

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040918\
 Data File : BG033704.D
 Acq On : 10 Apr 2018 7:03
 Operator : SJ/JU
 Sample : PB108088BS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 10 08:12:46 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 05 17:36:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	39869	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	164339	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	119604	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	307318	20.00	ng	0.00
75) Chrysene-d12	22.55	240	319440	20.00	ng	0.00
86) Perylene-d12	26.31	264	342880	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	6.28	112	379973	178.71	ng	0.00
7) Phenol-d6	7.97	99	562125	153.87	ng	0.00
23) Nitrobenzene-d5	10.06	82	358654	100.27	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	252001	140.88	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	816400	98.54	ng	0.00
78) Terphenyl-d14	20.73	244	1484616	99.39	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.92	88	50262	46.549	ng	# 85
3) Pyridine	4.38	79	131681	44.116	ng	95
4) n-Nitrosodimethylamine	4.29	42	66932	54.641	ng	# 77
6) Aniline	8.16	93	41570	9.676	ng	96
8) 2-Chlorophenol	8.41	128	126565	52.069	ng	91
9) Benzaldehyde	7.97	77	35043	15.094	ng	87
10) Phenol	8.00	94	191303	53.038	ng	91
11) bis(2-Chloroethyl)ether	8.24	93	117175	39.800	ng	98
12) 1,3-Dichlorobenzene	8.74	146	137588	43.295	ng	# 93
13) 1,4-Dichlorobenzene	8.89	146	129379	40.652	ng	99
14) 1,2-Dichlorobenzene	9.22	146	137901	44.395	ng	96
15) Benzyl Alcohol	9.09	79	138618	48.193	ng	89
16) 2,2'-oxybis(1-Chloropropan	9.38	45	223932	46.658	ng	88
17) 2-Methylphenol	9.30	107	114744	46.698	ng	# 88
18) Hexachloroethane	9.97	117	54587	44.439	ng	97
19) n-Nitroso-di-n-propylamine	9.66	70	119444	44.619	ng	97
20) 3+4-Methylphenols	9.63	107	161971	46.298	ng	92
22) Acetophenone	9.70	105	207216	46.024	ng	# 98
24) Nitrobenzene	10.10	77	179762	46.952	ng	92
25) Isophorone	10.61	82	337058	48.551	ng	99
26) 2-Nitrophenol	10.83	139	71440	49.286	ng	# 90
27) 2,4-Dimethylphenol	10.86	122	125212	59.464	ng	84
28) bis(2-Chloroethoxy)methane	11.10	93	173303	50.032	ng	94
29) 2,4-Dichlorophenol	11.37	162	139238	53.768	ng	99
30) 1,2,4-Trichlorobenzene	11.59	180	144108	42.832	ng	93
31) Naphthalene	11.79	128	405292	47.591	ng	97
32) Benzoic acid	10.99	122	37652	19.235	ng	# 85
33) 4-Chloroaniline	11.90	127	28560	7.485	ng	# 90
34) Hexachlorobutadiene	12.05	225	106502	41.859	ng	93
35) Caprolactam	12.64	113	50859	50.132	ng	97
36) 4-Chloro-3-methylphenol	12.96	107	164141	48.598	ng	93
37) 2-Methylnaphthalene	13.34	142	298635	45.180	ng	89
39) 1,2,4,5-Tetrachlorobenzene	13.70	216	192478	44.428	ng	98
40) Hexachlorocyclopentadiene	13.67	237	218056	85.857	ng	94

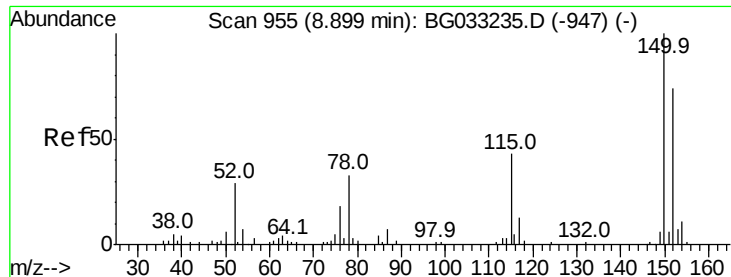
Data Path : Z:\HPCHEM1\BNA G\DATA\BG040918\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.92	196	124169	49.330	nq	95
43) 2,4,5-Trichlorophenol	14.00	196	139449	46.870	nq	97
45) 1,1'-Biphenyl	14.32	154	422376	45.966	nq	95
46) 2-Chloronaphthalene	14.38	162	320288	45.206	nq	97
47) 2-Nitroaniline	14.56	65	132788	50.038	nq	90
48) Acenaphthylene	15.21	152	527252	44.583	nq	98
49) Dimethylphthalate	14.90	163	466587	44.826	nq	99
50) 2,6-Dinitrotoluene	15.03	165	101640	47.756	nq	89
51) Acenaphthene	15.54	154	347341	45.560	nq	96
52) 3-Nitroaniline	15.38	138	31701	14.207	nq	# 97
53) 2,4-Dinitrophenol	15.57	184	47674	46.765	nq	# 84
54) Dibenzofuran	15.87	168	525225	46.640	nq	93
55) 4-Nitrophenol	15.66	139	156822	99.950	nq	# 82
56) 2,4-Dinitrotoluene	15.81	165	150267	47.952	nq	95
57) Fluorene	16.51	166	435139	45.356	nq	98
58) 2,3,4,6-Tetrachlorophenol	16.09	232	137977	49.261	nq	98
59) Diethylphthalate	16.24	149	460584	45.570	nq	97
60) 4-Chlorophenyl-phenylether	16.48	204	241297	43.753	nq	97
61) 4-Nitroaniline	16.53	138	88916	39.351	nq	86
62) Azobenzene	16.78	77	469289	47.932	nq	99
64) 4,6-Dinitro-2-methylphenol	16.57	198	60711	33.023	nq	94
65) n-Nitrosodiphenylamine	16.70	169	405019	46.164	nq	95
66) 4-Bromophenyl-phenylether	17.38	248	161007	44.611	nq	# 93
67) Hexachlorobenzene	17.51	284	164578	43.208	nq	95
68) Atrazine	17.62	200	172157	48.424	nq	97
69) Pentachlorophenol	17.85	266	182003	69.618	nq	97
70) Phenanthrene	18.25	178	730056	45.614	nq	99
71) Anthracene	18.34	178	772233	47.652	nq	100
72) Carbazole	18.60	167	671409	46.754	nq	98
73) Di-n-butylphthalate	19.09	149	814270	48.715	nq	# 98
74) Fluoranthene	20.20	202	934004	47.157	nq	97
76) Benzidine	20.36	184	225640	26.047	nq	99
77) Pyrene	20.56	202	941003	44.169	nq	99
79) Butylbenzylphthalate	21.41	149	377197	47.978	nq	94
80) Benzo(a)anthracene	22.53	228	928274	45.637	nq	99
81) 3,3'-Dichlorobenzidine	22.42	252	103766	14.336	nq	# 94
82) Chrysene	22.61	228	893972	45.403	nq	98
83) Bis(2-ethylhexyl)phthalate	22.35	149	527716	48.693	nq	98
84) Di-n-octyl phthalate	23.73	149	909466	54.807	nq	100
85) Indeno(1,2,3-cd)pyrene	30.67	276	1056617	49.634	nq	# 87
87) Benzo(b)fluoranthene	25.10	252	909333	45.903	nq	# 98
88) Benzo(k)fluoranthene	25.10	252	909333	45.386	nq	98
89) Benzo(a)pyrene	26.13	252	912447	47.963	nq	97
90) Dibenzo(a,h)anthracene	30.76	278	880128	49.115	nq	# 96
91) Benzo(g,h,i)perylene	32.06	276	874085	49.258	nq	# 96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.86 min Scan# 948

Delta R.T. -0.01 min

Lab File: BG033704.D

Acq: 10 Apr 2018 7:03

Instrument :

BNA_G

ClientSampleId :

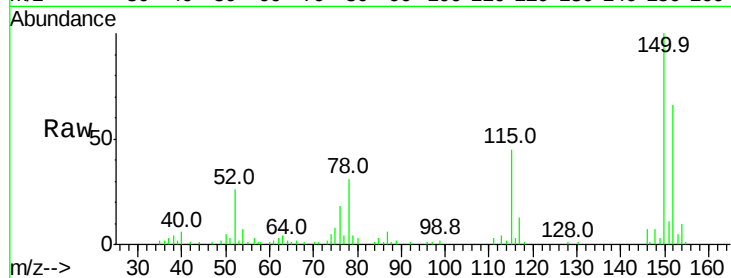
Tot Ion:152 Resp: 39869

Ion Ratio Lower Upper

152 100

150 152.3 126.6 189.8

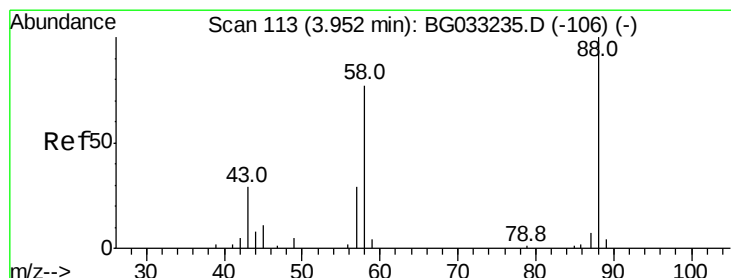
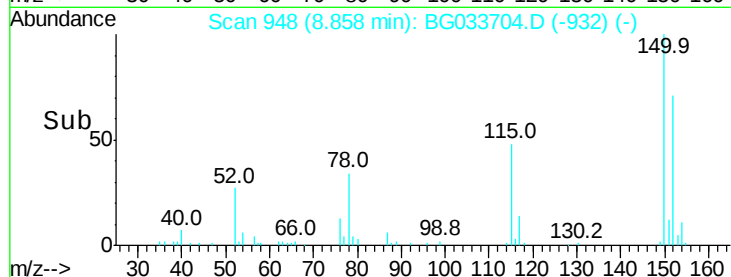
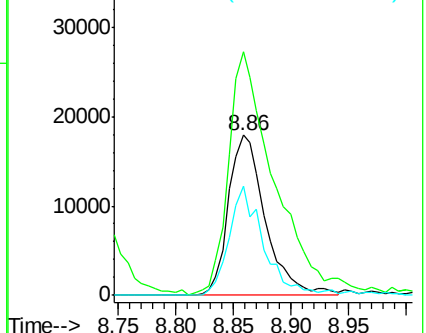
115 68.4 53.0 79.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 46.549 ng

RT: 3.92 min Scan# 107

Delta R.T. -0.01 min

Lab File: BG033704.D

Acq: 10 Apr 2018 7:03

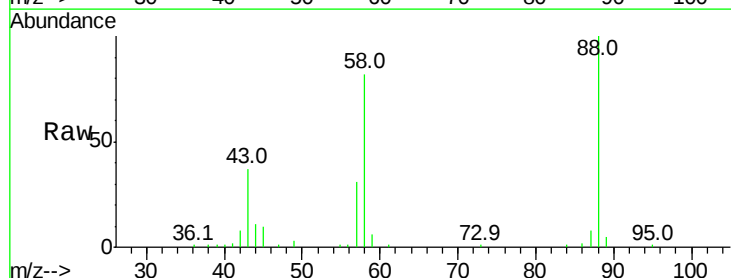
Tgt Ion: 88 Resp: 50262

Ion Ratio Lower Upper

88 100

58 84.0 79.6 119.4

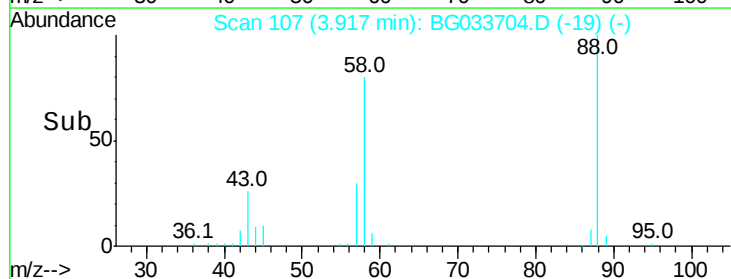
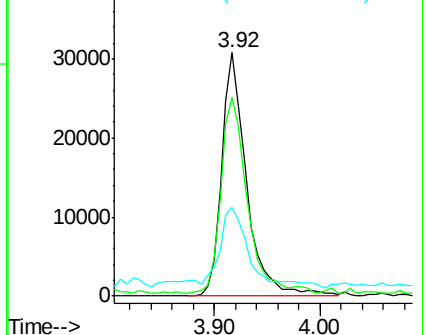
43 42.9 27.4 41.0#

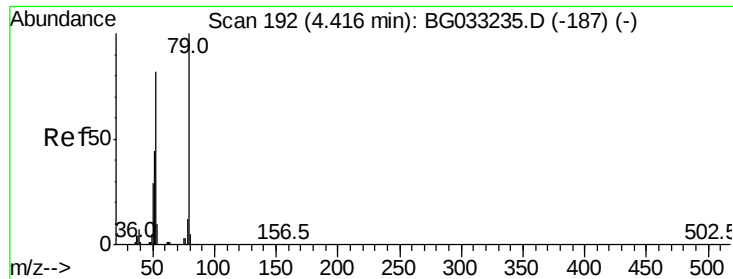


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 44.116 ng

RT: 4.38 min Scan# 186

Delta R.T. -0.01 min

Lab File: BG033704.D

Acq: 10 Apr 2018 7:03

Instrument :

BNA_G

ClientSampleId :

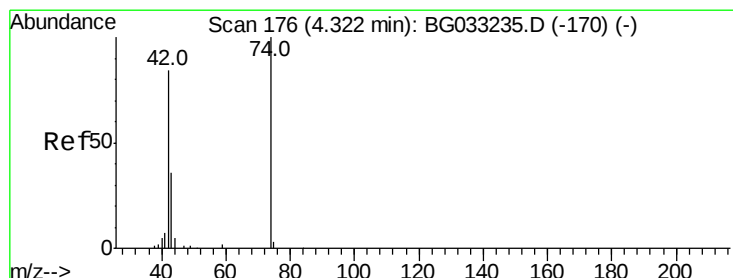
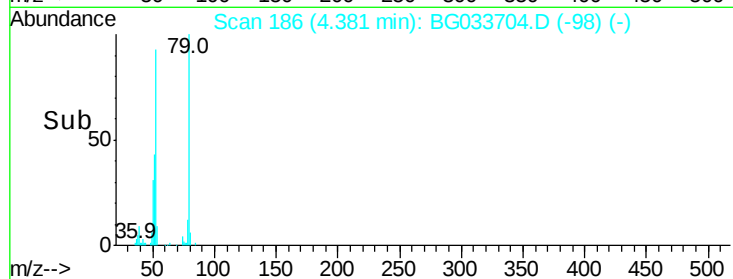
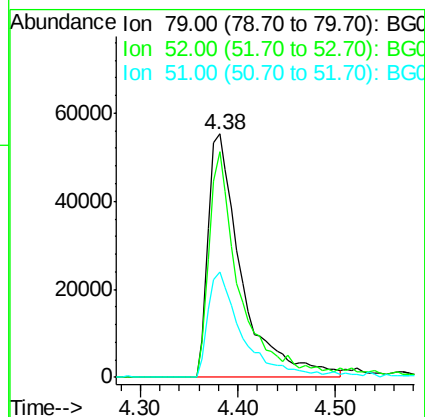
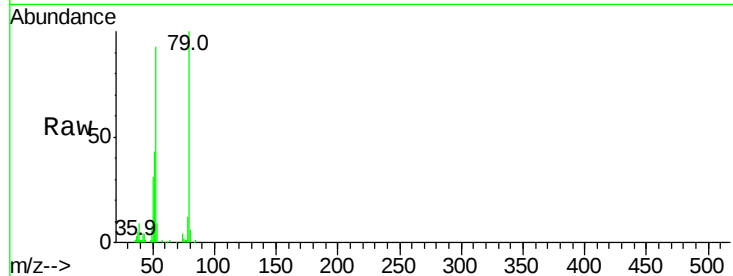
Tot Ion: 79 Resp: 131681

Ion Ratio Lower Upper

79 100

52 92.9 69.9 104.9

51 43.5 34.0 51.0



#4

n-Nitrosodimethylamine

Concen: 54.641 ng

RT: 4.29 min Scan# 170

Delta R.T. -0.01 min

Lab File: BG033704.D

Acq: 10 Apr 2018 7:03

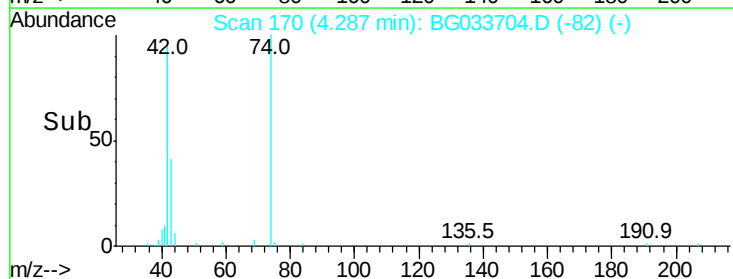
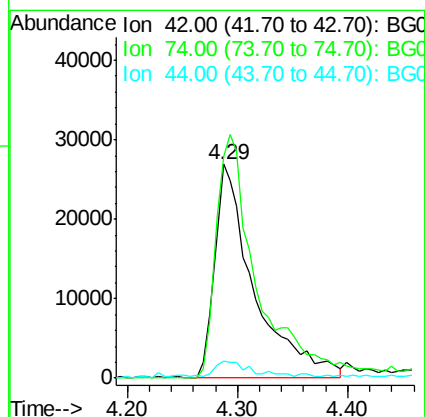
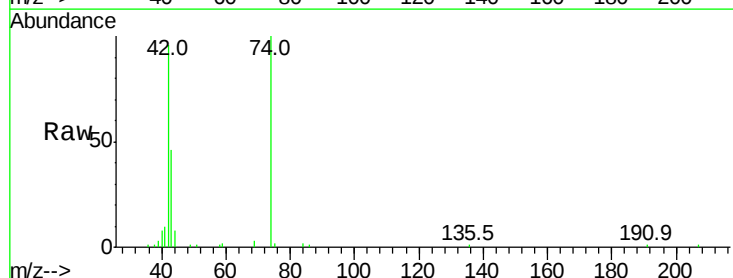
Tgt Ion: 42 Resp: 66932

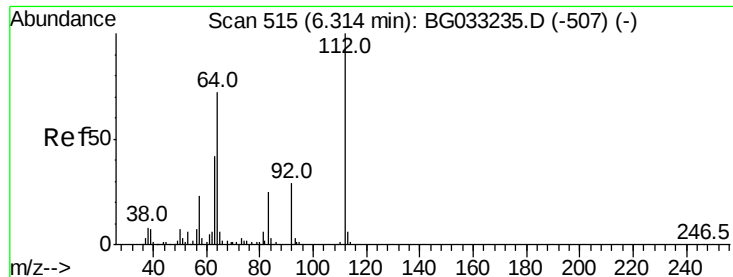
Ion Ratio Lower Upper

42 100

74 103.8 102.5 153.7

44 7.9 18.9 28.3#





#5

2-Fluorophenol

Concen: 178.709 ng

RT: 6.28 min Scan# 510

Delta R.T. -0.01 min

Lab File: BG033704.D

Acq: 10 Apr 2018 7:03

Instrument :

BNA_G

ClientSampleId :

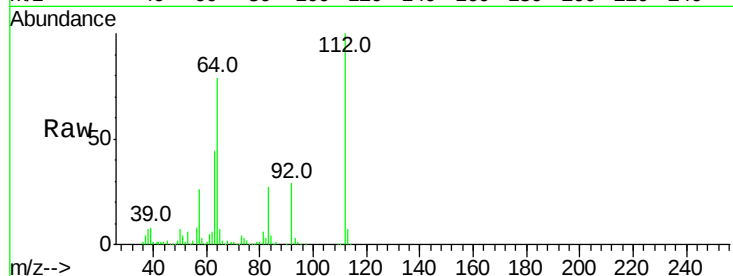
Tot Ion:112 Resp: 379973

Ion Ratio Lower Upper

112 100

64 78.9 56.3 84.5

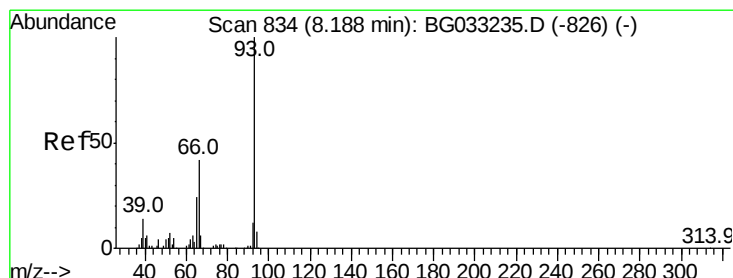
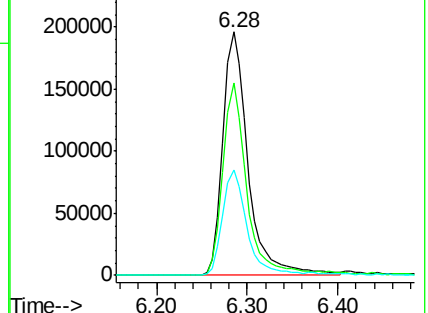
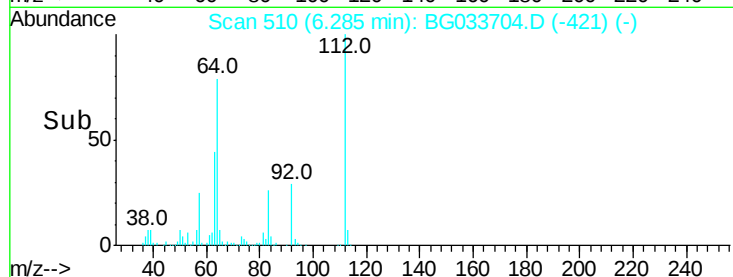
63 43.5 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 9.676 ng

RT: 8.16 min Scan# 829

Delta R.T. 0.00 min

Lab File: BG033704.D

Acq: 10 Apr 2018 7:03

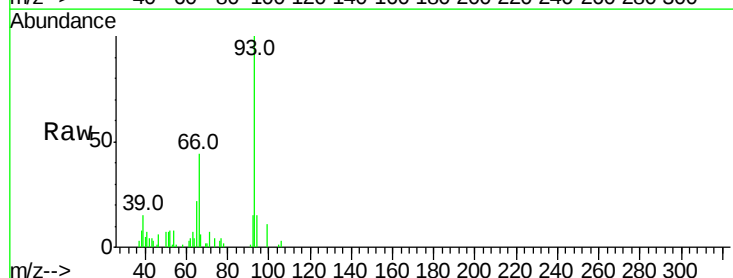
Tgt Ion: 93 Resp: 41570

Ion Ratio Lower Upper

93 100

66 44.0 33.7 50.5

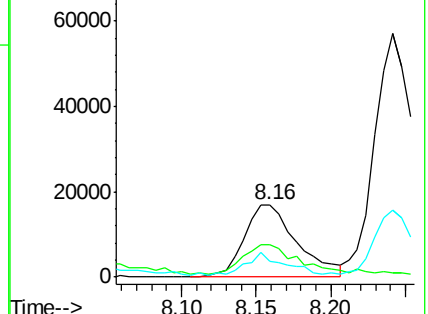
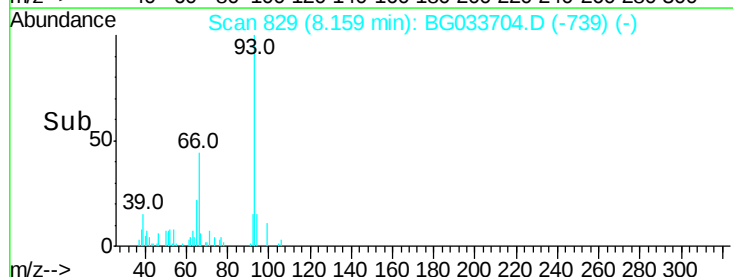
65 22.4 16.1 24.1

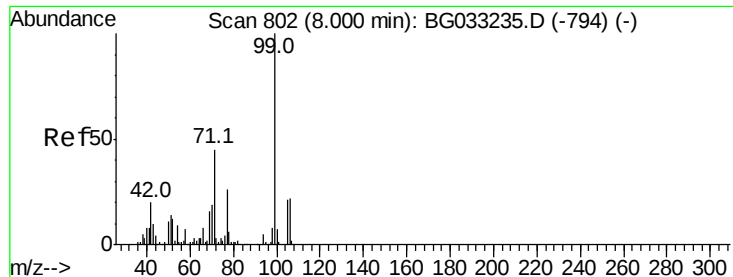


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 153.869 ng

RT: 7.97 min Scan# 797

Delta R.T. 0.00 min

Lab File: BG033704.D

Acq: 10 Apr 2018 7:03

Instrument :

BNA_G

ClientSampleId :

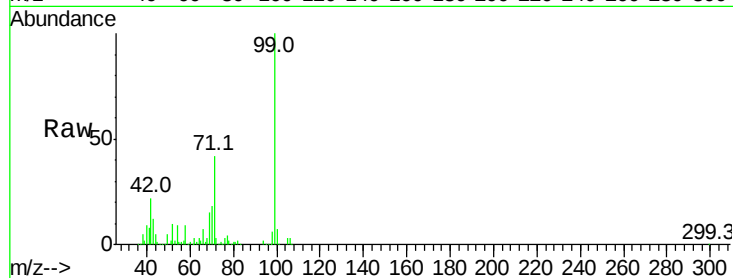
Tot Ion: 99 Resp: 562125

Ion Ratio Lower Upper

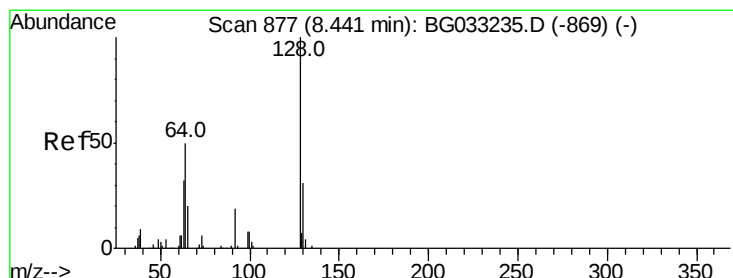
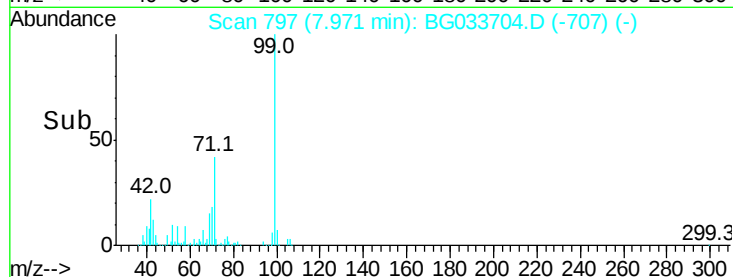
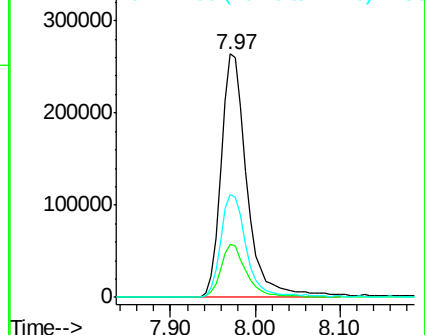
99 100

42 22.0 14.1 21.1#

71 42.4 26.1 39.1#



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



#8

2-Chlorophenol

Concen: 52.069 ng

RT: 8.41 min Scan# 871

Delta R.T. -0.01 min

Lab File: BG033704.D

Acq: 10 Apr 2018 7:03

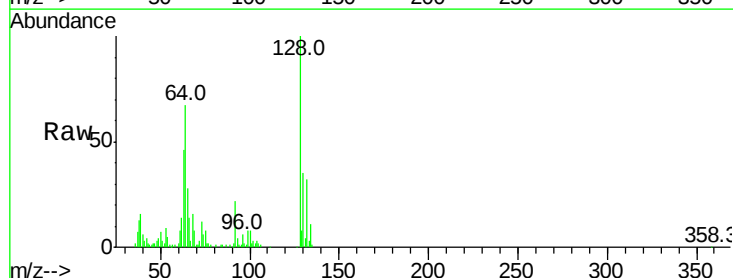
Tgt Ion: 128 Resp: 126565

Ion Ratio Lower Upper

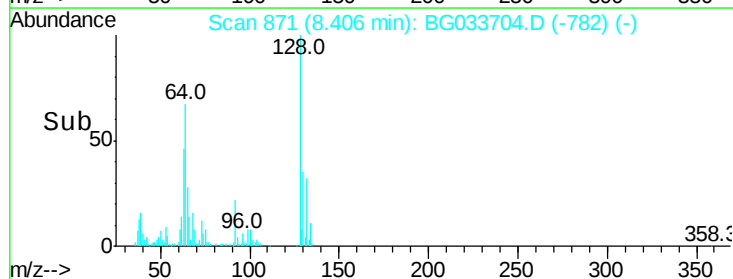
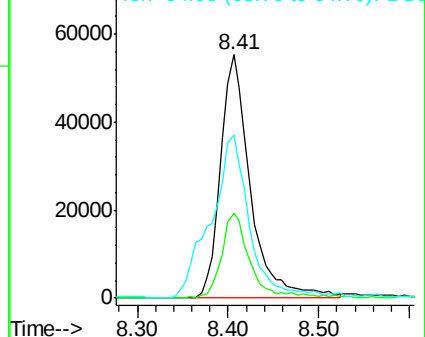
128 100

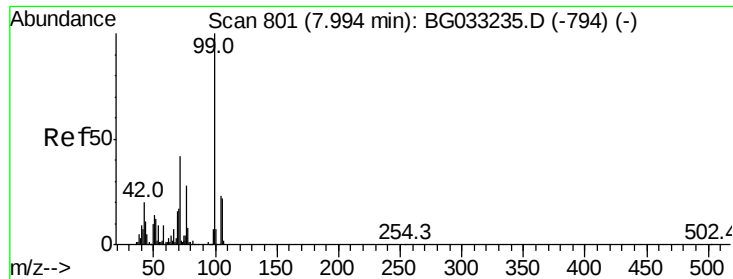
130 34.9 14.0 54.0

64 67.0 37.7 77.7



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 15.094 ng

RT: 7.97 min Scan# 796

Delta R.T. 0.00 min

Lab File: BG033704.D

Acq: 10 Apr 2018 7:03

Instrument :

BNA_G

ClientSampled :

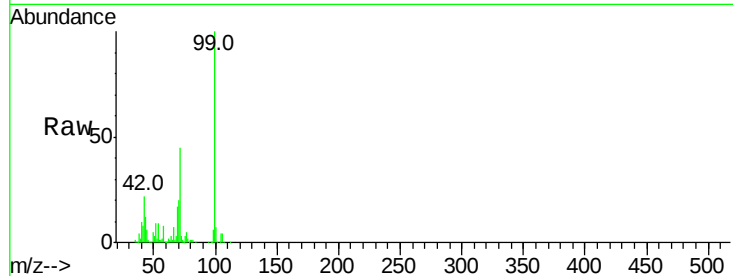
Tot Ion: 77 Resp: 35043

Ion Ratio Lower Upper

77 100

105 80.8 71.3 111.3

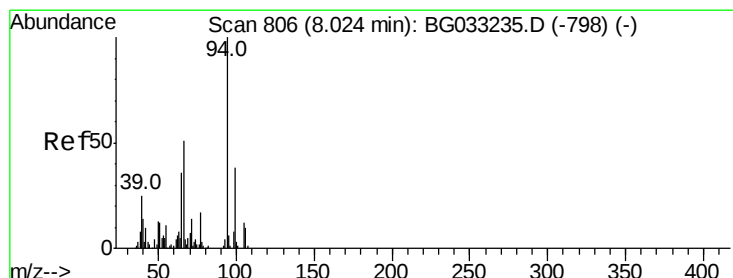
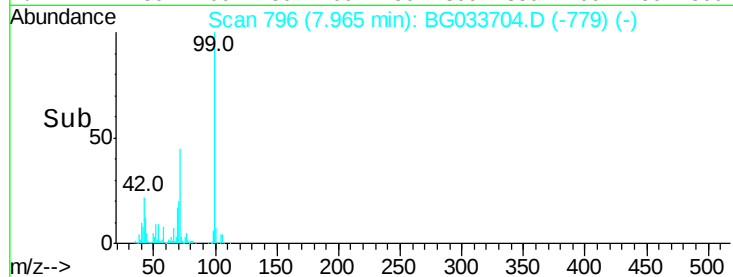
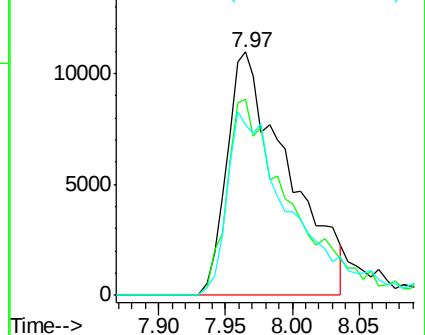
106 69.9 64.2 104.2



