

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042518\
 Data File : BG034007.D
 Acq On : 26 Apr 2018 4:45
 Operator : SJ/JU
 Sample : J2155-08MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 26 07:20:26 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	7.83	152	67076	20.00	ng	0.00
21) Naphthalene-d8	10.61	136	325329	20.00	ng	-0.02
38) Acenaphthene-d10	14.46	164	231799	20.00	ng	-0.02
63) Phenanthrene-d10	17.21	188	586801	20.00	ng	-0.02
75) Chrysene-d12	21.47	240	599607	20.00	ng	-0.02
86) Perylene-d12	24.53	264	628137	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	593816	141.34	ng	0.00
7) Phenol-d6	7.00	99	765742	124.96	ng	0.00
23) Nitrobenzene-d5	8.98	82	566794	99.15	ng	0.00
41) 2,4,6-Tribromophenol	15.95	330	470163	173.86	ng	-0.02
44) 2-Fluorobiphenyl	13.09	172	1453624	92.12	ng	-0.02
78) Terphenyl-d14	19.85	244	2506233	93.90	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.43	88	59578	33.559	ng	88
3) Pyridine	3.81	79	159936	31.137	ng	90
4) n-Nitrosodimethylamine	3.72	42	102243	43.691	ng	# 93
6) Aniline	7.16	93	201204	24.563	ng	97
8) 2-Chlorophenol	7.40	128	234997	49.918	ng	90
9) Benzaldehyde	6.98	77	90531	25.066	ng	96
10) Phenol	7.03	94	269059	42.860	ng	99
11) bis(2-Chloroethyl)ether	7.26	93	217837	45.370	ng	92
12) 1,3-Dichlorobenzene	7.72	146	229305	42.313	ng	96
13) 1,4-Dichlorobenzene	7.86	146	236208	43.034	ng	97
14) 1,2-Dichlorobenzene	8.18	146	229083	42.917	ng	95
15) Benzyl Alcohol	8.06	79	246209	46.076	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.36	45	366121	39.097	ng	96
17) 2-Methylphenol	8.27	107	208279	44.772	ng	96
18) Hexachloroethane	8.90	117	83601	41.681	ng	96
19) n-Nitroso-di-n-propylamine	8.63	70	214825	41.127	ng	# 95
20) 3+4-Methylphenols	8.59	107	292093	43.212	ng	95
22) Acetophenone	8.64	105	375885	42.451	ng	# 95
24) Nitrobenzene	9.02	77	291265	46.757	ng	93
25) Isophorone	9.54	82	577055	44.898	ng	# 92
26) 2-Nitrophenol	9.73	139	143287	58.214	ng	94
27) 2,4-Dimethylphenol	9.79	122	252594	54.866	ng	93
28) bis(2-Chloroethoxy)methane	10.03	93	331800	48.848	ng	95
29) 2,4-Dichlorophenol	10.26	162	282325	55.010	ng	94
30) 1,2,4-Trichlorobenzene	10.48	180	265196	46.135	ng	97
31) Naphthalene	10.66	128	754391	45.093	ng	99
32) Benzoic acid	9.93	122	176141	39.405	ng	87
33) 4-Chloroaniline	10.77	127	37066	4.714	ng	93
34) Hexachlorobutadiene	10.95	225	162770	47.334	ng	98
35) Caprolactam	11.56	113	48156	22.069	ng	# 79
36) 4-Chloro-3-methylphenol	11.90	107	305527	48.775	ng	89
37) 2-Methylnaphthalene	12.28	142	594896	46.445	ng	93
39) 1,2,4,5-Tetrachlorobenzene	12.65	216	361238	46.932	ng	97
40) Hexachlorocyclopentadiene	12.63	237	421331	99.553	ng	92

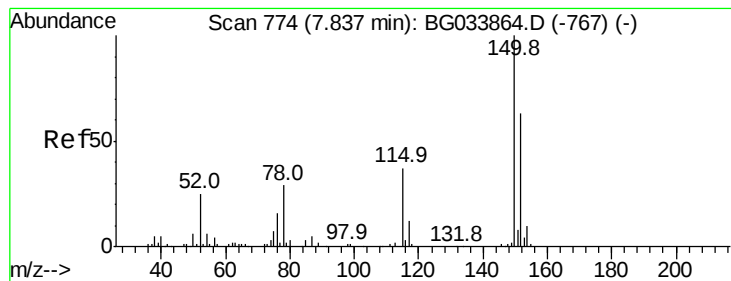
Data Path : Z:\HPCHEM1\BNA G\DATA\BG042518\
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 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 13:56:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.89	196	250908	53.465	nq	99
43) 2,4,5-Trichlorophenol	12.96	196	279981	51.894	nq	97
45) 1,1'-Biphenyl	13.29	154	835978	44.552	nq	98
46) 2-Chloronaphthalene	13.33	162	634779	44.616	nq	98
47) 2-Nitroaniline	13.54	65	218278	49.136	nq	88
48) Acenaphthylene	14.18	152	1026637	43.410	nq	99
49) Dimethylphthalate	13.93	163	912813	44.767	nq	98
50) 2,6-Dinitrotoluene	14.04	165	210022	54.352	nq #	84
51) Acenaphthene	14.53	154	644954	43.412	nq	98
52) 3-Nitroaniline	14.37	138	97010	23.120	nq #	81
53) 2,4-Dinitrophenol	14.57	184	224456	162.424	nq #	55
54) Dibenzofuran	14.86	168	1024505	46.514	nq	96
55) 4-Nitrophenol	14.68	139	335668	102.003	nq	88
56) 2,4-Dinitrotoluene	14.83	165	298783	58.147	nq #	79
57) Fluorene	15.51	166	867679	45.523	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.09	232	281446	56.973	nq	96
59) Diethylphthalate	15.30	149	942115	43.712	nq	98
60) 4-Chlorophenyl-phenylether	15.51	204	478059	47.953	nq	95
61) 4-Nitroaniline	15.54	138	224012	50.283	nq	93
62) Azobenzene	15.81	77	805194	41.911	nq	97
64) 4,6-Dinitro-2-methylphenol	15.59	198	159312	55.248	nq	86
65) n-Nitrosodiphenylamine	15.73	169	768716	45.059	nq	99
66) 4-Bromophenyl-phenylether	16.41	248	323648	50.222	nq	96
67) Hexachlorobenzene	16.52	284	333135	48.473	nq #	71
68) Atrazine	16.69	200	345410	51.682	nq	97
69) Pentachlorophenol	16.86	266	446331	94.547	nq	93
70) Phenanthrene	17.26	178	1442866	45.835	nq	96
71) Anthracene	17.35	178	1472092	46.761	nq	97
72) Carbazole	17.62	167	1352459	44.531	nq	96
73) Di-n-butylphthalate	18.20	149	1623190	42.961	nq	98
74) Fluoranthene	19.27	202	1781485	46.784	nq	95
76) Benzidine	19.46	184	147523	9.111	nq	99
77) Pyrene	19.64	202	1772368	45.066	nq	93
79) Butylbenzylphthalate	20.55	149	762067	44.124	nq	90
80) Benzo(a)anthracene	21.45	228	1762433	46.613	nq	95
81) 3,3'-Dichlorobenzidine	21.38	252	373469	26.491	nq	98
82) Chrysene	21.52	228	1652959	45.781	nq #	93
83) Bis(2-ethylhexyl)phthalate	21.39	149	1029972	42.227	nq	99
84) Di-n-octyl phthalate	22.56	149	1780769	45.997	nq	98
85) Indeno(1,2,3-cd)pyrene	28.00	276	2114631	51.452	nq #	93
87) Benzo(b)fluoranthene	23.57	252	1814851	47.361	nq	98
88) Benzo(k)fluoranthene	23.63	252	1763297	46.324	nq	97
89) Benzo(a)pyrene	24.39	252	1771103	48.260	nq	99
90) Dibenzo(a,h)anthracene	28.06	278	1751760	49.330	nq	97
91) Benzo(g,h,i)perylene	29.08	276	1756948	50.281	nq	98

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

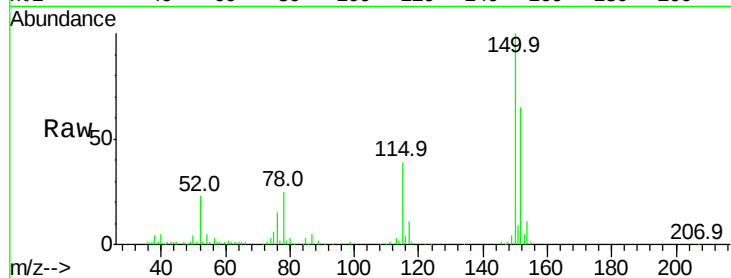


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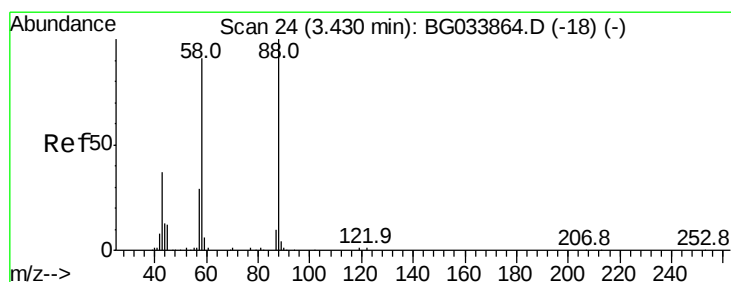
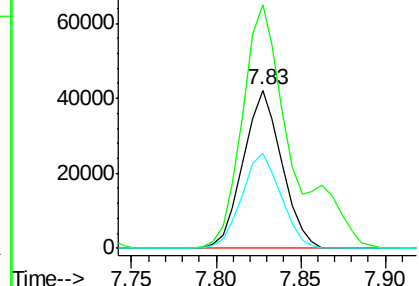
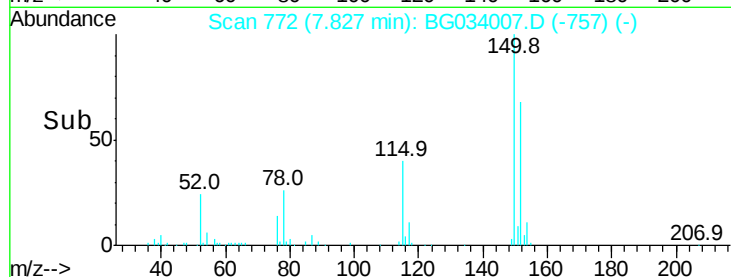
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 772
Delta R.T. -0.01 min
Lab File: BG034007.D
Acq: 26 Apr 2018 4:45

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 67076
Ion Ratio Lower Upper
152 100
150 153.7 126.6 189.8
115 60.0 53.0 79.4



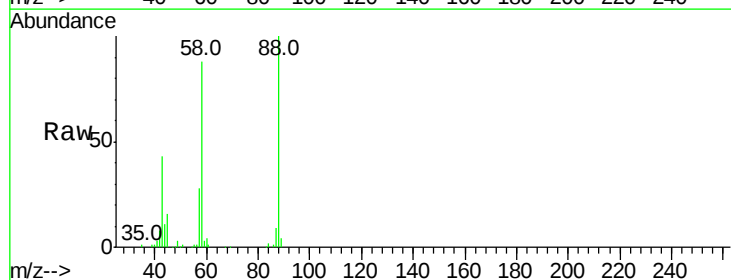
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



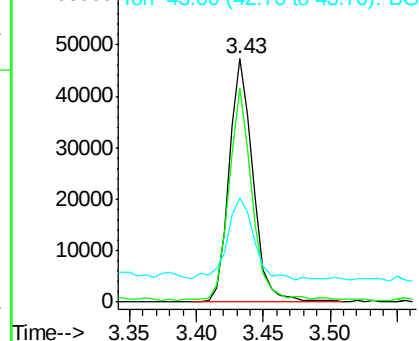
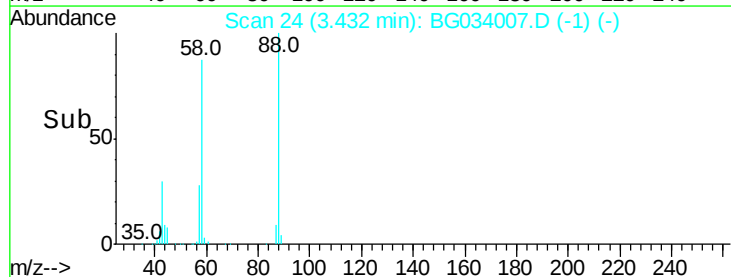
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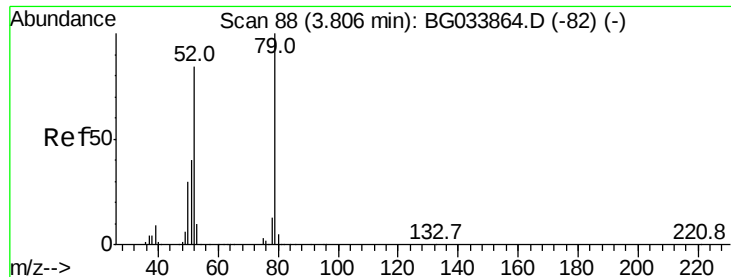
1,4-Dioxane
Concen: 33.559 ng
RT: 3.43 min Scan# 24
Delta R.T. 0.00 min
Lab File: BG034007.D
Acq: 26 Apr 2018 4:45

Tgt Ion: 88 Resp: 59578
Ion Ratio Lower Upper
88 100
58 85.5 79.6 119.4
43 36.7 27.4 41.0



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 31.137 ng

RT: 3.81 min Scan# 88

Delta R.T. 0.00 min

Lab File: BG034007.D

Acq: 26 Apr 2018 4:45

Instrument :

BNA_G

ClientSampleId :

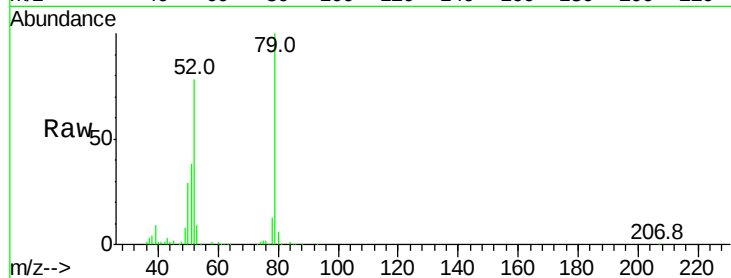
Tot Ion: 79 Resp: 159936

Ion Ratio Lower Upper

79 100

52 77.6 69.9 104.9

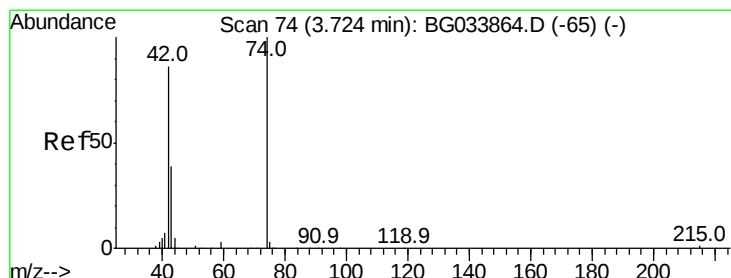
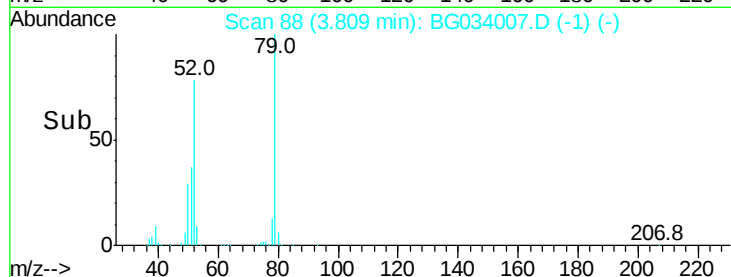
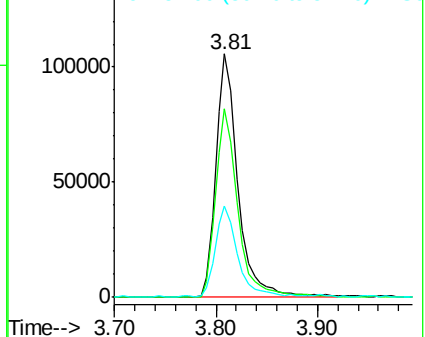
51 37.6 34.0 51.0



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: 43.691 ng

RT: 3.72 min Scan# 73

Delta R.T. -0.00 min

Lab File: BG034007.D

Acq: 26 Apr 2018 4:45

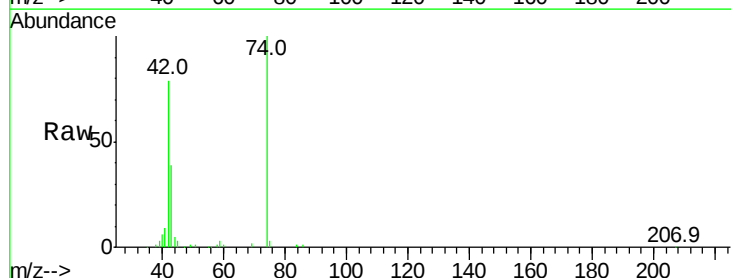
Tgt Ion: 42 Resp: 102243

Ion Ratio Lower Upper

42 100

74 125.9 102.5 153.7

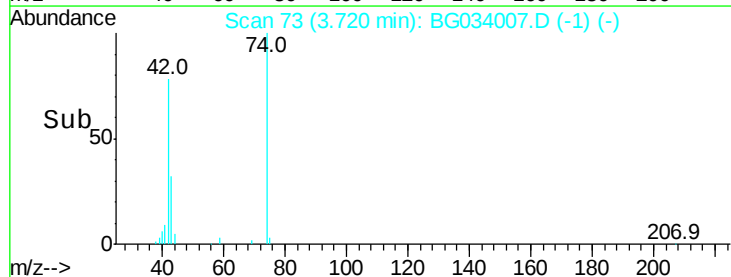
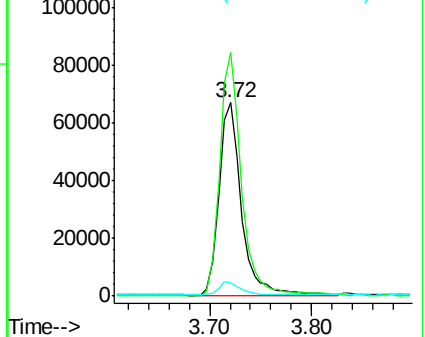
44 6.8 18.9 28.3#

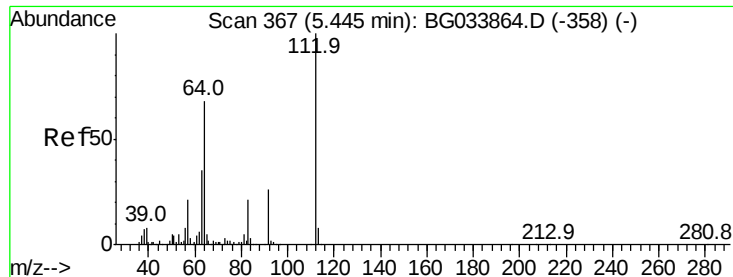


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 141.339 ng

RT: 5.44 min Scan# 366

Delta R.T. -0.00 min

Lab File: BG034007.D

Acq: 26 Apr 2018 4:45

Instrument :

BNA_G

ClientSampleId :

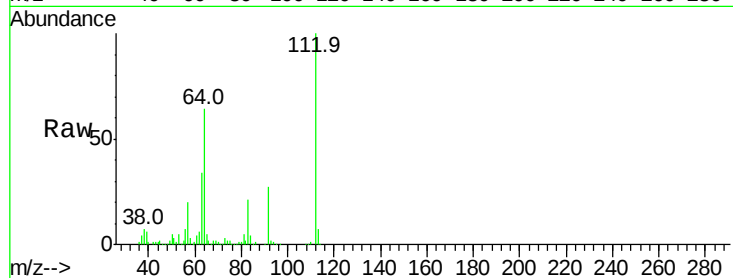
Tot Ion:112 Resp: 593816

Ion Ratio Lower Upper

112 100

64 64.0 56.3 84.5

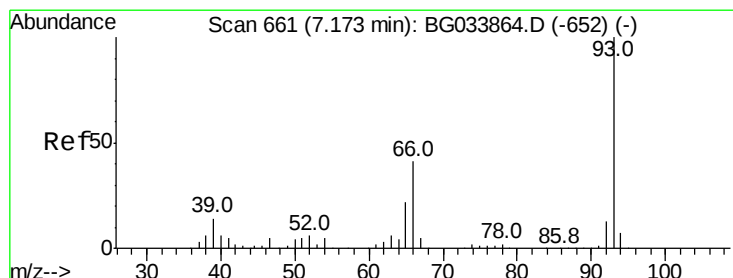
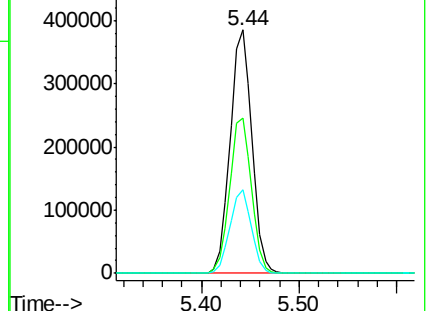
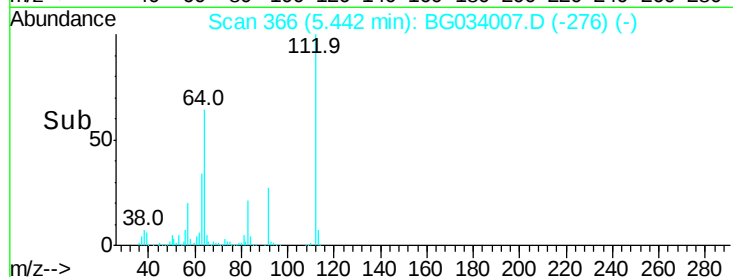
63 34.5 30.1 45.1



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: 24.563 ng

RT: 7.16 min Scan# 659

Delta R.T. -0.01 min

Lab File: BG034007.D

Acq: 26 Apr 2018 4:45

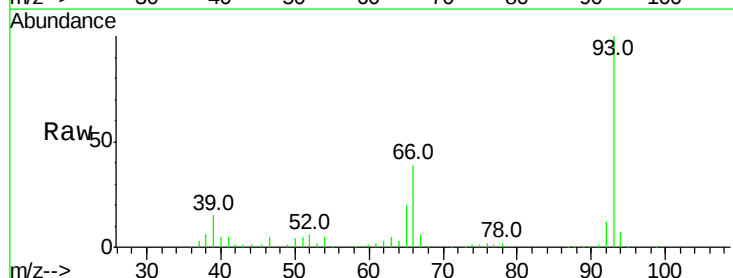
Tgt Ion: 93 Resp: 201204

Ion Ratio Lower Upper

93 100

66 39.3 33.7 50.5

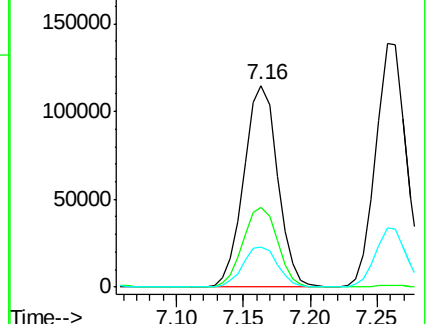
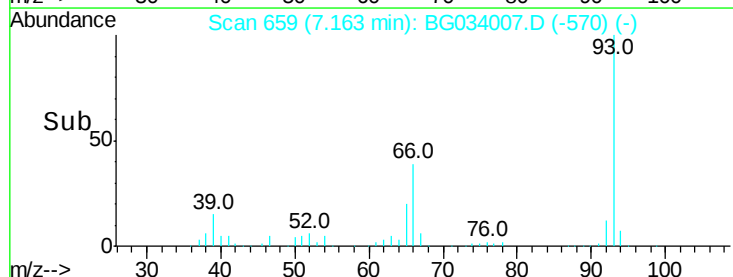
65 20.0 16.1 24.1

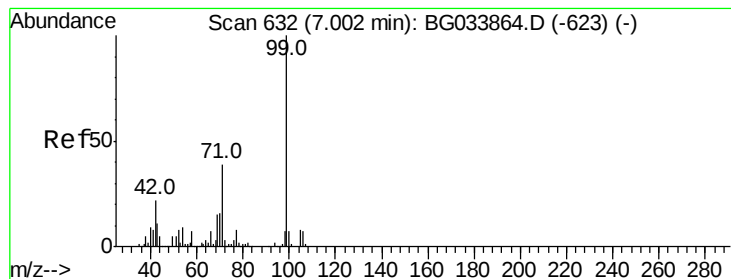


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 124.960 ng

RT: 7.00 min Scan# 632

Delta R.T. 0.00 min

Lab File: BG034007.D

Acq: 26 Apr 2018 4:45

Instrument :

BNA_G

ClientSampled :

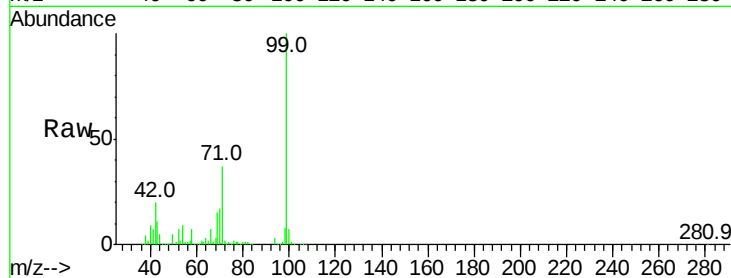
Tot Ion: 99 Resp: 765742

Ion Ratio Lower Upper

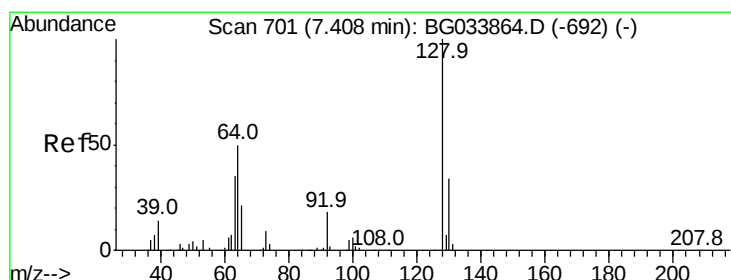
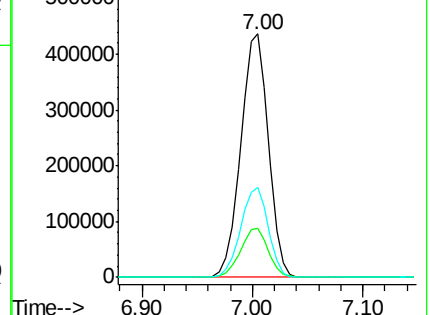
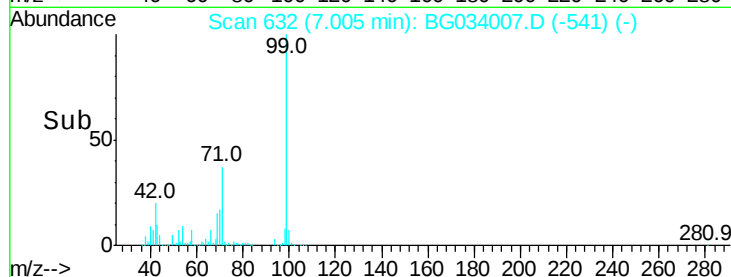
99 100

42 20.3 14.1 21.1

71 37.1 26.1 39.1



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



#8

2-Chlorophenol

Concen: 49.918 ng

RT: 7.40 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG034007.D

Acq: 26 Apr 2018 4:45

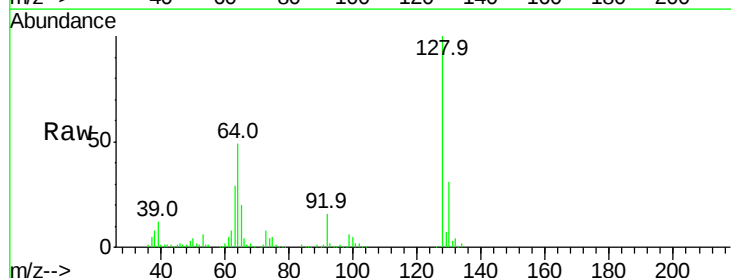
Tgt Ion:128 Resp: 234997

Ion Ratio Lower Upper

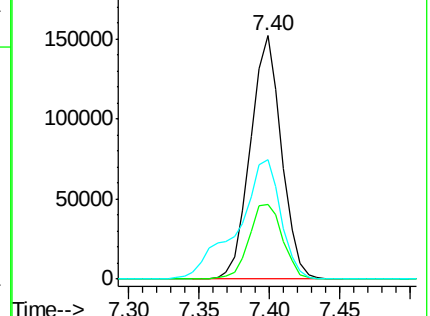
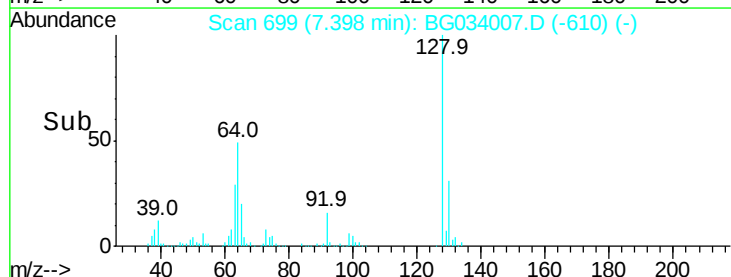
128 100

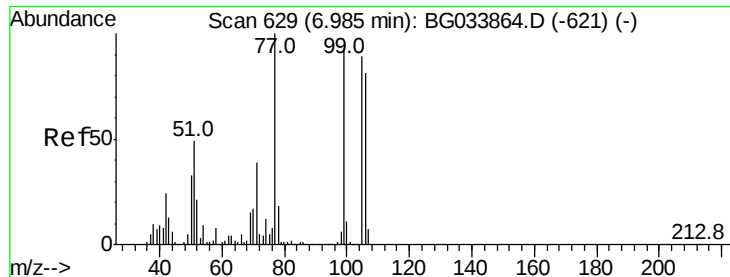
130 30.8 14.0 54.0

64 48.8 37.7 77.7



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





#9

Benzaldehyde

Concen: 25.066 ng

RT: 6.98 min Scan# 627

Delta R.T. -0.01 min

Lab File: BG034007.D

Acq: 26 Apr 2018 4:45

Instrument :

BNA_G

ClientSampleId :

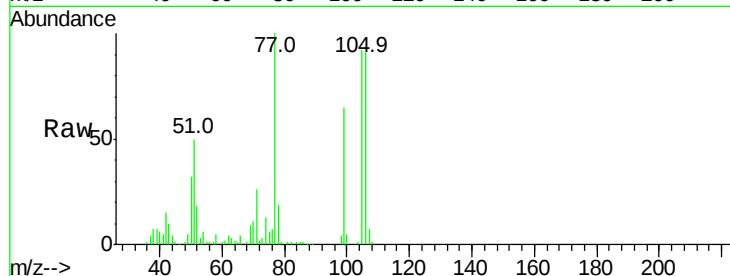
Tot Ion: 77 Resp: 90531

Ion Ratio Lower Upper

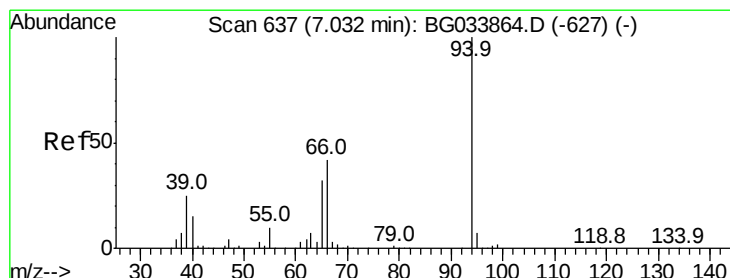
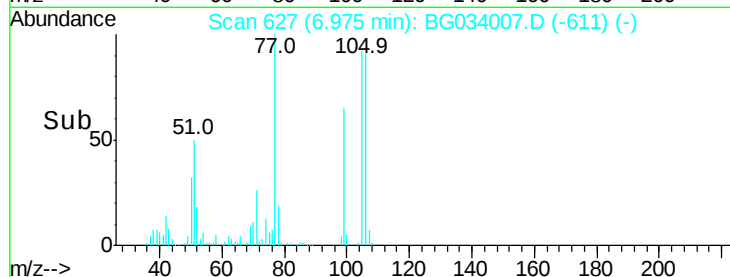
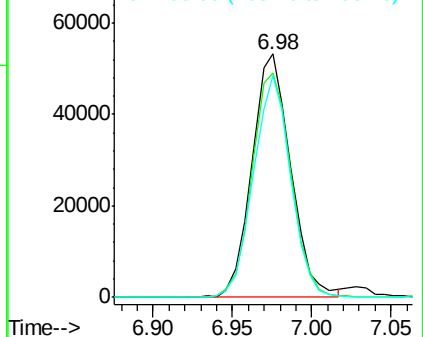
77 100

