

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042718\
 Data File : BG034068.D
 Acq On : 28 Apr 2018 10:50
 Operator : SJ/JU
 Sample : PB108633BS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 30 02:29:08 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 13:56:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	32862	20.00	ng	-0.08
21) Naphthalene-d8	10.54	136	259615	20.00	ng	-0.09
38) Acenaphthene-d10	14.39	164	199094	20.00	ng	-0.08
63) Phenanthrene-d10	17.14	188	536235	20.00	ng	-0.08
75) Chrysene-d12	21.39	240	561896	20.00	ng	-0.10
86) Perylene-d12	24.39	264	572483	20.00	ng	-0.17

System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	250033	121.47	ng	-0.08
7) Phenol-d6	6.94	99	424266	141.32	ng	-0.06
23) Nitrobenzene-d5	8.91	82	368045	80.68	ng	-0.08
41) 2,4,6-Tribromophenol	15.89	330	260273	112.05	ng	-0.08
44) 2-Fluorobiphenyl	13.01	172	1263431	93.22	ng	-0.09
78) Terphenyl-d14	19.78	244	2360100	94.36	ng	-0.08

Target Compounds				Qvalue		
3) Pyridine	3.70	79	97969	38.93	ng	88
4) n-Nitrosodimethylamine	3.64	42	38428	33.52	ng	# 94
6) Aniline	7.10	93	111170	27.70	ng	# 92
8) 2-Chlorophenol	7.32	128	163837	71.04	ng	96
9) Benzaldehyde	6.96	77	36666	19.90	ng	95
10) Phenol	6.97	94	171262	55.68	ng	99
11) bis(2-Chloroethyl)ether	7.19	93	119136	50.65	ng	83
12) 1,3-Dichlorobenzene	7.64	146	173099	65.20	ng	94
13) 1,4-Dichlorobenzene	7.79	146	197534	73.46	ng	96
14) 1,2-Dichlorobenzene	8.09	146	186154	71.18	ng	95
15) Benzyl Alcohol	8.01	79	62110	23.73	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.28	45	244816	53.36	ng	75
17) 2-Methylphenol	8.22	107	108289	47.51	ng	93
18) Hexachloroethane	8.81	117	74597	75.91	ng	97
19) n-Nitroso-di-n-propylamine	8.55	70	131802	51.50	ng	# 94
20) 3+4-Methylphenols	8.54	107	170396	51.45	ng	92
22) Acetophenone	8.58	105	233893	33.10	ng	98
24) Nitrobenzene	8.96	77	165517	33.30	ng	# 96
25) Isophorone	9.46	82	408271	39.81	ng	# 94
26) 2-Nitrophenol	9.66	139	64562	32.87	ng	93
27) 2,4-Dimethylphenol	9.73	122	148515	40.42	ng	93
28) bis(2-Chloroethoxy)methane	9.97	93	207176	38.22	ng	# 95
29) 2,4-Dichlorophenol	10.20	162	192085	46.90	ng	89
30) 1,2,4-Trichlorobenzene	10.40	180	207186	45.17	ng	98
31) Naphthalene	10.59	128	560378	41.97	ng	99
32) Benzoic acid	9.89	122	58103	19.27	ng	# 63
33) 4-Chloroaniline	10.76	127	57055	9.09	ng	# 94
34) Hexachlorobutadiene	10.87	225	131283	47.84	ng	96
35) Caprolactam	11.49	113	14031	8.06	ng	# 75
36) 4-Chloro-3-methylphenol	11.85	107	208382	41.69	ng	89
37) 2-Methylnaphthalene	12.20	142	442513	43.29	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.57	216	275990	41.75	ng	98
40) Hexachlorocyclopentadiene	12.55	237	346050	95.20	ng	95
42) 2,4,6-Trichlorophenol	12.82	196	163339	40.52	ng	96

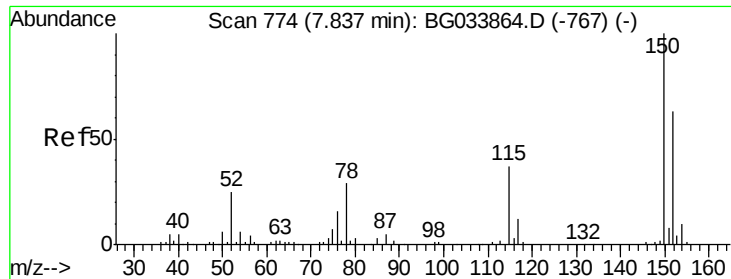
Data Path : Z:\HPCHEM1\BNA G\DATA\BG042718\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	12.91	196	203624	43.94	nq	95
45) 1,1'-Biphenyl	13.22	154	655275	40.66	nq	99
46) 2-Chloronaphthalene	13.26	162	496458	40.63	nq	99
47) 2-Nitroaniline	13.49	65	120361	31.54	nq	90
48) Acenaphthylene	14.11	152	841856	41.44	nq	99
49) Dimethylphthalate	13.86	163	735510	42.00	nq	99
50) 2,6-Dinitrotoluene	13.98	165	158634	47.80	nq	# 83
51) Acenaphthene	14.45	154	489335	38.35	nq	98
52) 3-Nitroaniline	14.35	138	54515	15.13	nq	# 86
53) 2,4-Dinitrophenol	14.52	184	111952	94.32	nq	# 66
54) Dibenzofuran	14.79	168	844538	44.64	nq	95
55) 4-Nitrophenol	14.66	139	140441	49.69	nq	# 82
56) 2,4-Dinitrotoluene	14.77	165	225371	51.06	nq	# 80
57) Fluorene	15.44	166	722685	44.14	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.03	232	235089	55.41	nq	# 91
59) Diethylphthalate	15.23	149	776590	41.95	nq	99
60) 4-Chlorophenyl-phenylether	15.44	204	396449	46.30	nq	95
61) 4-Nitroaniline	15.44	138	10801	2.82	nq	# 33
62) Azobenzene	15.74	77	606560	36.76	nq	94
64) 4,6-Dinitro-2-methylphenol	15.53	198	106864	42.28	nq	85
65) n-Nitrosodiphenylamine	15.66	169	637575	40.90	nq	97
66) 4-Bromophenyl-phenylether	16.34	248	249860	42.43	nq	99
67) Hexachlorobenzene	16.44	284	273248	43.51	nq	97
68) Atrazine	16.62	200	274573	44.96	nq	98
69) Pentachlorophenol	16.80	266	329542	76.39	nq	# 57
70) Phenanthrene	17.18	178	1173563	40.80	nq	98
71) Anthracene	17.28	178	1304561	45.35	nq	99
72) Carbazole	17.56	167	1113453	40.12	nq	98
73) Di-n-butylphthalate	18.12	149	1373537	39.78	nq	99
74) Fluoranthene	19.20	202	1551530	44.59	nq	97
76) Benzidine	19.44	184	175250	11.55	nq	# 97
77) Pyrene	19.57	202	1521719	41.29	nq	95
79) Butylbenzylphthalate	20.48	149	638302	39.44	nq	87
80) Benzo(a)anthracene	21.37	228	1450504	40.94	nq	97
81) 3,3'-Dichlorobenzidine	21.31	252	319786	24.21	nq	98
82) Chrysene	21.43	228	1510332	44.64	nq	96
83) Bis(2-ethylhexyl)phthalate	21.30	149	892722	39.06	nq	99
84) Di-n-octyl phthalate	22.44	149	1524618	42.02	nq	96
85) Indeno(1,2,3-cd)pyrene	27.77	276	1680096	43.62	nq	# 91
87) Benzo(b)fluoranthene	23.44	252	1384645	39.65	nq	99
88) Benzo(k)fluoranthene	23.51	252	1560026	44.97	nq	96
89) Benzo(a)pyrene	24.25	252	1506592	45.04	nq	99
90) Dibenzo(a,h)anthracene	27.85	278	1411480	43.61	nq	99
91) Benzo(g,h,i)perylene	28.83	276	1401514	44.01	nq	97

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

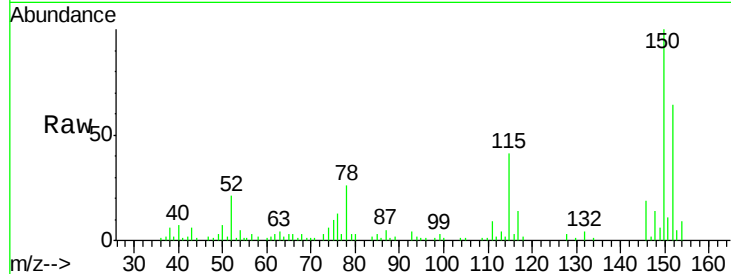


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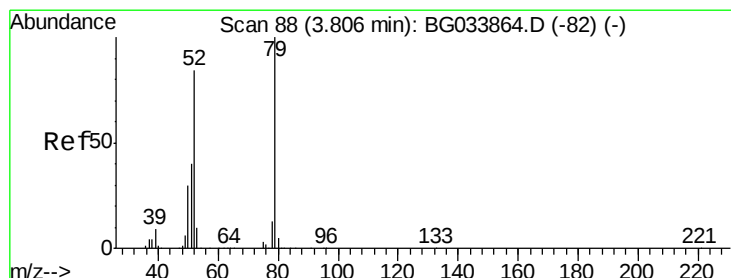
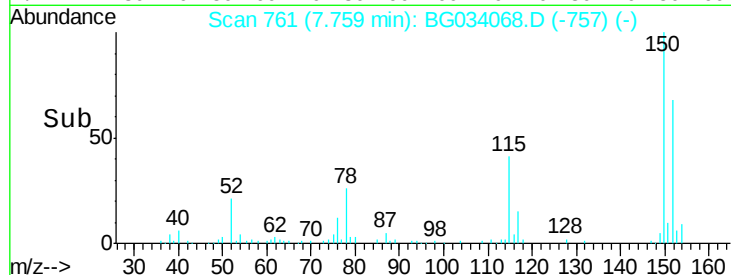
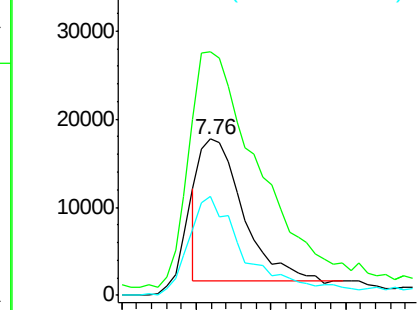
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.76 min Scan# 761
Delta R.T. -0.08 min
Lab File: BG034068.D
Acq: 28 Apr 2018 10:50

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 32862
Ion Ratio Lower Upper
152 100
150 155.6 126.6 189.8
115 63.6 53.0 79.4



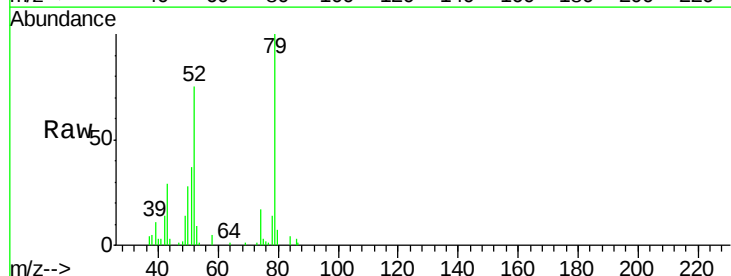
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



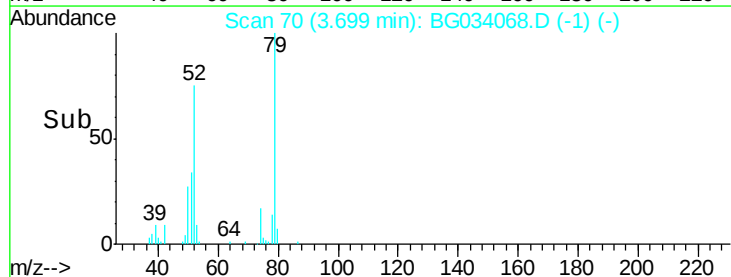
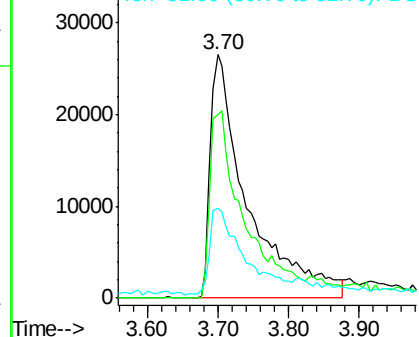
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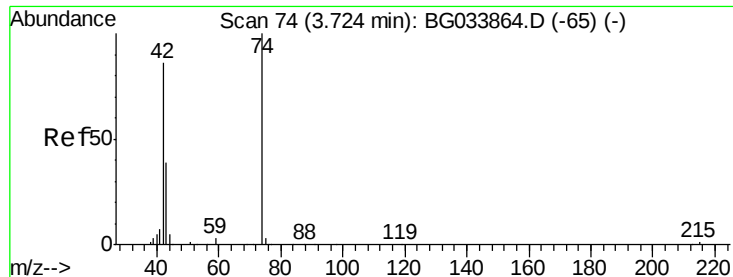
Pyridine
Concen: 38.93 ng
RT: 3.70 min Scan# 70
Delta R.T. -0.11 min
Lab File: BG034068.D
Acq: 28 Apr 2018 10:50

Tgt Ion: 79 Resp: 97969
Ion Ratio Lower Upper
79 100
52 75.2 69.9 104.9
51 36.8 34.0 51.0



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





#4

n-Nitrosodimethylamine

Concen: 33.52 ng

RT: 3.64 min Scan# 60

Delta R.T. -0.08 min

Lab File: BG034068.D

Acq: 28 Apr 2018 10:50

Instrument :

BNA_G

ClientSampleId :

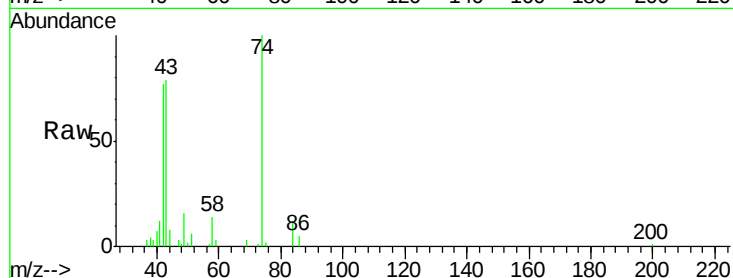
Tot Ion: 42 Resp: 38428

Ion Ratio Lower Upper

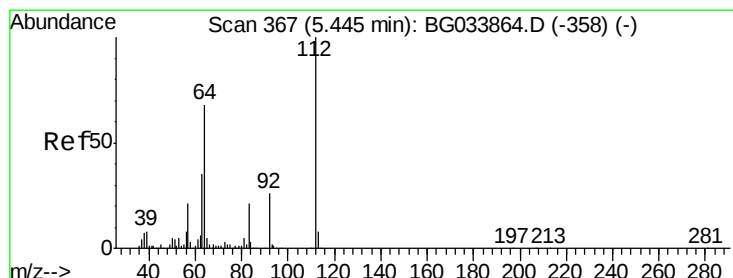
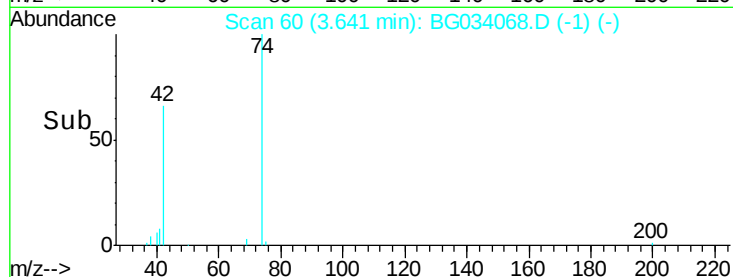
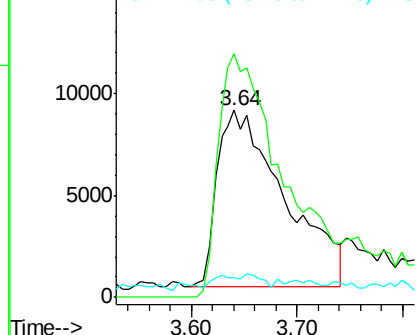
42 100

74 130.3 102.5 153.7

44 10.3 18.9 28.3#



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



#5

2-Fluorophenol

Concen: 121.47 ng

RT: 5.37 min Scan# 354

Delta R.T. -0.08 min

Lab File: BG034068.D

Acq: 28 Apr 2018 10:50

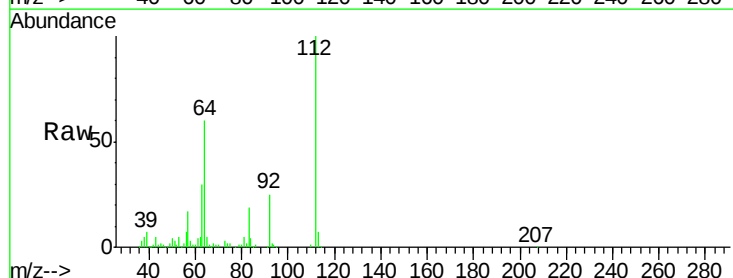
Tgt Ion: 112 Resp: 250033

Ion Ratio Lower Upper

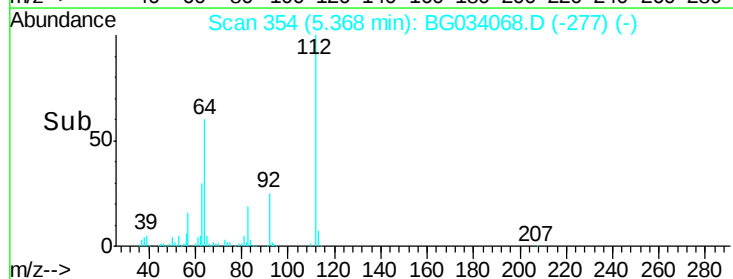
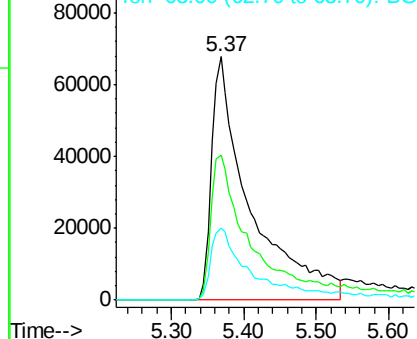
112 100

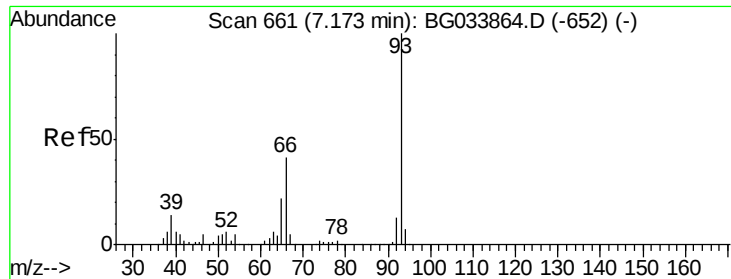
64 59.8 56.3 84.5

63 29.5 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#6

Aniline

Concen: 27.70 ng

RT: 7.10 min Scan# 648

Delta R.T. -0.08 min

Lab File: BG034068.D

Acq: 28 Apr 2018 10:50

Instrument :

BNA_G

ClientSampled :

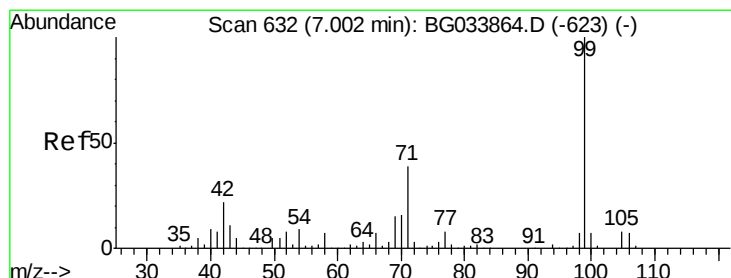
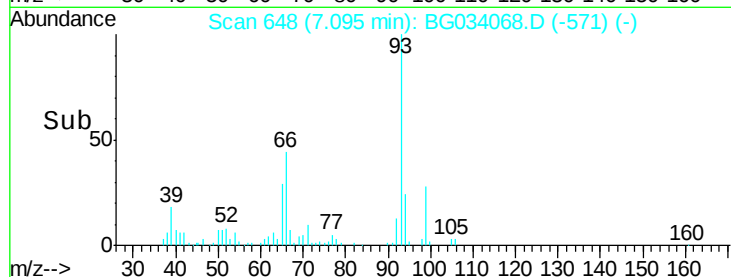
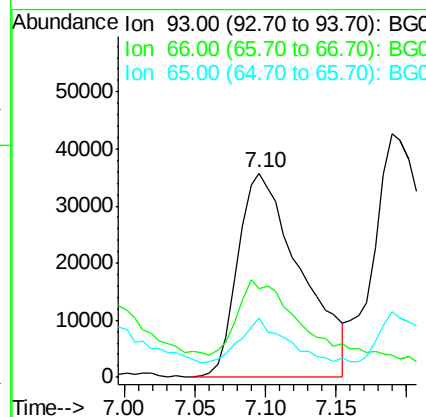
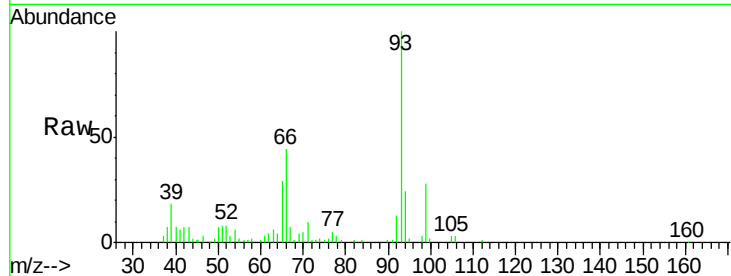
Tot Ion: 93 Resp: 111170

Ion Ratio Lower Upper

93 100

66 43.6 33.7 50.5

65 28.9 16.1 24.1#



#7

Phenol-d6

Concen: 141.32 ng

RT: 6.94 min Scan# 622

Delta R.T. -0.06 min

Lab File: BG034068.D

Acq: 28 Apr 2018 10:50

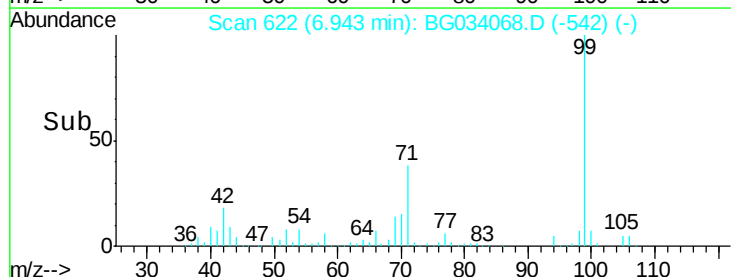
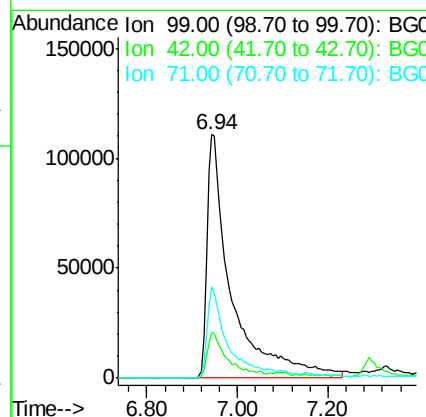
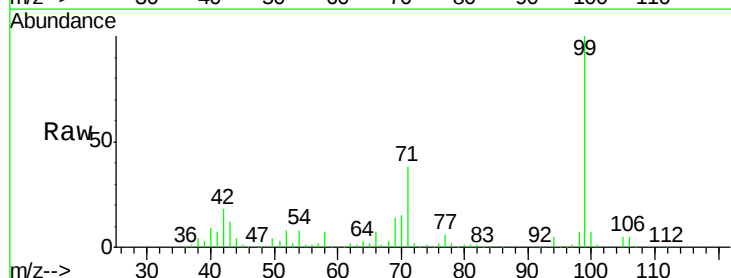
Tgt Ion: 99 Resp: 424266

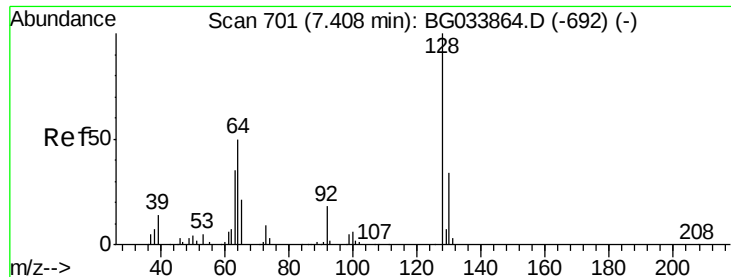
Ion Ratio Lower Upper

99 100

42 18.3 14.1 21.1

71 37.7 26.1 39.1





#8

2-Chlorophenol

Concen: 71.04 ng

RT: 7.32 min Scan# 687

Delta R.T. -0.08 min

Lab File: BG034068.D

Acq: 28 Apr 2018 10:50

Instrument :

BNA_G

ClientSampleId :

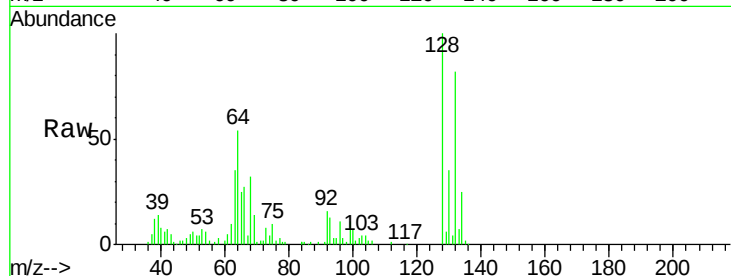
Tot Ion:128 Resp: 163837

Ion Ratio Lower Upper

128 100

130 34.6 14.0 54.0

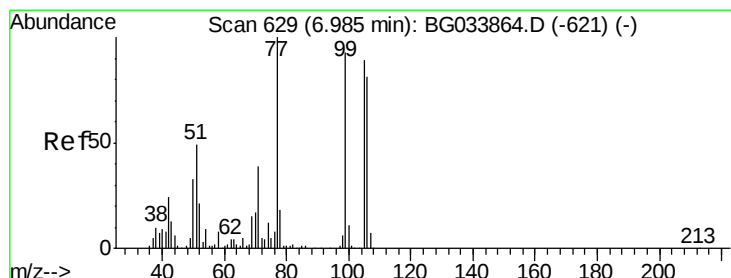
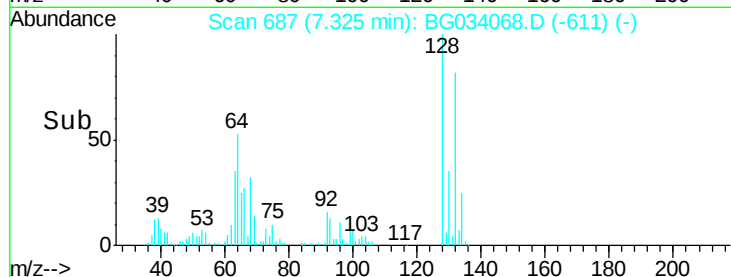
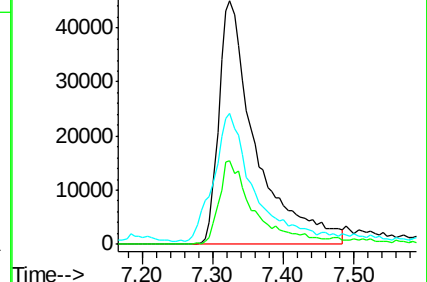
64 53.9 37.7 77.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): E



#9

Benzaldehyde

Concen: 19.90 ng

RT: 6.96 min Scan# 625

Delta R.T. -0.02 min

Lab File: BG034068.D

Acq: 28 Apr 2018 10:50

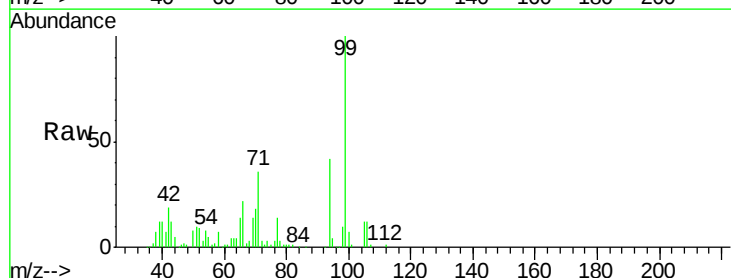
Tgt Ion: 77 Resp: 36666

Ion Ratio Lower Upper

77 100

105 85.5 71.3 111.3

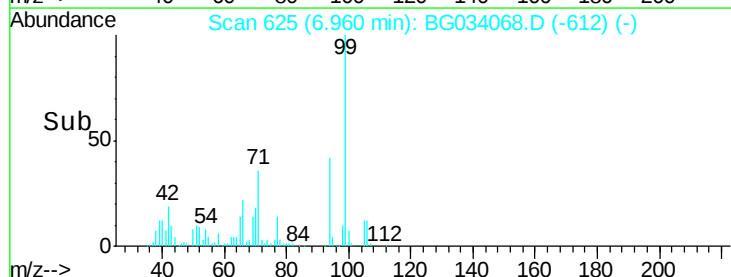
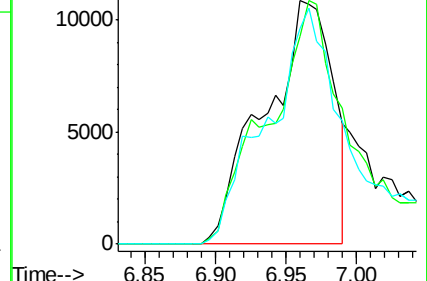
106 88.5 64.2 104.2

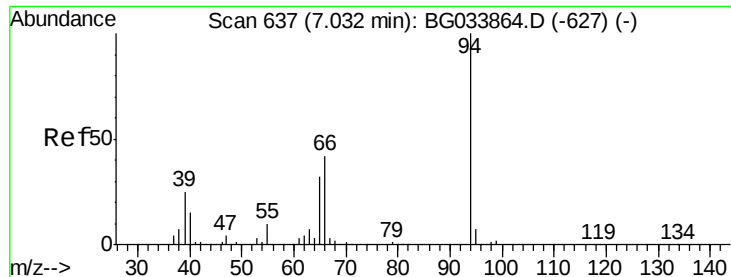


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 55.68 ng

RT: 6.97 min Scan# 627

Delta R.T. -0.06 min

Lab File: BG034068.D

Acq: 28 Apr 2018 10:50

Instrument :

BNA_G

ClientSampled :

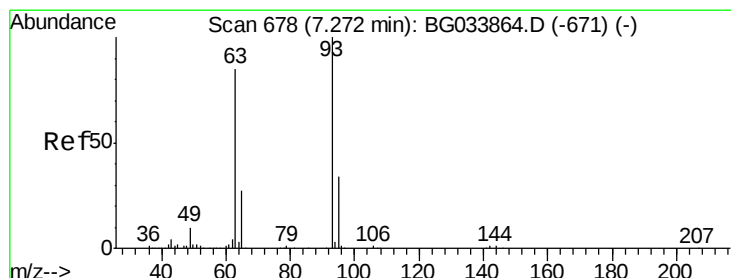
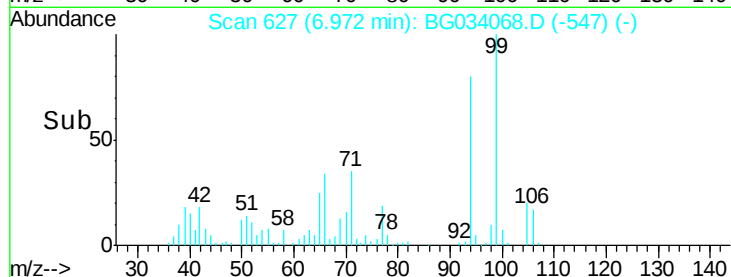
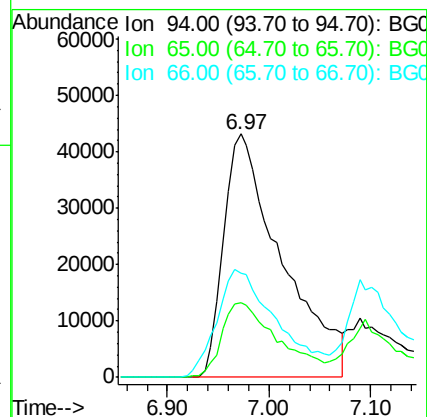
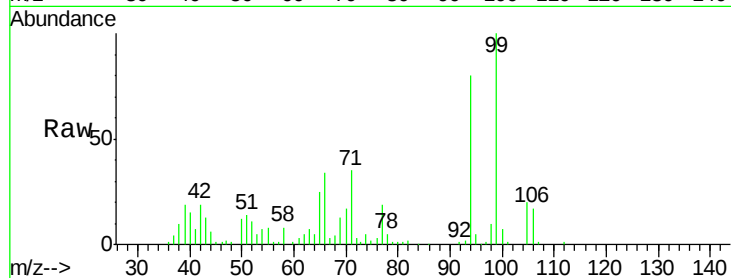
Tot Ion: 94 Resp: 171262

