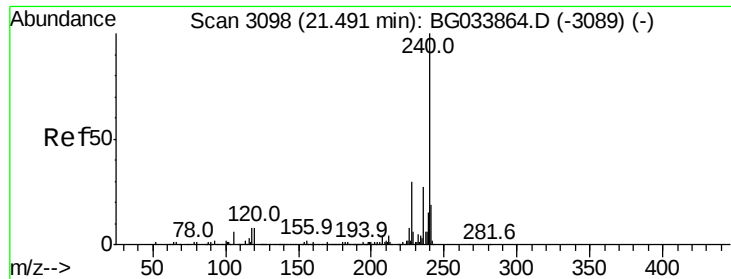


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.47 min Scan# 3095

Delta R.T. -0.02 min

Lab File: BG033994.D

Acq: 25 Apr 2018 19:46

Instrument :

BNA_G

ClientSampled :

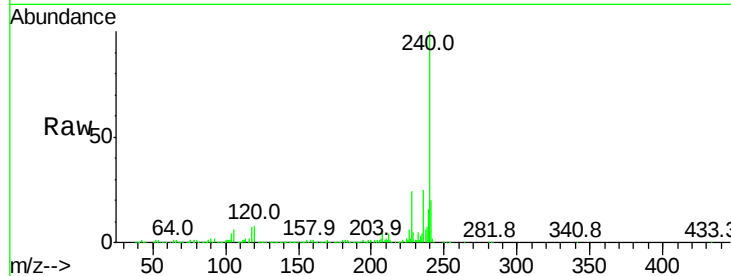
Tot Ion:240 Resp: 559780

Ion Ratio Lower Upper

240 100

120 8.1 6.8 10.2

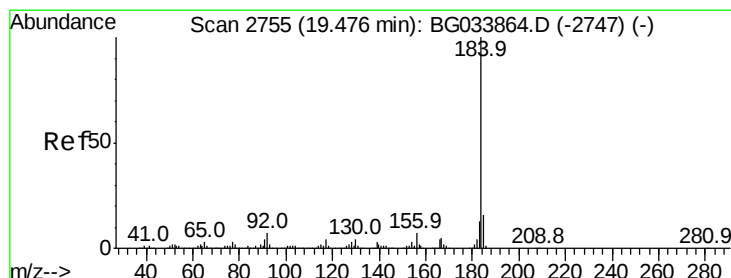
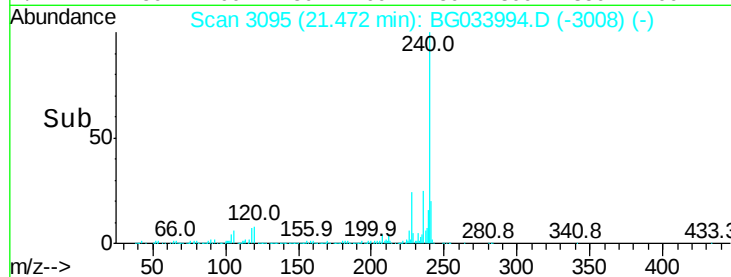
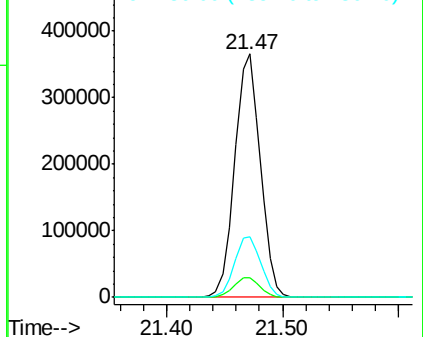
236 25.0 20.9 31.3



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: 37.833 ng

RT: 19.46 min Scan# 2752

Delta R.T. -0.02 min

Lab File: BG033994.D

Acq: 25 Apr 2018 19:46

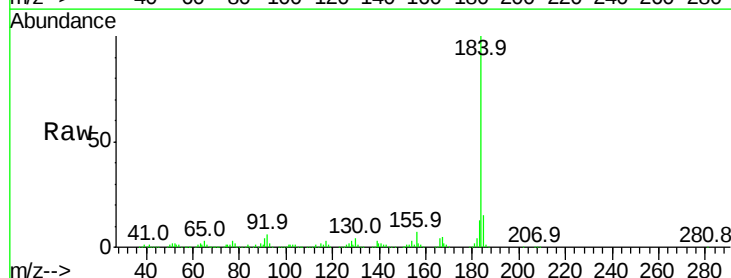
Tgt Ion:184 Resp: 571892

Ion Ratio Lower Upper

184 100

185 15.2 11.1 16.7

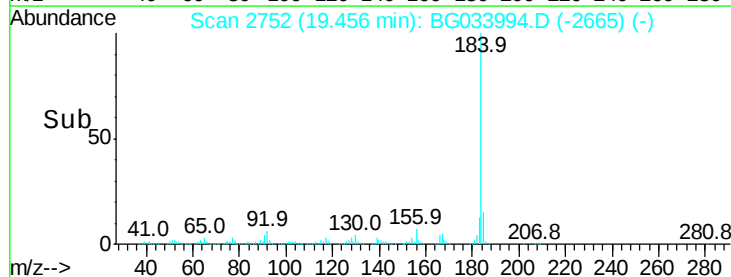
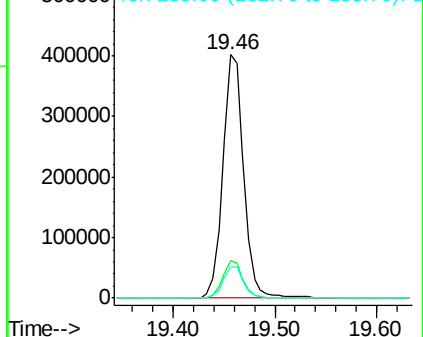
183 12.9 10.6 16.0

