

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032818\
 Data File : BG033420.D
 Acq On : 29 Mar 2018 14:13
 Operator : SJ/JU
 Sample : J1754-14MSD
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 29 14:57:22 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 18:34:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	45635	20.00	ng	-0.01
21) Naphthalene-d8	11.75	136	190373	20.00	ng	0.00
38) Acenaphthene-d10	15.49	164	141936	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	342272	20.00	ng	0.00
75) Chrysene-d12	22.56	240	357231	20.00	ng	0.00
86) Perylene-d12	26.33	264	380624	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.30	112	366130	150.44	ng	0.01
7) Phenol-d6	7.99	99	537965	128.65	ng	0.01
23) Nitrobenzene-d5	10.07	82	397576	95.95	ng	0.00
41) 2,4,6-Tribromophenol	16.96	330	293713	138.36	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	931992	94.79	ng	0.00
78) Terphenyl-d14	20.73	244	1588452	95.09	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.95	88	47432	38.378	ng	# 86
3) Pyridine	4.41	79	122071	35.729	ng	93
4) n-Nitrosodimethylamine	4.31	42	65632	46.810	ng	# 89
6) Aniline	8.17	93	39008	7.932	ng	99
8) 2-Chlorophenol	8.42	128	140495	50.497	ng	98
9) Benzaldehyde	7.97	77	69939	26.318	ng	87
10) Phenol	8.02	94	181175	43.883	ng	91
11) bis(2-Chloroethyl)ether	8.25	93	138783	41.184	ng	93
12) 1,3-Dichlorobenzene	8.90	146	152698	41.979	ng	96
13) 1,4-Dichlorobenzene	8.90	146	152698	41.917	ng	97
14) 1,2-Dichlorobenzene	9.24	146	151882	42.718	ng	97
15) Benzyl Alcohol	9.11	79	163194	49.568	ng	91
16) 2,2'-oxybis(1-Chloropropan	9.39	45	232592	42.339	ng	85
17) 2-Methylphenol	9.31	107	128952	45.850	ng	# 87
18) Hexachloroethane	9.99	117	61085	43.446	ng	89
19) n-Nitroso-di-n-propylamine	9.68	70	133402	43.537	ng	94
20) 3+4-Methylphenols	9.65	107	185497	46.323	ng	90
22) Acetophenone	9.71	105	238506	45.730	ng	# 99
24) Nitrobenzene	10.11	77	198808	44.826	ng	95
25) Isophorone	10.63	82	377374	46.925	ng	97
26) 2-Nitrophenol	10.84	139	83575	49.773	ng	# 90
27) 2,4-Dimethylphenol	10.87	122	145958	59.837	ng	94
28) bis(2-Chloroethoxy)methane	11.11	93	195231	48.655	ng	94
29) 2,4-Dichlorophenol	11.39	162	163192	54.401	ng	97
30) 1,2,4-Trichlorobenzene	11.60	180	168570	43.251	ng	98
31) Naphthalene	11.80	128	453035	45.923	ng	98
32) Benzoic acid	10.99	122	6388	2.817	ng	# 77
33) 4-Chloroaniline	11.91	127	17832	4.035	ng	94
34) Hexachlorobutadiene	12.06	225	127960	43.415	ng	95
35) Caprolactam	12.65	113	44720	38.052	ng	94
36) 4-Chloro-3-methylphenol	12.97	107	202307	51.707	ng	94
37) 2-Methylnaphthalene	13.35	142	341903	44.652	ng	90
39) 1,2,4,5-Tetrachlorobenzene	13.71	216	231552	45.038	ng	99
40) Hexachlorocyclopentadiene	13.68	237	236302	78.403	ng	94

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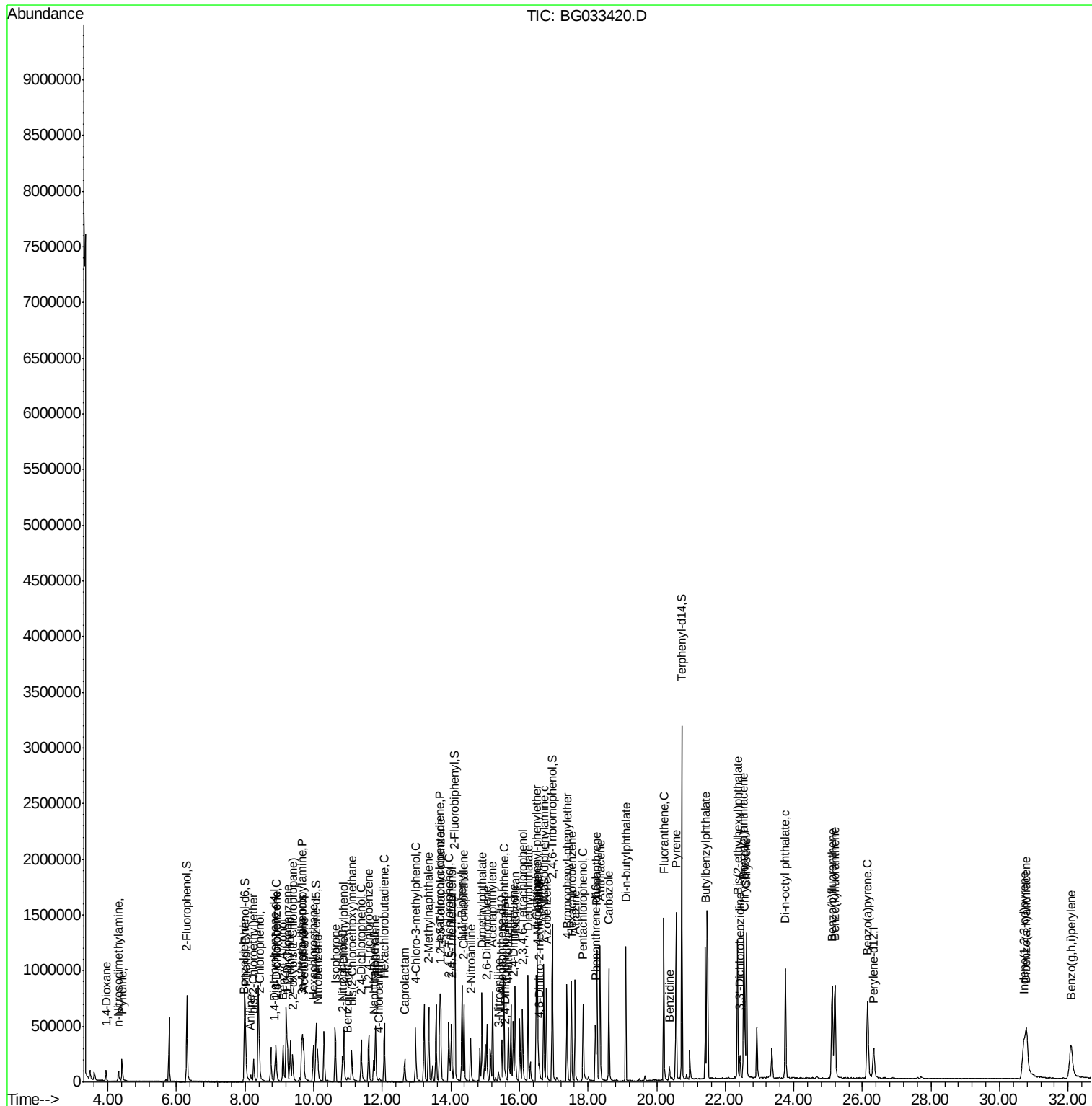
Quant Time: Mar 29 14:57:22 2018
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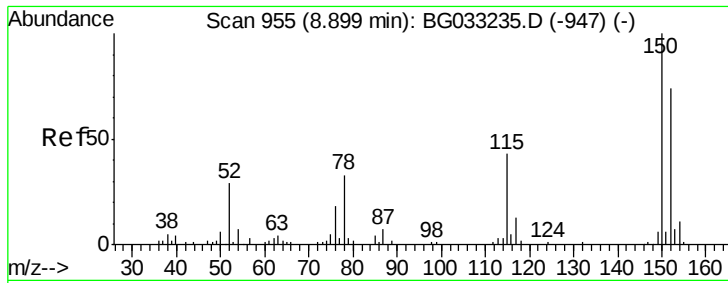
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.94	196	154980	51.883	nq	96
43) 2,4,5-Trichlorophenol	14.02	196	175519	49.711	nq	98
45) 1,1'-Biphenyl	14.32	154	490373	44.969	nq	97
46) 2-Chloronaphthalene	14.38	162	376329	44.758	nq	97
47) 2-Nitroaniline	14.58	65	151686	48.166	nq	96
48) Acenaphthylene	15.22	152	606993	43.250	nq	98
49) Dimethylphthalate	14.91	163	553216	44.787	nq	100
50) 2,6-Dinitrotoluene	15.05	165	121613	48.150	nq	98
51) Acenaphthene	15.55	154	382755	42.306	nq	97
52) 3-Nitroaniline	15.39	138	25520	9.638	nq	# 76
53) 2,4-Dinitrophenol	15.58	184	19876	21.387	nq	91
54) Dibenzofuran	15.87	168	615027	46.021	nq	91
55) 4-Nitrophenol	15.68	139	140957	75.703	nq	90
56) 2,4-Dinitrotoluene	15.82	165	167613	45.071	nq	# 95
57) Fluorene	16.52	166	513463	45.100	nq	100
58) 2,3,4,6-Tetrachlorophenol	16.09	232	161615	48.622	nq	98
59) Diethylphthalate	16.25	149	539999	45.021	nq	97
60) 4-Chlorophenyl-phenylether	16.49	204	293538	44.852	nq	99
61) 4-Nitroaniline	16.54	138	93610	34.910	nq	# 84
62) Azobenzene	16.79	77	526942	45.352	nq	99
64) 4,6-Dinitro-2-methylphenol	16.58	198	38212	18.662	nq	95
65) n-Nitrosodiphenylamine	16.71	169	477462	48.863	nq	98
66) 4-Bromophenyl-phenylether	17.38	248	199315	49.585	nq	94
67) Hexachlorobenzene	17.51	284	201805	47.571	nq	98
68) Atrazine	17.63	200	187799	47.429	nq	99
69) Pentachlorophenol	17.85	266	157227	53.999	nq	97
70) Phenanthrene	18.26	178	832350	46.694	nq	98
71) Anthracene	18.35	178	869201	48.158	nq	99
72) Carbazole	18.61	167	718713	44.937	nq	97
73) Di-n-butylphthalate	19.10	149	869867	46.727	nq	# 98
74) Fluoranthene	20.21	202	1024119	46.427	nq	97
76) Benzidine	20.38	184	83366	8.605	nq	97
77) Pyrene	20.57	202	1026532	43.086	nq	98
79) Butylbenzylphthalate	21.42	149	397678	45.232	nq	97
80) Benzo(a)anthracene	22.54	228	1043670	45.882	nq	99
81) 3,3'-Dichlorobenzidine	22.43	252	95172	11.758	nq	99
82) Chrysene	22.62	228	996218	45.243	nq	98
83) Bis(2-ethylhexyl)phthalate	22.36	149	551962	45.542	nq	99
84) Di-n-octyl phthalate	23.75	149	960393	51.754	nq	98
85) Indeno(1,2,3-cd)pyrene	30.70	276	1128713	47.411	nq	# 62
87) Benzo(b)fluoranthene	25.12	252	1031664	46.914	nq	# 97
88) Benzo(k)fluoranthene	25.20	252	1060208	47.669	nq	# 96
89) Benzo(a)pyrene	26.15	252	1037358	49.122	nq	# 97
90) Dibenzo(a,h)anthracene	30.79	278	942523	47.381	nq	# 95
91) Benzo(g,h,i)perylene	32.08	276	873354	44.337	nq	# 92

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

```
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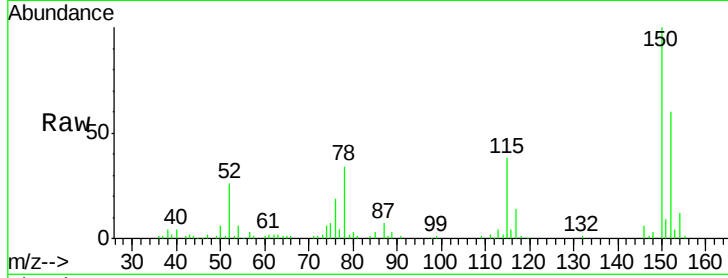


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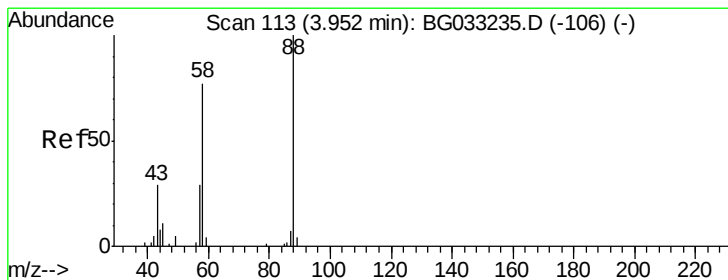
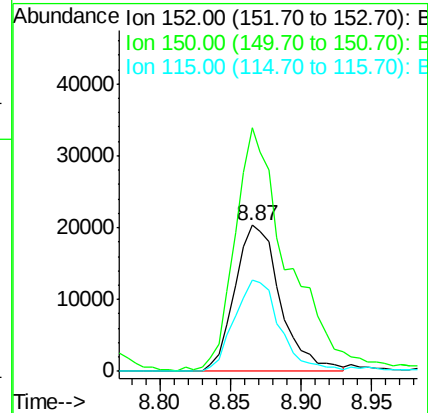
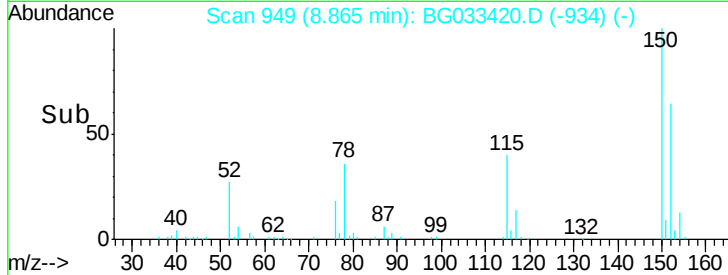
