

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032718\
 Data File : BG033381.D
 Acq On : 28 Mar 2018 3:48
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 28 08:00:18 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 15:11:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.88	152	56352	20.00	ng	-0.02
21) Naphthalene-d8	11.76	136	233842	20.00	ng	-0.02
38) Acenaphthene-d10	15.49	164	174615	20.00	ng	-0.02
63) Phenanthrene-d10	18.22	188	426687	20.00	ng	-0.02
75) Chrysene-d12	22.57	240	436561	20.00	ng	-0.03
86) Perylene-d12	26.34	264	467879	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	6.30	112	255557	85.04	ng	-0.01
7) Phenol-d6	7.98	99	415600	80.49	ng	-0.01
23) Nitrobenzene-d5	10.08	82	415638	81.66	ng	-0.01
41) 2,4,6-Tribromophenol	16.96	330	210602	80.64	ng	-0.03
44) 2-Fluorobiphenyl	14.12	172	972990	80.44	ng	-0.01
78) Terphenyl-d14	20.74	244	1535057	75.20	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.93	88	56222	36.838	ng	87
3) Pyridine	4.40	79	169755	40.237	ng	96
4) n-Nitrosodimethylamine	4.31	42	71922	41.541	ng	# 86
6) Aniline	8.18	93	240573	39.618	ng	98
8) 2-Chlorophenol	8.42	128	137095	39.904	ng	97
9) Benzaldehyde	7.98	77	105771	32.232	ng	93
10) Phenol	8.01	94	197928	38.824	ng	86
11) bis(2-Chloroethyl)ether	8.26	93	157606	37.875	ng	95
12) 1,3-Dichlorobenzene	8.76	146	170266	37.907	ng	93
13) 1,4-Dichlorobenzene	8.91	146	171838	38.200	ng	99
14) 1,2-Dichlorobenzene	9.25	146	169732	38.660	ng	97
15) Benzyl Alcohol	9.11	79	170084	41.836	ng	94
16) 2,2'-oxybis(1-Chloropropan	9.39	45	252567	37.231	ng	88
17) 2-Methylphenol	9.65	107	203711	58.656	ng	85
18) Hexachloroethane	9.99	117	68762	39.605	ng	95
19) n-Nitroso-di-n-propylamine	9.69	70	148483	39.243	ng	97
20) 3+4-Methylphenols	9.65	107	203711	41.197	ng	91
22) Acetophenone	9.72	105	275696	43.034	ng	# 97
24) Nitrobenzene	10.13	77	220804	40.531	ng	92
25) Isophorone	10.64	82	397697	40.259	ng	97
26) 2-Nitrophenol	10.85	139	92275	44.739	ng	# 92
27) 2,4-Dimethylphenol	10.88	122	126727	42.295	ng	91
28) bis(2-Chloroethoxy)methane	11.12	93	199753	40.528	ng	96
29) 2,4-Dichlorophenol	11.39	162	159043	43.162	ng	93
30) 1,2,4-Trichlorobenzene	11.61	180	197570	41.269	ng	96
31) Naphthalene	11.81	128	490970	40.517	ng	97
32) Benzoic acid	11.03	122	115338	41.409	ng	# 89
33) 4-Chloroaniline	11.91	127	219714	40.470	ng	93
34) Hexachlorobutadiene	12.07	225	153102	42.289	ng	99
35) Caprolactam	12.67	113	55339	38.335	ng	92
36) 4-Chloro-3-methylphenol	12.97	107	206375	42.942	ng	95
37) 2-Methylnaphthalene	13.36	142	370007	39.340	ng	# 90
39) 1,2,4,5-Tetrachlorobenzene	13.72	216	260567	41.196	ng	99
40) Hexachlorocyclopentadiene	13.68	237	153896	41.505	ng	97

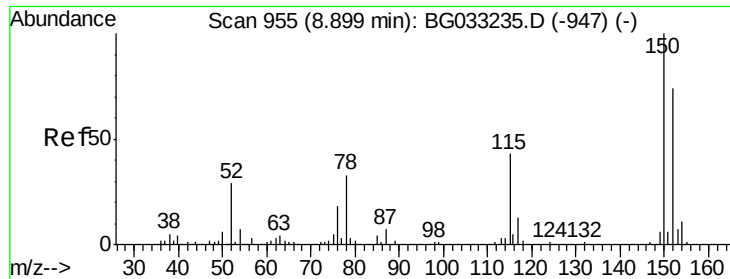
Data Path : Z:\HPCHEM1\BNA G\DATA\BG032718\
 Data File : BG033381.D
 Acq On : 28 Mar 2018 3:48
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 15:11:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.94	196	158622	43.164	ng	99
43) 2,4,5-Trichlorophenol	14.02	196	188750	43.454	ng	96
45) 1,1'-Biphenyl	14.33	154	547649	40.823	ng	96
46) 2-Chloronaphthalene	14.39	162	421043	40.705	ng	97
47) 2-Nitroaniline	14.58	65	159001	41.040	ng	93
48) Acenaphthylene	15.22	152	686942	39.786	ng	98
49) Dimethylphthalate	14.92	163	597724	39.334	ng	97
50) 2,6-Dinitrotoluene	15.05	165	126333	40.658	ng	93
51) Acenaphthene	15.56	154	464659	41.747	ng	98
52) 3-Nitroaniline	15.39	138	121448	37.281	ng	# 93
53) 2,4-Dinitrophenol	15.59	184	75702	50.195	ng	# 80
54) Dibenzofuran	15.89	168	637958	38.803	ng	92
55) 4-Nitrophenol	15.66	139	82967	36.220	ng	91
56) 2,4-Dinitrotoluene	15.83	165	181095	39.583	ng	92
57) Fluorene	16.53	166	544216	38.855	ng	99
58) 2,3,4,6-Tetrachlorophenol	16.10	232	165246	40.410	ng	98
59) Diethylphthalate	16.26	149	581277	39.393	ng	97
60) 4-Chlorophenyl-phenylether	16.50	204	319626	39.698	ng	99
61) 4-Nitroaniline	16.54	138	127438	38.631	ng	# 85
62) Azobenzene	16.79	77	542849	37.977	ng	98
64) 4,6-Dinitro-2-methylphenol	16.58	198	97178	38.071	ng	92
65) n-Nitrosodiphenylamine	16.71	169	497046	40.804	ng	97
66) 4-Bromophenyl-phenylether	17.39	248	207706	41.450	ng	96
67) Hexachlorobenzene	17.52	284	219900	41.581	ng	95
68) Atrazine	17.63	200	201434	40.808	ng	99
69) Pentachlorophenol	17.85	266	148129	40.809	ng	98
70) Phenanthrene	18.26	178	865926	38.967	ng	97
71) Anthracene	18.35	178	885854	39.371	ng	98
72) Carbazole	18.61	167	781569	39.199	ng	95
73) Di-n-butylphthalate	19.11	149	940898	40.543	ng	# 98
74) Fluoranthene	20.22	202	1058891	38.506	ng	97
76) Benzidine	20.37	184	424626	35.867	ng	98
77) Pyrene	20.57	202	1089546	37.421	ng	99
79) Butylbenzylphthalate	21.43	149	429400	39.965	ng	96
80) Benzo(a)anthracene	22.54	228	1068113	38.424	ng	99
81) 3,3'-Dichlorobenzidine	22.43	252	418488	42.306	ng	97
82) Chrysene	22.62	228	1041425	38.702	ng	97
83) Bis(2-ethylhexyl)phthalate	22.37	149	609373	41.142	ng	98
84) Di-n-octyl phthalate	23.76	149	976725	43.070	ng	97
85) Indeno(1,2,3-cd)pyrene	30.72	276	1220443	41.949	ng	# 88
87) Benzo(b)fluoranthene	25.12	252	1048216	38.777	ng	# 97
88) Benzo(k)fluoranthene	25.20	252	1072024	39.212	ng	# 97
89) Benzo(a)pyrene	26.16	252	1034996	39.870	ng	# 96
90) Dibenzo(a,h)anthracene	30.80	278	1028490	42.061	ng	# 96
91) Benzo(g,h,i)perylene	32.10	276	990391	40.902	ng	# 94

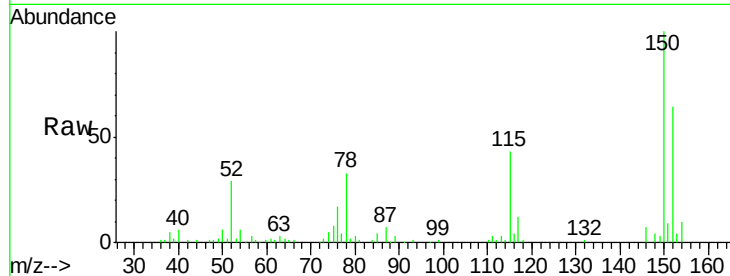
(#) = qualifier out of range (m) = manual integration (+) = signals summed



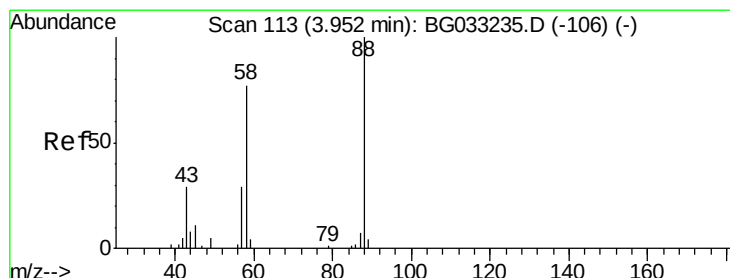
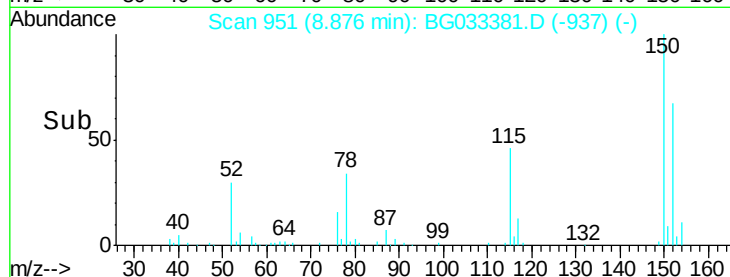
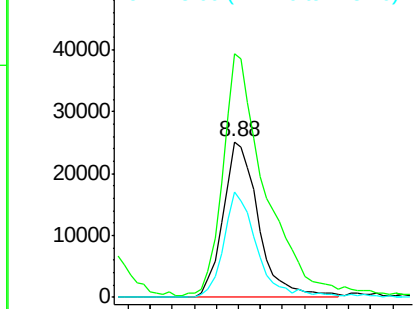
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.88 min Scan# 951
 Delta R.T. -0.02 min
 Lab File: BG033381.D
 Acq: 28 Mar 2018 3:48

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 56352
 Ion Ratio Lower Upper
 152 100
 150 156.6 126.6 189.8
 115 67.9 53.0 79.4

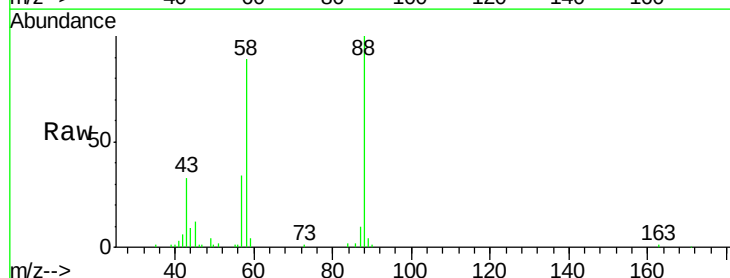


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

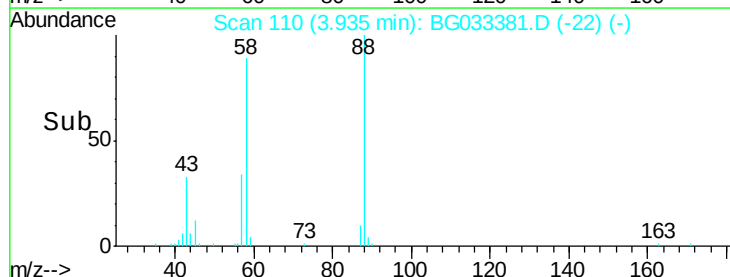
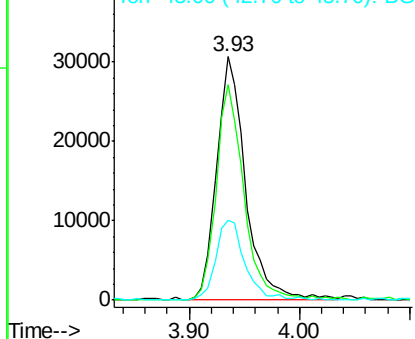


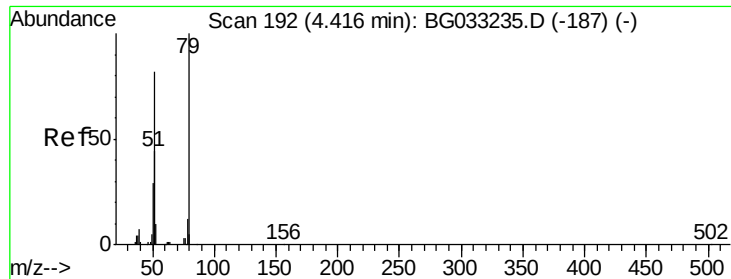
#2
 1,4-Dioxane
 Concen: 36.838 ng
 RT: 3.93 min Scan# 110
 Delta R.T. -0.01 min
 Lab File: BG033381.D
 Acq: 28 Mar 2018 3:48

Tgt Ion: 88 Resp: 56222
 Ion Ratio Lower Upper
 88 100
 58 83.5 79.6 119.4
 43 32.5 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: 40.237 ng

RT: 4.40 min Scan# 189

Delta R.T. -0.01 min

Lab File: BG033381.D

Acq: 28 Mar 2018 3:48

Instrument :

BNA_G

ClientSampleId :

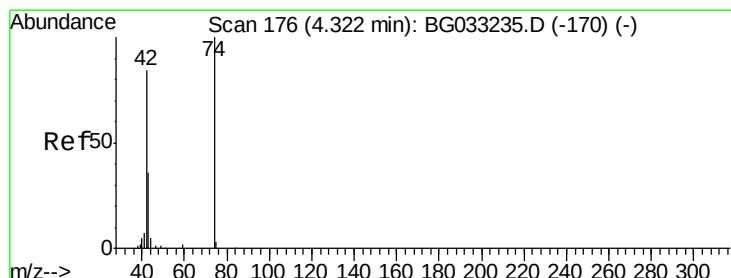
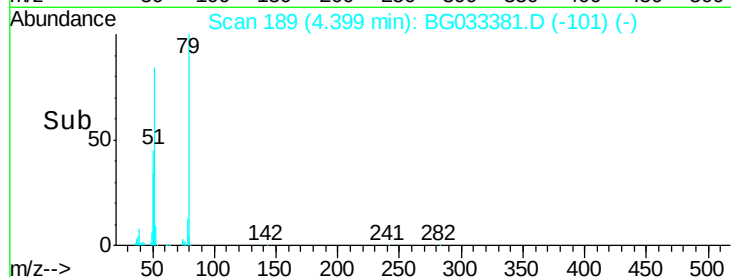
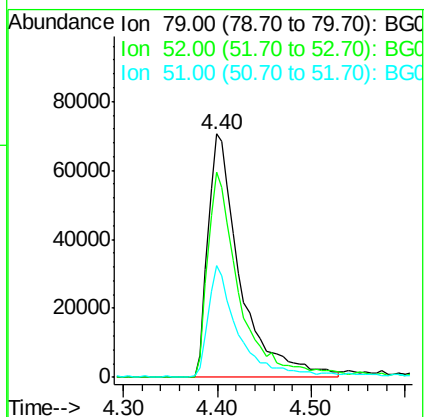
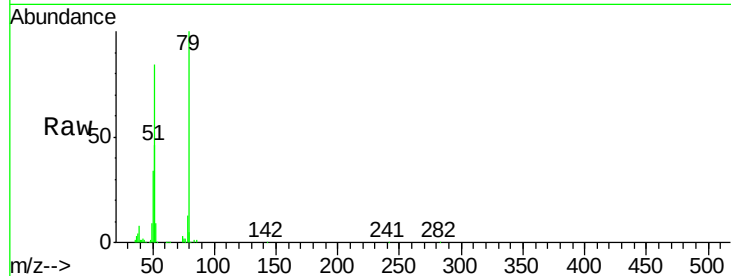
Tot Ion: 79 Resp: 169755

Ion Ratio Lower Upper

79 100

52 84.3 69.9 104.9

51 45.7 34.0 51.0



#4

n-Nitrosodimethylamine

Concen: 41.541 ng

RT: 4.31 min Scan# 174

Delta R.T. -0.01 min

Lab File: BG033381.D

Acq: 28 Mar 2018 3:48

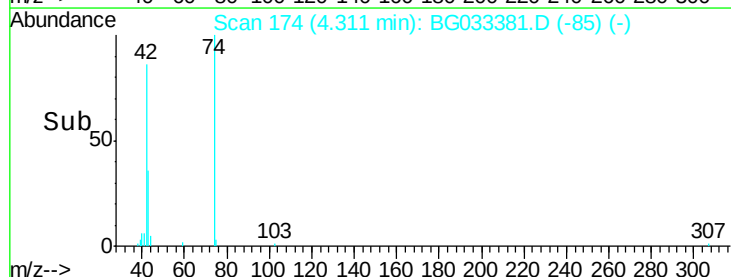
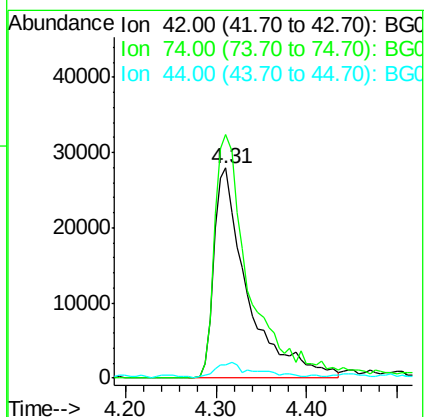
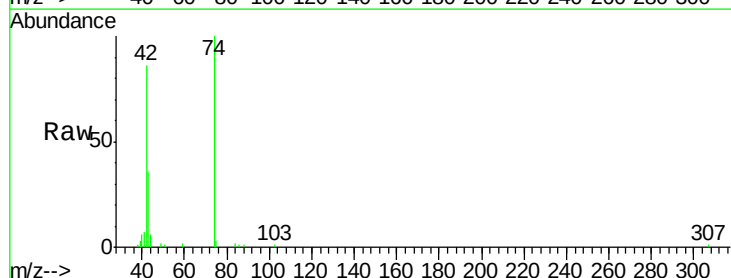
Tgt Ion: 42 Resp: 71922

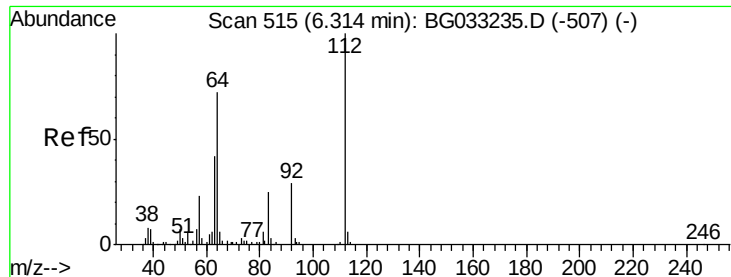
Ion Ratio Lower Upper

42 100

74 115.9 102.5 153.7

44 6.6 18.9 28.3#





#5

2-Fluorophenol

Concen: 85.037 ng

RT: 6.30 min Scan# 512

Delta R.T. -0.01 min

Lab File: BG033381.D

Acq: 28 Mar 2018 3:48

Instrument :

BNA_G

ClientSampleId :

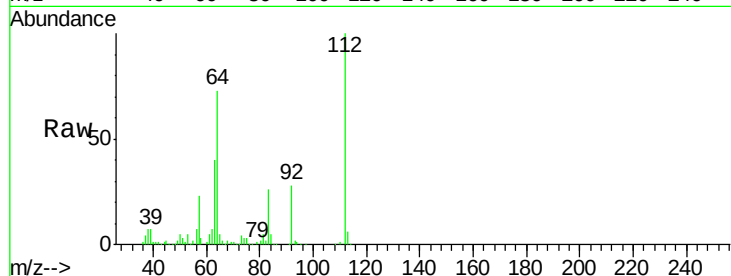
Tot Ion:112 Resp: 255557

Ion Ratio Lower Upper

112 100

64 72.6 56.3 84.5

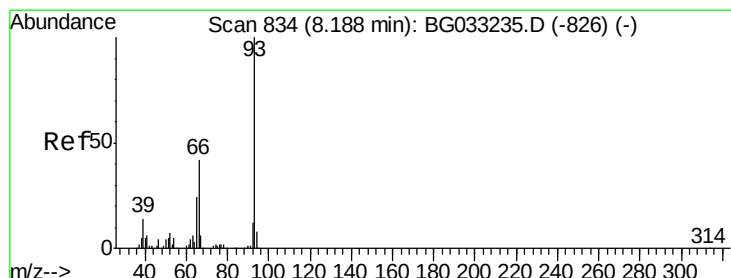
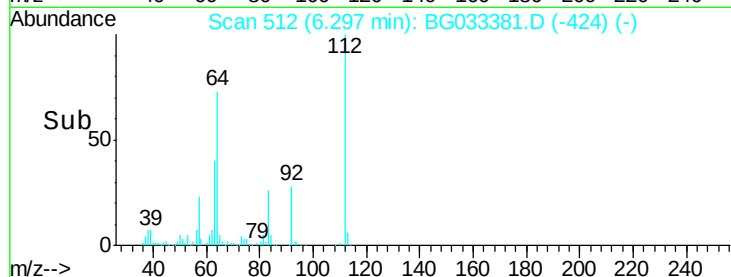
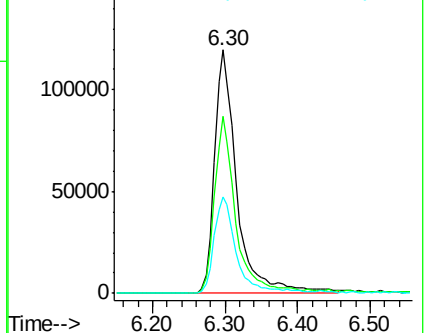
63 39.8 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 39.618 ng

RT: 8.18 min Scan# 832

Delta R.T. -0.01 min

Lab File: BG033381.D

Acq: 28 Mar 2018 3:48

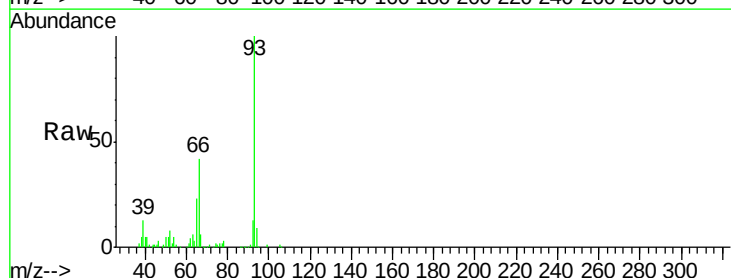
Tgt Ion: 93 Resp: 240573

Ion Ratio Lower Upper

93 100

66 41.8 33.7 50.5

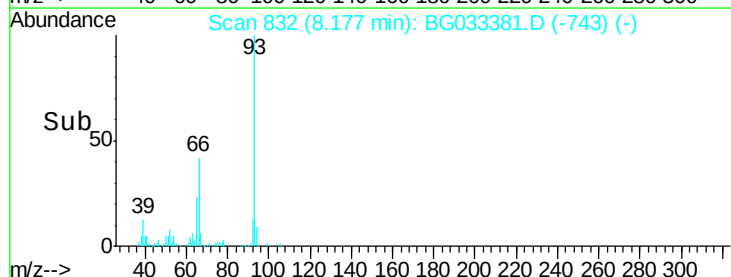
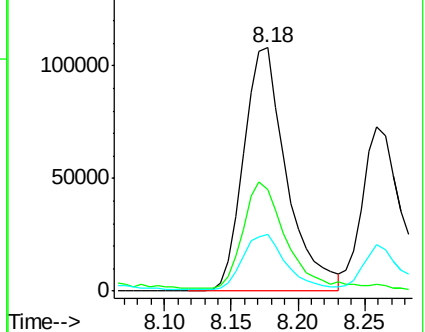
65 23.2 16.1 24.1

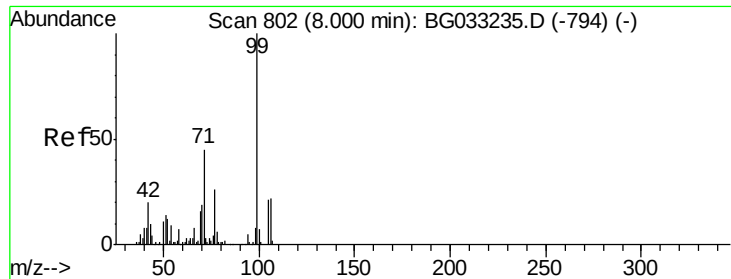


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 80.486 ng

RT: 7.98 min Scan# 799

Delta R.T. -0.01 min

Lab File: BG033381.D

Acq: 28 Mar 2018 3:48

Instrument :

BNA_G

ClientSampled :

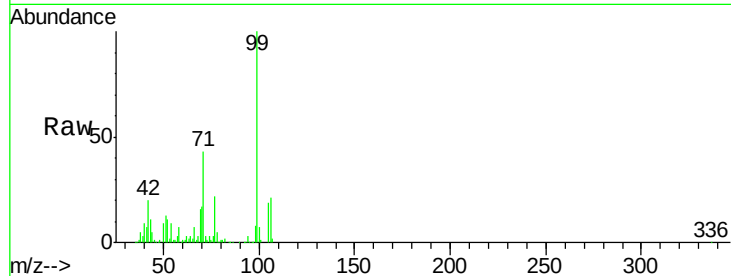
Tot Ion: 99 Resp: 415600

Ion Ratio Lower Upper

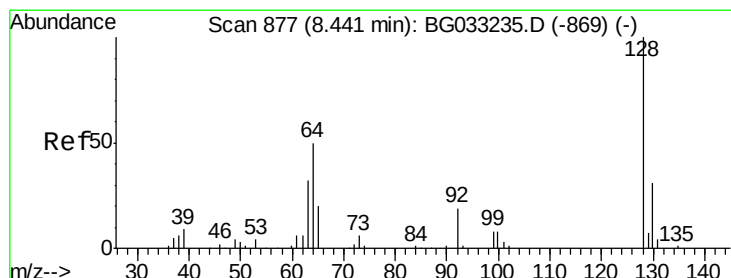
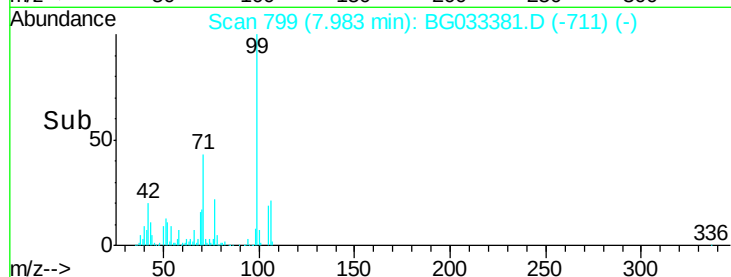
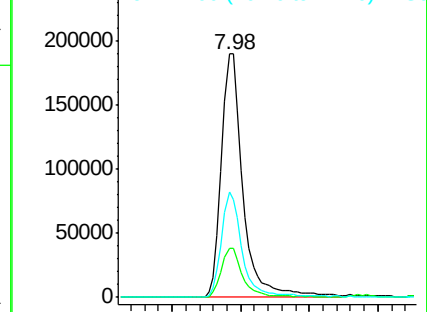
99 100

42 20.3 14.1 21.1

71 43.2 26.1 39.1#



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



#8

2-Chlorophenol

Concen: 39.904 ng

RT: 8.42 min Scan# 874

Delta R.T. -0.01 min

Lab File: BG033381.D

Acq: 28 Mar 2018 3:48

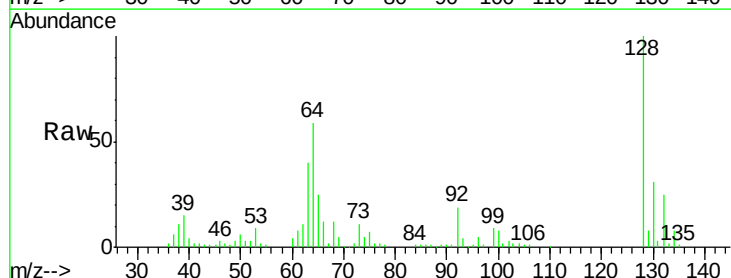
Tgt Ion: 128 Resp: 137095

Ion Ratio Lower Upper

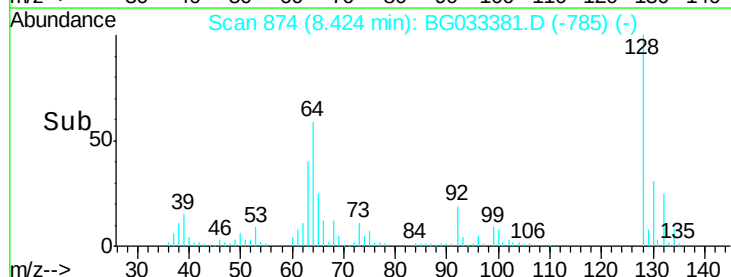
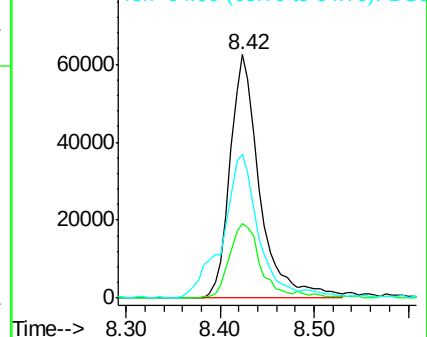
128 100

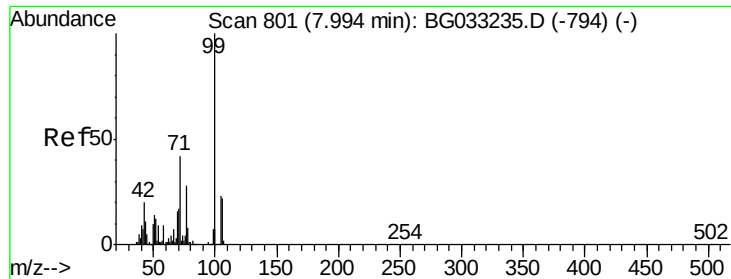
130 30.6 14.0 54.0

64 58.9 37.7 77.7



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





#9

Benzaldehyde

Concen: 32.232 ng

RT: 7.98 min Scan# 799

Delta R.T. -0.01 min

Lab File: BG033381.D

Acq: 28 Mar 2018 3:48

Instrument :

BNA_G

ClientSampled :

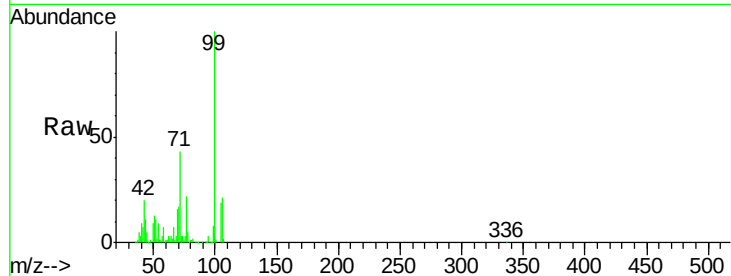
Tot Ion: 77 Resp: 105771

Ion Ratio Lower Upper

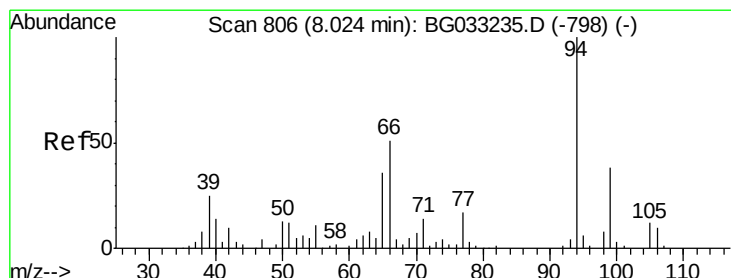
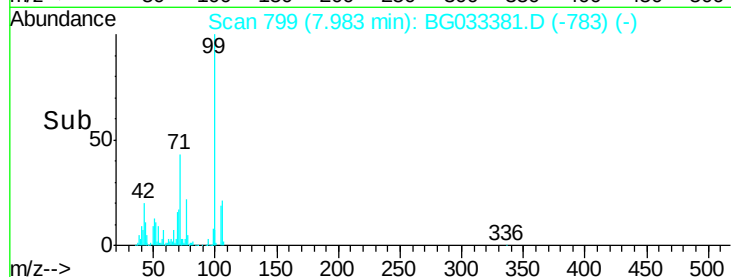
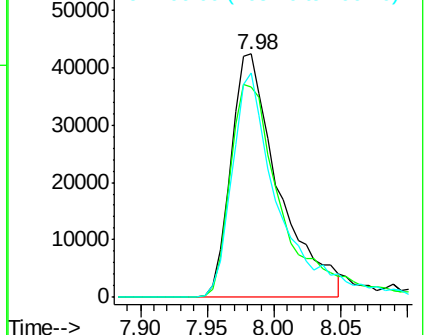
77 100