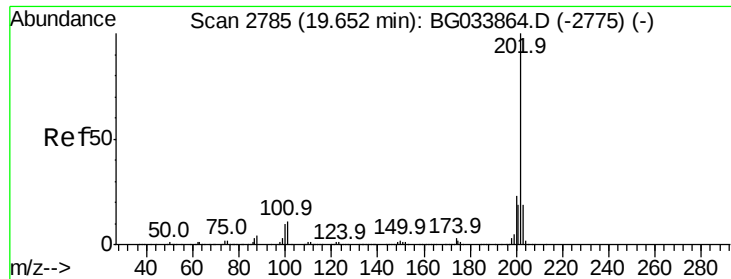


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 31.942 ng

RT: 19.63 min Scan# 2782

Delta R.T. -0.02 min

Lab File: BG033994.D

Acq: 25 Apr 2018 19:46

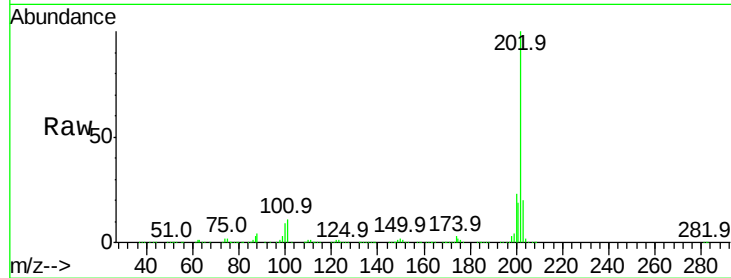
Instrument :

BNA_G

ClientSampleId :

Tot Ion:202 Resp: 1172766

Ion	Ratio	Lower	Upper
202	100		
200	23.1	16.9	25.3
203	20.1	13.9	20.9

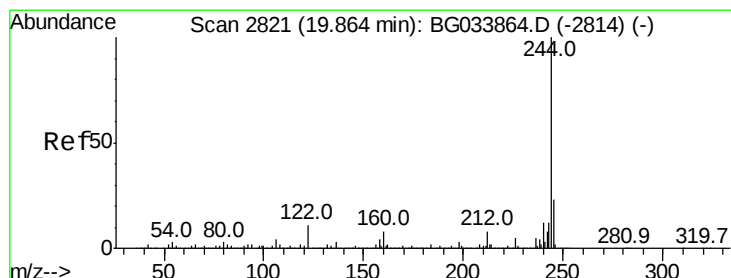
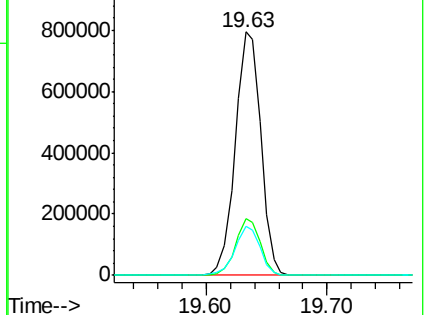
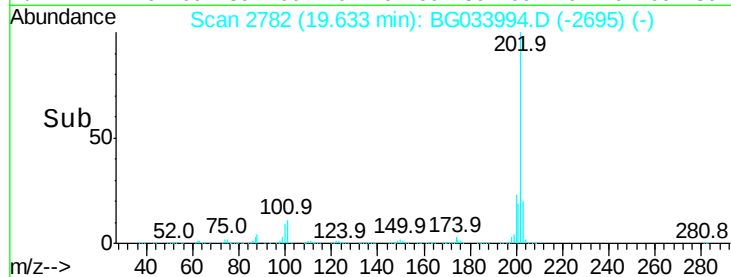


Abundance

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: 70.806 ng

RT: 19.84 min Scan# 2818

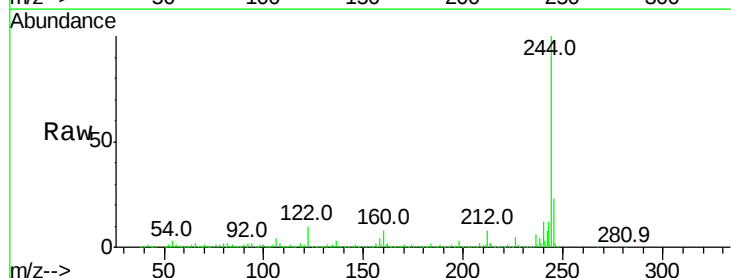
Delta R.T. -0.02 min

Lab File: BG033994.D

Acq: 25 Apr 2018 19:46

Tgt Ion:244 Resp: 1764257

Ion	Ratio	Lower	Upper
244	100		
212	8.2	5.8	8.8
122	9.9	7.0	10.4

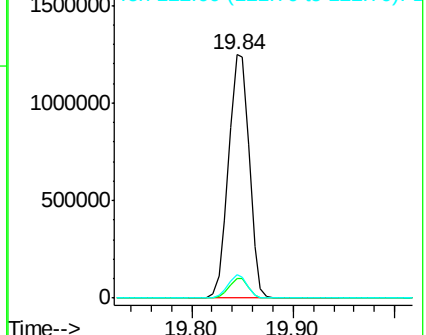
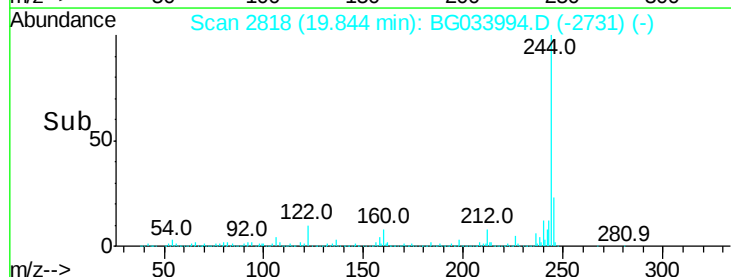