Ion Ratio Lower Upper

94 100

65 30.7 11.9 51.9

66 42.6 22.2 62.2



#11

bis(2-Chloroethyl)ether

Concen: 50.65 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.08 min

Lab File: BG034068.D

Acq: 28 Apr 2018 10:50

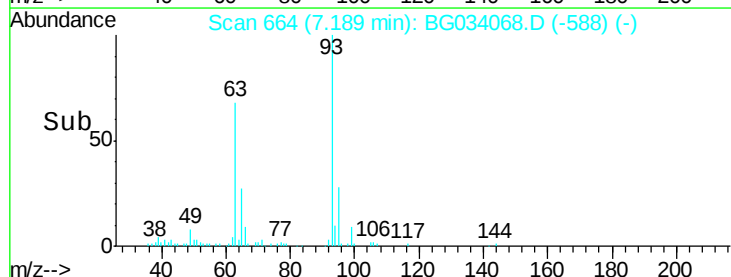
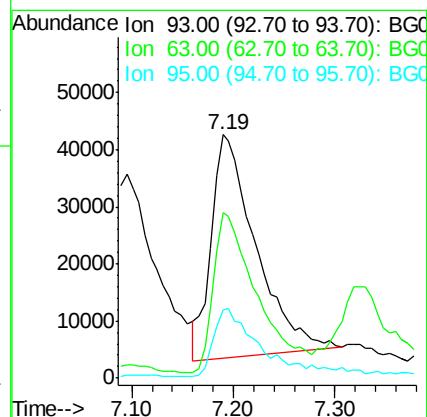
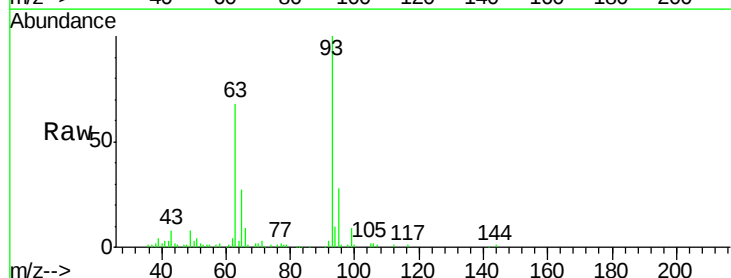
Tgt Ion: 93 Resp: 119136

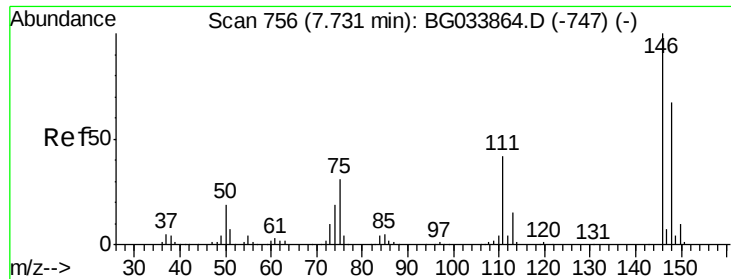
Ion Ratio Lower Upper

93 100

63 68.0 67.1 107.1

95 27.9 11.5 51.5





#12

1,3-Dichlorobenzene

Concen: 65.20 ng

RT: 7.64 min Scan# 741

Delta R.T. -0.09 min

Lab File: BG034068.D

Acq: 28 Apr 2018 10:50

Instrument :

BNA_G

ClientSampleId :

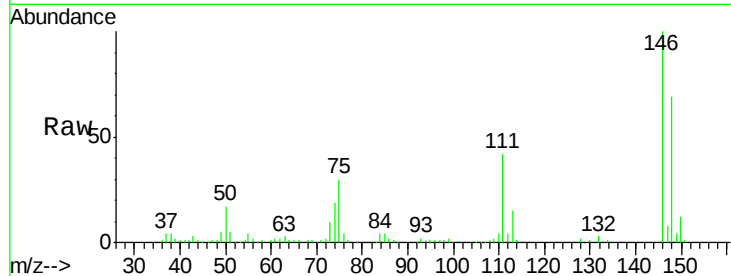
Tot Ion:146 Resp: 173099

Ion Ratio Lower Upper

146 100

148 68.8 51.4 77.2

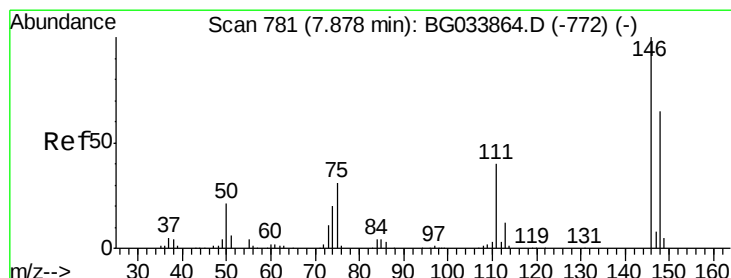
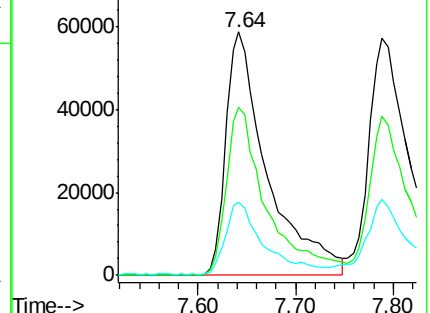
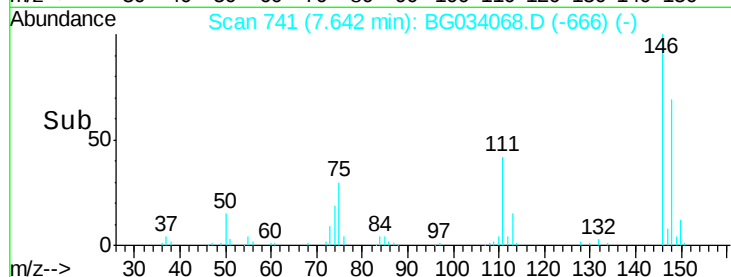
75 30.3 26.6 39.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): B



#13

1,4-Dichlorobenzene

Concen: 73.46 ng

RT: 7.79 min Scan# 766

Delta R.T. -0.09 min

Lab File: BG034068.D

Acq: 28 Apr 2018 10:50

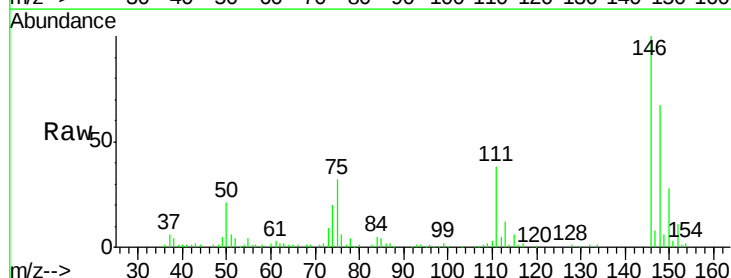
Tgt Ion:146 Resp: 197534

Ion Ratio Lower Upper

146 100

148 66.9 53.7 80.5

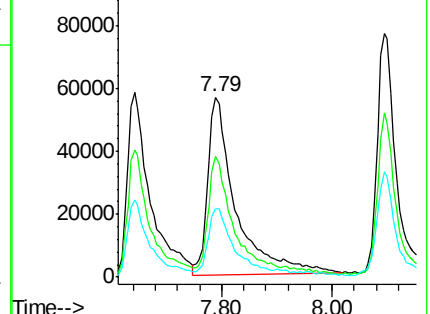
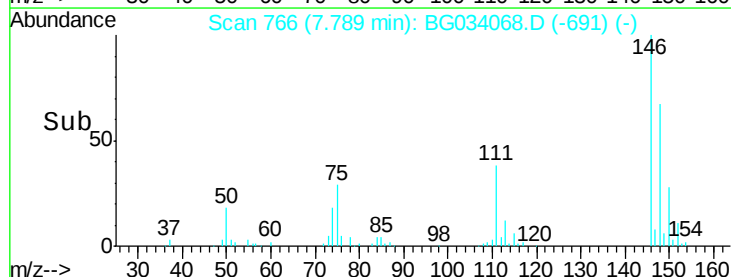
111 37.9 35.2 52.8

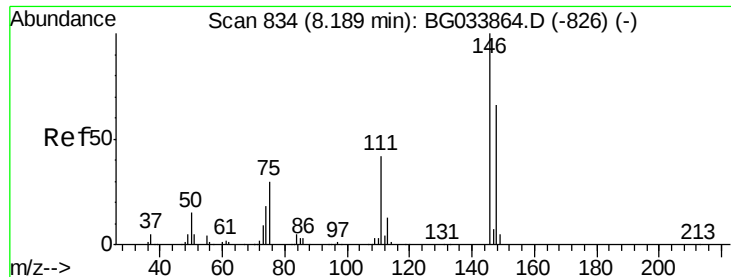


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

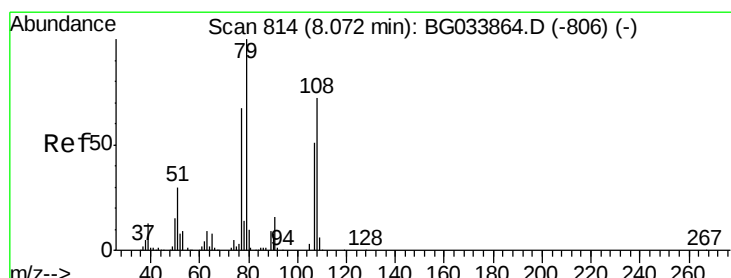
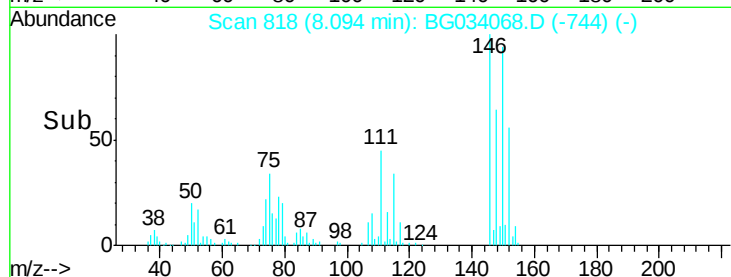
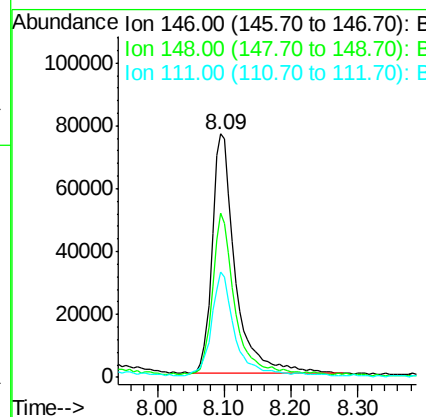
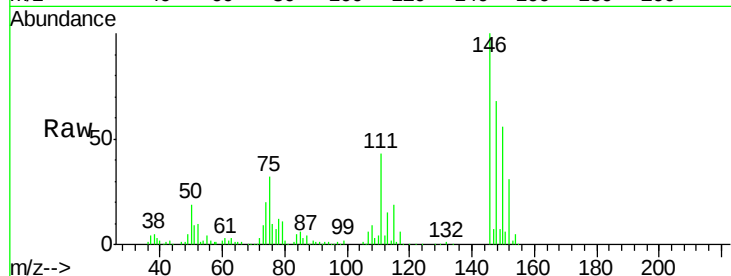




#14
 1,2-Dichlorobenzene
 Concen: 71.18 ng
 RT: 8.09 min Scan# 818
 Delta R.T. -0.09 min
 Lab File: BG034068.D
 Acq: 28 Apr 2018 10:50

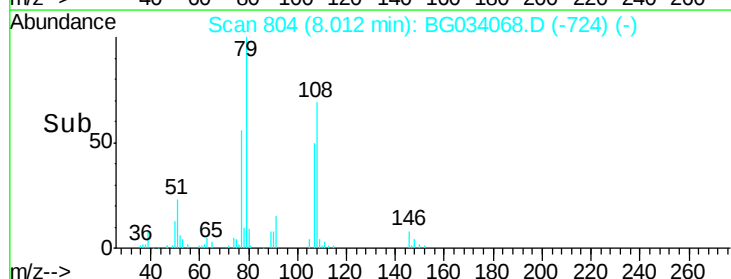
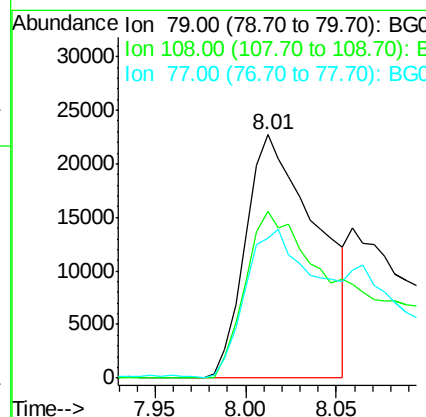
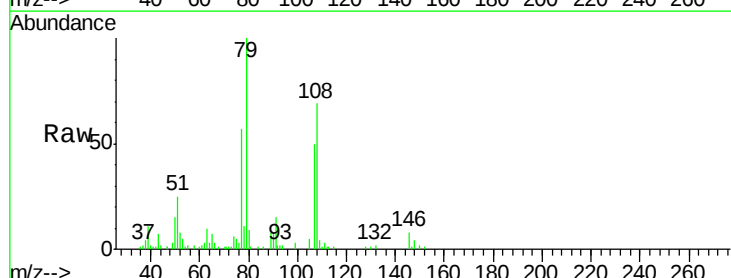
Instrument :
 BNA_G
 ClientSampleId :

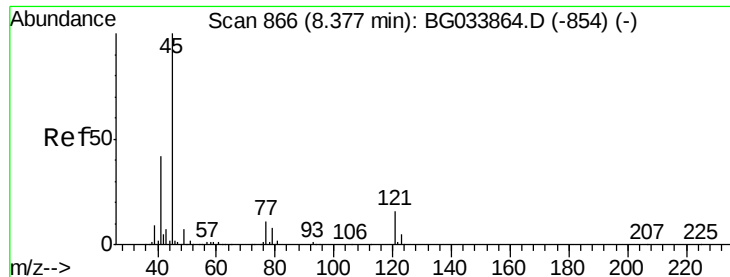
Tot Ion:146 Resp: 186154
 Ion Ratio Lower Upper
 146 100
 148 67.6 49.3 73.9
 111 43.4 34.3 51.5



#15
 Benzyl Alcohol
 Concen: 23.73 ng
 RT: 8.01 min Scan# 804
 Delta R.T. -0.06 min
 Lab File: BG034068.D
 Acq: 28 Apr 2018 10:50

Tgt Ion: 79 Resp: 62110
 Ion Ratio Lower Upper
 79 100
 108 68.6 57.2 85.8
 77 57.3 46.1 69.1

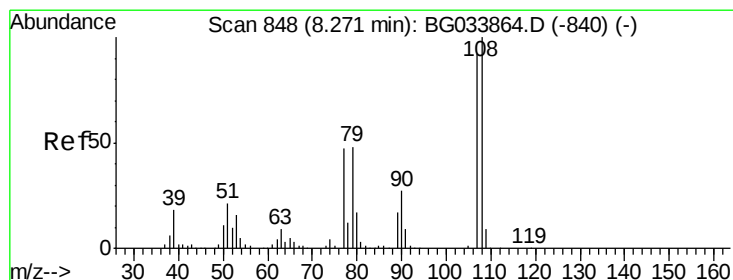
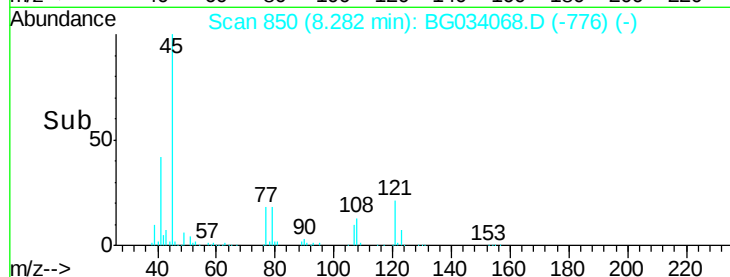
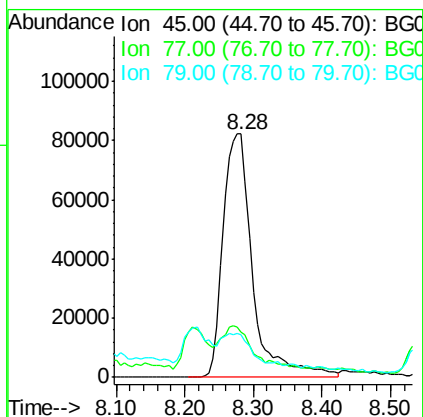
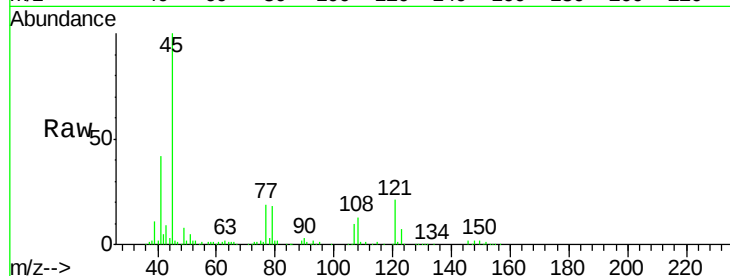




#16
 2,2'-oxvbis(1-Chloropropane)
 Concen: 53.36 ng
 RT: 8.28 min Scan# 850
 Delta R.T. -0.09 min
 Lab File: BG034068.D
 Acq: 28 Apr 2018 10:50

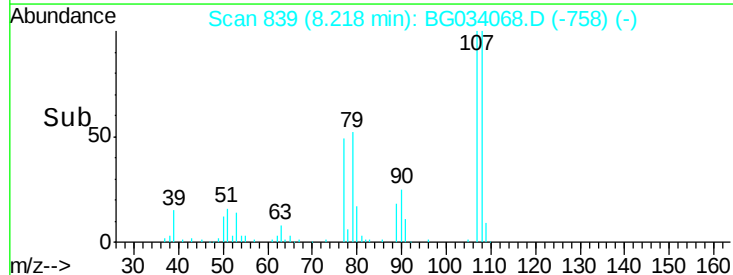
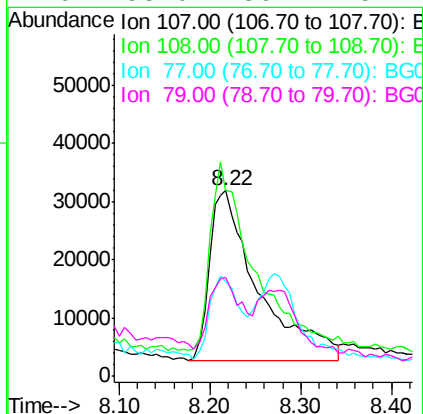
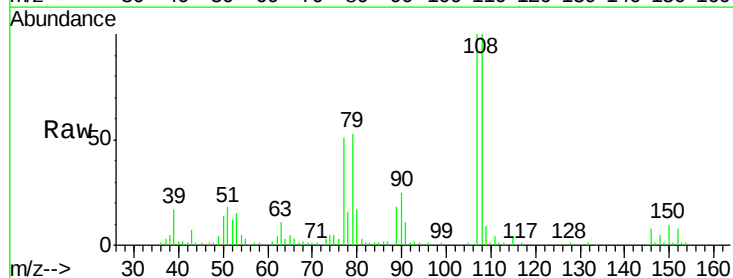
Instrument :
 BNA_G
 ClientSampled :

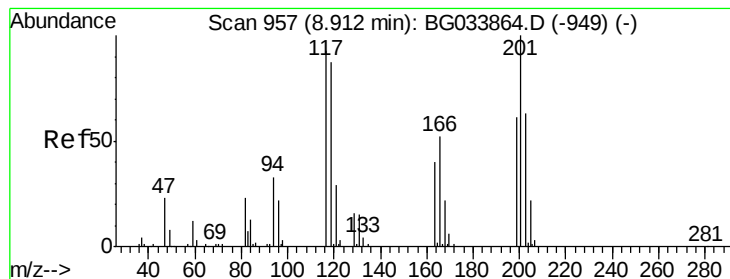
Tot Ion: 45 Resp: 244816
 Ion Ratio Lower Upper
 45 100
 77 18.6 0.0 30.2
 79 17.7 0.0 27.9



#17
 2-Methylphenol
 Concen: 47.51 ng
 RT: 8.22 min Scan# 839
 Delta R.T. -0.05 min
 Lab File: BG034068.D
 Acq: 28 Apr 2018 10:50

Tgt Ion: 107 Resp: 108289
 Ion Ratio Lower Upper
 107 100
 108 100.0 83.9 125.9
 77 51.0 37.2 55.8
 79 53.0 36.2 54.2





#18

Hexachloroethane

Concen: 75.91 ng

RT: 8.81 min Scan# 940

Delta R.T. -0.10 min

Lab File: BG034068.D

Acq: 28 Apr 2018 10:50

Instrument :

BNA_G

ClientSampleId :

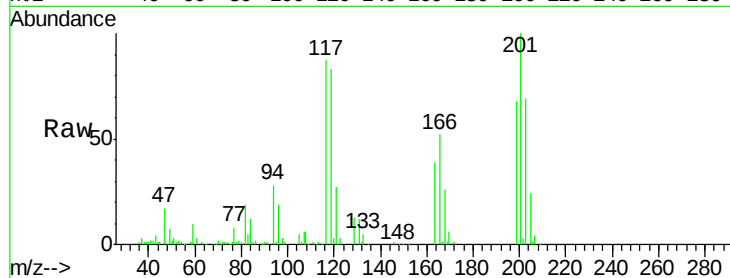
Tot Ion:117 Resp: 74597

Ion Ratio Lower Upper

117 100

119 95.3 76.7 115.1

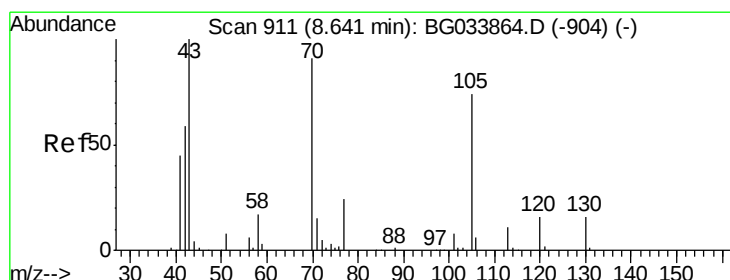
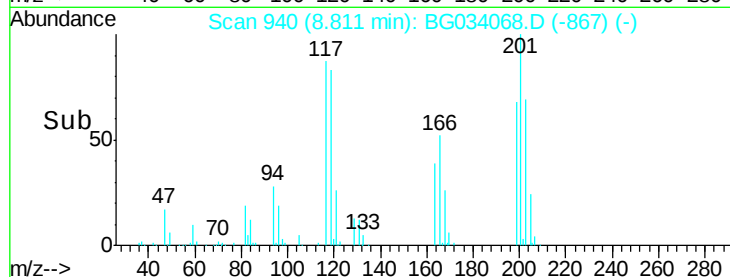
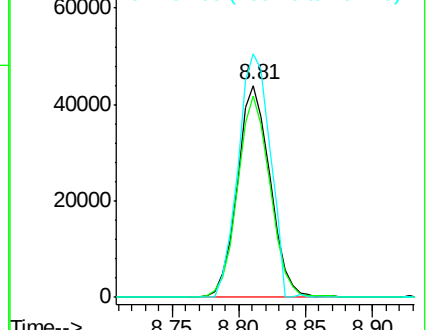
201 114.9 95.7 143.5



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: 51.50 ng

RT: 8.55 min Scan# 896

Delta R.T. -0.09 min

Lab File: BG034068.D

Acq: 28 Apr 2018 10:50

Tgt Ion: 70 Resp: 131802

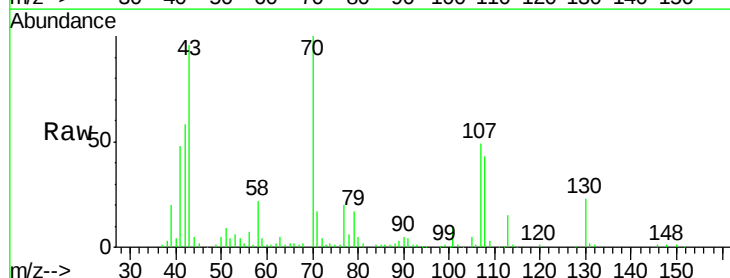
Ion Ratio Lower Upper

70 100

42 57.8 49.1 73.7

101 9.9 8.5 12.7

130 23.0 13.4 20.0#

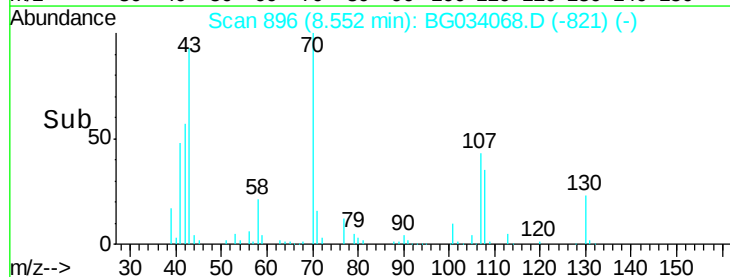
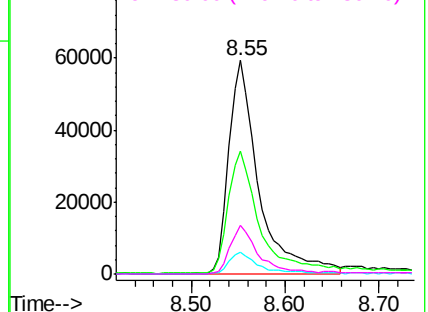


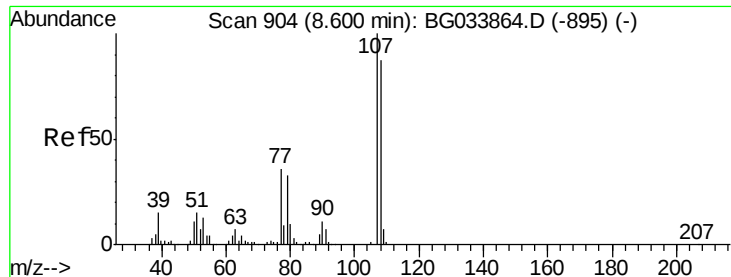
Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC





#20

3+4-Methylphenols

Concen: 51.45 ng

RT: 8.54 min Scan# 894

Delta R.T. -0.06 min

Lab File: BG034068.D

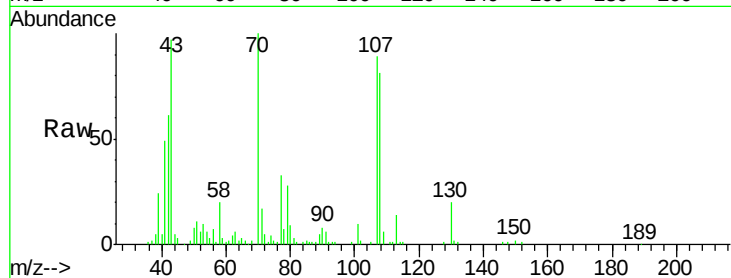
Acq: 28 Apr 2018 10:50

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107	Resp:	170396
Ion Ratio	Lower	Upper
107	100	
108	90.9	61.6 101.6
77	37.6	13.9 53.9
79	31.4	8.8 48.8

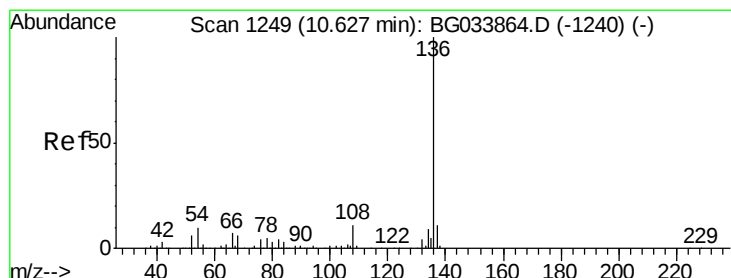
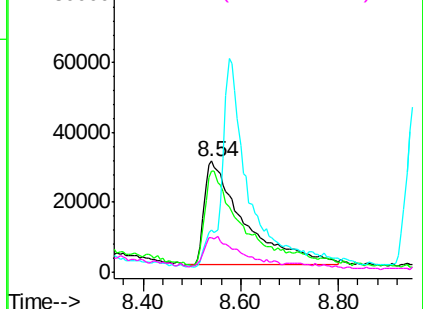
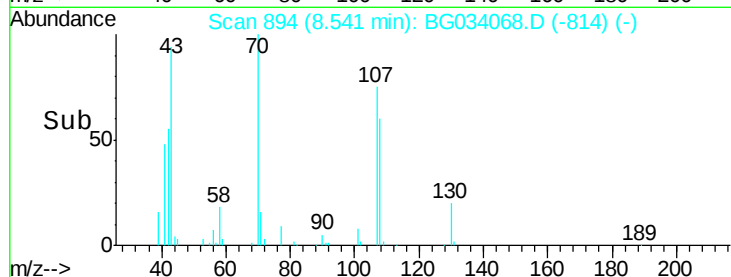


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#21

Naphthalene-d8

Concen: 20.00 ng

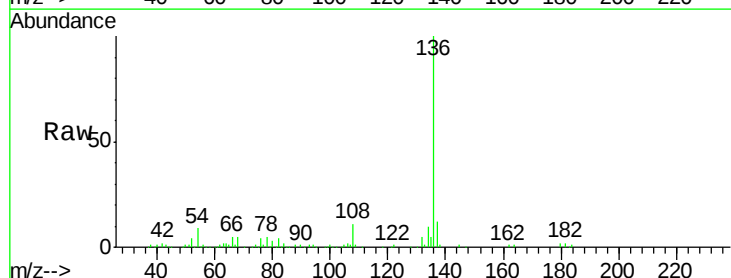
RT: 10.54 min Scan# 1234

Delta R.T. -0.09 min

Lab File: BG034068.D

Acq: 28 Apr 2018 10:50

Tgt Ion:136	Resp:	259615
Ion Ratio	Lower	Upper
136	100	
137	11.6	9.2 13.8
54	8.8	10.3 15.5#
68	5.4	4.5 6.7

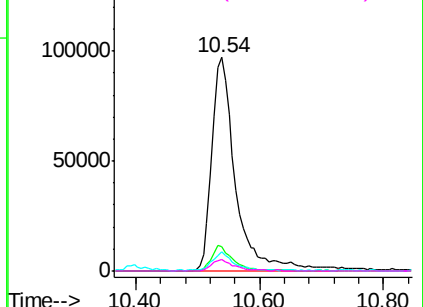
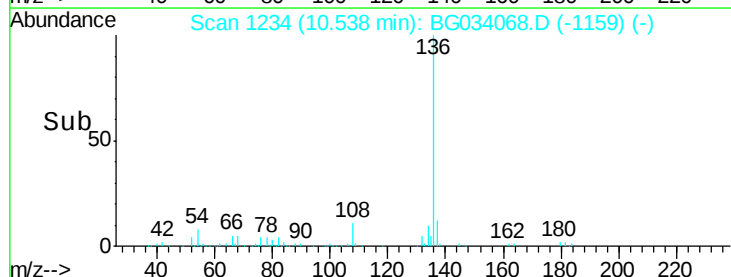


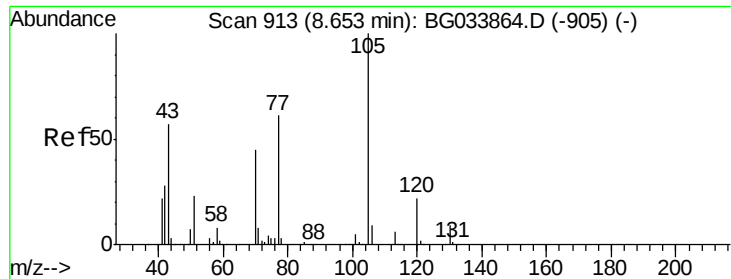
Abundance Ion 136.00 (135.70 to 136.70): E