105 86.2 71.3 111.3

106 92.3 64.2 104.2



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 38.824 ng

RT: 8.01 min Scan# 804

Delta R.T. -0.01 min

Lab File: BG033381.D

Acq: 28 Mar 2018 3:48

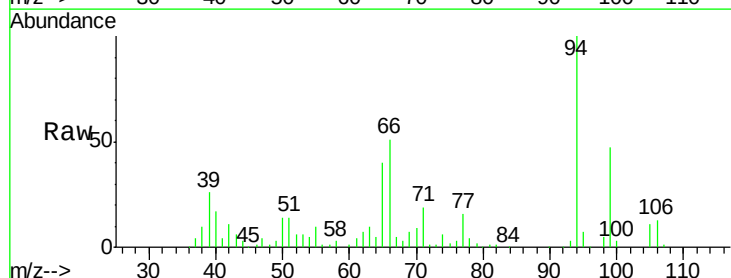
Tgt Ion: 94 Resp: 197928

Ion Ratio Lower Upper

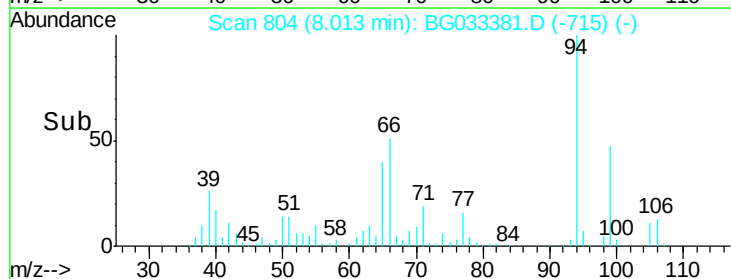
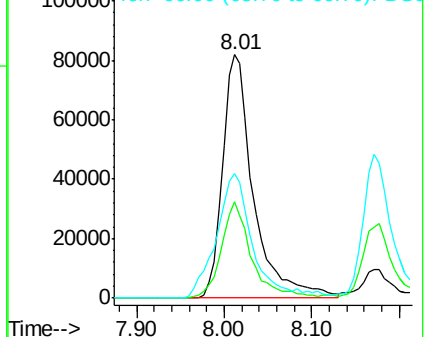
94 100

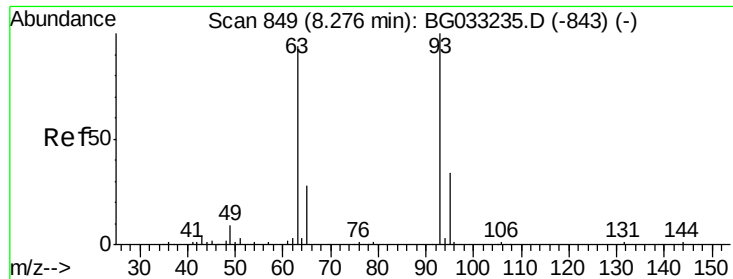
65 39.7 11.9 51.9

66 51.2 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

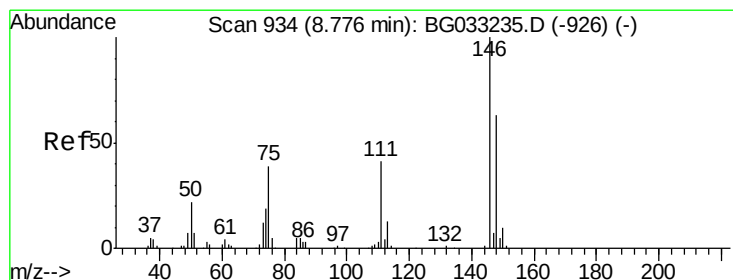
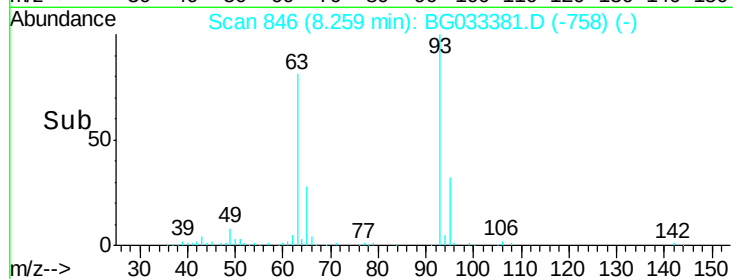
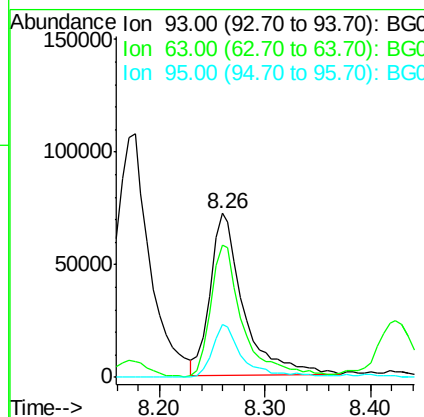
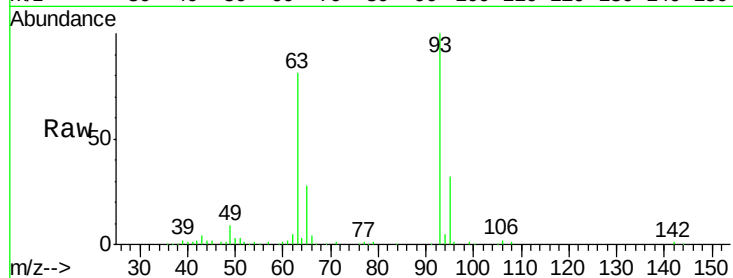




#11
bis(2-Chloroethyl)ether
Concen: 37.875 ng
RT: 8.26 min Scan# 846
Delta R.T. -0.01 min
Lab File: BG033381.D
Acq: 28 Mar 2018 3:48

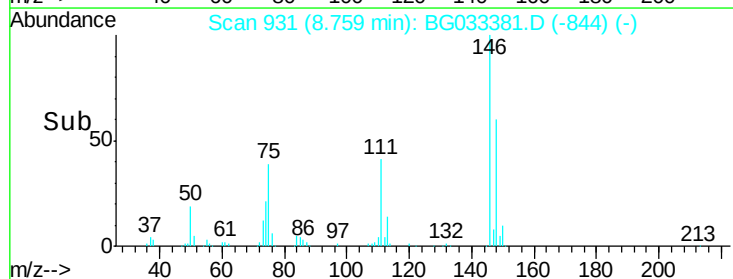
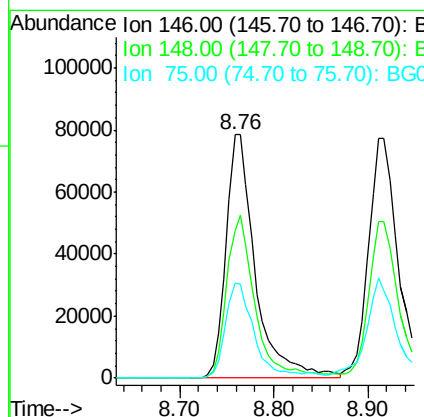
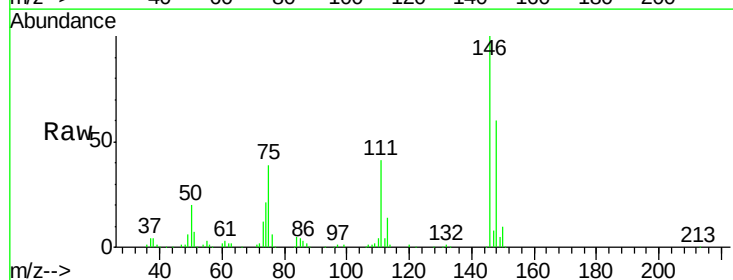
Instrument :
BNA_G
ClientSampled :

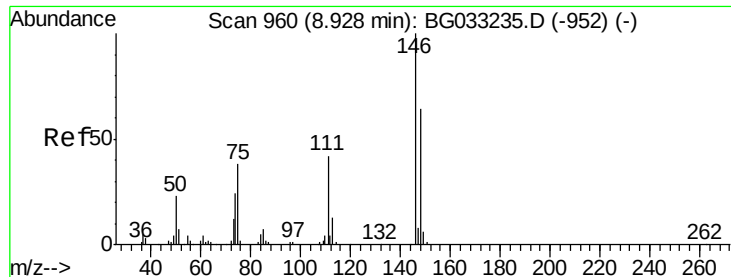
Tot Ion: 93 Resp: 157606
Ion Ratio Lower Upper
93 100
63 80.8 67.1 107.1
95 32.2 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 37.907 ng
RT: 8.76 min Scan# 931
Delta R.T. -0.02 min
Lab File: BG033381.D
Acq: 28 Mar 2018 3:48

Tgt Ion: 146 Resp: 170266
Ion Ratio Lower Upper
146 100
148 60.4 51.4 77.2
75 39.2 26.6 39.8

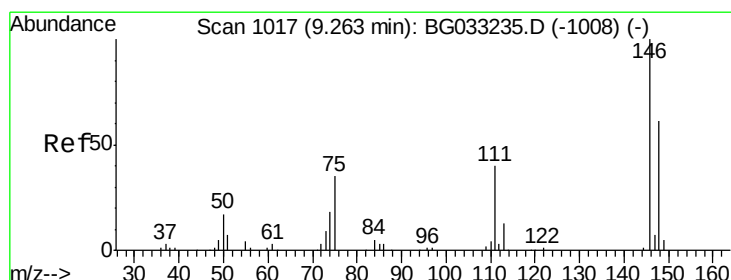
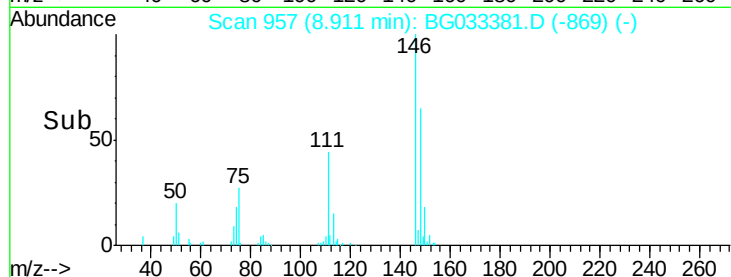
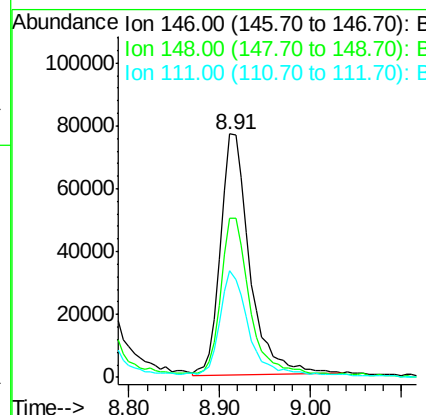
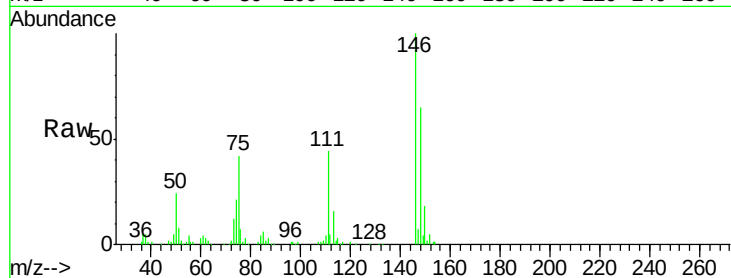




#13
1,4-Dichlorobenzene
Concen: 38.200 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.01 min
Lab File: BG033381.D
Acq: 28 Mar 2018 3:48

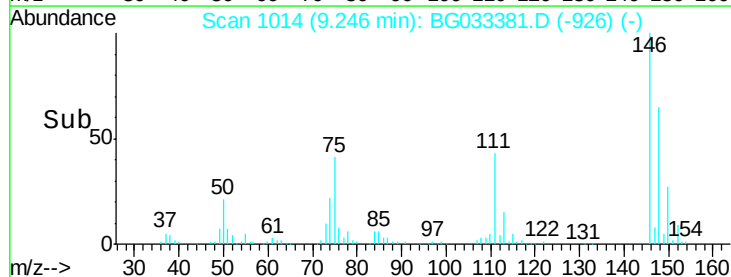
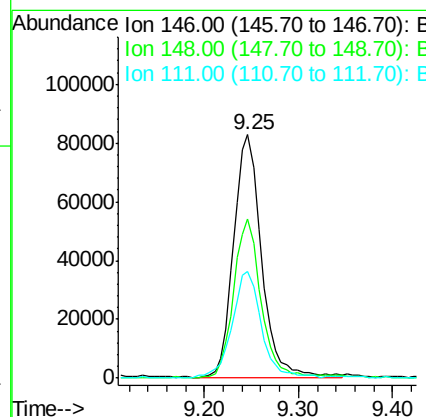
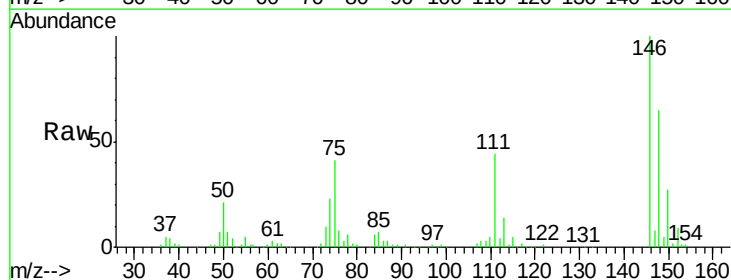
Instrument :
BNA_G
ClientSampled :

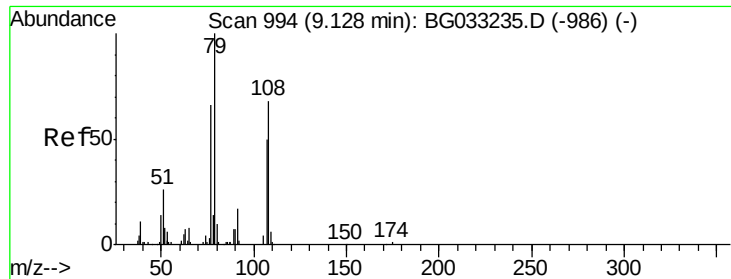
Tot Ion:146 Resp: 171838
Ion Ratio Lower Upper
146 100
148 65.2 53.7 80.5
111 44.0 35.2 52.8



#14
1,2-Dichlorobenzene
Concen: 38.660 ng
RT: 9.25 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BG033381.D
Acq: 28 Mar 2018 3:48

Tgt Ion:146 Resp: 169732
Ion Ratio Lower Upper
146 100
148 65.3 49.3 73.9
111 43.7 34.3 51.5

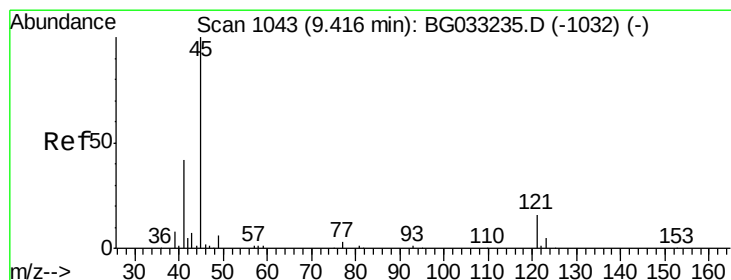
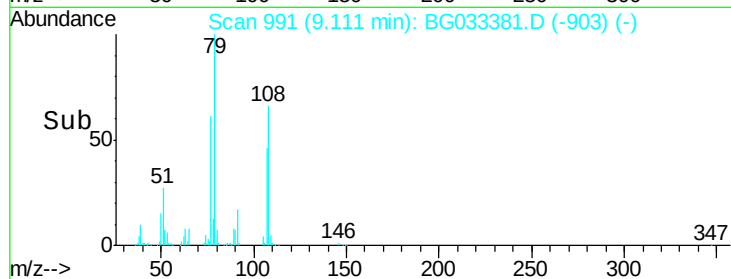
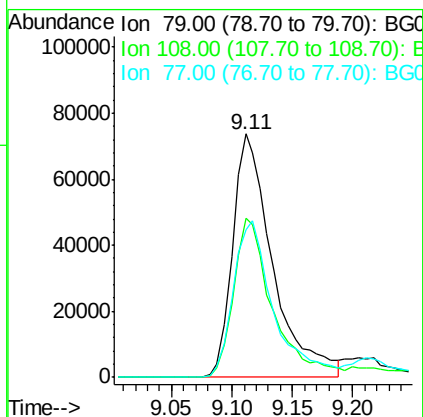
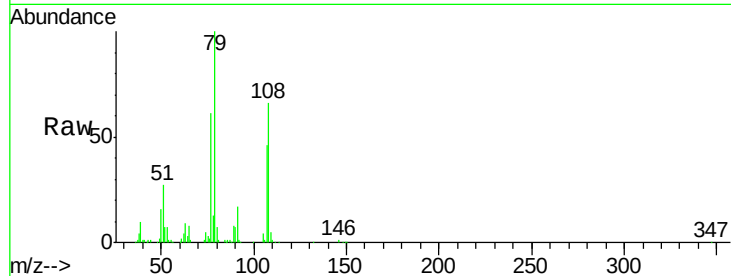




#15
Benzyl Alcohol
Concen: 41.836 ng
RT: 9.11 min Scan# 991
Delta R.T. -0.01 min
Lab File: BG033381.D
Acq: 28 Mar 2018 3:48

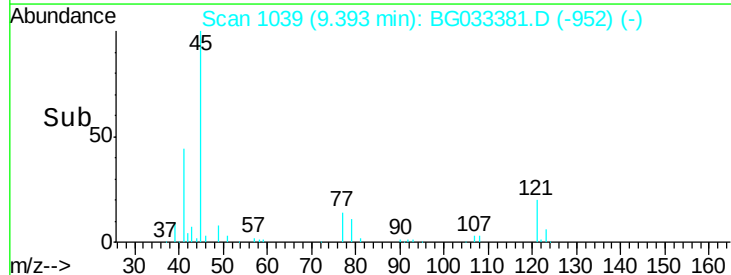
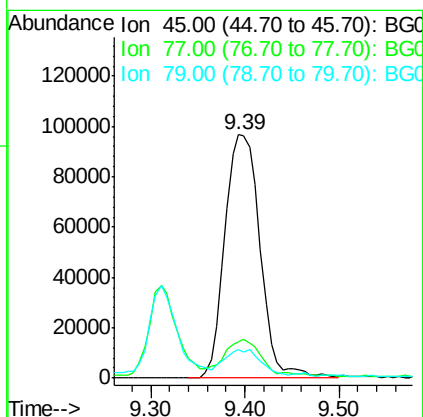
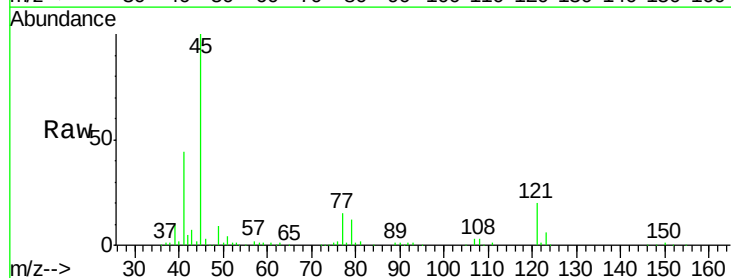
Instrument :
BNA_G
ClientSampleId :

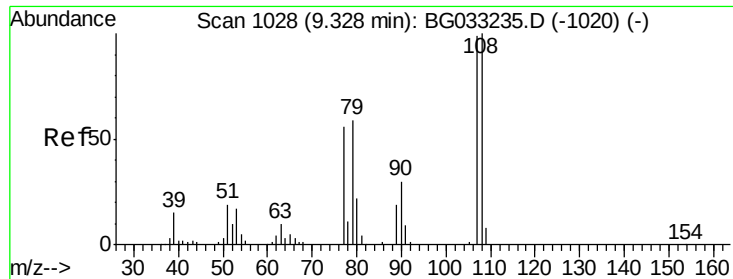
Tot Ion: 79 Resp: 170084
Ion Ratio Lower Upper
79 100
108 65.6 57.2 85.8
77 60.6 46.1 69.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.231 ng
RT: 9.39 min Scan# 1039
Delta R.T. -0.02 min
Lab File: BG033381.D
Acq: 28 Mar 2018 3:48

Tgt Ion: 45 Resp: 252567
Ion Ratio Lower Upper
45 100
77 14.9 0.0 30.2
79 11.9 0.0 27.9

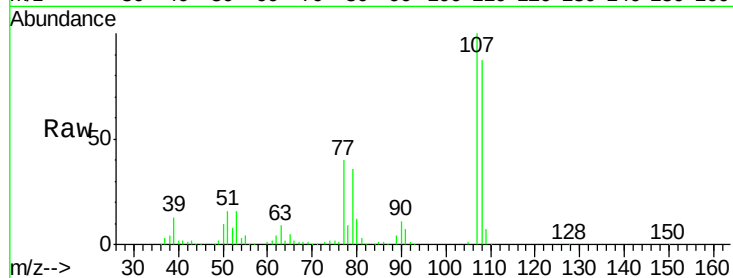




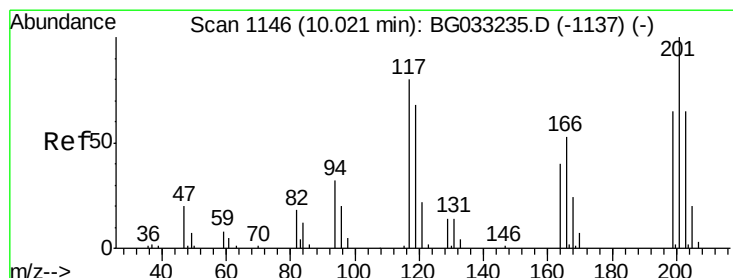
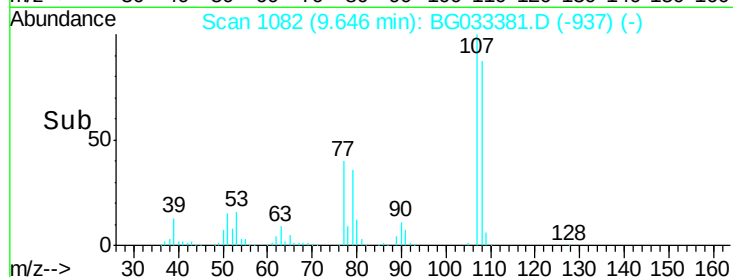
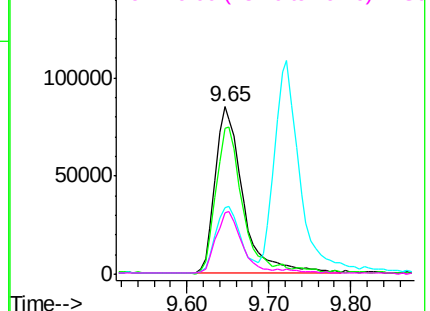
#17
2-Methylphenol
Concen: 58.656 ng
RT: 9.65 min Scan# 1082
Delta R.T. 0.32 min
Lab File: BG033381.D
Acq: 28 Mar 2018 3:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 203711
Ion Ratio Lower Upper
107 100
108 87.3 83.9 125.9
77 39.8 37.2 55.8
79 36.5 36.2 54.2

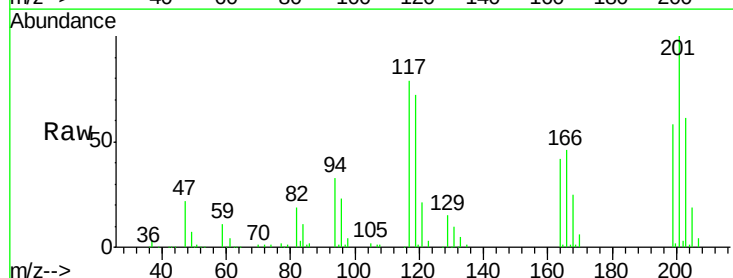


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

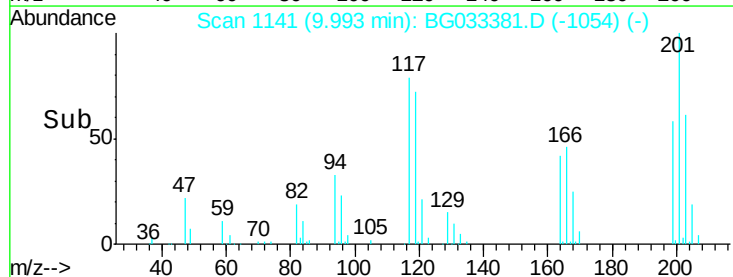
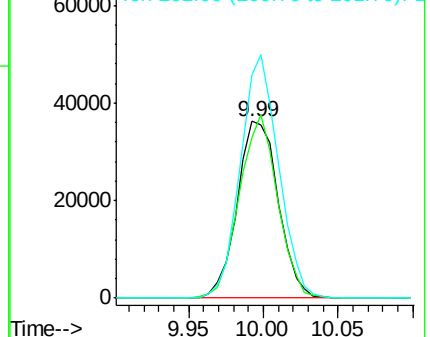


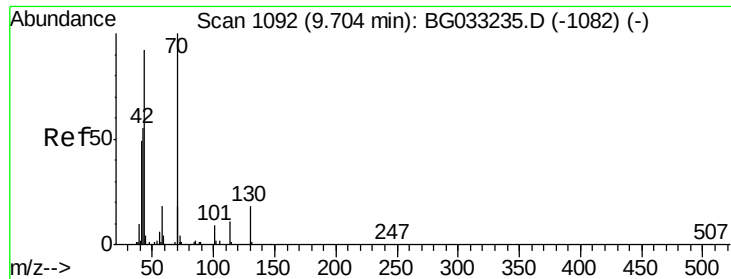
#18
Hexachloroethane
Concen: 39.605 ng
RT: 9.99 min Scan# 1141
Delta R.T. -0.02 min
Lab File: BG033381.D
Acq: 28 Mar 2018 3:48

Tgt Ion:117 Resp: 68762
Ion Ratio Lower Upper
117 100
119 91.1 76.7 115.1
201 125.9 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

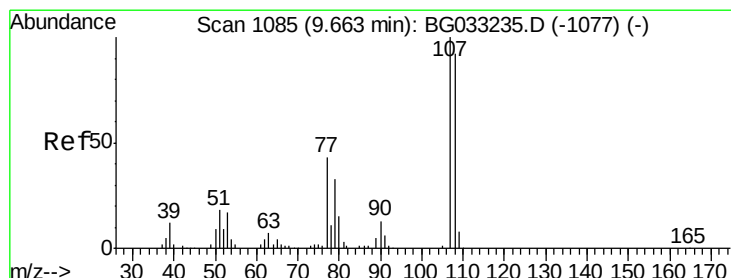
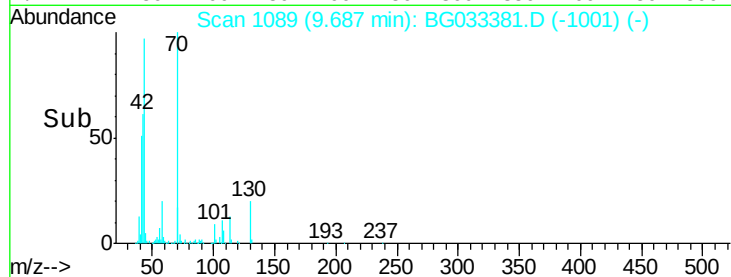
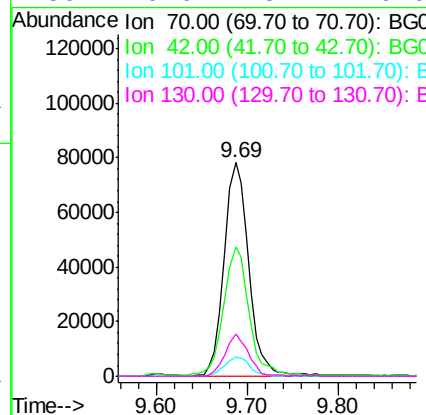
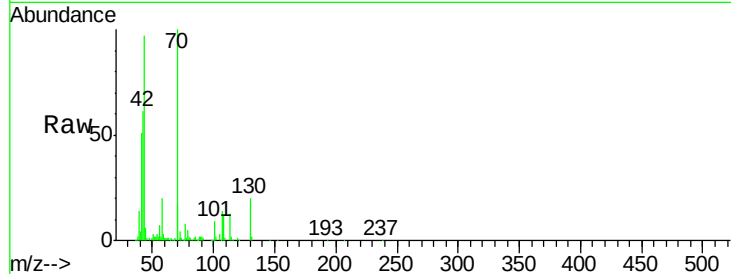




#19
n-Nitroso-di-n-propylamine
Concen: 39.243 ng
RT: 9.69 min Scan# 1089
Delta R.T. -0.01 min
Lab File: BG033381.D
Acq: 28 Mar 2018 3:48

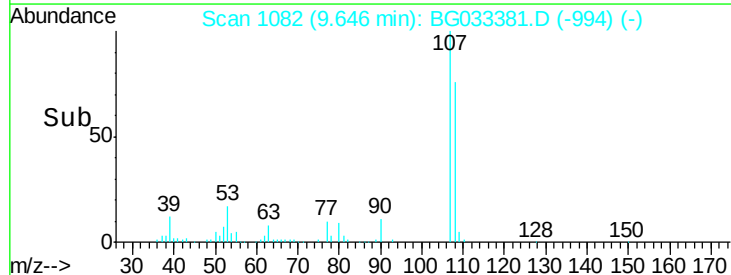
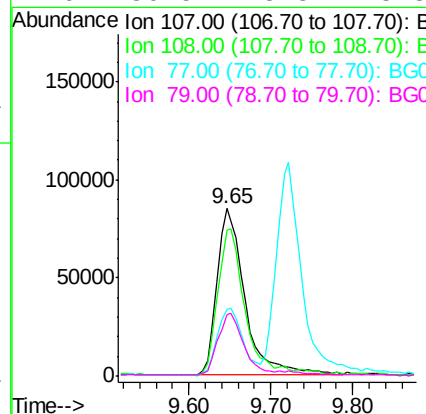
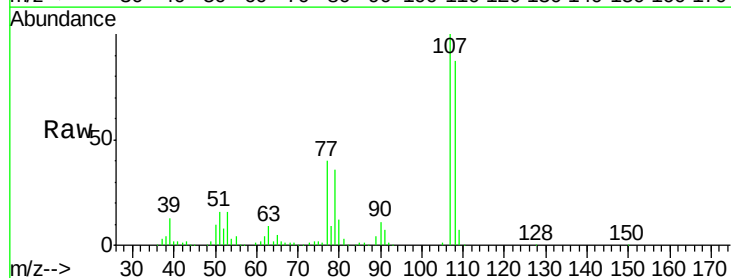
Instrument :
BNA_G
ClientSampleId :

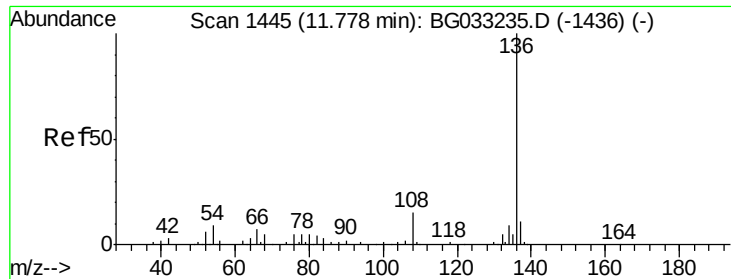
Tot Ion:	70	Resp:	148483
Ion	Ratio	Lower	Upper
70	100		
42	60.5	49.1	73.7
101	9.0	8.5	12.7
130	19.6	13.4	20.0



#20
3+4-Methylphenols
Concen: 41.197 ng
RT: 9.65 min Scan# 1082
Delta R.T. -0.01 min
Lab File: BG033381.D
Acq: 28 Mar 2018 3:48

Tgt Ion:	107	Resp:	203711
Ion	Ratio	Lower	Upper
107	100		
108	87.3	61.6	101.6
77	39.8	13.9	53.9
79	36.5	8.8	48.8