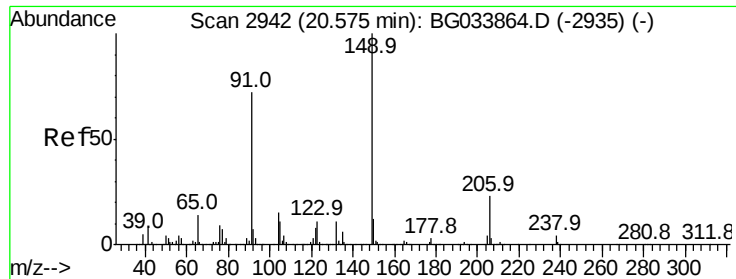
Abundance

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

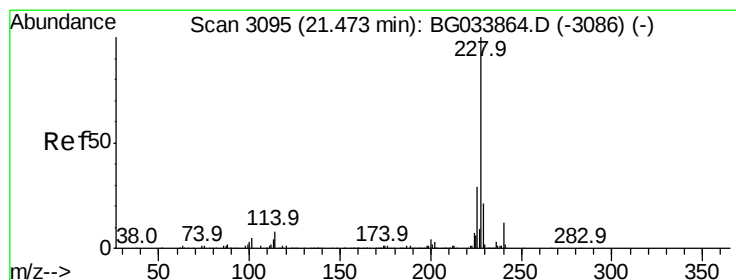
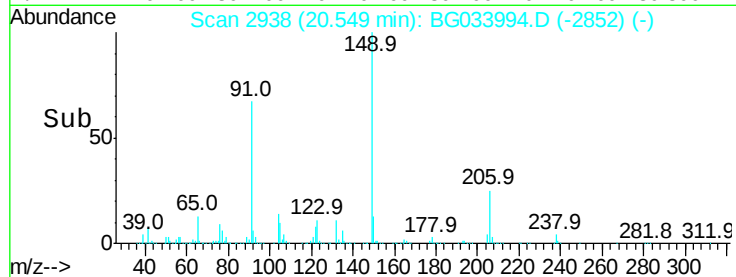
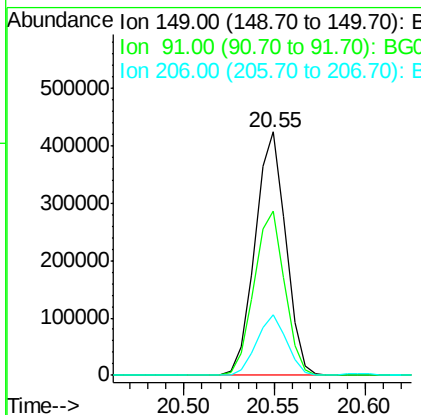
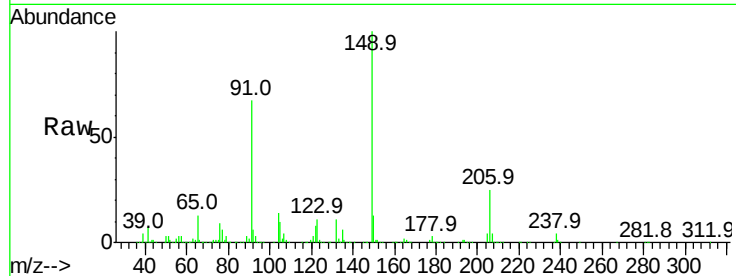




#79
 Butylbenzylphthalate
 Concen: 30.889 ng
 RT: 20.55 min Scan# 2938
 Delta R.T. -0.03 min
 Lab File: BG033994.D
 Acq: 25 Apr 2018 19:46

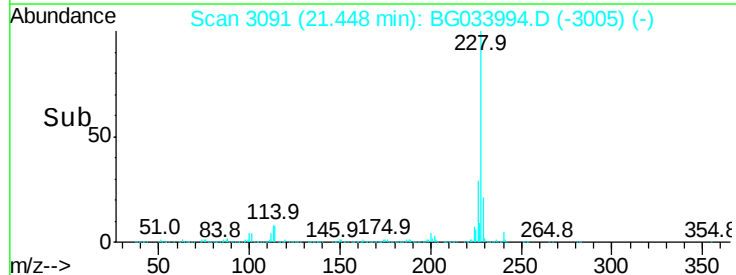
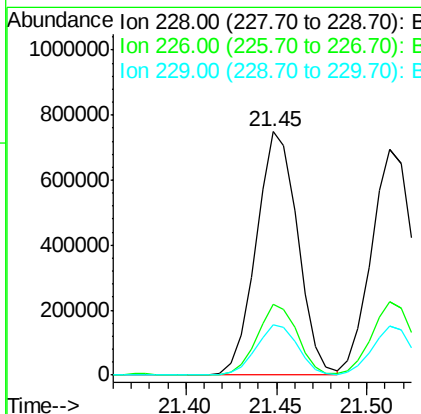
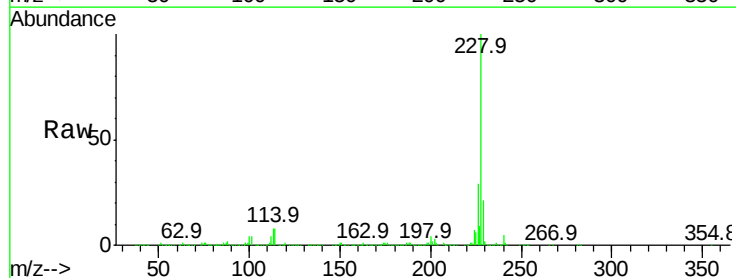
Instrument :
 BNA_G
 ClientSampleId :

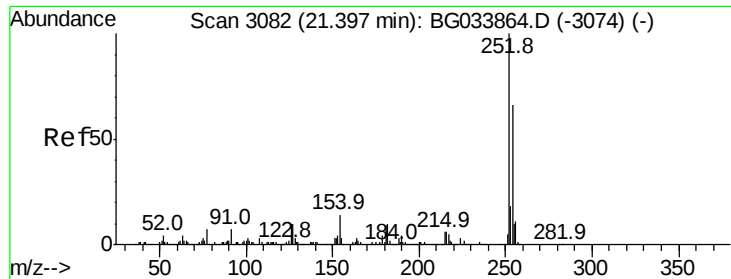
Tot Ion:	149	Resp:	498056
Ion	Ratio	Lower	Upper
149	100		
91	67.4	62.2	93.2
206	24.9	18.6	27.8