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

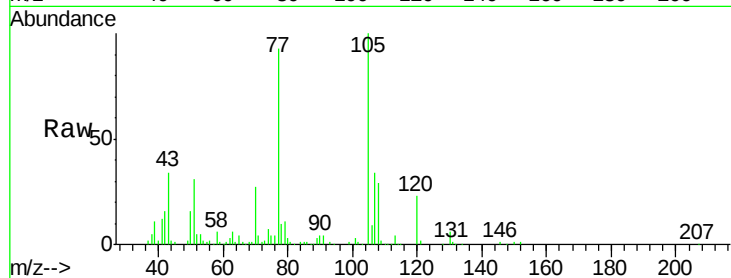




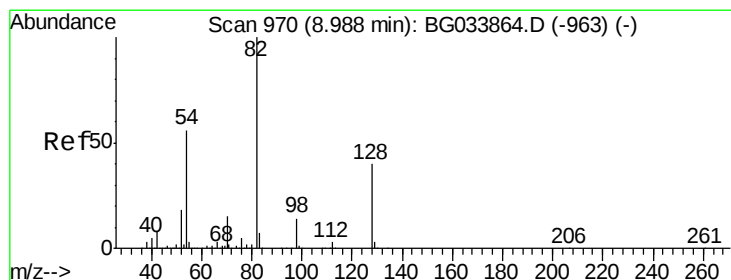
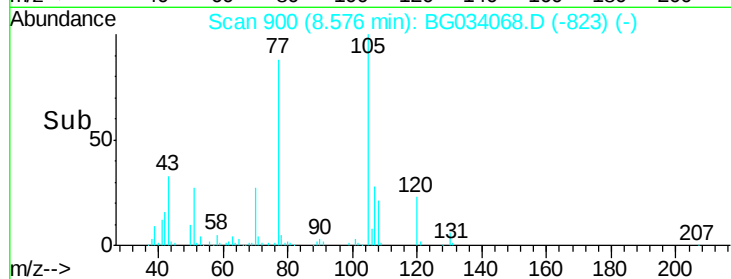
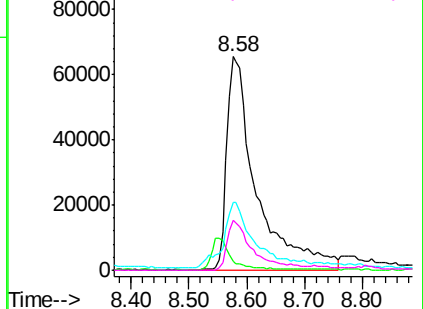
#22
Acetophenone
Concen: 33.10 ng
RT: 8.58 min Scan# 900
Delta R.T. -0.08 min
Lab File: BG034068.D
Acq: 28 Apr 2018 10:50

Instrument :
BNA_G
ClientSampled :

Tot Ion:105 Resp: 233893
Ion Ratio Lower Upper
105 100
71 4.3 3.0 4.4
51 31.5 26.1 39.1
120 23.2 17.4 26.2

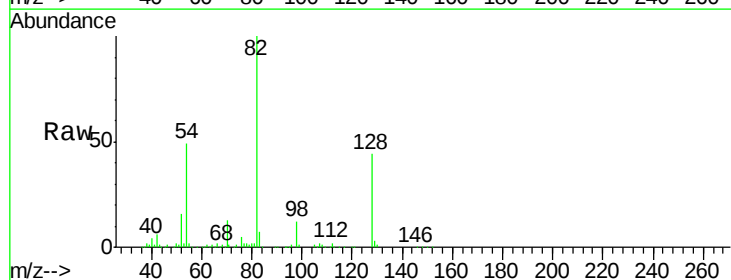


Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

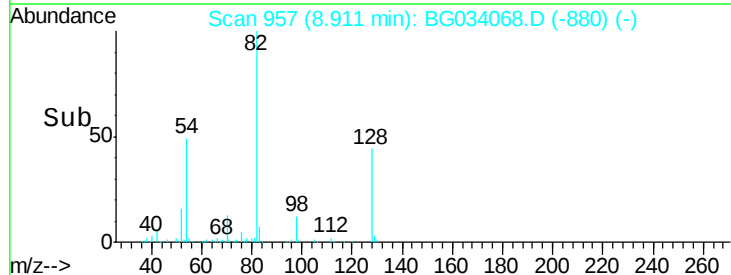
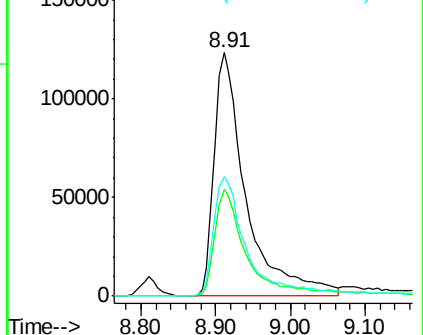


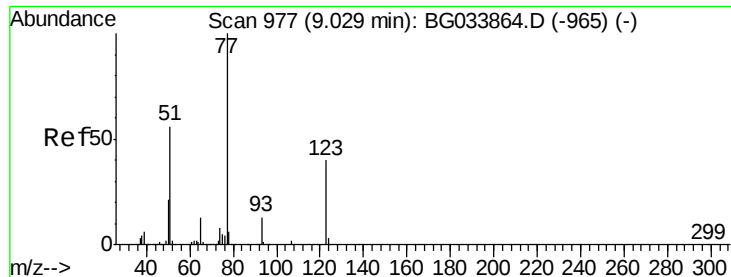
#23
Nitrobenzene-d5
Concen: 80.68 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.08 min
Lab File: BG034068.D
Acq: 28 Apr 2018 10:50

Tgt Ion: 82 Resp: 368045
Ion Ratio Lower Upper
82 100
128 43.7 29.7 44.5
54 49.1 43.1 64.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC

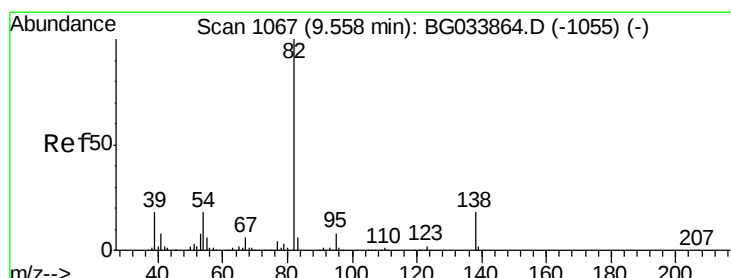
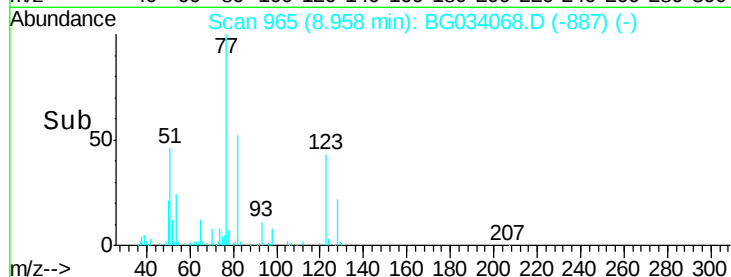
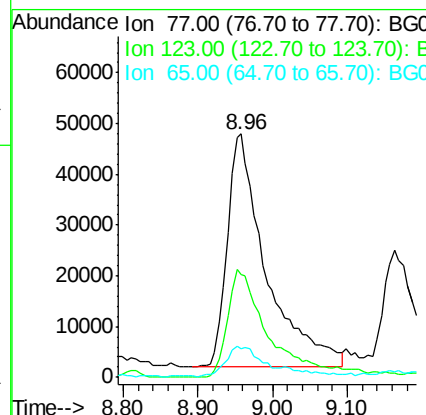
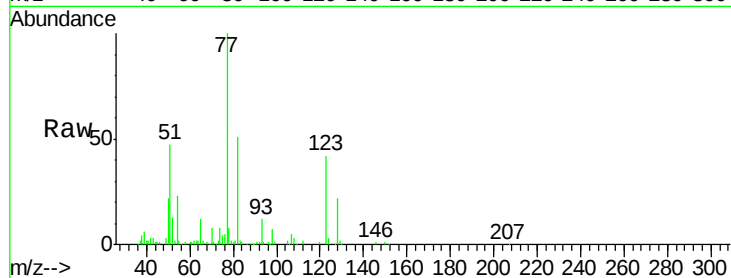




#24
 Nitrobenzene
 Concen: 33.30 ng
 RT: 8.96 min Scan# 965
 Delta R.T. -0.07 min
 Lab File: BG034068.D
 Acq: 28 Apr 2018 10:50

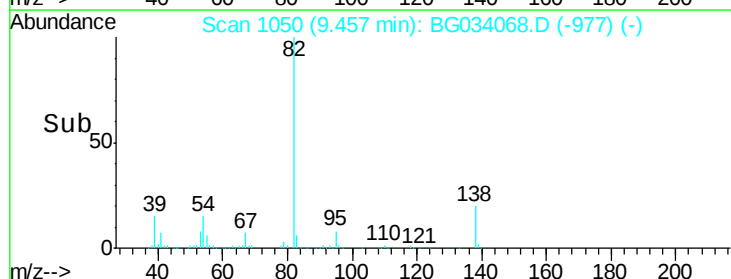
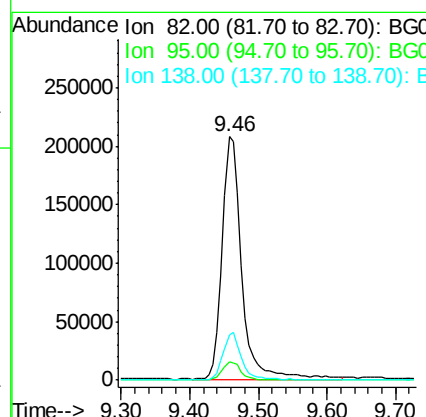
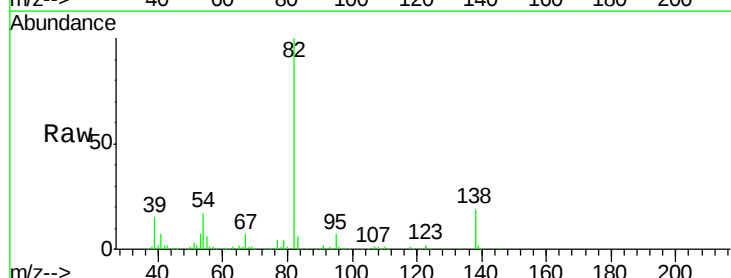
Instrument :
 BNA_G
 ClientSampleId :

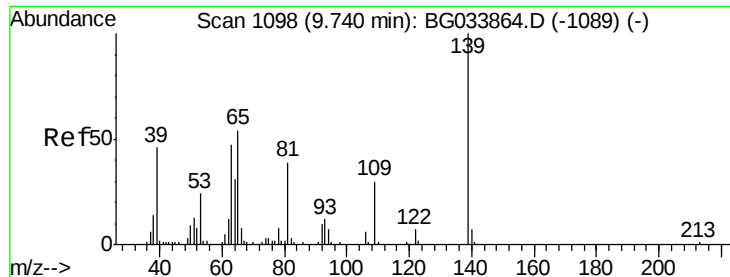
Tot Ion	Ratio	Lower	Upper
77	100		
123	42.0	33.0	49.6
65	12.0	13.0	19.6#



#25
 Isophorone
 Concen: 39.81 ng
 RT: 9.46 min Scan# 1050
 Delta R.T. -0.10 min
 Lab File: BG034068.D
 Acq: 28 Apr 2018 10:50

Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.5	6.2	9.2
138	18.8	12.1	18.1#

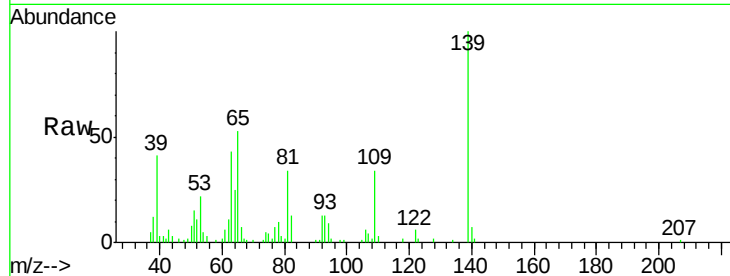




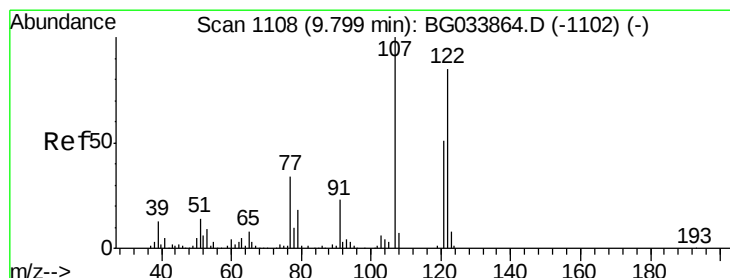
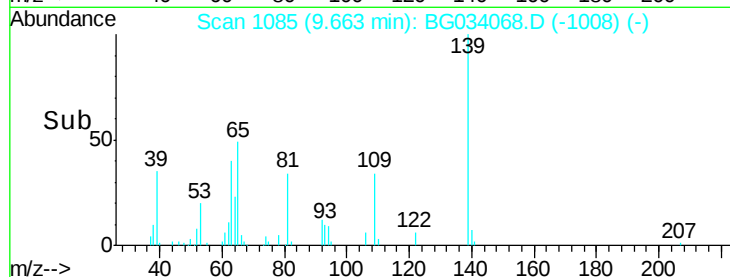
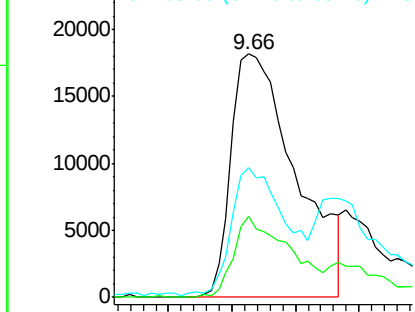
#26
2-Nitrophenol
Concen: 32.87 ng
RT: 9.66 min Scan# 1085
Delta R.T. -0.08 min
Lab File: BG034068.D
Acq: 28 Apr 2018 10:50

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
139	100		
109	33.5	24.2	36.2
65	53.1	47.4	71.0

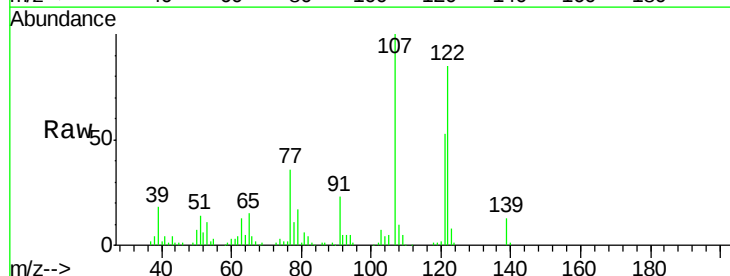


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

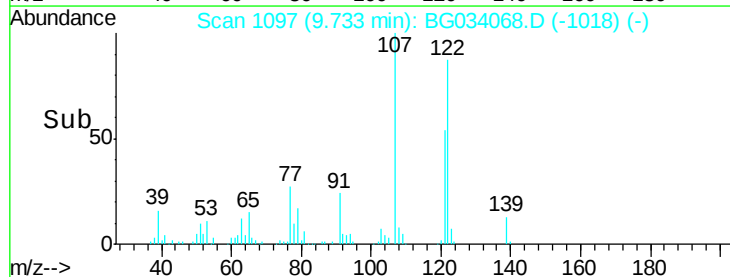
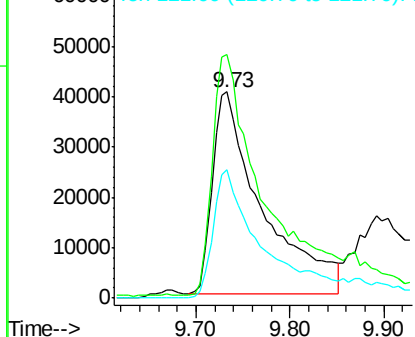


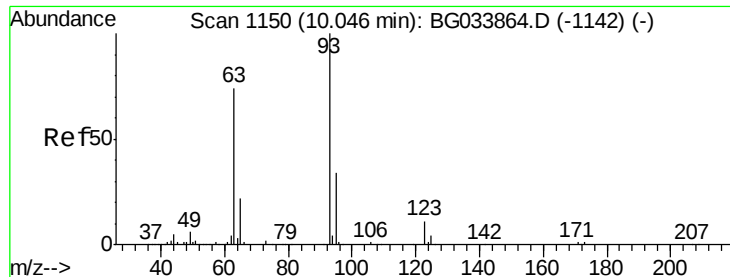
#27
2,4-Dimethylphenol
Concen: 40.42 ng
RT: 9.73 min Scan# 1097
Delta R.T. -0.07 min
Lab File: BG034068.D
Acq: 28 Apr 2018 10:50

Tgt Ion	Ratio	Lower	Upper
122	100		
107	118.0	100.2	150.2
121	61.9	44.4	66.6



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

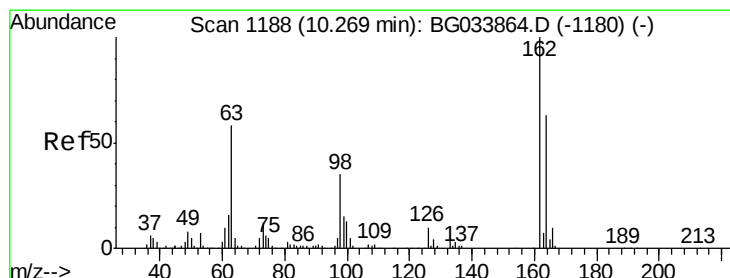
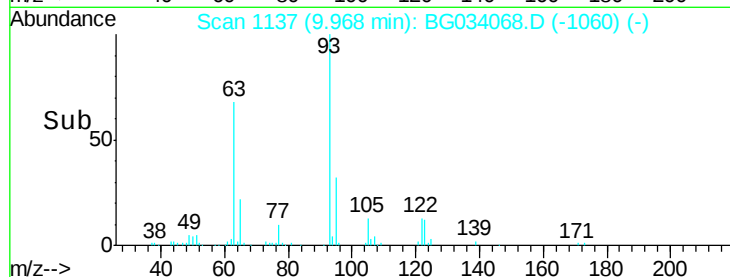
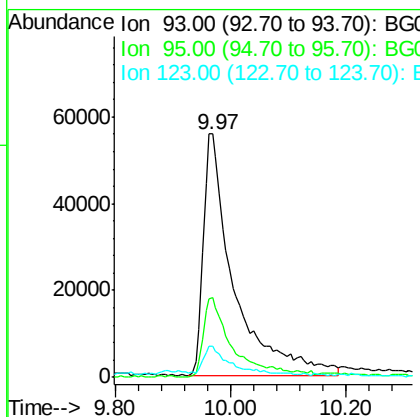
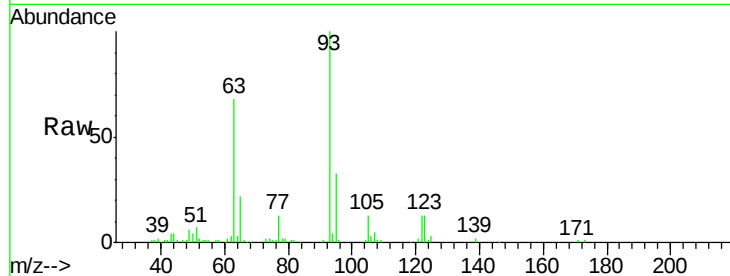




#28
bis(2-Chloroethoxy)methane
Concen: 38.22 ng
RT: 9.97 min Scan# 1137
Delta R.T. -0.08 min
Lab File: BG034068.D
Acq: 28 Apr 2018 10:50

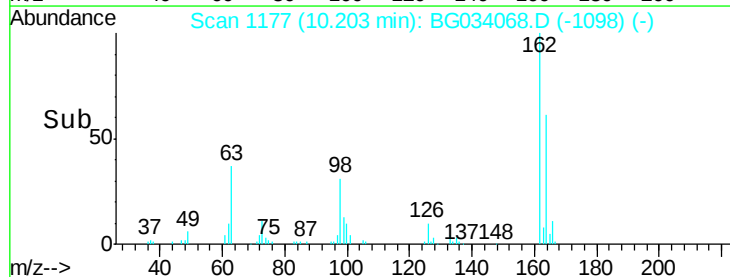
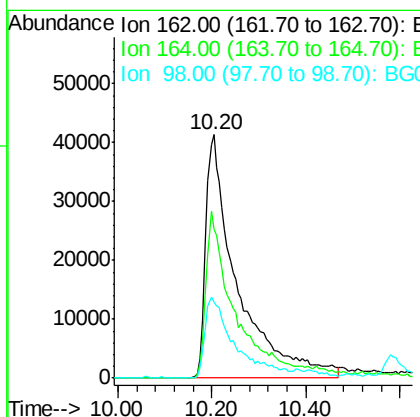
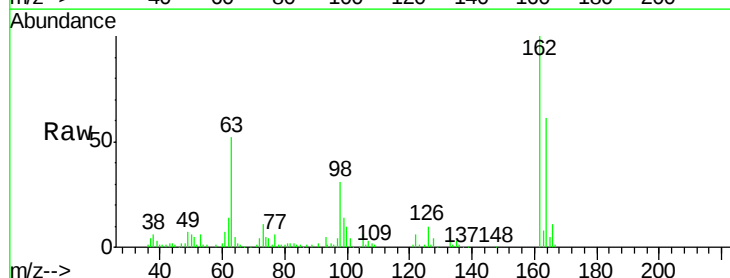
Instrument :
BNA_G
ClientSampleId :

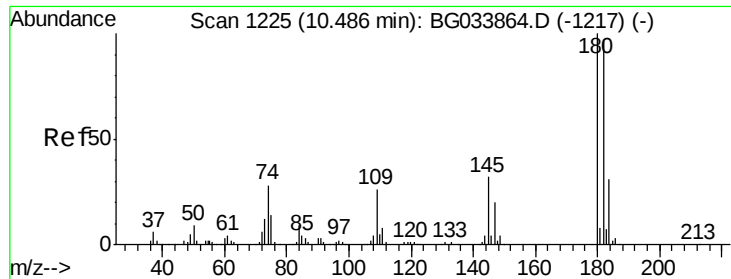
Tot Ion: 93 Resp: 207176
Ion Ratio Lower Upper
93 100
95 33.0 24.3 36.5
123 12.9 8.4 12.6#



#29
2,4-Dichlorophenol
Concen: 46.90 ng
RT: 10.20 min Scan# 1177
Delta R.T. -0.07 min
Lab File: BG034068.D
Acq: 28 Apr 2018 10:50

Tgt Ion: 162 Resp: 192085
Ion Ratio Lower Upper
162 100
164 60.9 48.0 88.0
98 31.4 21.1 61.1

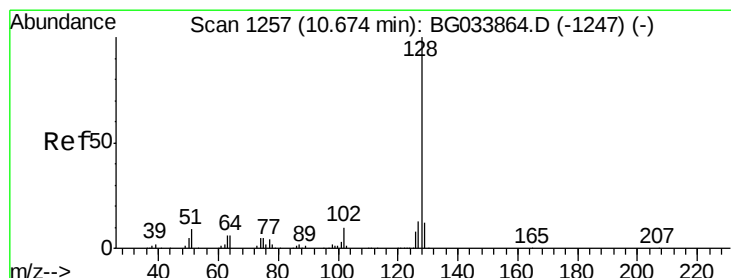
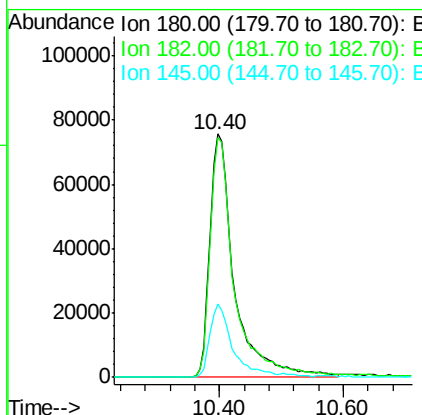
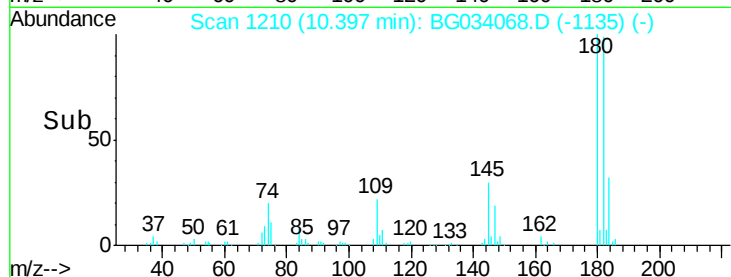
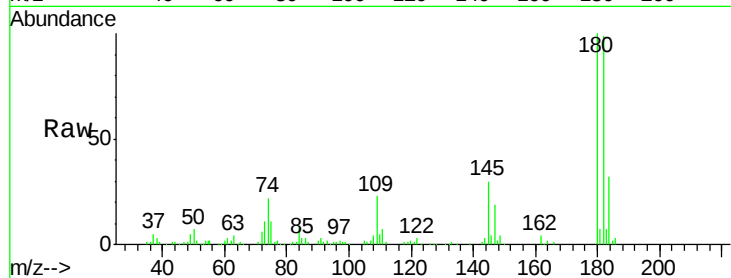




#30
 1,2,4-Trichlorobenzene
 Concen: 45.17 ng
 RT: 10.40 min Scan# 1210
 Delta R.T. -0.09 min
 Lab File: BG034068.D
 Acq: 28 Apr 2018 10:50

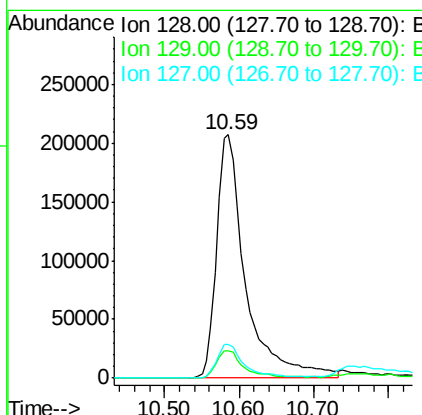
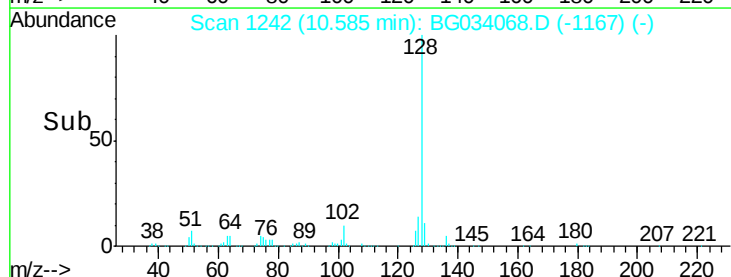
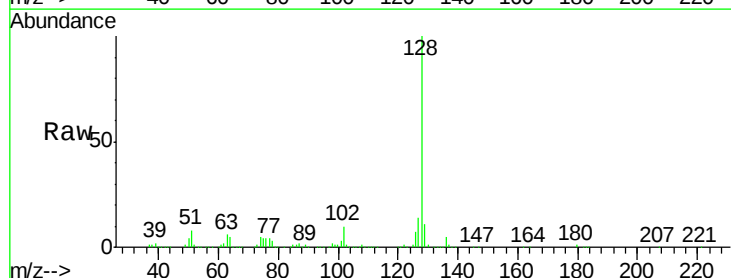
Instrument :
 BNA_G
 ClientSampleId :

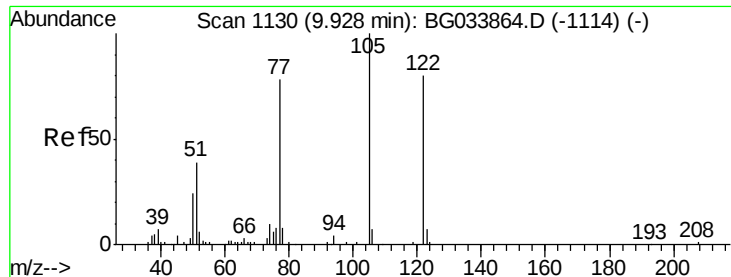
Tot Ion	Ratio	Lower	Upper
180	100		
182	98.6	77.5	116.3
145	30.4	23.4	35.2



#31
 Naphthalene
 Concen: 41.97 ng
 RT: 10.59 min Scan# 1242
 Delta R.T. -0.09 min
 Lab File: BG034068.D
 Acq: 28 Apr 2018 10:50

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.6	12.8
127	13.9	11.6	17.4





#32

Benzoic acid

Concen: 19.27 ng

RT: 9.89 min Scan# 1124

Delta R.T. -0.04 min

Lab File: BG034068.D

Acq: 28 Apr 2018 10:50

Instrument :

BNA_G

ClientSampleId :

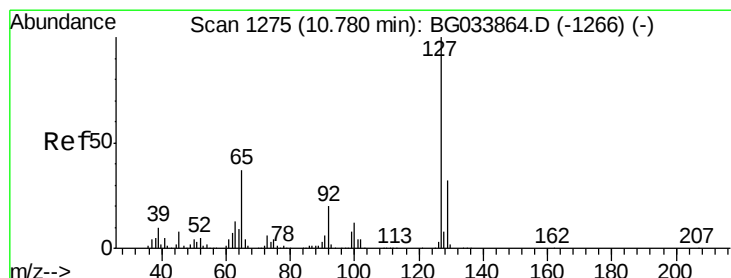
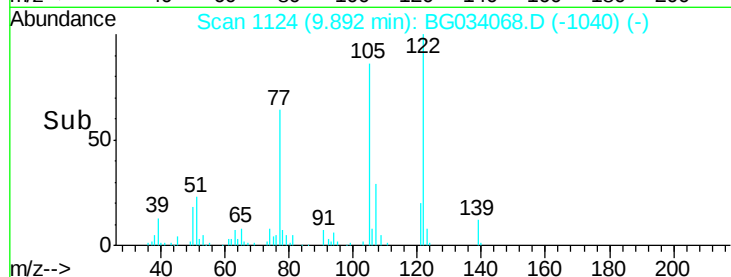
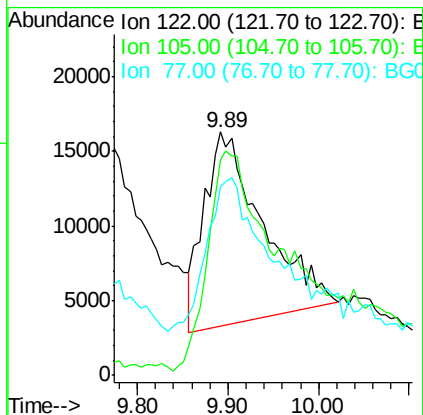
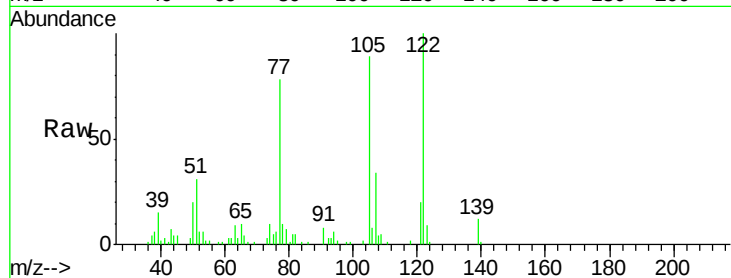
Tot Ion:122 Resp: 58103

Ion Ratio Lower Upper

122 100

105 88.7 123.5 163.5#

77 77.6 85.7 125.7#



#33

4-Chloroaniline

Concen: 9.09 ng

RT: 10.76 min Scan# 1271

Delta R.T. -0.02 min

Lab File: BG034068.D

Acq: 28 Apr 2018 10:50

Tgt Ion:127 Resp: 57055

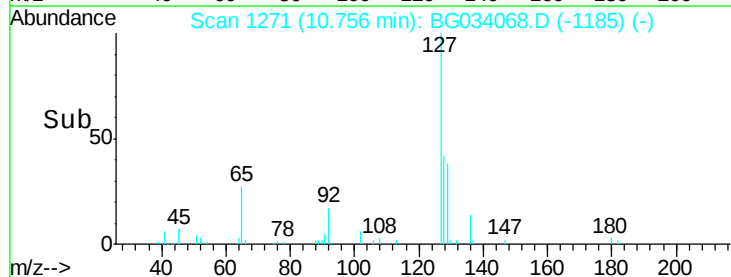
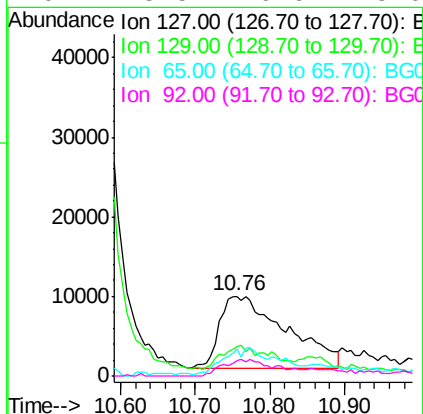
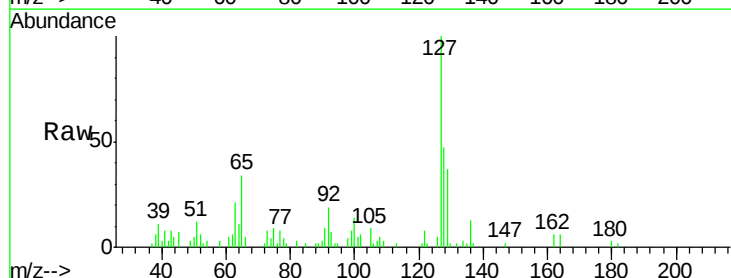
Ion Ratio Lower Upper

