

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071818\
 Data File : BG035734.D
 Acq On : 19 Jul 2018 2:03
 Operator : JU/SJ
 Sample : PB111232BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 19 03:42:37 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 18 17:45:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	41106	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	150919	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	107273	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	296244	20.00	ng	0.00
75) Chrysene-d12	21.67	240	331848	20.00	ng	0.00
86) Perylene-d12	24.88	264	323911	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	355462	143.57	ng	0.00
7) Phenol-d6	7.21	99	516393	139.79	ng	0.00
23) Nitrobenzene-d5	9.20	82	319432	88.42	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	215479	152.40	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	731500	91.36	ng	0.00
78) Terphenyl-d14	20.01	244	1368403	90.90	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.53	88	42670	33.861	ng	# 75
3) Pyridine	3.92	79	123309	37.483	ng	# 76
4) n-Nitrosodimethylamine	3.84	42	53570	37.924	ng	# 70
6) Aniline	7.37	93	103931	21.707	ng	99
8) 2-Chlorophenol	7.61	128	123412	49.009	ng	93
9) Benzaldehyde	7.18	77	66741	29.446	ng	98
10) Phenol	7.24	94	184613	49.467	ng	95
11) bis(2-Chloroethyl)ether	7.46	93	121168	41.457	ng	89
12) 1,3-Dichlorobenzene	7.93	146	132197	43.473	ng	96
13) 1,4-Dichlorobenzene	8.07	146	135095	43.725	ng	96
14) 1,2-Dichlorobenzene	8.39	146	128310	43.229	ng	99
15) Benzyl Alcohol	8.28	79	140352	41.839	ng	89
16) 2,2'-oxybis(1-Chloropropan	8.57	45	136027	55.513	ng	75
17) 2-Methylphenol	8.48	107	116844	46.048	ng	# 83
18) Hexachloroethane	9.12	117	50478	42.729	ng	92
19) n-Nitroso-di-n-propylamine	8.84	70	112367	36.123	ng	# 86
20) 3+4-Methylphenols	8.81	107	161635	45.917	ng	93
22) Acetophenone	8.86	105	208941	44.520	ng	# 90
24) Nitrobenzene	9.24	77	168295	46.321	ng	94
25) Isophorone	9.76	82	317671	47.369	ng	100
26) 2-Nitrophenol	9.96	139	70288	54.472	ng	# 87
27) 2,4-Dimethylphenol	10.01	122	128550	58.854	ng	95
28) bis(2-Chloroethoxy)methane	10.24	93	170229	46.065	ng	98
29) 2,4-Dichlorophenol	10.49	162	140397	56.310	ng	98
30) 1,2,4-Trichlorobenzene	10.70	180	145266	47.514	ng	96
31) Naphthalene	10.89	128	363739	46.268	ng	97
32) Benzoic acid	10.14	122	24801	16.867	ng	87
33) 4-Chloroaniline	11.00	127	57520	16.787	ng	91
34) Hexachlorobutadiene	11.17	225	110121	46.190	ng	98
35) Caprolactam	11.77	113	32084	29.986	ng	# 66
36) 4-Chloro-3-methylphenol	12.13	107	170408	50.989	ng	98
37) 2-Methylnaphthalene	12.50	142	285693	48.779	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	191971	47.414	ng	99
40) Hexachlorocyclopentadiene	12.84	237	247402	116.513	ng	93

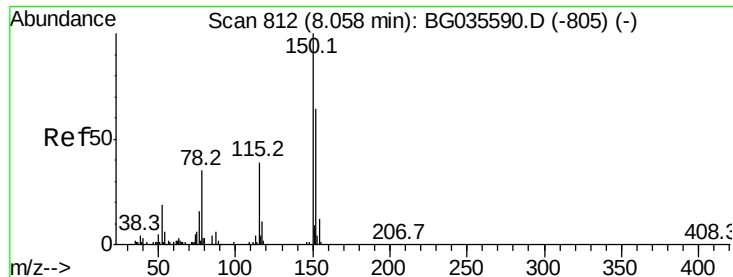
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071818\
 Data File : BG035734.D
 Acq On : 19 Jul 2018 2:03
 Operator : JU/SJ
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 18 17:45:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	128834	54.411	nq	97
43) 2,4,5-Trichlorophenol	13.18	196	141783	53.527	nq	93
45) 1,1'-Biphenyl	13.49	154	396492	47.674	nq	96
46) 2-Chloronaphthalene	13.54	162	311506	48.152	nq	98
47) 2-Nitroaniline	13.75	65	112741	49.295	nq	97
48) Acenaphthylene	14.39	152	513068	47.346	nq	98
49) Dimethylphthalate	14.12	163	436925	46.488	nq	99
50) 2,6-Dinitrotoluene	14.23	165	99857	52.174	nq	93
51) Acenaphthene	14.73	154	306099	45.345	nq	99
52) 3-Nitroaniline	14.57	138	45963	23.496	nq #	96
53) 2,4-Dinitrophenol	14.80	184	1041	7.553	nq #	64
54) Dibenzofuran	15.06	168	513217	47.804	nq	94
55) 4-Nitrophenol	14.89	139	137717	98.856	nq #	84
56) 2,4-Dinitrotoluene	15.02	165	146879	53.492	nq	89
57) Fluorene	15.71	166	429856	47.772	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.29	232	133705	52.646	nq	94
59) Diethylphthalate	15.47	149	439877	45.516	nq	99
60) 4-Chlorophenyl-phenylether	15.70	204	245032	46.332	nq	97
61) 4-Nitroaniline	15.73	138	100409	49.070	nq #	76
62) Azobenzene	15.99	77	442196	46.387	nq	95
64) 4,6-Dinitro-2-methylphenol	15.79	198	21395	12.974	nq	90
65) n-Nitrosodiphenylamine	15.91	169	380589	45.135	nq	97
66) 4-Bromophenyl-phenylether	16.59	248	164091	47.743	nq	95
67) Hexachlorobenzene	16.71	284	167874	47.430	nq	95
68) Atrazine	16.86	200	178237	51.339	nq	96
69) Pentachlorophenol	17.06	266	81871	37.977	nq	98
70) Phenanthrene	17.45	178	706676	47.806	nq	98
71) Anthracene	17.54	178	716987	48.712	nq	98
72) Carbazole	17.81	167	671521	48.040	nq	98
73) Di-n-butylphthalate	18.36	149	765252	46.327	nq #	98
74) Fluoranthene	19.46	202	943680	47.394	nq	98
76) Benzidine	19.63	184	332485	38.110	nq	98
77) Pyrene	19.81	202	945372	45.054	nq	99
79) Butylbenzylphthalate	20.70	149	361630	48.194	nq	98
80) Benzo(a)anthracene	21.65	228	972078	47.006	nq	99
81) 3,3'-Dichlorobenzidine	21.57	252	183198	25.407	nq #	98
82) Chrysene	21.72	228	919119	47.962	nq	98
83) Bis(2-ethylhexyl)phthalate	21.55	149	499008	48.916	nq	98
84) Di-n-octyl phthalate	22.76	149	854855	50.048	nq #	93
85) Indeno(1,2,3-cd)pyrene	28.54	276	1063225	50.113	nq #	94
87) Benzo(b)fluoranthene	23.86	252	965854	49.060	nq #	97
88) Benzo(k)fluoranthene	23.93	252	895199	46.511	nq #	98
89) Benzo(a)pyrene	24.73	252	910167	49.694	nq #	97
90) Dibenzo(a,h)anthracene	28.60	278	876402	48.740	nq #	94
91) Benzo(g,h,i)perylene	29.68	276	885561	50.329	nq #	93

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

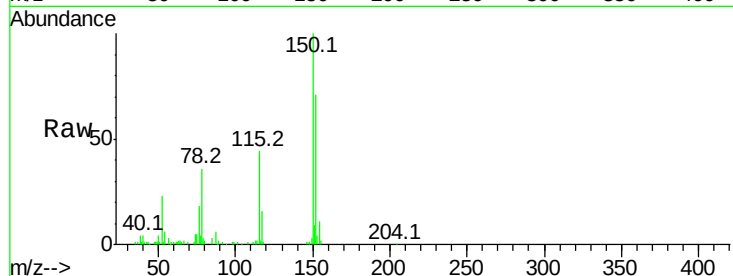


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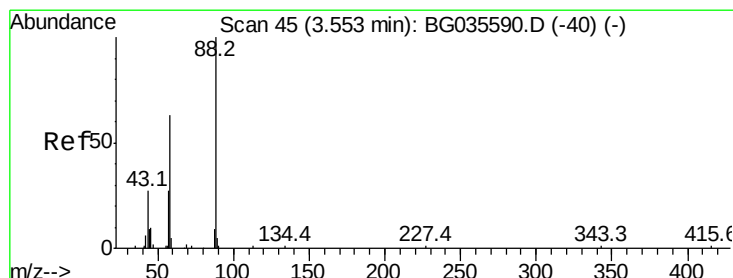
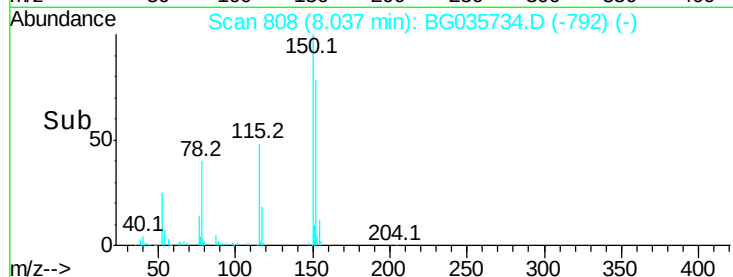
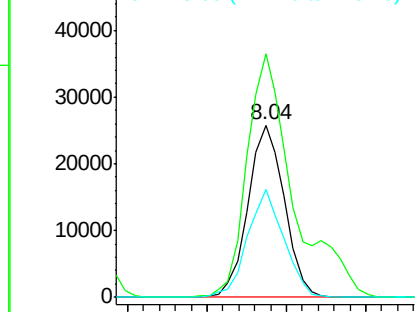
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 808
Delta R.T. -0.00 min
Lab File: BG035734.D
Acq: 19 Jul 2018 2:03

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 41106
Ion Ratio Lower Upper
152 100
150 141.4 126.6 189.8
115 62.4 53.0 79.4



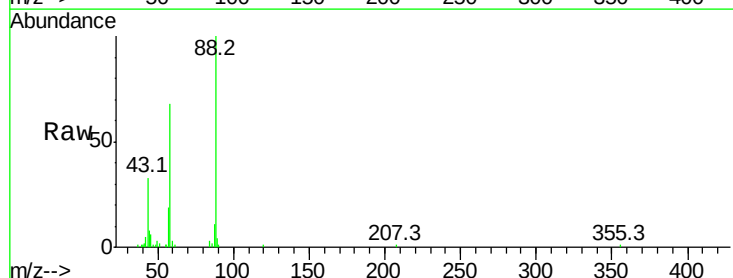
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



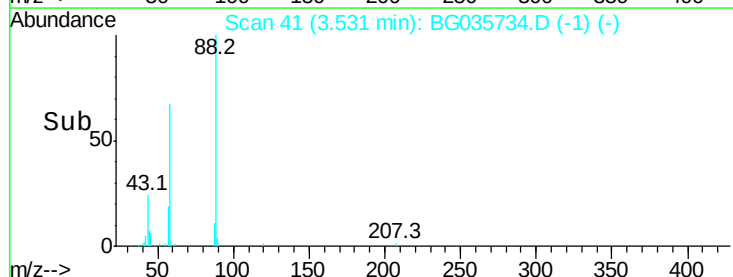
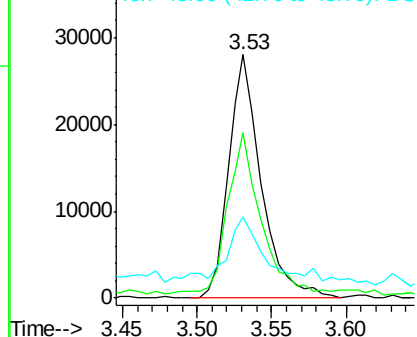
#2

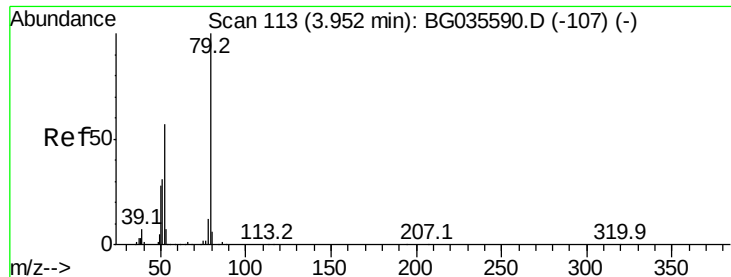
1,4-Dioxane
Concen: 33.861 ng
RT: 3.53 min Scan# 41
Delta R.T. -0.00 min
Lab File: BG035734.D
Acq: 19 Jul 2018 2:03

Tgt Ion: 88 Resp: 42670
Ion Ratio Lower Upper
88 100
58 67.0 79.6 119.4#
43 36.9 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: 37.483 ng

RT: 3.92 min Scan# 108

Delta R.T. -0.01 min

Lab File: BG035734.D

Acq: 19 Jul 2018 2:03

Instrument :

BNA_G

ClientSampleId :