#80
 Benzo(a)anthracene
 Concen: 33.710 ng
 RT: 21.45 min Scan# 3091
 Delta R.T. -0.03 min
 Lab File: BG033994.D
 Acq: 25 Apr 2018 19:46

Tgt Ion:	228	Resp:	1189911
Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.7	34.1
229	20.6	16.2	24.2

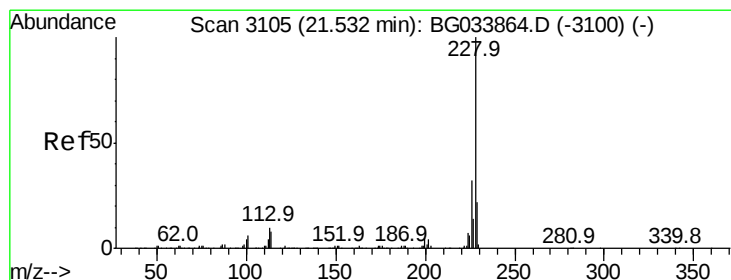
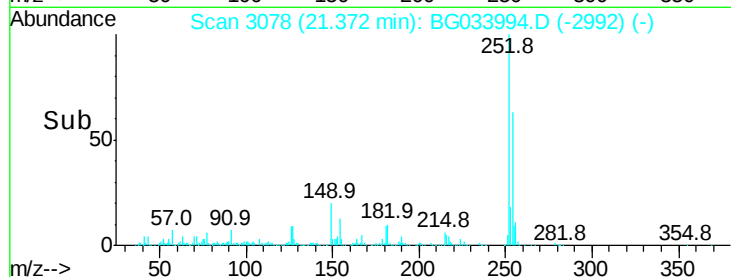
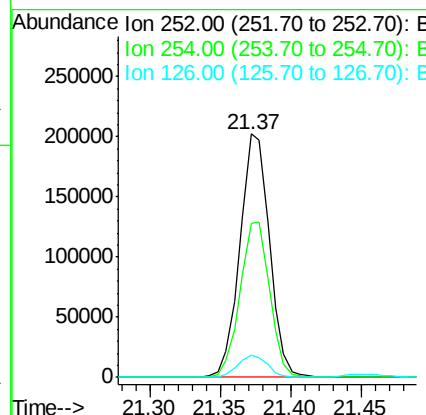
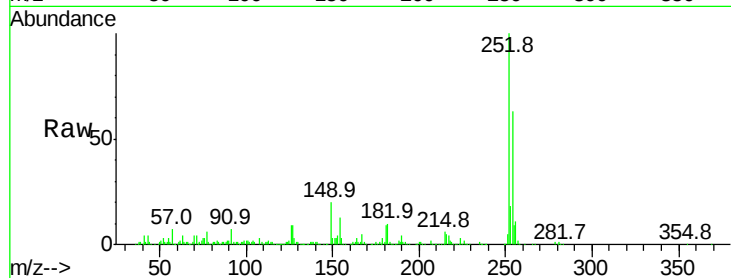




#81
 3,3'-Dichlorobenzidine
 Concen: 22.492 ng
 RT: 21.37 min Scan# 3078
 Delta R.T. -0.03 min
 Lab File: BG033994.D
 Acq: 25 Apr 2018 19:46

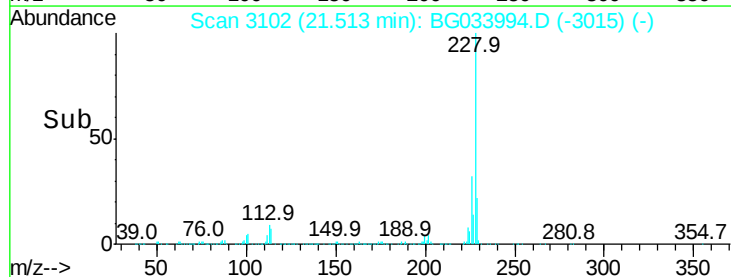
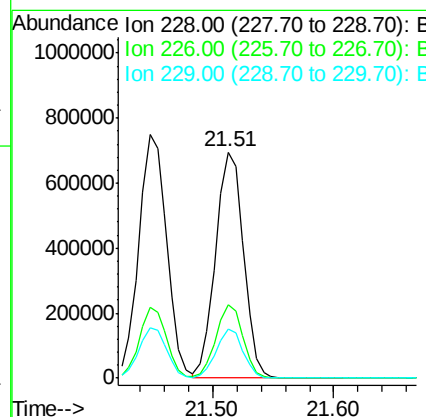
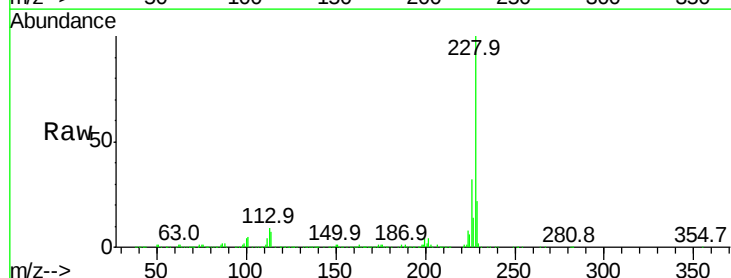
Instrument :
 BNA_G
 ClientSampleId :

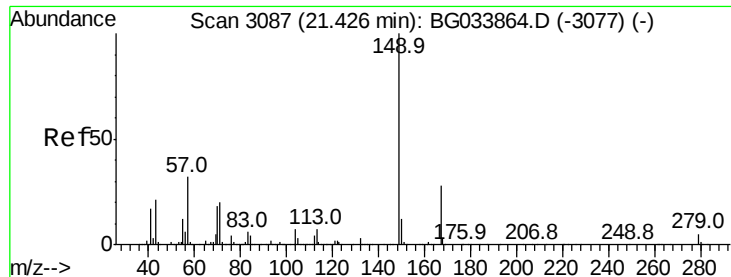
Tot Ion:252 Resp: 296022
 Ion Ratio Lower Upper
 252 100
 254 63.0 50.8 76.2
 126 9.1 7.4 11.2