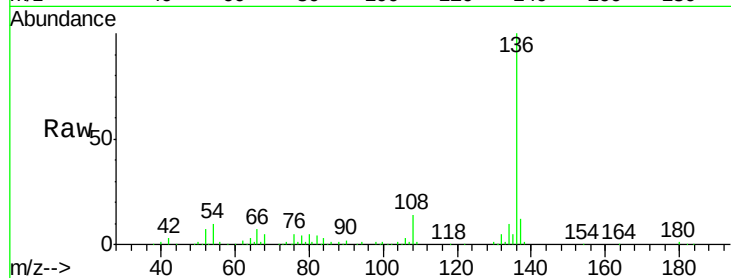




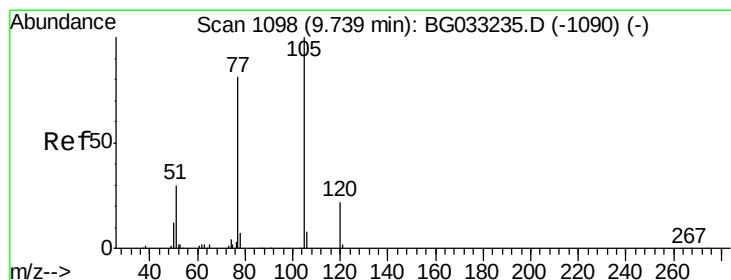
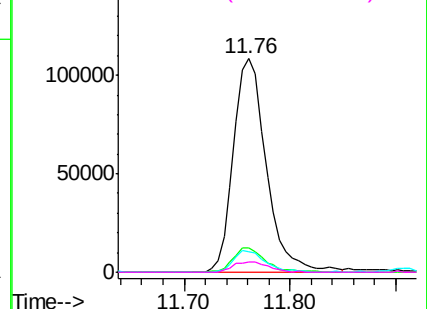
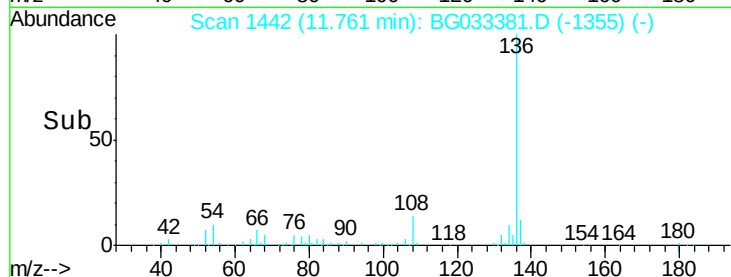
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.76 min Scan# 1442
Delta R.T. -0.02 min
Lab File: BG033381.D
Acq: 28 Mar 2018 3:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	233842
Ion Ratio	Lower	Upper
136	100	
137	11.6	9.2 13.8
54	9.7	10.3 15.5#
68	4.6	4.5 6.7

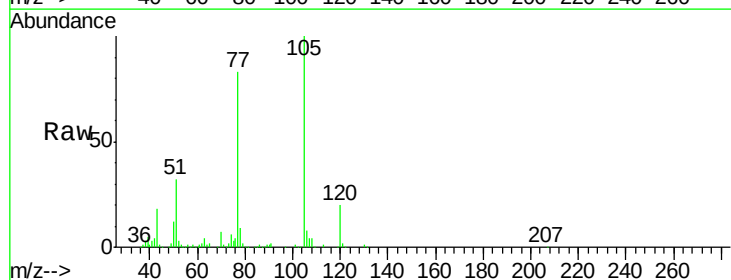


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

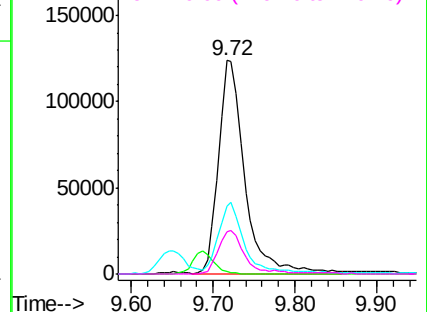
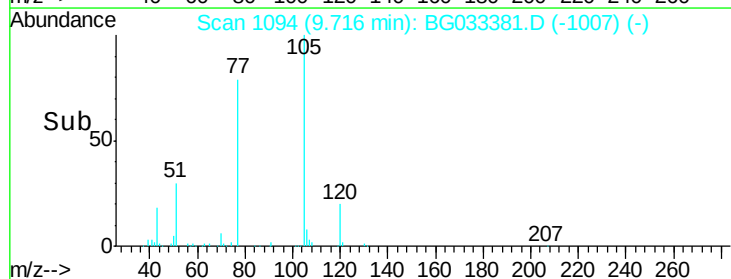


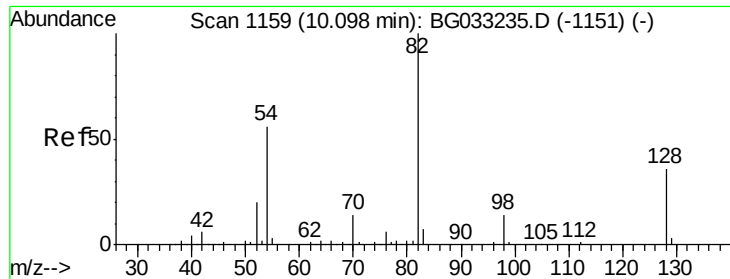
#22
Acetophenone
Concen: 43.034 ng
RT: 9.72 min Scan# 1094
Delta R.T. -0.02 min
Lab File: BG033381.D
Acq: 28 Mar 2018 3:48

Tgt Ion:105	Resp:	275696
Ion Ratio	Lower	Upper
105	100	
71	1.0	3.0 4.4#
51	32.0	26.1 39.1
120	19.7	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

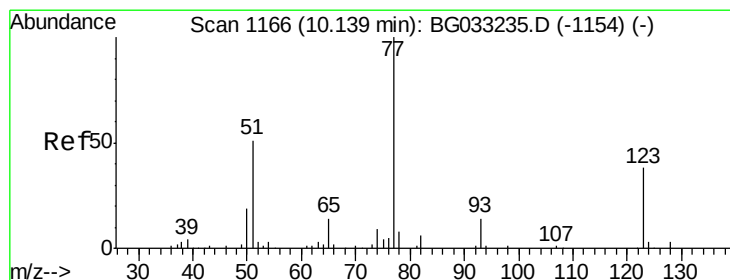
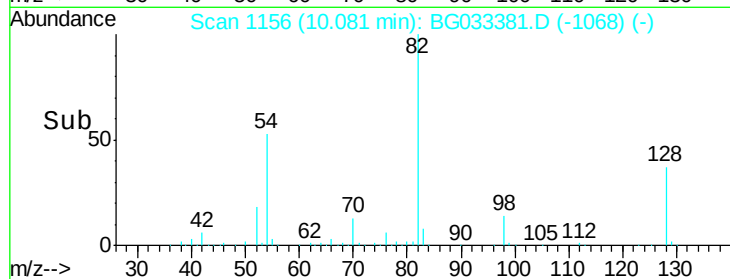
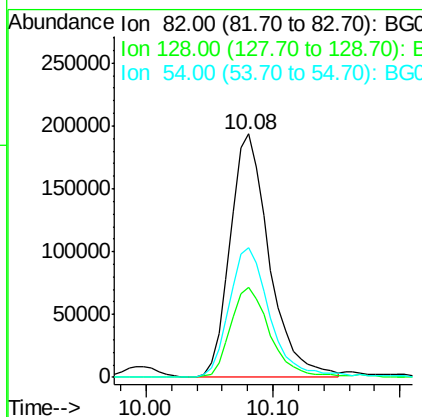
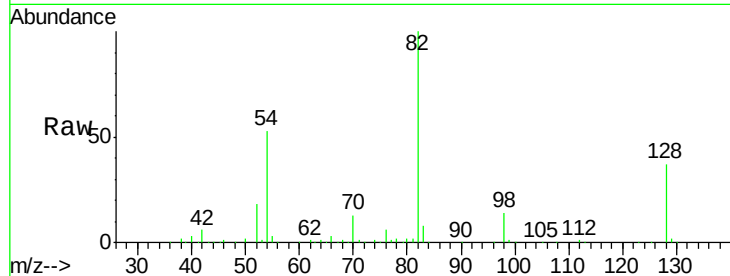




#23
 Nitrobenzene-d5
 Concen: 81.662 ng
 RT: 10.08 min Scan# 1156
 Delta R.T. -0.01 min
 Lab File: BG033381.D
 Acq: 28 Mar 2018 3:48

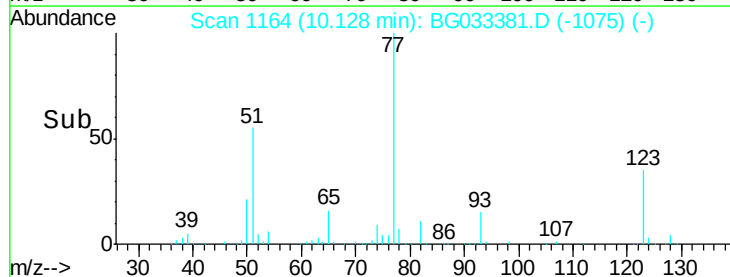
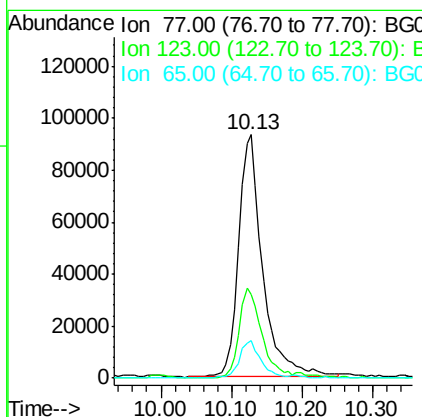
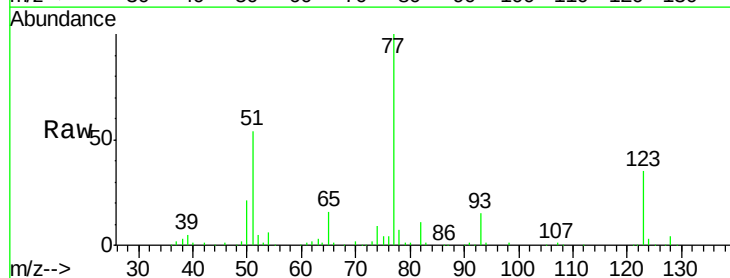
Instrument :
 BNA_G
 ClientSampleId :

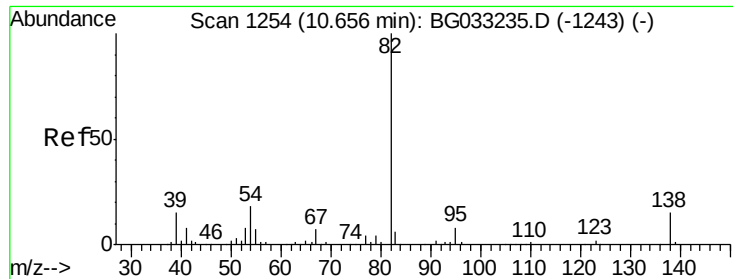
Tot Ion	82	Resp	415638
Ion Ratio	100	Lower	Upper
128	36.8	29.7	44.5
54	53.3	43.1	64.7



#24
 Nitrobenzene
 Concen: 40.531 ng
 RT: 10.13 min Scan# 1164
 Delta R.T. -0.01 min
 Lab File: BG033381.D
 Acq: 28 Mar 2018 3:48

Tgt Ion	77	Resp	220804
Ion Ratio	100	Lower	Upper
123	34.5	33.0	49.6
65	15.7	13.0	19.6





#25

Isophorone

Concen: 40.259 ng

RT: 10.64 min Scan# 1251

Delta R.T. -0.01 min

Lab File: BG033381.D

Acq: 28 Mar 2018 3:48

Instrument :

BNA_G

ClientSampleId :

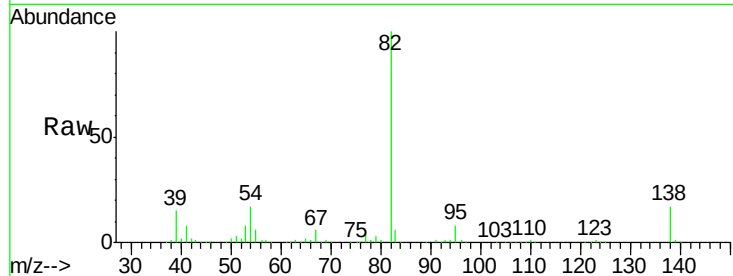
Tot Ion: 82 Resp: 397697

Ion Ratio Lower Upper

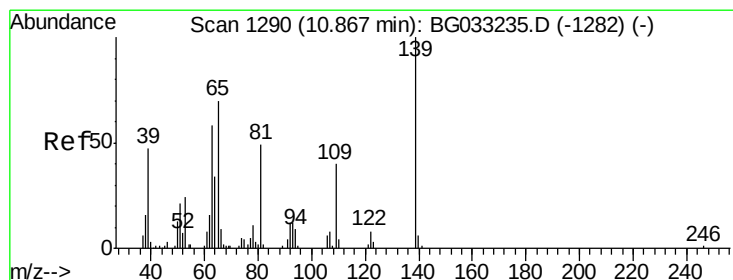
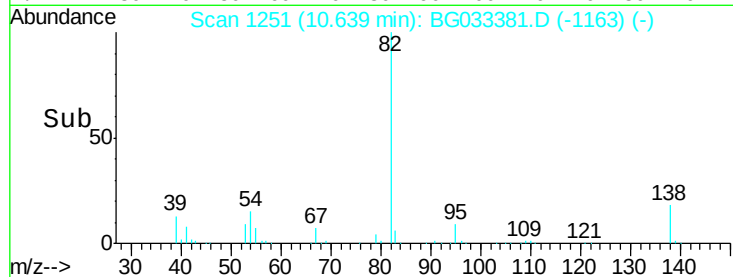
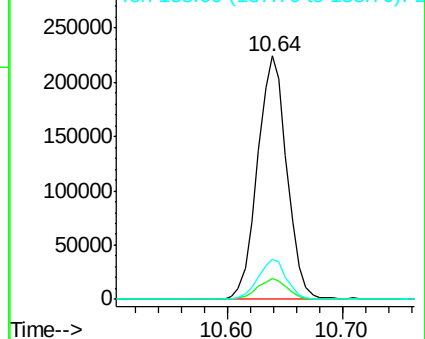
82 100

95 8.5 6.2 9.2

138 16.6 12.1 18.1



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



#26

2-Nitrophenol

Concen: 44.739 ng

RT: 10.85 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BG033381.D

Acq: 28 Mar 2018 3:48

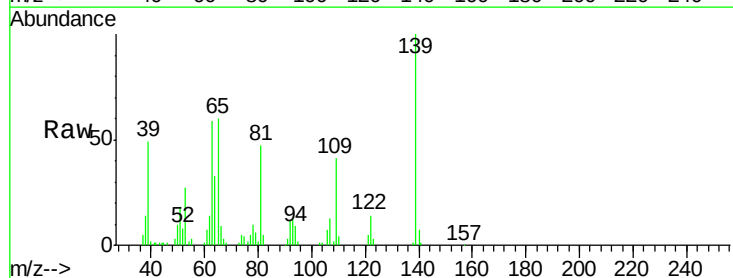
Tgt Ion: 139 Resp: 92275

Ion Ratio Lower Upper

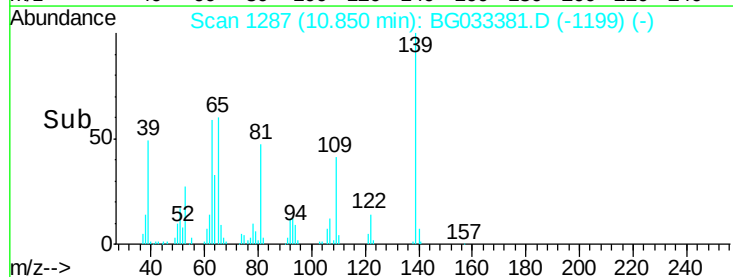
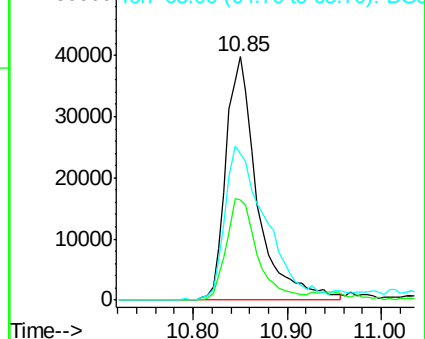
139 100

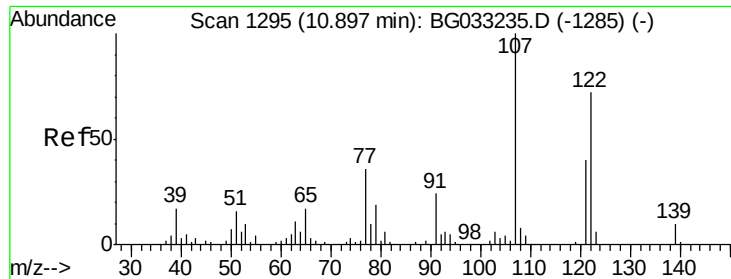
109 41.2 24.2 36.2#

65 60.0 47.4 71.0



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

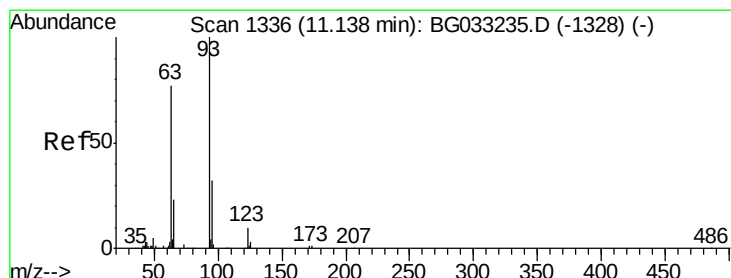
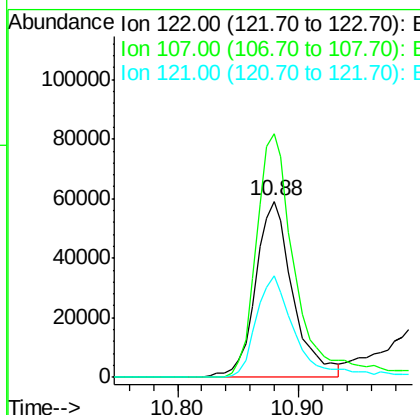
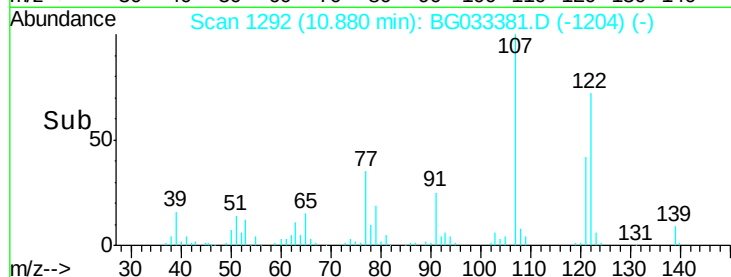
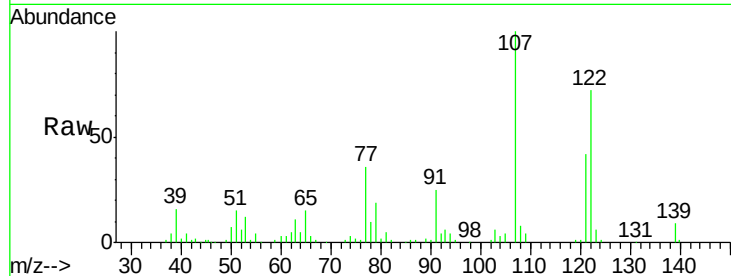




#27
 2,4-Dimethylphenol
 Concen: 42.295 ng
 RT: 10.88 min Scan# 1292
 Delta R.T. -0.01 min
 Lab File: BG033381.D
 Acq: 28 Mar 2018 3:48

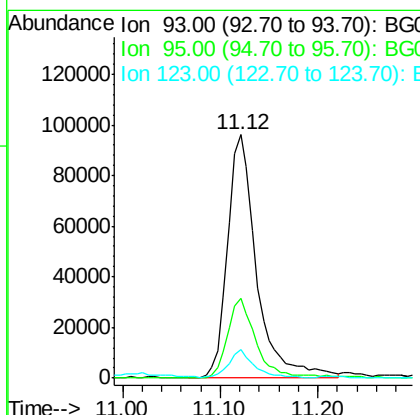
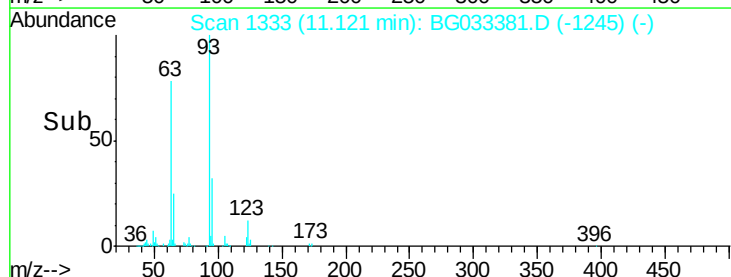
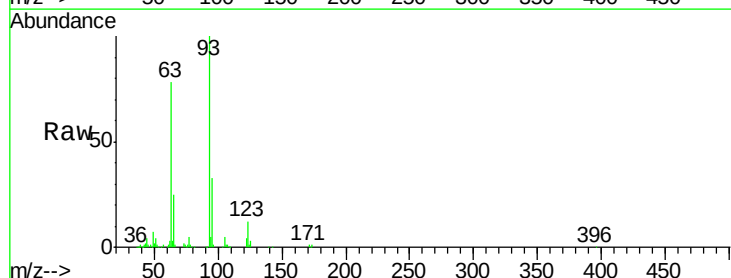
Instrument :
 BNA_G
 ClientSampled :

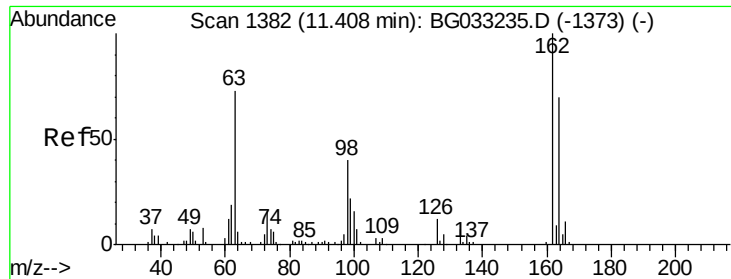
Tot Ion:122 Resp: 126727
 Ion Ratio Lower Upper
 122 100
 107 138.4 100.2 150.2
 121 57.8 44.4 66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.528 ng
 RT: 11.12 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BG033381.D
 Acq: 28 Mar 2018 3:48

Tgt Ion: 93 Resp: 199753
 Ion Ratio Lower Upper
 93 100
 95 32.7 24.3 36.5
 123 11.5 8.4 12.6

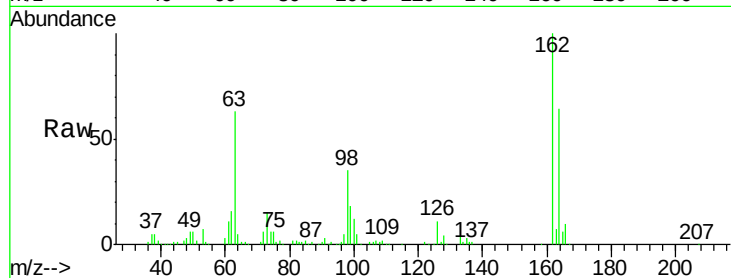




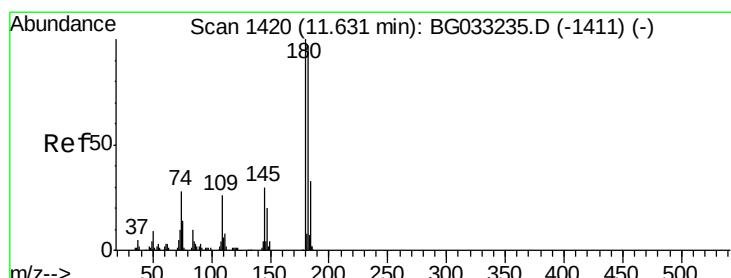
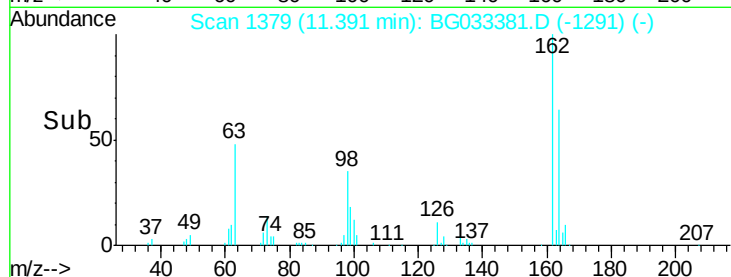
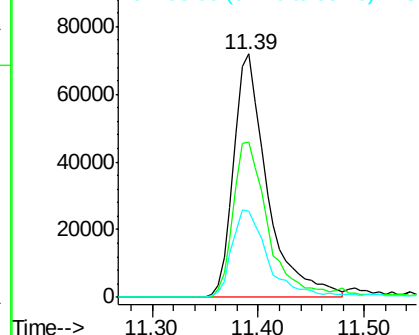
#29
2,4-Dichlorophenol
Concen: 43.162 ng
RT: 11.39 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BG033381.D
Acq: 28 Mar 2018 3:48

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	48.0	88.0
98	35.2	21.1	61.1

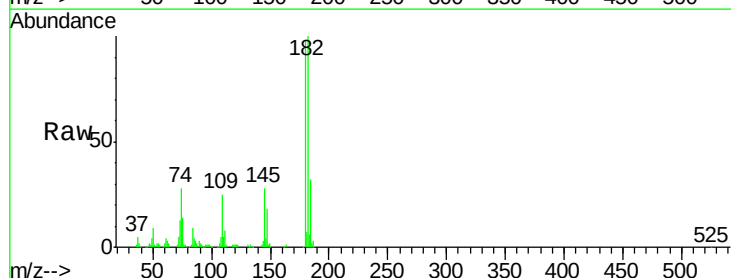


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BGC

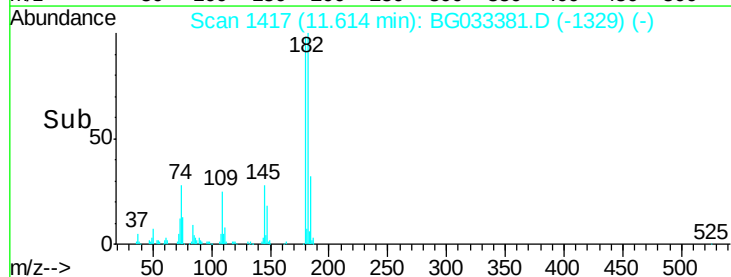
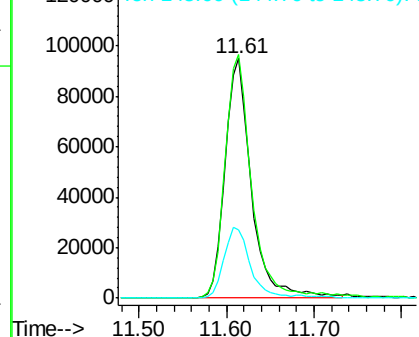


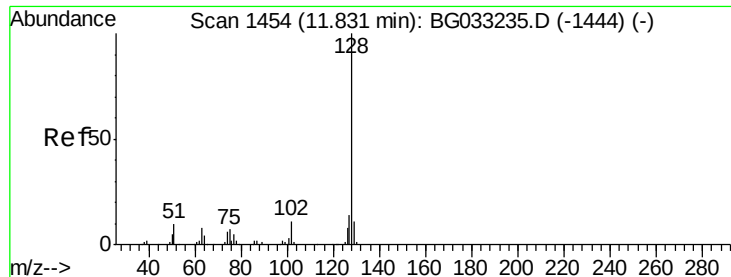
#30
1,2,4-Trichlorobenzene
Concen: 41.269 ng
RT: 11.61 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BG033381.D
Acq: 28 Mar 2018 3:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	101.8	77.5	116.3
145	28.6	23.4	35.2



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

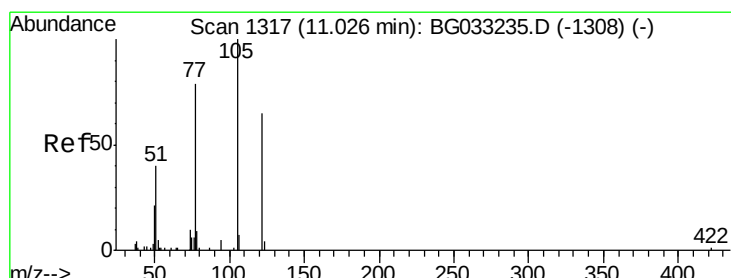
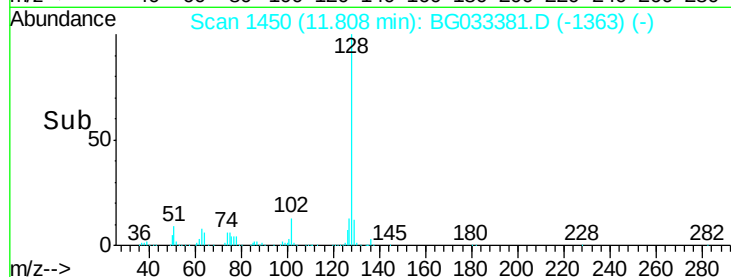
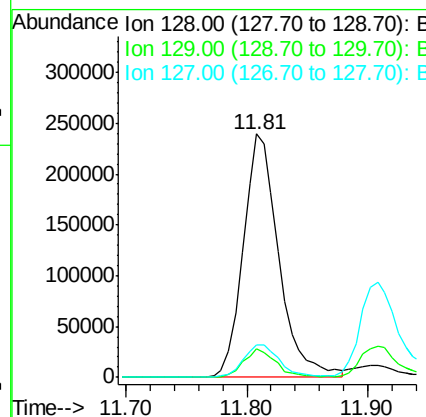
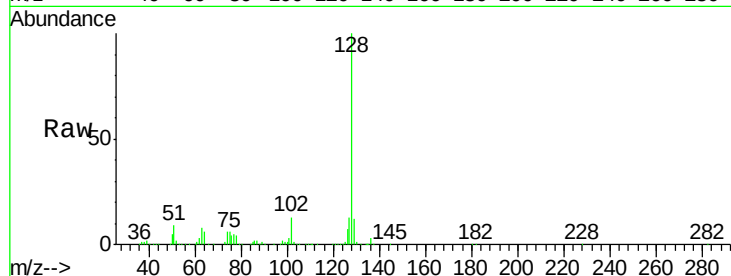




#31
Naphthalene
Concen: 40.517 ng
RT: 11.81 min Scan# 1450
Delta R.T. -0.02 min
Lab File: BG033381.D
Acq: 28 Mar 2018 3:48

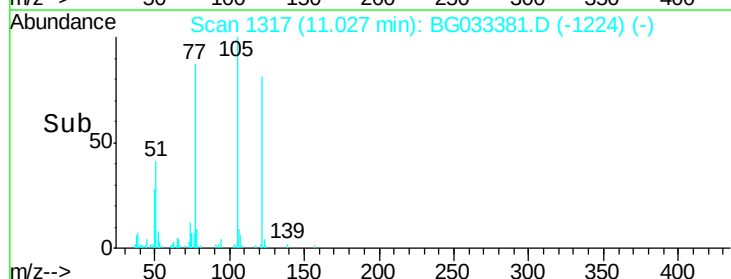
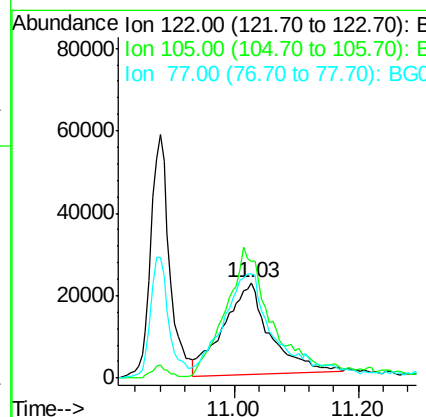
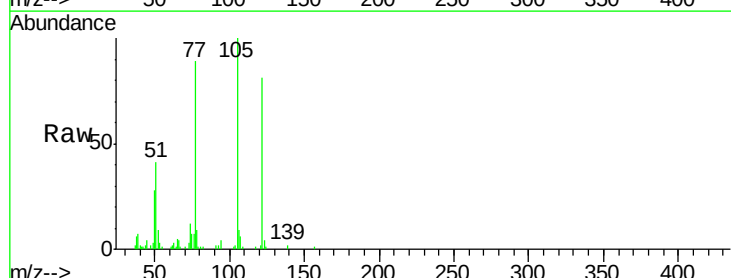
Instrument :
BNA_G
ClientSampleId :

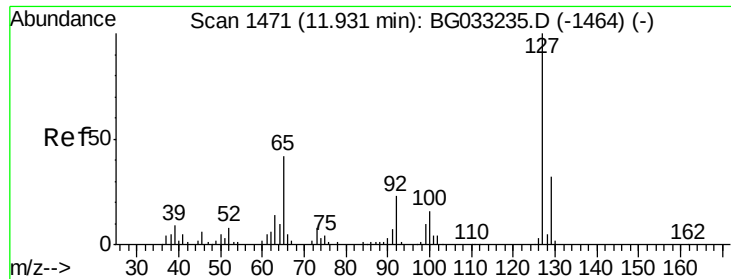
Tot Ion:128 Resp: 490970
Ion Ratio Lower Upper
128 100
129 12.0 8.6 12.8
127 13.5 11.6 17.4



#32
Benzoic acid
Concen: 41.409 ng
RT: 11.03 min Scan# 1317
Delta R.T. 0.02 min
Lab File: BG033381.D
Acq: 28 Mar 2018 3:48

Tgt Ion:122 Resp: 115338
Ion Ratio Lower Upper
122 100
105 122.8 123.5 163.5#
77 109.1 85.7 125.7