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 53.038 ng

RT: 8.00 min Scan# 802

Delta R.T. -0.01 min

Lab File: BG033704.D

Acq: 10 Apr 2018 7:03

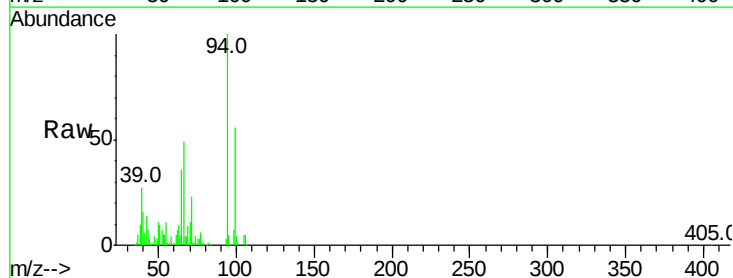
Tgt Ion: 94 Resp: 191303

Ion Ratio Lower Upper

94 100

65 35.6 11.9 51.9

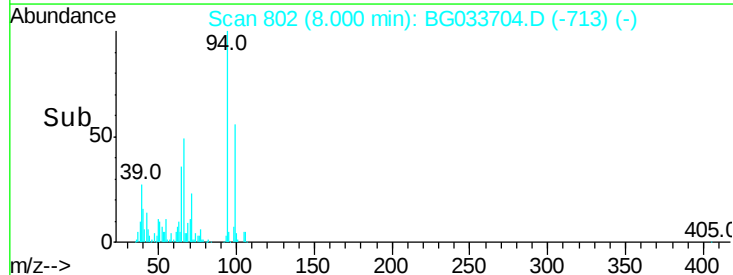
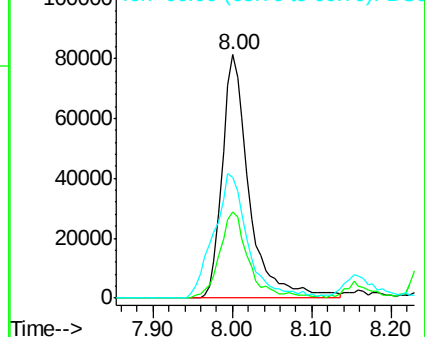
66 49.4 22.2 62.2

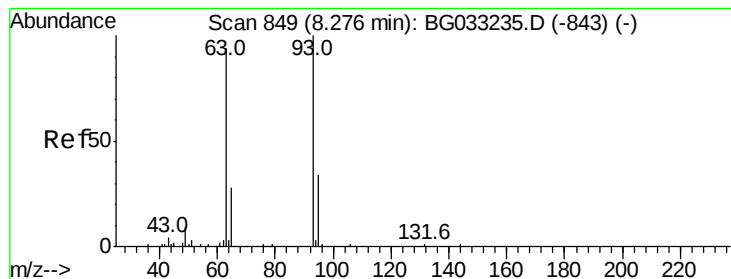


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 39.800 ng

RT: 8.24 min Scan# 843

Delta R.T. -0.01 min

Lab File: BG033704.D

Acq: 10 Apr 2018 7:03

Instrument :

BNA_G

ClientSampleId :

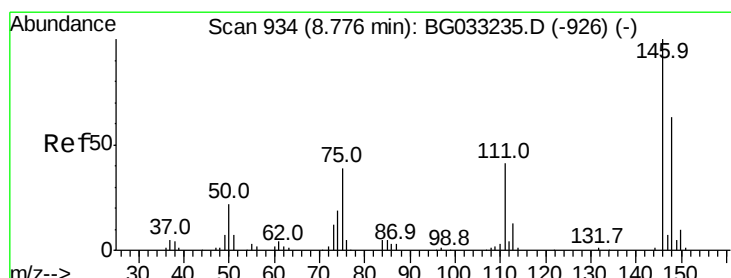
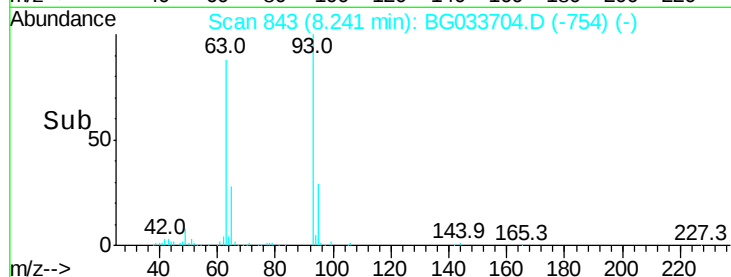
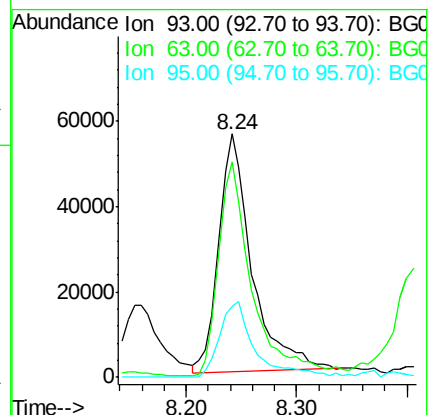
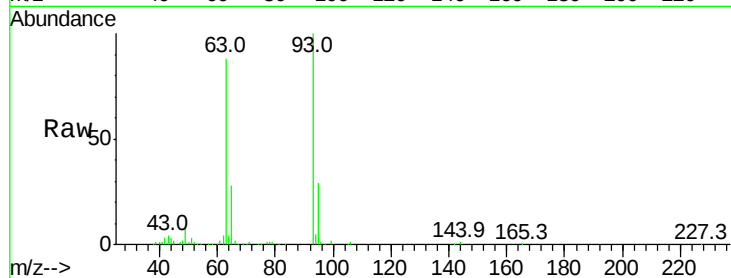
Tot Ion: 93 Resp: 117175

Ion Ratio Lower Upper

93 100

63 88.3 67.1 107.1

95 29.1 11.5 51.5



#12

1,3-Dichlorobenzene

Concen: 43.295 ng

RT: 8.74 min Scan# 928

Delta R.T. -0.01 min

Lab File: BG033704.D

Acq: 10 Apr 2018 7:03

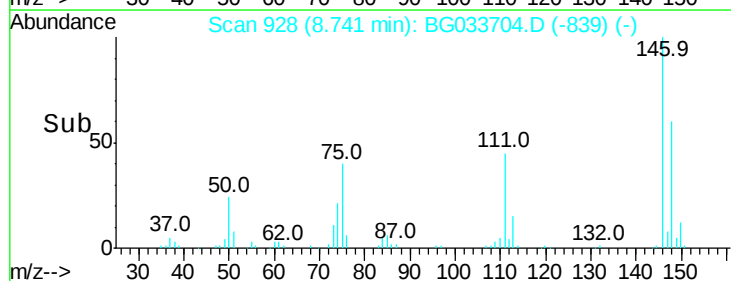
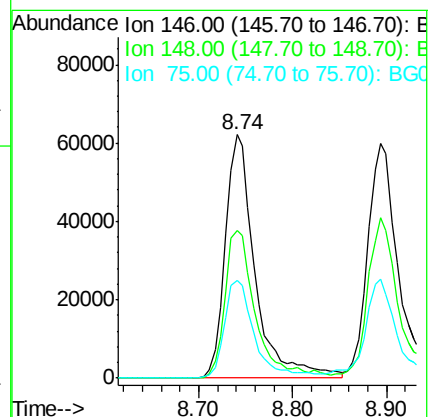
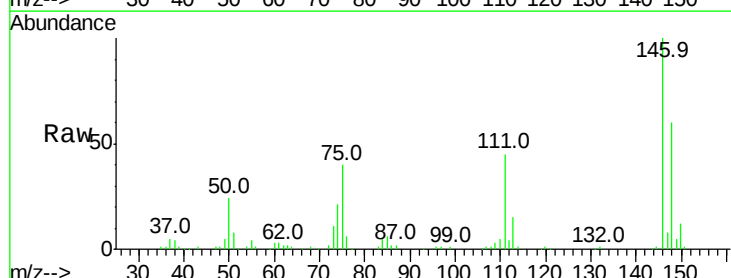
Tgt Ion: 146 Resp: 137588

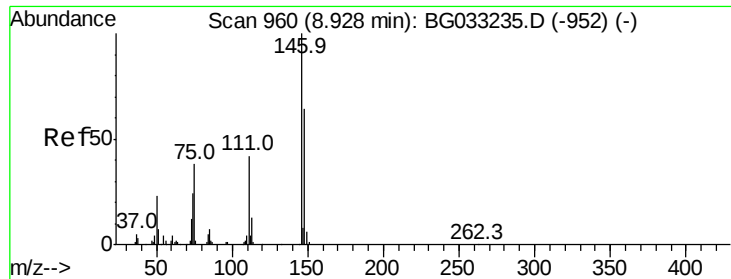
Ion Ratio Lower Upper

146 100

148 60.5 51.4 77.2

75 40.3 26.6 39.8#

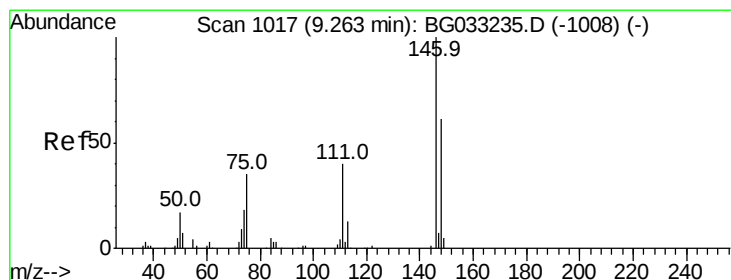
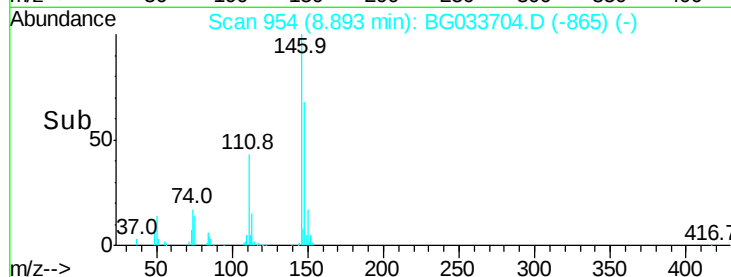
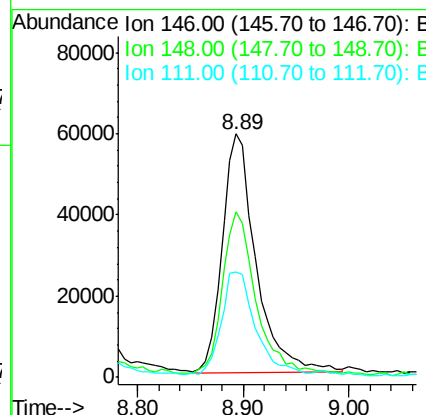
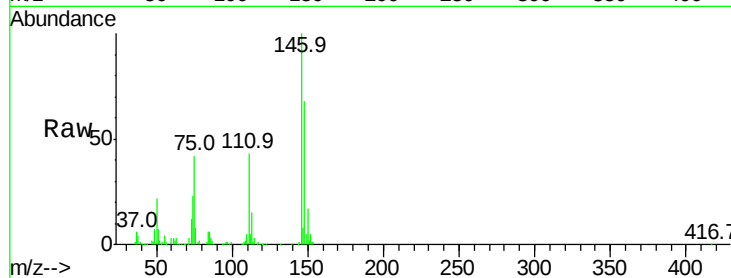




#13
 1,4-Dichlorobenzene
 Concen: 40.652 ng
 RT: 8.89 min Scan# 954
 Delta R.T. -0.01 min
 Lab File: BG033704.D
 Acq: 10 Apr 2018 7:03

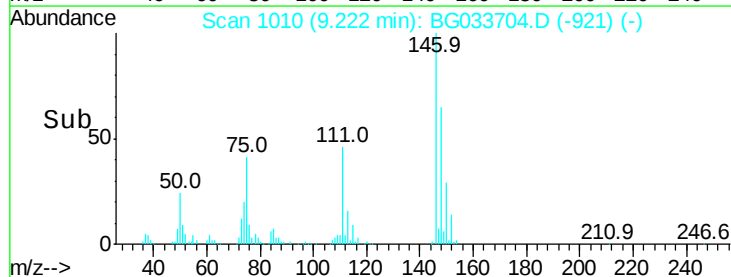
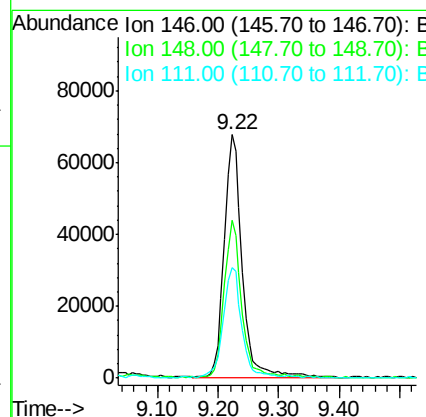
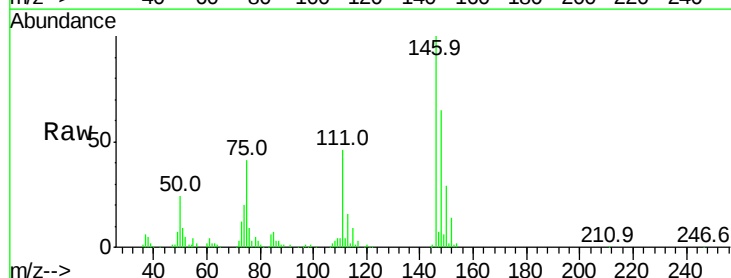
Instrument :
 BNA_G
 ClientSampleId :

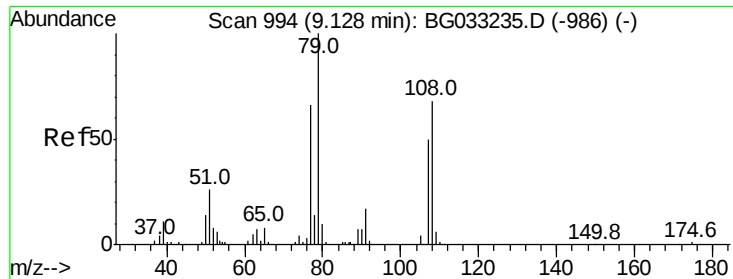
Tot Ion:146 Resp: 129379
 Ion Ratio Lower Upper
 146 100
 148 68.2 53.7 80.5
 111 43.3 35.2 52.8



#14
 1,2-Dichlorobenzene
 Concen: 44.395 ng
 RT: 9.22 min Scan# 1010
 Delta R.T. -0.01 min
 Lab File: BG033704.D
 Acq: 10 Apr 2018 7:03

Tgt Ion:146 Resp: 137901
 Ion Ratio Lower Upper
 146 100
 148 64.6 49.3 73.9
 111 45.5 34.3 51.5





#15

Benzyl Alcohol

Concen: 48.193 ng

RT: 9.09 min Scan# 988

Delta R.T. -0.01 min

Lab File: BG033704.D

Acq: 10 Apr 2018 7:03

Instrument :

BNA_G

ClientSampleId :

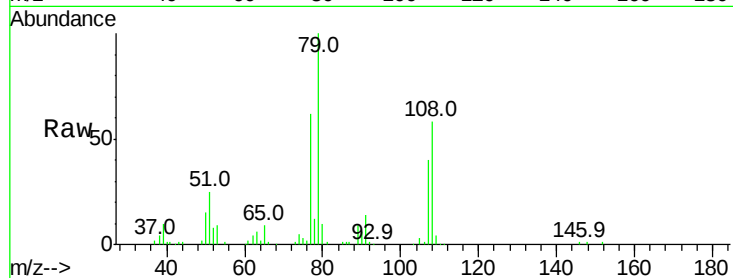
Tot Ion: 79 Resp: 138618

Ion Ratio Lower Upper

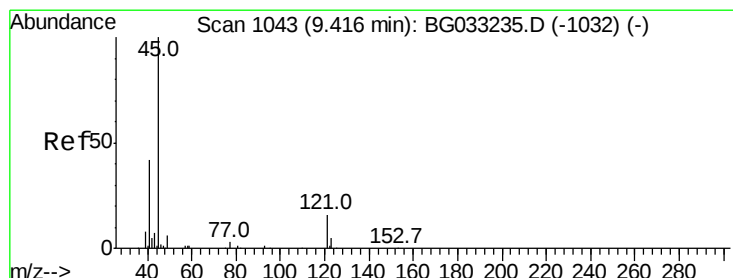
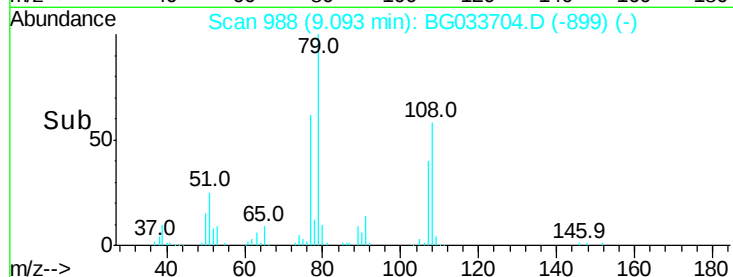
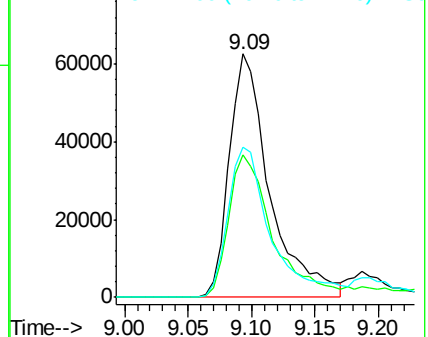
79 100

108 58.4 57.2 85.8

77 61.6 46.1 69.1



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.658 ng

RT: 9.38 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BG033704.D

Acq: 10 Apr 2018 7:03

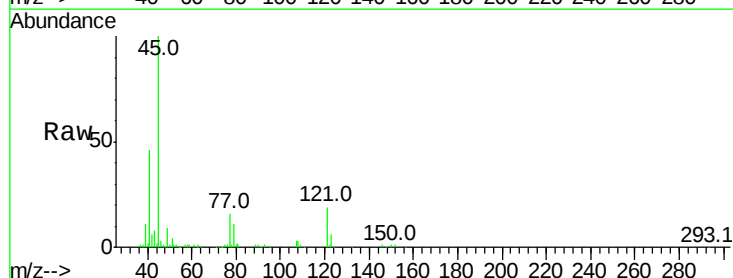
Tgt Ion: 45 Resp: 223932

Ion Ratio Lower Upper

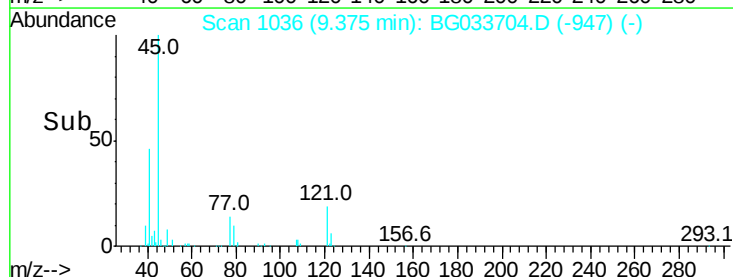
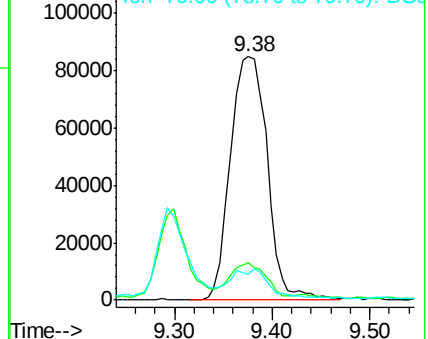
45 100

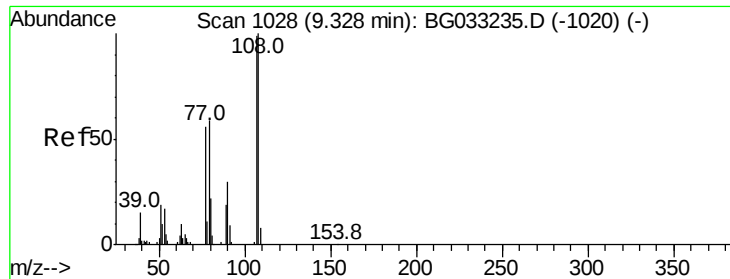
77 15.7 0.0 30.2

79 10.9 0.0 27.9



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

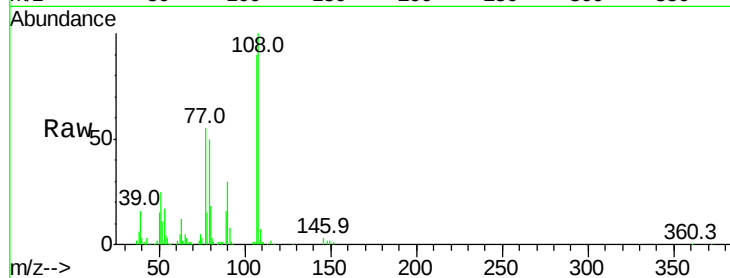




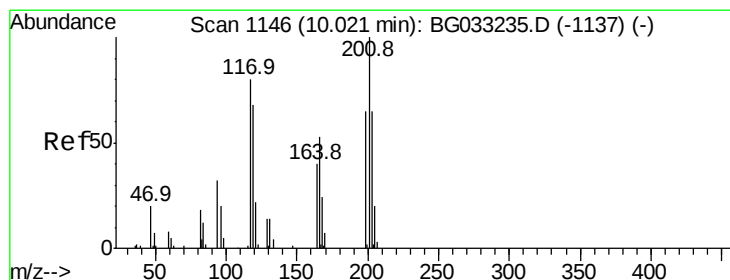
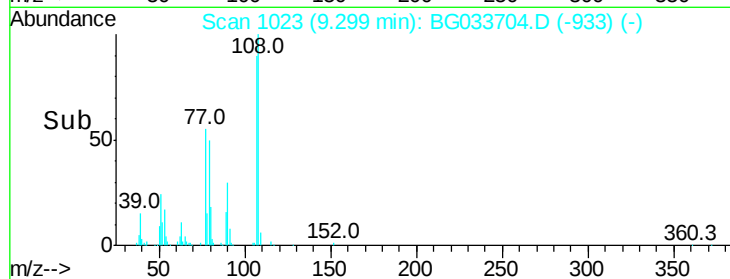
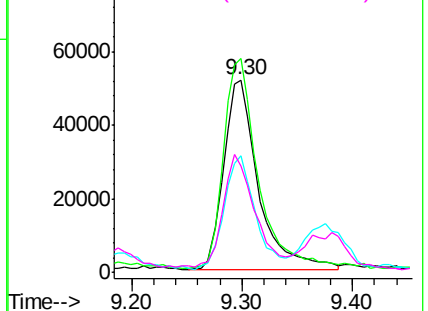
#17
2-Methylphenol
Concen: 46.698 ng
RT: 9.30 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BG033704.D
Acq: 10 Apr 2018 7:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 114744
Ion Ratio Lower Upper
107 100
108 111.0 83.9 125.9
77 60.6 37.2 55.8#
79 55.4 36.2 54.2#

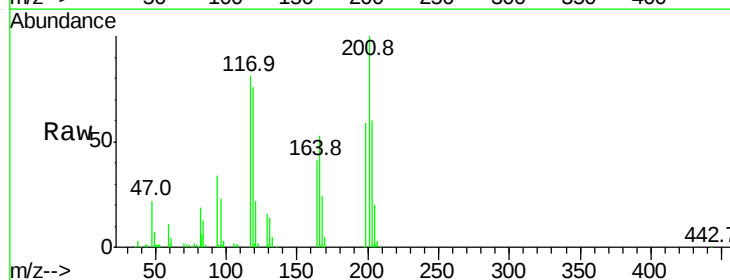


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

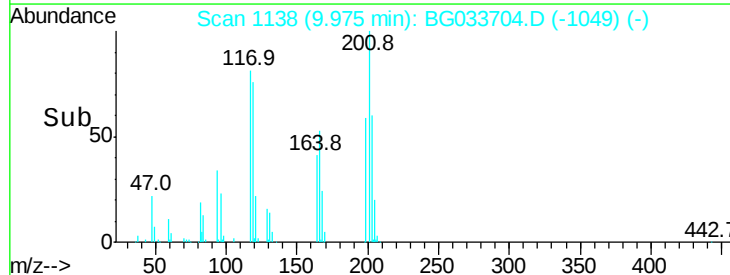
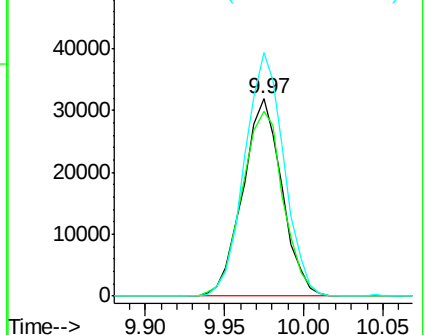


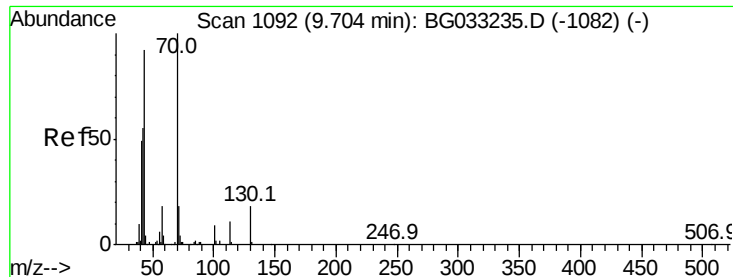
#18
Hexachloroethane
Concen: 44.439 ng
RT: 9.97 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BG033704.D
Acq: 10 Apr 2018 7:03

Tgt Ion:117 Resp: 54587
Ion Ratio Lower Upper
117 100
119 93.6 76.7 115.1
201 123.4 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: 44.619 ng

RT: 9.66 min Scan# 1085

Delta R.T. 0.00 min

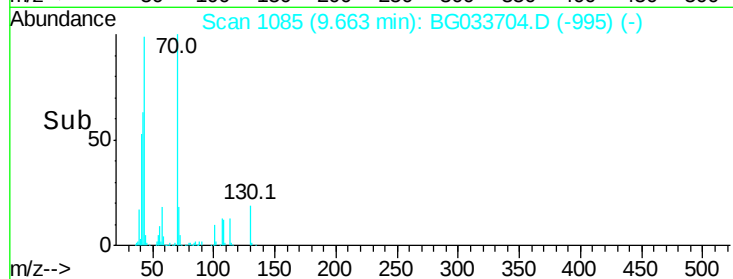
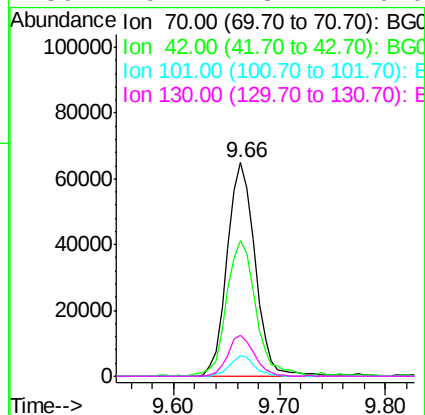
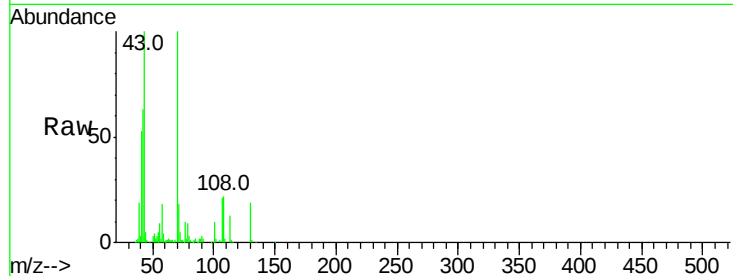
Lab File: BG033704.D

Acq: 10 Apr 2018 7:03

Instrument :
BNA_G
ClientSampled :

Tot Ion: 70 Resp: 119444

Ion	Ratio	Lower	Upper
70	100		
42	63.3	49.1	73.7
101	9.6	8.5	12.7
130	19.1	13.4	20.0



#20

3+4-Methylphenols

Concen: 46.298 ng

RT: 9.63 min Scan# 1079

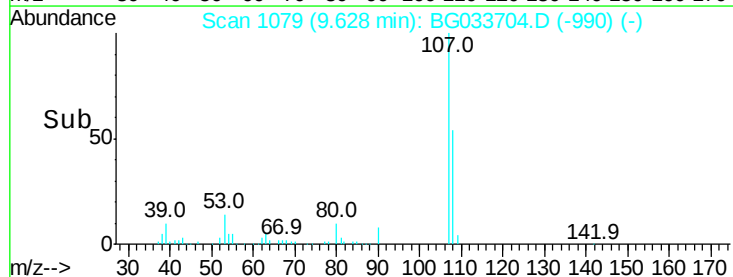
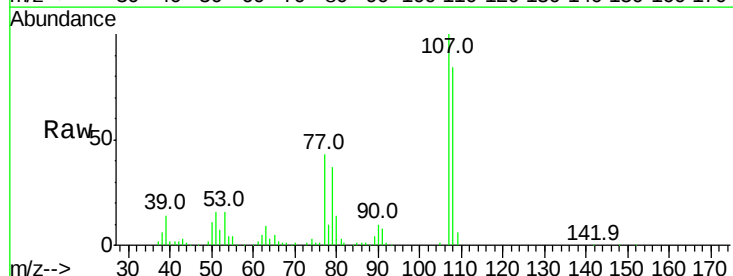
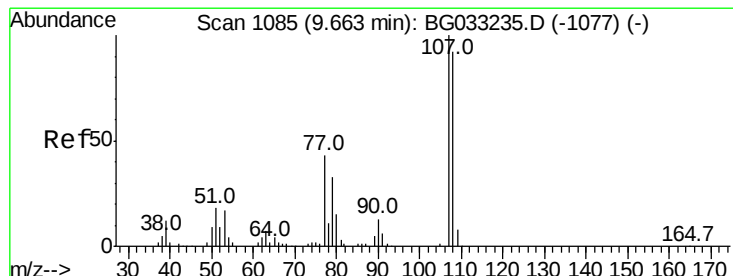
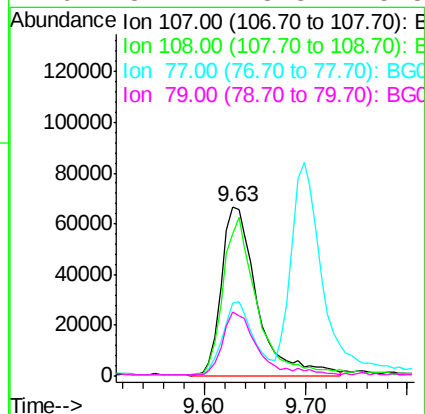
Delta R.T. -0.01 min

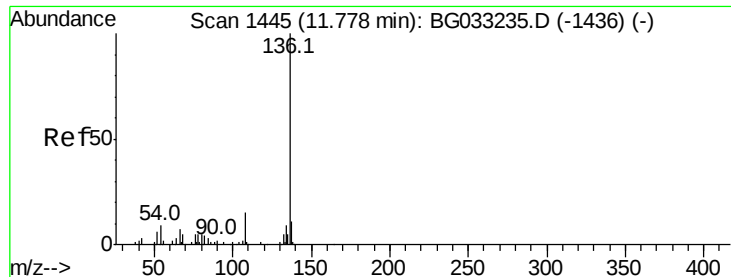
Lab File: BG033704.D

Acq: 10 Apr 2018 7:03

Tgt Ion: 107 Resp: 161971

Ion	Ratio	Lower	Upper
107	100		
108	83.7	61.6	101.6
77	42.7	13.9	53.9
79	37.4	8.8	48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.74 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BG033704.D