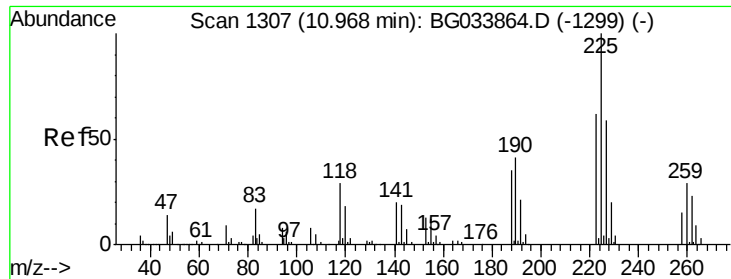
127 100

129 37.0 24.0 36.0#

65 33.8 27.0 40.4

92 18.5 16.6 25.0

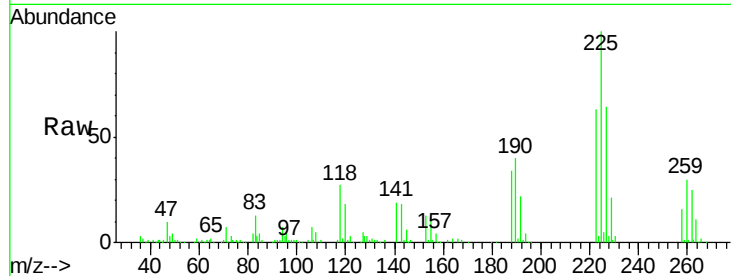




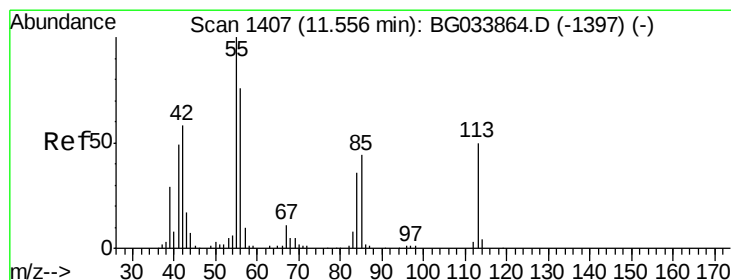
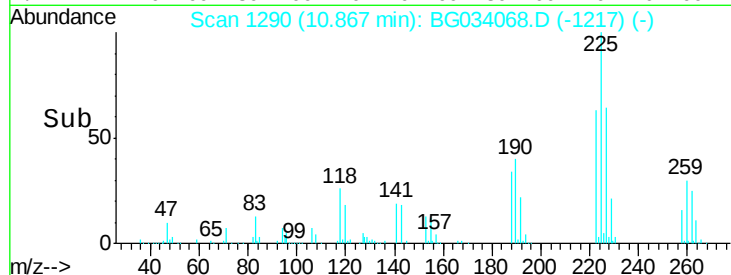
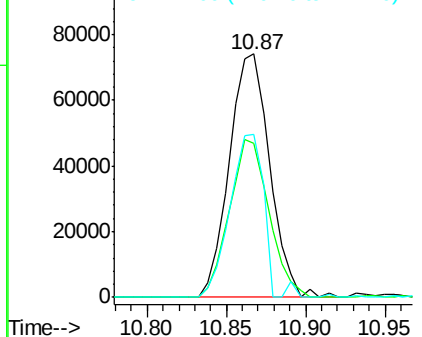
#34
Hexachlorobutadiene
Concen: 47.84 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.10 min
Lab File: BG034068.D
Acq: 28 Apr 2018 10:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:225 Resp: 131283
Ion Ratio Lower Upper
225 100
223 63.8 49.7 74.5
227 64.1 48.1 72.1

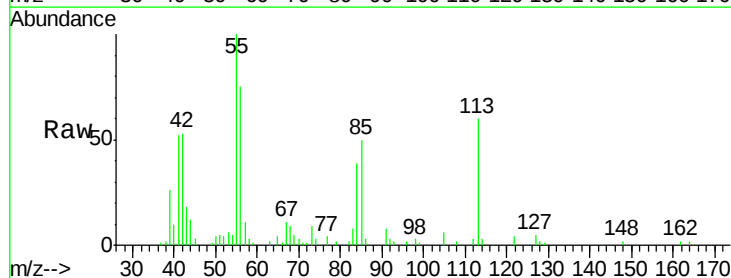


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

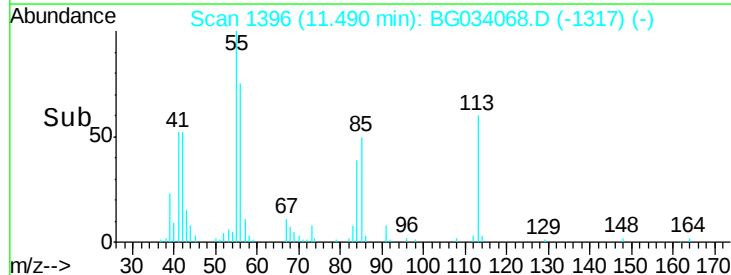
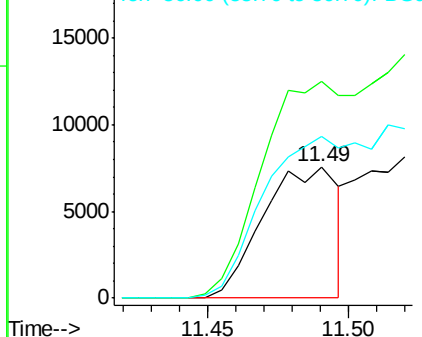


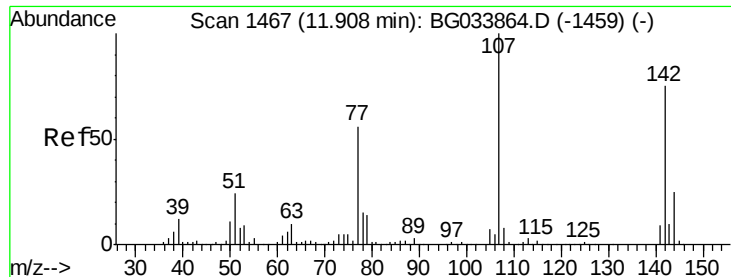
#35
Caprolactam
Concen: 8.06 ng
RT: 11.49 min Scan# 1396
Delta R.T. -0.07 min
Lab File: BG034068.D
Acq: 28 Apr 2018 10:50

Tgt Ion:113 Resp: 14031
Ion Ratio Lower Upper
113 100
55 165.4 186.9 226.9#
56 123.5 130.9 170.9#



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

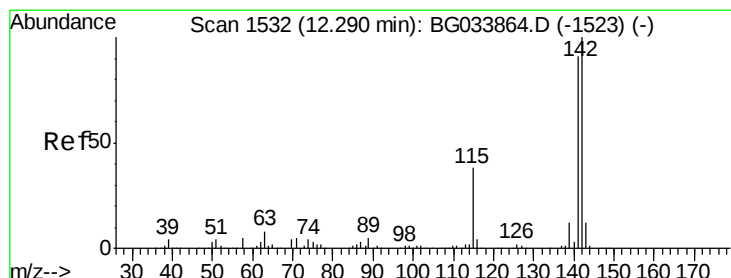
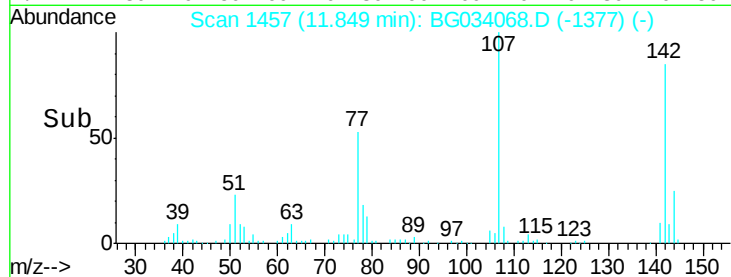
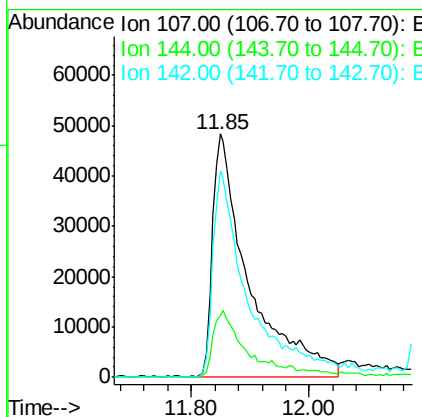
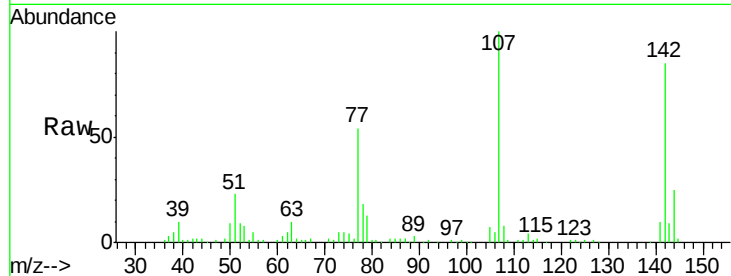




#36
 4-Chloro-3-methylphenol
 Concen: 41.69 ng
 RT: 11.85 min Scan# 1457
 Delta R.T. -0.06 min
 Lab File: BG034068.D
 Acq: 28 Apr 2018 10:50

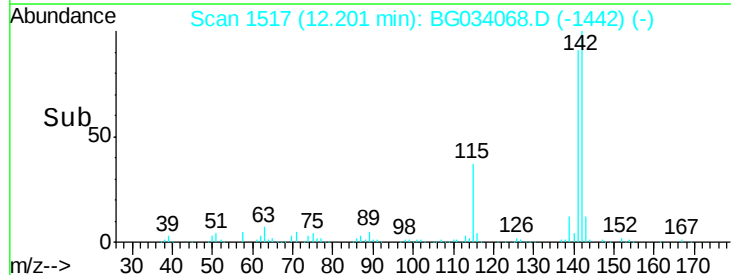
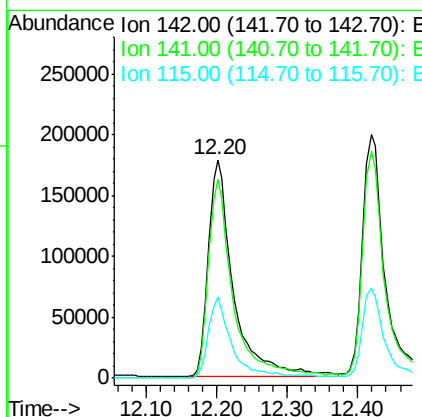
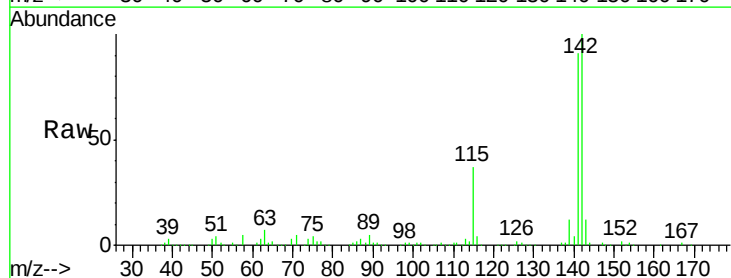
Instrument :
 BNA_G
 ClientSampleId :

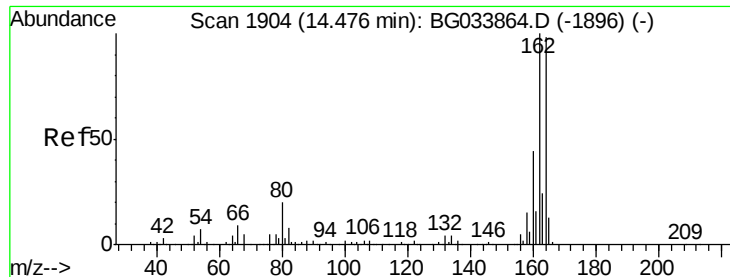
Tot Ion:107 Resp: 208382
 Ion Ratio Lower Upper
 107 100
 144 25.1 18.2 27.4
 142 84.9 59.0 88.4



#37
 2-Methylnaphthalene
 Concen: 43.29 ng
 RT: 12.20 min Scan# 1517
 Delta R.T. -0.09 min
 Lab File: BG034068.D
 Acq: 28 Apr 2018 10:50

Tgt Ion:142 Resp: 442513
 Ion Ratio Lower Upper
 142 100
 141 91.1 67.1 100.7
 115 36.9 30.7 46.1





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.39 min Scan# 1890

Delta R.T. -0.08 min

Lab File: BG034068.D

Acq: 28 Apr 2018 10:50

Instrument :

BNA_G

ClientSampleId :

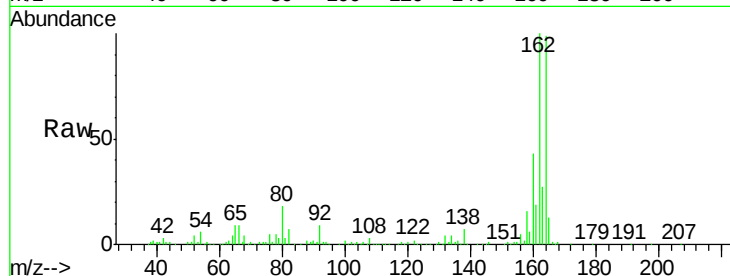
Tot Ion:164 Resp: 199094

Ion Ratio Lower Upper

164 100

162 101.4 78.8 118.2

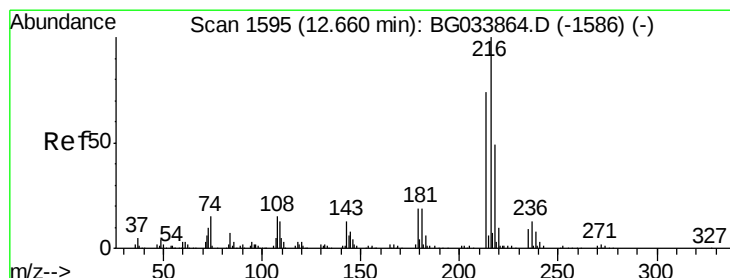
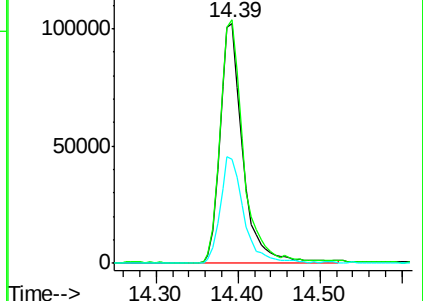
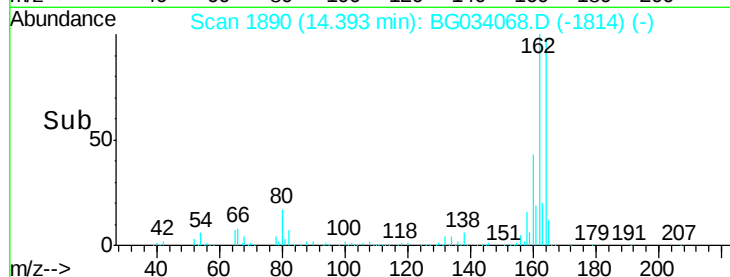
160 43.6 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.75 ng

RT: 12.57 min Scan# 1580

Delta R.T. -0.09 min

Lab File: BG034068.D

Acq: 28 Apr 2018 10:50

Tgt Ion:216 Resp: 275990

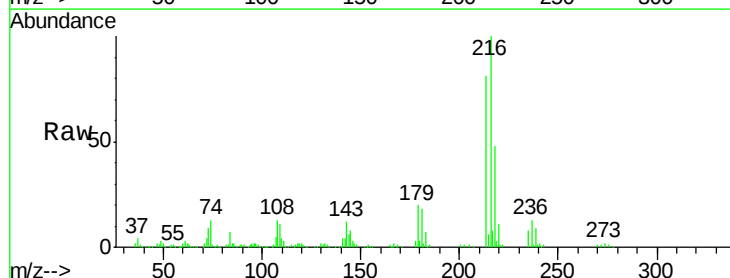
Ion Ratio Lower Upper

216 100

214 77.3 63.0 94.4

179 18.9 17.0 25.6

108 16.3 12.8 19.2

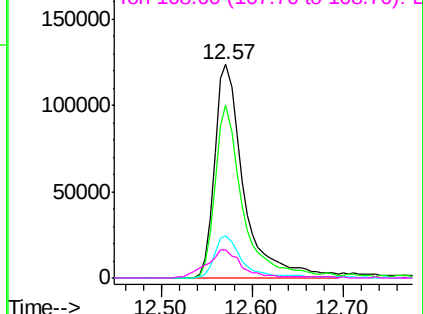
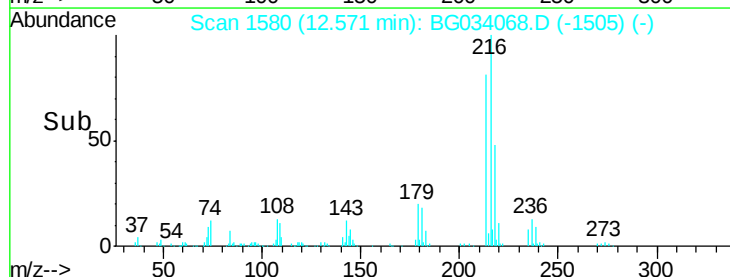


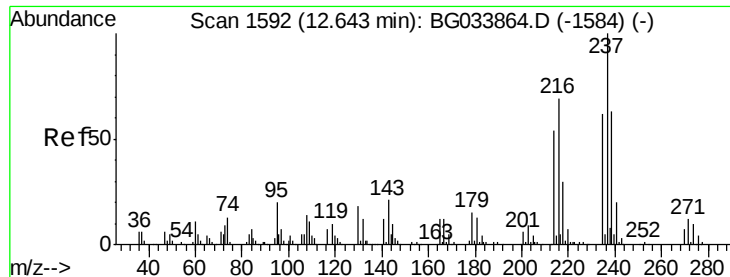
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

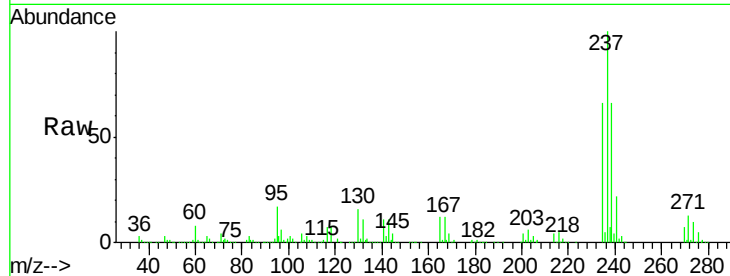




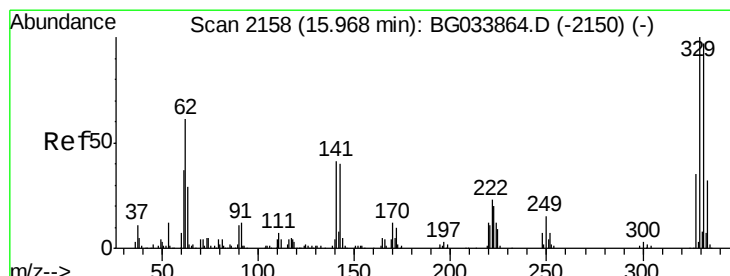
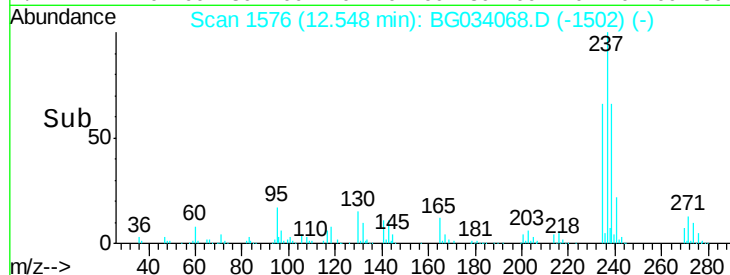
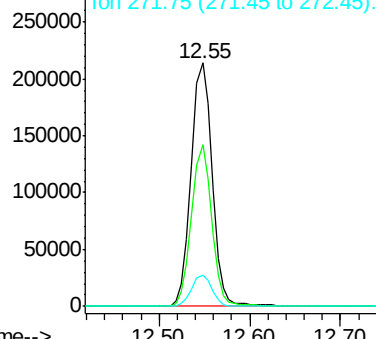
#40
Hexachlorocyclopentadiene
Concen: 95.20 ng
RT: 12.55 min Scan# 1576
Delta R.T. -0.09 min
Lab File: BG034068.D
Acq: 28 Apr 2018 10:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:237 Resp: 346050
Ion Ratio Lower Upper
237 100
235 66.2 50.4 90.4
272 12.9 0.0 31.8

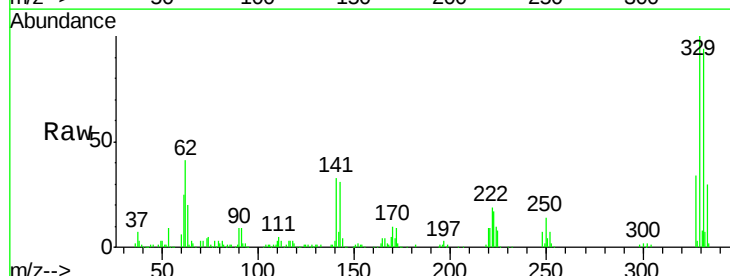


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

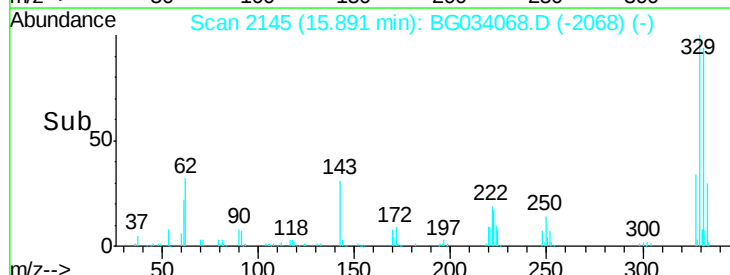
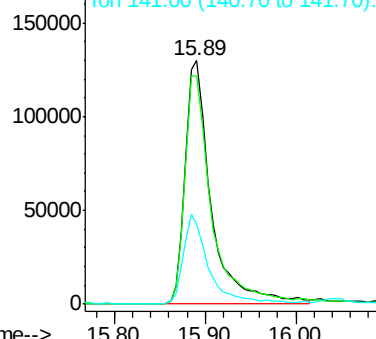


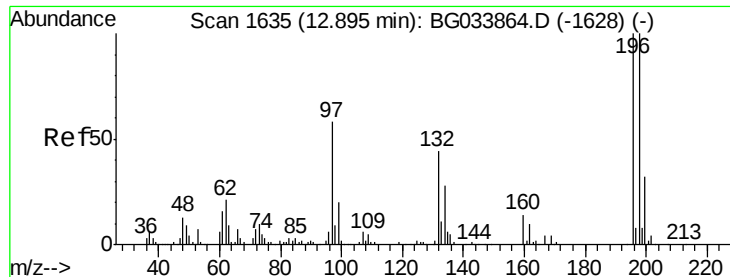
#41
2,4,6-Tribromophenol
Concen: 112.05 ng
RT: 15.89 min Scan# 2145
Delta R.T. -0.08 min
Lab File: BG034068.D
Acq: 28 Apr 2018 10:50

Tgt Ion:330 Resp: 260273
Ion Ratio Lower Upper
330 100
332 99.6 77.0 115.6
141 35.1 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

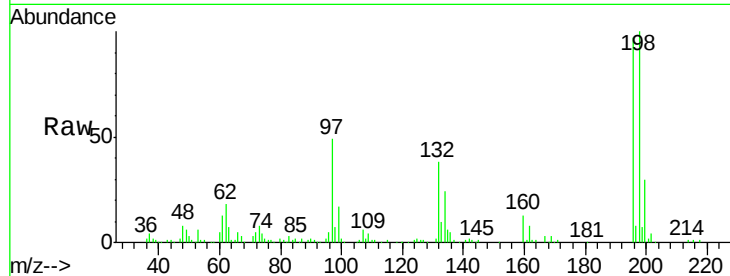




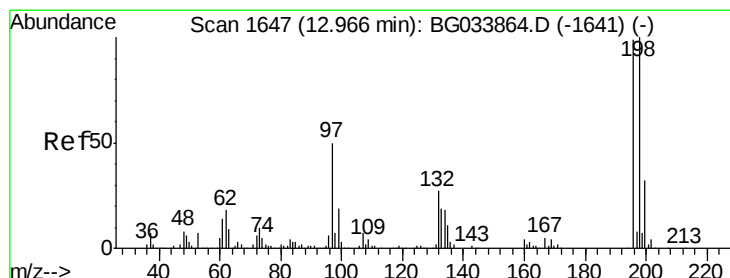
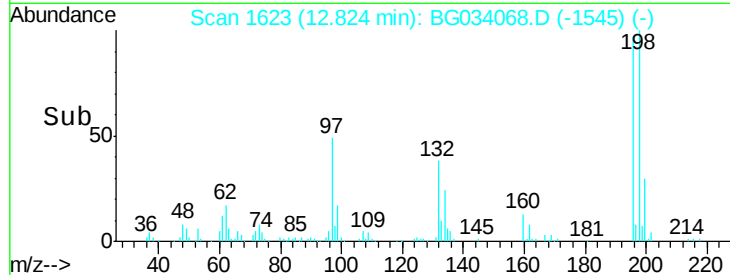
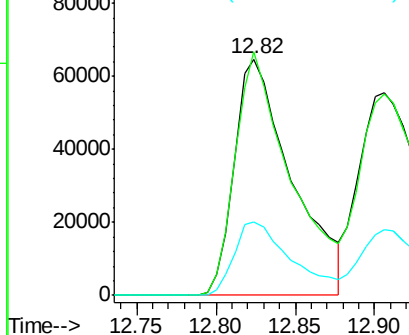
#42
2,4,6-Trichlorophenol
Concen: 40.52 ng
RT: 12.82 min Scan# 1623
Delta R.T. -0.07 min
Lab File: BG034068.D
Acq: 28 Apr 2018 10:50

Instrument :
BNA_G
ClientSampled :

Tot Ion:196 Resp: 163339
Ion Ratio Lower Upper
196 100
198 103.1 78.2 117.2
200 31.1 24.6 36.8

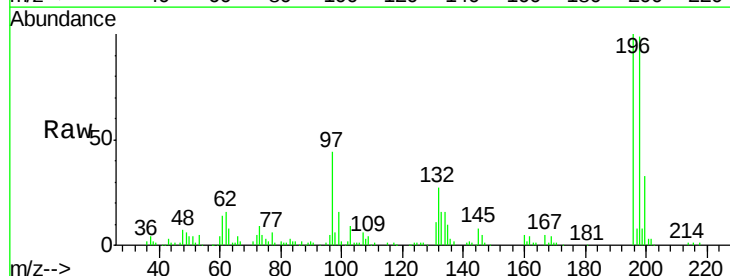


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E

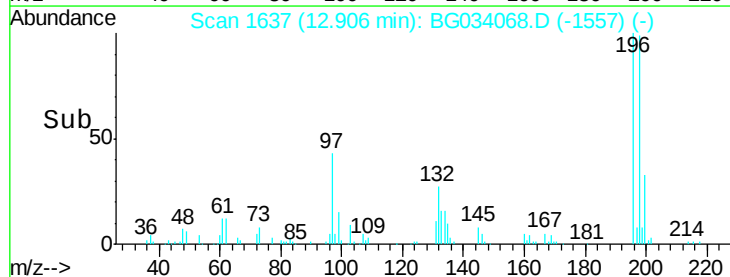
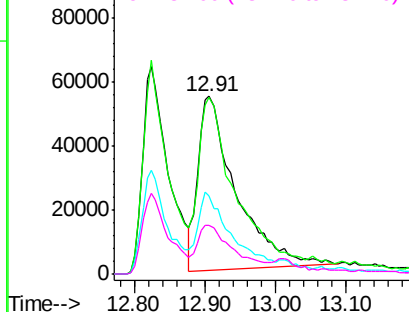


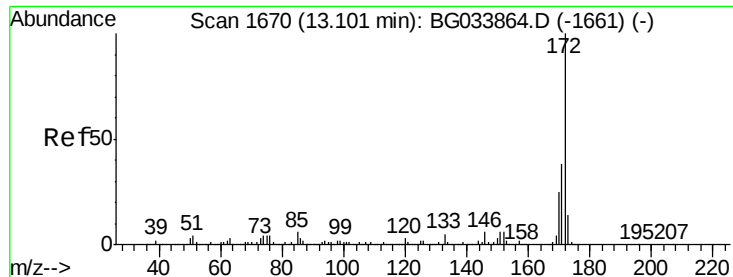
#43
2,4,5-Trichlorophenol
Concen: 43.94 ng
RT: 12.91 min Scan# 1637
Delta R.T. -0.06 min
Lab File: BG034068.D
Acq: 28 Apr 2018 10:50

Tgt Ion:196 Resp: 203624
Ion Ratio Lower Upper
196 100
198 99.1 76.2 114.4
97 43.6 38.7 58.1
132 27.5 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

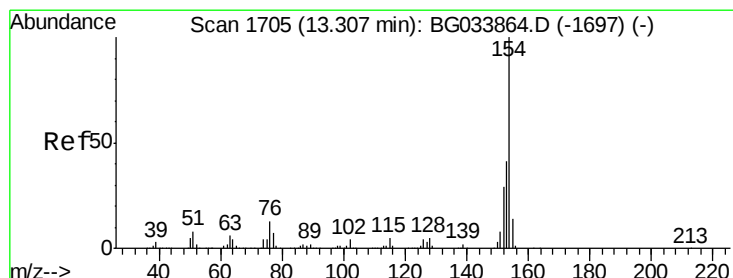
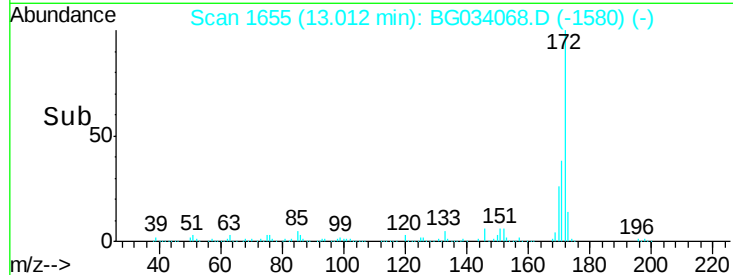
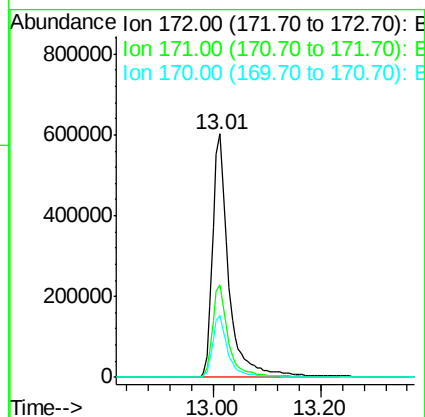
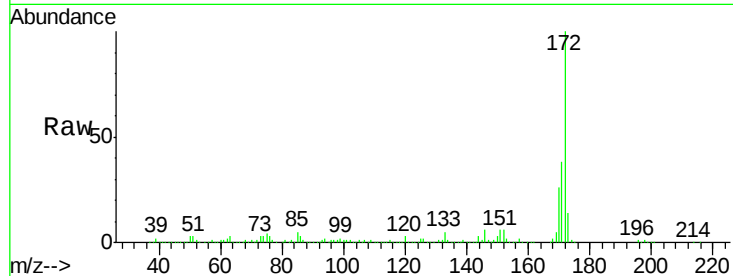




#44
2-Fluorobiphenyl
Concen: 93.22 ng
RT: 13.01 min Scan# 1655
Delta R.T. -0.09 min
Lab File: BG034068.D
Acq: 28 Apr 2018 10:50