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 949
Delta R.T. -0.01 min
Lab File: BG033420.D
Acq: 29 Mar 2018 14:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 45635
Ion Ratio Lower Upper
152 100
150 166.4 126.6 189.8
115 62.8 53.0 79.4



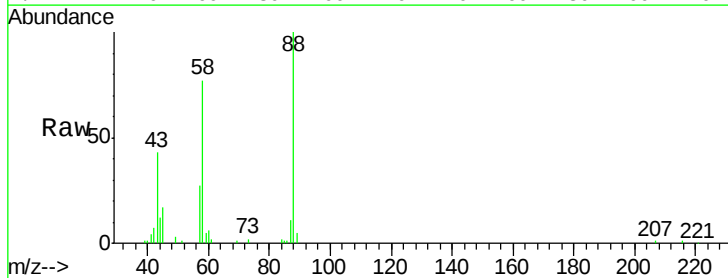
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



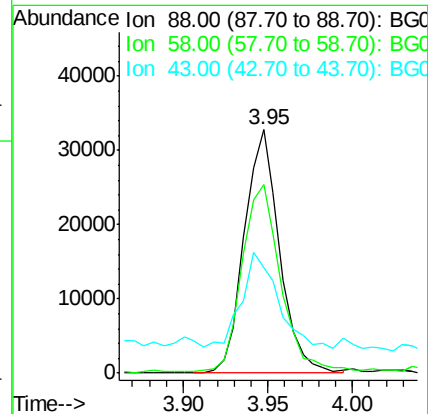
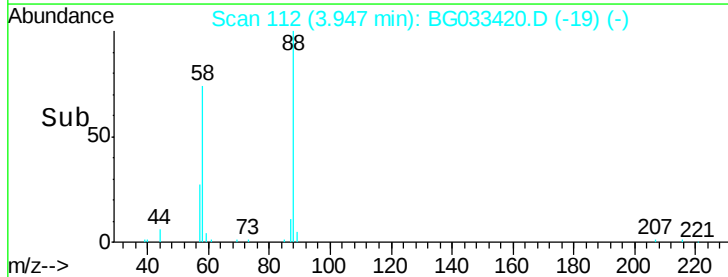
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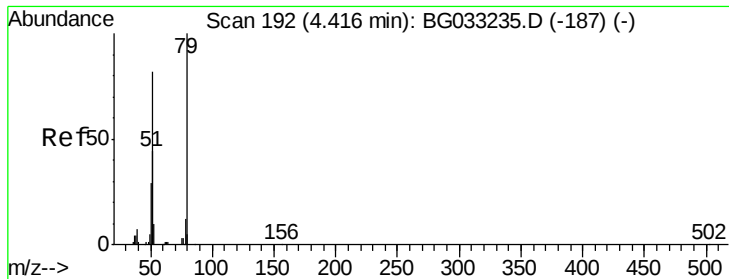
1,4-Dioxane
Concen: 38.378 ng
RT: 3.95 min Scan# 112
Delta R.T. 0.02 min
Lab File: BG033420.D
Acq: 29 Mar 2018 14:13

Tgt Ion: 88 Resp: 47432
Ion Ratio Lower Upper
88 100
58 84.5 79.6 119.4
43 41.1 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: 35.729 ng

RT: 4.41 min Scan# 191

Delta R.T. 0.02 min

Lab File: BG033420.D

Acq: 29 Mar 2018 14:13

Instrument :

BNA_G

ClientSampleId :

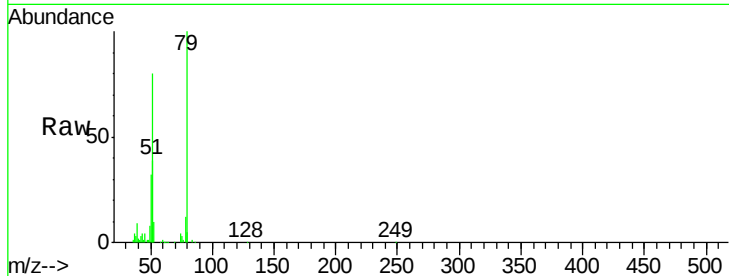
Tot Ion: 79 Resp: 122071

Ion Ratio Lower Upper

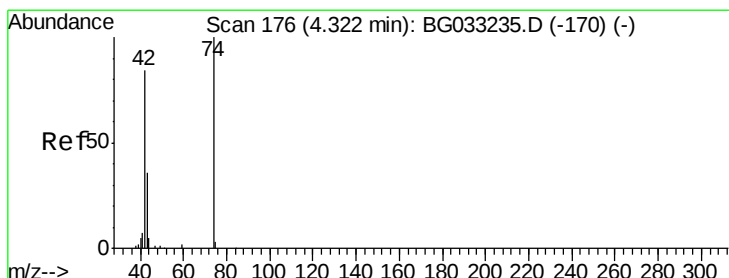
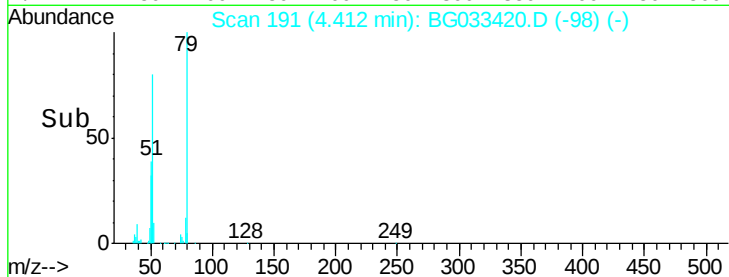
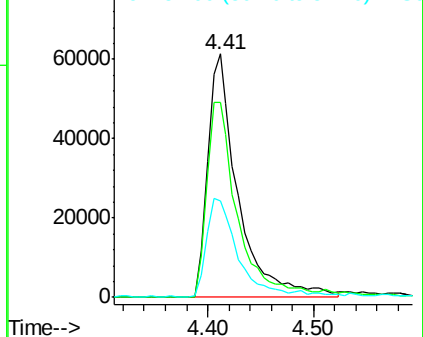
79 100

52 80.2 69.9 104.9

51 39.5 34.0 51.0



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 46.810 ng

RT: 4.31 min Scan# 173

Delta R.T. -0.00 min

Lab File: BG033420.D

Acq: 29 Mar 2018 14:13

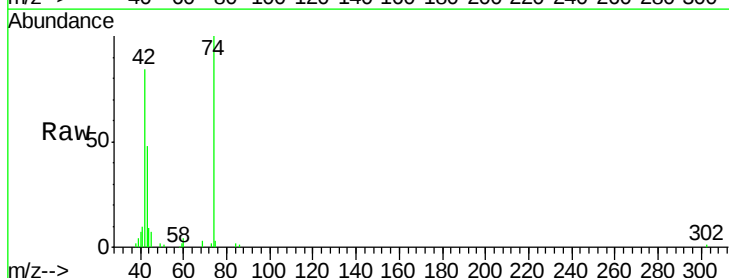
Tgt Ion: 42 Resp: 65632

Ion Ratio Lower Upper

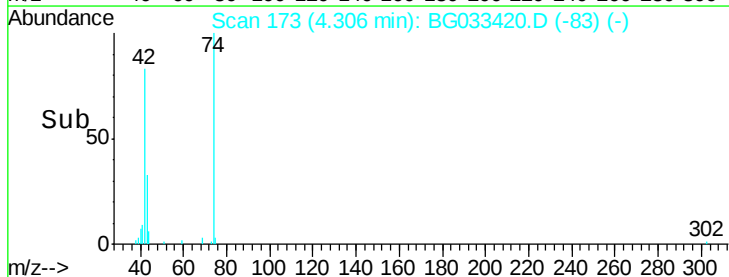
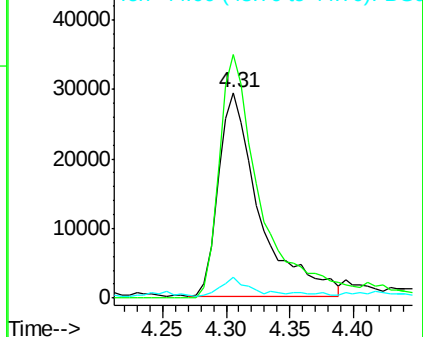
42 100

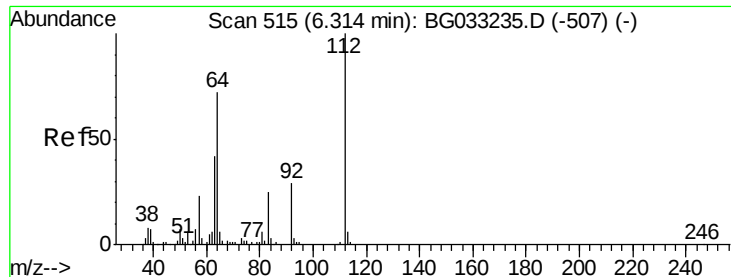
74 118.6 102.5 153.7

44 10.2 18.9 28.3#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 150.441 ng

RT: 6.30 min Scan# 513

Delta R.T. 0.01 min

Lab File: BG033420.D

Acq: 29 Mar 2018 14:13

Instrument :

BNA_G

ClientSampled :

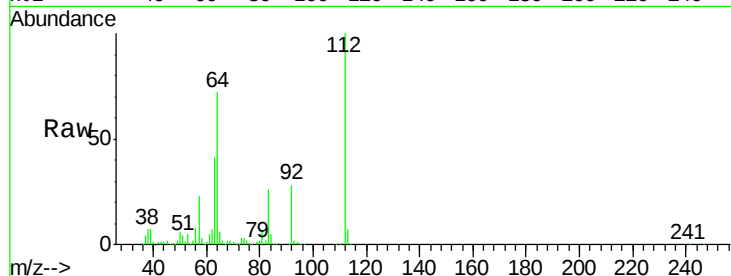
Tot Ion:112 Resp: 366130

Ion Ratio Lower Upper

112 100

64 71.8 56.3 84.5

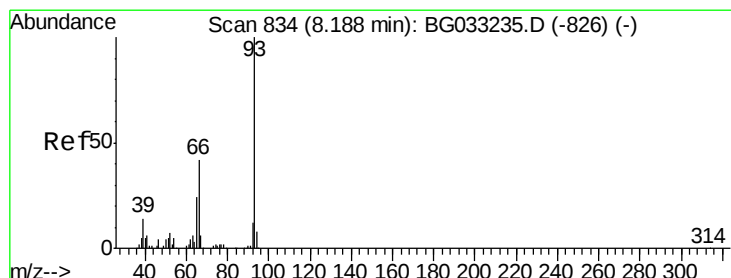
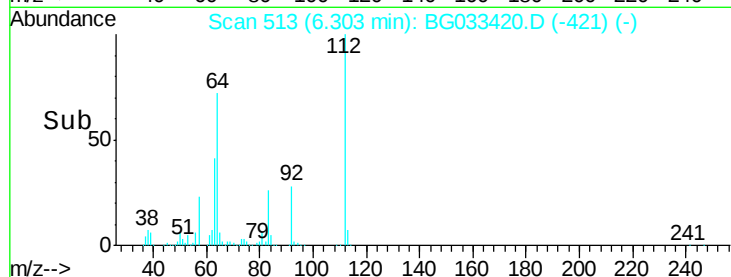
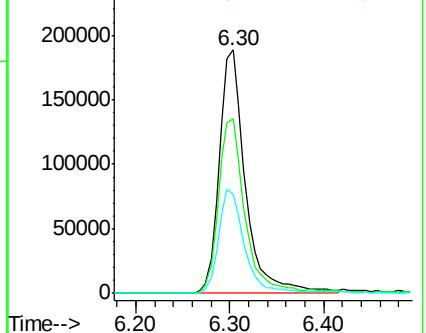
63 40.8 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 7.932 ng

RT: 8.17 min Scan# 830

Delta R.T. -0.00 min

Lab File: BG033420.D

Acq: 29 Mar 2018 14:13

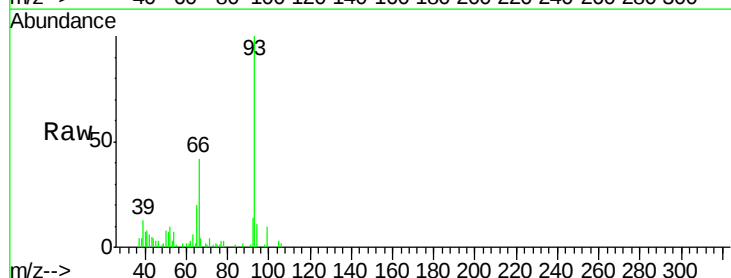
Tgt Ion: 93 Resp: 39008

Ion Ratio Lower Upper

93 100

66 42.5 33.7 50.5

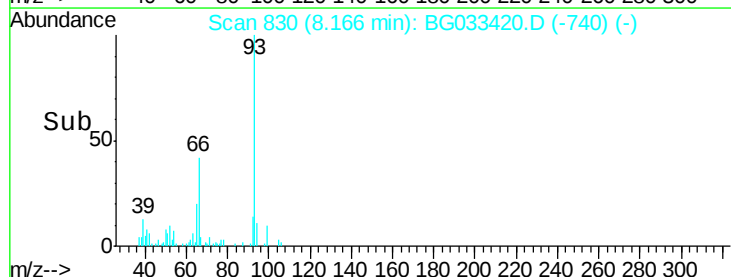
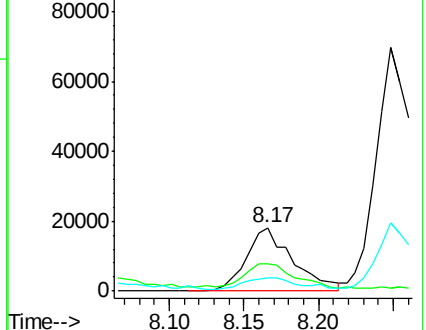
65 20.4 16.1 24.1

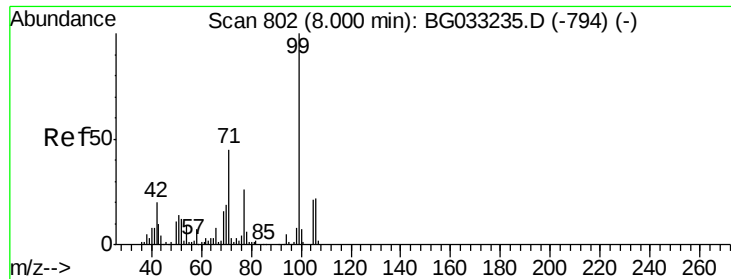


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 128.650 ng

RT: 7.99 min Scan# 800

Delta R.T. 0.01 min

Lab File: BG033420.D

Acq: 29 Mar 2018 14:13

Instrument :

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ClientSampleId :

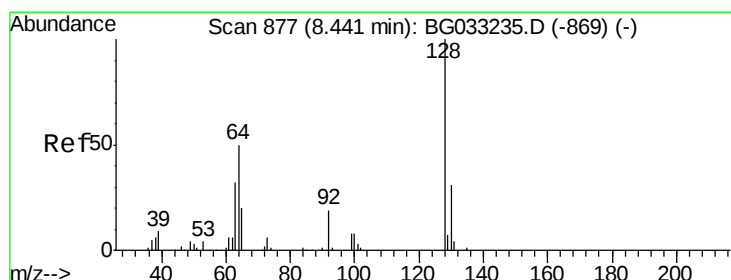
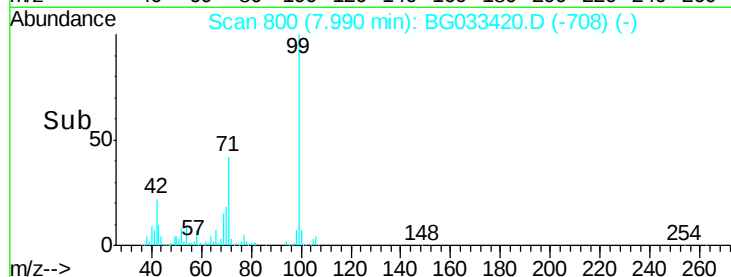
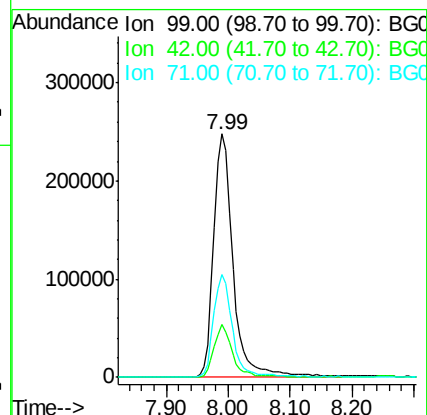
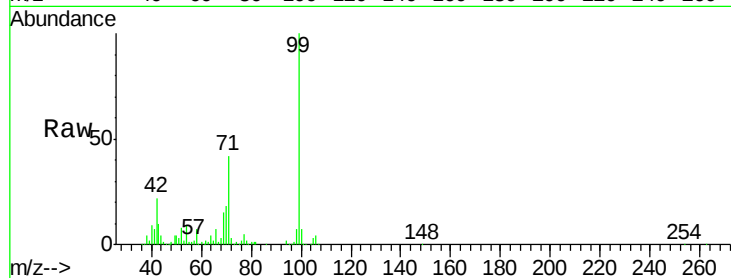
Tot Ion: 99 Resp: 537965

Ion Ratio Lower Upper

99 100

42 21.9 14.1 21.1#

71 42.5 26.1 39.1#



#8

2-Chlorophenol

Concen: 50.497 ng

RT: 8.42 min Scan# 873

Delta R.T. -0.00 min

Lab File: BG033420.D

Acq: 29 Mar 2018 14:13

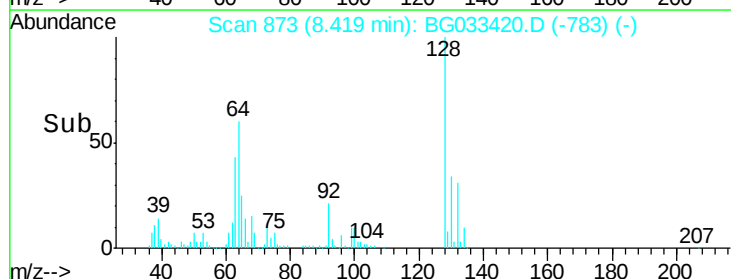
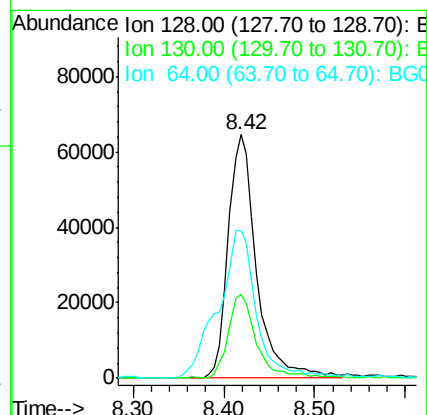
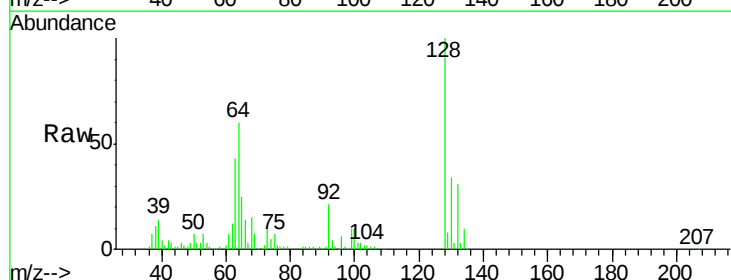
Tgt Ion:128 Resp: 140495

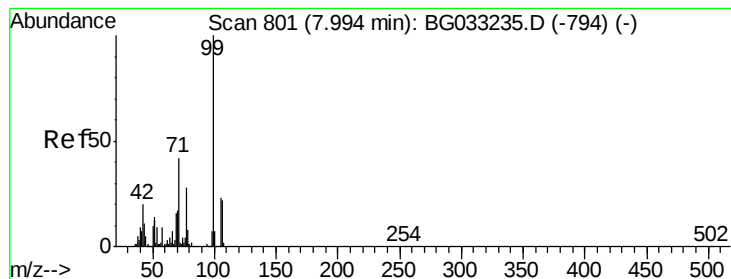
Ion Ratio Lower Upper

128 100

130 34.2 14.0 54.0

64 60.4 37.7 77.7





#9

Benzaldehyde

Concen: 26.318 ng

RT: 7.97 min Scan# 796

Delta R.T. -0.01 min

Lab File: BG033420.D

Acq: 29 Mar 2018 14:13

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ClientSampleId :

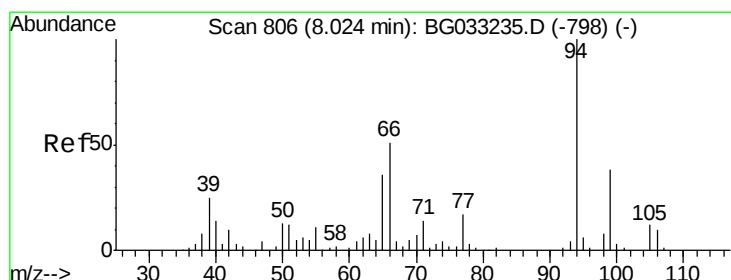
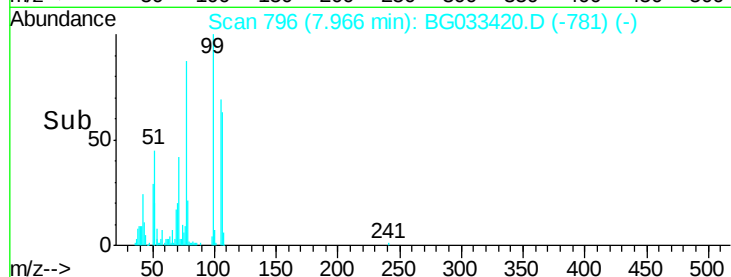
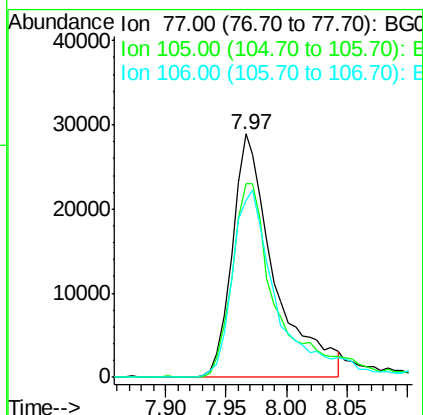
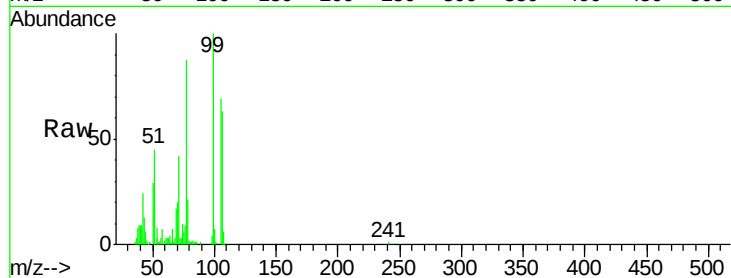
Tot Ion: 77 Resp: 69939

Ion Ratio Lower Upper

77 100

105 79.5 71.3 111.3

106 72.6 64.2 104.2



#10

Phenol

Concen: 43.883 ng

RT: 8.02 min Scan# 805

Delta R.T. 0.01 min

Lab File: BG033420.D

Acq: 29 Mar 2018 14:13

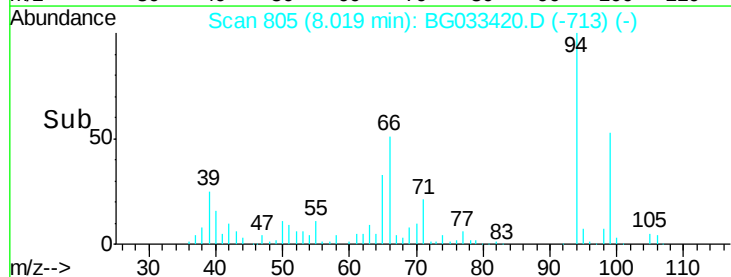
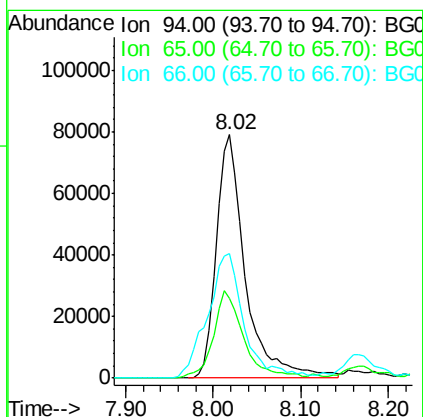
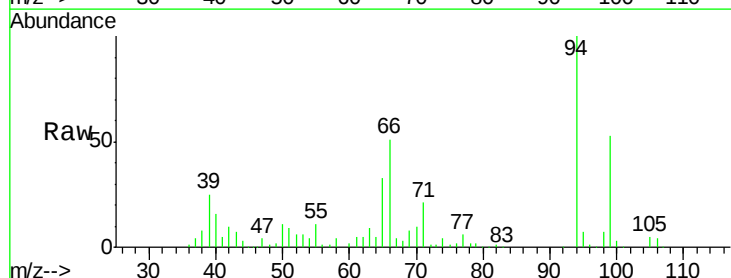
Tgt Ion: 94 Resp: 181175

Ion Ratio Lower Upper

94 100

65 32.8 11.9 51.9

66 51.4 22.2 62.2

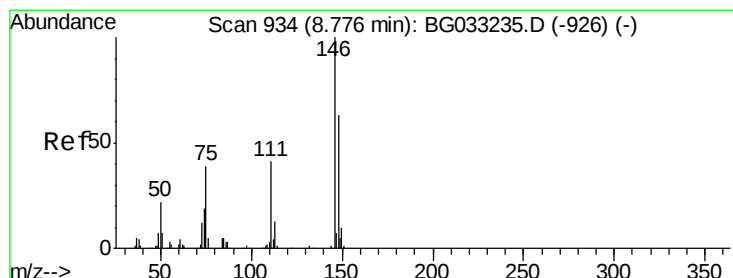
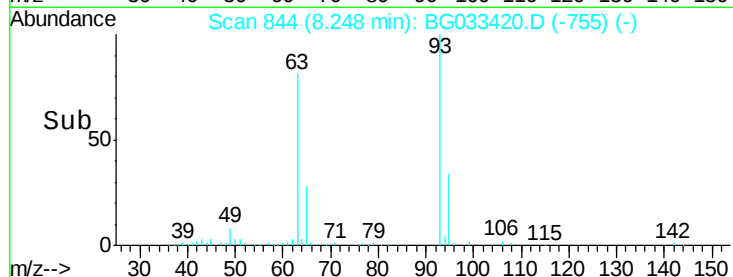
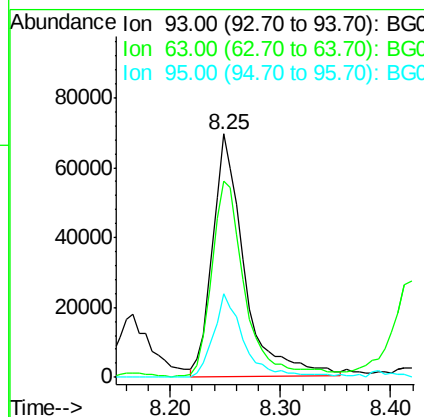
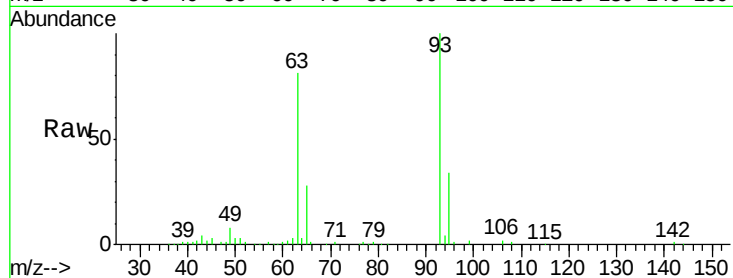




#11
bis(2-Chloroethyl)ether
Concen: 41.184 ng
RT: 8.25 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG033420.D
Acq: 29 Mar 2018 14:13

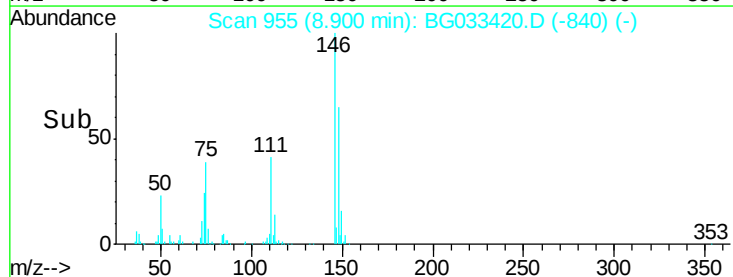
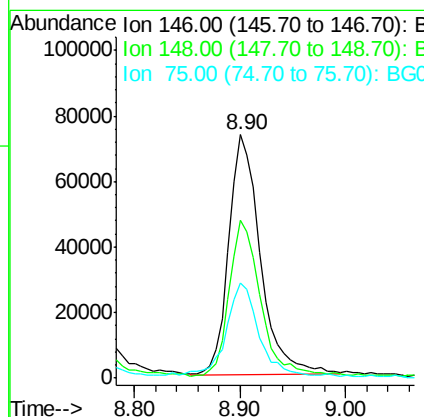
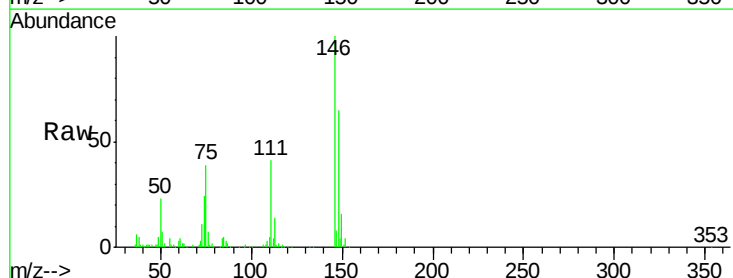
Instrument :
BNA_G
ClientSampleId :

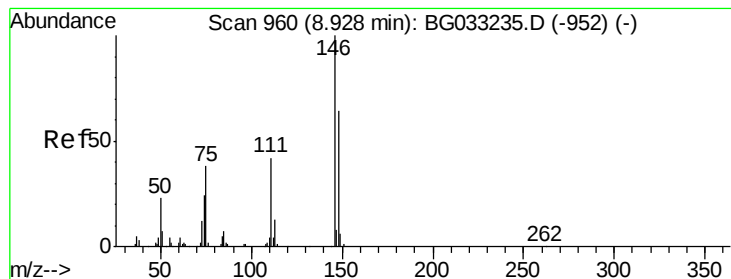
Tot Ion: 93 Resp: 138783
Ion Ratio Lower Upper
93 100
63 80.7 67.1 107.1
95 34.4 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 41.979 ng
RT: 8.90 min Scan# 955
Delta R.T. 0.15 min
Lab File: BG033420.D
Acq: 29 Mar 2018 14:13

Tgt Ion: 146 Resp: 152698
Ion Ratio Lower Upper
146 100
148 64.9 51.4 77.2
75 39.0 26.6 39.8





#13

1,4-Dichlorobenzene

Concen: 41.917 ng

RT: 8.90 min Scan# 955

Delta R.T. -0.01 min

Lab File: BG033420.D

Acq: 29 Mar 2018 14:13

Instrument :

BNA_G

ClientSampleId :

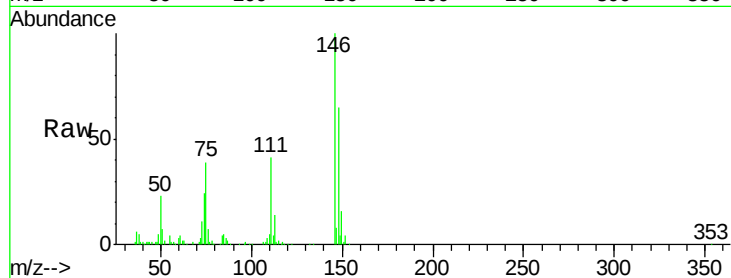
Tot Ion:146 Resp: 152698

Ion Ratio Lower Upper

146 100

148 64.9 53.7 80.5

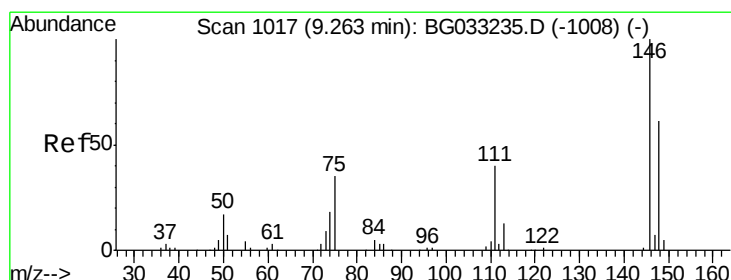
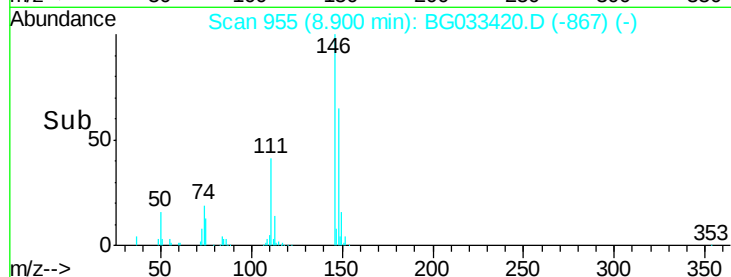
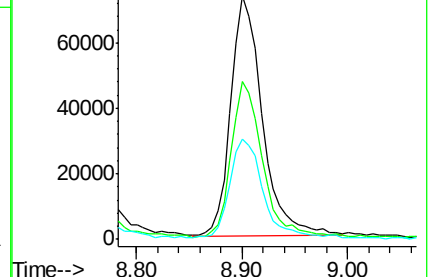
111 41.2 35.2 52.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.718 ng

RT: 9.24 min Scan# 1012

Delta R.T. -0.00 min

Lab File: BG033420.D

Acq: 29 Mar 2018 14:13

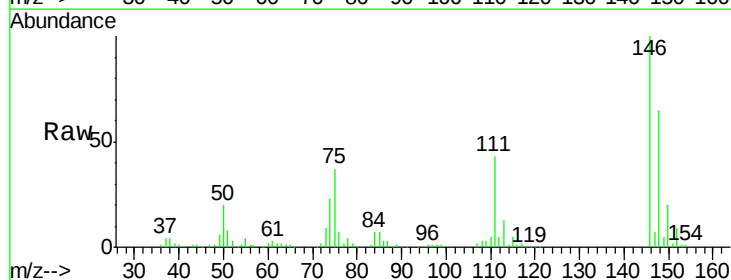
