

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041318\
 Data File : BG033800.D
 Acq On : 13 Apr 2018 17:27
 Operator : SJ/JU
 Sample : J2163-02MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 14 00:50:20 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 10 16:51:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.85	152	27141	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	128772	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	110741	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	298578	20.00	ng	0.00
75) Chrysene-d12	22.55	240	305904	20.00	ng	0.00
86) Perylene-d12	26.32	264	323440	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.30	112	211842	146.36	ng	0.01
7) Phenol-d6	7.99	99	308359	123.99	ng	0.02
23) Nitrobenzene-d5	10.06	82	246002	87.77	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	215480	130.10	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	612367	79.83	ng	0.00
78) Terphenyl-d14	20.72	244	1277383	89.30	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.92	88	29678	40.375	ng	# 79
3) Pyridine	4.40	79	52592	25.882	ng	# 87
4) n-Nitrosodimethylamine	4.30	42	30481	36.553	ng	# 73
6) Aniline	8.16	93	45822	15.667	ng	# 82
8) 2-Chlorophenol	8.41	128	89123	53.860	ng	# 92
9) Benzaldehyde	7.96	77	15990	10.117	ng	# 94
10) Phenol	8.02	94	104890	42.718	ng	# 90
11) bis(2-Chloroethyl)ether	8.23	93	96203	48.001	ng	# 93
12) 1,3-Dichlorobenzene	8.89	146	92762	42.879	ng	# 97
13) 1,4-Dichlorobenzene	8.89	146	92762	42.815	ng	# 97
14) 1,2-Dichlorobenzene	9.22	146	101511	48.005	ng	# 97
15) Benzyl Alcohol	9.10	79	79564	40.634	ng	# 91
16) 2,2'-oxybis(1-Chloropropan	9.37	45	173920	53.231	ng	# 81
17) 2-Methylphenol	9.32	107	77159	46.128	ng	# 89
18) Hexachloroethane	9.96	117	38709	46.291	ng	# 91
19) n-Nitroso-di-n-propylamine	9.66	70	94241	51.714	ng	# 97
20) 3+4-Methylphenols	9.64	107	115404	48.456	ng	# 90
22) Acetophenone	9.70	105	157941	44.769	ng	# 92
24) Nitrobenzene	10.10	77	129450	43.150	ng	# 95
25) Isophorone	10.61	82	249894	45.938	ng	# 98
26) 2-Nitrophenol	10.82	139	54264	47.776	ng	# 87
27) 2,4-Dimethylphenol	10.87	122	82021	49.711	ng	# 90
28) bis(2-Chloroethoxy)methane	11.10	93	124035	45.699	ng	# 93
29) 2,4-Dichlorophenol	11.39	162	104958	51.725	ng	# 96
30) 1,2,4-Trichlorobenzene	11.58	180	113908	43.207	ng	# 97
31) Naphthalene	11.78	128	301668	45.207	ng	# 99
32) Benzoic acid	11.02	122	37729	24.598	ng	# 82
33) 4-Chloroaniline	11.79	127	42127	14.091	ng	# 40
34) Hexachlorobutadiene	12.04	225	83782	42.024	ng	# 95
35) Caprolactam	12.64	113	31284	39.354	ng	# 89
36) 4-Chloro-3-methylphenol	12.98	107	142091	53.690	ng	# 90
37) 2-Methylnaphthalene	13.33	142	218829	42.250	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	13.69	216	150101	37.419	ng	# 99
40) Hexachlorocyclopentadiene	13.66	237	156262	66.451	ng	# 92

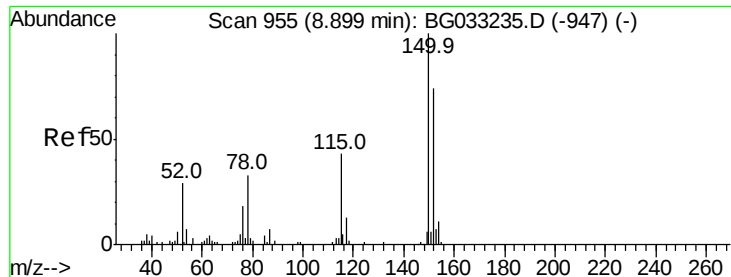
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.93	196	107014	45.917	nq	94
43) 2,4,5-Trichlorophenol	14.01	196	114751	41.656	nq	96
45) 1,1'-Biphenyl	14.31	154	343885	40.419	nq	97
46) 2-Chloronaphthalene	14.37	162	268872	40.986	nq	98
47) 2-Nitroaniline	14.57	65	104824	42.662	nq	97
48) Acenaphthylene	15.20	152	454409	41.498	nq	99
49) Dimethylphthalate	14.90	163	417852	43.357	nq	98
50) 2,6-Dinitrotoluene	15.03	165	91066	46.212	nq #	87
51) Acenaphthene	15.53	154	271429	38.452	nq	95
52) 3-Nitroaniline	15.40	138	12952	6.269	nq #	81
53) 2,4-Dinitrophenol	15.58	184	87048	84.794	nq #	72
54) Dibenzofuran	15.87	168	457856	43.912	nq	94
55) 4-Nitrophenol	15.70	139	111678	76.874	nq	88
56) 2,4-Dinitrotoluene	15.82	165	135025	46.536	nq	95
57) Fluorene	16.51	166	367886	41.415	nq	98
58) 2,3,4,6-Tetrachlorophenol	16.08	232	117761	45.408	nq	97
59) Diethylphthalate	16.24	149	431343	46.092	nq	97
60) 4-Chlorophenyl-phenylether	16.48	204	226434	44.344	nq	97
61) 4-Nitroaniline	16.51	138	5427	2.594	nq #	24
62) Azobenzene	16.77	77	414890	45.767	nq	97
64) 4,6-Dinitro-2-methylphenol	16.58	198	81263	45.495	nq	93
65) n-Nitrosodiphenylamine	16.70	169	362927	42.577	nq	95
66) 4-Bromophenyl-phenylether	17.37	248	151412	43.180	nq	92
67) Hexachlorobenzene	17.50	284	155857	42.116	nq	98
68) Atrazine	17.62	200	113951	32.990	nq	97
69) Pentachlorophenol	17.85	266	206618	81.347	nq	96
70) Phenanthrene	18.25	178	644901	41.473	nq	99
71) Anthracene	18.33	178	642316	40.796	nq	99
72) Carbazole	18.60	167	636171	45.597	nq	98
73) Di-n-butylphthalate	19.09	149	751204	46.258	nq #	98
74) Fluoranthene	20.20	202	801831	41.669	nq	97
77) Pyrene	20.56	202	830962	40.729	nq	99
79) Butylbenzylphthalate	21.41	149	336383	44.680	nq	96
80) Benzo(a)anthracene	22.53	228	790081	40.561	nq	99
81) 3,3'-Dichlorobenzidine	22.42	252	44605	6.435	nq #	98
82) Chrysene	22.61	228	777712	41.246	nq	99
83) Bis(2-ethylhexyl)phthalate	22.34	149	475578	45.823	nq	98
84) Di-n-octyl phthalate	23.73	149	800567	50.380	nq	99
85) Indeno(1,2,3-cd)pyrene	30.68	276	863751	42.369	nq #	81
87) Benzo(b)fluoranthene	25.10	252	754257	40.363	nq #	95
88) Benzo(k)fluoranthene	25.19	252	781274	41.339	nq #	98
89) Benzo(a)pyrene	26.14	252	735542	40.988	nq #	97
90) Dibenzo(a,h)anthracene	30.77	278	720384	42.617	nq	98
91) Benzo(g,h,i)perylene	32.08	276	682995	40.803	nq #	94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.85 min Scan# 947

Delta R.T. -0.01 min

Lab File: BG033800.D

Acq: 13 Apr 2018 17:27

Instrument :

BNA_G

ClientSampleId :

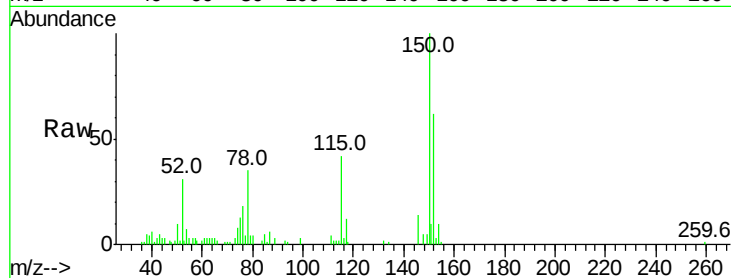
Tot Ion:152 Resp: 27141

Ion Ratio Lower Upper

152 100

150 161.6 126.6 189.8

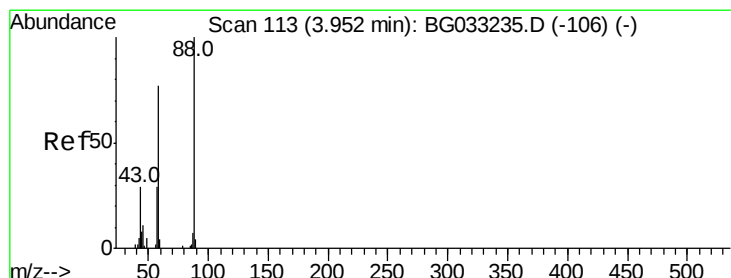
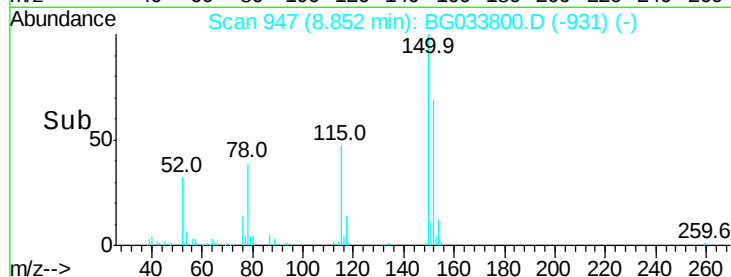
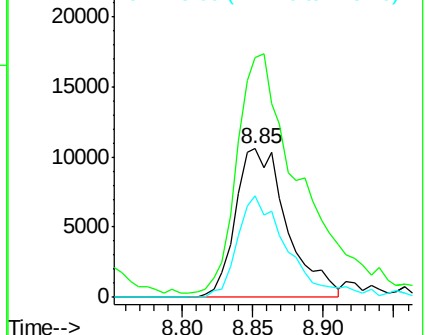
115 68.3 53.0 79.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 40.375 ng

RT: 3.92 min Scan# 107

Delta R.T. -0.01 min

Lab File: BG033800.D

Acq: 13 Apr 2018 17:27

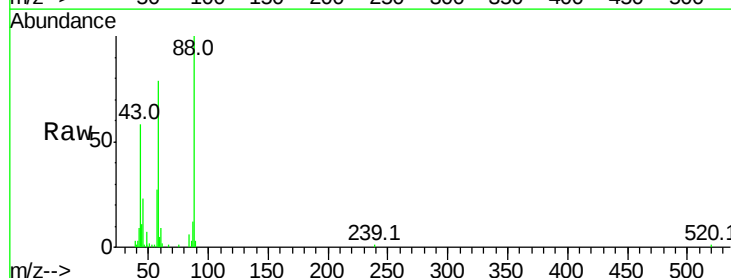
Tgt Ion: 88 Resp: 29678

Ion Ratio Lower Upper

88 100

58 77.1 79.6 119.4#

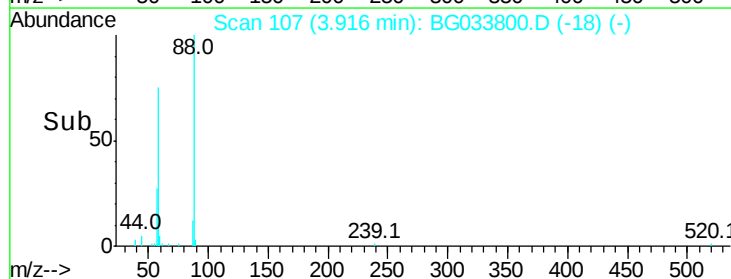
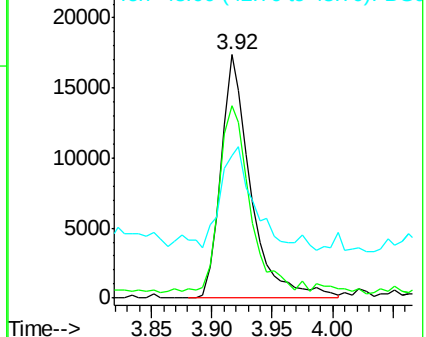
43 44.2 27.4 41.0#

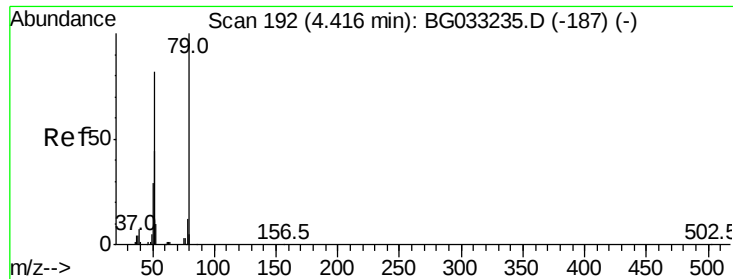


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 25.882 ng

RT: 4.40 min Scan# 189

Delta R.T. 0.01 min

Lab File: BG033800.D

Acq: 13 Apr 2018 17:27

Instrument :

BNA_G

ClientSampleId :

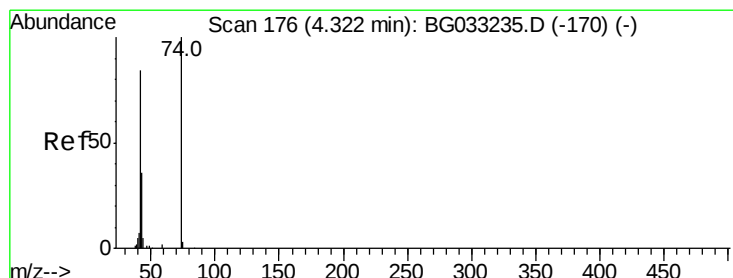
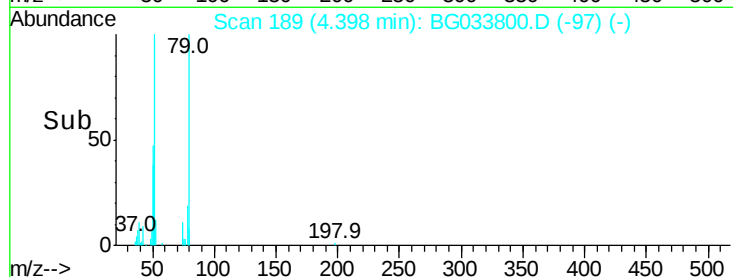
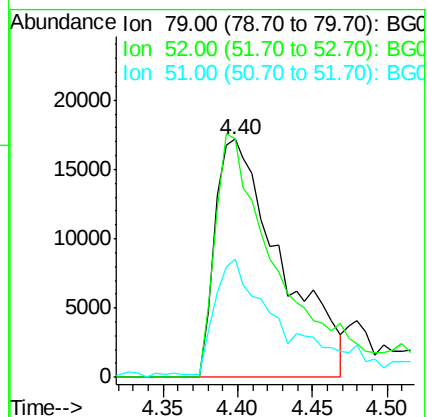
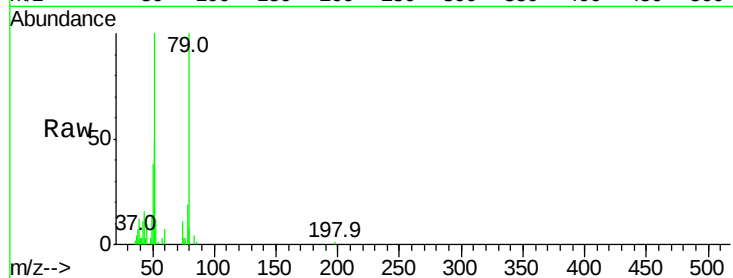
Tot Ion: 79 Resp: 52592

Ion Ratio Lower Upper

79 100

52 100.1 69.9 104.9

51 49.6 34.0 51.0



#4

n-Nitrosodimethylamine

Concen: 36.553 ng

RT: 4.30 min Scan# 172

Delta R.T. 0.00 min

Lab File: BG033800.D

Acq: 13 Apr 2018 17:27

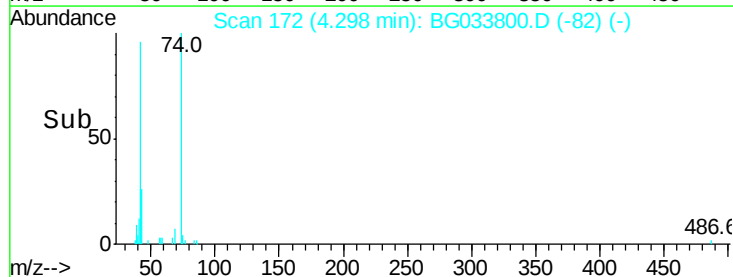
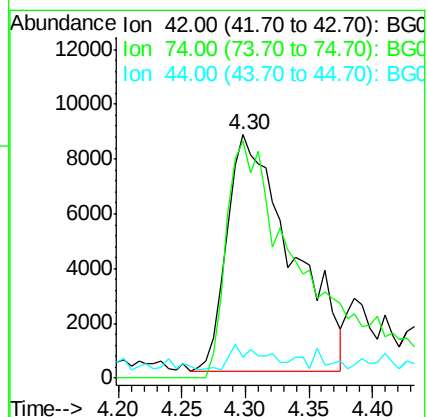
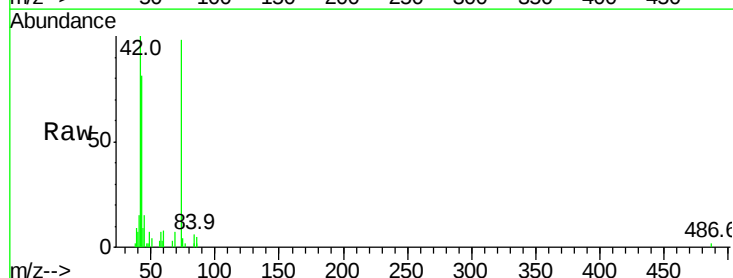
Tgt Ion: 42 Resp: 30481

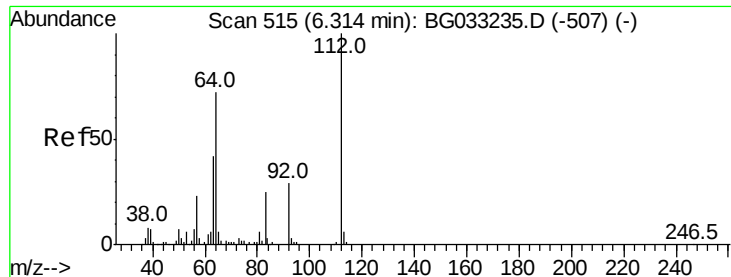
Ion Ratio Lower Upper

42 100

74 97.6 102.5 153.7#

44 8.7 18.9 28.3#





#5

2-Fluorophenol

Concen: 146.358 ng

RT: 6.30 min Scan# 512

Delta R.T. 0.01 min

Lab File: BG033800.D

Acq: 13 Apr 2018 17:27

Instrument :

BNA_G

ClientSampleId :

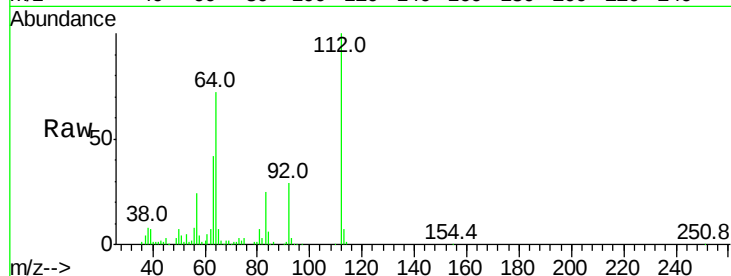
Tot Ion:112 Resp: 211842

Ion Ratio Lower Upper

112 100

64 71.5 56.3 84.5

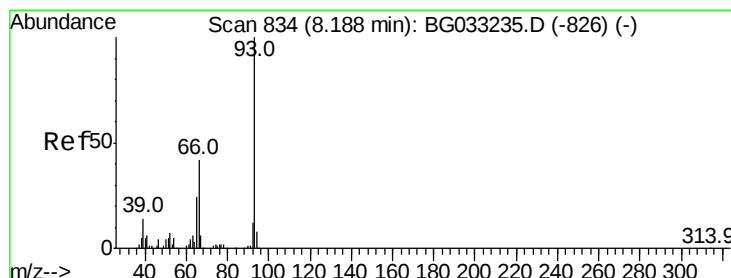
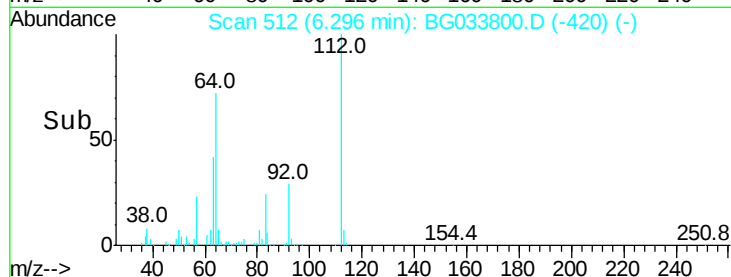
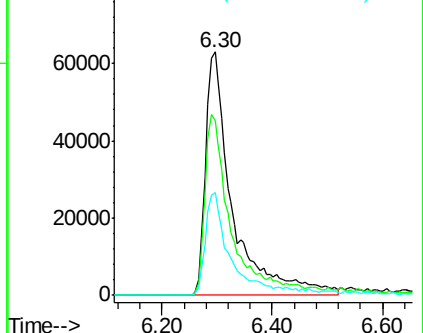
63 42.3 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 15.667 ng

RT: 8.16 min Scan# 830

Delta R.T. 0.01 min

Lab File: BG033800.D

Acq: 13 Apr 2018 17:27

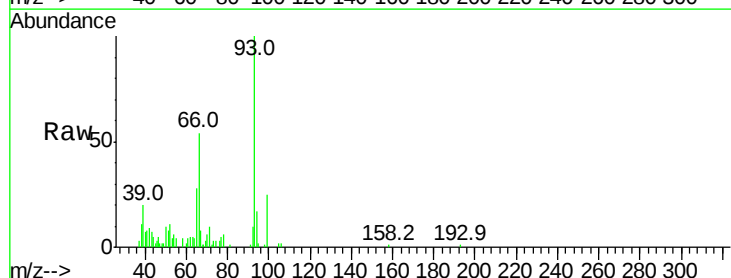
Tgt Ion: 93 Resp: 45822

Ion Ratio Lower Upper

93 100

66 53.5 33.7 50.5#

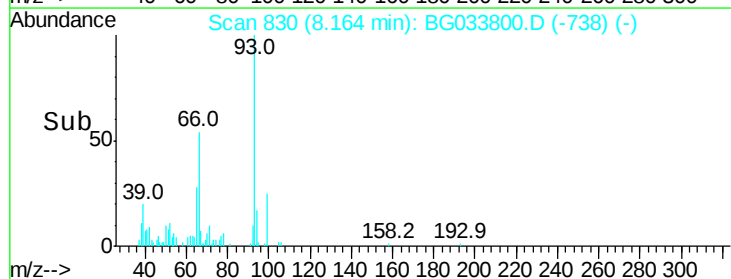
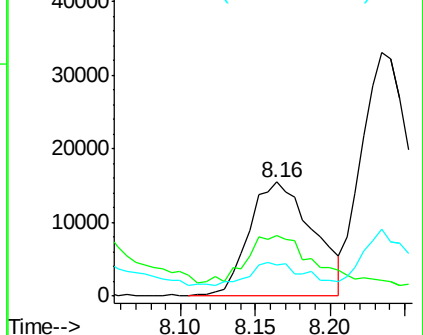
65 27.8 16.1 24.1#

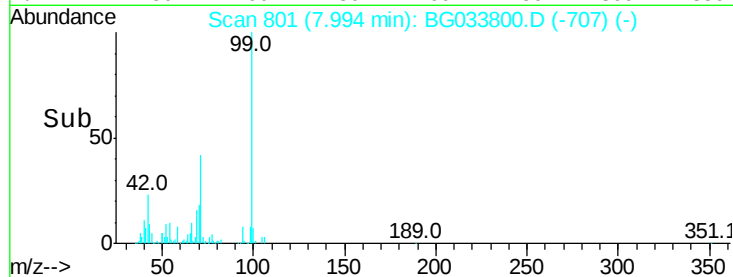
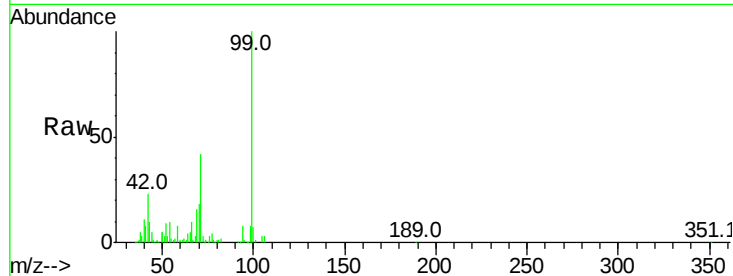
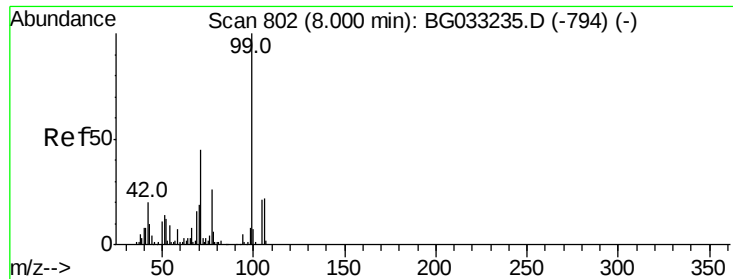


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 123.989 ng

RT: 7.99 min Scan# 801

Delta R.T. 0.02 min

Lab File: BG033800.D

Acq: 13 Apr 2018 17:27

Instrument :

BNA_G

ClientSampleId :

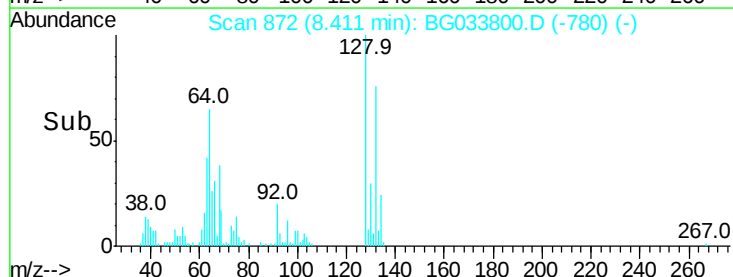
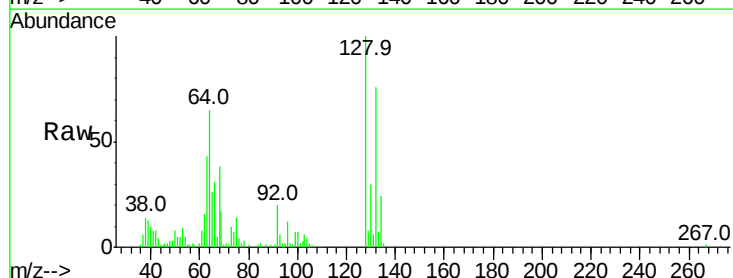
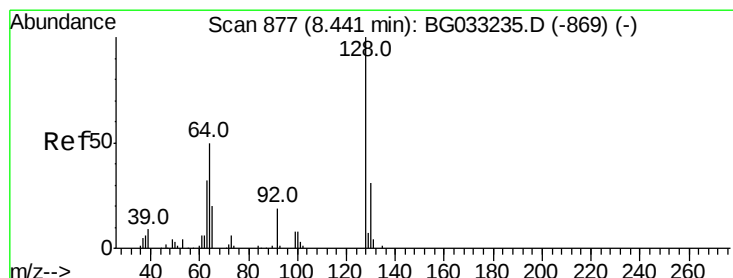
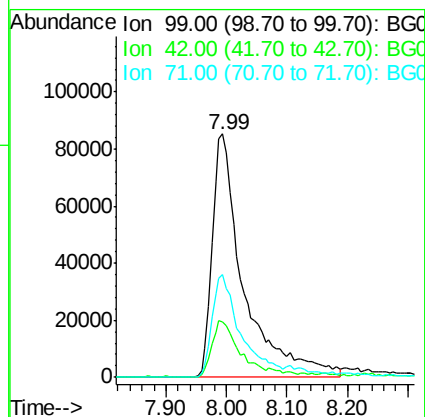
Tot Ion: 99 Resp: 308359

Ion Ratio Lower Upper

99 100

42 22.9 14.1 21.1#

71 42.3 26.1 39.1#



#8

2-Chlorophenol

Concen: 53.860 ng

RT: 8.41 min Scan# 872

Delta R.T. 0.01 min

Lab File: BG033800.D

Acq: 13 Apr 2018 17:27

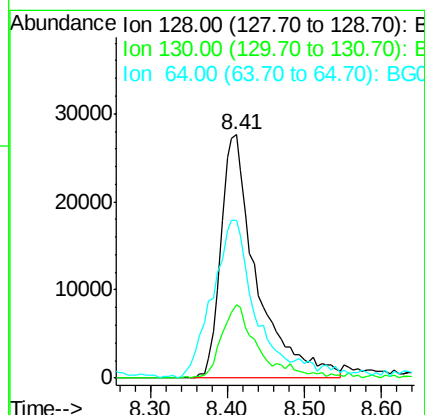
Tgt Ion: 128 Resp: 89123

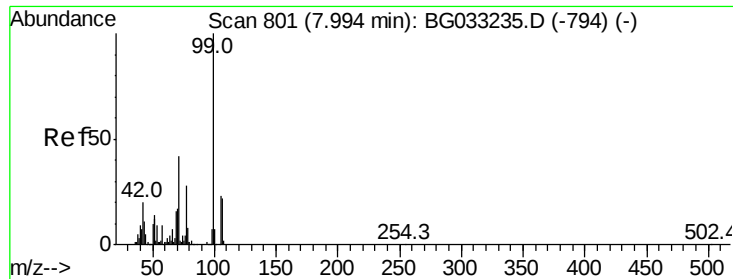
Ion Ratio Lower Upper

128 100

130 29.9 14.0 54.0

64 64.6 37.7 77.7





#9

Benzaldehyde

Concen: 10.117 ng

RT: 7.96 min Scan# 796

Delta R.T. 0.00 min

Lab File: BG033800.D

Acq: 13 Apr 2018 17:27

Instrument :

BNA_G

ClientSampleId :

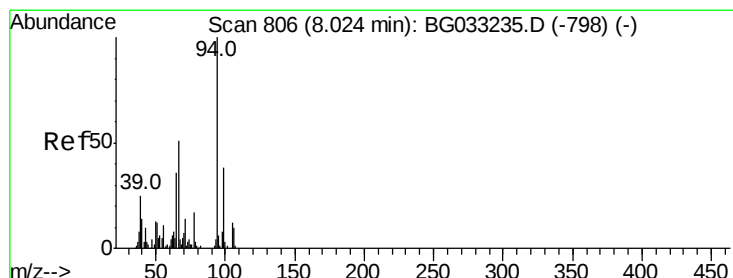
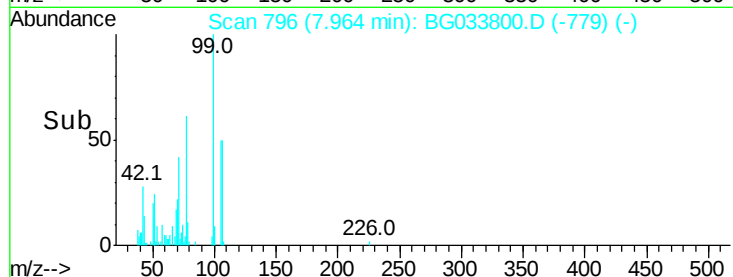
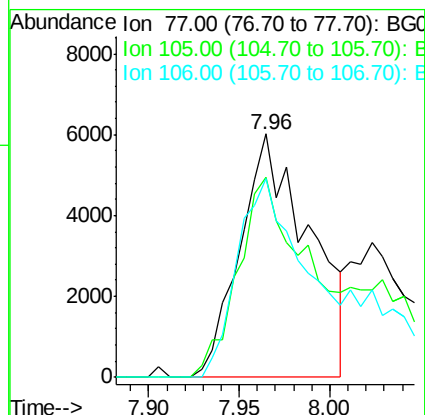
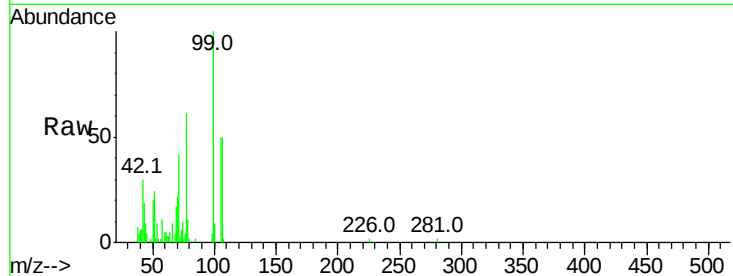
Tot Ion: 77 Resp: 15990