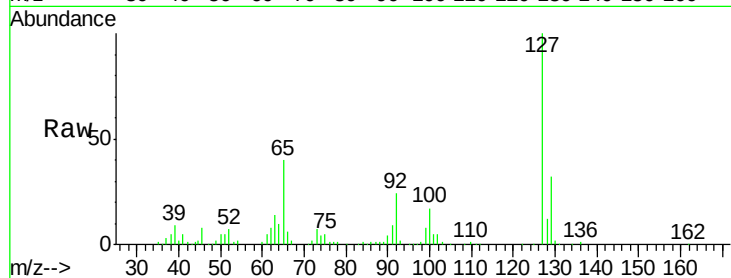




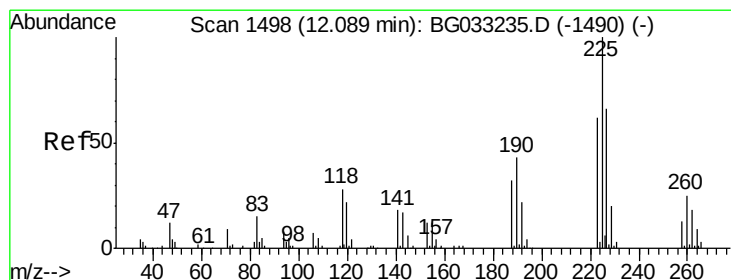
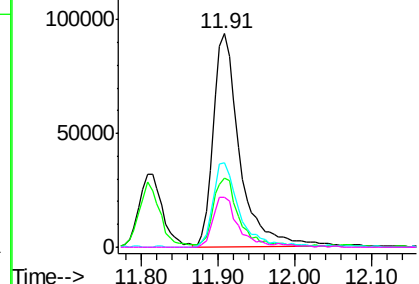
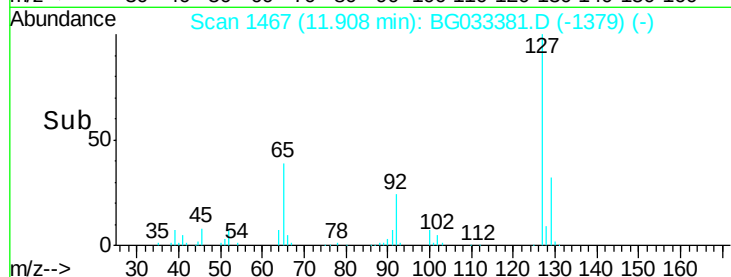
#33
4-Chloroaniline
Concen: 40.470 ng
RT: 11.91 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BG033381.D
Acq: 28 Mar 2018 3:48

Instrument :
BNA_G
ClientSampled :

Tot Ion:	127	Resp:	219714
Ion	Ratio	Lower	Upper
127	100		
129	32.1	24.0	36.0
65	39.8	27.0	40.4
92	23.7	16.6	25.0

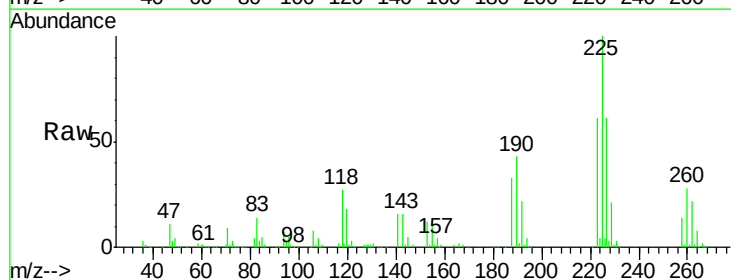


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

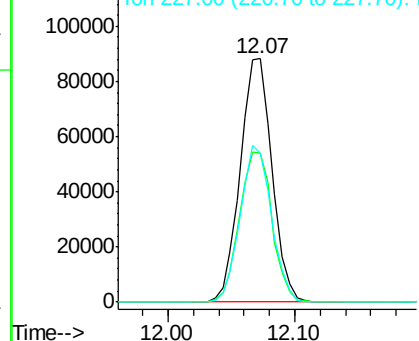
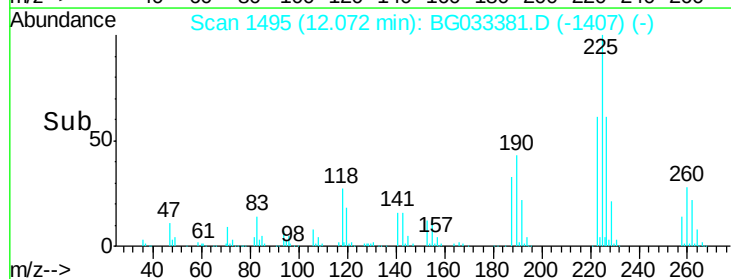


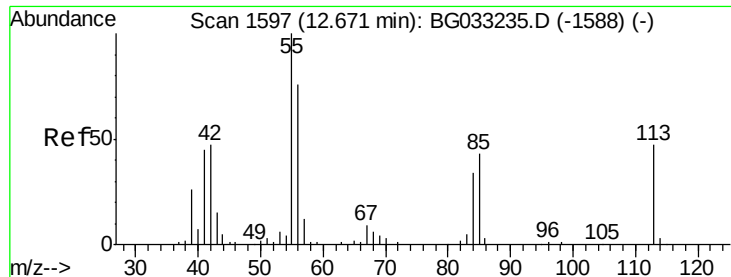
#34
Hexachlorobutadiene
Concen: 42.289 ng
RT: 12.07 min Scan# 1495
Delta R.T. -0.01 min
Lab File: BG033381.D
Acq: 28 Mar 2018 3:48

Tgt Ion:	225	Resp:	153102
Ion	Ratio	Lower	Upper
225	100		
223	61.2	49.7	74.5
227	61.1	48.1	72.1



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

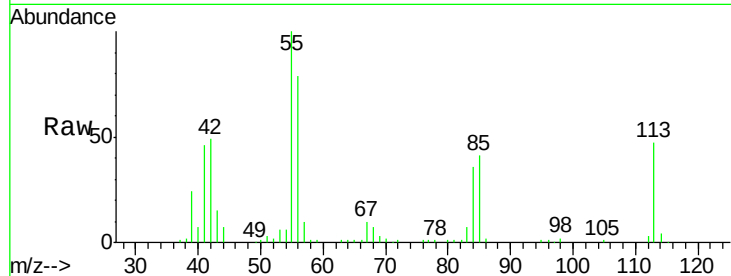




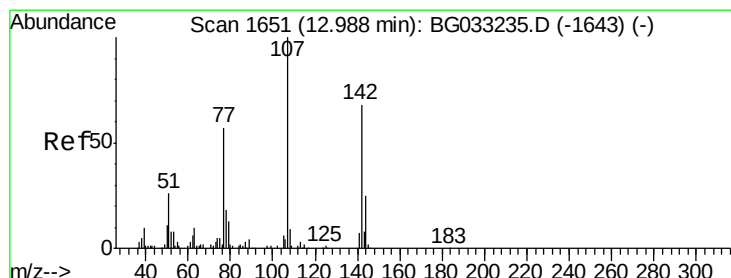
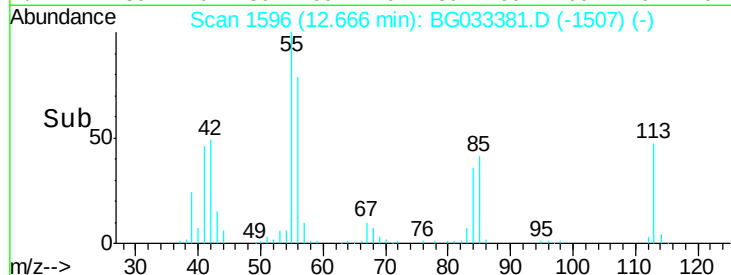
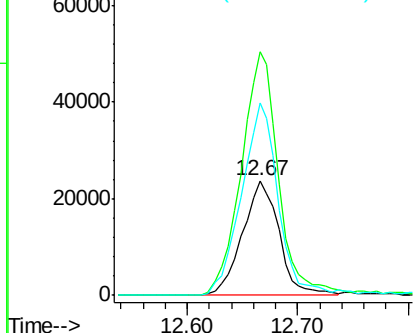
#35
 Caprolactam
 Concen: 38.335 ng
 RT: 12.67 min Scan# 1596
 Delta R.T. -0.01 min
 Lab File: BG033381.D
 Acq: 28 Mar 2018 3:48

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:113 Resp: 55339
 Ion Ratio Lower Upper
 113 100
 55 212.5 186.9 226.9
 56 167.6 130.9 170.9

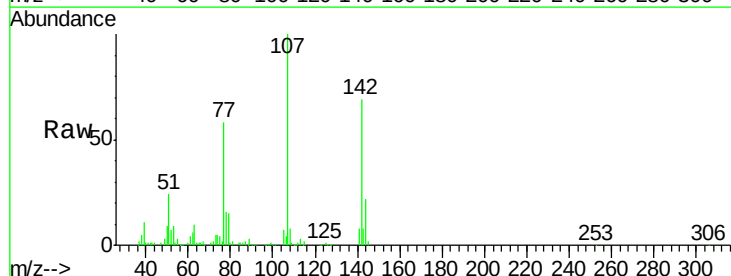


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BGC
 Ion 56.00 (55.70 to 56.70): BGC

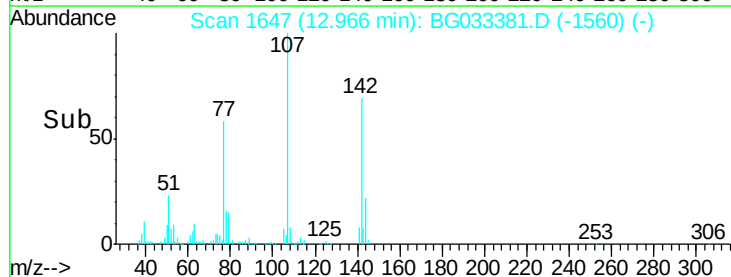
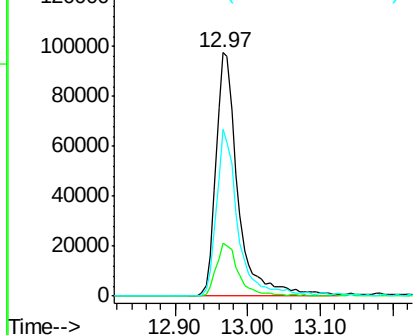


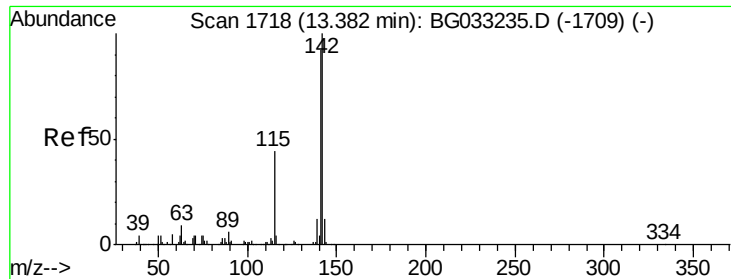
#36
 4-Chloro-3-methylphenol
 Concen: 42.942 ng
 RT: 12.97 min Scan# 1647
 Delta R.T. -0.02 min
 Lab File: BG033381.D
 Acq: 28 Mar 2018 3:48

Tgt Ion:107 Resp: 206375
 Ion Ratio Lower Upper
 107 100
 144 22.0 18.2 27.4
 142 68.6 59.0 88.4



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

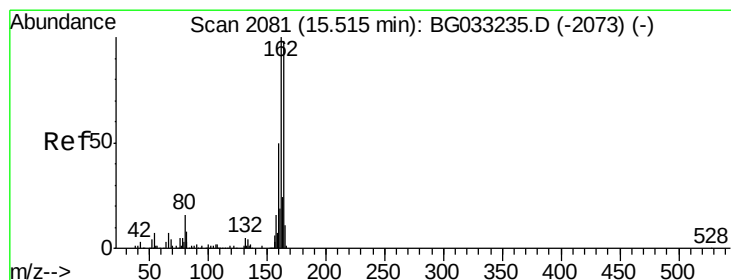
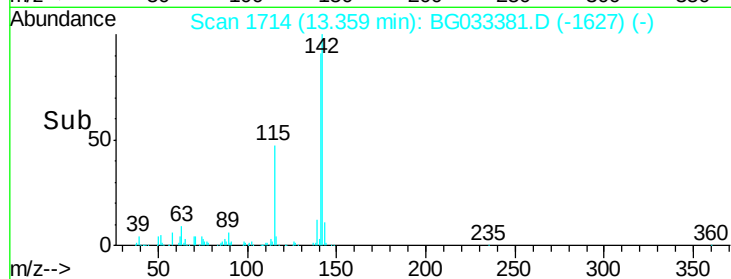
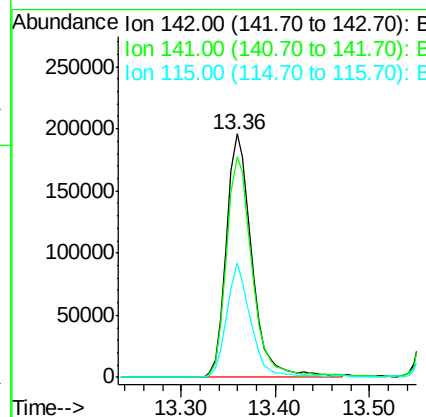
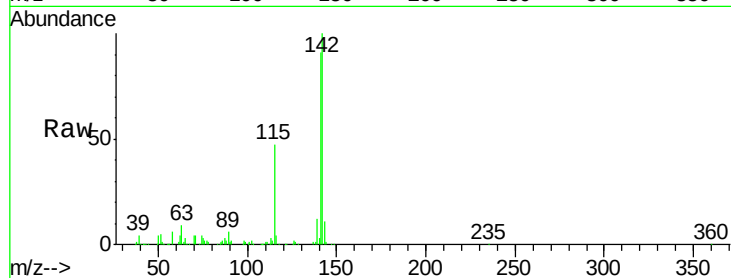




#37
2-Methylnaphthalene
Concen: 39.340 ng
RT: 13.36 min Scan# 1714
Delta R.T. -0.02 min
Lab File: BG033381.D
Acq: 28 Mar 2018 3:48

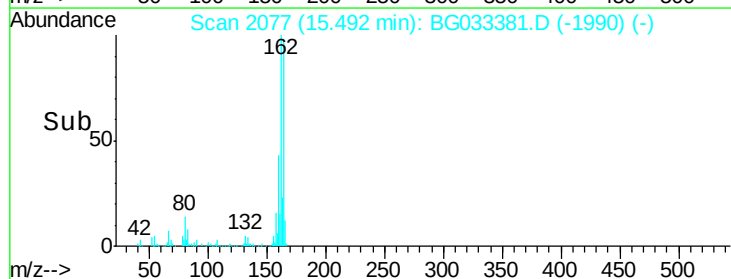
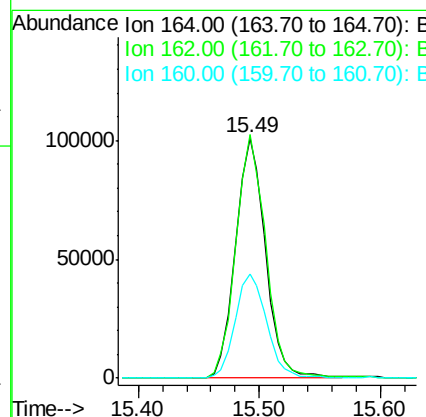
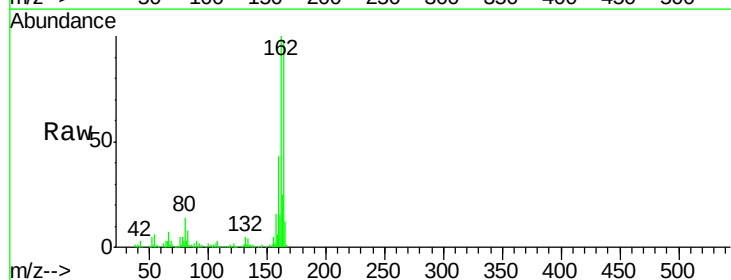
Instrument :
BNA_G
ClientSampleId :

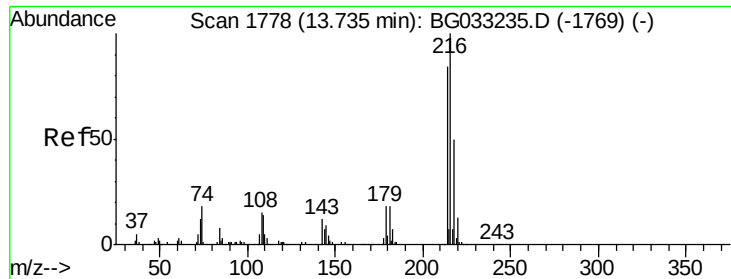
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.7	67.1	100.7
115	47.0	30.7	46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.49 min Scan# 2077
Delta R.T. -0.02 min
Lab File: BG033381.D
Acq: 28 Mar 2018 3:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.5	78.8	118.2
160	43.5	35.4	53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.196 ng

RT: 13.72 min Scan# 1775

Delta R.T. -0.01 min

Lab File: BG033381.D

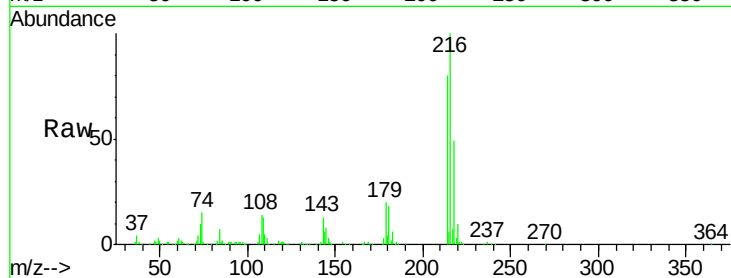
Acq: 28 Mar 2018 3:48

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	216	Resp:	260567
Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.0	94.4
179	20.4	17.0	25.6
108	16.2	12.8	19.2

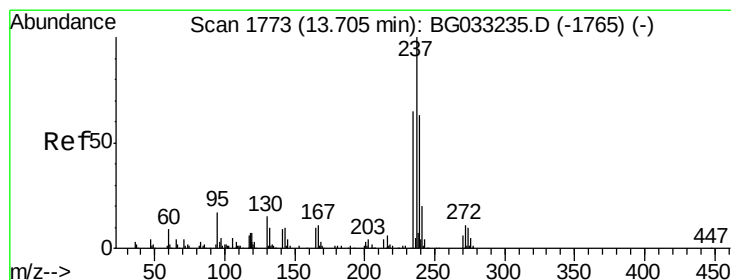
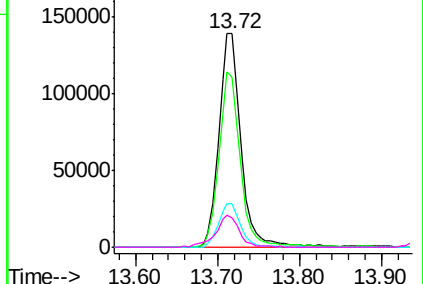
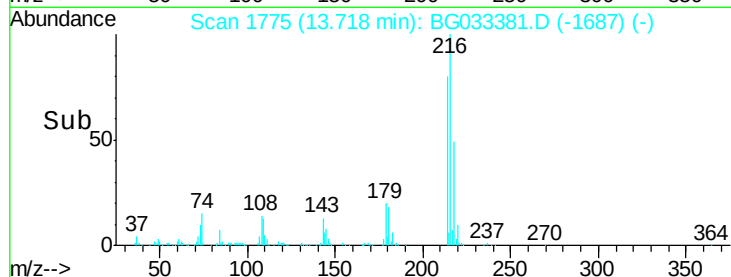


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 41.505 ng

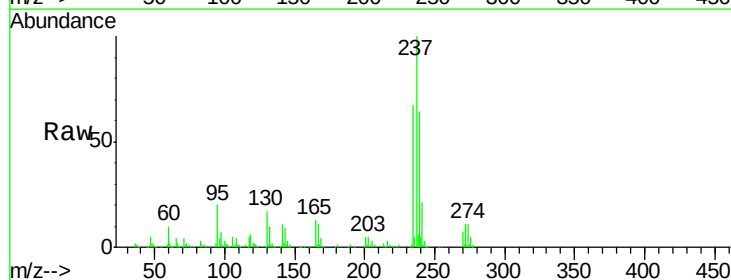
RT: 13.68 min Scan# 1769

Delta R.T. -0.02 min

Lab File: BG033381.D

Acq: 28 Mar 2018 3:48

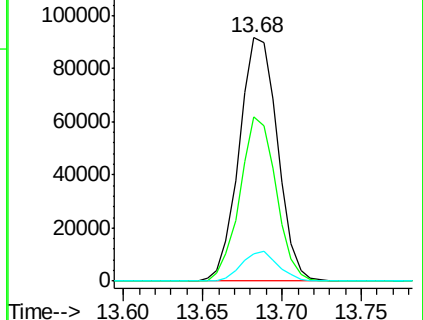
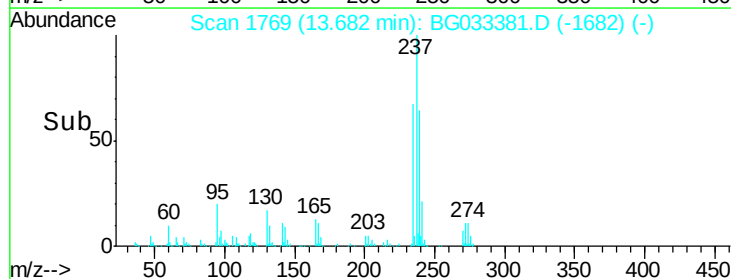
Tgt Ion:	237	Resp:	153896
Ion	Ratio	Lower	Upper
237	100		
235	67.4	50.4	90.4
272	11.3	0.0	31.8

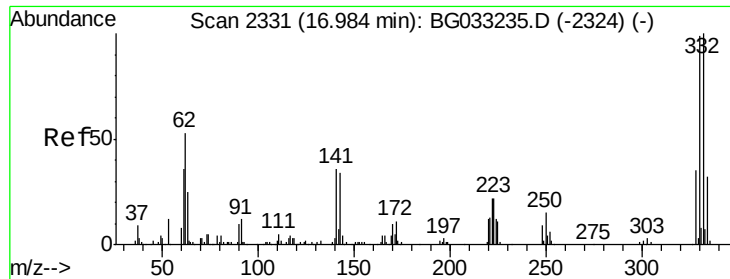


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

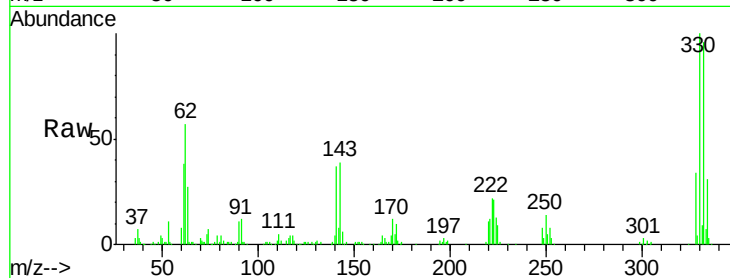




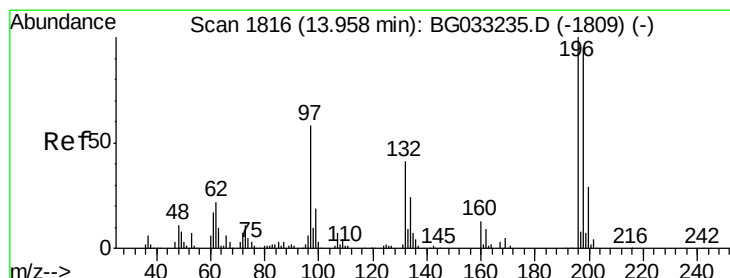
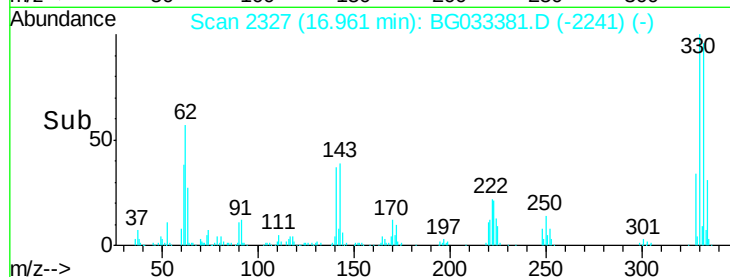
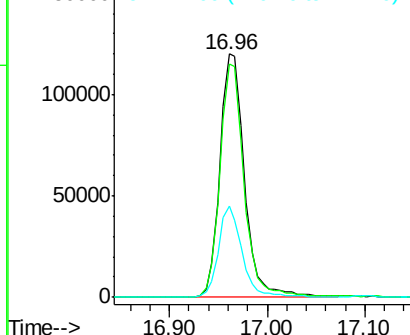
#41
 2,4,6-Tribromophenol
 Concen: 80.642 ng
 RT: 16.96 min Scan# 2327
 Delta R.T. -0.03 min
 Lab File: BG033381.D
 Acq: 28 Mar 2018 3:48

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.9	77.0	115.6
141	35.7	25.2	37.8

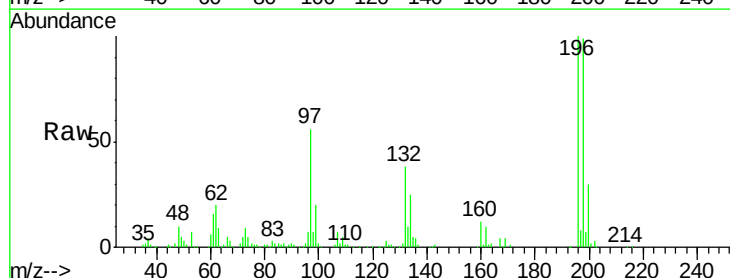


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

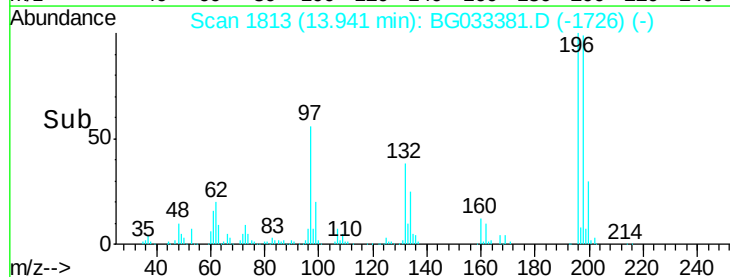
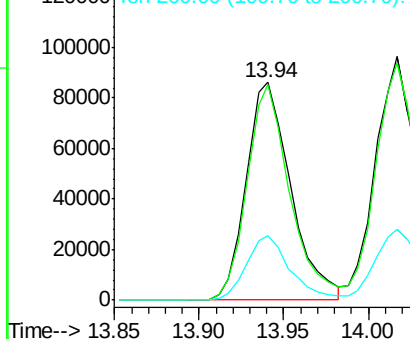


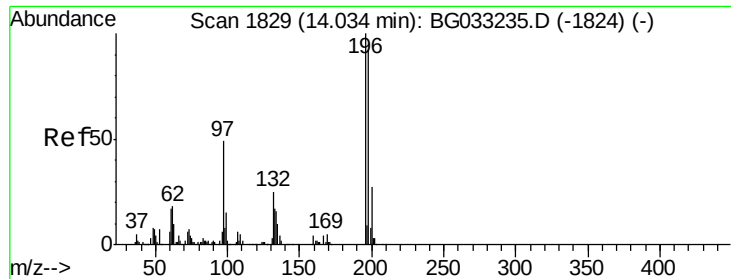
#42
 2,4,6-Trichlorophenol
 Concen: 43.164 ng
 RT: 13.94 min Scan# 1813
 Delta R.T. -0.02 min
 Lab File: BG033381.D
 Acq: 28 Mar 2018 3:48

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.9	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

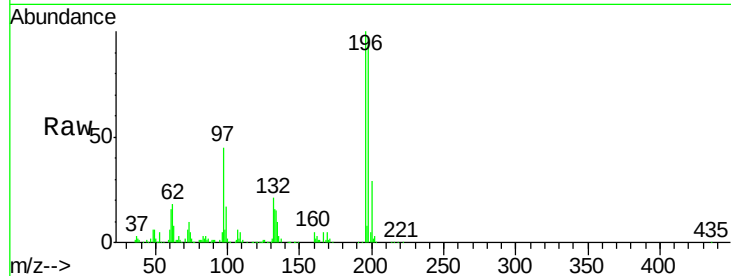




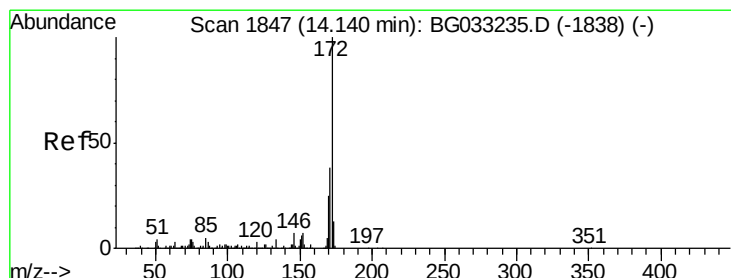
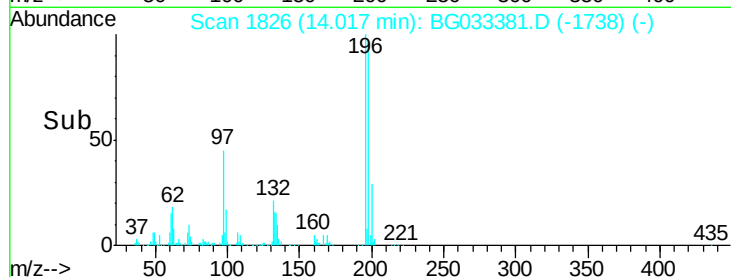
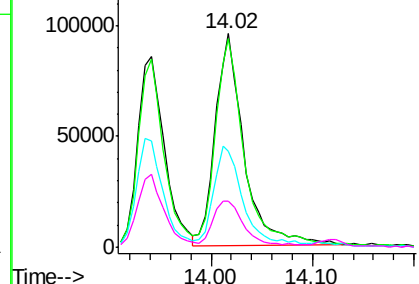
#43
 2,4,5-Trichlorophenol
 Concen: 43.454 ng
 RT: 14.02 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BG033381.D
 Acq: 28 Mar 2018 3:48

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196	Resp:	188750
Ion Ratio	Lower	Upper
196	100	
198	97.4	76.2 114.4
97	45.0	38.7 58.1
132	21.5	20.2 30.2

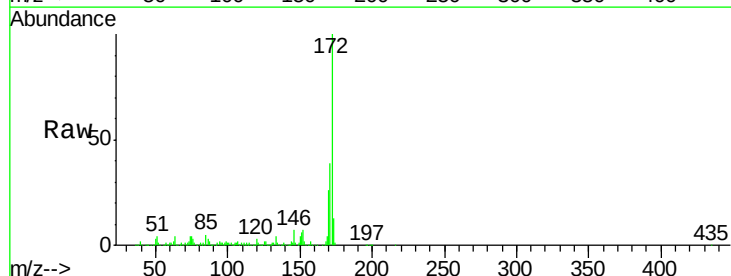


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

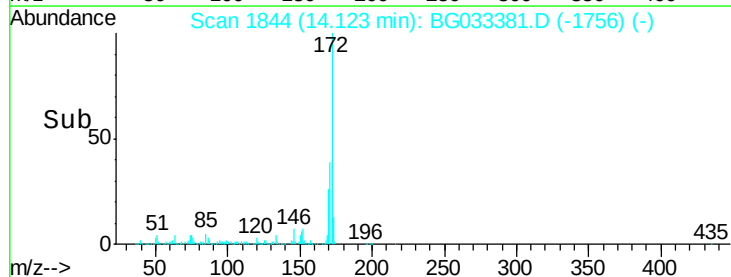
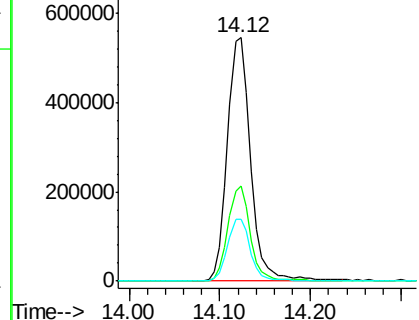


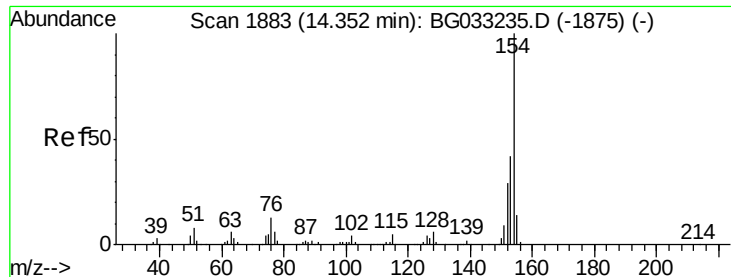
#44
 2-Fluorobiphenyl
 Concen: 80.442 ng
 RT: 14.12 min Scan# 1844
 Delta R.T. -0.01 min
 Lab File: BG033381.D
 Acq: 28 Mar 2018 3:48

Tgt Ion:172	Resp:	972990
Ion Ratio	Lower	Upper
172	100	
171	39.0	30.0 45.0
170	25.6	19.5 29.3



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





#45

1,1'-Biphenyl

Concen: 40.823 ng

RT: 14.33 min Scan# 1880

Delta R.T. -0.01 min

Lab File: BG033381.D

Acq: 28 Mar 2018 3:48

Instrument :

BNA_G

ClientSampleId :