Tgt Ion:146 Resp: 151882

Ion Ratio Lower Upper

146 100

148 65.4 49.3 73.9

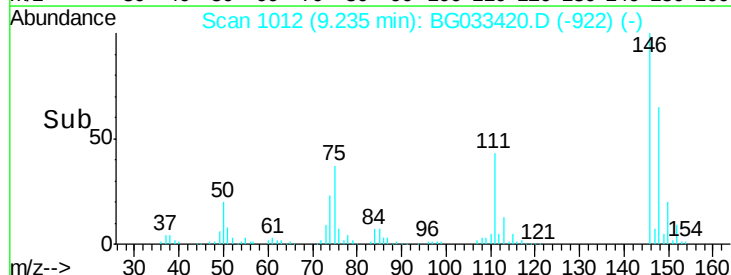
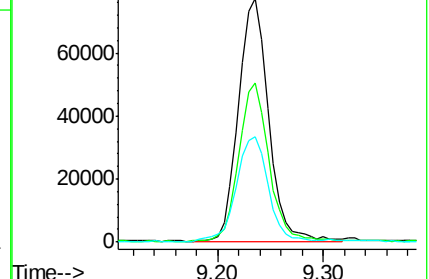
111 43.3 34.3 51.5

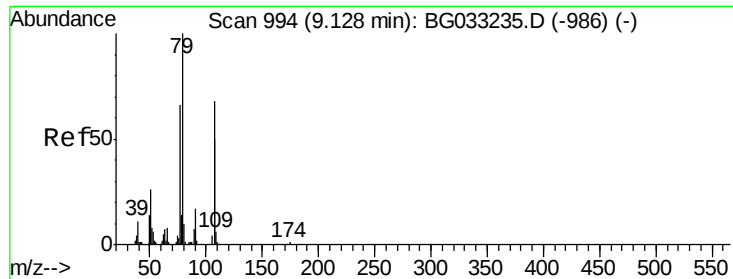


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 49.568 ng

RT: 9.11 min Scan# 990

Delta R.T. -0.00 min

Lab File: BG033420.D

Acq: 29 Mar 2018 14:13

Instrument :

BNA_G

ClientSampled :

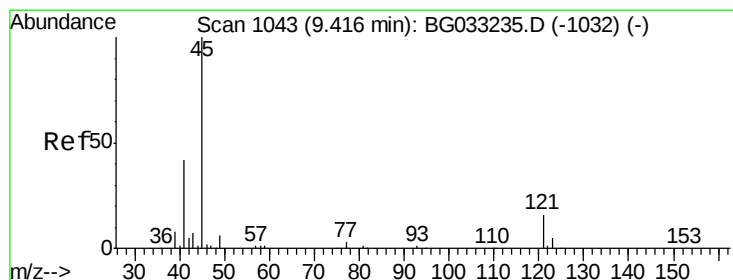
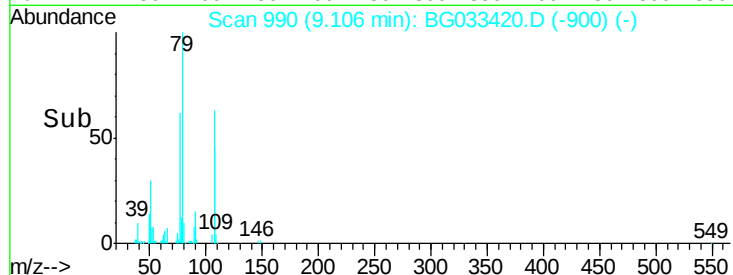
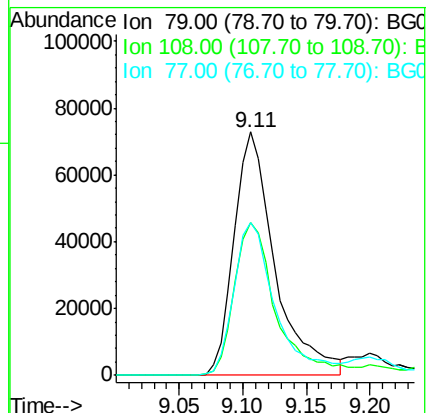
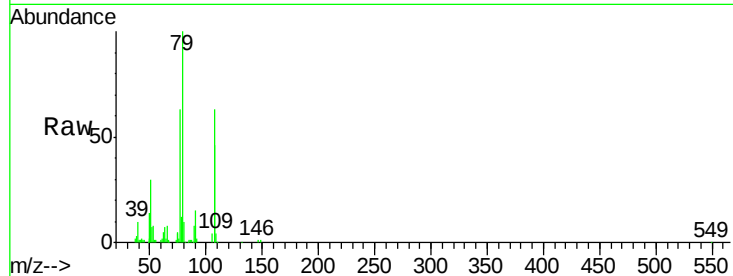
Tot Ion: 79 Resp: 163194

Ion Ratio Lower Upper

79 100

108 62.6 57.2 85.8

77 62.6 46.1 69.1



#16

2,2'-oxybis(1-chloropropane)

Concen: 42.339 ng

RT: 9.39 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BG033420.D

Acq: 29 Mar 2018 14:13

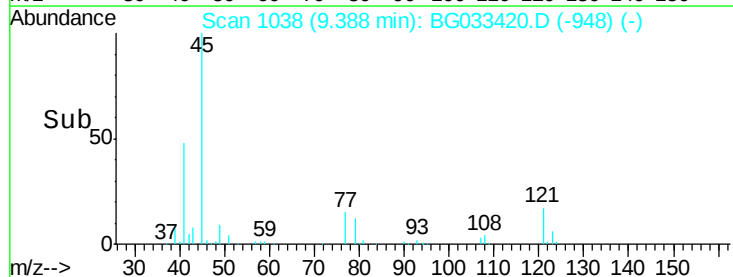
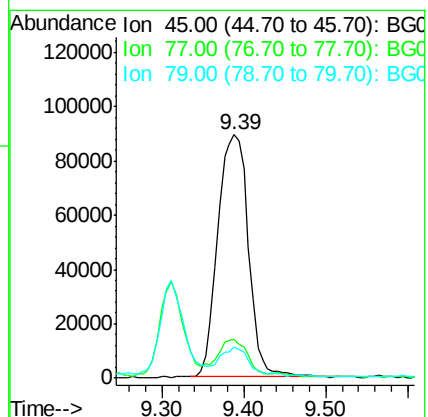
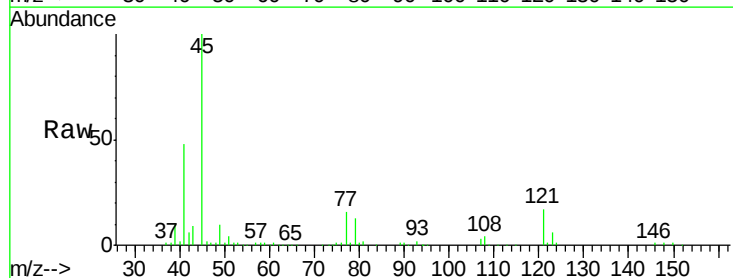
Tgt Ion: 45 Resp: 232592

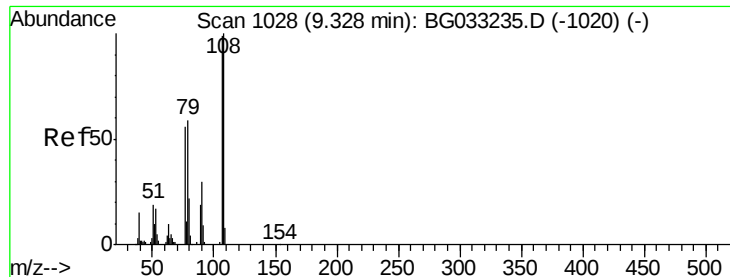
Ion Ratio Lower Upper

45 100

77 16.1 0.0 30.2

79 12.6 0.0 27.9





#17

2-Methylphenol

Concen: 45.850 ng

RT: 9.31 min Scan# 1025

Delta R.T. 0.00 min

Lab File: BG033420.D

Acq: 29 Mar 2018 14:13

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 128952

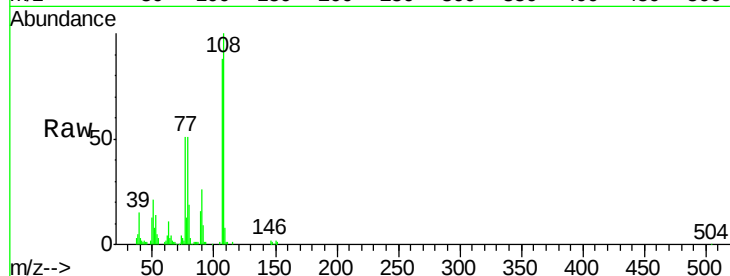
Ion Ratio Lower Upper

107 100

108 113.5 83.9 125.9

77 57.9 37.2 55.8#

79 58.3 36.2 54.2#

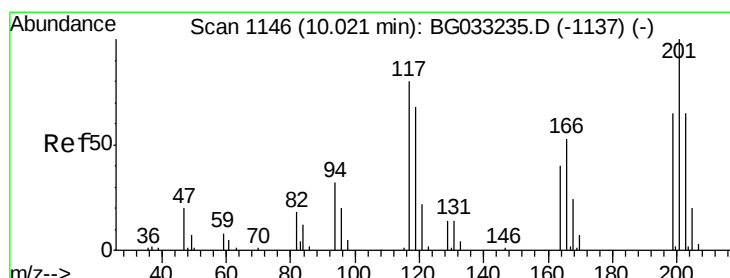
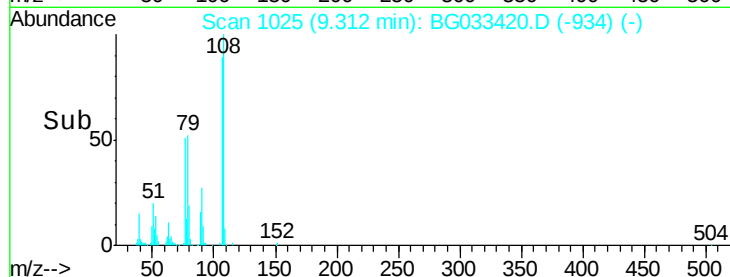
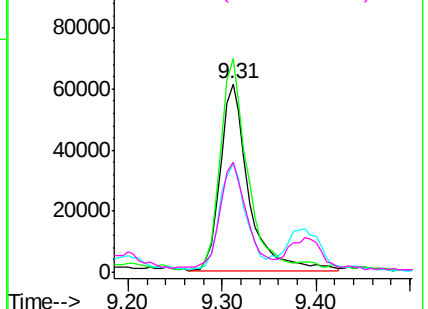


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 43.446 ng

RT: 9.99 min Scan# 1140

Delta R.T. -0.01 min

Lab File: BG033420.D

Acq: 29 Mar 2018 14:13

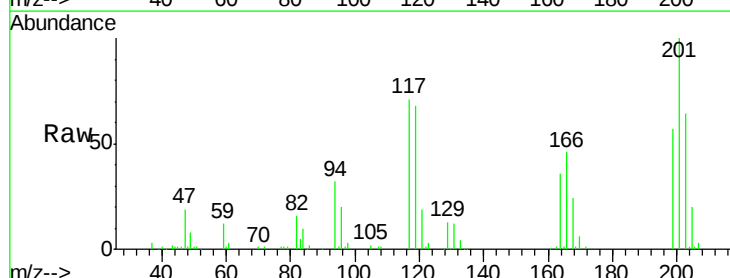
Tgt Ion:117 Resp: 61085

Ion Ratio Lower Upper

117 100

119 96.5 76.7 115.1

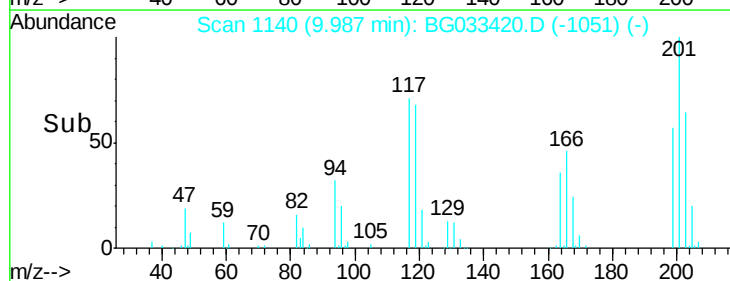
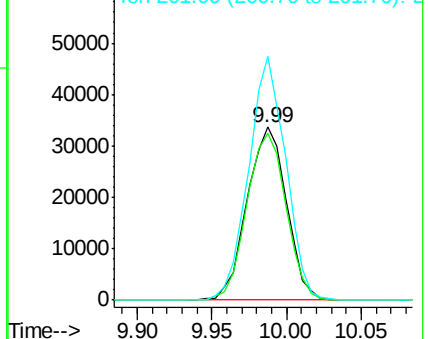
201 141.0 95.7 143.5



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

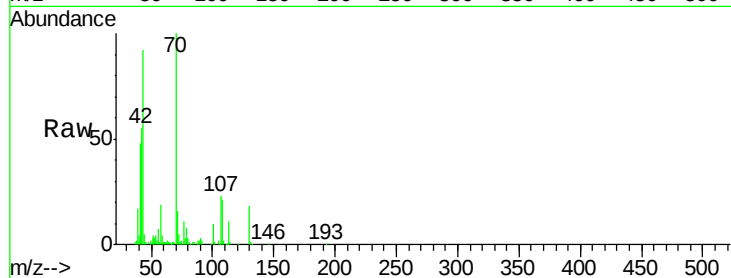




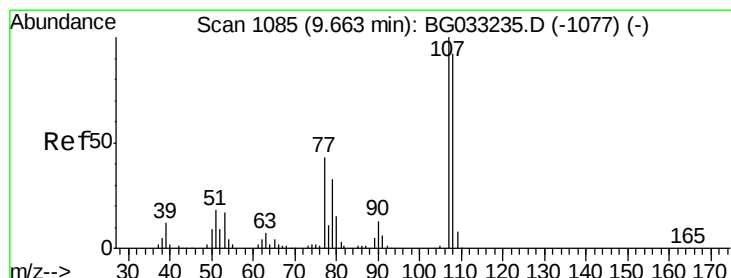
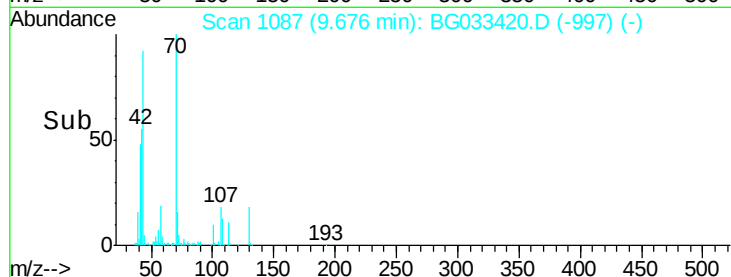
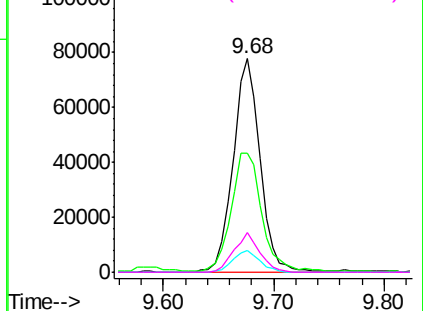
#19
n-Nitroso-di-n-propylamine
Concen: 43.537 ng
RT: 9.68 min Scan# 1087
Delta R.T. -0.00 min
Lab File: BG033420.D
Acq: 29 Mar 2018 14:13

Instrument :
BNA_G
ClientSampled :

Tot Ion:	70	Resp:	133402
Ion	Ratio	Lower	Upper
70	100		
42	55.5	49.1	73.7
101	10.0	8.5	12.7
130	18.5	13.4	20.0

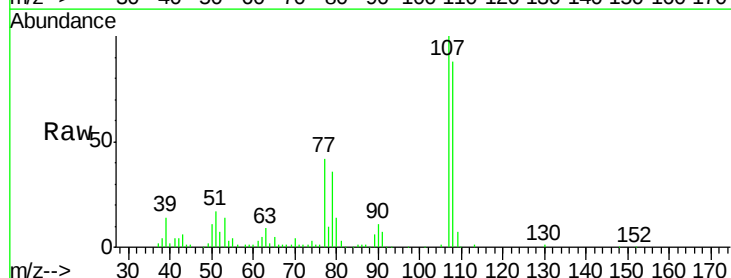


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

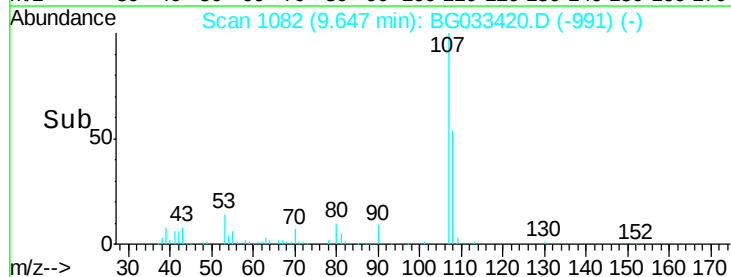
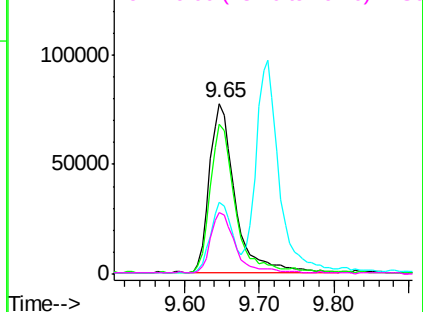


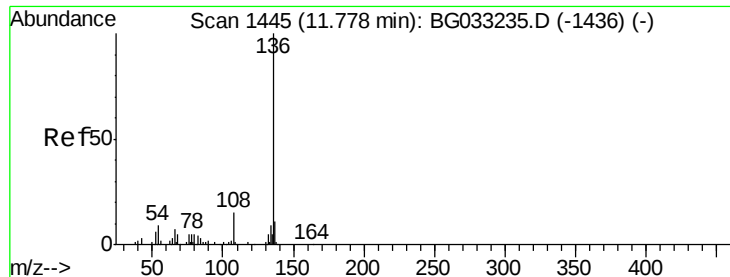
#20
3+4-Methylphenols
Concen: 46.323 ng
RT: 9.65 min Scan# 1082
Delta R.T. 0.00 min
Lab File: BG033420.D
Acq: 29 Mar 2018 14:13

Tgt Ion:	107	Resp:	185497
Ion	Ratio	Lower	Upper
107	100		
108	87.7	61.6	101.6
77	42.2	13.9	53.9
79	36.1	8.8	48.8



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.75 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BG033420.D

Acq: 29 Mar 2018 14:13

Instrument :

BNA_G

ClientSampled :

Tot Ion:136 Resp: 190373

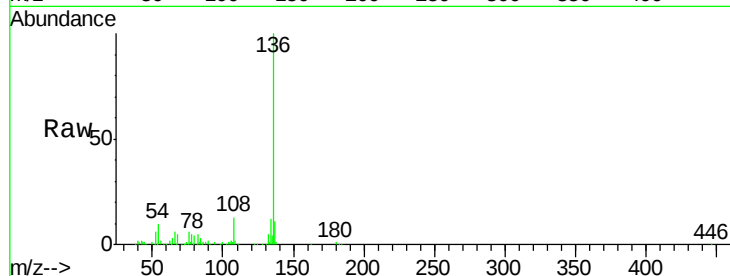
Ion Ratio Lower Upper

136 100

137 10.6 9.2 13.8

54 9.9 10.3 15.5#

68 4.8 4.5 6.7

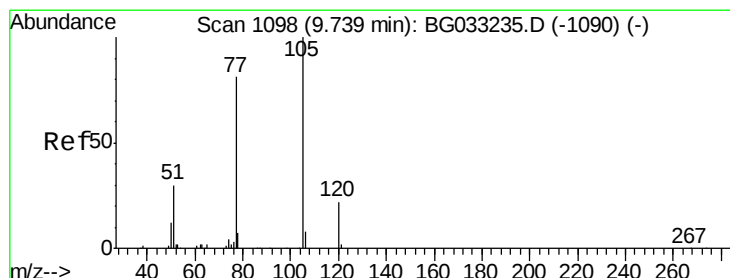
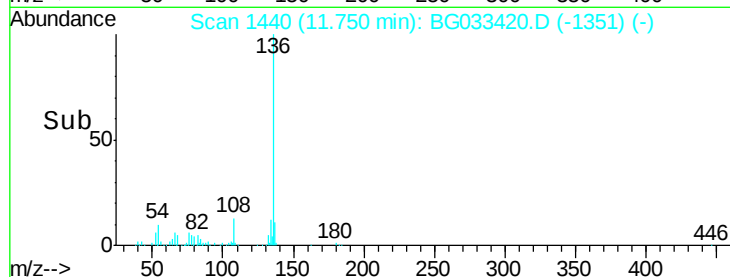
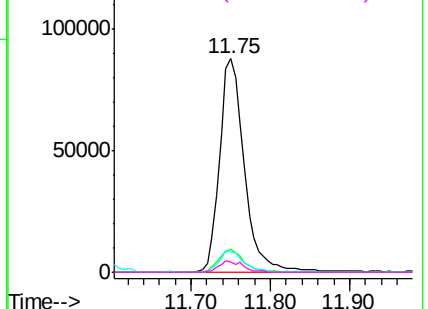


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 45.730 ng

RT: 9.71 min Scan# 1093

Delta R.T. -0.00 min

Lab File: BG033420.D

Acq: 29 Mar 2018 14:13

Tgt Ion:105 Resp: 238506

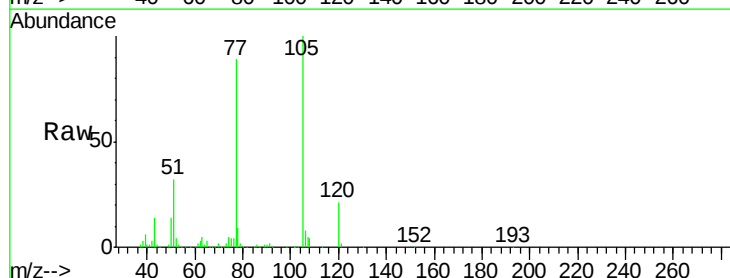
Ion Ratio Lower Upper

105 100

71 0.4 3.0 4.4#

51 32.3 26.1 39.1

120 21.3 17.4 26.2

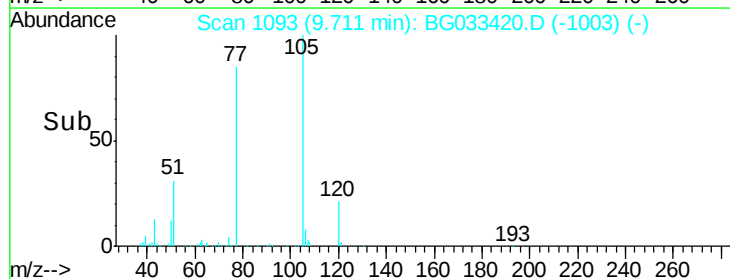
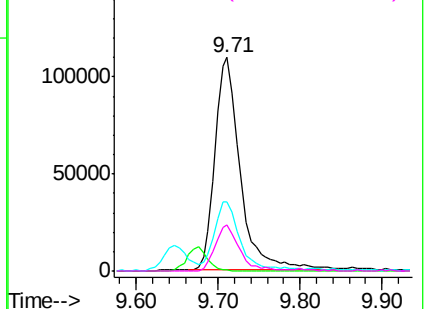


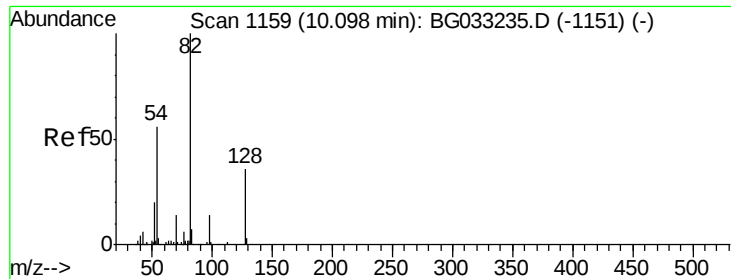
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

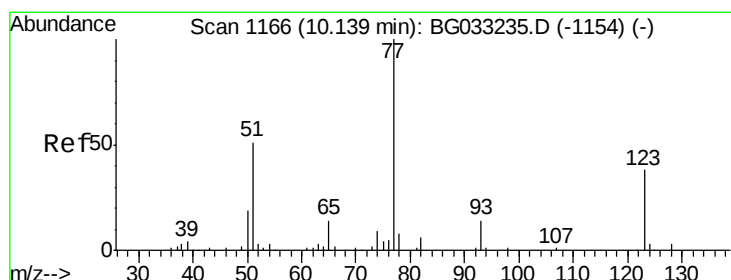
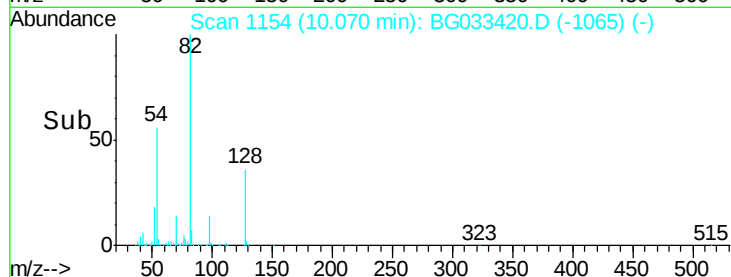
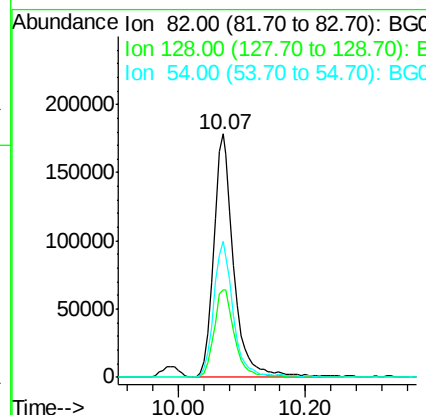
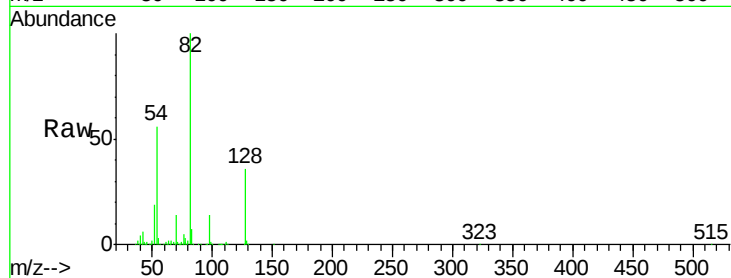




#23
 Nitrobenzene-d5
 Concen: 95.950 ng
 RT: 10.07 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BG033420.D
 Acq: 29 Mar 2018 14:13

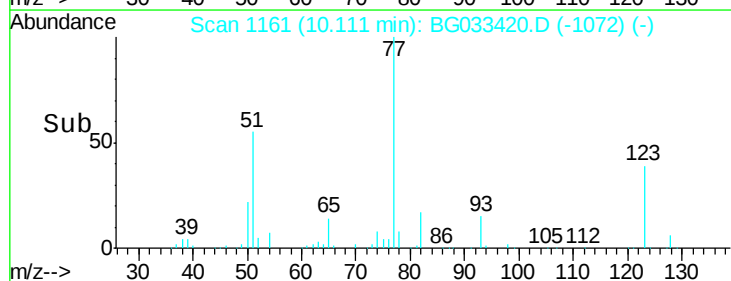
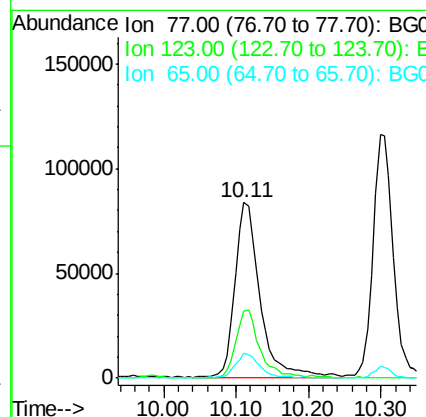
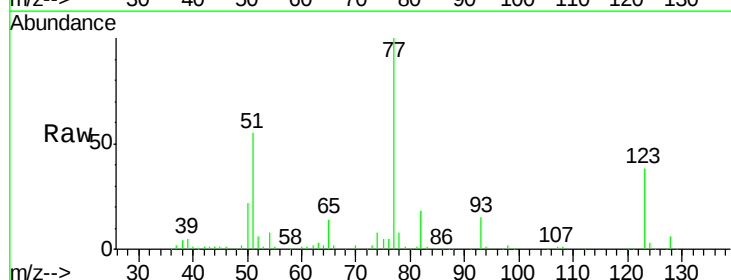
Instrument :
 BNA_G
 ClientSampleId :

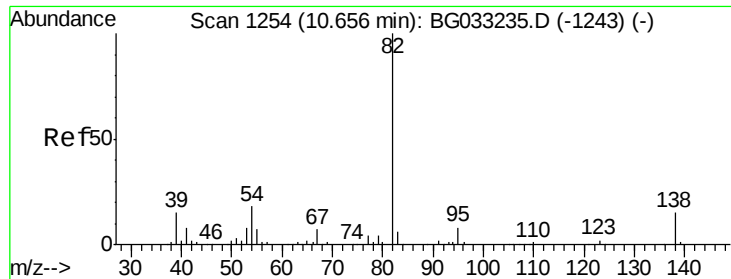
Tot Ion: 82 Resp: 397576
 Ion Ratio Lower Upper
 82 100
 128 36.1 29.7 44.5
 54 55.9 43.1 64.7



#24
 Nitrobenzene
 Concen: 44.826 ng
 RT: 10.11 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: BG033420.D
 Acq: 29 Mar 2018 14:13

Tgt Ion: 77 Resp: 198808
 Ion Ratio Lower Upper
 77 100
 123 38.2 33.0 49.6
 65 14.4 13.0 19.6

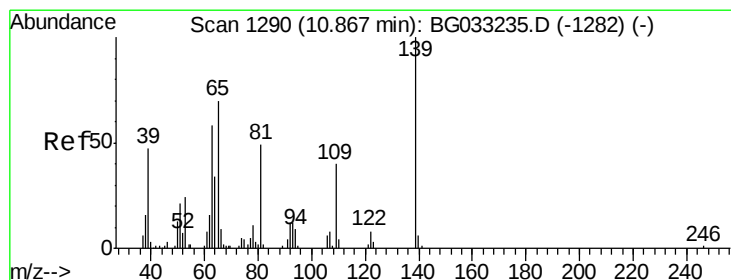
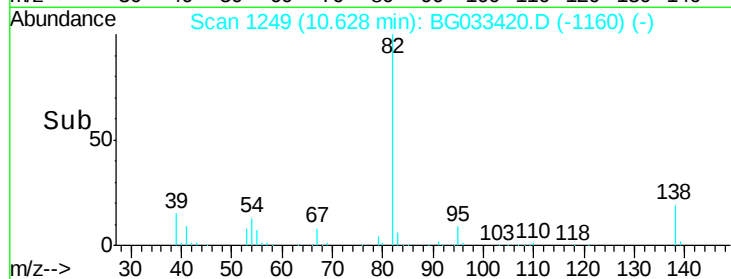
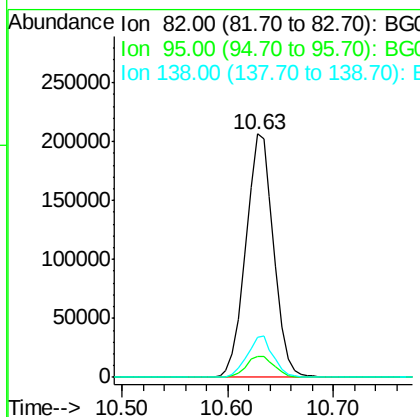
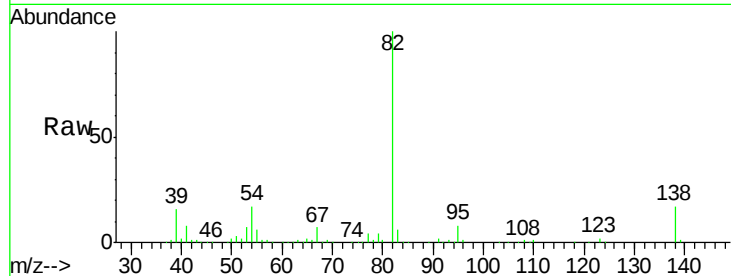




#25
Isophorone
Concen: 46.925 ng
RT: 10.63 min Scan# 1249
Delta R.T. -0.01 min
Lab File: BG033420.D
Acq: 29 Mar 2018 14:13

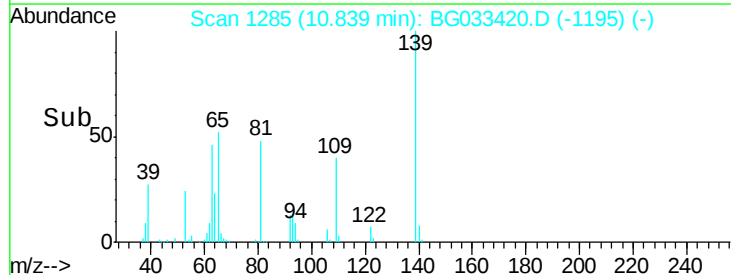
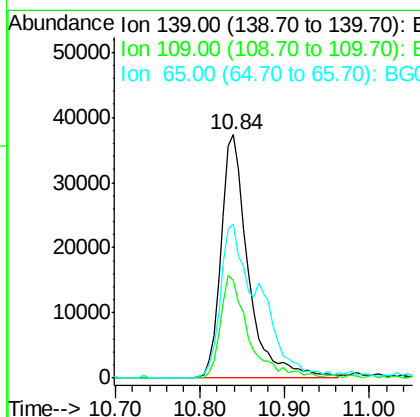
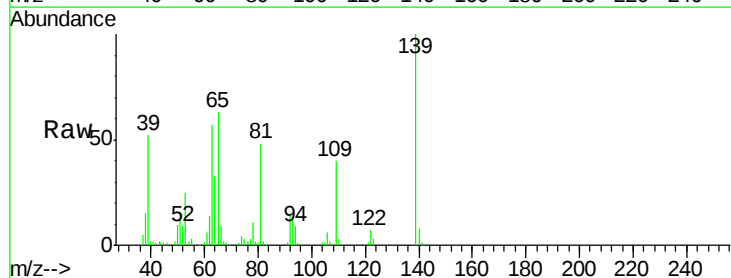
Instrument :
BNA_G
ClientSampled :

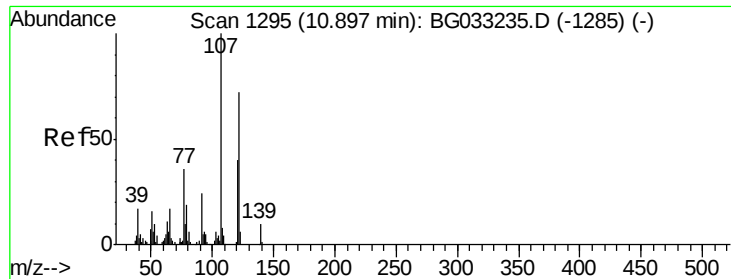
Tot Ion: 82 Resp: 377374
Ion Ratio Lower Upper
82 100
95 8.4 6.2 9.2
138 16.7 12.1 18.1



#26
2-Nitrophenol
Concen: 49.773 ng
RT: 10.84 min Scan# 1285
Delta R.T. -0.00 min
Lab File: BG033420.D
Acq: 29 Mar 2018 14:13

Tgt Ion: 139 Resp: 83575
Ion Ratio Lower Upper
139 100
109 40.1 24.2 36.2#
65 63.4 47.4 71.0

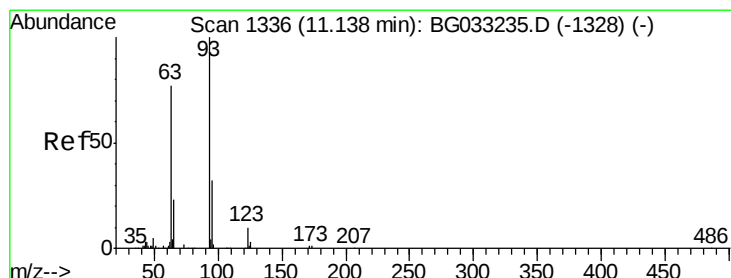
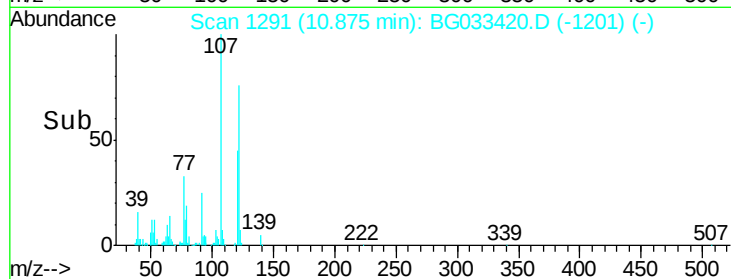
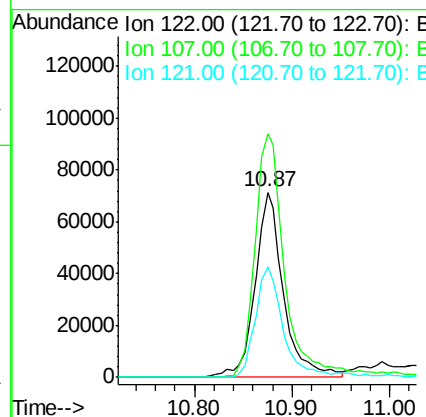