Ion Ratio Lower Upper

77 100

105 82.4 71.3 111.3

106 81.9 64.2 104.2



#10

Phenol

Concen: 42.718 ng

RT: 8.02 min Scan# 805

Delta R.T. 0.02 min

Lab File: BG033800.D

Acq: 13 Apr 2018 17:27

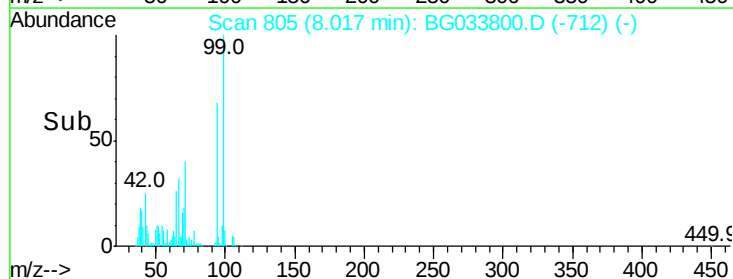
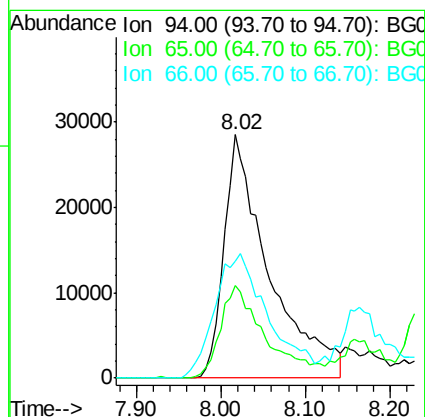
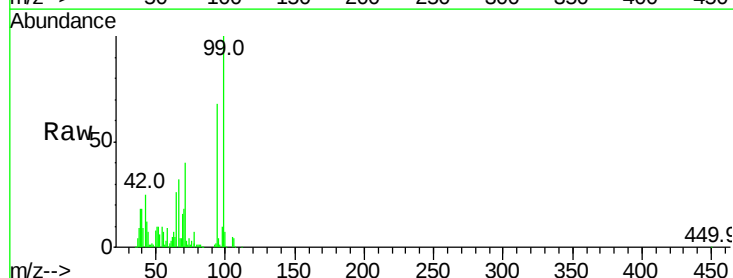
Tgt Ion: 94 Resp: 104890

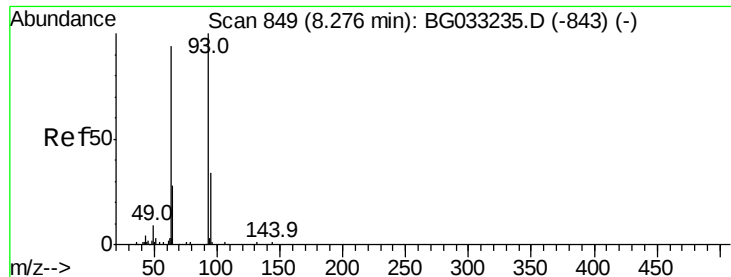
Ion Ratio Lower Upper

94 100

65 38.2 11.9 51.9

66 48.0 22.2 62.2

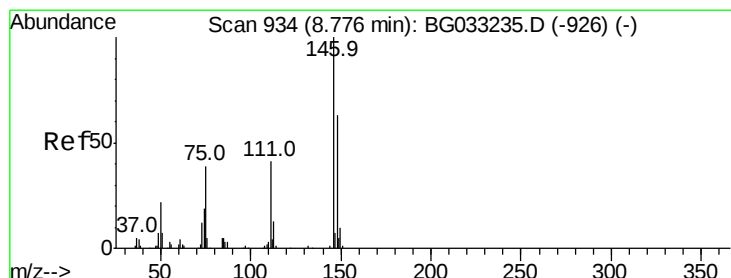
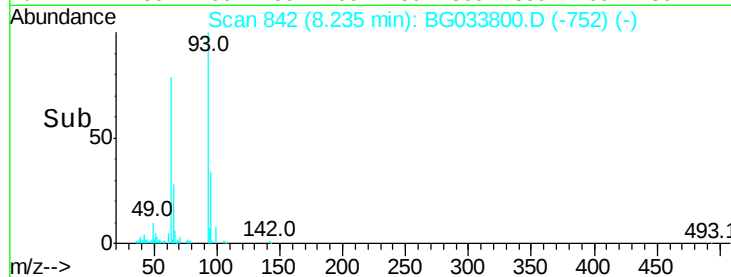
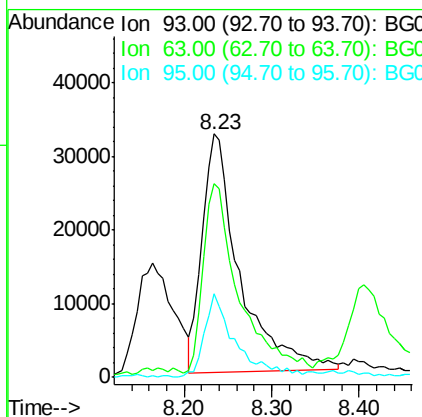
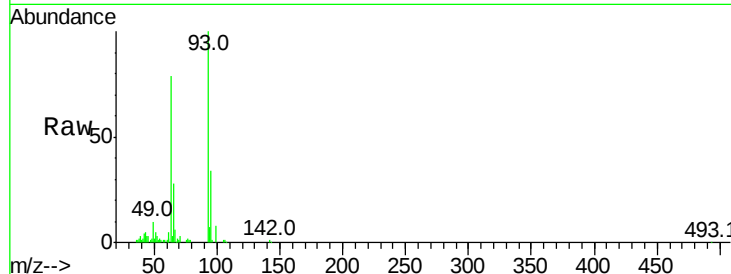




#11
 bis(2-Chloroethyl)ether
 Concen: 48.001 ng
 RT: 8.23 min Scan# 842
 Delta R.T. 0.00 min
 Lab File: BG033800.D
 Acq: 13 Apr 2018 17:27

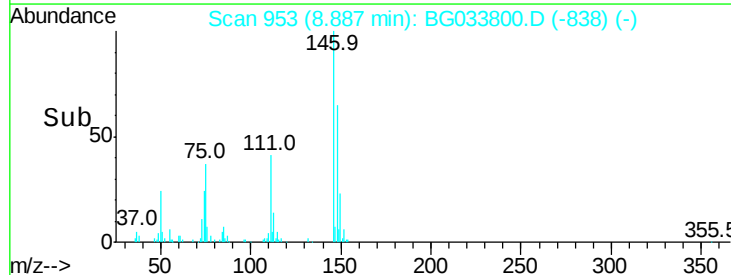
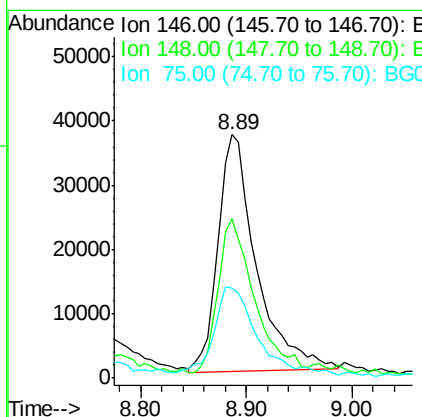
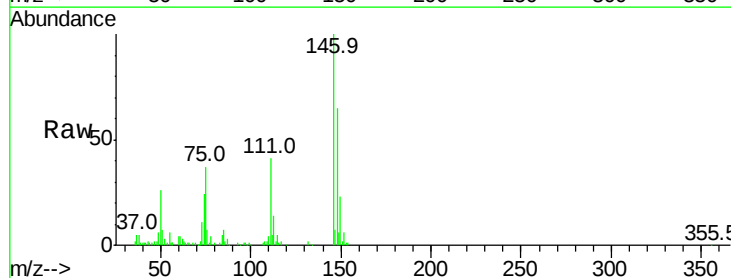
Instrument :
 BNA_G
 ClientSampleId :

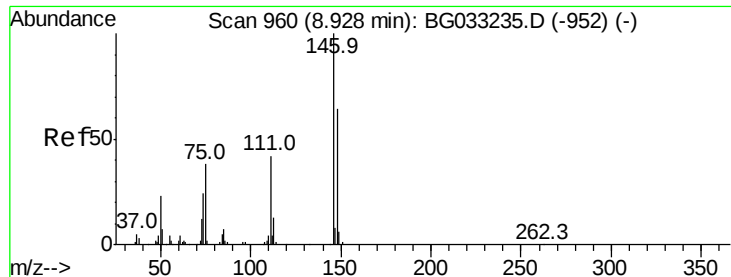
Tot Ion: 93 Resp: 96203
 Ion Ratio Lower Upper
 93 100
 63 79.5 67.1 107.1
 95 34.2 11.5 51.5



#12
 1,3-Dichlorobenzene
 Concen: 42.879 ng
 RT: 8.89 min Scan# 953
 Delta R.T. 0.15 min
 Lab File: BG033800.D
 Acq: 13 Apr 2018 17:27

Tgt Ion: 146 Resp: 92762
 Ion Ratio Lower Upper
 146 100
 148 65.5 51.4 77.2
 75 36.9 26.6 39.8

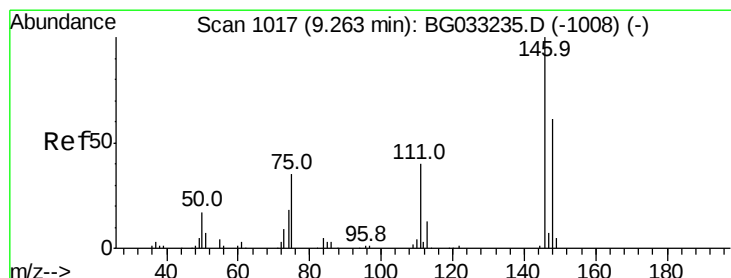
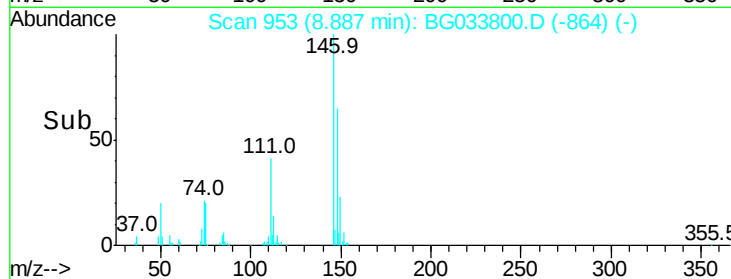
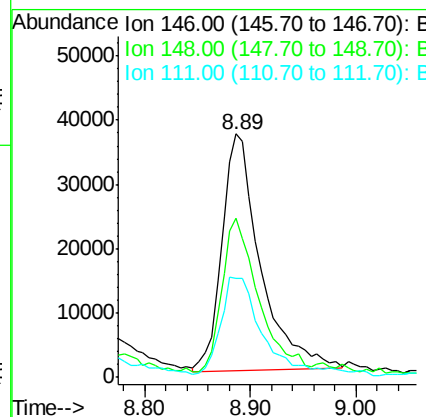
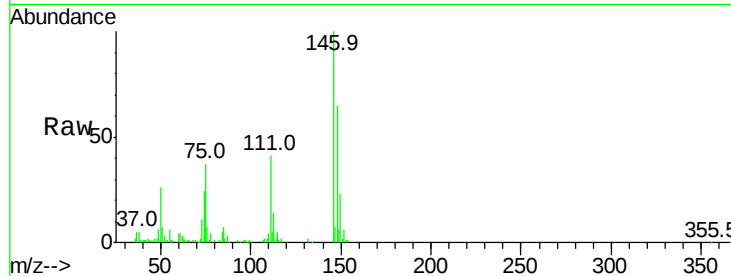




#13
 1,4-Dichlorobenzene
 Concen: 42.815 ng
 RT: 8.89 min Scan# 953
 Delta R.T. -0.01 min
 Lab File: BG033800.D
 Acq: 13 Apr 2018 17:27

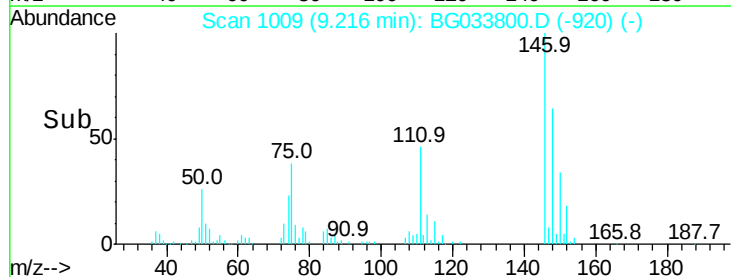
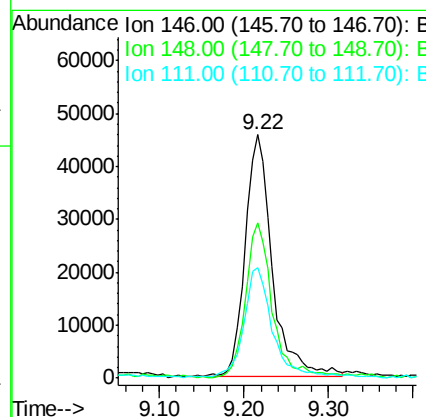
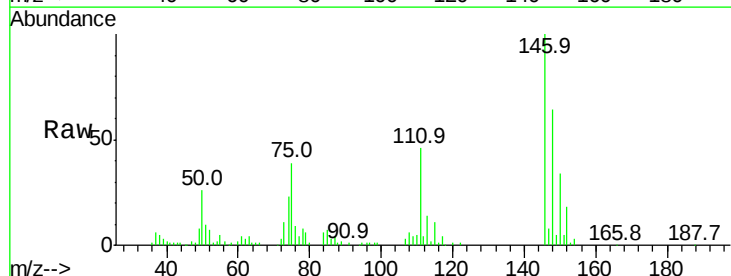
Instrument :
 BNA_G
 ClientSampleId :

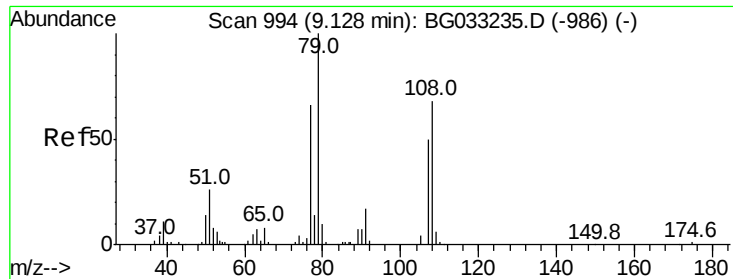
Tot Ion:146 Resp: 92762
 Ion Ratio Lower Upper
 146 100
 148 65.5 53.7 80.5
 111 40.7 35.2 52.8



#14
 1,2-Dichlorobenzene
 Concen: 48.005 ng
 RT: 9.22 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BG033800.D
 Acq: 13 Apr 2018 17:27

Tgt Ion:146 Resp: 101511
 Ion Ratio Lower Upper
 146 100
 148 63.7 49.3 73.9
 111 45.5 34.3 51.5





#15

Benzyl Alcohol

Concen: 40.634 ng

RT: 9.10 min Scan# 990

Delta R.T. 0.01 min

Lab File: BG033800.D

Acq: 13 Apr 2018 17:27

Instrument :

BNA_G

ClientSampleId :

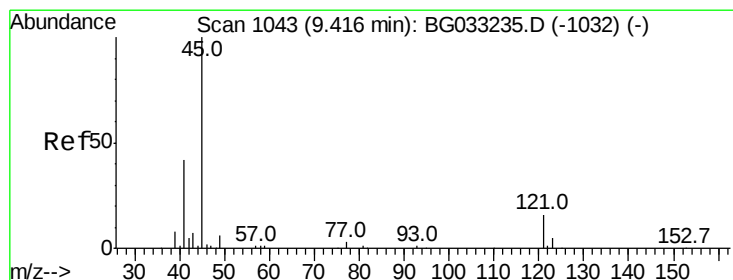
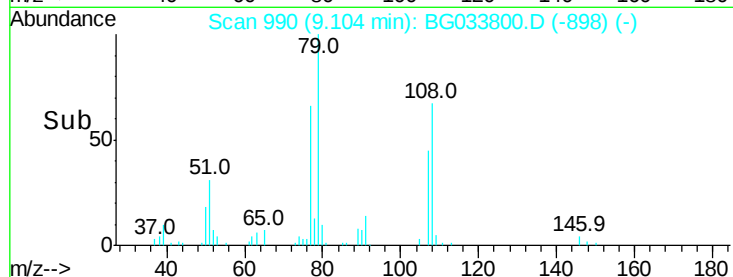
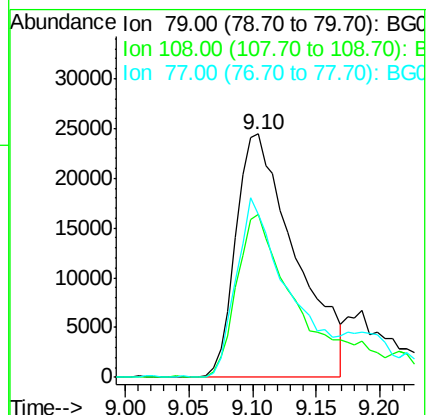
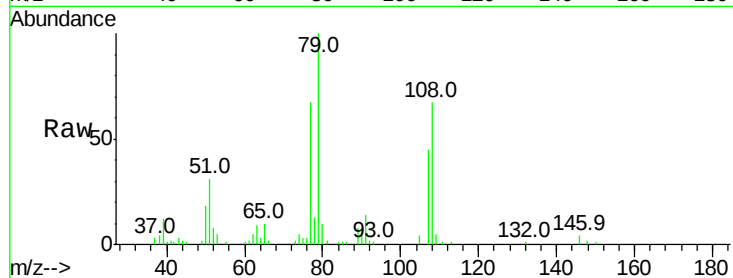
Tot Ion: 79 Resp: 79564

Ion Ratio Lower Upper

79 100

108 66.8 57.2 85.8

77 66.9 46.1 69.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 53.231 ng

RT: 9.37 min Scan# 1035

Delta R.T. 0.00 min

Lab File: BG033800.D

Acq: 13 Apr 2018 17:27

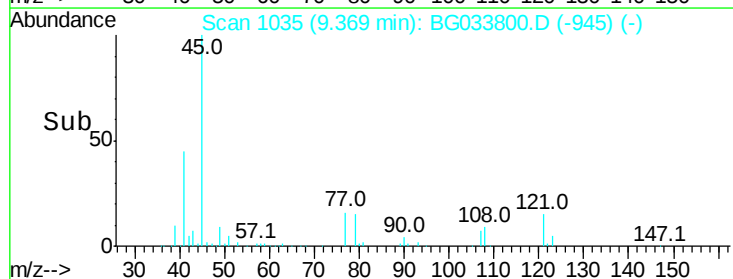
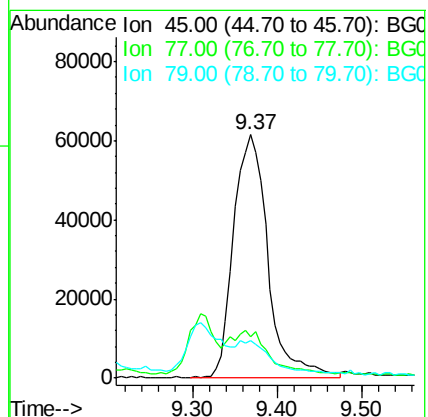
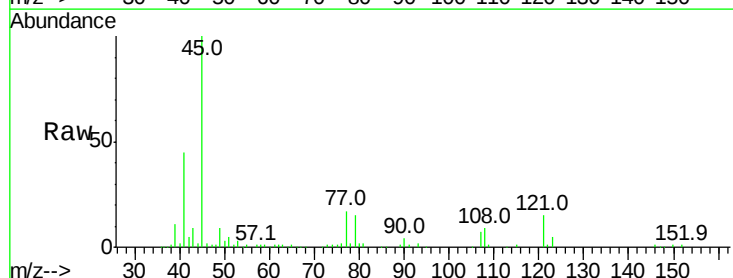
Tgt Ion: 45 Resp: 173920

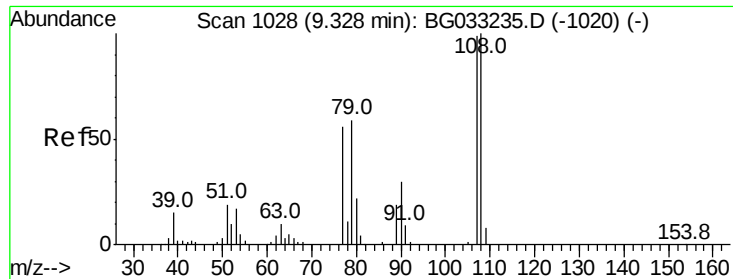
Ion Ratio Lower Upper

45 100

77 16.9 0.0 30.2

79 15.4 0.0 27.9

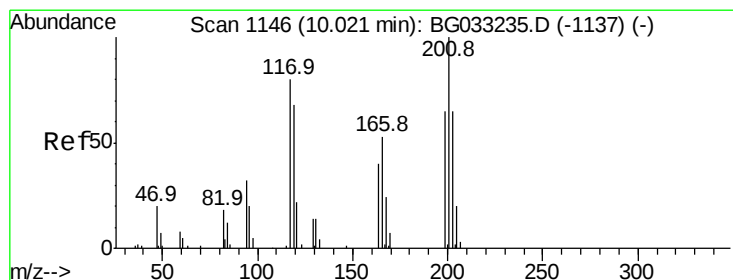
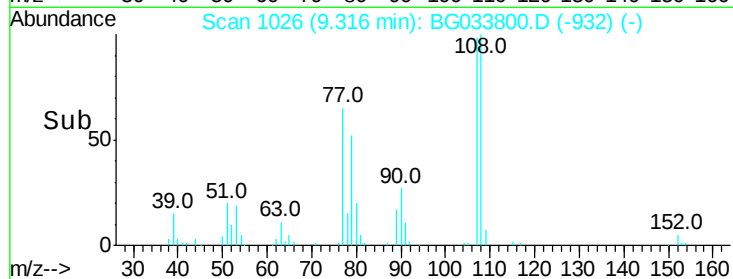
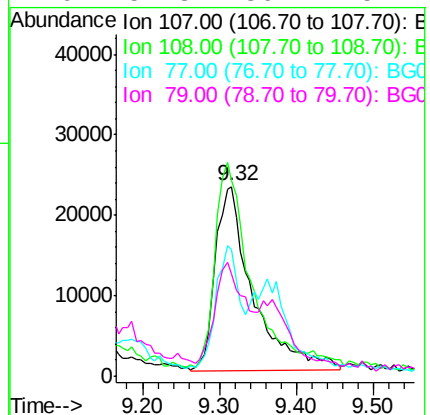
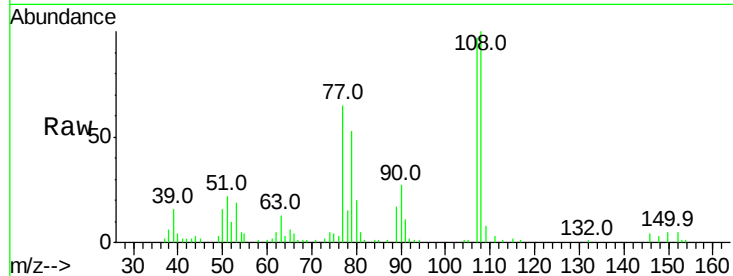




#17
2-Methylphenol
Concen: 46.128 ng
RT: 9.32 min Scan# 1026
Delta R.T. 0.02 min
Lab File: BG033800.D
Acq: 13 Apr 2018 17:27

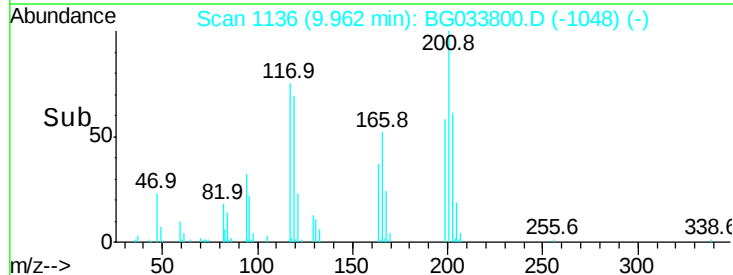
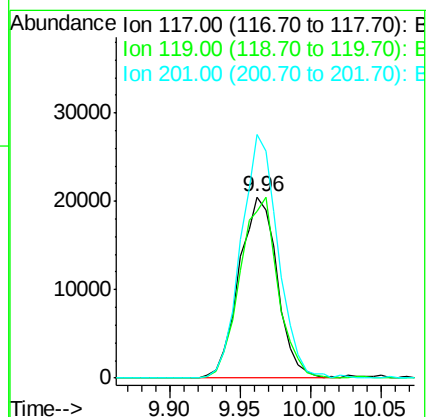
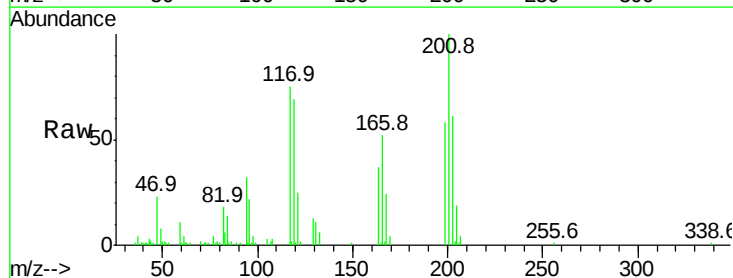
Instrument :
BNA_G
ClientSampleId :

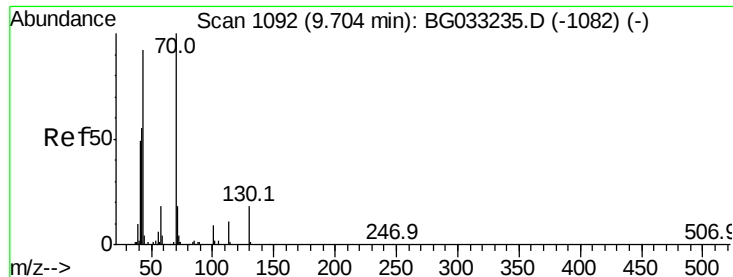
Tot Ion:107 Resp: 77159
Ion Ratio Lower Upper
107 100
108 102.9 83.9 125.9
77 66.7 37.2 55.8#
79 54.3 36.2 54.2#



#18
Hexachloroethane
Concen: 46.291 ng
RT: 9.96 min Scan# 1136
Delta R.T. -0.01 min
Lab File: BG033800.D
Acq: 13 Apr 2018 17:27

Tgt Ion:117 Resp: 38709
Ion Ratio Lower Upper
117 100
119 92.1 76.7 115.1
201 134.1 95.7 143.5

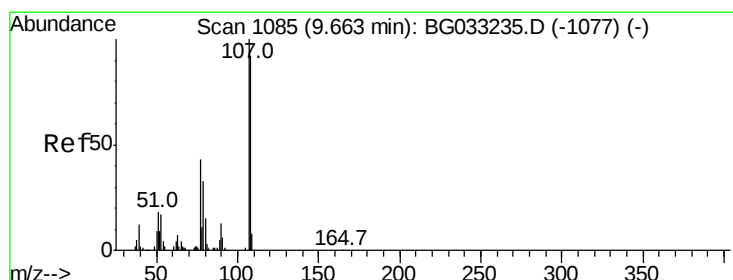
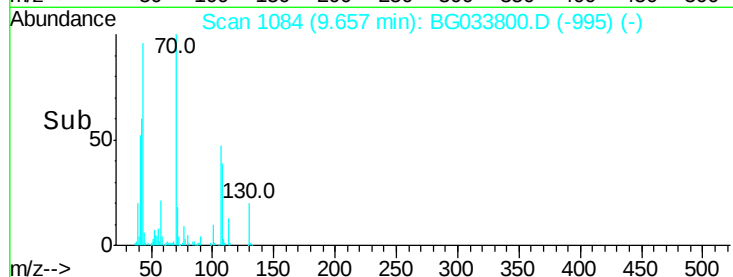
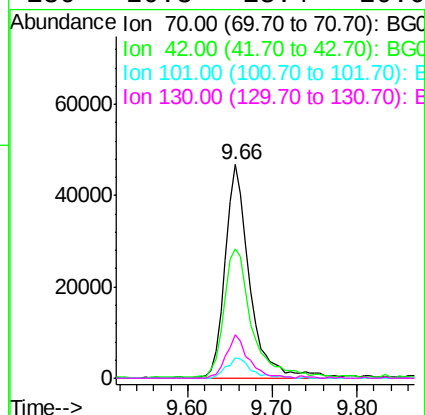
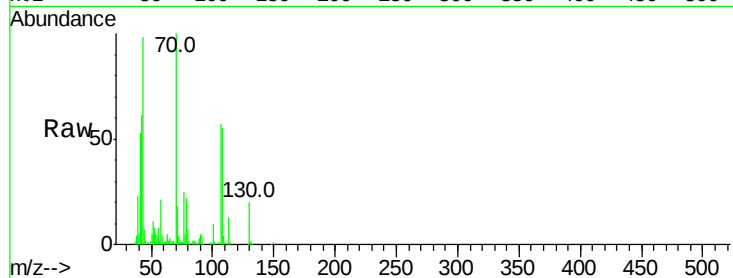




#19
n-Nitroso-di-n-propylamine
Concen: 51.714 ng
RT: 9.66 min Scan# 1084
Delta R.T. -0.01 min
Lab File: BG033800.D
Acq: 13 Apr 2018 17:27

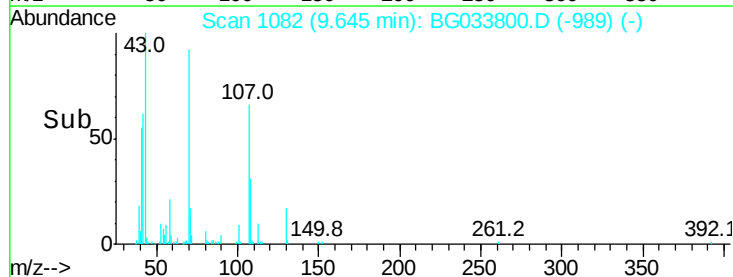
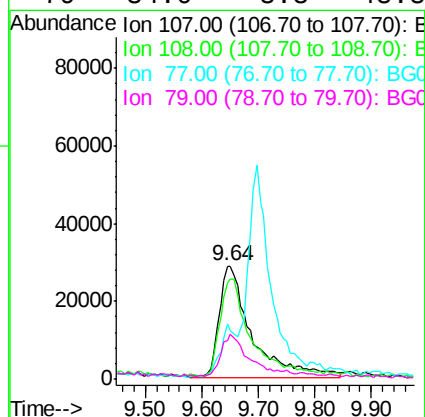
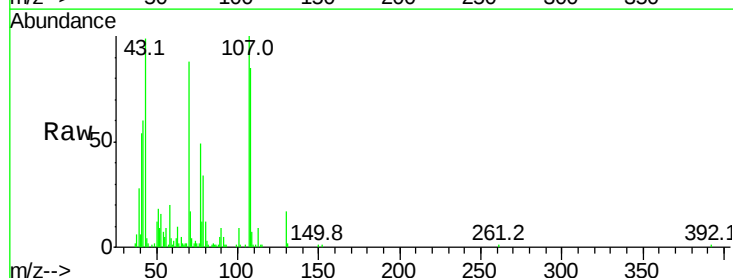
Instrument :
BNA_G
ClientSampleId :

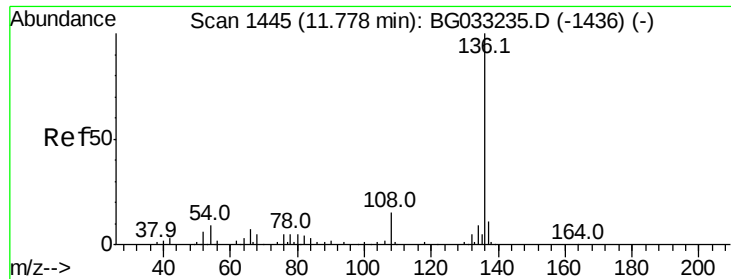
Tot Ion: 70 Resp: 94241
Ion Ratio Lower Upper
70 100
42 60.6 49.1 73.7
101 9.5 8.5 12.7
130 20.3 13.4 20.0#