#82
 Chrysene
 Concen: 32.798 ng
 RT: 21.51 min Scan# 3102
 Delta R.T. -0.02 min
 Lab File: BG033994.D
 Acq: 25 Apr 2018 19:46

Tgt Ion:228 Resp: 1105550
 Ion Ratio Lower Upper
 228 100
 226 32.3 24.9 37.3
 229 21.9 15.0 22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 30.193 ng

RT: 21.39 min Scan# 3081

Delta R.T. -0.04 min

Lab File: BG033994.D

Acq: 25 Apr 2018 19:46

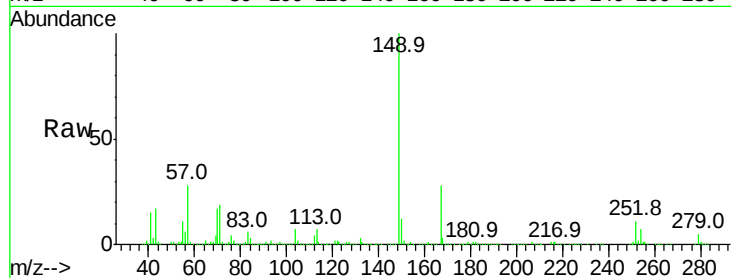
Instrument :

BNA_G

ClientSampleId :

Tot Ion:149 Resp: 687533

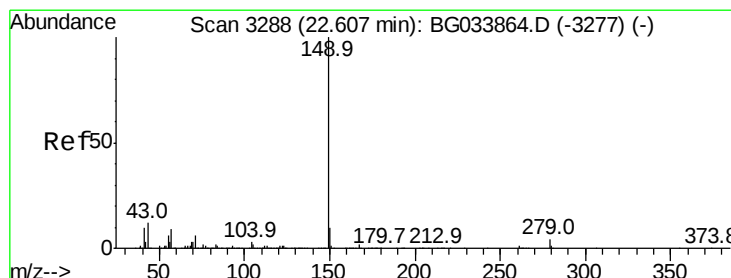
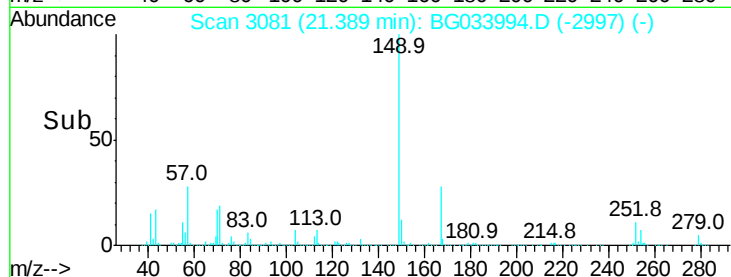
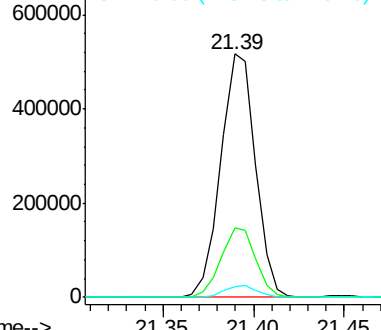
Ion	Ratio	Lower	Upper
149	100		
167	28.5	24.3	36.5
279	4.5	4.0	6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 32.538 ng

RT: 22.56 min Scan# 3280

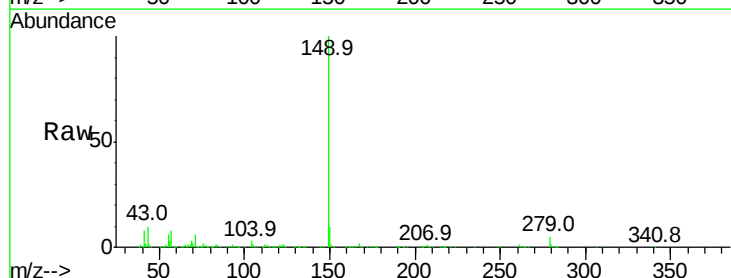
Delta R.T. -0.05 min

Lab File: BG033994.D

Acq: 25 Apr 2018 19:46

Tgt Ion:149 Resp: 1176026

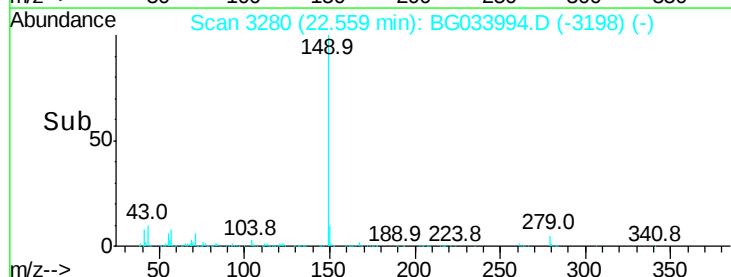
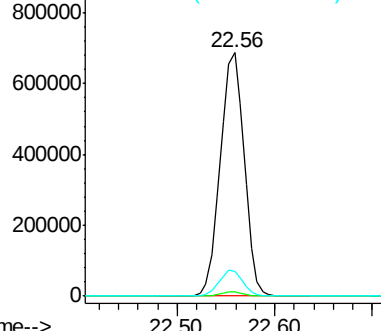
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	10.2	8.9	13.3