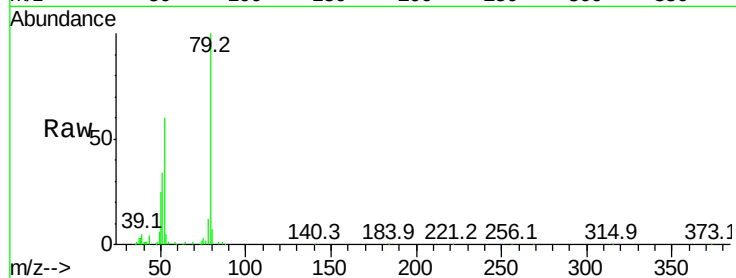
Tot Ion: 79 Resp: 123309

Ion Ratio Lower Upper

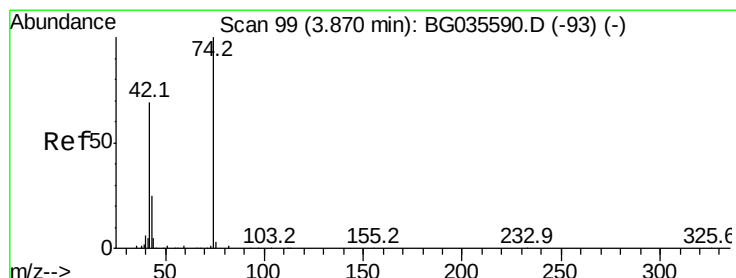
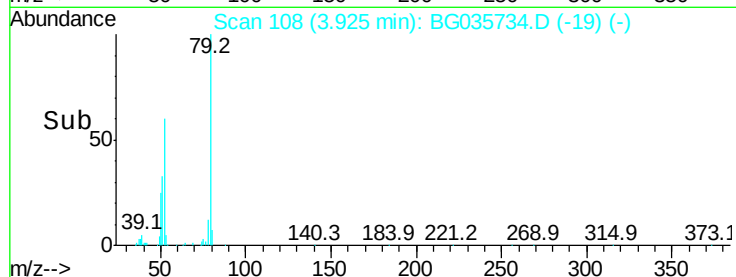
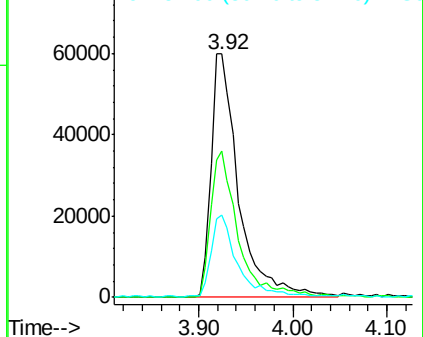
79 100

52 60.3 69.9 104.9#

51 33.8 34.0 51.0#



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



#4

n-Nitrosodimethylamine

Concen: 37.924 ng

RT: 3.84 min Scan# 94

Delta R.T. -0.00 min

Lab File: BG035734.D

Acq: 19 Jul 2018 2:03

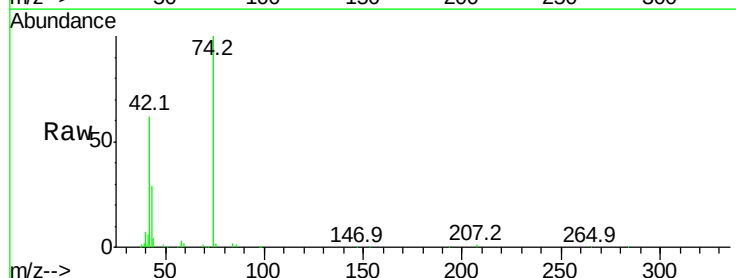
Tgt Ion: 42 Resp: 53570

Ion Ratio Lower Upper

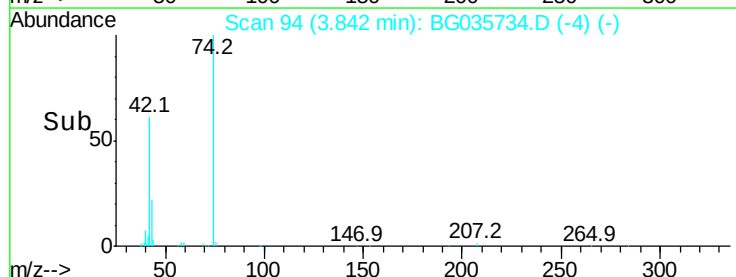
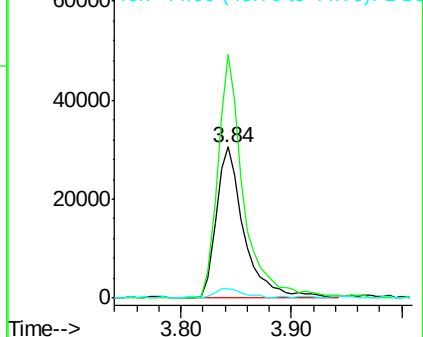
42 100

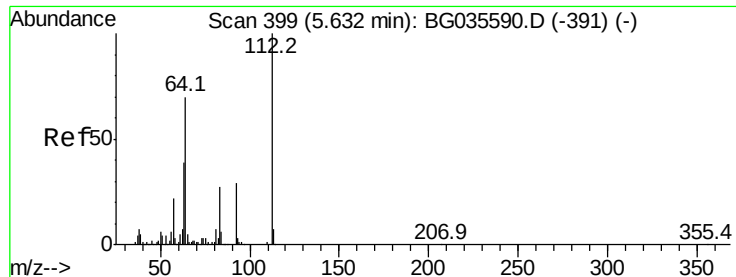
74 160.9 102.5 153.7#

44 6.2 18.9 28.3#



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





#5

2-Fluorophenol

Concen: 143.568 ng

RT: 5.62 min Scan# 397

Delta R.T. 0.00 min

Lab File: BG035734.D

Acq: 19 Jul 2018 2:03

Instrument :

BNA_G

ClientSampleId :

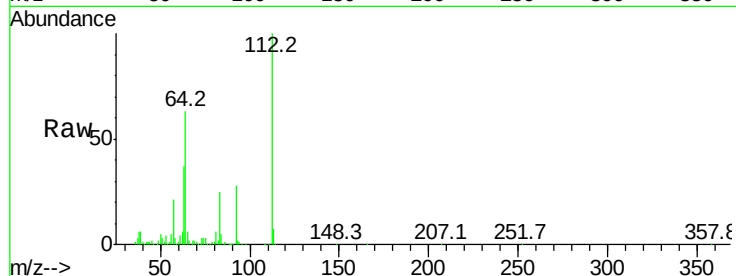
Tot Ion:112 Resp: 355462

Ion Ratio Lower Upper

112 100

64 63.5 56.3 84.5

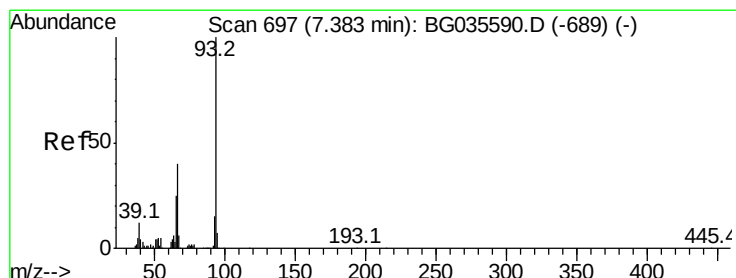
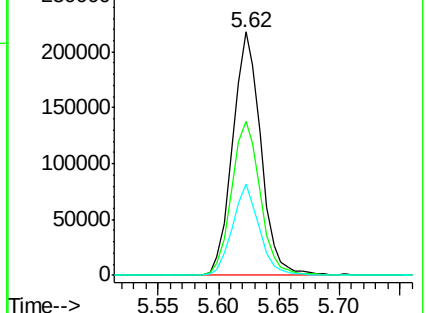
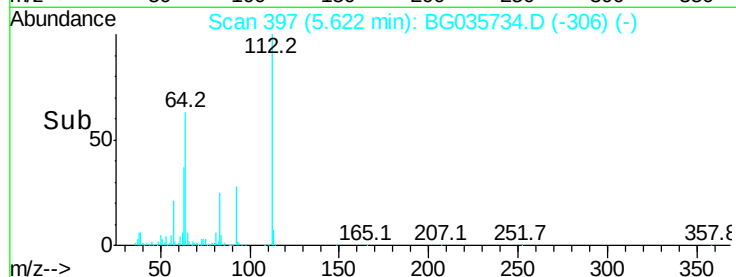
63 37.4 30.1 45.1



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: 21.707 ng

RT: 7.37 min Scan# 694

Delta R.T. 0.00 min

Lab File: BG035734.D

Acq: 19 Jul 2018 2:03

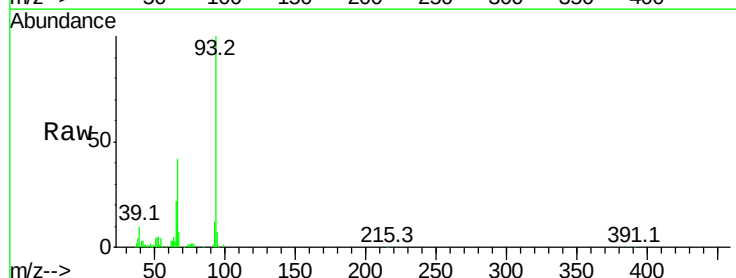
Tgt Ion: 93 Resp: 103931

Ion Ratio Lower Upper

93 100

66 42.0 33.7 50.5

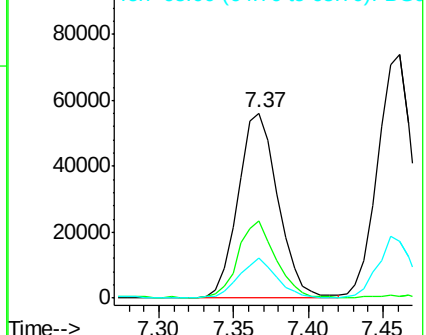
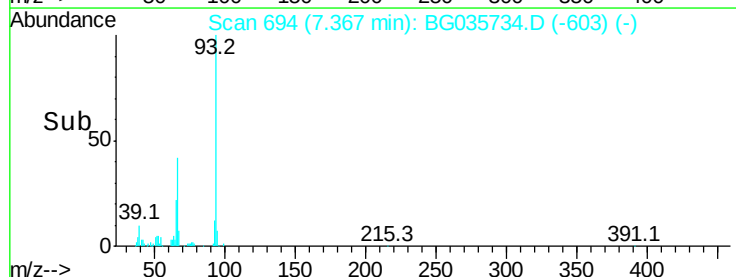
65 21.8 16.1 24.1

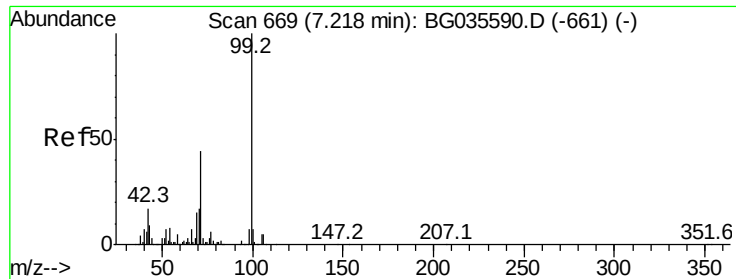


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 139.791 ng

RT: 7.21 min Scan# 667

Delta R.T. 0.00 min

Lab File: BG035734.D

Acq: 19 Jul 2018 2:03

Instrument :

BNA_G

ClientSampleId :

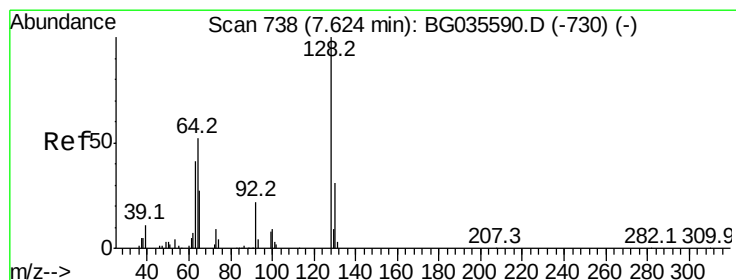
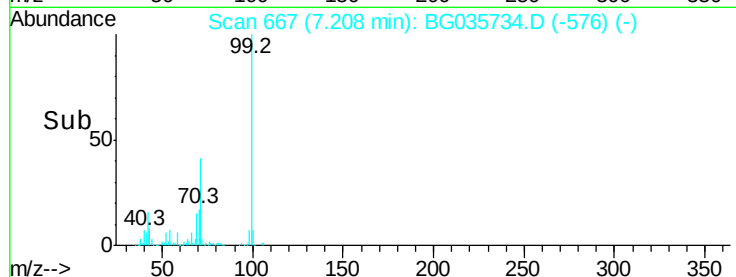
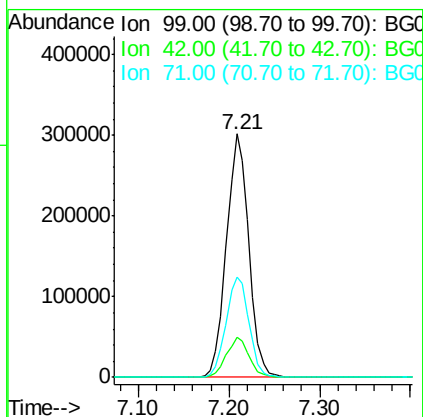
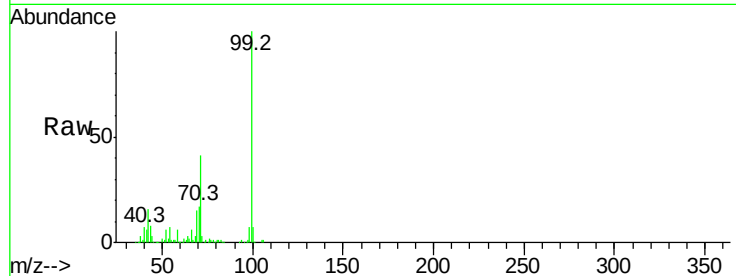
Tot Ion: 99 Resp: 516393

Ion Ratio Lower Upper

99 100

42 16.5 14.1 21.1

71 41.1 26.1 39.1#



#8

2-Chlorophenol

Concen: 49.009 ng

RT: 7.61 min Scan# 735

Delta R.T. 0.00 min

Lab File: BG035734.D

Acq: 19 Jul 2018 2:03

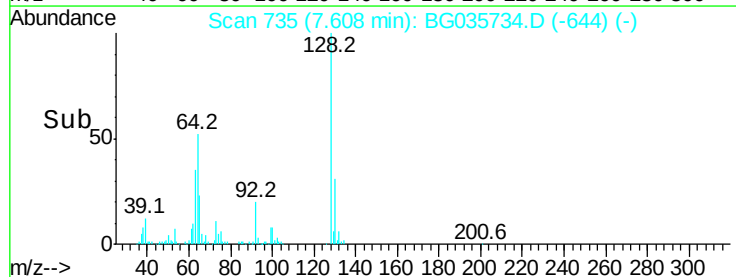
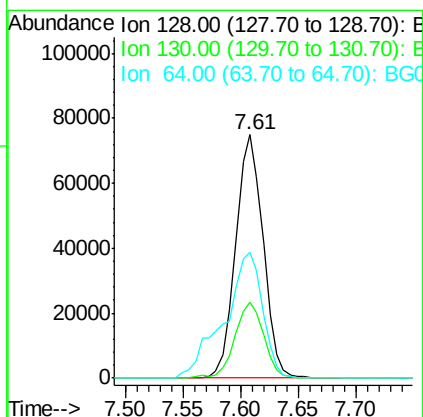
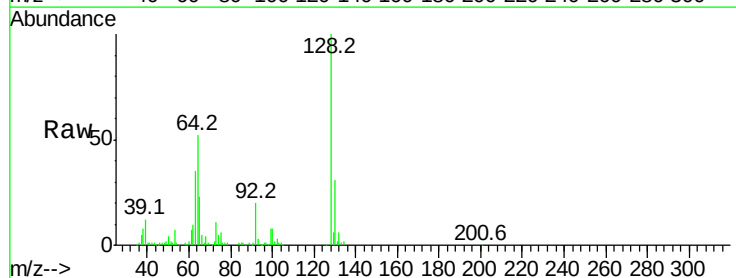
Tgt Ion: 128 Resp: 123412