#20
3+4-Methylphenols
Concen: 48.456 ng
RT: 9.64 min Scan# 1082
Delta R.T. 0.02 min
Lab File: BG033800.D
Acq: 13 Apr 2018 17:27

Tgt Ion:107 Resp: 115404
Ion Ratio Lower Upper
107 100
108 84.5 61.6 101.6
77 48.7 13.9 53.9
79 34.0 8.8 48.8

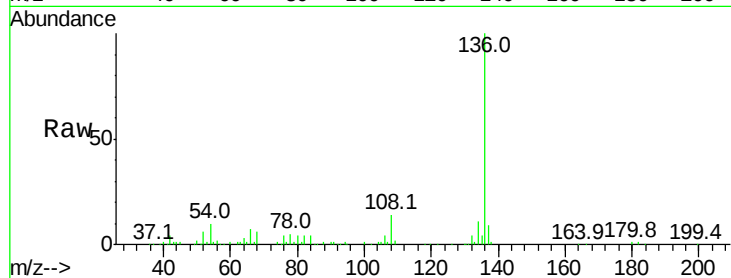




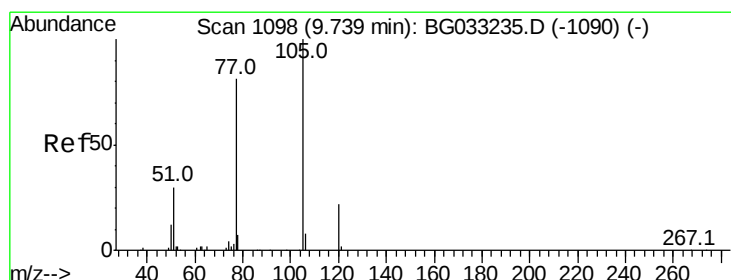
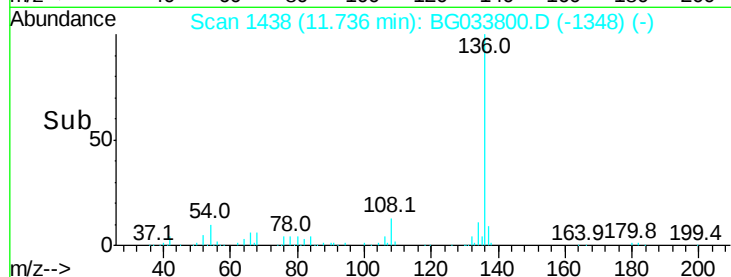
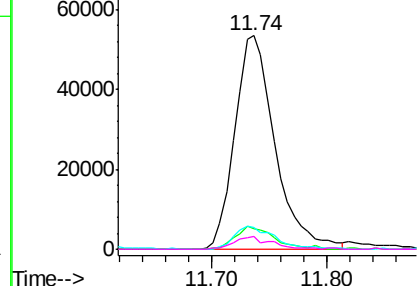
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BG033800.D
Acq: 13 Apr 2018 17:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	128772
Ion	Ratio	Lower	Upper
136	100		
137	9.4	9.2	13.8
54	10.2	10.3	15.5#
68	6.3	4.5	6.7

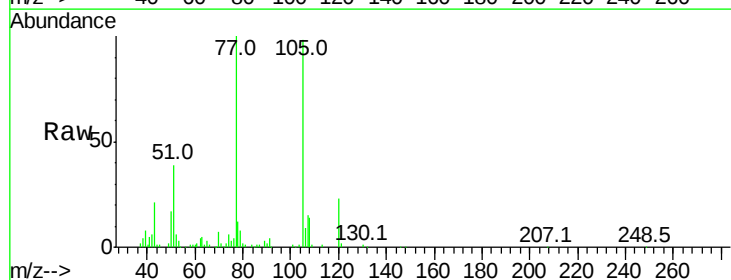


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

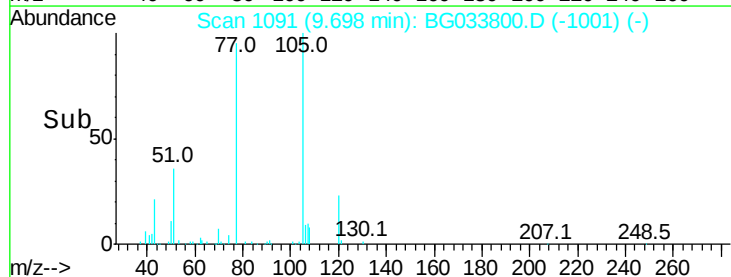
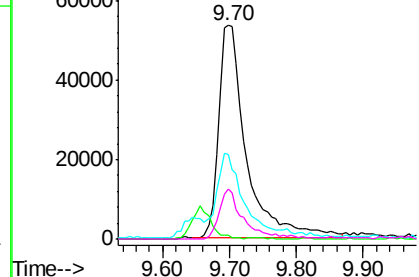


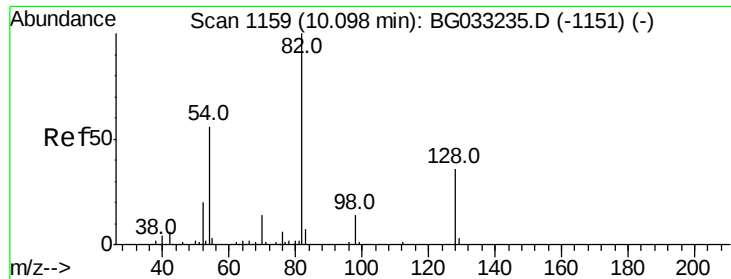
#22
Acetophenone
Concen: 44.769 ng
RT: 9.70 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BG033800.D
Acq: 13 Apr 2018 17:27

Tgt Ion:	105	Resp:	157941
Ion	Ratio	Lower	Upper
105	100		
71	1.6	3.0	4.4#
51	39.4	26.1	39.1#
120	23.1	17.4	26.2



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

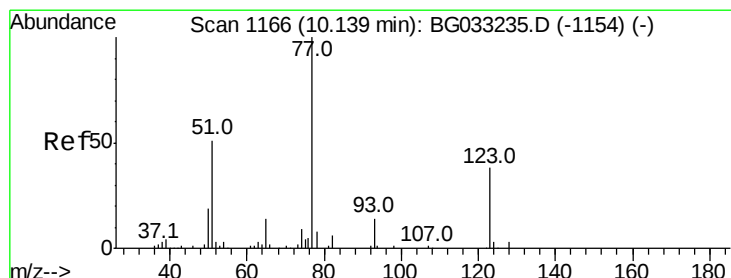
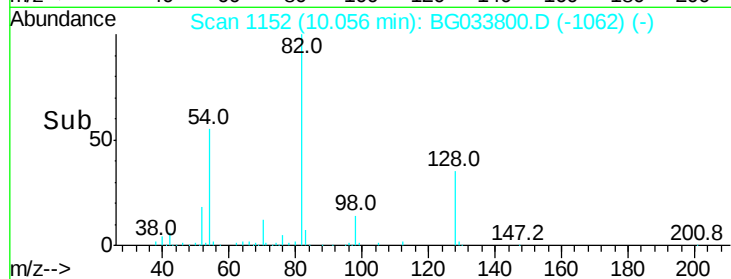
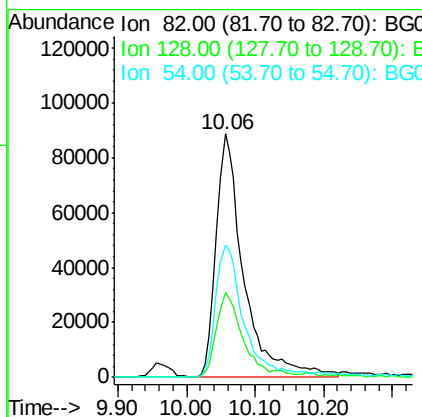
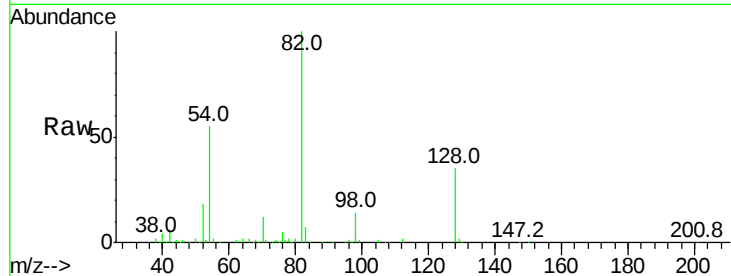




#23
 Nitrobenzene-d5
 Concen: 87.770 ng
 RT: 10.06 min Scan# 1152
 Delta R.T. 0.00 min
 Lab File: BG033800.D
 Acq: 13 Apr 2018 17:27

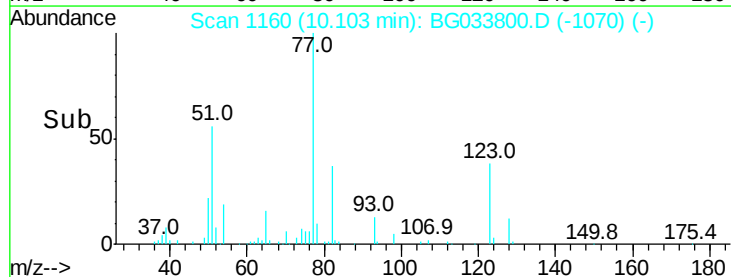
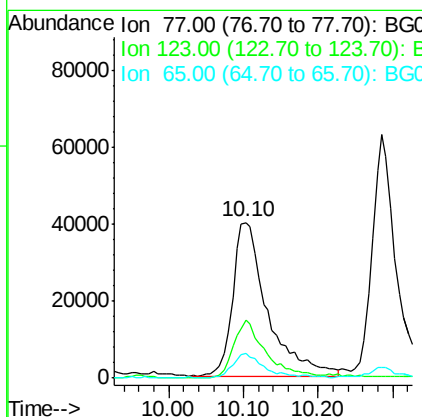
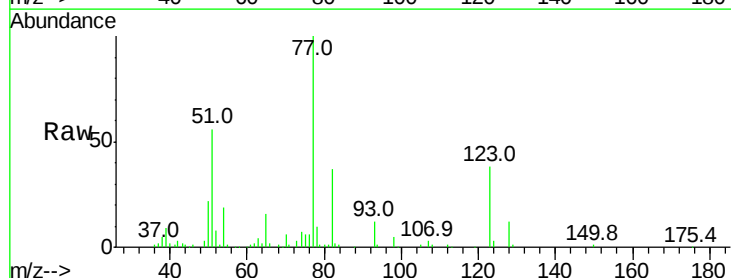
Instrument :
 BNA_G
 ClientSampleId :

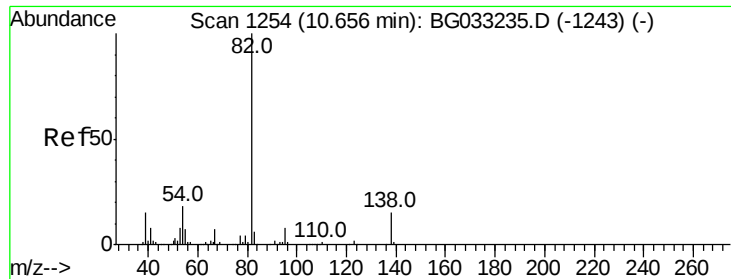
Tot Ion: 82 Resp: 246002
 Ion Ratio Lower Upper
 82 100
 128 34.8 29.7 44.5
 54 54.6 43.1 64.7



#24
 Nitrobenzene
 Concen: 43.150 ng
 RT: 10.10 min Scan# 1160
 Delta R.T. 0.00 min
 Lab File: BG033800.D
 Acq: 13 Apr 2018 17:27

Tgt Ion: 77 Resp: 129450
 Ion Ratio Lower Upper
 77 100
 123 37.6 33.0 49.6
 65 15.7 13.0 19.6





#25

Isophorone

Concen: 45.938 ng

RT: 10.61 min Scan# 1246

Delta R.T. -0.01 min

Lab File: BG033800.D

Acq: 13 Apr 2018 17:27

Instrument :

BNA_G

ClientSampleId :

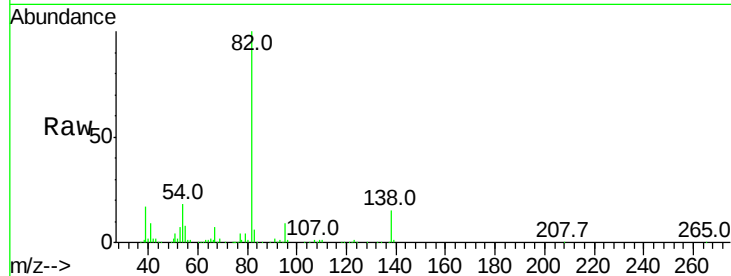
Tot Ion: 82 Resp: 249894

Ion Ratio Lower Upper

82 100

95 8.6 6.2 9.2

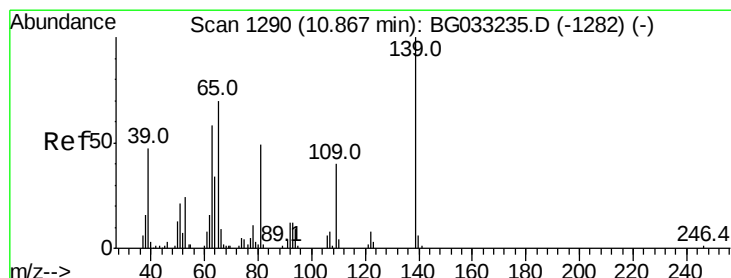
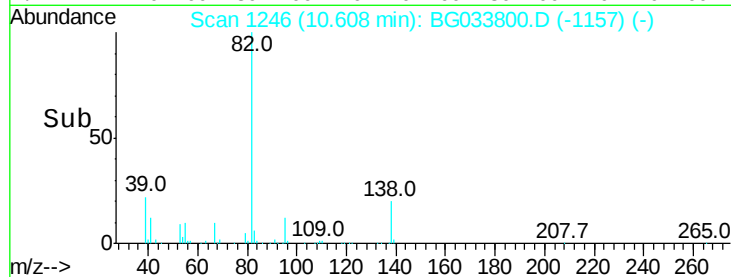
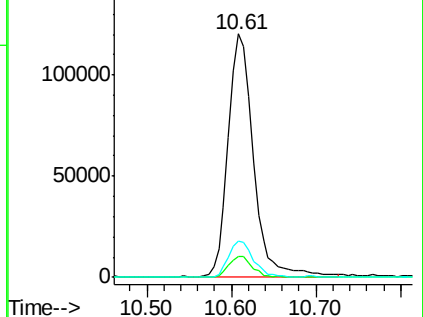
138 14.6 12.1 18.1



Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 47.776 ng

RT: 10.82 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BG033800.D

Acq: 13 Apr 2018 17:27

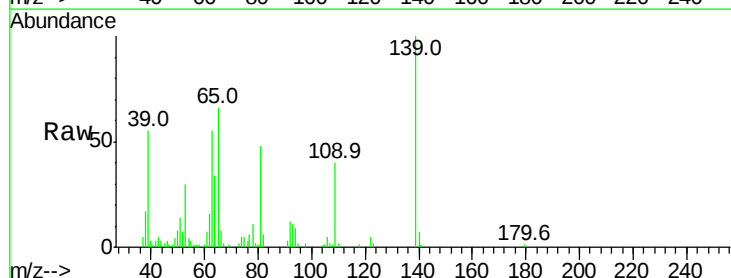
Tgt Ion: 139 Resp: 54264

Ion Ratio Lower Upper

139 100

109 40.1 24.2 36.2#

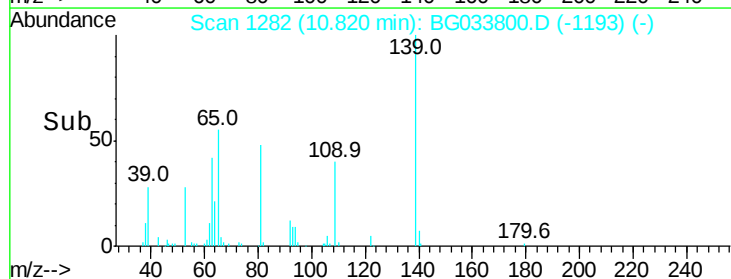
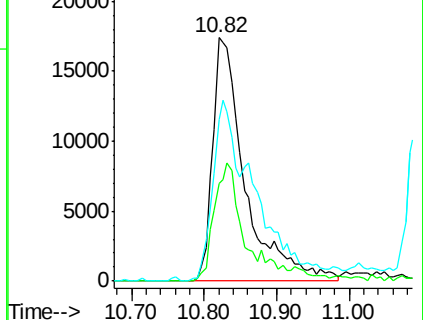
65 66.4 47.4 71.0

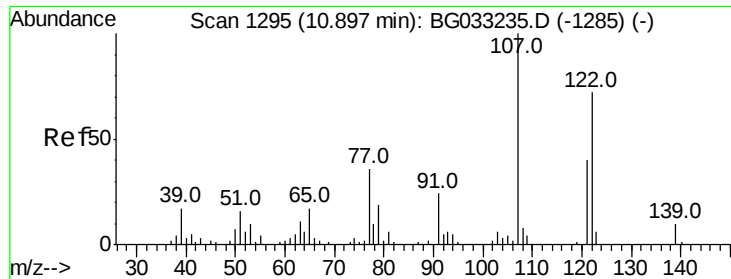


Abundance Ion 139.00 (138.70 to 139.70): BGC

Ion 109.00 (108.70 to 109.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

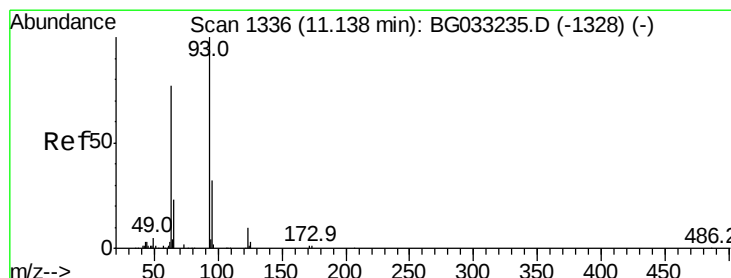
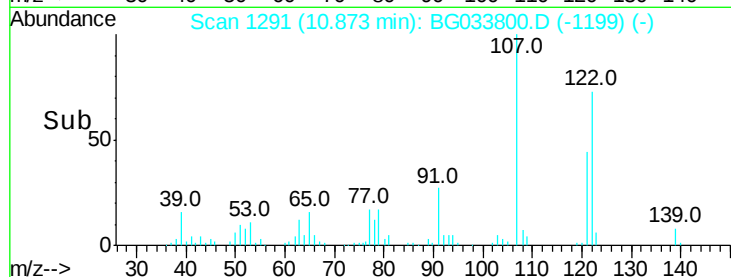
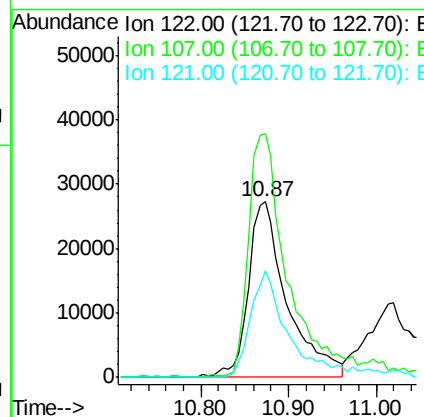
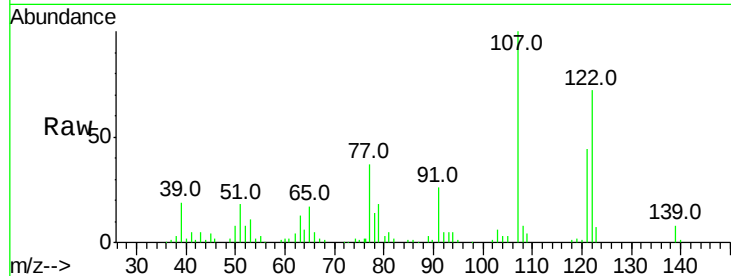




#27
2,4-Dimethylphenol
Concen: 49.711 ng
RT: 10.87 min Scan# 1291
Delta R.T. 0.01 min
Lab File: BG033800.D
Acq: 13 Apr 2018 17:27

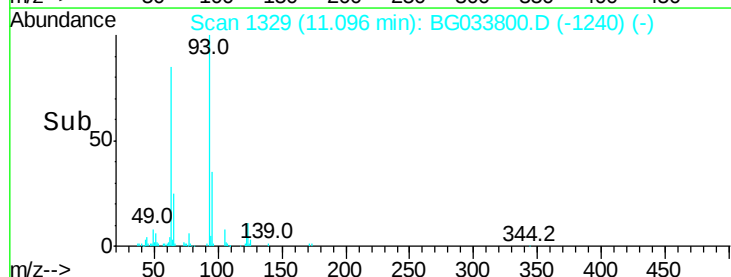
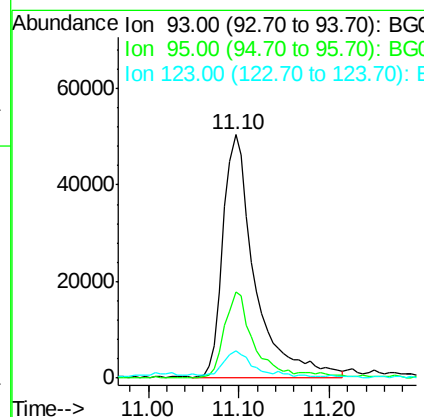
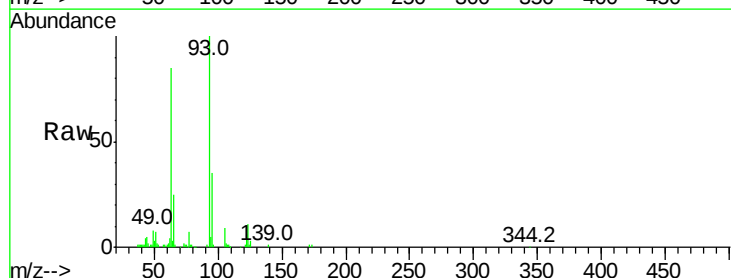
Instrument :
BNA_G
ClientSampled :

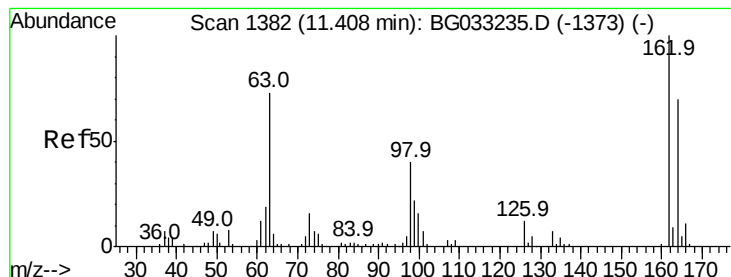
Tot Ion:122 Resp: 82021
Ion Ratio Lower Upper
122 100
107 138.7 100.2 150.2
121 60.8 44.4 66.6



#28
bis(2-Chloroethoxy)methane
Concen: 45.699 ng
RT: 11.10 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BG033800.D
Acq: 13 Apr 2018 17:27

Tgt Ion: 93 Resp: 124035
Ion Ratio Lower Upper
93 100
95 35.1 24.3 36.5
123 11.2 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 51.725 ng

RT: 11.39 min Scan# 1379

Delta R.T. 0.02 min

Lab File: BG033800.D

Acq: 13 Apr 2018 17:27

Instrument :

BNA_G

ClientSampleId :

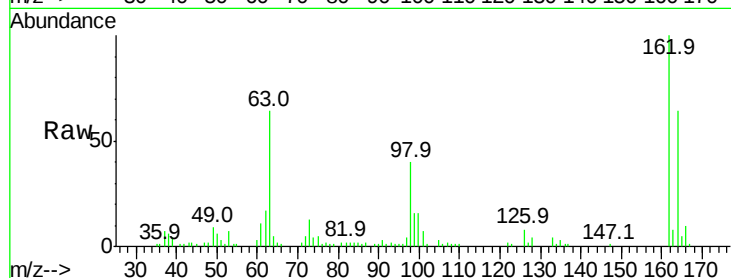
Tot Ion:162 Resp: 104958

Ion Ratio Lower Upper

162 100

164 63.8 48.0 88.0

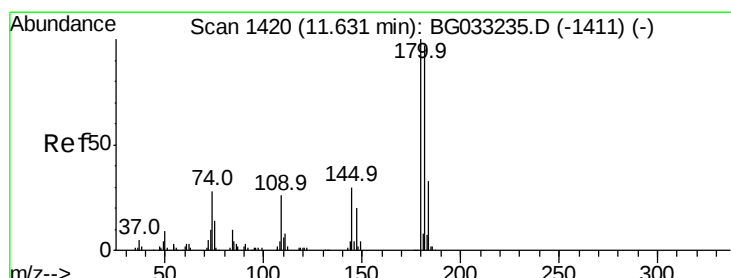
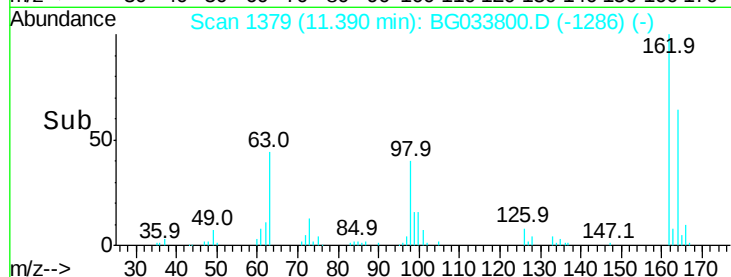
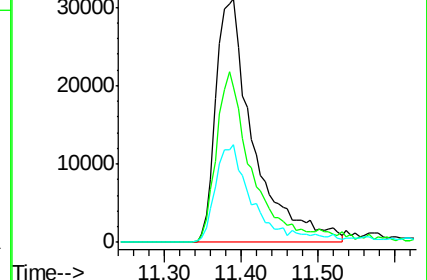
98 40.3 21.1 61.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 43.207 ng

RT: 11.58 min Scan# 1412

Delta R.T. -0.01 min

Lab File: BG033800.D

Acq: 13 Apr 2018 17:27

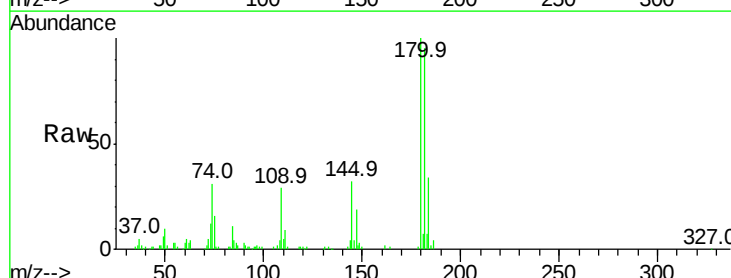
Tgt Ion:180 Resp: 113908

Ion Ratio Lower Upper

180 100

182 94.9 77.5 116.3

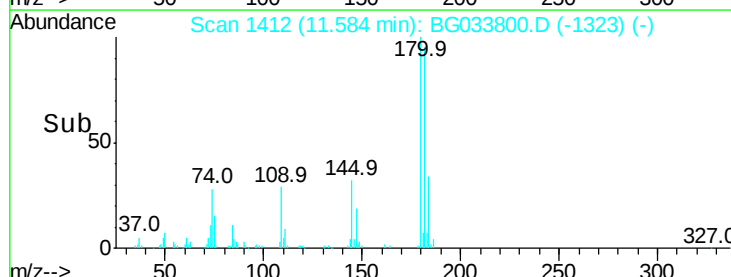
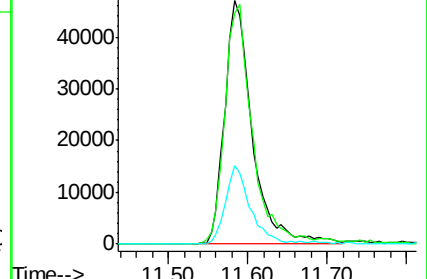
145 32.4 23.4 35.2

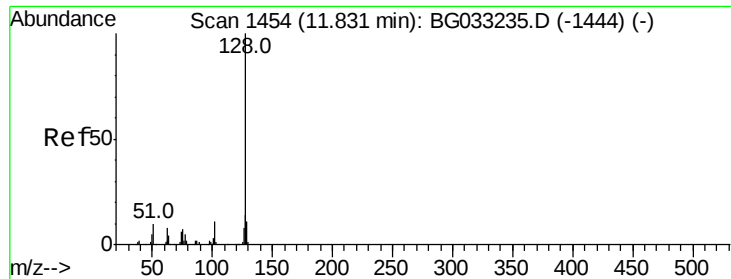


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

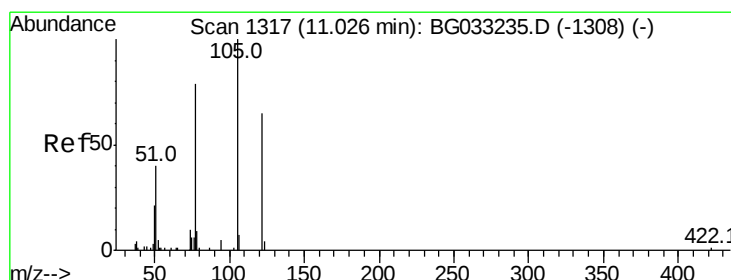
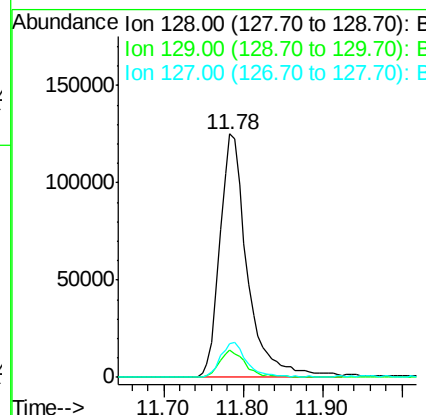
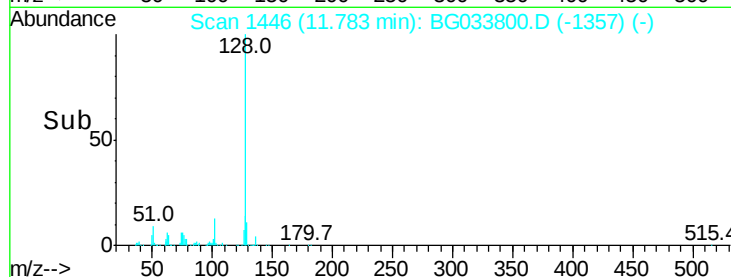
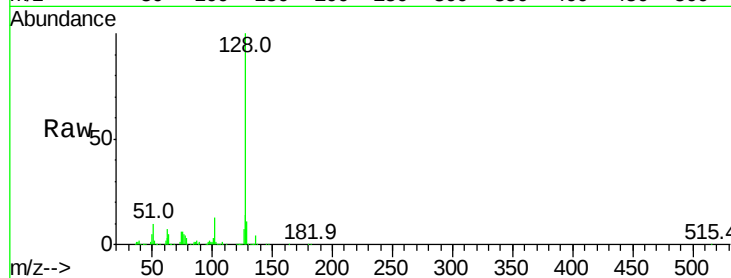




#31
Naphthalene
Concen: 45.207 ng
RT: 11.78 min Scan# 1446
Delta R.T. -0.01 min
Lab File: BG033800.D
Acq: 13 Apr 2018 17:27

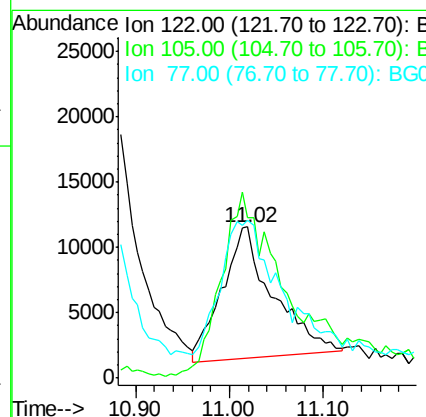
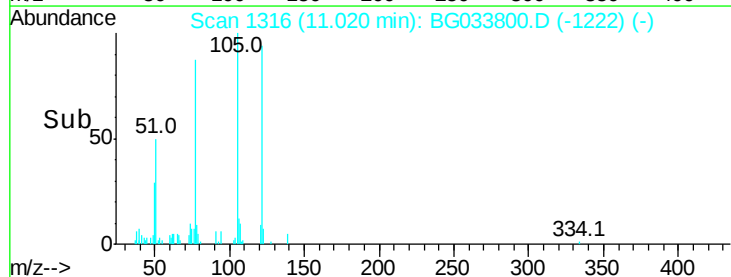
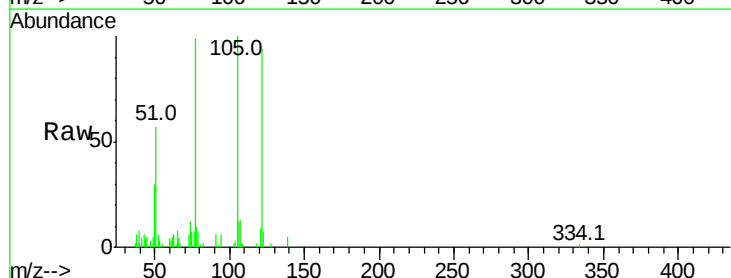
Instrument :
BNA_G
ClientSampleId :