105 92.1 71.3 111.3

106 90.9 64.2 104.2



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



#10

Phenol

Concen: 42.860 ng

RT: 7.03 min Scan# 636

Delta R.T. -0.00 min

Lab File: BG034007.D

Acq: 26 Apr 2018 4:45

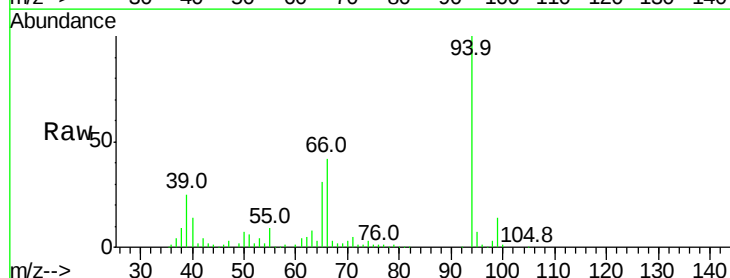
Tgt Ion: 94 Resp: 269059

Ion Ratio Lower Upper

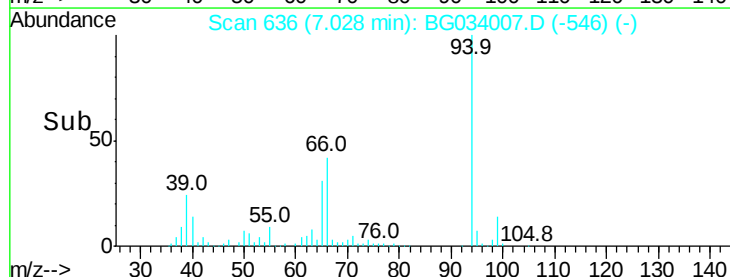
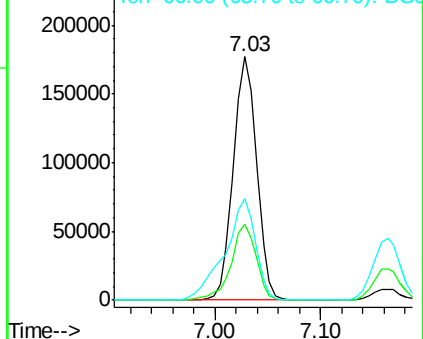
94 100

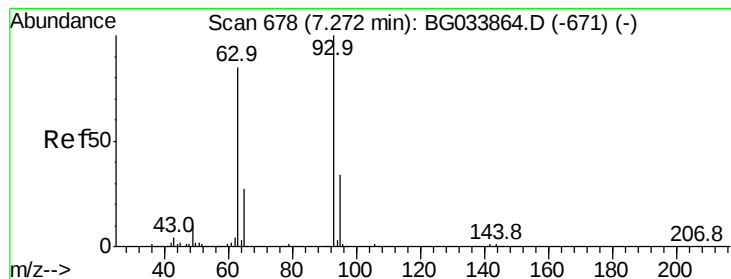
65 31.4 11.9 51.9

66 41.6 22.2 62.2



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





#11

bis(2-Chloroethyl)ether

Concen: 45.370 ng

RT: 7.26 min Scan# 675

Delta R.T. -0.02 min

Lab File: BG034007.D

Acq: 26 Apr 2018 4:45

Instrument :

BNA_G

ClientSampleId :

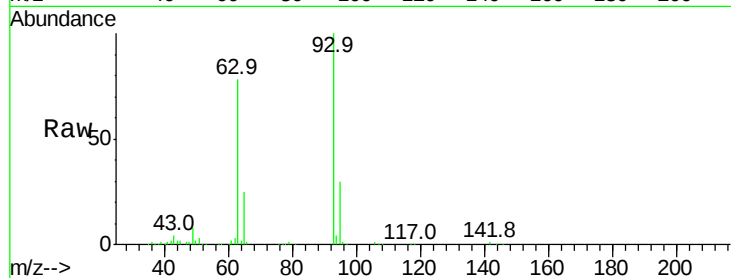
Tot Ion: 93 Resp: 217837

Ion Ratio Lower Upper

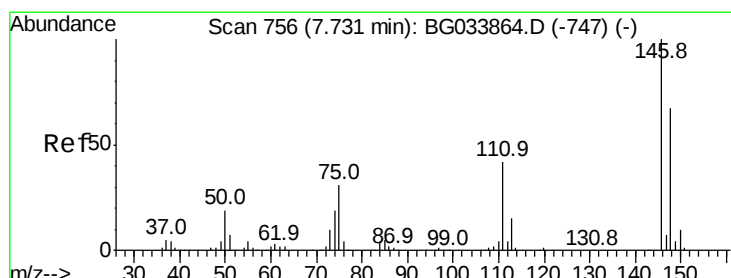
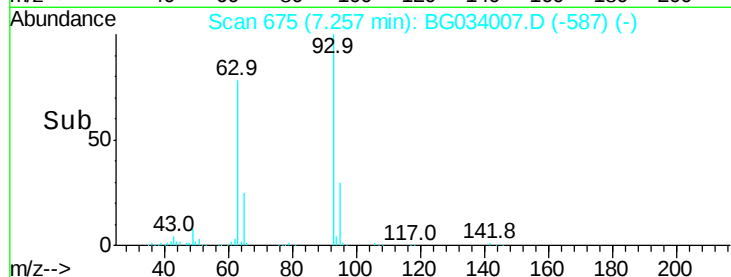
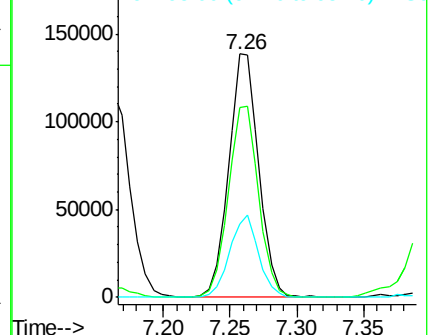
93 100

63 77.9 67.1 107.1

95 30.3 11.5 51.5



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 42.313 ng

RT: 7.72 min Scan# 753

Delta R.T. -0.02 min

Lab File: BG034007.D

Acq: 26 Apr 2018 4:45

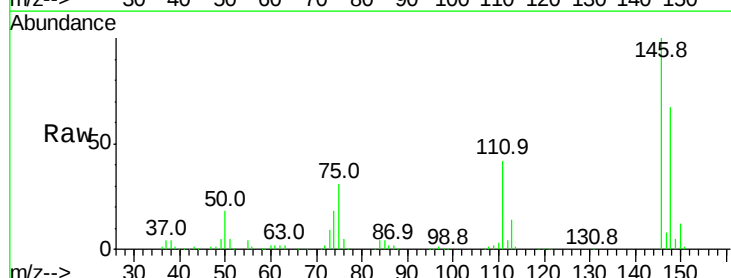
Tgt Ion: 146 Resp: 229305

Ion Ratio Lower Upper

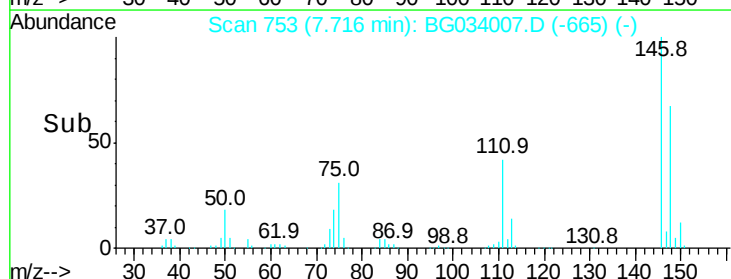
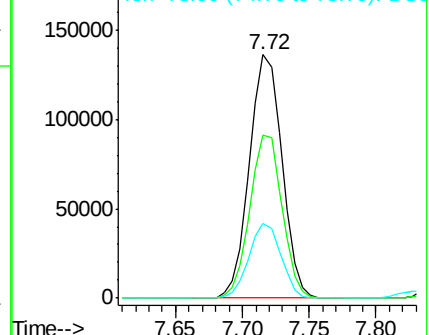
146 100

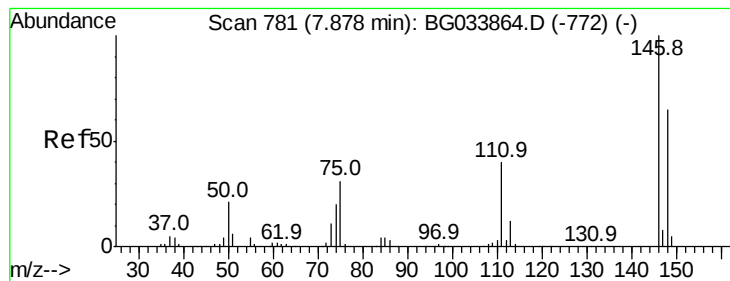
148 67.2 51.4 77.2

75 30.8 26.6 39.8



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC





#13

1,4-Dichlorobenzene

Concen: 43.034 ng

RT: 7.86 min Scan# 778

Delta R.T. -0.02 min

Lab File: BG034007.D

Acq: 26 Apr 2018 4:45

Instrument :

BNA_G

ClientSampleId :

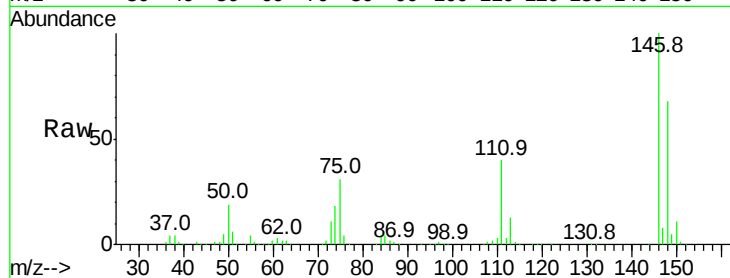
Tot Ion:146 Resp: 236208

Ion Ratio Lower Upper

146 100

148 67.8 53.7 80.5

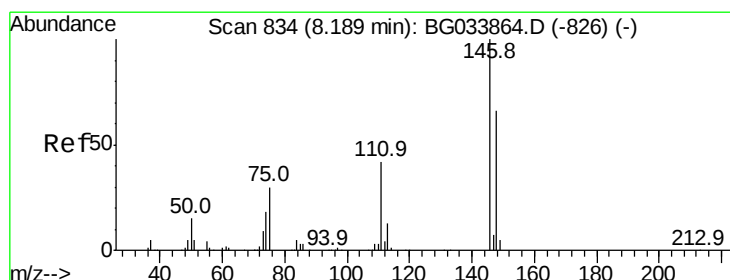
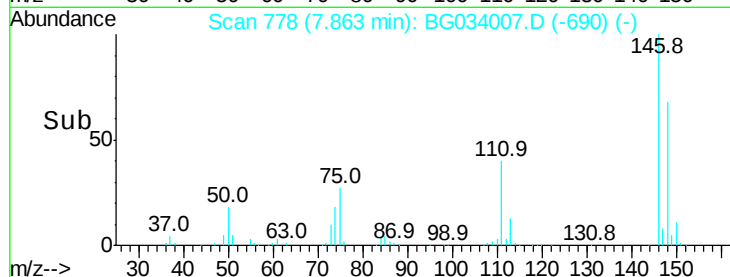
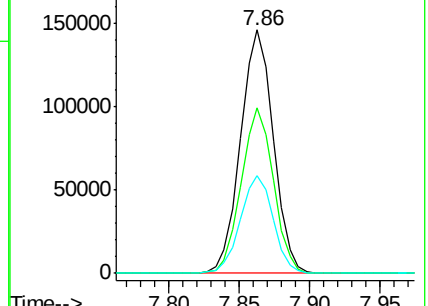
111 39.9 35.2 52.8



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: 42.917 ng

RT: 8.18 min Scan# 832

Delta R.T. -0.01 min

Lab File: BG034007.D

Acq: 26 Apr 2018 4:45

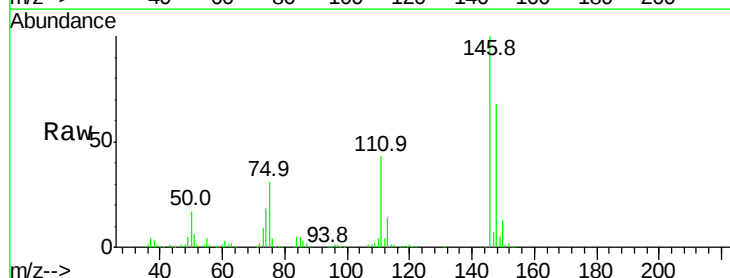
Tgt Ion:146 Resp: 229083

Ion Ratio Lower Upper

146 100

148 68.5 49.3 73.9

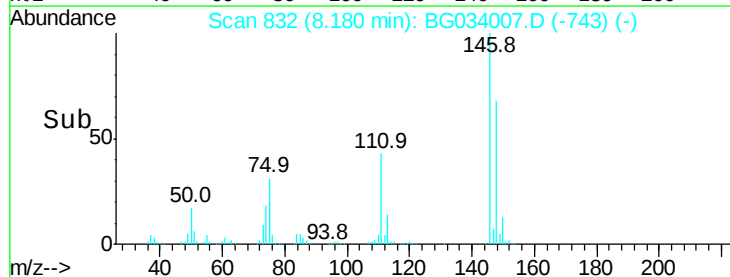
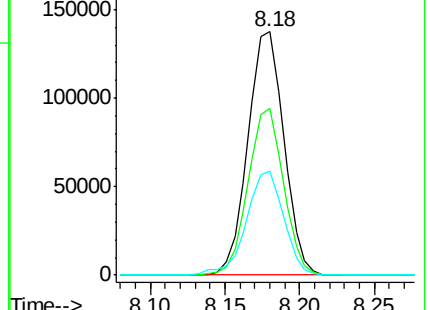
111 42.9 34.3 51.5

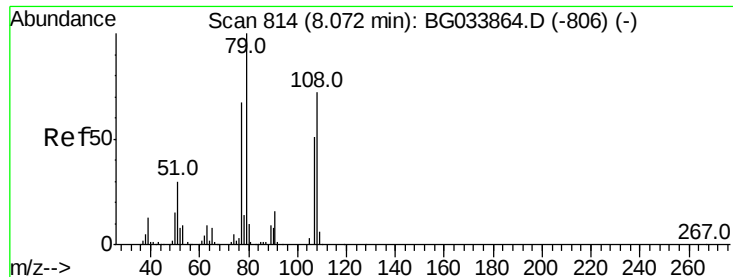


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 46.076 ng

RT: 8.06 min Scan# 812

Delta R.T. -0.01 min

Lab File: BG034007.D

Acq: 26 Apr 2018 4:45

Instrument :

BNA_G

ClientSampleId :

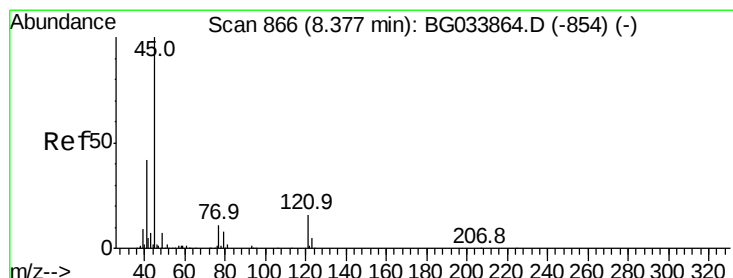
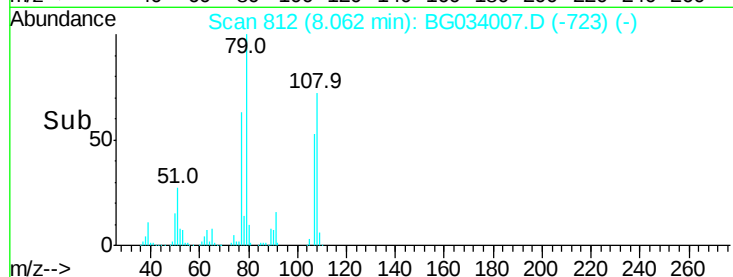
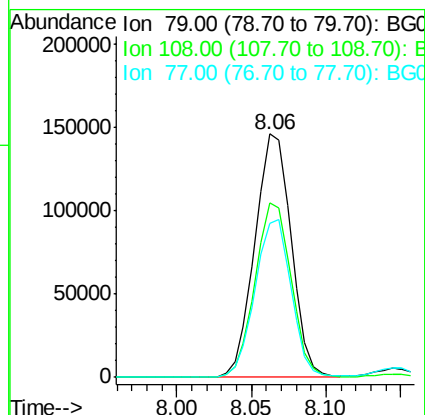
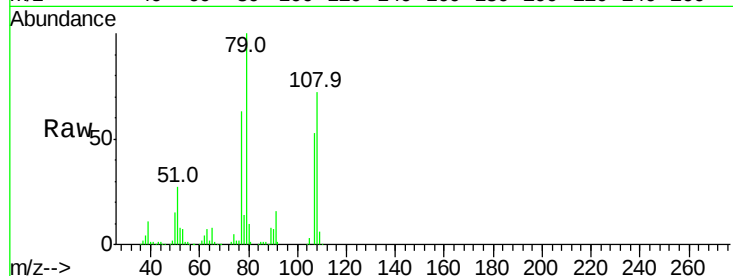
Tot Ion: 79 Resp: 246209

Ion Ratio Lower Upper

79 100

108 71.7 57.2 85.8

77 63.4 46.1 69.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.097 ng

RT: 8.36 min Scan# 862

Delta R.T. -0.02 min

Lab File: BG034007.D

Acq: 26 Apr 2018 4:45

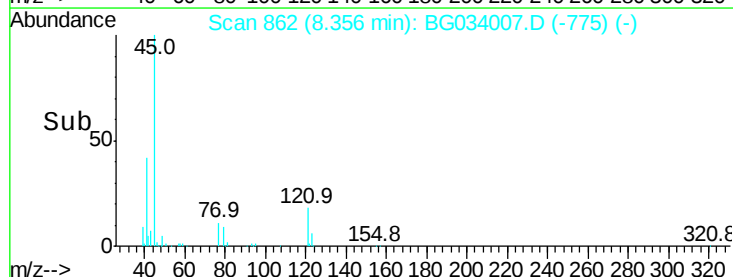
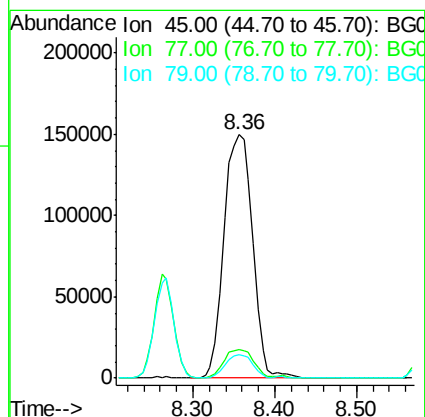
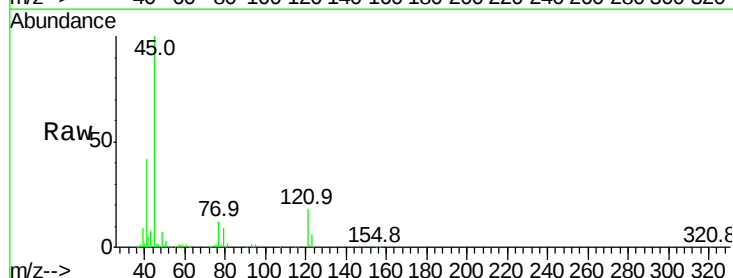
Tgt Ion: 45 Resp: 366121

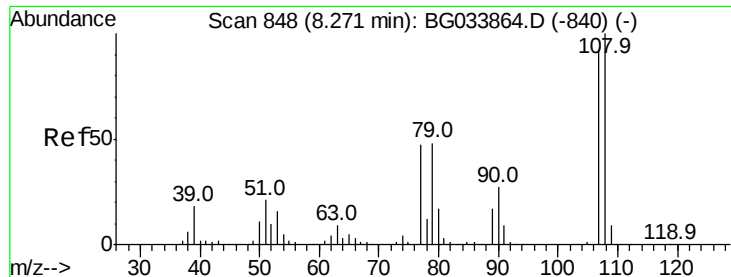
Ion Ratio Lower Upper

45 100

77 11.8 0.0 30.2

79 9.4 0.0 27.9

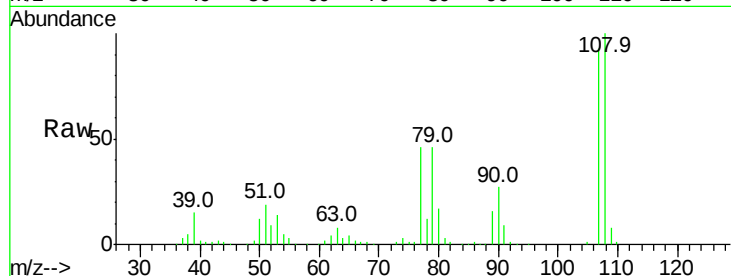




#17
2-Methylphenol
Concen: 44.772 ng
RT: 8.27 min Scan# 847
Delta R.T. -0.00 min
Lab File: BG034007.D
Acq: 26 Apr 2018 4:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	107.4	83.9	125.9
77	49.0	37.2	55.8
79	49.6	36.2	54.2



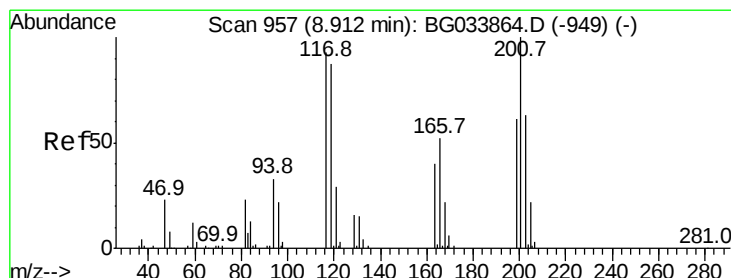
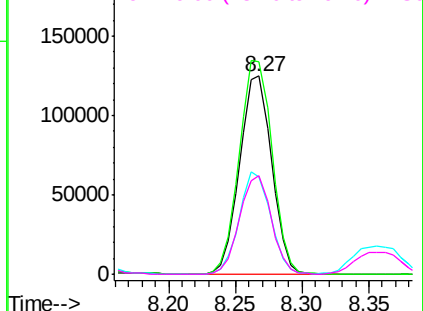
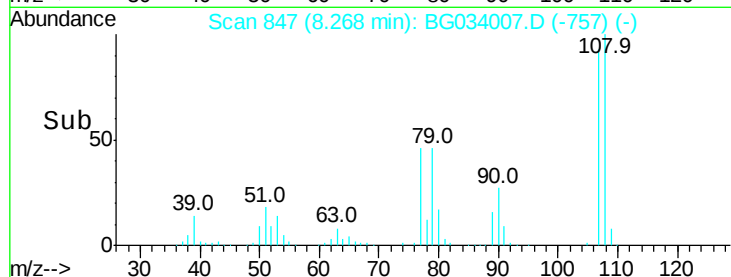
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

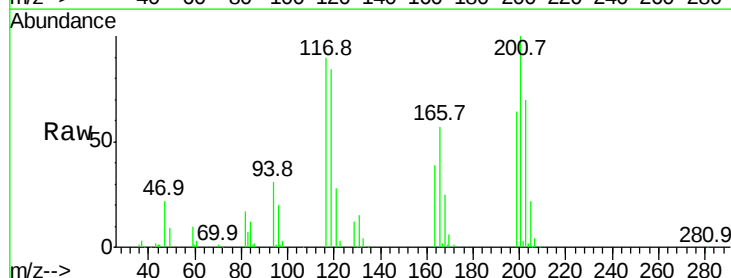
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 41.681 ng
RT: 8.90 min Scan# 954
Delta R.T. -0.02 min
Lab File: BG034007.D
Acq: 26 Apr 2018 4:45

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.3	76.7	115.1
201	114.0	95.7	143.5

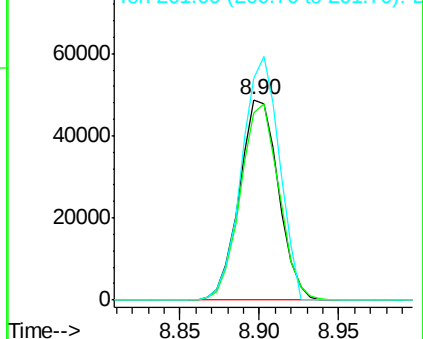
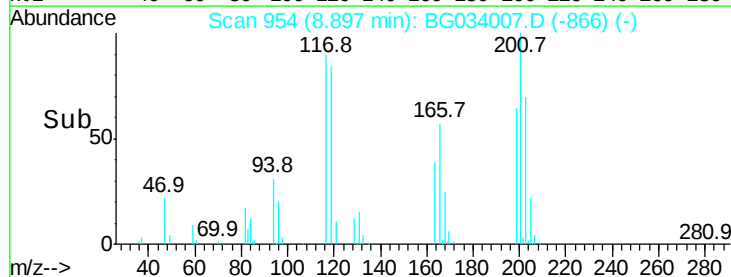


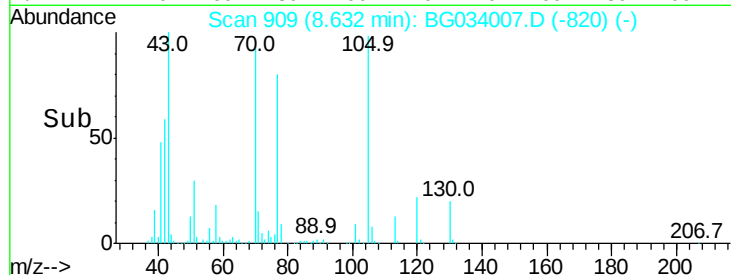
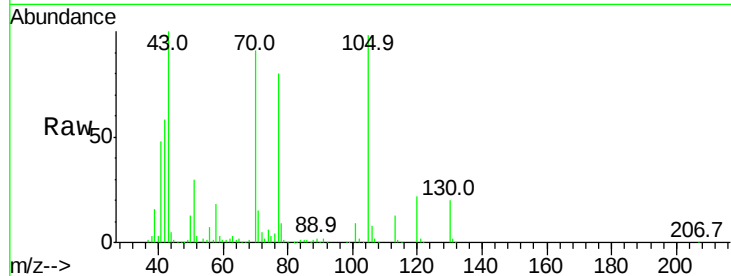
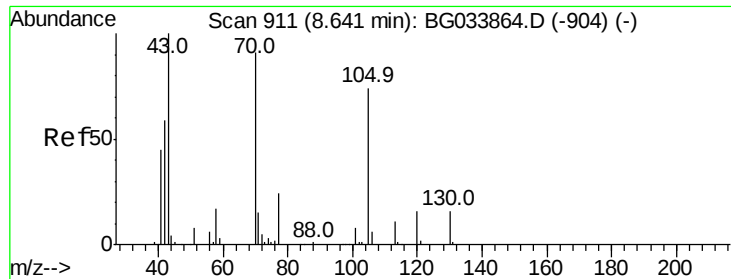
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

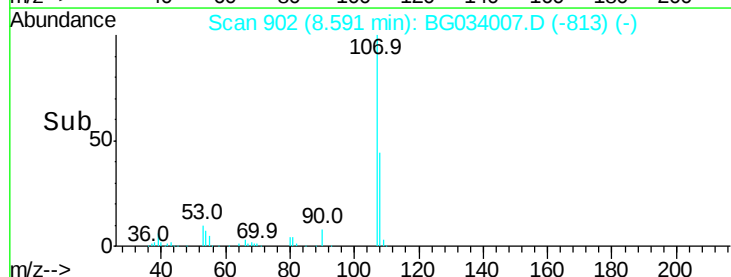
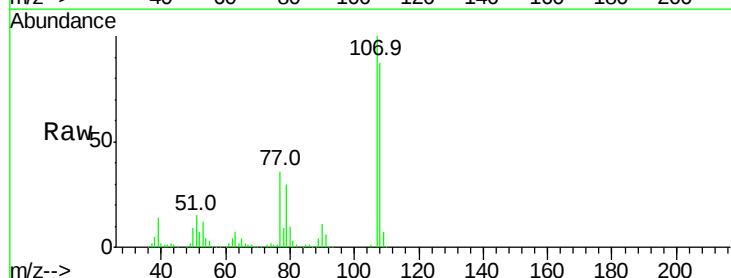
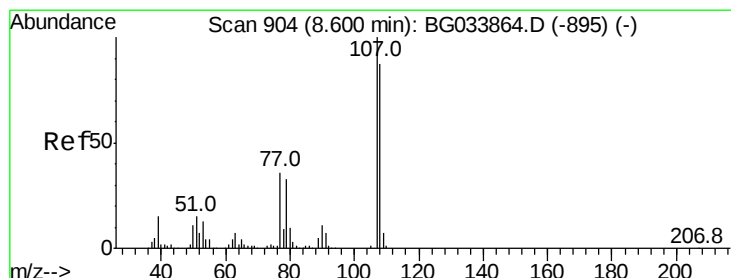
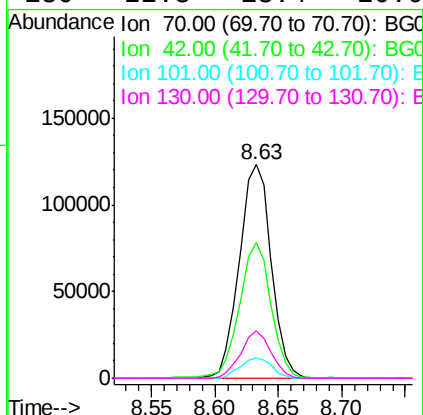




#19
n-Nitroso-di-n-propylamine
Concen: 41.127 ng
RT: 8.63 min Scan# 909
Delta R.T. -0.01 min
Lab File: BG034007.D
Acq: 26 Apr 2018 4:45

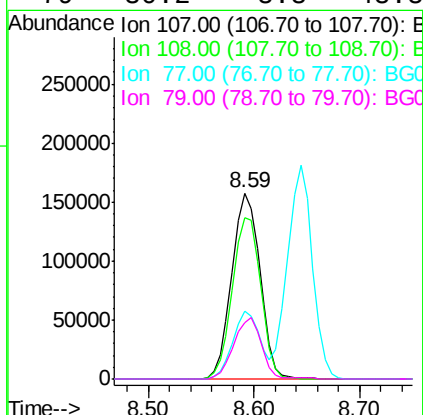
Instrument :
BNA_G
ClientSampleId :

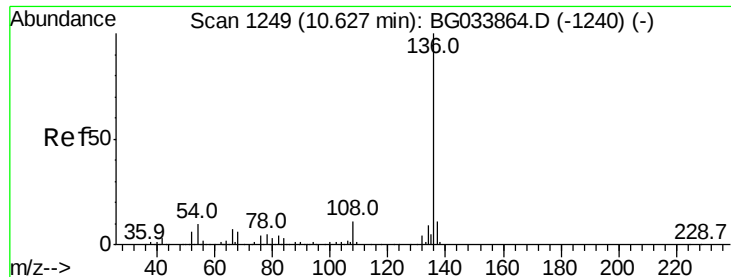
Tot Ion: 70 Resp: 214825
Ion Ratio Lower Upper
70 100
42 63.7 49.1 73.7
101 9.8 8.5 12.7
130 22.3 13.4 20.0#



#20
3+4-Methylphenols
Concen: 43.212 ng
RT: 8.59 min Scan# 902
Delta R.T. -0.01 min
Lab File: BG034007.D
Acq: 26 Apr 2018 4:45

Tgt Ion:107 Resp: 292093
Ion Ratio Lower Upper
107 100
108 87.2 61.6 101.6
77 36.3 13.9 53.9
79 30.2 8.8 48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.61 min Scan# 1246

Delta R.T. -0.02 min

Lab File: BG034007.D

Acq: 26 Apr 2018 4:45

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 325329

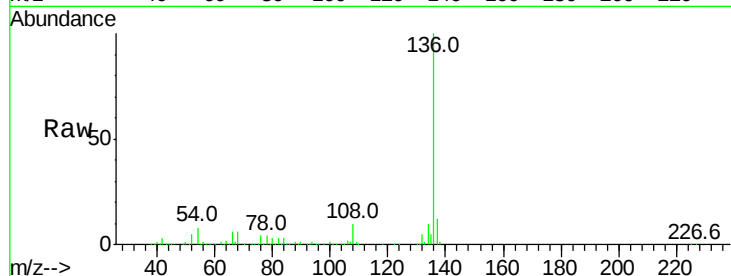
Ion Ratio Lower Upper

136 100

137 11.8 9.2 13.8

54 7.9 10.3 15.5#

68 5.9 4.5 6.7

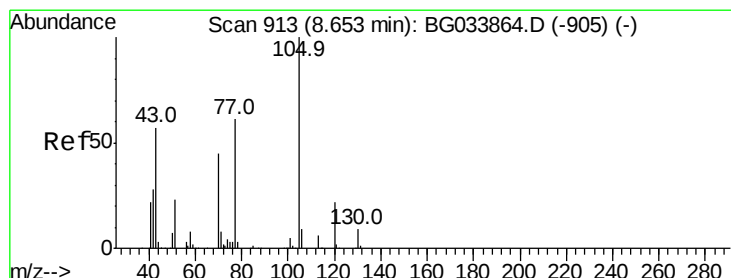
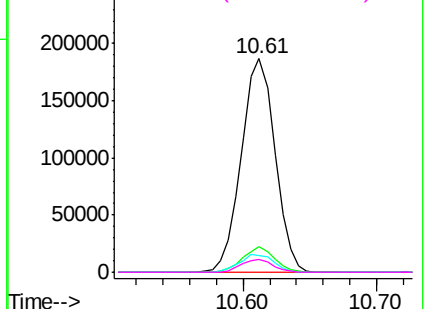
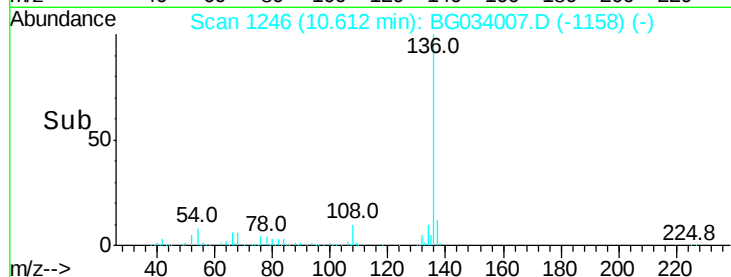