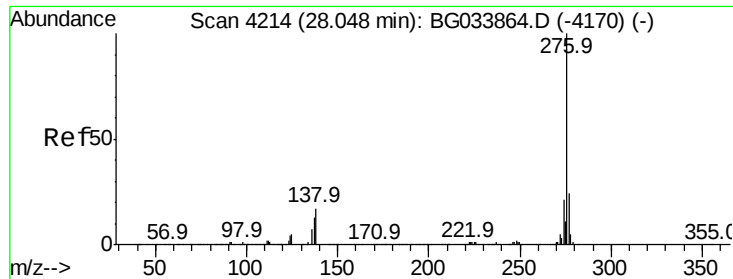


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG



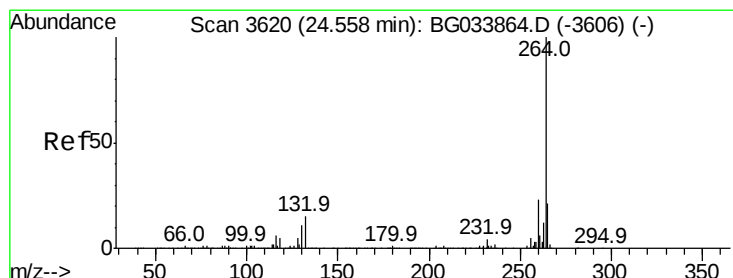
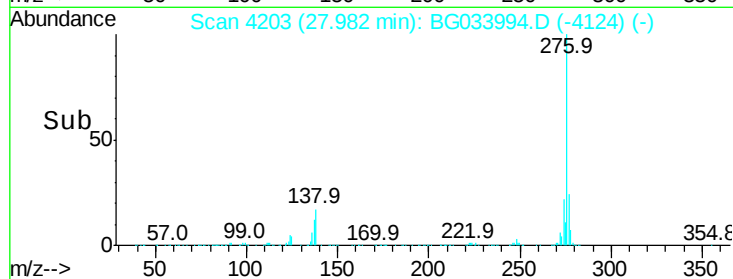
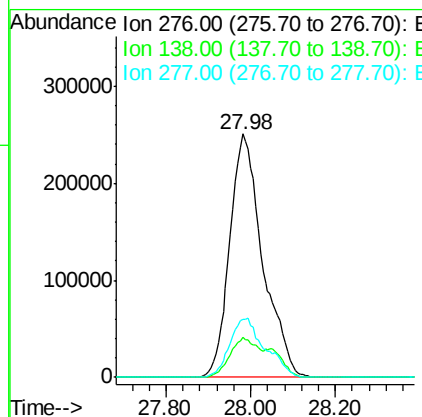
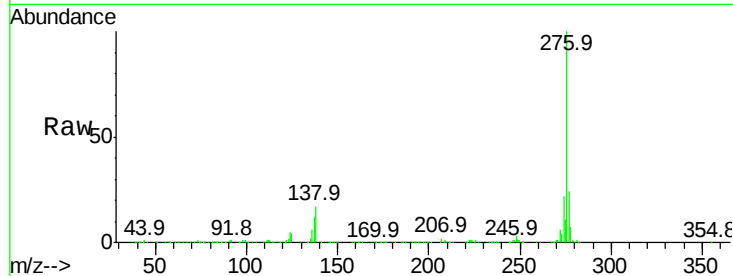


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.213 ng
 RT: 27.98 min Scan# 4203
 Delta R.T. -0.07 min
 Lab File: BG033994.D
 Acq: 25 Apr 2018 19:46

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:276 Resp: 1351086

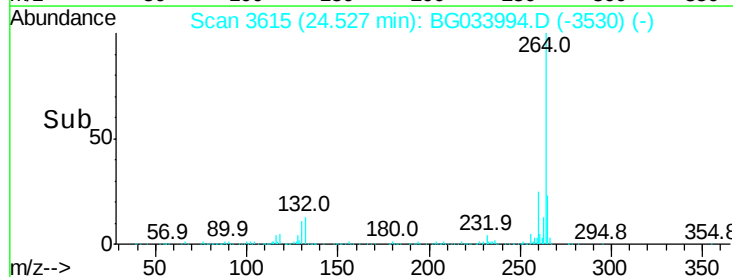
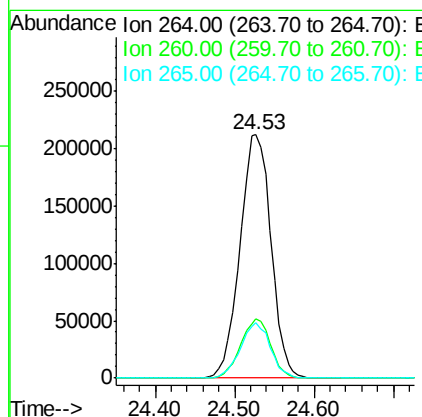
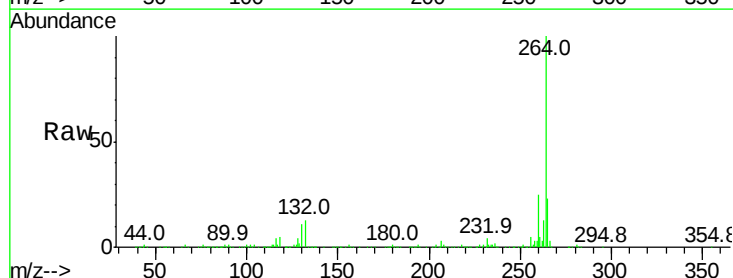
Ion	Ratio	Lower	Upper
276	100		
138	13.9	16.0	24.0#
277	26.0	20.0	30.0

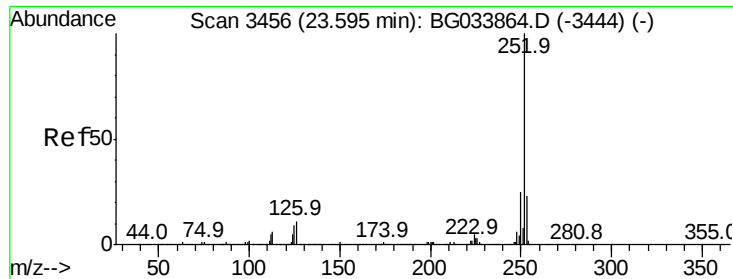


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.53 min Scan# 3615
 Delta R.T. -0.03 min
 Lab File: BG033994.D
 Acq: 25 Apr 2018 19:46

Tgt Ion:264 Resp: 576473

Ion	Ratio	Lower	Upper
264	100		
260	24.6	17.4	26.0
265	22.8	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 34.002 ng

RT: 23.56 min Scan# 3451

Delta R.T. -0.03 min

Lab File: BG033994.D

Acq: 25 Apr 2018 19:46

Instrument :

BNA_G

ClientSampleId :