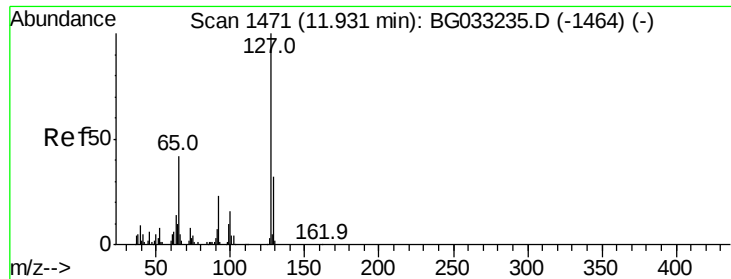
Tot Ion:128 Resp: 301668
Ion Ratio Lower Upper
128 100
129 11.4 8.6 12.8
127 14.1 11.6 17.4



#32
Benzoic acid
Concen: 24.598 ng
RT: 11.02 min Scan# 1316
Delta R.T. 0.02 min
Lab File: BG033800.D
Acq: 13 Apr 2018 17:27

Tgt Ion:122 Resp: 37729
Ion Ratio Lower Upper
122 100
105 106.0 123.5 163.5#
77 104.7 85.7 125.7

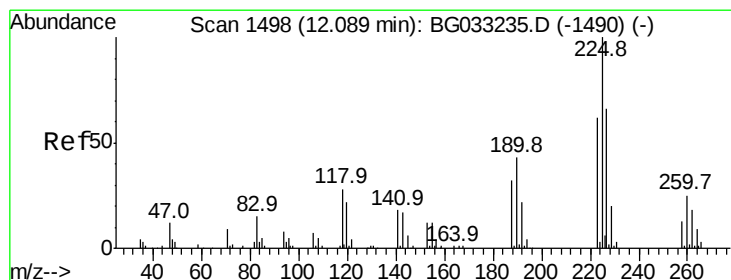
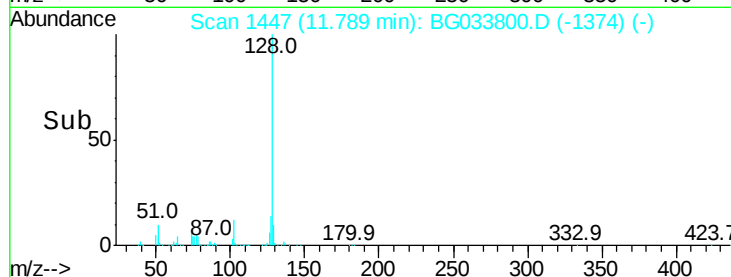
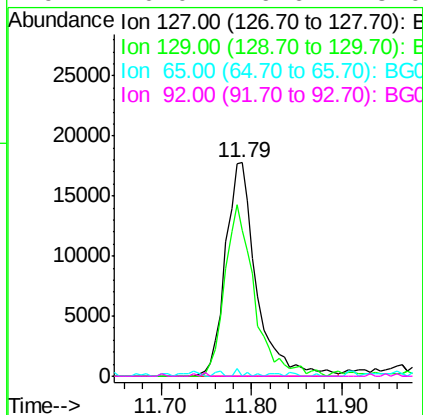
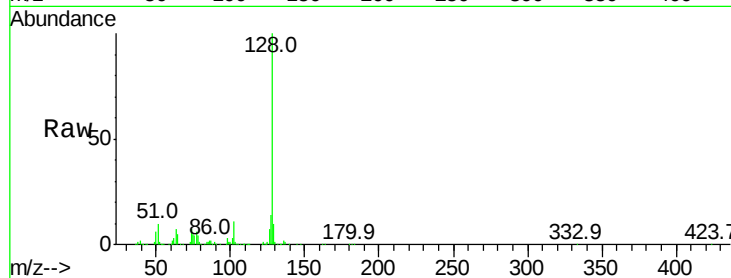




#33
4-Chloroaniline
Concen: 14.091 ng
RT: 11.79 min Scan# 1447
Delta R.T. -0.10 min
Lab File: BG033800.D
Acq: 13 Apr 2018 17:27

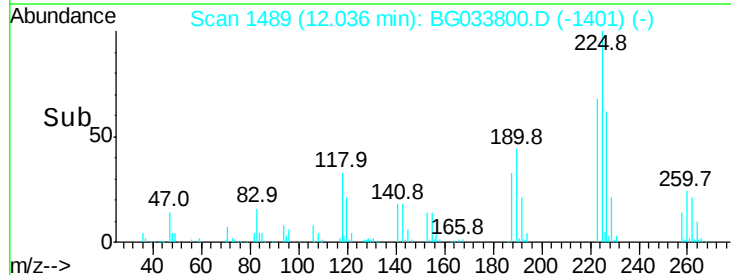
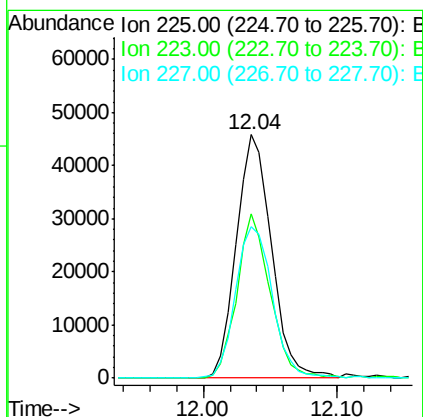
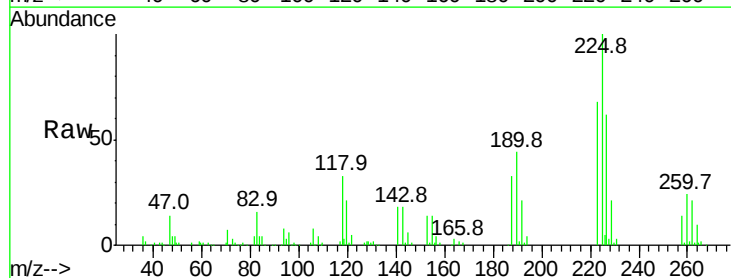
Instrument :
BNA_G
ClientSampleId :

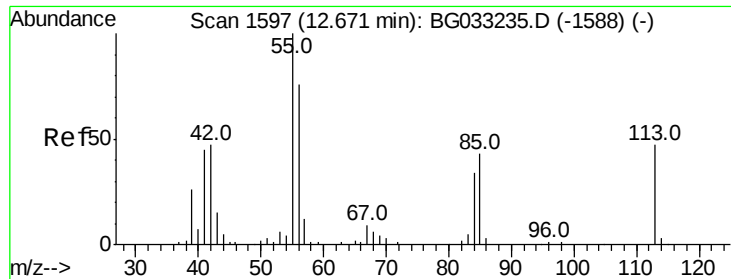
Tot Ion:	127	Resp:	42127
Ion	Ratio	Lower	Upper
127	100		
129	68.4	24.0	36.0#
65	0.0	27.0	40.4#
92	0.0	16.6	25.0#



#34
Hexachlorobutadiene
Concen: 42.024 ng
RT: 12.04 min Scan# 1489
Delta R.T. -0.01 min
Lab File: BG033800.D
Acq: 13 Apr 2018 17:27

Tgt Ion:	225	Resp:	83782
Ion	Ratio	Lower	Upper
225	100		
223	67.7	49.7	74.5
227	62.5	48.1	72.1

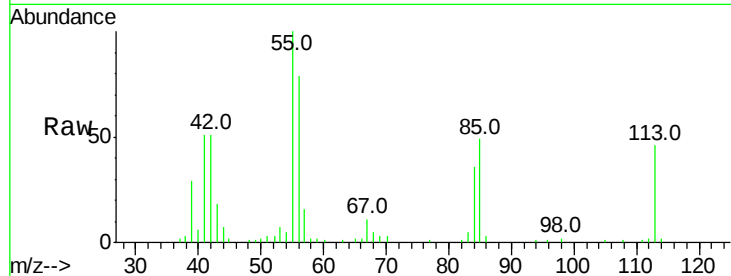




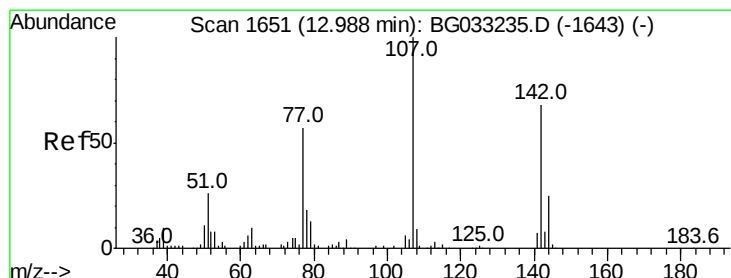
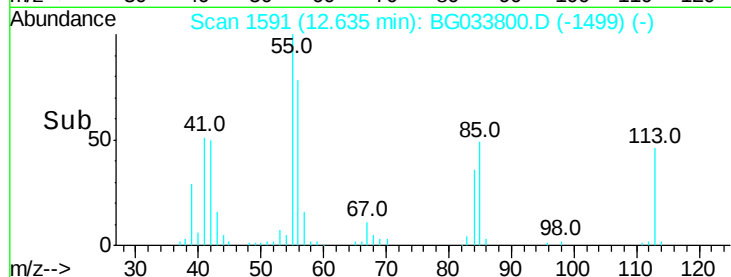
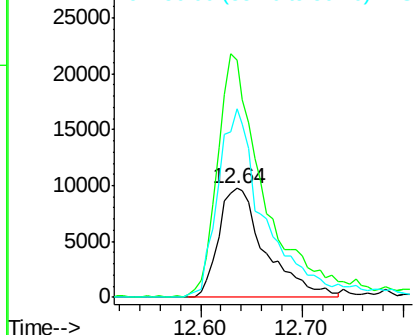
#35
 Caprolactam
 Concen: 39.354 ng
 RT: 12.64 min Scan# 1591
 Delta R.T. 0.01 min
 Lab File: BG033800.D
 Acq: 13 Apr 2018 17:27

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:113 Resp: 31284
 Ion Ratio Lower Upper
 113 100
 55 217.3 186.9 226.9
 56 172.4 130.9 170.9#

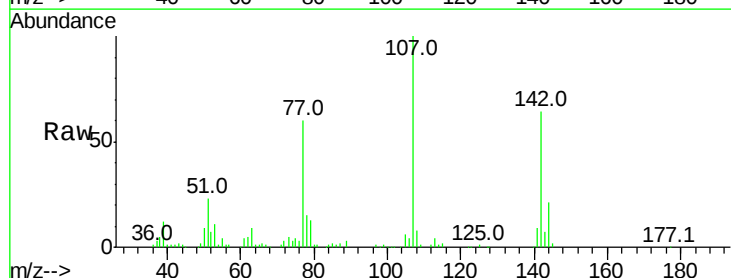


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BG
 Ion 56.00 (55.70 to 56.70): BG

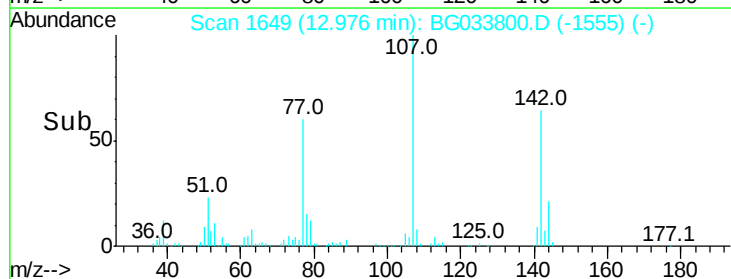
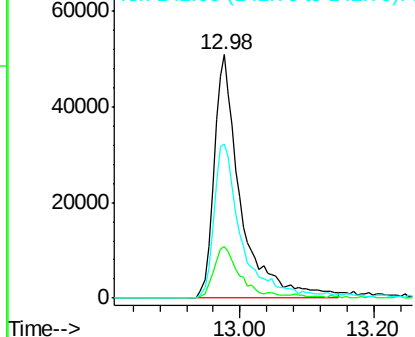


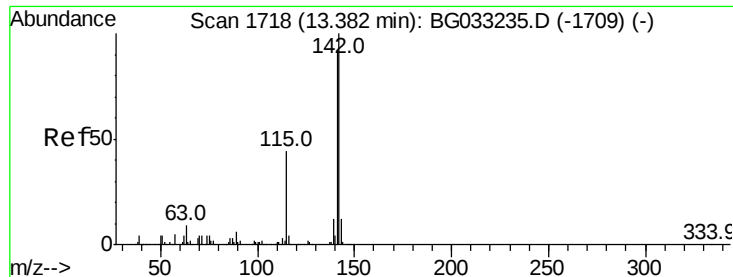
#36
 4-Chloro-3-methylphenol
 Concen: 53.690 ng
 RT: 12.98 min Scan# 1649
 Delta R.T. 0.02 min
 Lab File: BG033800.D
 Acq: 13 Apr 2018 17:27

Tgt Ion:107 Resp: 142091
 Ion Ratio Lower Upper
 107 100
 144 21.1 18.2 27.4
 142 63.5 59.0 88.4



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

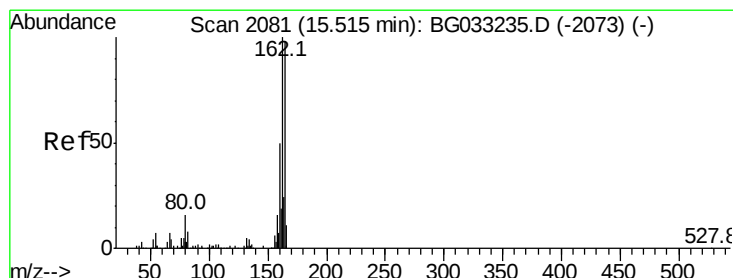
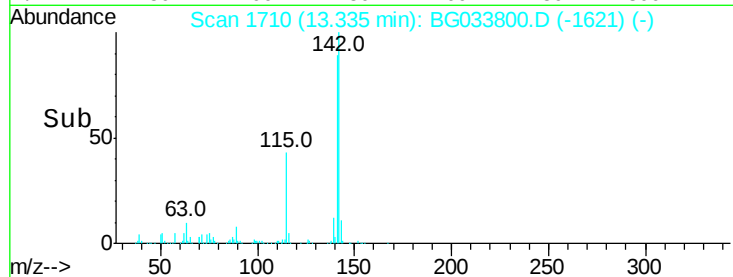
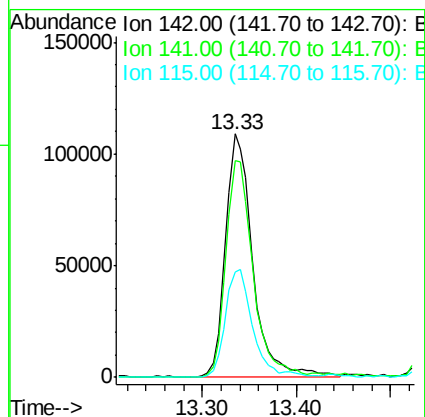
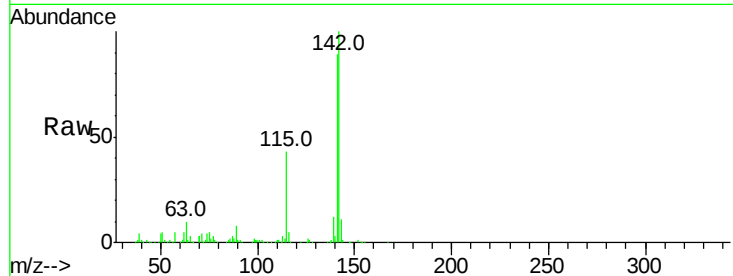




#37
 2-Methylnaphthalene
 Concen: 42.250 ng
 RT: 13.33 min Scan# 1710
 Delta R.T. -0.01 min
 Lab File: BG033800.D
 Acq: 13 Apr 2018 17:27

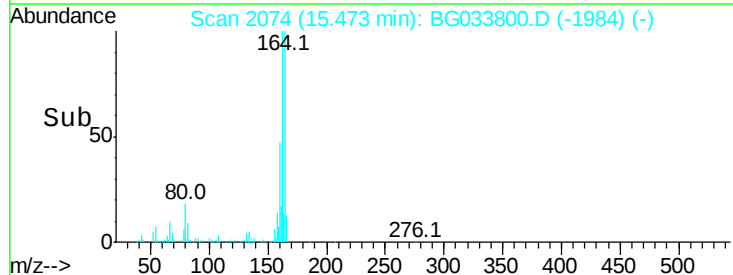
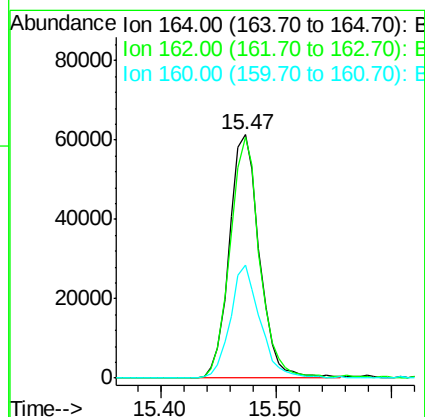
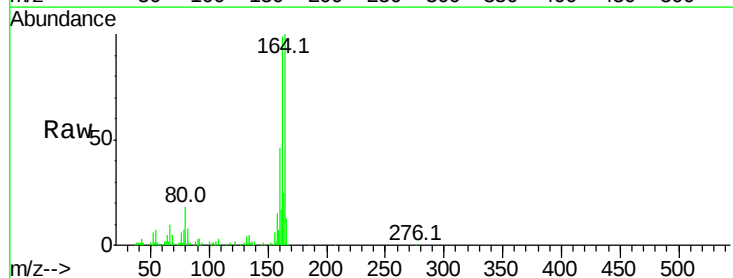
Instrument :
 BNA_G
 ClientSampleId :

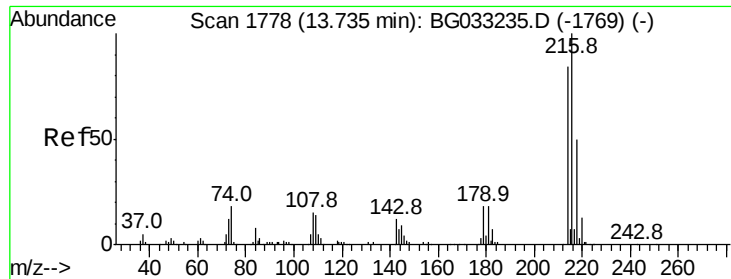
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	67.1	100.7
115	43.5	30.7	46.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2074
 Delta R.T. 0.00 min
 Lab File: BG033800.D
 Acq: 13 Apr 2018 17:27

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.9	78.8	118.2
160	46.4	35.4	53.0

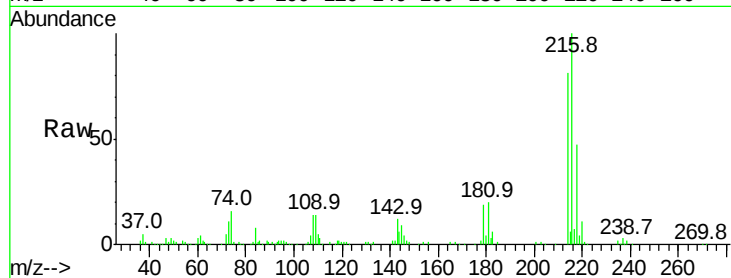




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.419 ng
 RT: 13.69 min Scan# 1771
 Delta R.T. 0.00 min
 Lab File: BG033800.D
 Acq: 13 Apr 2018 17:27

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	216	Resp:	150101
Ion	Ratio	Lower	Upper
216	100		
214	78.6	63.0	94.4
179	19.9	17.0	25.6
108	18.5	12.8	19.2

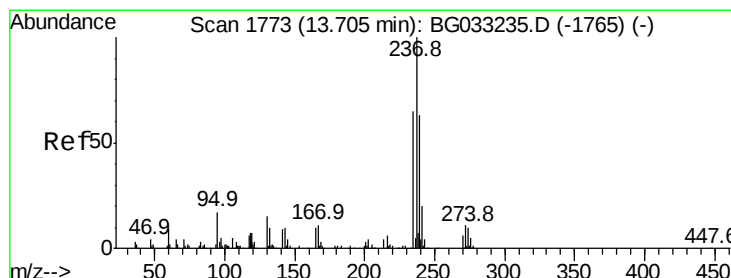
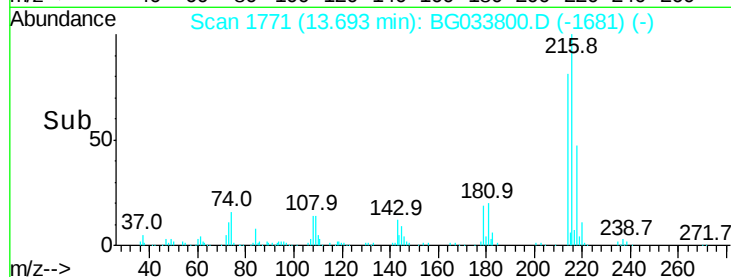
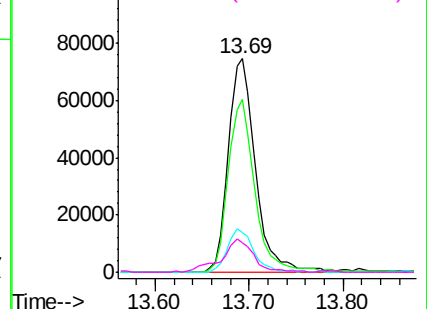


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

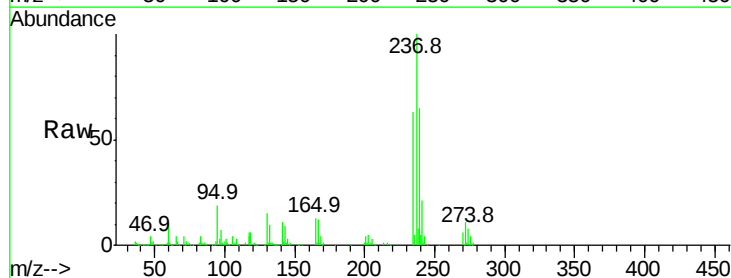
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 66.451 ng
 RT: 13.66 min Scan# 1765
 Delta R.T. -0.01 min
 Lab File: BG033800.D
 Acq: 13 Apr 2018 17:27

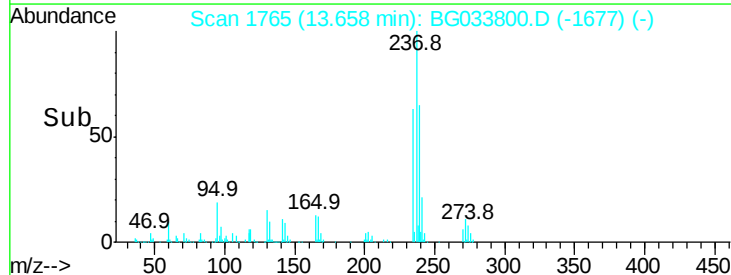
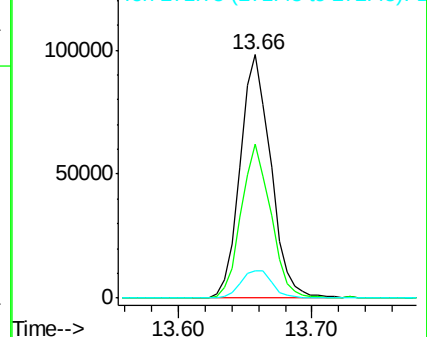
Tgt Ion:	237	Resp:	156262
Ion	Ratio	Lower	Upper
237	100		
235	63.1	50.4	90.4
272	11.0	0.0	31.8

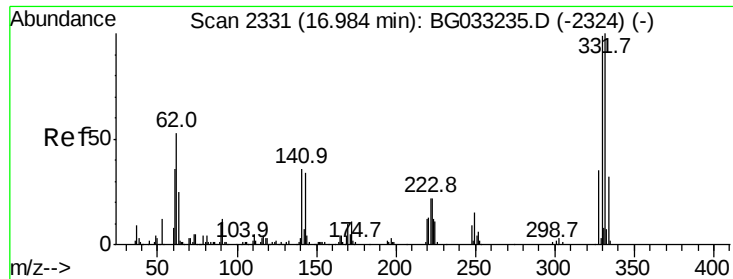


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

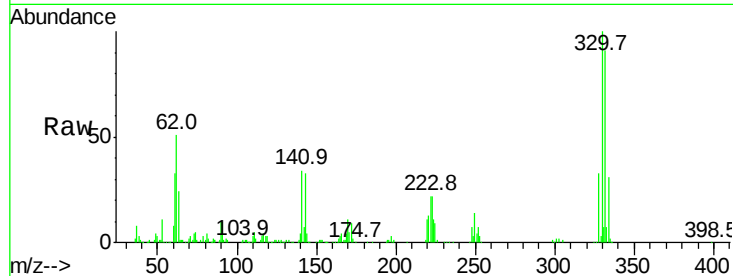




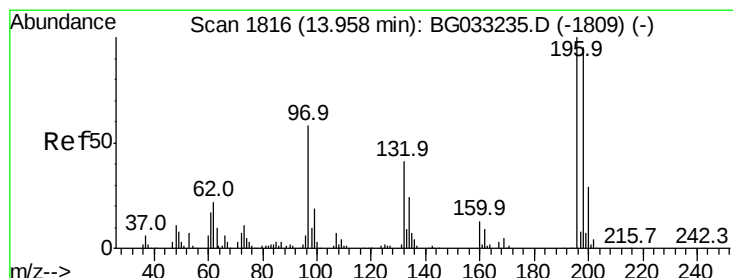
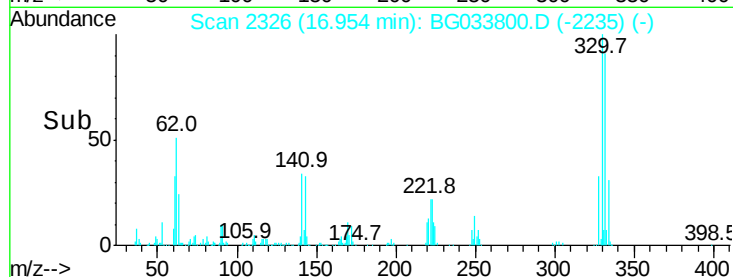
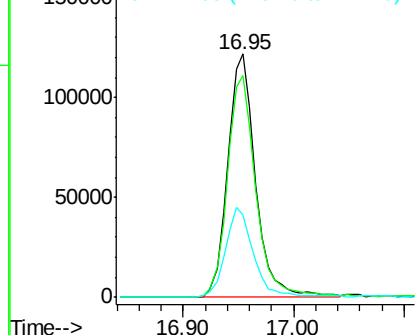
#41
 2,4,6-Tribromophenol
 Concen: 130.100 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. 0.01 min
 Lab File: BG033800.D
 Acq: 13 Apr 2018 17:27

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.8	77.0	115.6
141	37.5	25.2	37.8

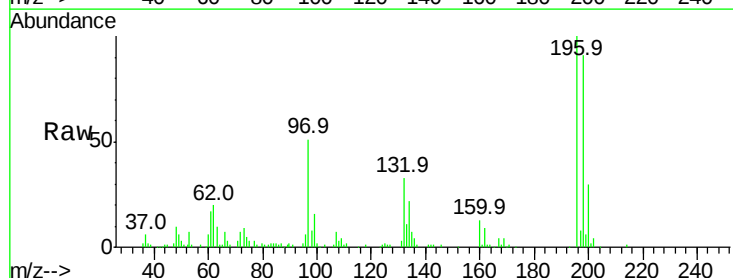


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

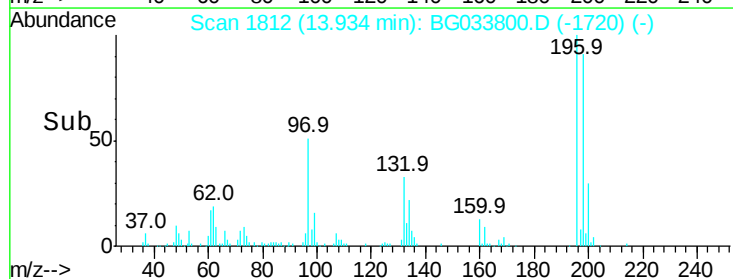
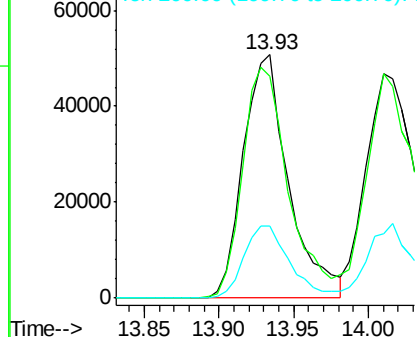


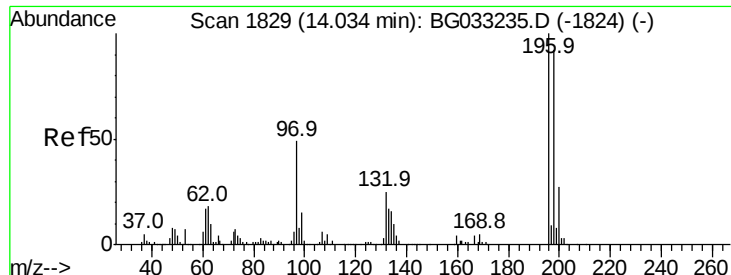
#42
 2,4,6-Trichlorophenol
 Concen: 45.917 ng
 RT: 13.93 min Scan# 1812
 Delta R.T. 0.01 min
 Lab File: BG033800.D
 Acq: 13 Apr 2018 17:27

Tgt Ion	Ratio	Lower	Upper
196	100		
198	90.9	78.2	117.2
200	29.9	24.6	36.8



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

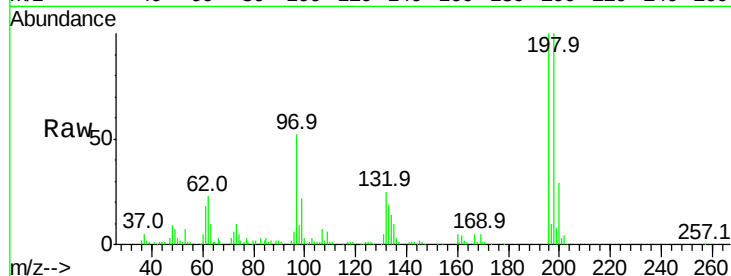




#43
 2,4,5-Trichlorophenol
 Concen: 41.656 ng
 RT: 14.01 min Scan# 1825
 Delta R.T. 0.01 min
 Lab File: BG033800.D
 Acq: 13 Apr 2018 17:27

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	99.6	76.2	114.4
97	51.5	38.7	58.1
132	25.1	20.2	30.2



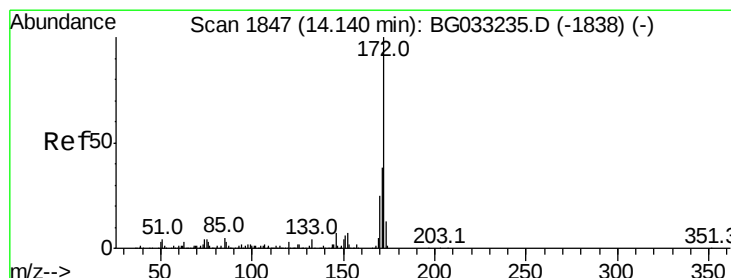
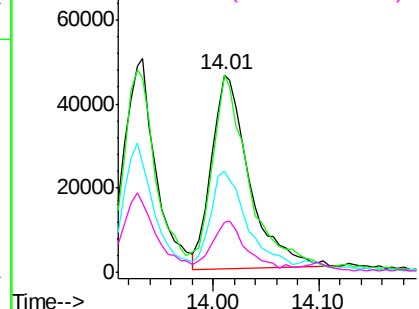
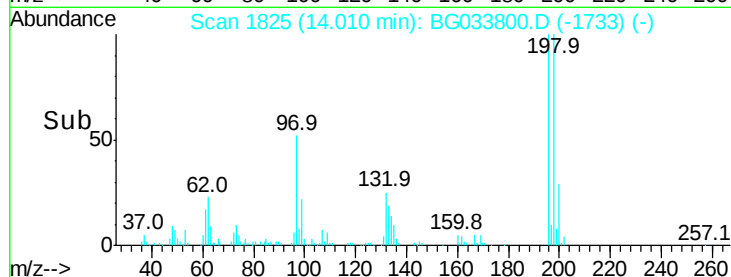
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