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.451 ng

RT: 8.64 min Scan# 911

Delta R.T. -0.01 min

Lab File: BG034007.D

Acq: 26 Apr 2018 4:45

Tgt Ion:105 Resp: 375885

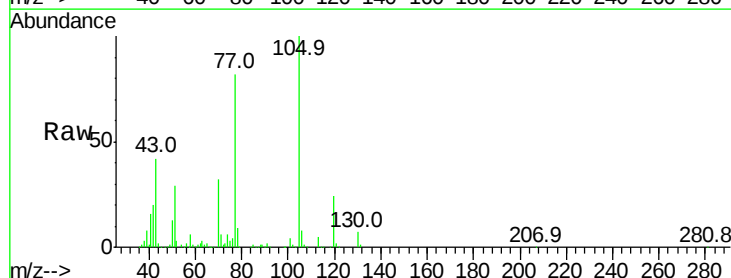
Ion Ratio Lower Upper

105 100

71 5.5 3.0 4.4#

51 29.1 26.1 39.1

120 23.7 17.4 26.2

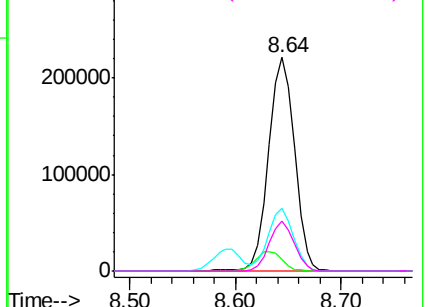
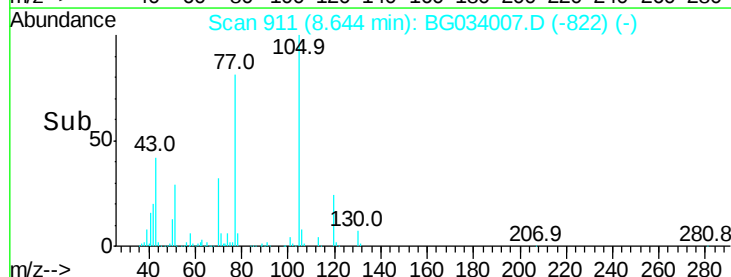


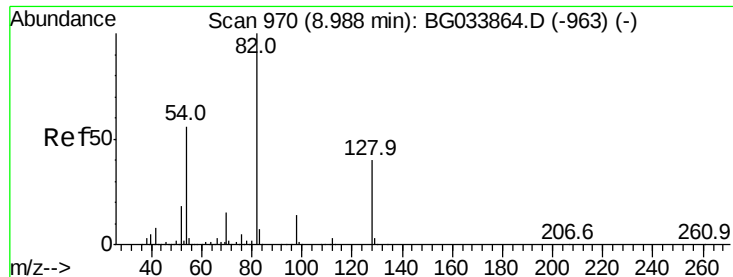
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

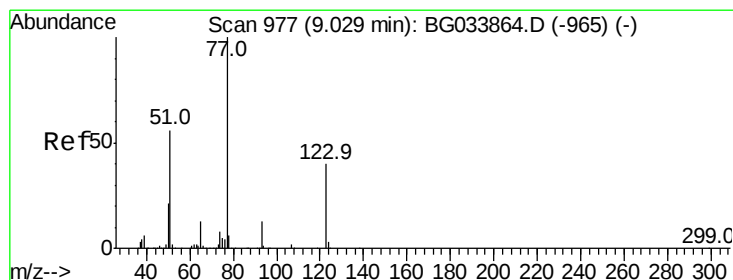
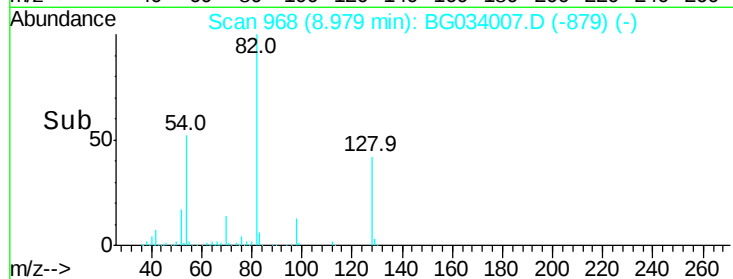
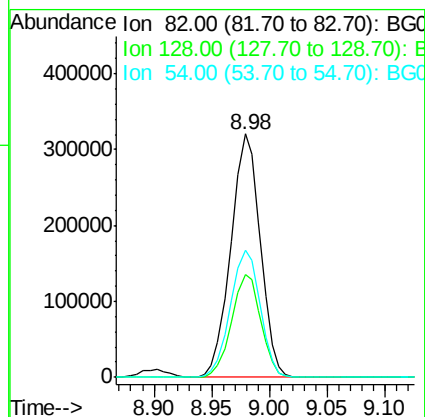
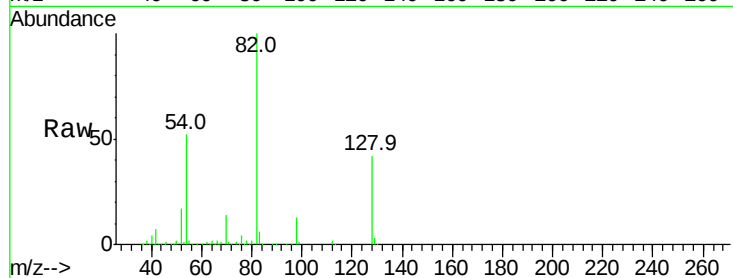




#23
 Nitrobenzene-d5
 Concen: 99.149 ng
 RT: 8.98 min Scan# 968
 Delta R.T. -0.01 min
 Lab File: BG034007.D
 Acq: 26 Apr 2018 4:45

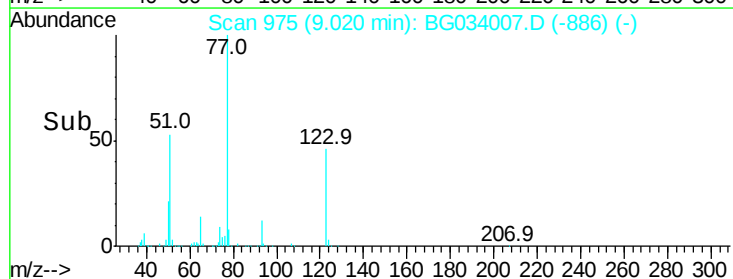
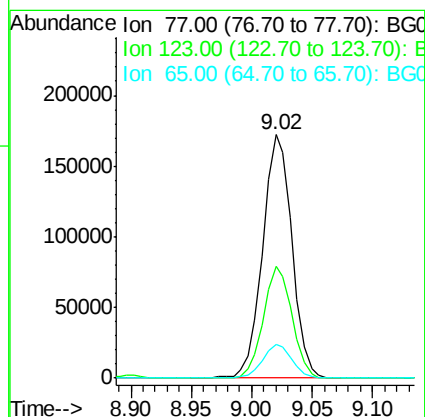
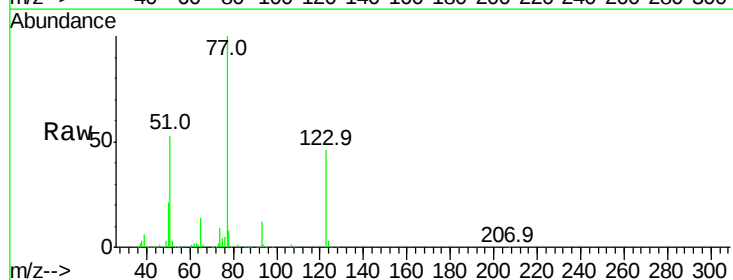
Instrument :
 BNA_G
 ClientSampleId :

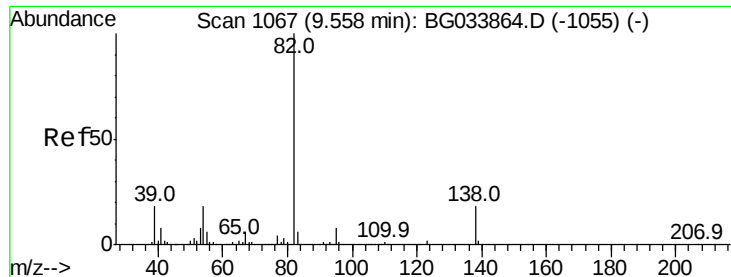
Tot Ion: 82 Resp: 566794
 Ion Ratio Lower Upper
 82 100
 128 42.1 29.7 44.5
 54 52.2 43.1 64.7



#24
 Nitrobenzene
 Concen: 46.757 ng
 RT: 9.02 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: BG034007.D
 Acq: 26 Apr 2018 4:45

Tgt Ion: 77 Resp: 291265
 Ion Ratio Lower Upper
 77 100
 123 46.0 33.0 49.6
 65 13.9 13.0 19.6





#25

Isophorone

Concen: 44.898 ng

RT: 9.54 min Scan# 1064

Delta R.T. -0.02 min

Lab File: BG034007.D

Acq: 26 Apr 2018 4:45

Instrument :

BNA_G

ClientSampleId :

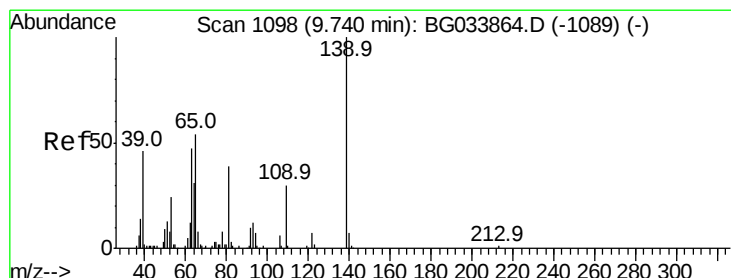
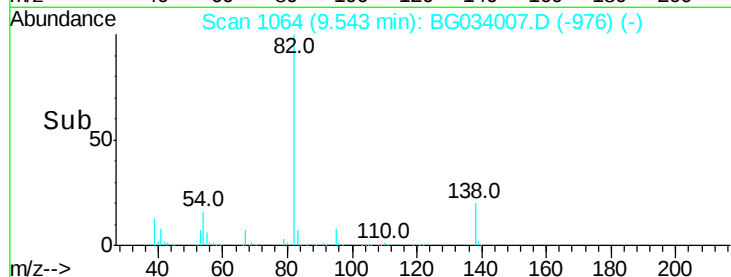
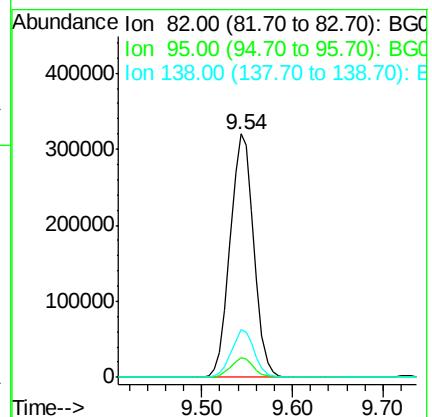
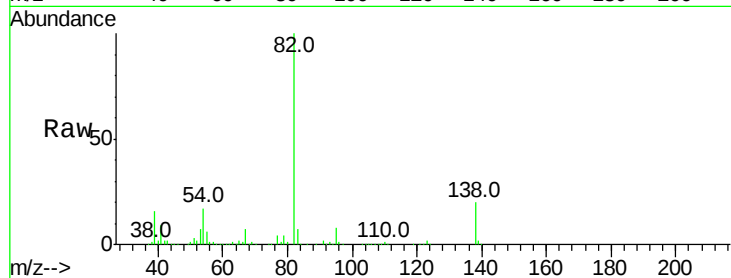
Tot Ion: 82 Resp: 577055

Ion Ratio Lower Upper

82 100

95 7.9 6.2 9.2

138 19.9 12.1 18.1#



#26

2-Nitrophenol

Concen: 58.214 ng

RT: 9.73 min Scan# 1095

Delta R.T. -0.02 min

Lab File: BG034007.D

Acq: 26 Apr 2018 4:45

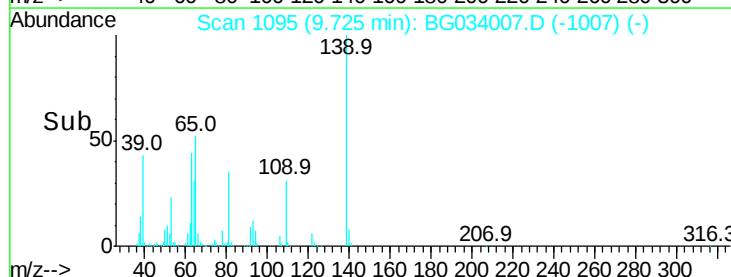
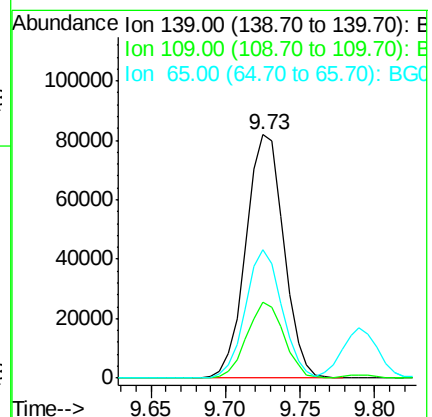
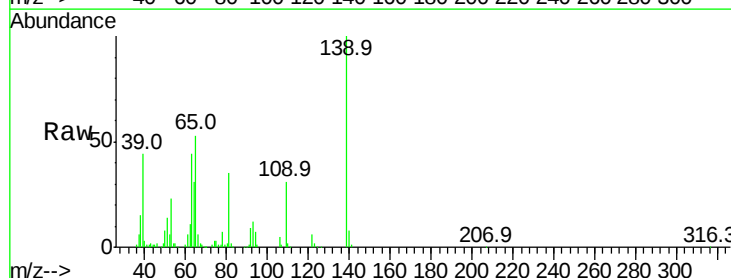
Tgt Ion: 139 Resp: 143287

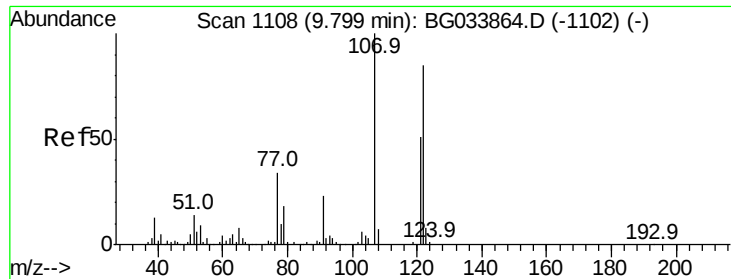
Ion Ratio Lower Upper

139 100

109 31.2 24.2 36.2

65 52.9 47.4 71.0





#27

2,4-Dimethylphenol

Concen: 54.866 ng

RT: 9.79 min Scan# 1106

Delta R.T. -0.01 min

Lab File: BG034007.D

Acq: 26 Apr 2018 4:45

Instrument :

BNA_G

ClientSampled :

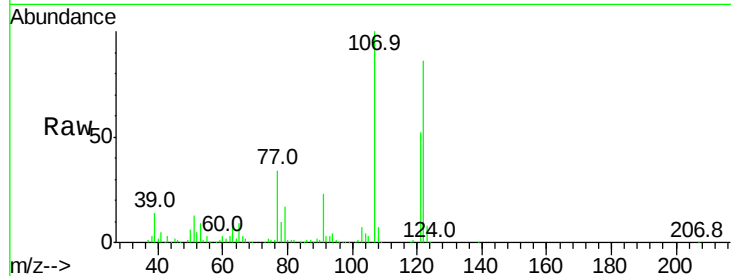
Tot Ion:122 Resp: 252594

Ion Ratio Lower Upper

122 100

107 116.9 100.2 150.2

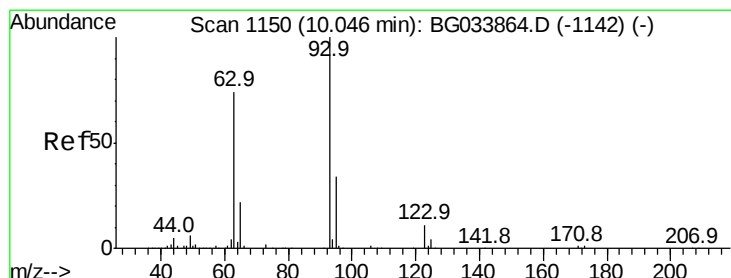
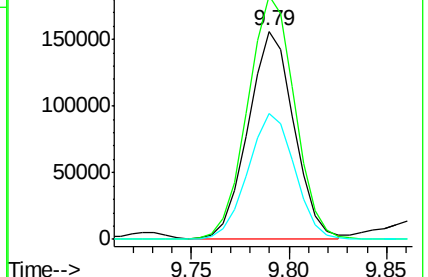
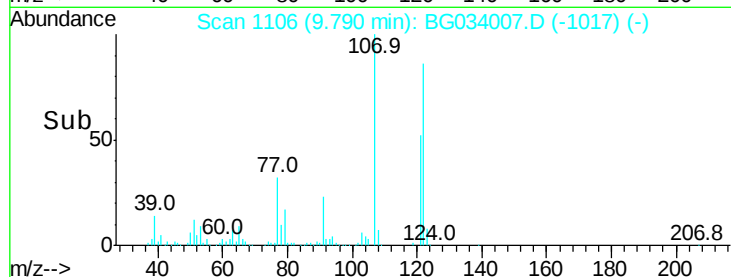
121 60.7 44.4 66.6



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: 48.848 ng

RT: 10.03 min Scan# 1147

Delta R.T. -0.02 min

Lab File: BG034007.D

Acq: 26 Apr 2018 4:45

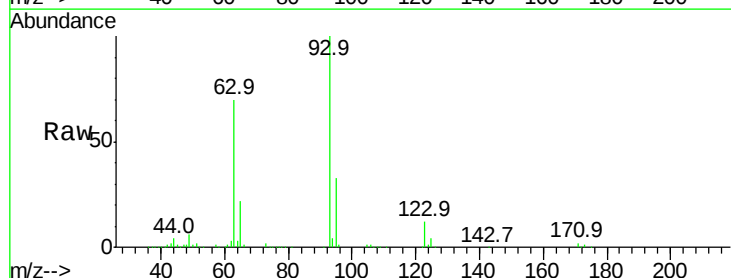
Tgt Ion: 93 Resp: 331800

Ion Ratio Lower Upper

93 100

95 33.4 24.3 36.5

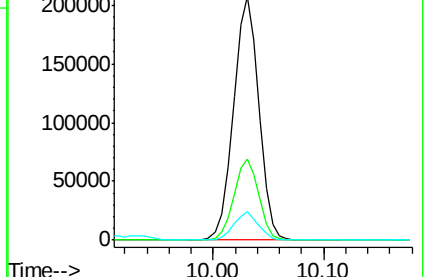
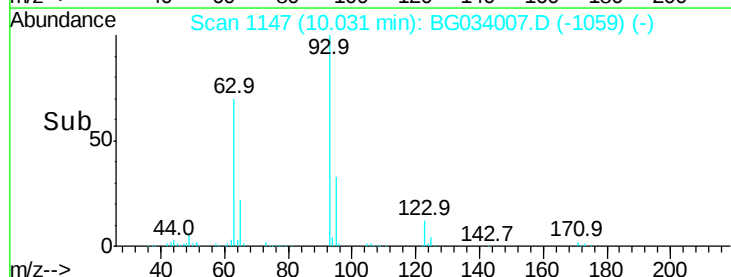
123 11.6 8.4 12.6

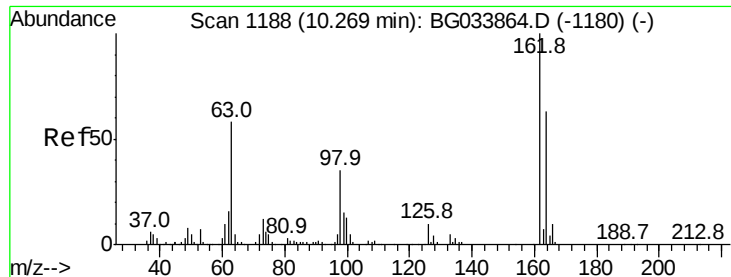


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): BGC





#29

2,4-Dichlorophenol

Concen: 55.010 ng

RT: 10.26 min Scan# 1186

Delta R.T. -0.01 min

Lab File: BG034007.D

Acq: 26 Apr 2018 4:45

Instrument :

BNA_G

ClientSampleId :

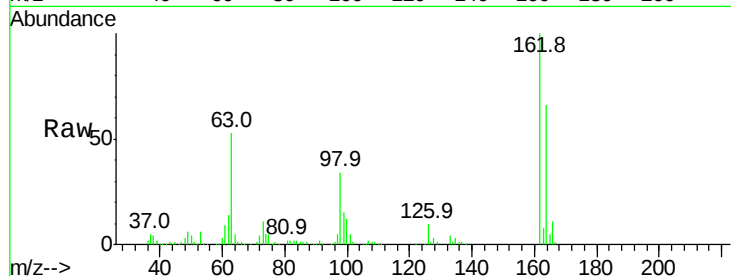
Tot Ion:162 Resp: 282325

Ion Ratio Lower Upper

162 100

164 65.7 48.0 88.0

98 34.2 21.1 61.1

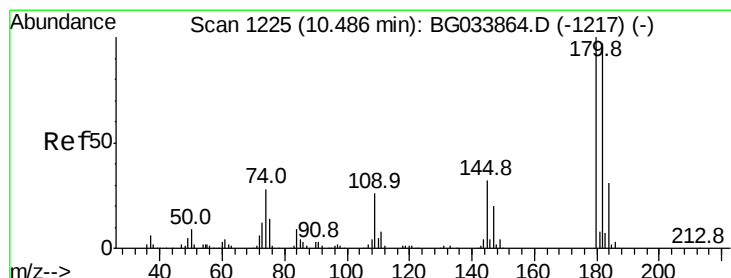
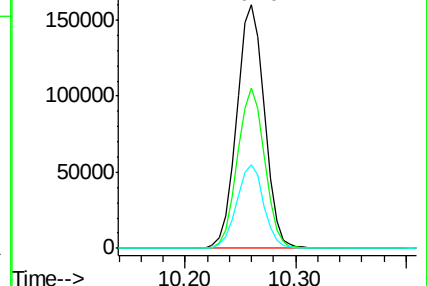
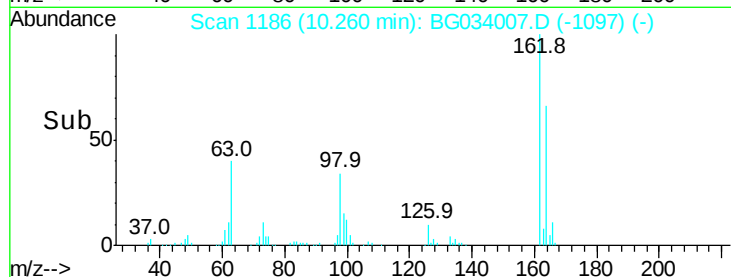


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B

Time-->



#30

1,2,4-Trichlorobenzene

Concen: 46.135 ng

RT: 10.48 min Scan# 1223

Delta R.T. -0.01 min

Lab File: BG034007.D

Acq: 26 Apr 2018 4:45

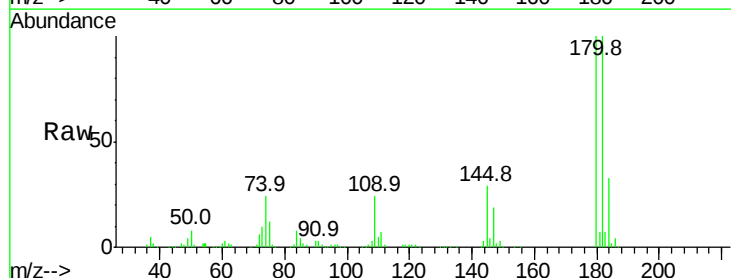
Tgt Ion:180 Resp: 265196

Ion Ratio Lower Upper

180 100

182 100.1 77.5 116.3

145 29.0 23.4 35.2

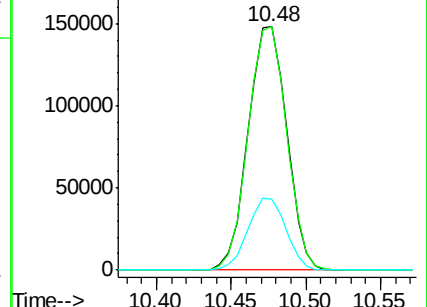
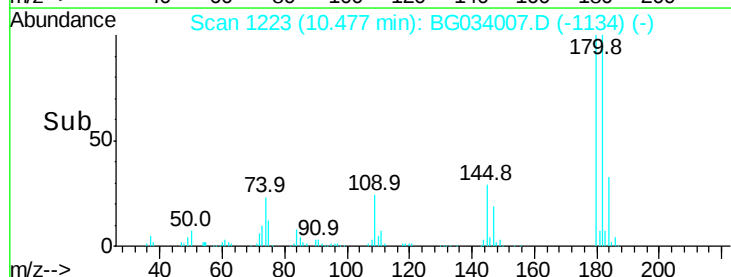


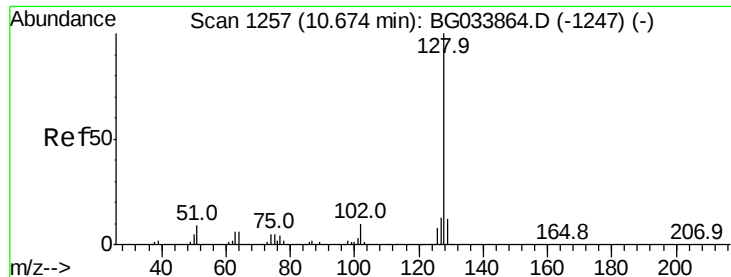
Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

Time-->

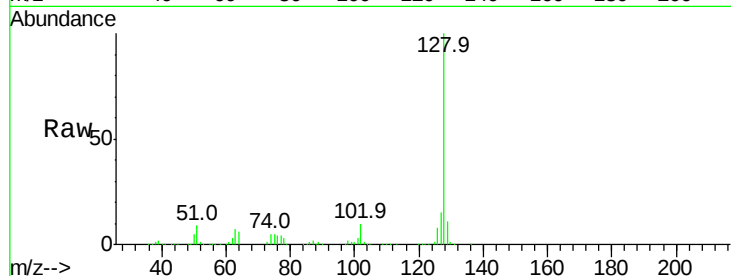




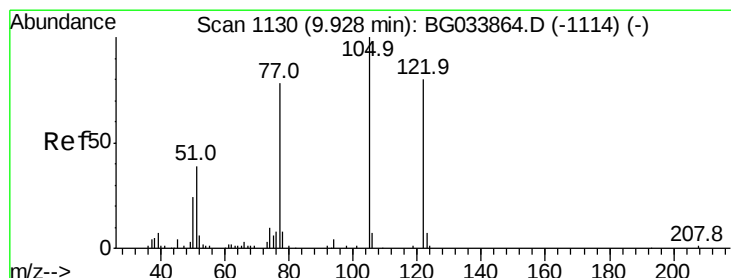
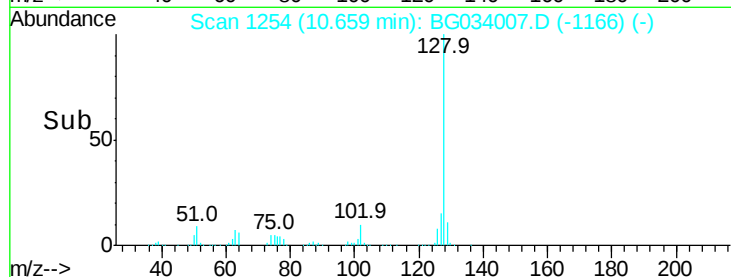
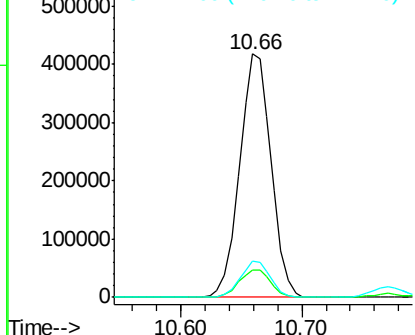
#31
Naphthalene
Concen: 45.093 ng
RT: 10.66 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BG034007.D
Acq: 26 Apr 2018 4:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 754391
Ion Ratio Lower Upper
128 100
129 11.4 8.6 12.8
127 14.8 11.6 17.4

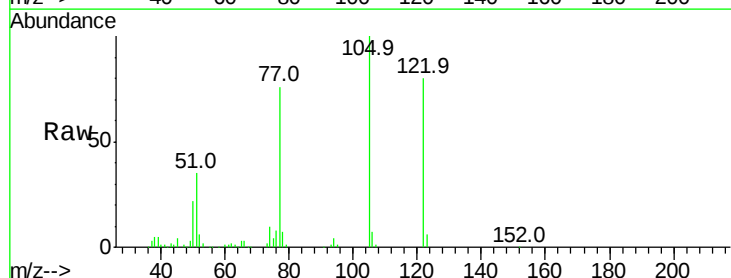


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

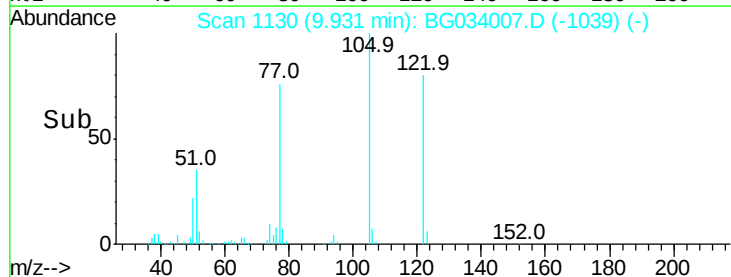
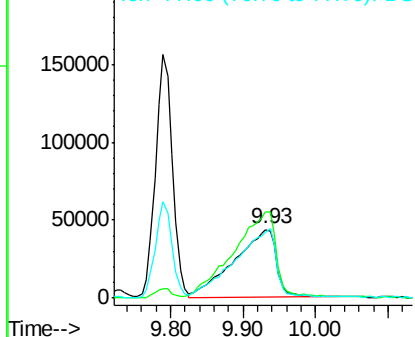


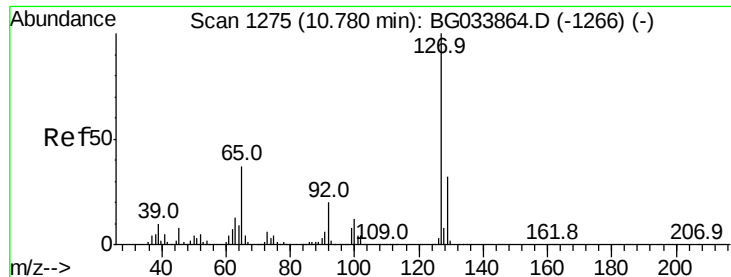
#32
Benzoic acid
Concen: 39.405 ng
RT: 9.93 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BG034007.D
Acq: 26 Apr 2018 4:45

Tgt Ion:122 Resp: 176141
Ion Ratio Lower Upper
122 100
105 125.4 123.5 163.5
77 95.6 85.7 125.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

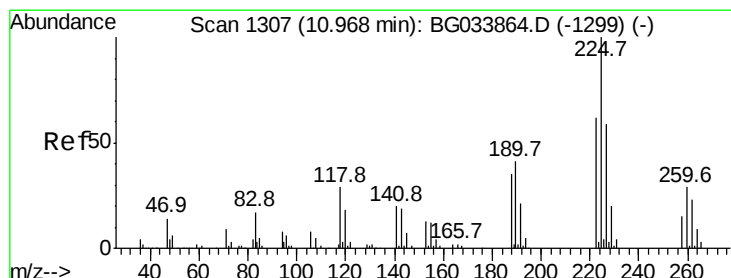
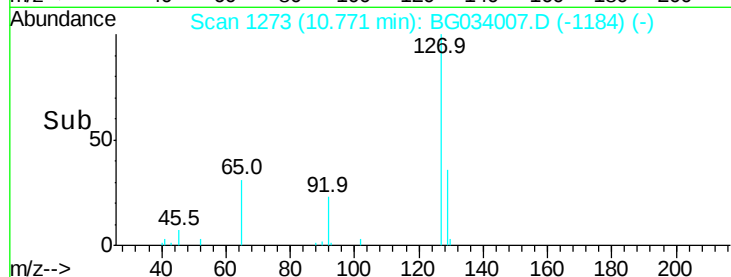
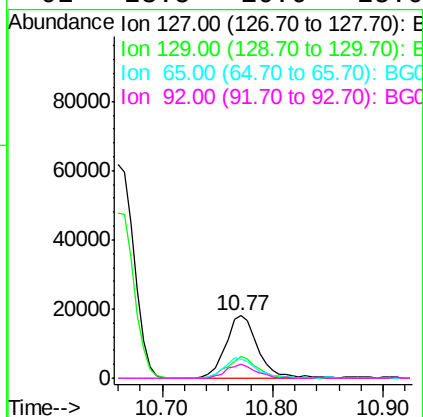
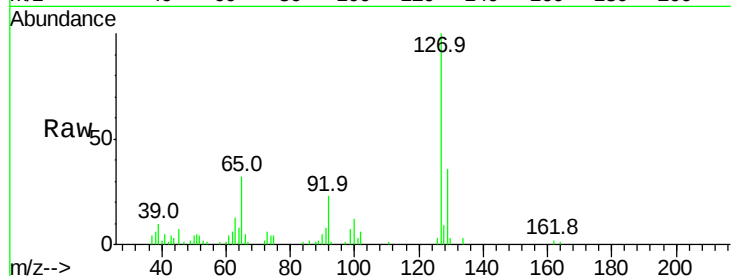