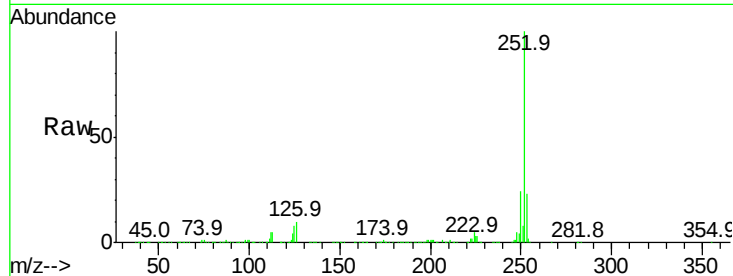
Tot Ion:252 Resp: 1195776

Ion Ratio Lower Upper

252 100

253 23.0 18.2 27.4

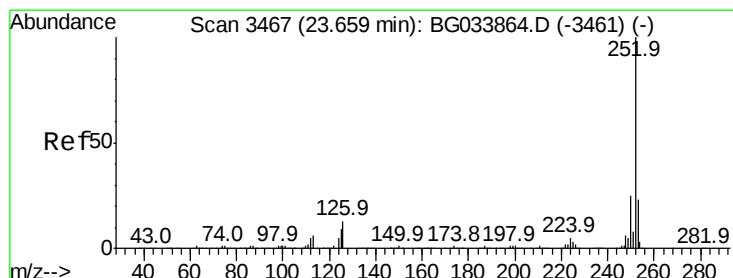
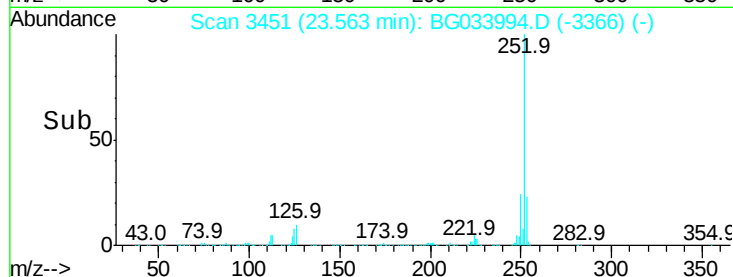
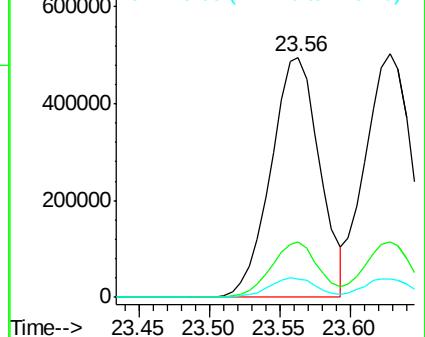
125 7.7 7.2 10.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 33.069 ng

RT: 23.63 min Scan# 3462

Delta R.T. -0.03 min

Lab File: BG033994.D

Acq: 25 Apr 2018 19:46

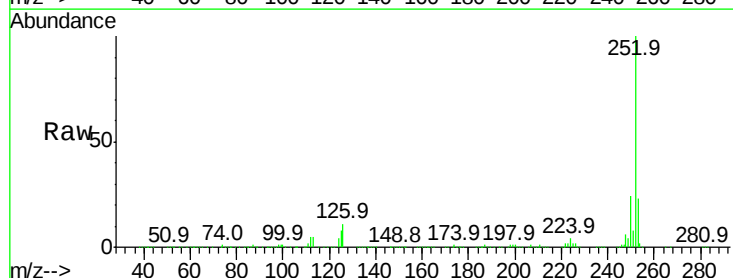
Tgt Ion:252 Resp: 1155209

Ion Ratio Lower Upper

252 100

253 22.7 17.4 26.2

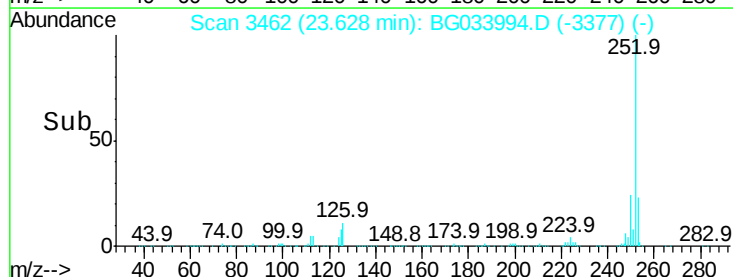
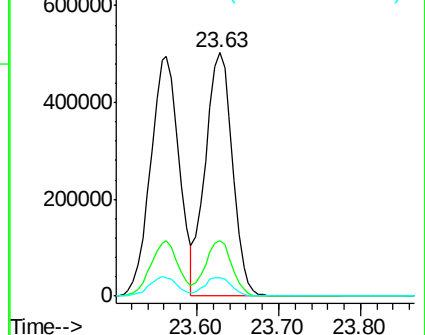
125 7.6 6.6 9.8