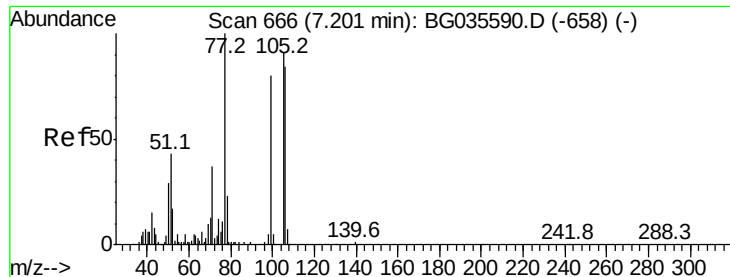
Ion Ratio Lower Upper

128 100

130 31.3 14.0 54.0

64 51.8 37.7 77.7





#9

Benzaldehyde

Concen: 29.446 ng

RT: 7.18 min Scan# 662

Delta R.T. 0.00 min

Lab File: BG035734.D

Acq: 19 Jul 2018 2:03

Instrument :

BNA_G

ClientSampleId :

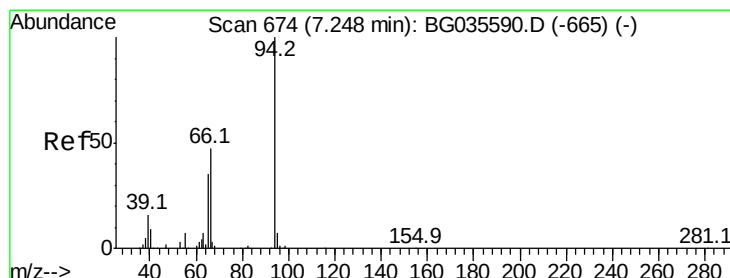
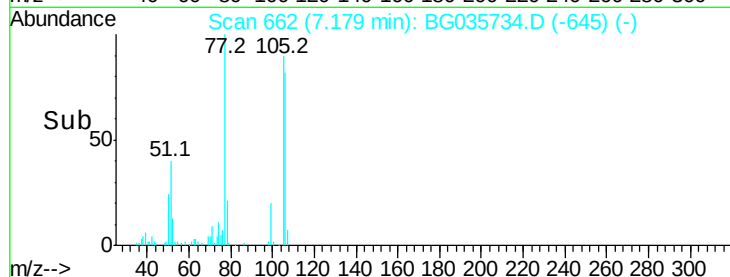
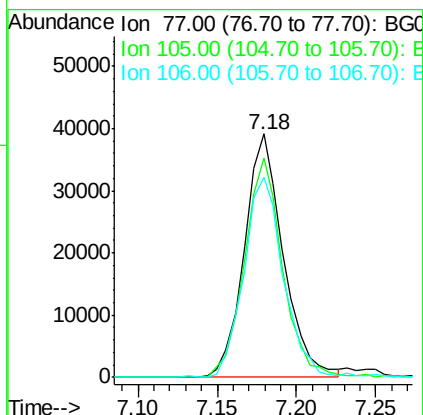
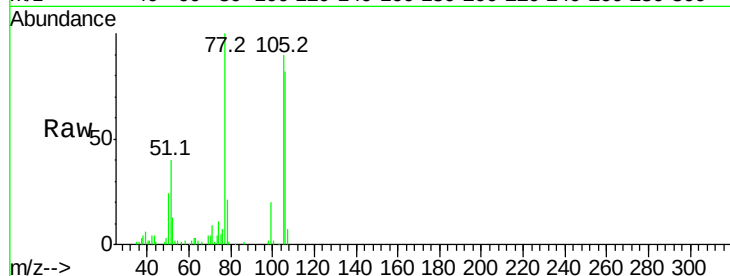
Tot Ion: 77 Resp: 66741

Ion Ratio Lower Upper

77 100

105 89.9 71.3 111.3

106 82.3 64.2 104.2



#10

Phenol

Concen: 49.467 ng

RT: 7.24 min Scan# 672

Delta R.T. 0.00 min

Lab File: BG035734.D

Acq: 19 Jul 2018 2:03

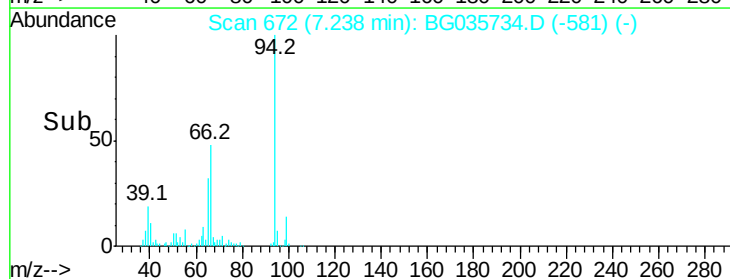
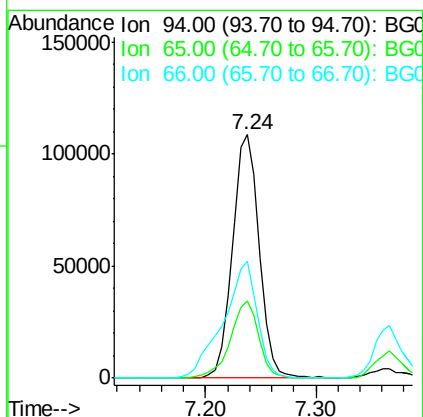
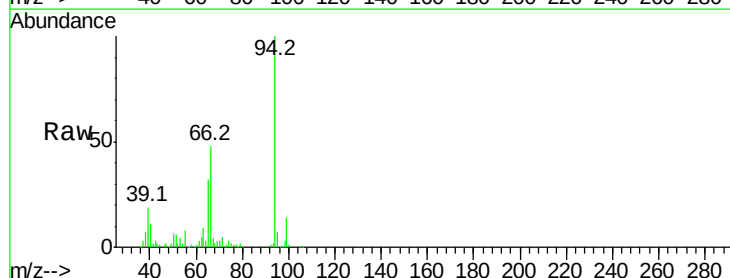
Tgt Ion: 94 Resp: 184613

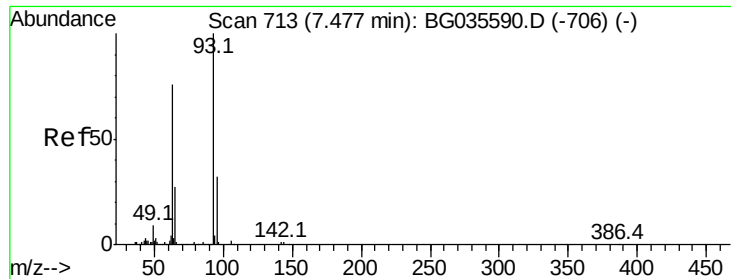
Ion Ratio Lower Upper

94 100

65 31.7 11.9 51.9

66 47.8 22.2 62.2

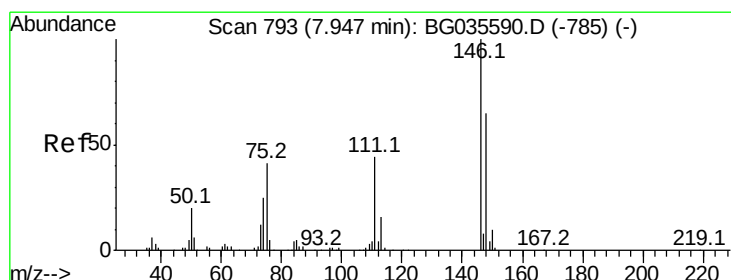
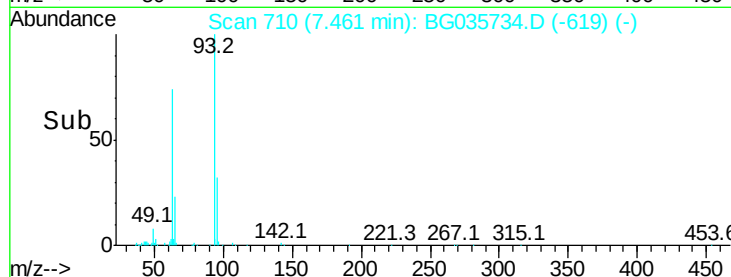
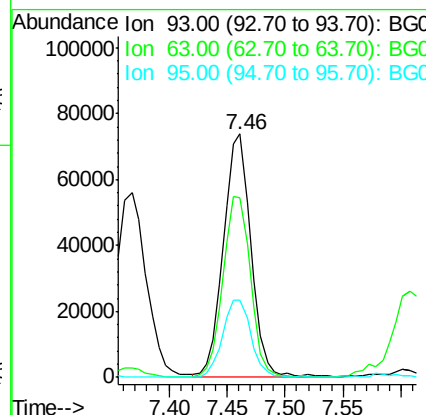
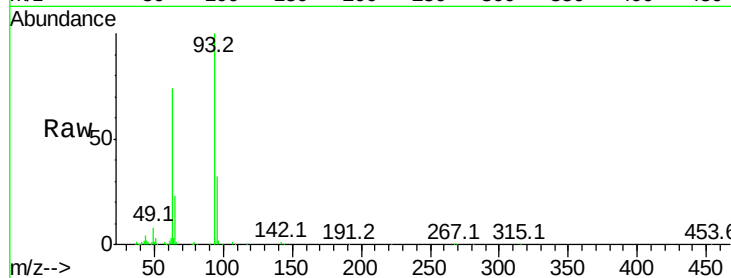




#11
bis(2-Chloroethyl)ether
Concen: 41.457 ng
RT: 7.46 min Scan# 710
Delta R.T. 0.00 min
Lab File: BG035734.D
Acq: 19 Jul 2018 2:03

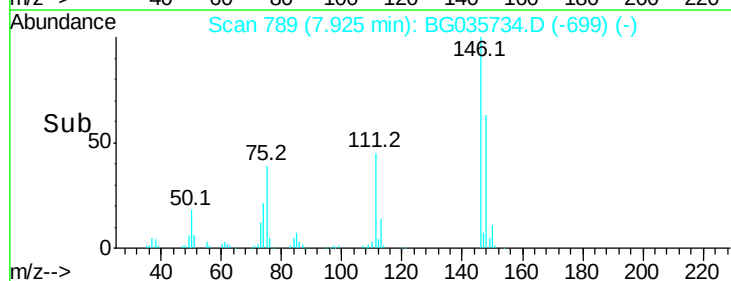
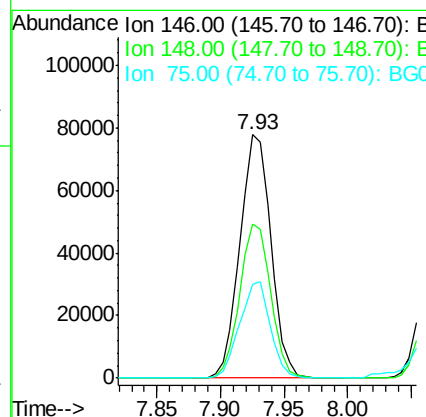
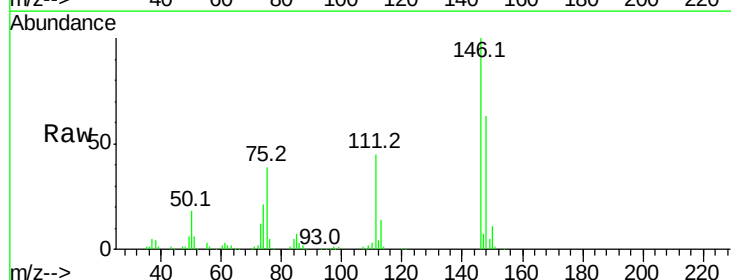
Instrument :
BNA_G
ClientSampleId :

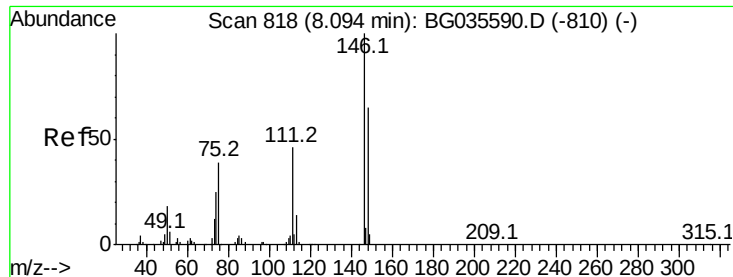
Tot Ion: 93 Resp: 121168
Ion Ratio Lower Upper
93 100
63 73.6 67.1 107.1
95 31.8 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 43.473 ng
RT: 7.93 min Scan# 789
Delta R.T. -0.00 min
Lab File: BG035734.D
Acq: 19 Jul 2018 2:03

Tgt Ion: 146 Resp: 132197
Ion Ratio Lower Upper
146 100
148 63.3 51.4 77.2
75 38.8 26.6 39.8





#13

1,4-Dichlorobenzene

Concen: 43.725 ng

RT: 8.07 min Scan# 814

Delta R.T. -0.00 min

Lab File: BG035734.D

Acq: 19 Jul 2018 2:03

Instrument :

BNA_G

ClientSampleId :