#33
4-Chloroaniline
Concen: 4.714 ng
RT: 10.77 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BG034007.D
Acq: 26 Apr 2018 4:45

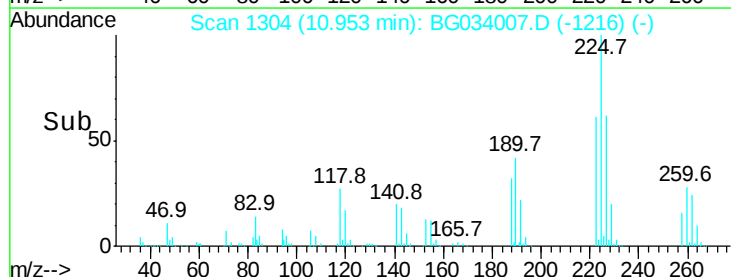
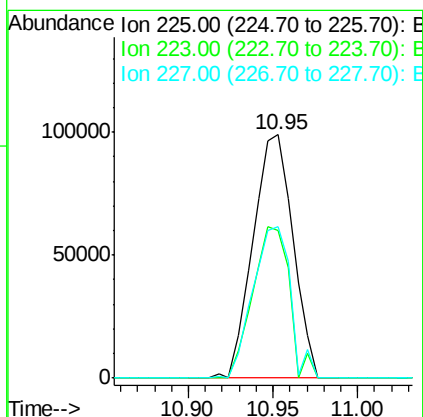
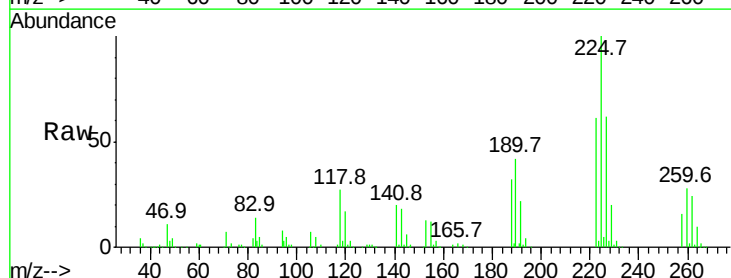
Instrument :
BNA_G
ClientSampled :

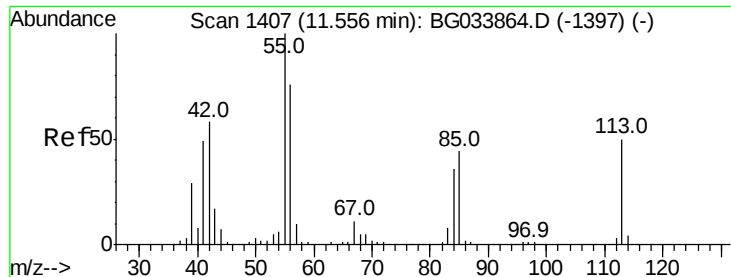
Tot Ion:	127	Resp:	37066
Ion	Ratio	Lower	Upper
127	100		
129	35.8	24.0	36.0
65	31.7	27.0	40.4
92	23.5	16.6	25.0



#34
Hexachlorobutadiene
Concen: 47.334 ng
RT: 10.95 min Scan# 1304
Delta R.T. -0.02 min
Lab File: BG034007.D
Acq: 26 Apr 2018 4:45

Tgt Ion:	225	Resp:	162770
Ion	Ratio	Lower	Upper
225	100		
223	61.4	49.7	74.5
227	62.1	48.1	72.1





#35

Caprolactam

Concen: 22.069 ng

RT: 11.56 min Scan# 1407

Delta R.T. 0.00 min

Lab File: BG034007.D

Acq: 26 Apr 2018 4:45

Instrument :

BNA_G

ClientSampleId :

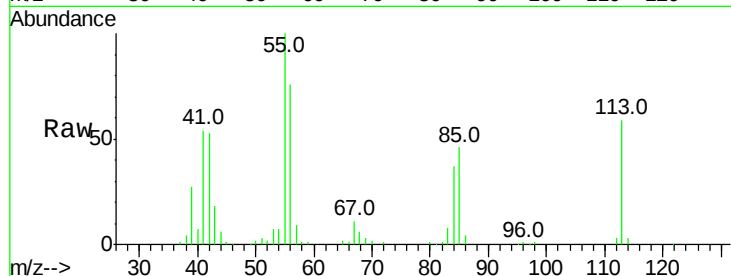
Tot Ion:113 Resp: 48156

Ion Ratio Lower Upper

113 100

55 170.3 186.9 226.9#

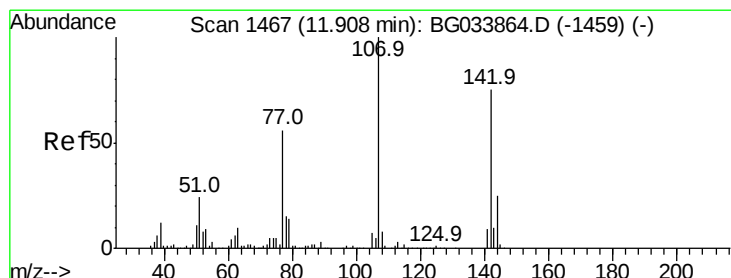
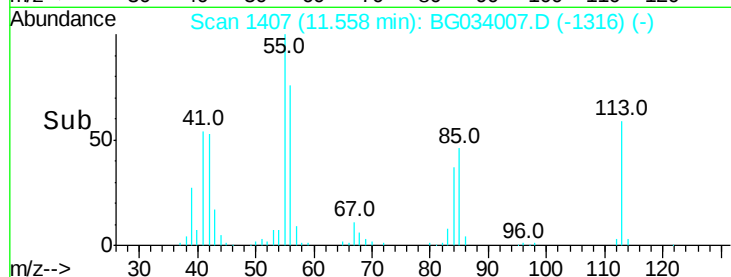
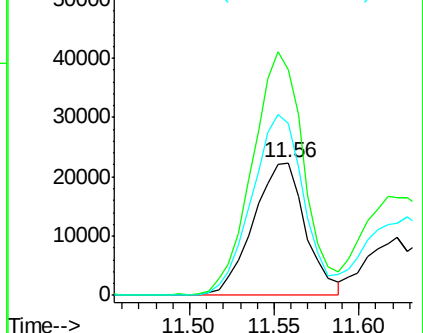
56 129.3 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 48.775 ng

RT: 11.90 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BG034007.D

Acq: 26 Apr 2018 4:45

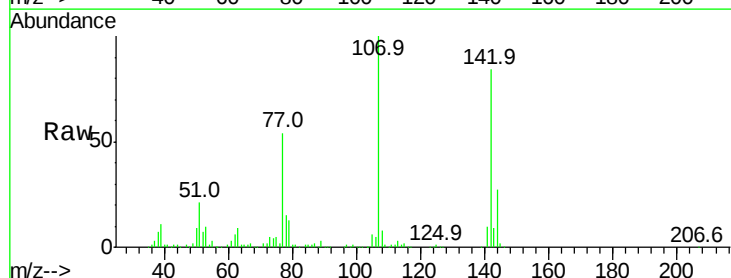
Tgt Ion:107 Resp: 305527

Ion Ratio Lower Upper

107 100

144 27.0 18.2 27.4

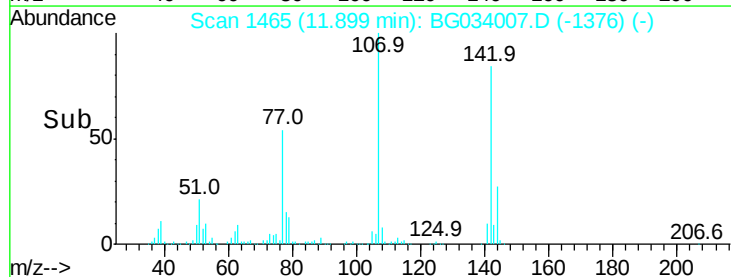
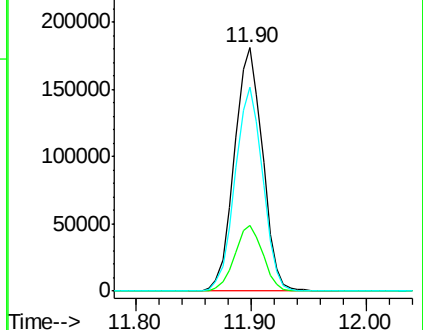
142 83.6 59.0 88.4

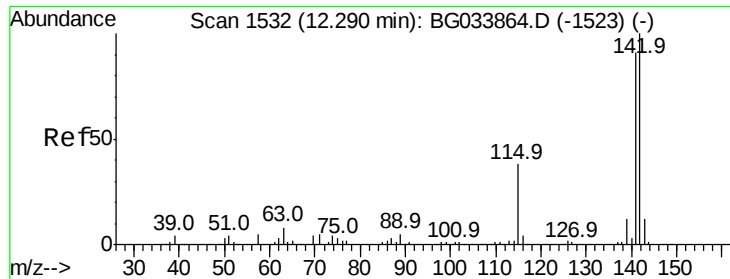


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

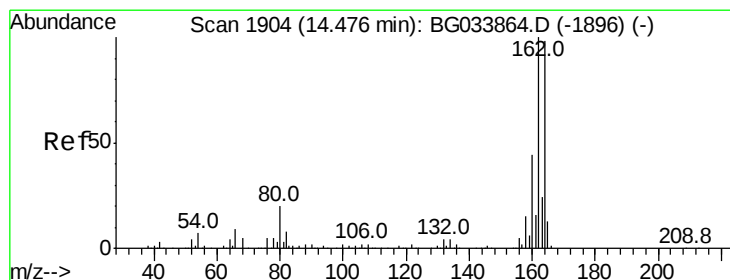
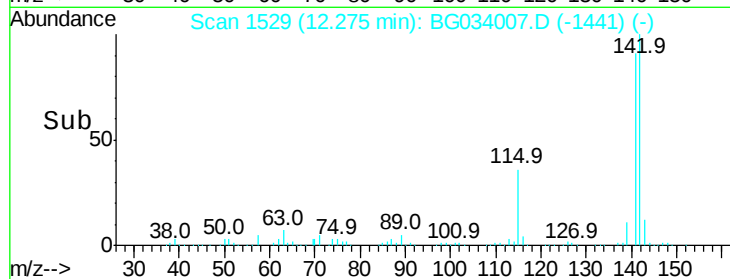
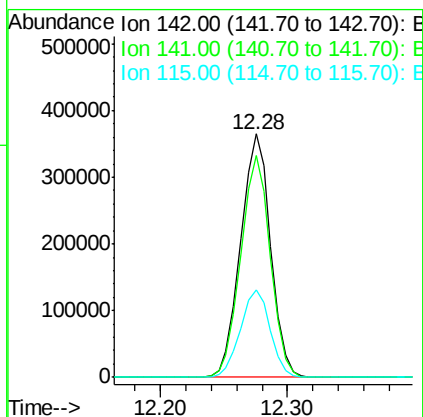
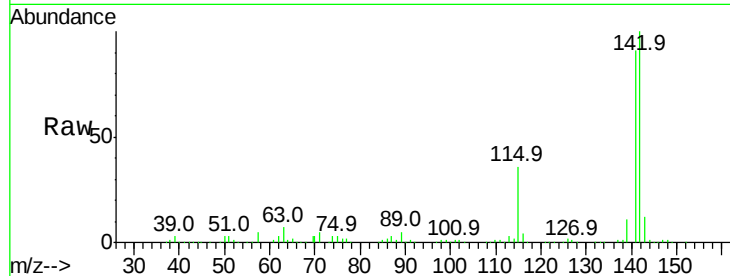




#37
 2-Methylnaphthalene
 Concen: 46.445 ng
 RT: 12.28 min Scan# 1529
 Delta R.T. -0.02 min
 Lab File: BG034007.D
 Acq: 26 Apr 2018 4:45

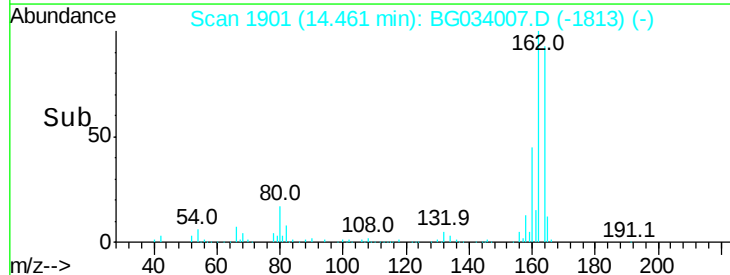
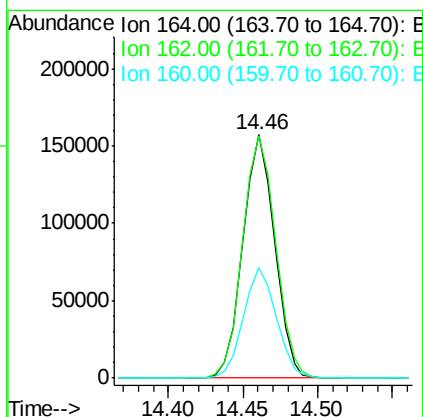
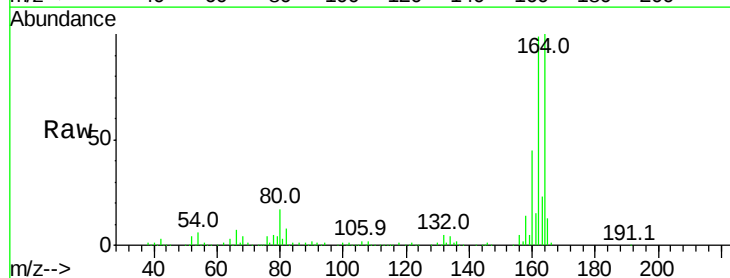
Instrument :
 BNA_G
 ClientSampleId :

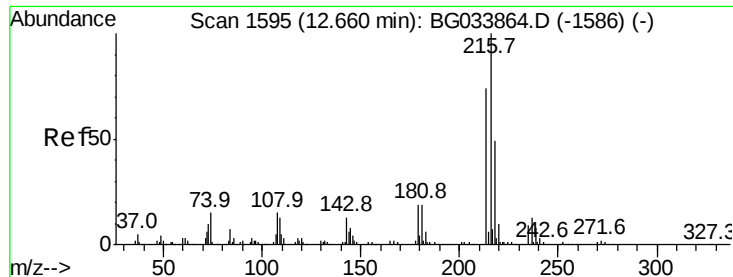
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.0	67.1	100.7
115	36.0	30.7	46.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.46 min Scan# 1901
 Delta R.T. -0.02 min
 Lab File: BG034007.D
 Acq: 26 Apr 2018 4:45

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.4	78.8	118.2
160	45.2	35.4	53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 46.932 ng

RT: 12.65 min Scan# 1592

Delta R.T. -0.02 min

Lab File: BG034007.D

Acq: 26 Apr 2018 4:45

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 361238

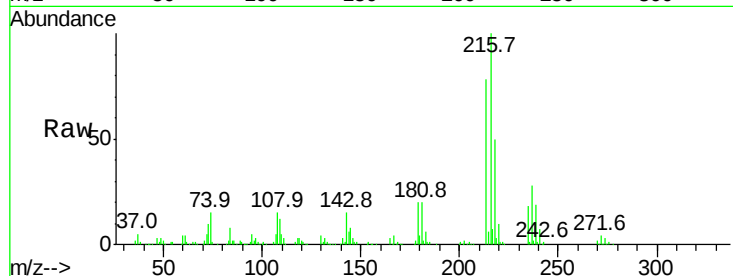
Ion Ratio Lower Upper

216 100

214 76.0 63.0 94.4

179 18.9 17.0 25.6

108 16.5 12.8 19.2

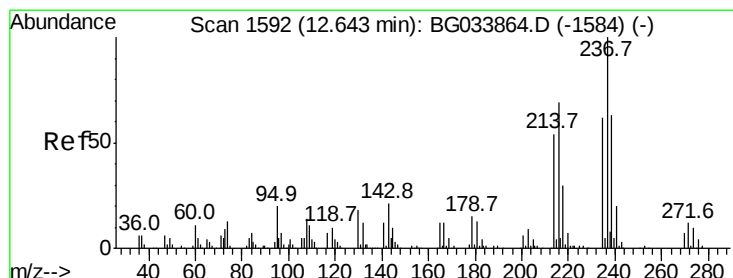
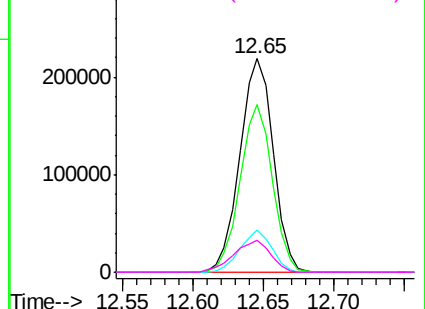
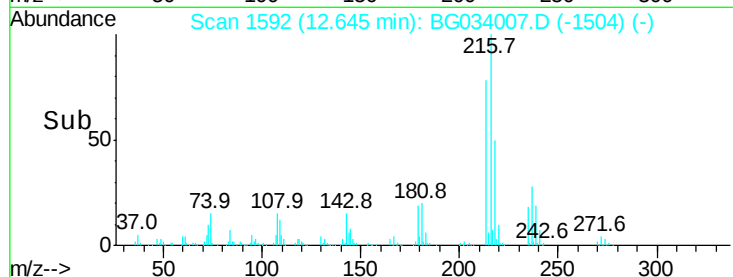


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 99.553 ng

RT: 12.63 min Scan# 1589

Delta R.T. -0.02 min

Lab File: BG034007.D

Acq: 26 Apr 2018 4:45

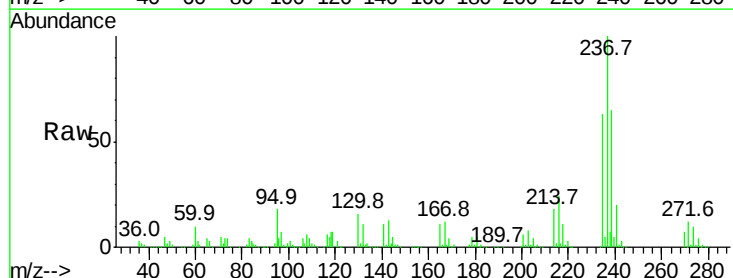
Tgt Ion:237 Resp: 421331

Ion Ratio Lower Upper

237 100

235 63.1 50.4 90.4

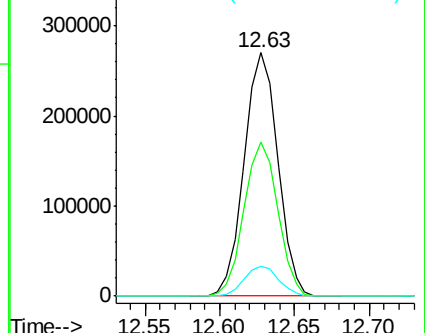
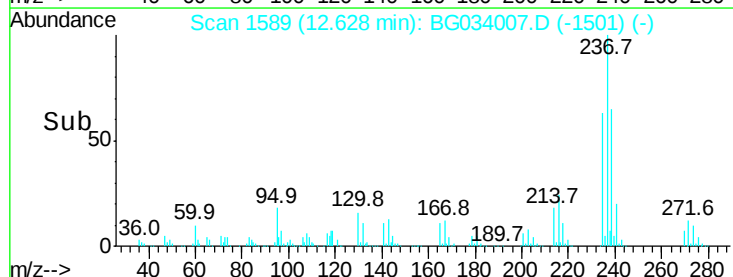
272 12.2 0.0 31.8

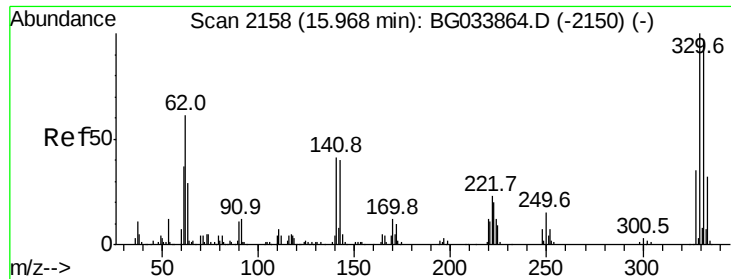


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

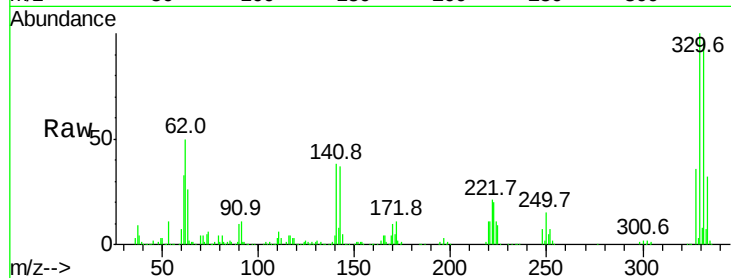




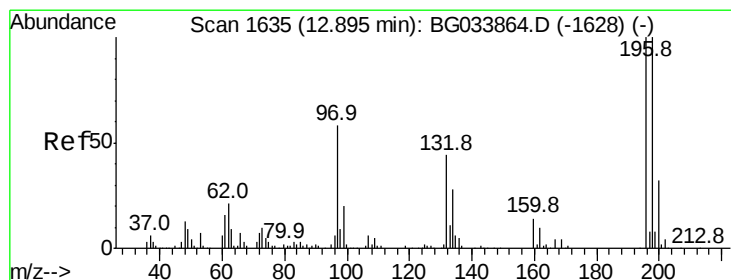
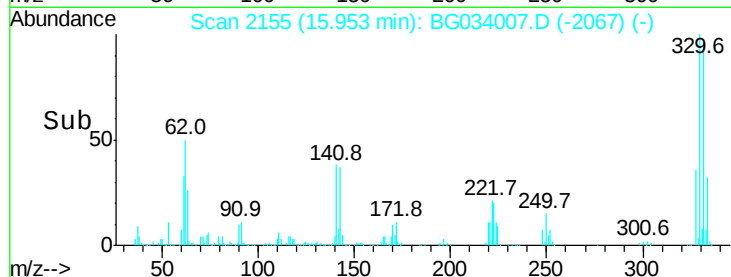
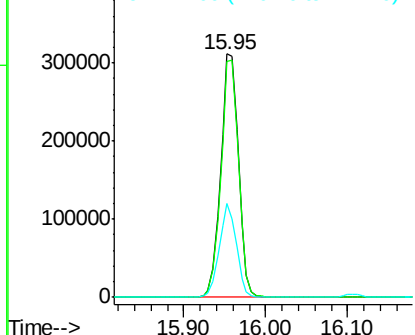
#41
 2,4,6-Tribromophenol
 Concen: 173.857 ng
 RT: 15.95 min Scan# 2155
 Delta R.T. -0.02 min
 Lab File: BG034007.D
 Acq: 26 Apr 2018 4:45

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 470163
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.0 115.6
 141 36.8 25.2 37.8

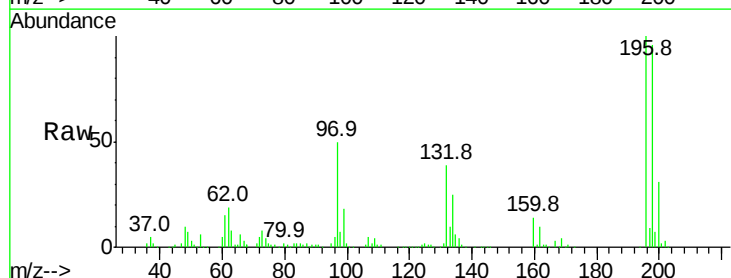


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

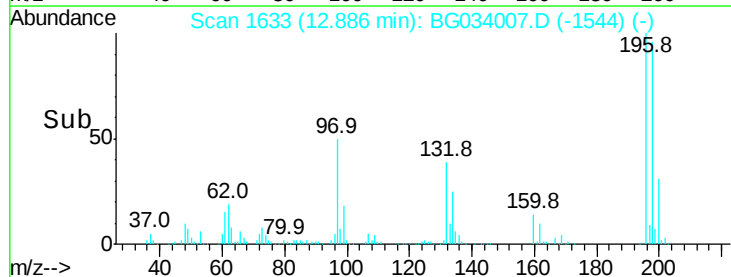
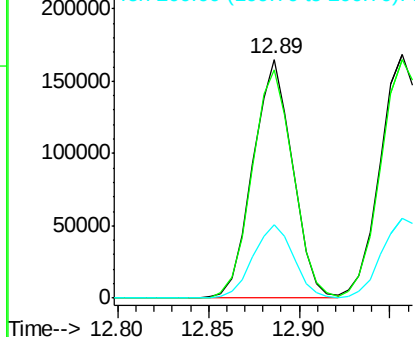


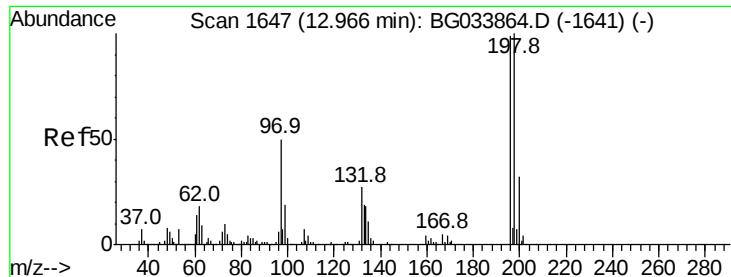
#42
 2,4,6-Trichlorophenol
 Concen: 53.465 ng
 RT: 12.89 min Scan# 1633
 Delta R.T. -0.01 min
 Lab File: BG034007.D
 Acq: 26 Apr 2018 4:45

Tgt Ion:196 Resp: 250908
 Ion Ratio Lower Upper
 196 100
 198 95.9 78.2 117.2
 200 30.8 24.6 36.8



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

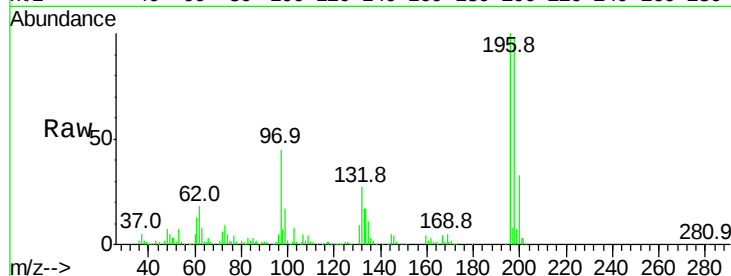




#43
2,4,5-Trichlorophenol
Concen: 51.894 ng
RT: 12.96 min Scan# 1645
Delta R.T. -0.01 min
Lab File: BG034007.D
Acq: 26 Apr 2018 4:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.8	76.2	114.4
97	44.7	38.7	58.1
132	26.6	20.2	30.2



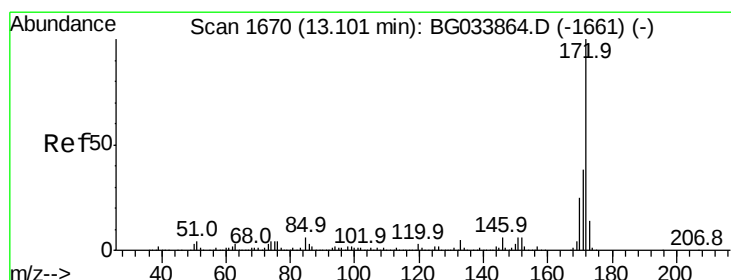
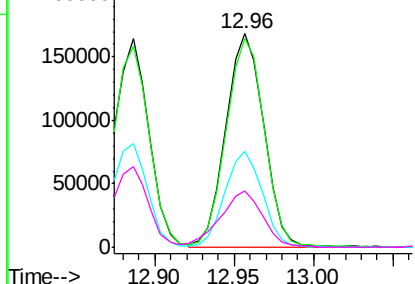
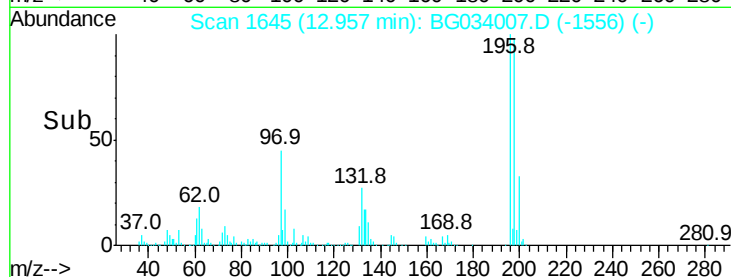
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

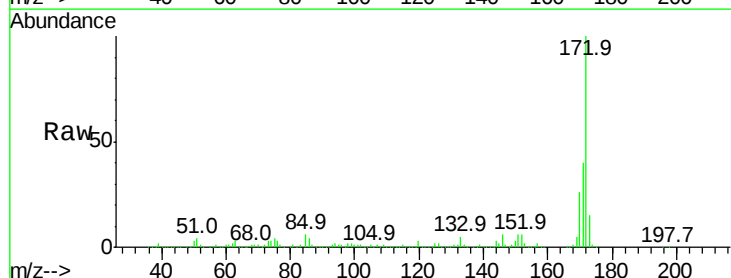
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 92.123 ng
RT: 13.09 min Scan# 1667
Delta R.T. -0.02 min
Lab File: BG034007.D
Acq: 26 Apr 2018 4:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.7	30.0	45.0
170	26.3	19.5	29.3

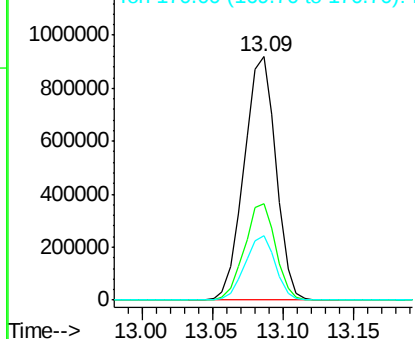
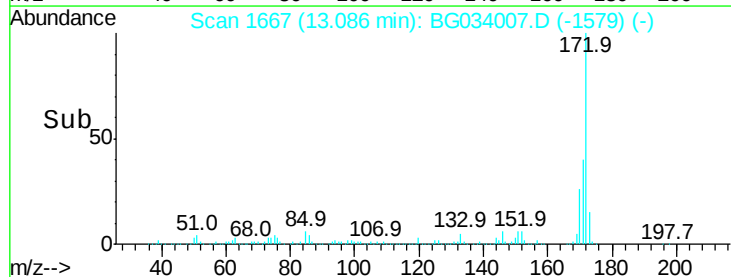


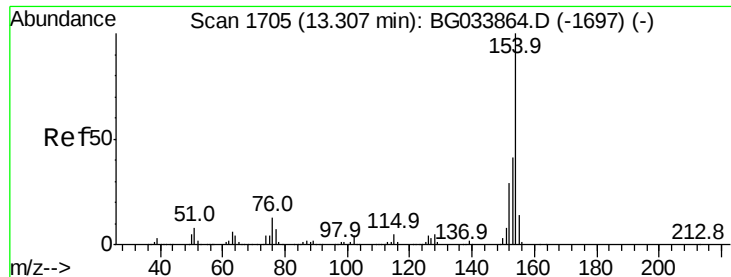
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