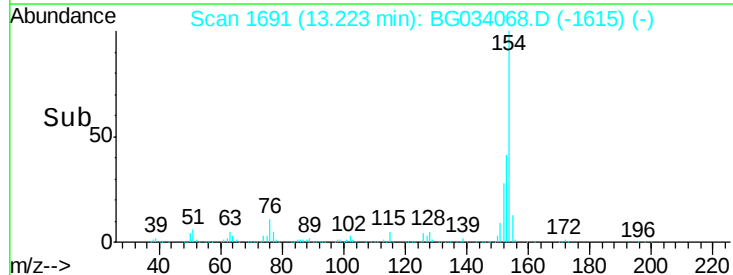
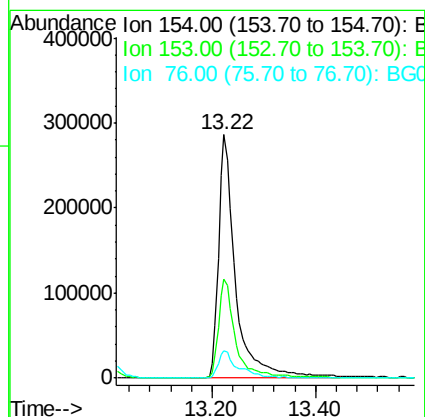
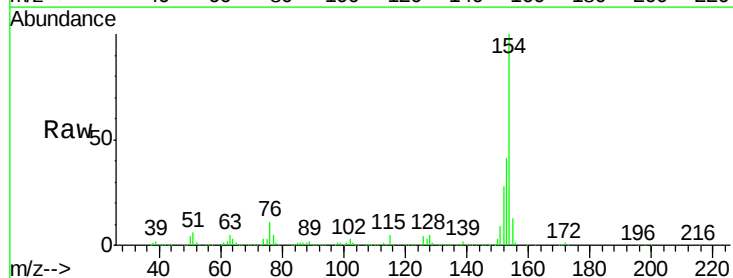
Instrument :
BNA_G
ClientSampleId :

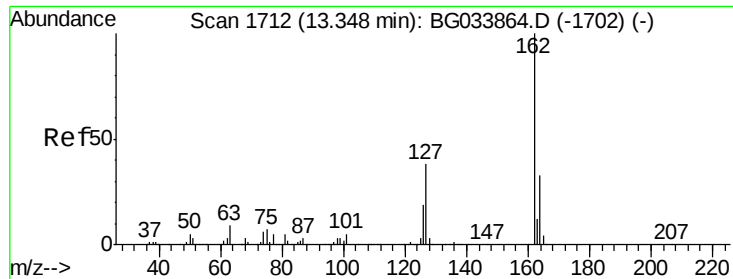
Tot Ion:172 Resp: 1263431
Ion Ratio Lower Upper
172 100
171 38.0 30.0 45.0
170 25.6 19.5 29.3



#45
1,1'-Biphenyl
Concen: 40.66 ng
RT: 13.22 min Scan# 1691
Delta R.T. -0.08 min
Lab File: BG034068.D
Acq: 28 Apr 2018 10:50

Tgt Ion:154 Resp: 655275
Ion Ratio Lower Upper
154 100
153 40.6 19.8 59.8
76 11.3 0.0 31.9

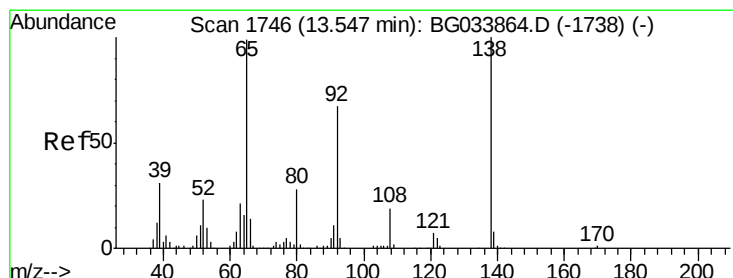
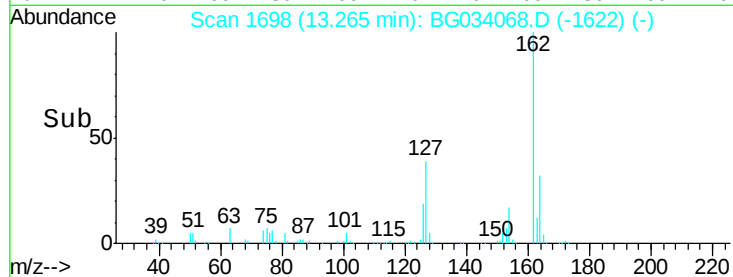
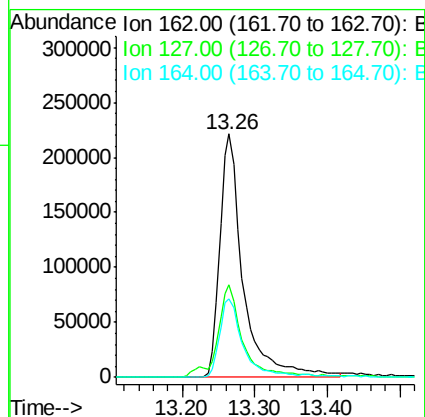
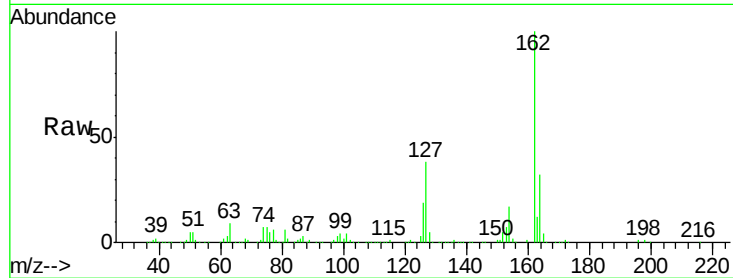




#46
2-Chloronaphthalene
Concen: 40.63 ng
RT: 13.26 min Scan# 1698
Delta R.T. -0.08 min
Lab File: BG034068.D
Acq: 28 Apr 2018 10:50

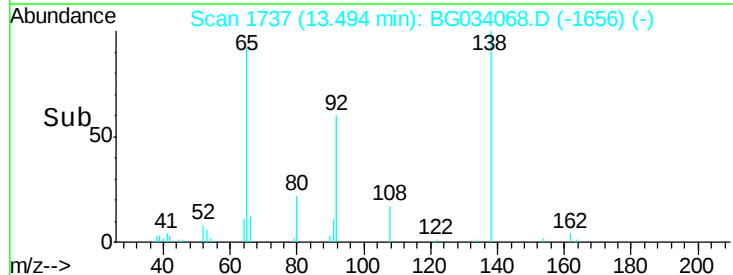
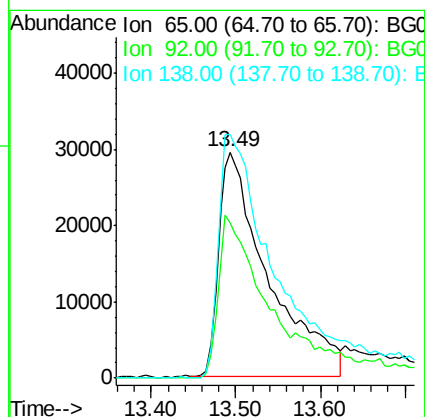
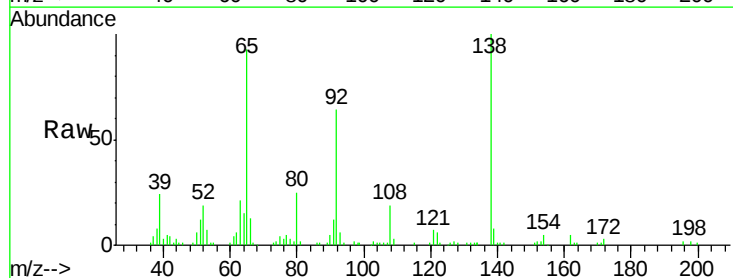
Instrument :
BNA_G
ClientSampleId :

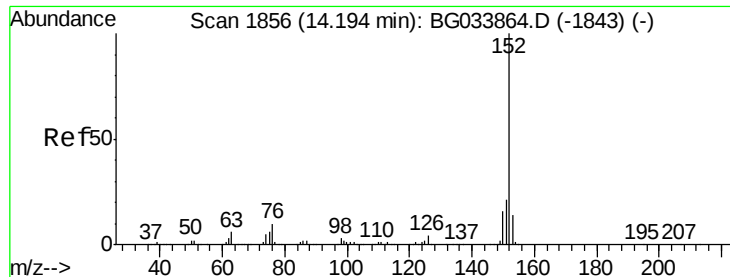
Tot Ion:162 Resp: 496458
Ion Ratio Lower Upper
162 100
127 38.2 30.7 46.1
164 32.0 26.0 39.0



#47
2-Nitroaniline
Concen: 31.54 ng
RT: 13.49 min Scan# 1737
Delta R.T. -0.05 min
Lab File: BG034068.D
Acq: 28 Apr 2018 10:50

Tgt Ion: 65 Resp: 120361
Ion Ratio Lower Upper
65 100
92 69.1 54.6 82.0
138 107.8 72.9 109.3





#48

Acenaphthylene

Concen: 41.44 ng

RT: 14.11 min Scan# 1842

Delta R.T. -0.08 min

Lab File: BG034068.D

Acq: 28 Apr 2018 10:50

Instrument :

BNA_G

ClientSampleId :

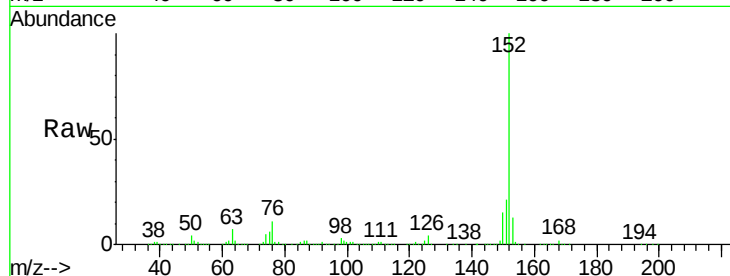
Tot Ion:152 Resp: 841856

Ion Ratio Lower Upper

152 100

151 21.4 17.2 25.8

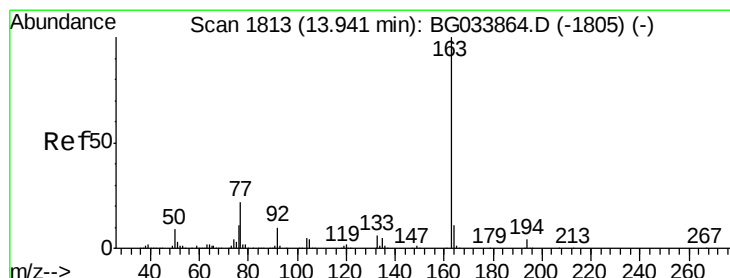
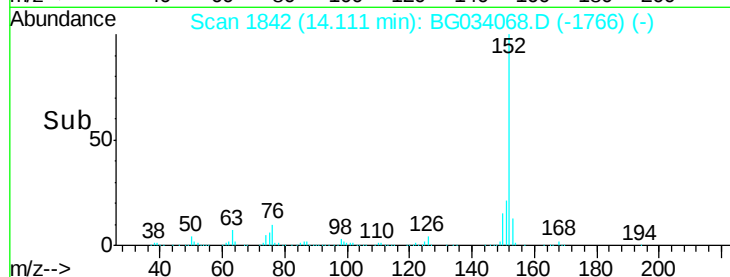
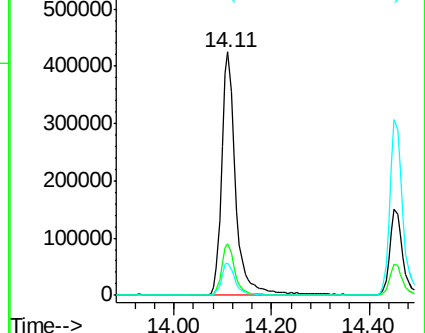
153 13.3 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 42.00 ng

RT: 13.86 min Scan# 1799

Delta R.T. -0.08 min

Lab File: BG034068.D

Acq: 28 Apr 2018 10:50

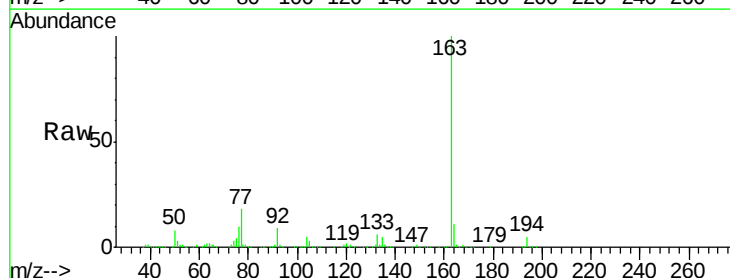
Tgt Ion:163 Resp: 735510

Ion Ratio Lower Upper

163 100

194 4.8 3.4 5.2

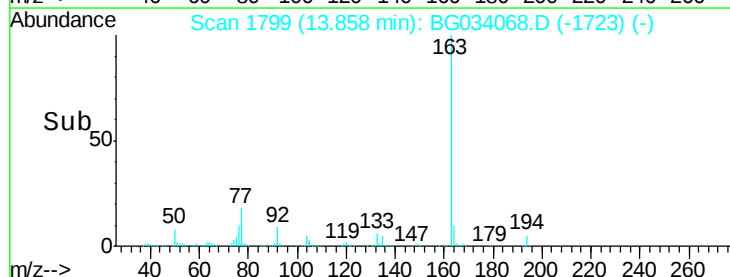
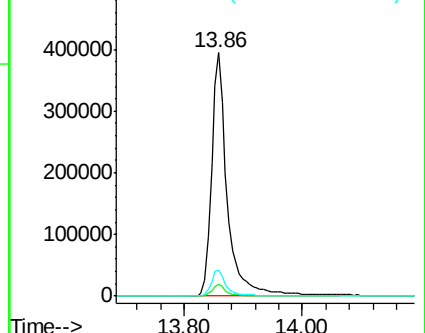
164 10.7 8.2 12.4

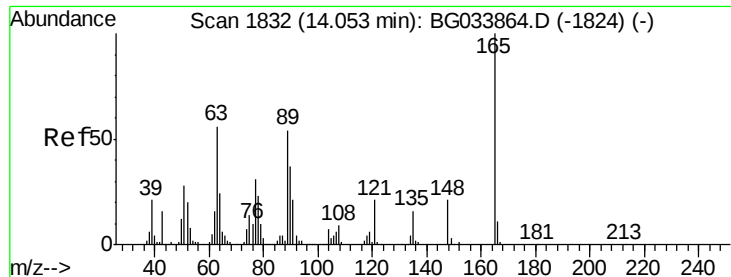


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

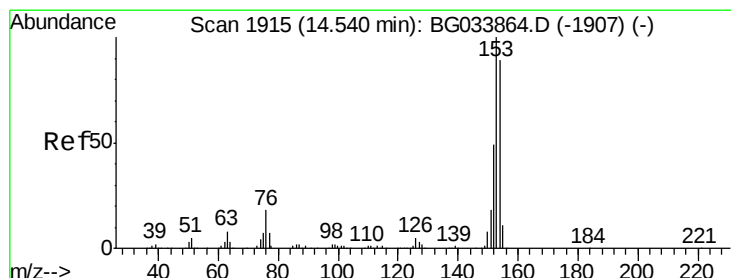
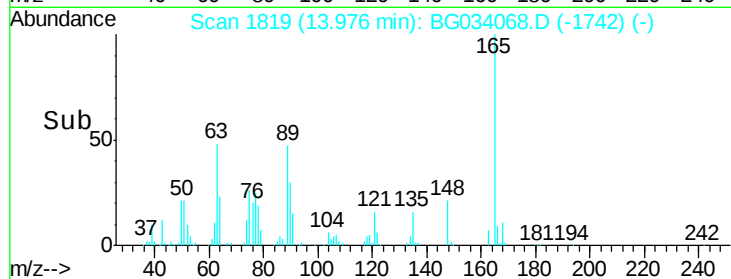
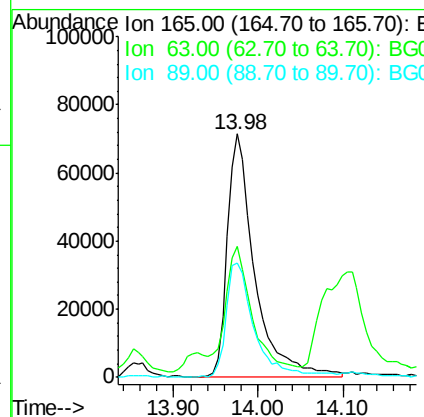
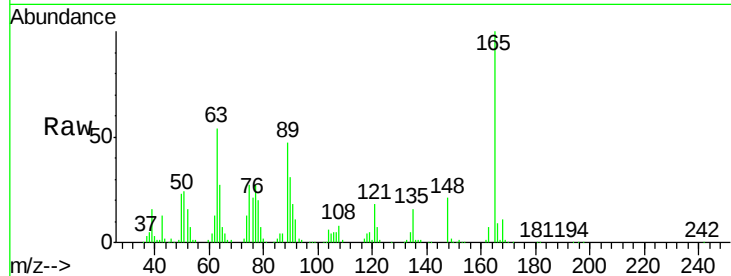




#50
 2,6-Dinitrotoluene
 Concen: 47.80 ng
 RT: 13.98 min Scan# 1819
 Delta R.T. -0.08 min
 Lab File: BG034068.D
 Acq: 28 Apr 2018 10:50

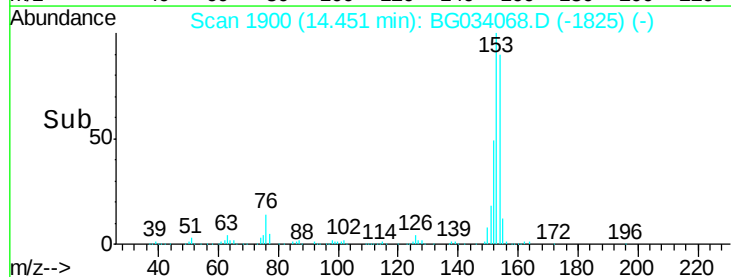
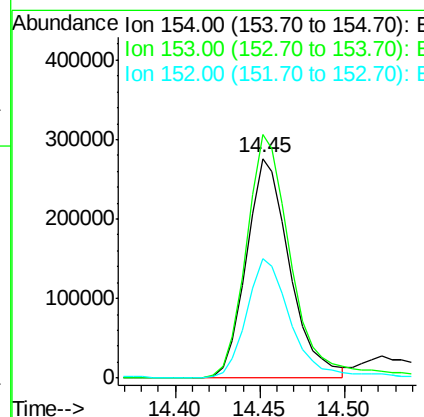
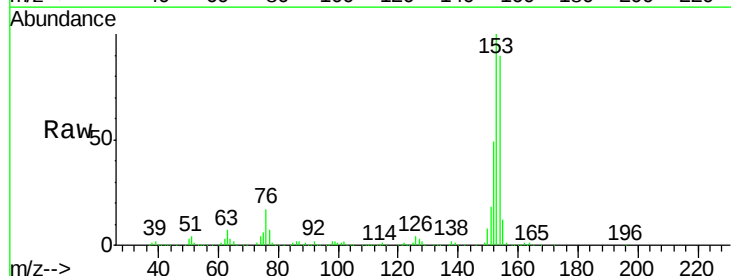
Instrument :
 BNA_G
 ClientSampleId :

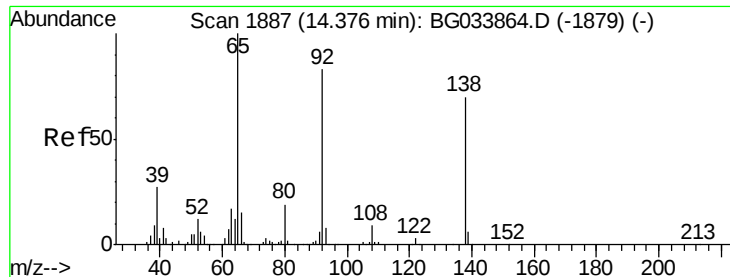
Tot Ion:165 Resp: 158634
 Ion Ratio Lower Upper
 165 100
 63 53.6 52.7 79.1
 89 47.0 49.2 73.8#



#51
 Acenaphthene
 Concen: 38.35 ng
 RT: 14.45 min Scan# 1900
 Delta R.T. -0.09 min
 Lab File: BG034068.D
 Acq: 28 Apr 2018 10:50

Tgt Ion:154 Resp: 489335
 Ion Ratio Lower Upper
 154 100
 153 110.9 90.4 135.6
 152 54.2 41.6 62.4





#52

3-Nitroaniline

Concen: 15.13 ng

RT: 14.35 min Scan# 1882

Delta R.T. -0.03 min

Lab File: BG034068.D

Acq: 28 Apr 2018 10:50

Instrument :

BNA_G

ClientSampleId :

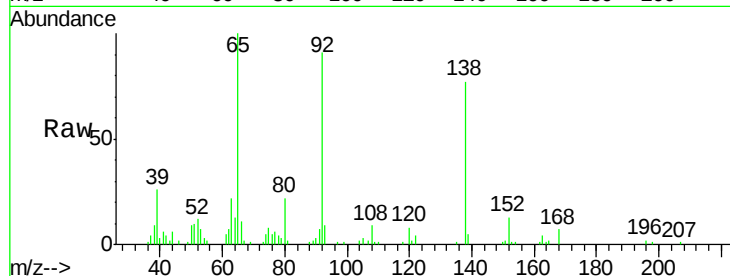
Tot Ion:138 Resp: 54515

Ion Ratio Lower Upper

138 100

108 11.2 17.5 26.3#

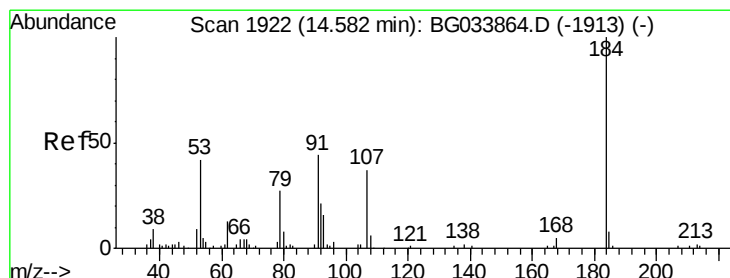
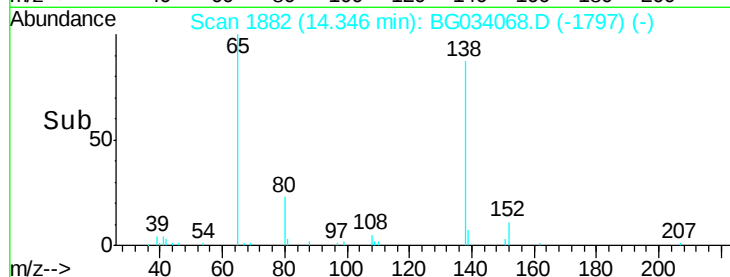
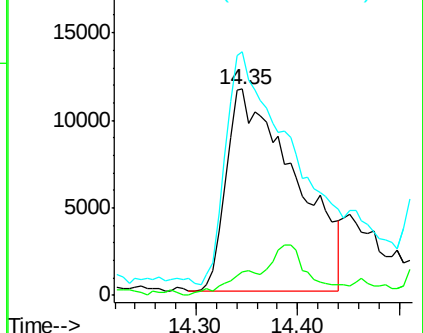
92 118.1 105.8 158.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): B



#53

2,4-Dinitrophenol

Concen: 94.32 ng

RT: 14.52 min Scan# 1912

Delta R.T. -0.06 min

Lab File: BG034068.D

Acq: 28 Apr 2018 10:50

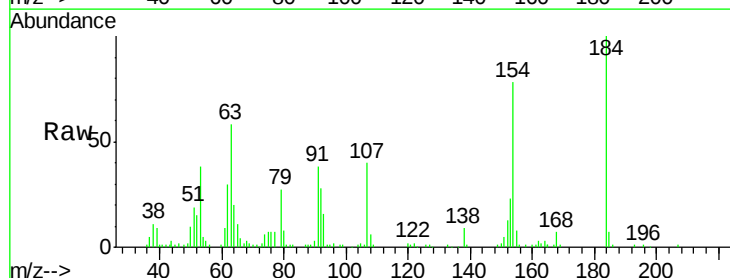
Tgt Ion:184 Resp: 111952

Ion Ratio Lower Upper

184 100

63 57.6 59.8 89.8#

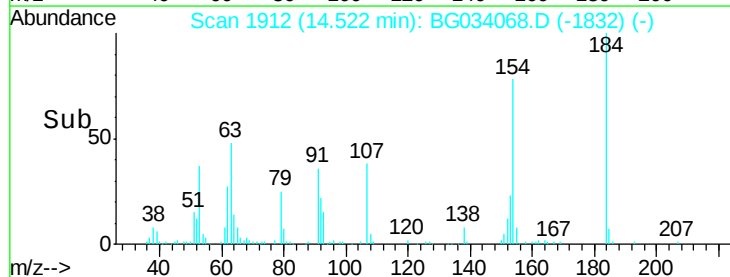
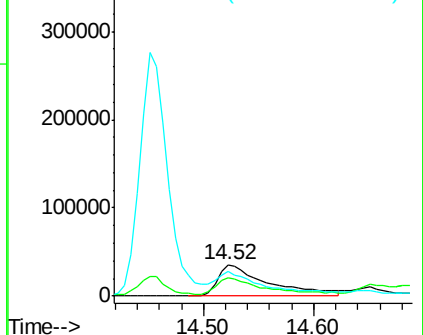
154 78.4 101.8 152.8#

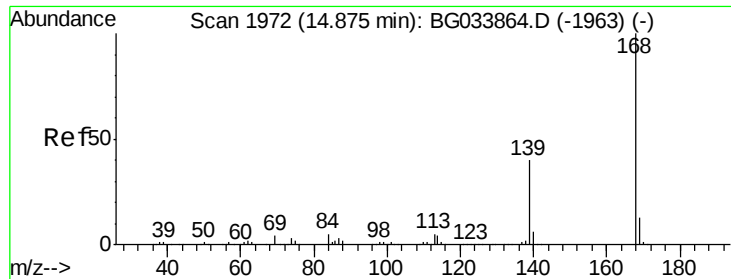


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): B

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 44.64 ng

RT: 14.79 min Scan# 1958

Delta R.T. -0.08 min

Lab File: BG034068.D

Acq: 28 Apr 2018 10:50

Instrument :

BNA_G

ClientSampled :

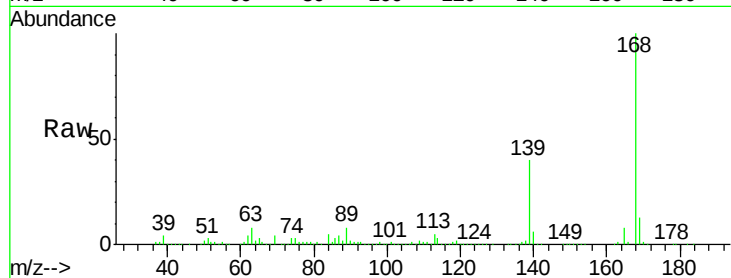
Tot Ion:168 Resp: 844538

Ion Ratio Lower Upper

168 100

139 39.7 28.6 43.0

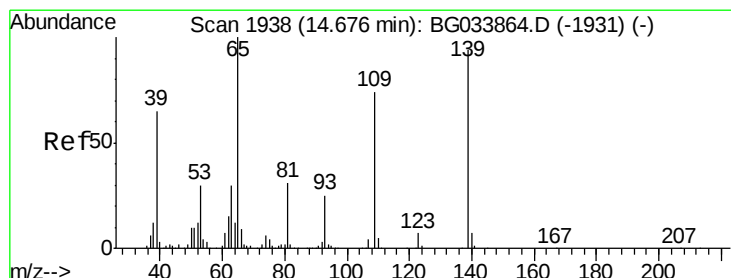
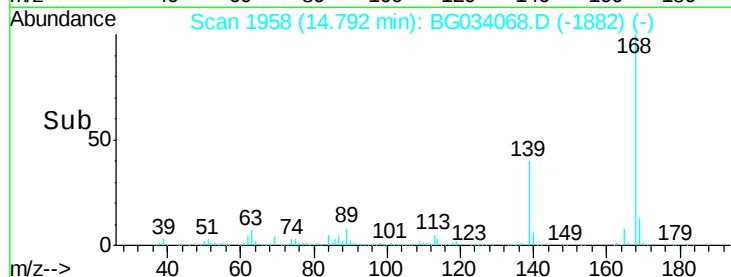
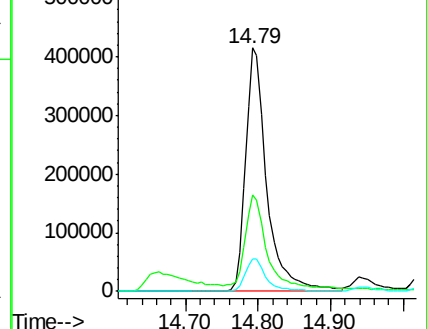
169 13.3 11.2 16.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 49.69 ng

RT: 14.66 min Scan# 1936

Delta R.T. -0.01 min

Lab File: BG034068.D

Acq: 28 Apr 2018 10:50

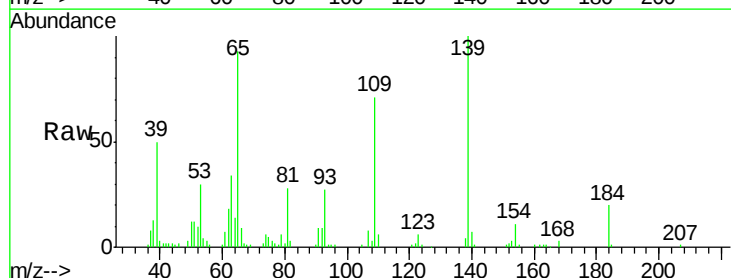
Tgt Ion:139 Resp: 140441

Ion Ratio Lower Upper

139 100

109 71.3 62.2 102.2

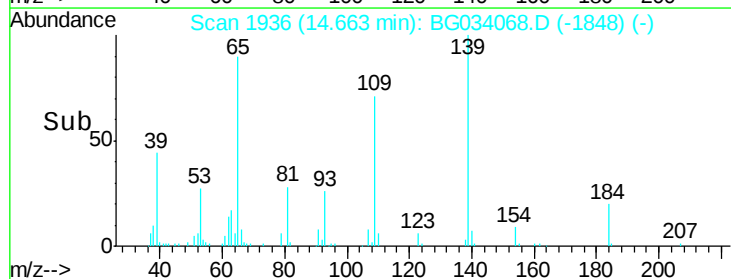
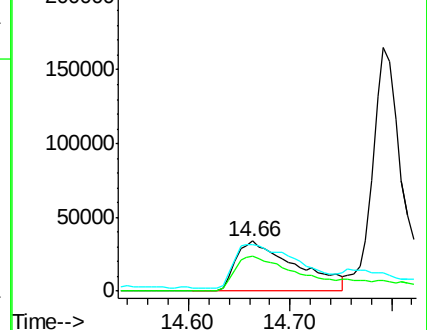
65 92.6 97.2 137.2#

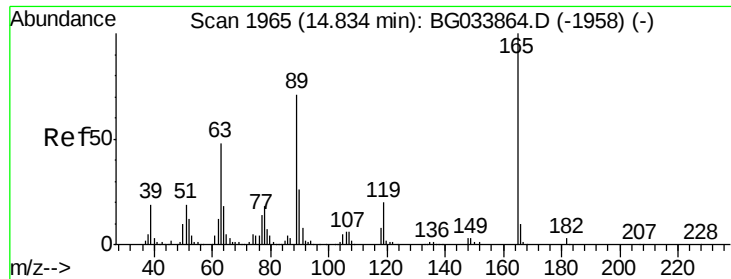


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGO

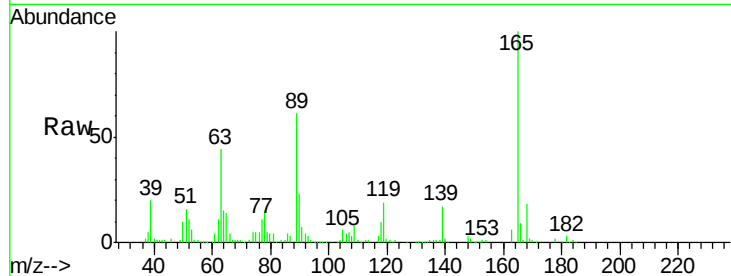




#56
2,4-Dinitrotoluene
Concen: 51.06 ng
RT: 14.77 min Scan# 1954
Delta R.T. -0.07 min
Lab File: BG034068.D
Acq: 28 Apr 2018 10:50

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	44.0	42.0	63.0
89	61.1	66.9	100.3
182	2.8	2.6	3.8