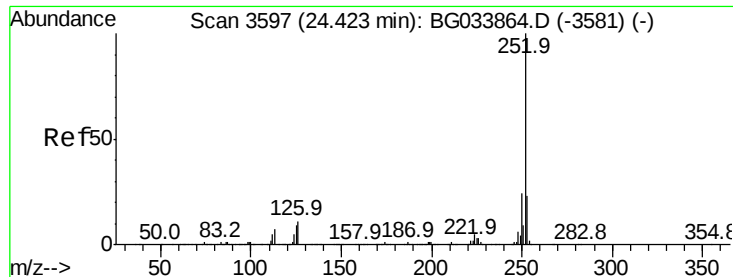


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

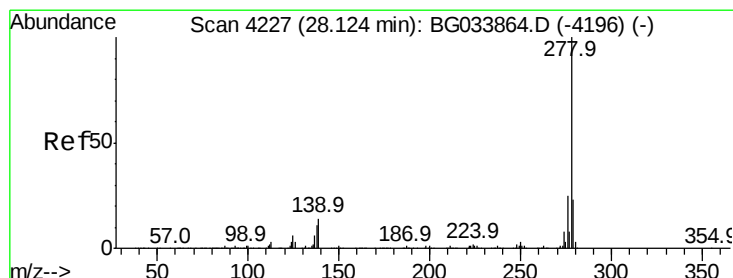
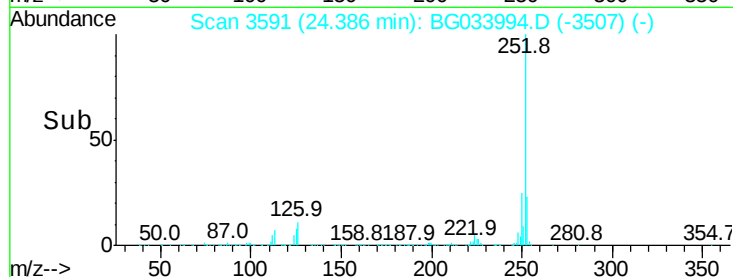
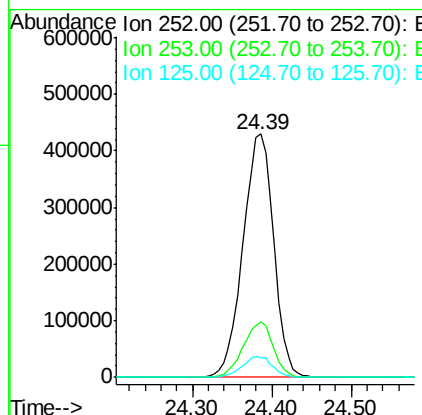
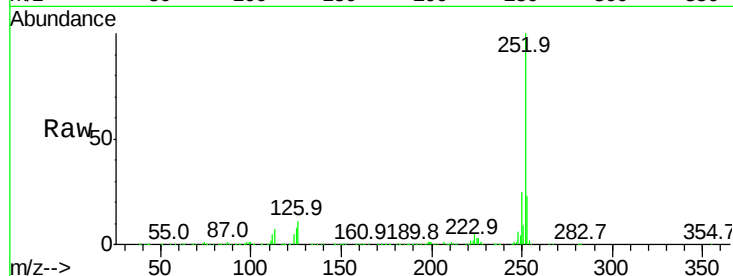




#89
Benzo(a)pyrene
Concen: 34.390 ng
RT: 24.39 min Scan# 3591
Delta R.T. -0.04 min
Lab File: BG033994.D
Acq: 25 Apr 2018 19:46

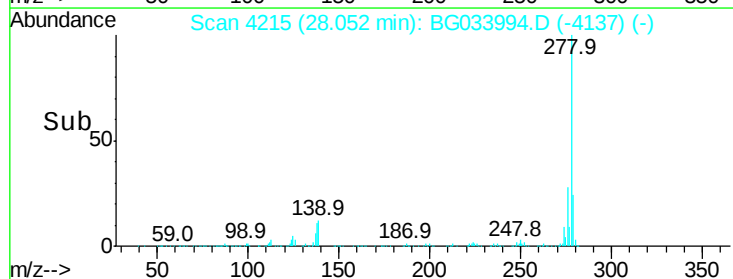
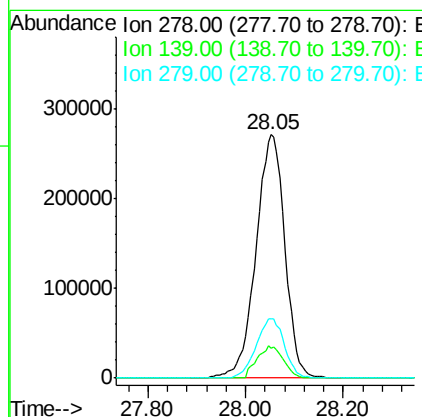
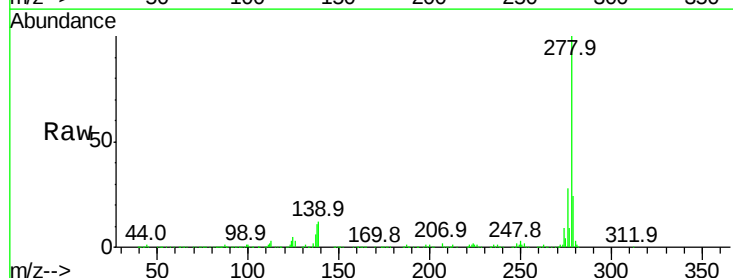
Instrument :
BNA_G
ClientSampled :

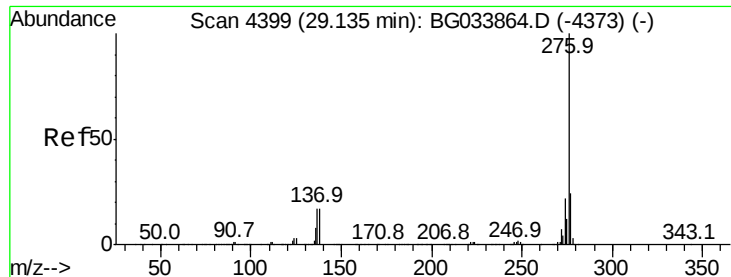
Tot Ion:252 Resp: 1158298
Ion Ratio Lower Upper
252 100
253 22.7 18.3 27.5
125 8.1 7.3 10.9



#90
Dibenzo(a,h)anthracene
Concen: 34.436 ng
RT: 28.05 min Scan# 4215
Delta R.T. -0.07 min
Lab File: BG033994.D
Acq: 25 Apr 2018 19:46

Tgt Ion:278 Resp: 1122267
Ion Ratio Lower Upper
278 100
139 12.5 9.8 14.6
279 24.3 18.4 27.6





#91

Benzo(a,h,i)perylene

Concen: 34.848 ng

RT: 29.07 min Scan# 4388

Delta R.T. -0.07 min

Lab File: BG033994.D

Acq: 25 Apr 2018 19:46

Instrument :

BNA_G

ClientSampleId :

Tot Ion:276 Resp: 1117509

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.3	27.5
138	17.4	13.9	20.9