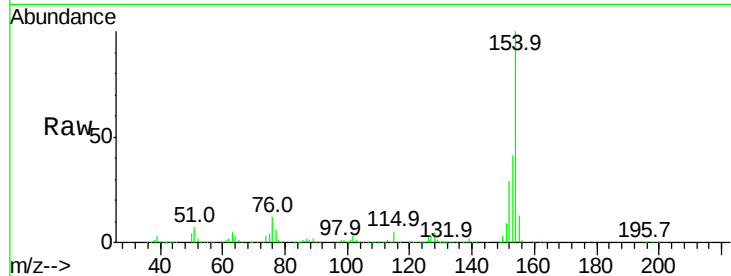




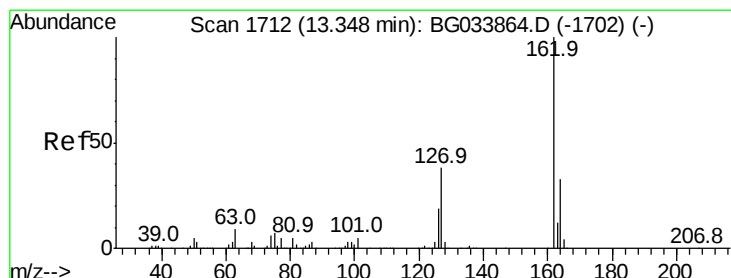
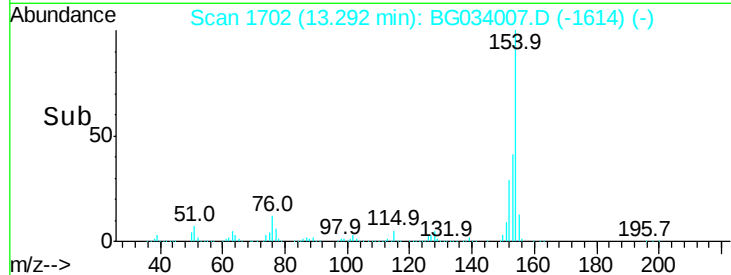
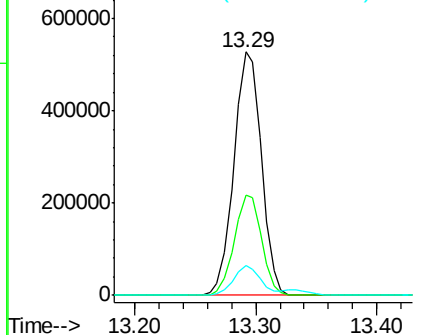
#45
 1,1'-Biphenyl
 Concen: 44.552 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.02 min
 Lab File: BG034007.D
 Acq: 26 Apr 2018 4:45

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.4	19.8	59.8
76	12.2	0.0	31.9

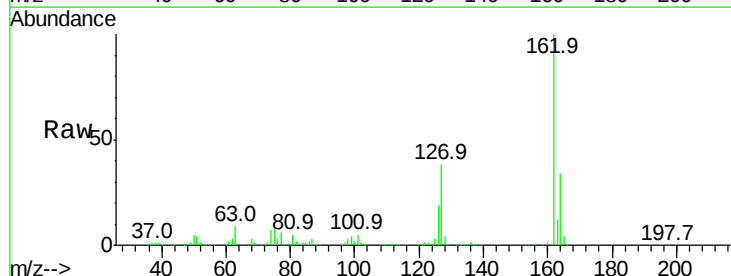


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): B

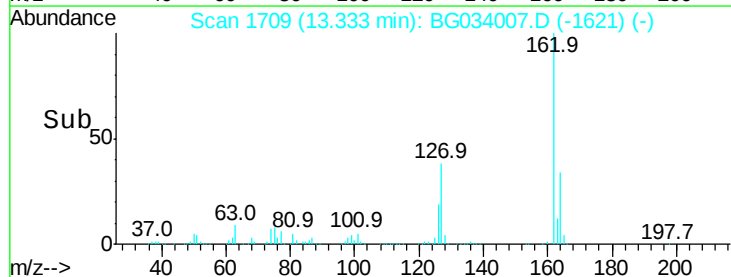
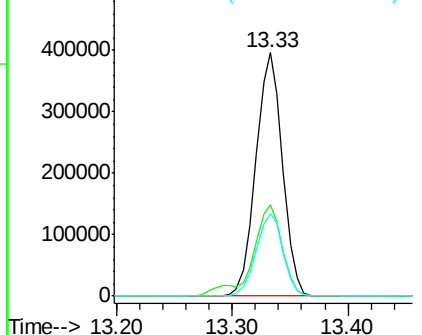


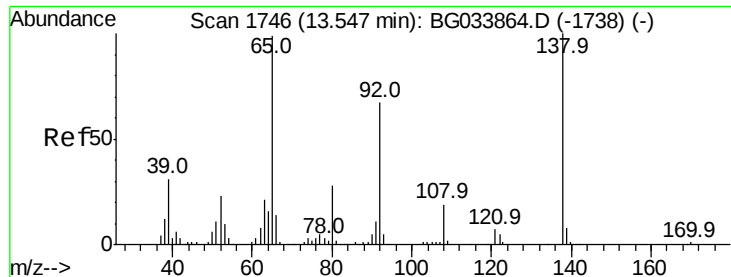
#46
 2-Chloronaphthalene
 Concen: 44.616 ng
 RT: 13.33 min Scan# 1709
 Delta R.T. -0.02 min
 Lab File: BG034007.D
 Acq: 26 Apr 2018 4:45

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.7	30.7	46.1
164	33.6	26.0	39.0



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

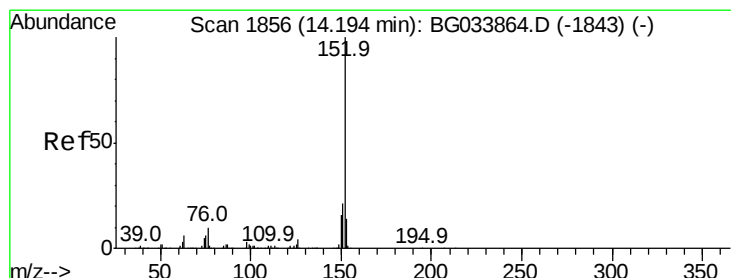
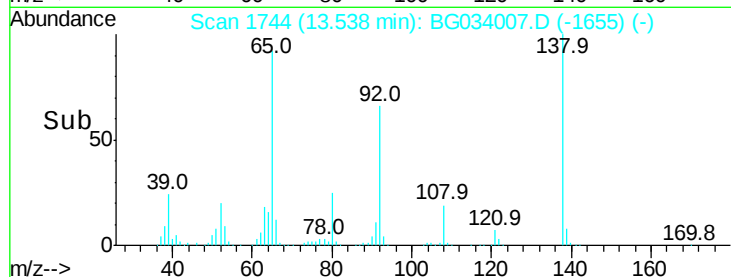
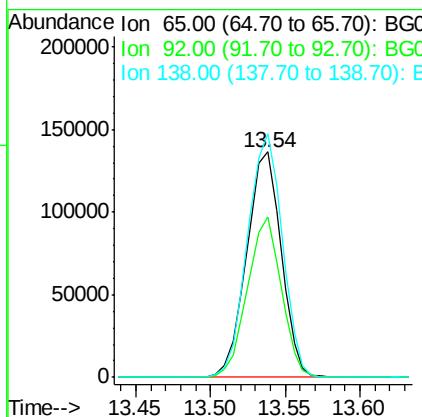
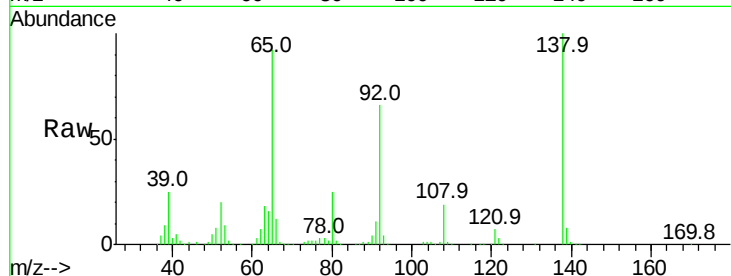




#47
2-Nitroaniline
Concen: 49.136 ng
RT: 13.54 min Scan# 1744
Delta R.T. -0.01 min
Lab File: BG034007.D
Acq: 26 Apr 2018 4:45

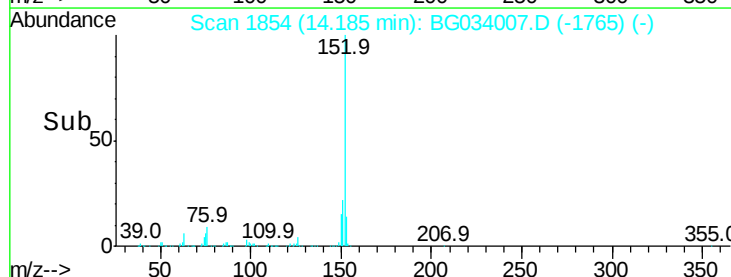
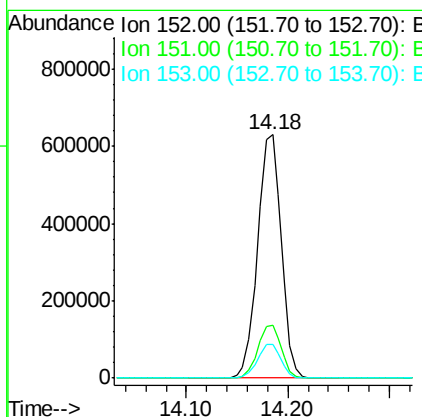
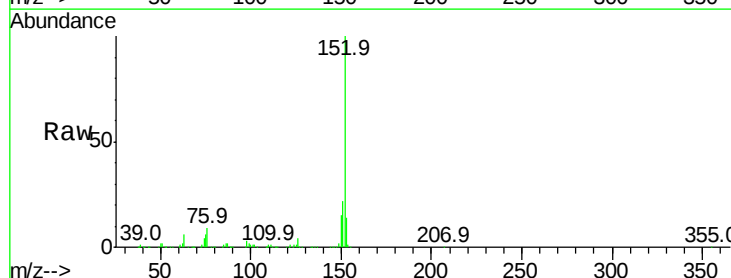
Instrument :
BNA_G
ClientSampleId :

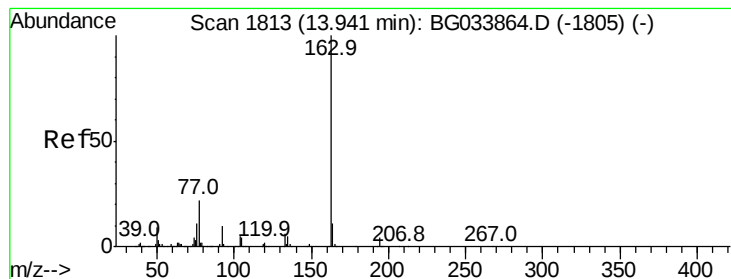
Tot Ion: 65 Resp: 218278
Ion Ratio Lower Upper
65 100
92 71.0 54.6 82.0
138 108.2 72.9 109.3



#48
Acenaphthylene
Concen: 43.410 ng
RT: 14.18 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BG034007.D
Acq: 26 Apr 2018 4:45

Tgt Ion: 152 Resp: 1026637
Ion Ratio Lower Upper
152 100
151 21.8 17.2 25.8
153 13.8 10.2 15.4





#49

Dimethylphthalate

Concen: 44.767 ng

RT: 13.93 min Scan# 1810

Delta R.T. -0.02 min

Lab File: BG034007.D

Acq: 26 Apr 2018 4:45

Instrument :

BNA_G

ClientSampleId :

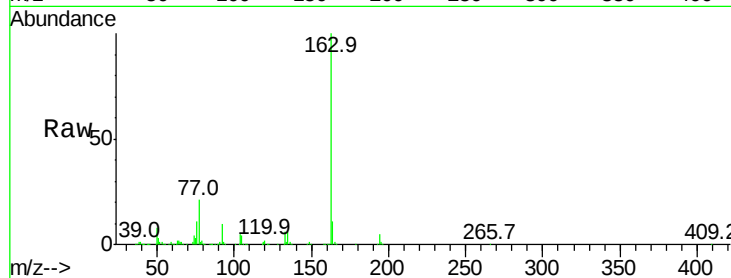
Tot Ion:163 Resp: 912813

Ion Ratio Lower Upper

163 100

194 4.8 3.4 5.2

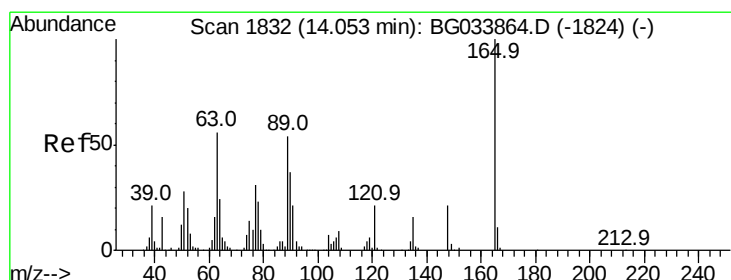
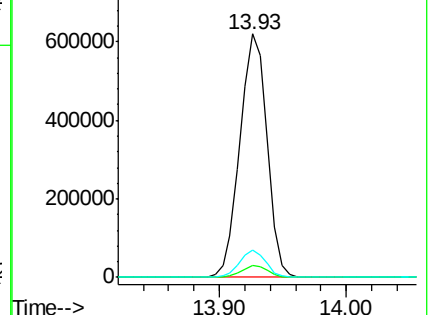
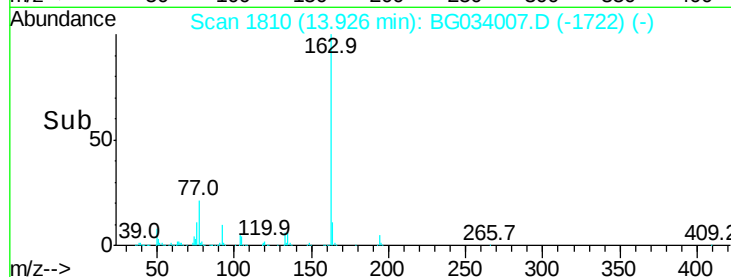
164 11.1 8.2 12.4



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: 54.352 ng

RT: 14.04 min Scan# 1829

Delta R.T. -0.02 min

Lab File: BG034007.D

Acq: 26 Apr 2018 4:45

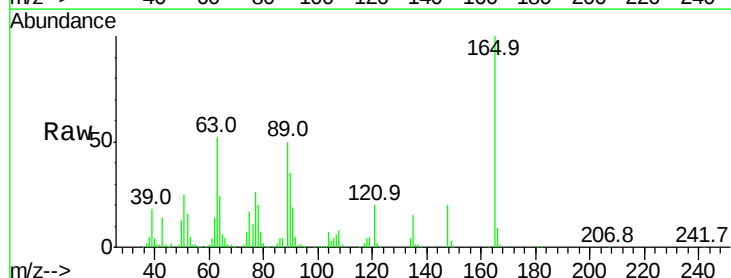
Tgt Ion:165 Resp: 210022

Ion Ratio Lower Upper

165 100

63 52.3 52.7 79.1#

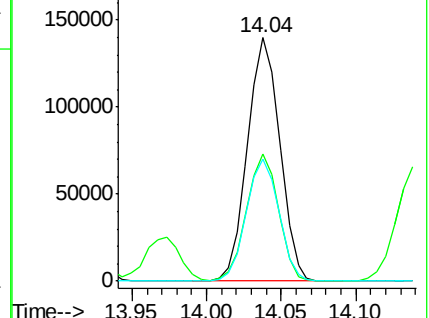
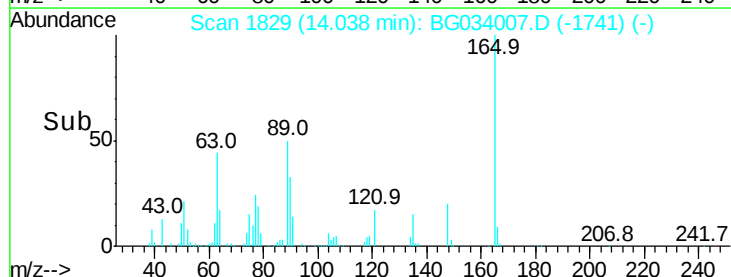
89 50.2 49.2 73.8

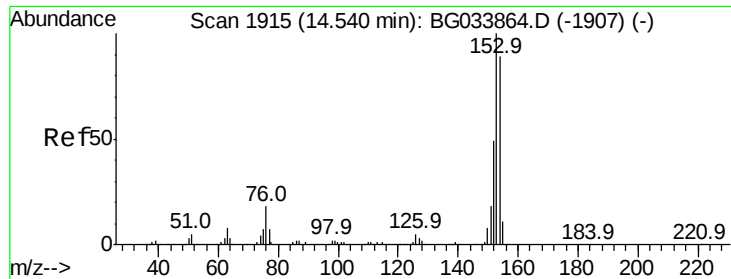


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0

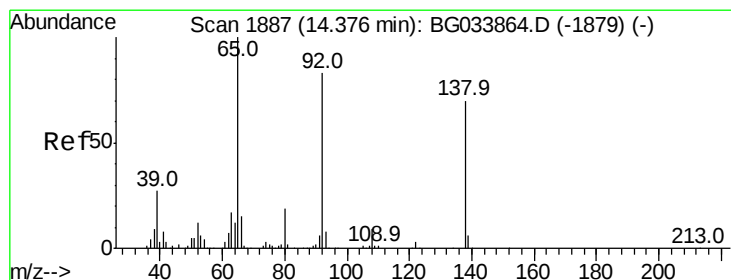
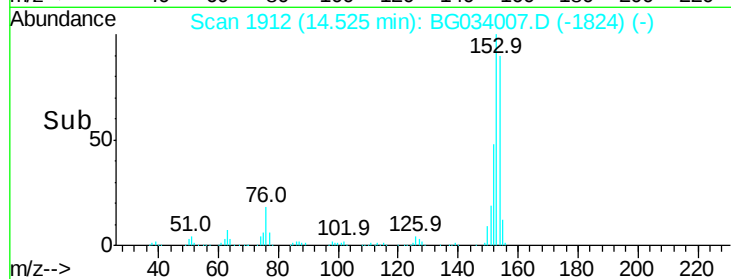
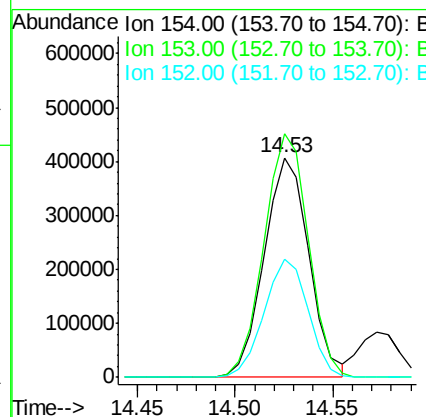
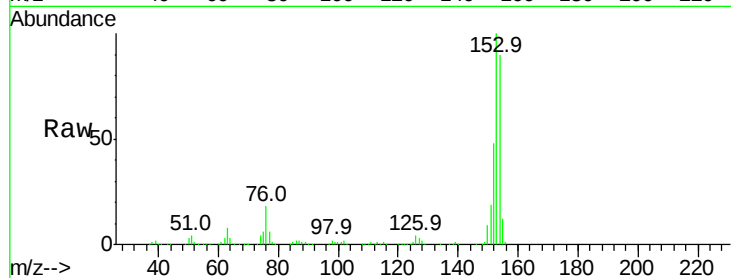




#51
Acenaphthene
Concen: 43.412 ng
RT: 14.53 min Scan# 1912
Delta R.T. -0.02 min
Lab File: BG034007.D
Acq: 26 Apr 2018 4:45

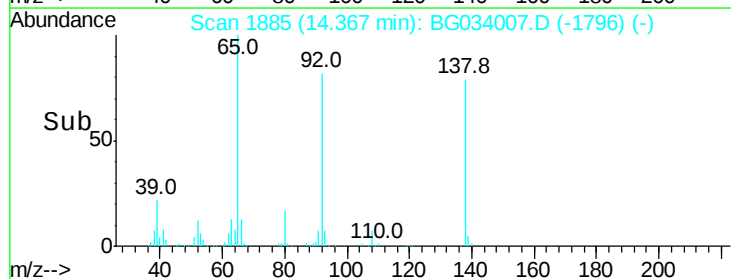
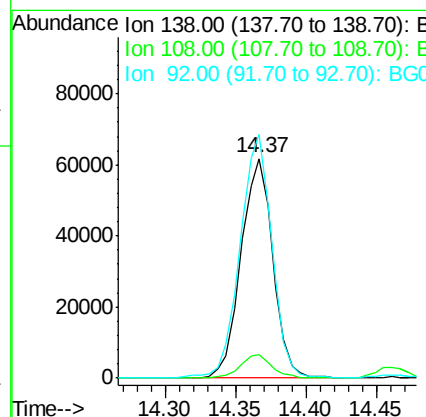
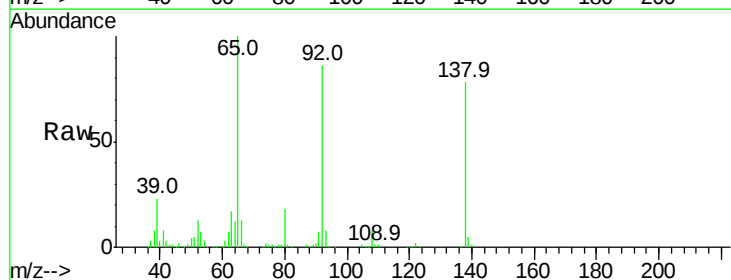
Instrument :
BNA_G
ClientSampleId :

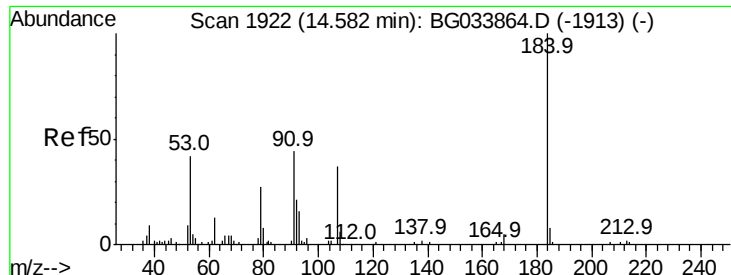
Tot Ion:154 Resp: 644954
Ion Ratio Lower Upper
154 100
153 110.9 90.4 135.6
152 53.6 41.6 62.4



#52
3-Nitroaniline
Concen: 23.120 ng
RT: 14.37 min Scan# 1885
Delta R.T. -0.01 min
Lab File: BG034007.D
Acq: 26 Apr 2018 4:45

Tgt Ion:138 Resp: 97010
Ion Ratio Lower Upper
138 100
108 10.6 17.5 26.3#
92 110.8 105.8 158.8

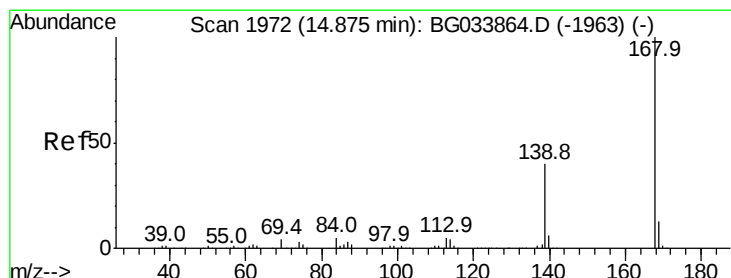
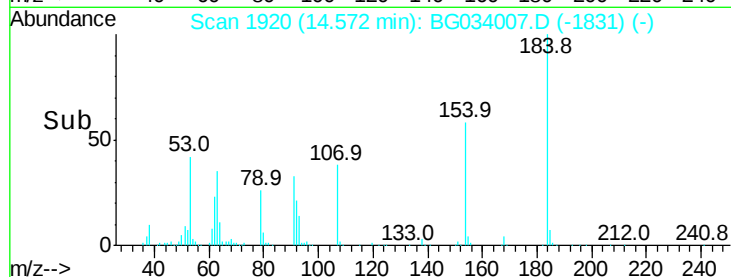
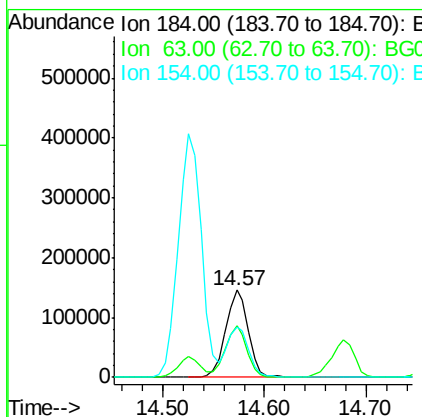
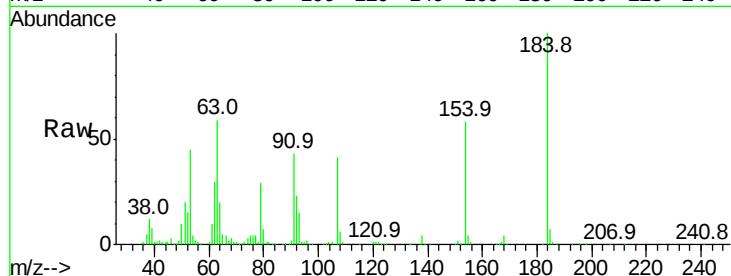




#53
 2,4-Dinitrophenol
 Concen: 162.424 ng
 RT: 14.57 min Scan# 1920
 Delta R.T. -0.01 min
 Lab File: BG034007.D
 Acq: 26 Apr 2018 4:45

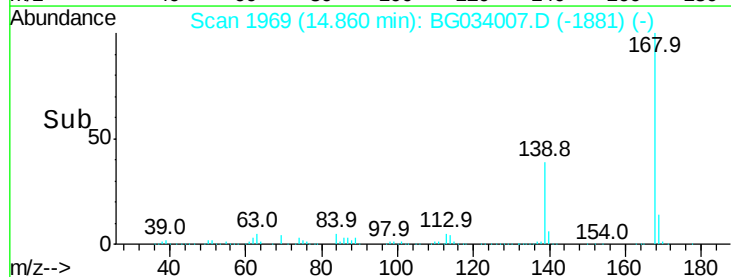
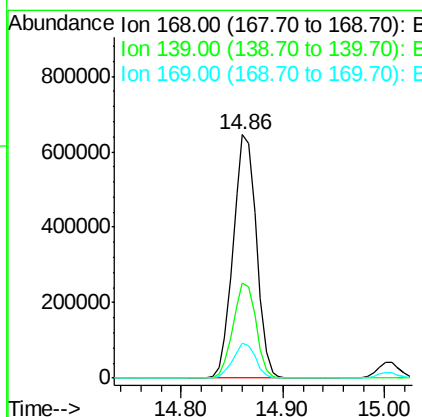
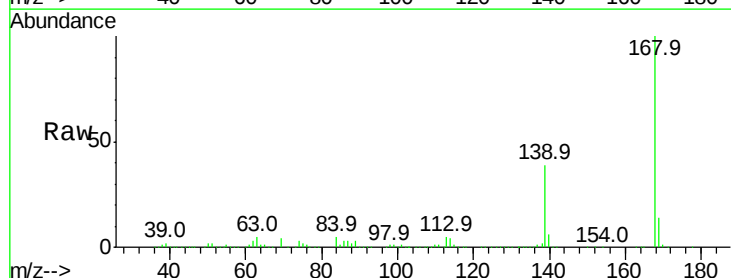
Instrument :
 BNA_G
 ClientSampled :

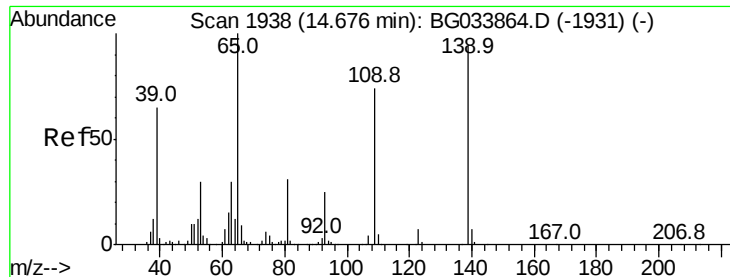
Tot Ion:184 Resp: 224456
 Ion Ratio Lower Upper
 184 100
 63 58.9 59.8 89.8#
 154 58.4 101.8 152.8#



#54
 Dibenzofuran
 Concen: 46.514 ng
 RT: 14.86 min Scan# 1969
 Delta R.T. -0.02 min
 Lab File: BG034007.D
 Acq: 26 Apr 2018 4:45

Tgt Ion:168 Resp: 1024505
 Ion Ratio Lower Upper
 168 100
 139 39.3 28.6 43.0
 169 14.2 11.2 16.8

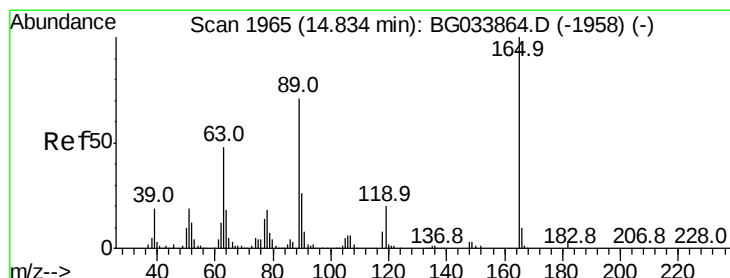
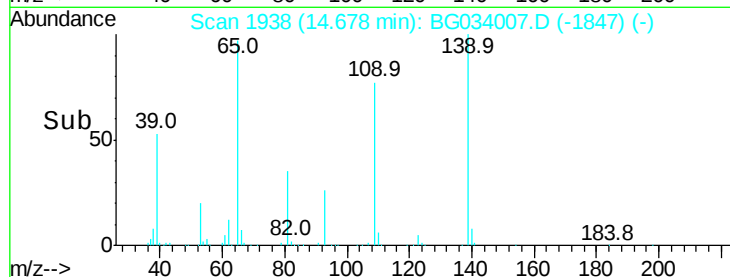
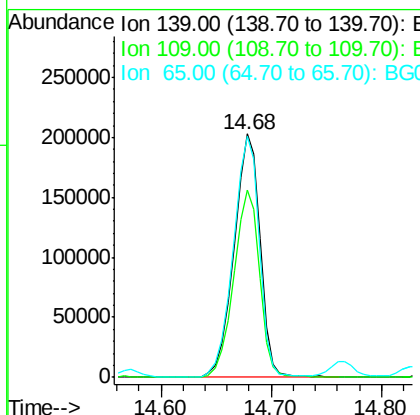
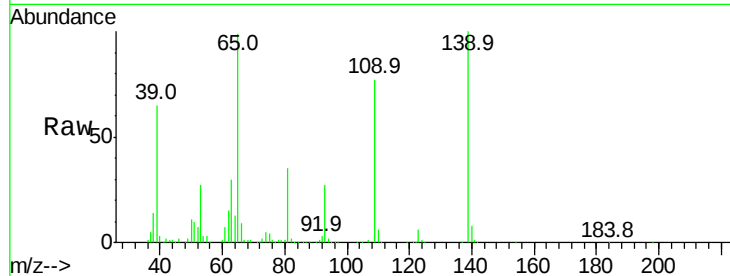




#55
4-Nitrophenol
Concen: 102.003 ng
RT: 14.68 min Scan# 1938
Delta R.T. 0.00 min
Lab File: BG034007.D
Acq: 26 Apr 2018 4:45

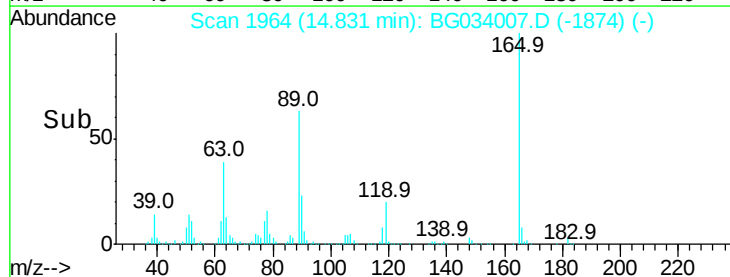
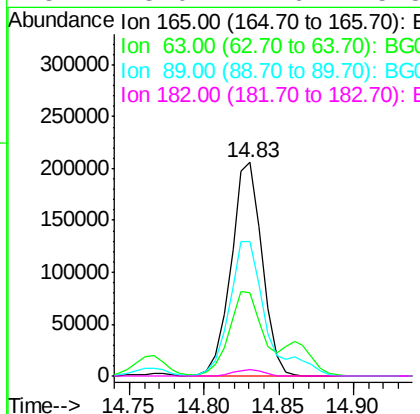
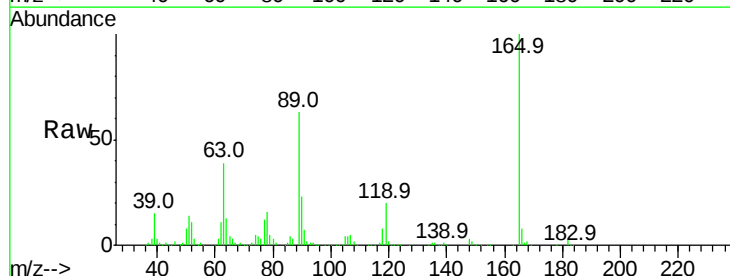
Instrument :
BNA_G
ClientSampleId :

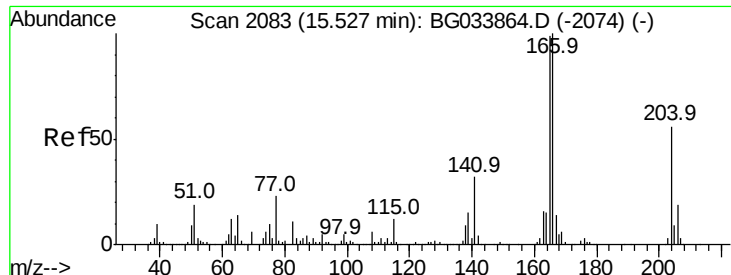
Tot Ion:139 Resp: 335668
Ion Ratio Lower Upper
139 100
109 77.0 62.2 102.2
65 99.1 97.2 137.2