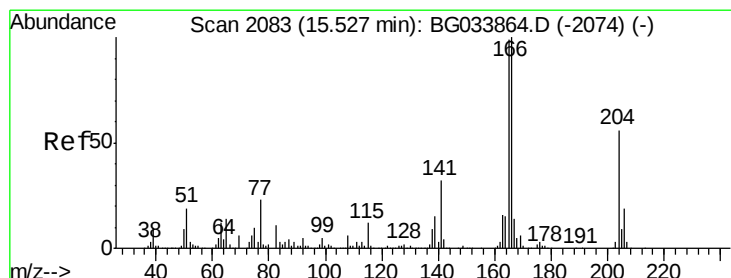
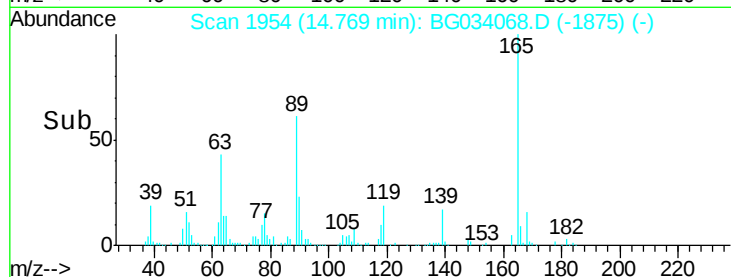
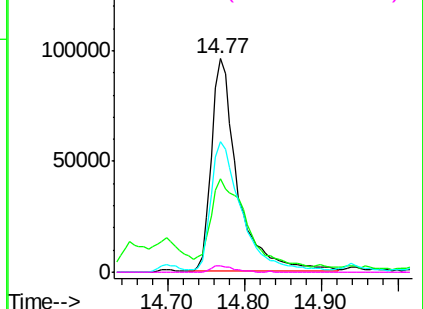


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

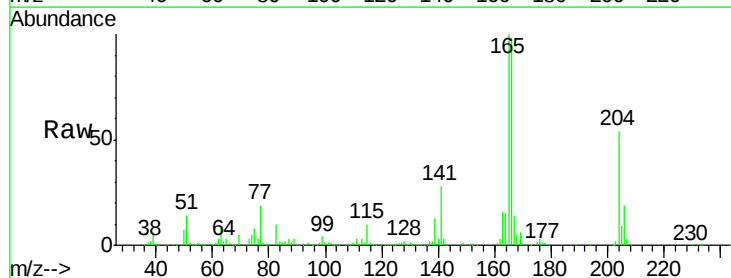
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: 44.14 ng
RT: 15.44 min Scan# 2069
Delta R.T. -0.08 min
Lab File: BG034068.D
Acq: 28 Apr 2018 10:50

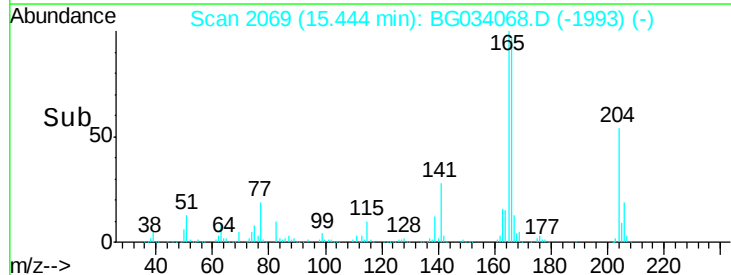
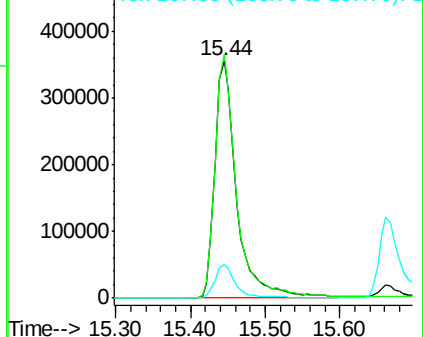
Tgt Ion	Ratio	Lower	Upper
166	100		
165	102.4	80.6	121.0
167	13.9	10.4	15.6

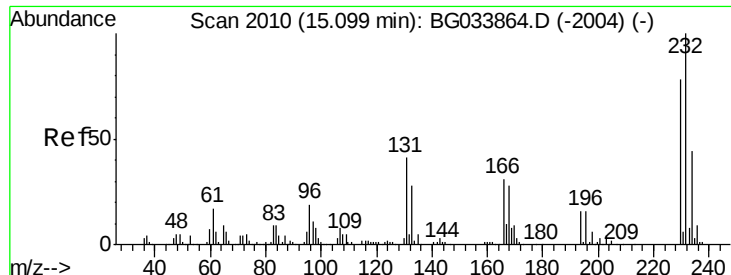


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

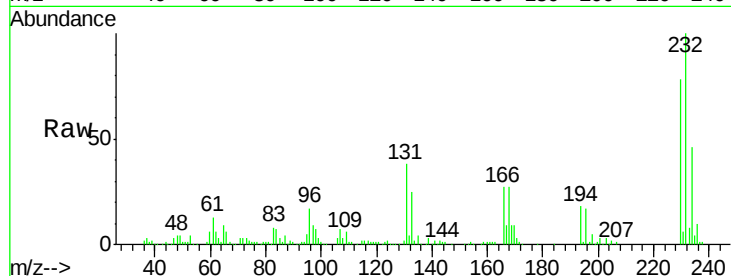




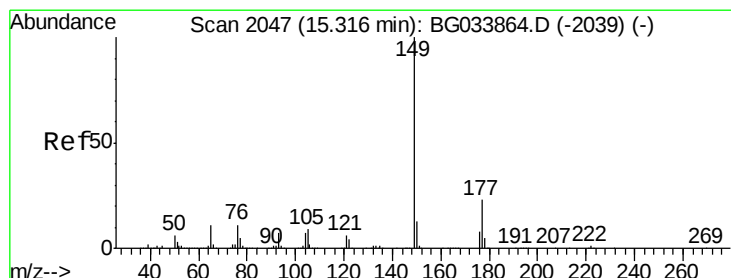
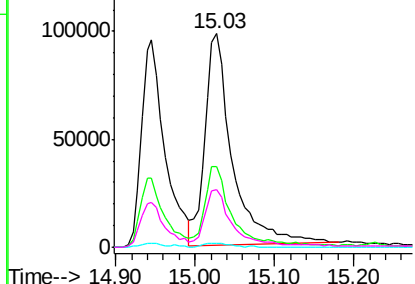
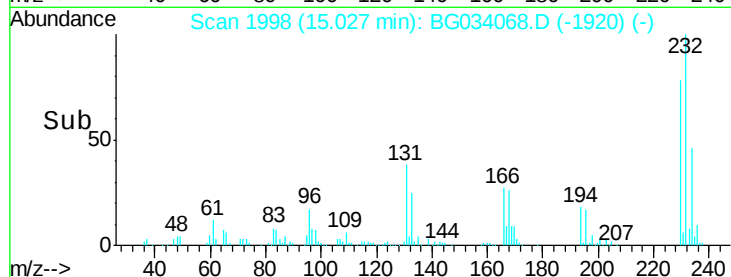
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 55.41 ng
 RT: 15.03 min Scan# 1998
 Delta R.T. -0.07 min
 Lab File: BG034068.D
 Acq: 28 Apr 2018 10:50

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:	232	Resp:	235089
Ion	Ratio	Lower	Upper
232	100		
131	36.5	33.5	50.3
130	2.0	2.2	3.2#
166	25.2	24.8	37.2

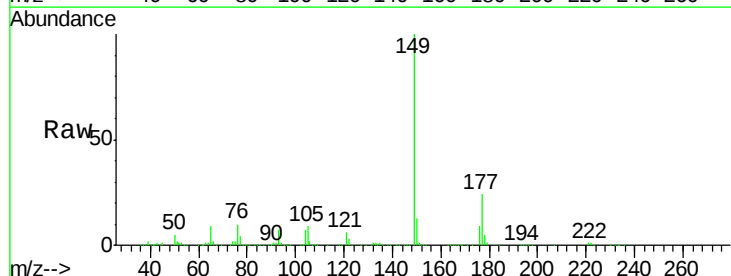


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

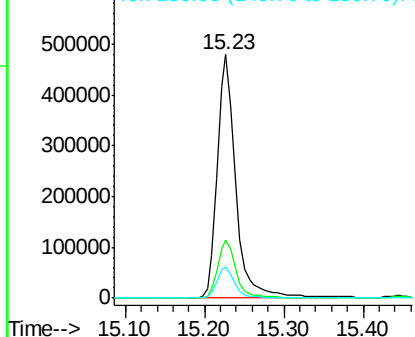
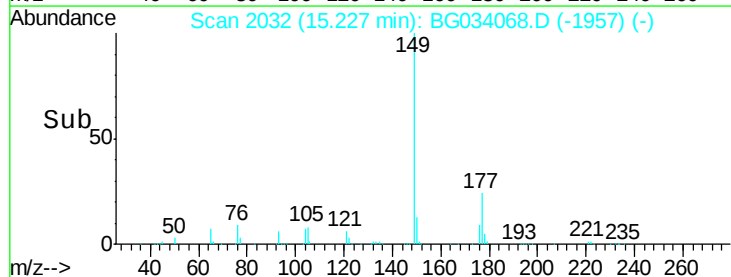


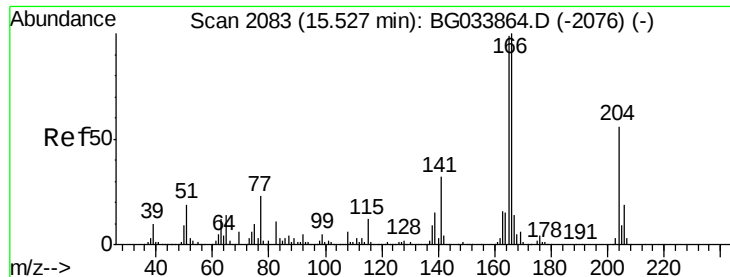
#59
 Diethylphthalate
 Concen: 41.95 ng
 RT: 15.23 min Scan# 2032
 Delta R.T. -0.09 min
 Lab File: BG034068.D
 Acq: 28 Apr 2018 10:50

Tgt Ion:	149	Resp:	776590
Ion	Ratio	Lower	Upper
149	100		
177	23.9	18.5	27.7
150	13.0	10.2	15.2



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

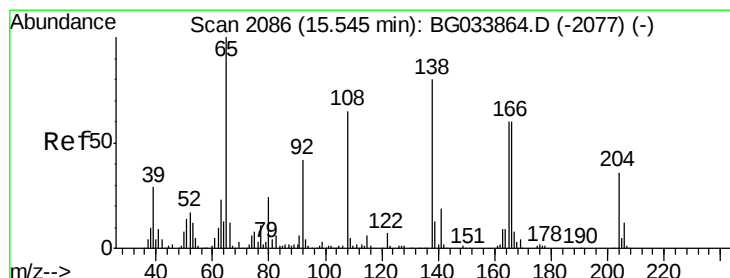
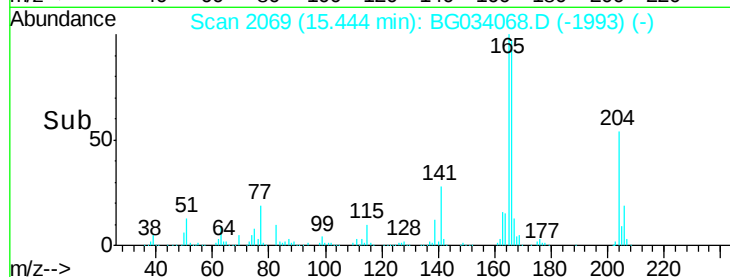
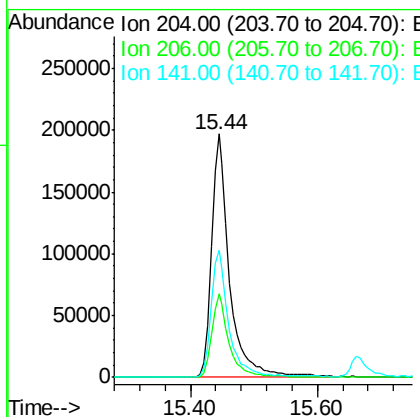
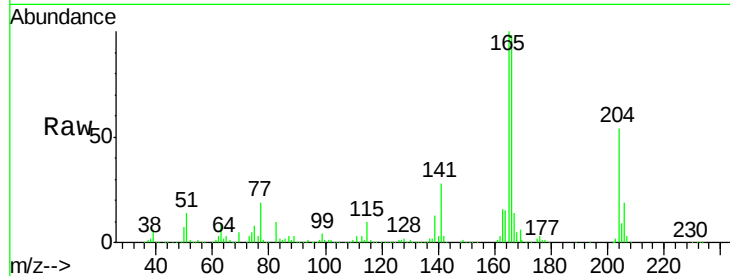




#60
4-Chlorophenyl-phenylether
Concen: 46.30 ng
RT: 15.44 min Scan# 2069
Delta R.T. -0.08 min
Lab File: BG034068.D
Acq: 28 Apr 2018 10:50

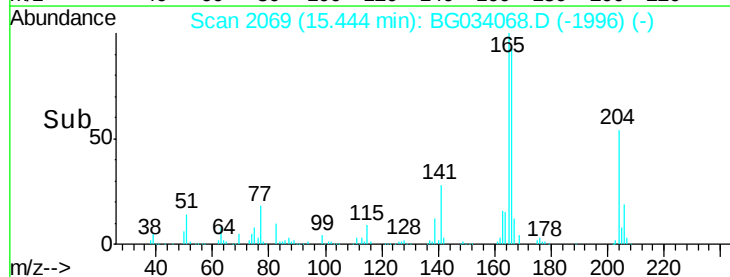
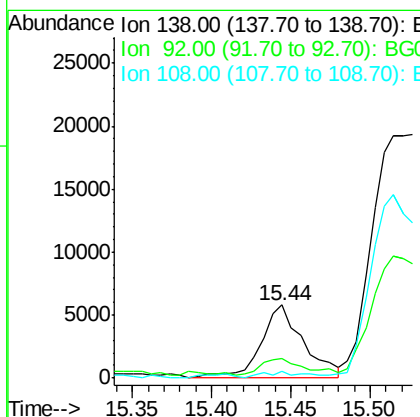
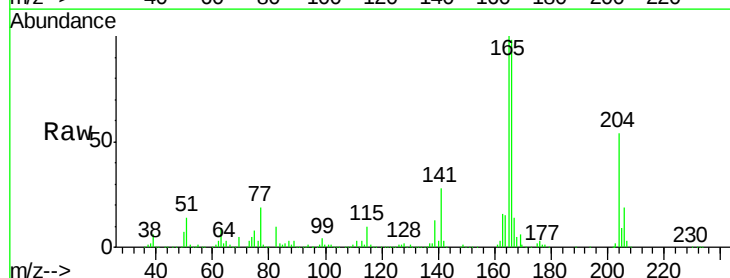
Instrument :
BNA_G
ClientSampled :

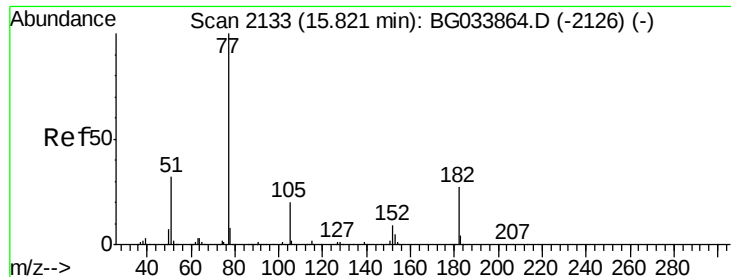
Tot Ion:204 Resp: 396449
Ion Ratio Lower Upper
204 100
206 34.5 26.2 39.2
141 52.3 45.8 68.6



#61
4-Nitroaniline
Concen: 2.82 ng
RT: 15.44 min Scan# 2069
Delta R.T. -0.10 min
Lab File: BG034068.D
Acq: 28 Apr 2018 10:50

Tgt Ion:138 Resp: 10801
Ion Ratio Lower Upper
138 100
92 27.3 40.1 80.1#
108 9.2 65.4 105.4#





#62

Azobenzene

Concen: 36.76 ng

RT: 15.74 min Scan# 2119

Delta R.T. -0.08 min

Lab File: BG034068.D

Acq: 28 Apr 2018 10:50

Instrument :

BNA_G

ClientSampled :

Tot Ion: 77 Resp: 606560

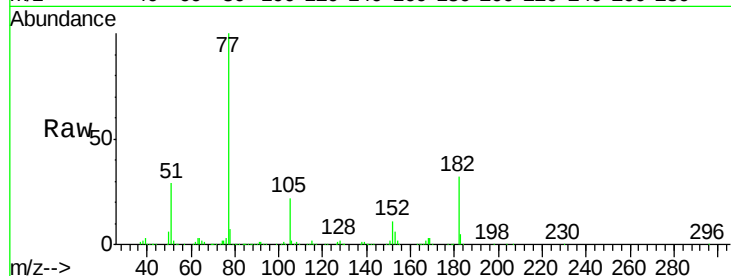
Ion Ratio Lower Upper

77 100

182 32.2 7.4 47.4

105 21.6 0.3 40.3

51 28.7 11.6 51.6

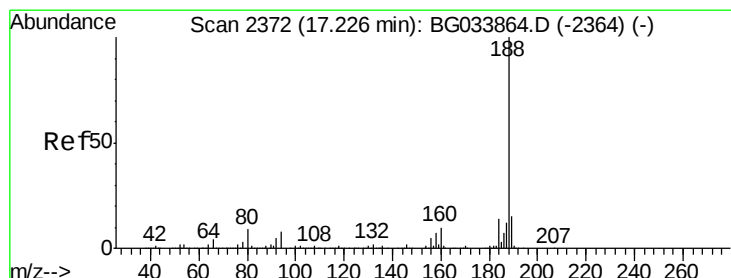
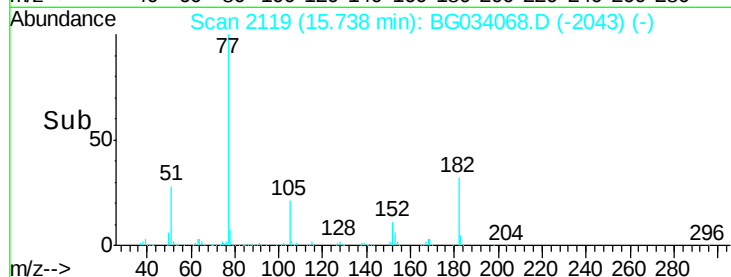
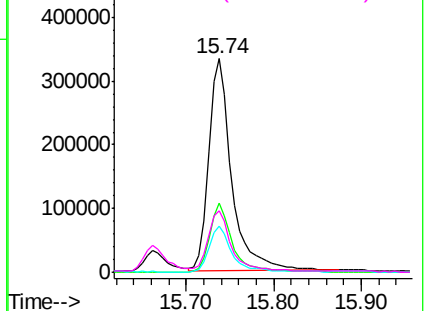


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.14 min Scan# 2358

Delta R.T. -0.08 min

Lab File: BG034068.D

Acq: 28 Apr 2018 10:50

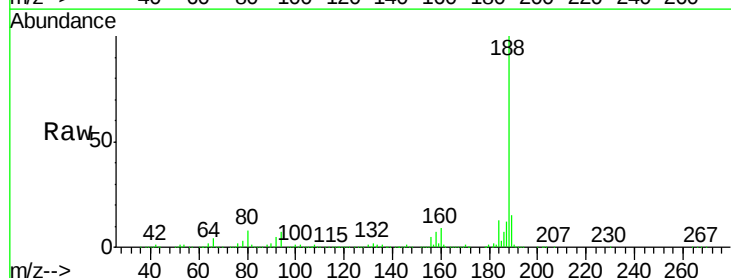
Tgt Ion: 188 Resp: 536235

Ion Ratio Lower Upper

188 100

94 7.1 6.9 10.3

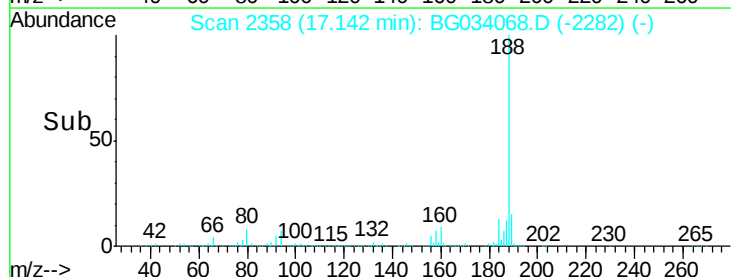
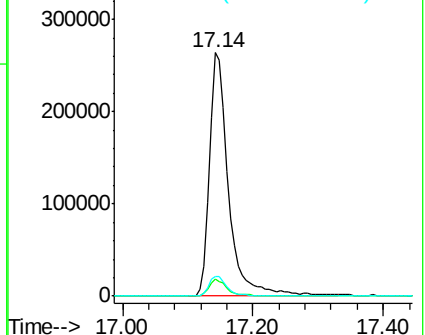
80 8.1 7.7 11.5

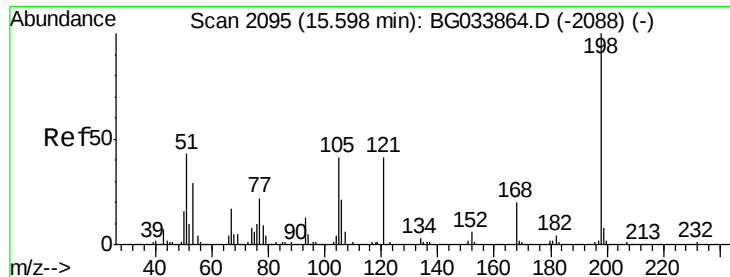


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

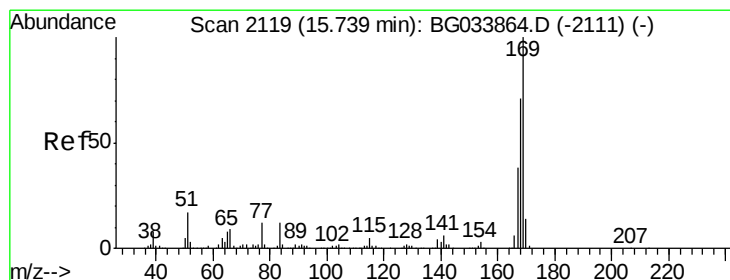
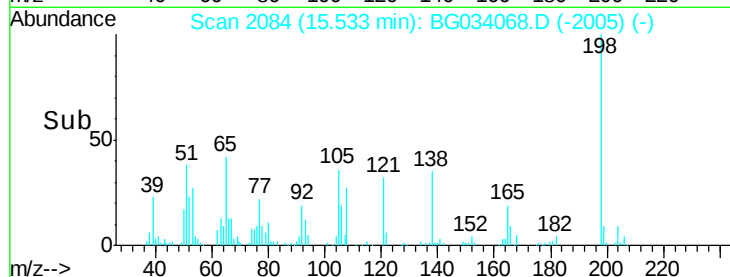
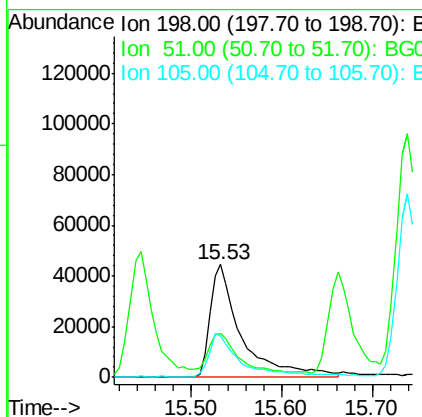
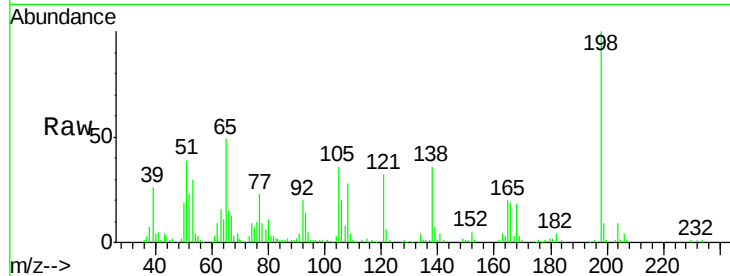




#64
 4,6-Dinitro-2-methylphenol
 Concen: 42.28 ng
 RT: 15.53 min Scan# 2084
 Delta R.T. -0.07 min
 Lab File: BG034068.D
 Acq: 28 Apr 2018 10:50

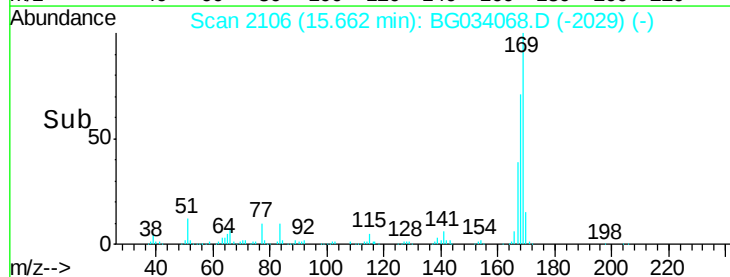
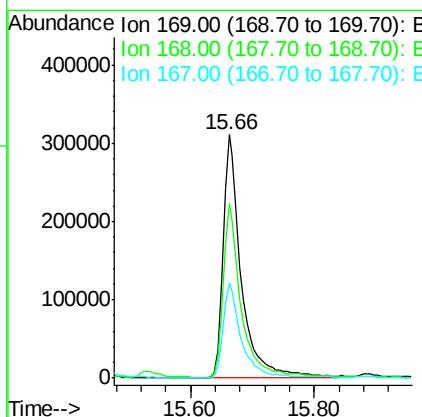
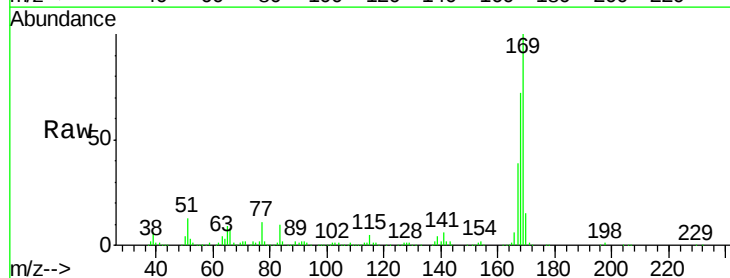
Instrument :
 BNA_G
 ClientSampleId :

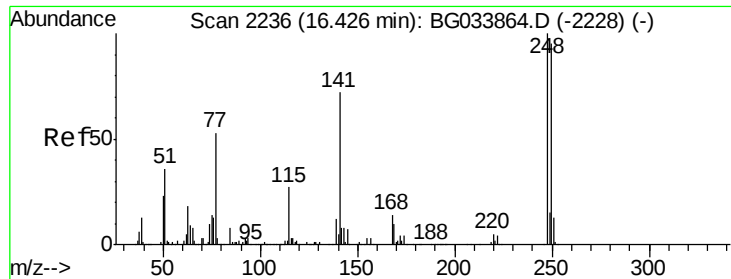
Tot Ion:198 Resp: 106864
 Ion Ratio Lower Upper
 198 100
 51 38.6 30.6 70.6
 105 36.5 23.8 63.8



#65
 n-Nitrosodiphenylamine
 Concen: 40.90 ng
 RT: 15.66 min Scan# 2106
 Delta R.T. -0.08 min
 Lab File: BG034068.D
 Acq: 28 Apr 2018 10:50

Tgt Ion:169 Resp: 637575
 Ion Ratio Lower Upper
 169 100
 168 71.5 55.7 83.5
 167 39.3 30.1 45.1

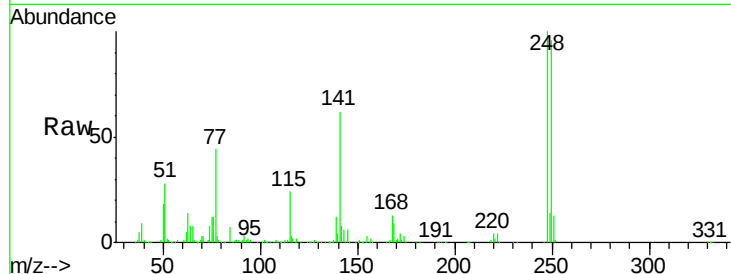




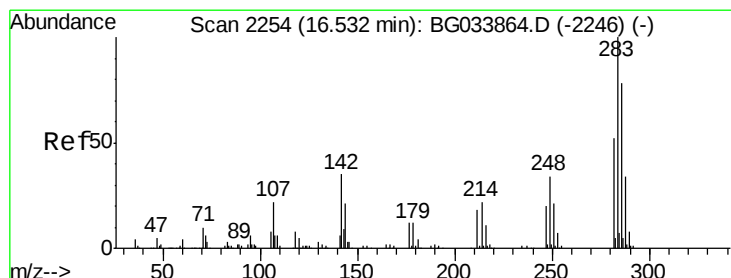
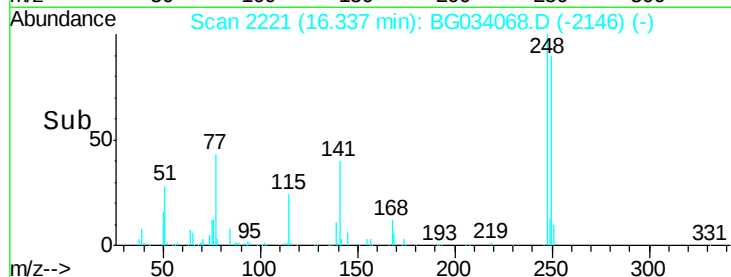
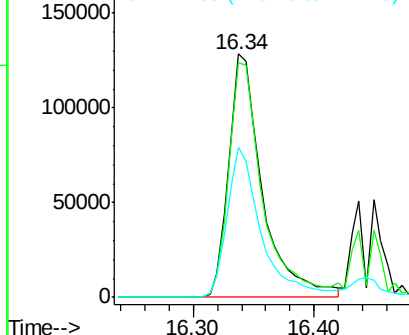
#66
4-Bromophenyl-phenylether
Concen: 42.43 ng
RT: 16.34 min Scan# 2221
Delta R.T. -0.09 min
Lab File: BG034068.D
Acq: 28 Apr 2018 10:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.4	77.1	115.7
141	61.8	50.8	76.2

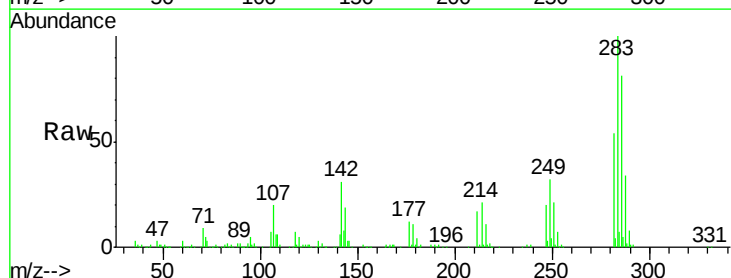


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

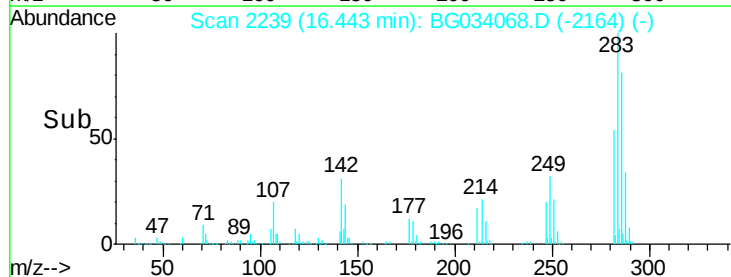
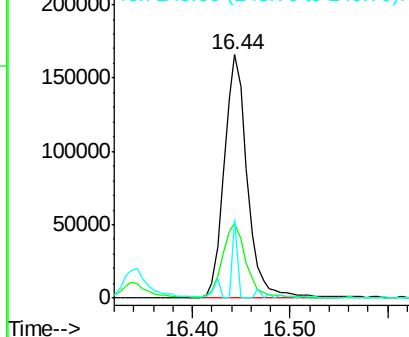


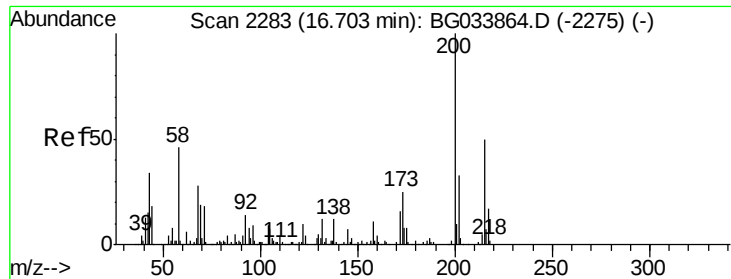
#67
Hexachlorobenzene
Concen: 43.51 ng
RT: 16.44 min Scan# 2239
Delta R.T. -0.09 min
Lab File: BG034068.D
Acq: 28 Apr 2018 10:50

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.9	26.8	40.2
249	32.1	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