Acq: 10 Apr 2018 7:03

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 164339

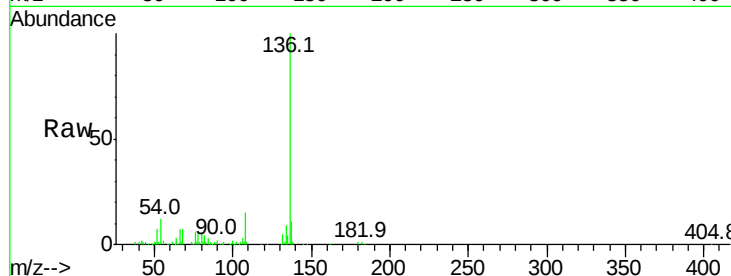
Ion Ratio Lower Upper

136 100

137 10.8 9.2 13.8

54 12.3 10.3 15.5

68 7.1 4.5 6.7#

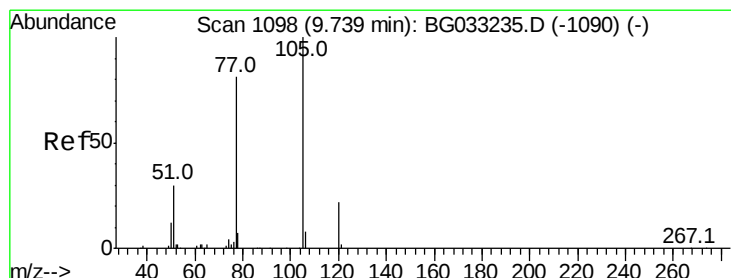
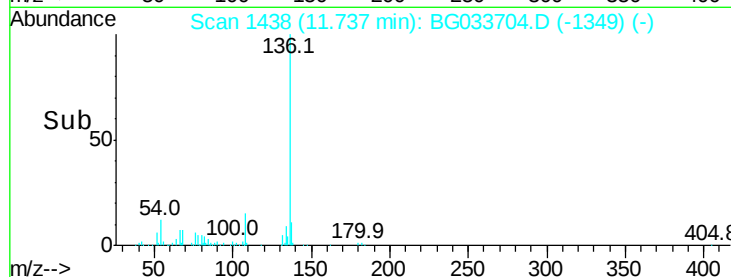
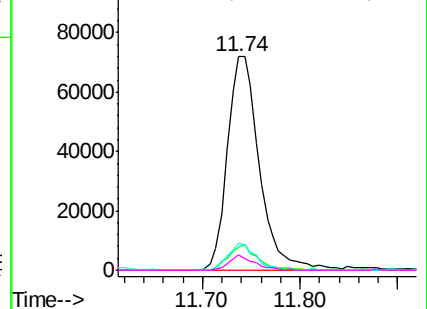


Abundance Ion 136.00 (135.70 to 136.70): E

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: 46.024 ng

RT: 9.70 min Scan# 1091

Delta R.T. -0.01 min

Lab File: BG033704.D

Acq: 10 Apr 2018 7:03

Tgt Ion:105 Resp: 207216

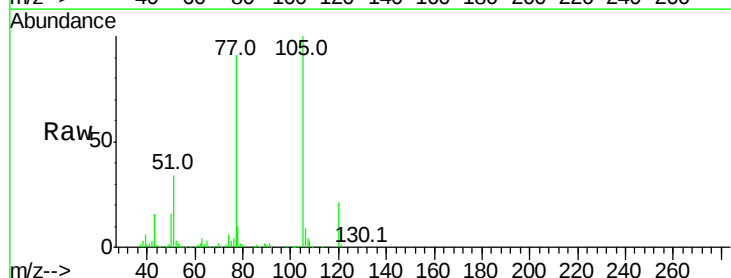
Ion Ratio Lower Upper

105 100

71 0.3 3.0 4.4#

51 33.9 26.1 39.1

120 21.3 17.4 26.2

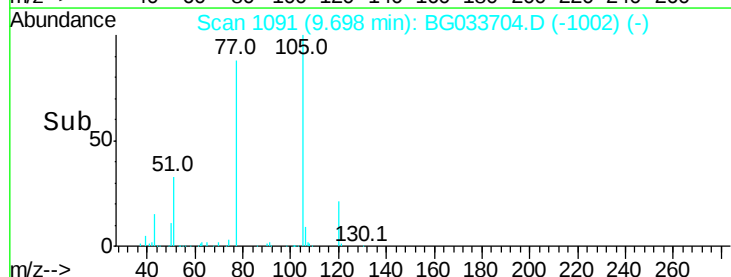
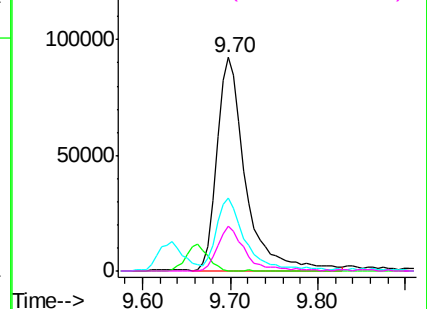


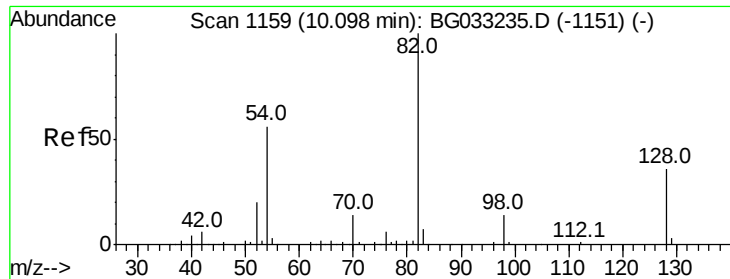
Abundance Ion 105.00 (104.70 to 105.70): E

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: 100.268 ng

RT: 10.06 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BG033704.D

Acq: 10 Apr 2018 7:03

Instrument :

BNA_G

ClientSampled :

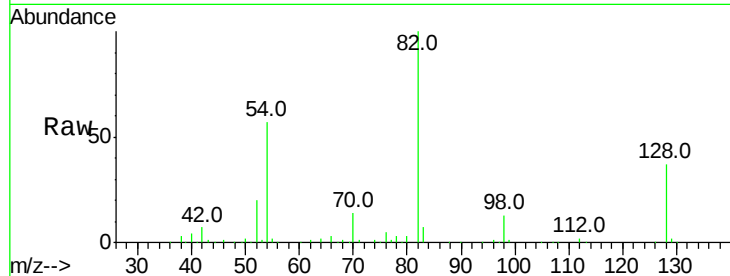
Tot Ion: 82 Resp: 358654

Ion Ratio Lower Upper

82 100

128 36.5 29.7 44.5

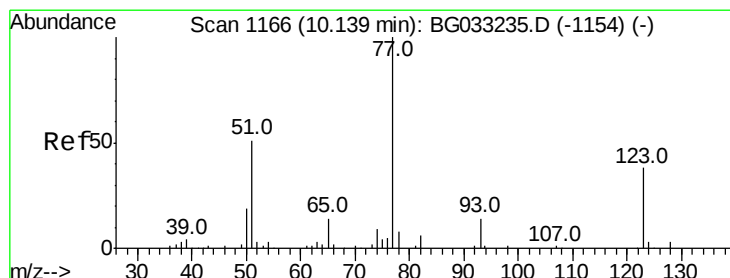
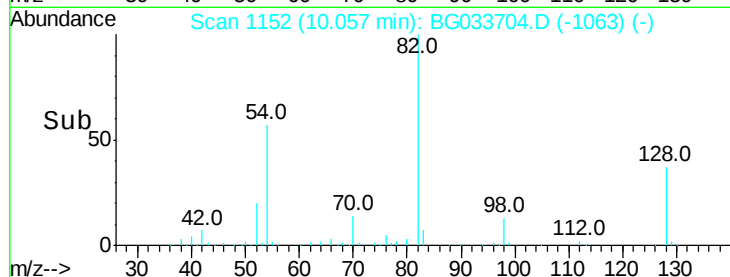
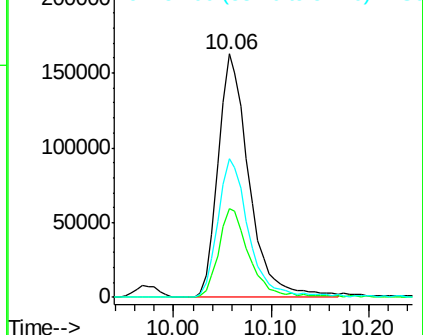
54 57.2 43.1 64.7



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: 46.952 ng

RT: 10.10 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BG033704.D

Acq: 10 Apr 2018 7:03

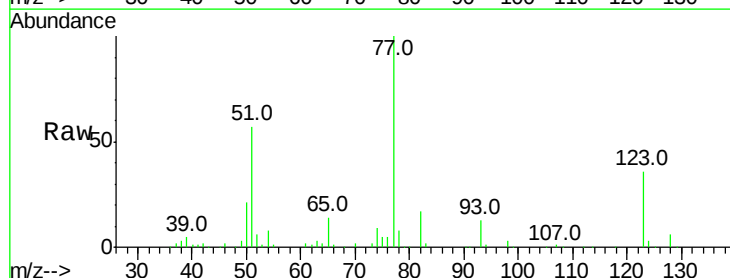
Tgt Ion: 77 Resp: 179762

Ion Ratio Lower Upper

77 100

123 35.7 33.0 49.6

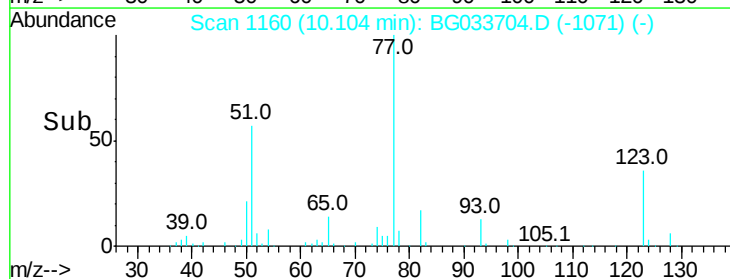
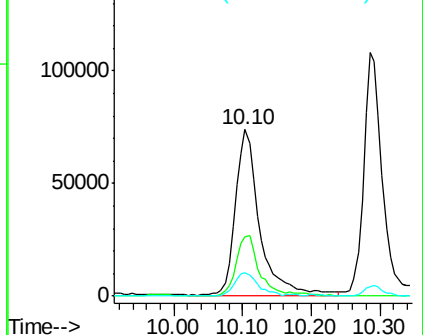
65 14.4 13.0 19.6

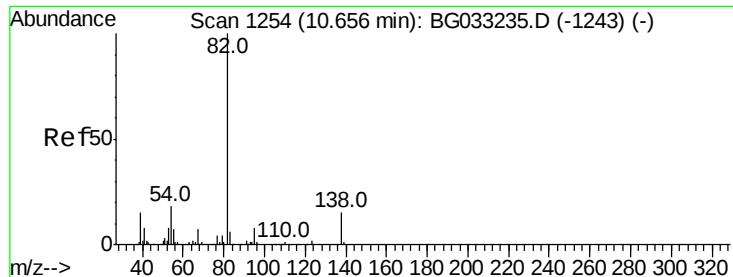


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 48.551 ng

RT: 10.61 min Scan# 1247

Delta R.T. -0.01 min

Lab File: BG033704.D

Acq: 10 Apr 2018 7:03

Instrument :

BNA_G

ClientSampled :

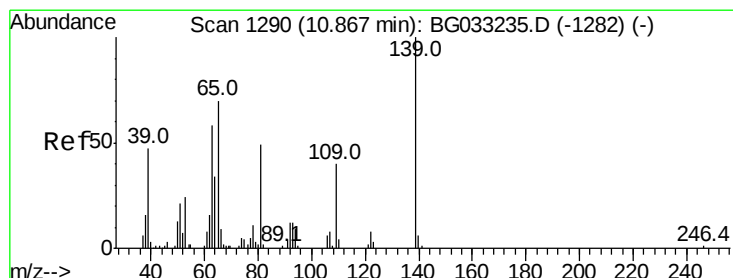
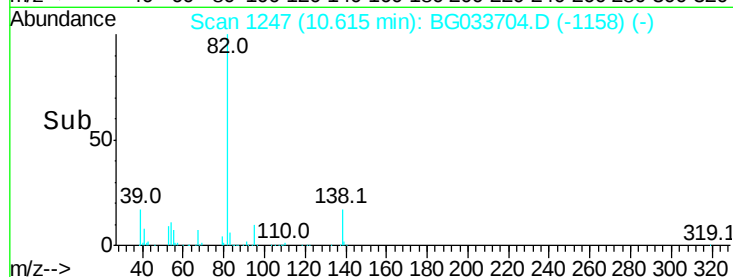
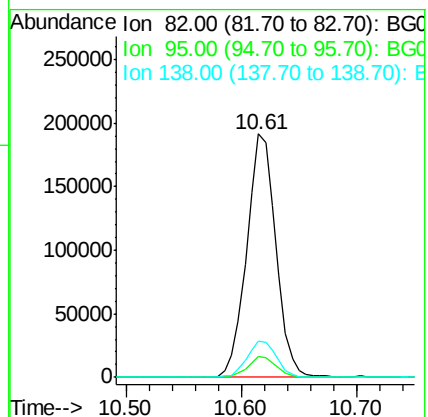
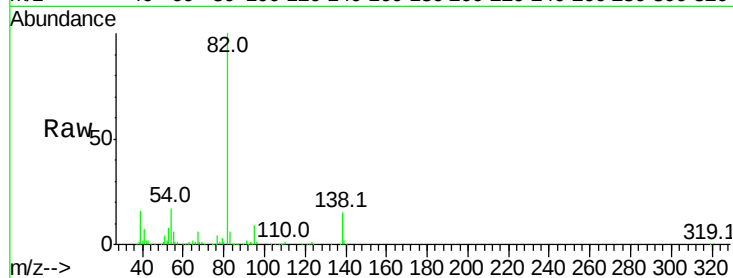
Tot Ion: 82 Resp: 337058

Ion Ratio Lower Upper

82 100

95 8.6 6.2 9.2

138 14.8 12.1 18.1



#26

2-Nitrophenol

Concen: 49.286 ng

RT: 10.83 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BG033704.D

Acq: 10 Apr 2018 7:03

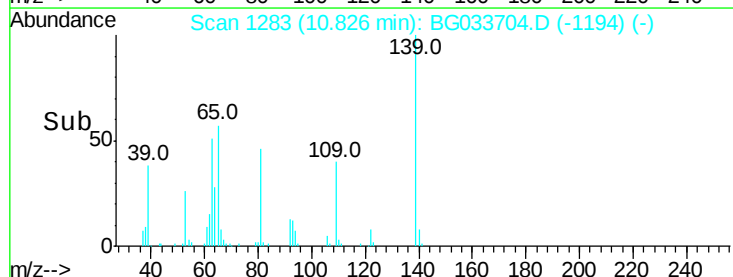
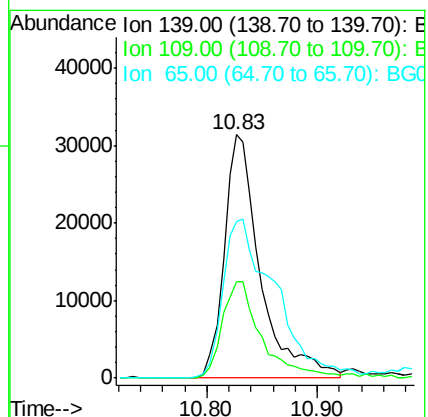
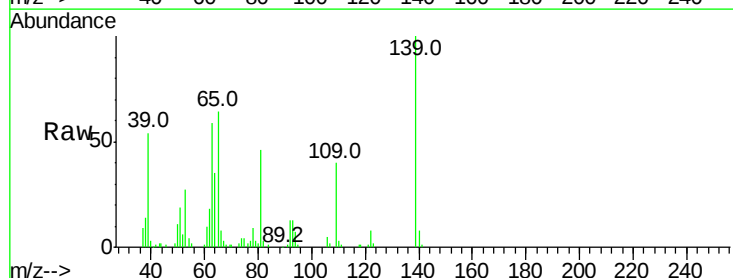
Tgt Ion: 139 Resp: 71440

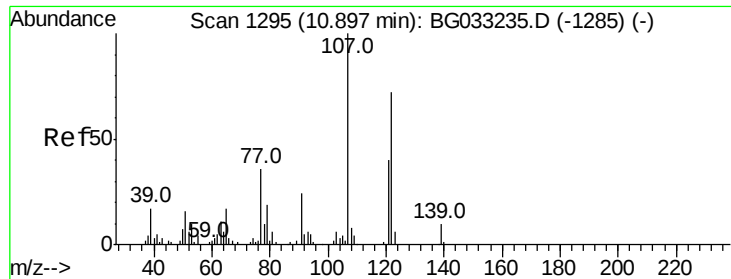
Ion Ratio Lower Upper

139 100

109 39.7 24.2 36.2#

65 64.2 47.4 71.0

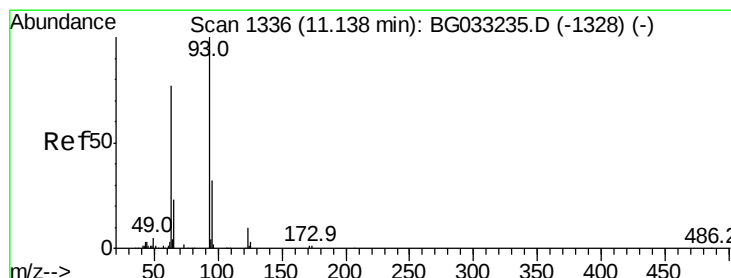
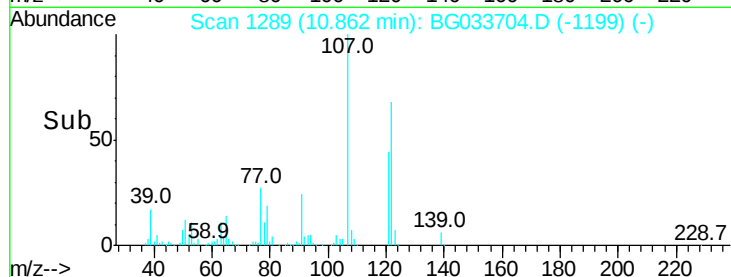
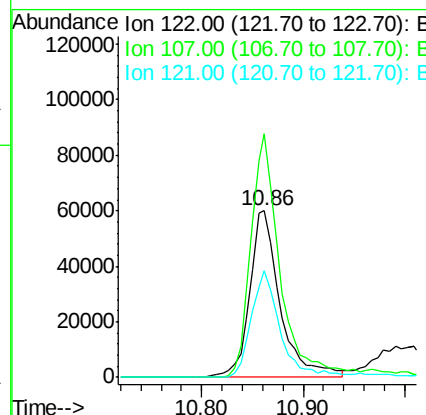
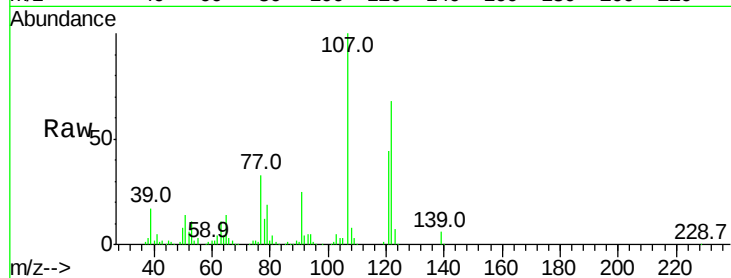




#27
 2,4-Dimethylphenol
 Concen: 59.464 ng
 RT: 10.86 min Scan# 1289
 Delta R.T. 0.00 min
 Lab File: BG033704.D
 Acq: 10 Apr 2018 7:03

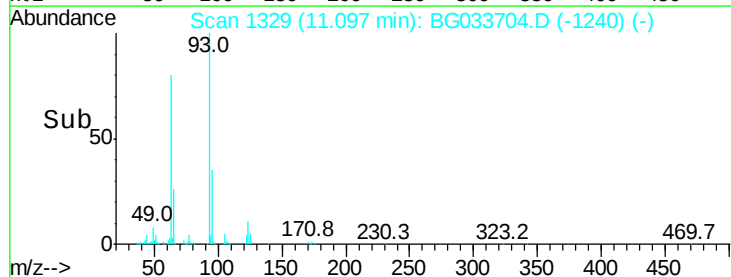
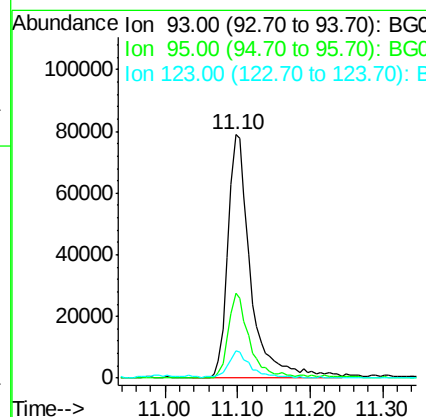
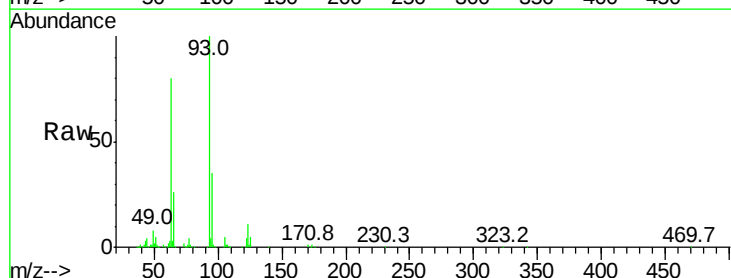
Instrument :
 BNA_G
 ClientSampled :

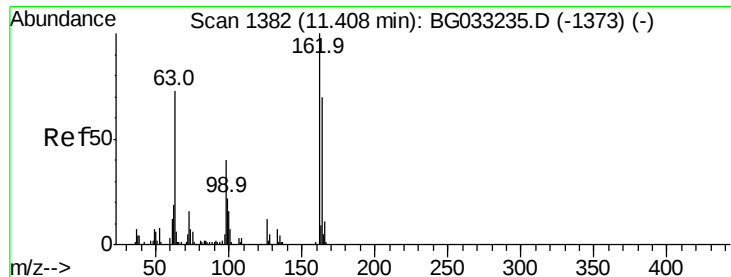
Tot Ion:122 Resp: 125212
 Ion Ratio Lower Upper
 122 100
 107 146.1 100.2 150.2
 121 64.1 44.4 66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 50.032 ng
 RT: 11.10 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: BG033704.D
 Acq: 10 Apr 2018 7:03

Tgt Ion: 93 Resp: 173303
 Ion Ratio Lower Upper
 93 100
 95 34.9 24.3 36.5
 123 11.0 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 53.768 ng

RT: 11.37 min Scan# 1376

Delta R.T. -0.01 min

Lab File: BG033704.D

Acq: 10 Apr 2018 7:03

Instrument :

BNA_G

ClientSampleId :

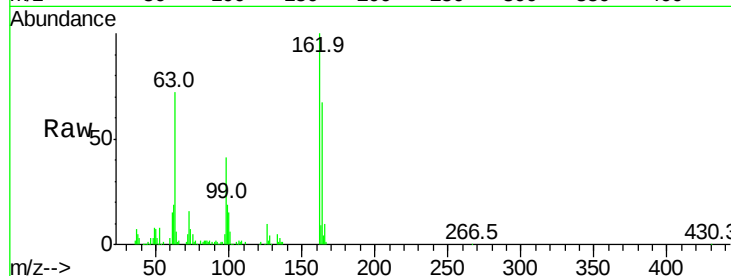
Tot Ion:162 Resp: 139238

Ion Ratio Lower Upper

162 100

164 67.5 48.0 88.0

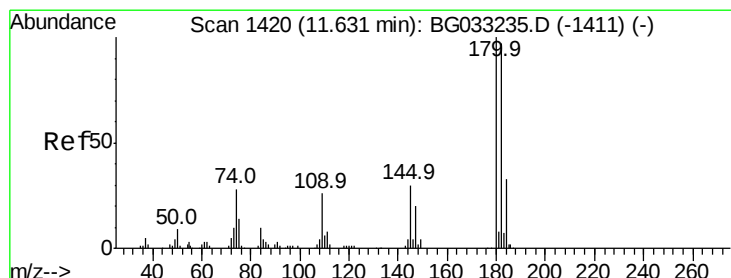
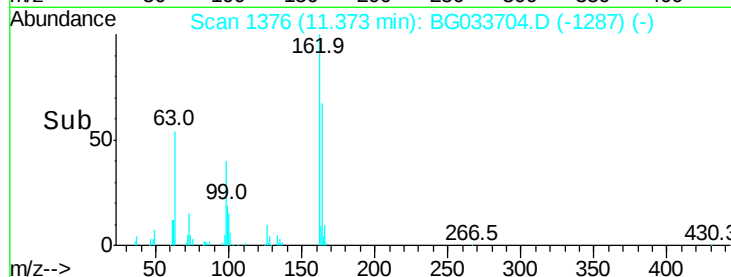
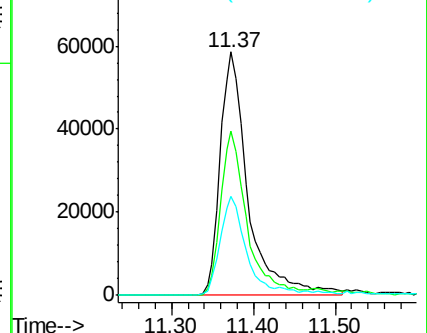
98 40.6 21.1 61.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30

1,2,4-Trichlorobenzene

Concen: 42.832 ng

RT: 11.59 min Scan# 1413

Delta R.T. -0.01 min

Lab File: BG033704.D

Acq: 10 Apr 2018 7:03

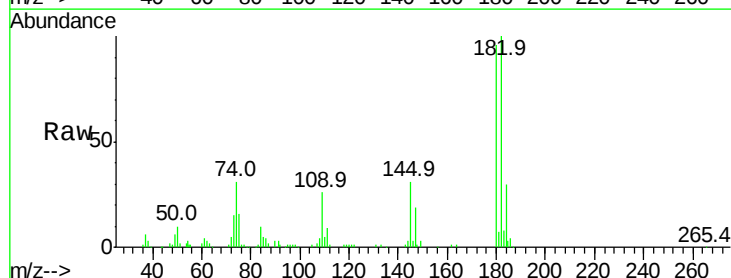
Tgt Ion:180 Resp: 144108

Ion Ratio Lower Upper

180 100

182 104.2 77.5 116.3

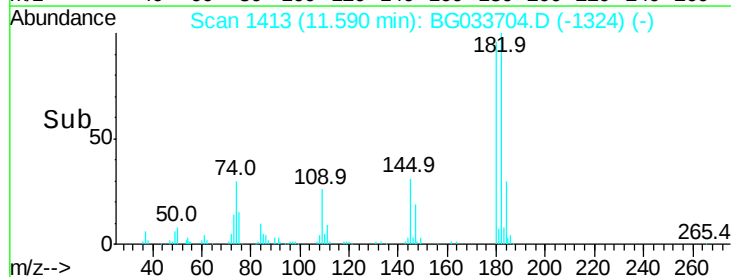
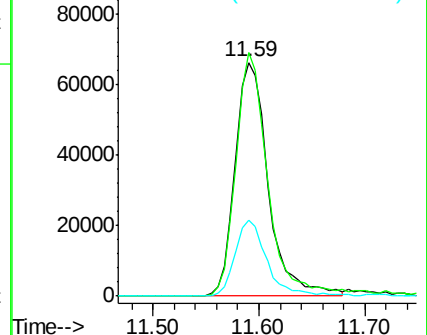
145 32.6 23.4 35.2

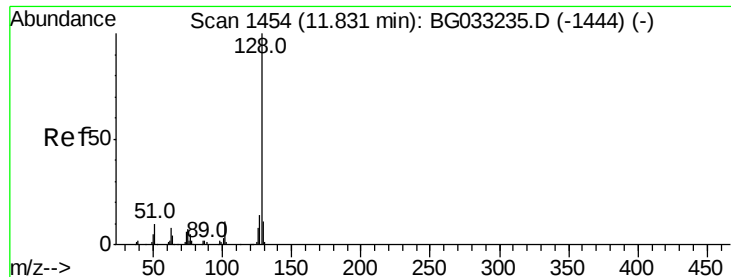


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

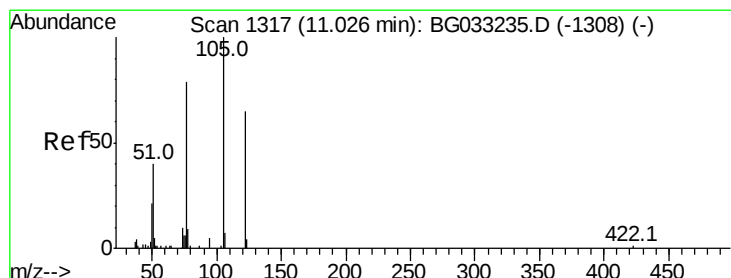
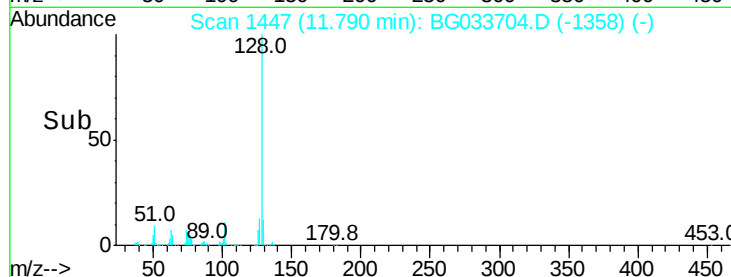
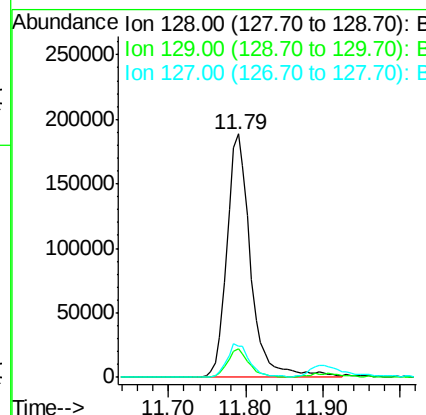
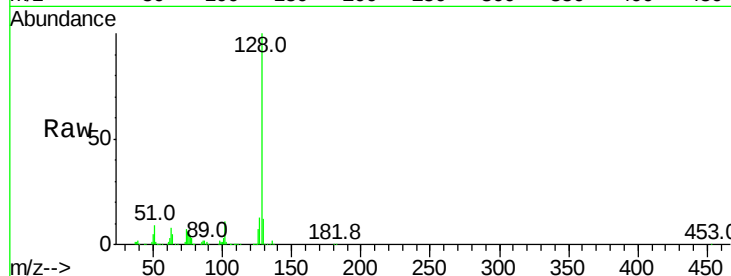




#31
Naphthalene
Concen: 47.591 ng
RT: 11.79 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BG033704.D
Acq: 10 Apr 2018 7:03

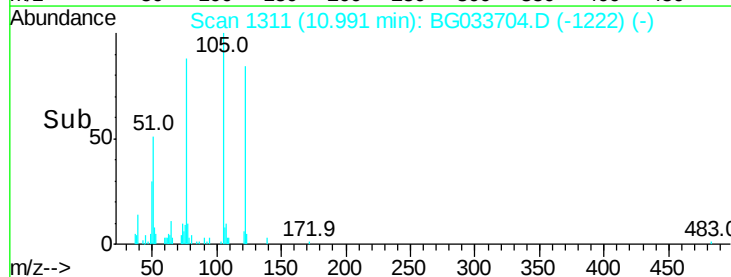
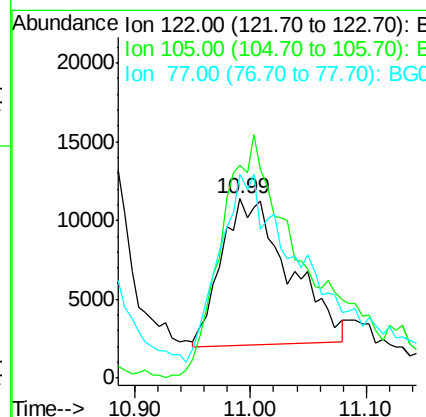
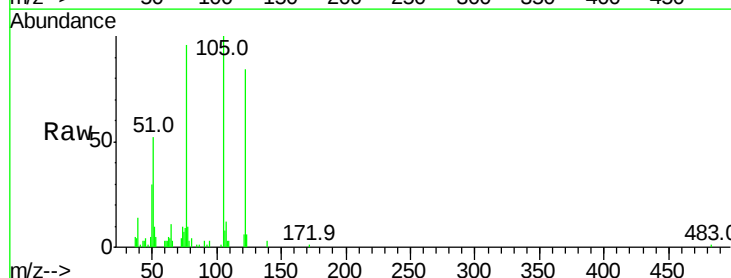
Instrument :
BNA_G
ClientSampleId :

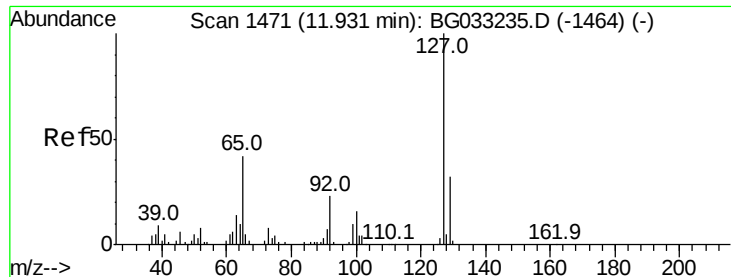
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.9	8.6	12.8
127	13.0	11.6	17.4



#32
Benzoic acid
Concen: 19.235 ng
RT: 10.99 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BG033704.D
Acq: 10 Apr 2018 7:03

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.4	123.5	163.5#
77	113.4	85.7	125.7