#56
2,4-Dinitrotoluene
Concen: 58.147 ng
RT: 14.83 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BG034007.D
Acq: 26 Apr 2018 4:45

Tgt Ion:165 Resp: 298783
Ion Ratio Lower Upper
165 100
63 39.2 42.0 63.0#
89 62.9 66.9 100.3#
182 3.0 2.6 3.8

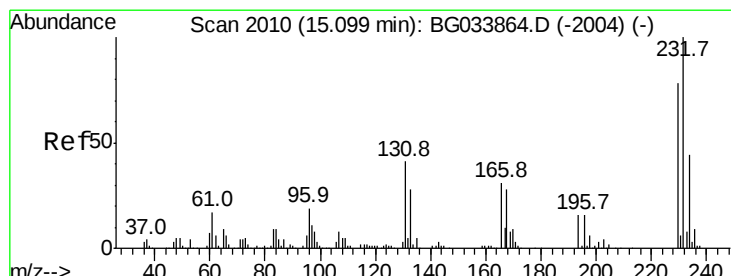
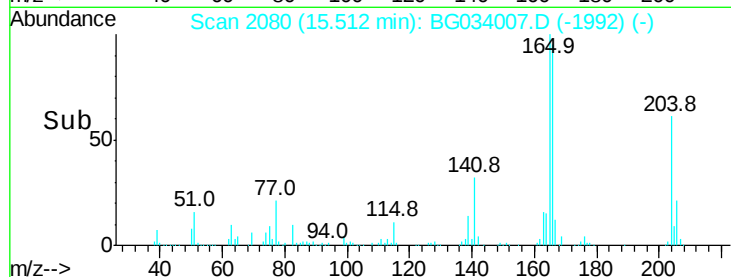
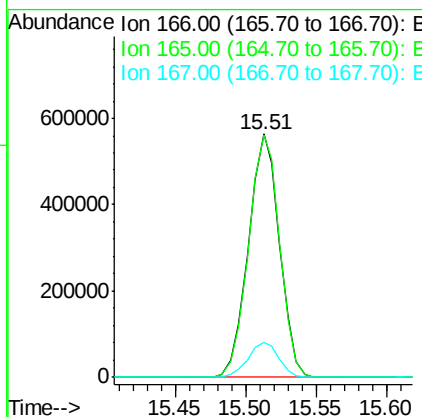
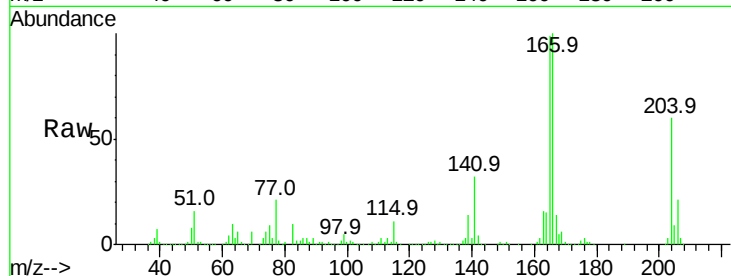




#57
 Fluorene
 Concen: 45.523 ng
 RT: 15.51 min Scan# 2080
 Delta R.T. -0.02 min
 Lab File: BG034007.D
 Acq: 26 Apr 2018 4:45

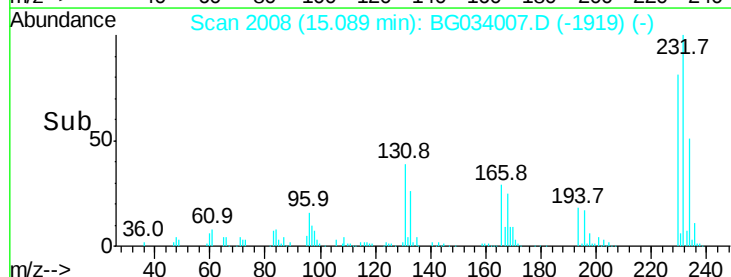
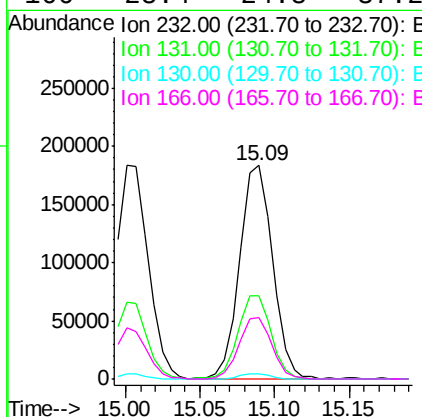
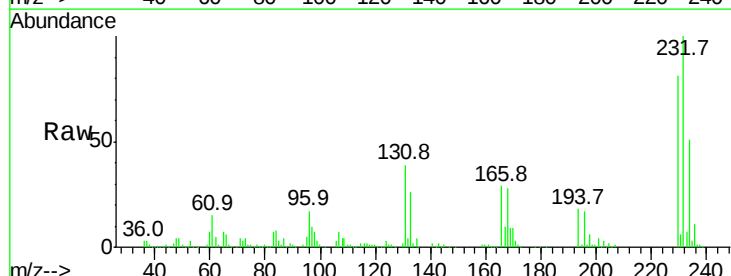
Instrument :
 BNA_G
 ClientSampleId :

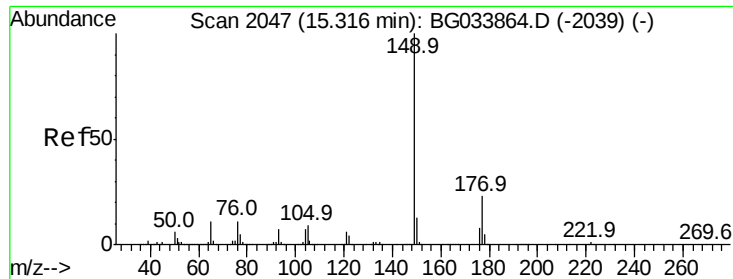
Tot Ion:166 Resp: 867679
 Ion Ratio Lower Upper
 166 100
 165 99.4 80.6 121.0
 167 14.5 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 56.973 ng
 RT: 15.09 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BG034007.D
 Acq: 26 Apr 2018 4:45

Tgt Ion:232 Resp: 281446
 Ion Ratio Lower Upper
 232 100
 131 39.3 33.5 50.3
 130 2.3 2.2 3.2
 166 28.4 24.8 37.2





#59

Diethylphthalate

Concen: 43.712 ng

RT: 15.30 min Scan# 2044

Delta R.T. -0.02 min

Lab File: BG034007.D

Acq: 26 Apr 2018 4:45

Instrument :

BNA_G

ClientSampled :

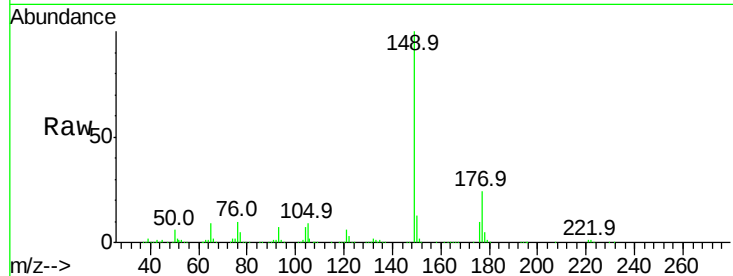
Tot Ion:149 Resp: 942115

Ion Ratio Lower Upper

149 100

177 24.5 18.5 27.7

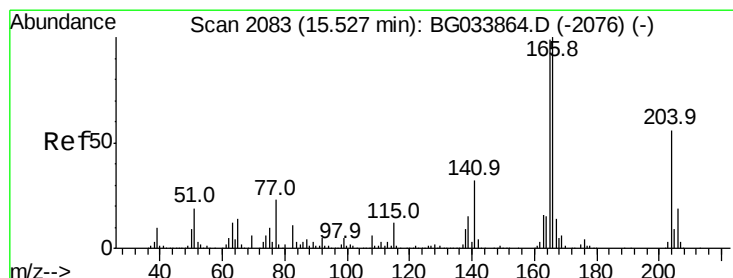
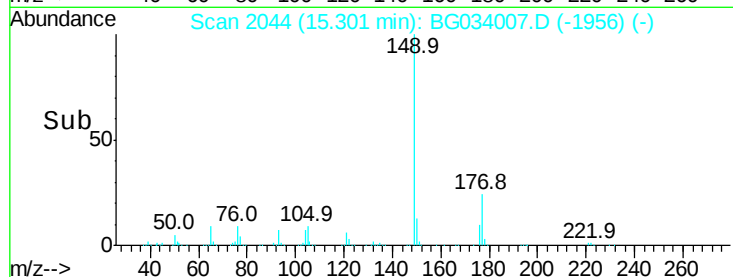
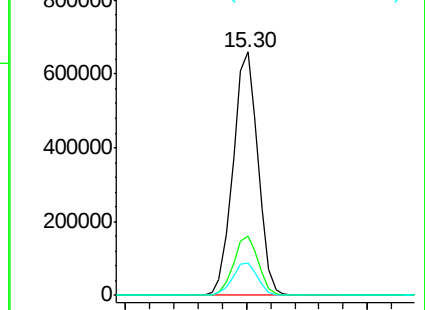
150 13.3 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 47.953 ng

RT: 15.51 min Scan# 2080

Delta R.T. -0.02 min

Lab File: BG034007.D

Acq: 26 Apr 2018 4:45

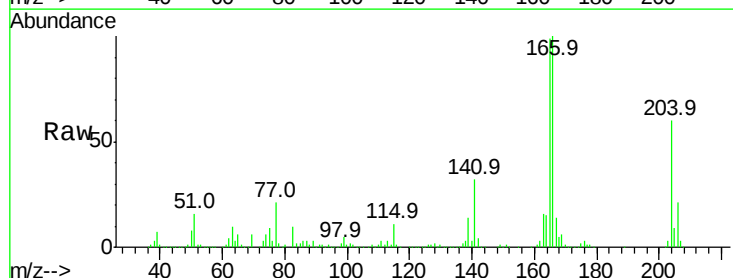
Tgt Ion:204 Resp: 478059

Ion Ratio Lower Upper

204 100

206 35.0 26.2 39.2

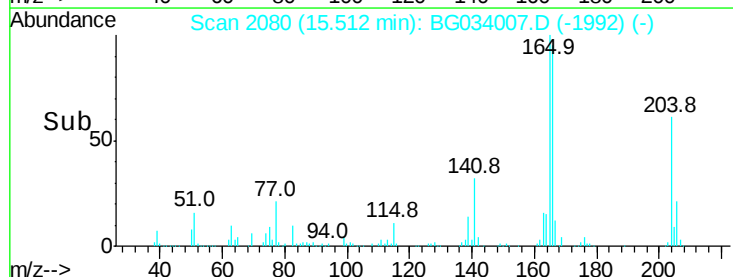
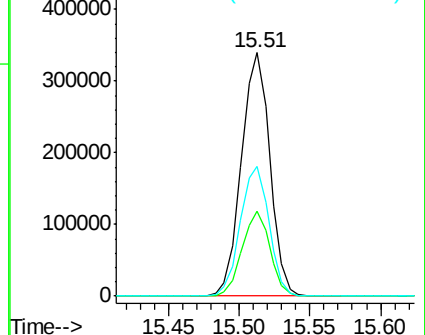
141 53.1 45.8 68.6

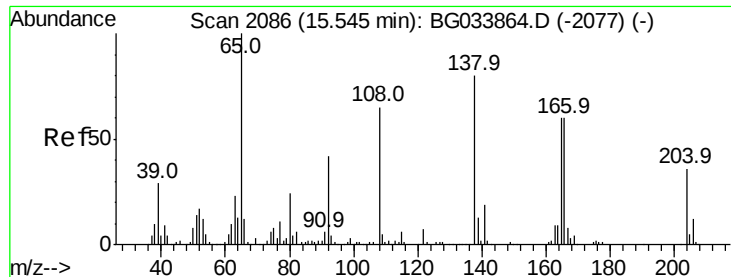


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

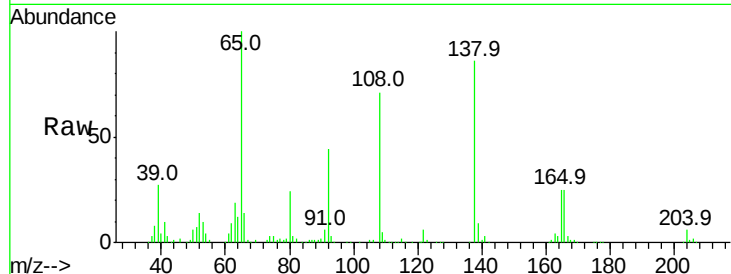




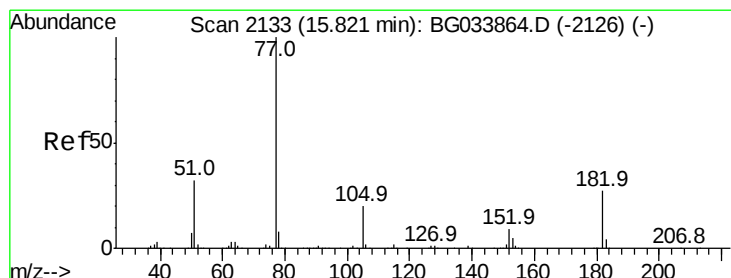
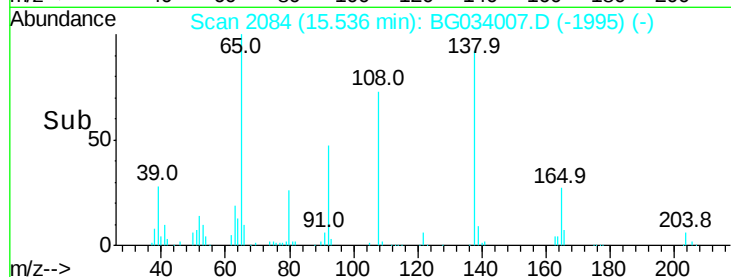
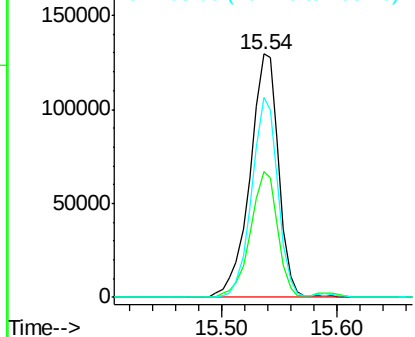
#61
4-Nitroaniline
Concen: 50.283 ng
RT: 15.54 min Scan# 2084
Delta R.T. -0.01 min
Lab File: BG034007.D
Acq: 26 Apr 2018 4:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 224012
Ion Ratio Lower Upper
138 100
92 51.5 40.1 80.1
108 82.0 65.4 105.4

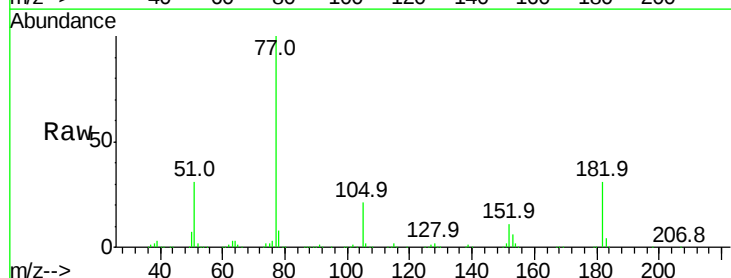


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BGC
Ion 108.00 (107.70 to 108.70): E

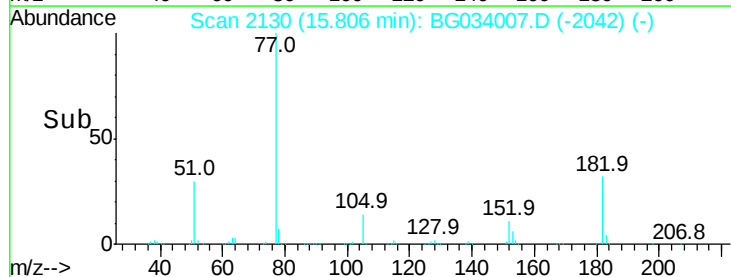
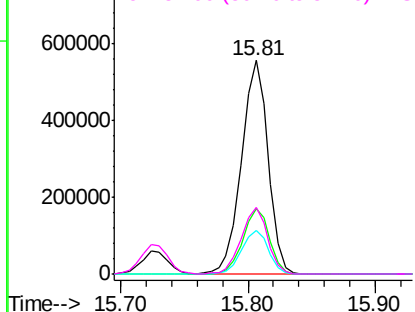


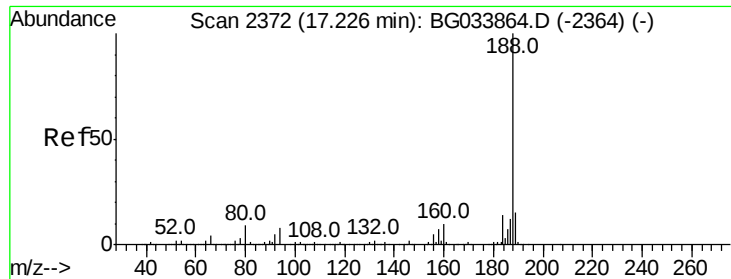
#62
Azobenzene
Concen: 41.911 ng
RT: 15.81 min Scan# 2130
Delta R.T. -0.02 min
Lab File: BG034007.D
Acq: 26 Apr 2018 4:45

Tgt Ion: 77 Resp: 805194
Ion Ratio Lower Upper
77 100
182 30.6 7.4 47.4
105 20.6 0.3 40.3
51 30.9 11.6 51.6



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BGC

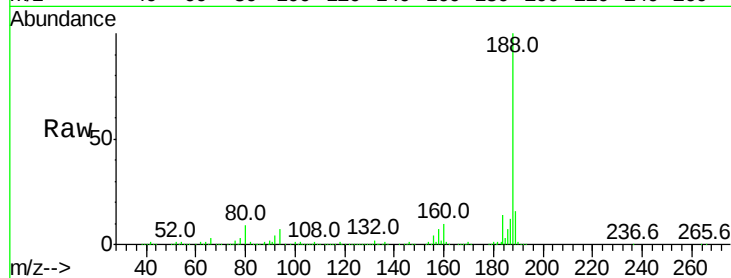




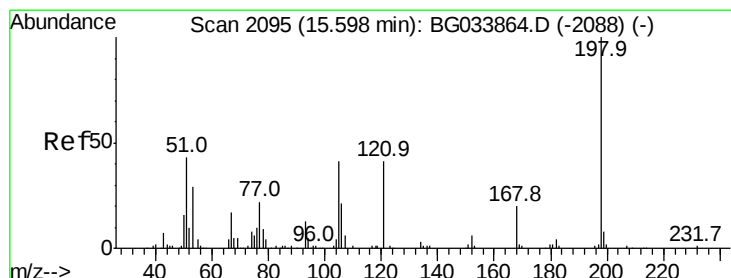
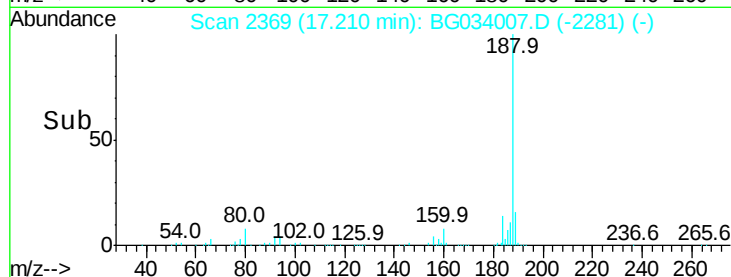
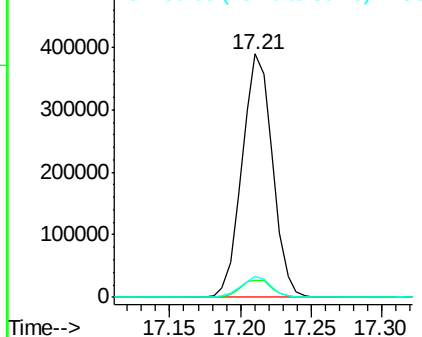
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.21 min Scan# 2369
Delta R.T. -0.02 min
Lab File: BG034007.D
Acq: 26 Apr 2018 4:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 586801
Ion Ratio Lower Upper
188 100
94 6.9 6.9 10.3
80 8.6 7.7 11.5

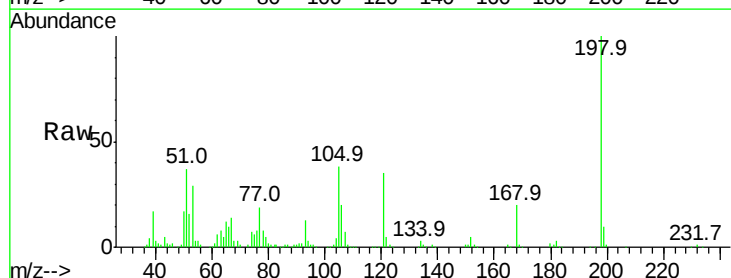


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

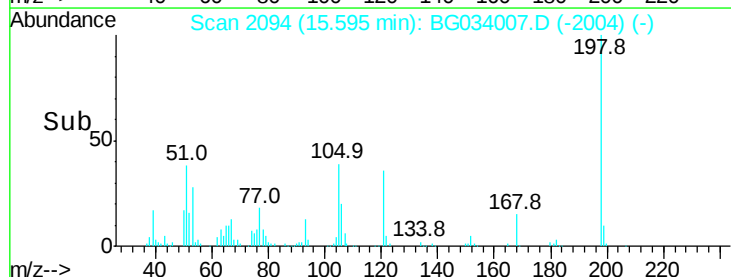
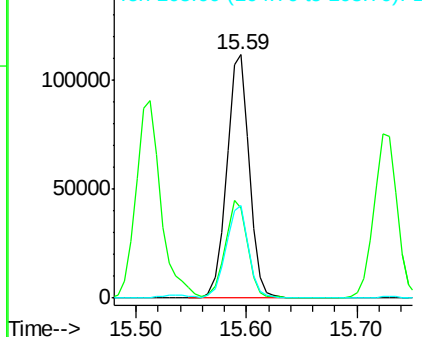


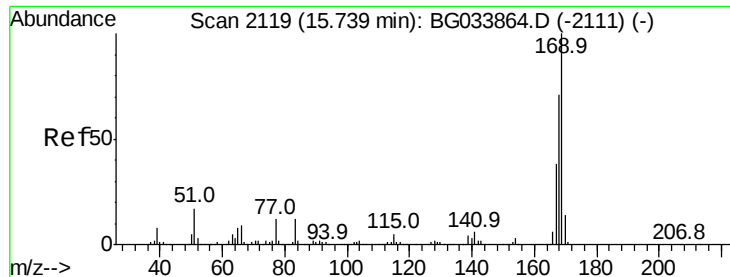
#64
4,6-Dinitro-2-methylphenol
Concen: 55.248 ng
RT: 15.59 min Scan# 2094
Delta R.T. -0.00 min
Lab File: BG034007.D
Acq: 26 Apr 2018 4:45

Tgt Ion:198 Resp: 159312
Ion Ratio Lower Upper
198 100
51 37.1 30.6 70.6
105 38.3 23.8 63.8



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 45.059 ng

RT: 15.73 min Scan# 2117

Delta R.T. -0.01 min

Lab File: BG034007.D

Acq: 26 Apr 2018 4:45

Instrument :

BNA_G

ClientSampleId :

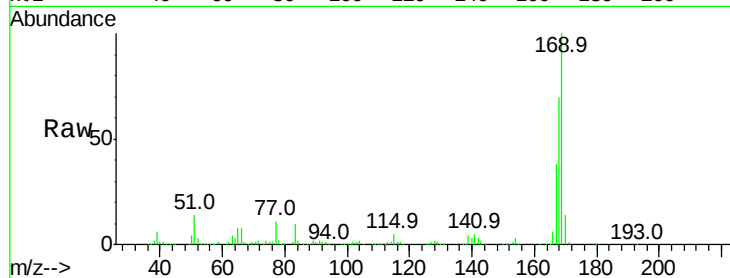
Tot Ion:169 Resp: 768716

Ion Ratio Lower Upper

169 100

168 70.1 55.7 83.5

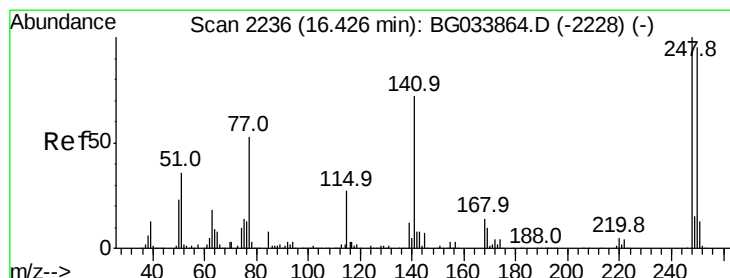
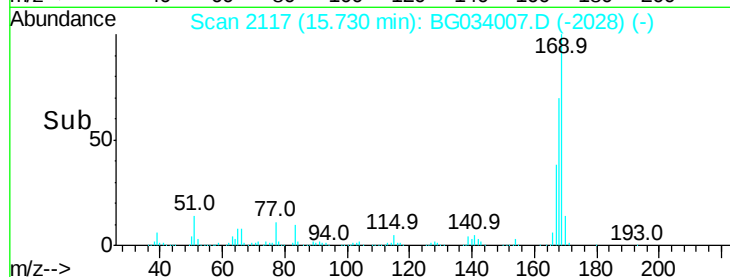
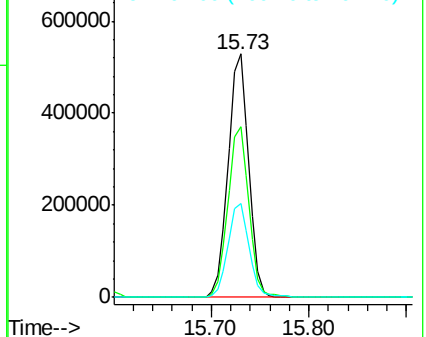
167 38.4 30.1 45.1



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 50.222 ng

RT: 16.41 min Scan# 2232

Delta R.T. -0.02 min

Lab File: BG034007.D

Acq: 26 Apr 2018 4:45

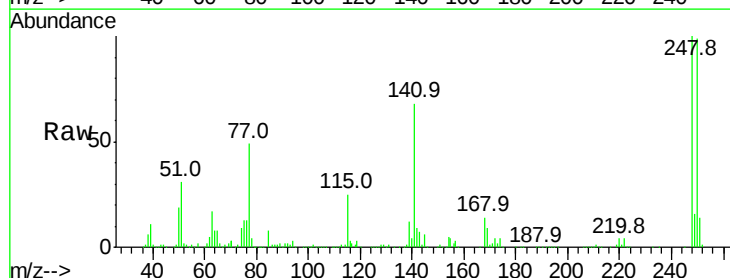
Tgt Ion:248 Resp: 323648

Ion Ratio Lower Upper

248 100

250 98.8 77.1 115.7

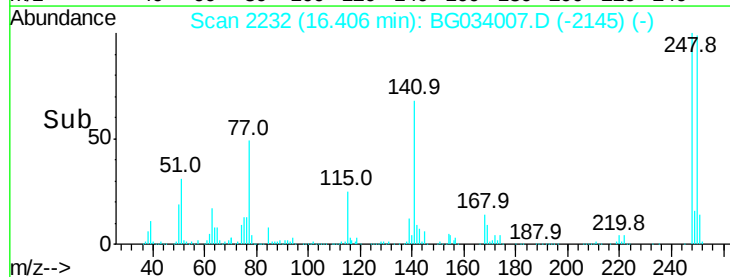
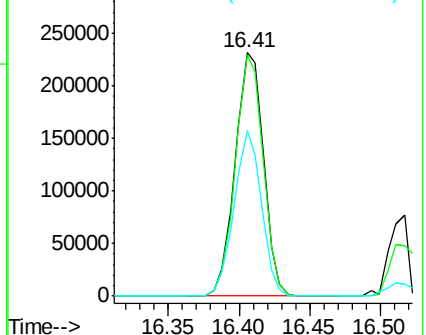
141 67.8 50.8 76.2

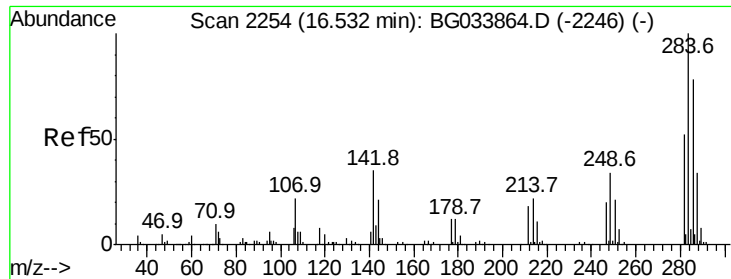


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

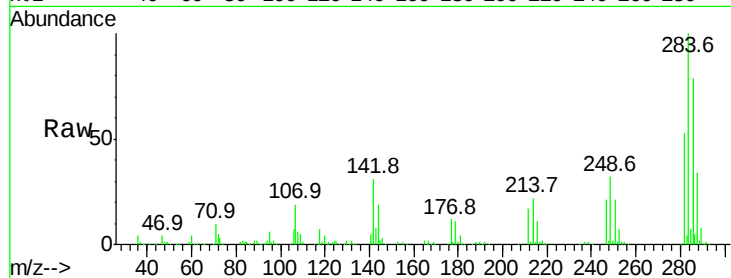




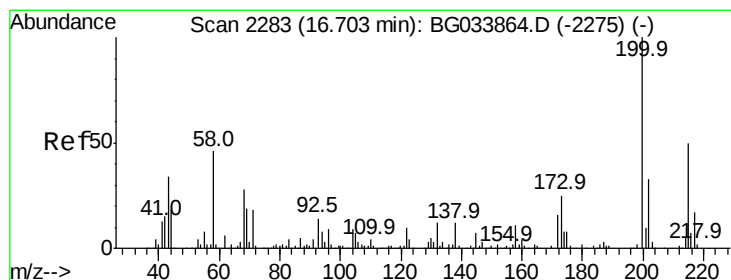
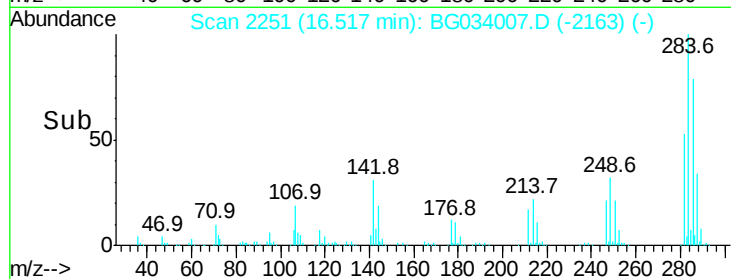
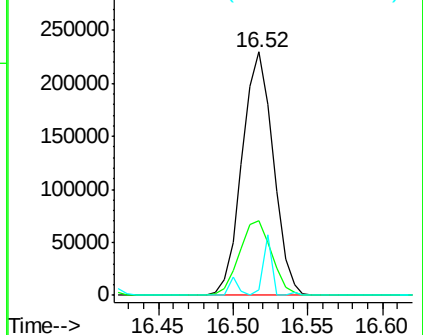
#67
Hexachlorobenzene
Concen: 48.473 ng
RT: 16.52 min Scan# 2251
Delta R.T. -0.02 min
Lab File: BG034007.D
Acq: 26 Apr 2018 4:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:284 Resp: 333135
Ion Ratio Lower Upper
284 100
142 30.7 26.8 40.2
249 2.4 26.3 39.5#

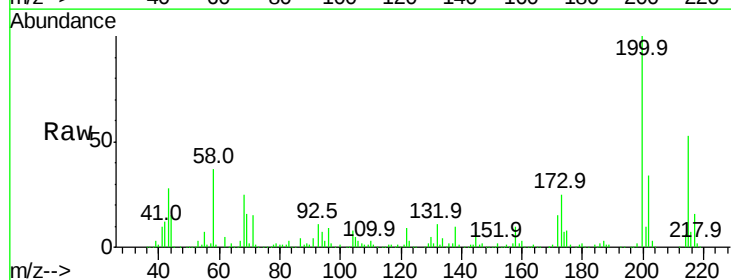


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

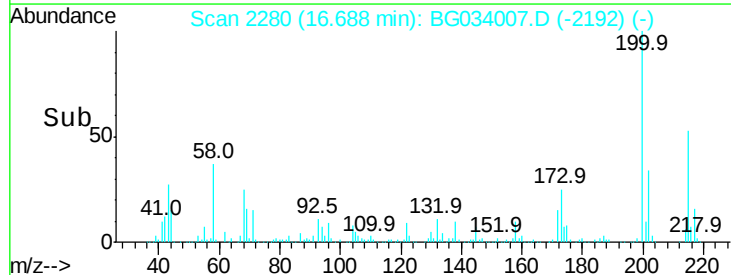
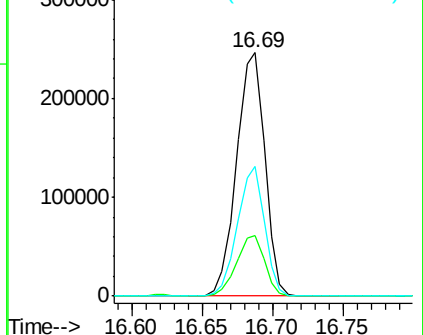