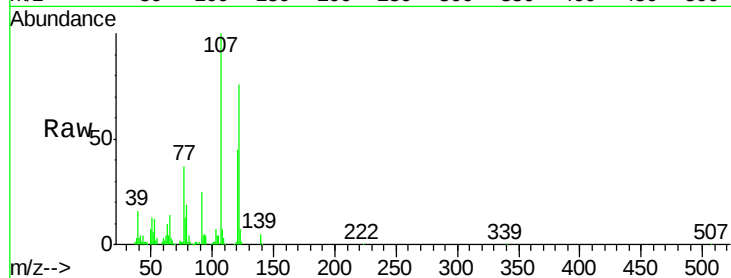




#27
 2,4-Dimethylphenol
 Concen: 59.837 ng
 RT: 10.87 min Scan# 1291
 Delta R.T. -0.00 min
 Lab File: BG033420.D
 Acq: 29 Mar 2018 14:13

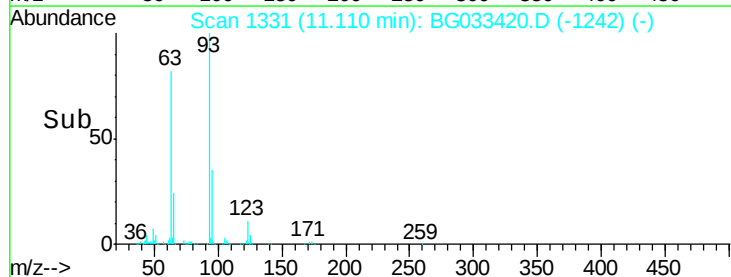
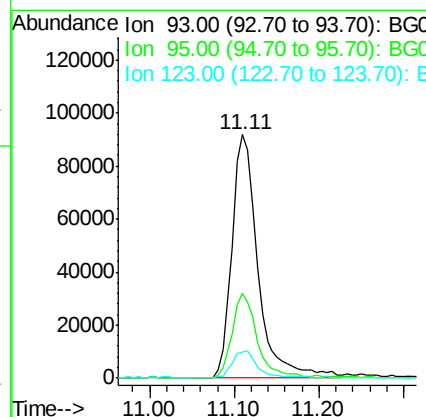
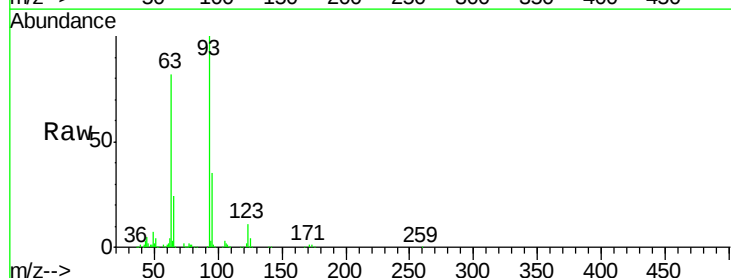
Instrument :
 BNA_G
 ClientSampleId :

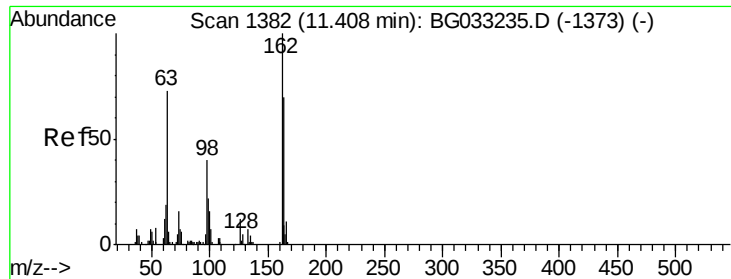
Tot Ion	Ratio	Lower	Upper
122	100		
107	131.8	100.2	150.2
121	59.7	44.4	66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 48.655 ng
 RT: 11.11 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BG033420.D
 Acq: 29 Mar 2018 14:13

Tgt Ion	Ratio	Lower	Upper
93	100		
95	35.1	24.3	36.5
123	10.6	8.4	12.6

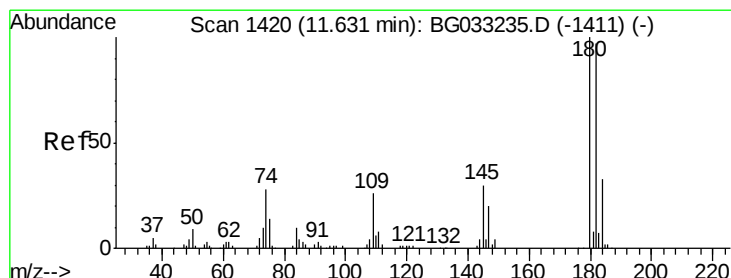
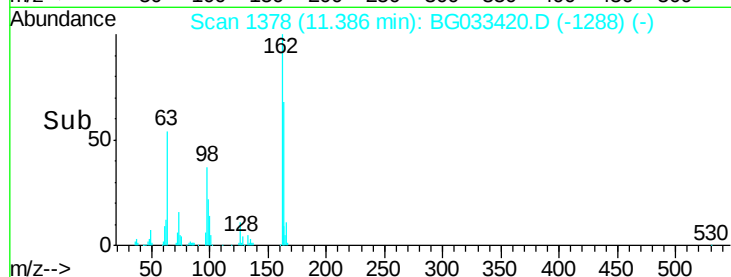
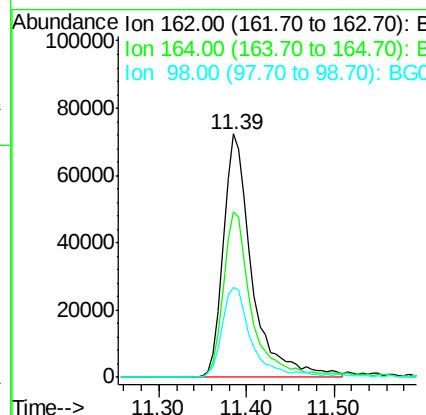
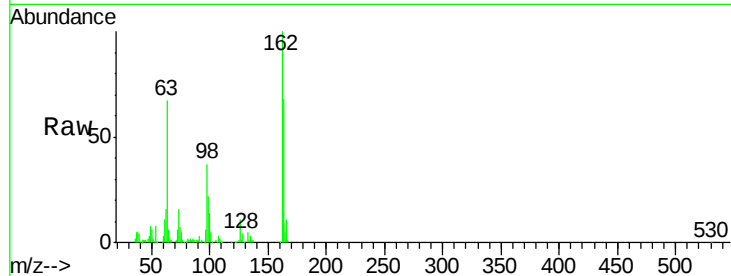




#29
 2,4-Dichlorophenol
 Concen: 54.401 ng
 RT: 11.39 min Scan# 1378
 Delta R.T. -0.00 min
 Lab File: BG033420.D
 Acq: 29 Mar 2018 14:13

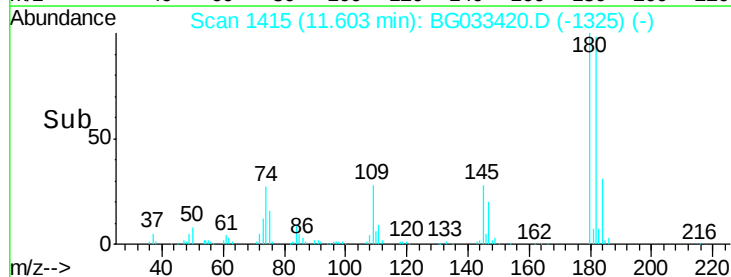
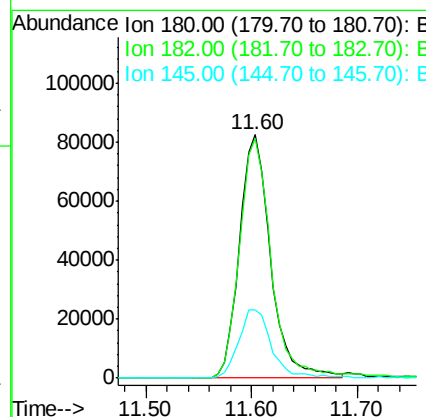
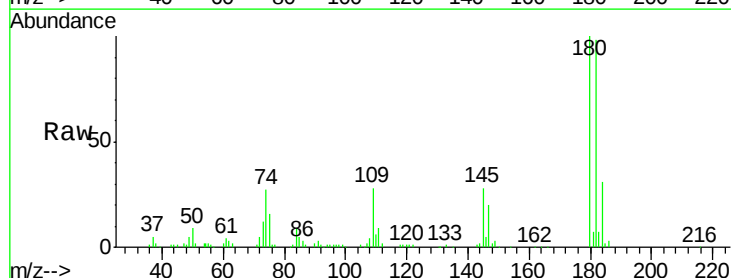
Instrument :
 BNA_G
 ClientSampleId :

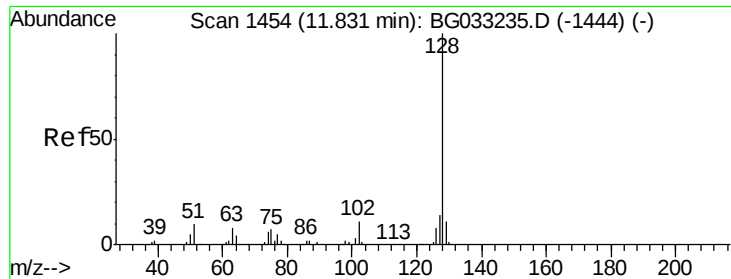
Tot Ion	Ratio	Lower	Upper
162	100		
164	67.8	48.0	88.0
98	36.9	21.1	61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 43.251 ng
 RT: 11.60 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: BG033420.D
 Acq: 29 Mar 2018 14:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.3	77.5	116.3
145	28.1	23.4	35.2

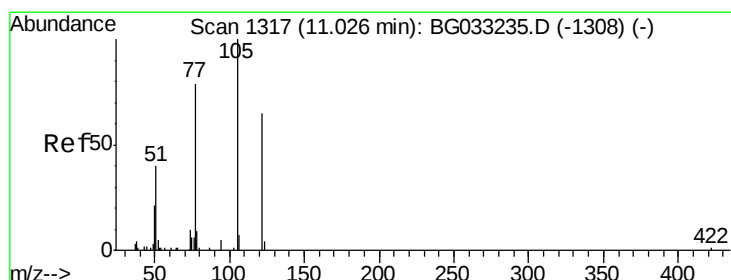
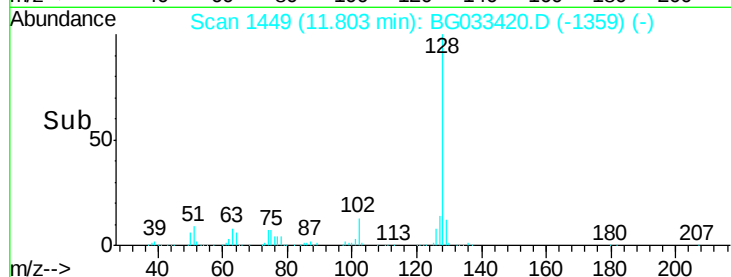
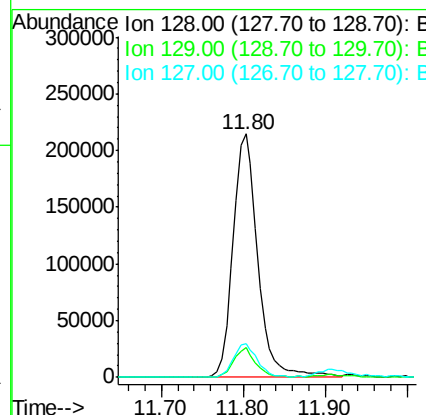
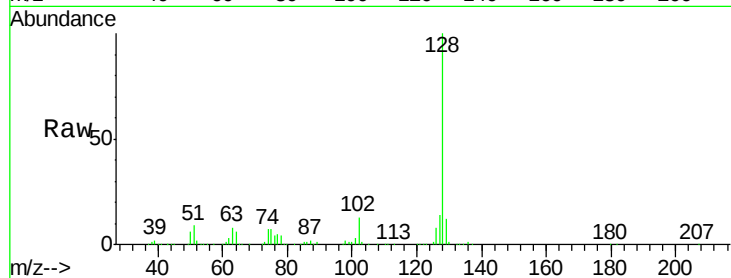




#31
Naphthalene
Concen: 45.923 ng
RT: 11.80 min Scan# 1449
Delta R.T. -0.00 min
Lab File: BG033420.D
Acq: 29 Mar 2018 14:13

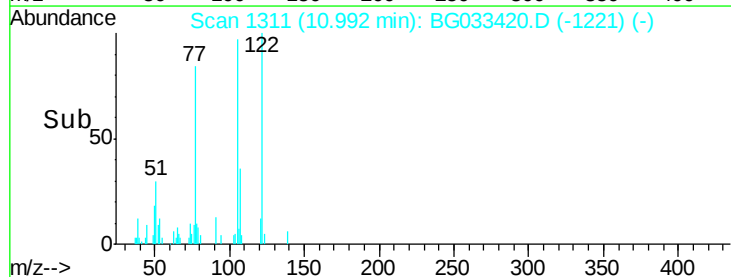
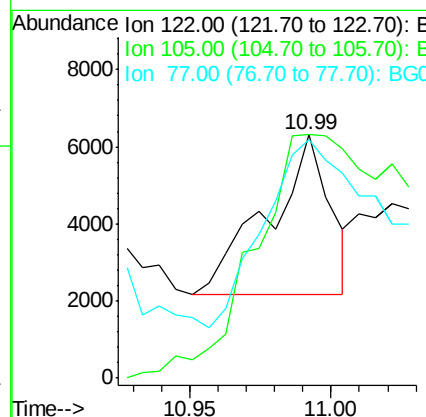
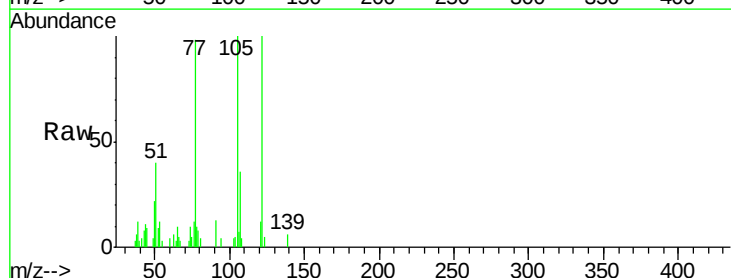
Instrument :
BNA_G
ClientSampleId :

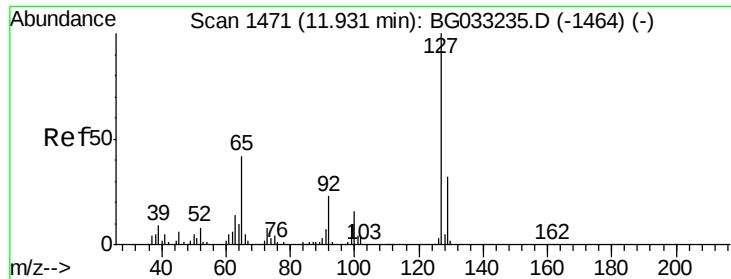
Tot Ion:128 Resp: 453035
Ion Ratio Lower Upper
128 100
129 12.2 8.6 12.8
127 14.1 11.6 17.4



#32
Benzoic acid
Concen: 2.817 ng
RT: 10.99 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BG033420.D
Acq: 29 Mar 2018 14:13

Tgt Ion:122 Resp: 6388
Ion Ratio Lower Upper
122 100
105 99.8 123.5 163.5#
77 98.1 85.7 125.7

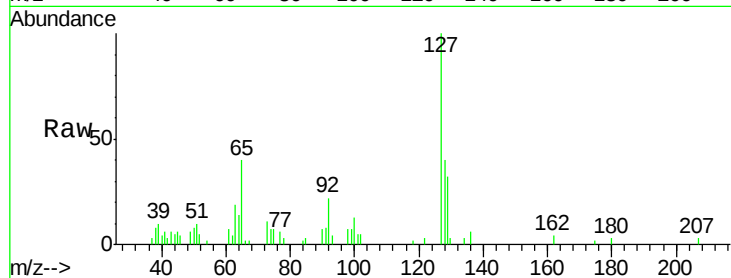




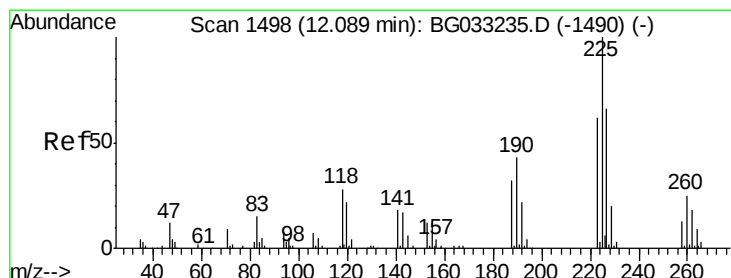
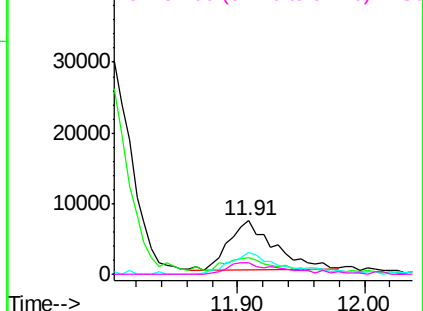
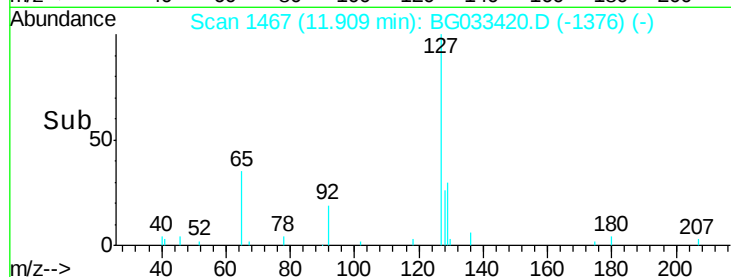
#33
4-Chloroaniline
Concen: 4.035 ng
RT: 11.91 min Scan# 1467
Delta R.T. 0.00 min
Lab File: BG033420.D
Acq: 29 Mar 2018 14:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	17832
Ion	Ratio	Lower	Upper
127	100		
129	31.5	24.0	36.0
65	40.2	27.0	40.4
92	21.6	16.6	25.0

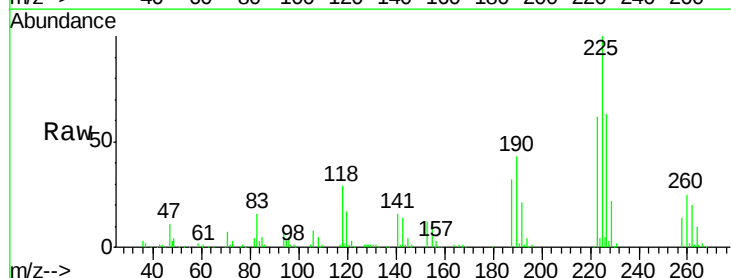


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

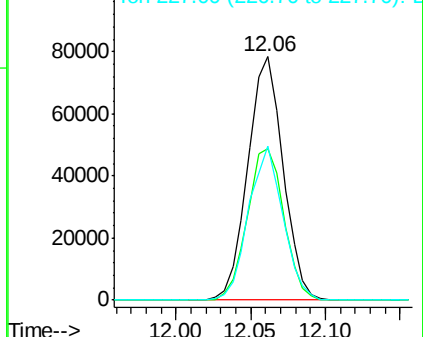
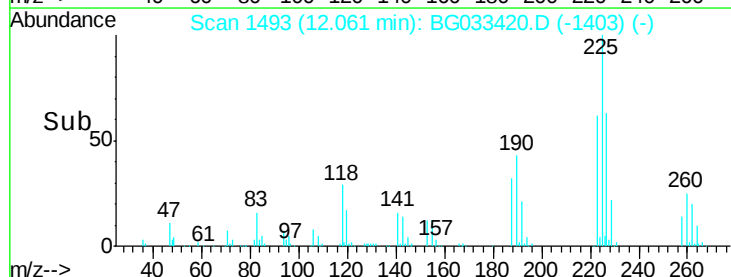


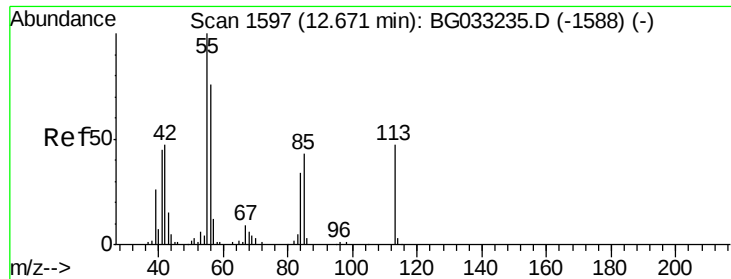
#34
Hexachlorobutadiene
Concen: 43.415 ng
RT: 12.06 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BG033420.D
Acq: 29 Mar 2018 14:13

Tgt Ion:	225	Resp:	127960
Ion	Ratio	Lower	Upper
225	100		
223	65.8	49.7	74.5
227	63.4	48.1	72.1



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





#35

Caprolactam

Concen: 38.052 ng

RT: 12.65 min Scan# 1593

Delta R.T. 0.00 min

Lab File: BG033420.D

Acq: 29 Mar 2018 14:13

Instrument :

BNA_G

ClientSampled :

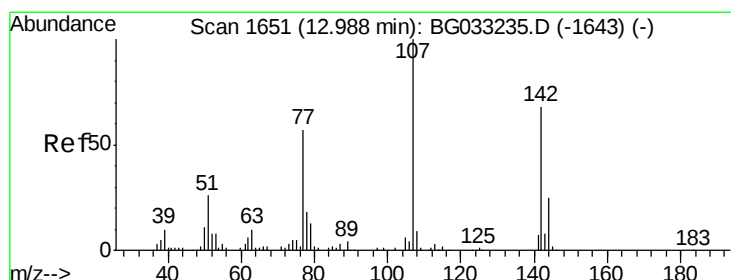
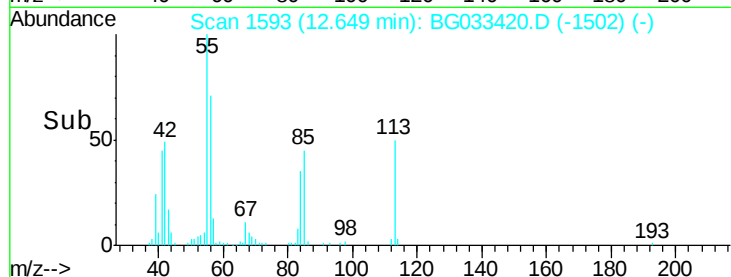
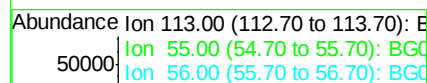
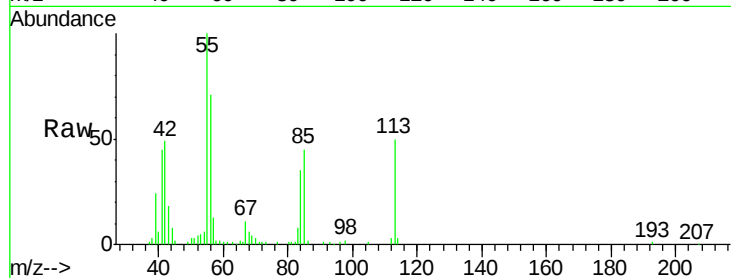
Tot Ion:113 Resp: 44720

Ion Ratio Lower Upper

113 100

55 199.2 186.9 226.9

56 141.1 130.9 170.9



#36

4-Chloro-3-methylphenol

Concen: 51.707 ng

RT: 12.97 min Scan# 1648

Delta R.T. 0.01 min

Lab File: BG033420.D

Acq: 29 Mar 2018 14:13

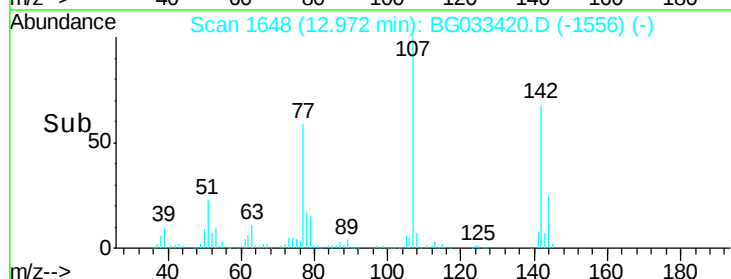
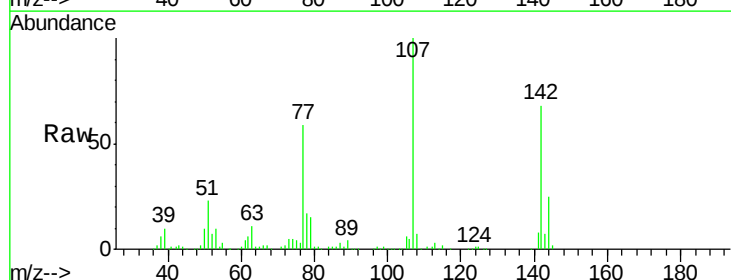
Tgt Ion:107 Resp: 202307

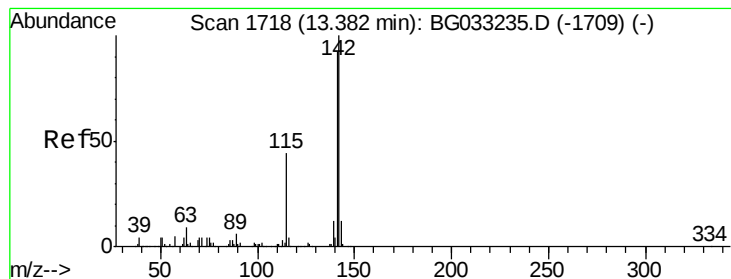
Ion Ratio Lower Upper

107 100

144 24.5 18.2 27.4

142 68.5 59.0 88.4





#37

2-Methylnaphthalene

Concen: 44.652 ng

RT: 13.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: BG033420.D

Acq: 29 Mar 2018 14:13

Instrument :

BNA_G

ClientSampleId :

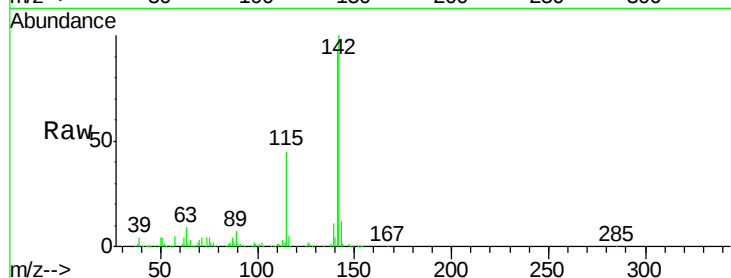
Tot Ion:142 Resp: 341903

Ion Ratio Lower Upper

142 100

141 93.1 67.1 100.7

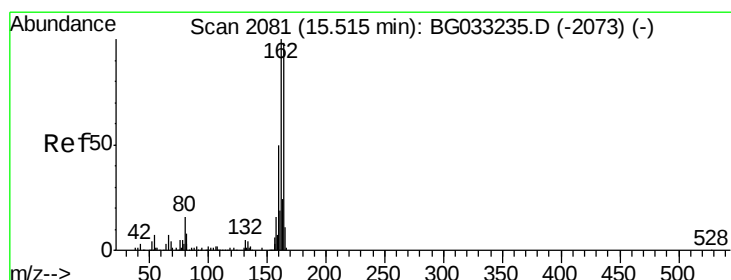
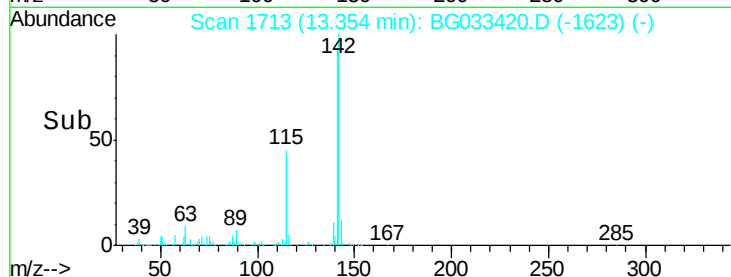
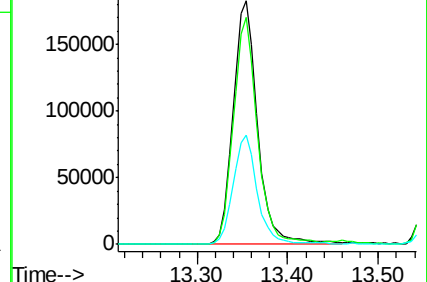
115 45.1 30.7 46.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.49 min Scan# 2076

Delta R.T. -0.00 min

Lab File: BG033420.D

Acq: 29 Mar 2018 14:13

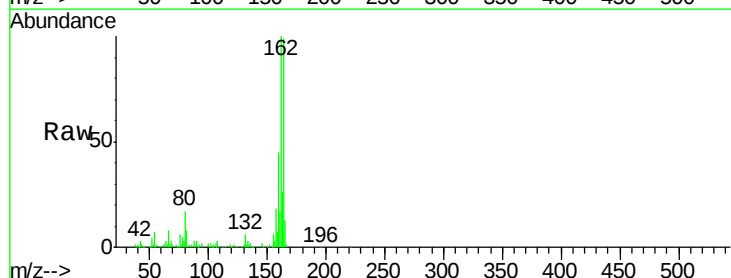
Tgt Ion:164 Resp: 141936

Ion Ratio Lower Upper

164 100

162 101.5 78.8 118.2

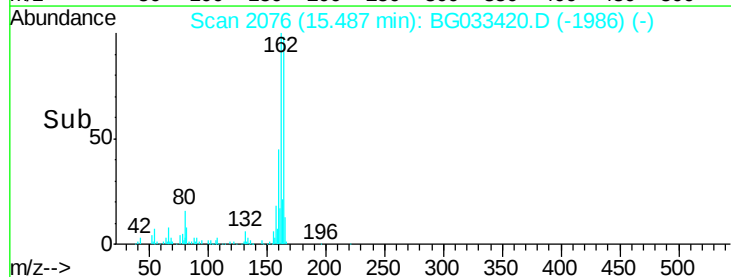
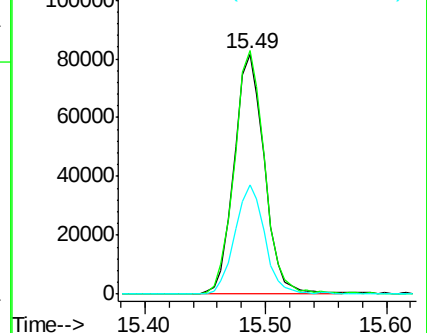
160 45.3 35.4 53.0

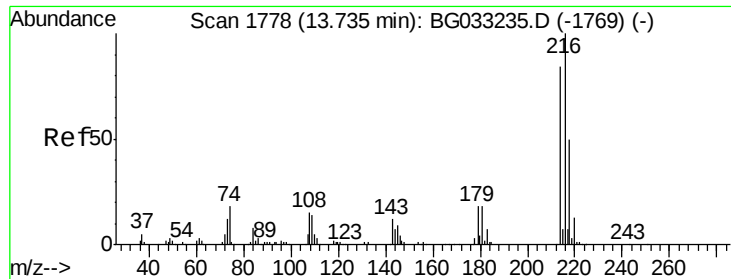


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

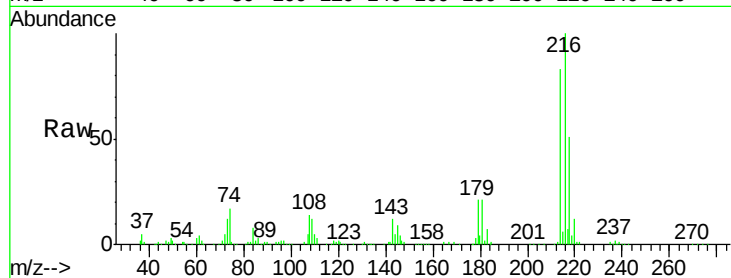




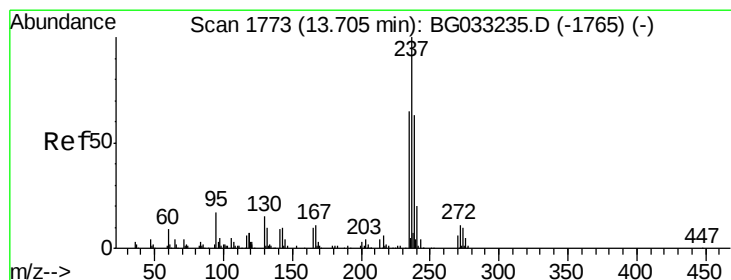
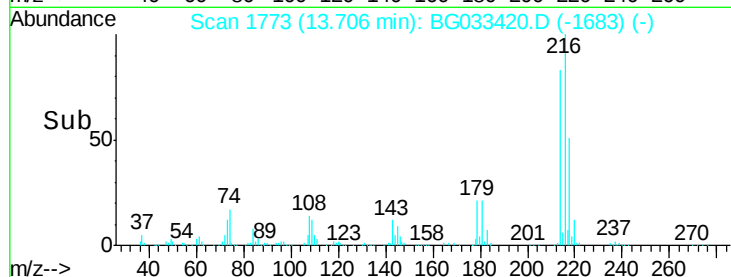
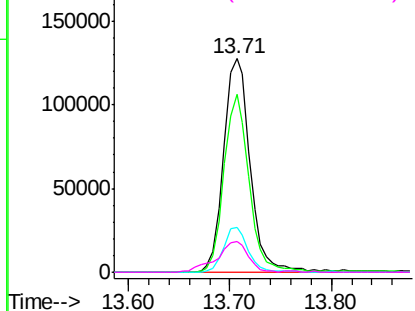
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.038 ng
 RT: 13.71 min Scan# 1773
 Delta R.T. -0.00 min
 Lab File: BG033420.D
 Acq: 29 Mar 2018 14:13

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:216	Resp:	231552
Ion Ratio	Lower	Upper
216	100	
214	79.3	63.0 94.4
179	19.9	17.0 25.6
108	17.3	12.8 19.2

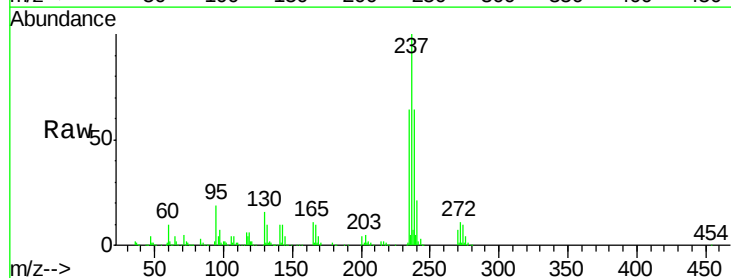


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

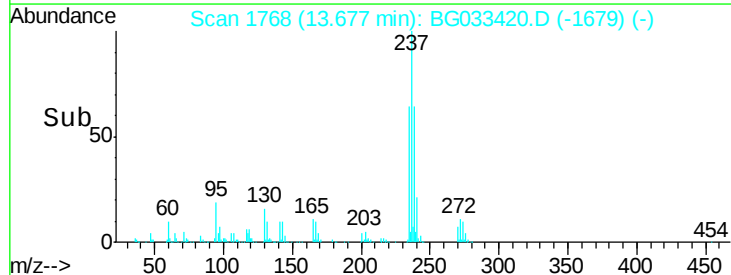