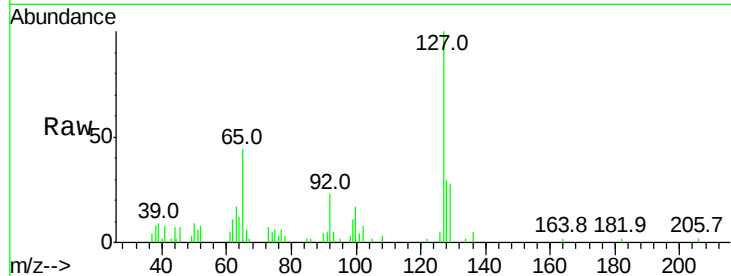




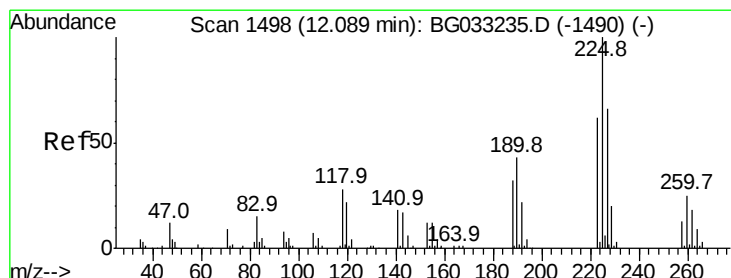
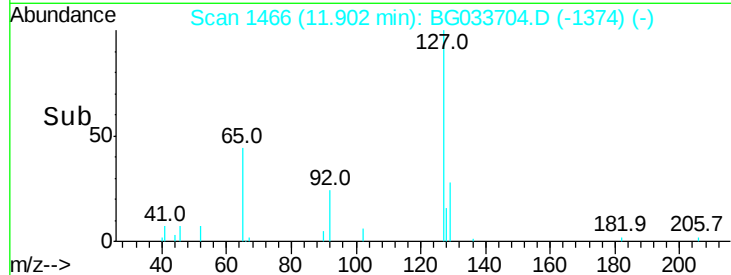
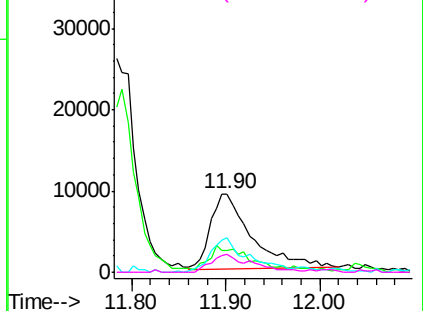
#33
4-Chloroaniline
Concen: 7.485 ng
RT: 11.90 min Scan# 1466
Delta R.T. 0.01 min
Lab File: BG033704.D
Acq: 10 Apr 2018 7:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	28560
Ion	Ratio	Lower	Upper
127	100		
129	27.5	24.0	36.0
65	43.9	27.0	40.4#
92	23.1	16.6	25.0

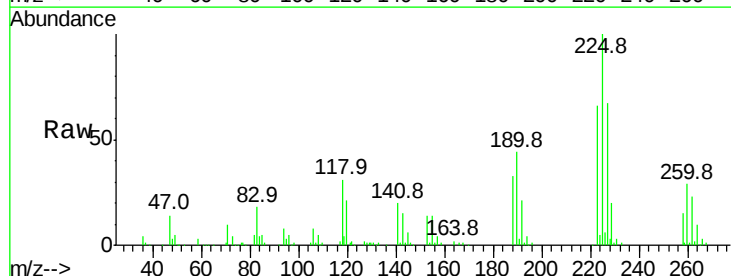


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

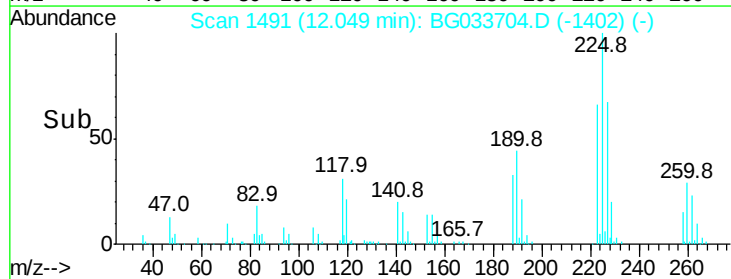
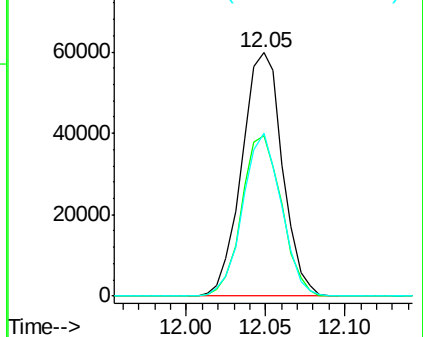


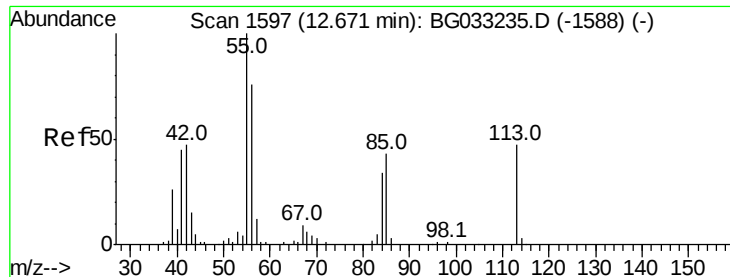
#34
Hexachlorobutadiene
Concen: 41.859 ng
RT: 12.05 min Scan# 1491
Delta R.T. -0.01 min
Lab File: BG033704.D
Acq: 10 Apr 2018 7:03

Tgt Ion:	225	Resp:	106502
Ion	Ratio	Lower	Upper
225	100		
223	65.7	49.7	74.5
227	67.1	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

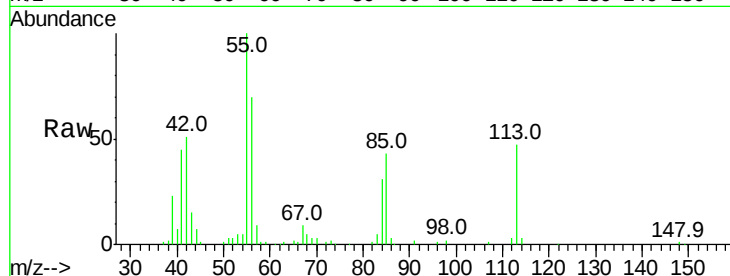




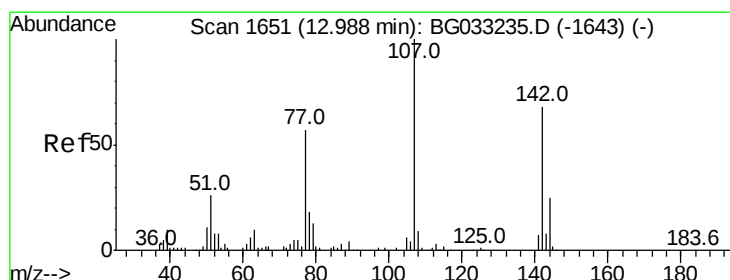
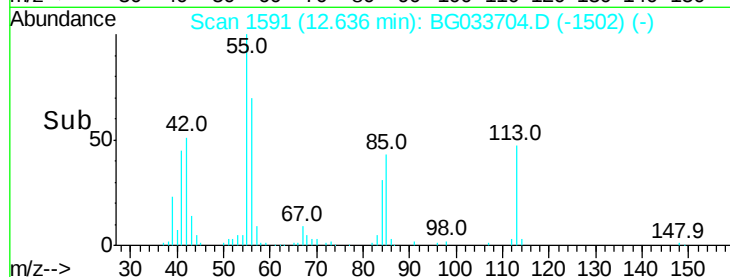
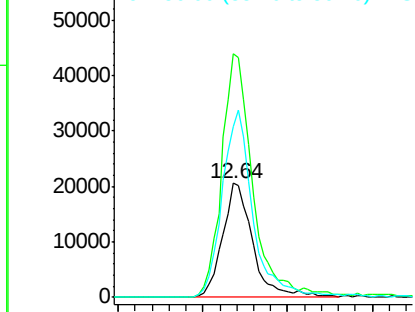
#35
 Caprolactam
 Concen: 50.132 ng
 RT: 12.64 min Scan# 1591
 Delta R.T. -0.01 min
 Lab File: BG033704.D
 Acq: 10 Apr 2018 7:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:113 Resp: 50859
 Ion Ratio Lower Upper
 113 100
 55 213.7 186.9 226.9
 56 149.5 130.9 170.9

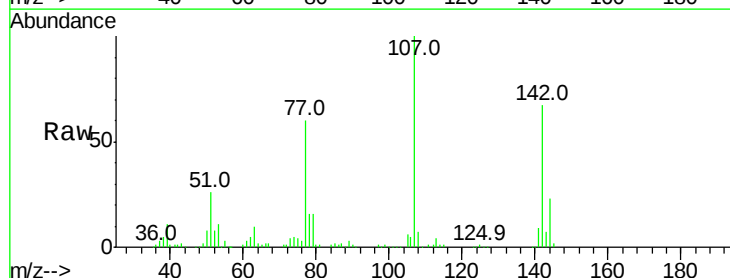


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BGC
 Ion 56.00 (55.70 to 56.70): BGC

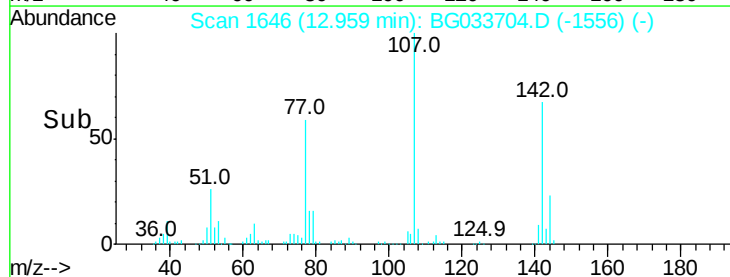
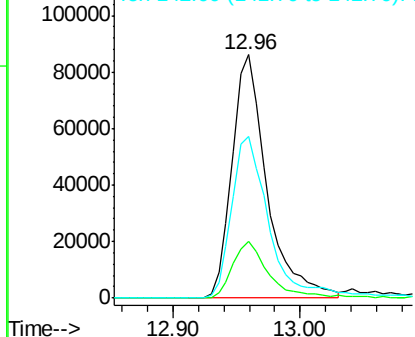


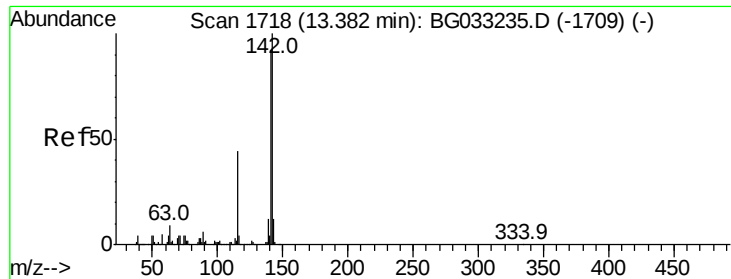
#36
 4-Chloro-3-methylphenol
 Concen: 48.598 ng
 RT: 12.96 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: BG033704.D
 Acq: 10 Apr 2018 7:03

Tgt Ion:107 Resp: 164141
 Ion Ratio Lower Upper
 107 100
 144 23.4 18.2 27.4
 142 66.7 59.0 88.4



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

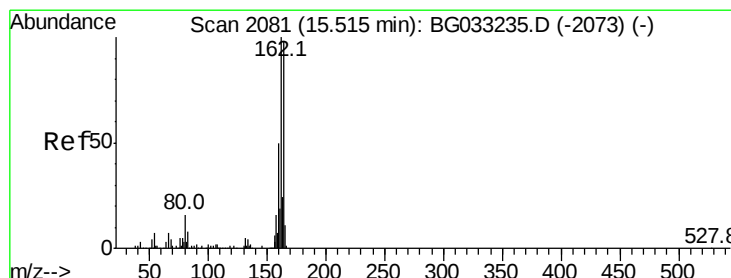
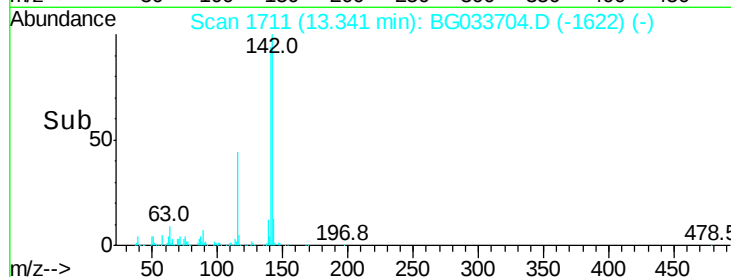
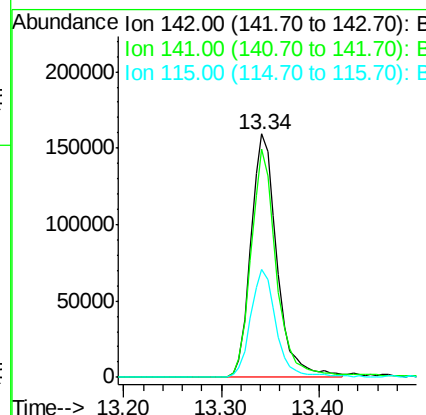
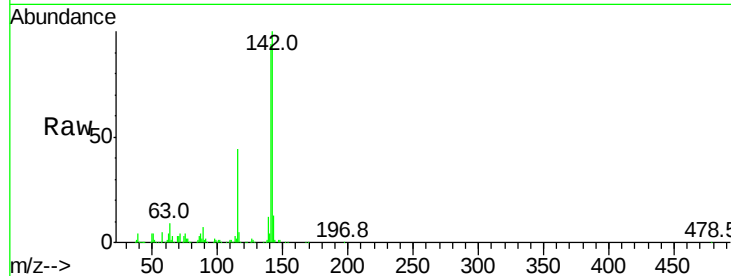




#37
2-Methylnaphthalene
Concen: 45.180 ng
RT: 13.34 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BG033704.D
Acq: 10 Apr 2018 7:03

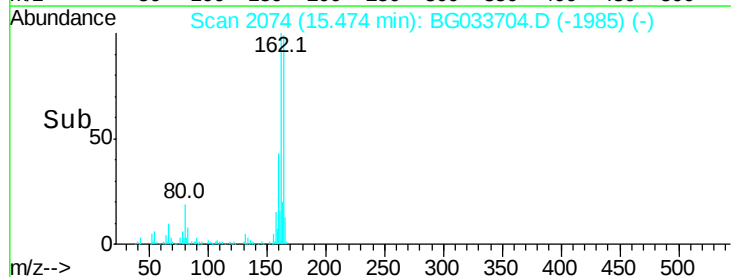
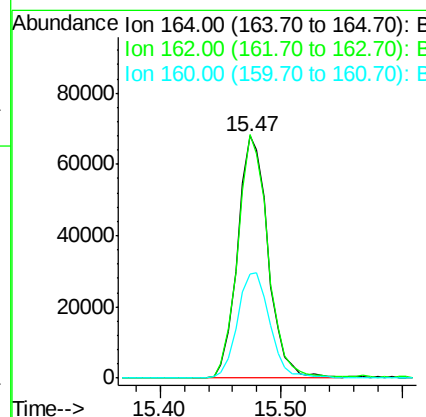
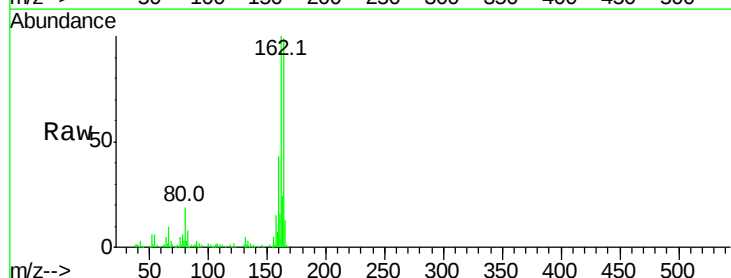
Instrument :
BNA_G
ClientSampleId :

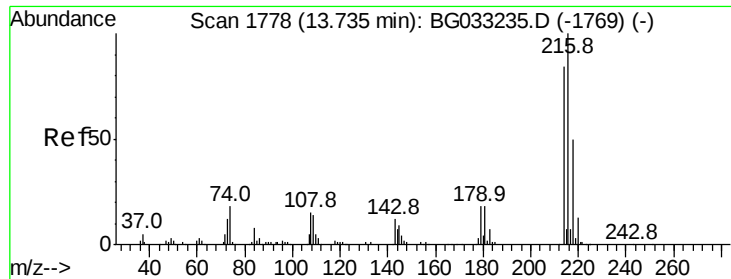
Tot Ion:142 Resp: 298635
Ion Ratio Lower Upper
142 100
141 93.7 67.1 100.7
115 44.4 30.7 46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.47 min Scan# 2074
Delta R.T. -0.01 min
Lab File: BG033704.D
Acq: 10 Apr 2018 7:03

Tgt Ion:164 Resp: 119604
Ion Ratio Lower Upper
164 100
162 100.7 78.8 118.2
160 43.3 35.4 53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.428 ng

RT: 13.70 min Scan# 1772

Delta R.T. 0.00 min

Lab File: BG033704.D

Acq: 10 Apr 2018 7:03

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 192478

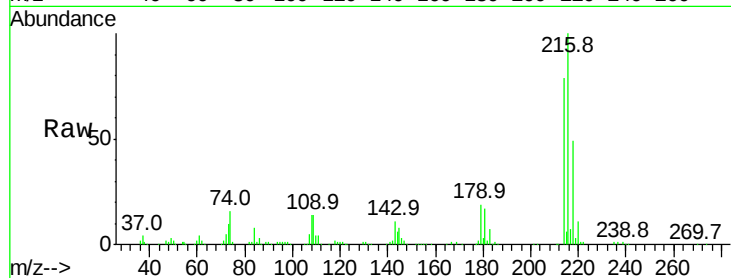
Ion Ratio Lower Upper

216 100

214 79.5 63.0 94.4

179 19.9 17.0 25.6

108 18.7 12.8 19.2

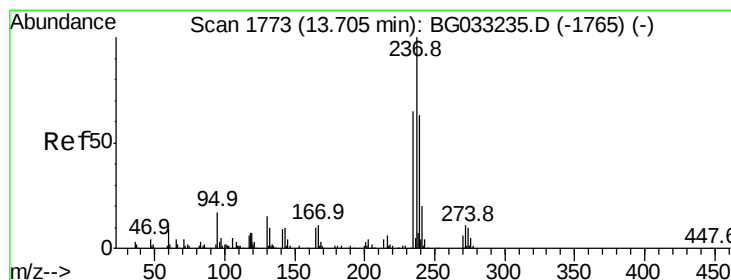
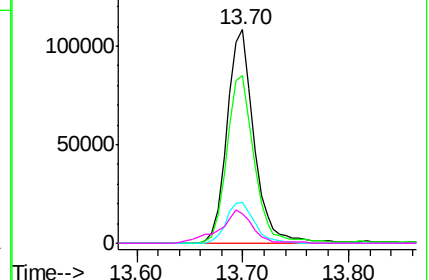
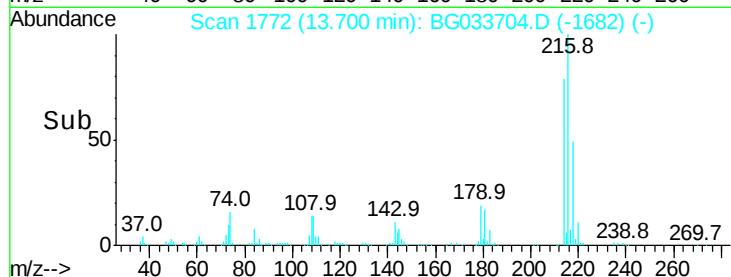


Abundance Ion 216.00 (215.70 to 216.70): E

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: 85.857 ng

RT: 13.67 min Scan# 1767

Delta R.T. 0.00 min

Lab File: BG033704.D

Acq: 10 Apr 2018 7:03

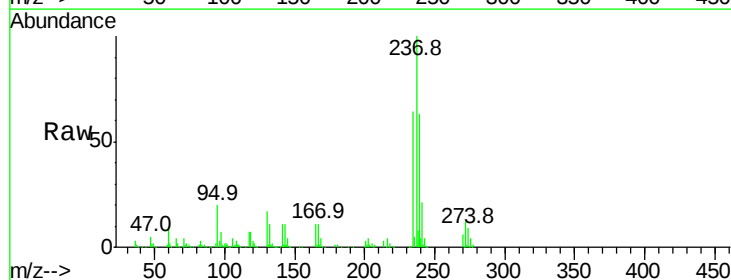
Tgt Ion:237 Resp: 218056

Ion Ratio Lower Upper

237 100

235 64.3 50.4 90.4

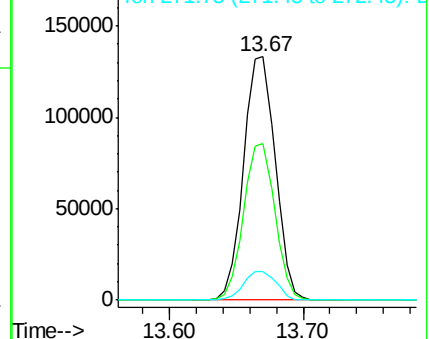
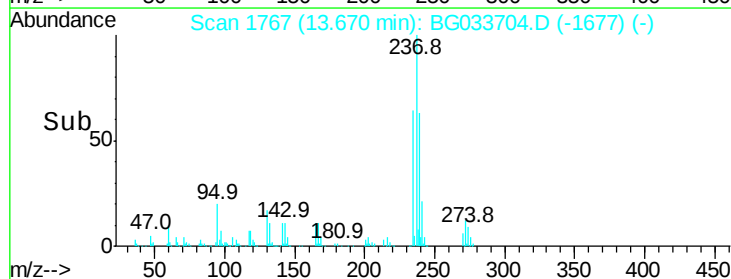
272 11.7 0.0 31.8

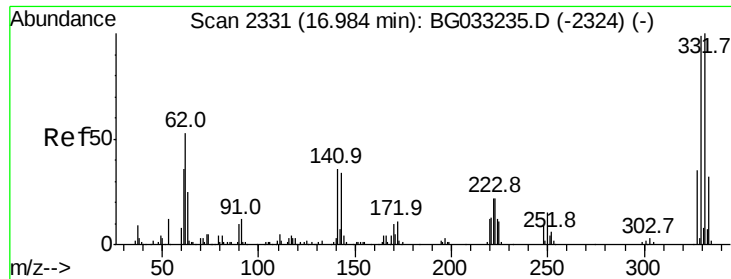


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

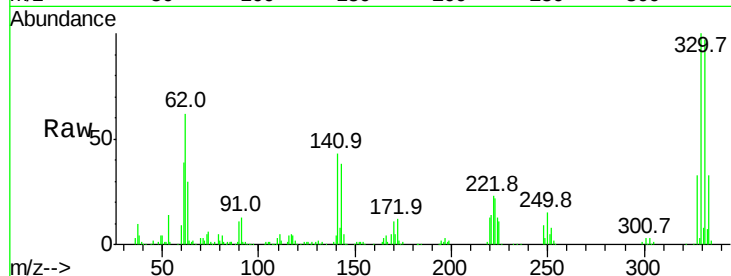




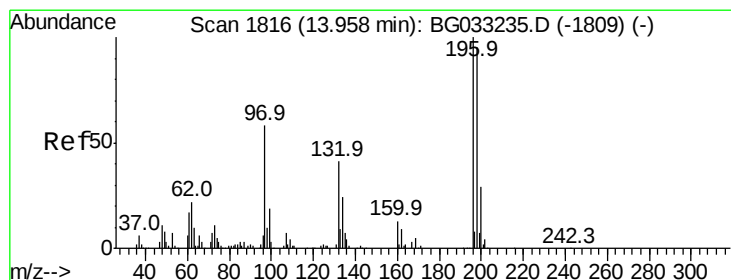
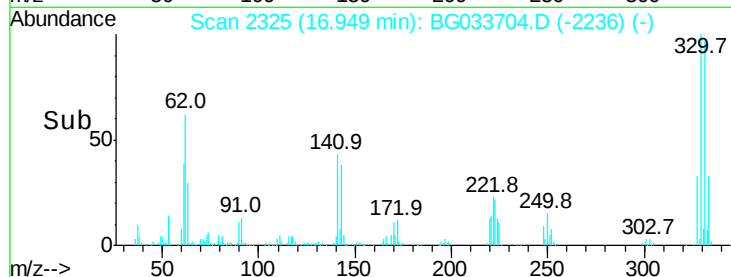
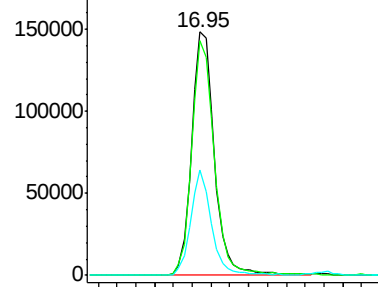
#41
 2,4,6-Tribromophenol
 Concen: 140.876 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.01 min
 Lab File: BG033704.D
 Acq: 10 Apr 2018 7:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.0	115.6
141	39.5	25.2	37.8#

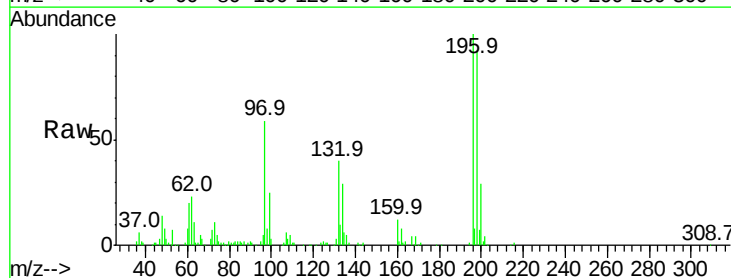


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

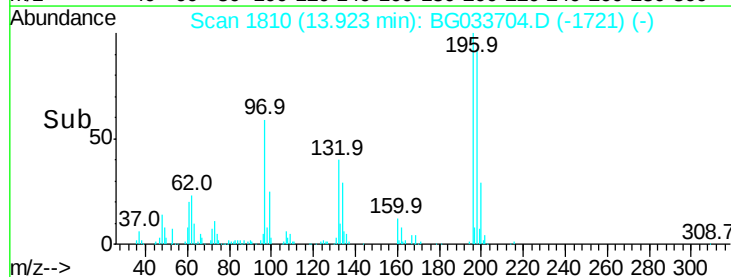
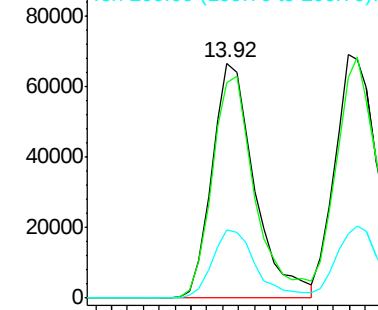


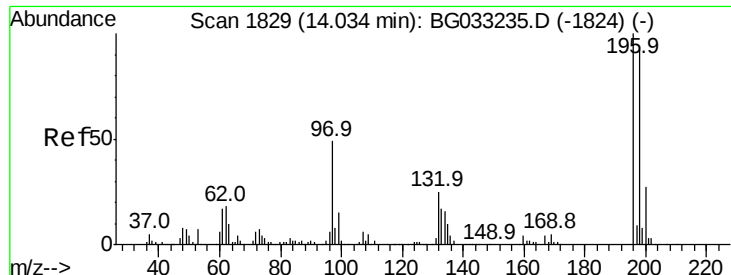
#42
 2,4,6-Trichlorophenol
 Concen: 49.330 ng
 RT: 13.92 min Scan# 1810
 Delta R.T. -0.01 min
 Lab File: BG033704.D
 Acq: 10 Apr 2018 7:03

Tgt Ion	Ratio	Lower	Upper
196	100		
198	91.7	78.2	117.2
200	29.2	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

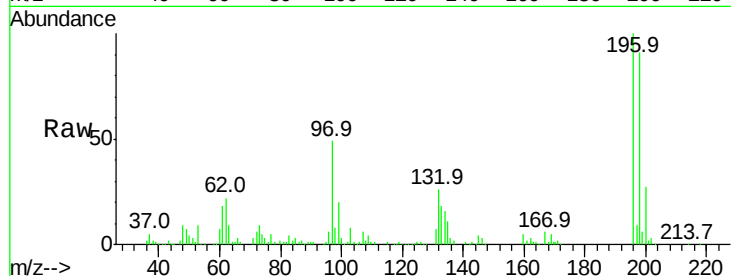




#43
 2,4,5-Trichlorophenol
 Concen: 46.870 ng
 RT: 14.00 min Scan# 1823
 Delta R.T. -0.01 min
 Lab File: BG033704.D
 Acq: 10 Apr 2018 7:03

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	90.7	76.2	114.4
97	49.2	38.7	58.1
132	25.7	20.2	30.2



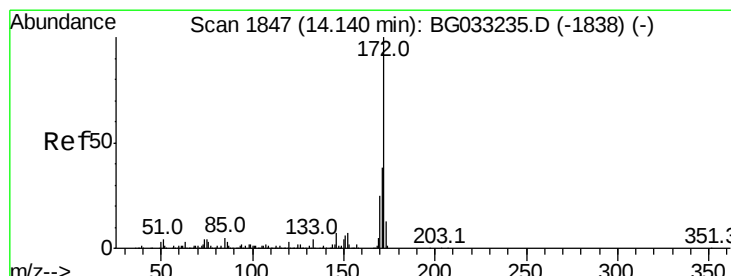
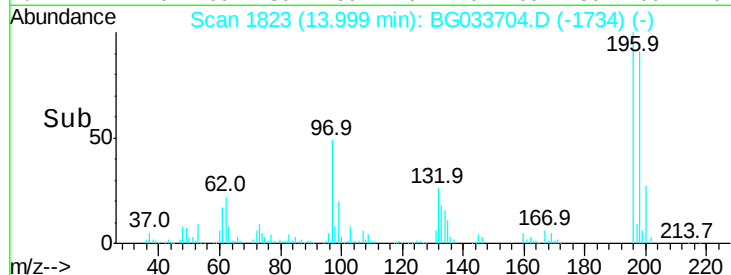
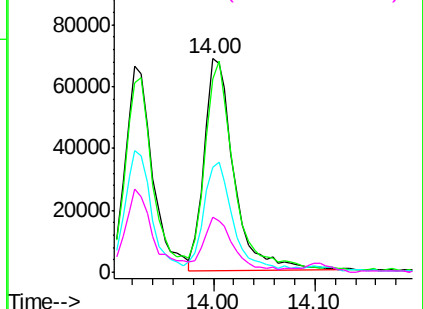
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

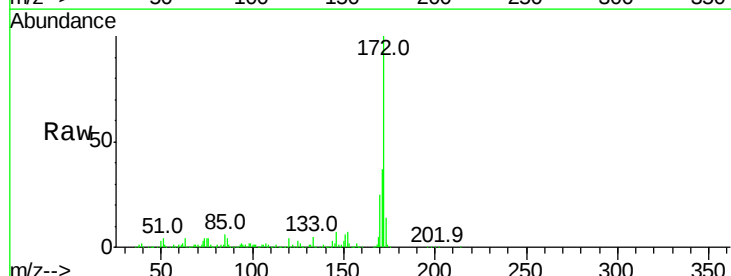
Ion 97.00 (96.70 to 97.70): B

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 98.540 ng
 RT: 14.10 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BG033704.D
 Acq: 10 Apr 2018 7:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.0	45.0
170	25.4	19.5	29.3

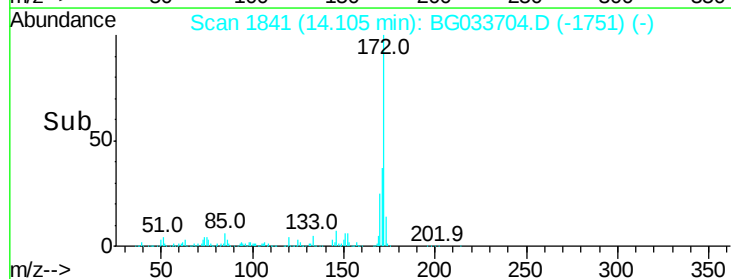
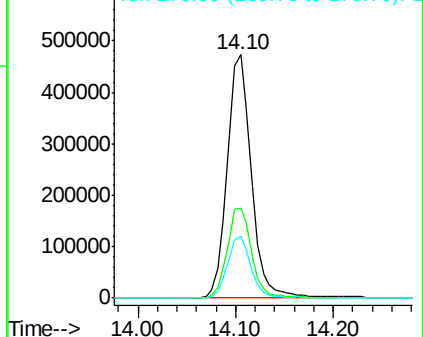


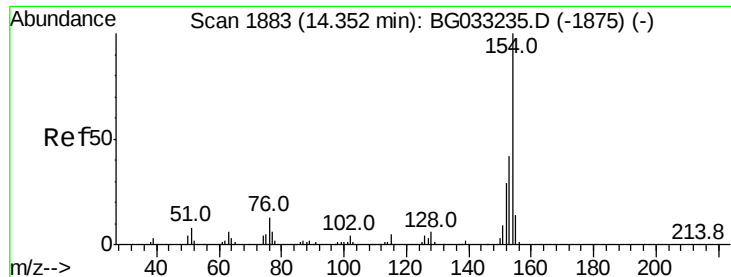
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 45.966 ng