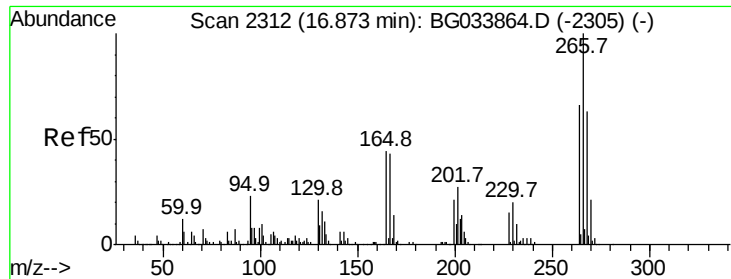
#68
Atrazine
Concen: 51.682 ng
RT: 16.69 min Scan# 2280
Delta R.T. -0.02 min
Lab File: BG034007.D
Acq: 26 Apr 2018 4:45

Tgt Ion:200 Resp: 345410
Ion Ratio Lower Upper
200 100
173 24.7 5.2 45.2
215 53.0 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

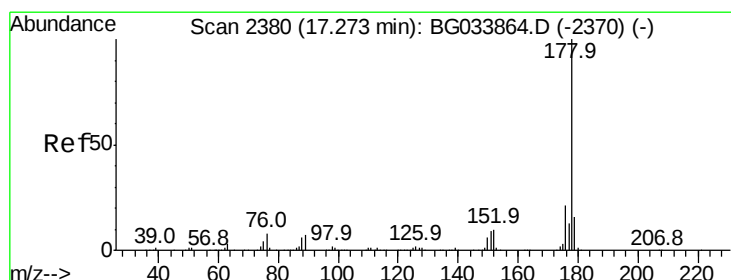
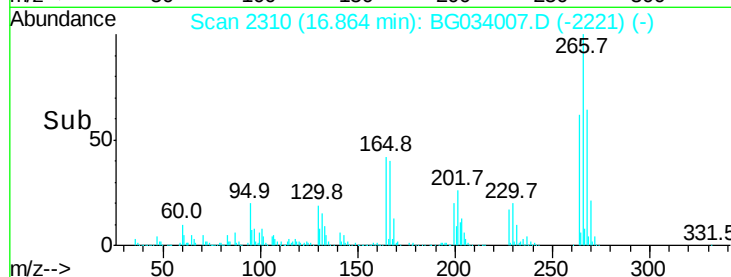
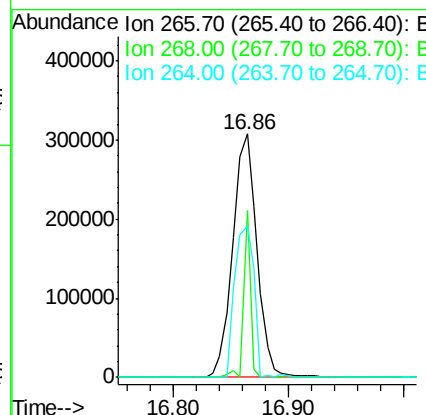
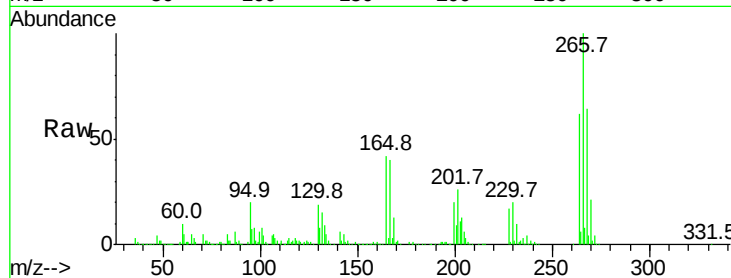




#69
 Pentachlorophenol
 Concen: 94.547 ng
 RT: 16.86 min Scan# 2310
 Delta R.T. -0.01 min
 Lab File: BG034007.D
 Acq: 26 Apr 2018 4:45

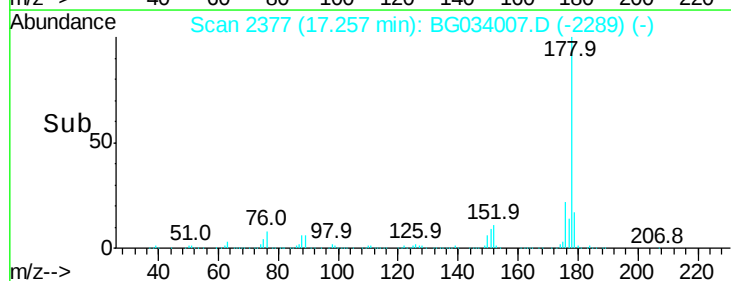
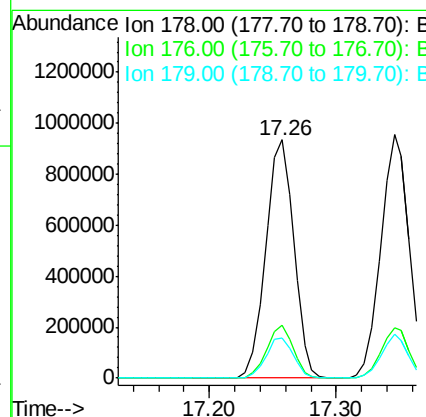
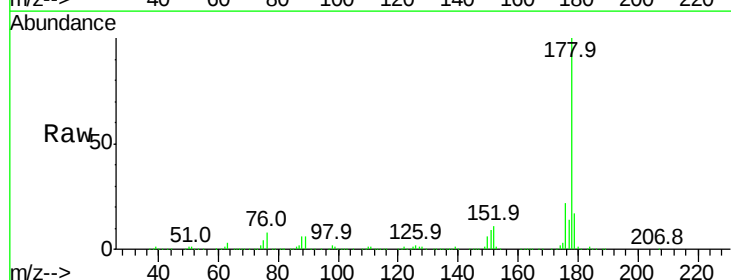
Instrument :
 BNA_G
 ClientSampleId :

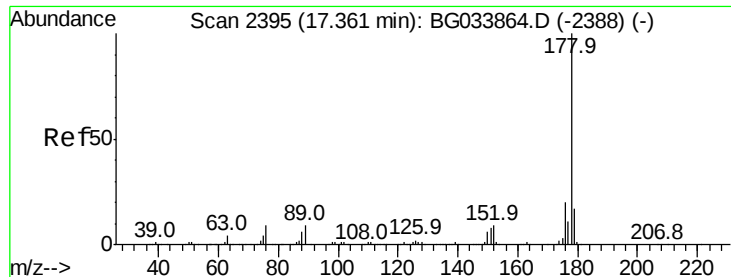
Tot Ion:266 Resp: 446331
 Ion Ratio Lower Upper
 266 100
 268 68.8 51.1 76.7
 264 67.8 49.6 74.4



#70
 Phenanthrene
 Concen: 45.835 ng
 RT: 17.26 min Scan# 2377
 Delta R.T. -0.02 min
 Lab File: BG034007.D
 Acq: 26 Apr 2018 4:45

Tgt Ion:178 Resp: 1442866
 Ion Ratio Lower Upper
 178 100
 176 22.0 15.7 23.5
 179 16.8 12.5 18.7

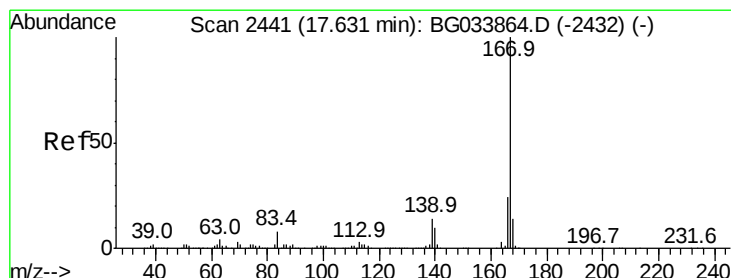
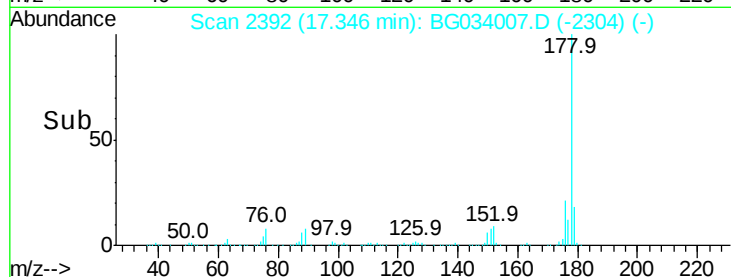
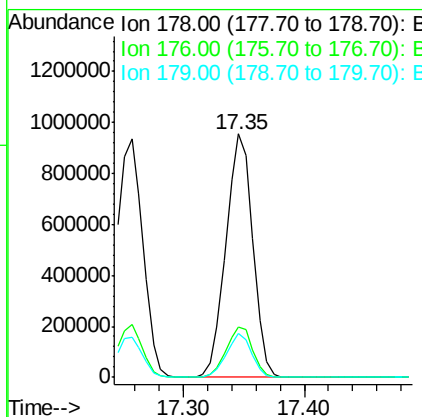
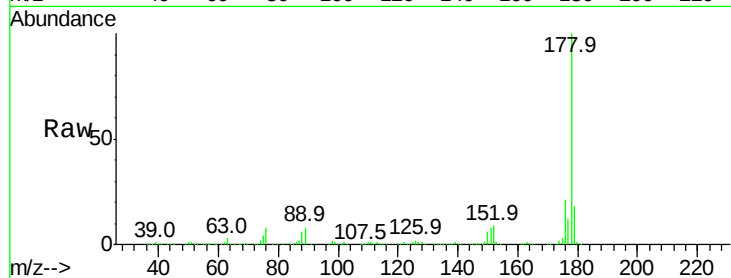




#71
 Anthracene
 Concen: 46.761 ng
 RT: 17.35 min Scan# 2392
 Delta R.T. -0.02 min
 Lab File: BG034007.D
 Acq: 26 Apr 2018 4:45

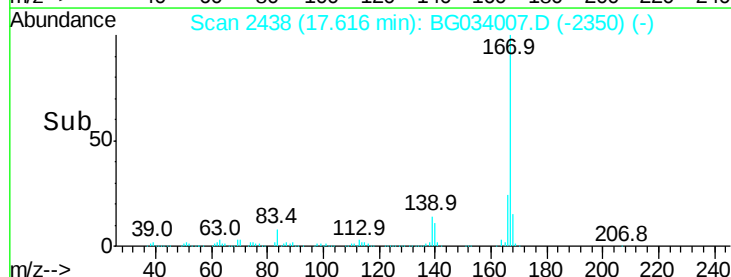
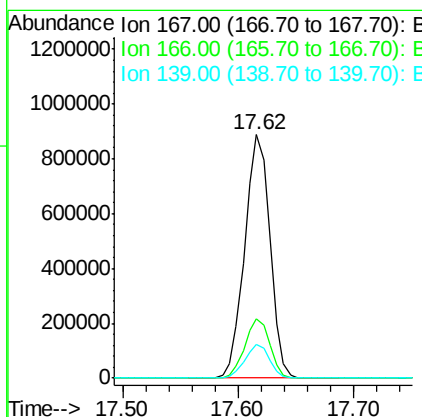
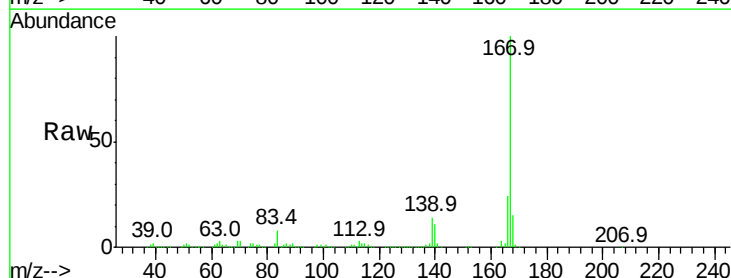
Instrument :
 BNA_G
 ClientSampleId :

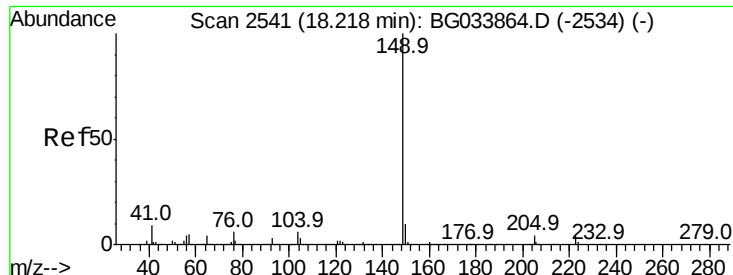
Tot Ion:178 Resp: 1472092
 Ion Ratio Lower Upper
 178 100
 176 20.8 16.0 24.0
 179 17.8 12.5 18.7



#72
 Carbazole
 Concen: 44.531 ng
 RT: 17.62 min Scan# 2438
 Delta R.T. -0.02 min
 Lab File: BG034007.D
 Acq: 26 Apr 2018 4:45

Tgt Ion:167 Resp: 1352459
 Ion Ratio Lower Upper
 167 100
 166 24.2 18.2 27.4
 139 13.8 9.4 14.2

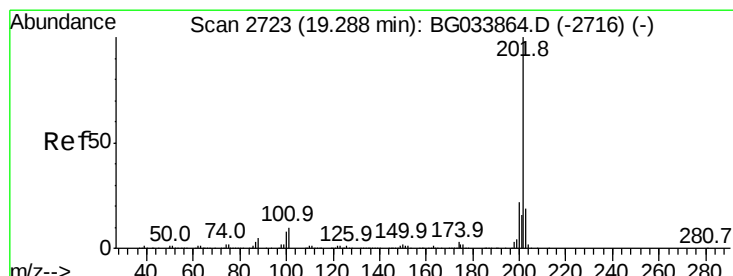
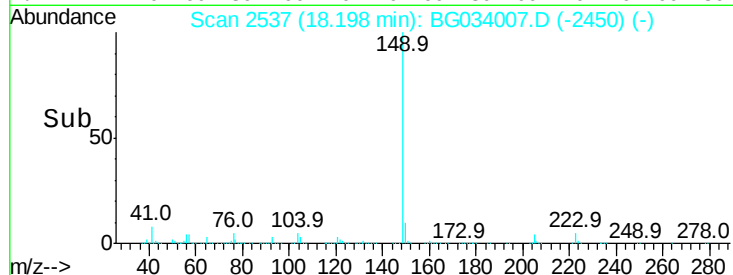
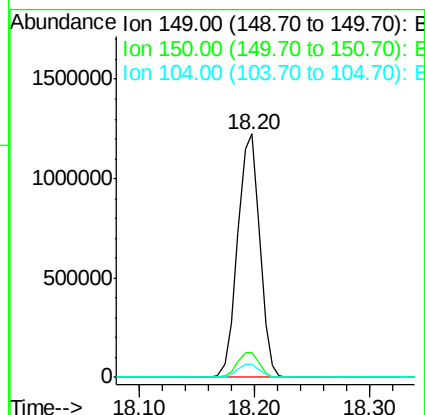
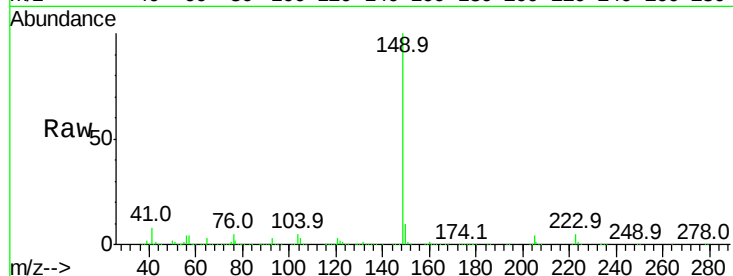




#73
Di-n-butylphthalate
Concen: 42.961 ng
RT: 18.20 min Scan# 2537
Delta R.T. -0.02 min
Lab File: BG034007.D
Acq: 26 Apr 2018 4:45

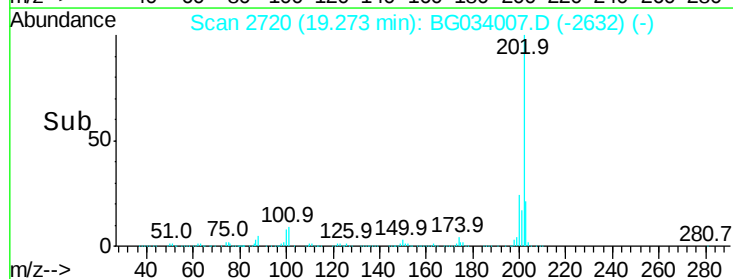
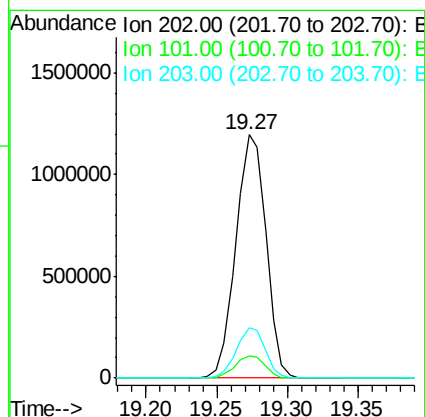
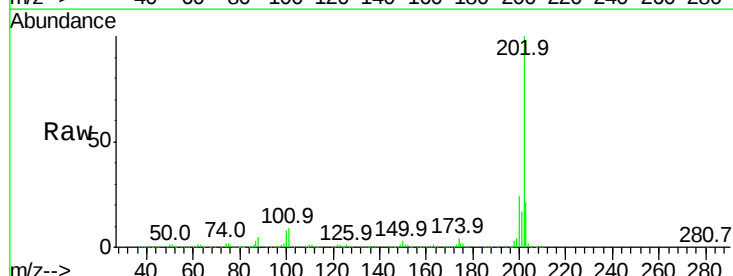
Instrument :
BNA_G
ClientSampleId :

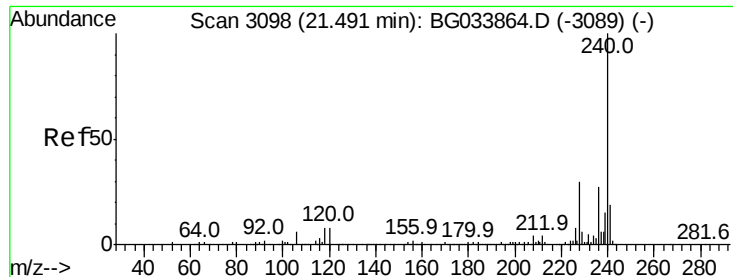
Tot Ion:149 Resp: 1623190
Ion Ratio Lower Upper
149 100
150 10.3 7.8 11.6
104 5.5 3.9 5.9



#74
Fluoranthene
Concen: 46.784 ng
RT: 19.27 min Scan# 2720
Delta R.T. -0.02 min
Lab File: BG034007.D
Acq: 26 Apr 2018 4:45

Tgt Ion:202 Resp: 1781485
Ion Ratio Lower Upper
202 100
101 9.3 0.0 28.9
203 20.9 0.0 37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.47 min Scan# 3094

Delta R.T. -0.02 min

Lab File: BG034007.D

Acq: 26 Apr 2018 4:45

Instrument :

BNA_G

ClientSampleId :

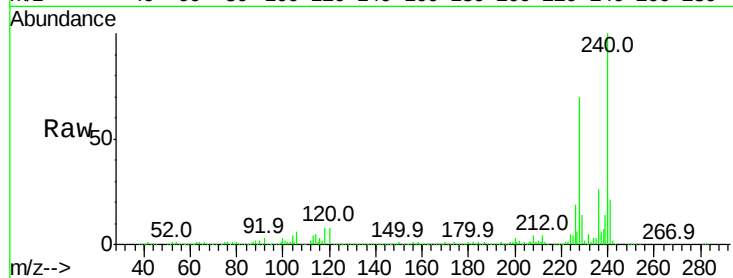
Tot Ion:240 Resp: 599607

Ion Ratio Lower Upper

240 100

120 8.1 6.8 10.2

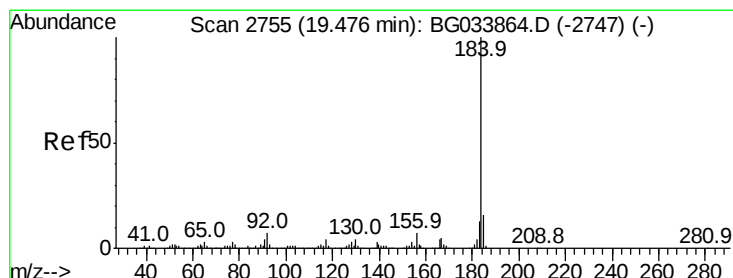
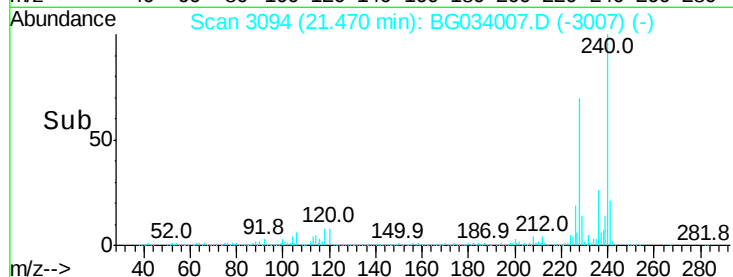
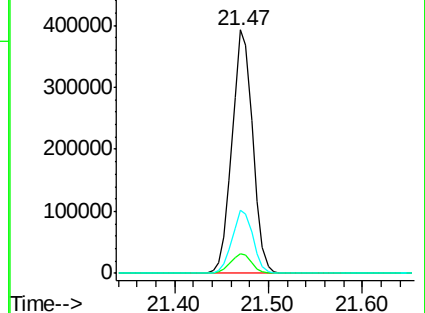
236 25.8 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 9.111 ng

RT: 19.46 min Scan# 2752

Delta R.T. -0.02 min

Lab File: BG034007.D

Acq: 26 Apr 2018 4:45

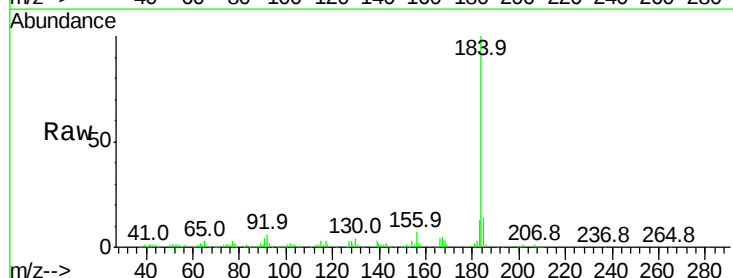
Tgt Ion:184 Resp: 147523

Ion Ratio Lower Upper

184 100

185 13.7 11.1 16.7

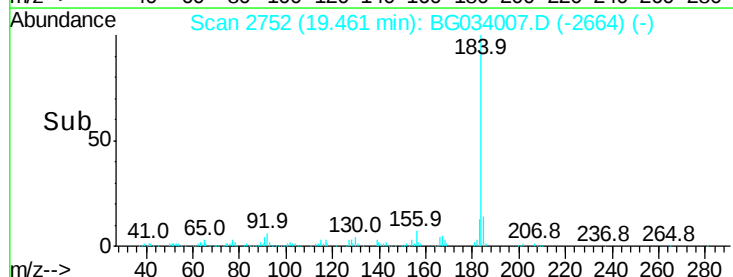
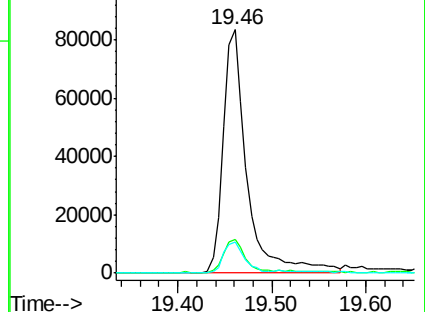
183 12.8 10.6 16.0

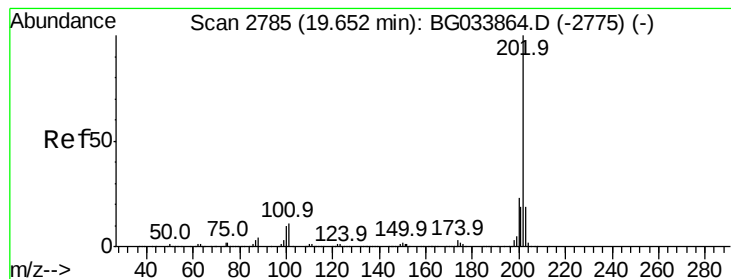


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 45.066 ng

RT: 19.64 min Scan# 2782

Delta R.T. -0.02 min

Lab File: BG034007.D

Acq: 26 Apr 2018 4:45

Instrument :

BNA_G

ClientSampleId :

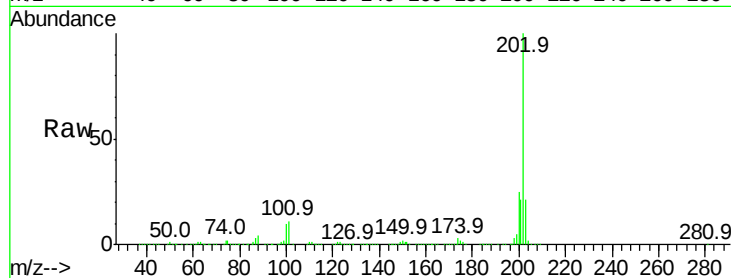
Tot Ion:202 Resp: 1772368

Ion	Ratio	Lower	Upper
202	100		
200	24.5	16.9	25.3
203	20.6	13.9	20.9

202 100

200 24.5 16.9 25.3

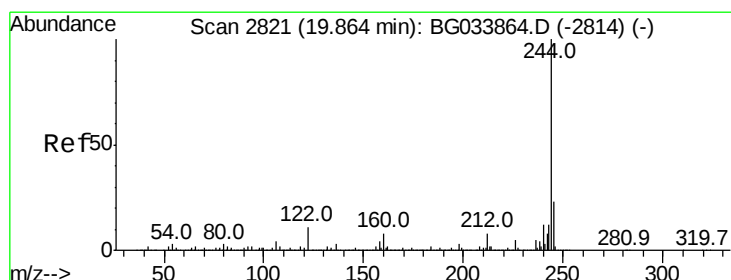
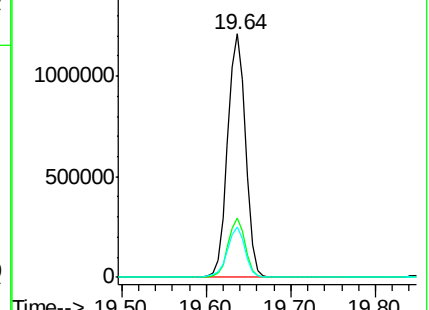
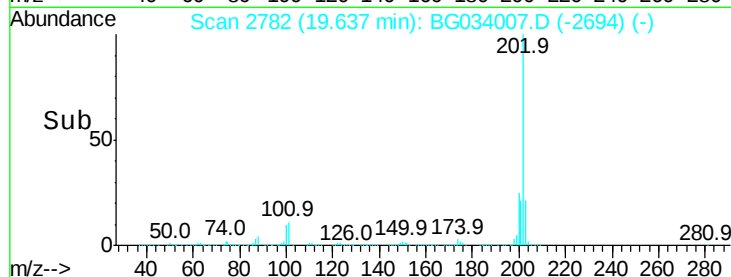
203 20.6 13.9 20.9



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: 93.904 ng

RT: 19.85 min Scan# 2818

Delta R.T. -0.02 min

Lab File: BG034007.D

Acq: 26 Apr 2018 4:45

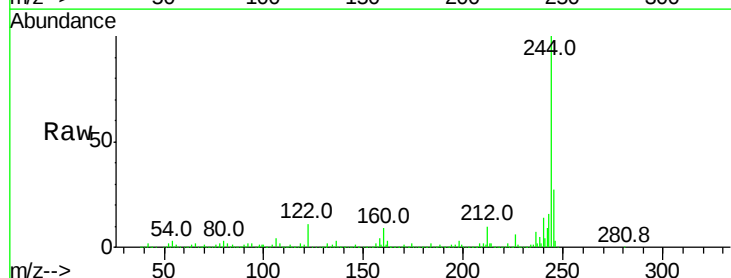
Tgt Ion:244 Resp: 2506233

Ion	Ratio	Lower	Upper
244	100		
212	9.6	5.8	8.8#
122	10.9	7.0	10.4#

244 100

212 9.6 5.8 8.8#

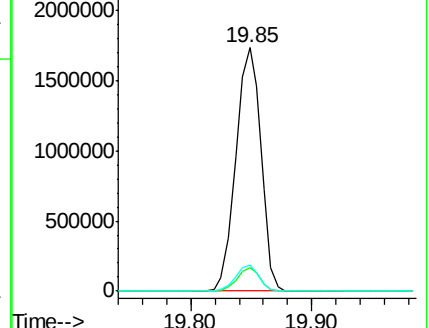
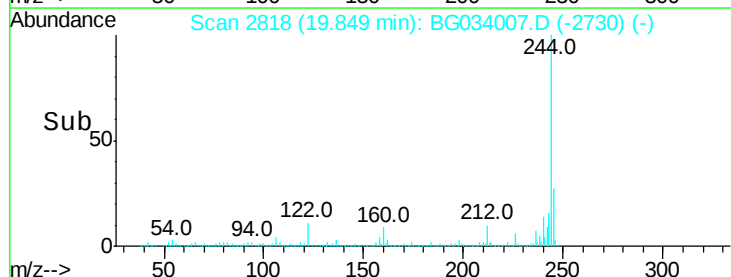
122 10.9 7.0 10.4#

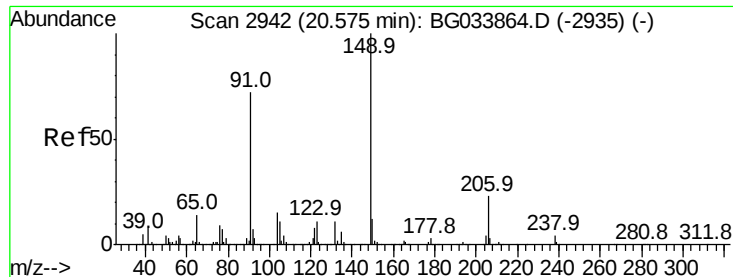


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

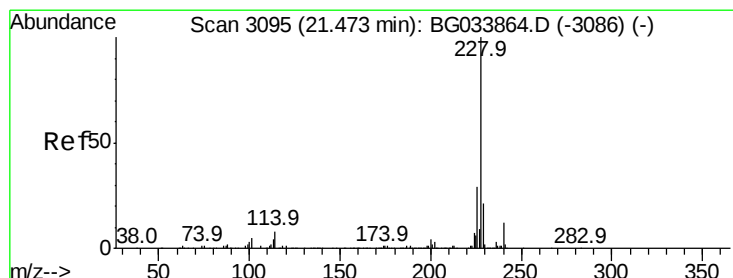
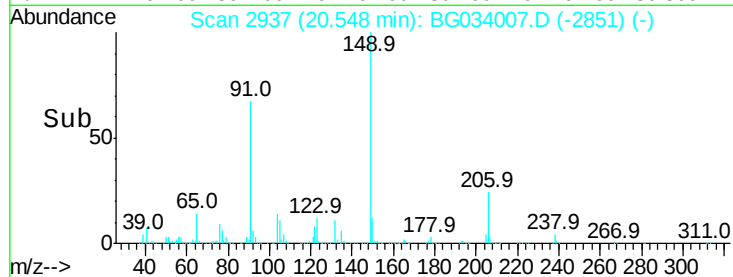
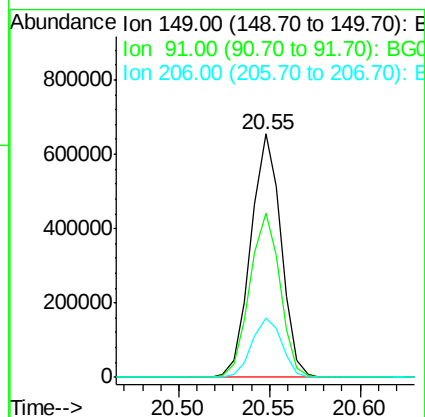
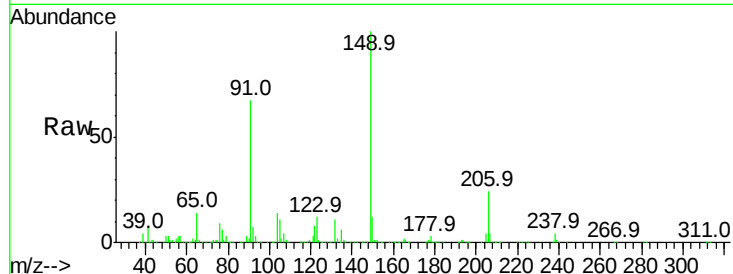




#79
Butylbenzylphthalate
Concen: 44.124 ng
RT: 20.55 min Scan# 2937
Delta R.T. -0.03 min
Lab File: BG034007.D
Acq: 26 Apr 2018 4:45