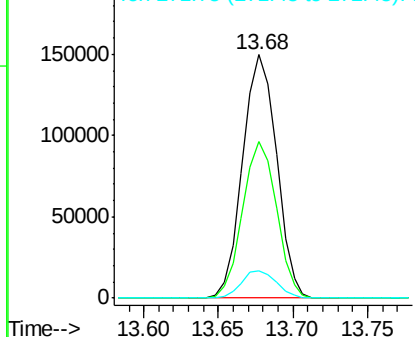


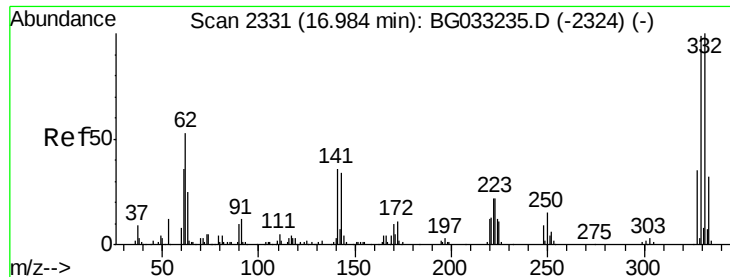
#40
 Hexachlorocyclopentadiene
 Concen: 78.403 ng
 RT: 13.68 min Scan# 1768
 Delta R.T. -0.01 min
 Lab File: BG033420.D
 Acq: 29 Mar 2018 14:13

Tgt Ion:237	Resp:	236302
Ion Ratio	Lower	Upper
237	100	
235	64.4	50.4 90.4
272	11.1	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

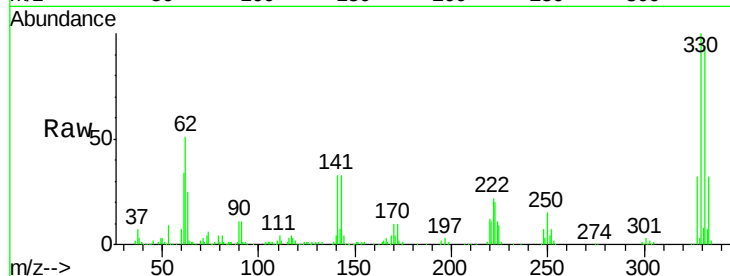




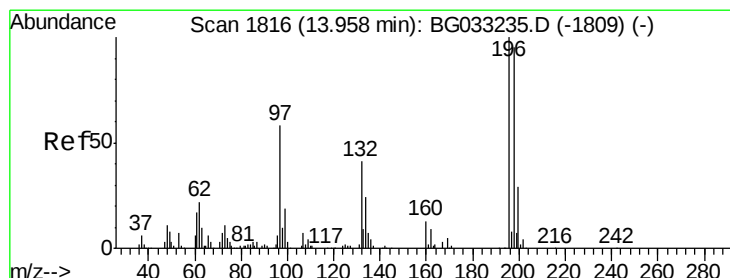
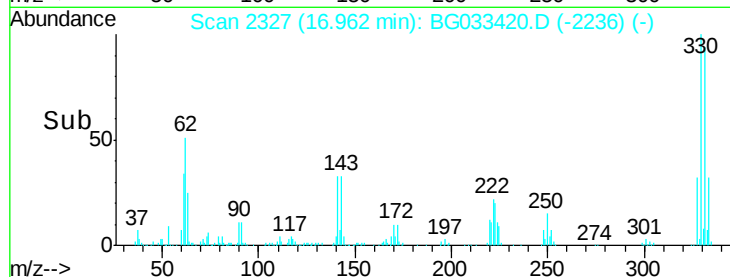
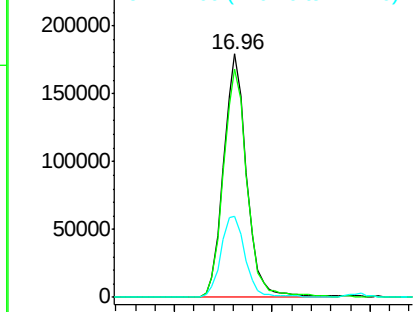
#41
 2,4,6-Tribromophenol
 Concen: 138.360 ng
 RT: 16.96 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: BG033420.D
 Acq: 29 Mar 2018 14:13

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	35.4	25.2	37.8

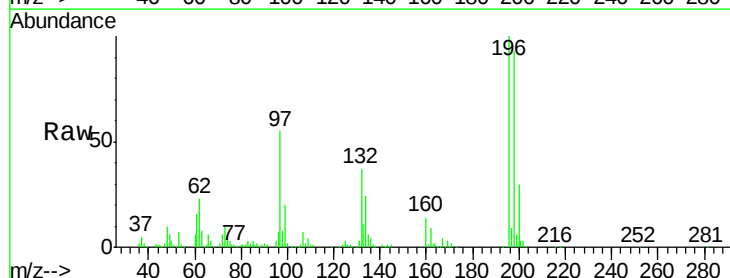


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

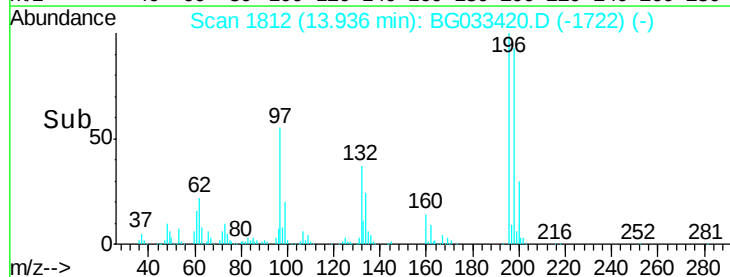
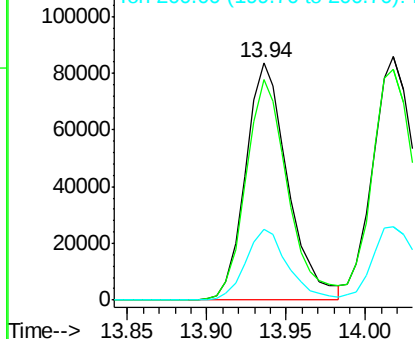


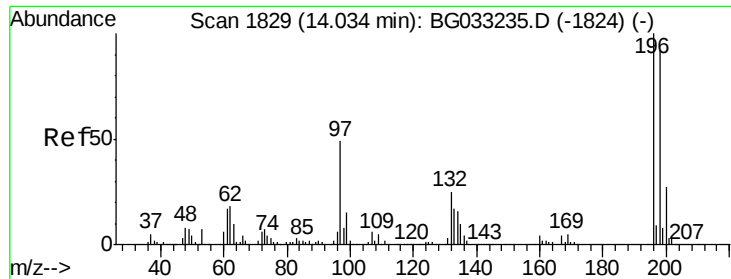
#42
 2,4,6-Trichlorophenol
 Concen: 51.883 ng
 RT: 13.94 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: BG033420.D
 Acq: 29 Mar 2018 14:13

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.9	78.2	117.2
200	29.8	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

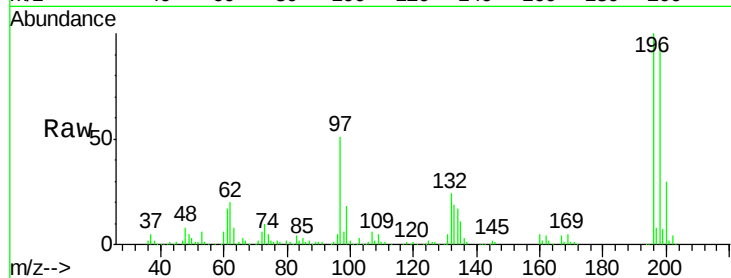




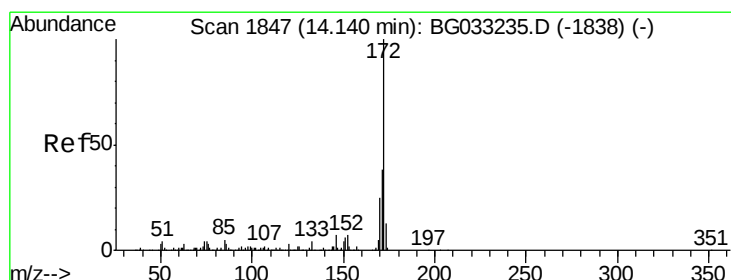
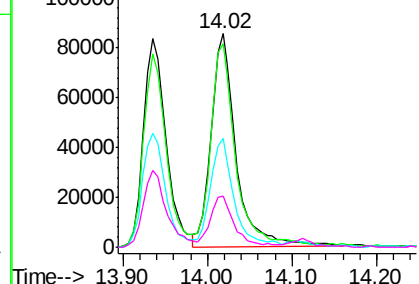
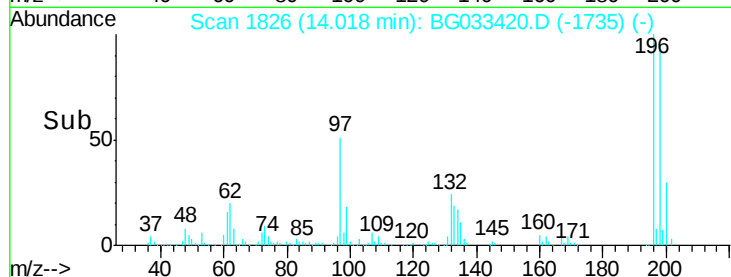
#43
2,4,5-Trichlorophenol
Concen: 49.711 ng
RT: 14.02 min Scan# 1826
Delta R.T. 0.00 min
Lab File: BG033420.D
Acq: 29 Mar 2018 14:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion:196 Resp: 175519
Ion Ratio Lower Upper
196 100
198 95.0 76.2 114.4
97 50.8 38.7 58.1
132 23.7 20.2 30.2

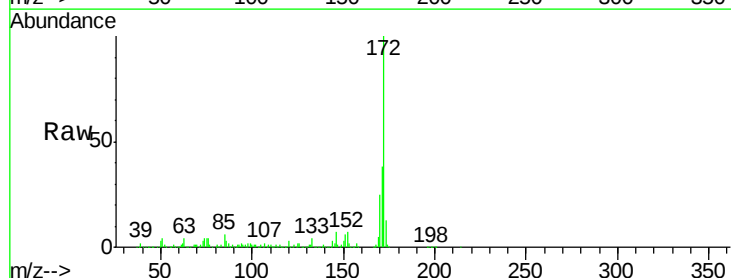


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BGC
Ion 132.00 (131.70 to 132.70): E

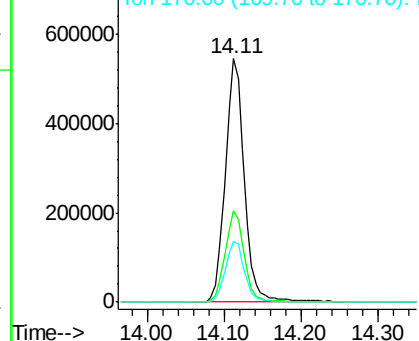
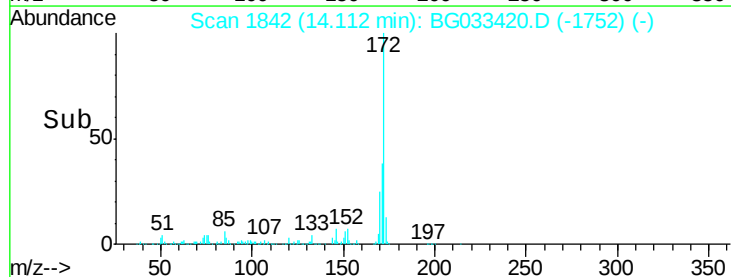


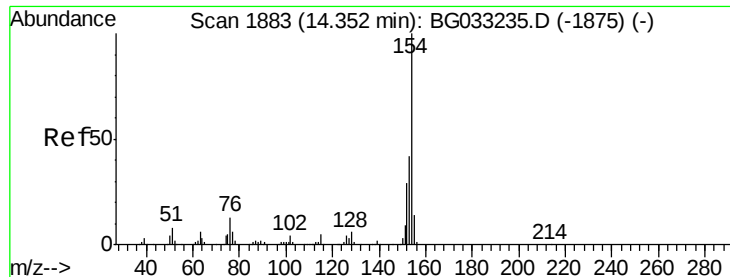
#44
2-Fluorobiphenyl
Concen: 94.793 ng
RT: 14.11 min Scan# 1842
Delta R.T. -0.00 min
Lab File: BG033420.D
Acq: 29 Mar 2018 14:13

Tgt Ion:172 Resp: 931992
Ion Ratio Lower Upper
172 100
171 37.5 30.0 45.0
170 25.1 19.5 29.3



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 44.969 ng

RT: 14.32 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BG033420.D

Acq: 29 Mar 2018 14:13

Instrument :

BNA_G

ClientSampleId :

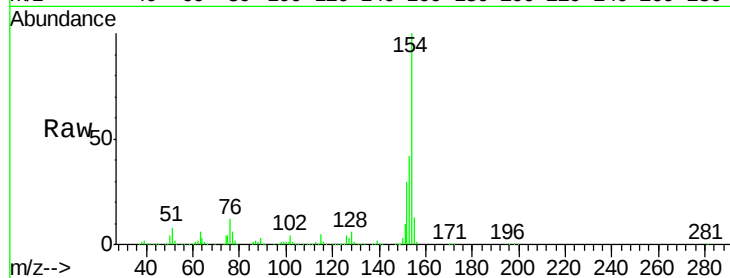
Tot Ion:154 Resp: 490373

Ion Ratio Lower Upper

154 100

153 42.0 19.8 59.8

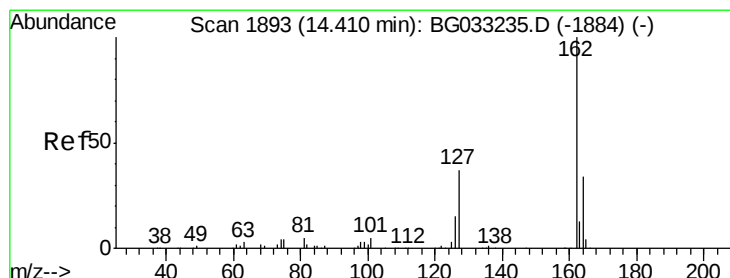
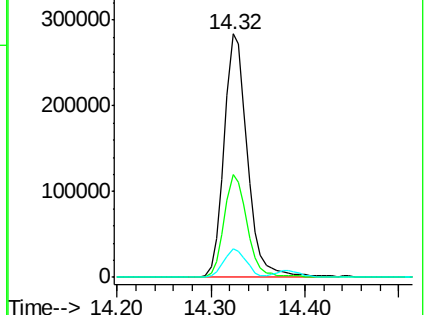
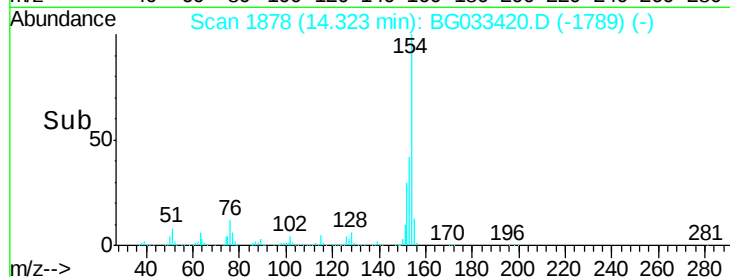
76 11.6 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 44.758 ng

RT: 14.38 min Scan# 1888

Delta R.T. -0.00 min

Lab File: BG033420.D

Acq: 29 Mar 2018 14:13

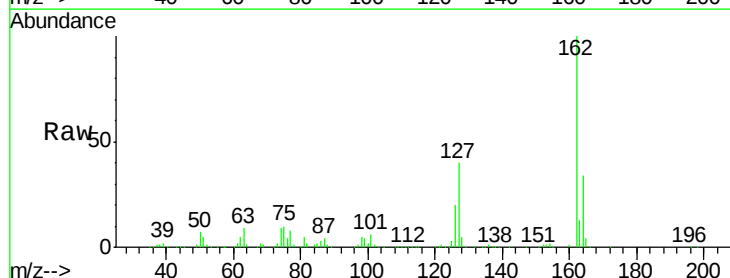
Tgt Ion:162 Resp: 376329

Ion Ratio Lower Upper

162 100

127 39.8 30.7 46.1

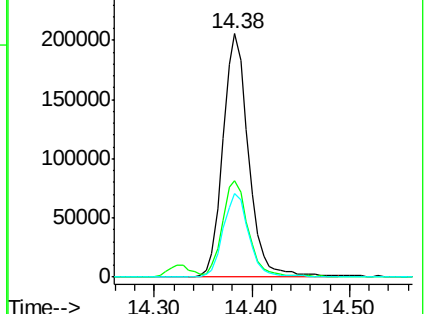
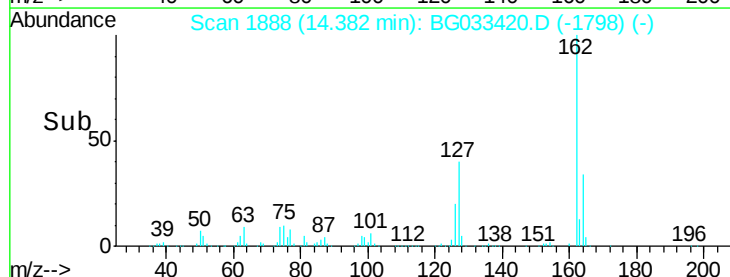
164 34.4 26.0 39.0

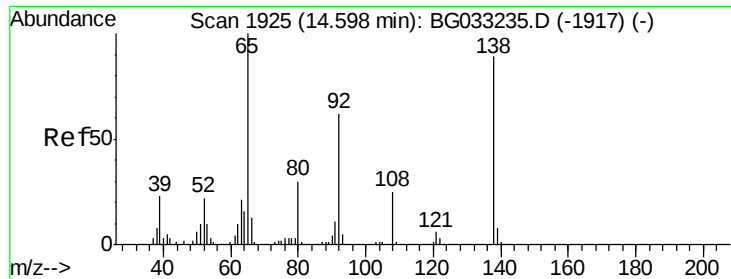


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

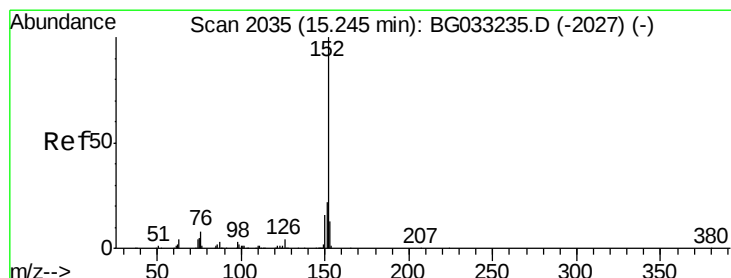
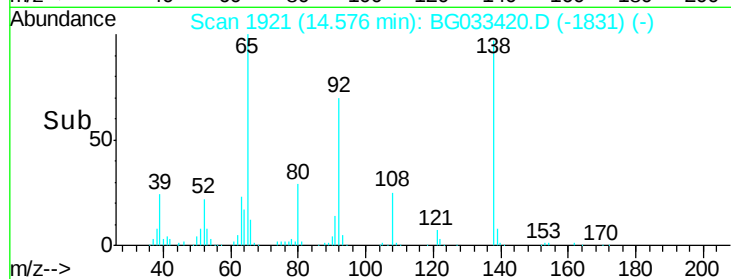
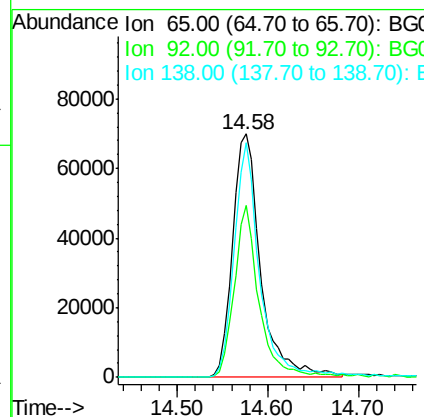
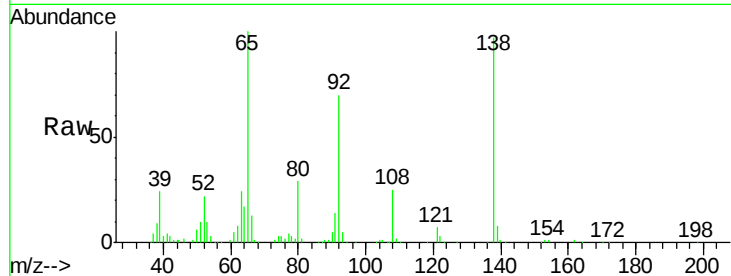




#47
2-Nitroaniline
Concen: 48.166 ng
RT: 14.58 min Scan# 1921
Delta R.T. -0.00 min
Lab File: BG033420.D
Acq: 29 Mar 2018 14:13

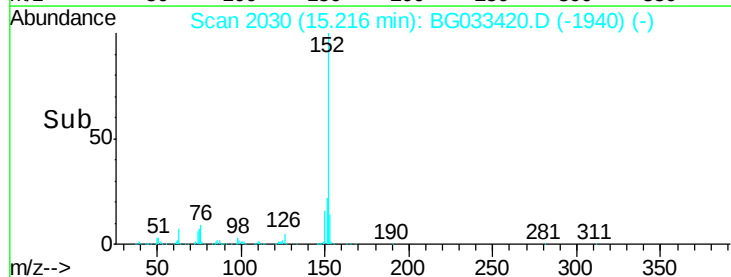
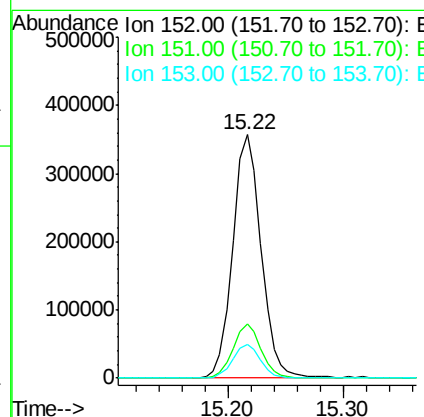
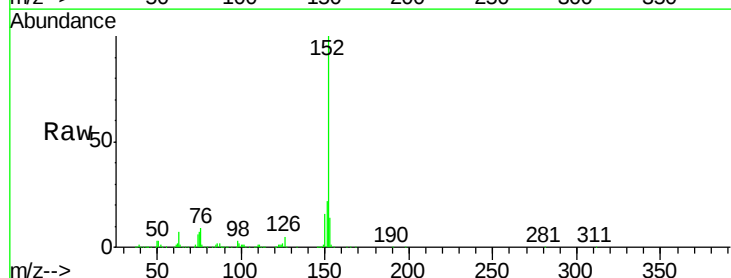
Instrument :
BNA_G
ClientSampled :

Tot Ion: 65 Resp: 151686
Ion Ratio Lower Upper
65 100
92 70.5 54.6 82.0
138 96.6 72.9 109.3



#48
Acenaphthylene
Concen: 43.250 ng
RT: 15.22 min Scan# 2030
Delta R.T. -0.00 min
Lab File: BG033420.D
Acq: 29 Mar 2018 14:13

Tgt Ion: 152 Resp: 606993
Ion Ratio Lower Upper
152 100
151 22.5 17.2 25.8
153 13.7 10.2 15.4

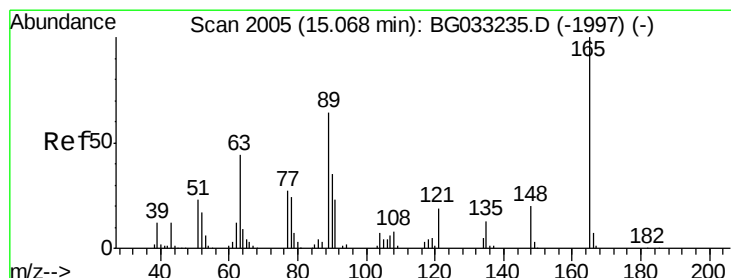
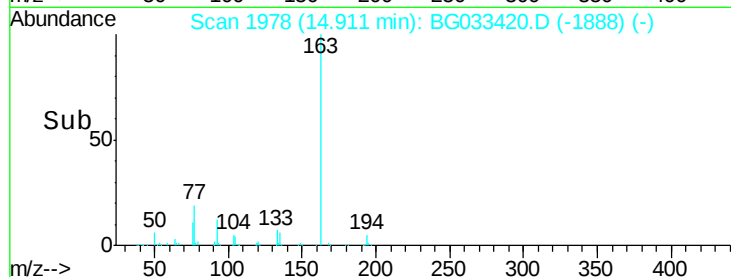
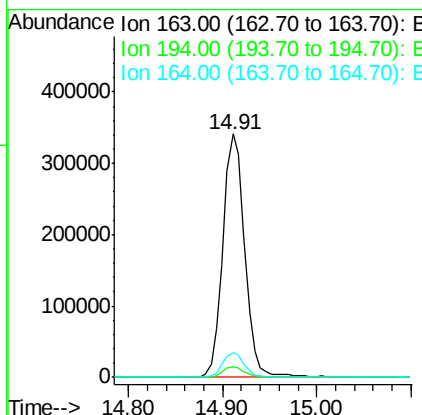
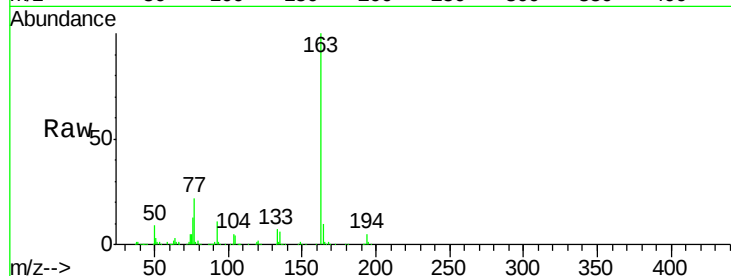




#49
Dimethylphthalate
Concen: 44.787 ng
RT: 14.91 min Scan# 1978
Delta R.T. -0.00 min
Lab File: BG033420.D
Acq: 29 Mar 2018 14:13

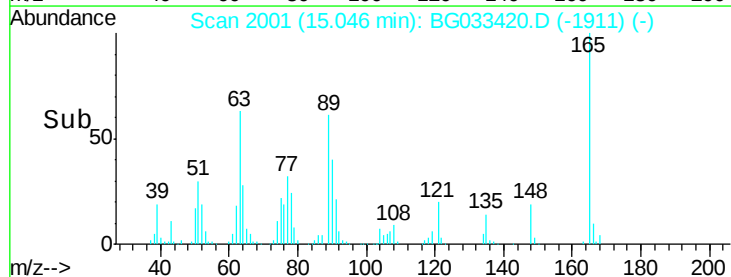
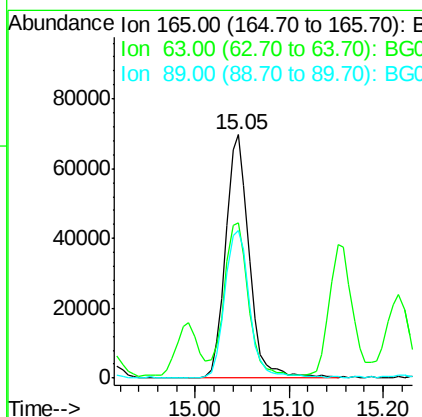
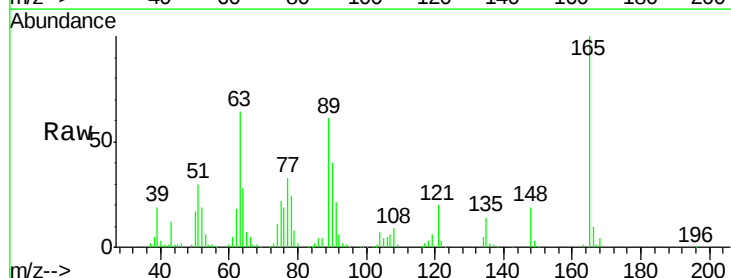
Instrument :
BNA_G
ClientSampleId :

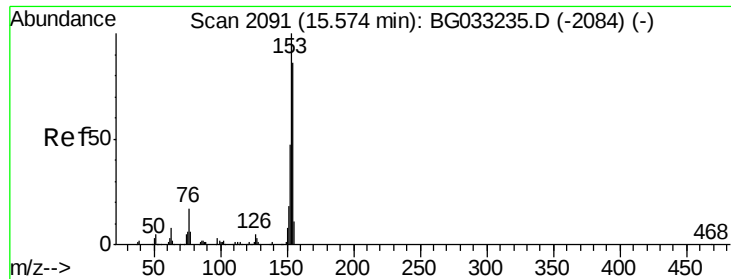
Tot Ion:163 Resp: 553216
Ion Ratio Lower Upper
163 100
194 4.5 3.4 5.2
164 10.4 8.2 12.4



#50
2,6-Dinitrotoluene
Concen: 48.150 ng
RT: 15.05 min Scan# 2001
Delta R.T. -0.00 min
Lab File: BG033420.D
Acq: 29 Mar 2018 14:13

Tgt Ion:165 Resp: 121613
Ion Ratio Lower Upper
165 100
63 63.7 52.7 79.1
89 60.6 49.2 73.8





#51

Acenaphthene

Concen: 42.306 ng

RT: 15.55 min Scan# 2087

Delta R.T. -0.00 min

Lab File: BG033420.D

Acq: 29 Mar 2018 14:13

Instrument :

BNA_G

ClientSampleId :

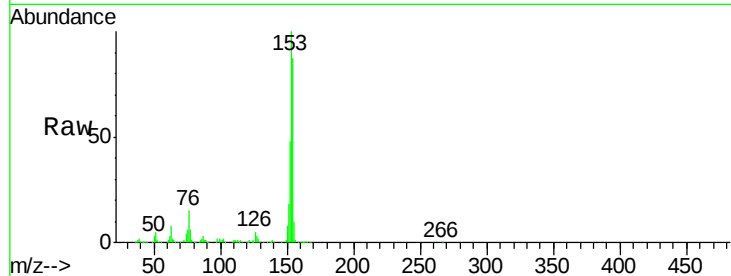
Tot Ion:154 Resp: 382755

Ion Ratio Lower Upper

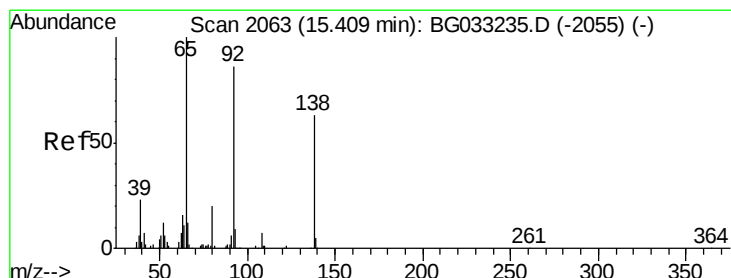
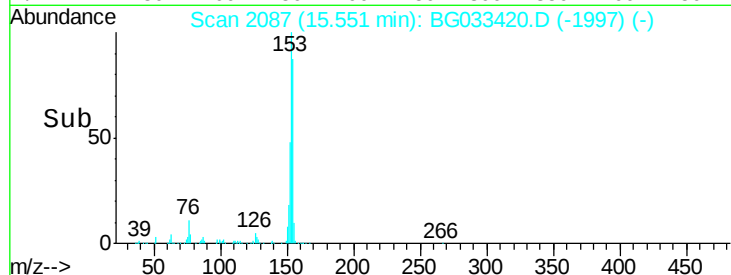
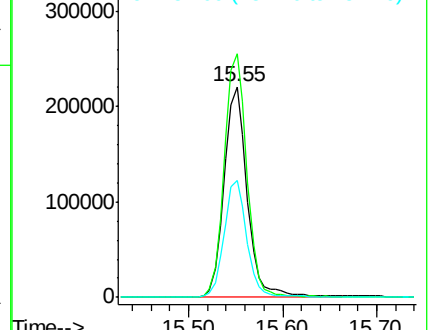
154 100

153 115.4 90.4 135.6

152 55.6 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: 9.638 ng

RT: 15.39 min Scan# 2059

Delta R.T. 0.00 min

Lab File: BG033420.D

Acq: 29 Mar 2018 14:13

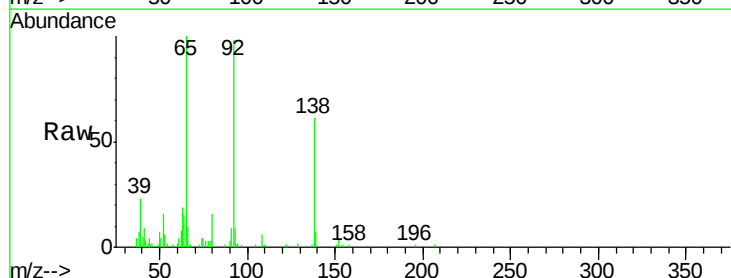
Tgt Ion:138 Resp: 25520

Ion Ratio Lower Upper

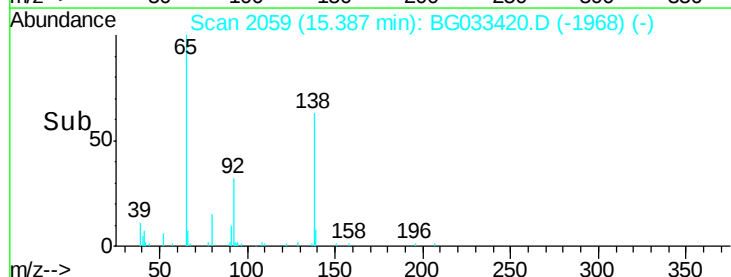
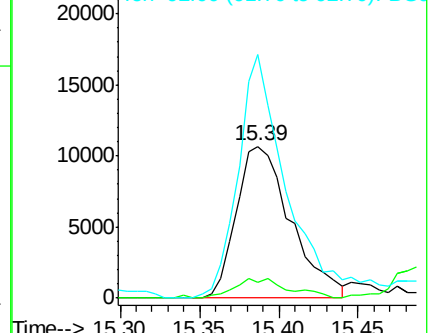
138 100

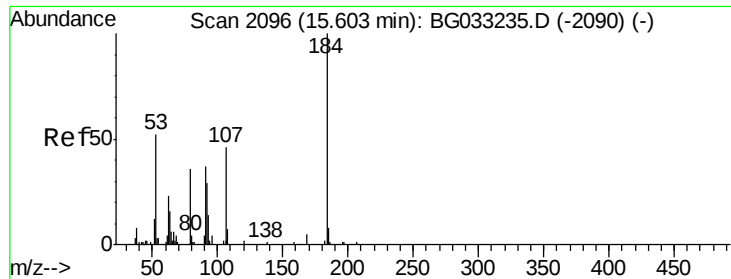
108 10.1 17.5 26.3#

92 160.2 105.8 158.8#



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