RT: 14.32 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BG033704.D

Acq: 10 Apr 2018 7:03

Instrument :

BNA_G

ClientSampleId :

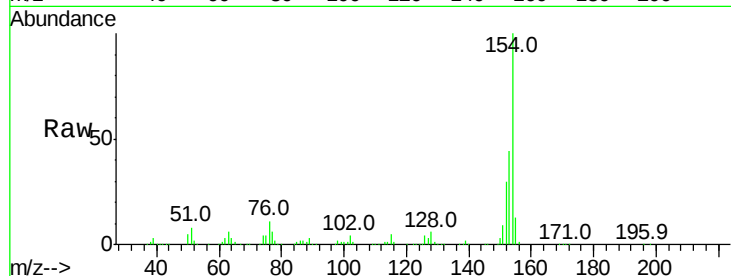
Tot Ion:154 Resp: 422376

Ion Ratio Lower Upper

154 100

153 43.9 19.8 59.8

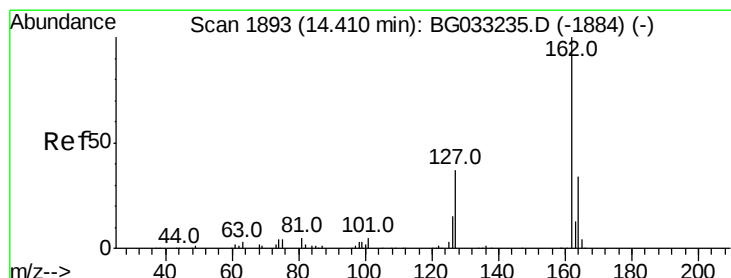
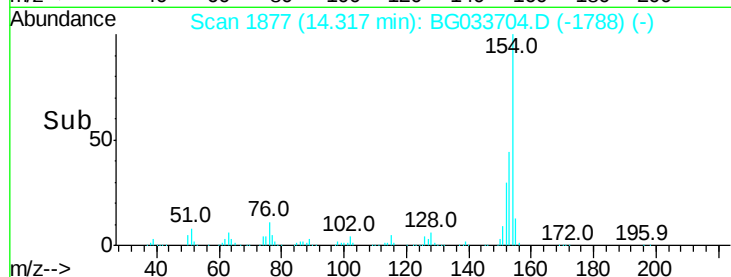
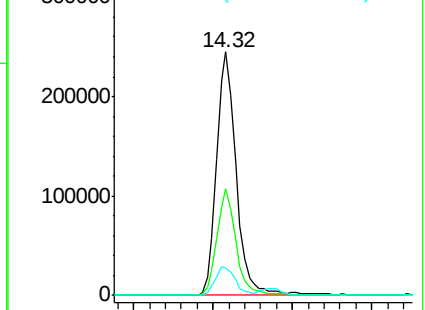
76 11.4 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): B



#46

2-Chloronaphthalene

Concen: 45.206 ng

RT: 14.38 min Scan# 1887

Delta R.T. 0.00 min

Lab File: BG033704.D

Acq: 10 Apr 2018 7:03

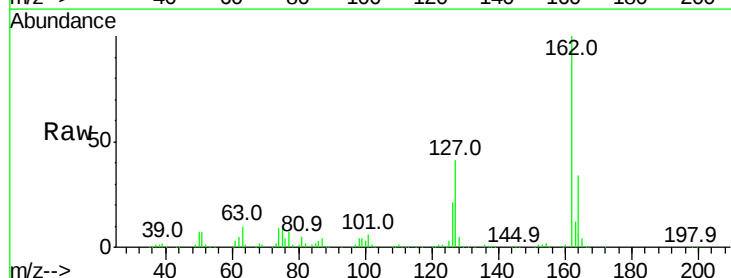
Tgt Ion:162 Resp: 320288

Ion Ratio Lower Upper

162 100

127 40.7 30.7 46.1

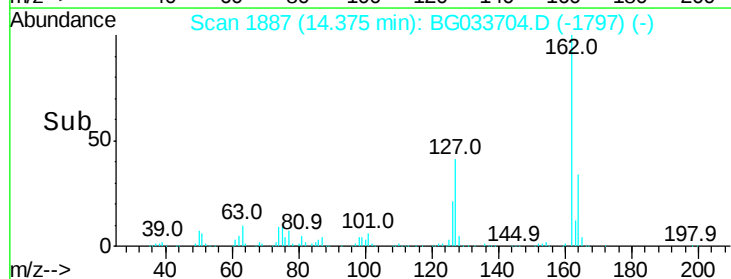
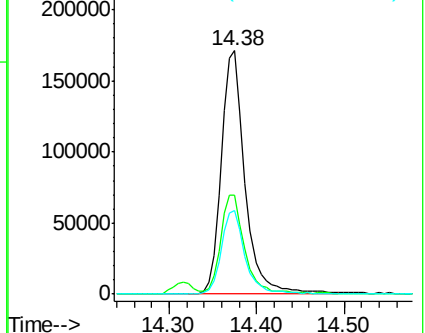
164 34.3 26.0 39.0

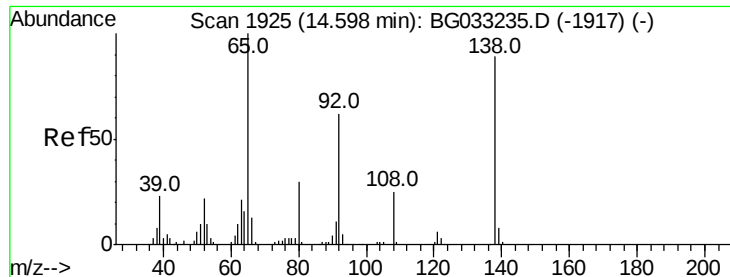


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

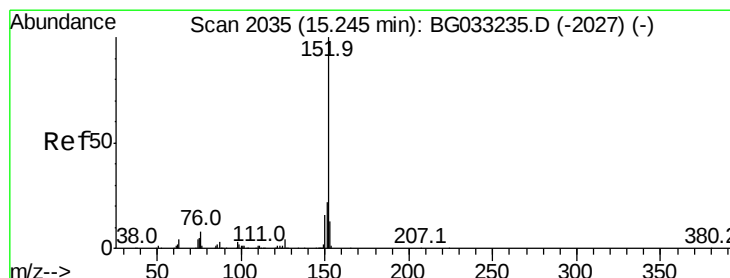
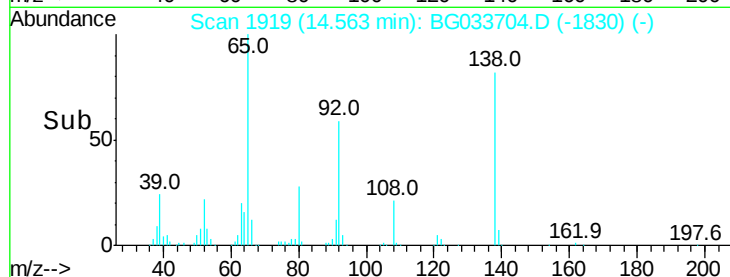
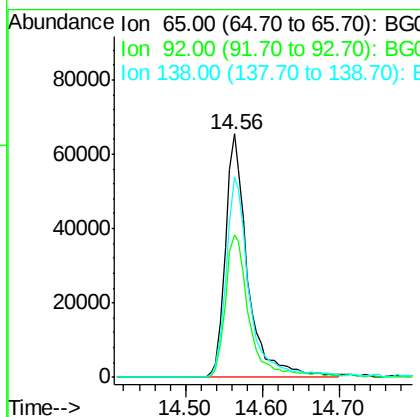
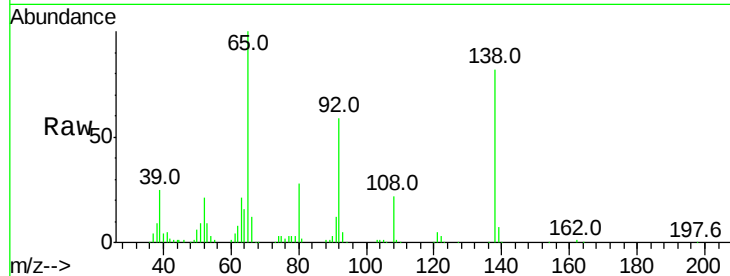




#47
2-Nitroaniline
Concen: 50.038 ng
RT: 14.56 min Scan# 1919
Delta R.T. -0.01 min
Lab File: BG033704.D
Acq: 10 Apr 2018 7:03

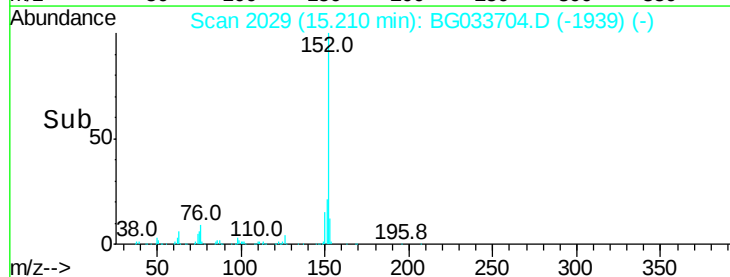
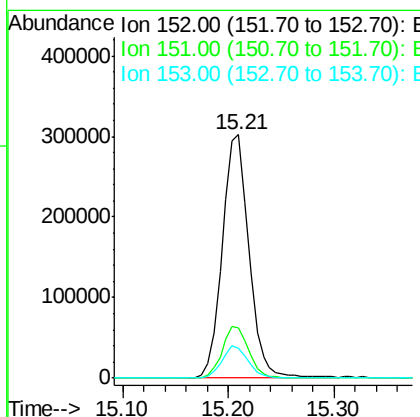
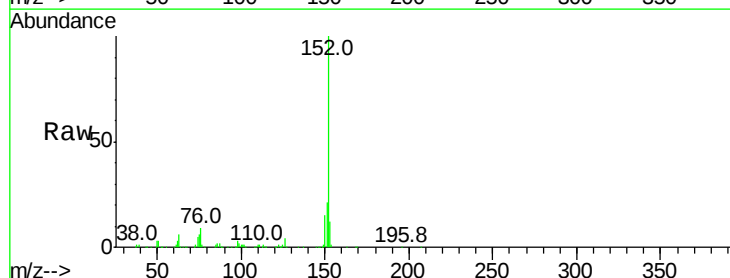
Instrument :
BNA_G
ClientSampleId :

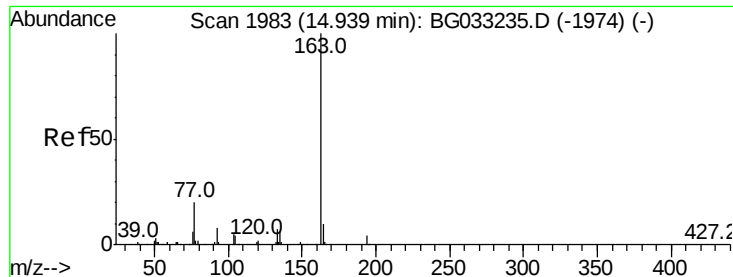
Tot Ion: 65 Resp: 132788
Ion Ratio Lower Upper
65 100
92 58.8 54.6 82.0
138 82.1 72.9 109.3



#48
Acenaphthylene
Concen: 44.583 ng
RT: 15.21 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BG033704.D
Acq: 10 Apr 2018 7:03

Tgt Ion: 152 Resp: 527252
Ion Ratio Lower Upper
152 100
151 20.8 17.2 25.8
153 12.1 10.2 15.4





#49

Dimethylphthalate

Concen: 44.826 ng

RT: 14.90 min Scan# 1977

Delta R.T. 0.00 min

Lab File: BG033704.D

Acq: 10 Apr 2018 7:03

Instrument :

BNA_G

ClientSampleId :

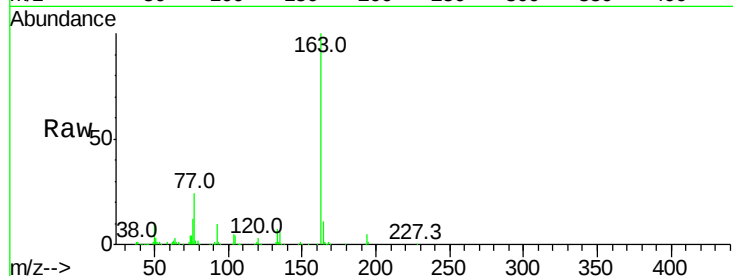
Tot Ion:163 Resp: 466587

Ion Ratio Lower Upper

163 100

194 4.6 3.4 5.2

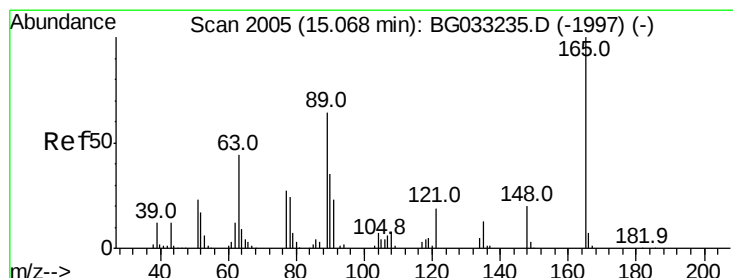
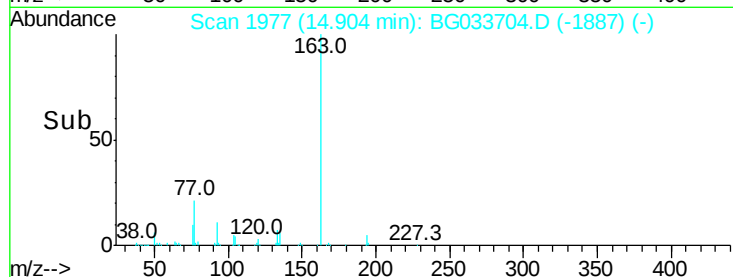
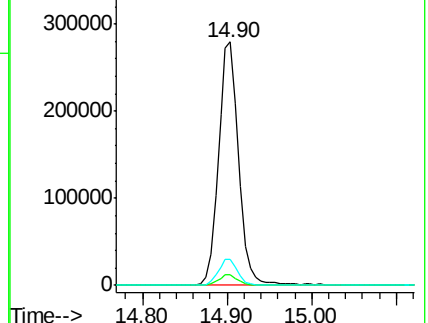
164 10.7 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 47.756 ng

RT: 15.03 min Scan# 1999

Delta R.T. -0.01 min

Lab File: BG033704.D

Acq: 10 Apr 2018 7:03

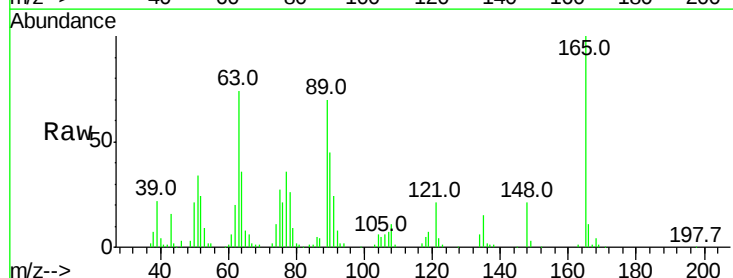
Tgt Ion:165 Resp: 101640

Ion Ratio Lower Upper

165 100

63 74.4 52.7 79.1

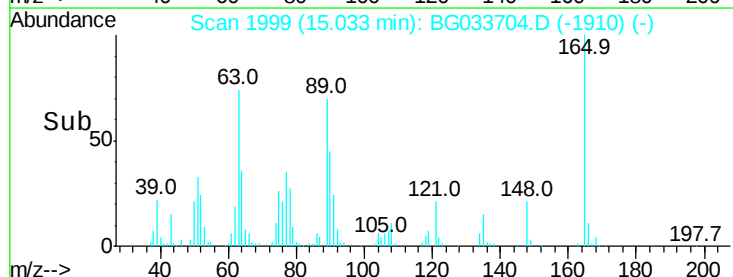
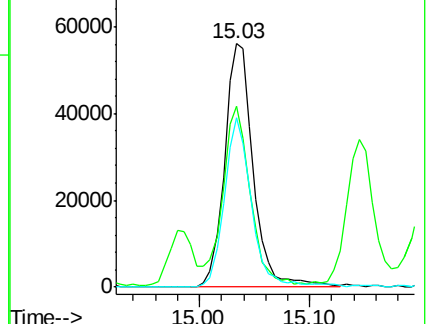
89 69.6 49.2 73.8

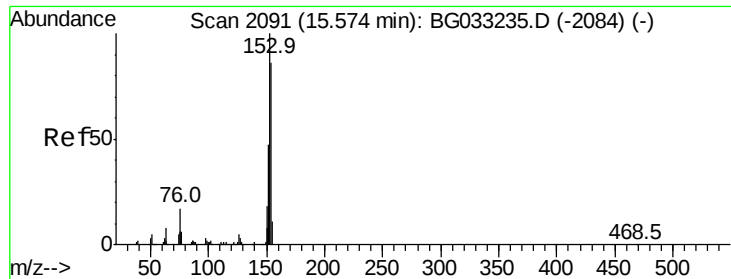


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 45.560 ng

RT: 15.54 min Scan# 2085

Delta R.T. -0.01 min

Lab File: BG033704.D

Acq: 10 Apr 2018 7:03

Instrument :

BNA_G

ClientSampleId :

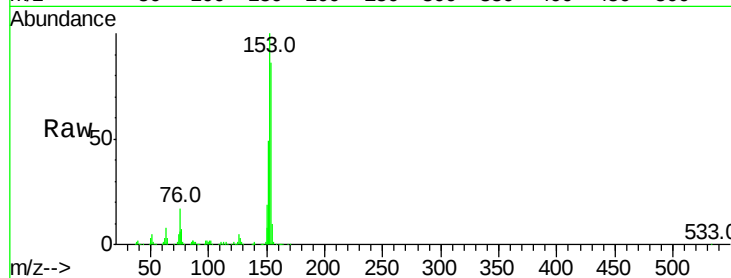
Tot Ion:154 Resp: 347341

Ion Ratio Lower Upper

154 100

153 115.6 90.4 135.6

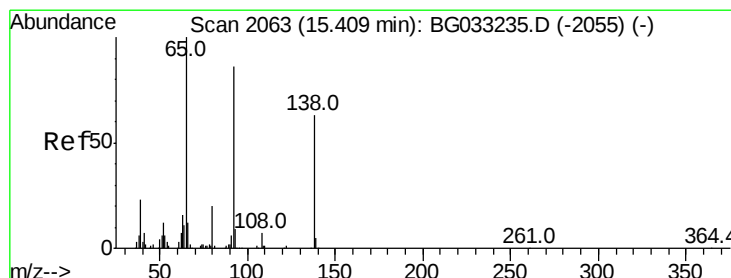
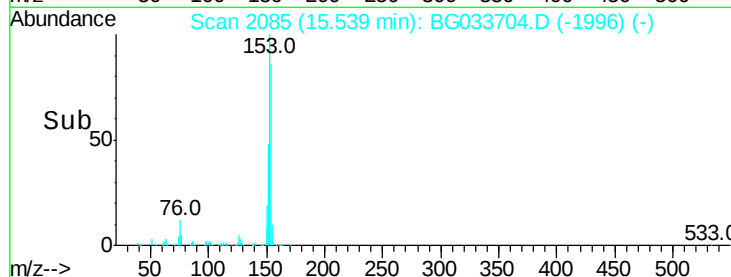
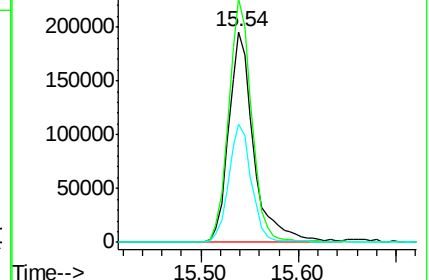
152 56.1 41.6 62.4



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: 14.207 ng

RT: 15.38 min Scan# 2058

Delta R.T. 0.00 min

Lab File: BG033704.D

Acq: 10 Apr 2018 7:03

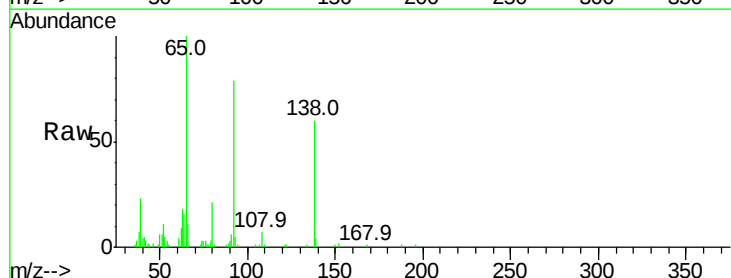
Tgt Ion:138 Resp: 31701

Ion Ratio Lower Upper

138 100

108 11.6 17.5 26.3#

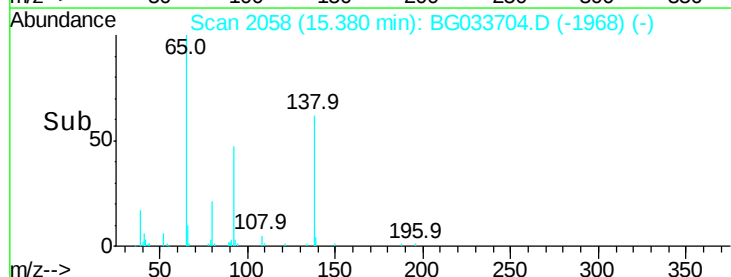
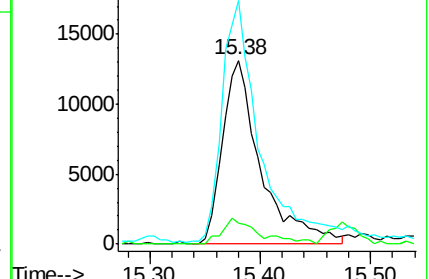
92 132.3 105.8 158.8

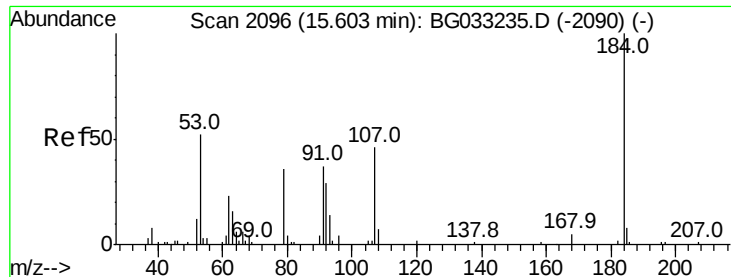


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

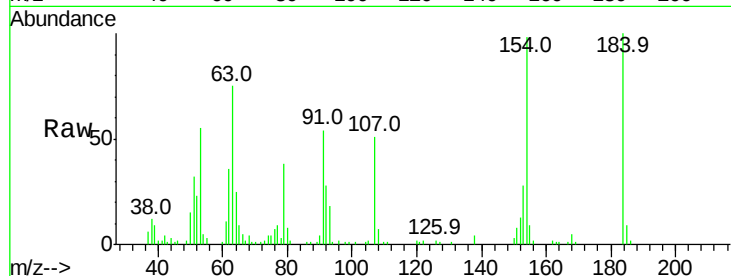




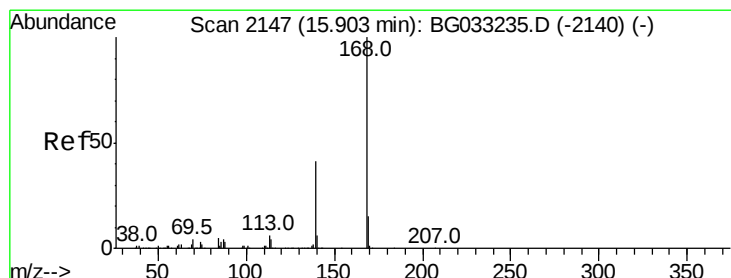
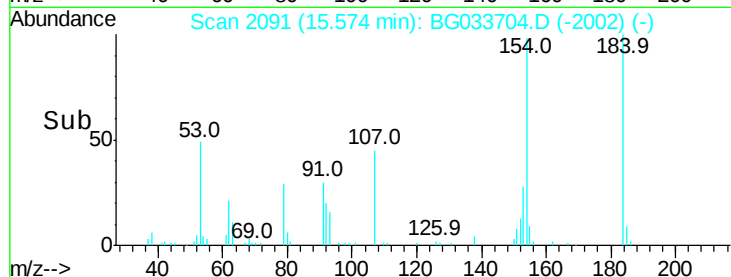
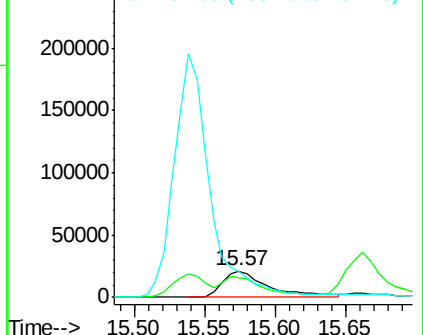
#53
 2,4-Dinitrophenol
 Concen: 46.765 ng
 RT: 15.57 min Scan# 2091
 Delta R.T. -0.01 min
 Lab File: BG033704.D
 Acq: 10 Apr 2018 7:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:184 Resp: 47674
 Ion Ratio Lower Upper
 184 100
 63 74.7 59.8 89.8
 154 97.8 101.8 152.8#

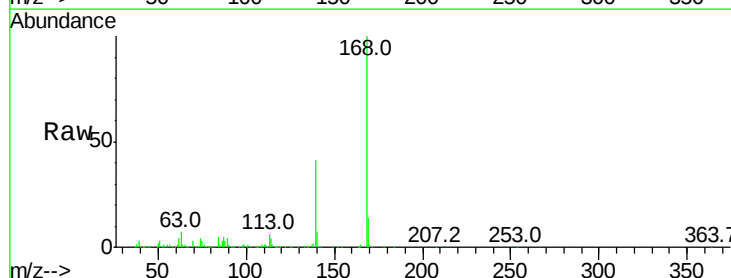


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 154.00 (153.70 to 154.70): E

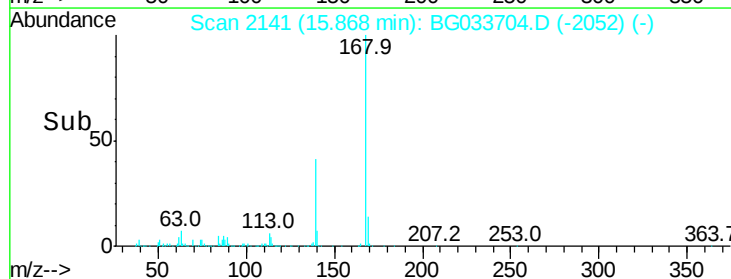
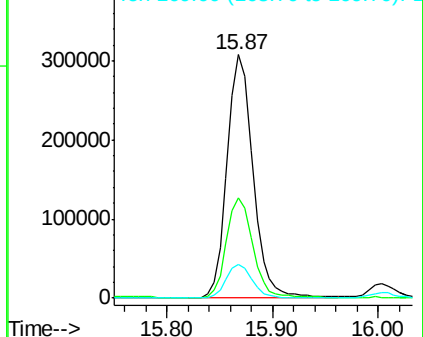


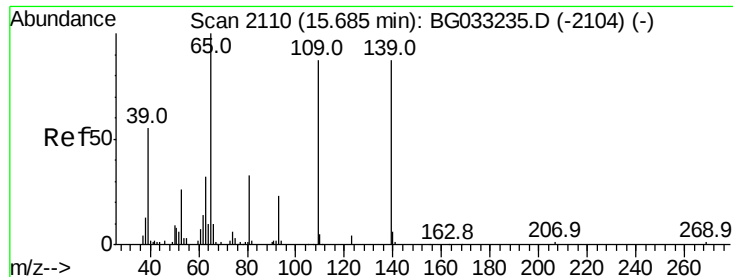
#54
 Dibenzofuran
 Concen: 46.640 ng
 RT: 15.87 min Scan# 2141
 Delta R.T. -0.01 min
 Lab File: BG033704.D
 Acq: 10 Apr 2018 7:03

Tgt Ion:168 Resp: 525225
 Ion Ratio Lower Upper
 168 100
 139 41.4 28.6 43.0
 169 14.1 11.2 16.8



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

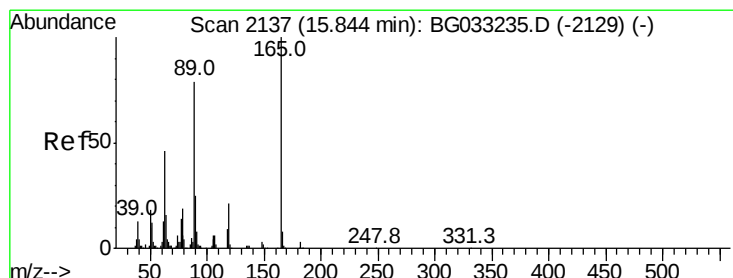
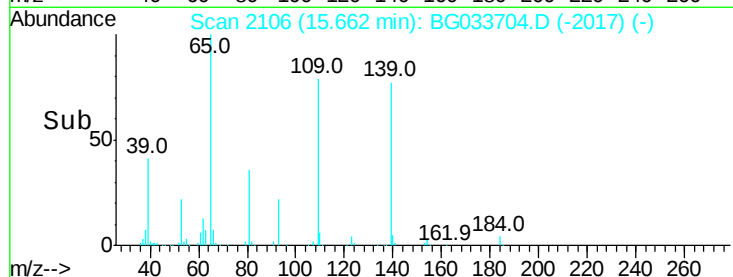
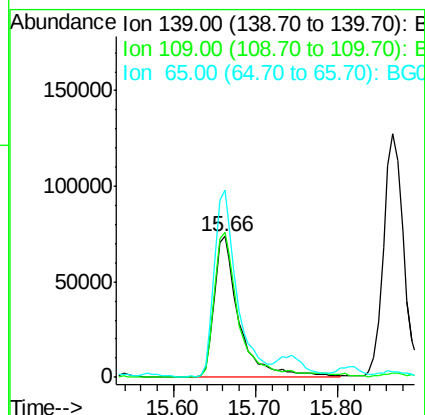
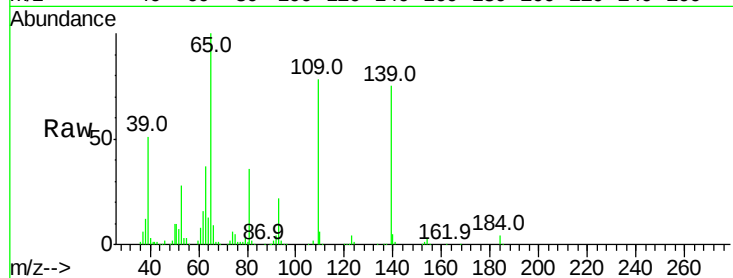




#55
4-Nitrophenol
Concen: 99.950 ng
RT: 15.66 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BG033704.D
Acq: 10 Apr 2018 7:03

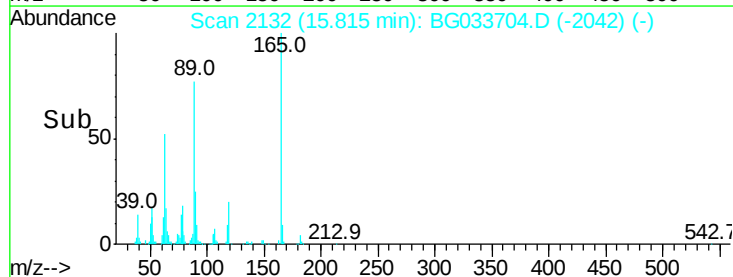
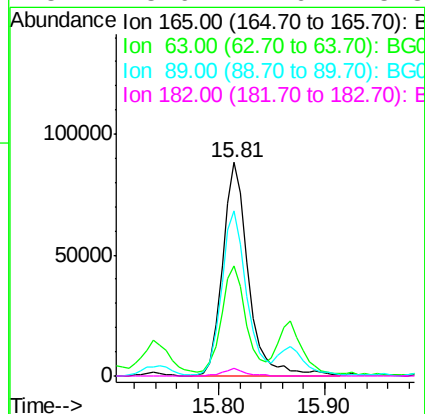
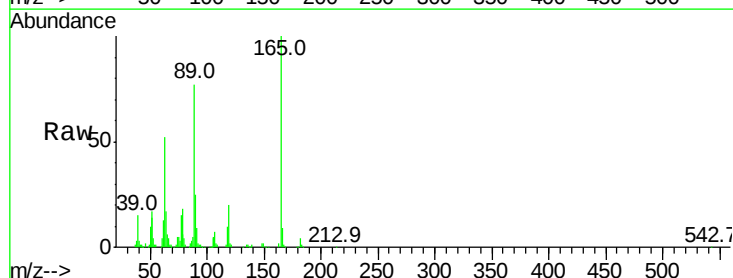
Instrument :
BNA_G
ClientSampleId :