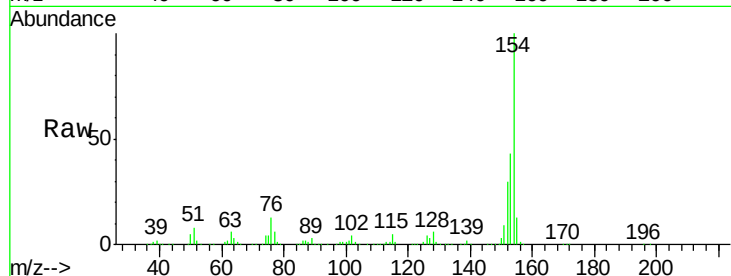
Tot Ion:154 Resp: 547649

Ion Ratio Lower Upper

154 100

153 42.8 19.8 59.8

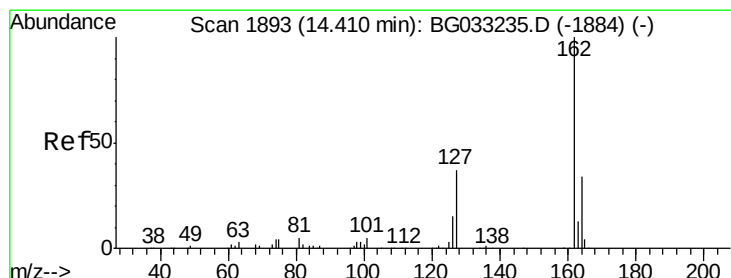
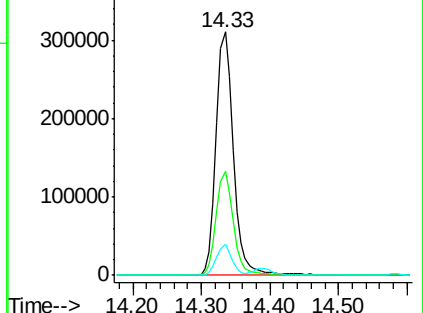
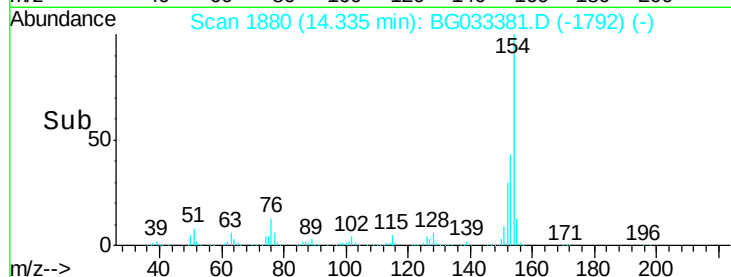
76 12.7 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 40.705 ng

RT: 14.39 min Scan# 1889

Delta R.T. -0.02 min

Lab File: BG033381.D

Acq: 28 Mar 2018 3:48

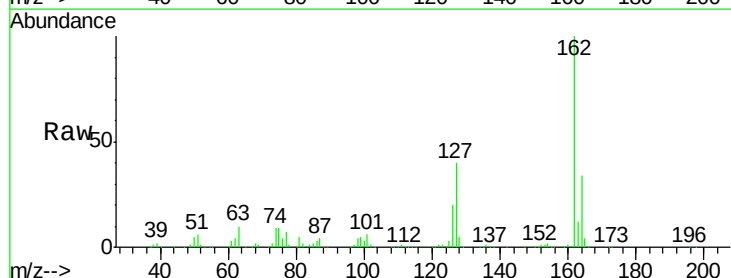
Tgt Ion:162 Resp: 421043

Ion Ratio Lower Upper

162 100

127 40.2 30.7 46.1

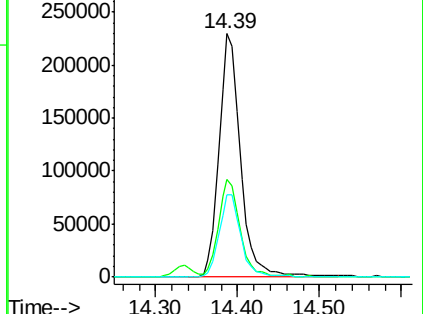
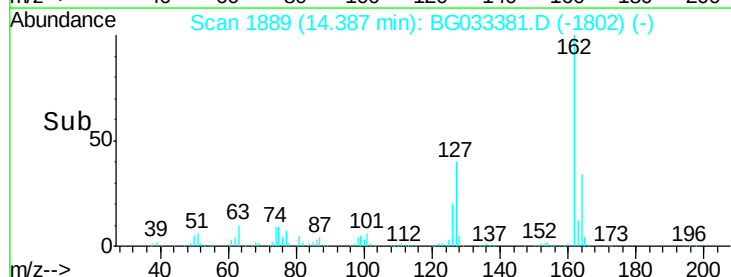
164 33.7 26.0 39.0

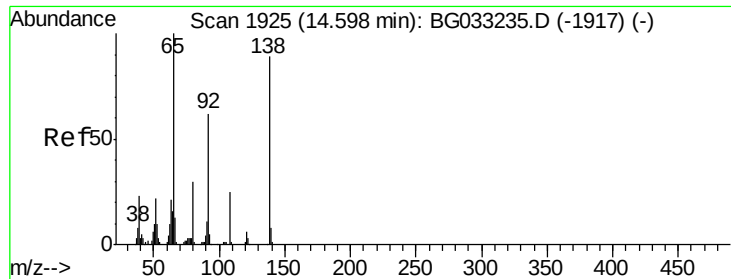


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

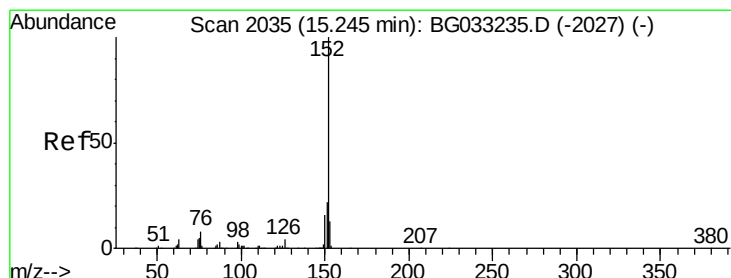
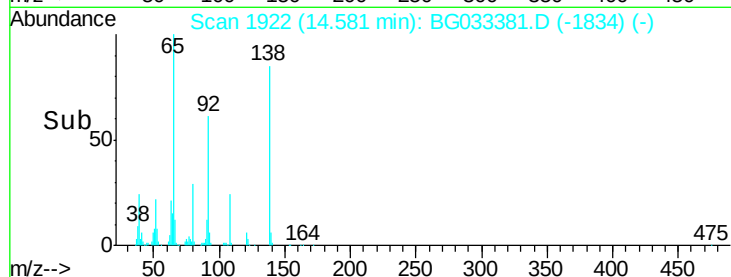
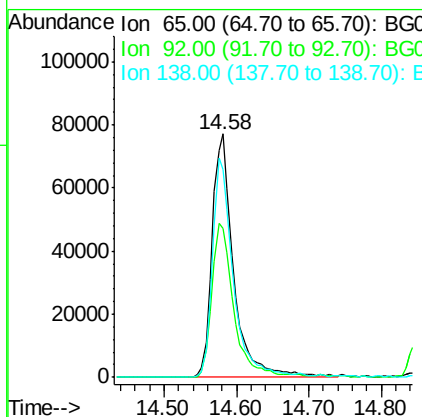
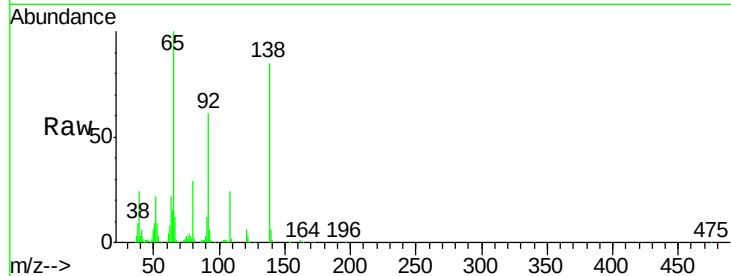




#47
 2-Nitroaniline
 Concen: 41.040 ng
 RT: 14.58 min Scan# 1922
 Delta R.T. -0.01 min
 Lab File: BG033381.D
 Acq: 28 Mar 2018 3:48

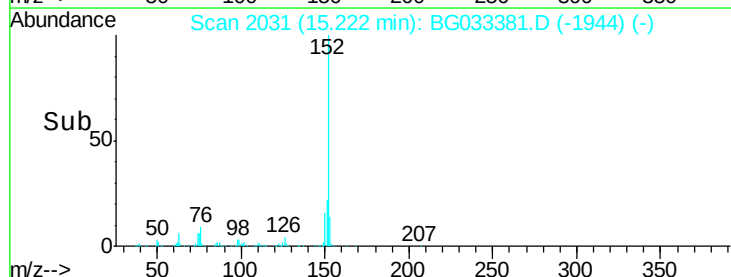
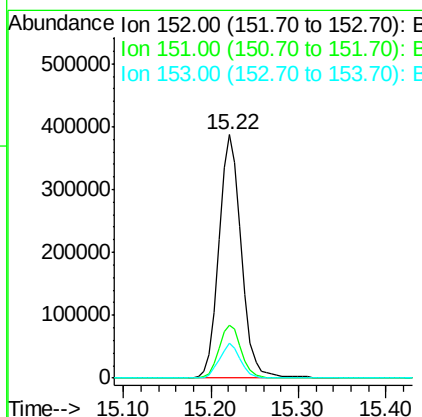
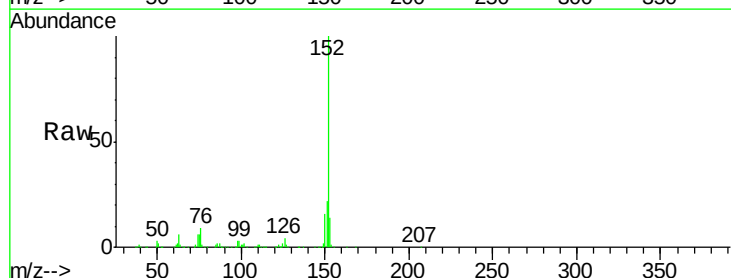
Instrument :
 BNA_G
 ClientSampleId :

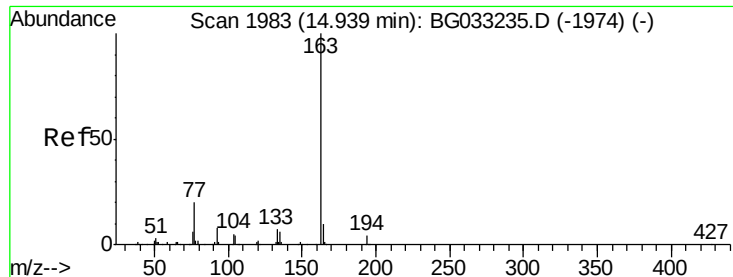
Tot Ion	Ratio	Lower	Upper
65	100		
92	61.4	54.6	82.0
138	85.4	72.9	109.3



#48
 Acenaphthylene
 Concen: 39.786 ng
 RT: 15.22 min Scan# 2031
 Delta R.T. -0.02 min
 Lab File: BG033381.D
 Acq: 28 Mar 2018 3:48

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.7	17.2	25.8
153	14.3	10.2	15.4





#49

Dimethylphthalate

Concen: 39.334 ng

RT: 14.92 min Scan# 1979

Delta R.T. -0.02 min

Lab File: BG033381.D

Acq: 28 Mar 2018 3:48

Instrument :

BNA_G

ClientSampled :

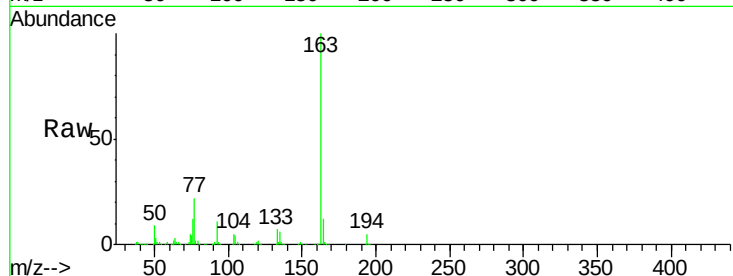
Tot Ion:163 Resp: 597724

Ion Ratio Lower Upper

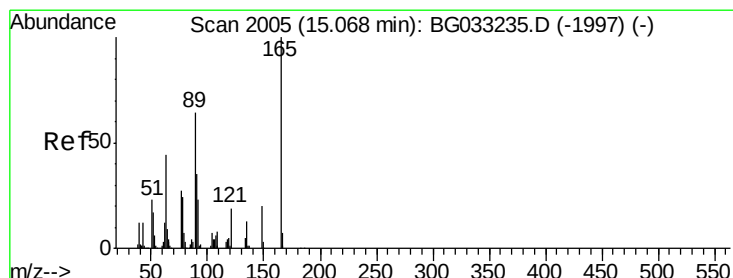
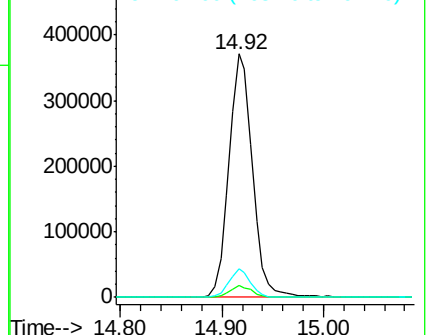
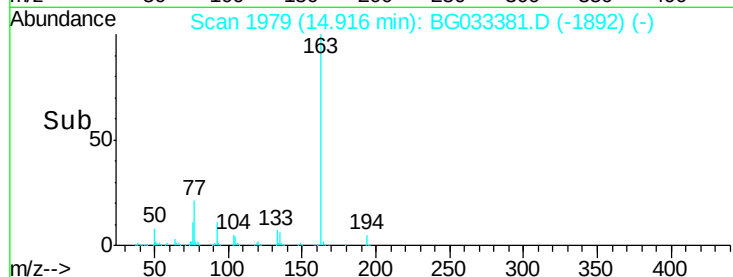
163 100

194 4.7 3.4 5.2

164 11.5 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 40.658 ng

RT: 15.05 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BG033381.D

Acq: 28 Mar 2018 3:48

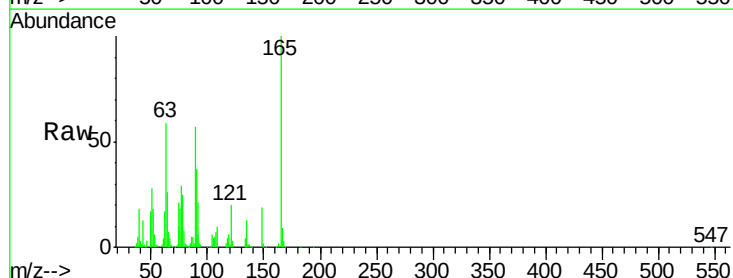
Tgt Ion:165 Resp: 126333

Ion Ratio Lower Upper

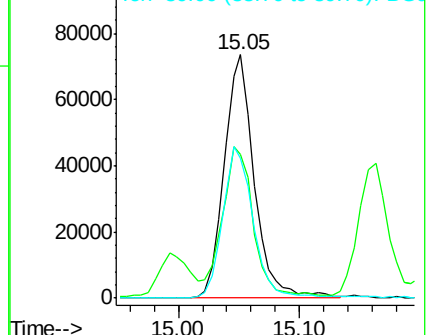
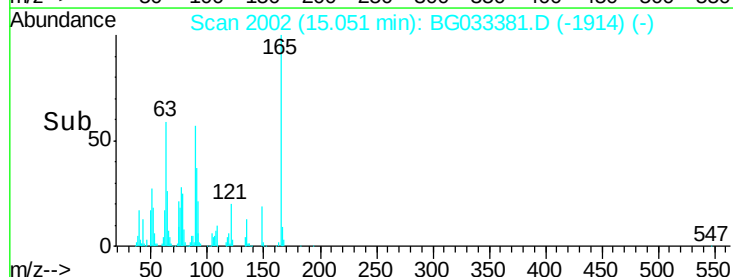
165 100

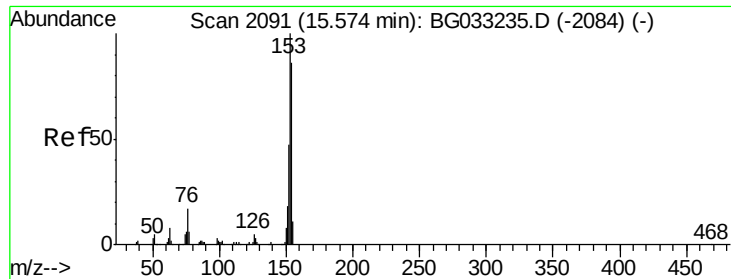
63 59.1 52.7 79.1

89 57.5 49.2 73.8



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 41.747 ng

RT: 15.56 min Scan# 2088

Delta R.T. -0.02 min

Lab File: BG033381.D

Acq: 28 Mar 2018 3:48

Instrument :

BNA_G

ClientSampleId :

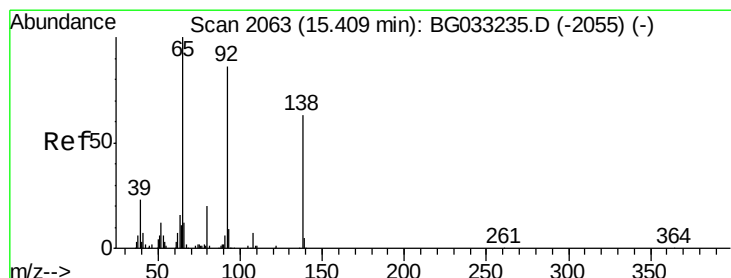
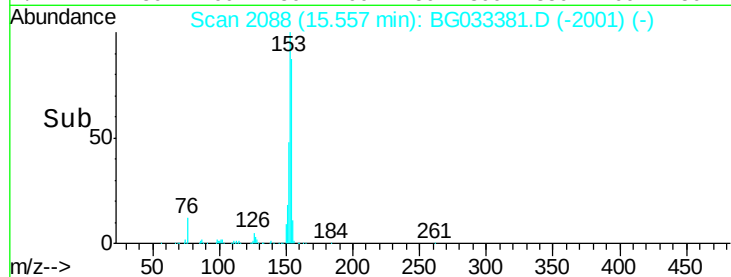
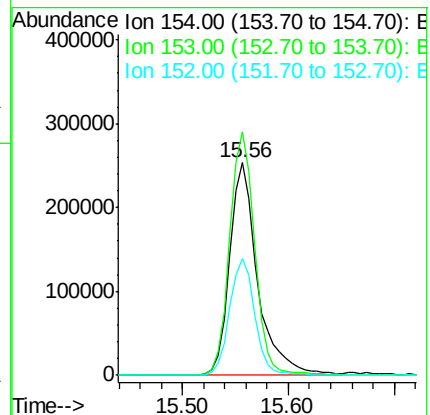
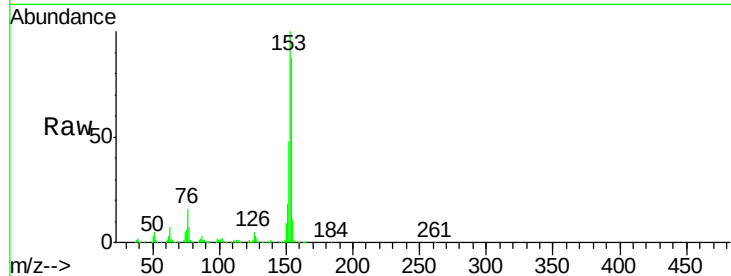
Tot Ion:154 Resp: 464659

Ion Ratio Lower Upper

154 100

153 114.5 90.4 135.6

152 55.1 41.6 62.4



#52

3-Nitroaniline

Concen: 37.281 ng

RT: 15.39 min Scan# 2059

Delta R.T. -0.02 min

Lab File: BG033381.D

Acq: 28 Mar 2018 3:48

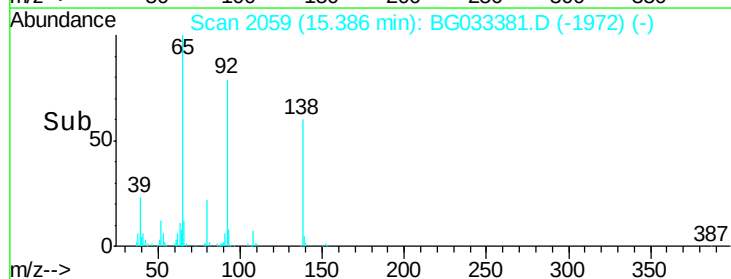
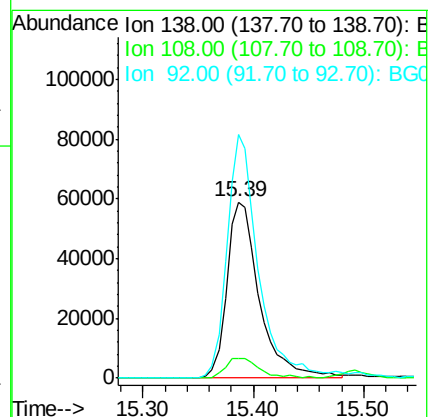
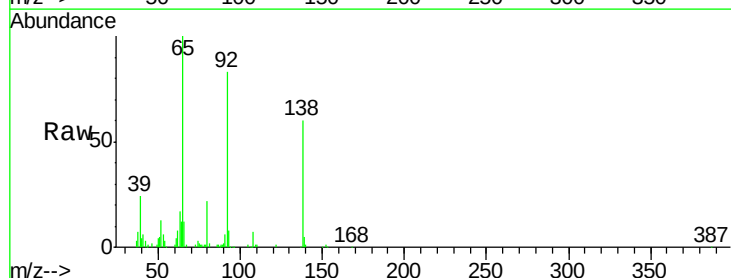
Tgt Ion:138 Resp: 121448

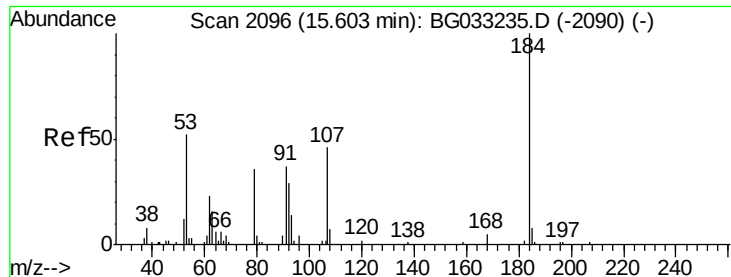
Ion Ratio Lower Upper

138 100

108 11.5 17.5 26.3#

92 138.0 105.8 158.8

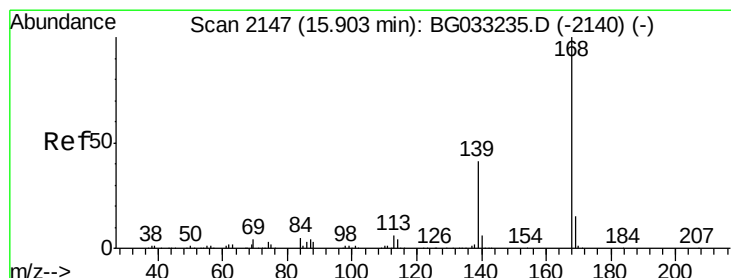
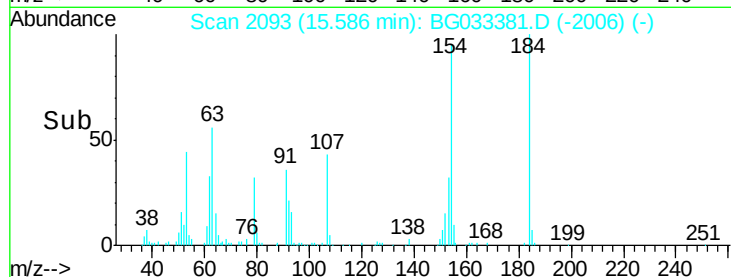
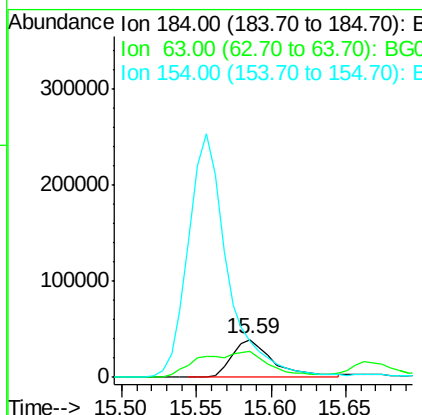
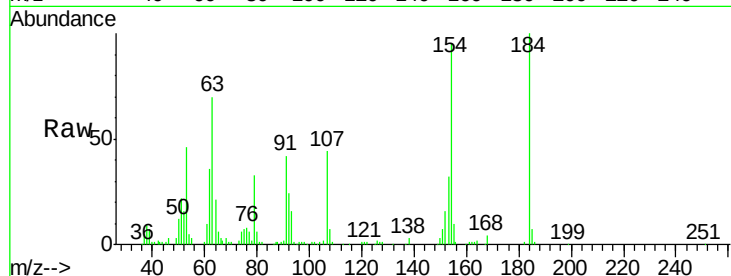




#53
 2,4-Dinitrophenol
 Concen: 50.195 ng
 RT: 15.59 min Scan# 2093
 Delta R.T. -0.02 min
 Lab File: BG033381.D
 Acq: 28 Mar 2018 3:48

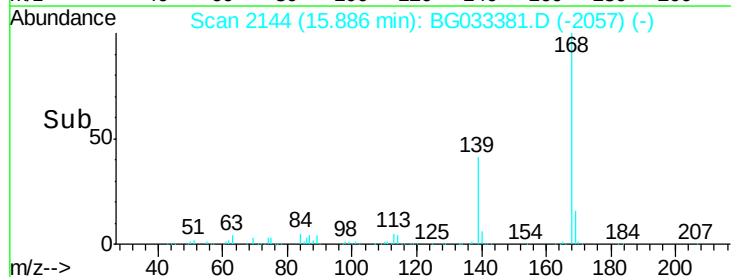
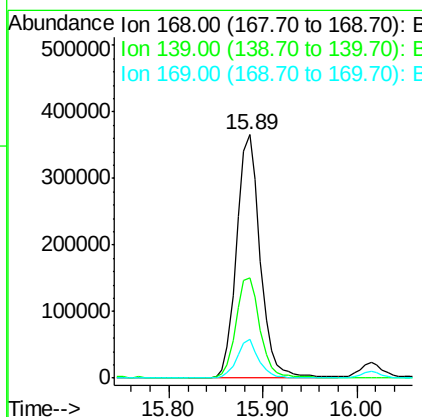
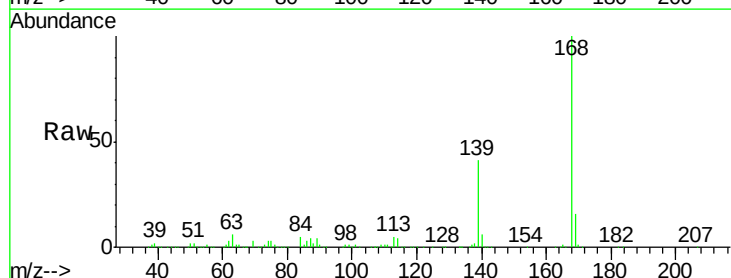
Instrument :
 BNA_G
 ClientSampleId :

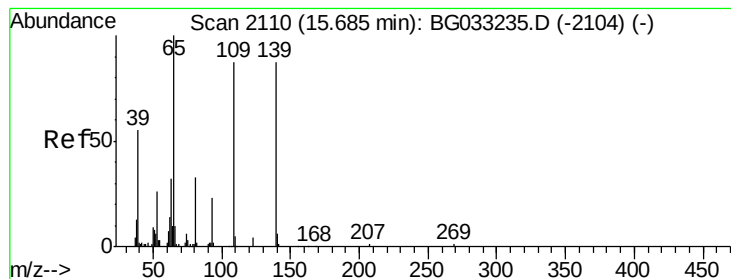
Tot Ion:184 Resp: 75702
 Ion Ratio Lower Upper
 184 100
 63 70.0 59.8 89.8
 154 94.7 101.8 152.8#



#54
 Dibenzofuran
 Concen: 38.803 ng
 RT: 15.89 min Scan# 2144
 Delta R.T. -0.02 min
 Lab File: BG033381.D
 Acq: 28 Mar 2018 3:48

Tgt Ion:168 Resp: 637958
 Ion Ratio Lower Upper
 168 100
 139 41.4 28.6 43.0
 169 16.0 11.2 16.8





#55

4-Nitrophenol

Concen: 36.220 ng

RT: 15.66 min Scan# 2106

Delta R.T. -0.02 min

Lab File: BG033381.D

Acq: 28 Mar 2018 3:48

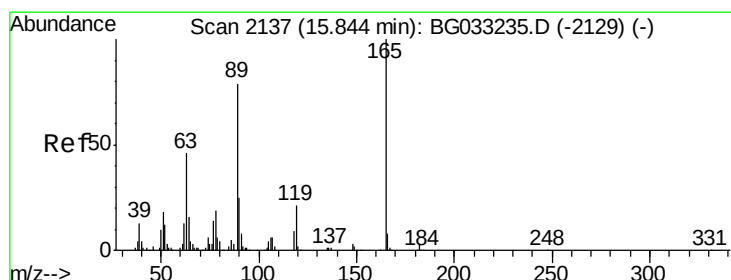
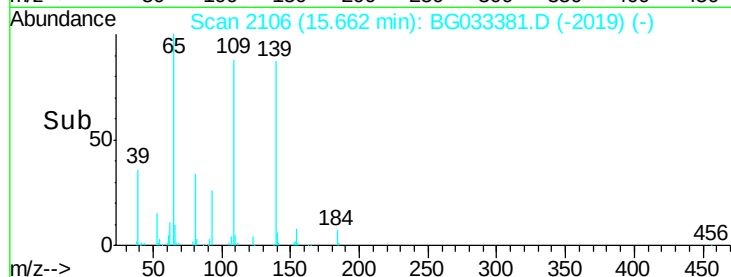
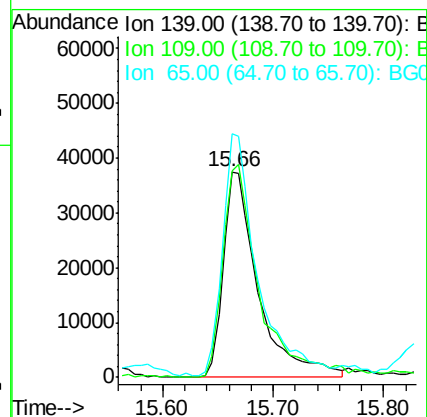
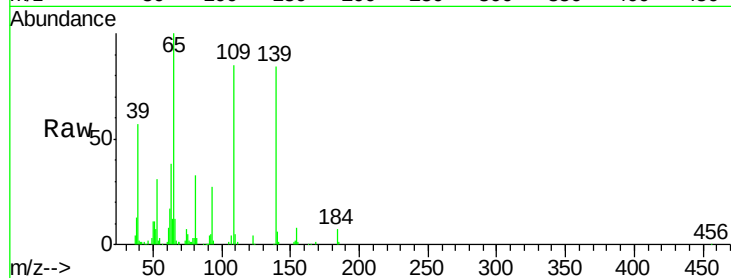
Instrument :

BNA_G

ClientSampleId :

Tot Ion:139 Resp: 82967

Ion	Ratio	Lower	Upper
139	100		
109	100.5	62.2	102.2
65	118.5	97.2	137.2



#56

2,4-Dinitrotoluene

Concen: 39.583 ng

RT: 15.83 min Scan# 2134

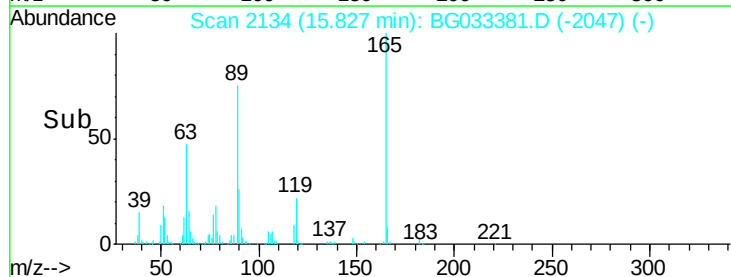
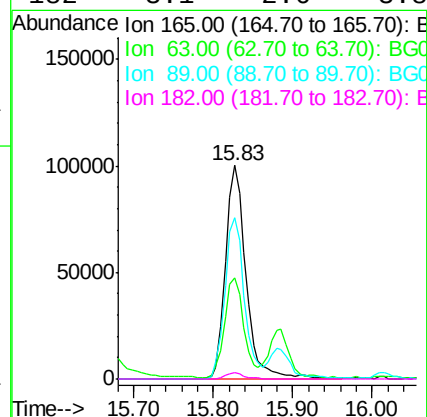
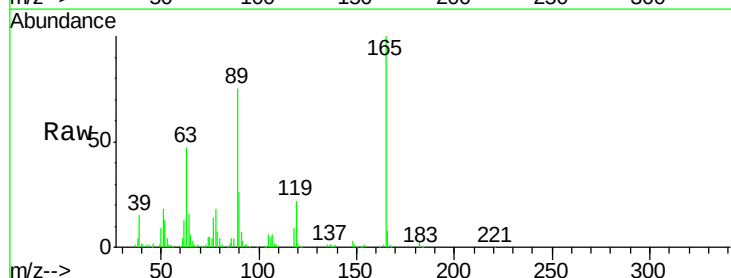
Delta R.T. -0.02 min