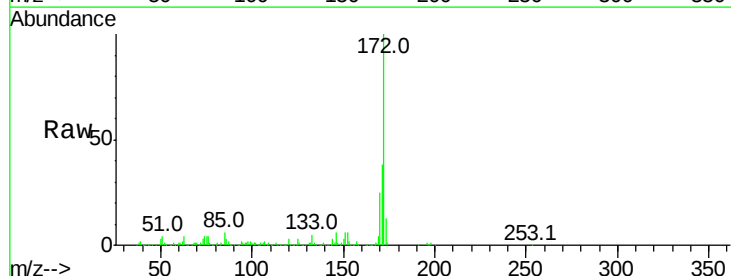
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 79.829 ng
 RT: 14.10 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BG033800.D
 Acq: 13 Apr 2018 17:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.0	45.0
170	25.0	19.5	29.3

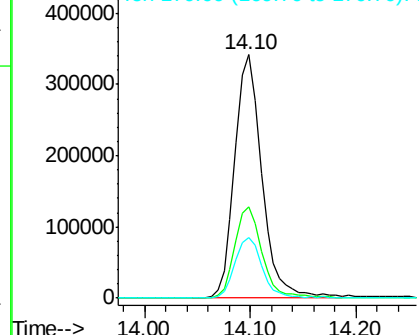
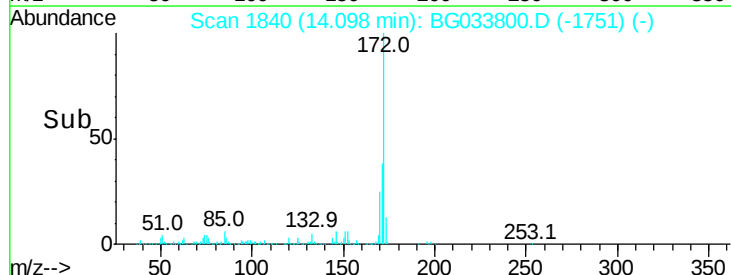


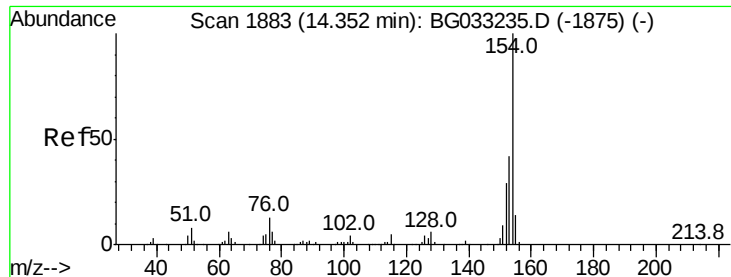
Abundance

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: 40.419 ng

RT: 14.31 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG033800.D

Acq: 13 Apr 2018 17:27

Instrument :

BNA_G

ClientSampled :

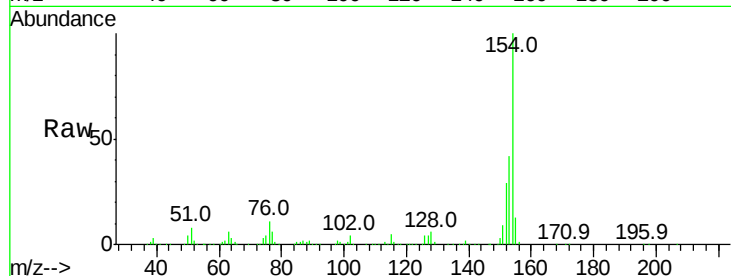
Tot Ion:154 Resp: 343885

Ion Ratio Lower Upper

154 100

153 42.1 19.8 59.8

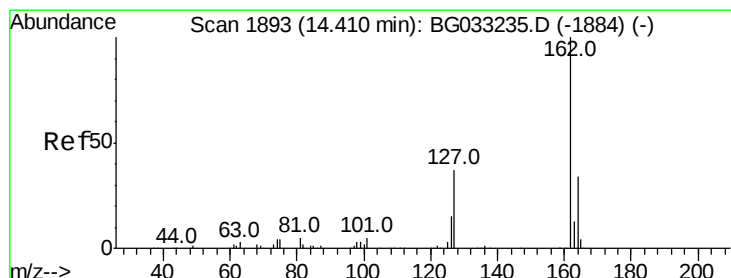
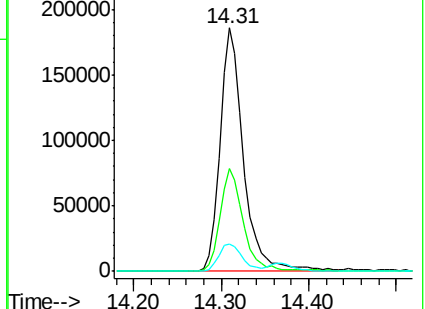
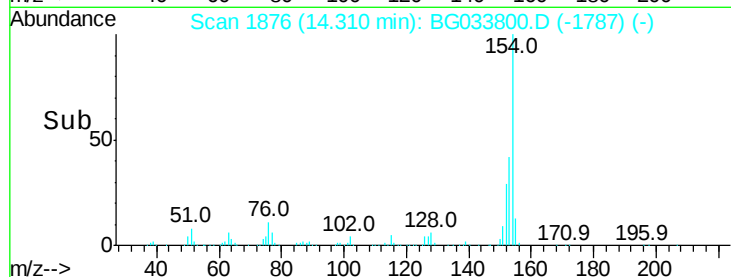
76 11.5 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 40.986 ng

RT: 14.37 min Scan# 1886

Delta R.T. 0.00 min

Lab File: BG033800.D

Acq: 13 Apr 2018 17:27

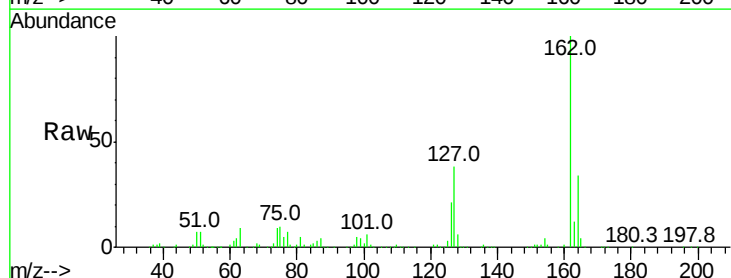
Tgt Ion:162 Resp: 268872

Ion Ratio Lower Upper

162 100

127 37.8 30.7 46.1

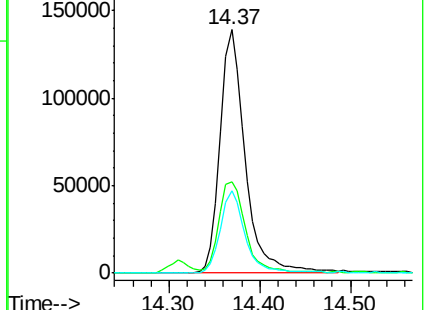
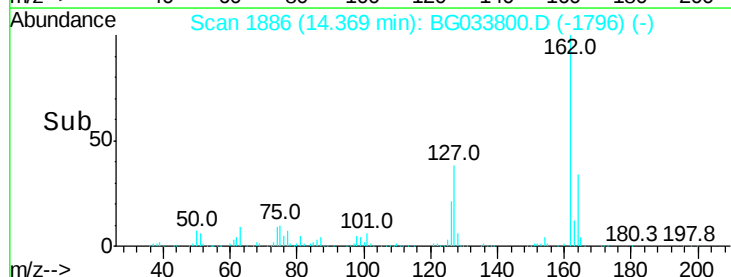
164 33.8 26.0 39.0

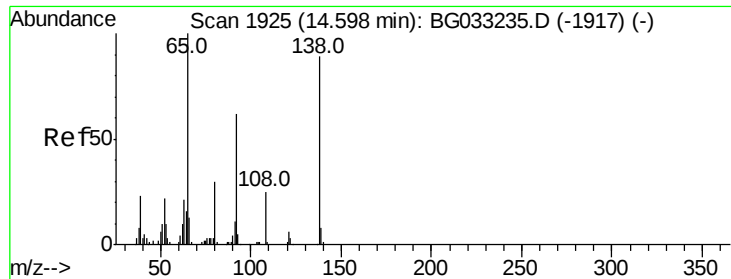


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 42.662 ng

RT: 14.57 min Scan# 1921

Delta R.T. 0.01 min

Lab File: BG033800.D

Acq: 13 Apr 2018 17:27

Instrument :

BNA_G

ClientSampleId :

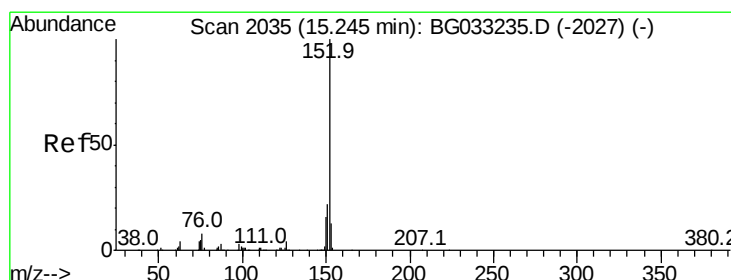
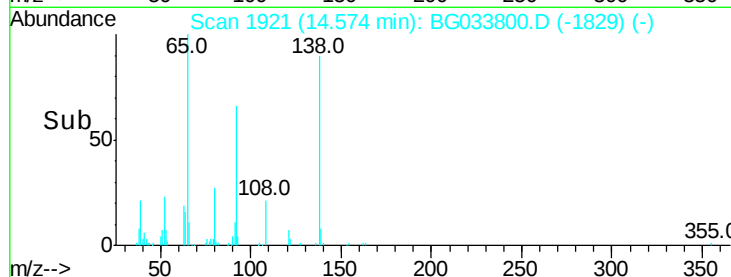
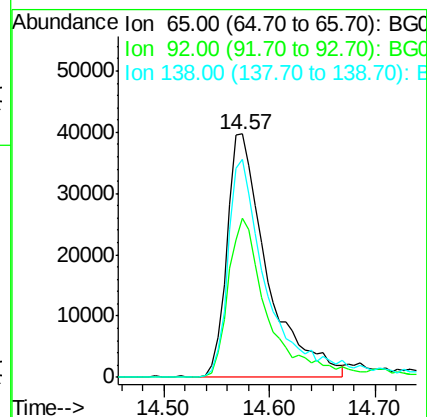
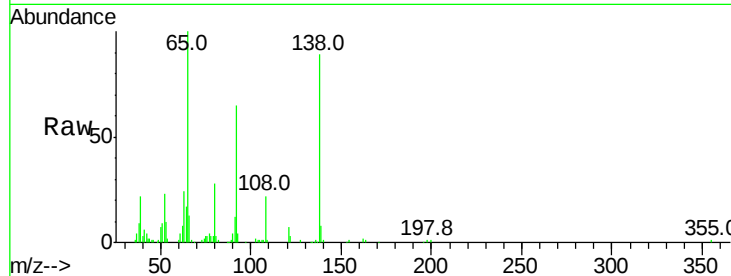
Tot Ion: 65 Resp: 104824

Ion Ratio Lower Upper

65 100

92 65.2 54.6 82.0

138 89.3 72.9 109.3



#48

Acenaphthylene

Concen: 41.498 ng

RT: 15.20 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BG033800.D

Acq: 13 Apr 2018 17:27

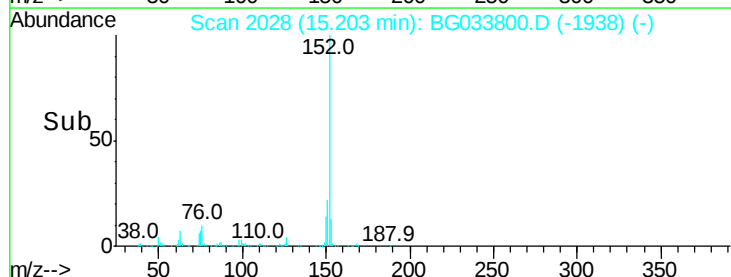
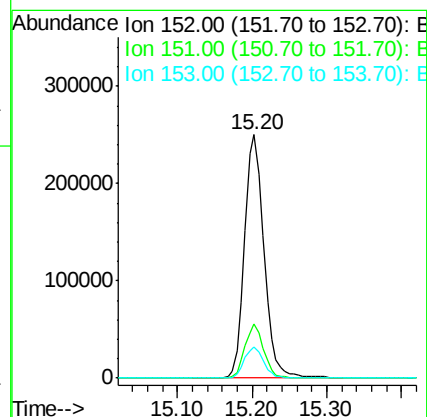
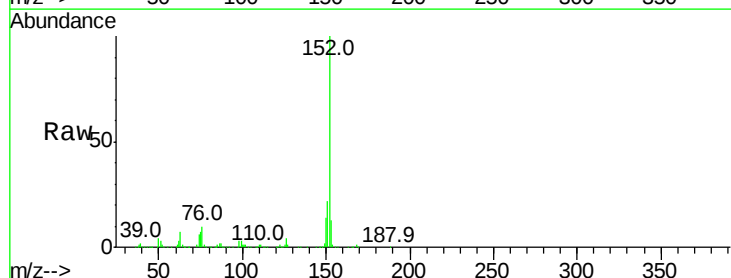
Tgt Ion: 152 Resp: 454409

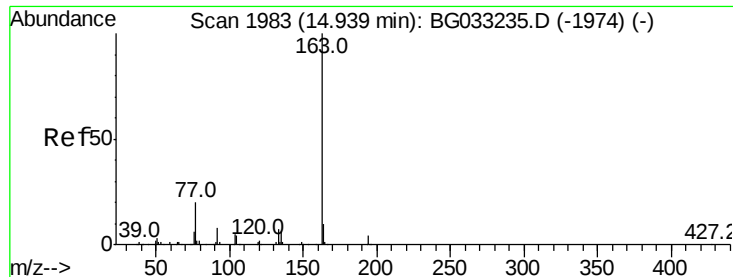
Ion Ratio Lower Upper

152 100

151 22.1 17.2 25.8

153 12.8 10.2 15.4

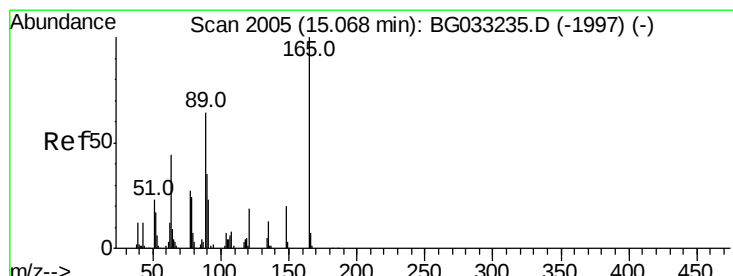
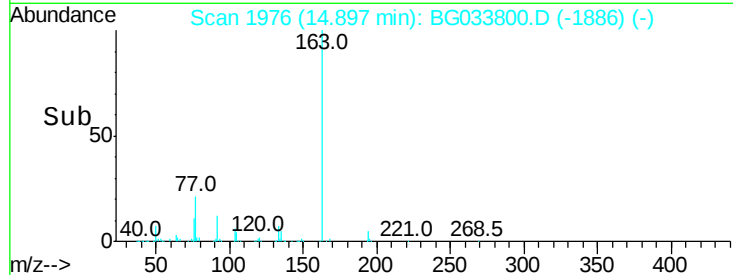
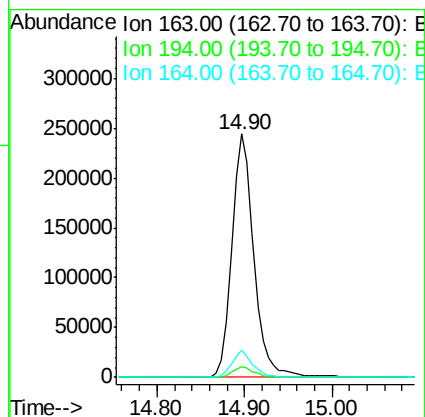
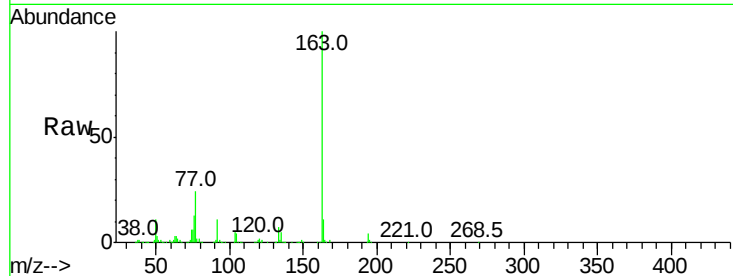




#49
Dimethylphthalate
Concen: 43.357 ng
RT: 14.90 min Scan# 1976
Delta R.T. 0.00 min
Lab File: BG033800.D
Acq: 13 Apr 2018 17:27

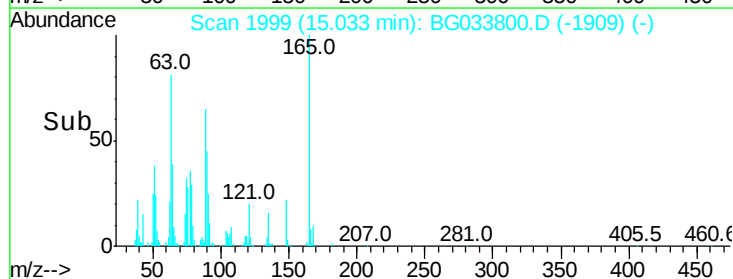
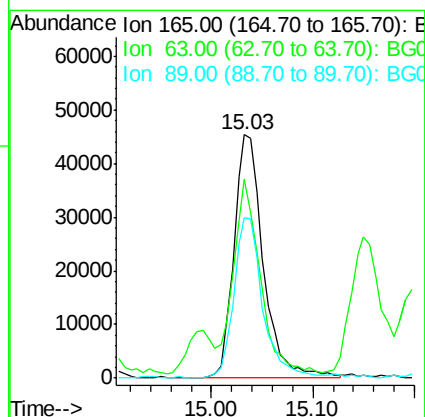
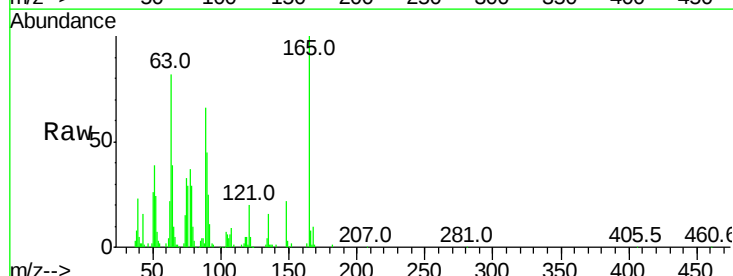
Instrument :
BNA_G
ClientSampleId :

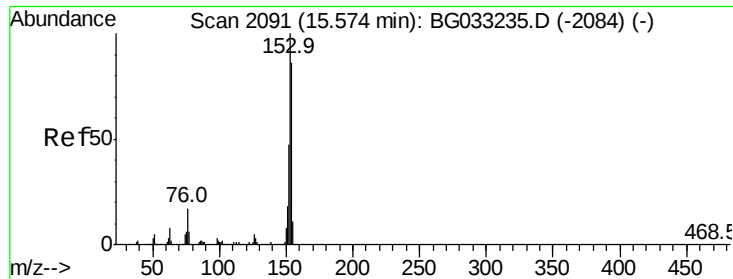
Tot Ion:163 Resp: 417852
Ion Ratio Lower Upper
163 100
194 4.5 3.4 5.2
164 11.1 8.2 12.4



#50
2,6-Dinitrotoluene
Concen: 46.212 ng
RT: 15.03 min Scan# 1999
Delta R.T. 0.00 min
Lab File: BG033800.D
Acq: 13 Apr 2018 17:27

Tgt Ion:165 Resp: 91066
Ion Ratio Lower Upper
165 100
63 81.6 52.7 79.1#
89 65.6 49.2 73.8





#51

Acenaphthene

Concen: 38.452 ng

RT: 15.53 min Scan# 2084

Delta R.T. -0.01 min

Lab File: BG033800.D

Acq: 13 Apr 2018 17:27

Instrument :

BNA_G

ClientSampled :

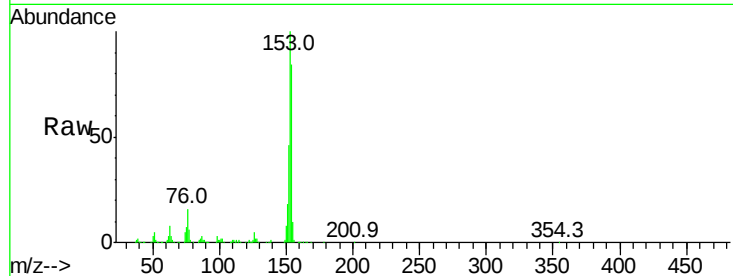
Tot Ion:154 Resp: 271429

Ion Ratio Lower Upper

154 100

153 118.6 90.4 135.6

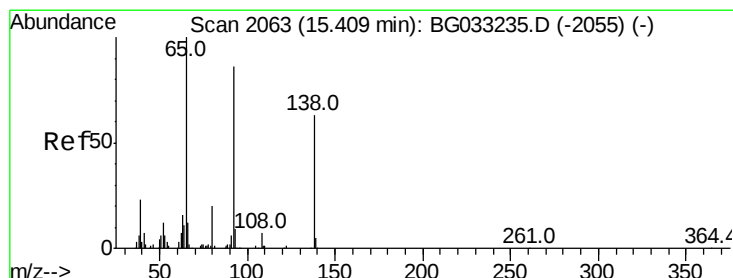
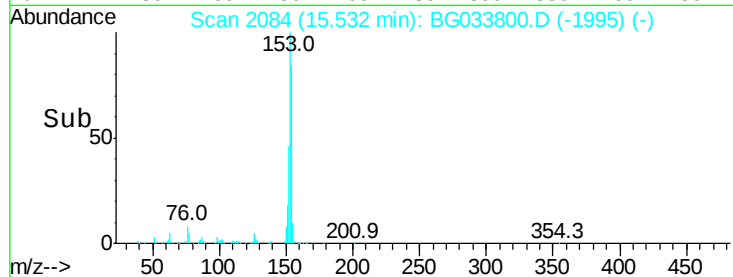
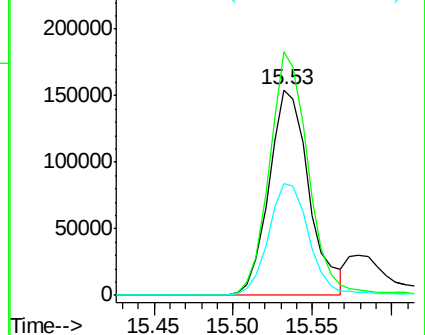
152 54.6 41.6 62.4



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: 6.269 ng

RT: 15.40 min Scan# 2061

Delta R.T. 0.02 min

Lab File: BG033800.D

Acq: 13 Apr 2018 17:27

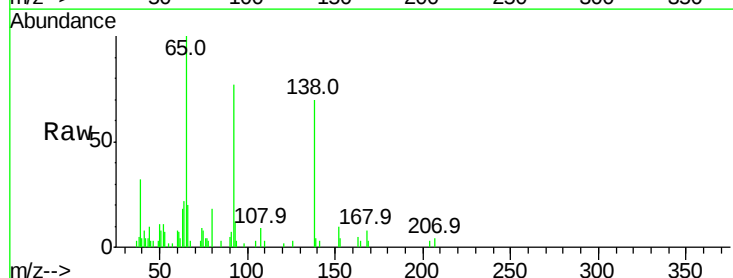
Tgt Ion:138 Resp: 12952

Ion Ratio Lower Upper

138 100

108 12.5 17.5 26.3#

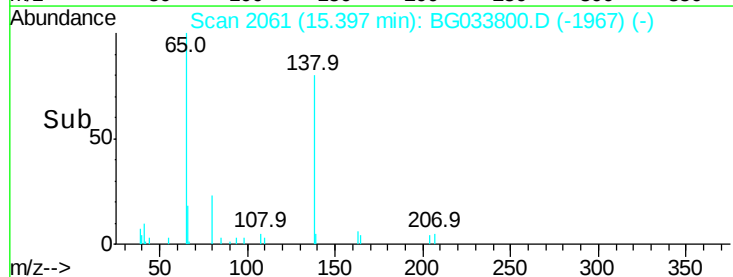
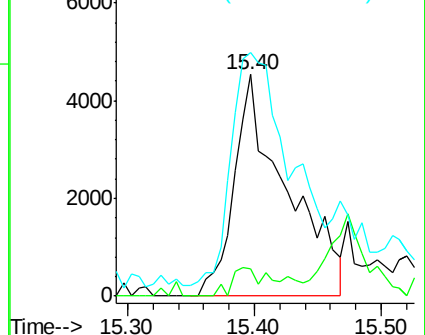
92 110.0 105.8 158.8

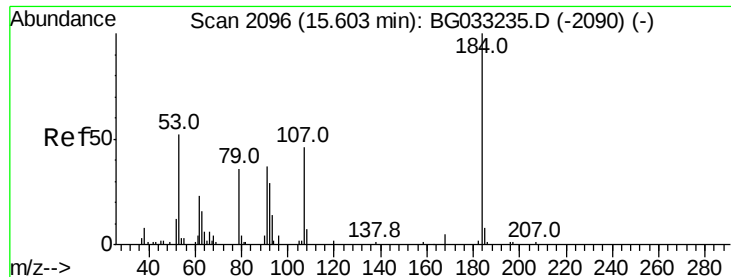


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG





#53

2,4-Dinitrophenol

Concen: 84.794 ng

RT: 15.58 min Scan# 2092

Delta R.T. 0.01 min

Lab File: BG033800.D

Acq: 13 Apr 2018 17:27

Instrument :

BNA_G

ClientSampleId :

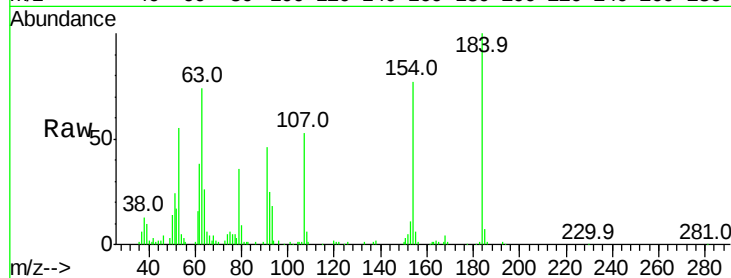
Tot Ion:184 Resp: 87048

Ion Ratio Lower Upper

184 100

63 74.0 59.8 89.8

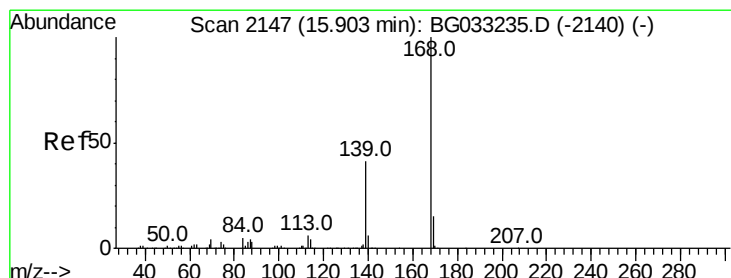
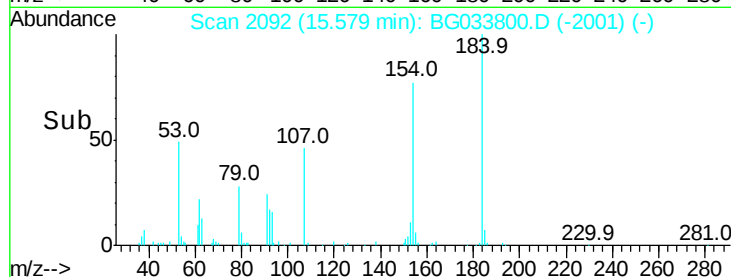
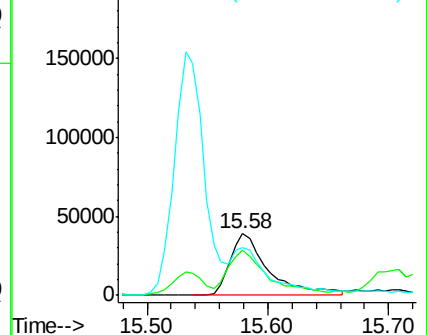
154 77.3 101.8 152.8#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 43.912 ng

RT: 15.87 min Scan# 2141

Delta R.T. 0.00 min

Lab File: BG033800.D

Acq: 13 Apr 2018 17:27

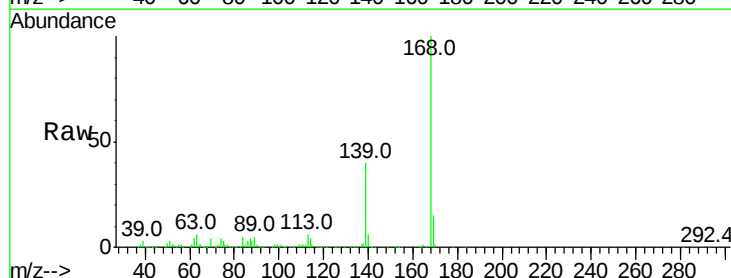
Tgt Ion:168 Resp: 457856

Ion Ratio Lower Upper

168 100

139 40.4 28.6 43.0

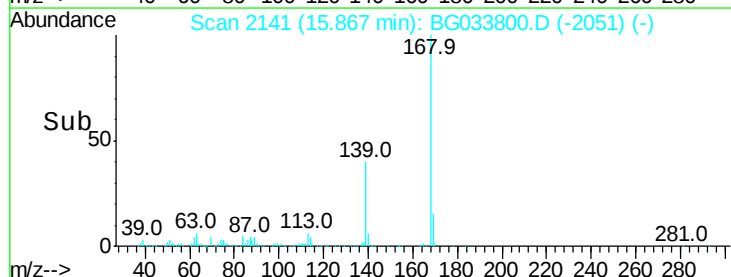
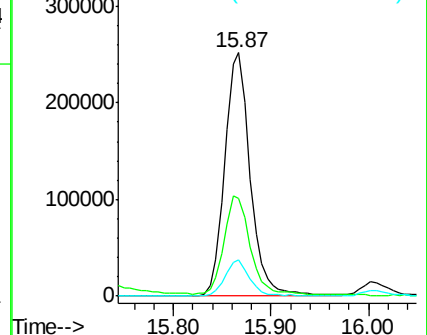
169 14.7 11.2 16.8

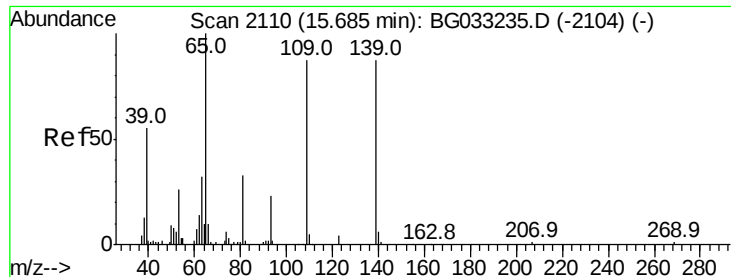


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

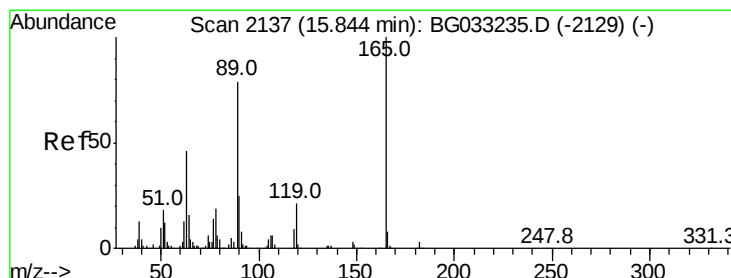
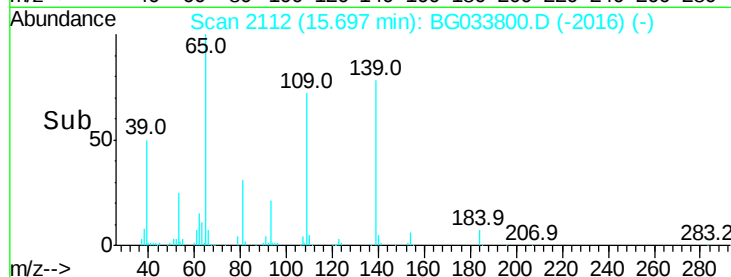
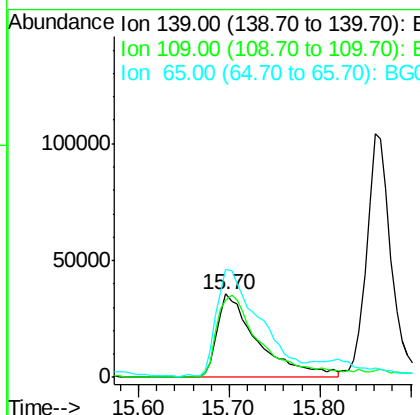
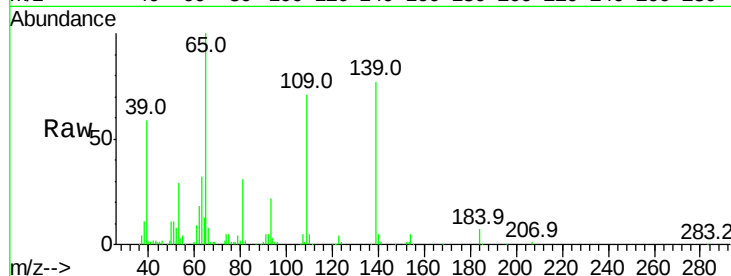