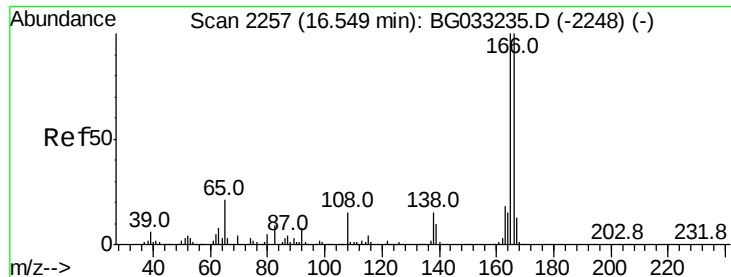
Tot Ion:139 Resp: 156822
Ion Ratio Lower Upper
139 100
109 103.4 62.2 102.2#
65 133.1 97.2 137.2



#56
2,4-Dinitrotoluene
Concen: 47.952 ng
RT: 15.81 min Scan# 2132
Delta R.T. 0.00 min
Lab File: BG033704.D
Acq: 10 Apr 2018 7:03

Tgt Ion:165 Resp: 150267
Ion Ratio Lower Upper
165 100
63 51.6 42.0 63.0
89 77.1 66.9 100.3
182 3.6 2.6 3.8





#57

Fluorene

Concen: 45.356 ng

RT: 16.51 min Scan# 2251

Delta R.T. 0.00 min

Lab File: BG033704.D

Acq: 10 Apr 2018 7:03

Instrument :

BNA_G

ClientSampleId :

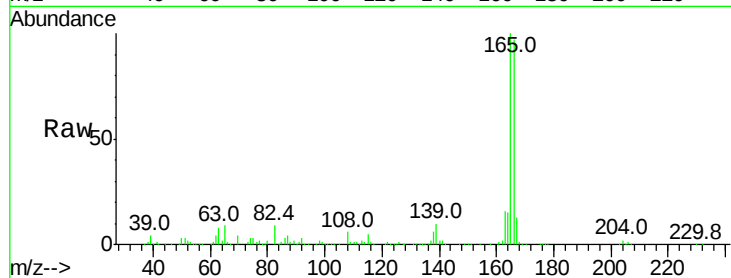
Tot Ion:166 Resp: 435139

Ion Ratio Lower Upper

166 100

165 103.1 80.6 121.0

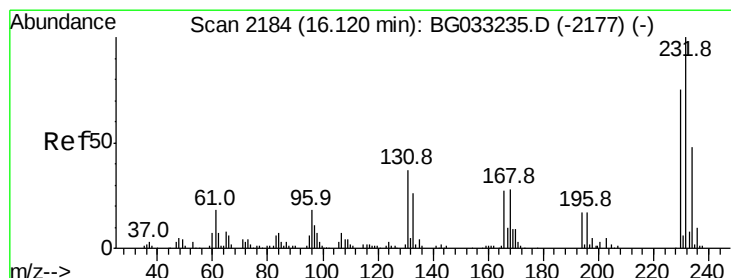
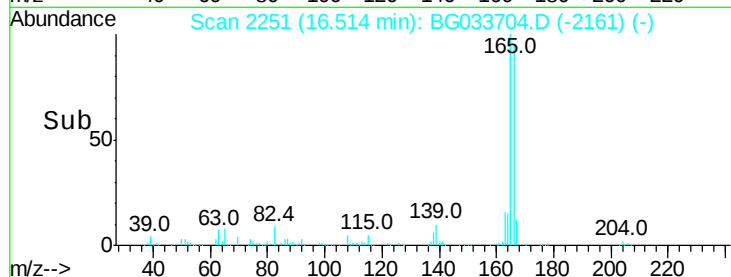
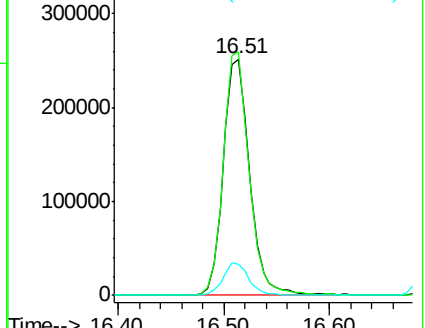
167 13.0 10.4 15.6



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: 49.261 ng

RT: 16.09 min Scan# 2178

Delta R.T. 0.00 min

Lab File: BG033704.D

Acq: 10 Apr 2018 7:03

Tgt Ion:232 Resp: 137977

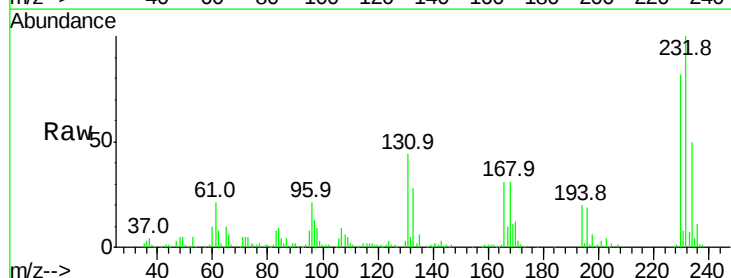
Ion Ratio Lower Upper

232 100

131 40.9 33.5 50.3

130 2.6 2.2 3.2

166 29.4 24.8 37.2

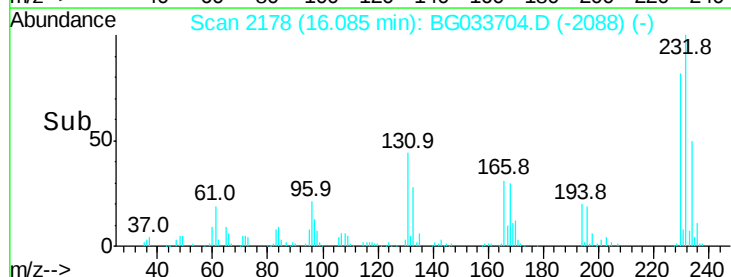
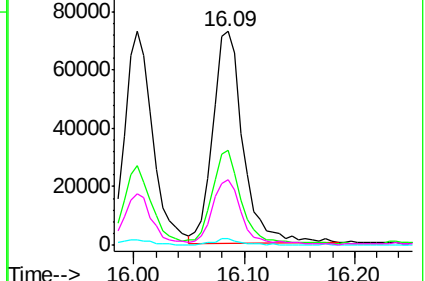


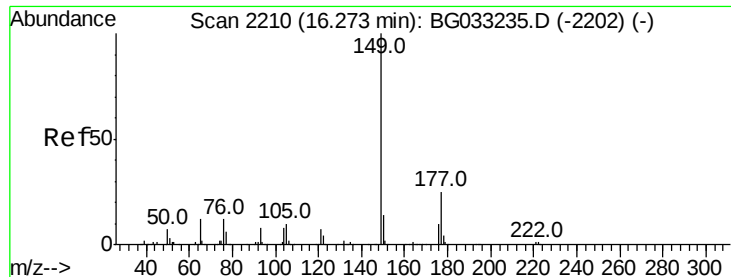
Abundance Ion 232.00 (231.70 to 232.70): E

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

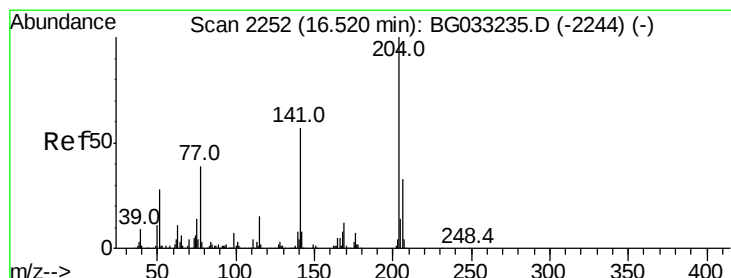
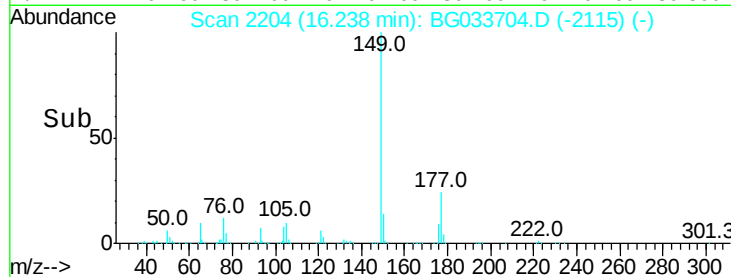
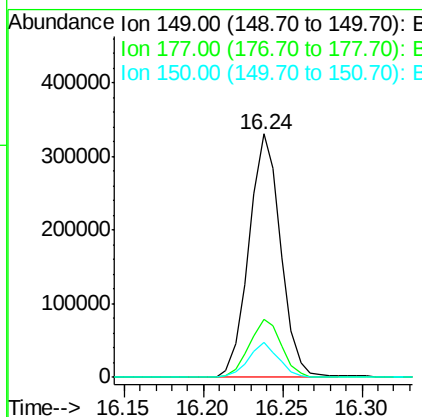
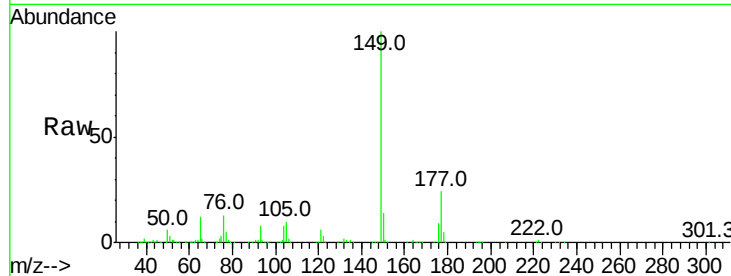




#59
Diethylphthalate
Concen: 45.570 ng
RT: 16.24 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BG033704.D
Acq: 10 Apr 2018 7:03

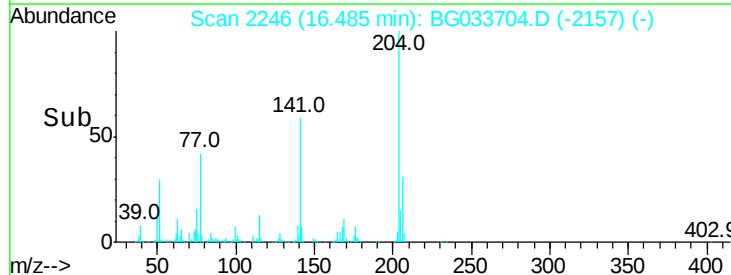
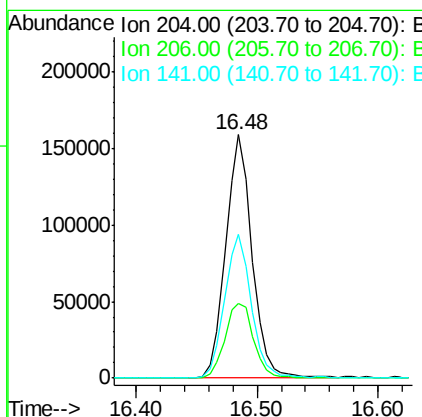
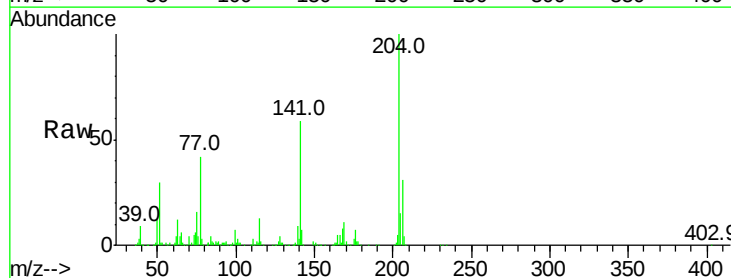
Instrument :
BNA_G
ClientSampleId :

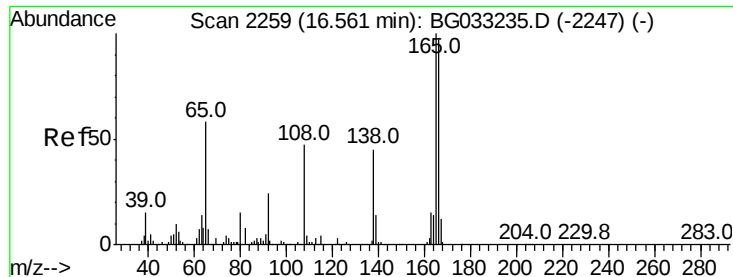
Tot Ion	Ratio	Lower	Upper
149	100		
177	24.0	18.5	27.7
150	14.3	10.2	15.2



#60
4-Chlorophenyl-phenylether
Concen: 43.753 ng
RT: 16.48 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BG033704.D
Acq: 10 Apr 2018 7:03

Tgt Ion	Ratio	Lower	Upper
204	100		
206	30.6	26.2	39.2
141	59.2	45.8	68.6

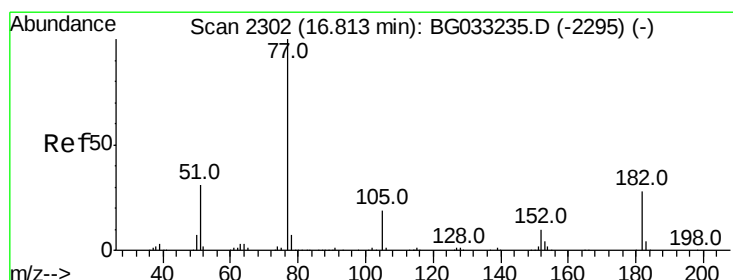
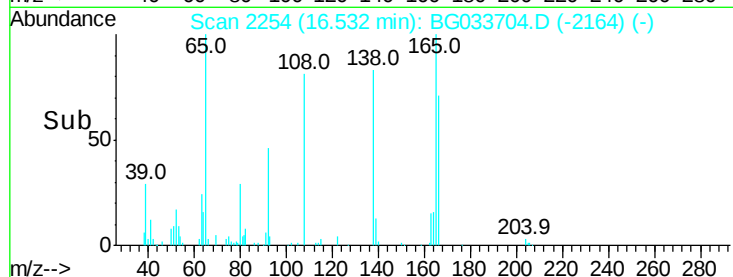
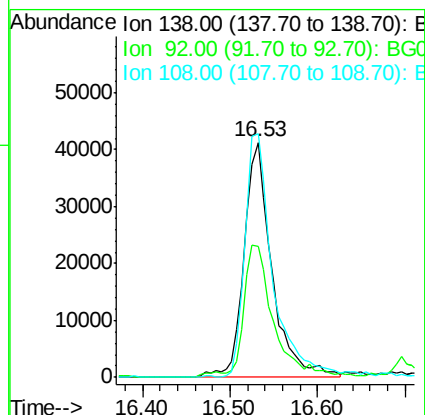
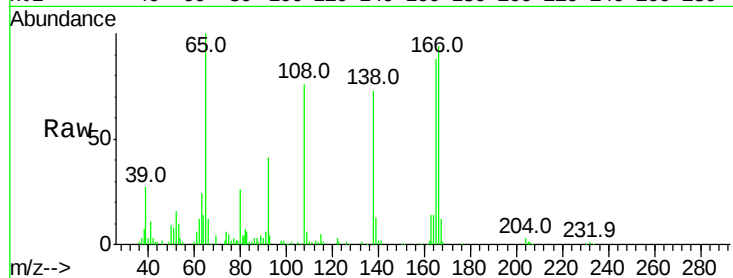




#61
4-Nitroaniline
Concen: 39.351 ng
RT: 16.53 min Scan# 2254
Delta R.T. 0.00 min
Lab File: BG033704.D
Acq: 10 Apr 2018 7:03

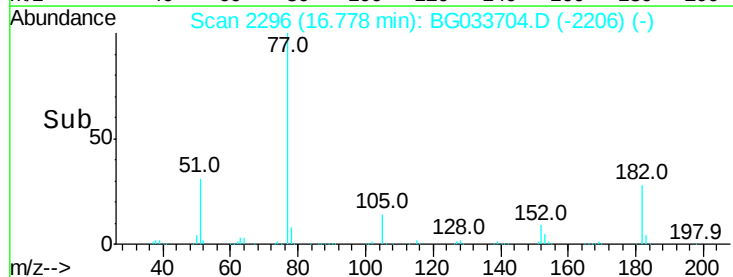
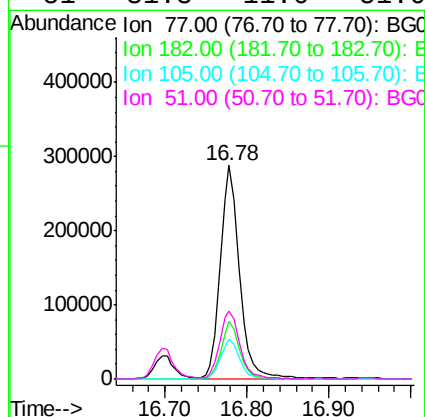
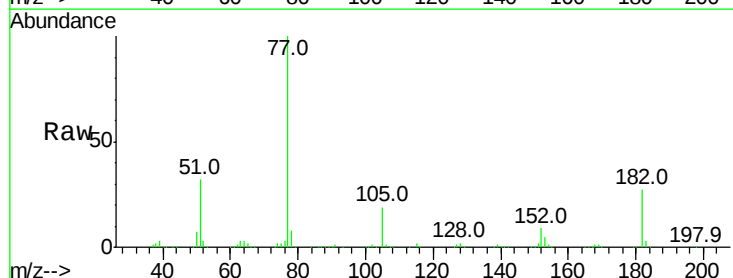
Instrument :
BNA_G
ClientSampled :

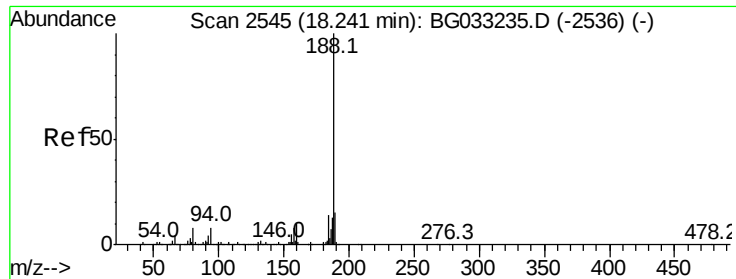
Tot Ion:138 Resp: 88916
Ion Ratio Lower Upper
138 100
92 55.9 40.1 80.1
108 103.6 65.4 105.4



#62
Azobenzene
Concen: 47.932 ng
RT: 16.78 min Scan# 2296
Delta R.T. 0.00 min
Lab File: BG033704.D
Acq: 10 Apr 2018 7:03

Tgt Ion: 77 Resp: 469289
Ion Ratio Lower Upper
77 100
182 26.9 7.4 47.4
105 18.5 0.3 40.3
51 31.8 11.6 51.6

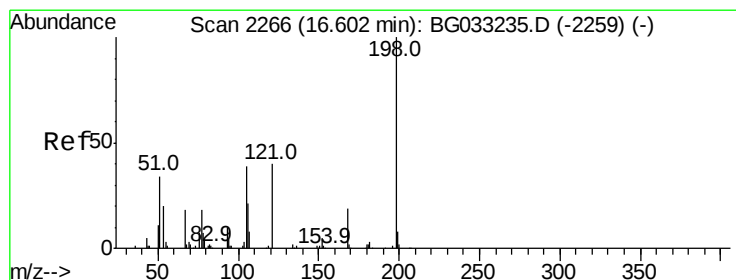
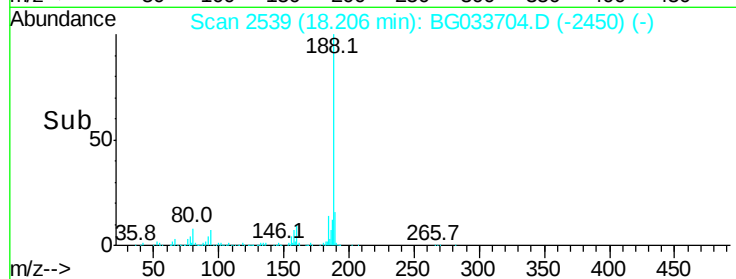
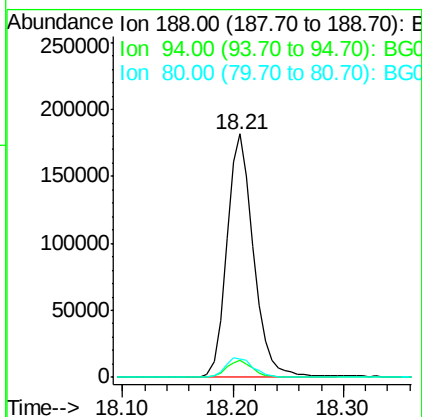
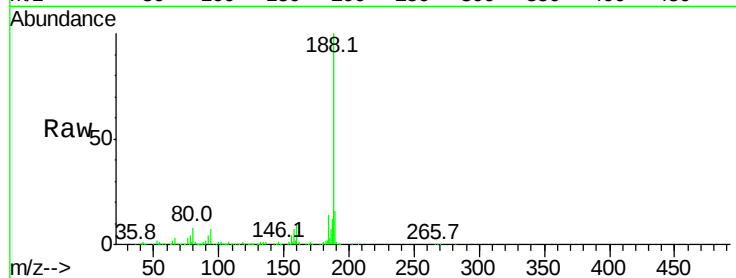




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.21 min Scan# 2539
 Delta R.T. -0.01 min
 Lab File: BG033704.D
 Acq: 10 Apr 2018 7:03

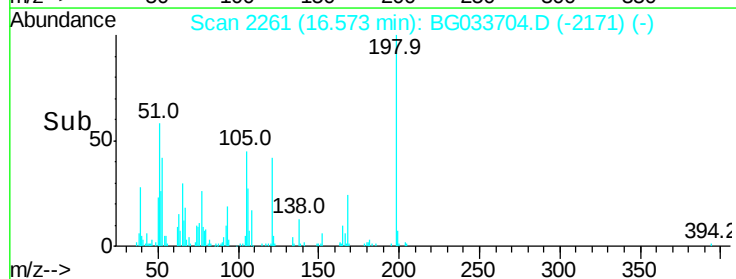
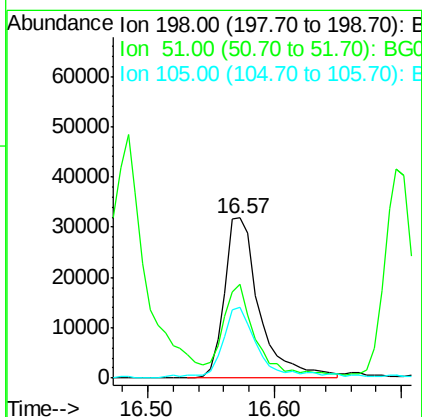
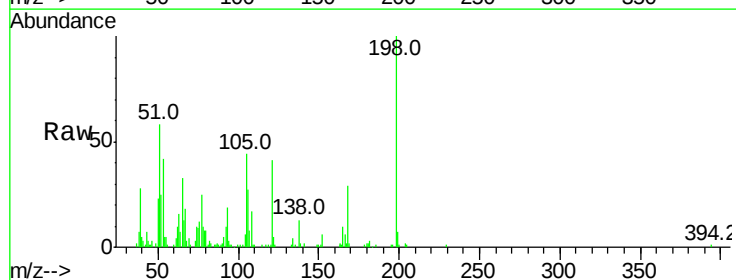
Instrument :
 BNA_G
 ClientSampled :

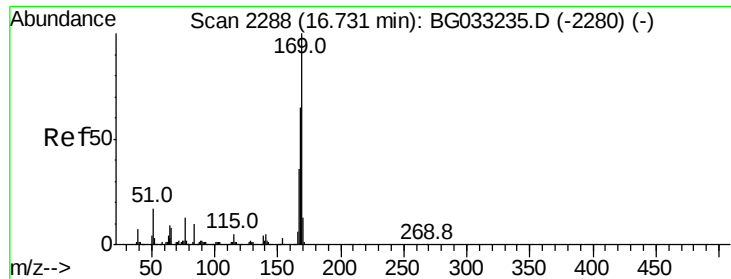
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.1	6.9	10.3
80	7.7	7.7	11.5



#64
 4,6-Dinitro-2-methylphenol
 Concen: 33.023 ng
 RT: 16.57 min Scan# 2261
 Delta R.T. 0.00 min
 Lab File: BG033704.D
 Acq: 10 Apr 2018 7:03

Tgt Ion	Ratio	Lower	Upper
198	100		
51	58.3	30.6	70.6
105	44.4	23.8	63.8





#65

n-Nitrosodiphenylamine

Concen: 46.164 ng

RT: 16.70 min Scan# 2282

Delta R.T. -0.01 min

Lab File: BG033704.D

Acq: 10 Apr 2018 7:03

Instrument :

BNA_G

ClientSampleId :

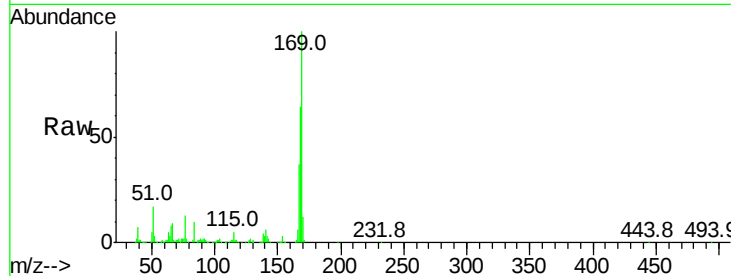
Tot Ion:169 Resp: 405019

Ion Ratio Lower Upper

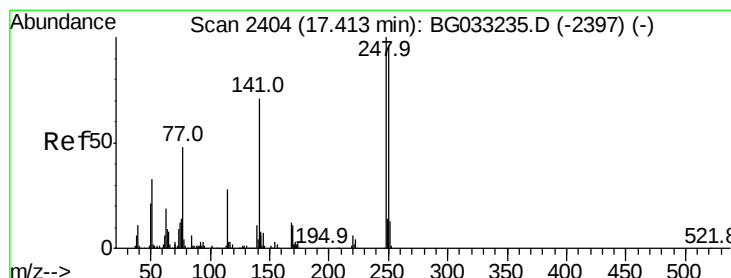
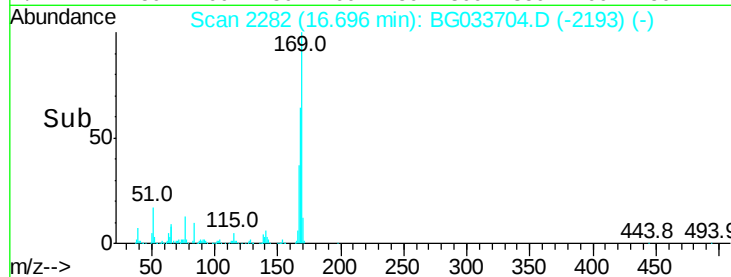
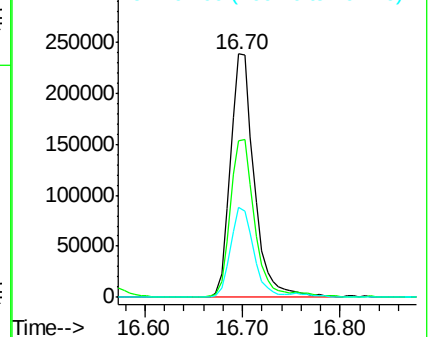
169 100

168 64.1 55.7 83.5

167 36.8 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: 44.611 ng

RT: 17.38 min Scan# 2398

Delta R.T. -0.01 min

Lab File: BG033704.D

Acq: 10 Apr 2018 7:03

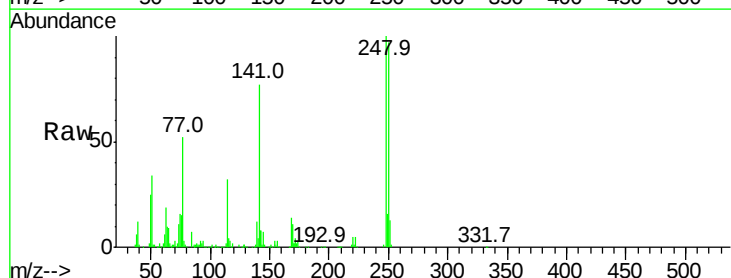
Tgt Ion:248 Resp: 161007

Ion Ratio Lower Upper

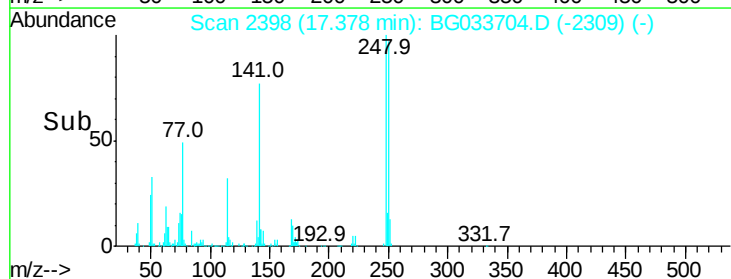
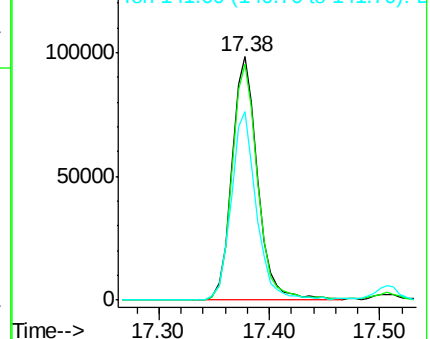
248 100

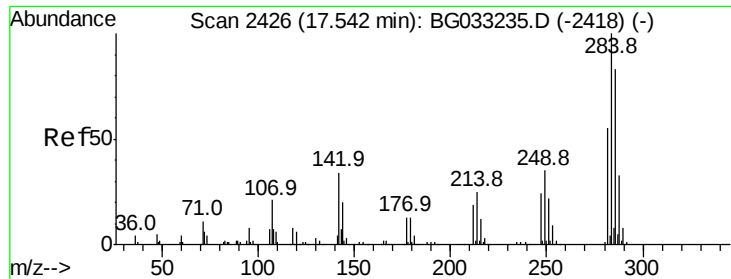
250 96.8 77.1 115.7

141 77.5 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

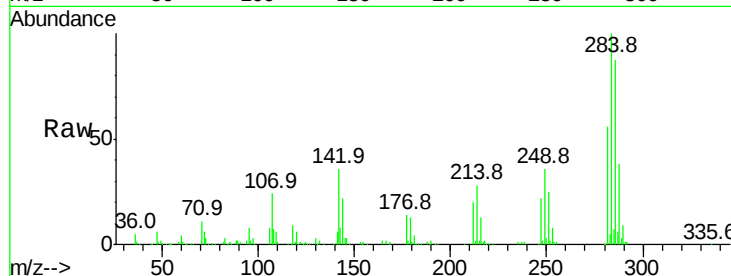




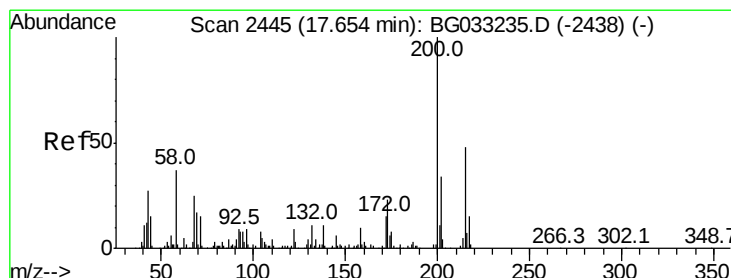
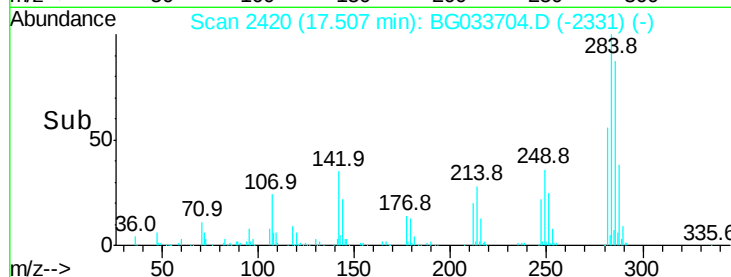
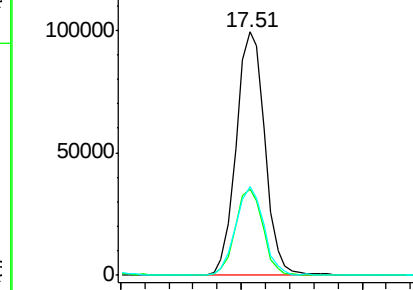
#67
Hexachlorobenzene
Concen: 43.208 ng
RT: 17.51 min Scan# 2420
Delta R.T. -0.01 min
Lab File: BG033704.D
Acq: 10 Apr 2018 7:03

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
284	100		
142	35.5	26.8	40.2
249	36.3	26.3	39.5