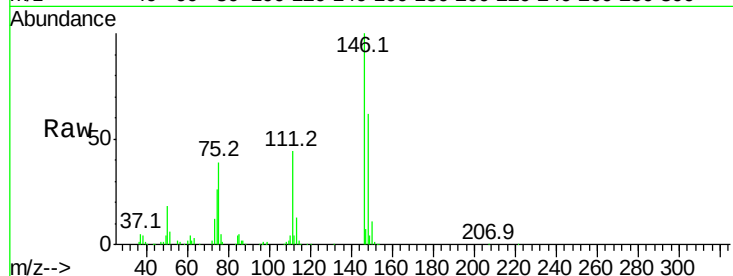
Tot Ion:146 Resp: 135095

Ion Ratio Lower Upper

146 100

148 62.3 53.7 80.5

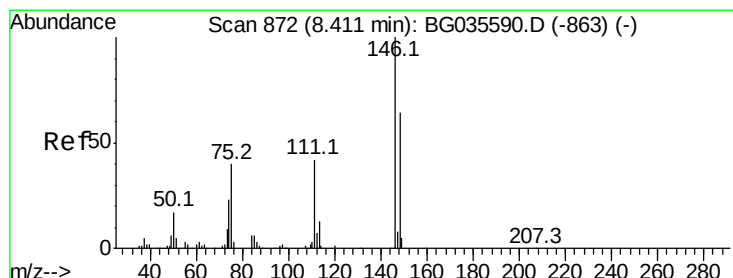
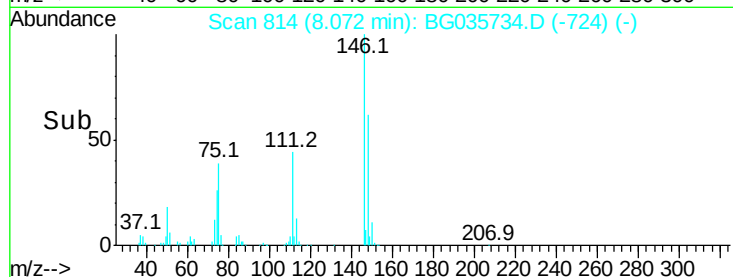
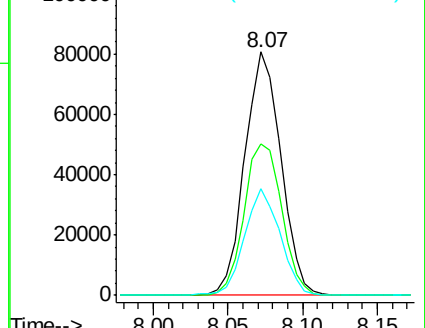
111 43.7 35.2 52.8



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: 43.229 ng

RT: 8.39 min Scan# 868

Delta R.T. -0.00 min

Lab File: BG035734.D

Acq: 19 Jul 2018 2:03

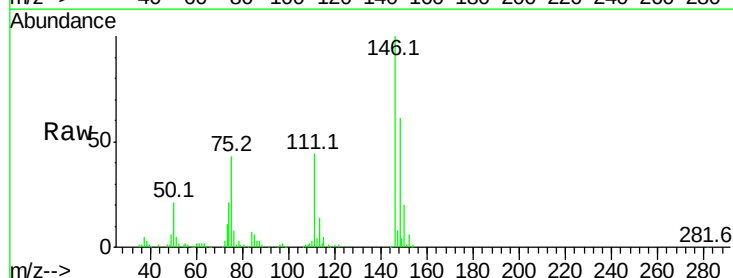
Tgt Ion:146 Resp: 128310

Ion Ratio Lower Upper

146 100

148 61.2 49.3 73.9

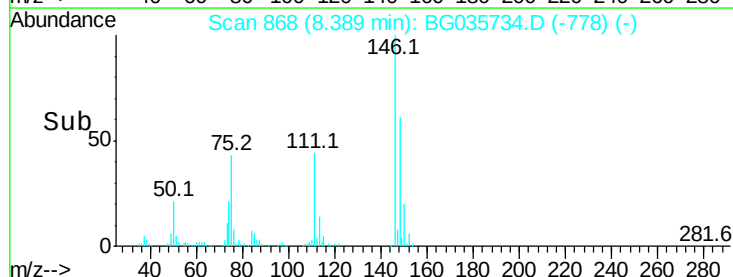
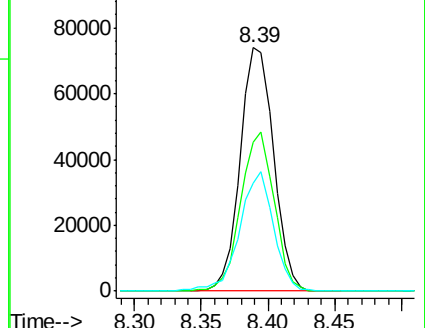
111 44.4 34.3 51.5

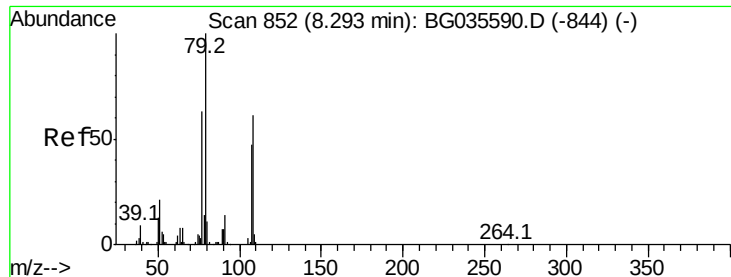


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.839 ng

RT: 8.28 min Scan# 849

Delta R.T. 0.00 min

Lab File: BG035734.D

Acq: 19 Jul 2018 2:03

Instrument :

BNA_G

ClientSampleId :

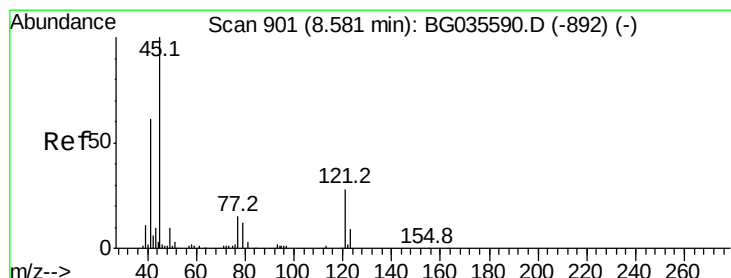
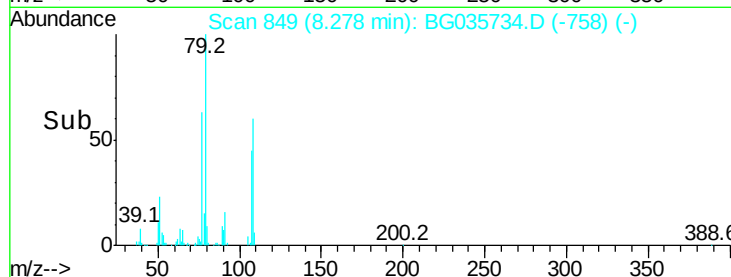
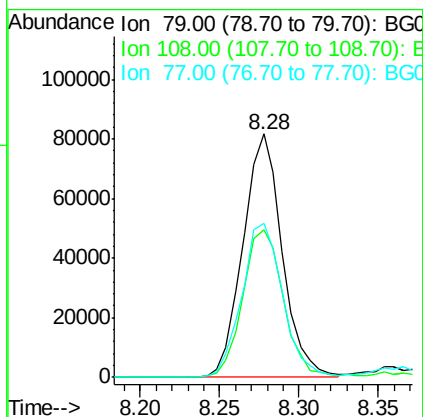
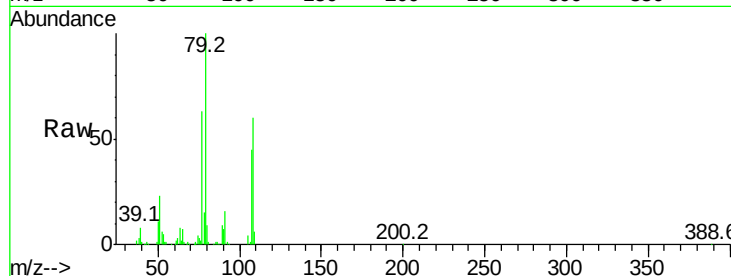
Tot Ion: 79 Resp: 140352

Ion Ratio Lower Upper

79 100

108 60.4 57.2 85.8

77 63.5 46.1 69.1



#16

2,2'-oxybis(1-chloropropane)

Concen: 55.513 ng

RT: 8.57 min Scan# 898

Delta R.T. -0.00 min

Lab File: BG035734.D

Acq: 19 Jul 2018 2:03

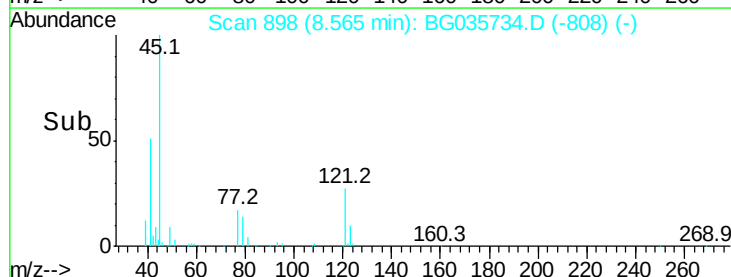
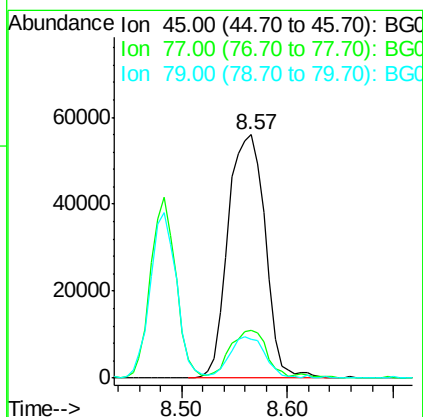
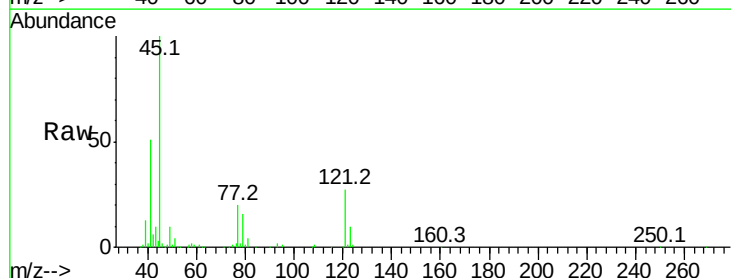
Tgt Ion: 45 Resp: 136027

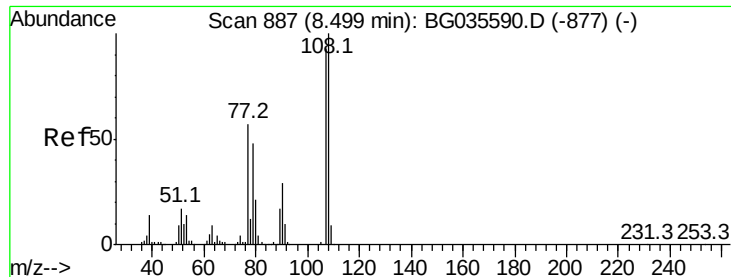
Ion Ratio Lower Upper

45 100

77 19.9 0.0 30.2

79 15.9 0.0 27.9





#17

2-Methylphenol

Concen: 46.048 ng

RT: 8.48 min Scan# 884

Delta R.T. 0.00 min

Lab File: BG035734.D

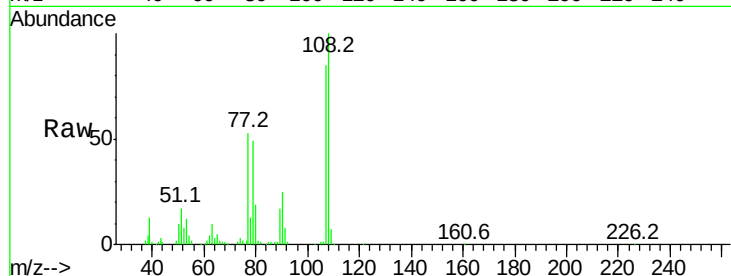
Acq: 19 Jul 2018 2:03

Instrument :

BNA_G

ClientSampled :

Tot Ion:	107	Resp:	116844
Ion	Ratio	Lower	Upper
107	100		
108	117.8	83.9	125.9
77	62.8	37.2	55.8#
79	57.3	36.2	54.2#

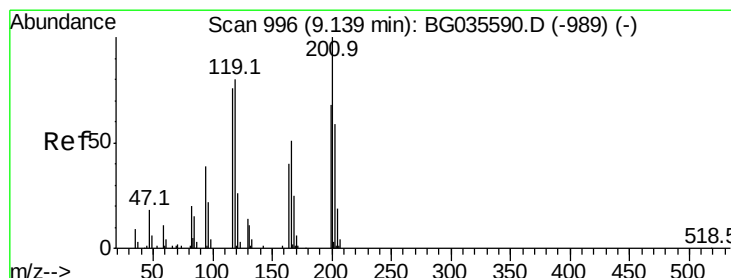
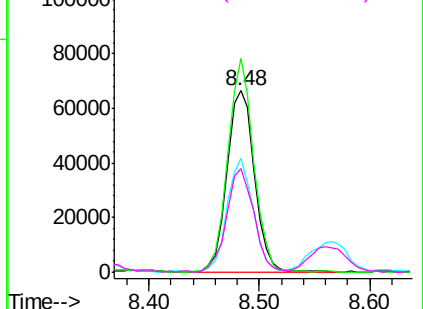
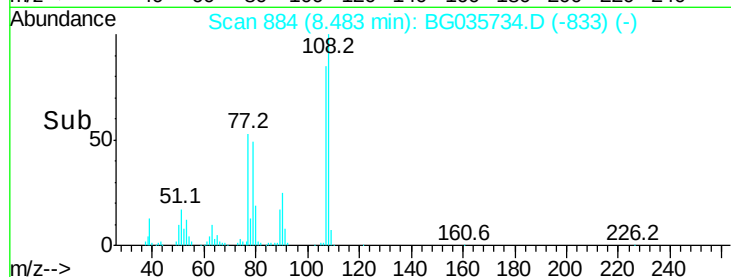