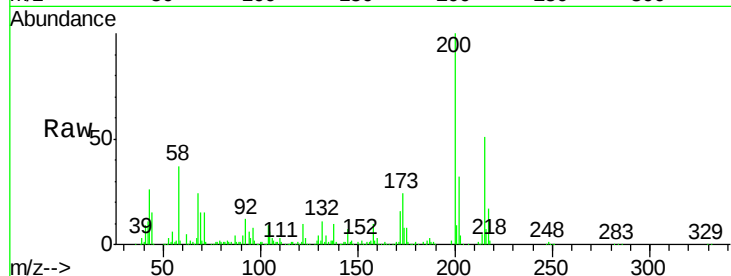




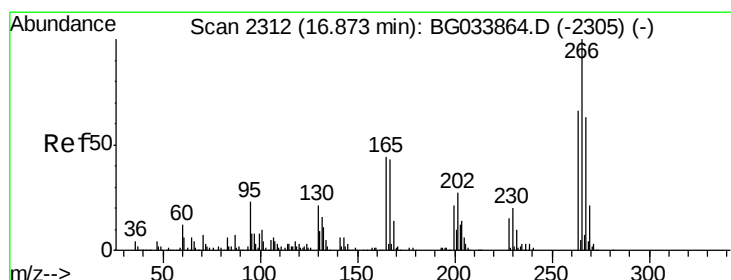
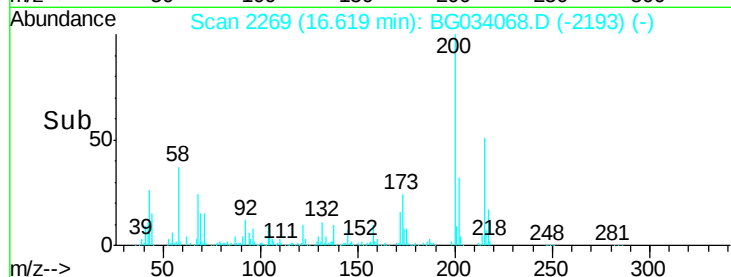
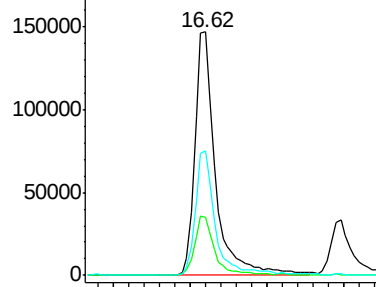
#68
Atrazine
Concen: 44.96 ng
RT: 16.62 min Scan# 2269
Delta R.T. -0.08 min
Lab File: BG034068.D
Acq: 28 Apr 2018 10:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.1	5.2	45.2
215	51.2	30.4	70.4

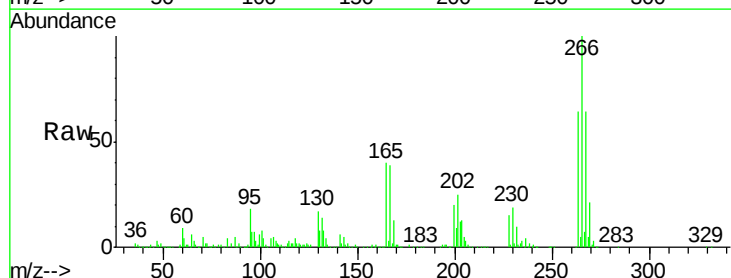


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

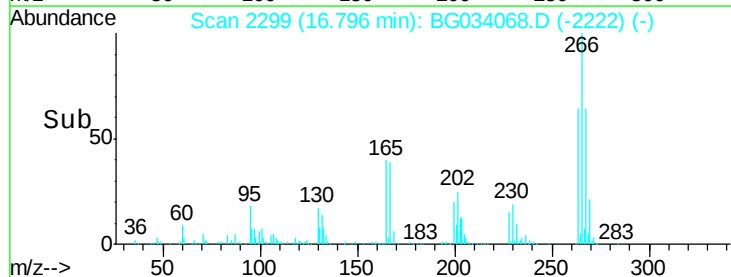
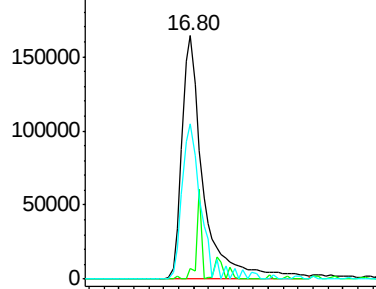


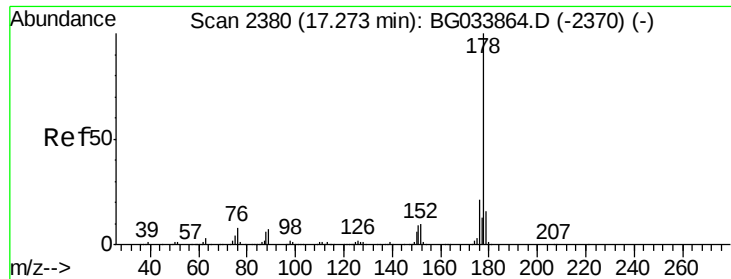
#69
Pentachlorophenol
Concen: 76.39 ng
RT: 16.80 min Scan# 2299
Delta R.T. -0.08 min
Lab File: BG034068.D
Acq: 28 Apr 2018 10:50

Tgt Ion	Ratio	Lower	Upper
266	100		
268	4.6	51.1	76.7#
264	69.2	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: 40.80 ng

RT: 17.18 min Scan# 2365

Delta R.T. -0.09 min

Lab File: BG034068.D

Acq: 28 Apr 2018 10:50

Instrument :

BNA_G

ClientSampleId :

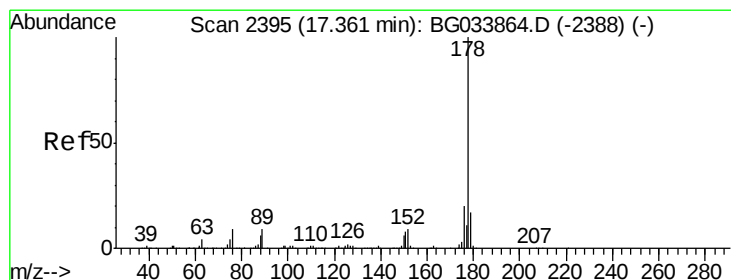
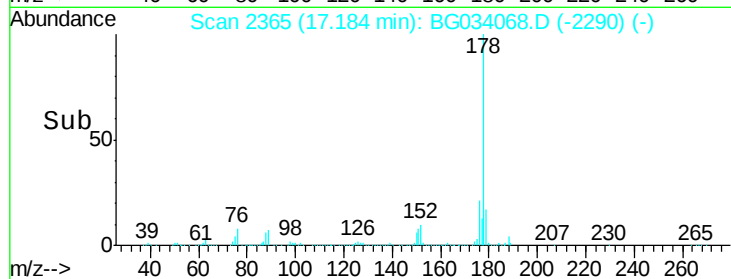
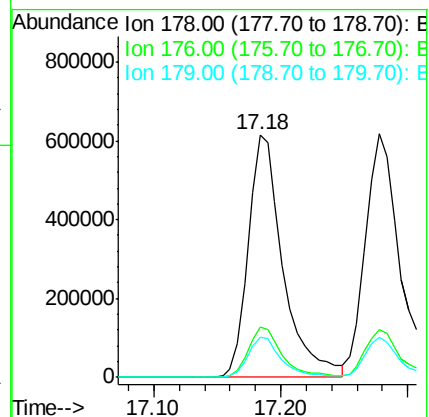
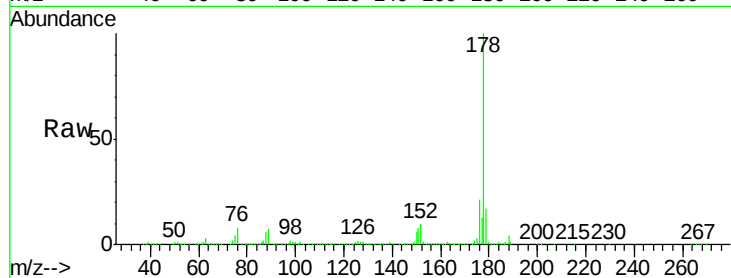
Tot Ion:178 Resp: 1173563

Ion Ratio Lower Upper

178 100

176 20.6 15.7 23.5

179 16.6 12.5 18.7



#71

Anthracene

Concen: 45.35 ng

RT: 17.28 min Scan# 2381

Delta R.T. -0.08 min

Lab File: BG034068.D

Acq: 28 Apr 2018 10:50

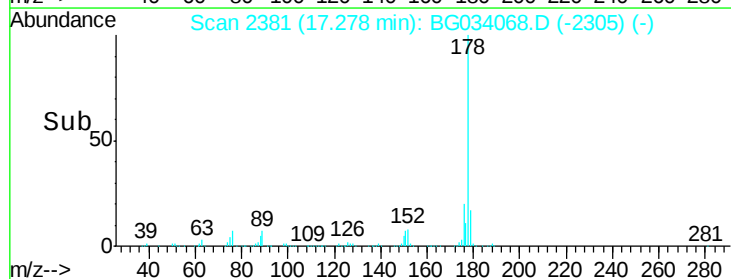
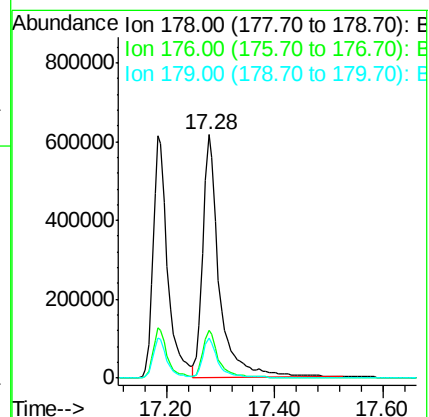
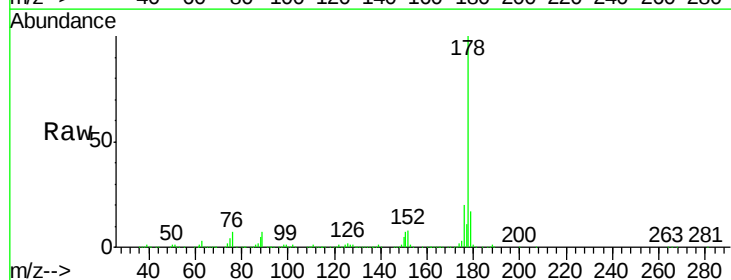
Tgt Ion:178 Resp: 1304561

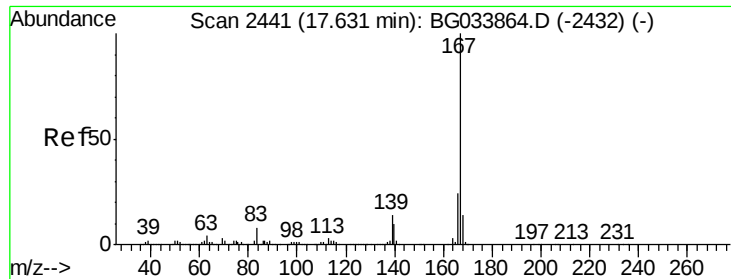
Ion Ratio Lower Upper

178 100

176 19.8 16.0 24.0

179 16.7 12.5 18.7





#72

Carbazole

Concen: 40.12 ng

RT: 17.56 min Scan# 2429

Delta R.T. -0.07 min

Lab File: BG034068.D

Acq: 28 Apr 2018 10:50

Instrument :

BNA_G

ClientSampled :

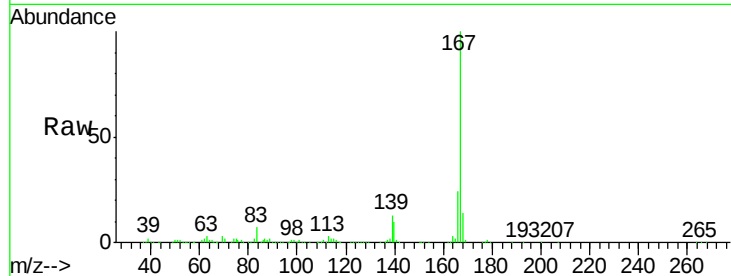
Tot Ion:167 Resp: 1113453

Ion Ratio Lower Upper

167 100

166 23.5 18.2 27.4

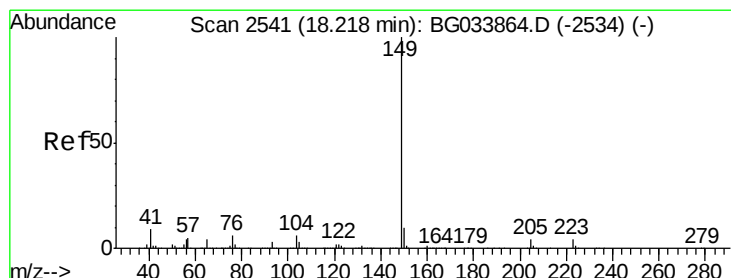
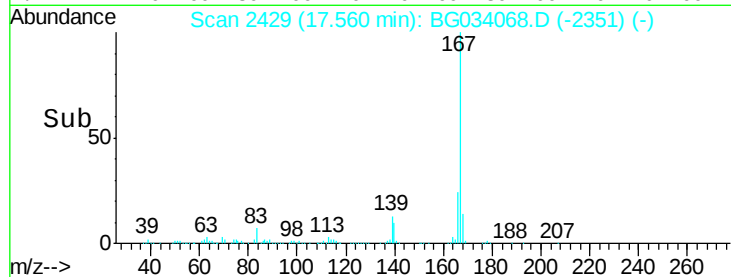
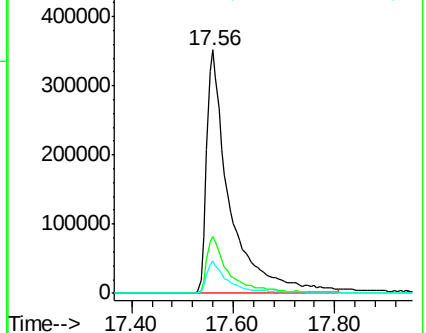
139 13.3 9.4 14.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 39.78 ng

RT: 18.12 min Scan# 2525

Delta R.T. -0.09 min

Lab File: BG034068.D

Acq: 28 Apr 2018 10:50

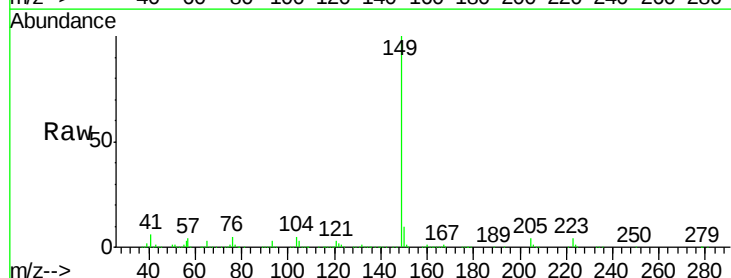
Tgt Ion:149 Resp: 1373537

Ion Ratio Lower Upper

149 100

150 10.1 7.8 11.6

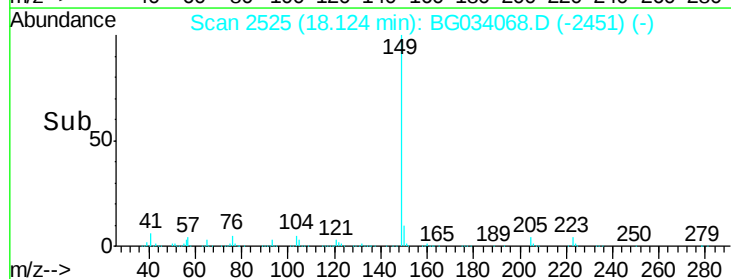
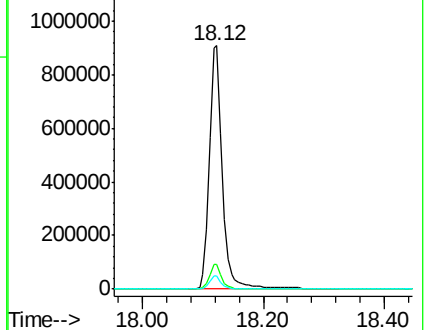
104 5.3 3.9 5.9

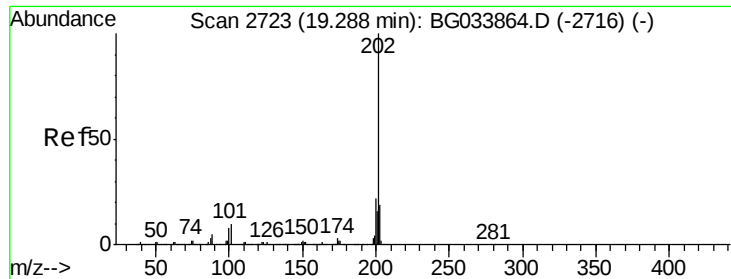


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

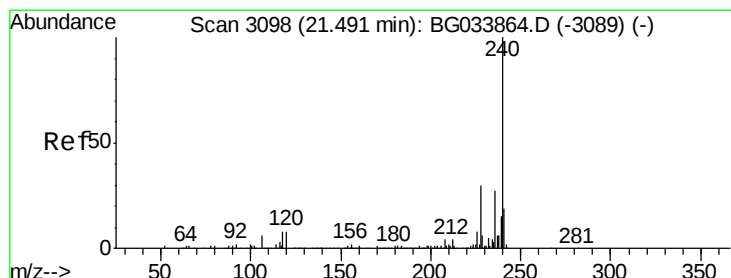
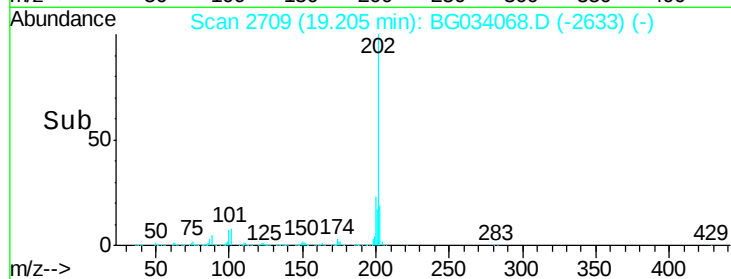
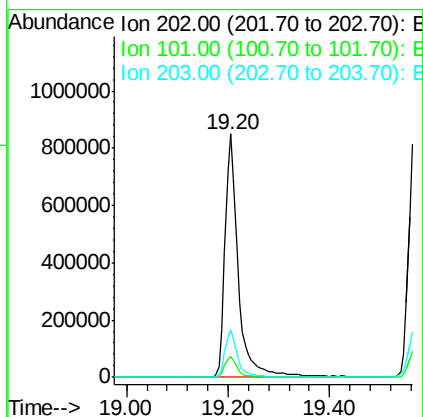
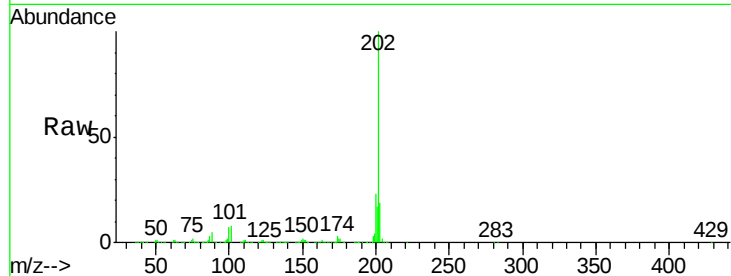




#74
 Fluoranthene
 Concen: 44.59 ng
 RT: 19.20 min Scan# 2709
 Delta R.T. -0.08 min
 Lab File: BG034068.D
 Acq: 28 Apr 2018 10:50

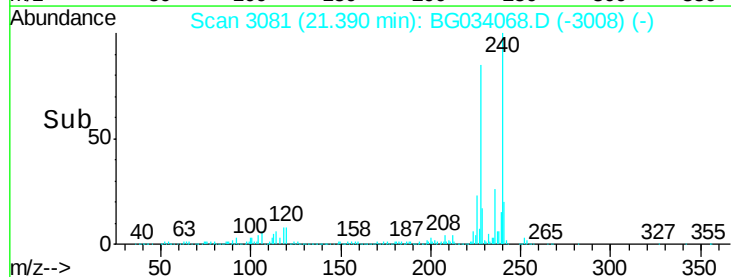
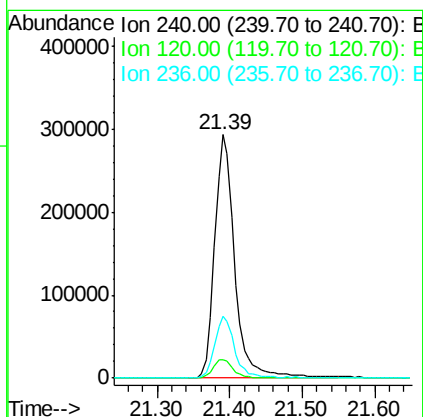
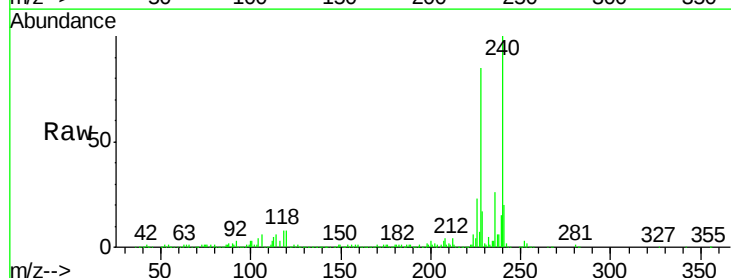
Instrument :
 BNA_G
 ClientSampleId :

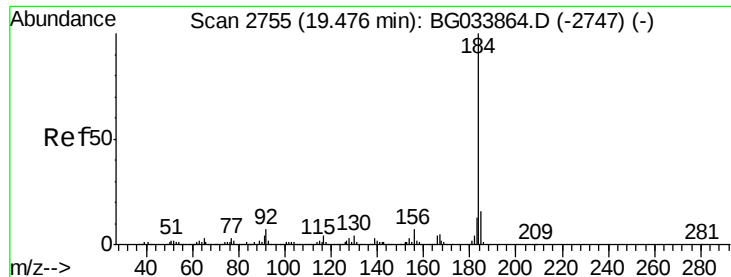
Tot Ion:202 Resp: 1551530
 Ion Ratio Lower Upper
 202 100
 101 8.4 0.0 28.9
 203 19.5 0.0 37.5



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.39 min Scan# 3081
 Delta R.T. -0.10 min
 Lab File: BG034068.D
 Acq: 28 Apr 2018 10:50

Tgt Ion:240 Resp: 561896
 Ion Ratio Lower Upper
 240 100
 120 7.8 6.8 10.2
 236 25.5 20.9 31.3





#76

Benzidine

Concen: 11.55 ng

RT: 19.44 min Scan# 2749

Delta R.T. -0.04 min

Lab File: BG034068.D

Acq: 28 Apr 2018 10:50

Instrument :

BNA_G

ClientSampled :

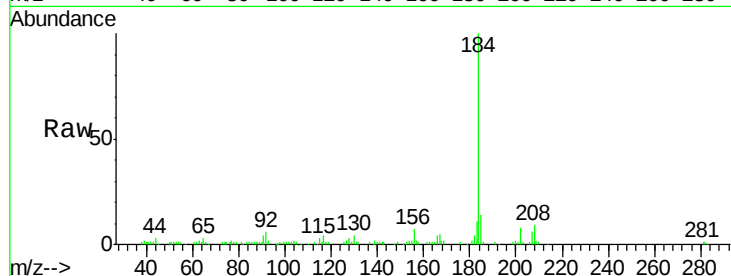
Tot Ion:184 Resp: 175250

Ion Ratio Lower Upper

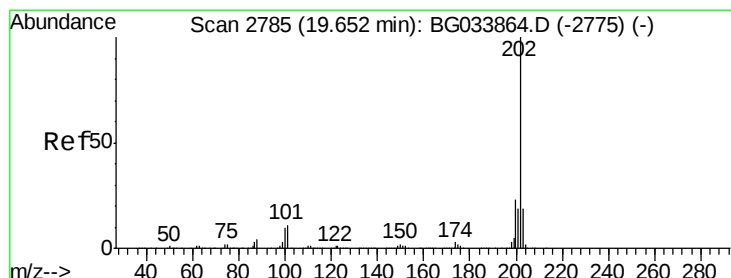
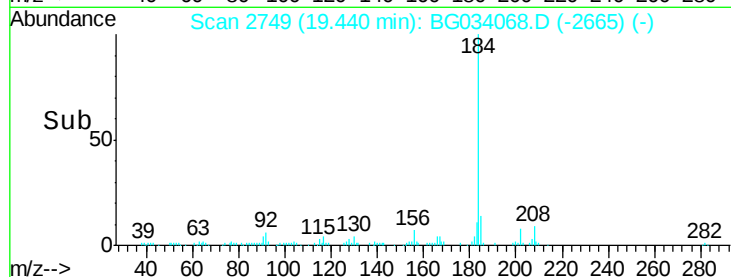
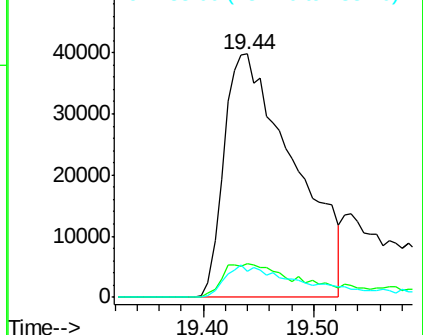
184 100

185 13.8 11.1 16.7

183 10.6 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

Pyrene

Concen: 41.29 ng

RT: 19.57 min Scan# 2771

Delta R.T. -0.08 min

Lab File: BG034068.D

Acq: 28 Apr 2018 10:50

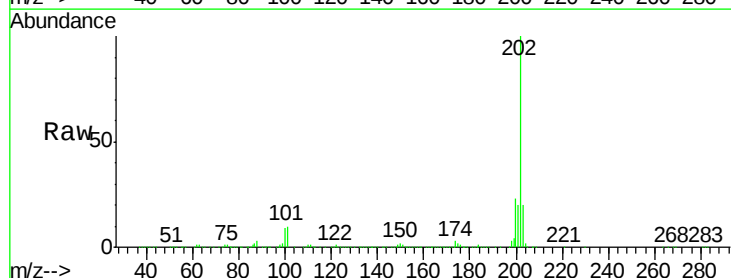
Tgt Ion:202 Resp: 1521719

Ion Ratio Lower Upper

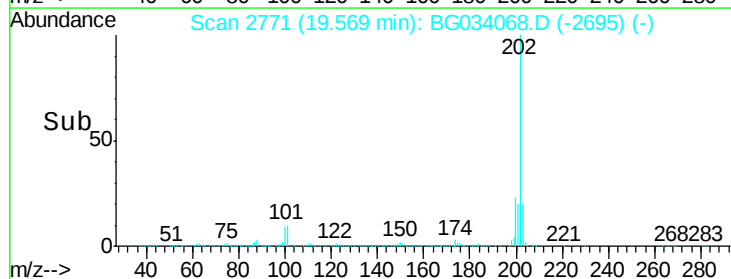
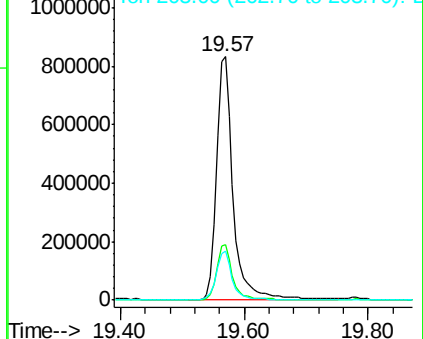
202 100

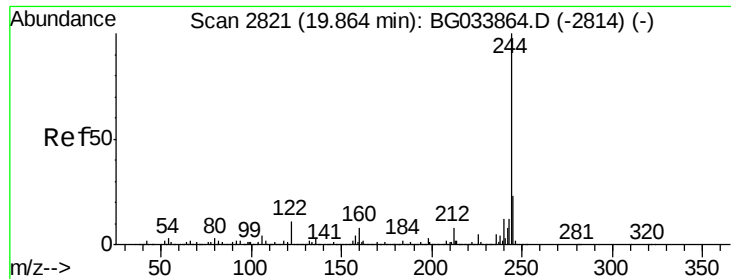
200 22.8 16.9 25.3

203 20.2 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

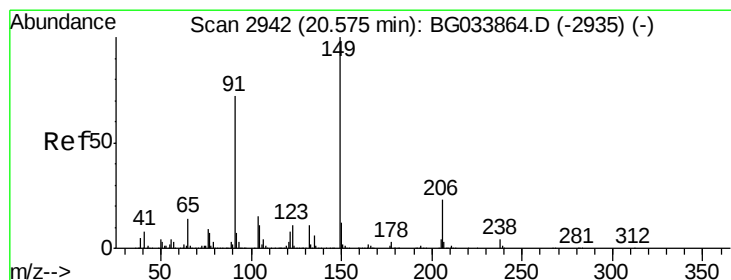
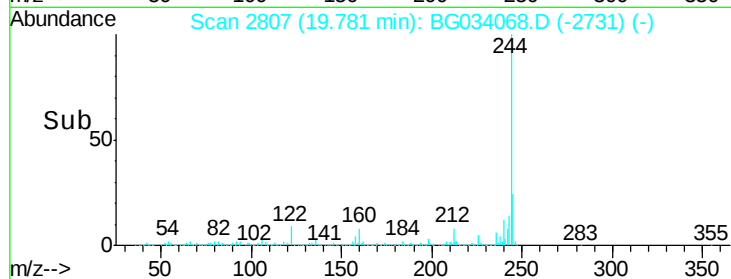
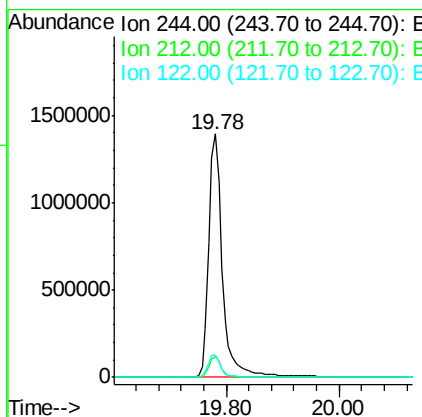
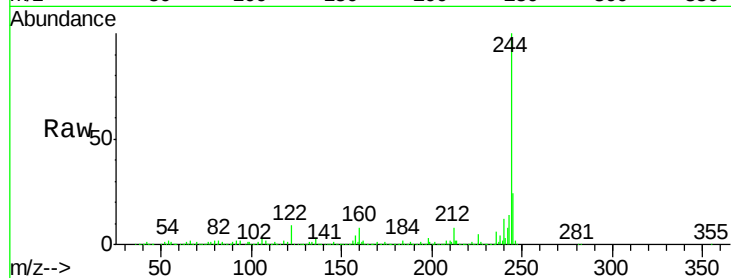




#78
 Terphenyl-d14
 Concen: 94.36 ng
 RT: 19.78 min Scan# 2807
 Delta R.T. -0.08 min
 Lab File: BG034068.D
 Acq: 28 Apr 2018 10:50

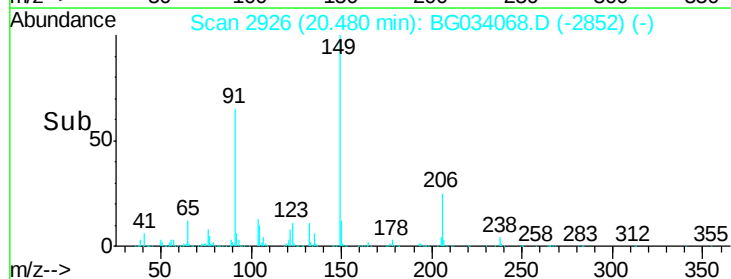
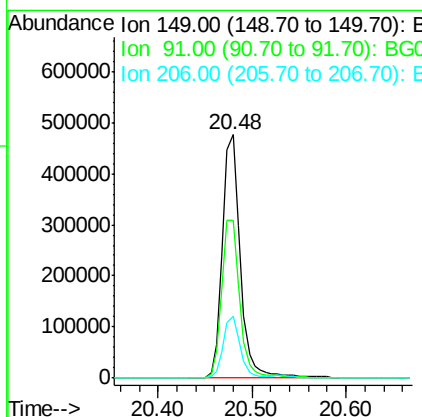
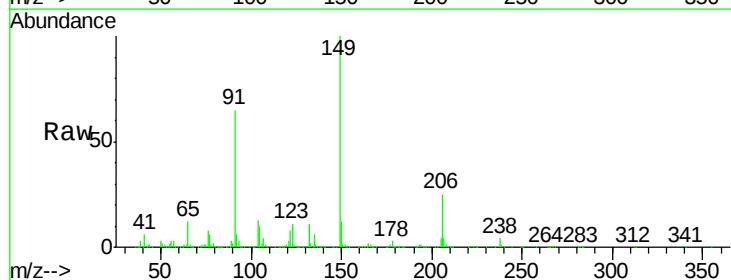
Instrument :
 BNA_G
 ClientSampleId :

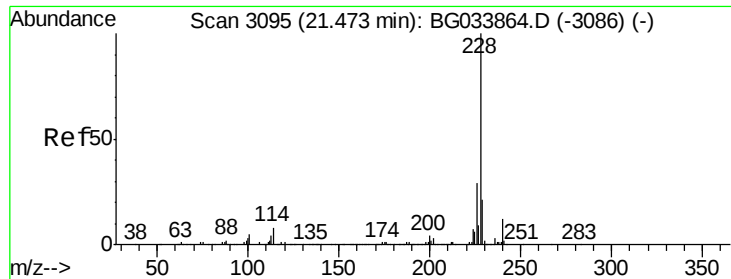
Tot Ion:244 Resp: 2360100
 Ion Ratio Lower Upper
 244 100
 212 8.3 5.8 8.8
 122 9.4 7.0 10.4