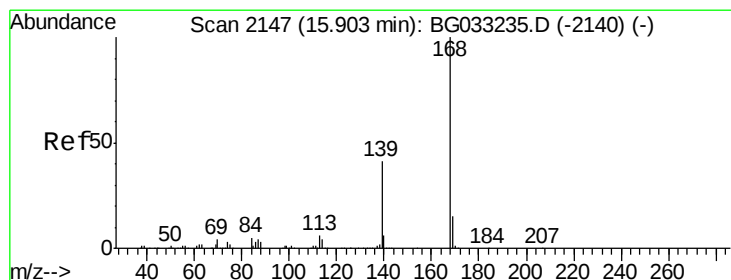
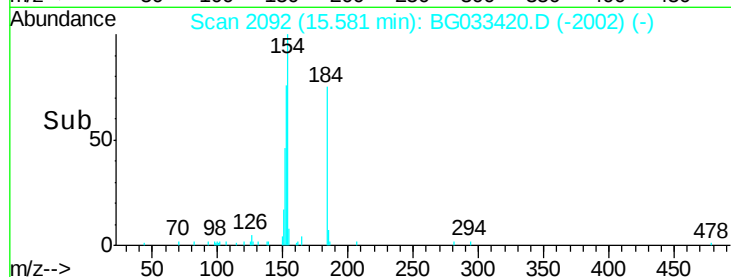
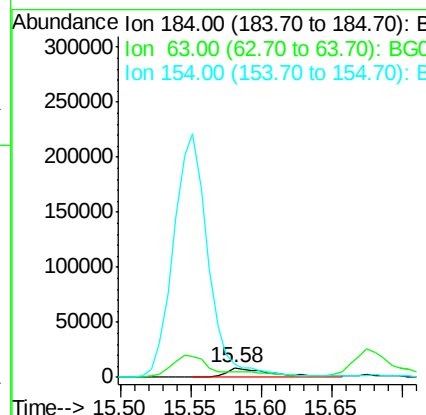
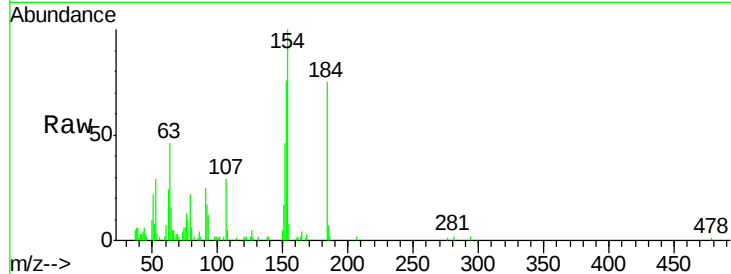




#53
2,4-Dinitrophenol
Concen: 21.387 ng
RT: 15.58 min Scan# 2092
Delta R.T. -0.00 min
Lab File: BG033420.D
Acq: 29 Mar 2018 14:13

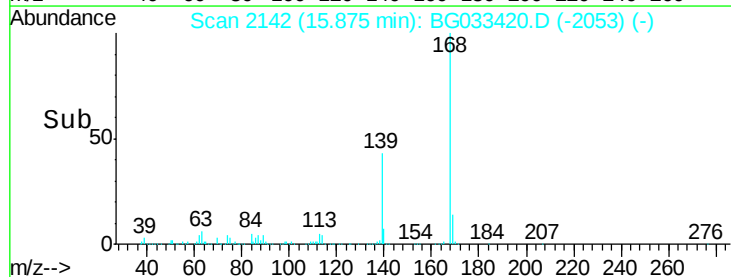
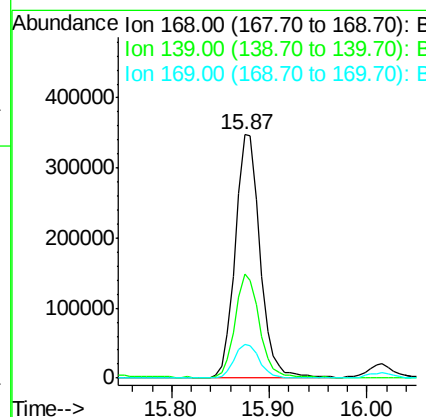
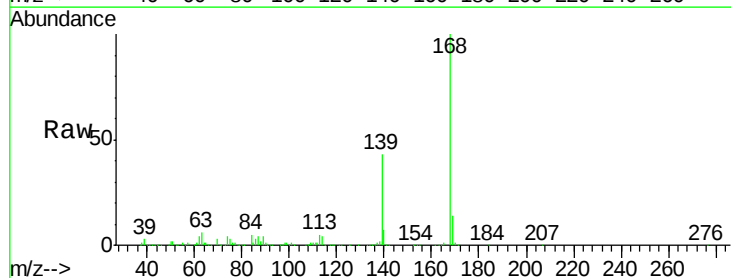
Instrument :
BNA_G
ClientSampleId :

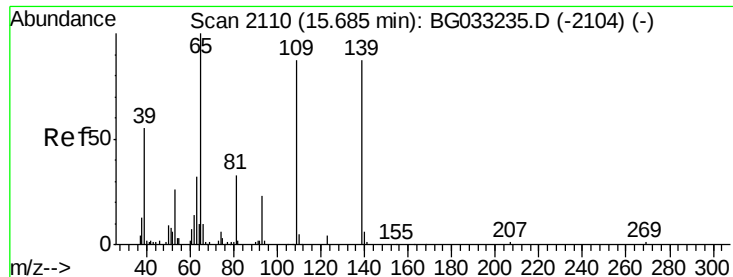
Tot Ion:184 Resp: 19876
Ion Ratio Lower Upper
184 100
63 61.3 59.8 89.8
154 133.5 101.8 152.8



#54
Dibenzofuran
Concen: 46.021 ng
RT: 15.87 min Scan# 2142
Delta R.T. -0.01 min
Lab File: BG033420.D
Acq: 29 Mar 2018 14:13

Tgt Ion:168 Resp: 615027
Ion Ratio Lower Upper
168 100
139 42.9 28.6 43.0
169 13.9 11.2 16.8

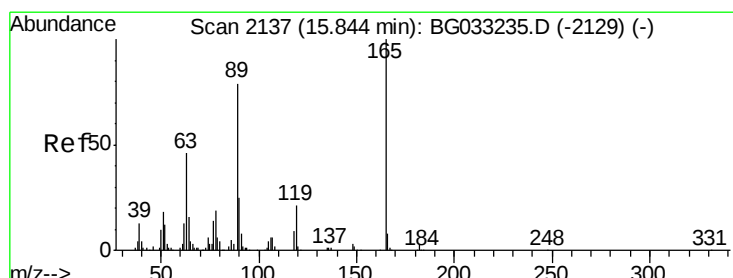
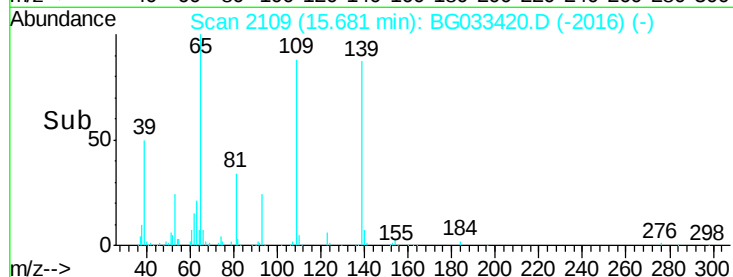
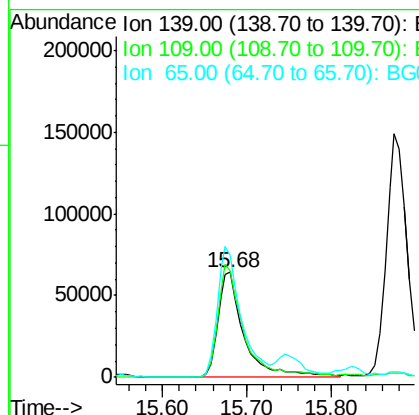
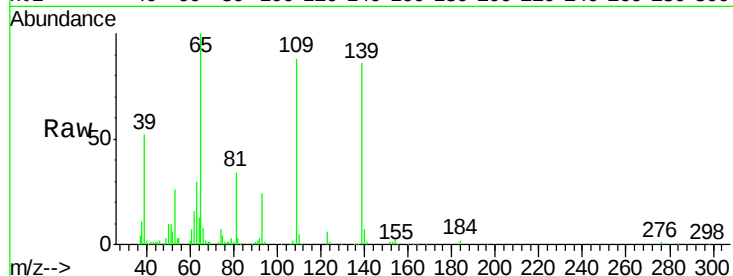




#55
4-Nitrophenol
Concen: 75.703 ng
RT: 15.68 min Scan# 2109
Delta R.T. 0.02 min
Lab File: BG033420.D
Acq: 29 Mar 2018 14:13

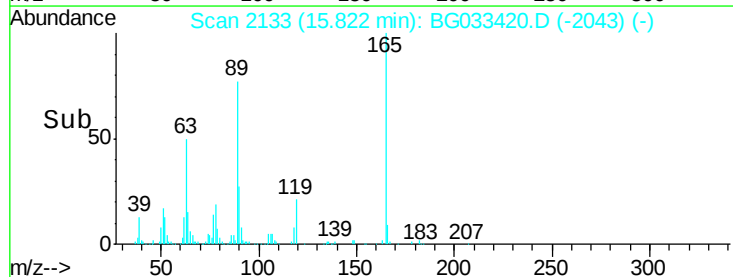
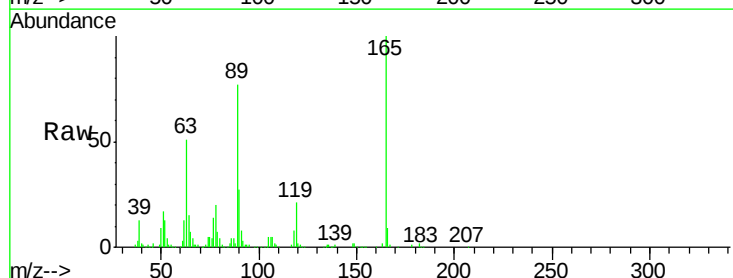
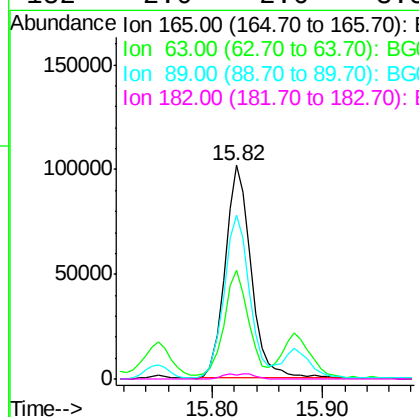
Instrument :
BNA_G
ClientSampleId :

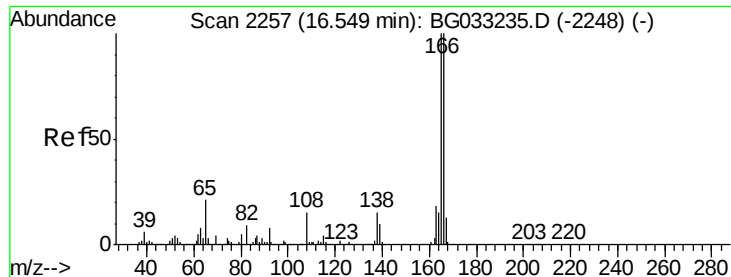
Tot Ion:139 Resp: 140957
Ion Ratio Lower Upper
139 100
109 101.9 62.2 102.2
65 116.4 97.2 137.2



#56
2,4-Dinitrotoluene
Concen: 45.071 ng
RT: 15.82 min Scan# 2133
Delta R.T. -0.00 min
Lab File: BG033420.D
Acq: 29 Mar 2018 14:13

Tgt Ion:165 Resp: 167613
Ion Ratio Lower Upper
165 100
63 51.1 42.0 63.0
89 76.9 66.9 100.3
182 2.0 2.6 3.8#





#57

Fluorene

Concen: 45.100 ng

RT: 16.52 min Scan# 2252

Delta R.T. -0.00 min

Lab File: BG033420.D

Acq: 29 Mar 2018 14:13

Instrument :

BNA_G

ClientSampleId :

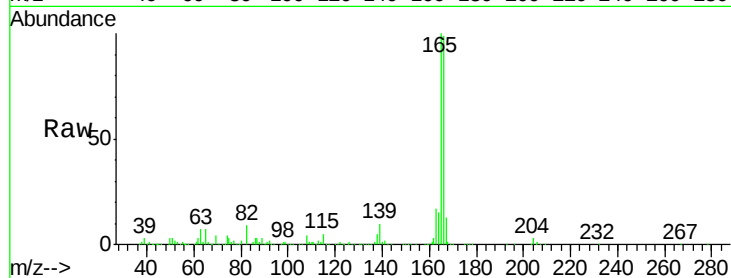
Tot Ion:166 Resp: 513463

Ion Ratio Lower Upper

166 100

165 101.2 80.6 121.0

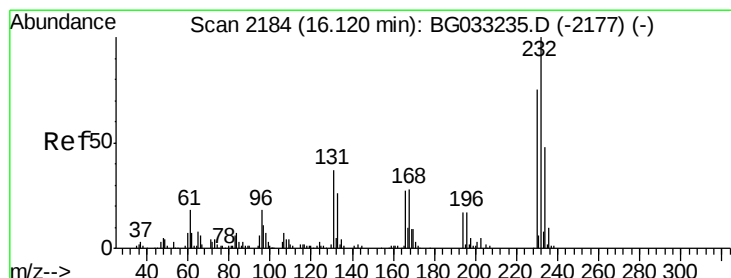
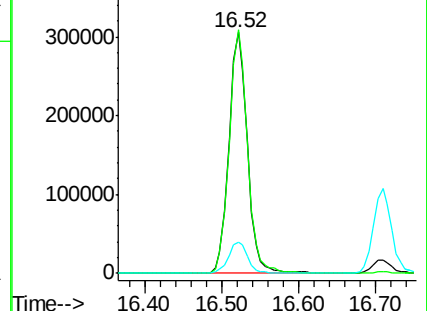
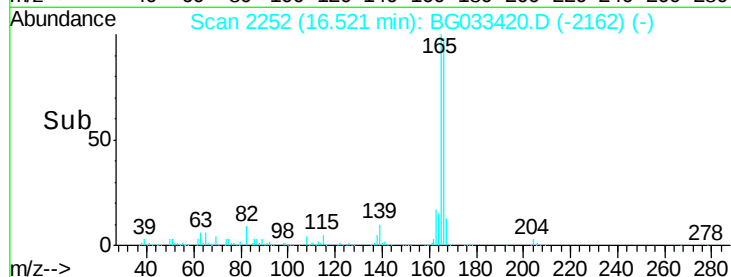
167 13.1 10.4 15.6



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: 48.622 ng

RT: 16.09 min Scan# 2179

Delta R.T. -0.00 min

Lab File: BG033420.D

Acq: 29 Mar 2018 14:13

Tgt Ion:232 Resp: 161615

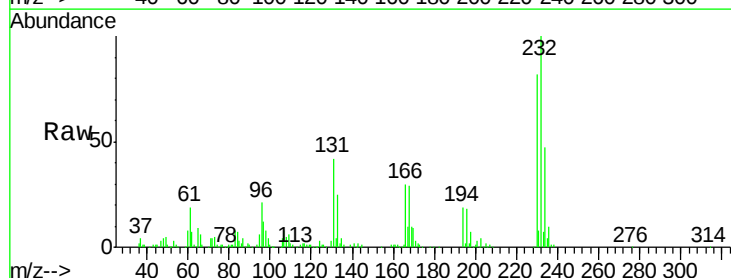
Ion Ratio Lower Upper

232 100

131 40.8 33.5 50.3

130 2.5 2.2 3.2

166 29.4 24.8 37.2

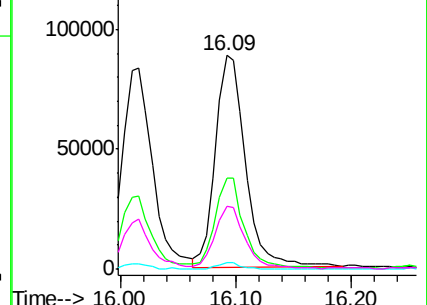
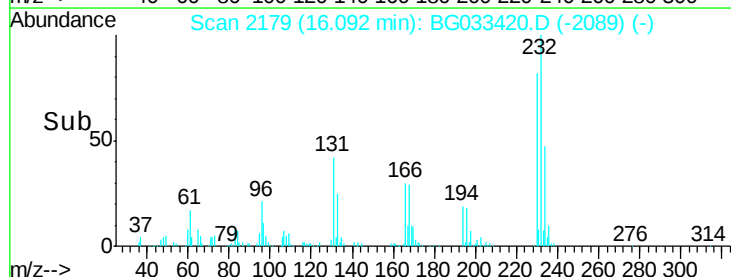


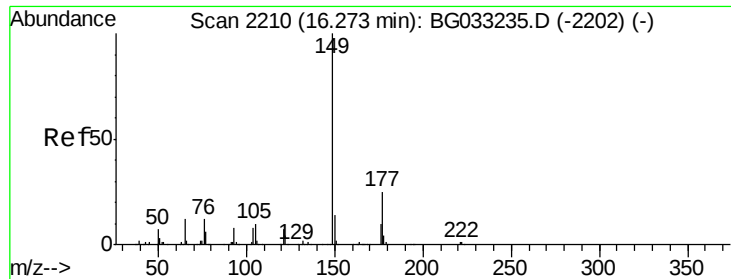
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

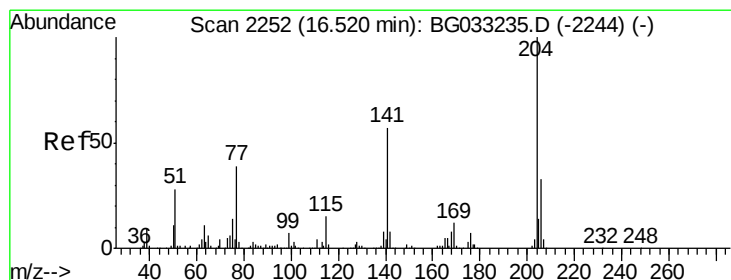
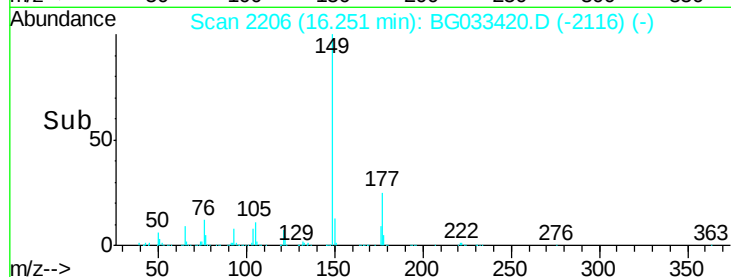
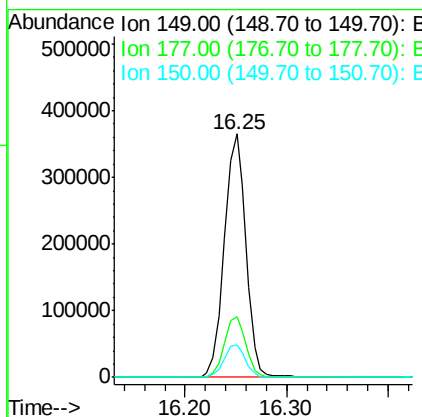
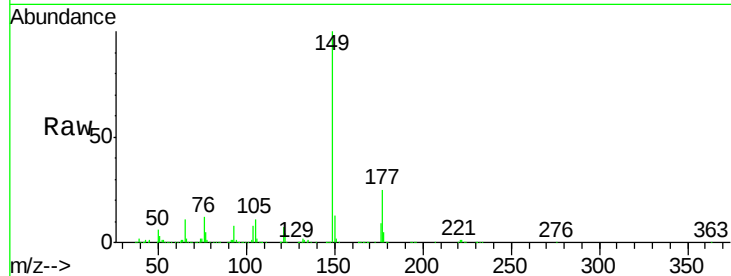




#59
Diethylphthalate
Concen: 45.021 ng
RT: 16.25 min Scan# 2206
Delta R.T. -0.00 min
Lab File: BG033420.D
Acq: 29 Mar 2018 14:13

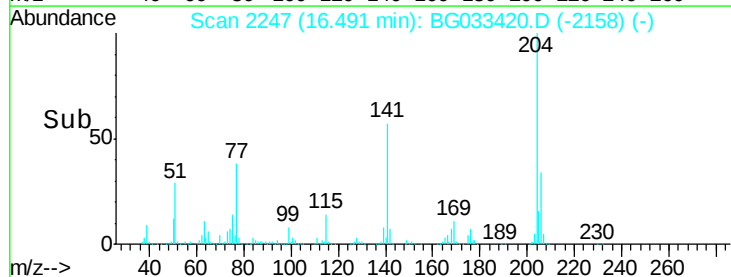
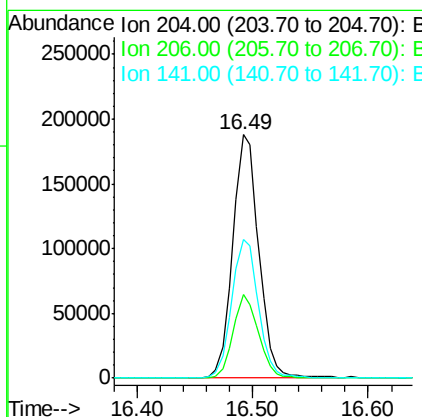
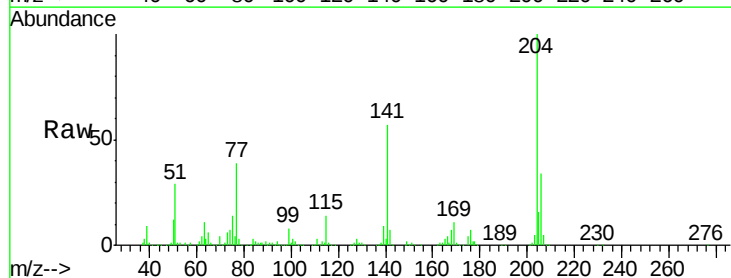
Instrument :
BNA_G
ClientSampled :

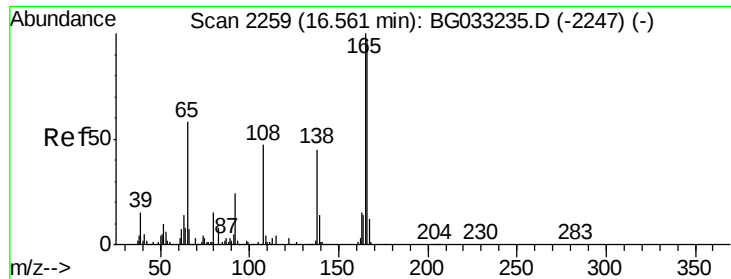
Tot Ion:149 Resp: 539999
Ion Ratio Lower Upper
149 100
177 24.9 18.5 27.7
150 13.4 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 44.852 ng
RT: 16.49 min Scan# 2247
Delta R.T. -0.01 min
Lab File: BG033420.D
Acq: 29 Mar 2018 14:13

Tgt Ion:204 Resp: 293538
Ion Ratio Lower Upper
204 100
206 34.4 26.2 39.2
141 56.9 45.8 68.6

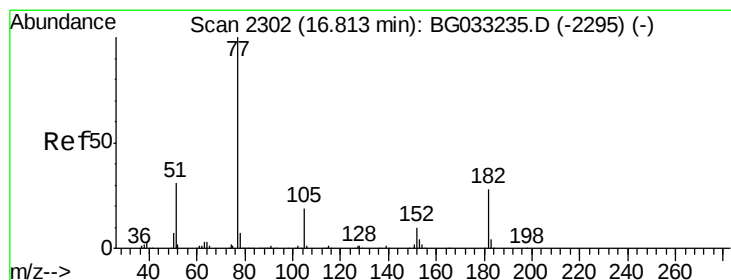
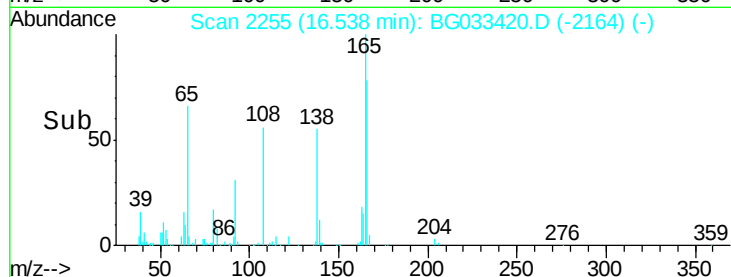
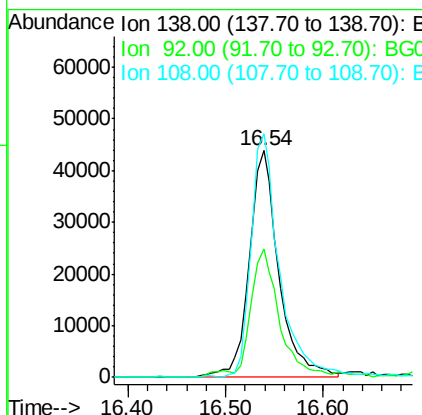
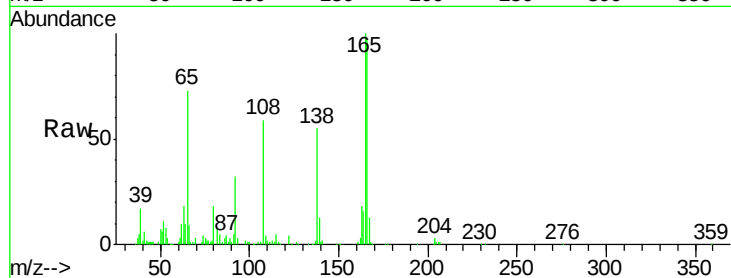




#61
4-Nitroaniline
Concen: 34.910 ng
RT: 16.54 min Scan# 2255
Delta R.T. 0.00 min
Lab File: BG033420.D
Acq: 29 Mar 2018 14:13

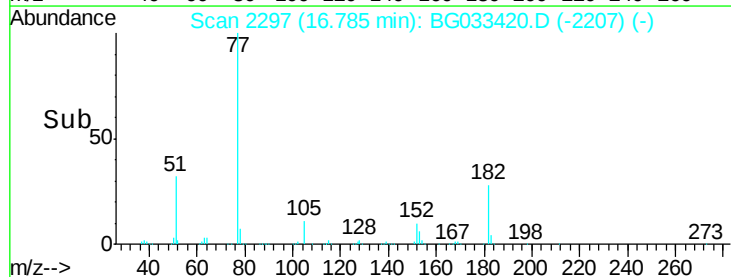
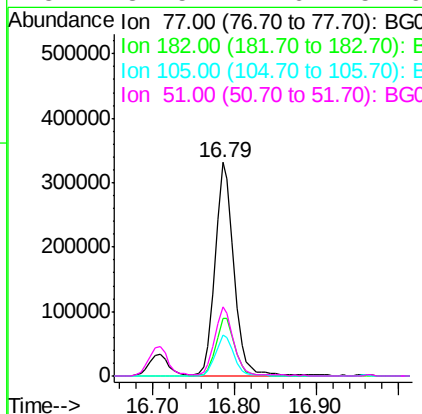
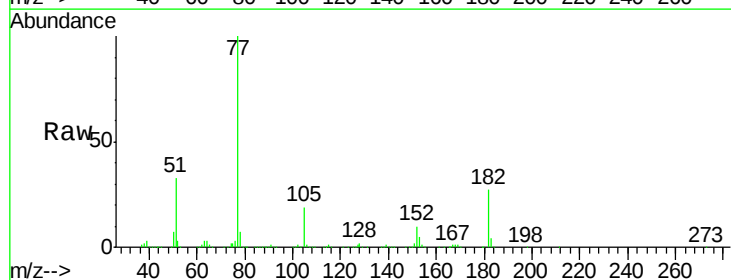
Instrument :
BNA_G
ClientSampled :

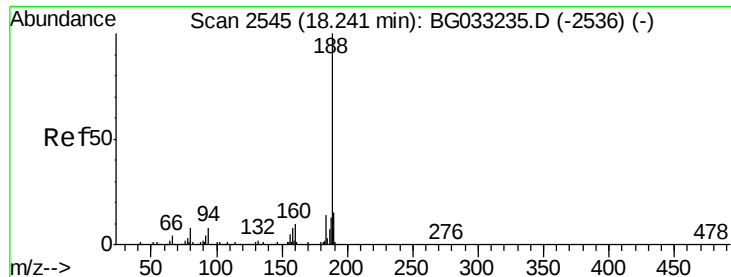
Tot Ion:138 Resp: 93610
Ion Ratio Lower Upper
138 100
92 57.0 40.1 80.1
108 107.5 65.4 105.4#



#62
Azobenzene
Concen: 45.352 ng
RT: 16.79 min Scan# 2297
Delta R.T. -0.00 min
Lab File: BG033420.D
Acq: 29 Mar 2018 14:13

Tgt Ion: 77 Resp: 526942
Ion Ratio Lower Upper
77 100
182 27.2 7.4 47.4
105 19.1 0.3 40.3
51 32.5 11.6 51.6

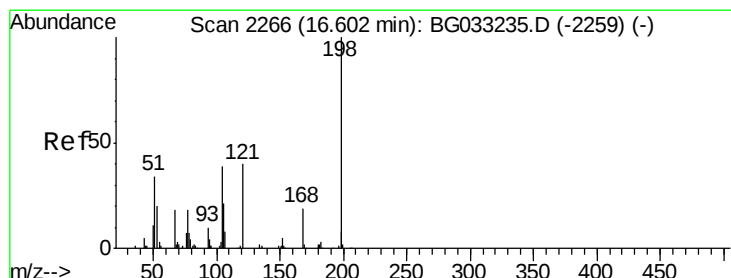
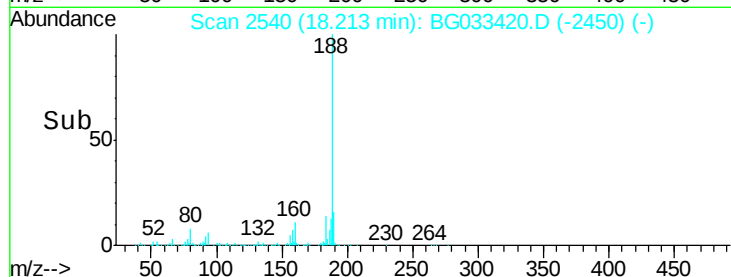
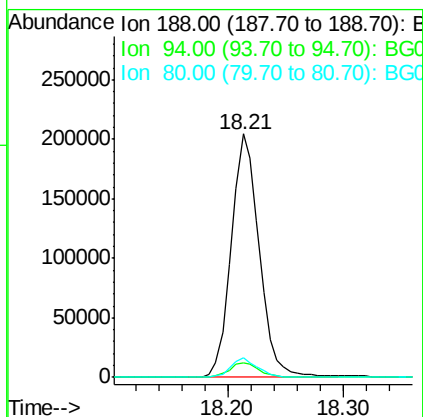
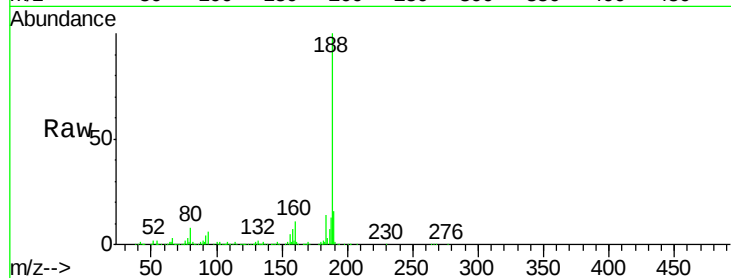




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.21 min Scan# 2540
 Delta R.T. -0.00 min
 Lab File: BG033420.D
 Acq: 29 Mar 2018 14:13

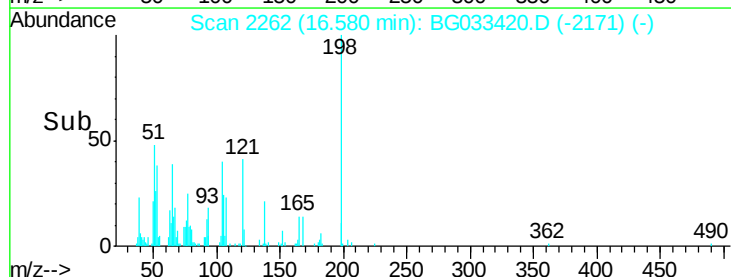
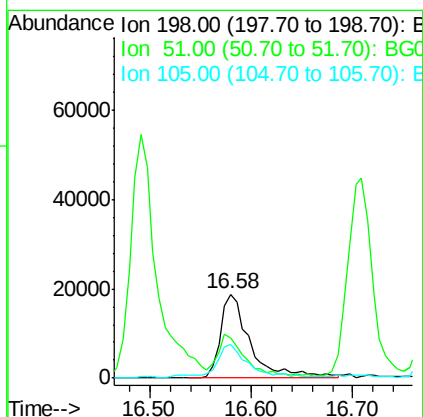
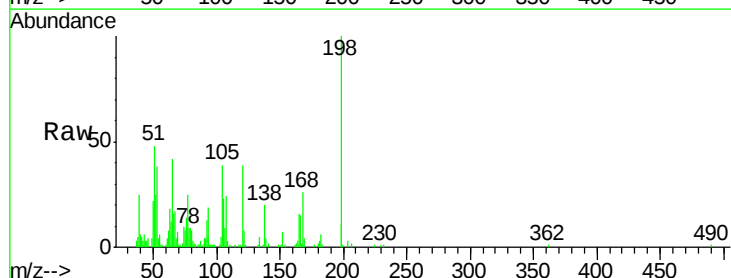
Instrument :
 BNA_G
 ClientSampleId :

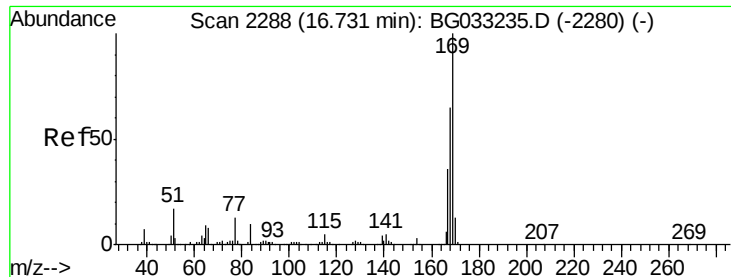
Tot Ion:188 Resp: 342272
 Ion Ratio Lower Upper
 188 100
 94 6.1 6.9 10.3#
 80 7.8 7.7 11.5



#64
 4,6-Dinitro-2-methylphenol
 Concen: 18.662 ng
 RT: 16.58 min Scan# 2262
 Delta R.T. 0.00 min
 Lab File: BG033420.D
 Acq: 29 Mar 2018 14:13

Tgt Ion:198 Resp: 38212
 Ion Ratio Lower Upper
 198 100
 51 48.2 30.6 70.6
 105 39.5 23.8 63.8





#65

n-Nitrosodiphenylamine

Concen: 48.863 ng

RT: 16.71 min Scan# 2284

Delta R.T. -0.00 min

Lab File: BG033420.D

Acq: 29 Mar 2018 14:13

Instrument :

BNA_G

ClientSampleId :

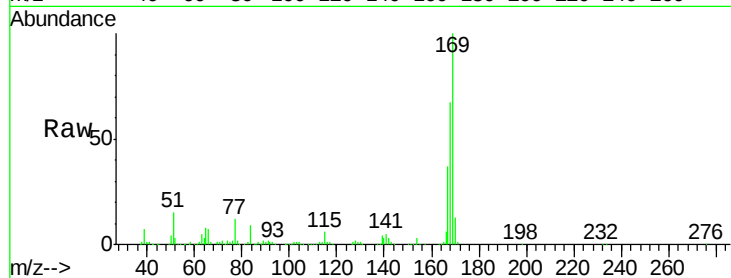
Tot Ion:169 Resp: 477462

Ion Ratio Lower Upper

169 100

168 67.2 55.7 83.5

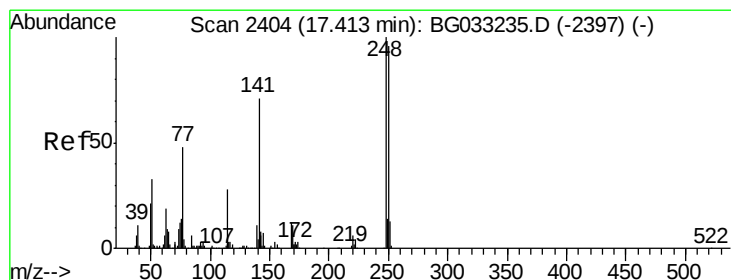
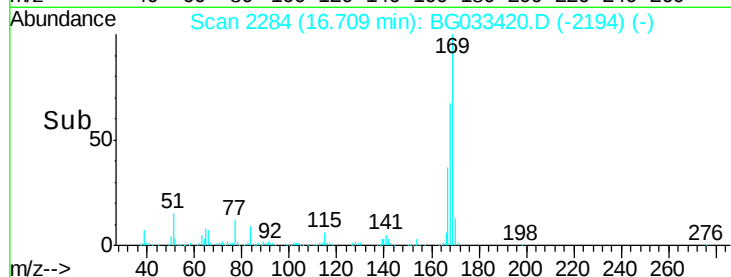
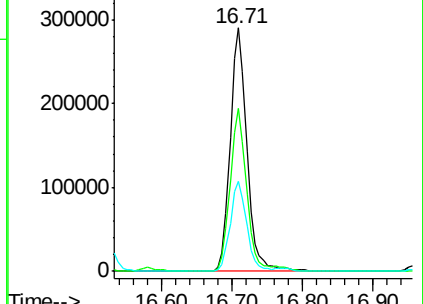
167 37.2 30.1 45.1



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 49.585 ng

RT: 17.38 min Scan# 2399

Delta R.T. -0.00 min