#55
4-Nitrophenol
Concen: 76.874 ng
RT: 15.70 min Scan# 2112
Delta R.T. 0.04 min
Lab File: BG033800.D
Acq: 13 Apr 2018 17:27

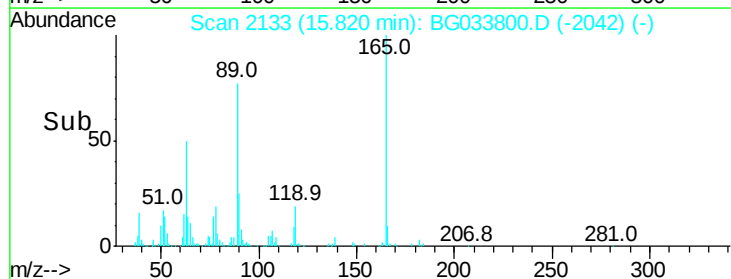
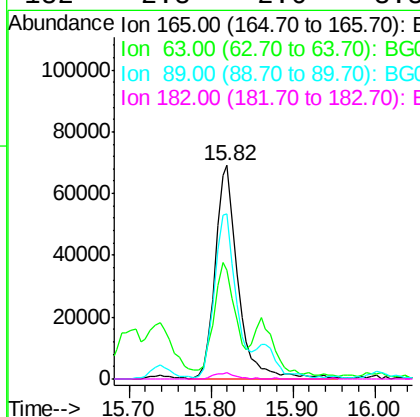
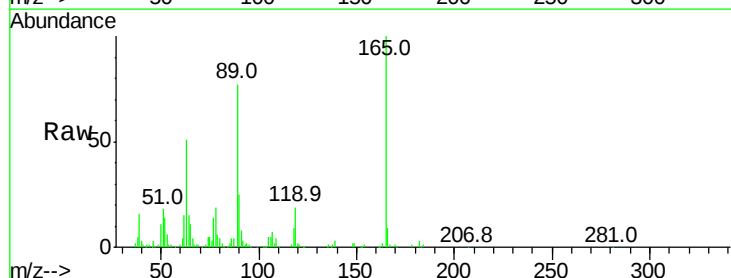
Instrument :
BNA_G
ClientSampleId :

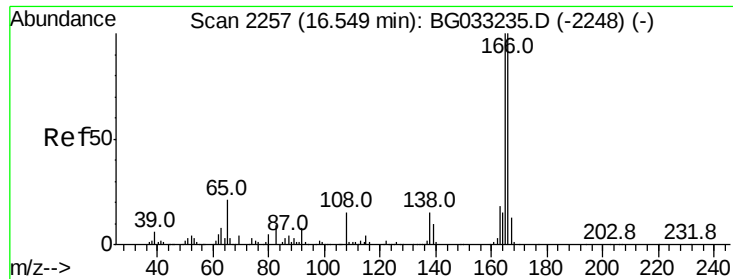
Tot Ion:139 Resp: 111678
Ion Ratio Lower Upper
139 100
109 92.5 62.2 102.2
65 129.9 97.2 137.2



#56
2,4-Dinitrotoluene
Concen: 46.536 ng
RT: 15.82 min Scan# 2133
Delta R.T. 0.01 min
Lab File: BG033800.D
Acq: 13 Apr 2018 17:27

Tgt Ion:165 Resp: 135025
Ion Ratio Lower Upper
165 100
63 50.7 42.0 63.0
89 77.3 66.9 100.3
182 2.8 2.6 3.8





#57

Fluorene

Concen: 41.415 ng

RT: 16.51 min Scan# 2250

Delta R.T. -0.01 min

Lab File: BG033800.D

Acq: 13 Apr 2018 17:27

Instrument :

BNA_G

ClientSampled :

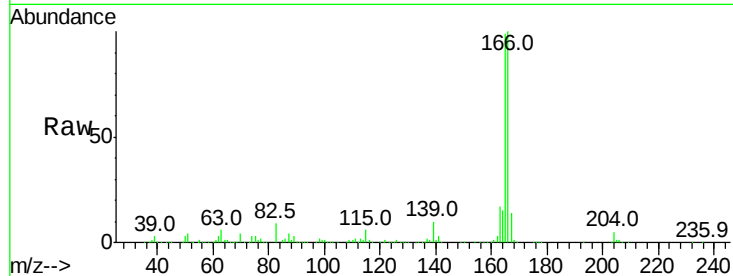
Tot Ion:166 Resp: 367886

Ion Ratio Lower Upper

166 100

165 99.2 80.6 121.0

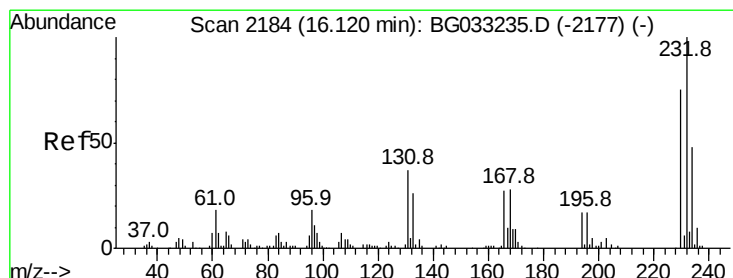
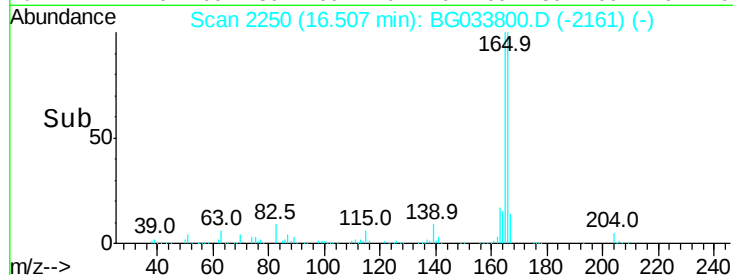
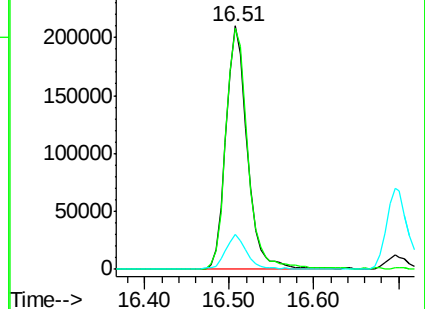
167 14.2 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 45.408 ng

RT: 16.08 min Scan# 2178

Delta R.T. 0.00 min

Lab File: BG033800.D

Acq: 13 Apr 2018 17:27

Tgt Ion:232 Resp: 117761

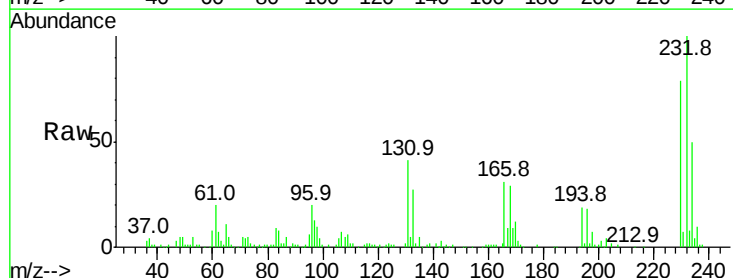
Ion Ratio Lower Upper

232 100

131 40.6 33.5 50.3

130 2.5 2.2 3.2

166 29.0 24.8 37.2

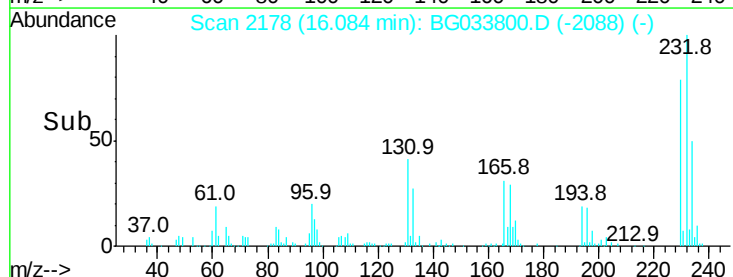
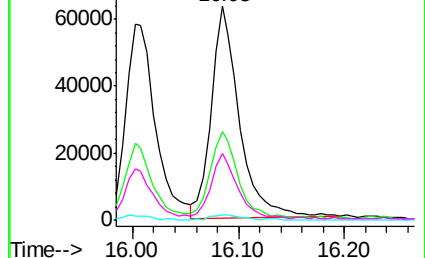


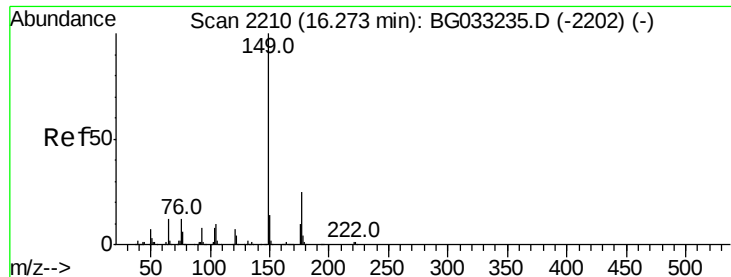
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

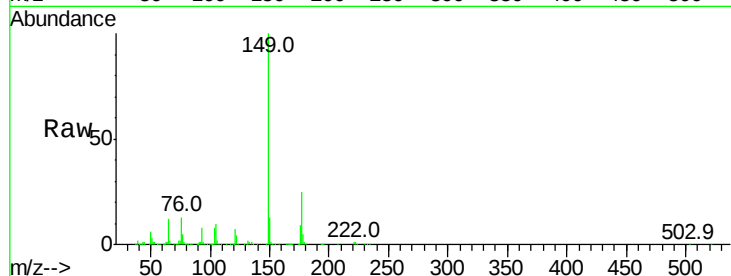




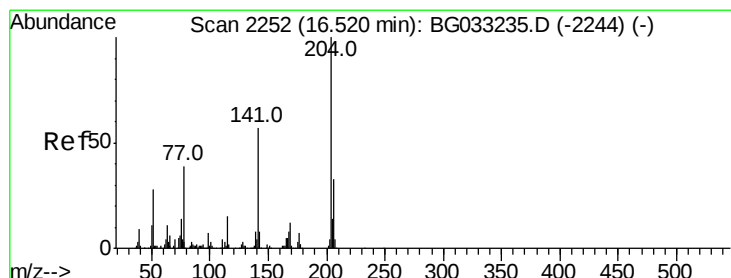
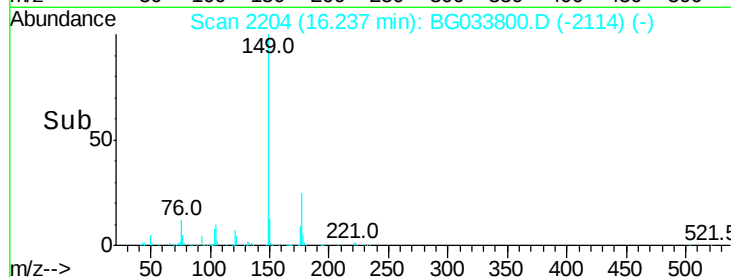
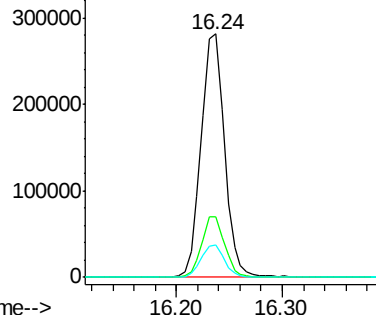
#59
Diethylphthalate
Concen: 46.092 ng
RT: 16.24 min Scan# 2204
Delta R.T. 0.00 min
Lab File: BG033800.D
Acq: 13 Apr 2018 17:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
177	24.7	18.5	27.7
150	13.3	10.2	15.2

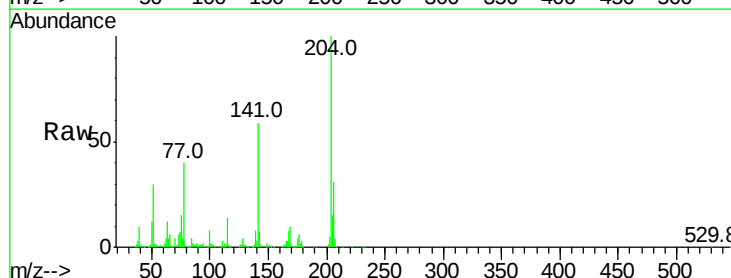


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

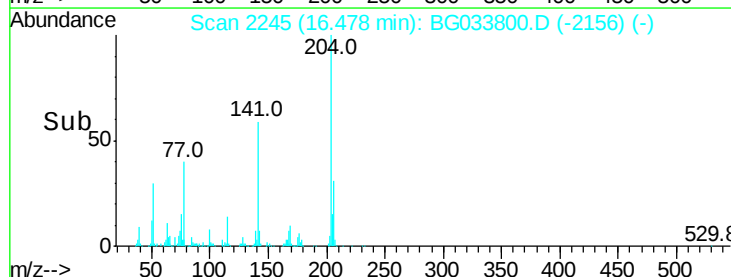
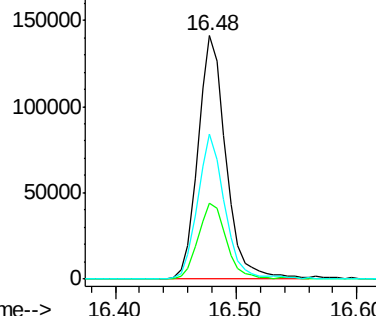


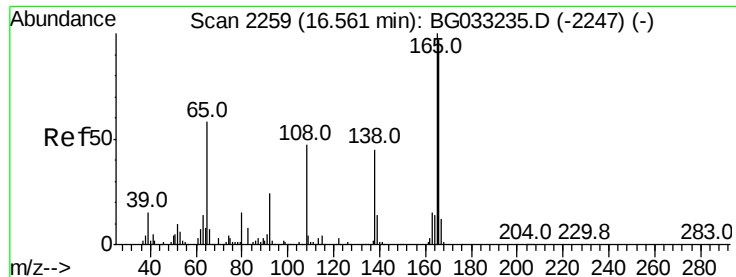
#60
4-Chlorophenyl-phenylether
Concen: 44.344 ng
RT: 16.48 min Scan# 2245
Delta R.T. -0.01 min
Lab File: BG033800.D
Acq: 13 Apr 2018 17:27

Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.2	26.2	39.2
141	59.5	45.8	68.6



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

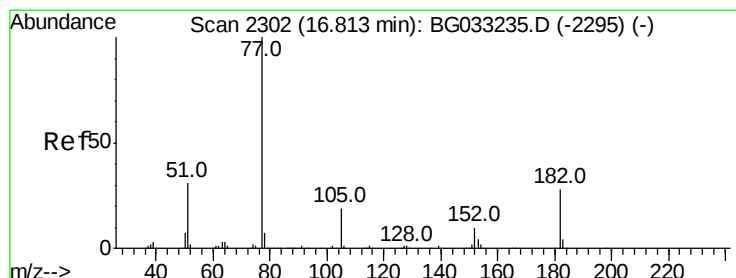
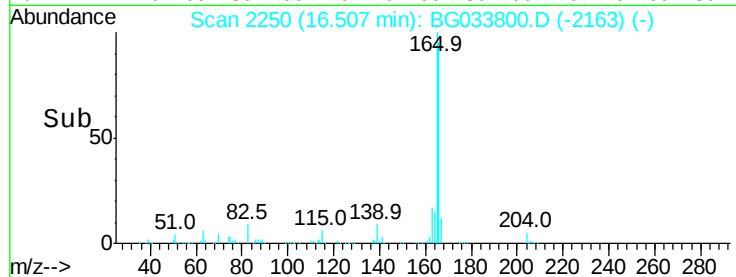
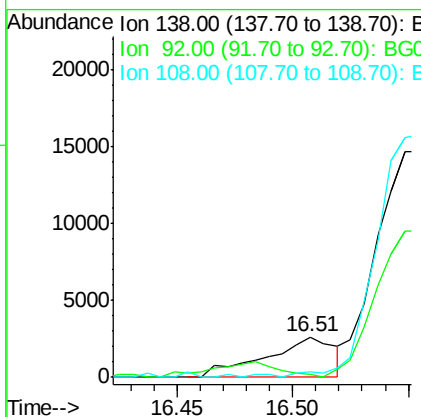
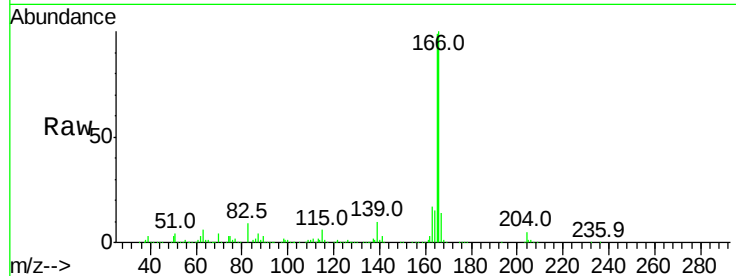




#61
4-Nitroaniline
Concen: 2.594 ng
RT: 16.51 min Scan# 2250
Delta R.T. -0.02 min
Lab File: BG033800.D
Acq: 13 Apr 2018 17:27

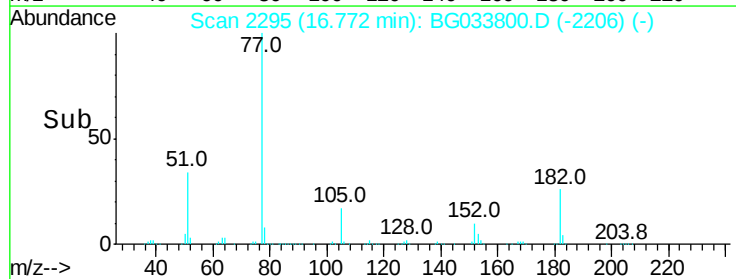
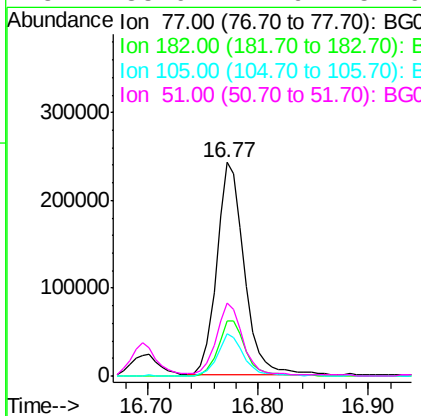
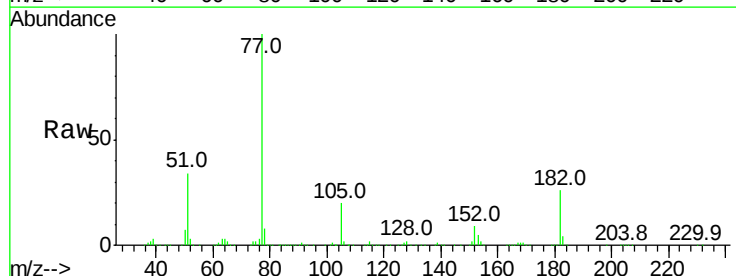
Instrument :
BNA_G
ClientSampleId :

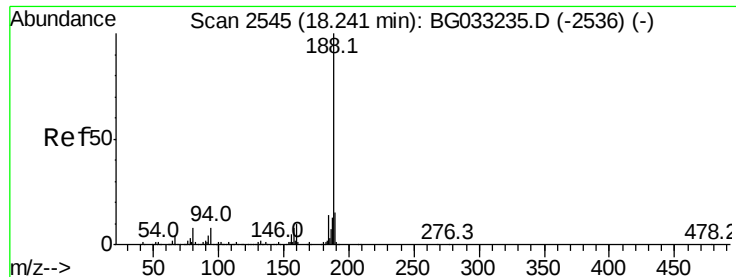
Tot Ion:138 Resp: 5427
Ion Ratio Lower Upper
138 100
92 5.9 40.1 80.1#
108 12.5 65.4 105.4#



#62
Azobenzene
Concen: 45.767 ng
RT: 16.77 min Scan# 2295
Delta R.T. -0.01 min
Lab File: BG033800.D
Acq: 13 Apr 2018 17:27

Tgt Ion: 77 Resp: 414890
Ion Ratio Lower Upper
77 100
182 25.7 7.4 47.4
105 19.7 0.3 40.3
51 33.9 11.6 51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.21 min Scan# 2539

Delta R.T. 0.00 min

Lab File: BG033800.D

Acq: 13 Apr 2018 17:27

Instrument :

BNA_G

ClientSampleId :

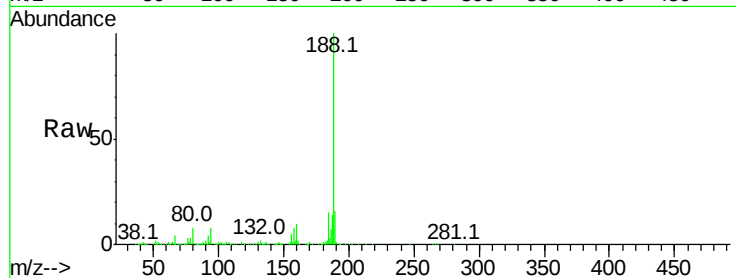
Tot Ion:188 Resp: 298578

Ion Ratio Lower Upper

188 100

94 8.0 6.9 10.3

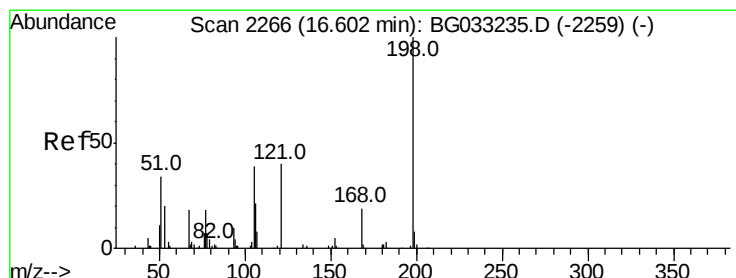
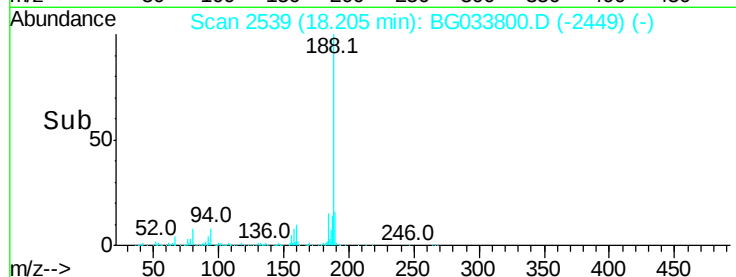
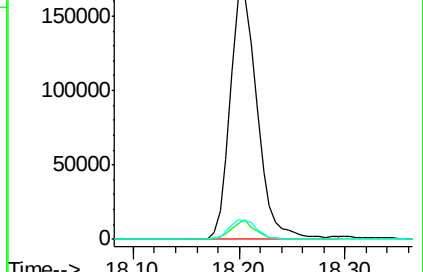
80 7.8 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0



#64

4,6-Dinitro-2-methylphenol

Concen: 45.495 ng

RT: 16.58 min Scan# 2262

Delta R.T. 0.01 min

Lab File: BG033800.D

Acq: 13 Apr 2018 17:27

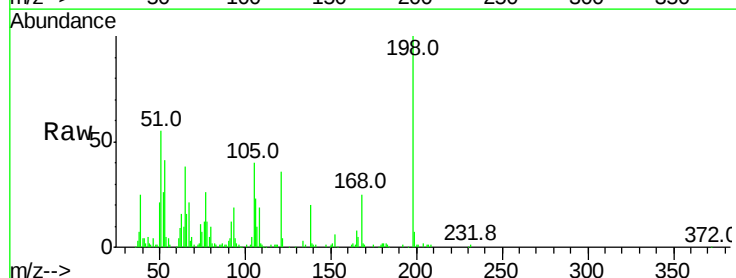
Tgt Ion:198 Resp: 81263

Ion Ratio Lower Upper

198 100

51 55.2 30.6 70.6

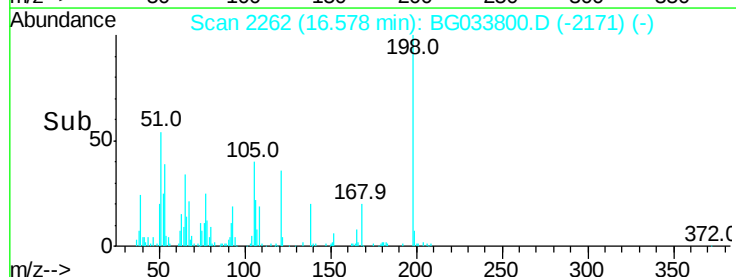
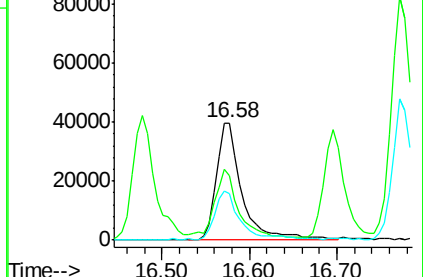
105 39.7 23.8 63.8

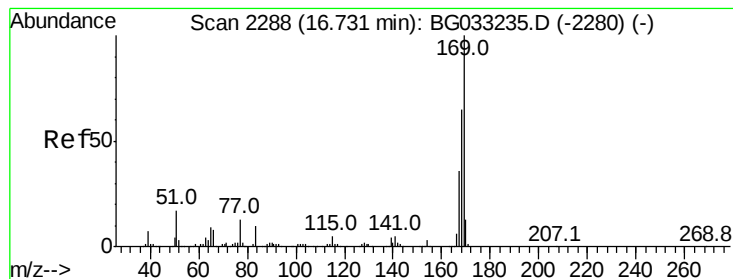


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 42.577 ng

RT: 16.70 min Scan# 2282

Delta R.T. 0.00 min

Lab File: BG033800.D

Acq: 13 Apr 2018 17:27

Instrument :

BNA_G

ClientSampleId :

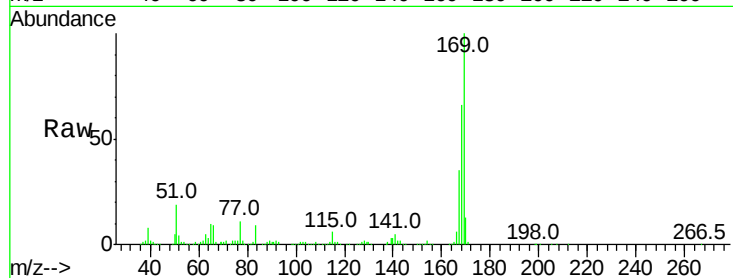
Tot Ion:169 Resp: 362927

Ion Ratio Lower Upper

169 100

168 65.7 55.7 83.5

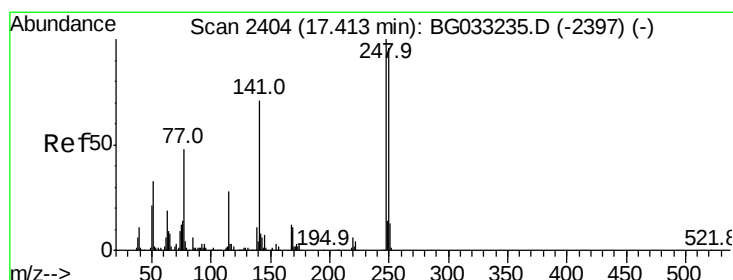
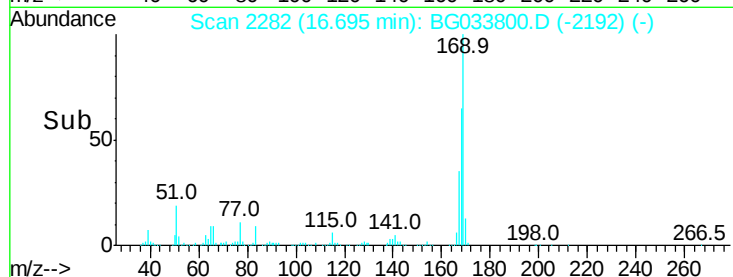
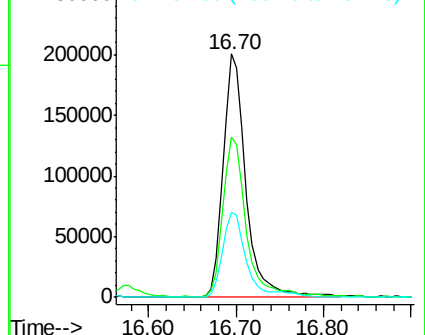
167 34.8 30.1 45.1



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: 43.180 ng

RT: 17.37 min Scan# 2397

Delta R.T. -0.01 min

Lab File: BG033800.D

Acq: 13 Apr 2018 17:27

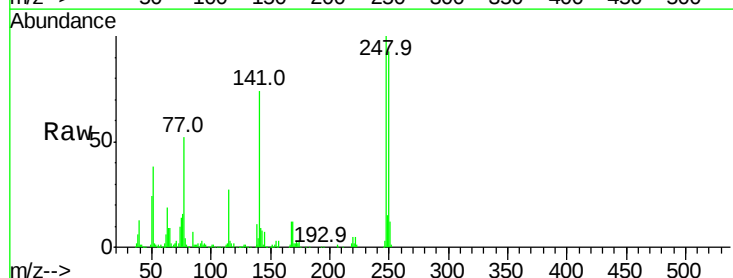
Tgt Ion:248 Resp: 151412

Ion Ratio Lower Upper

248 100

250 93.1 77.1 115.7

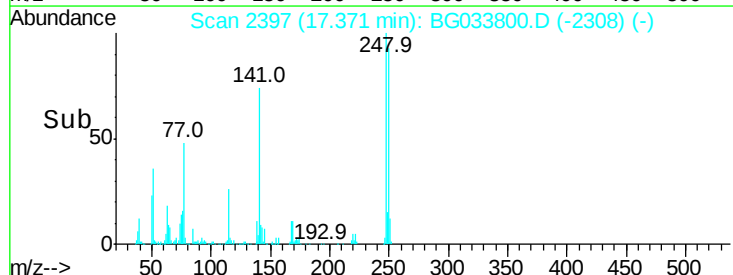
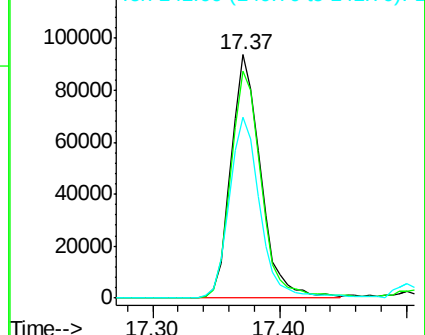
141 74.4 50.8 76.2

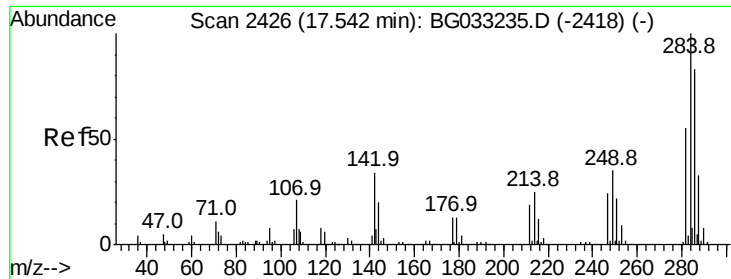


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 42.116 ng

RT: 17.50 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BG033800.D

Acq: 13 Apr 2018 17:27

Instrument :

BNA_G

ClientSampleId :