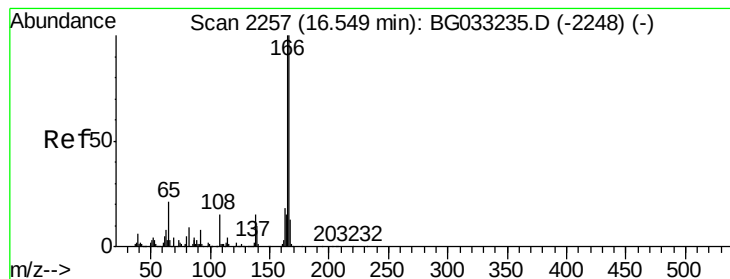
Lab File: BG033381.D

Acq: 28 Mar 2018 3:48

Tgt Ion:165 Resp: 181095

Ion	Ratio	Lower	Upper
165	100		
63	47.1	42.0	63.0
89	75.3	66.9	100.3
182	3.1	2.6	3.8





#57

Fluorene

Concen: 38.855 ng

RT: 16.53 min Scan# 2253

Delta R.T. -0.02 min

Lab File: BG033381.D

Acq: 28 Mar 2018 3:48

Instrument :

BNA_G

ClientSampleId :

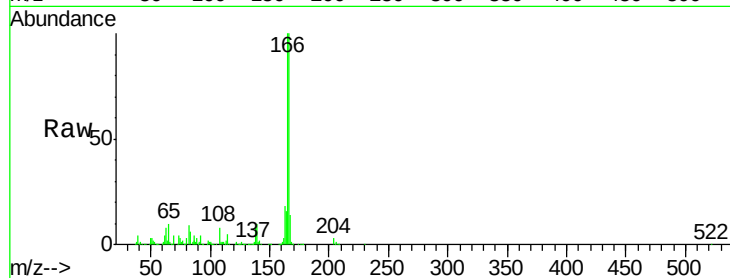
Tot Ion:166 Resp: 544216

Ion Ratio Lower Upper

166 100

165 100.4 80.6 121.0

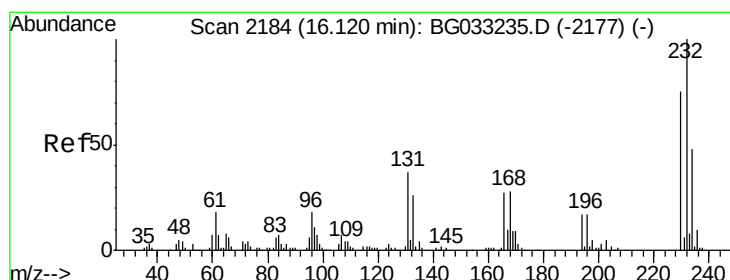
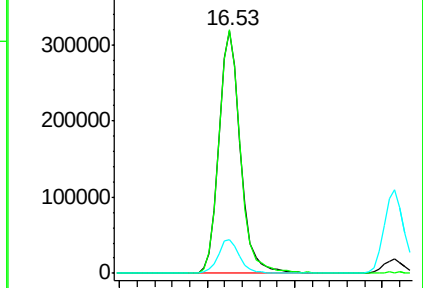
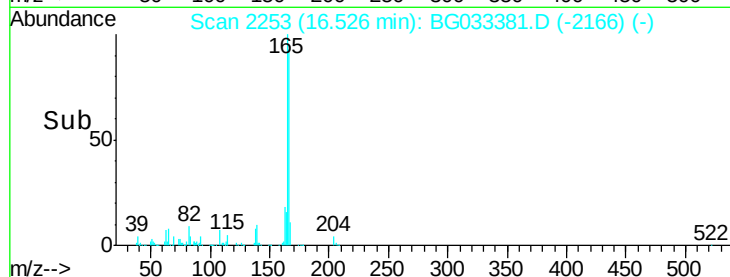
167 14.0 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.410 ng

RT: 16.10 min Scan# 2180

Delta R.T. -0.01 min

Lab File: BG033381.D

Acq: 28 Mar 2018 3:48

Tgt Ion:232 Resp: 165246

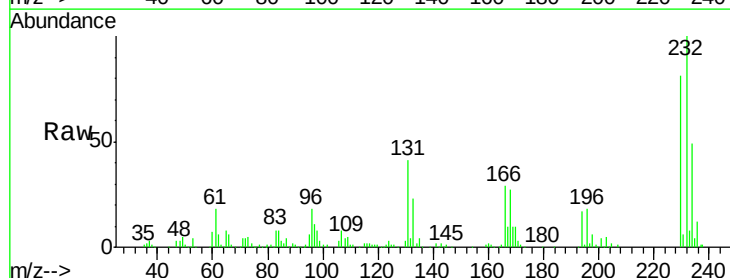
Ion Ratio Lower Upper

232 100

131 42.0 33.5 50.3

130 2.9 2.2 3.2

166 28.9 24.8 37.2

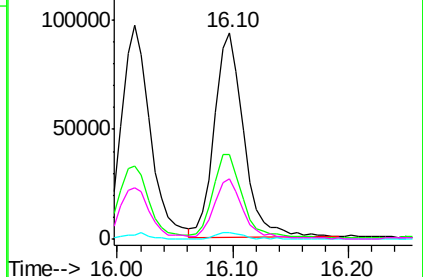
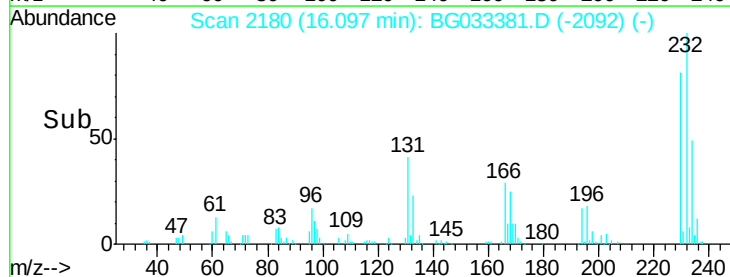


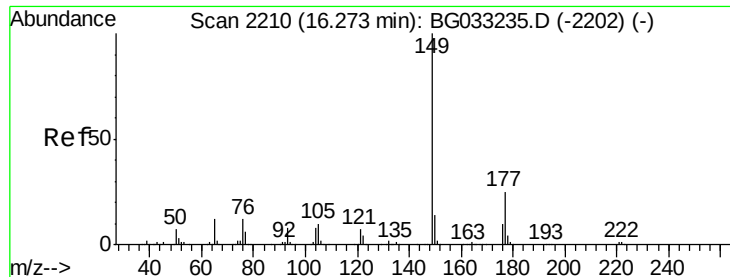
Abundance Ion 232.00 (231.70 to 232.70): E

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

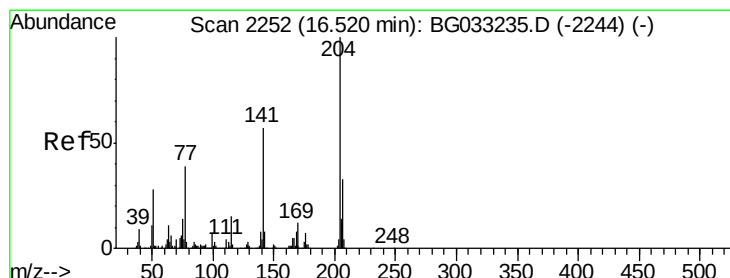
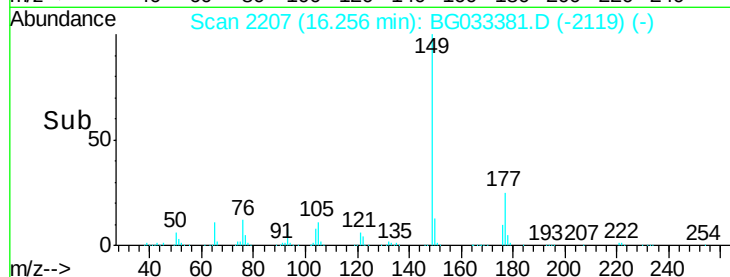
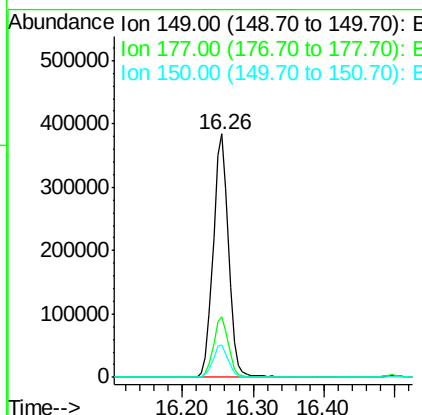
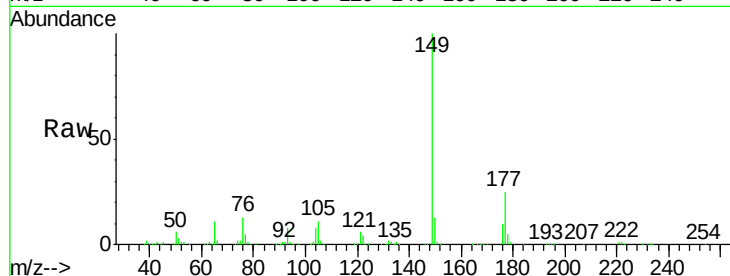




#59
Diethylphthalate
Concen: 39.393 ng
RT: 16.26 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BG033381.D
Acq: 28 Mar 2018 3:48

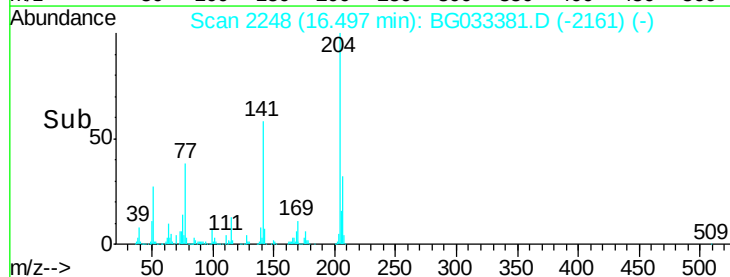
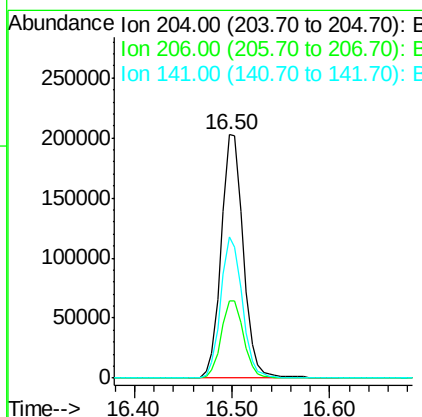
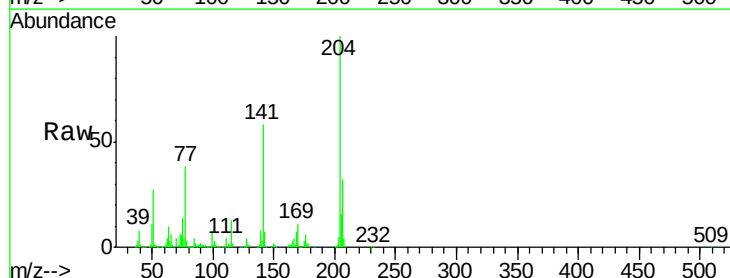
Instrument :
BNA_G
ClientSampled :

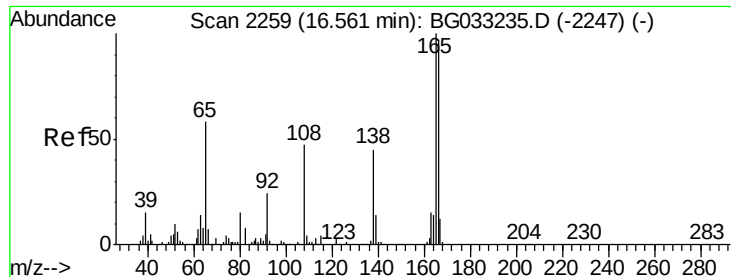
Tot Ion:149 Resp: 581277
Ion Ratio Lower Upper
149 100
177 24.8 18.5 27.7
150 13.4 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 39.698 ng
RT: 16.50 min Scan# 2248
Delta R.T. -0.02 min
Lab File: BG033381.D
Acq: 28 Mar 2018 3:48

Tgt Ion:204 Resp: 319626
Ion Ratio Lower Upper
204 100
206 31.9 26.2 39.2
141 58.1 45.8 68.6

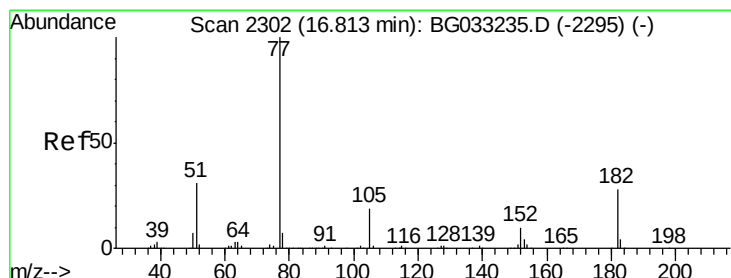
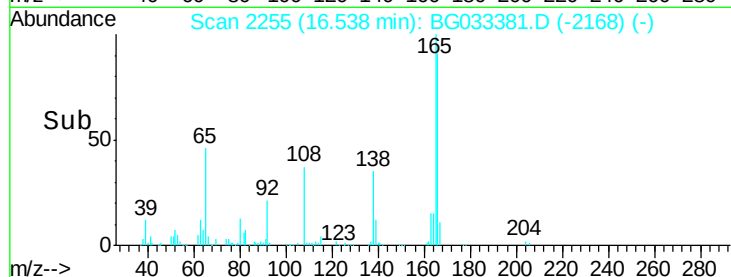
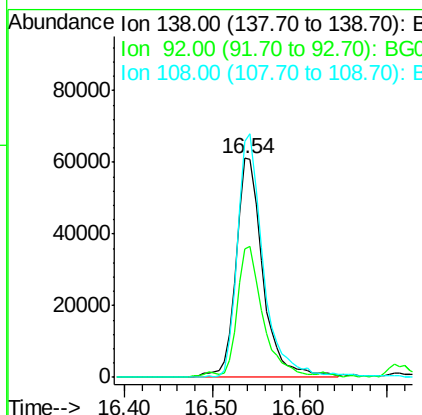
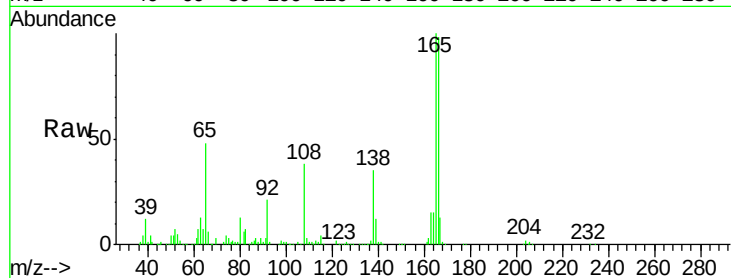




#61
4-Nitroaniline
Concen: 38.631 ng
RT: 16.54 min Scan# 2255
Delta R.T. -0.02 min
Lab File: BG033381.D
Acq: 28 Mar 2018 3:48

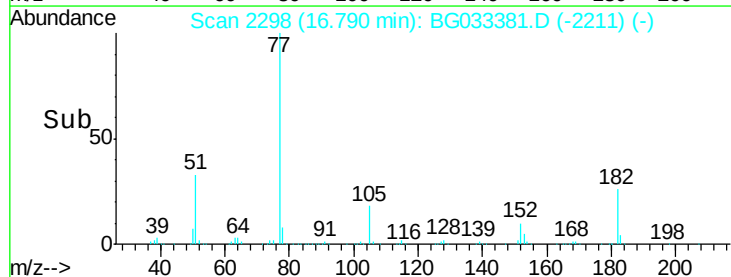
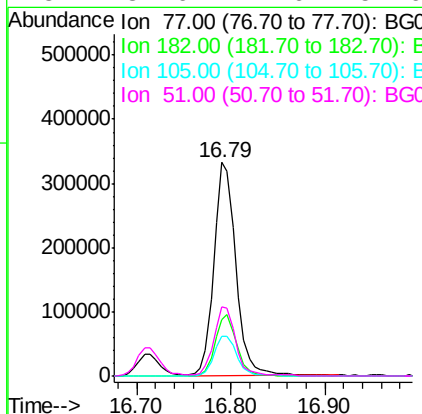
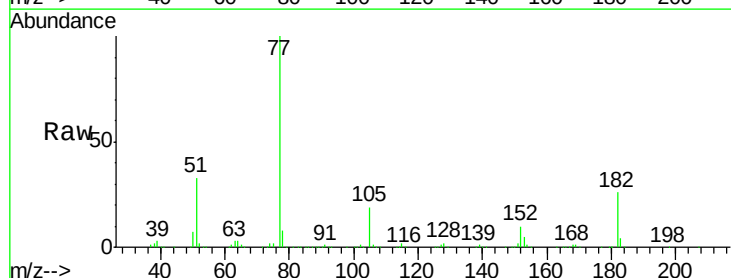
Instrument :
BNA_G
ClientSampleId :

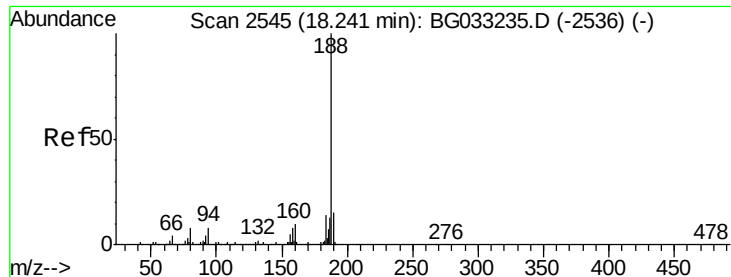
Tot Ion:138 Resp: 127438
Ion Ratio Lower Upper
138 100
92 58.8 40.1 80.1
108 107.7 65.4 105.4#



#62
Azobenzene
Concen: 37.977 ng
RT: 16.79 min Scan# 2298
Delta R.T. -0.02 min
Lab File: BG033381.D
Acq: 28 Mar 2018 3:48

Tgt Ion: 77 Resp: 542849
Ion Ratio Lower Upper
77 100
182 26.3 7.4 47.4
105 18.6 0.3 40.3
51 32.6 11.6 51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.22 min Scan# 2541

Delta R.T. -0.02 min

Lab File: BG033381.D

Acq: 28 Mar 2018 3:48

Instrument :

BNA_G

ClientSampleId :

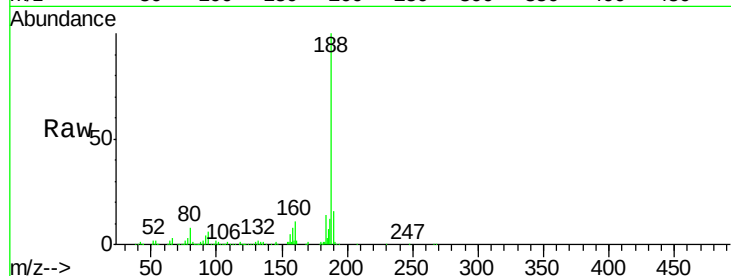
Tot Ion:188 Resp: 426687

Ion Ratio Lower Upper

188 100

94 6.3 6.9 10.3#

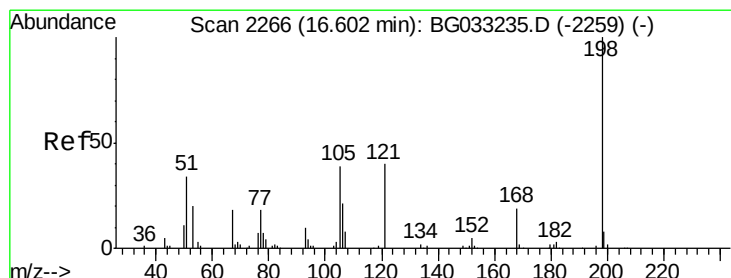
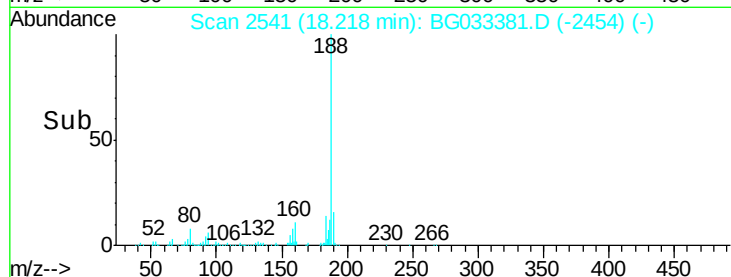
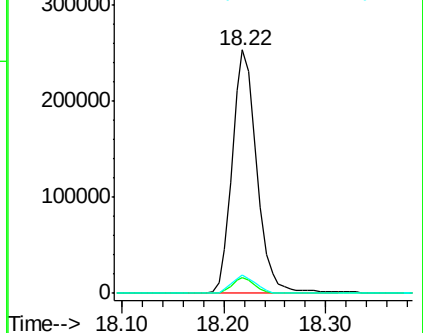
80 7.8 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 38.071 ng

RT: 16.58 min Scan# 2263

Delta R.T. -0.01 min

Lab File: BG033381.D

Acq: 28 Mar 2018 3:48

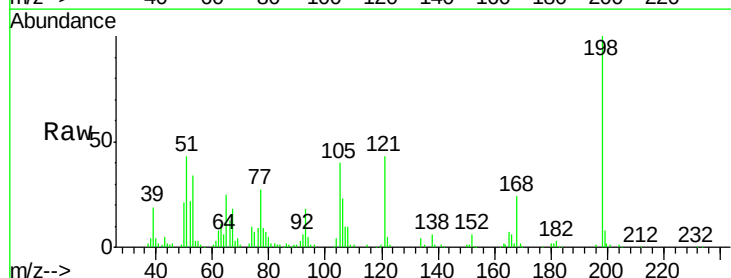
Tgt Ion:198 Resp: 97178

Ion Ratio Lower Upper

198 100

51 43.2 30.6 70.6

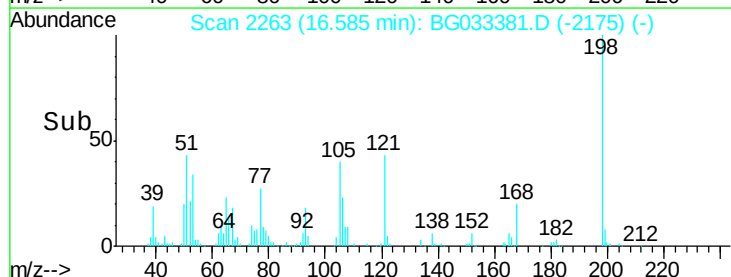
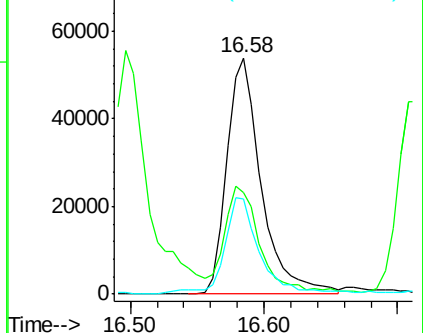
105 40.1 23.8 63.8

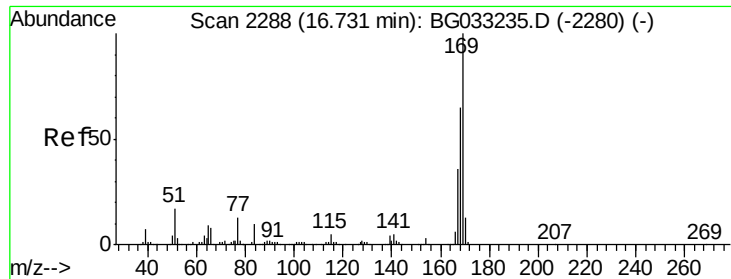


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

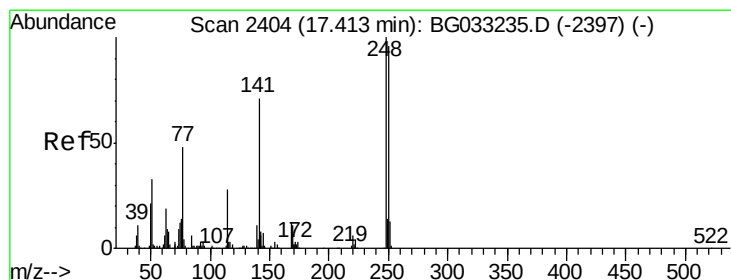
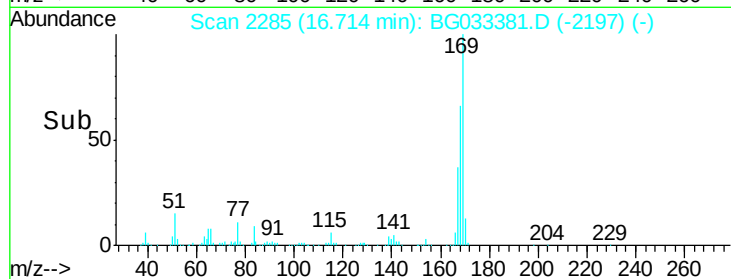
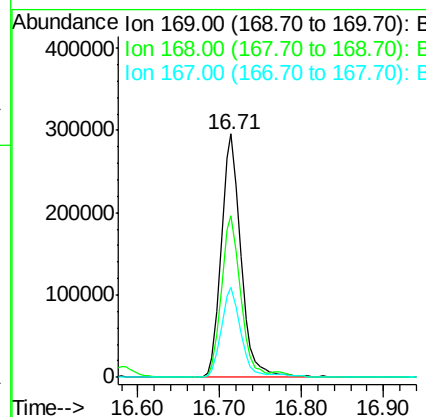
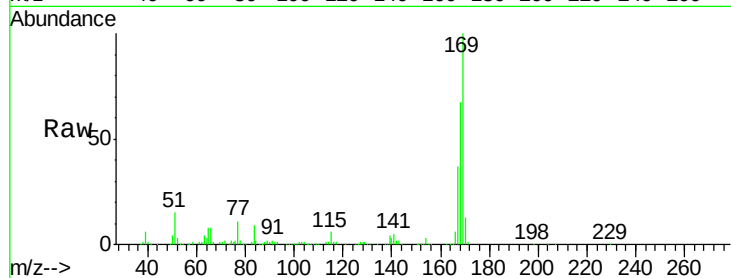




#65
 n-Nitrosodiphenylamine
 Concen: 40.804 ng
 RT: 16.71 min Scan# 2285
 Delta R.T. -0.01 min
 Lab File: BG033381.D
 Acq: 28 Mar 2018 3:48

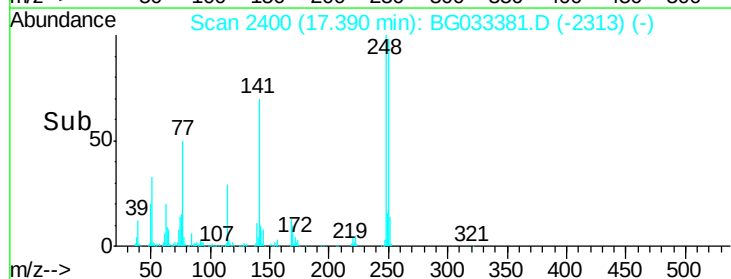
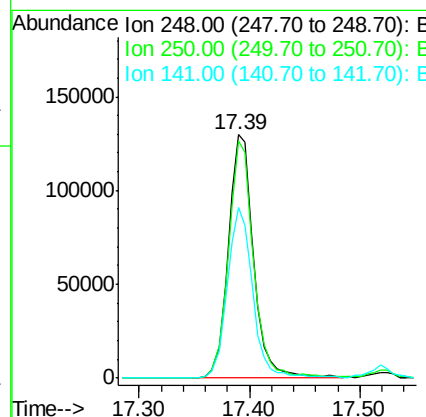
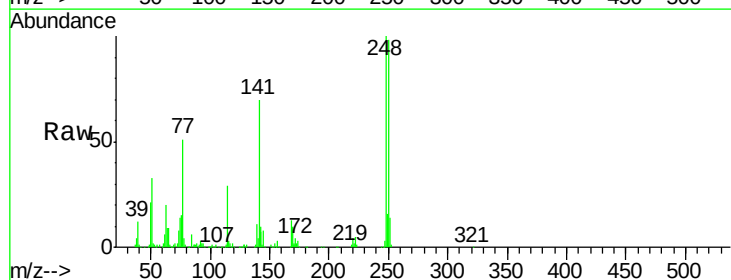
Instrument :
 BNA_G
 ClientSampleId :

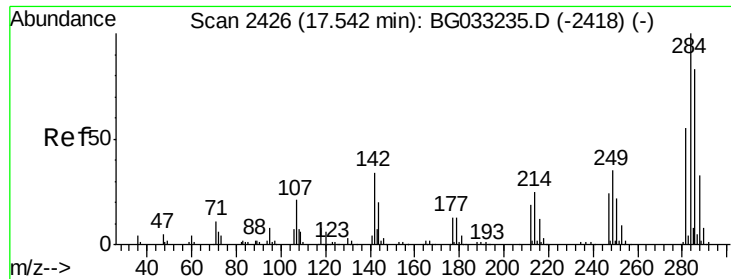
Tot Ion	169	Resp	497046
Ion Ratio	100		
Lower	55.7		
Upper	83.5		
168	66.6		
167	36.8		



#66
 4-Bromophenyl-phenylether
 Concen: 41.450 ng
 RT: 17.39 min Scan# 2400
 Delta R.T. -0.02 min
 Lab File: BG033381.D
 Acq: 28 Mar 2018 3:48

Tgt Ion	248	Resp	207706
Ion Ratio	100		
Lower	77.1		
Upper	115.7		
250	97.7		
141	70.2		





#67

Hexachlorobenzene

Concen: 41.581 ng

RT: 17.52 min Scan# 2422

Delta R.T. -0.03 min

Lab File: BG033381.D

Acq: 28 Mar 2018 3:48

Instrument :

BNA_G

ClientSampled :

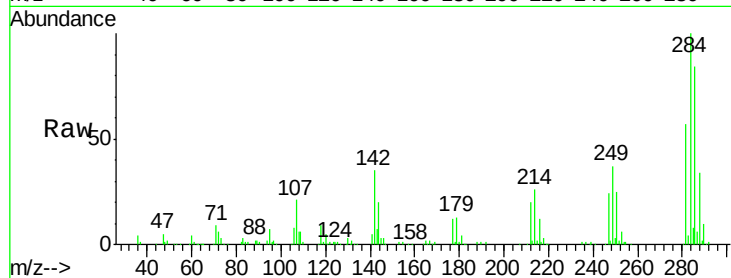
Tot Ion:284 Resp: 219900

Ion Ratio Lower Upper

284 100

142 34.9 26.8 40.2

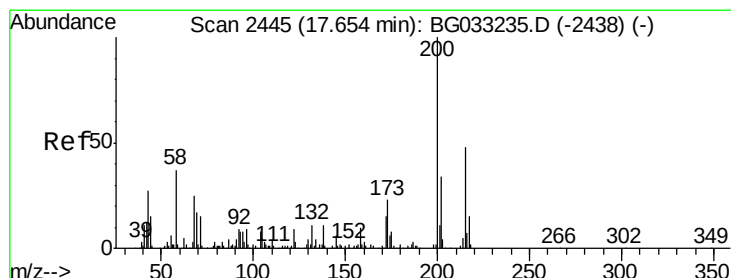
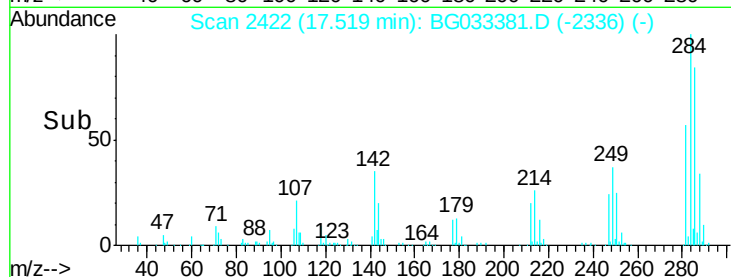
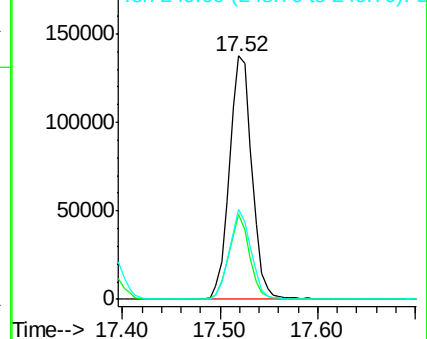
249 36.9 26.3 39.5