Lab File: BG033420.D

Acq: 29 Mar 2018 14:13

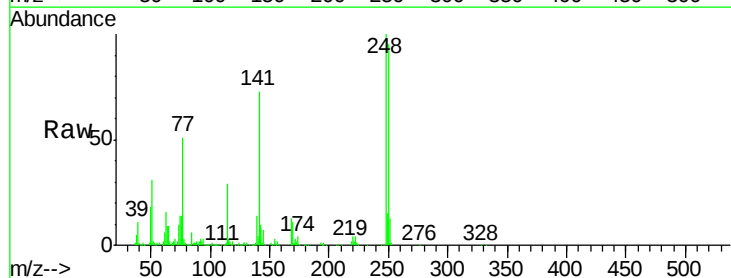
Tgt Ion:248 Resp: 199315

Ion Ratio Lower Upper

248 100

250 95.4 77.1 115.7

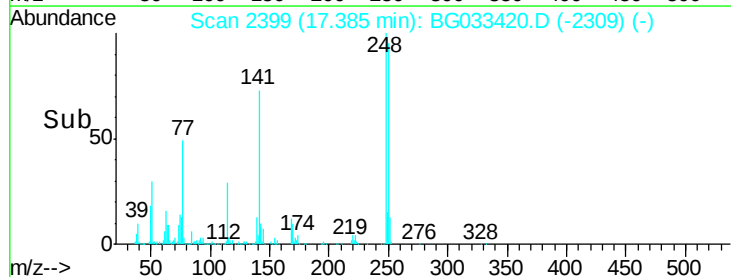
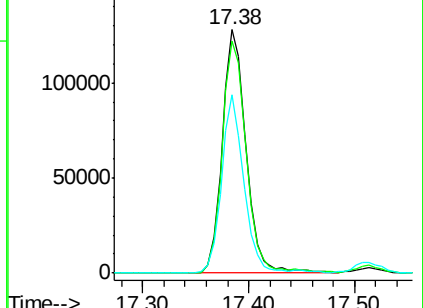
141 73.1 50.8 76.2

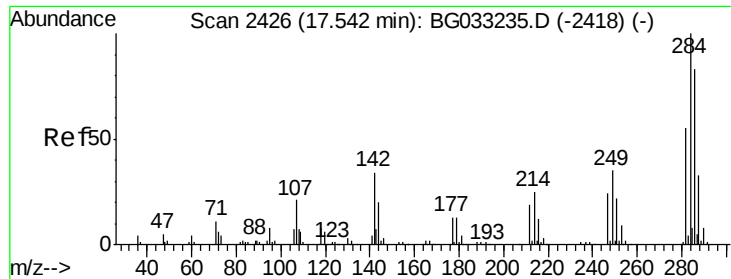


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

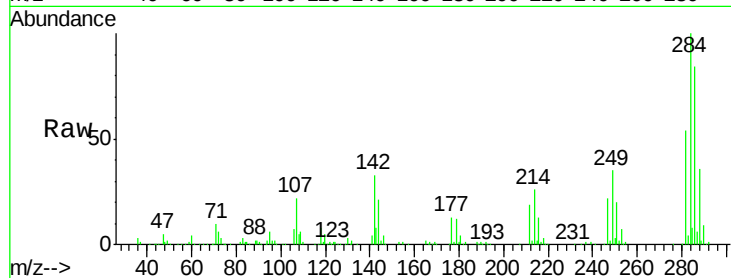




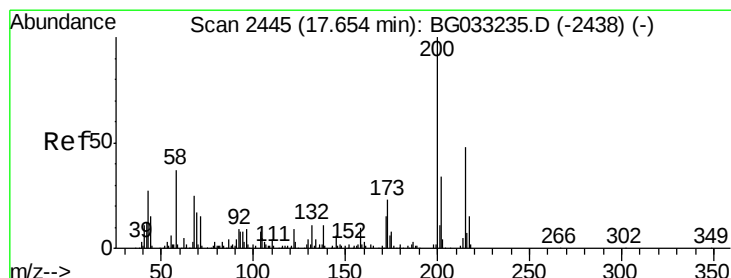
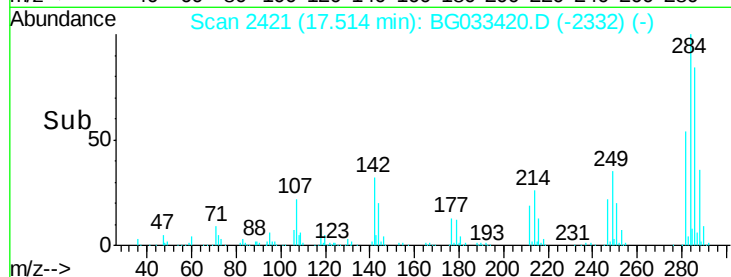
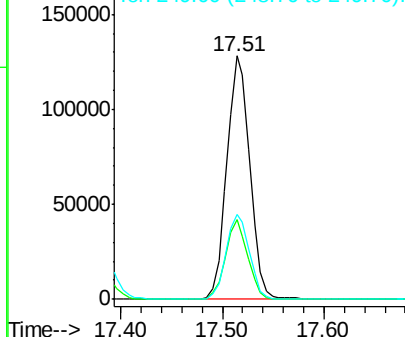
#67
Hexachlorobenzene
Concen: 47.571 ng
RT: 17.51 min Scan# 2421
Delta R.T. -0.01 min
Lab File: BG033420.D
Acq: 29 Mar 2018 14:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion:284 Resp: 201805
Ion Ratio Lower Upper
284 100
142 32.9 26.8 40.2
249 35.0 26.3 39.5

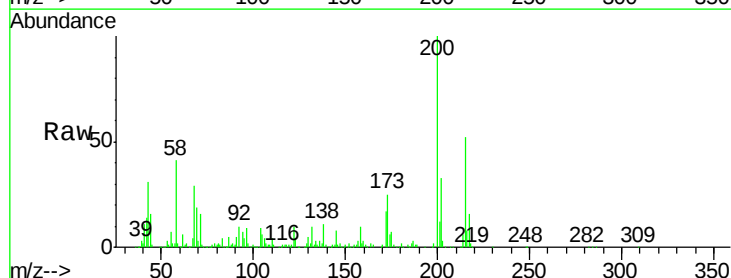


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

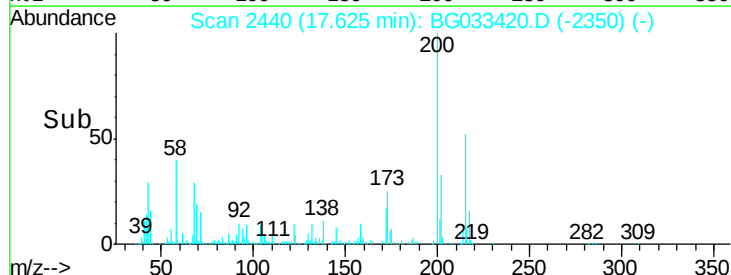
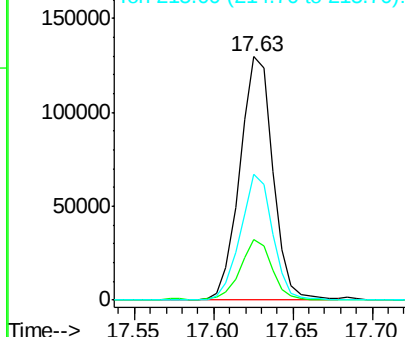


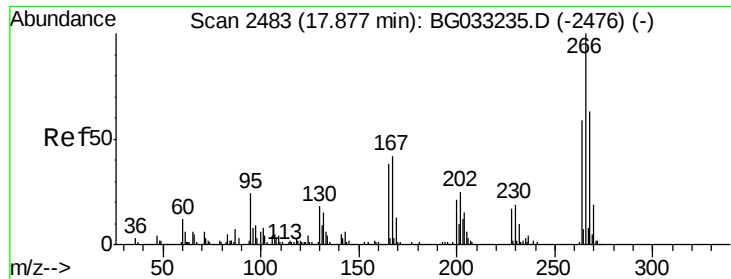
#68
Atrazine
Concen: 47.429 ng
RT: 17.63 min Scan# 2440
Delta R.T. -0.00 min
Lab File: BG033420.D
Acq: 29 Mar 2018 14:13

Tgt Ion:200 Resp: 187799
Ion Ratio Lower Upper
200 100
173 24.9 5.2 45.2
215 51.6 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

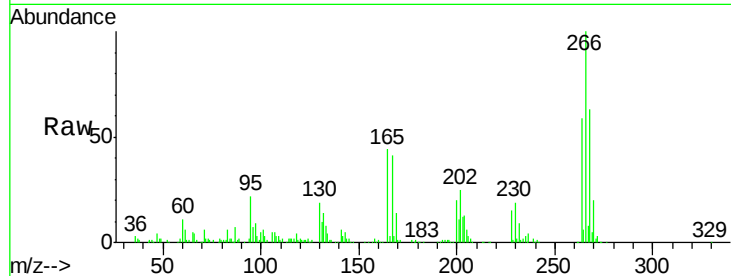




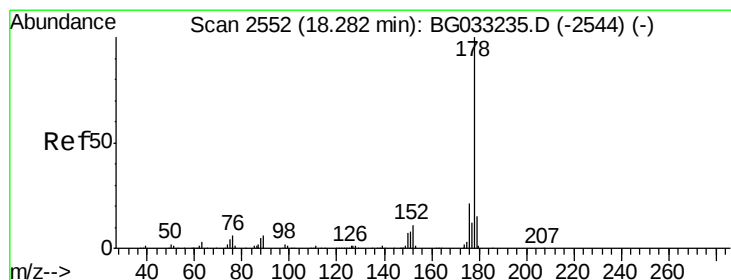
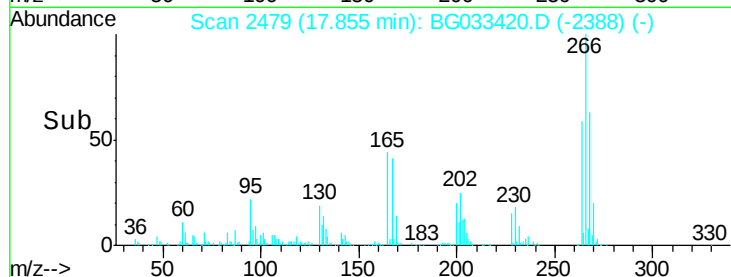
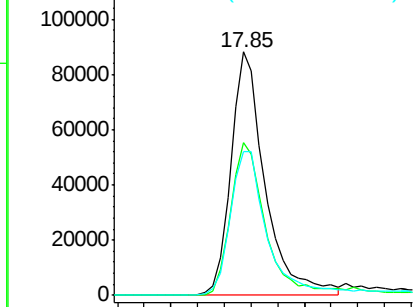
#69
 Pentachlorophenol
 Concen: 53.999 ng
 RT: 17.85 min Scan# 2479
 Delta R.T. 0.00 min
 Lab File: BG033420.D
 Acq: 29 Mar 2018 14:13

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.6	51.1	76.7
264	59.0	49.6	74.4

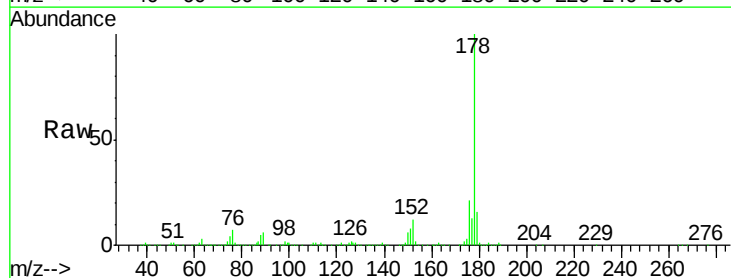


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

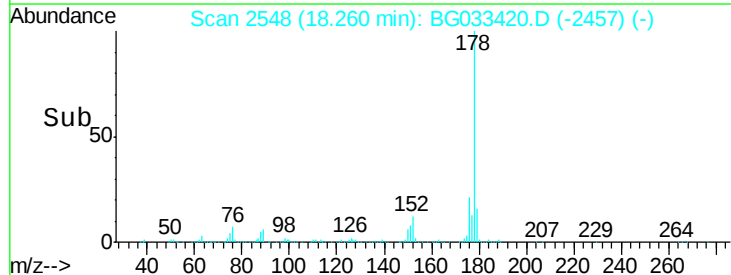
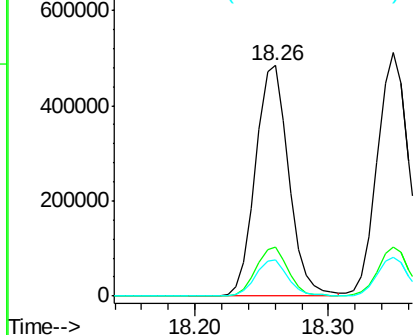


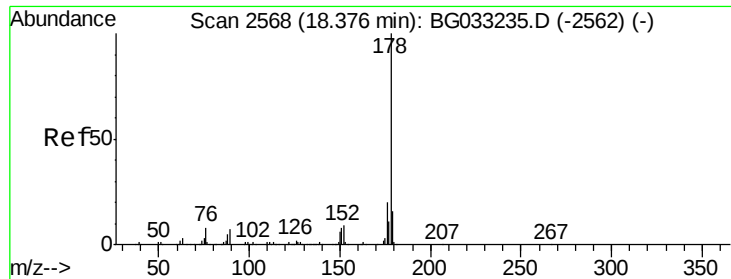
#70
 Phenanthrene
 Concen: 46.694 ng
 RT: 18.26 min Scan# 2548
 Delta R.T. 0.00 min
 Lab File: BG033420.D
 Acq: 29 Mar 2018 14:13

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.3	15.7	23.5
179	15.9	12.5	18.7



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

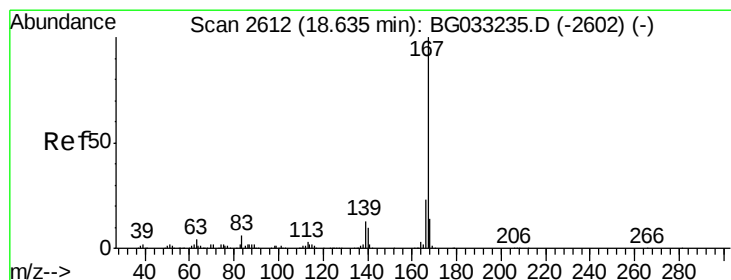
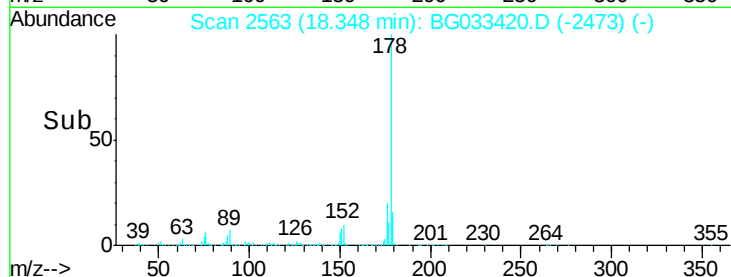
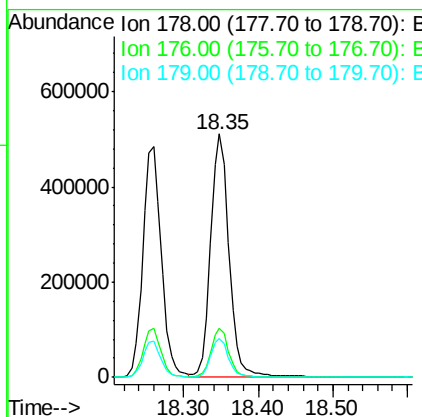
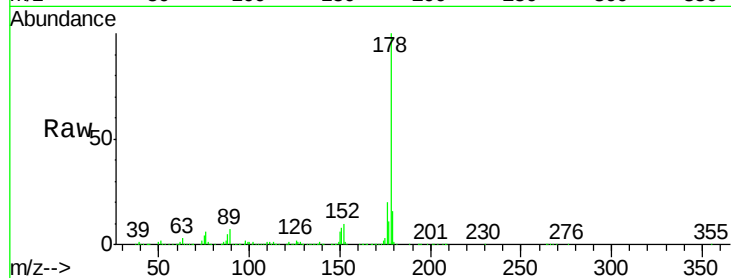




#71
 Anthracene
 Concen: 48.158 ng
 RT: 18.35 min Scan# 2563
 Delta R.T. -0.00 min
 Lab File: BG033420.D
 Acq: 29 Mar 2018 14:13

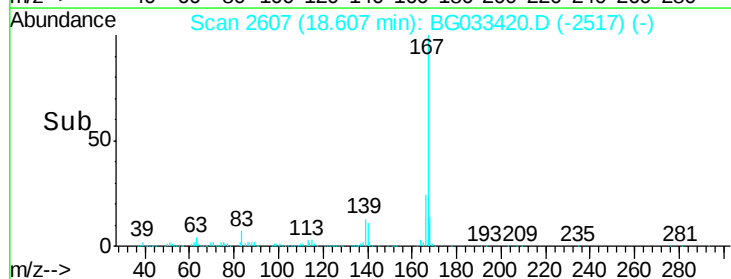
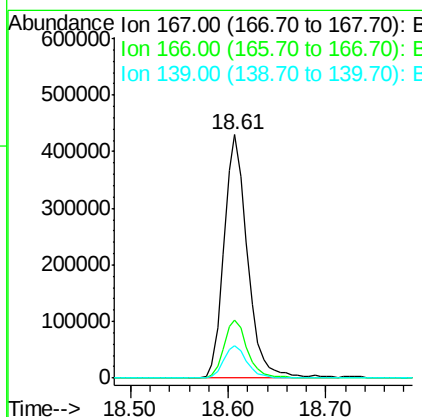
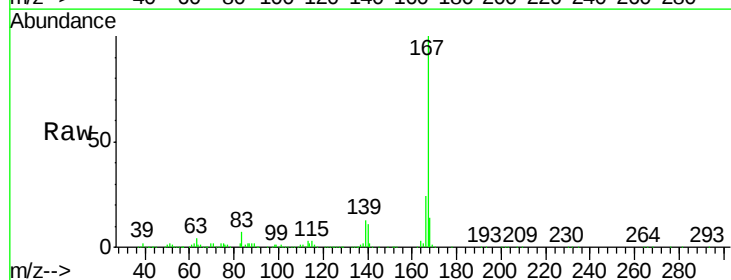
Instrument :
 BNA_G
 ClientSampleId :

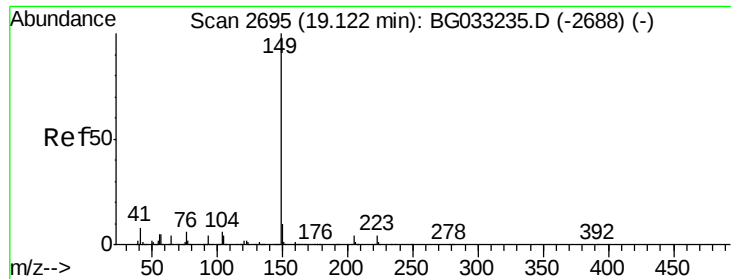
Tot Ion:178 Resp: 869201
 Ion Ratio Lower Upper
 178 100
 176 20.2 16.0 24.0
 179 15.9 12.5 18.7



#72
 Carbazole
 Concen: 44.937 ng
 RT: 18.61 min Scan# 2607
 Delta R.T. -0.00 min
 Lab File: BG033420.D
 Acq: 29 Mar 2018 14:13

Tgt Ion:167 Resp: 718713
 Ion Ratio Lower Upper
 167 100
 166 23.6 18.2 27.4
 139 13.5 9.4 14.2





#73

Di-n-butylphthalate

Concen: 46.727 ng

RT: 19.10 min Scan# 2691

Delta R.T. -0.00 min

Lab File: BG033420.D

Acq: 29 Mar 2018 14:13

Instrument :

BNA_G

ClientSampleId :

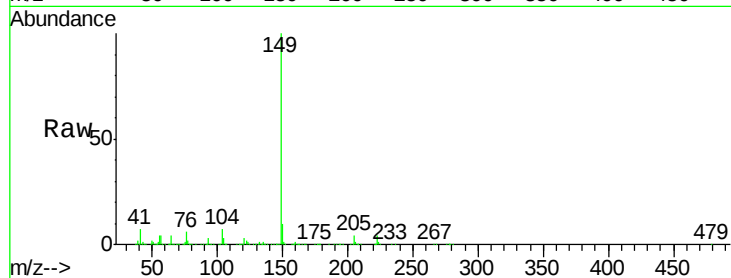
Tot Ion:149 Resp: 869867

Ion Ratio Lower Upper

149 100

150 10.0 7.8 11.6

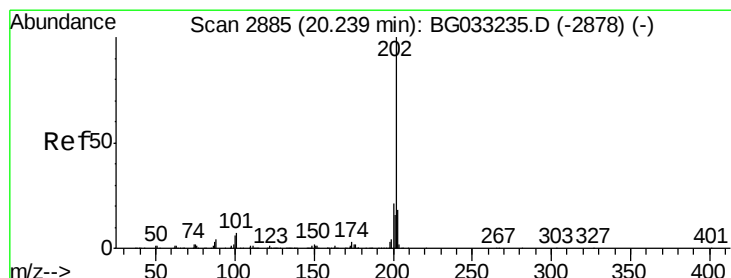
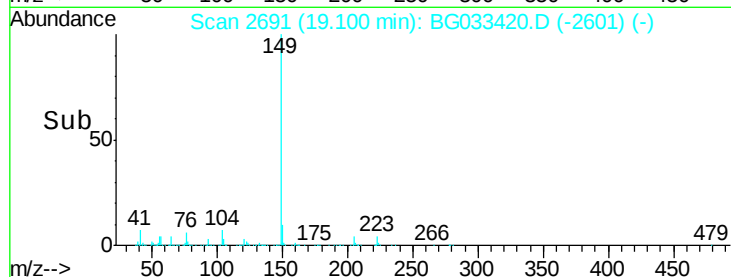
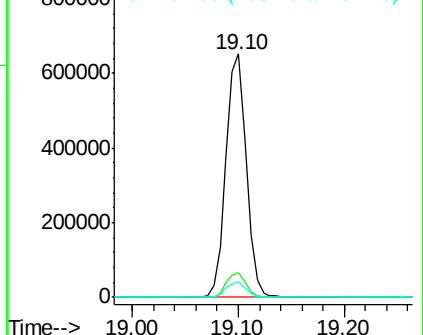
104 6.5 3.9 5.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 46.427 ng

RT: 20.21 min Scan# 2880

Delta R.T. -0.00 min

Lab File: BG033420.D

Acq: 29 Mar 2018 14:13

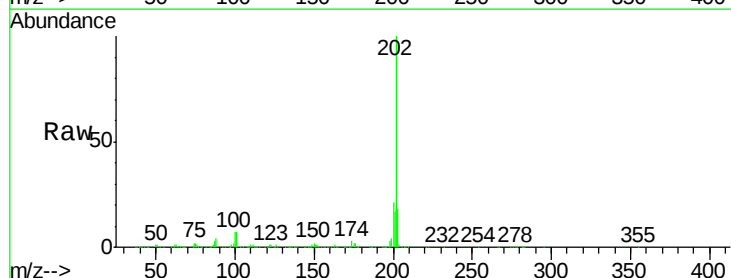
Tgt Ion:202 Resp: 1024119

Ion Ratio Lower Upper

202 100

101 7.2 0.0 28.9

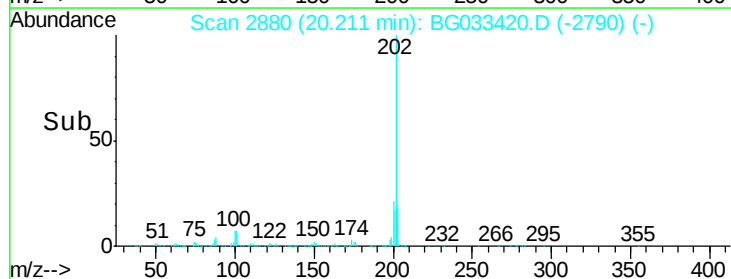
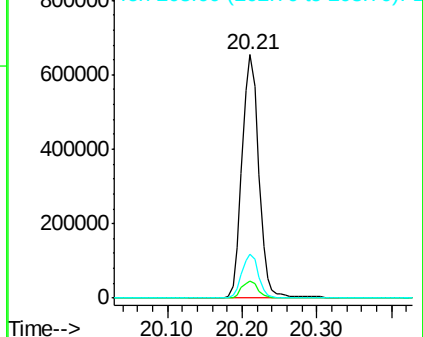
203 18.2 0.0 37.5

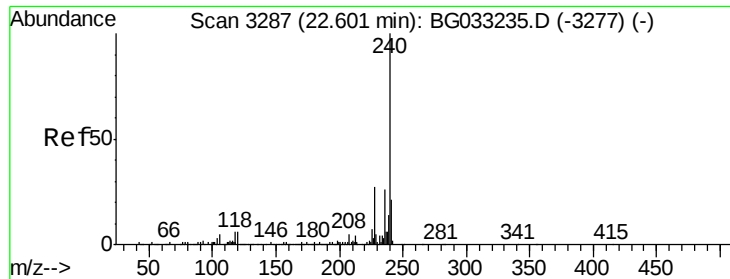


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.56 min Scan# 3280

Delta R.T. -0.00 min

Lab File: BG033420.D

Acq: 29 Mar 2018 14:13

Instrument :

BNA_G

ClientSampleId :

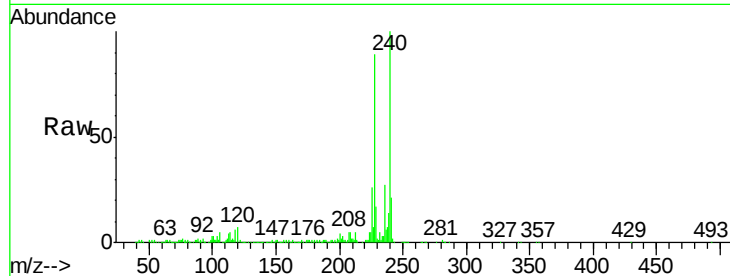
Tot Ion:240 Resp: 357231

Ion Ratio Lower Upper

240 100

120 6.6 6.8 10.2#

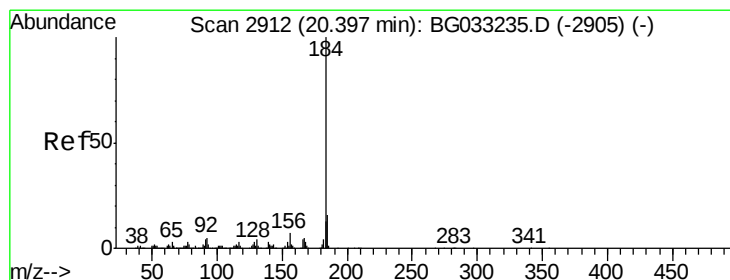
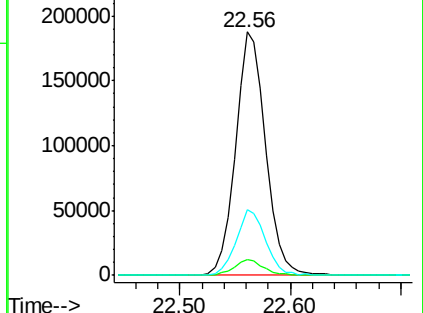
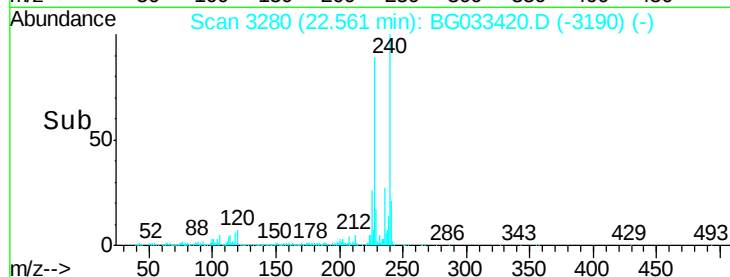
236 27.2 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 8.605 ng

RT: 20.38 min Scan# 2908

Delta R.T. 0.00 min

Lab File: BG033420.D

Acq: 29 Mar 2018 14:13

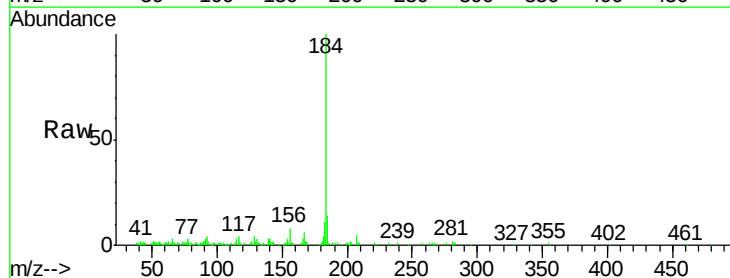
Tgt Ion:184 Resp: 83366

Ion Ratio Lower Upper

184 100

185 13.7 11.1 16.7

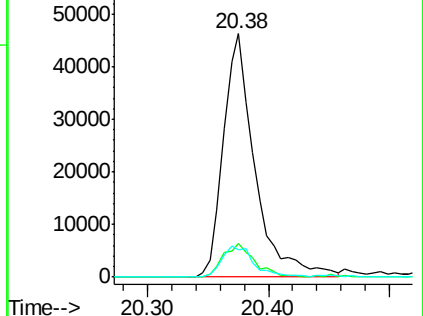
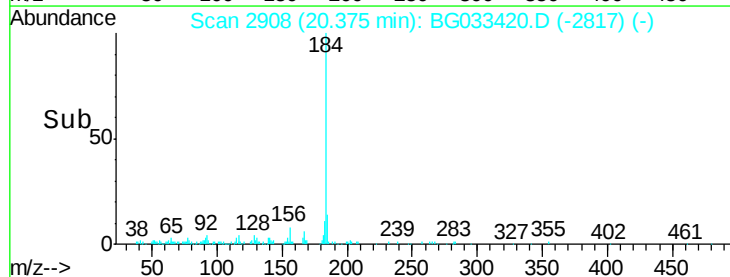
183 11.4 10.6 16.0

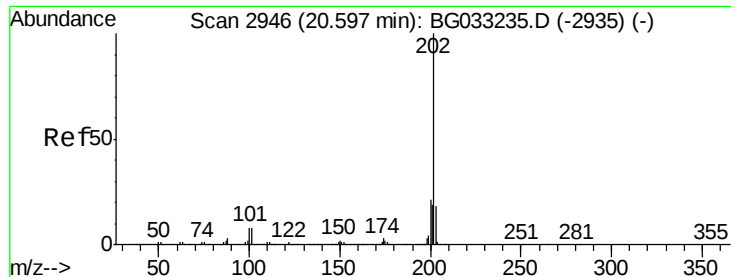


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

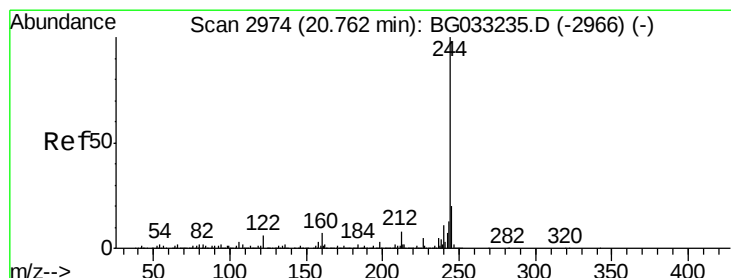
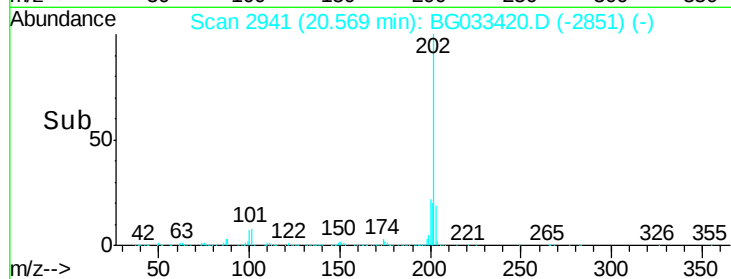
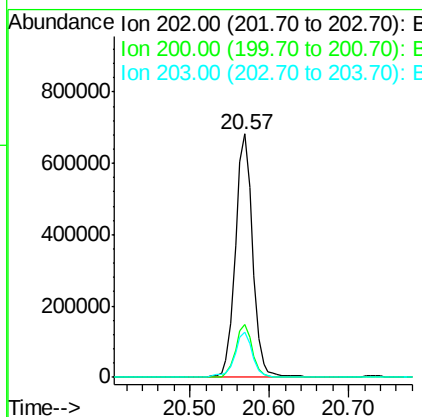
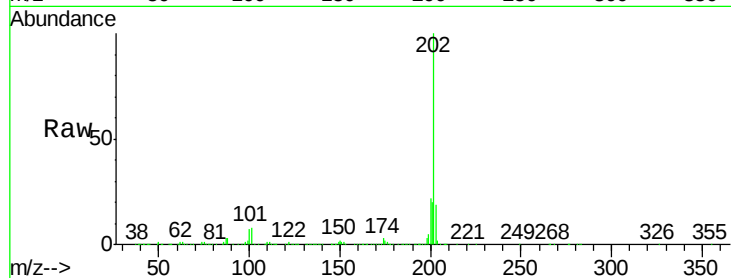




#77
Pvrene
Concen: 43.086 ng
RT: 20.57 min Scan# 2941
Delta R.T. -0.00 min
Lab File: BG033420.D
Acq: 29 Mar 2018 14:13

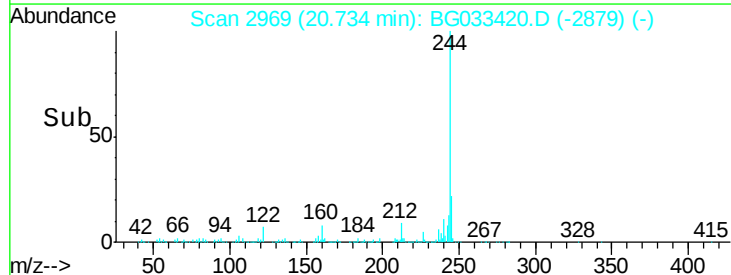
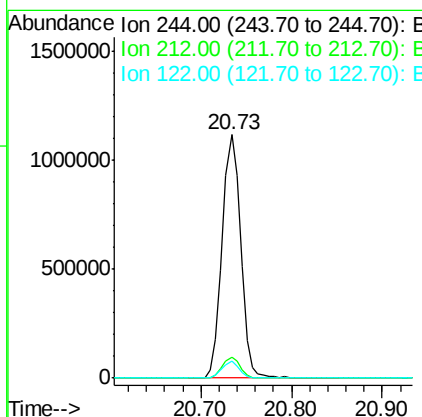
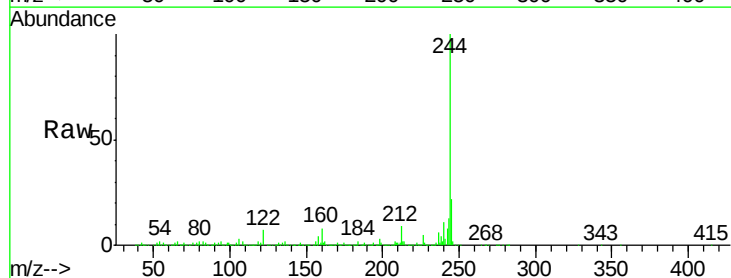
Instrument :
BNA_G
ClientSampleId :

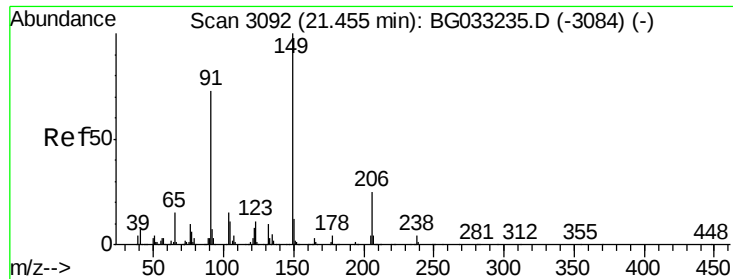
Tot Ion:202 Resp: 1026532
Ion Ratio Lower Upper
202 100
200 21.8 16.9 25.3
203 18.5 13.9 20.9



#78
Terphenyl-d14
Concen: 95.095 ng
RT: 20.73 min Scan# 2969
Delta R.T. -0.00 min
Lab File: BG033420.D
Acq: 29 Mar 2018 14:13

Tgt Ion:244 Resp: 1588452
Ion Ratio Lower Upper
244 100
212 8.7 5.8 8.8
122 7.2 7.0 10.4

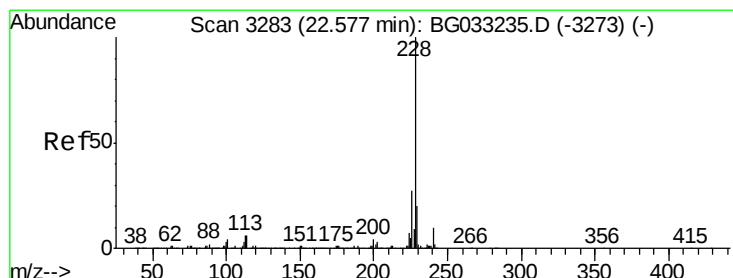
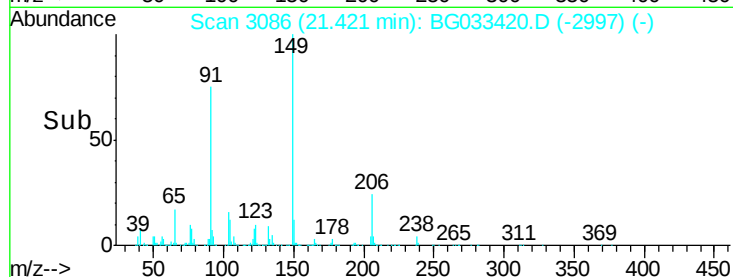