#79
 Butylbenzylphthalate
 Concen: 39.44 ng
 RT: 20.48 min Scan# 2926
 Delta R.T. -0.09 min
 Lab File: BG034068.D
 Acq: 28 Apr 2018 10:50

Tgt Ion:149 Resp: 638302
 Ion Ratio Lower Upper
 149 100
 91 64.6 62.2 93.2
 206 25.3 18.6 27.8

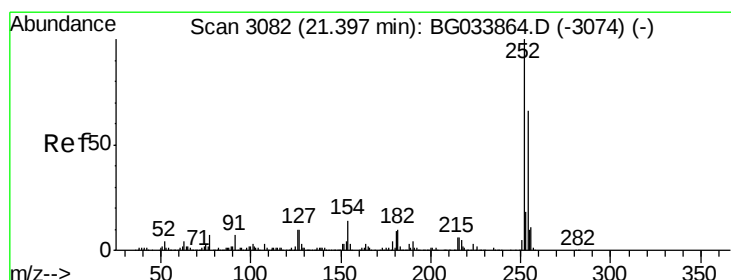
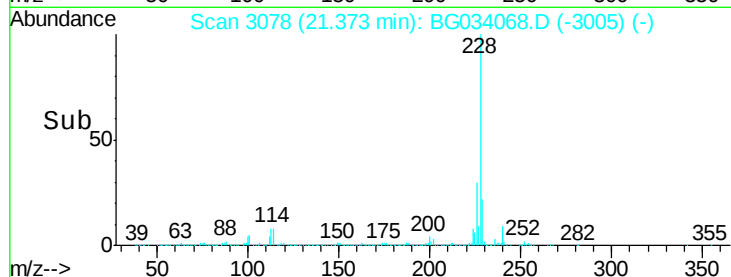
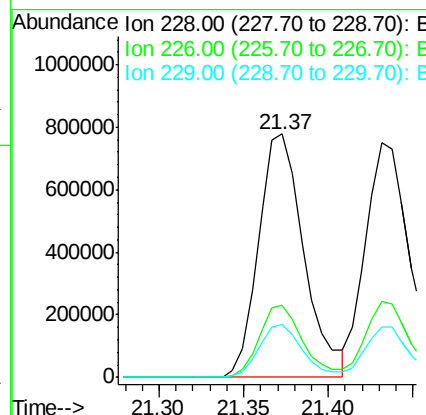
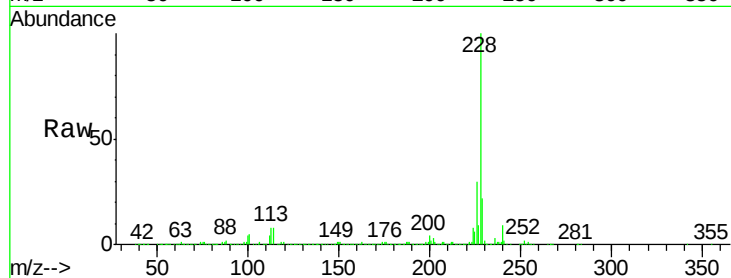




#80
Benzo(a)anthracene
Concen: 40.94 ng
RT: 21.37 min Scan# 3078
Delta R.T. -0.10 min
Lab File: BG034068.D
Acq: 28 Apr 2018 10:50

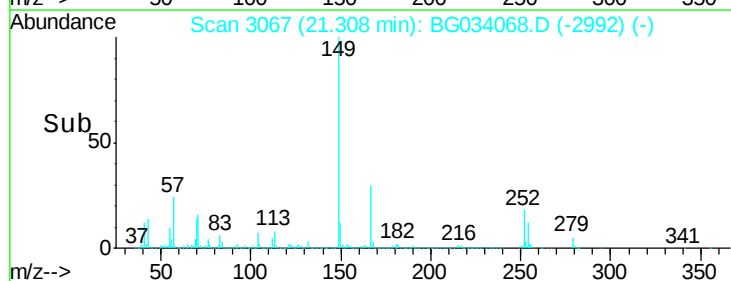
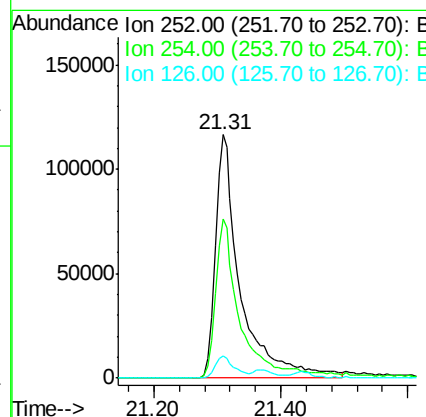
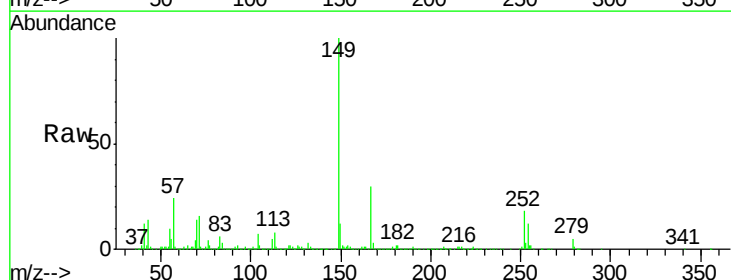
Instrument :
BNA_G
ClientSampleId :

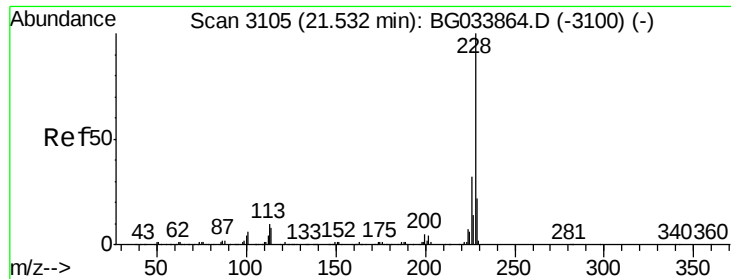
Tot Ion:228 Resp: 1450504
Ion Ratio Lower Upper
228 100
226 29.5 22.7 34.1
229 22.0 16.2 24.2



#81
3,3'-Dichlorobenzidine
Concen: 24.21 ng
RT: 21.31 min Scan# 3067
Delta R.T. -0.09 min
Lab File: BG034068.D
Acq: 28 Apr 2018 10:50

Tgt Ion:252 Resp: 319786
Ion Ratio Lower Upper
252 100
254 65.2 50.8 76.2
126 8.9 7.4 11.2





#82

Chrysene

Concen: 44.64 ng

RT: 21.43 min Scan# 3088

Delta R.T. -0.10 min

Lab File: BG034068.D

Acq: 28 Apr 2018 10:50

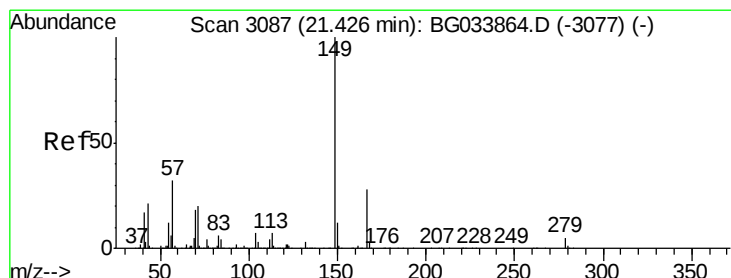
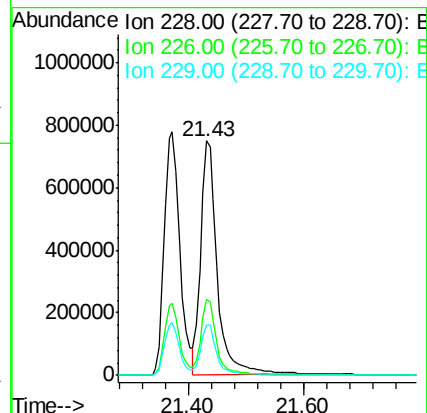
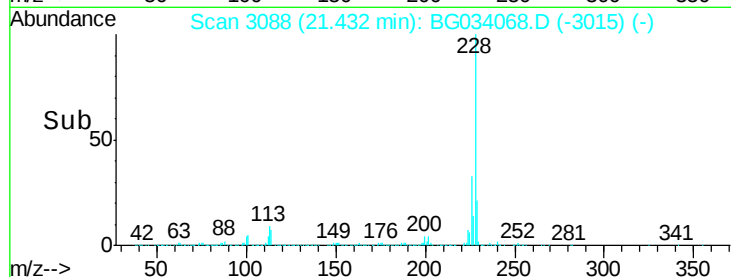
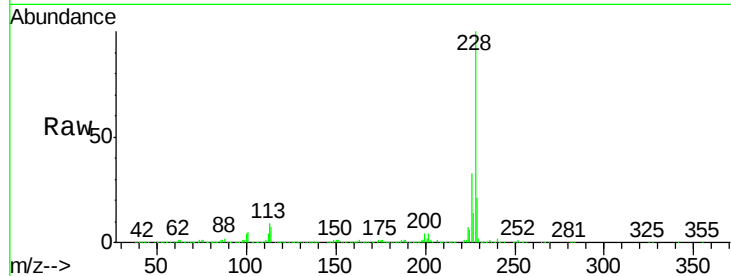
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1510332

Ion	Ratio	Lower	Upper
228	100		
226	32.5	24.9	37.3
229	21.4	15.0	22.4



#83

Bis(2-ethylhexyl)phthalate

Concen: 39.06 ng

RT: 21.30 min Scan# 3066

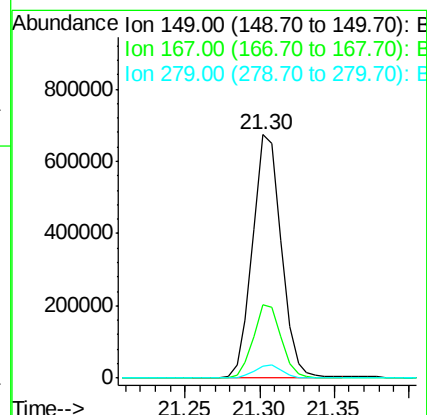
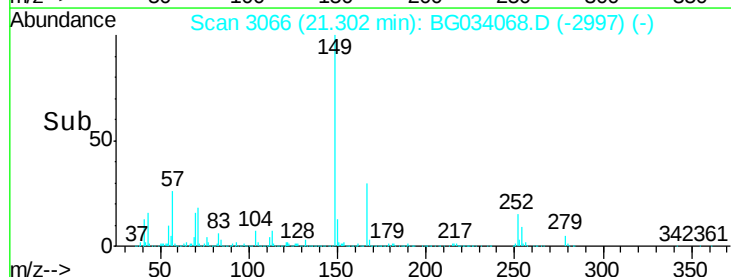
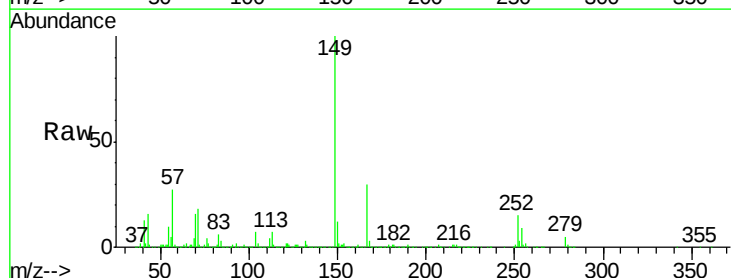
Delta R.T. -0.12 min

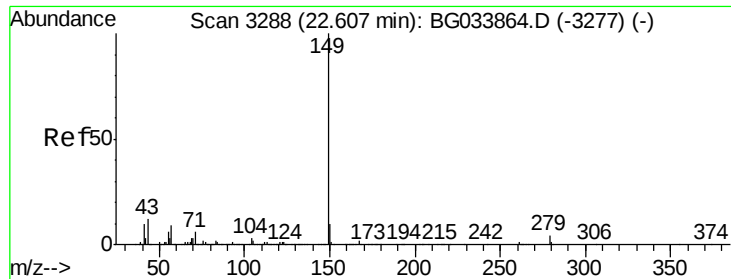
Lab File: BG034068.D

Acq: 28 Apr 2018 10:50

Tgt Ion:149 Resp: 892722

Ion	Ratio	Lower	Upper
149	100		
167	30.0	24.3	36.5
279	4.8	4.0	6.0





#84

Di-n-octyl phthalate

Concen: 42.02 ng

RT: 22.44 min Scan# 3260

Delta R.T. -0.17 min

Lab File: BG034068.D

Acq: 28 Apr 2018 10:50

Instrument :

BNA_G

ClientSampleId :

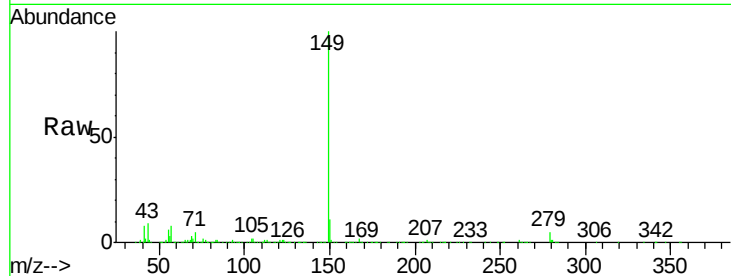
Tot Ion:149 Resp: 1524618

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

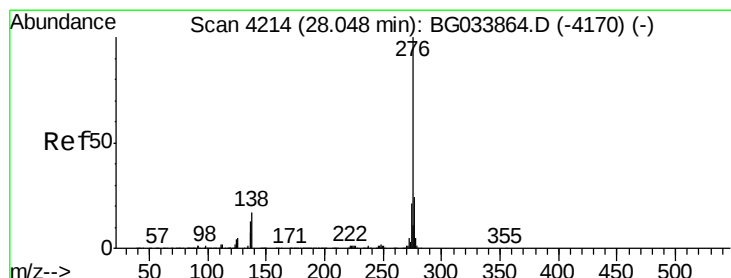
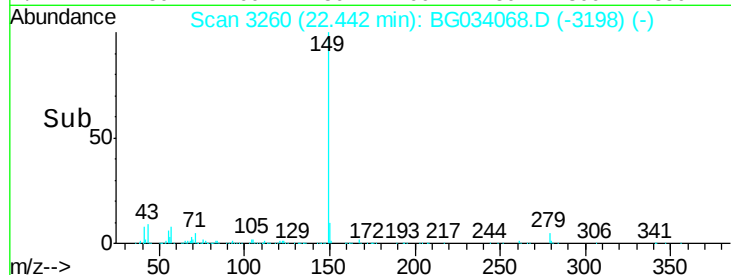
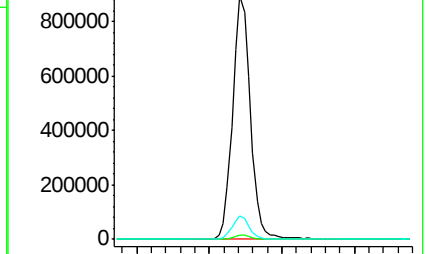
43 9.1 8.9 13.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B



#85

Indeno(1,2,3-cd)pyrene

Concen: 43.62 ng

RT: 27.77 min Scan# 4167

Delta R.T. -0.28 min

Lab File: BG034068.D

Acq: 28 Apr 2018 10:50

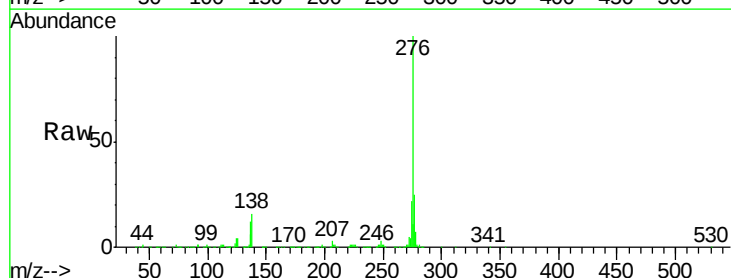
Tgt Ion:276 Resp: 1680096

Ion Ratio Lower Upper

276 100

138 11.2 16.0 24.0#

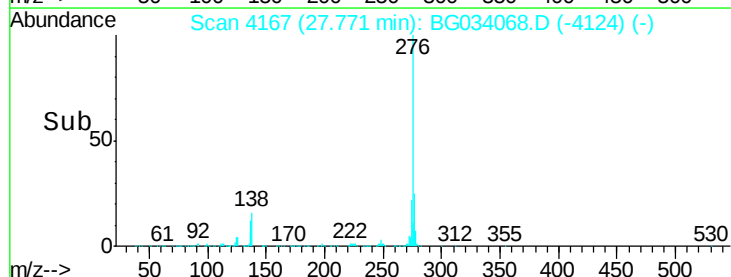
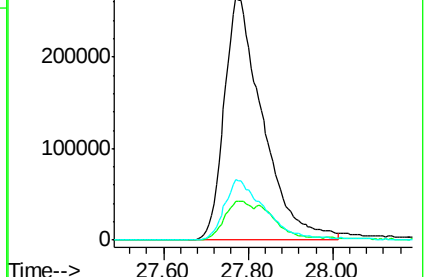
277 25.7 20.0 30.0

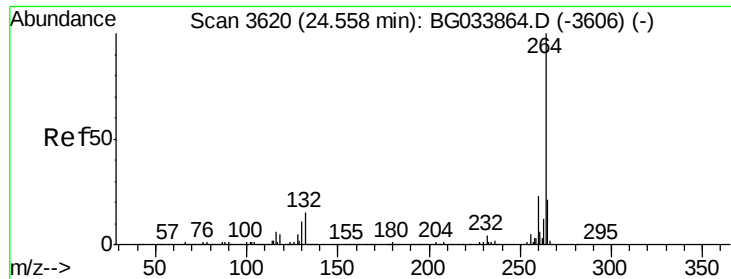


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

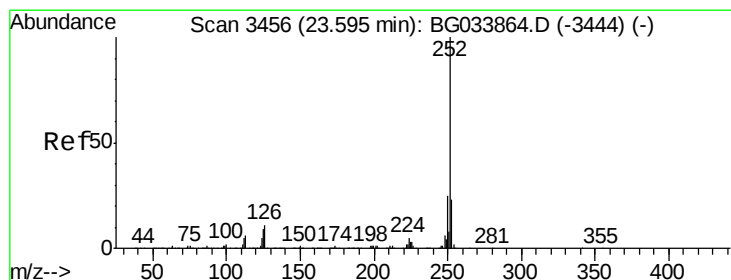
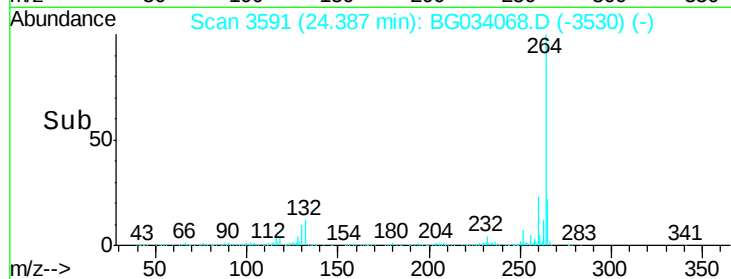
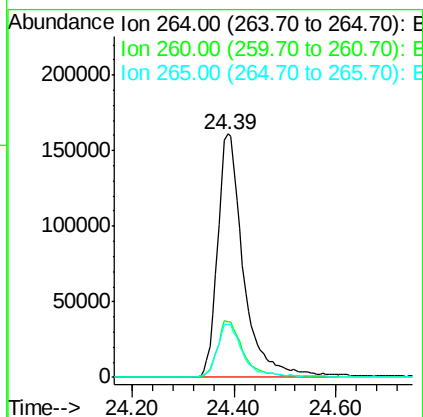
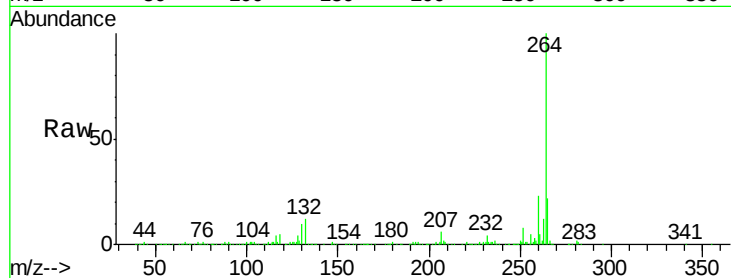




#86
Pervlene-d12
Concen: 20.00 ng
RT: 24.39 min Scan# 3591
Delta R.T. -0.17 min
Lab File: BG034068.D
Acq: 28 Apr 2018 10:50

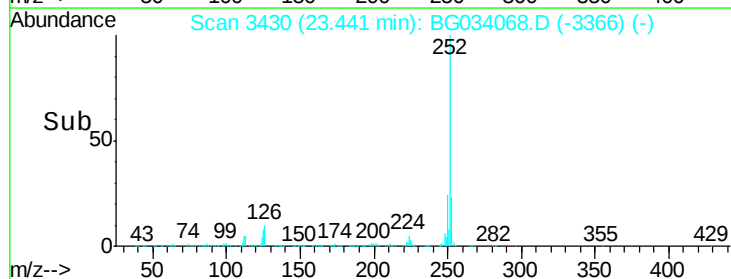
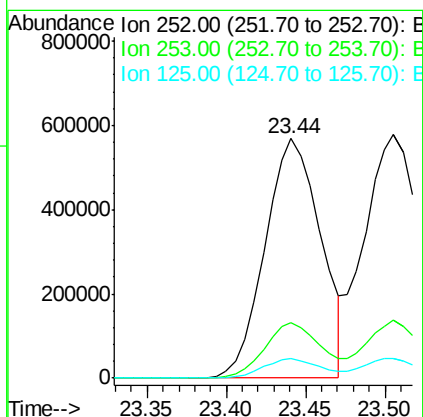
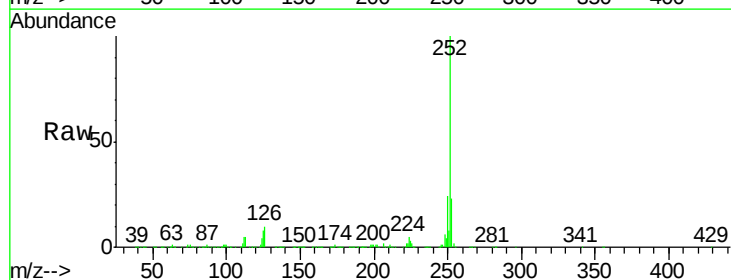
Instrument :
BNA_G
ClientSampleId :

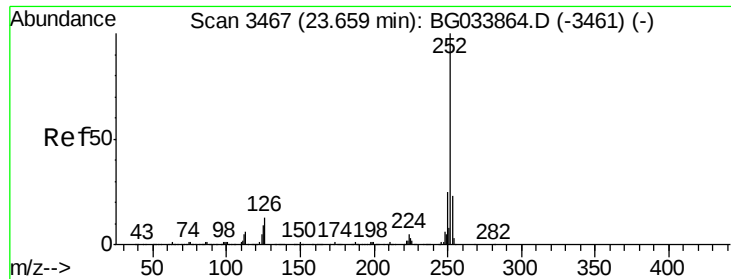
Tot Ion:264 Resp: 572483
Ion Ratio Lower Upper
264 100
260 22.9 17.4 26.0
265 21.7 17.7 26.5



#87
Benzo(b)fluoranthene
Concen: 39.65 ng
RT: 23.44 min Scan# 3430
Delta R.T. -0.15 min
Lab File: BG034068.D
Acq: 28 Apr 2018 10:50

Tgt Ion:252 Resp: 1384645
Ion Ratio Lower Upper
252 100
253 22.9 18.2 27.4
125 8.0 7.2 10.8

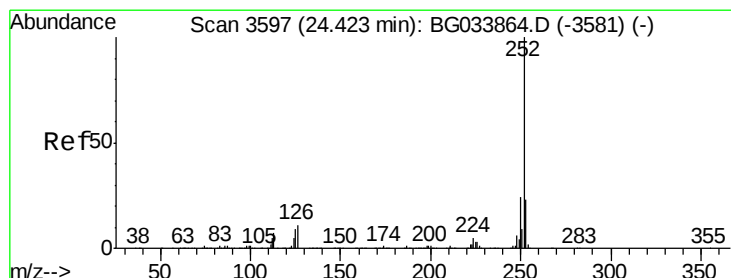
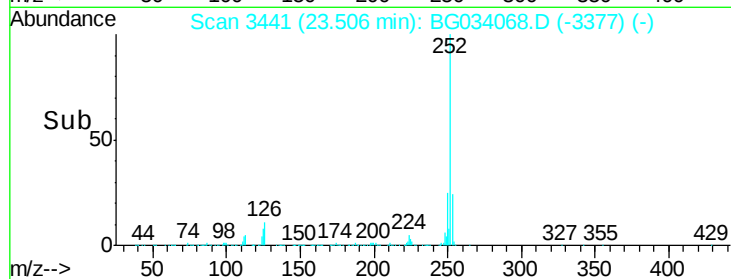
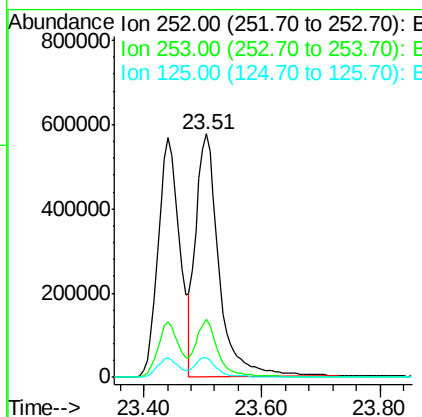
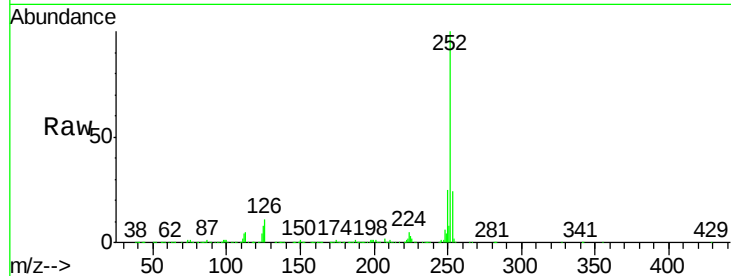




#88
Benzo(k)fluoranthene
Concen: 44.97 ng
RT: 23.51 min Scan# 3441
Delta R.T. -0.15 min
Lab File: BG034068.D
Acq: 28 Apr 2018 10:50

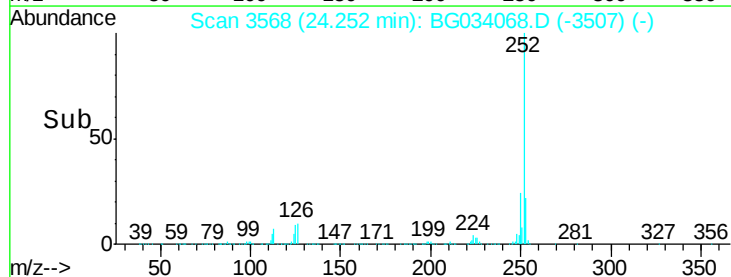
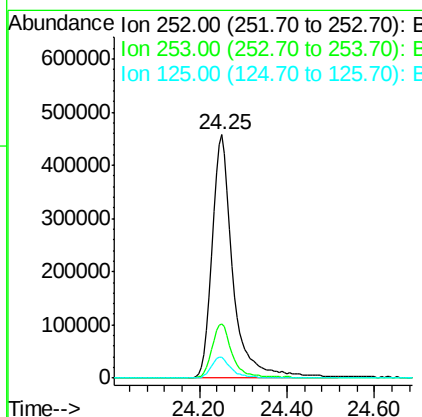
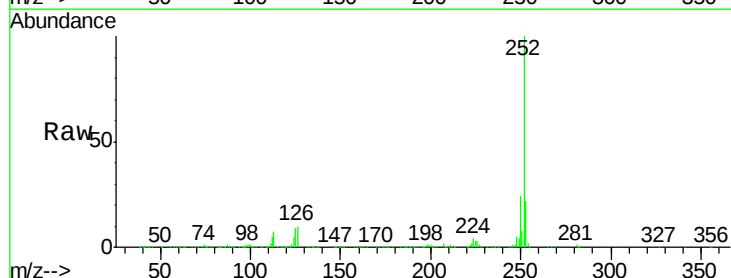
Instrument :
BNA_G
ClientSampleId :

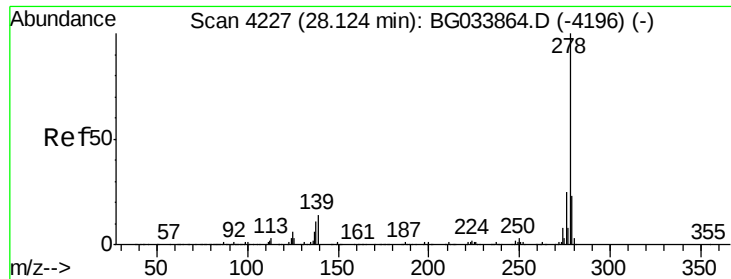
Tot Ion:252 Resp: 1560026
Ion Ratio Lower Upper
252 100
253 24.0 17.4 26.2
125 7.8 6.6 9.8



#89
Benzo(a)pyrene
Concen: 45.04 ng
RT: 24.25 min Scan# 3568
Delta R.T. -0.17 min
Lab File: BG034068.D
Acq: 28 Apr 2018 10:50

Tgt Ion:252 Resp: 1506592
Ion Ratio Lower Upper
252 100
253 22.3 18.3 27.5
125 8.8 7.3 10.9



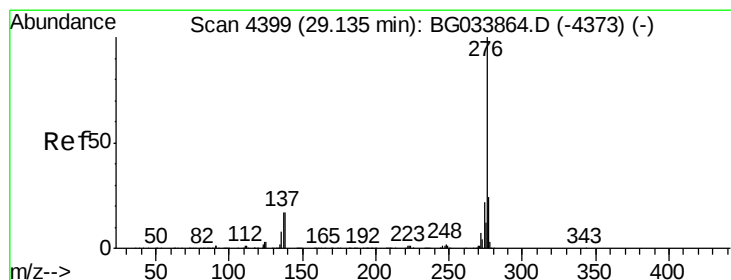
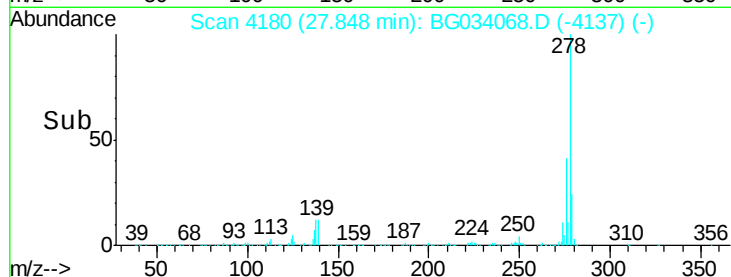
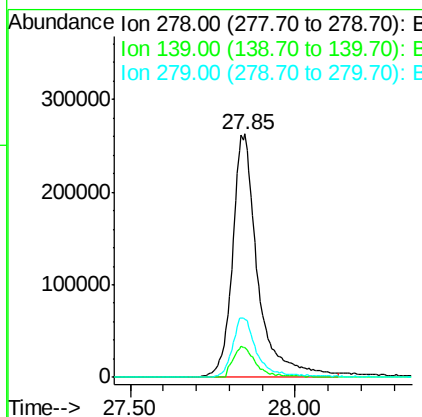
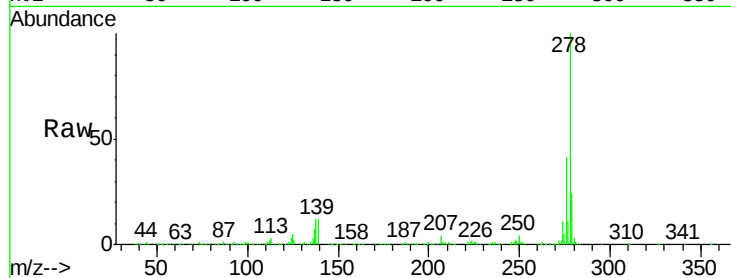


#90
Dibenzo(a,h)anthracene
Concen: 43.61 ng
RT: 27.85 min Scan# 4180
Delta R.T. -0.28 min
Lab File: BG034068.D
Acq: 28 Apr 2018 10:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1411480

Ion	Ratio	Lower	Upper
278	100		
139	12.3	9.8	14.6
279	23.9	18.4	27.6



#91
Benzo(g,h,i)perylene
Concen: 44.01 ng
RT: 28.83 min Scan# 4348
Delta R.T. -0.30 min
Lab File: BG034068.D
Acq: 28 Apr 2018 10:50

Tgt Ion:276 Resp: 1401514

Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.3	27.5
138	16.0	13.9	20.9