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: 40.808 ng

RT: 17.63 min Scan# 2441

Delta R.T. -0.02 min

Lab File: BG033381.D

Acq: 28 Mar 2018 3:48

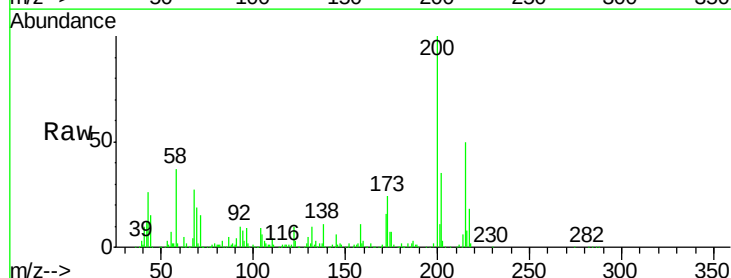
Tgt Ion:200 Resp: 201434

Ion Ratio Lower Upper

200 100

173 23.8 5.2 45.2

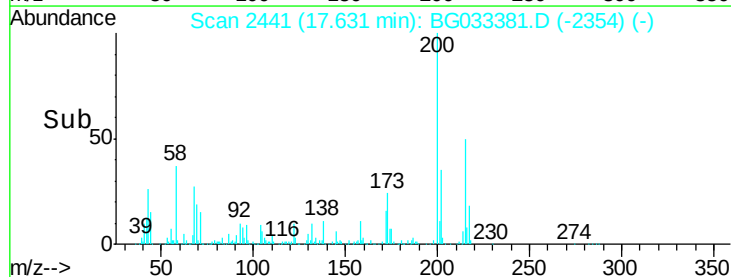
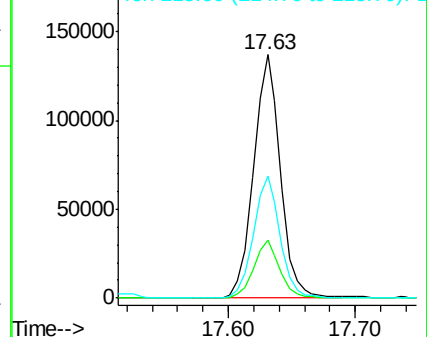
215 50.2 30.4 70.4

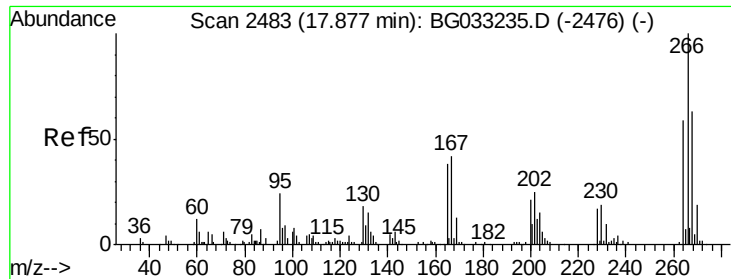


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

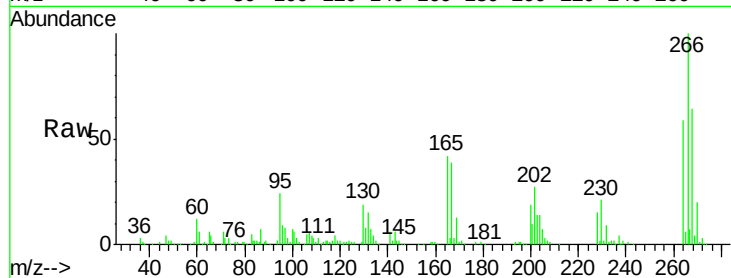




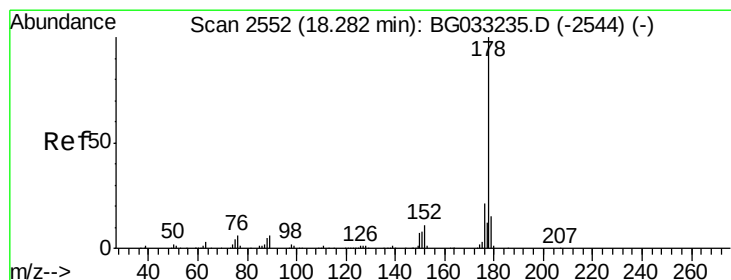
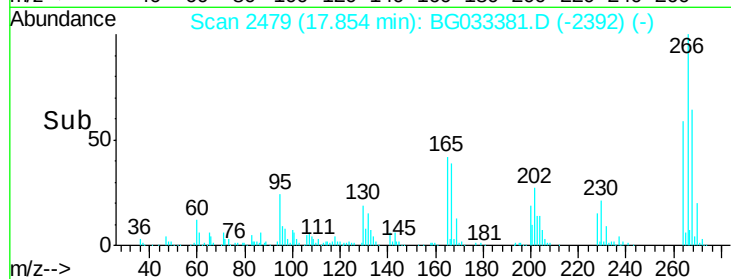
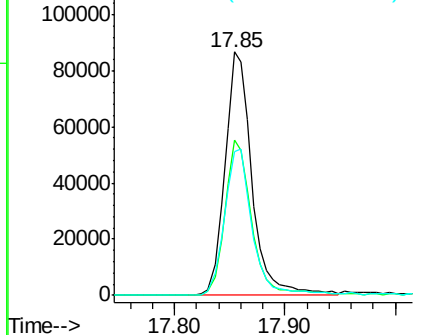
#69
 Pentachlorophenol
 Concen: 40.809 ng
 RT: 17.85 min Scan# 2479
 Delta R.T. -0.02 min
 Lab File: BG033381.D
 Acq: 28 Mar 2018 3:48

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.8	51.1	76.7
264	59.1	49.6	74.4

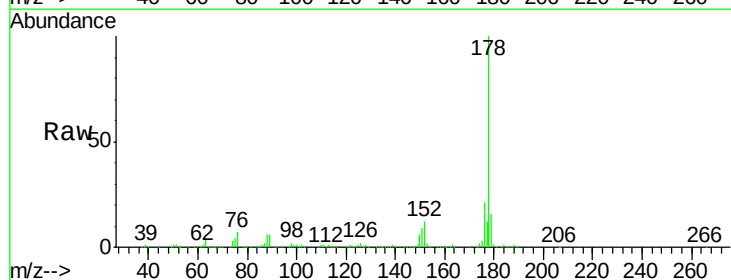


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

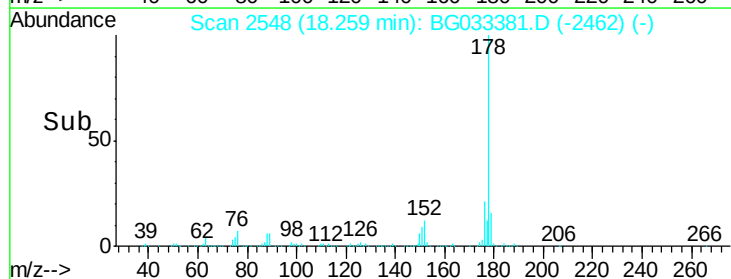
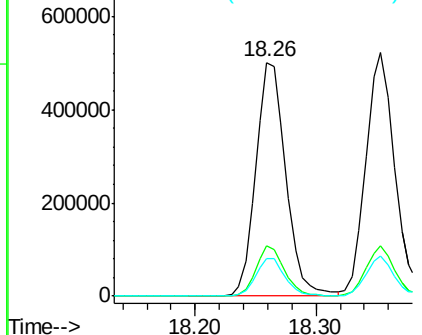


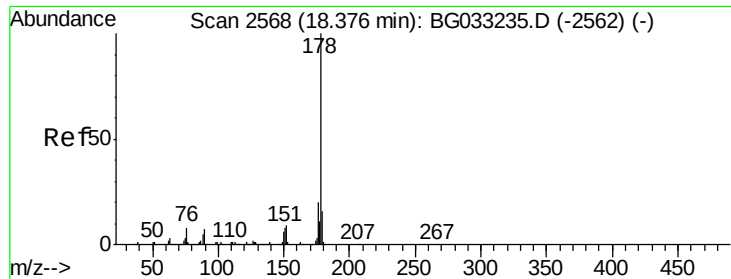
#70
 Phenanthrene
 Concen: 38.967 ng
 RT: 18.26 min Scan# 2548
 Delta R.T. -0.03 min
 Lab File: BG033381.D
 Acq: 28 Mar 2018 3:48

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.3	15.7	23.5
179	16.0	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

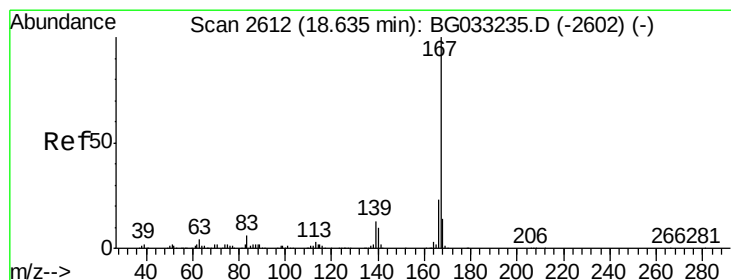
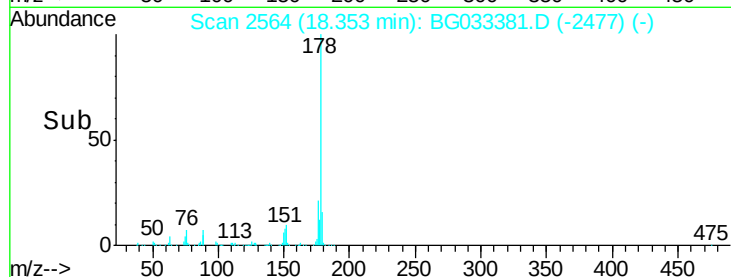
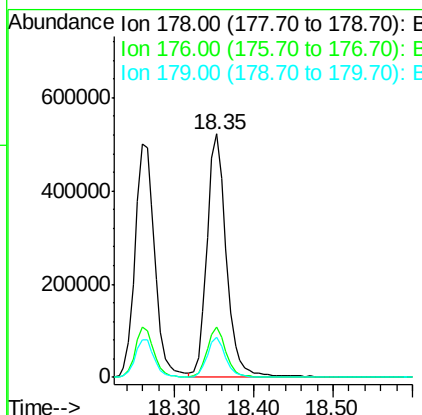
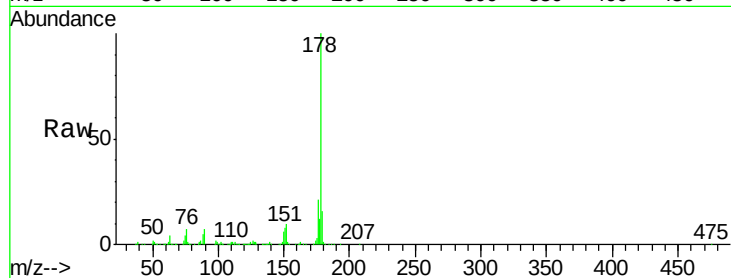




#71
 Anthracene
 Concen: 39.371 ng
 RT: 18.35 min Scan# 2564
 Delta R.T. -0.02 min
 Lab File: BG033381.D
 Acq: 28 Mar 2018 3:48

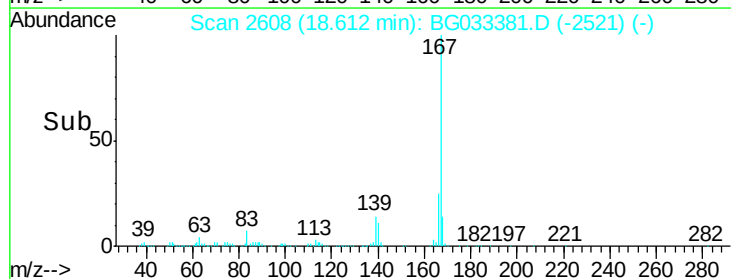
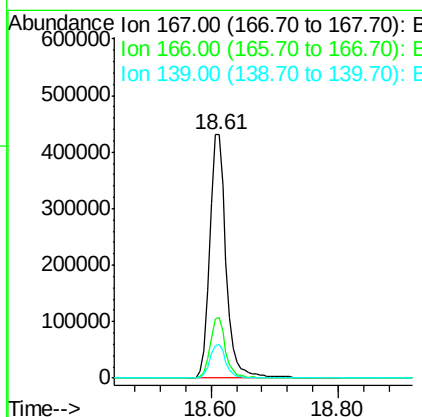
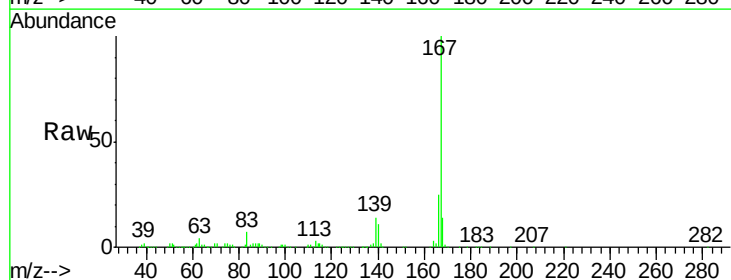
Instrument :
 BNA_G
 ClientSampleId :

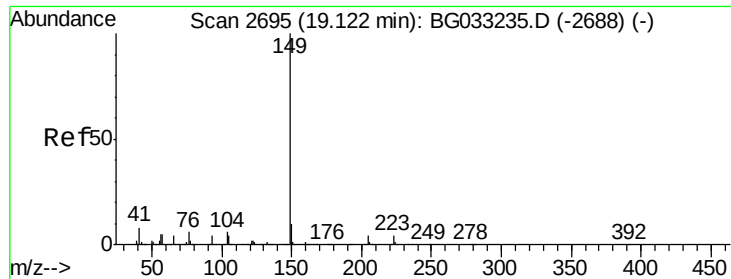
Tot Ion:178 Resp: 885854
 Ion Ratio Lower Upper
 178 100
 176 20.9 16.0 24.0
 179 16.5 12.5 18.7



#72
 Carbazole
 Concen: 39.199 ng
 RT: 18.61 min Scan# 2608
 Delta R.T. -0.02 min
 Lab File: BG033381.D
 Acq: 28 Mar 2018 3:48

Tgt Ion:167 Resp: 781569
 Ion Ratio Lower Upper
 167 100
 166 24.8 18.2 27.4
 139 13.9 9.4 14.2

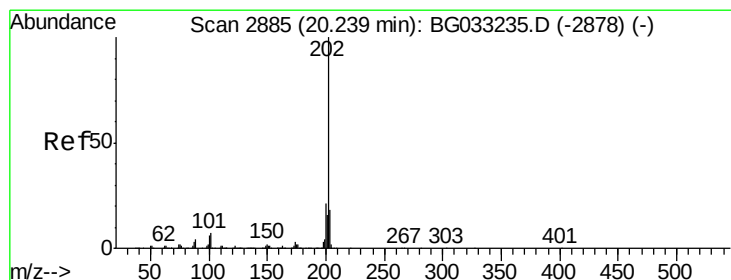
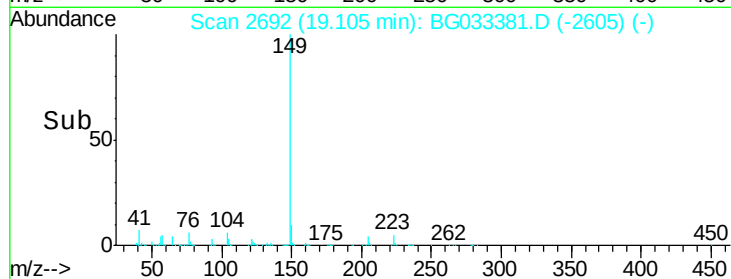
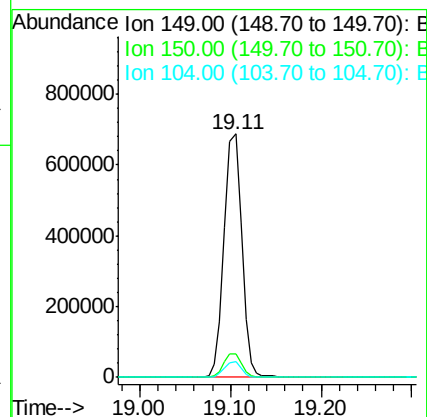
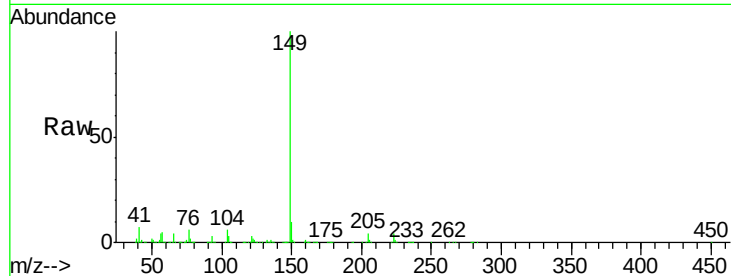




#73
Di-n-butylphthalate
Concen: 40.543 ng
RT: 19.11 min Scan# 2692
Delta R.T. -0.02 min
Lab File: BG033381.D
Acq: 28 Mar 2018 3:48

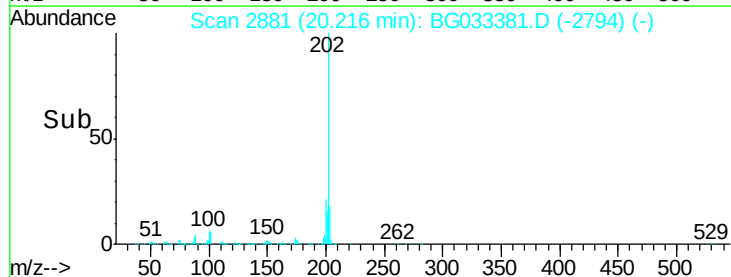
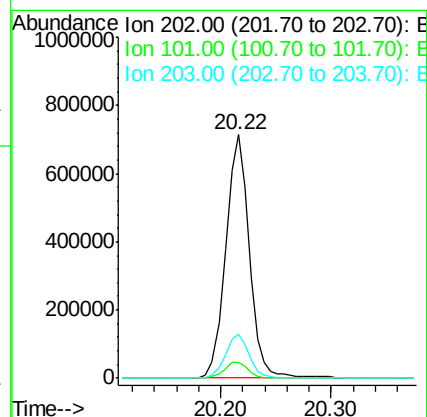
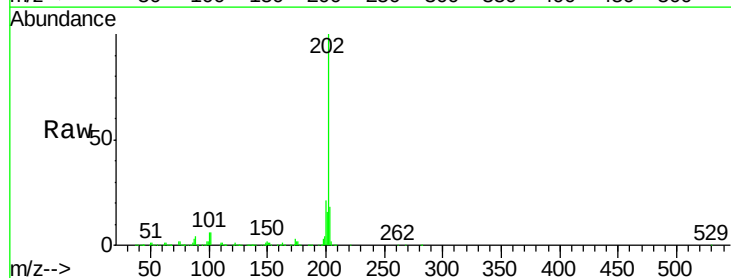
Instrument :
BNA_G
ClientSampleId :

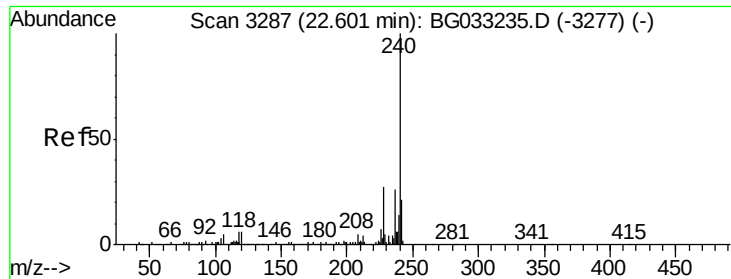
Tot Ion:149 Resp: 940898
Ion Ratio Lower Upper
149 100
150 9.5 7.8 11.6
104 6.2 3.9 5.9#



#74
Fluoranthene
Concen: 38.506 ng
RT: 20.22 min Scan# 2881
Delta R.T. -0.02 min
Lab File: BG033381.D
Acq: 28 Mar 2018 3:48

Tgt Ion:202 Resp: 1058891
Ion Ratio Lower Upper
202 100
101 6.3 0.0 28.9
203 18.0 0.0 37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.57 min Scan# 3282

Delta R.T. -0.03 min

Lab File: BG033381.D

Acq: 28 Mar 2018 3:48

Instrument :

BNA_G

ClientSampled :

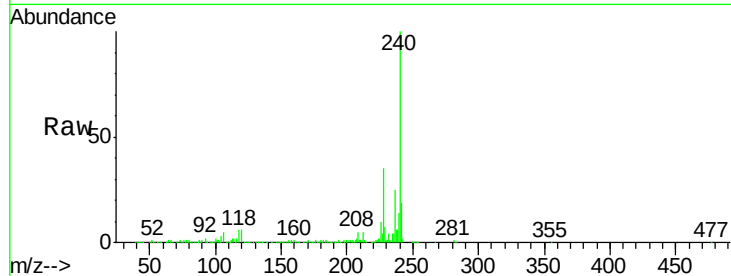
Tot Ion:240 Resp: 436561

Ion Ratio Lower Upper

240 100

120 5.6 6.8 10.2#

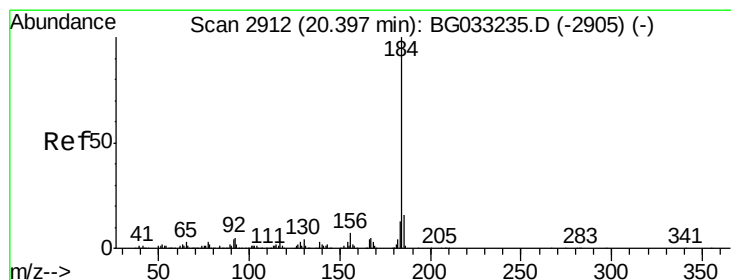
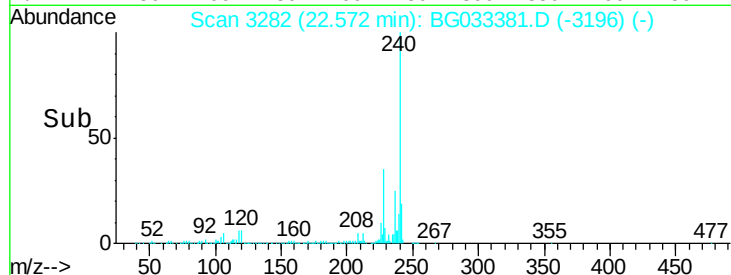
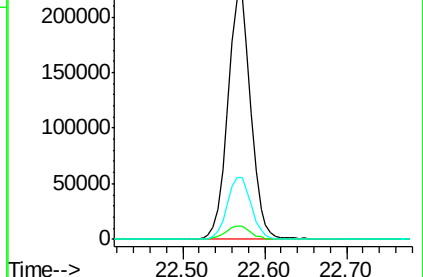
236 25.4 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 35.867 ng

RT: 20.37 min Scan# 2908

Delta R.T. -0.02 min

Lab File: BG033381.D

Acq: 28 Mar 2018 3:48

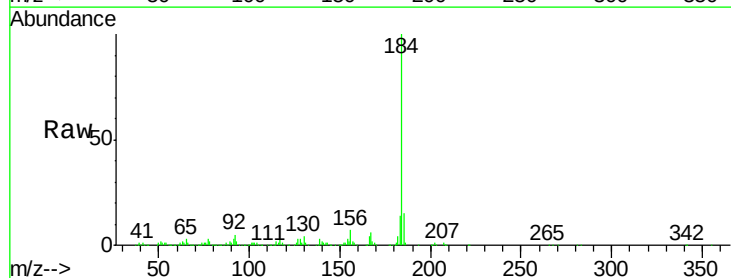
Tgt Ion:184 Resp: 424626

Ion Ratio Lower Upper

184 100

185 15.1 11.1 16.7

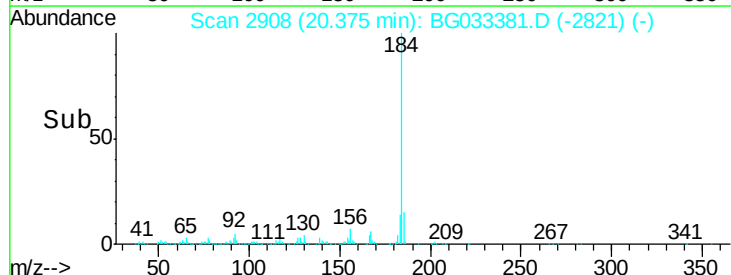
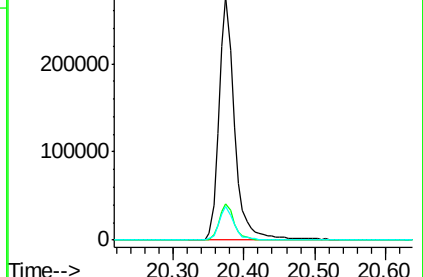
183 13.6 10.6 16.0

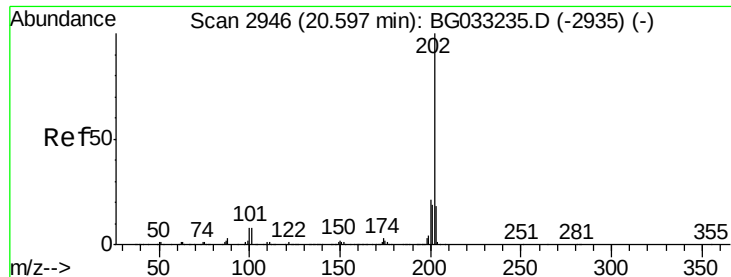


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

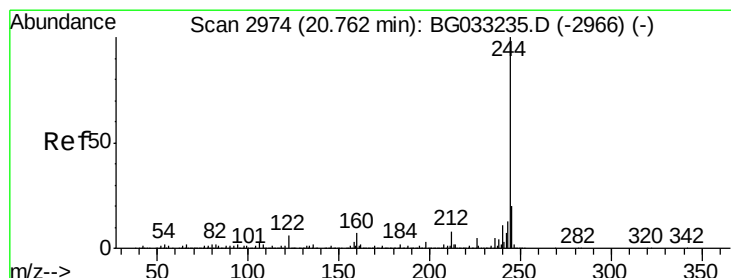
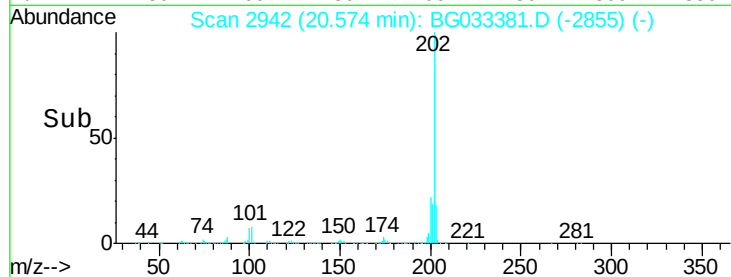
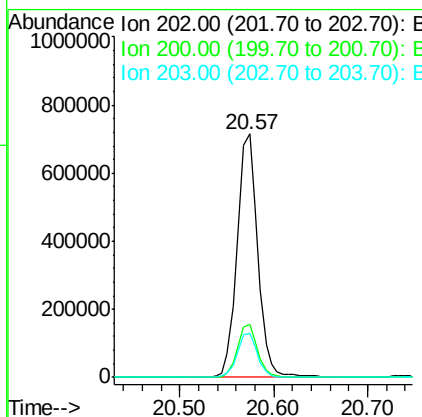
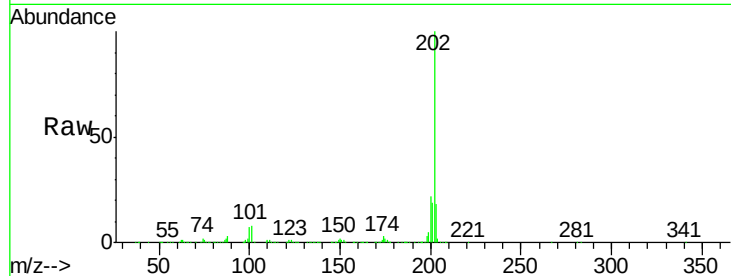




#77
Pvrene
Concen: 37.421 ng
RT: 20.57 min Scan# 2942
Delta R.T. -0.02 min
Lab File: BG033381.D
Acq: 28 Mar 2018 3:48

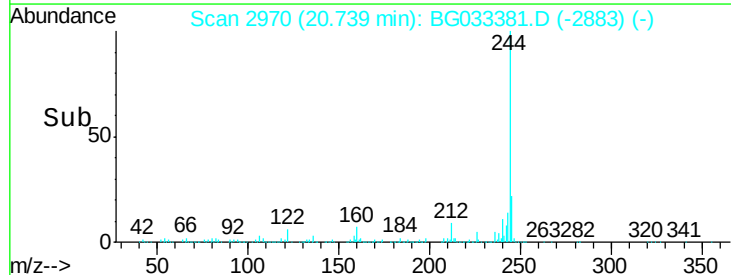
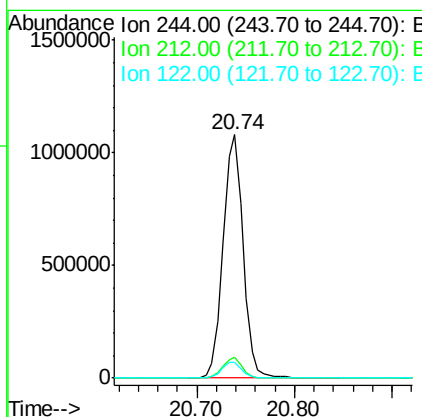
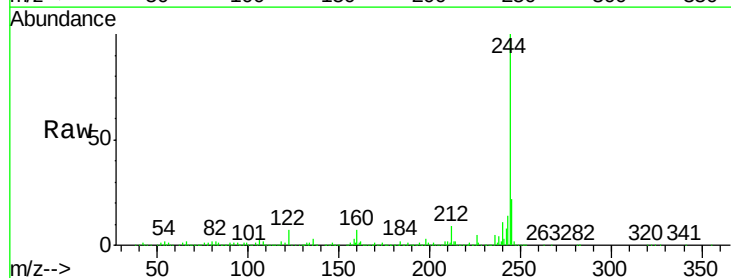
Instrument :
BNA_G
ClientSampled :

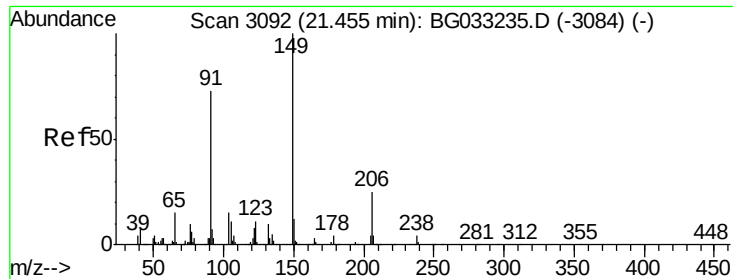
Tot Ion:202 Resp: 1089546
Ion Ratio Lower Upper
202 100
200 21.6 16.9 25.3
203 18.2 13.9 20.9



#78
Terphenyl-d14
Concen: 75.199 ng
RT: 20.74 min Scan# 2970
Delta R.T. -0.02 min
Lab File: BG033381.D
Acq: 28 Mar 2018 3:48

Tgt Ion:244 Resp: 1535057
Ion Ratio Lower Upper
244 100
212 8.8 5.8 8.8#
122 6.5 7.0 10.4#

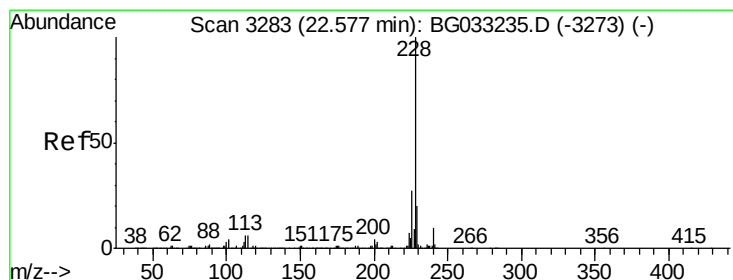
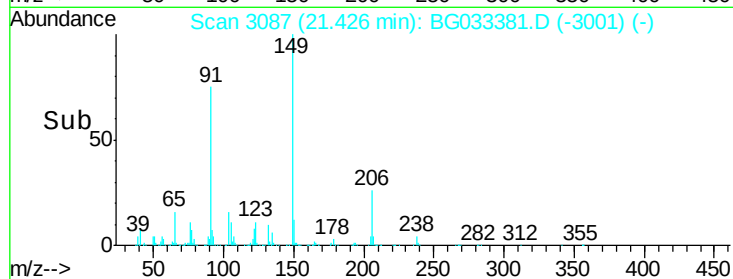
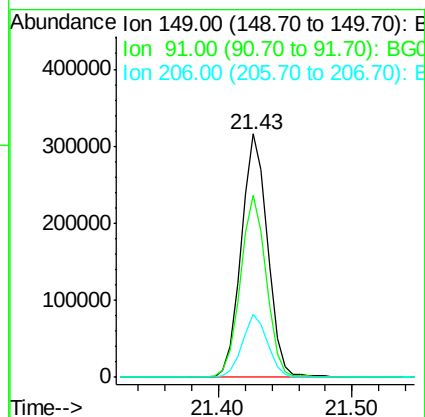
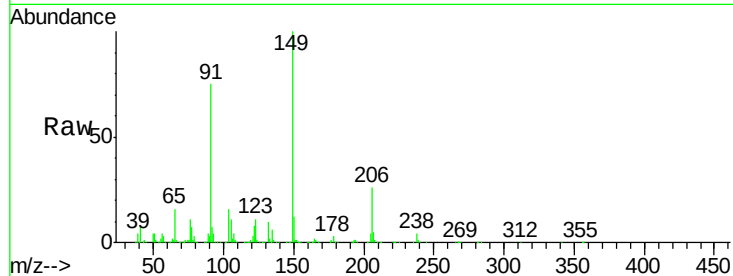




#79
Butylbenzylphthalate
Concen: 39.965 ng
RT: 21.43 min Scan# 3087
Delta R.T. -0.03 min
Lab File: BG033381.D
Acq: 28 Mar 2018 3:48