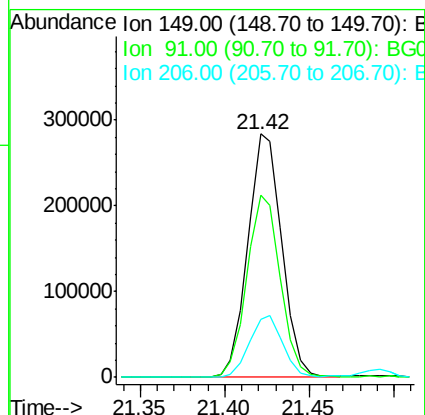
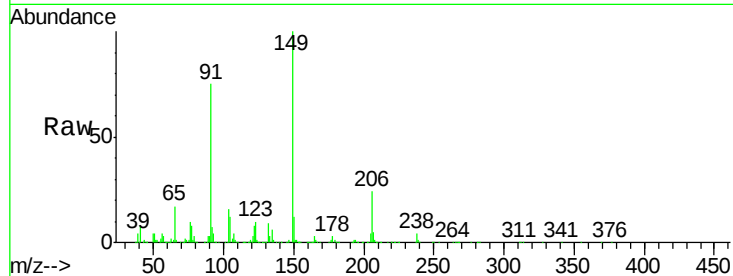




#79
Butylbenzylphthalate
Concen: 45.232 ng
RT: 21.42 min Scan# 3086
Delta R.T. -0.01 min
Lab File: BG033420.D
Acq: 29 Mar 2018 14:13

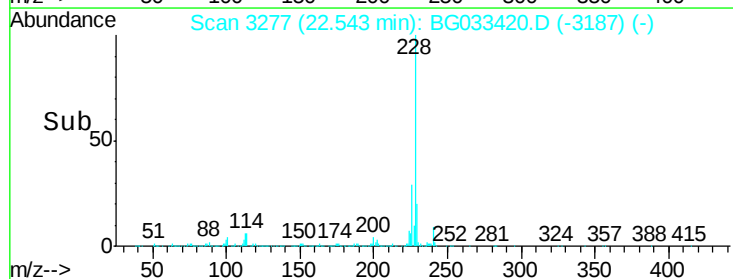
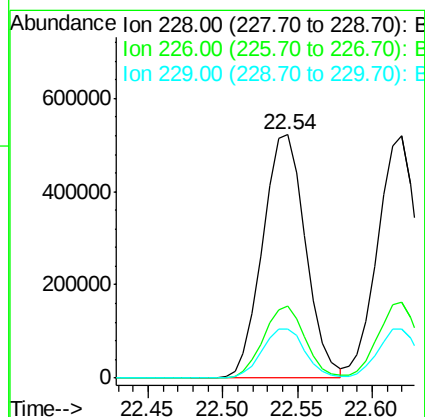
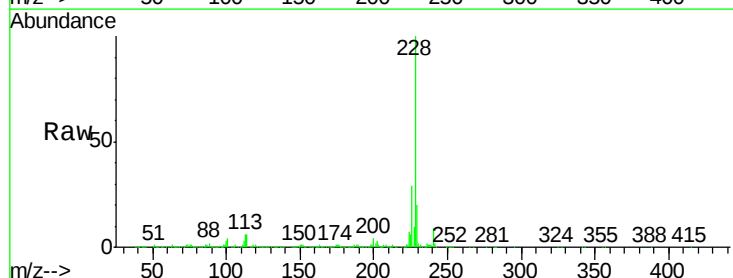
Instrument :
BNA_G
ClientSampleId :

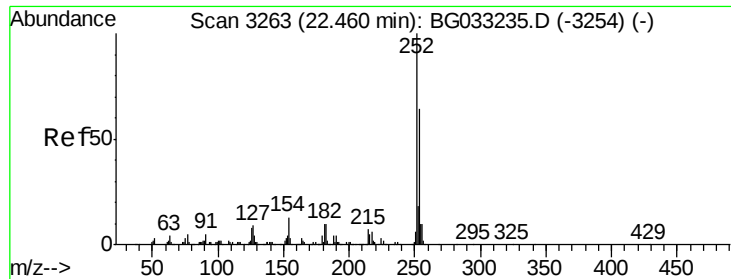
Tot Ion:149 Resp: 397678
Ion Ratio Lower Upper
149 100
91 74.8 62.2 93.2
206 23.9 18.6 27.8



#80
Benzo(a)anthracene
Concen: 45.882 ng
RT: 22.54 min Scan# 3277
Delta R.T. -0.00 min
Lab File: BG033420.D
Acq: 29 Mar 2018 14:13

Tgt Ion:228 Resp: 1043670
Ion Ratio Lower Upper
228 100
226 29.5 22.7 34.1
229 20.4 16.2 24.2

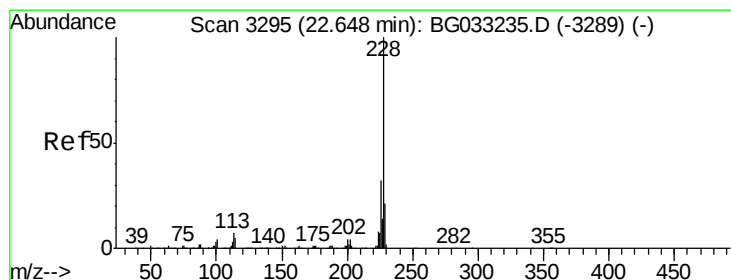
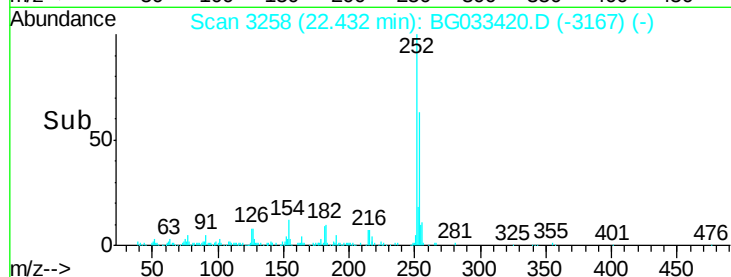
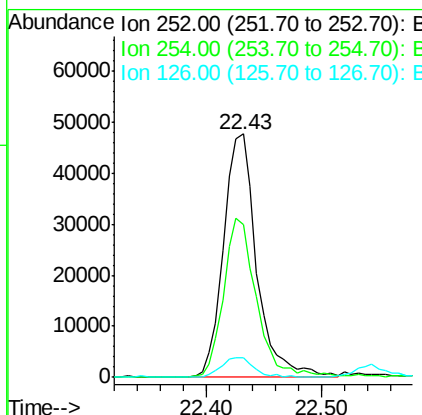
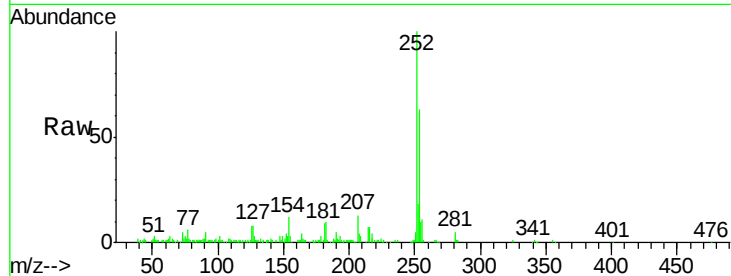




#81
 3,3'-Dichlorobenzidine
 Concen: 11.758 ng
 RT: 22.43 min Scan# 3258
 Delta R.T. 0.00 min
 Lab File: BG033420.D
 Acq: 29 Mar 2018 14:13

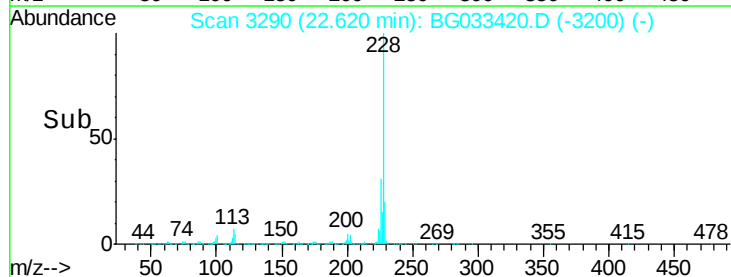
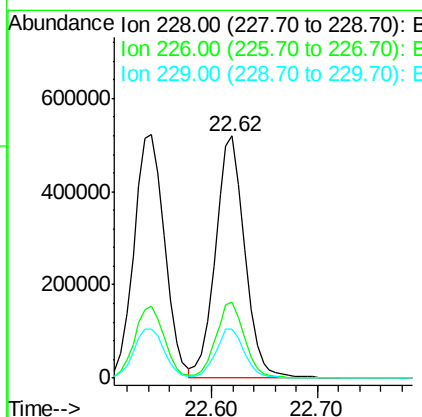
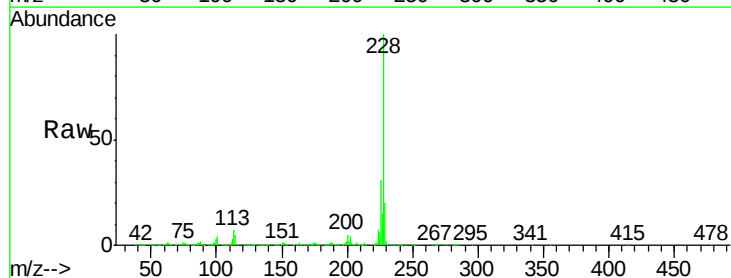
Instrument :
 BNA_G
 ClientSampleId :

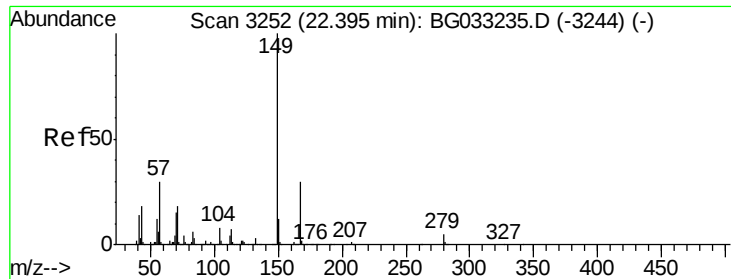
Tot Ion:252 Resp: 95172
 Ion Ratio Lower Upper
 252 100
 254 62.9 50.8 76.2
 126 8.3 7.4 11.2



#82
 Chrysene
 Concen: 45.243 ng
 RT: 22.62 min Scan# 3290
 Delta R.T. -0.00 min
 Lab File: BG033420.D
 Acq: 29 Mar 2018 14:13

Tgt Ion:228 Resp: 996218
 Ion Ratio Lower Upper
 228 100
 226 31.5 24.9 37.3
 229 20.4 15.0 22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.542 ng

RT: 22.36 min Scan# 3246

Delta R.T. -0.00 min

Lab File: BG033420.D

Acq: 29 Mar 2018 14:13

Instrument :

BNA_G

ClientSampleId :

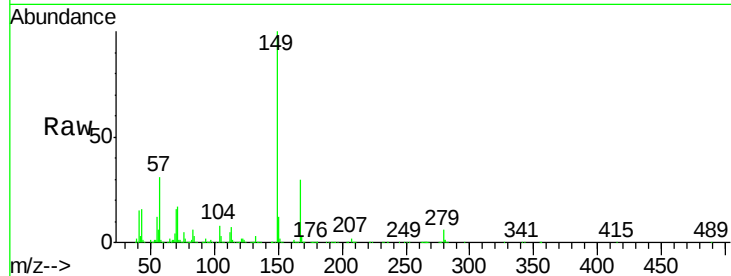
Tot Ion:149 Resp: 551962

Ion	Ratio	Lower	Upper
149	100		
167	30.1	24.3	36.5
279	5.8	4.0	6.0

149 100

167 30.1 24.3 36.5

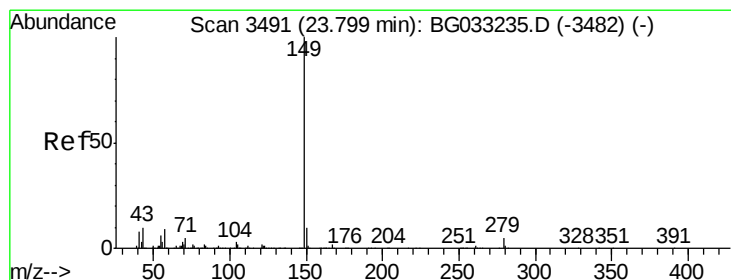
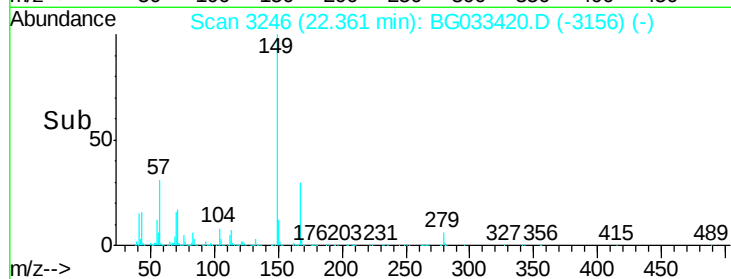
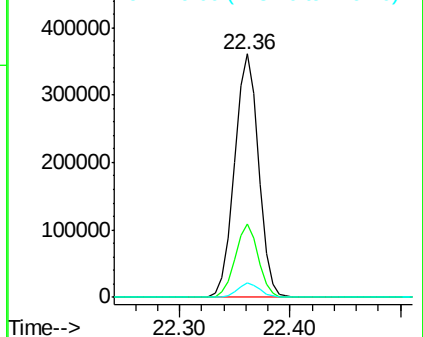
279 5.8 4.0 6.0



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: 51.754 ng

RT: 23.75 min Scan# 3483

Delta R.T. -0.01 min

Lab File: BG033420.D

Acq: 29 Mar 2018 14:13

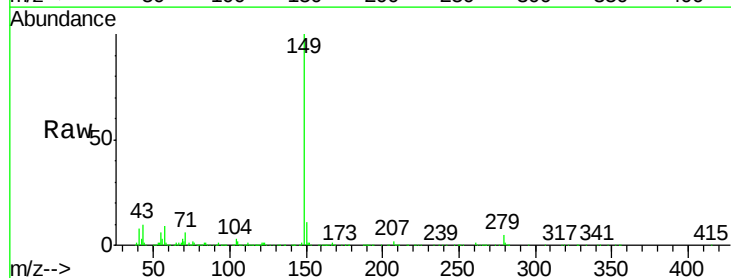
Tgt Ion:149 Resp: 960393

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	10.1	8.9	13.3

149 100

167 1.7 1.4 2.0

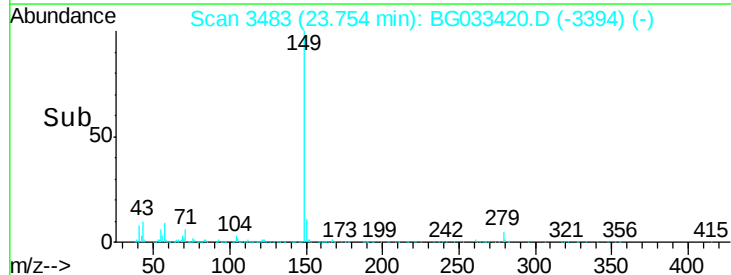
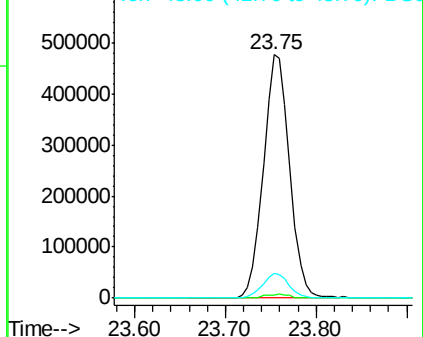
43 10.1 8.9 13.3

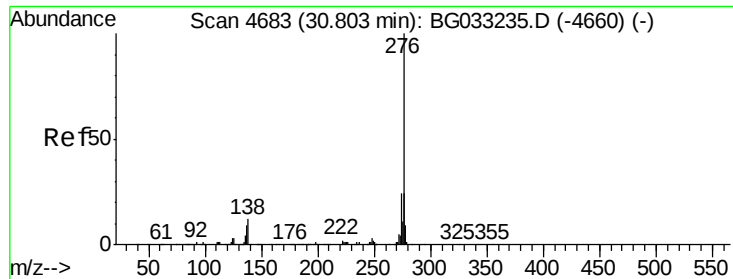


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG

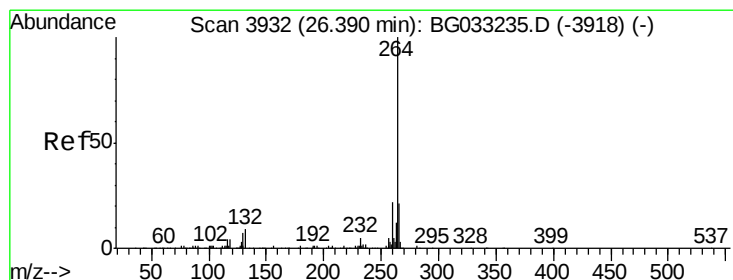
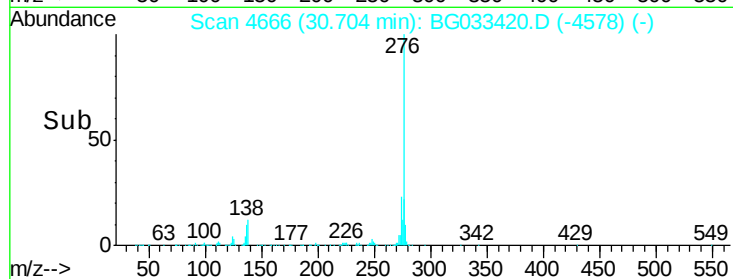
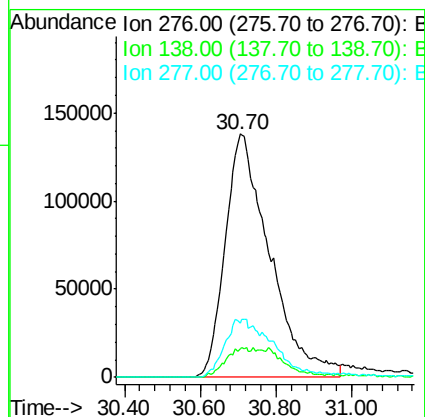
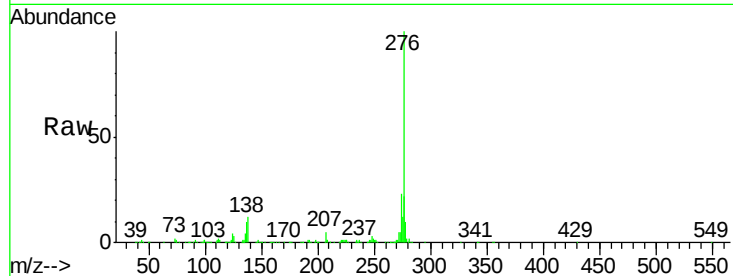




#85
Indeno(1,2,3-cd)pyrene
Concen: 47.411 ng
RT: 30.70 min Scan# 4666
Delta R.T. -0.01 min
Lab File: BG033420.D
Acq: 29 Mar 2018 14:13

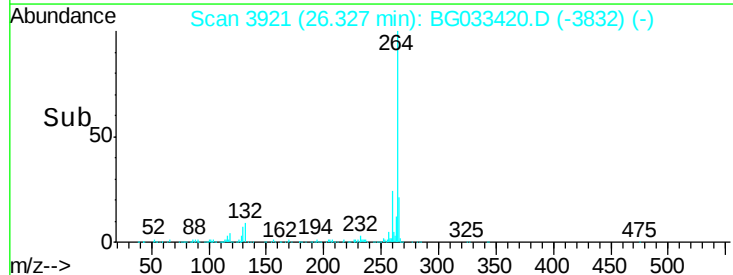
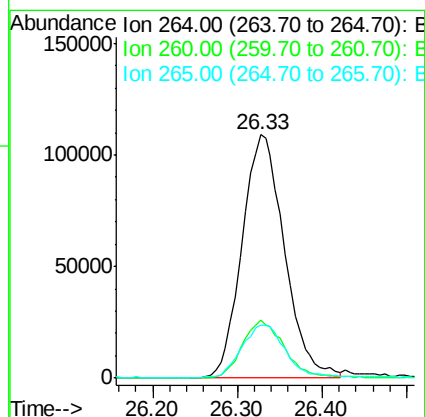
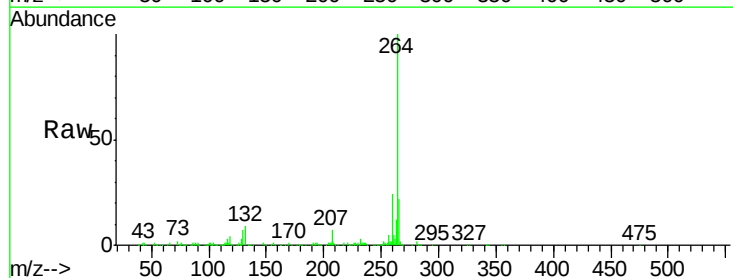
Instrument :
BNA_G
ClientSampleId :

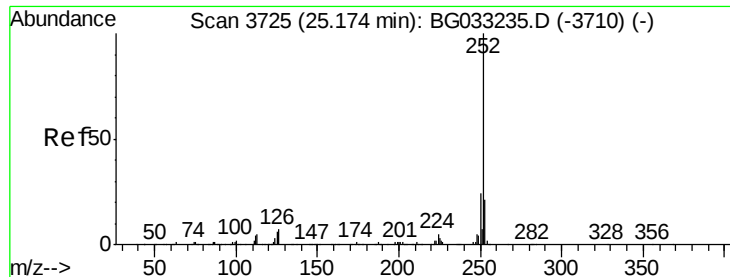
Tot Ion:276 Resp: 1128713
Ion Ratio Lower Upper
276 100
138 0.0 16.0 24.0#
277 8.5 20.0 30.0#



#86
Perylene-d12
Concen: 20.000 ng
RT: 26.33 min Scan# 3921
Delta R.T. -0.01 min
Lab File: BG033420.D
Acq: 29 Mar 2018 14:13

Tgt Ion:264 Resp: 380624
Ion Ratio Lower Upper
264 100
260 23.8 17.4 26.0
265 21.7 17.7 26.5

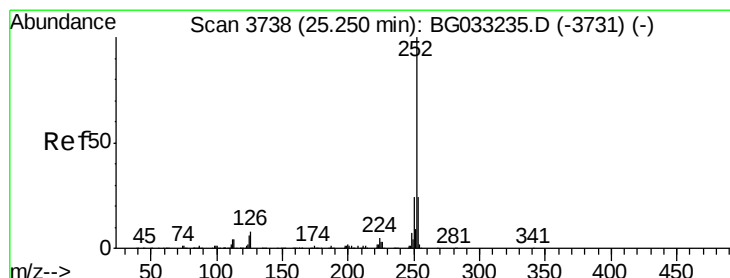
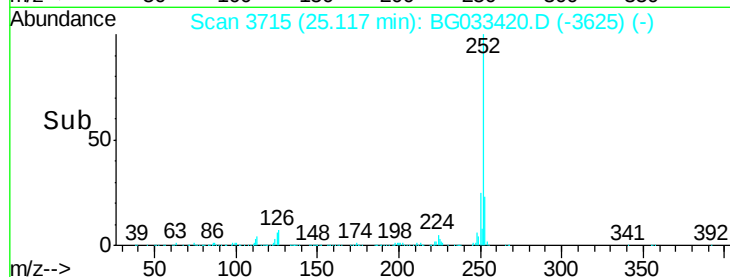
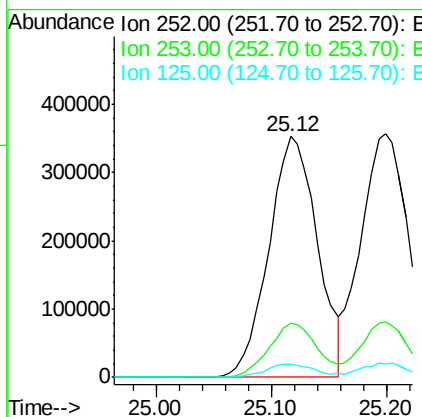
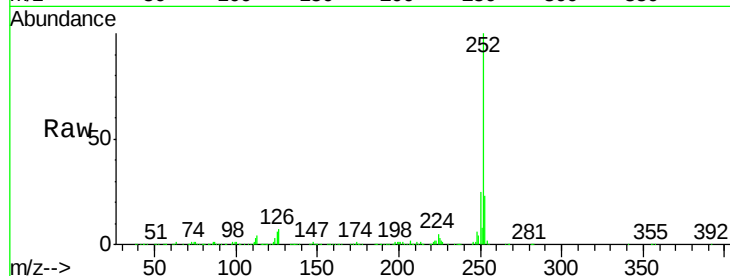




#87
Benzo(b)fluoranthene
Concen: 46.914 ng
RT: 25.12 min Scan# 3715
Delta R.T. -0.00 min
Lab File: BG033420.D
Acq: 29 Mar 2018 14:13

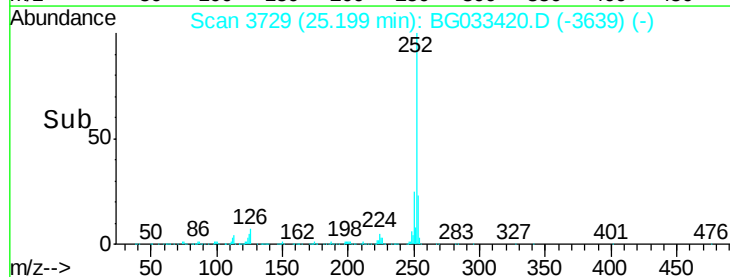
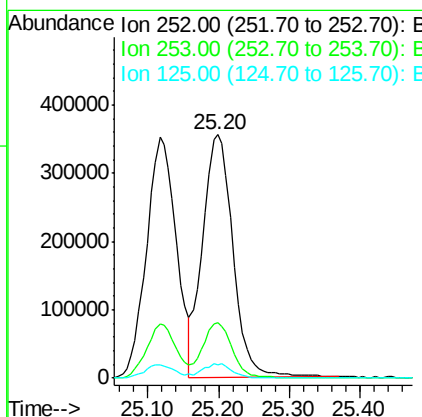
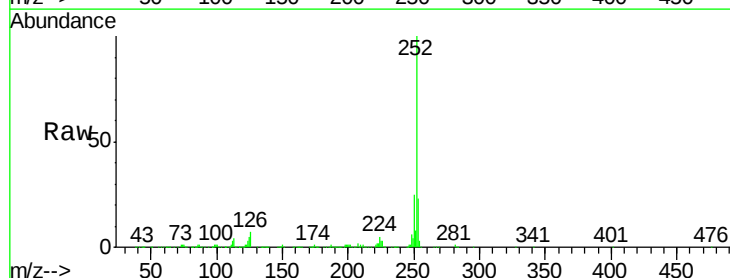
Instrument :
BNA_G
ClientSampled :

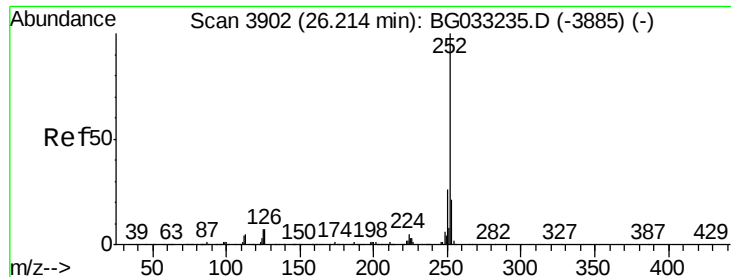
Tot Ion:252 Resp: 1031664
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.4
125 5.7 7.2 10.8#



#88
Benzo(k)fluoranthene
Concen: 47.669 ng
RT: 25.20 min Scan# 3729
Delta R.T. -0.00 min
Lab File: BG033420.D
Acq: 29 Mar 2018 14:13

Tgt Ion:252 Resp: 1060208
Ion Ratio Lower Upper
252 100
253 23.0 17.4 26.2
125 5.5 6.6 9.8#





#89

Benzo(a)pyrene

Concen: 49.122 ng

RT: 26.15 min Scan# 3891

Delta R.T. -0.00 min

Lab File: BG033420.D

Acq: 29 Mar 2018 14:13

Instrument :

BNA_G

ClientSampleId :

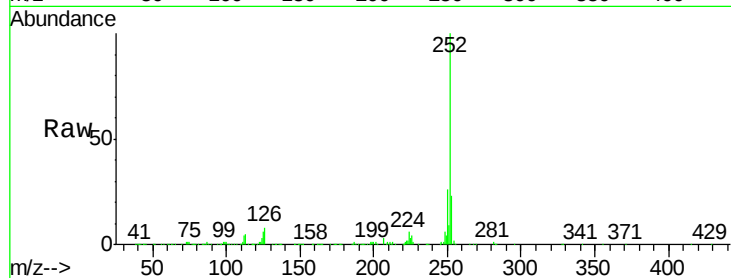
Tot Ion:252 Resp: 1037358

Ion Ratio Lower Upper

252 100

253 23.0 18.3 27.5

125 5.8 7.3 10.9#



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

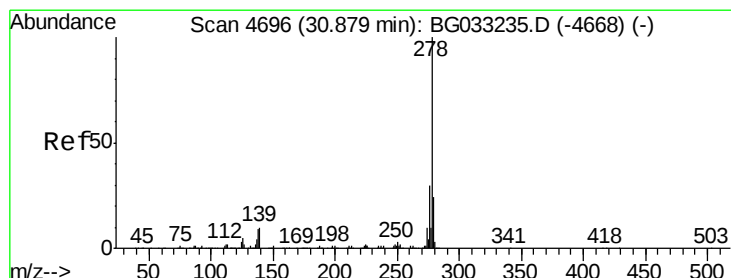
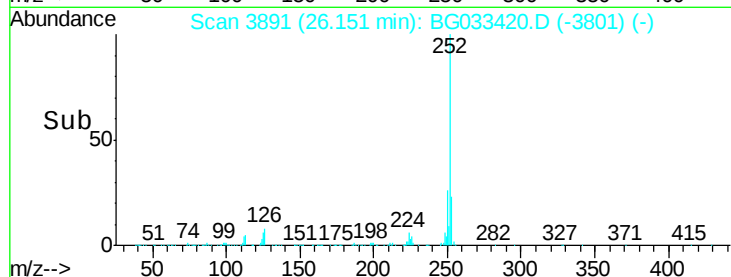
300000 26.15

200000

100000

0

Time--> 26.00 26.20 26.40



#90

Dibenzo(a,h)anthracene

Concen: 47.381 ng

RT: 30.79 min Scan# 4680

Delta R.T. 0.00 min

Lab File: BG033420.D

Acq: 29 Mar 2018 14:13

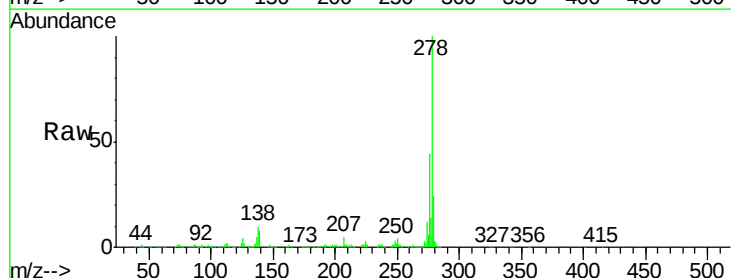
Tgt Ion:278 Resp: 942523

Ion Ratio Lower Upper

278 100

139 8.3 9.8 14.6#

279 24.3 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

200000 30.79

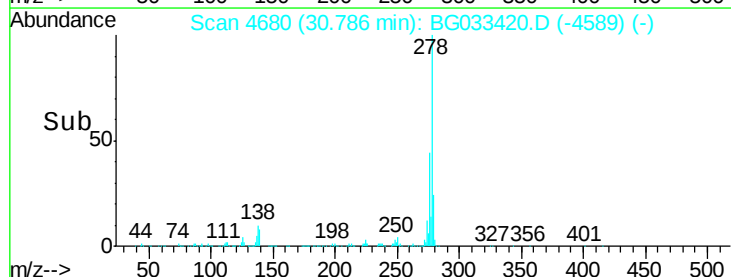
150000

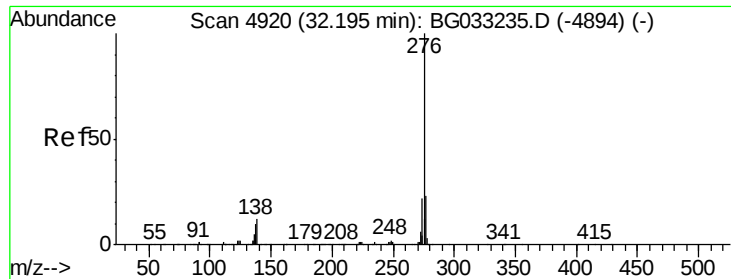
100000

50000

0

Time--> 30.40 30.60 30.80 31.00

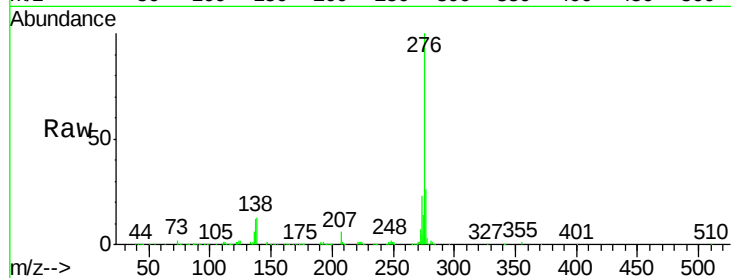




#91
 Benzo(a,h,i)perylene
 Concen: 44.337 ng
 RT: 32.08 min Scan# 4901
 Delta R.T. -0.00 min
 Lab File: BG033420.D
 Acq: 29 Mar 2018 14:13

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:276 Resp: 873354
 Ion Ratio Lower Upper
 276 100
 277 25.8 18.3 27.5
 138 12.9 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