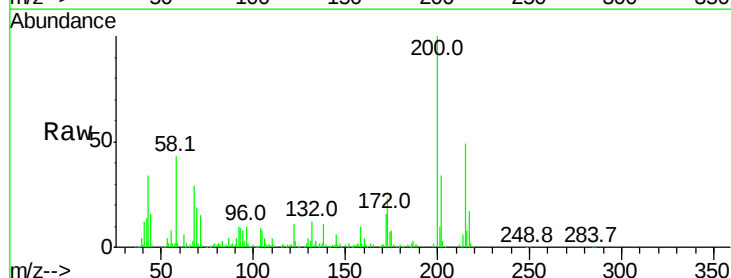


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

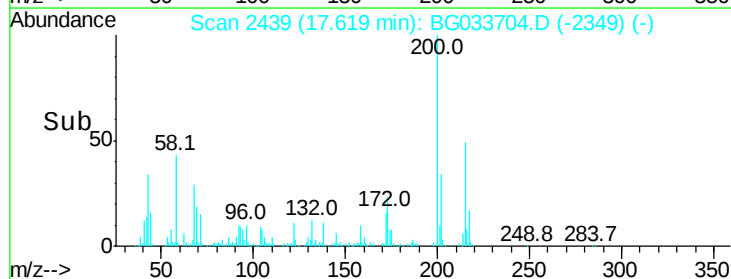
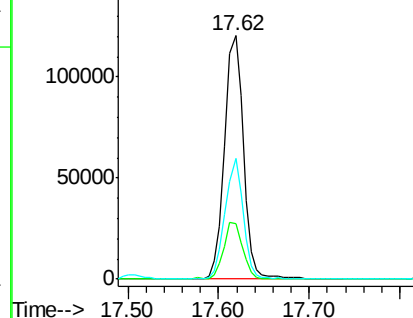


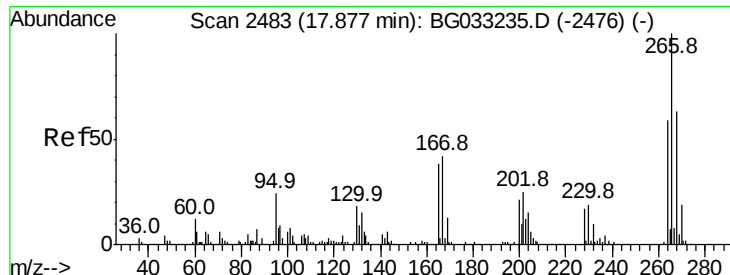
#68
Atrazine
Concen: 48.424 ng
RT: 17.62 min Scan# 2439
Delta R.T. 0.00 min
Lab File: BG033704.D
Acq: 10 Apr 2018 7:03

Tgt Ion	Ratio	Lower	Upper
200	100		
173	22.8	5.2	45.2
215	49.4	30.4	70.4



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

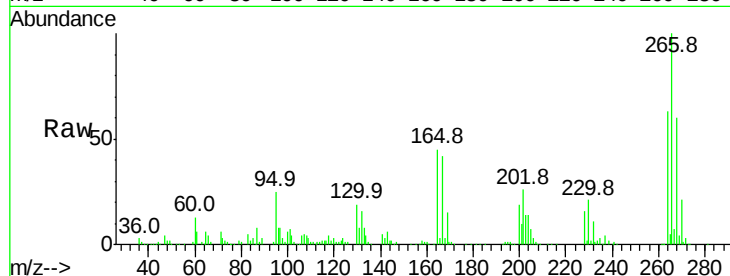




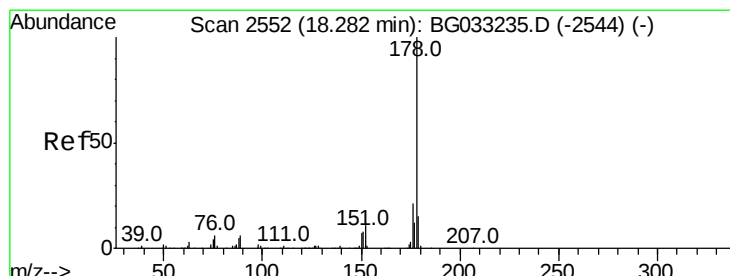
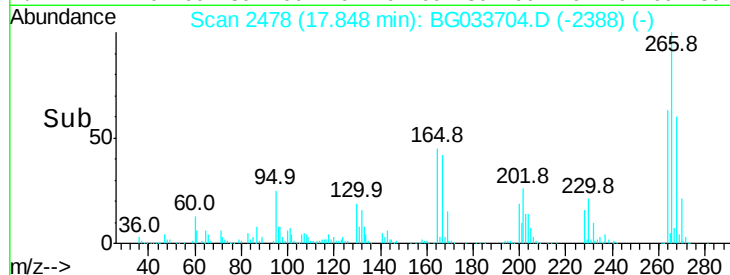
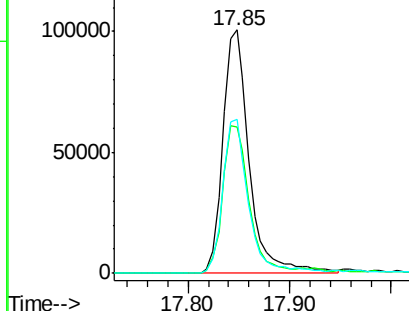
#69
 Pentachlorophenol
 Concen: 69.618 ng
 RT: 17.85 min Scan# 2478
 Delta R.T. 0.00 min
 Lab File: BG033704.D
 Acq: 10 Apr 2018 7:03

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	60.4	51.1	76.7
264	63.1	49.6	74.4

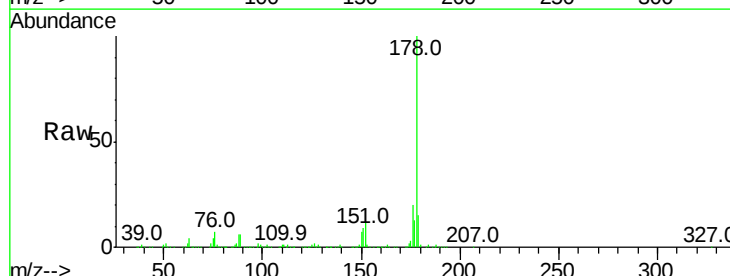


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

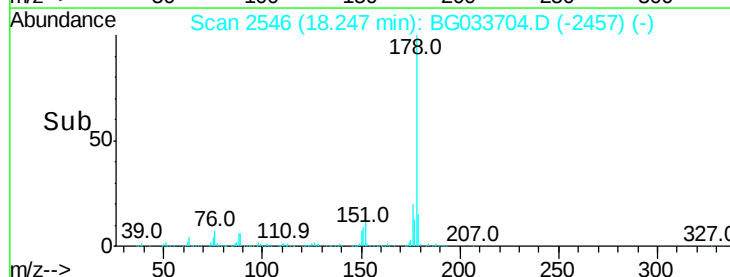
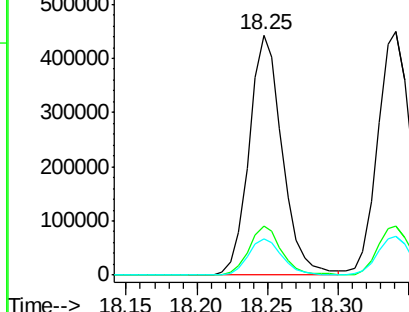


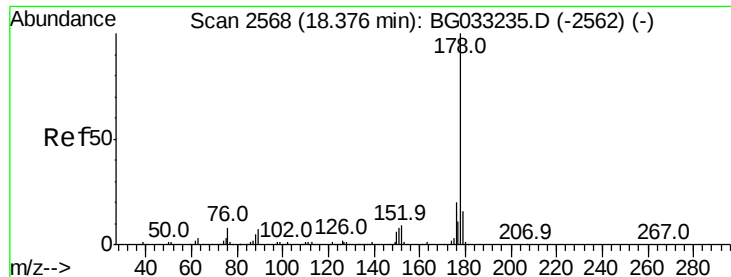
#70
 Phenanthrene
 Concen: 45.614 ng
 RT: 18.25 min Scan# 2546
 Delta R.T. -0.01 min
 Lab File: BG033704.D
 Acq: 10 Apr 2018 7:03

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.7	23.5
179	15.3	12.5	18.7



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

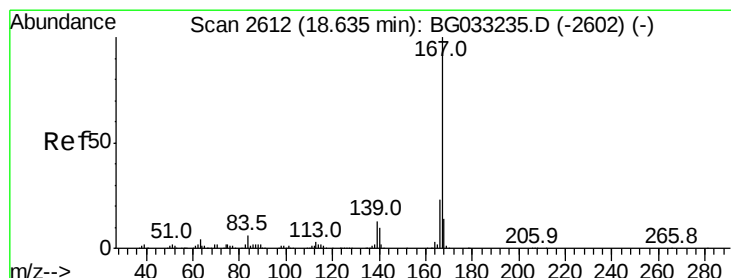
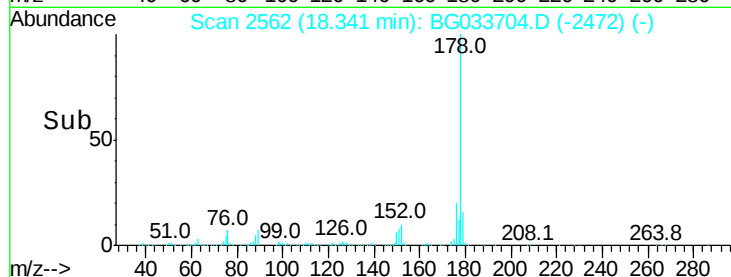
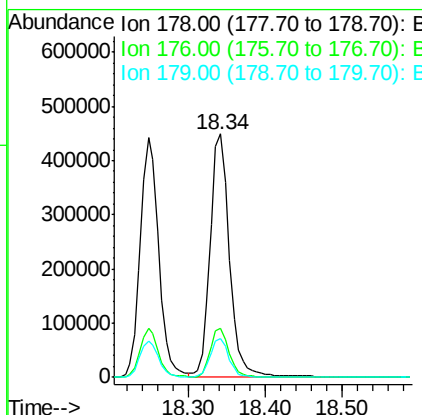
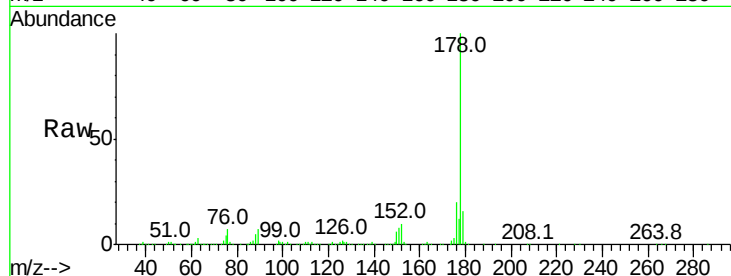




#71
 Anthracene
 Concen: 47.652 ng
 RT: 18.34 min Scan# 2562
 Delta R.T. 0.00 min
 Lab File: BG033704.D
 Acq: 10 Apr 2018 7:03

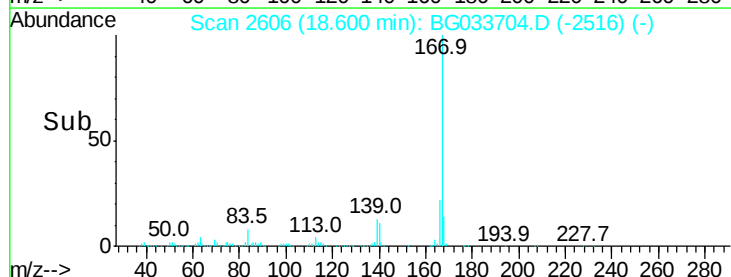
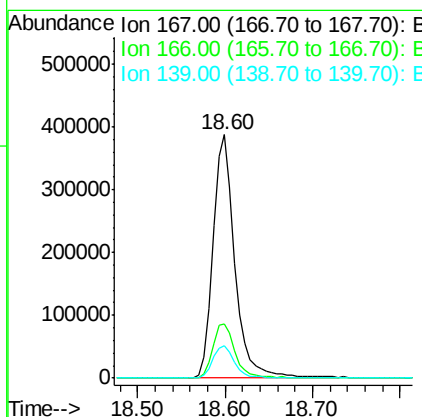
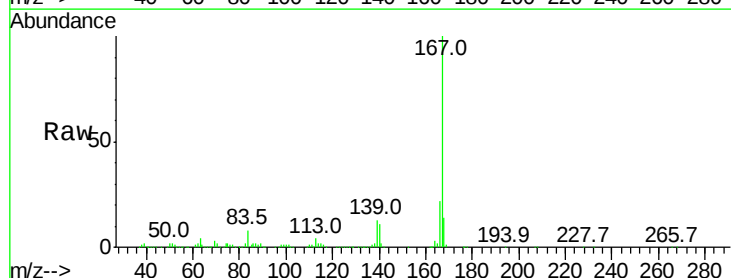
Instrument :
 BNA_G
 ClientSampleId :

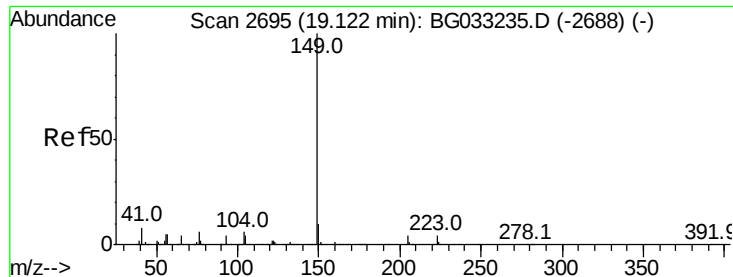
Tot Ion:178 Resp: 772233
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.0 24.0
 179 15.7 12.5 18.7



#72
 Carbazole
 Concen: 46.754 ng
 RT: 18.60 min Scan# 2606
 Delta R.T. 0.00 min
 Lab File: BG033704.D
 Acq: 10 Apr 2018 7:03

Tgt Ion:167 Resp: 671409
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.2 27.4
 139 13.4 9.4 14.2





#73

Di-n-butylphthalate

Concen: 48.715 ng

RT: 19.09 min Scan# 2689

Delta R.T. -0.01 min

Lab File: BG033704.D

Acq: 10 Apr 2018 7:03

Instrument :

BNA_G

ClientSampleId :

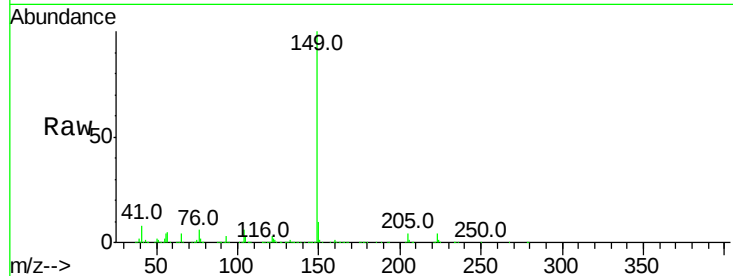
Tot Ion:149 Resp: 814270

Ion Ratio Lower Upper

149 100

150 9.9 7.8 11.6

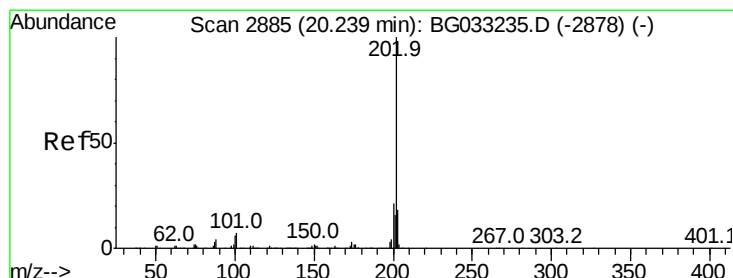
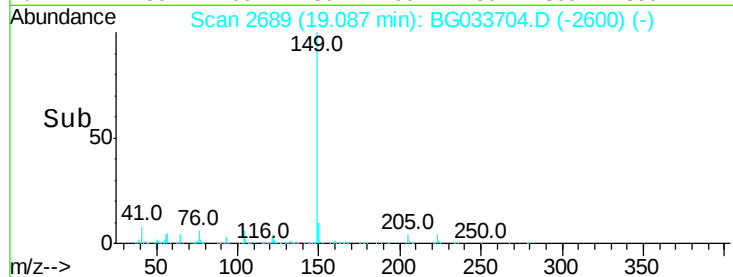
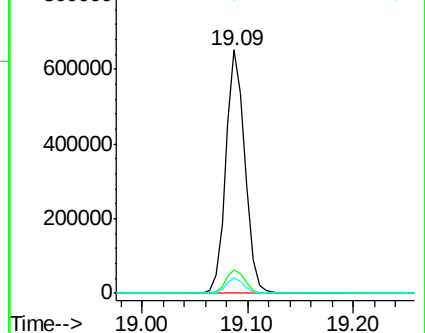
104 6.5 3.9 5.9#



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: 47.157 ng

RT: 20.20 min Scan# 2879

Delta R.T. 0.00 min

Lab File: BG033704.D

Acq: 10 Apr 2018 7:03

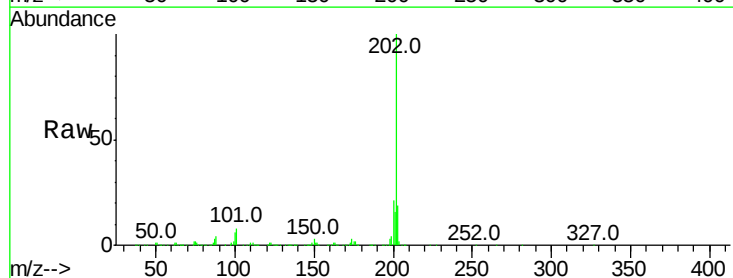
Tgt Ion:202 Resp: 934004

Ion Ratio Lower Upper

202 100

101 8.1 0.0 28.9

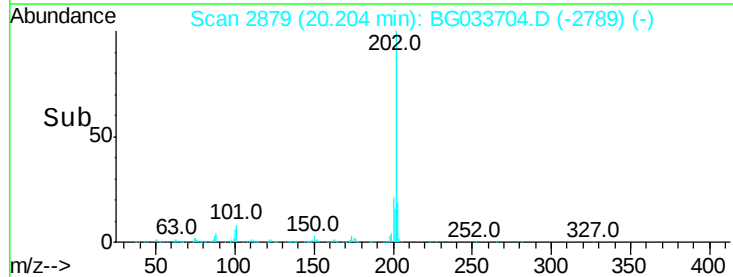
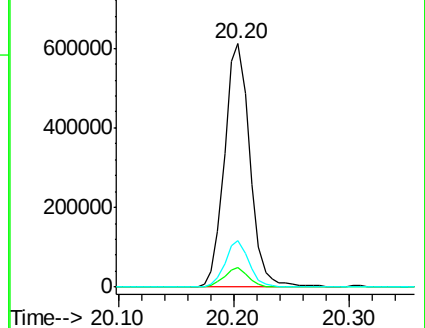
203 18.9 0.0 37.5

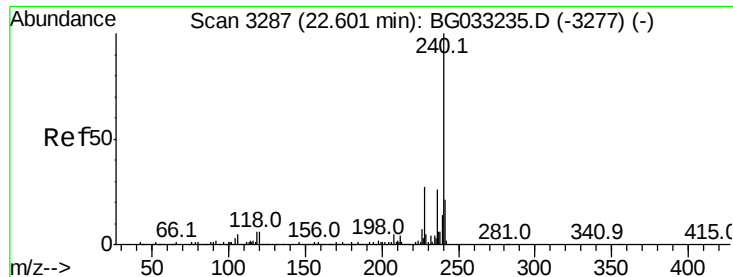


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.55 min Scan# 3279

Delta R.T. -0.01 min

Lab File: BG033704.D

Acq: 10 Apr 2018 7:03

Instrument :

BNA_G

ClientSampleId :

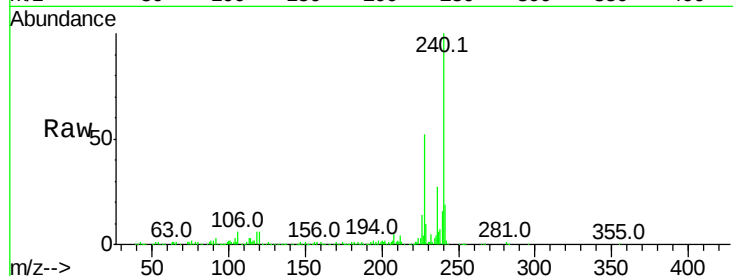
Tot Ion:240 Resp: 319440

Ion Ratio Lower Upper

240 100

120 6.1 6.8 10.2#

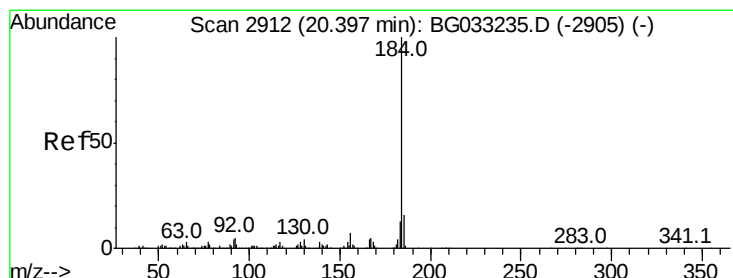
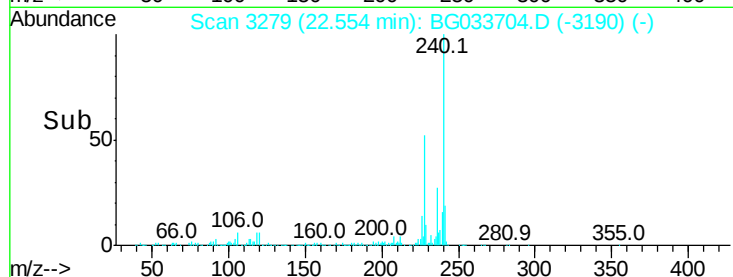
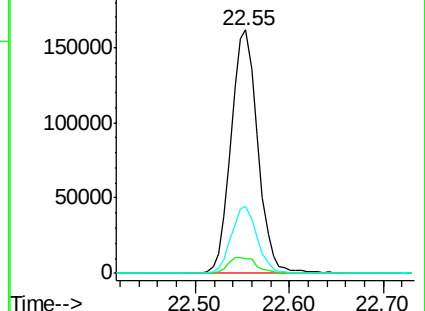
236 27.4 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 26.047 ng

RT: 20.36 min Scan# 2906

Delta R.T. -0.01 min

Lab File: BG033704.D

Acq: 10 Apr 2018 7:03

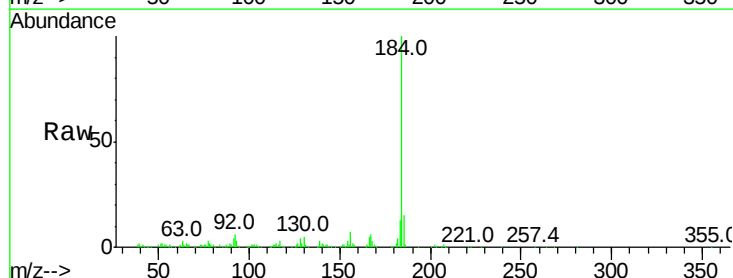
Tgt Ion:184 Resp: 225640

Ion Ratio Lower Upper

184 100

185 14.6 11.1 16.7

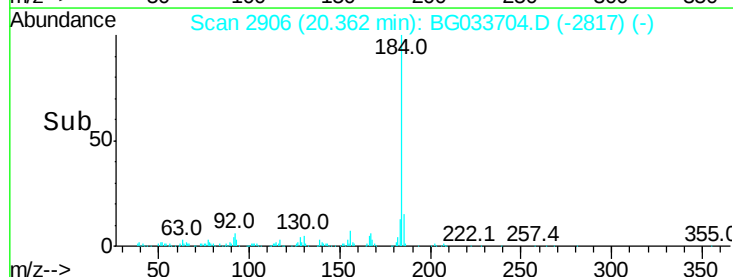
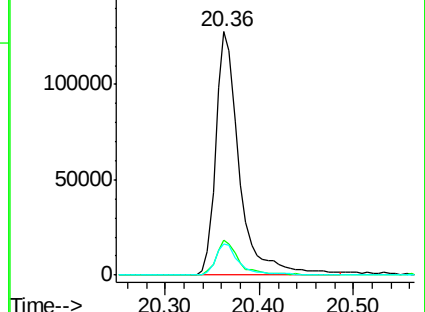
183 12.9 10.6 16.0

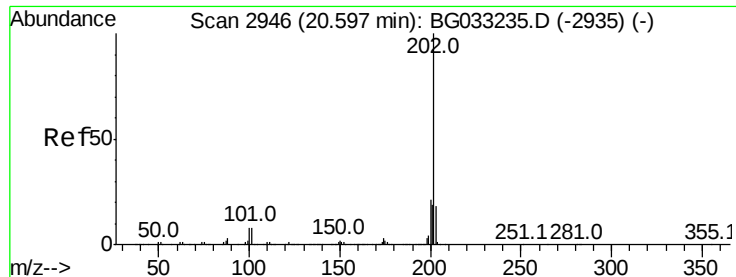


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 44.169 ng

RT: 20.56 min Scan# 2940

Delta R.T. 0.00 min

Lab File: BG033704.D

Acq: 10 Apr 2018 7:03

Instrument :

BNA_G

ClientSampleId :

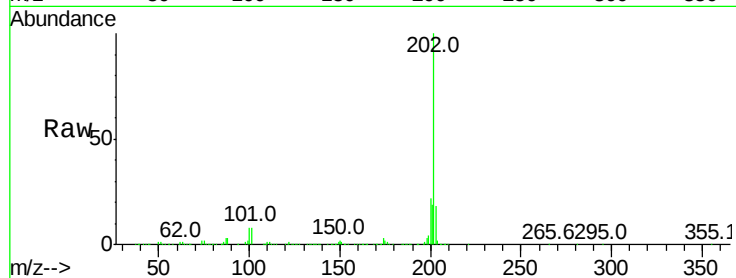
Tot Ion:202 Resp: 941003

Ion	Ratio	Lower	Upper
202	100		
200	21.7	16.9	25.3
203	17.8	13.9	20.9

202 100

200 21.7 16.9 25.3

203 17.8 13.9 20.9

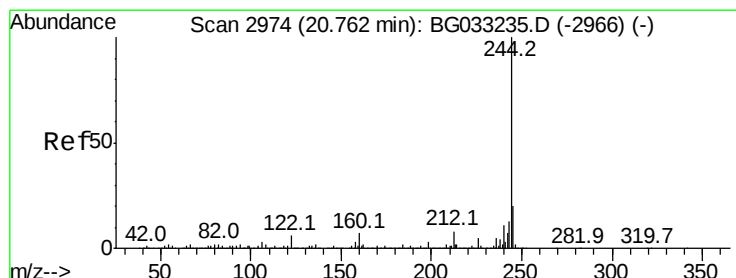
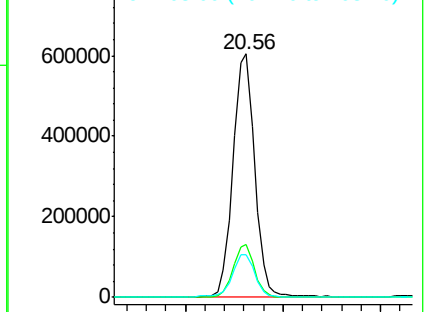
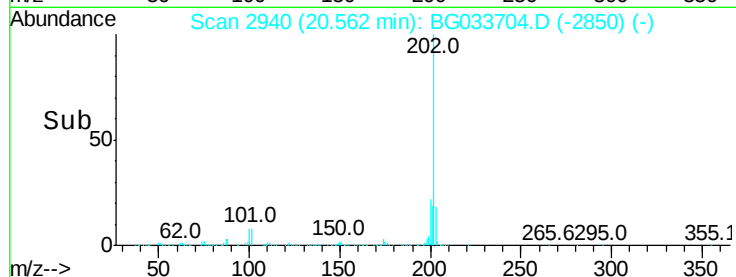


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 99.393 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.00 min

Lab File: BG033704.D

Acq: 10 Apr 2018 7:03

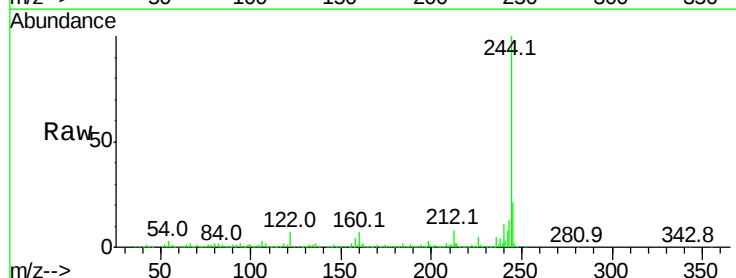
Tgt Ion:244 Resp: 1484616

Ion	Ratio	Lower	Upper
244	100		
212	8.5	5.8	8.8
122	7.2	7.0	10.4

244 100

212 8.5 5.8 8.8

122 7.2 7.0 10.4

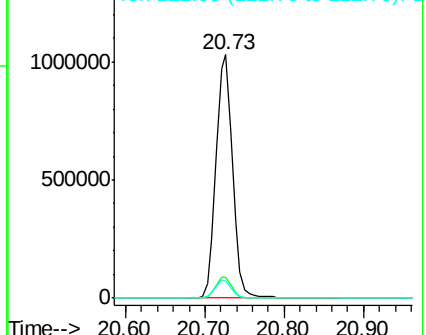
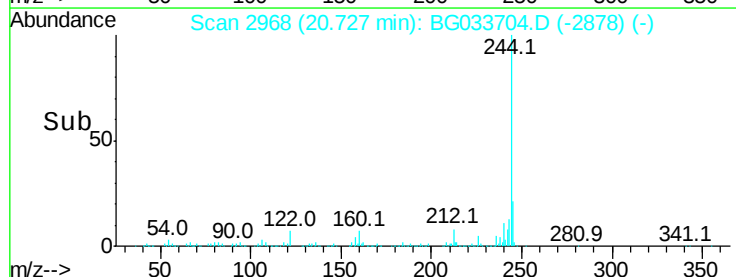


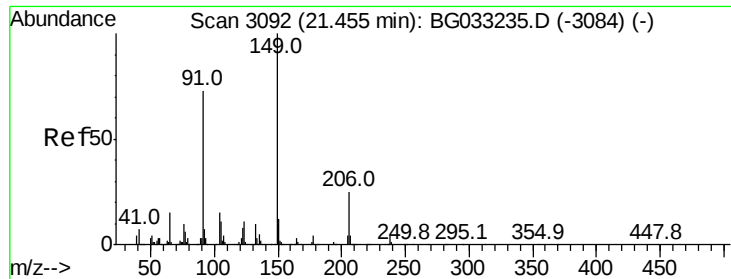
Abundance

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

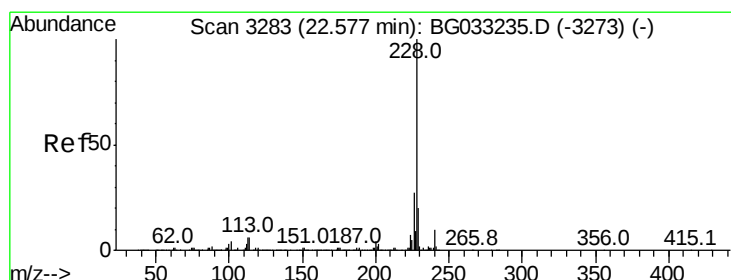
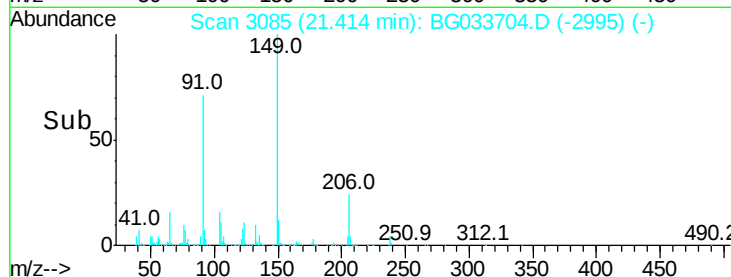
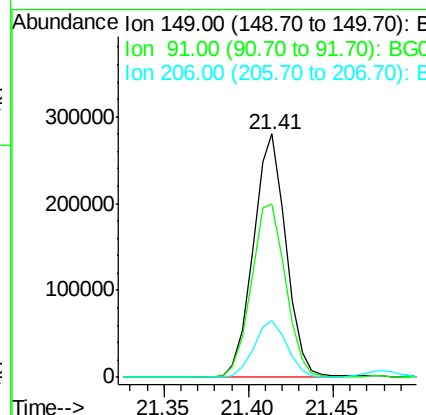
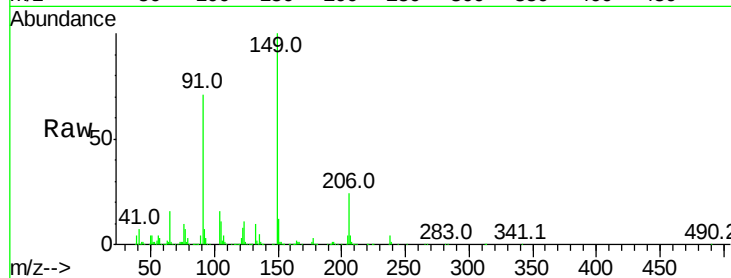