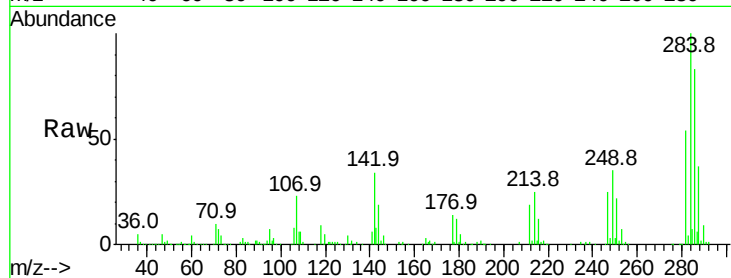
Tot Ion:284 Resp: 155857

Ion Ratio Lower Upper

284 100

142 33.8 26.8 40.2

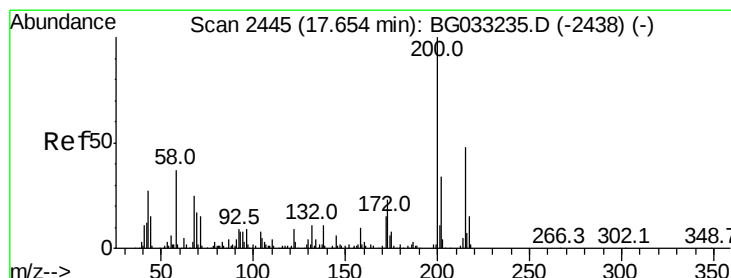
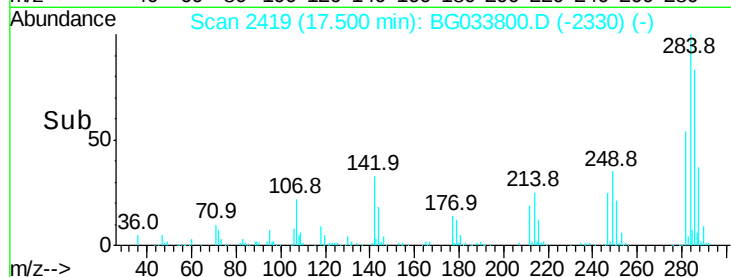
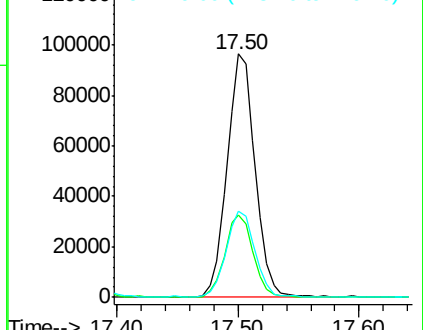
249 35.2 26.3 39.5



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 32.990 ng

RT: 17.62 min Scan# 2439

Delta R.T. 0.01 min

Lab File: BG033800.D

Acq: 13 Apr 2018 17:27

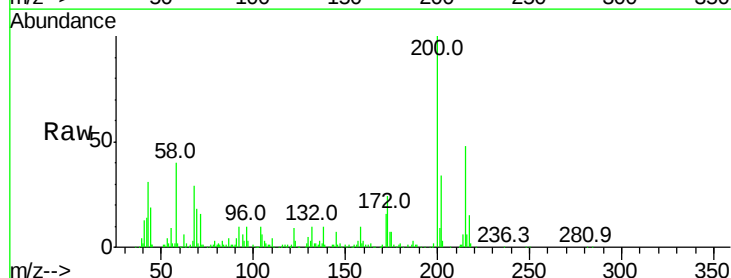
Tgt Ion:200 Resp: 113951

Ion Ratio Lower Upper

200 100

173 24.3 5.2 45.2

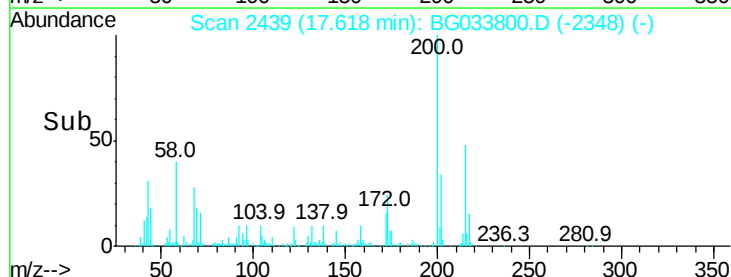
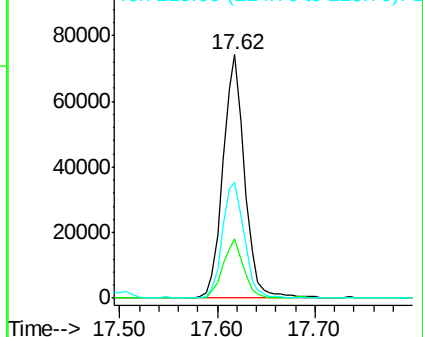
215 47.6 30.4 70.4

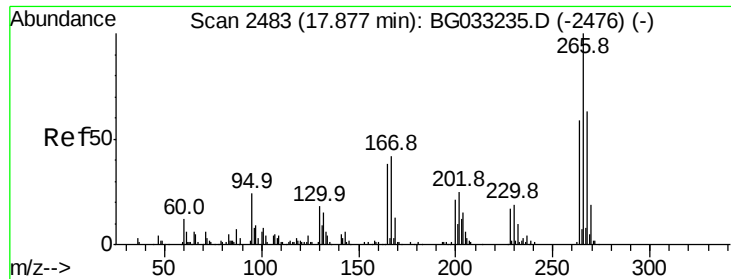


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

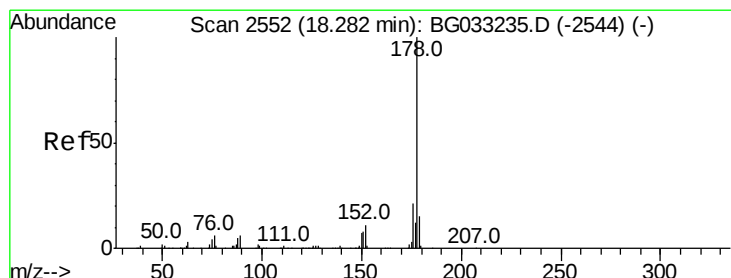
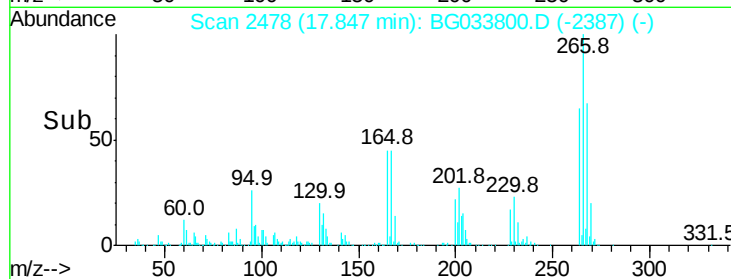
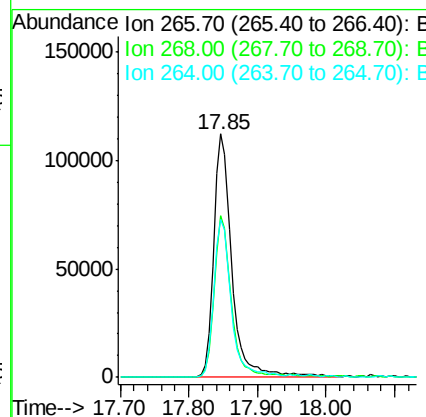
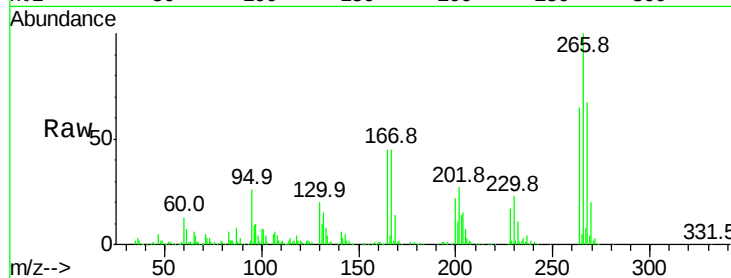




#69
 Pentachlorophenol
 Concen: 81.347 ng
 RT: 17.85 min Scan# 2478
 Delta R.T. 0.01 min
 Lab File: BG033800.D
 Acq: 13 Apr 2018 17:27

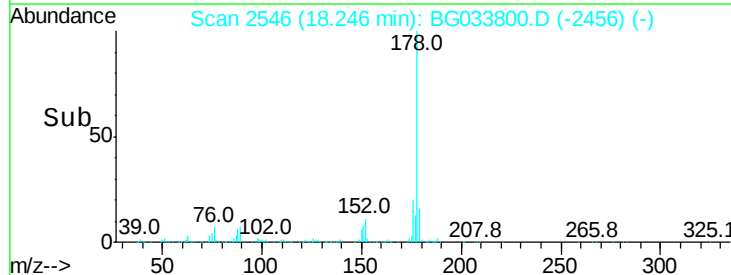
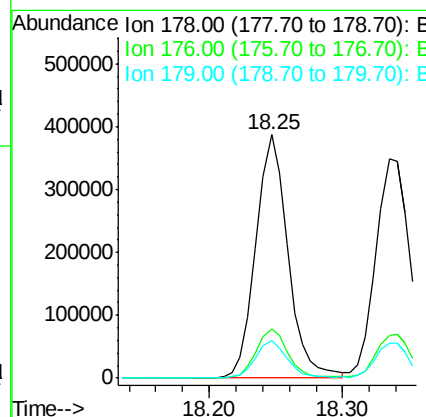
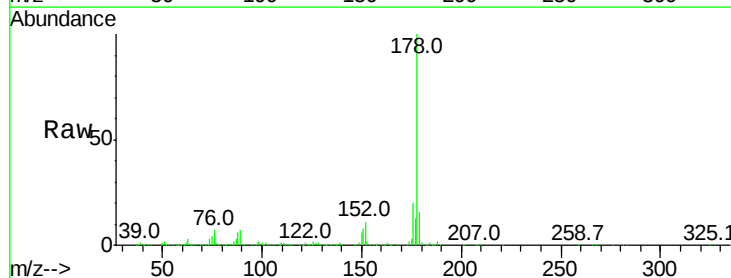
Instrument :
 BNA_G
 ClientSampleId :

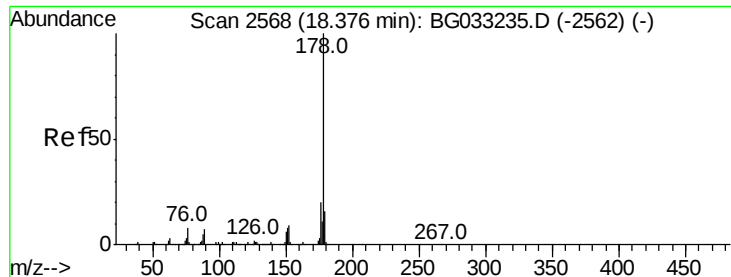
Tot Ion	Ratio	Lower	Upper
266	100		
268	66.6	51.1	76.7
264	65.0	49.6	74.4



#70
 Phenanthrene
 Concen: 41.473 ng
 RT: 18.25 min Scan# 2546
 Delta R.T. 0.00 min
 Lab File: BG033800.D
 Acq: 13 Apr 2018 17:27

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.7	23.5
179	15.5	12.5	18.7





#71

Anthracene

Concen: 40.796 ng

RT: 18.33 min Scan# 2561

Delta R.T. -0.01 min

Lab File: BG033800.D

Acq: 13 Apr 2018 17:27

Instrument :

BNA_G

ClientSampleId :

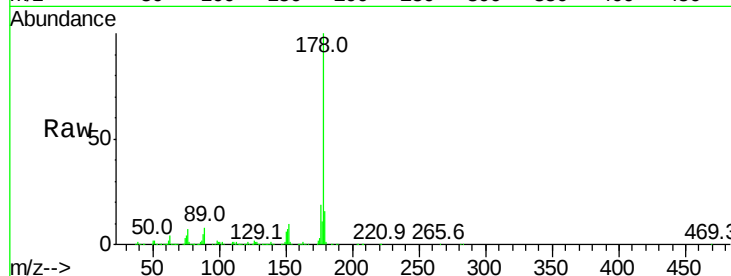
Tot Ion:178 Resp: 642316

Ion Ratio Lower Upper

178 100

176 19.3 16.0 24.0

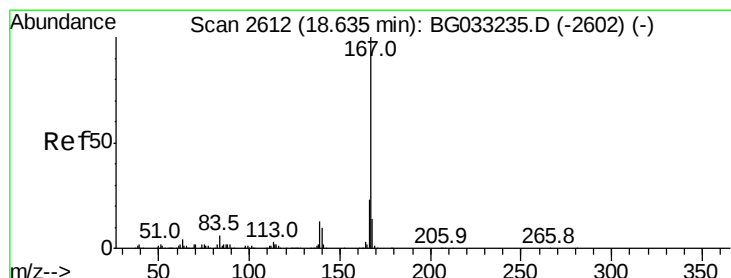
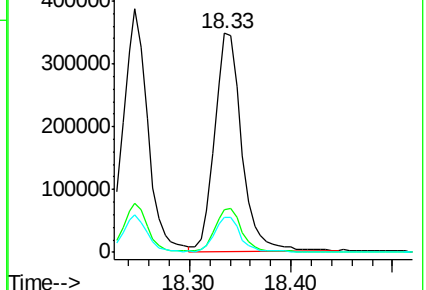
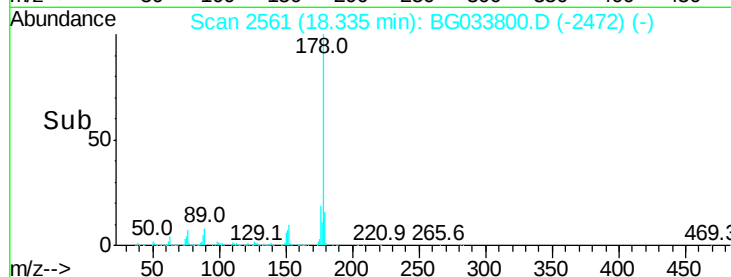
179 16.1 12.5 18.7



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



#72

Carbazole

Concen: 45.597 ng

RT: 18.60 min Scan# 2607

Delta R.T. 0.01 min

Lab File: BG033800.D

Acq: 13 Apr 2018 17:27

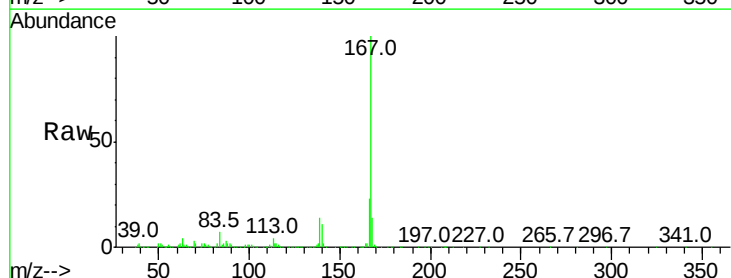
Tgt Ion:167 Resp: 636171

Ion Ratio Lower Upper

167 100

166 23.3 18.2 27.4

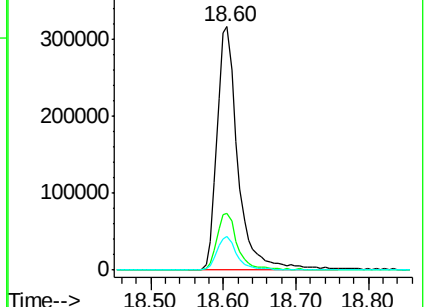
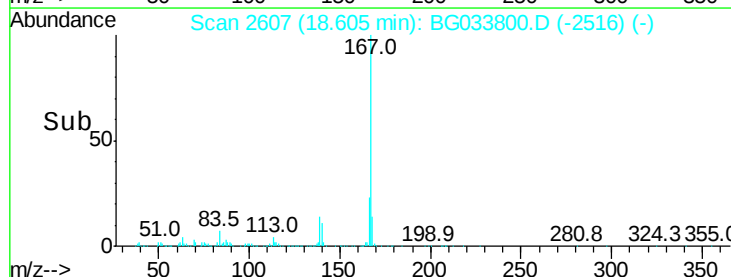
139 13.8 9.4 14.2

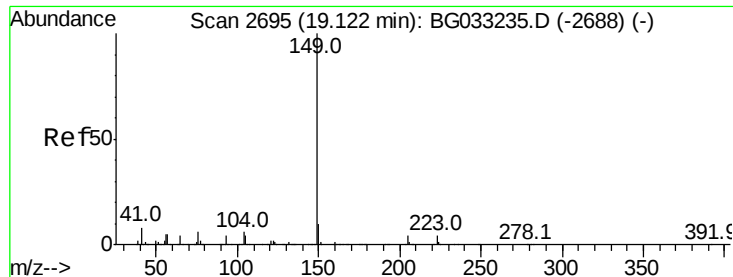


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

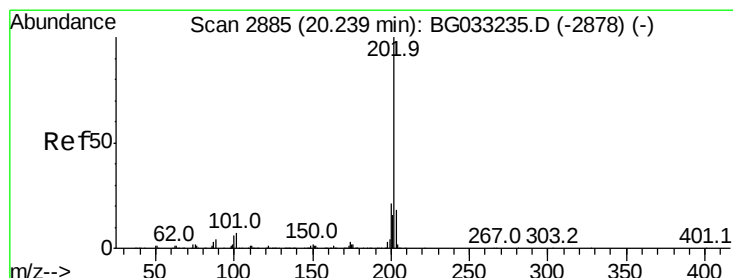
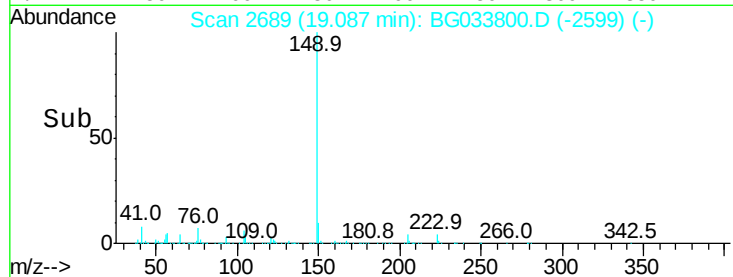
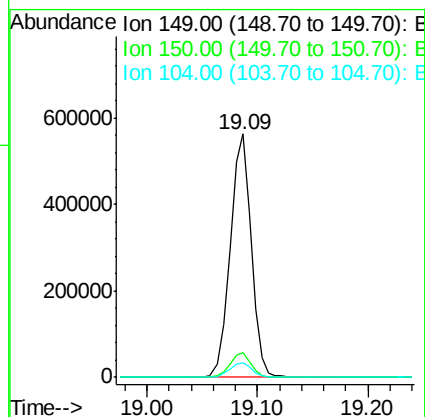
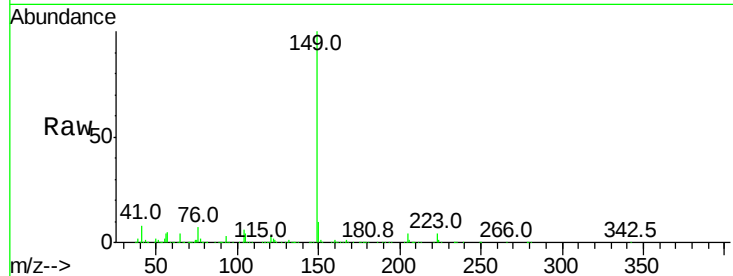




#73
Di-n-butylphthalate
Concen: 46.258 ng
RT: 19.09 min Scan# 2689
Delta R.T. 0.00 min
Lab File: BG033800.D
Acq: 13 Apr 2018 17:27

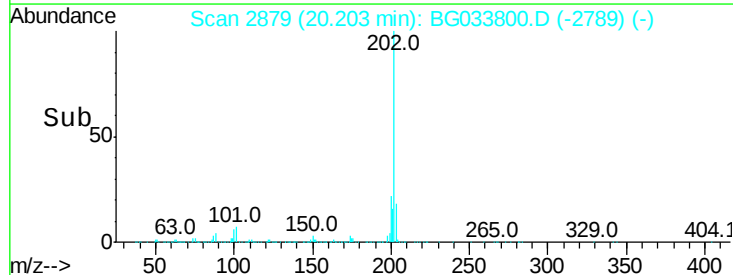
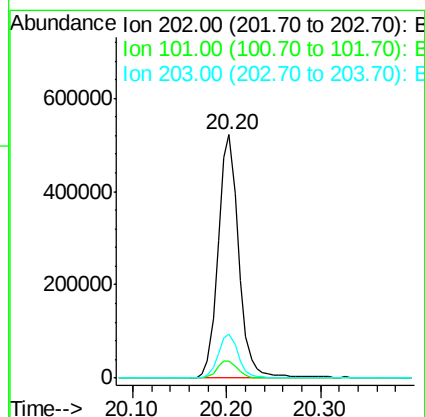
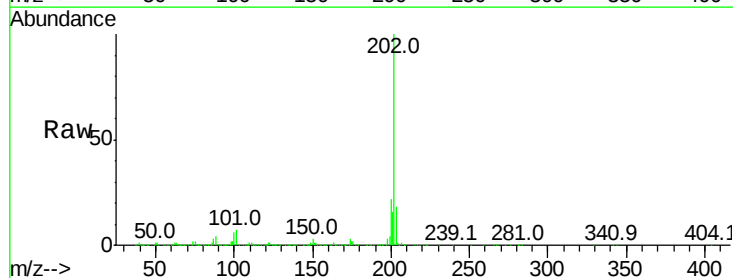
Instrument :
BNA_G
ClientSampleId :

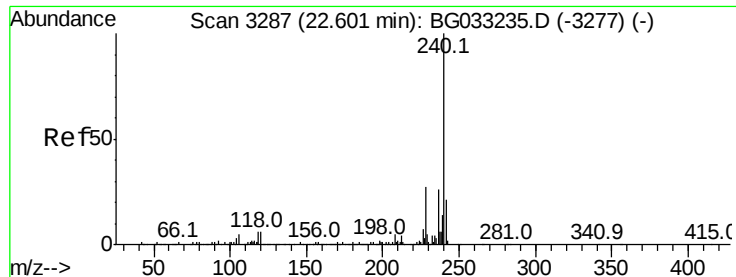
Tot Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.8	11.6
104	6.2	3.9	5.9



#74
Fluoranthene
Concen: 41.669 ng
RT: 20.20 min Scan# 2879
Delta R.T. 0.00 min
Lab File: BG033800.D
Acq: 13 Apr 2018 17:27

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.8	0.0	28.9
203	18.1	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.55 min Scan# 3279

Delta R.T. 0.00 min

Lab File: BG033800.D

Acq: 13 Apr 2018 17:27

Instrument :

BNA_G

ClientSampleId :

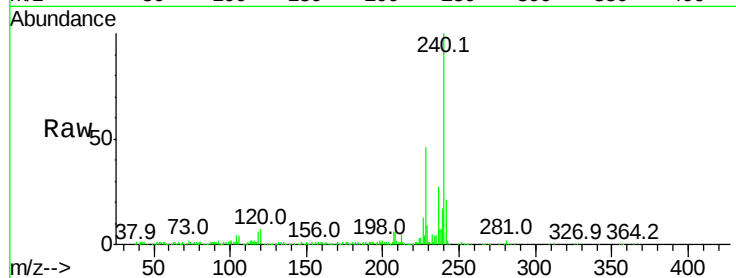
Tot Ion:240 Resp: 305904

Ion Ratio Lower Upper

240 100

120 7.3 6.8 10.2

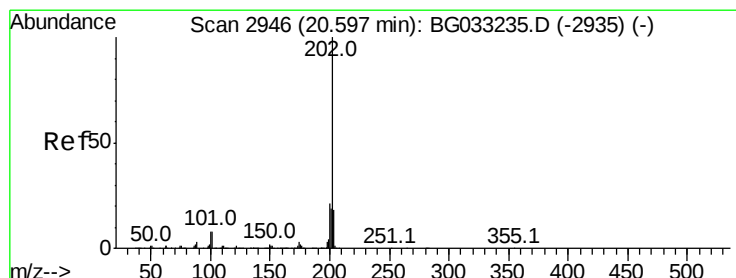
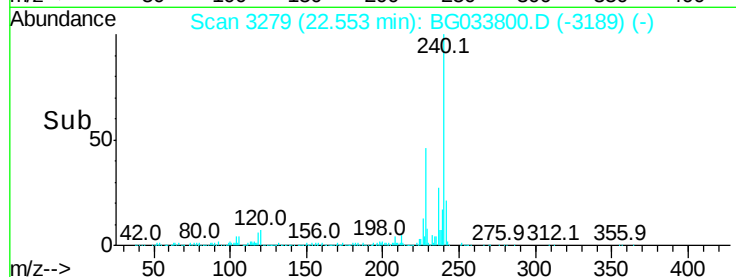
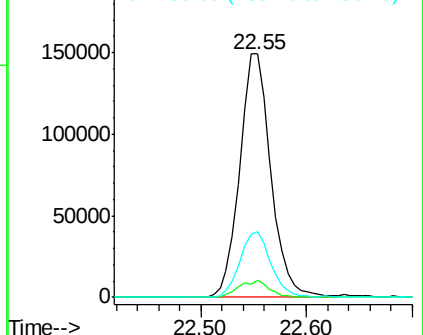
236 27.0 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 40.729 ng

RT: 20.56 min Scan# 2940

Delta R.T. 0.00 min

Lab File: BG033800.D

Acq: 13 Apr 2018 17:27

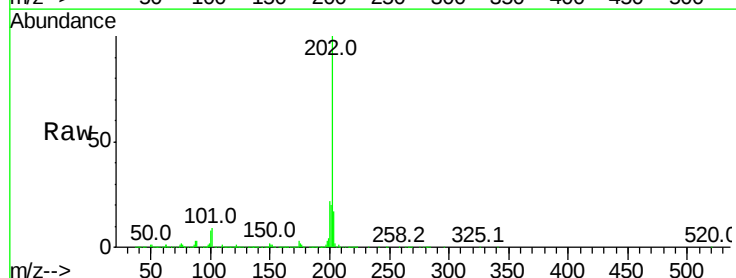
Tgt Ion:202 Resp: 830962

Ion Ratio Lower Upper

202 100

200 21.7 16.9 25.3

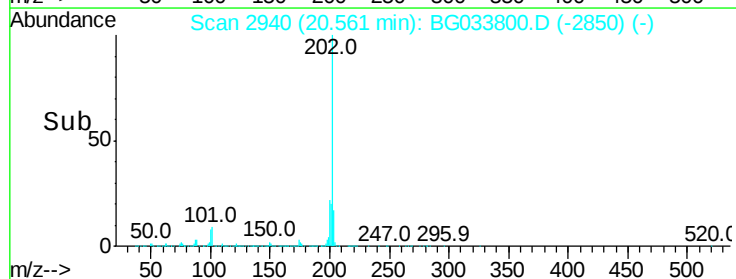
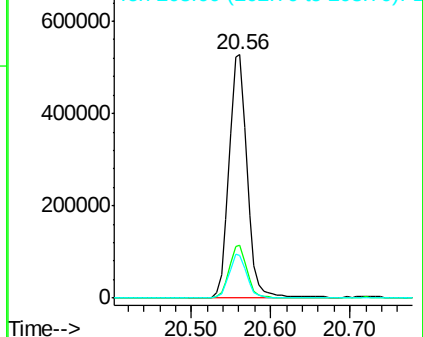
203 17.4 13.9 20.9

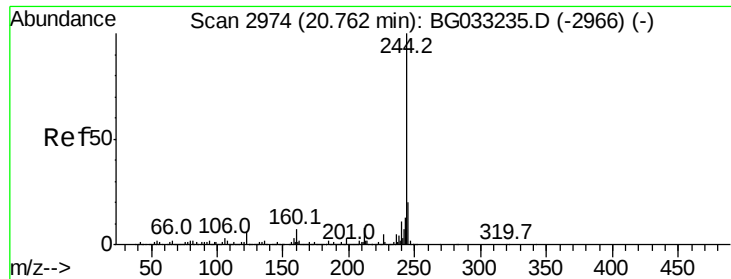


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 89.303 ng

RT: 20.72 min Scan# 2967

Delta R.T. -0.01 min

Lab File: BG033800.D

Acq: 13 Apr 2018 17:27

Instrument :

BNA_G

ClientSampleId :

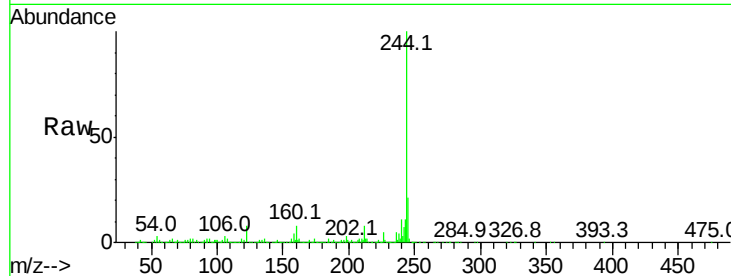
Tot Ion:244 Resp: 1277383

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.8

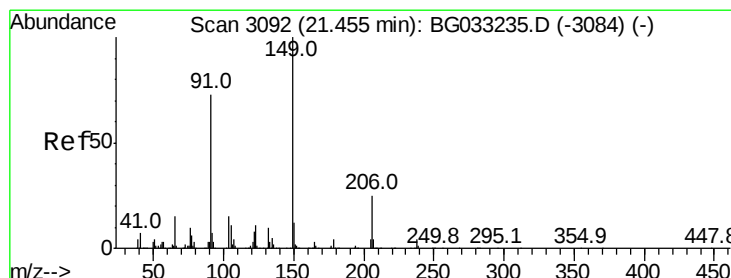
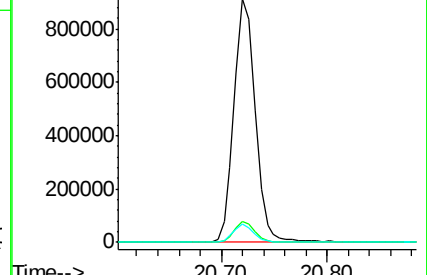
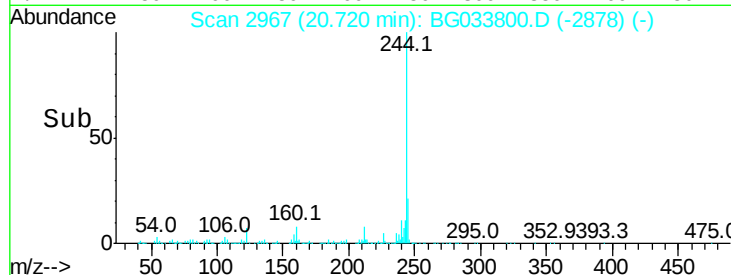
122 7.7 7.0 10.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 44.680 ng

RT: 21.41 min Scan# 3084

Delta R.T. -0.01 min

Lab File: BG033800.D

Acq: 13 Apr 2018 17:27

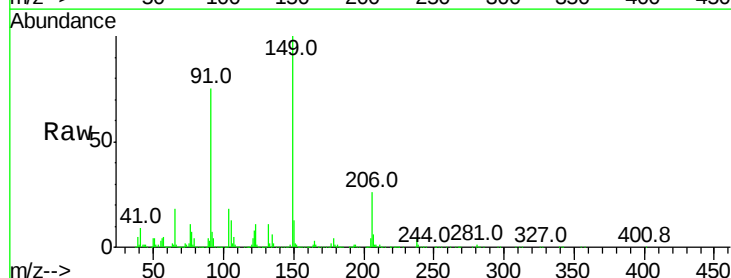
Tgt Ion:149 Resp: 336383

Ion Ratio Lower Upper

149 100

91 75.0 62.2 93.2

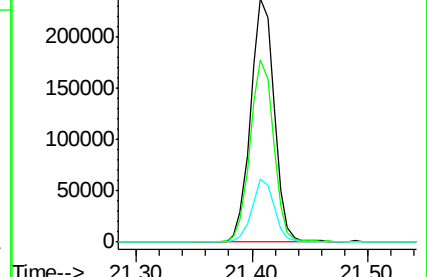
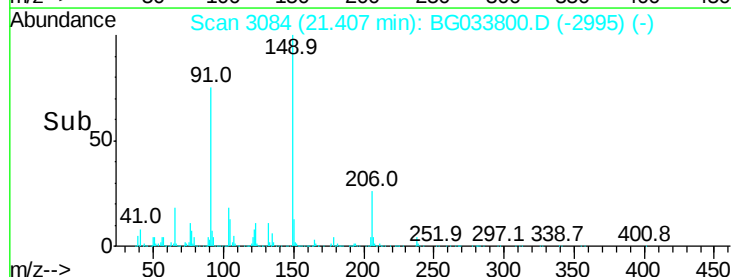
206 25.7 18.6 27.8