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 42.729 ng

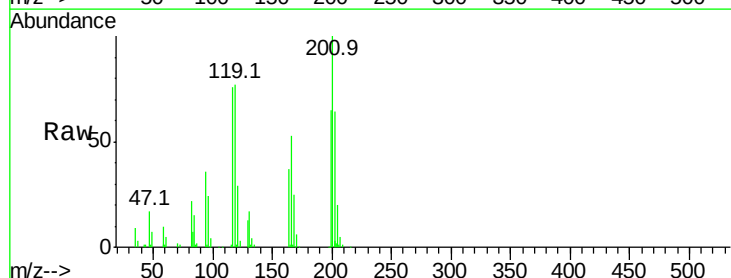
RT: 9.12 min Scan# 992

Delta R.T. -0.00 min

Lab File: BG035734.D

Acq: 19 Jul 2018 2:03

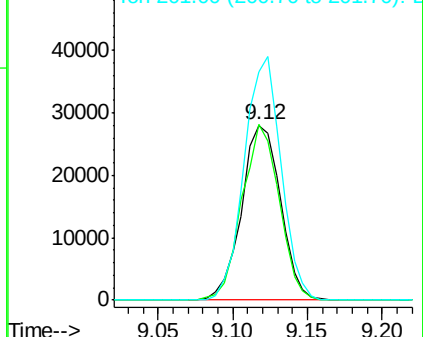
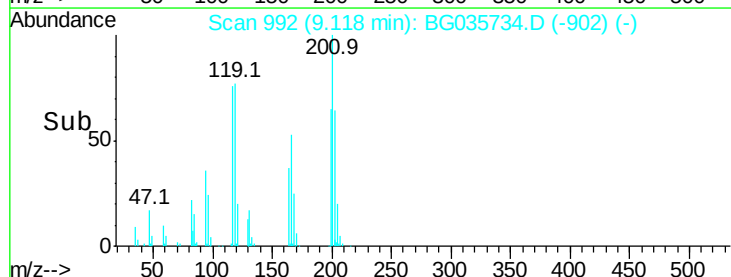
Tgt Ion:	117	Resp:	50478
Ion	Ratio	Lower	Upper
117	100		
119	100.3	76.7	115.1
201	130.8	95.7	143.5

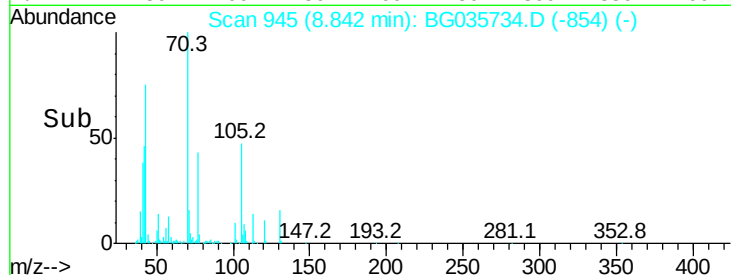
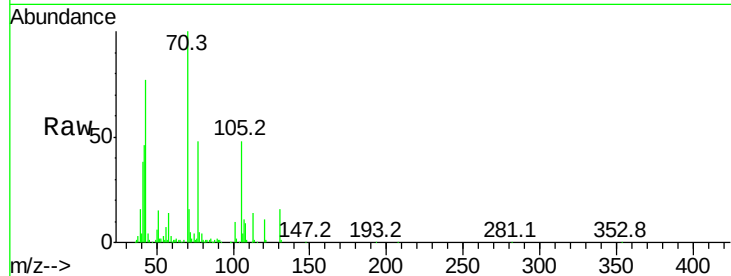
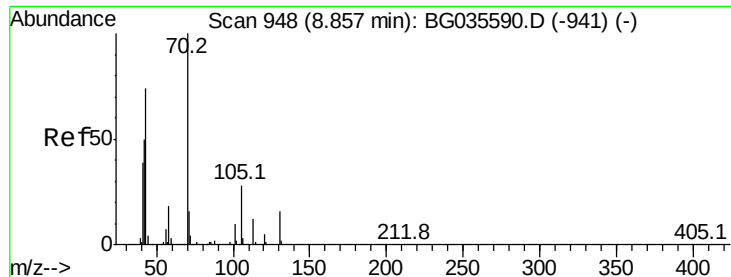


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

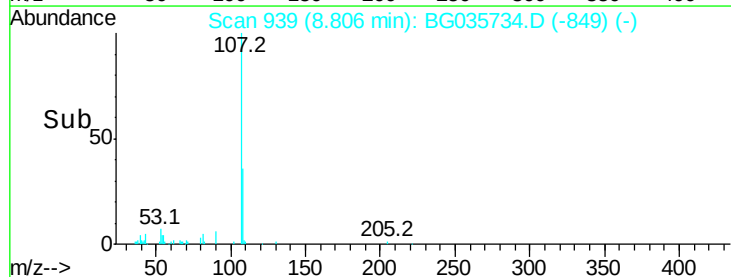
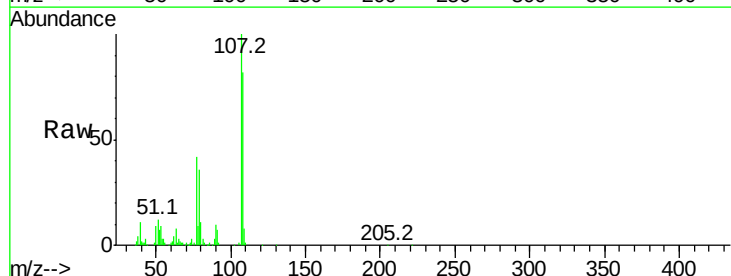
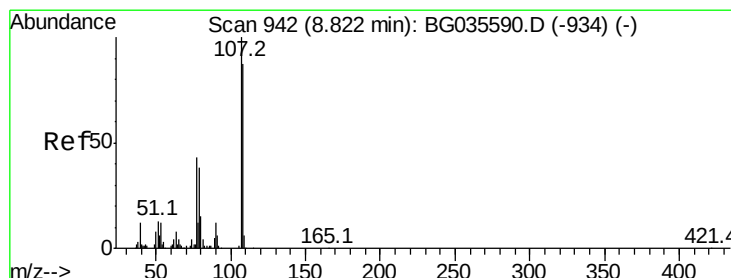
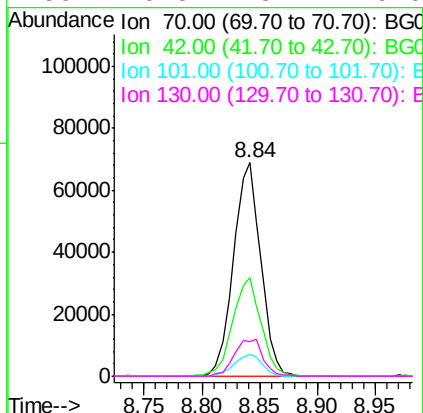




#19
n-Nitroso-di-n-propylamine
Concen: 36.123 ng
RT: 8.84 min Scan# 945
Delta R.T. 0.00 min
Lab File: BG035734.D
Acq: 19 Jul 2018 2:03

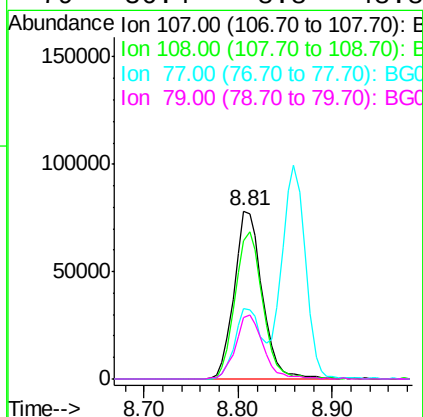
Instrument :
BNA_G
ClientSampleId :

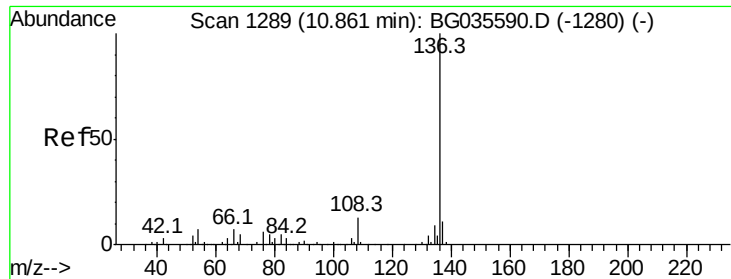
Tot Ion:	70	Resp:	112367
Ion	Ratio	Lower	Upper
70	100		
42	46.2	49.1	73.7#
101	10.1	8.5	12.7
130	16.3	13.4	20.0



#20
3+4-Methylphenols
Concen: 45.917 ng
RT: 8.81 min Scan# 939
Delta R.T. -0.00 min
Lab File: BG035734.D
Acq: 19 Jul 2018 2:03

Tgt Ion:	107	Resp:	161635
Ion	Ratio	Lower	Upper
107	100		
108	82.2	61.6	101.6
77	41.9	13.9	53.9
79	36.4	8.8	48.8

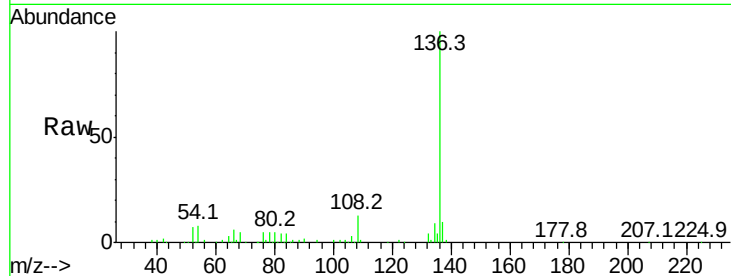




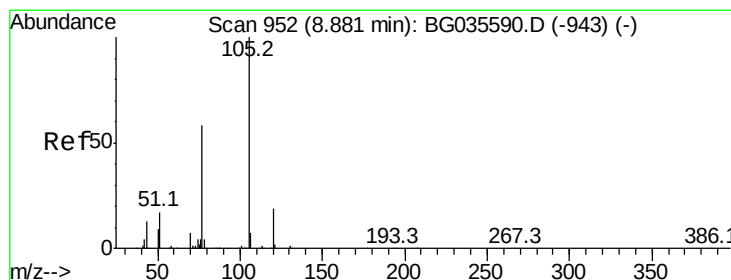
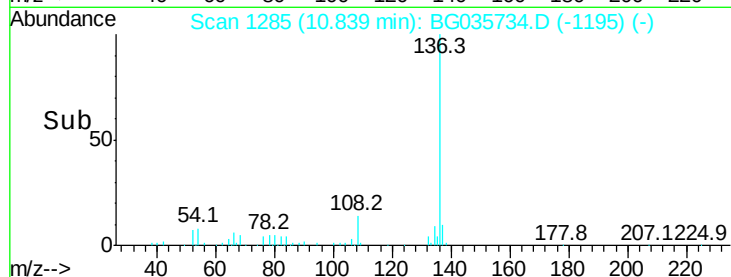
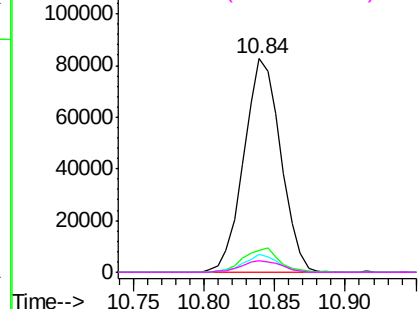
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1285
Delta R.T. -0.00 min
Lab File: BG035734.D
Acq: 19 Jul 2018 2:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	150919
Ion Ratio	Lower	Upper
136	100	
137	10.1	9.2 13.8
54	8.4	10.3 15.5#
68	5.3	4.5 6.7

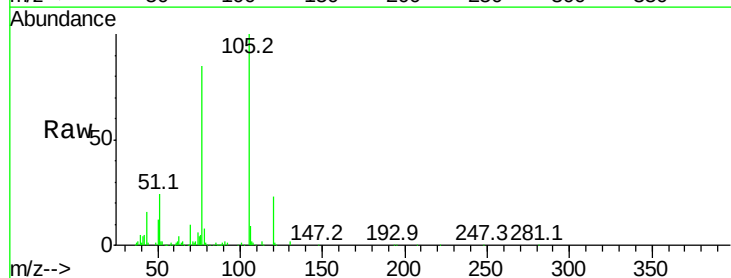


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

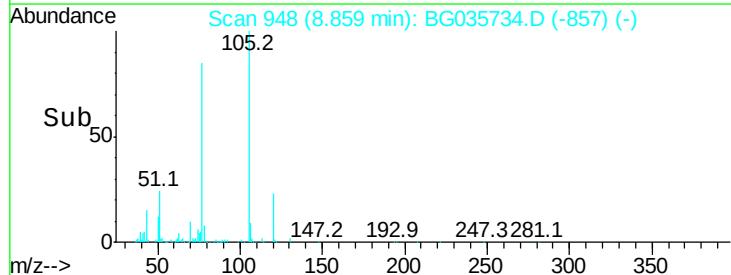
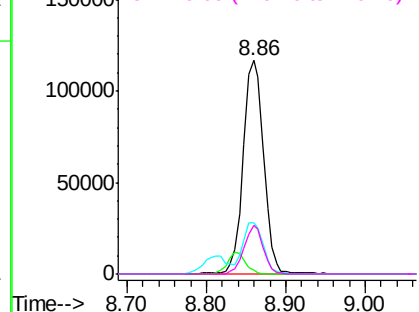


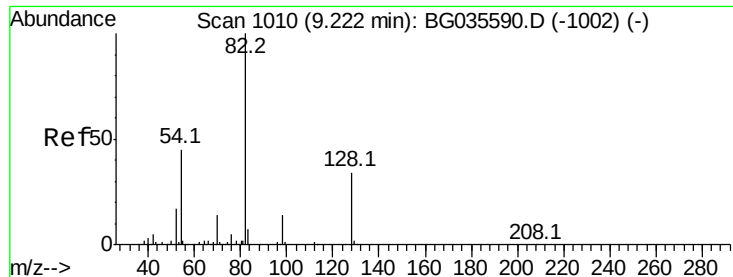
#22
Acetophenone
Concen: 44.520 ng
RT: 8.86 min Scan# 948
Delta R.T. 0.00 min
Lab File: BG035734.D
Acq: 19 Jul 2018 2:03

Tgt Ion:105	Resp:	208941
Ion Ratio	Lower	Upper
105	100	
71	1.7	3.0 4.4#
51	23.8	26.1 39.1#
120	22.7	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: 88.420 ng

RT: 9.20 min Scan# 1006

Delta R.T. 0.00 min

Lab File: BG035734.D

Acq: 19 Jul 2018 2:03

Instrument :

BNA_G

ClientSampled :