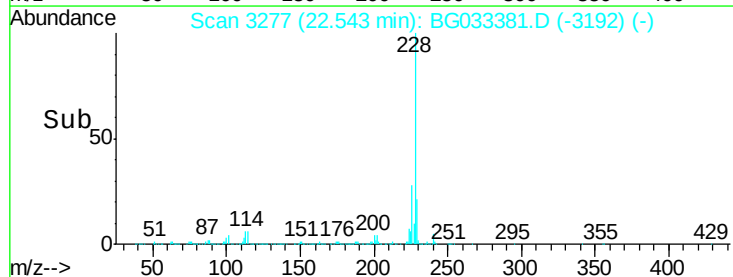
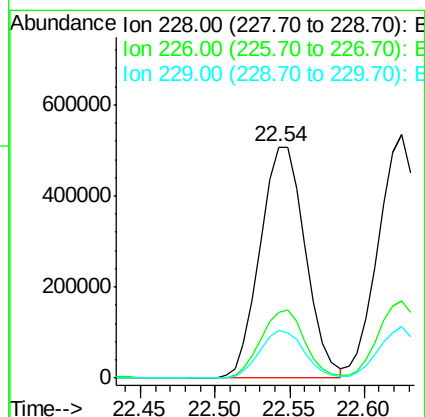
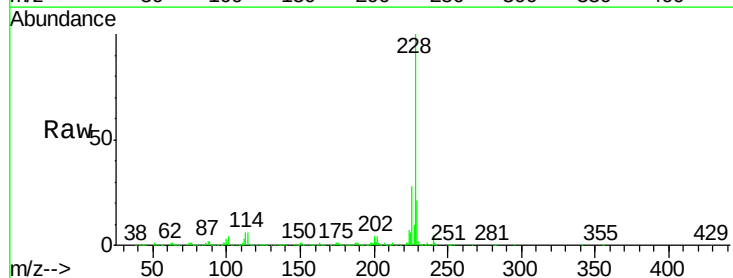
Instrument :
BNA_G
ClientSampleId :

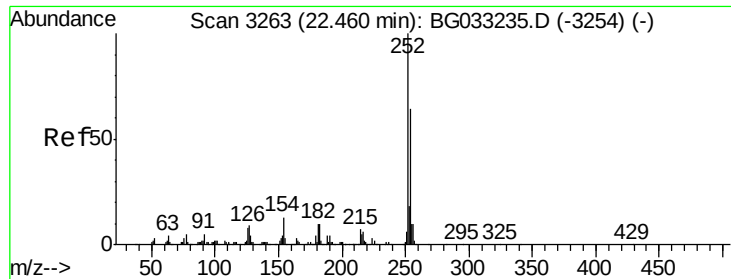
Tot Ion:149 Resp: 429400
Ion Ratio Lower Upper
149 100
91 74.7 62.2 93.2
206 26.2 18.6 27.8



#80
Benzo(a)anthracene
Concen: 38.424 ng
RT: 22.54 min Scan# 3277
Delta R.T. -0.03 min
Lab File: BG033381.D
Acq: 28 Mar 2018 3:48

Tgt Ion:228 Resp: 1068113
Ion Ratio Lower Upper
228 100
226 28.3 22.7 34.1
229 20.7 16.2 24.2

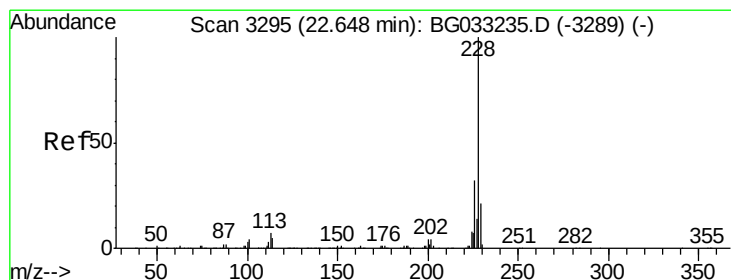
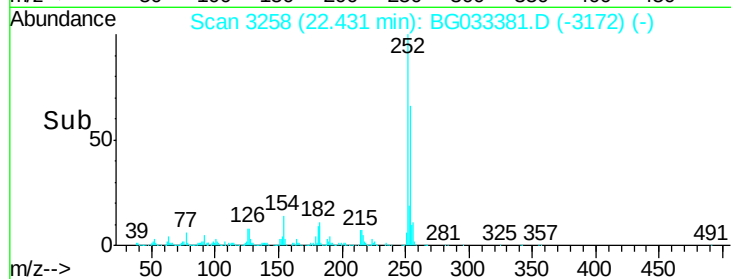
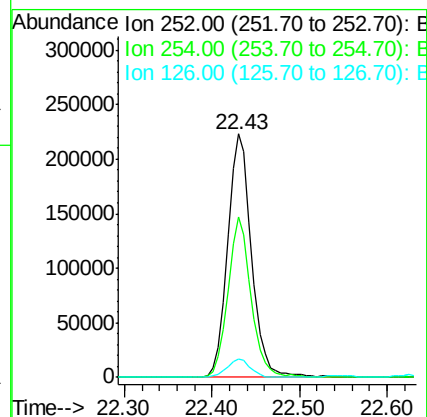
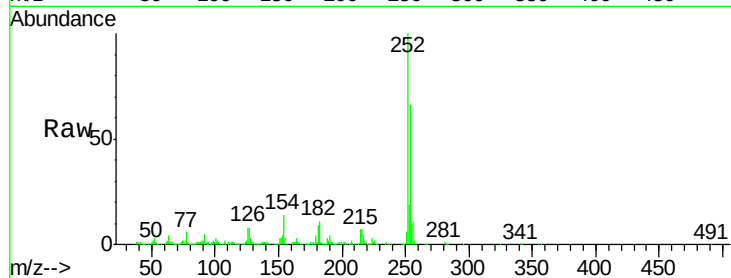




#81
 3,3'-Dichlorobenzidine
 Concen: 42.306 ng
 RT: 22.43 min Scan# 3258
 Delta R.T. -0.03 min
 Lab File: BG033381.D
 Acq: 28 Mar 2018 3:48

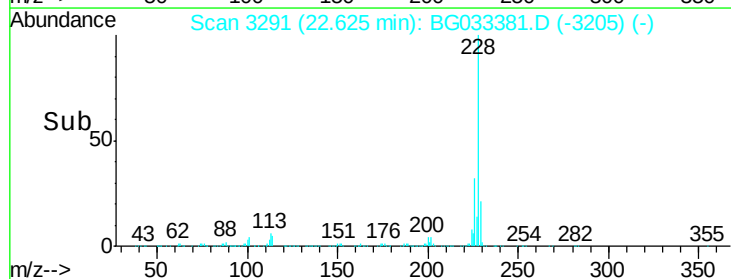
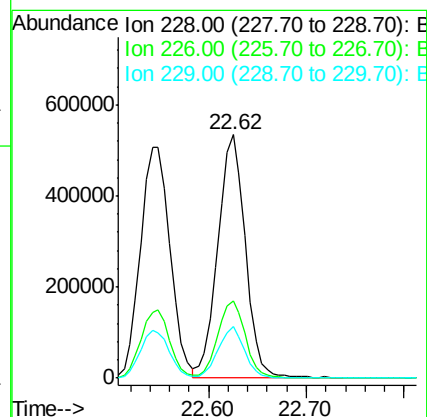
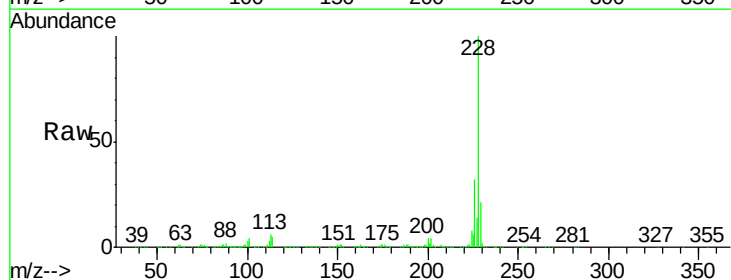
Instrument :
 BNA_G
 ClientSampleId :

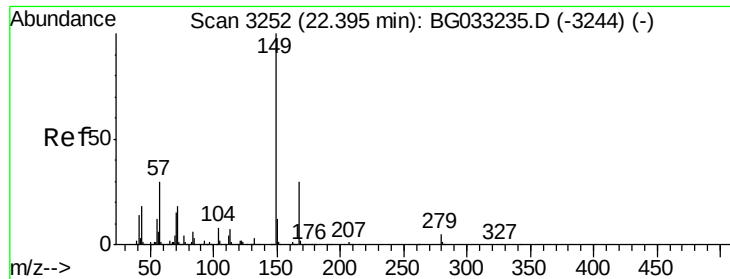
Tot Ion:252 Resp: 418488
 Ion Ratio Lower Upper
 252 100
 254 66.1 50.8 76.2
 126 7.6 7.4 11.2



#82
 Chrysene
 Concen: 38.702 ng
 RT: 22.62 min Scan# 3291
 Delta R.T. -0.03 min
 Lab File: BG033381.D
 Acq: 28 Mar 2018 3:48

Tgt Ion:228 Resp: 1041425
 Ion Ratio Lower Upper
 228 100
 226 31.9 24.9 37.3
 229 21.0 15.0 22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.142 ng

RT: 22.37 min Scan# 3247

Delta R.T. -0.03 min

Lab File: BG033381.D

Acq: 28 Mar 2018 3:48

Instrument :

BNA_G

ClientSampled :

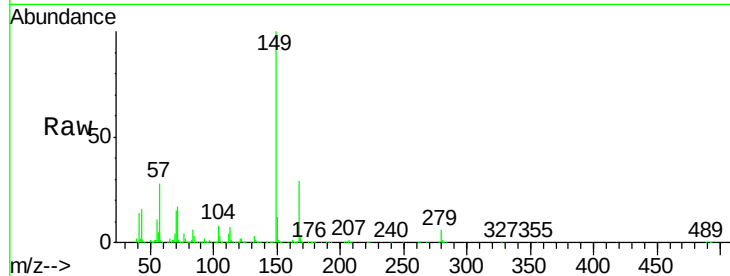
Tot Ion:149 Resp: 609373

Ion Ratio Lower Upper

149 100

167 29.5 24.3 36.5

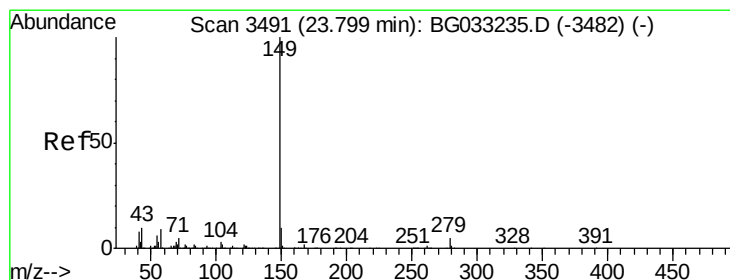
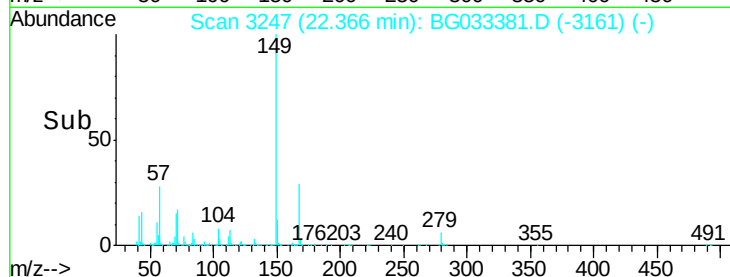
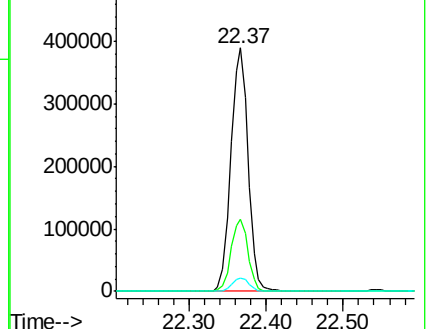
279 5.6 4.0 6.0



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: 43.070 ng

RT: 23.76 min Scan# 3485

Delta R.T. -0.04 min

Lab File: BG033381.D

Acq: 28 Mar 2018 3:48

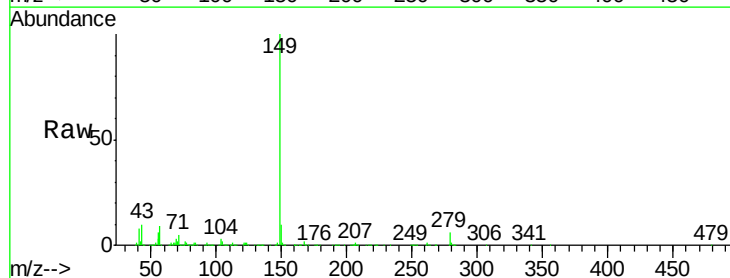
Tgt Ion:149 Resp: 976725

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

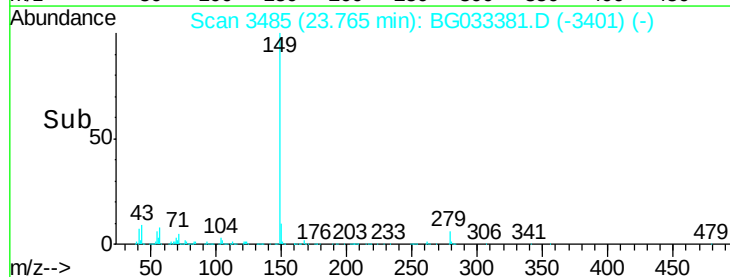
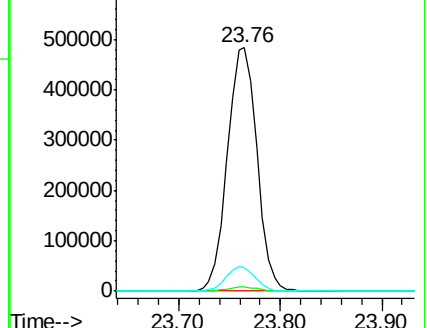
43 9.7 8.9 13.3

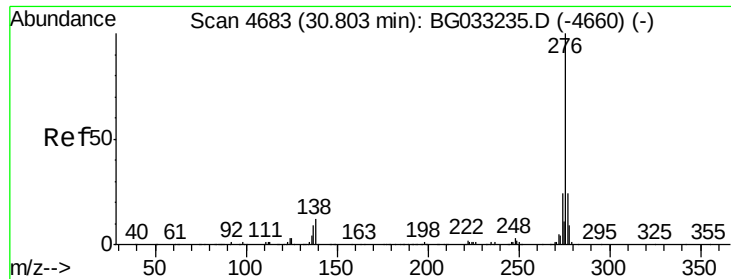


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG



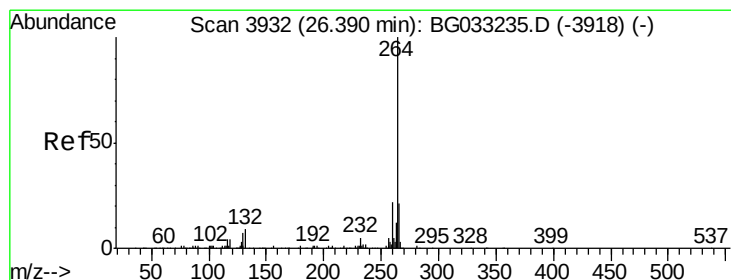
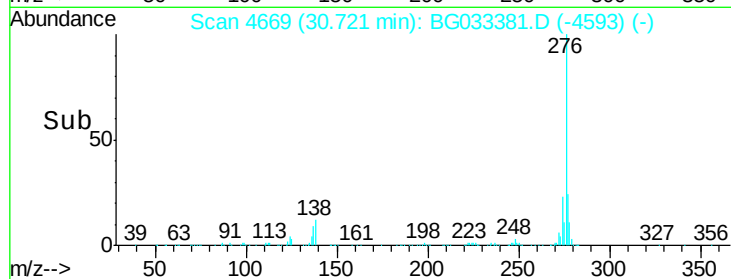
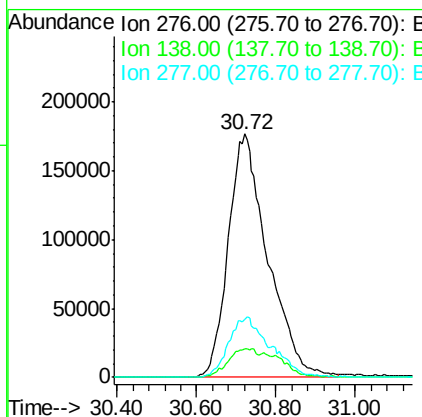
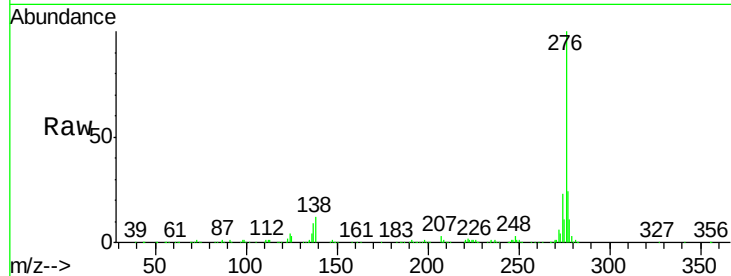


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.949 ng
 RT: 30.72 min Scan# 4669
 Delta R.T. -0.08 min
 Lab File: BG033381.D
 Acq: 28 Mar 2018 3:48

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:276 Resp: 1220443

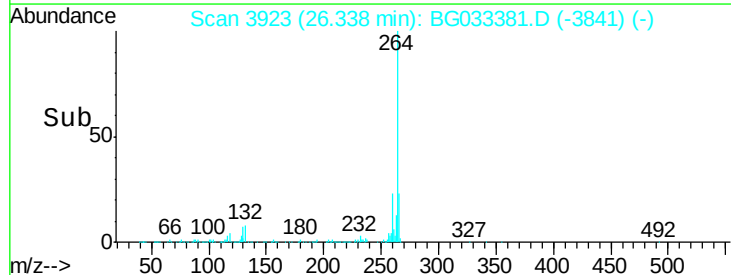
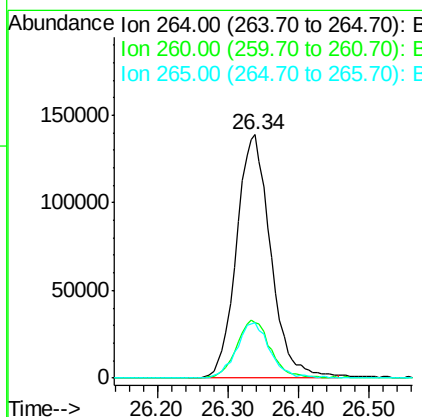
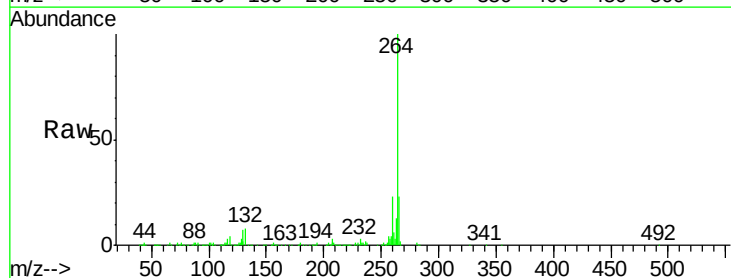
Ion	Ratio	Lower	Upper
276	100		
138	8.6	16.0	24.0#
277	26.1	20.0	30.0

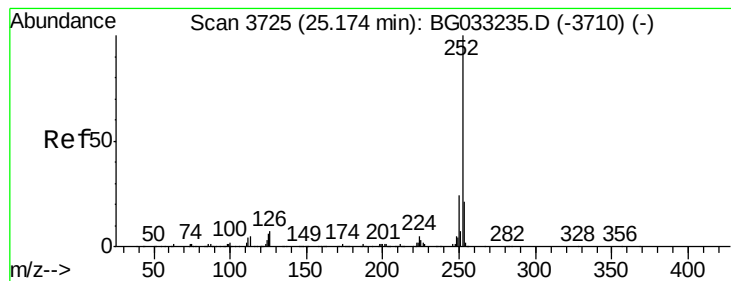


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.34 min Scan# 3923
 Delta R.T. -0.05 min
 Lab File: BG033381.D
 Acq: 28 Mar 2018 3:48

Tgt Ion:264 Resp: 467879

Ion	Ratio	Lower	Upper
264	100		
260	22.6	17.4	26.0
265	22.8	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 38.777 ng

RT: 25.12 min Scan# 3716

Delta R.T. -0.04 min

Lab File: BG033381.D

Acq: 28 Mar 2018 3:48

Instrument :

BNA_G

ClientSampled :

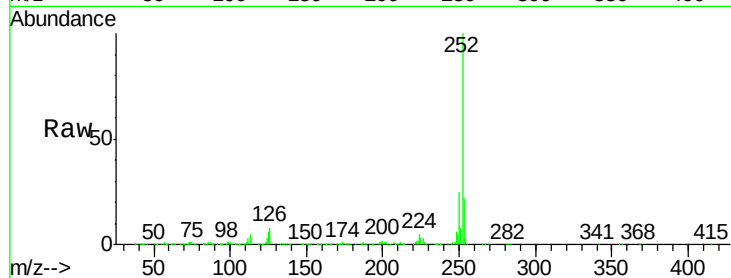
Tot Ion:252 Resp: 1048216

Ion Ratio Lower Upper

252 100

253 22.3 18.2 27.4

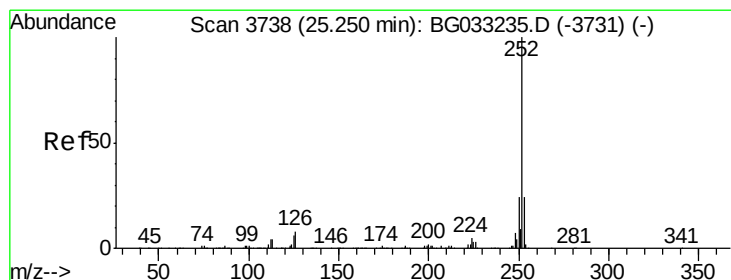
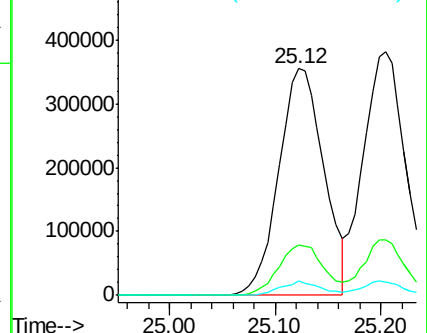
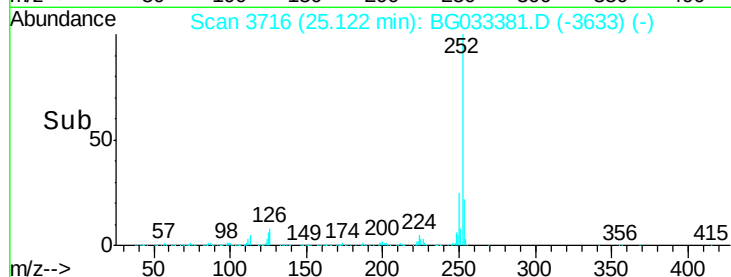
125 6.1 7.2 10.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 39.212 ng

RT: 25.20 min Scan# 3730

Delta R.T. -0.04 min

Lab File: BG033381.D

Acq: 28 Mar 2018 3:48

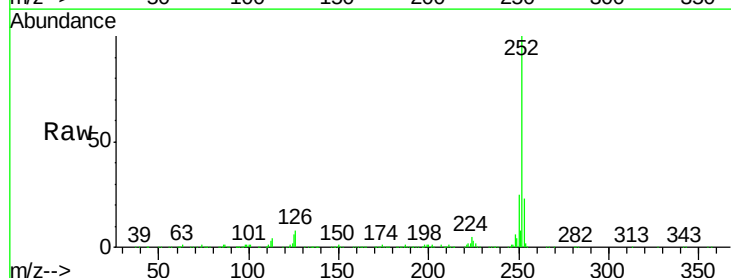
Tgt Ion:252 Resp: 1072024

Ion Ratio Lower Upper

252 100

253 22.8 17.4 26.2

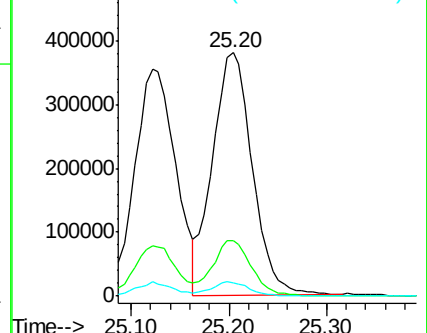
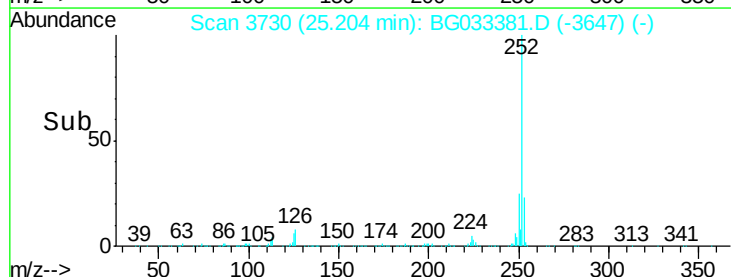
125 5.7 6.6 9.8#

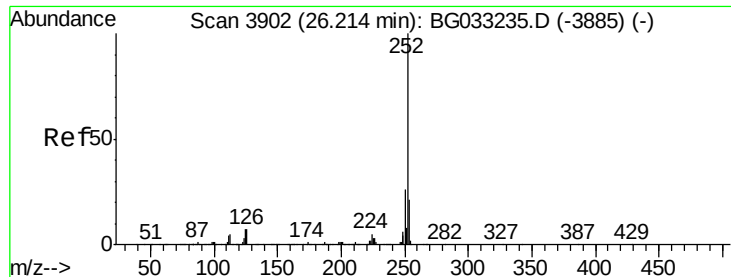


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 39.870 ng

RT: 26.16 min Scan# 3893

Delta R.T. -0.04 min

Lab File: BG033381.D

Acq: 28 Mar 2018 3:48

Instrument :

BNA_G

ClientSampleId :

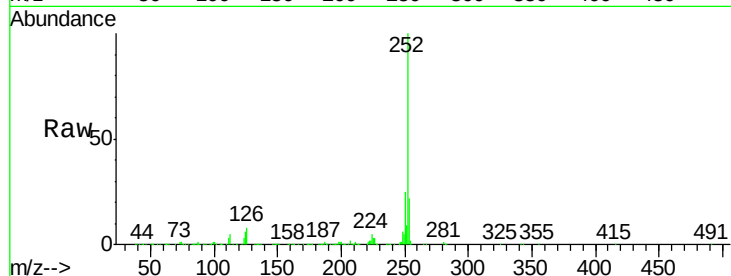
Tot Ion:252 Resp: 1034996

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.3	27.5
125	6.3	7.3	10.9

252 100

253 21.8 18.3 27.5

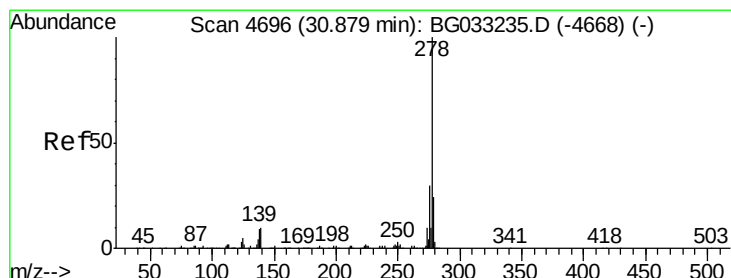
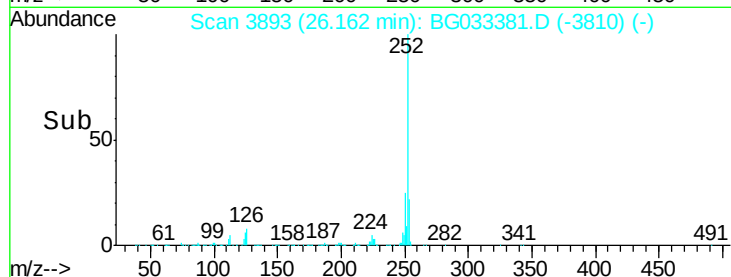
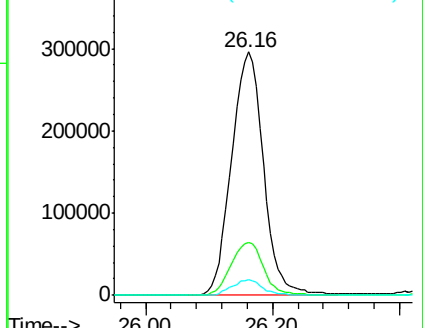
125 6.3 7.3 10.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 42.061 ng

RT: 30.80 min Scan# 4682

Delta R.T. -0.08 min

Lab File: BG033381.D

Acq: 28 Mar 2018 3:48

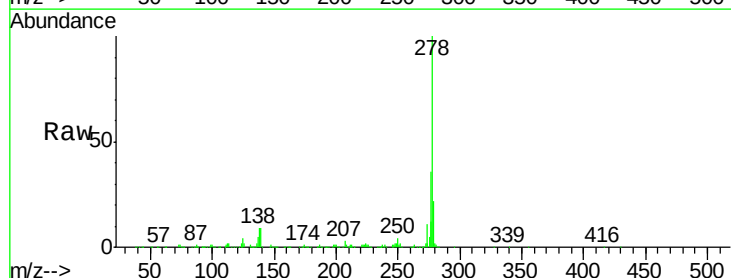
Tgt Ion:278 Resp: 1028490

Ion	Ratio	Lower	Upper
278	100		
139	9.4	9.8	14.6
279	22.1	18.4	27.6

278 100

139 9.4 9.8 14.6

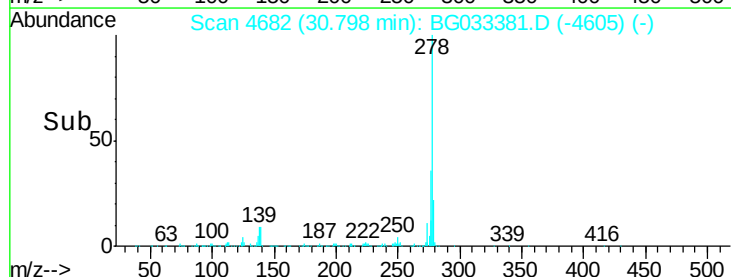
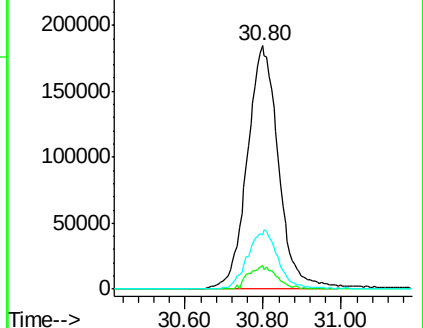
279 22.1 18.4 27.6

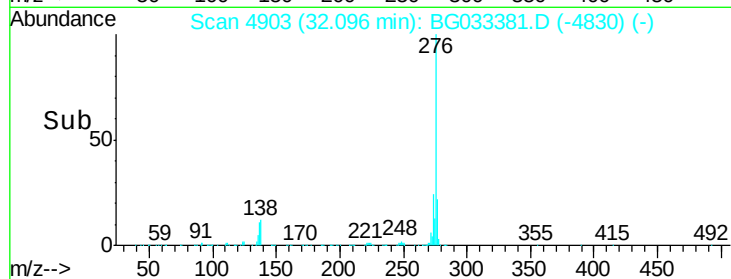
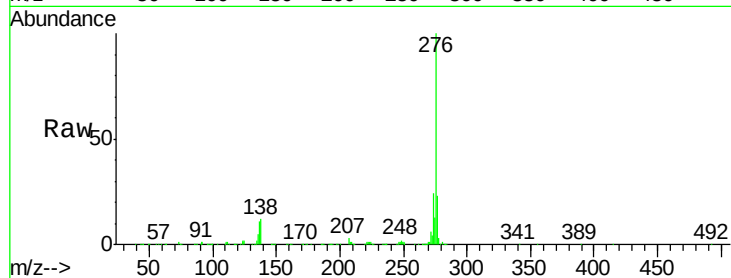
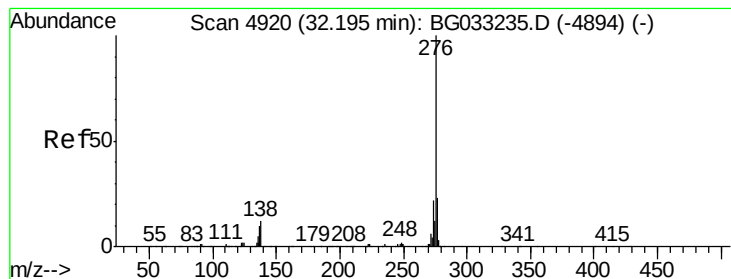


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 40.902 ng

RT: 32.10 min Scan# 4903

Delta R.T. -0.10 min

Lab File: BG033381.D

Acq: 28 Mar 2018 3:48

Instrument :

BNA_G

ClientSampleId :

Tot Ion:276 Resp: 990391

Ion Ratio Lower Upper

276 100

277 22.7 18.3 27.5

138 12.0 13.9 20.9#