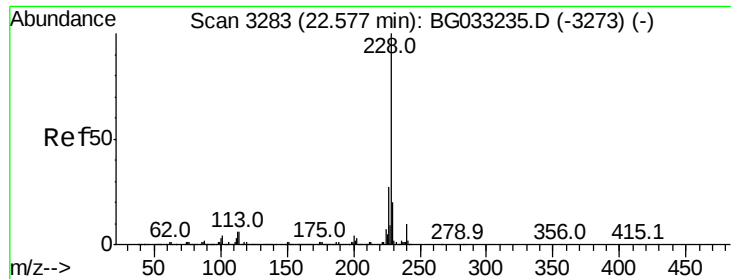


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E

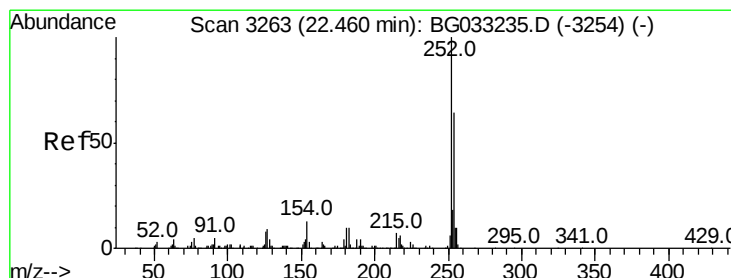
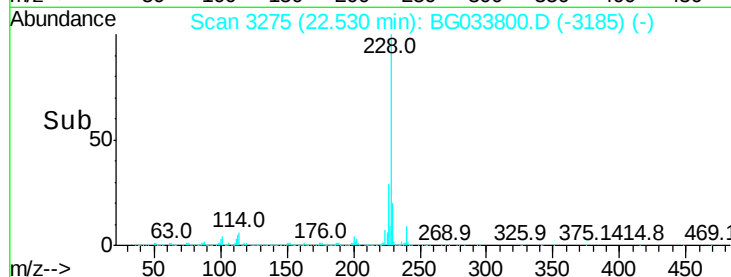
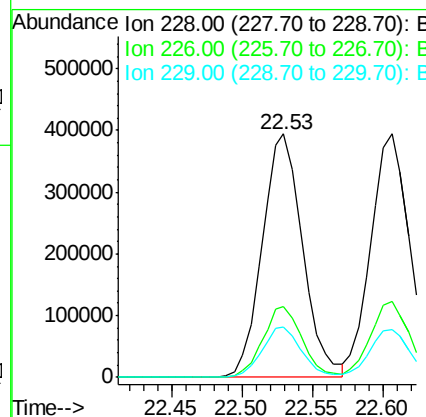
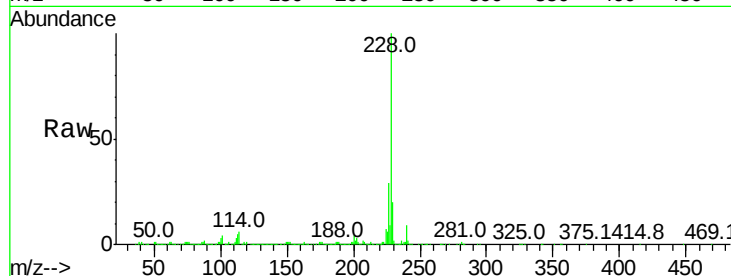




#80
Benzo(a)anthracene
Concen: 40.561 ng
RT: 22.53 min Scan# 3275
Delta R.T. 0.00 min
Lab File: BG033800.D
Acq: 13 Apr 2018 17:27

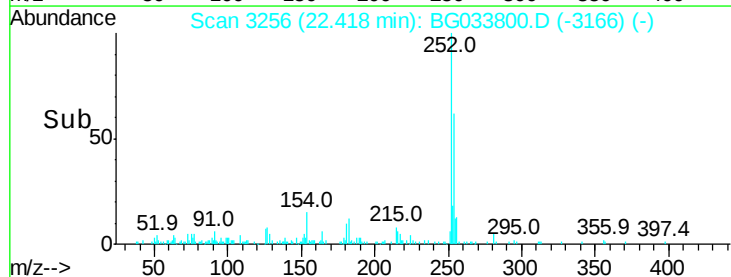
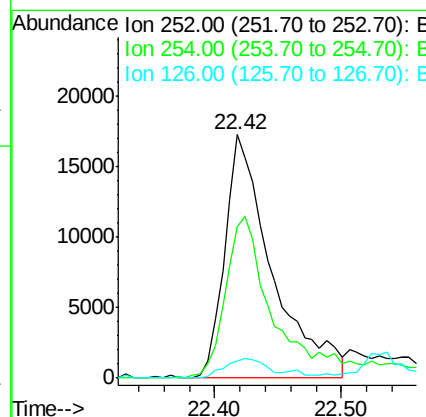
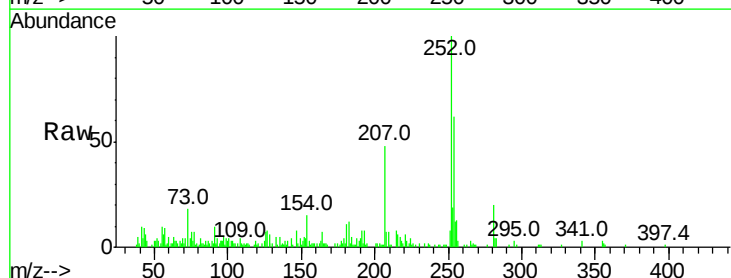
Instrument :
BNA_G
ClientSampleId :

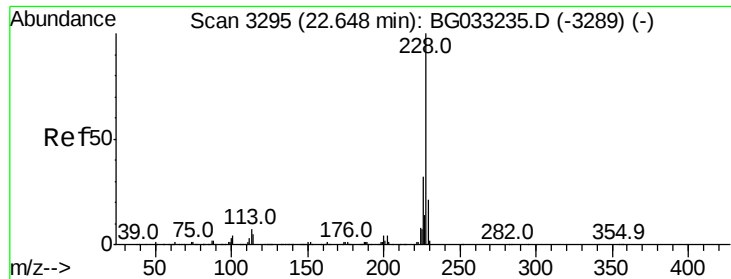
Tot Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.7	34.1
229	20.5	16.2	24.2



#81
3,3'-Dichlorobenzidine
Concen: 6.435 ng
RT: 22.42 min Scan# 3256
Delta R.T. 0.00 min
Lab File: BG033800.D
Acq: 13 Apr 2018 17:27

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.3	50.8	76.2
126	6.8	7.4	11.2





#82

Chrysene

Concen: 41.246 ng

RT: 22.61 min Scan# 3288

Delta R.T. 0.00 min

Lab File: BG033800.D

Acq: 13 Apr 2018 17:27

Instrument :

BNA_G

ClientSampleId :

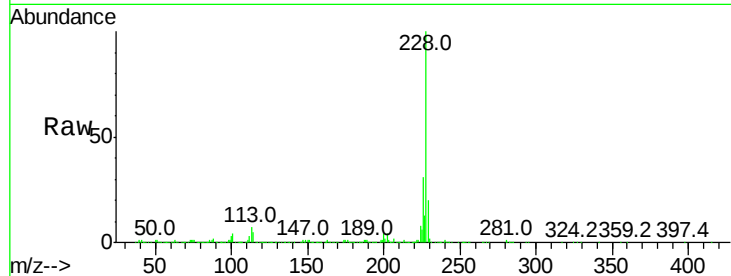
Tot Ion:228 Resp: 777712

Ion Ratio Lower Upper

228 100

226 31.4 24.9 37.3

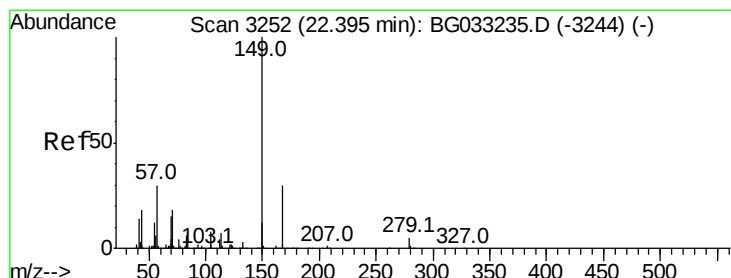
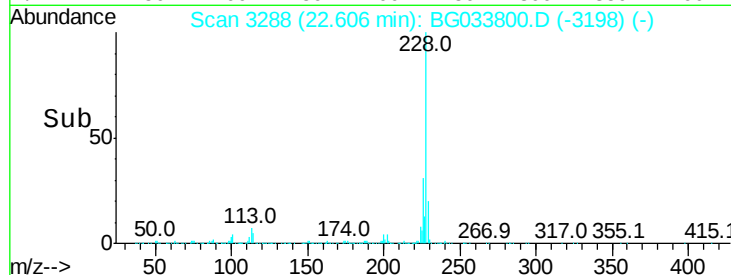
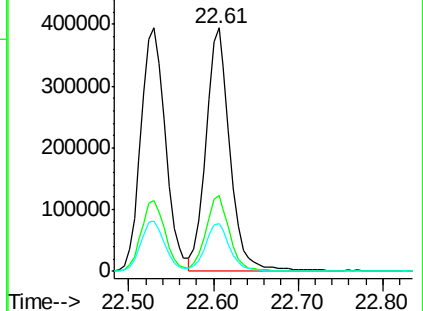
229 19.5 15.0 22.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 45.823 ng

RT: 22.34 min Scan# 3243

Delta R.T. -0.01 min

Lab File: BG033800.D

Acq: 13 Apr 2018 17:27

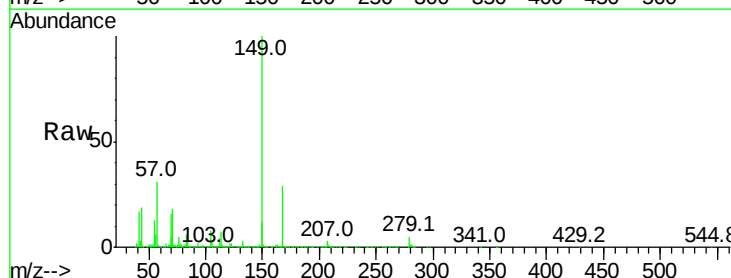
Tgt Ion:149 Resp: 475578

Ion Ratio Lower Upper

149 100

167 29.2 24.3 36.5

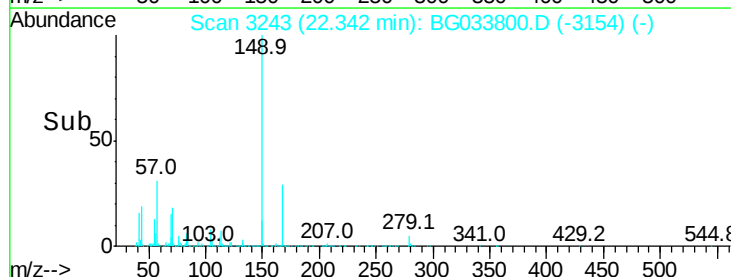
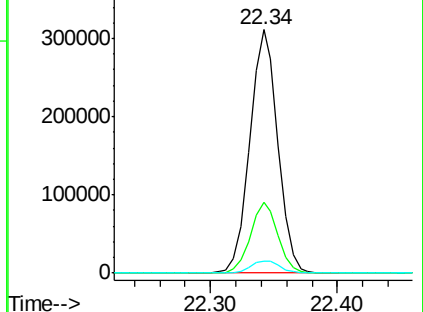
279 5.1 4.0 6.0

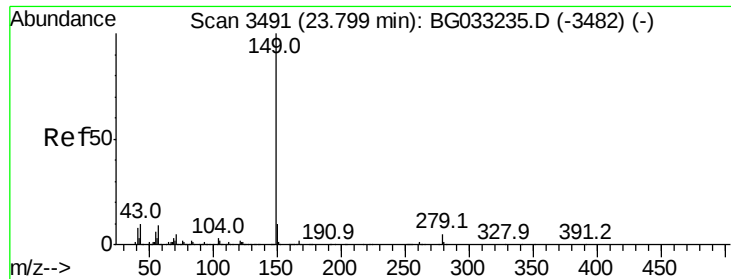


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 50.380 ng

RT: 23.73 min Scan# 3480

Delta R.T. -0.01 min

Lab File: BG033800.D

Acq: 13 Apr 2018 17:27

Instrument :

BNA_G

ClientSampleId :

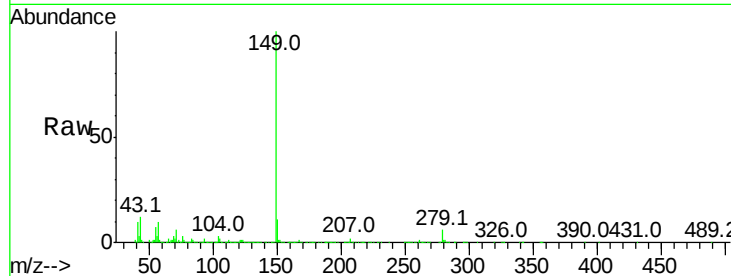
Tot Ion:149 Resp: 800567

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

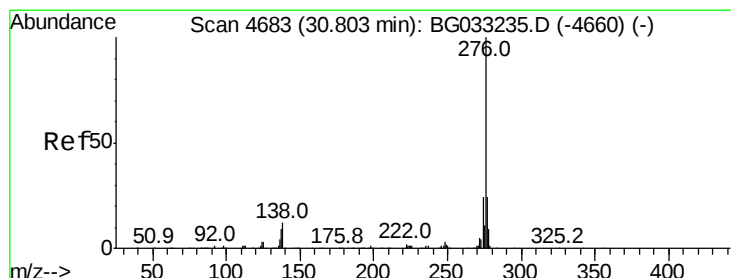
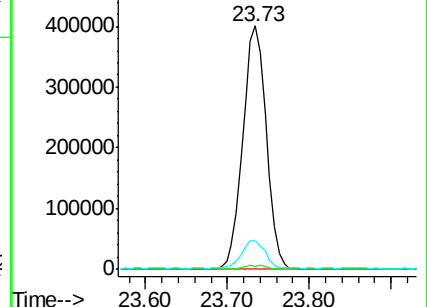
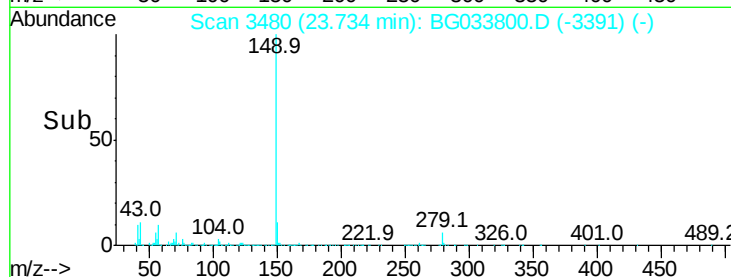
43 11.4 8.9 13.3



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): BGC



#85

Indeno(1,2,3-cd)pyrene

Concen: 42.369 ng

RT: 30.68 min Scan# 4663

Delta R.T. 0.01 min

Lab File: BG033800.D

Acq: 13 Apr 2018 17:27

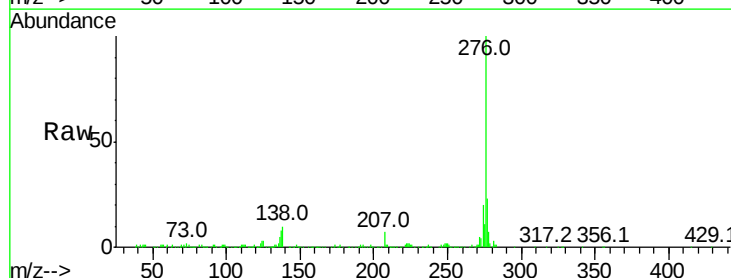
Tgt Ion:276 Resp: 863751

Ion Ratio Lower Upper

276 100

138 0.0 16.0 24.0#

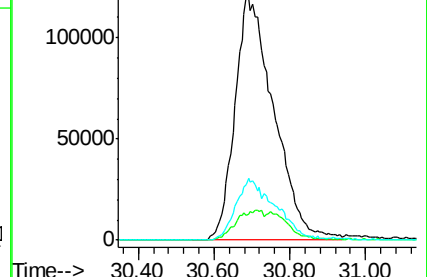
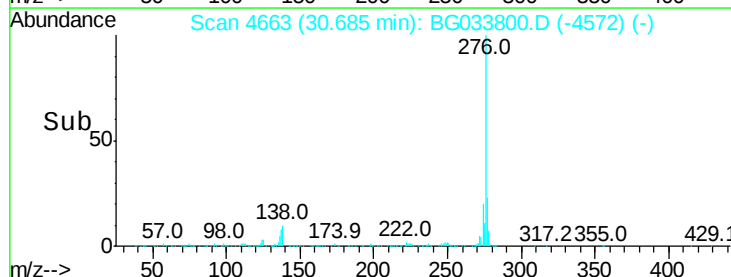
277 25.1 20.0 30.0

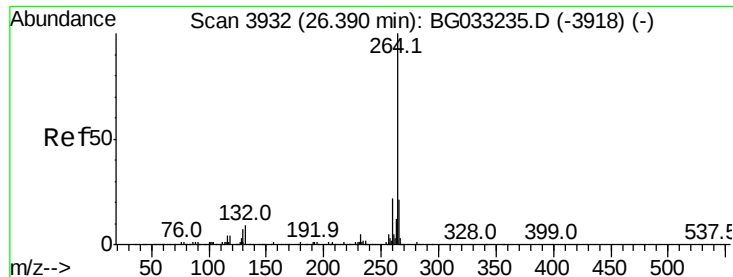


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#86

Pervlene-d12

Concen: 20.000 ng

RT: 26.32 min Scan# 3920

Delta R.T. 0.01 min

Lab File: BG033800.D

Acq: 13 Apr 2018 17:27

Instrument :

BNA_G

ClientSampleId :

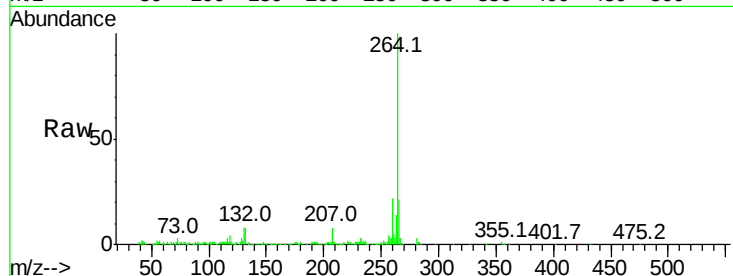
Tot Ion:264 Resp: 323440

Ion	Ratio	Lower	Upper
264	100		
260	21.7	17.4	26.0
265	20.6	17.7	26.5

264 100

260 21.7 17.4 26.0

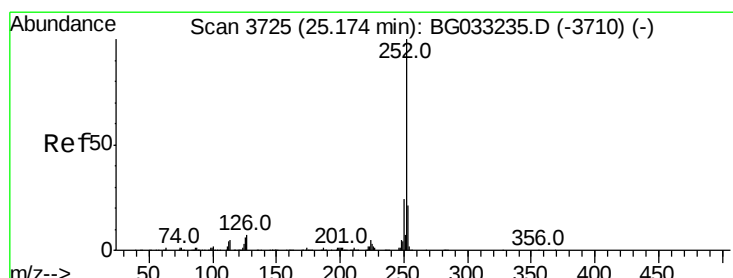
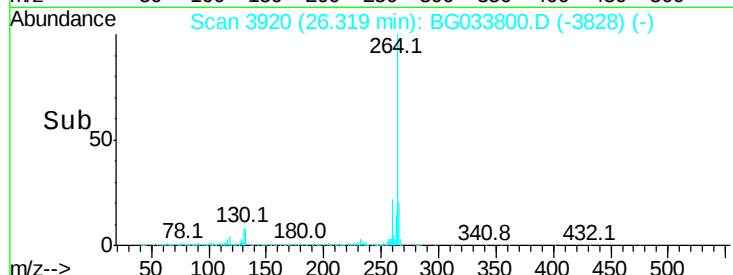
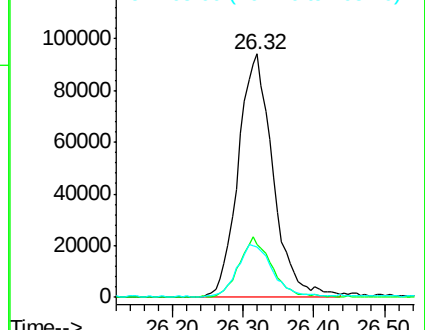
265 20.6 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87

Benzo(b)fluoranthene

Concen: 40.363 ng

RT: 25.10 min Scan# 3713

Delta R.T. 0.01 min

Lab File: BG033800.D

Acq: 13 Apr 2018 17:27

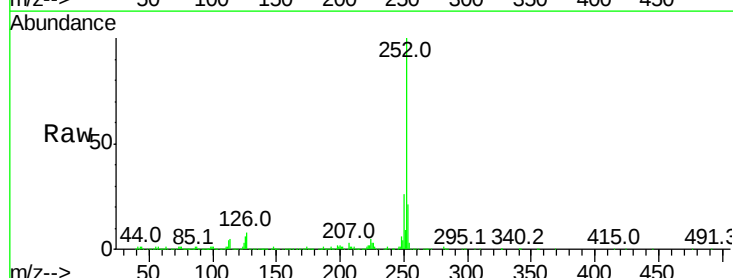
Tgt Ion:252 Resp: 754257

Ion	Ratio	Lower	Upper
252	100		
253	20.9	18.2	27.4
125	5.7	7.2	10.8

252 100

253 20.9 18.2 27.4

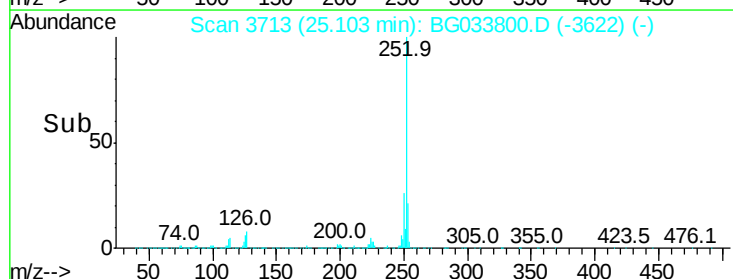
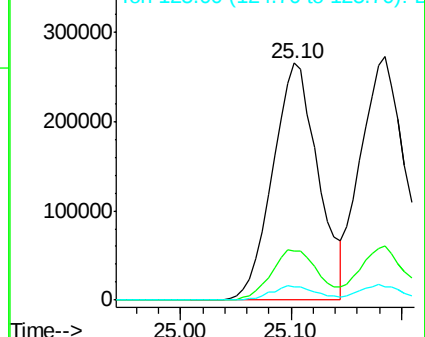
125 5.7 7.2 10.8

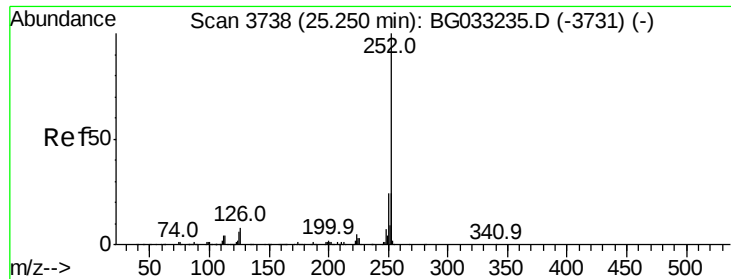


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

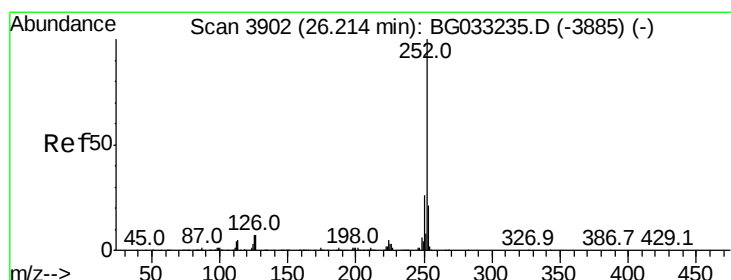
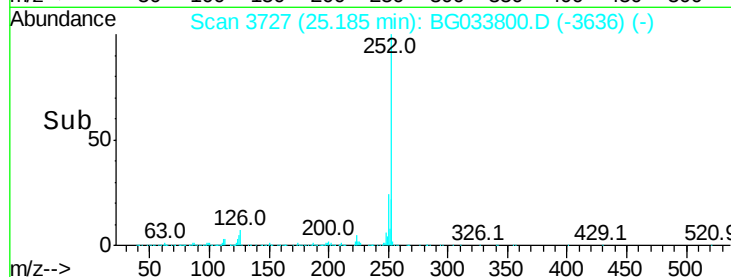
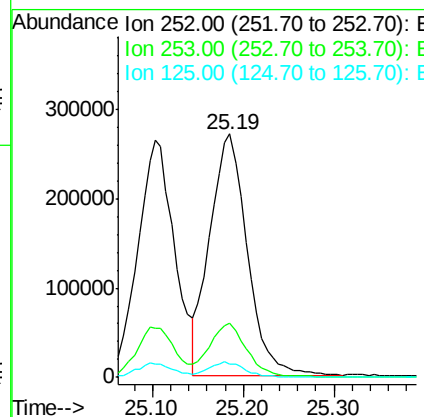
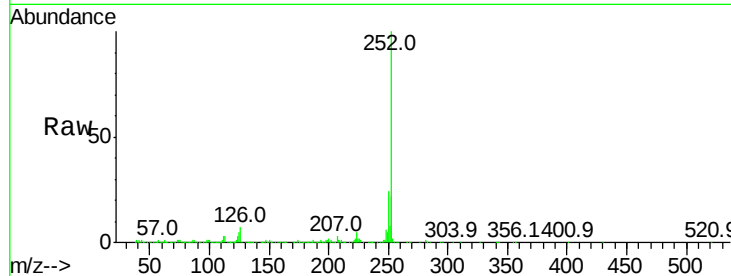




#88
Benzo(k)fluoranthene
Concen: 41.339 ng
RT: 25.19 min Scan# 3727
Delta R.T. 0.01 min
Lab File: BG033800.D
Acq: 13 Apr 2018 17:27

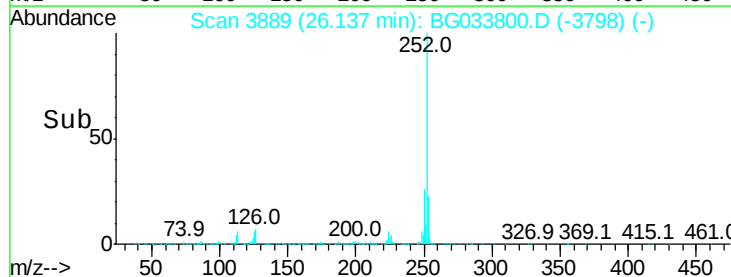
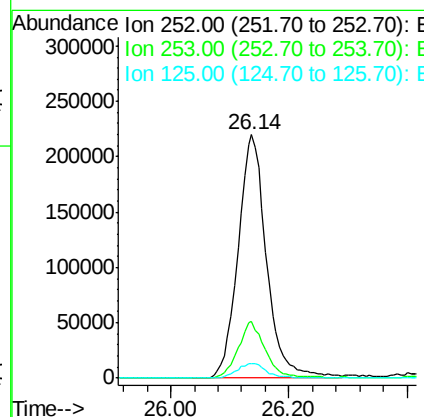
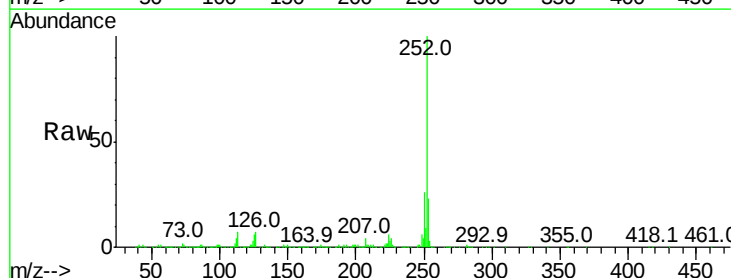
Instrument :
BNA_G
ClientSampleId :

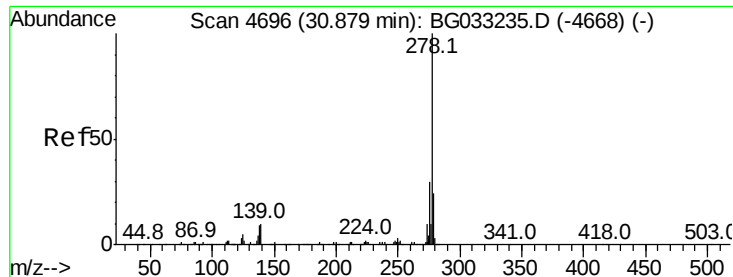
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.2
125	5.5	6.6	9.8#



#89
Benzo(a)pyrene
Concen: 40.988 ng
RT: 26.14 min Scan# 3889
Delta R.T. 0.01 min
Lab File: BG033800.D
Acq: 13 Apr 2018 17:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.3	27.5
125	6.1	7.3	10.9#





#90

Dibenzo(a,h)anthracene

Concen: 42.617 ng

RT: 30.77 min Scan# 4678

Delta R.T. 0.02 min

Lab File: BG033800.D

Acq: 13 Apr 2018 17:27

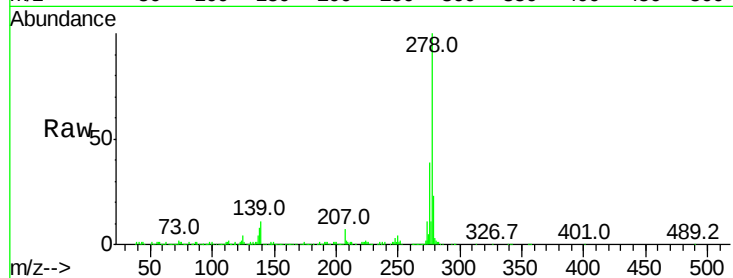
Instrument :

BNA_G

ClientSampleId :

Tot Ion:278 Resp: 720384

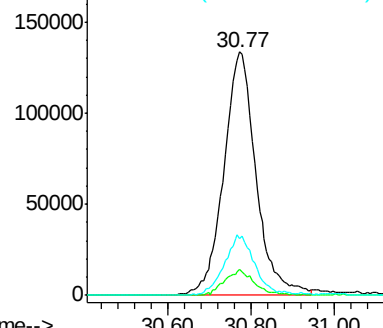
Ion	Ratio	Lower	Upper
278	100		
139	10.5	9.8	14.6
279	23.3	18.4	27.6



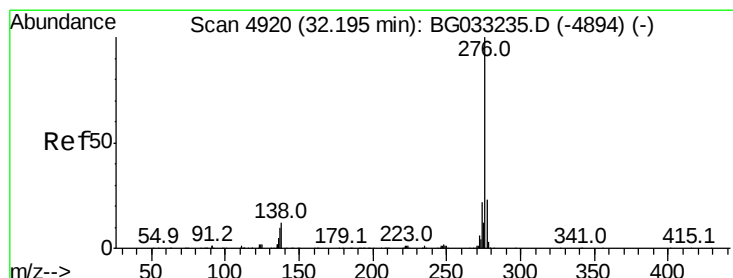
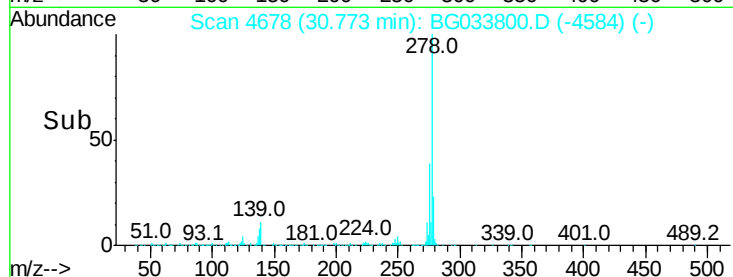
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#91

Benzo(g,h,i)perylene

Concen: 40.803 ng

RT: 32.08 min Scan# 4900

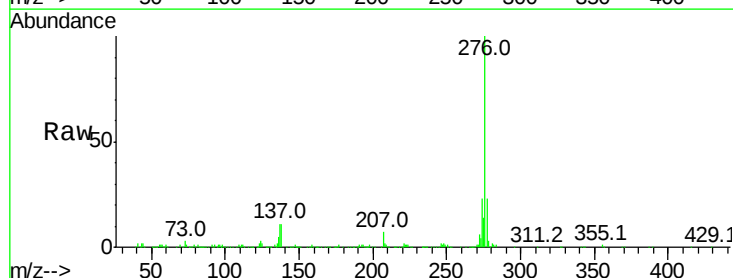
Delta R.T. 0.02 min

Lab File: BG033800.D

Acq: 13 Apr 2018 17:27

Tgt Ion:276 Resp: 682995

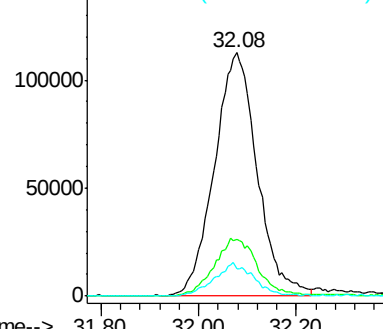
Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.3	27.5
138	11.2	13.9	20.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E



Time-->