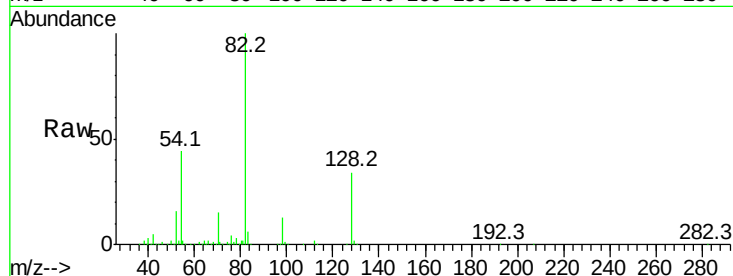
Tot Ion: 82 Resp: 319432

Ion Ratio Lower Upper

82 100

128 33.9 29.7 44.5

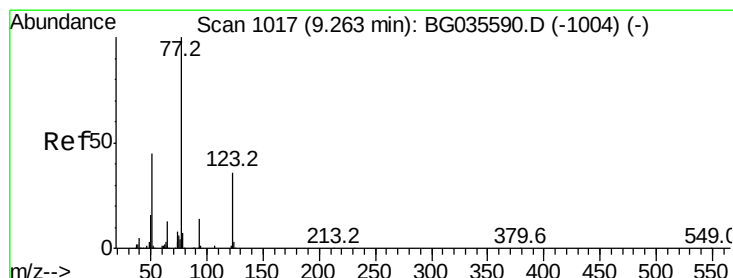
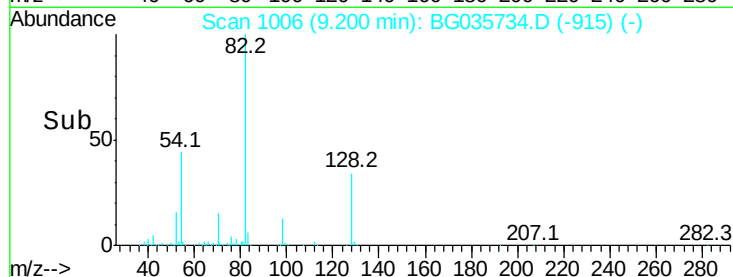
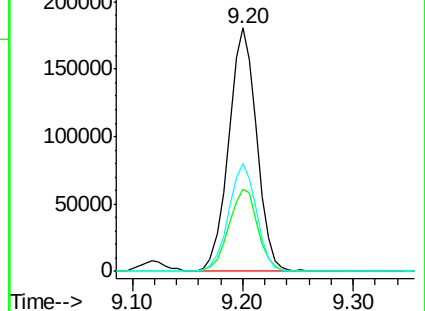
54 44.2 43.1 64.7



Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#24

Nitrobenzene

Concen: 46.321 ng

RT: 9.24 min Scan# 1013

Delta R.T. 0.00 min

Lab File: BG035734.D

Acq: 19 Jul 2018 2:03

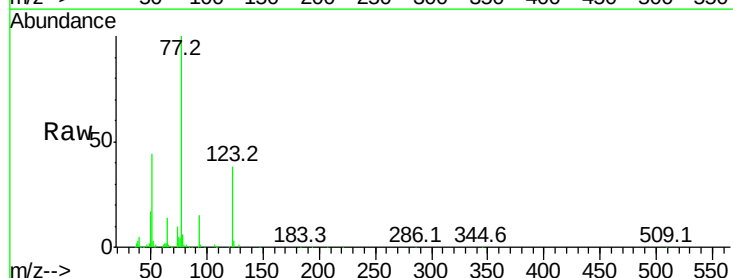
Tgt Ion: 77 Resp: 168295

Ion Ratio Lower Upper

77 100

123 37.7 33.0 49.6

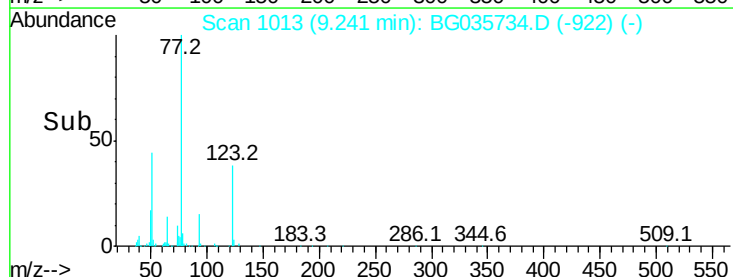
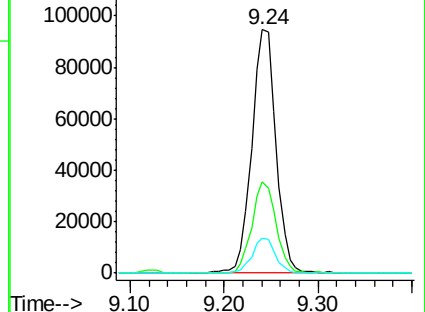
65 14.2 13.0 19.6

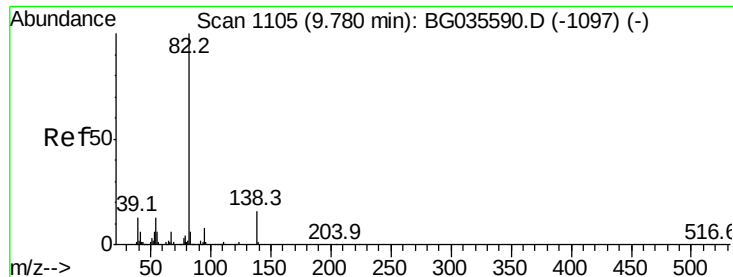


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 47.369 ng

RT: 9.76 min Scan# 1102

Delta R.T. 0.00 min

Lab File: BG035734.D

Acq: 19 Jul 2018 2:03

Instrument :

BNA_G

ClientSampleId :

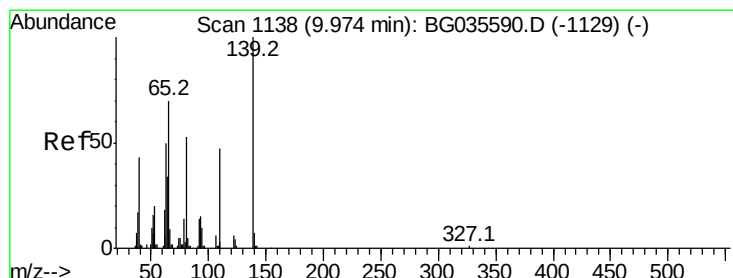
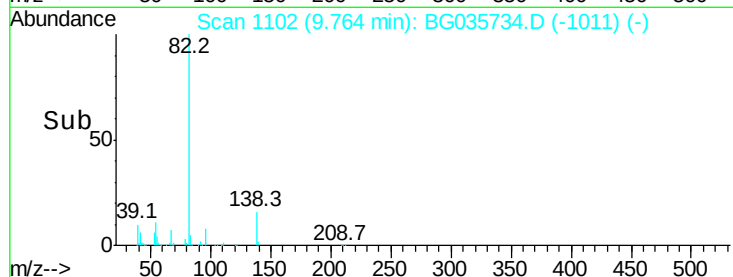
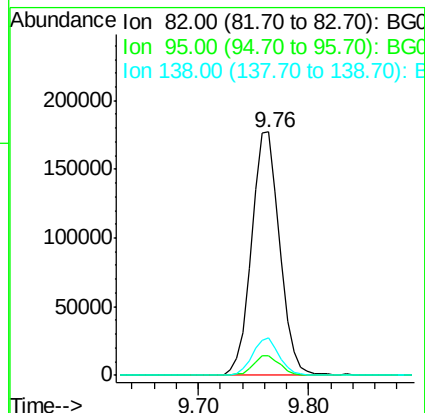
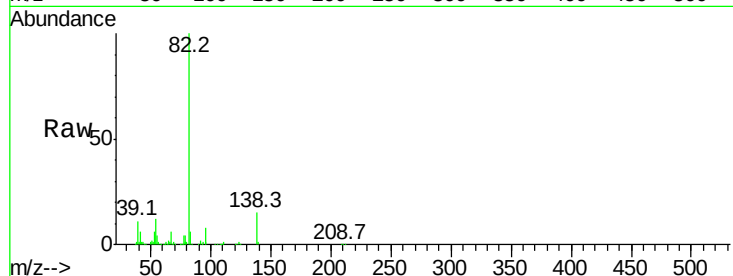
Tot Ion: 82 Resp: 317671

Ion Ratio Lower Upper

82 100

95 7.9 6.2 9.2

138 15.2 12.1 18.1



#26

2-Nitrophenol

Concen: 54.472 ng

RT: 9.96 min Scan# 1135

Delta R.T. 0.01 min

Lab File: BG035734.D

Acq: 19 Jul 2018 2:03

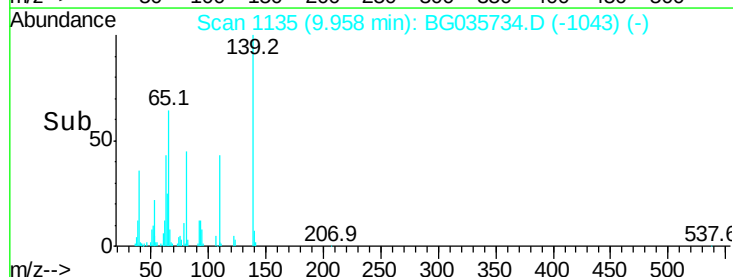
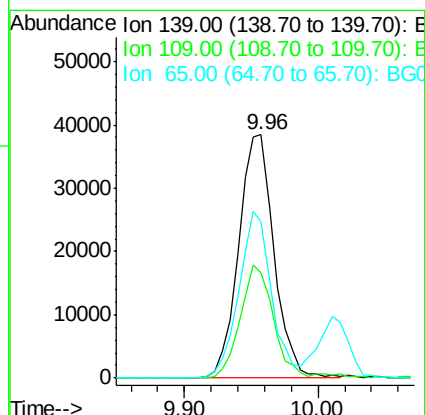
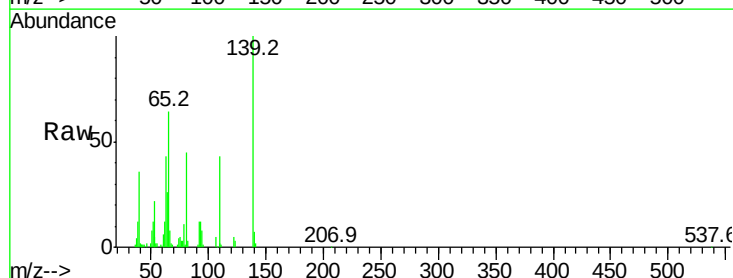
Tgt Ion: 139 Resp: 70288

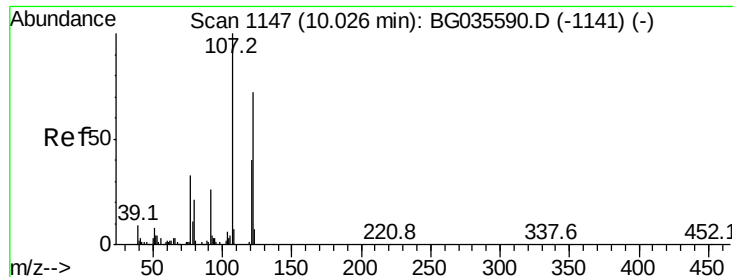
Ion Ratio Lower Upper

139 100

109 43.3 24.2 36.2#

65 64.5 47.4 71.0

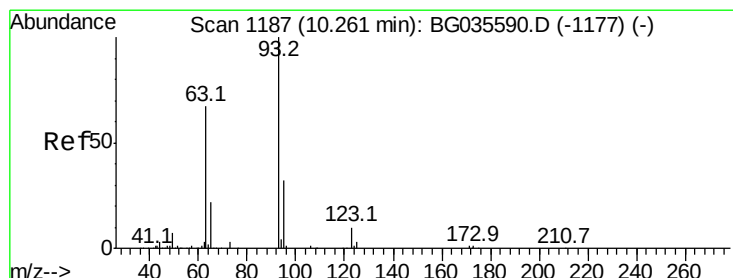
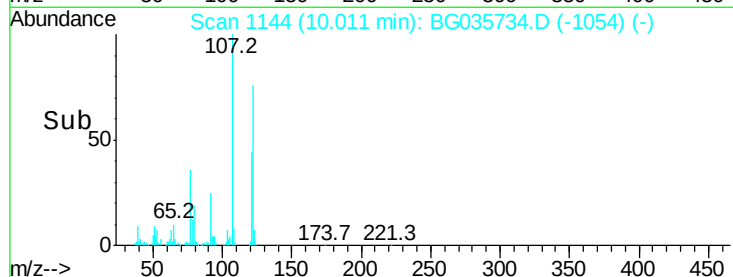
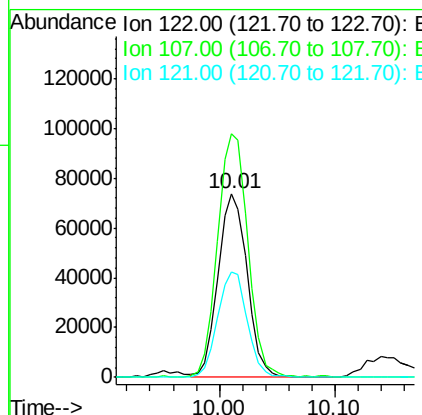
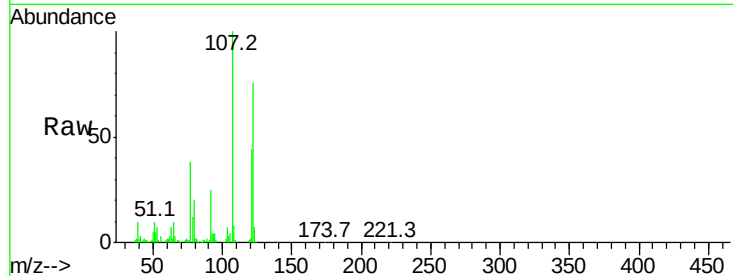




#27
 2,4-Dimethylphenol
 Concen: 58.854 ng
 RT: 10.01 min Scan# 1144
 Delta R.T. -0.00 min
 Lab File: BG035734.D
 Acq: 19 Jul 2018 2:03