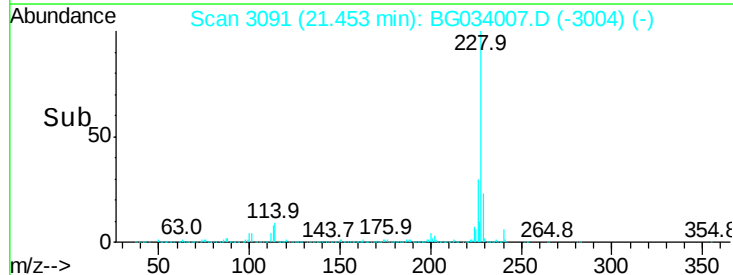
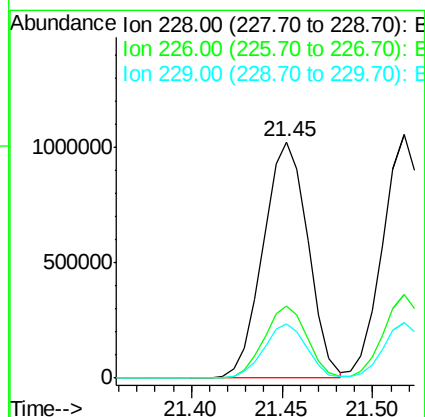
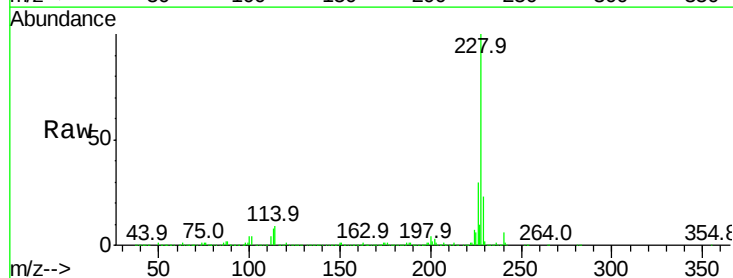
Instrument :
BNA_G
ClientSampleId :

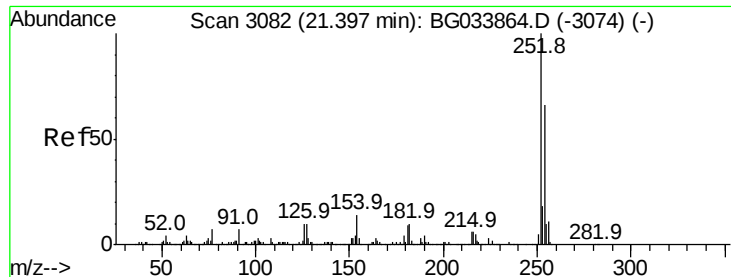
Tot Ion	Ratio	Lower	Upper
149	100		
91	67.4	62.2	93.2
206	24.3	18.6	27.8



#80
Benzo(a)anthracene
Concen: 46.613 ng
RT: 21.45 min Scan# 3091
Delta R.T. -0.02 min
Lab File: BG034007.D
Acq: 26 Apr 2018 4:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	22.7	34.1
229	22.8	16.2	24.2

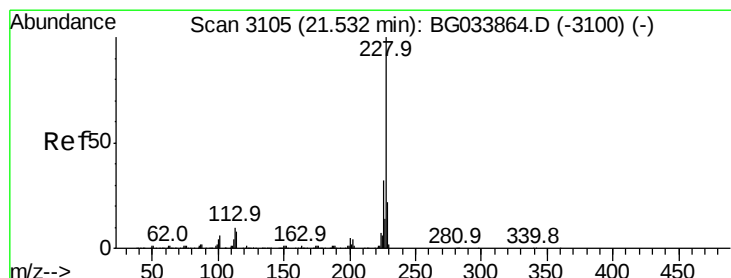
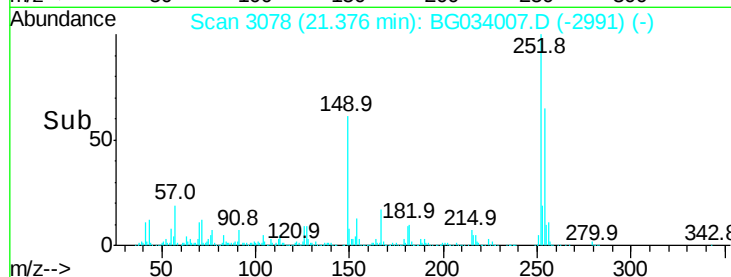
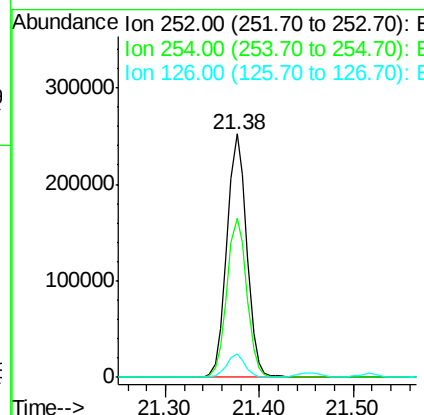
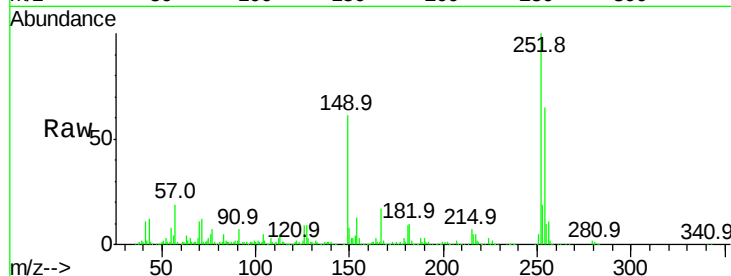




#81
 3,3'-Dichlorobenzidine
 Concen: 26.491 ng
 RT: 21.38 min Scan# 3078
 Delta R.T. -0.02 min
 Lab File: BG034007.D
 Acq: 26 Apr 2018 4:45

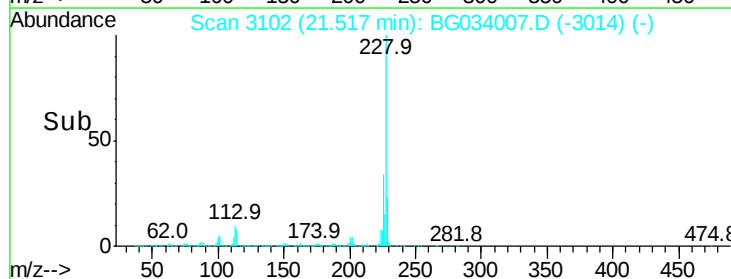
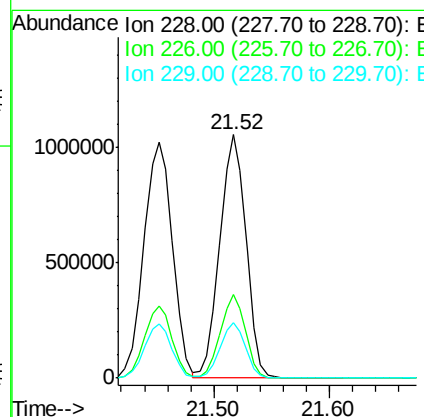
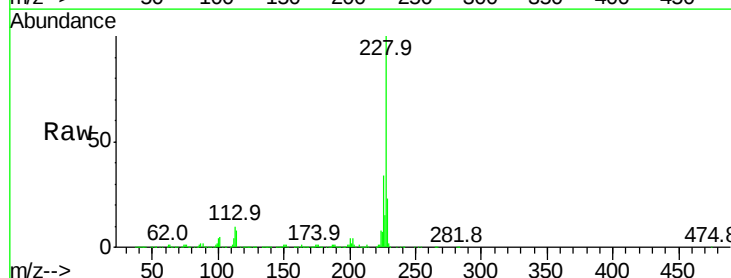
Instrument :
 BNA_G
 ClientSampleId :

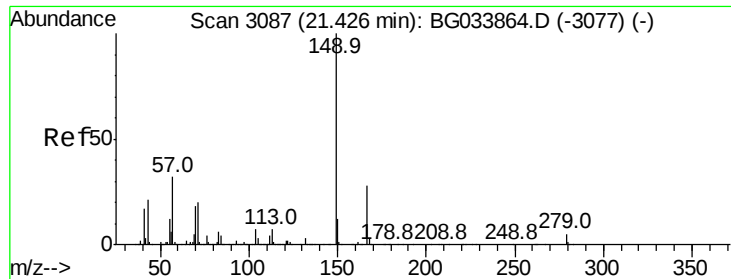
Tot Ion:252 Resp: 373469
 Ion Ratio Lower Upper
 252 100
 254 65.5 50.8 76.2
 126 9.4 7.4 11.2



#82
 Chrysene
 Concen: 45.781 ng
 RT: 21.52 min Scan# 3102
 Delta R.T. -0.02 min
 Lab File: BG034007.D
 Acq: 26 Apr 2018 4:45

Tgt Ion:228 Resp: 1652959
 Ion Ratio Lower Upper
 228 100
 226 34.1 24.9 37.3
 229 22.6 15.0 22.4#



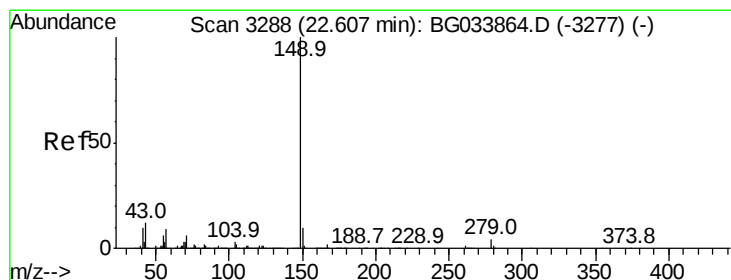
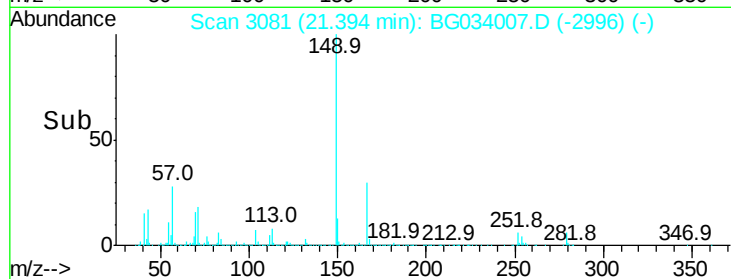
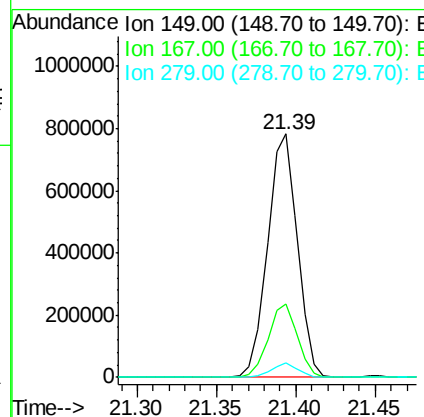
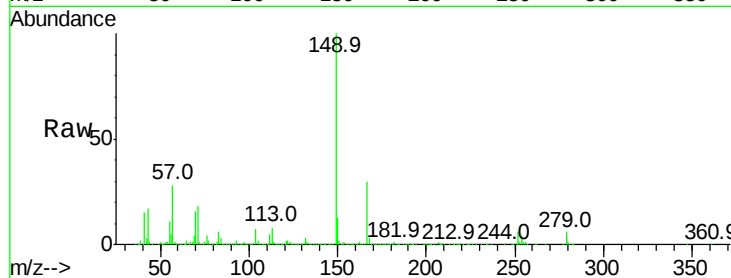


#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.227 ng
 RT: 21.39 min Scan# 3081
 Delta R.T. -0.03 min
 Lab File: BG034007.D
 Acq: 26 Apr 2018 4:45

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:149 Resp: 1029972

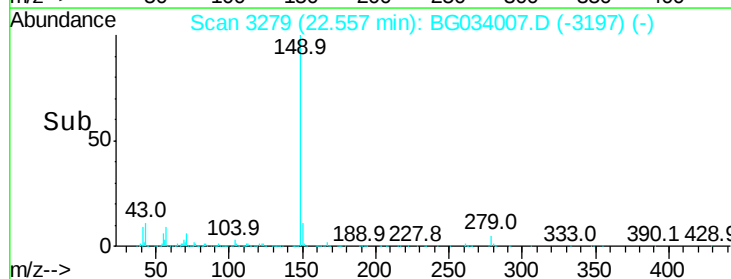
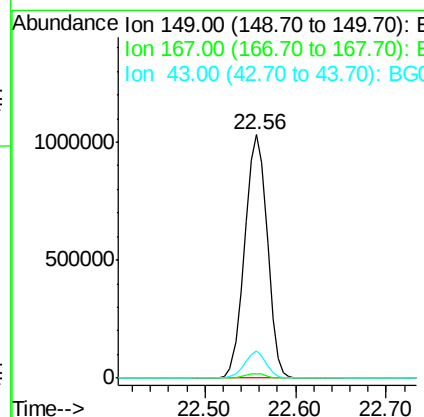
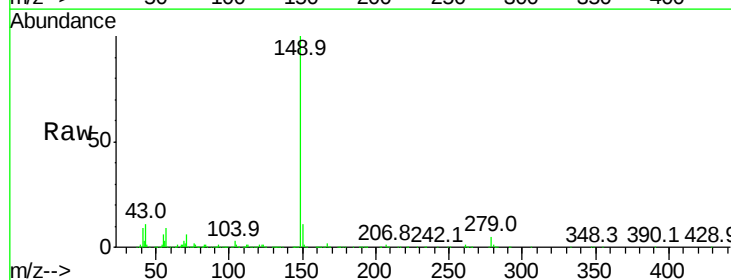
Ion	Ratio	Lower	Upper
149	100		
167	30.0	24.3	36.5
279	5.8	4.0	6.0

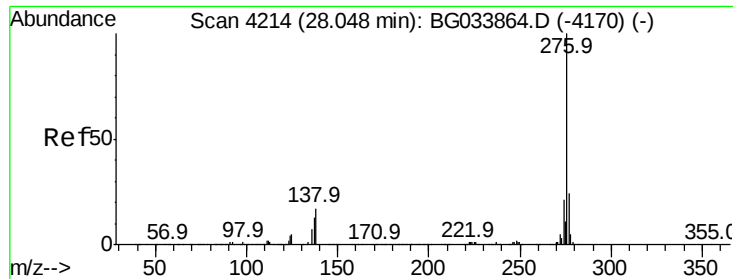


#84
 Di-n-octyl phthalate
 Concen: 45.997 ng
 RT: 22.56 min Scan# 3279
 Delta R.T. -0.05 min
 Lab File: BG034007.D
 Acq: 26 Apr 2018 4:45

Tgt Ion:149 Resp: 1780769

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	10.4	8.9	13.3

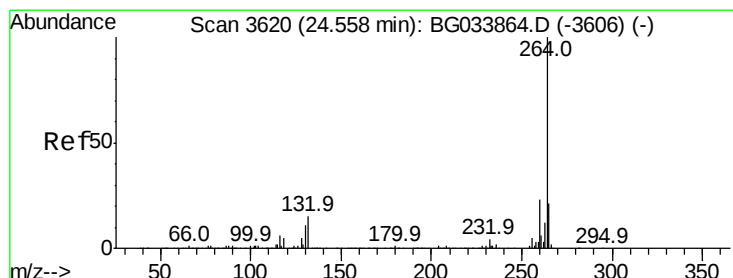
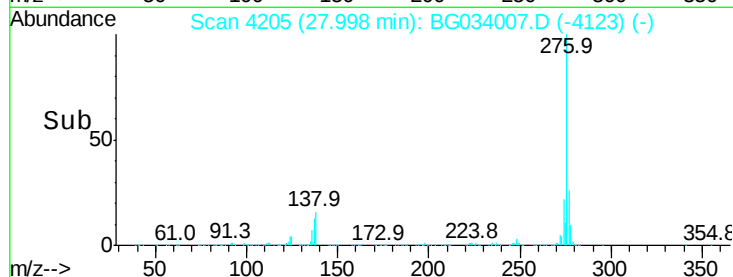
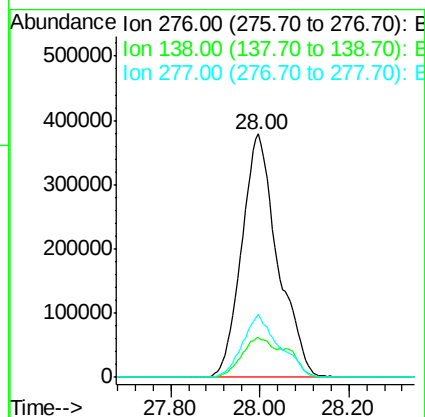
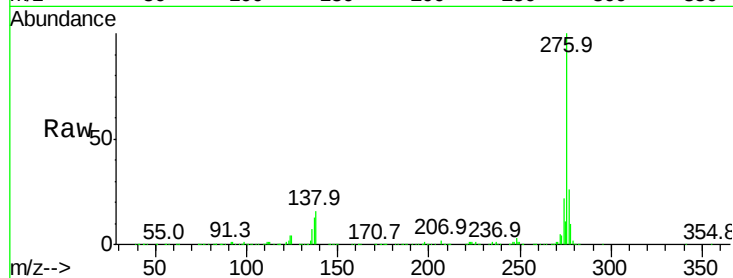




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 51.452 ng
 RT: 28.00 min Scan# 4205
 Delta R.T. -0.05 min
 Lab File: BG034007.D
 Acq: 26 Apr 2018 4:45

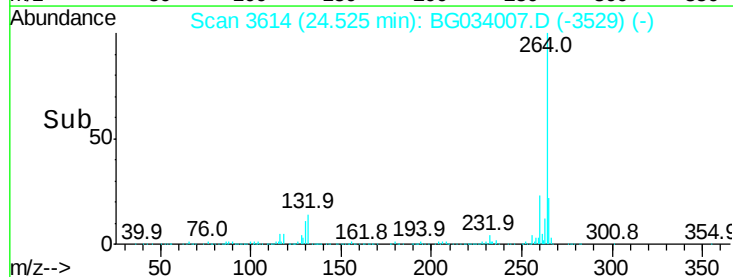
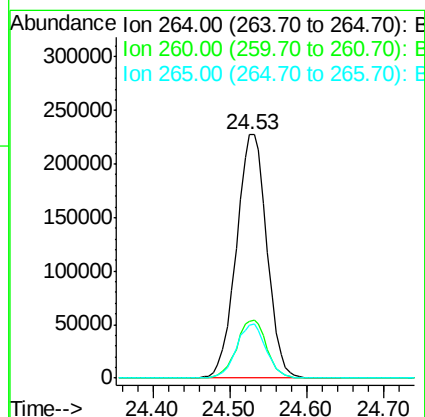
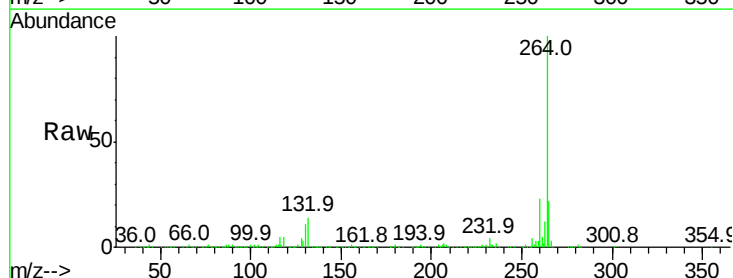
Instrument :
 BNA_G
 ClientSampled :

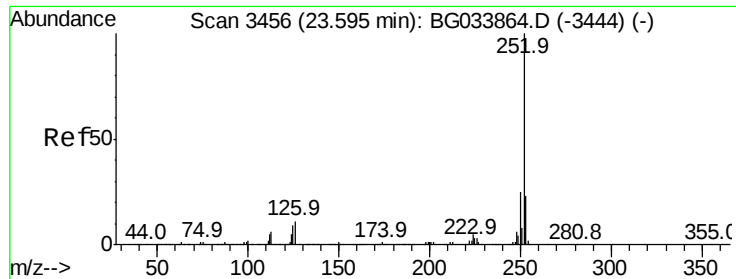
Tot Ion:276 Resp: 2114631
 Ion Ratio Lower Upper
 276 100
 138 14.2 16.0 24.0#
 277 26.2 20.0 30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.53 min Scan# 3614
 Delta R.T. -0.03 min
 Lab File: BG034007.D
 Acq: 26 Apr 2018 4:45

Tgt Ion:264 Resp: 628137
 Ion Ratio Lower Upper
 264 100
 260 23.2 17.4 26.0
 265 22.0 17.7 26.5





#87

Benzo(b)fluoranthene

Concen: 47.361 ng

RT: 23.57 min Scan# 3451

Delta R.T. -0.03 min

Lab File: BG034007.D

Acq: 26 Apr 2018 4:45

Instrument :

BNA_G

ClientSampleId :

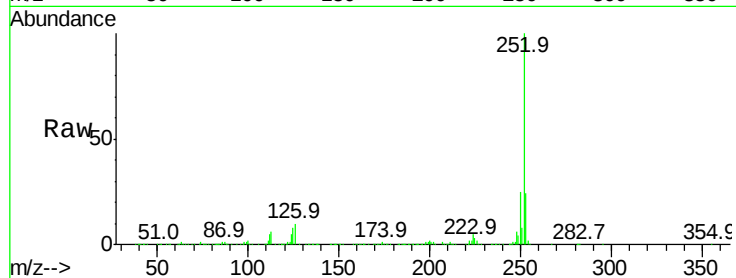
Tot Ion:252 Resp: 1814851

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.2	27.4
125	8.2	7.2	10.8

252 100

253 23.7 18.2 27.4

125 8.2 7.2 10.8

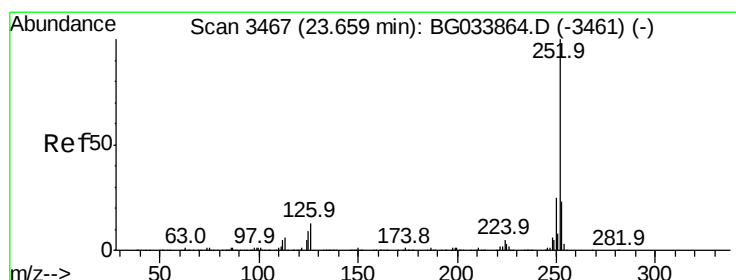
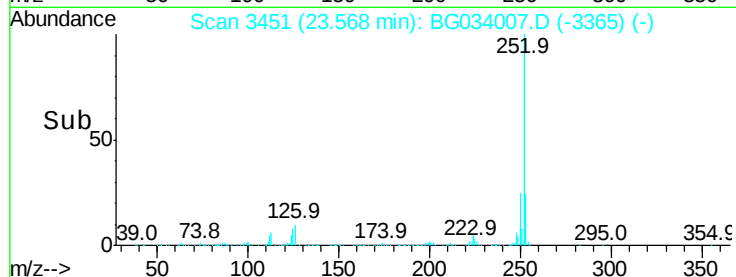
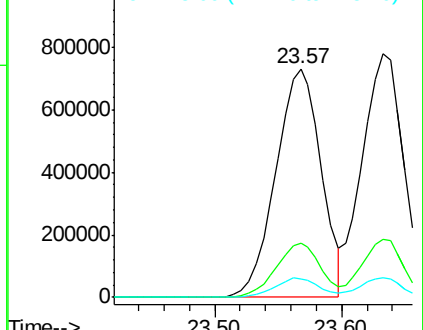


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 46.324 ng

RT: 23.63 min Scan# 3462

Delta R.T. -0.03 min

Lab File: BG034007.D

Acq: 26 Apr 2018 4:45

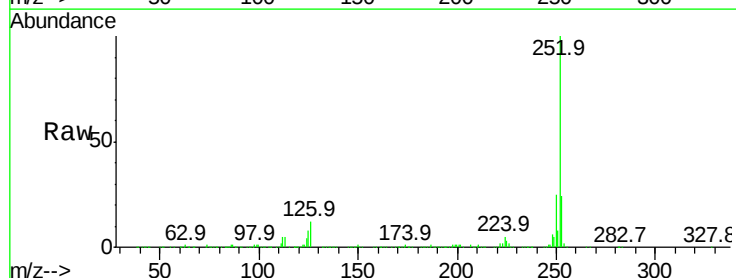
Tgt Ion:252 Resp: 1763297

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.4	26.2
125	8.1	6.6	9.8

252 100

253 23.8 17.4 26.2

125 8.1 6.6 9.8

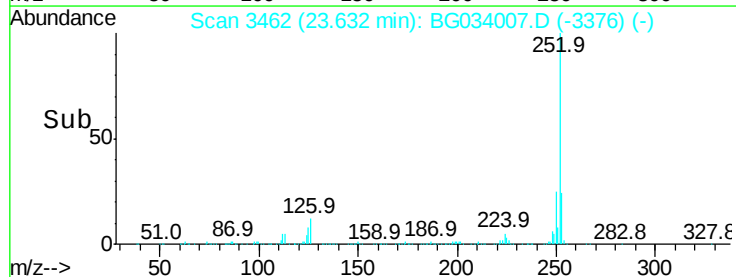
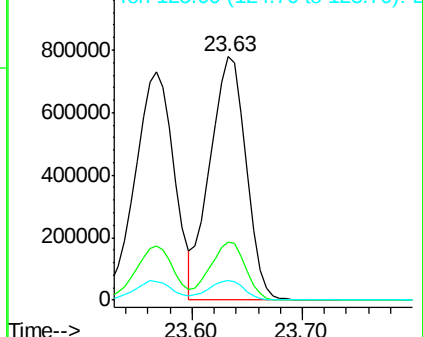


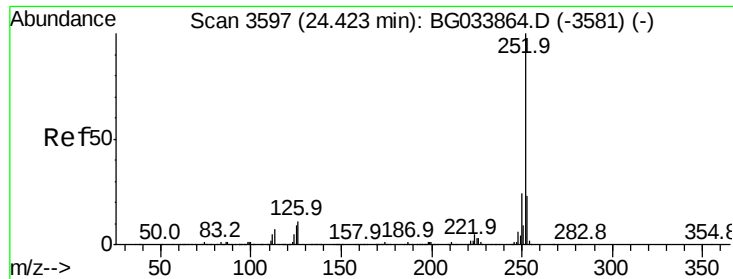
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

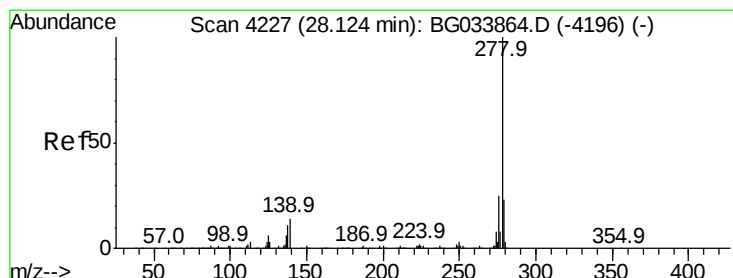
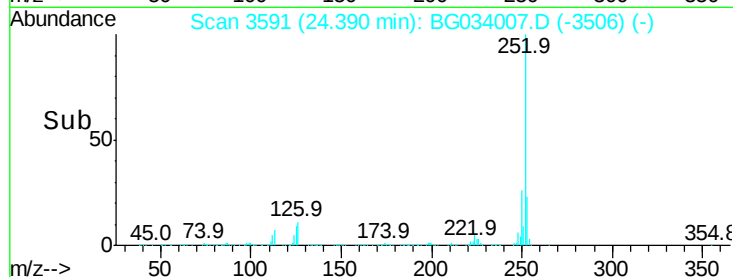
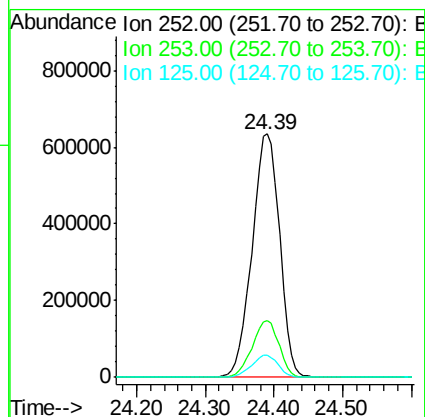
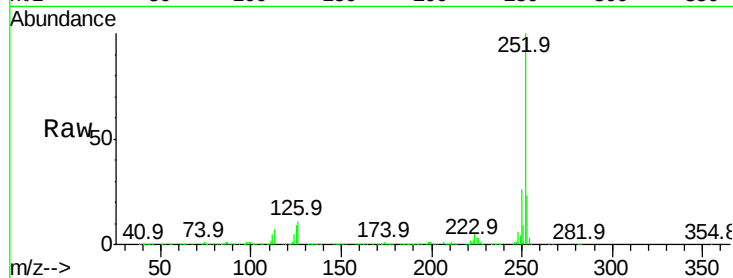




#89
Benzo(a)pyrene
Concen: 48.260 ng
RT: 24.39 min Scan# 3591
Delta R.T. -0.03 min
Lab File: BG034007.D
Acq: 26 Apr 2018 4:45

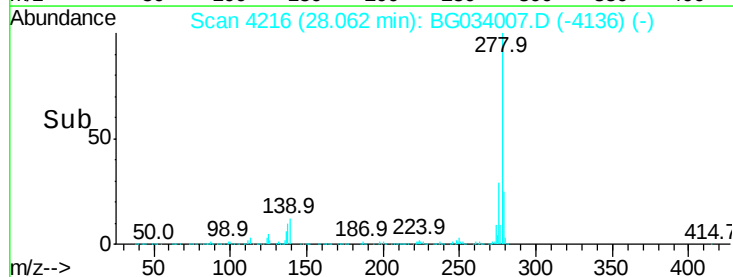
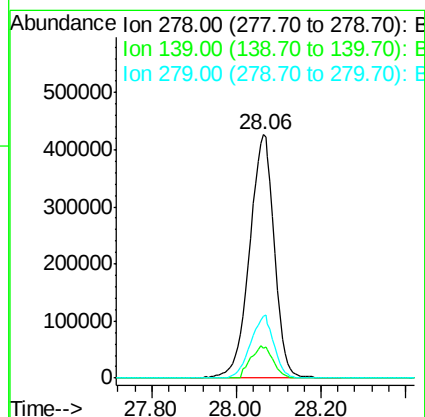
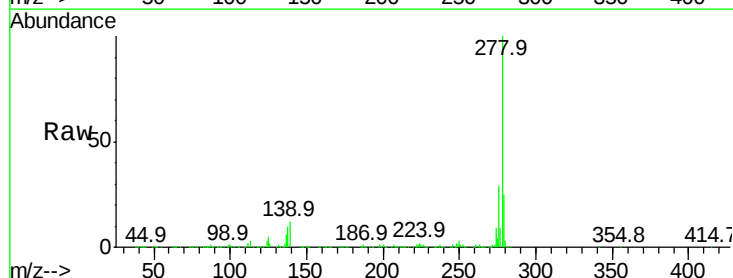
Instrument :
BNA_G
ClientSampleId :

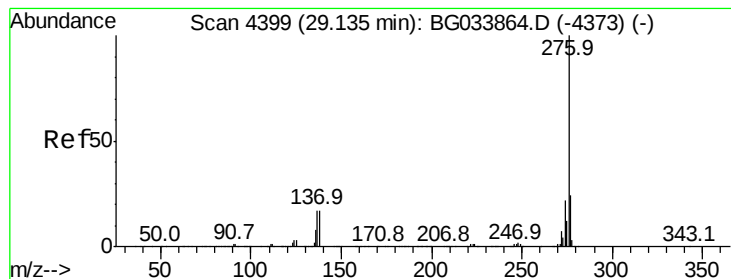
Tot Ion:252 Resp: 1771103
Ion Ratio Lower Upper
252 100
253 23.2 18.3 27.5
125 9.3 7.3 10.9



#90
Dibenzo(a,h)anthracene
Concen: 49.330 ng
RT: 28.06 min Scan# 4216
Delta R.T. -0.06 min
Lab File: BG034007.D
Acq: 26 Apr 2018 4:45

Tgt Ion:278 Resp: 1751760
Ion Ratio Lower Upper
278 100
139 12.5 9.8 14.6
279 25.3 18.4 27.6





#91

Benzo(a,h,i)perylene

Concen: 50.281 ng

RT: 29.08 min Scan# 4389

Delta R.T. -0.06 min

Lab File: BG034007.D

Acq: 26 Apr 2018 4:45

Instrument :

BNA_G

ClientSampleId :

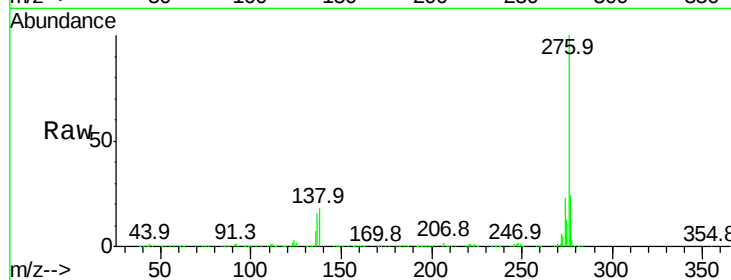
Tot Ion:276 Resp: 1756948

Ion Ratio Lower Upper

276 100

277 24.1 18.3 27.5

138 17.8 13.9 20.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