#79
 Butylbenzylphthalate
 Concen: 47.978 ng
 RT: 21.41 min Scan# 3085
 Delta R.T. 0.00 min
 Lab File: BG033704.D
 Acq: 10 Apr 2018 7:03

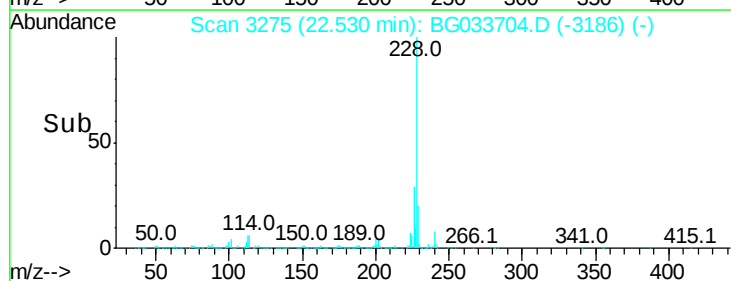
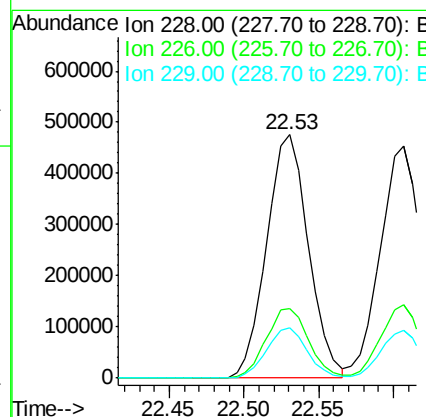
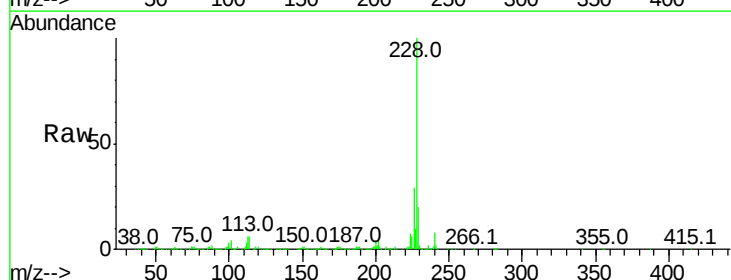
Instrument :
 BNA_G
 ClientSampleId :

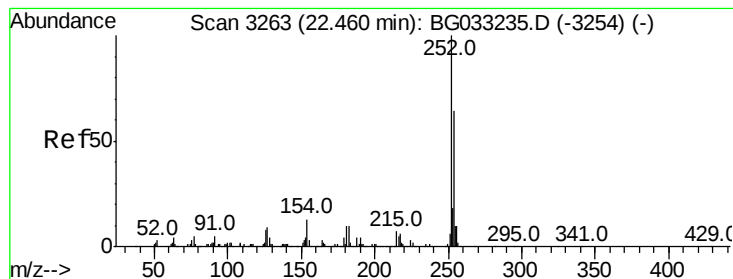
Tot Ion:149 Resp: 377197
 Ion Ratio Lower Upper
 149 100
 91 71.1 62.2 93.2
 206 23.5 18.6 27.8



#80
 Benzo(a)anthracene
 Concen: 45.637 ng
 RT: 22.53 min Scan# 3275
 Delta R.T. -0.01 min
 Lab File: BG033704.D
 Acq: 10 Apr 2018 7:03

Tgt Ion:228 Resp: 928274
 Ion Ratio Lower Upper
 228 100
 226 28.7 22.7 34.1
 229 20.5 16.2 24.2

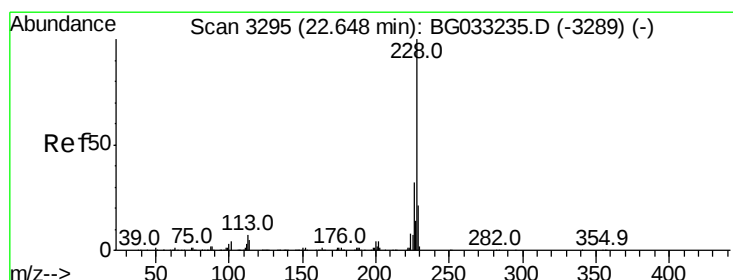
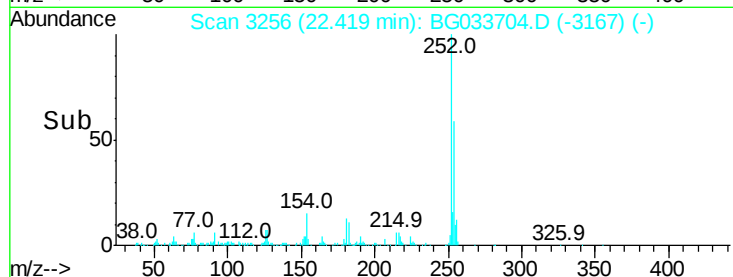
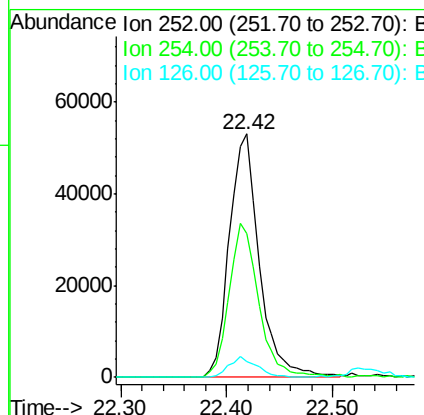
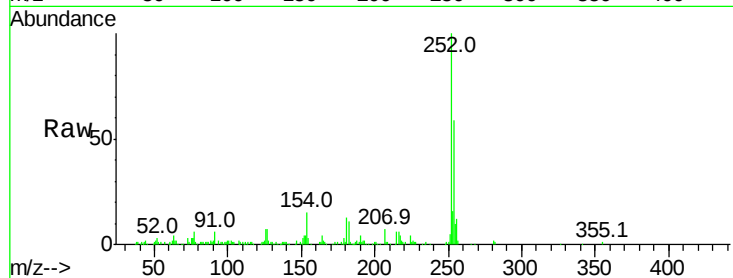




#81
 3,3'-Dichlorobenzidine
 Concen: 14.336 ng
 RT: 22.42 min Scan# 3256
 Delta R.T. -0.01 min
 Lab File: BG033704.D
 Acq: 10 Apr 2018 7:03

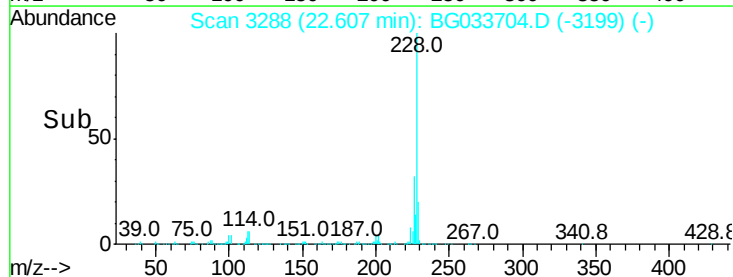
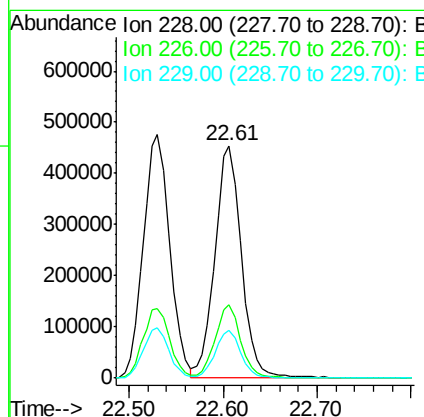
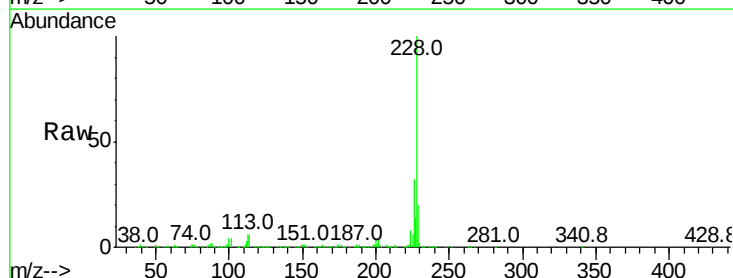
Instrument :
 BNA_G
 ClientSampleId :

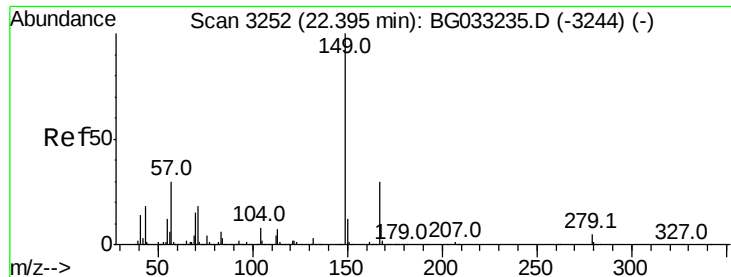
Tot Ion	Ratio	Lower	Upper
252	100		
254	59.0	50.8	76.2
126	6.5	7.4	11.2#



#82
 Chrysene
 Concen: 45.403 ng
 RT: 22.61 min Scan# 3288
 Delta R.T. -0.01 min
 Lab File: BG033704.D
 Acq: 10 Apr 2018 7:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.9	37.3
229	20.5	15.0	22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 48.693 ng

RT: 22.35 min Scan# 3244

Delta R.T. -0.01 min

Lab File: BG033704.D

Acq: 10 Apr 2018 7:03

Instrument :

BNA_G

ClientSampleId :

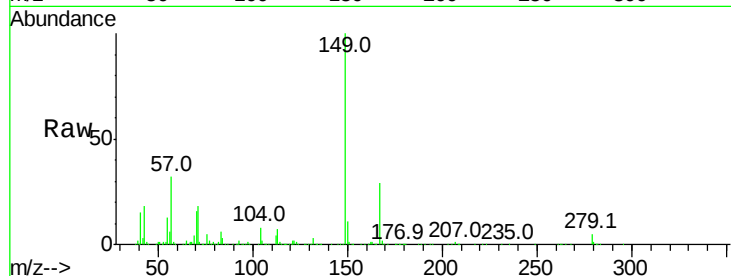
Tot Ion:149 Resp: 527716

Ion Ratio Lower Upper

149 100

167 29.1 24.3 36.5

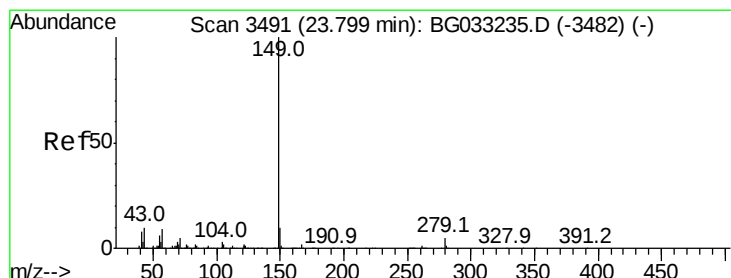
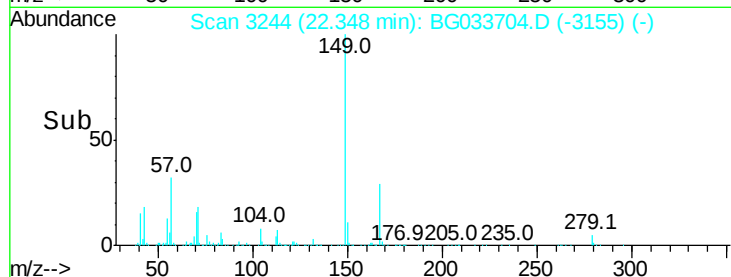
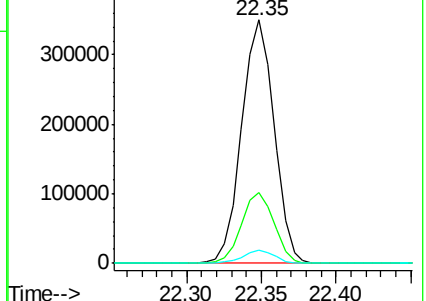
279 5.3 4.0 6.0



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: 54.807 ng

RT: 23.73 min Scan# 3480

Delta R.T. -0.01 min

Lab File: BG033704.D

Acq: 10 Apr 2018 7:03

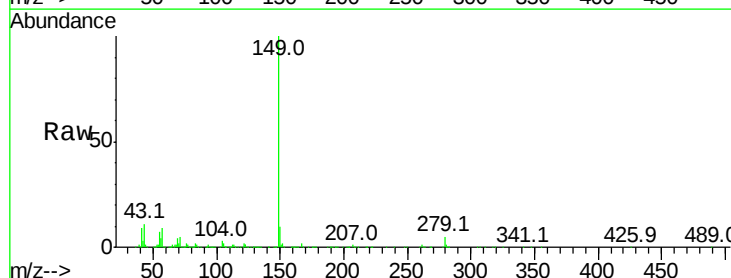
Tgt Ion:149 Resp: 909466

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

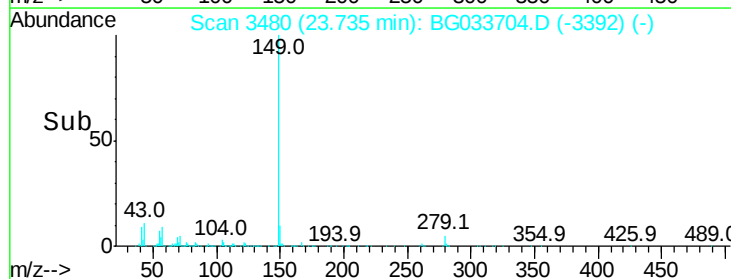
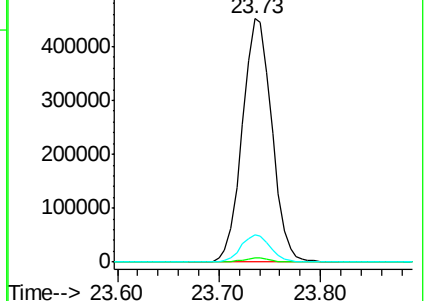
43 11.0 8.9 13.3

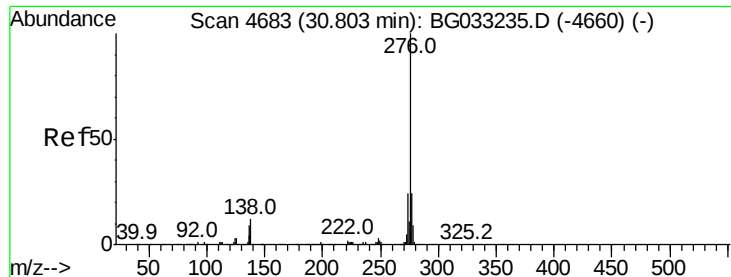


Abundance Ion 149.00 (148.70 to 149.70): E

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: 49.634 ng

RT: 30.67 min Scan# 4661

Delta R.T. -0.02 min

Lab File: BG033704.D

Acq: 10 Apr 2018 7:03

Instrument :

BNA_G

ClientSampleId :

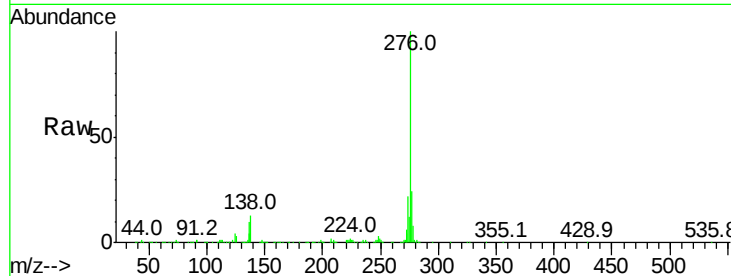
Tot Ion:276 Resp: 1056617

Ion Ratio Lower Upper

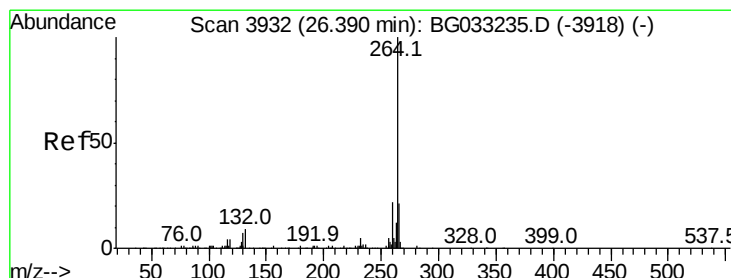
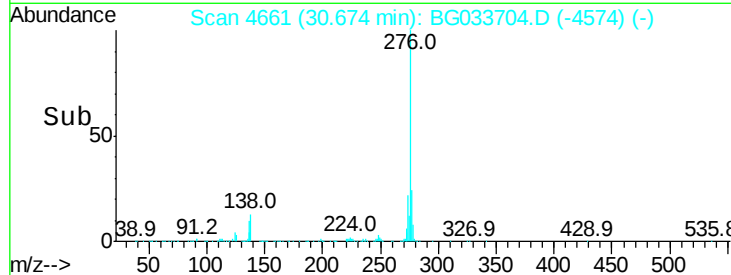
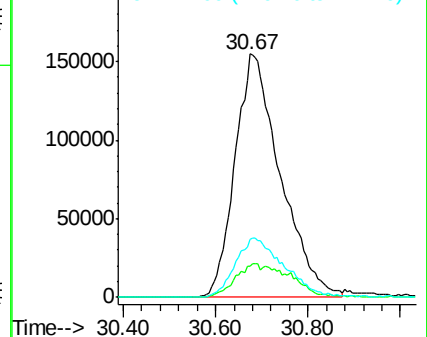
276 100

138 7.6 16.0 24.0#

277 26.0 20.0 30.0



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 26.31 min Scan# 3918

Delta R.T. -0.01 min

Lab File: BG033704.D

Acq: 10 Apr 2018 7:03

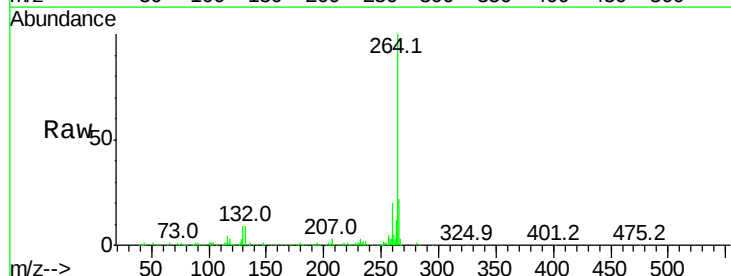
Tgt Ion:264 Resp: 342880

Ion Ratio Lower Upper

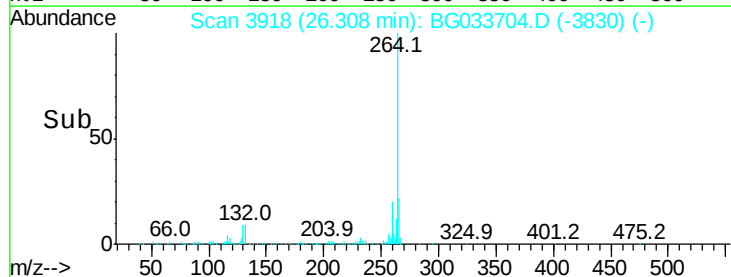
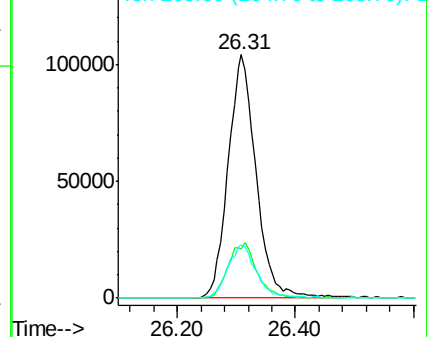
264 100

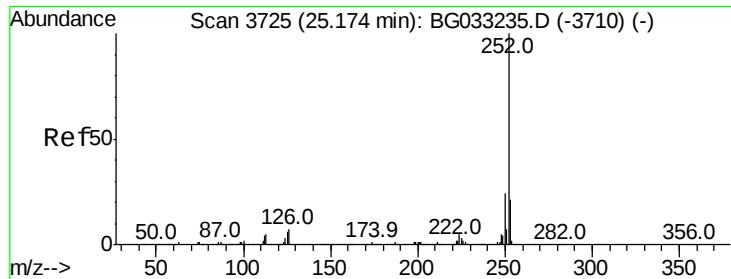
260 20.0 17.4 26.0

265 21.9 17.7 26.5



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

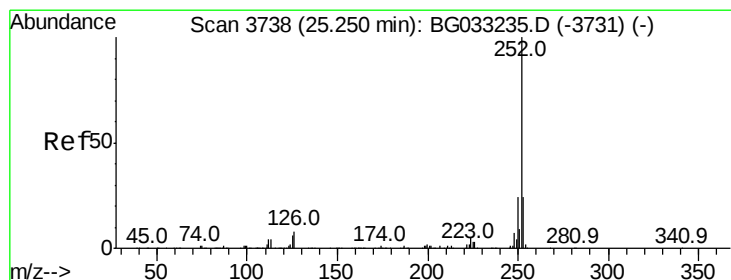
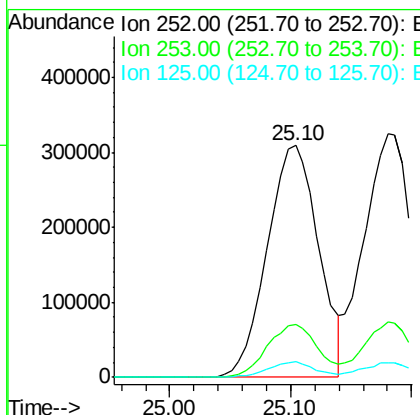
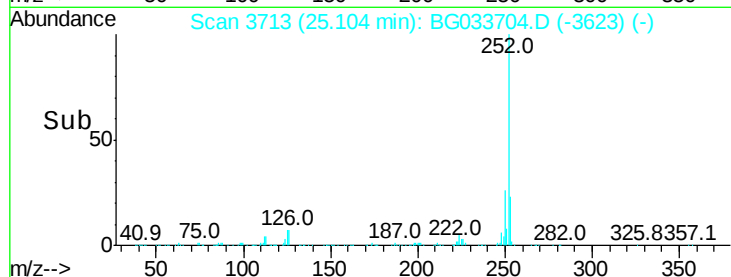
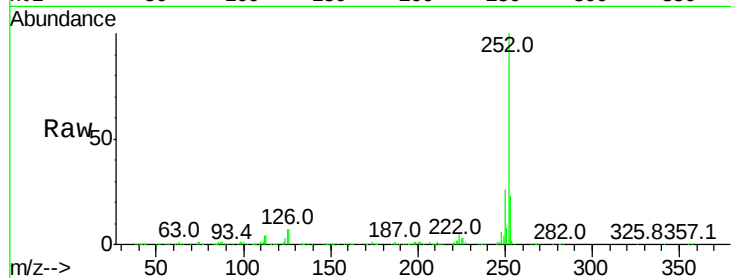




#87
Benzo(b)fluoranthene
Concen: 45.903 ng
RT: 25.10 min Scan# 3713
Delta R.T. 0.00 min
Lab File: BG033704.D
Acq: 10 Apr 2018 7:03

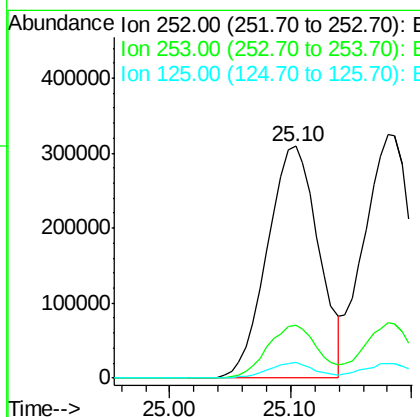
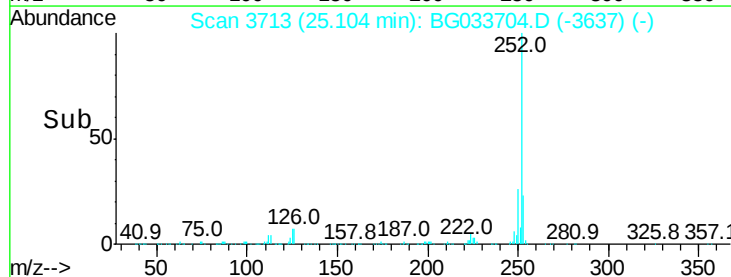
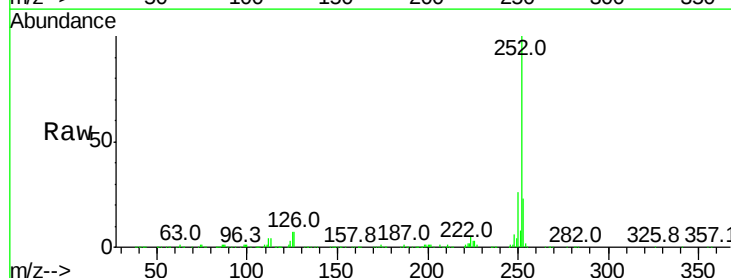
Instrument :
BNA_G
ClientSampleId :

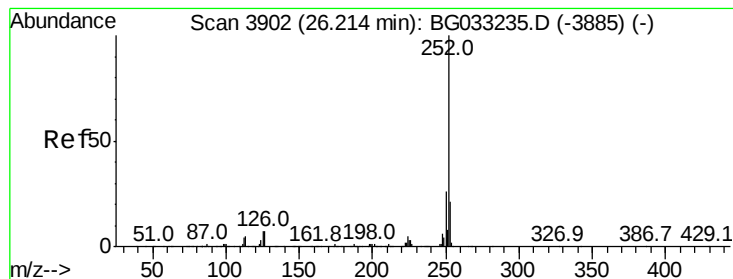
Tot Ion:252 Resp: 909333
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.4
125 6.9 7.2 10.8#



#88
Benzo(k)fluoranthene
Concen: 45.386 ng
RT: 25.10 min Scan# 3713
Delta R.T. -0.08 min
Lab File: BG033704.D
Acq: 10 Apr 2018 7:03

Tgt Ion:252 Resp: 909333
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.2
125 6.9 6.6 9.8





#89

Benzo(a)pyrene

Concen: 47.963 ng

RT: 26.13 min Scan# 3888

Delta R.T. -0.01 min

Lab File: BG033704.D

Acq: 10 Apr 2018 7:03

Instrument :

BNA_G

ClientSampleId :

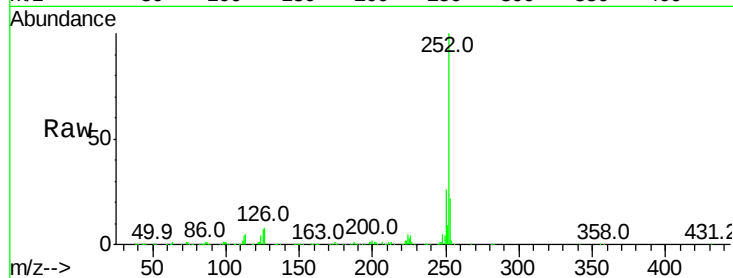
Tot Ion:252 Resp: 912447

Ion Ratio Lower Upper

252 100

253 21.8 18.3 27.5

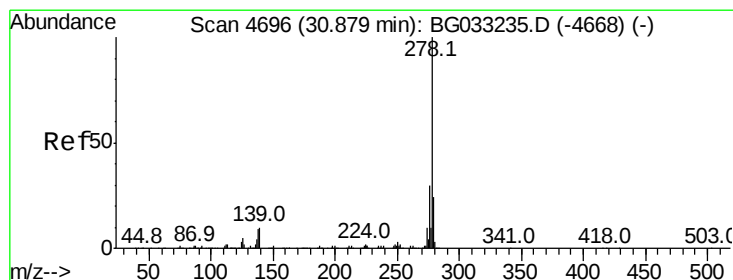
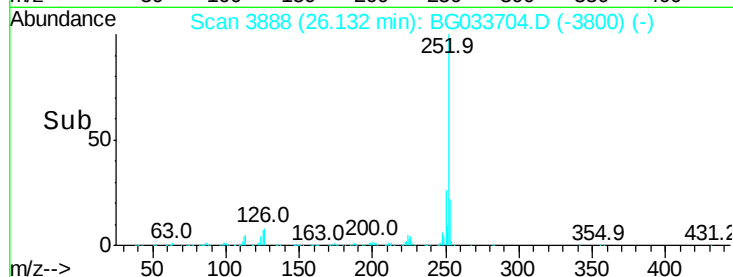
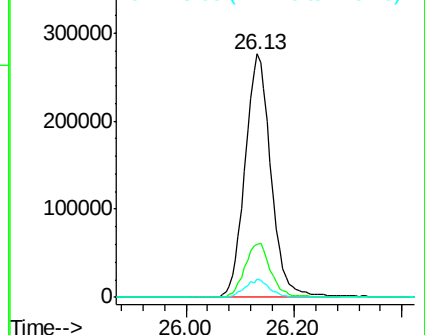
125 7.4 7.3 10.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 49.115 ng

RT: 30.76 min Scan# 4675

Delta R.T. -0.01 min

Lab File: BG033704.D

Acq: 10 Apr 2018 7:03

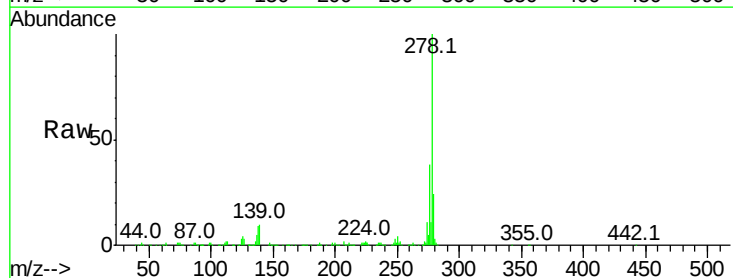
Tgt Ion:278 Resp: 880128

Ion Ratio Lower Upper

278 100

139 9.5 9.8 14.6#

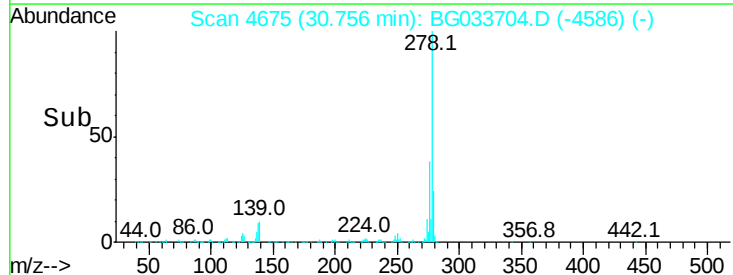
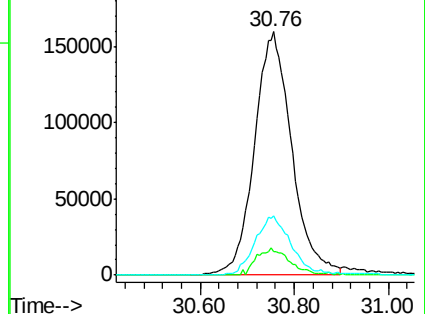
279 24.4 18.4 27.6

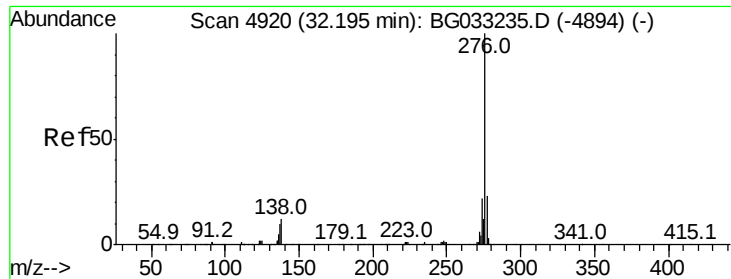


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

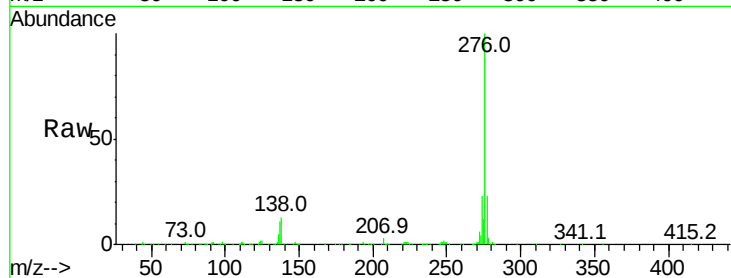




#91
 Benzo(a,h,i)perylene
 Concen: 49.258 ng
 RT: 32.06 min Scan# 4897
 Delta R.T. -0.01 min
 Lab File: BG033704.D
 Acq: 10 Apr 2018 7:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.3	27.5
138	13.1	13.9	20.9



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