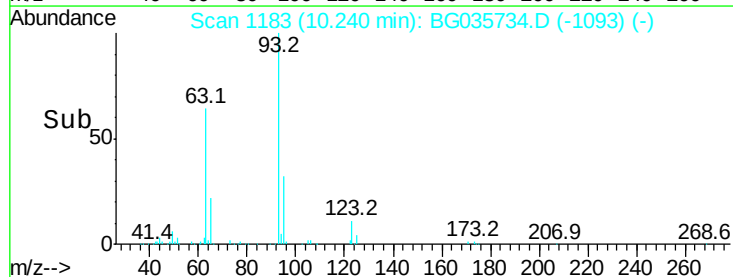
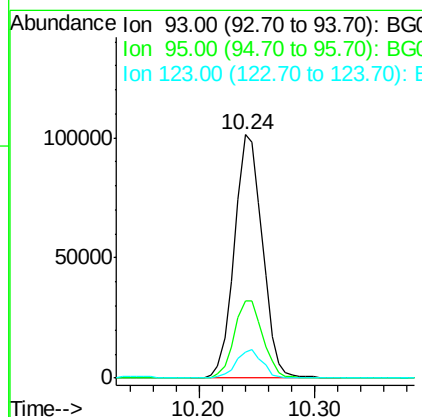
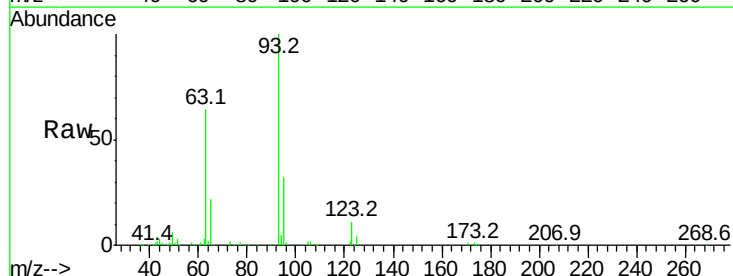
Instrument :
 BNA_G
 ClientSampleId :

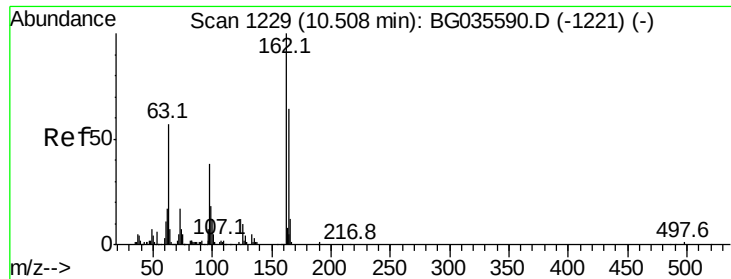
Tot Ion:122 Resp: 128550
 Ion Ratio Lower Upper
 122 100
 107 132.3 100.2 150.2
 121 57.6 44.4 66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 46.065 ng
 RT: 10.24 min Scan# 1183
 Delta R.T. -0.00 min
 Lab File: BG035734.D
 Acq: 19 Jul 2018 2:03

Tgt Ion: 93 Resp: 170229
 Ion Ratio Lower Upper
 93 100
 95 31.9 24.3 36.5
 123 10.7 8.4 12.6

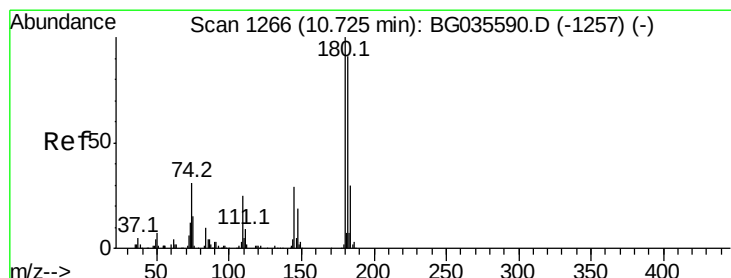
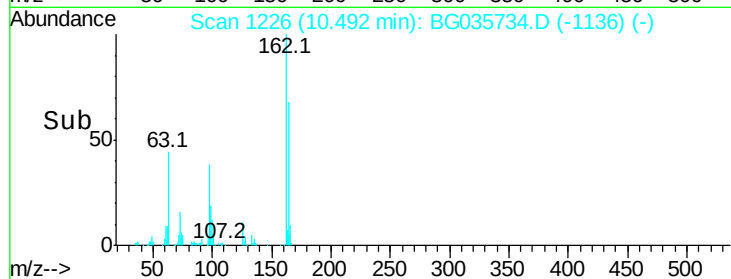
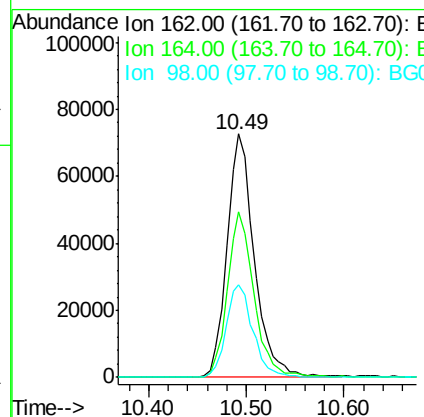
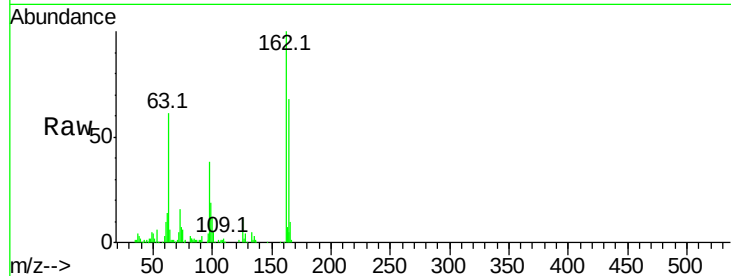




#29
 2,4-Dichlorophenol
 Concen: 56.310 ng
 RT: 10.49 min Scan# 1226
 Delta R.T. -0.00 min
 Lab File: BG035734.D
 Acq: 19 Jul 2018 2:03

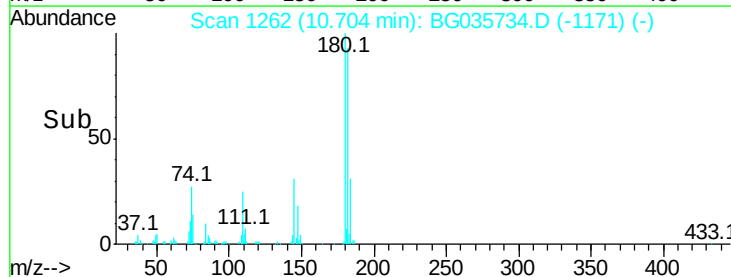
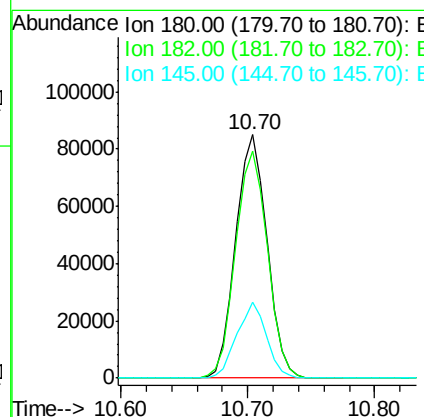
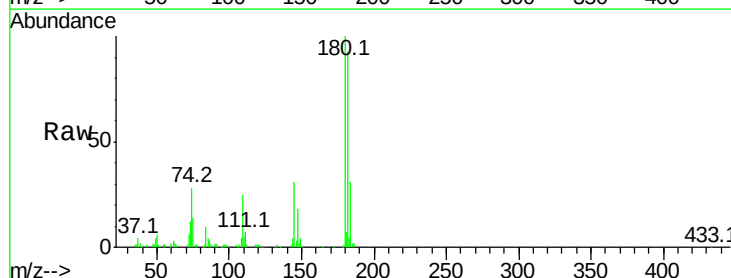
Instrument :
 BNA_G
 ClientSampleId :

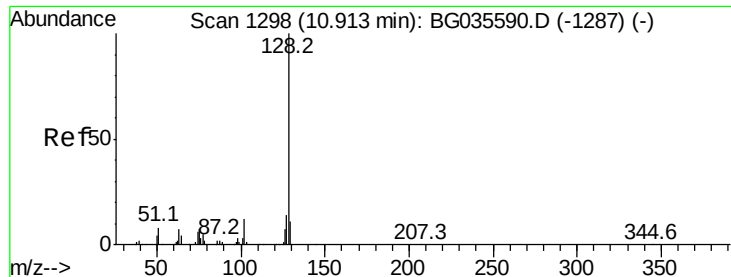
Tot Ion	Ratio	Lower	Upper
162	100		
164	68.0	48.0	88.0
98	38.2	21.1	61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 47.514 ng
 RT: 10.70 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: BG035734.D
 Acq: 19 Jul 2018 2:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.4	77.5	116.3
145	31.0	23.4	35.2

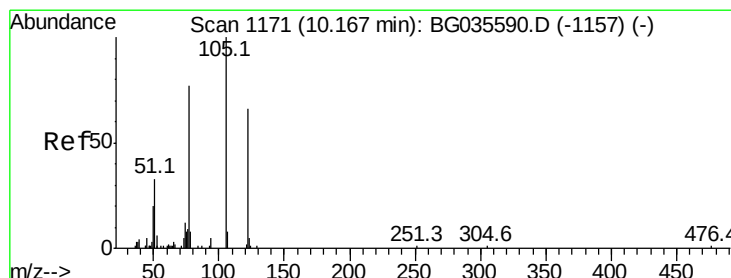
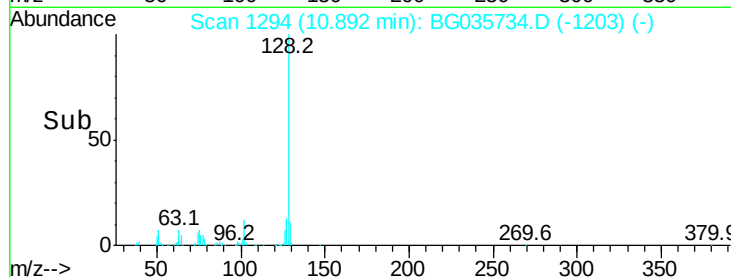
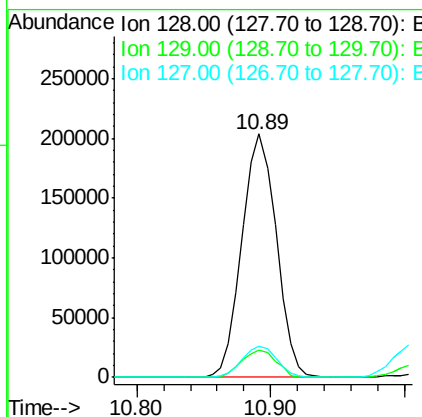
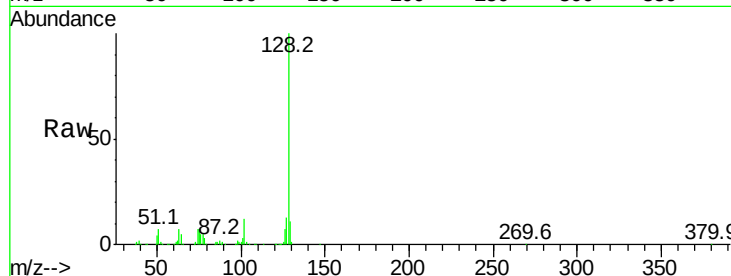




#31
Naphthalene
Concen: 46.268 ng
RT: 10.89 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BG035734.D
Acq: 19 Jul 2018 2:03

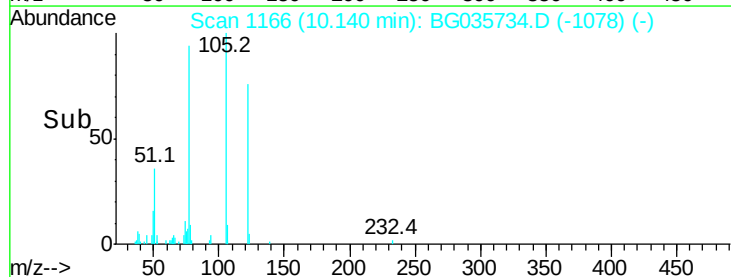
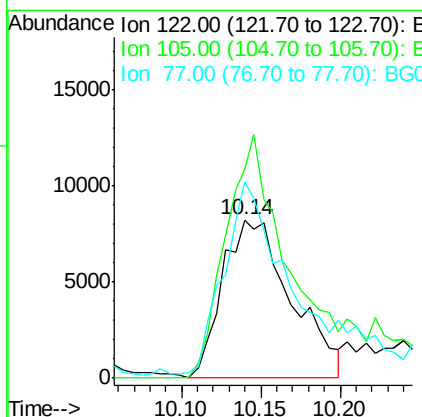
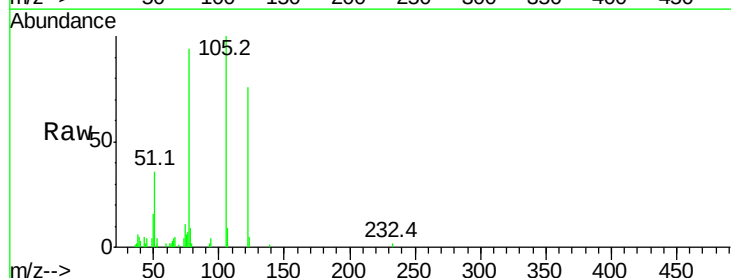
Instrument :
BNA_G
ClientSampleId :

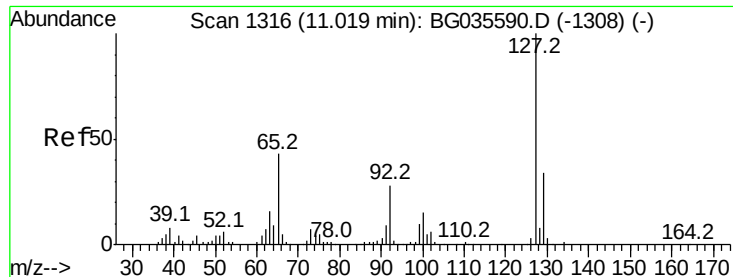
Tot Ion:128 Resp: 363739
Ion Ratio Lower Upper
128 100
129 11.3 8.6 12.8
127 12.9 11.6 17.4



#32
Benzoic acid
Concen: 16.867 ng
RT: 10.14 min Scan# 1166
Delta R.T. -0.02 min
Lab File: BG035734.D
Acq: 19 Jul 2018 2:03

Tgt Ion:122 Resp: 24801
Ion Ratio Lower Upper
122 100
105 131.9 123.5 163.5
77 123.5 85.7 125.7

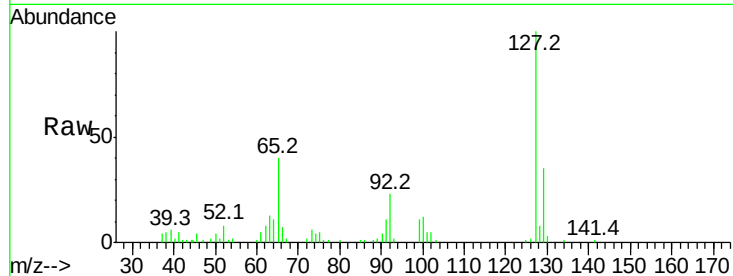




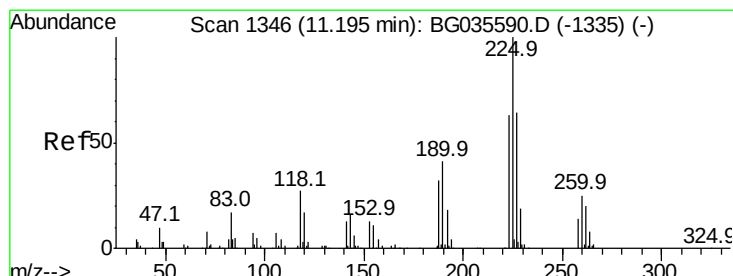
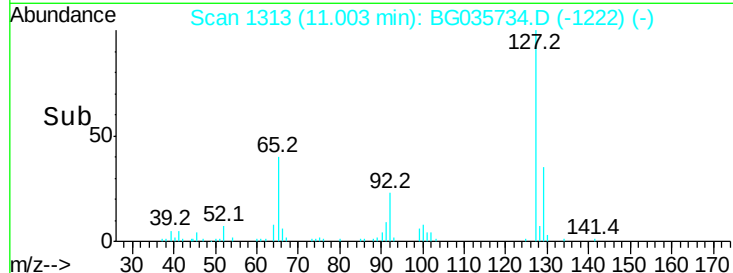
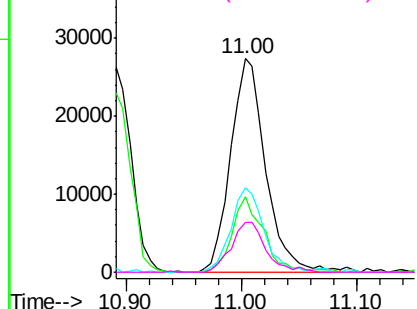
#33
4-Chloroaniline
Concen: 16.787 ng
RT: 11.00 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BG035734.D
Acq: 19 Jul 2018 2:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	57520
Ion	Ratio	Lower	Upper
127	100		
129	35.3	24.0	36.0
65	39.8	27.0	40.4
92	23.3	16.6	25.0

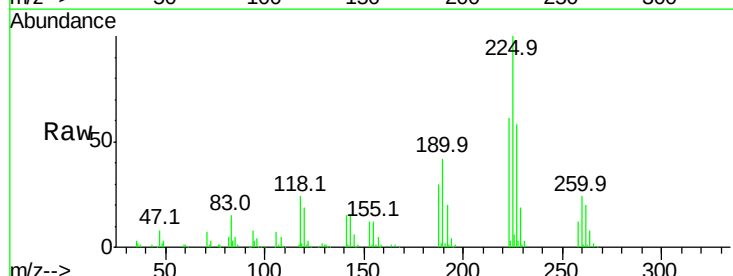


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

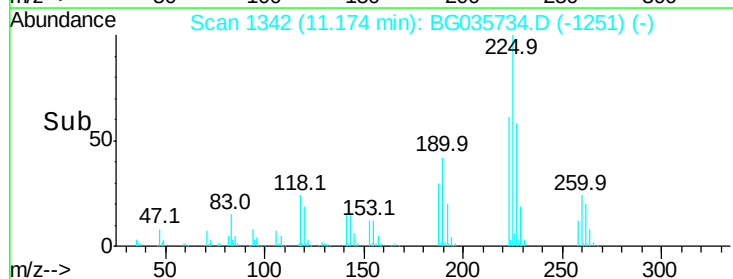
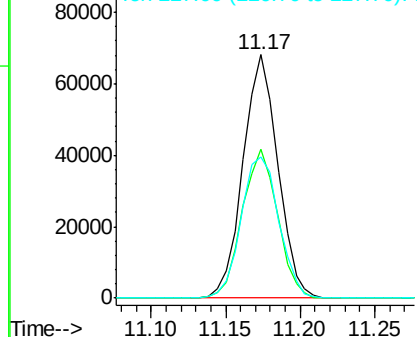


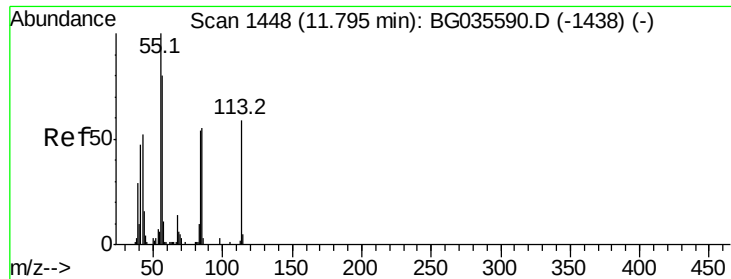
#34
Hexachlorobutadiene
Concen: 46.190 ng
RT: 11.17 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BG035734.D
Acq: 19 Jul 2018 2:03

Tgt Ion:	225	Resp:	110121
Ion	Ratio	Lower	Upper
225	100		
223	61.4	49.7	74.5
227	57.9	48.1	72.1



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

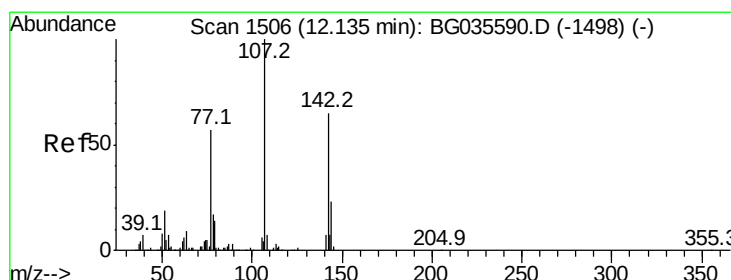
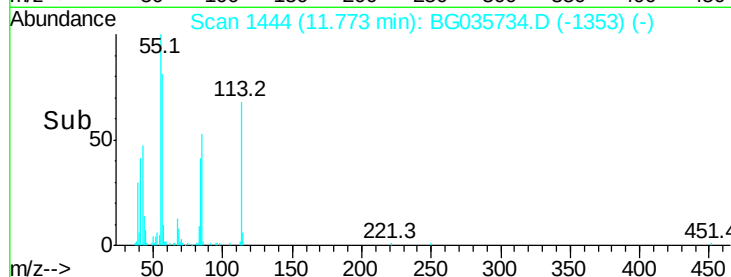
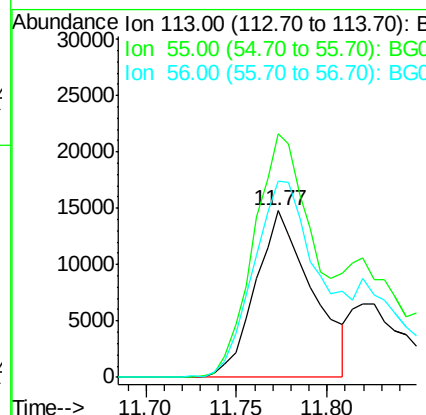
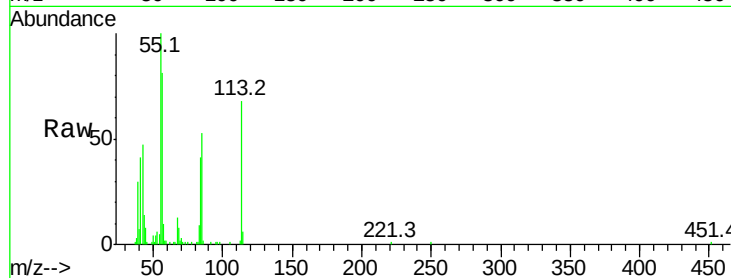




#35
Caprolactam
Concen: 29.986 ng
RT: 11.77 min Scan# 1444
Delta R.T. 0.00 min
Lab File: BG035734.D
Acq: 19 Jul 2018 2:03

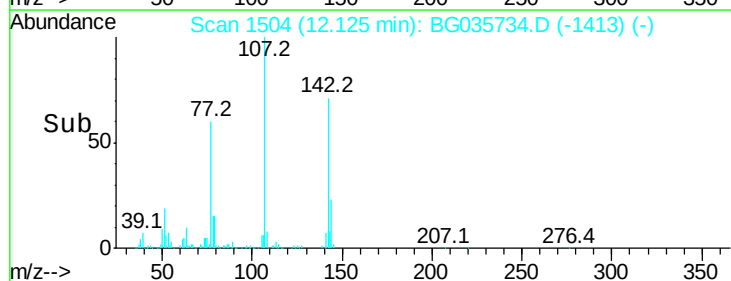
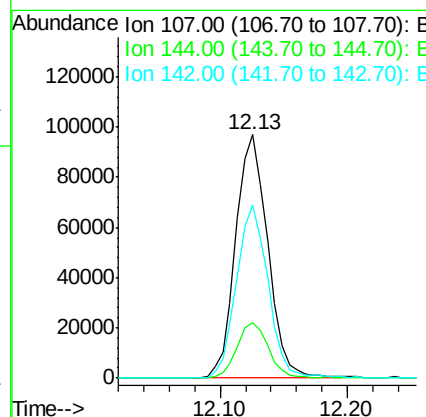
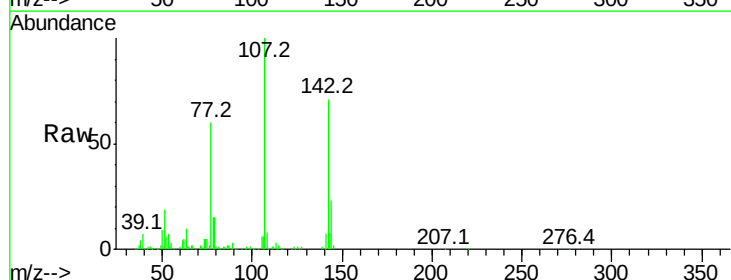
Instrument :
BNA_G
ClientSampled :

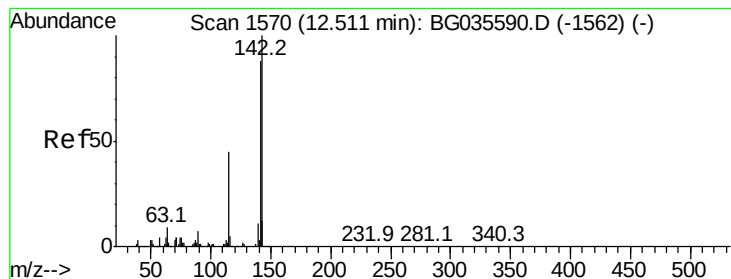
Tot Ion:113 Resp: 32084
Ion Ratio Lower Upper
113 100
55 146.1 186.9 226.9#
56 117.7 130.9 170.9#



#36
4-Chloro-3-methylphenol
Concen: 50.989 ng
RT: 12.13 min Scan# 1504
Delta R.T. 0.00 min
Lab File: BG035734.D
Acq: 19 Jul 2018 2:03

Tgt Ion:107 Resp: 170408
Ion Ratio Lower Upper
107 100
144 22.8 18.2 27.4
142 71.2 59.0 88.4





#37

2-Methylnaphthalene

Concen: 48.779 ng

RT: 12.50 min Scan# 1567

Delta R.T. 0.00 min

Lab File: BG035734.D

Acq: 19 Jul 2018 2:03

Instrument :

BNA_G

ClientSampleId :

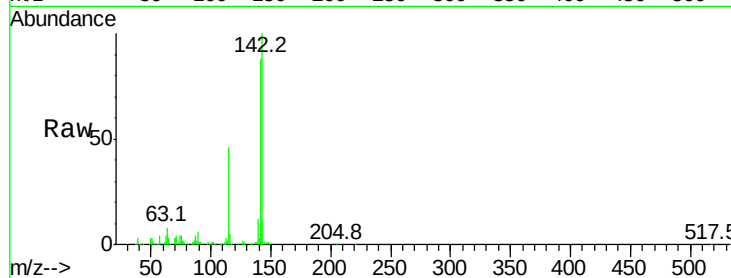
Tot Ion:142 Resp: 285693

Ion Ratio Lower Upper

142 100

141 88.0 67.1 100.7

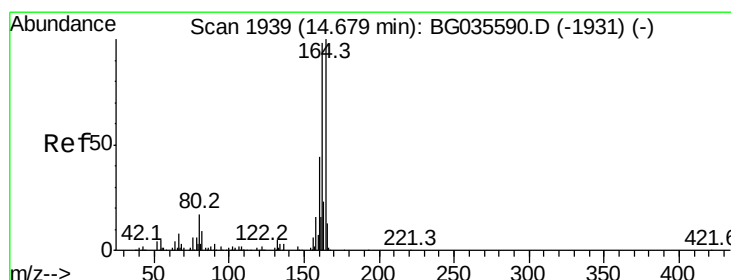
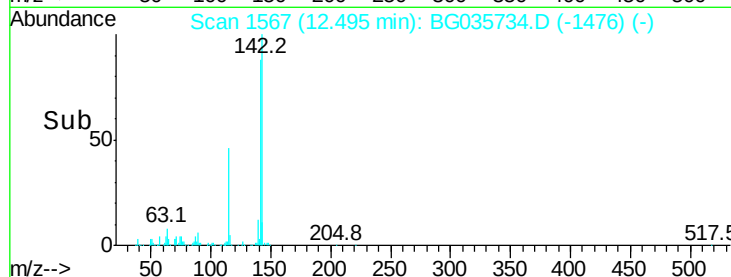
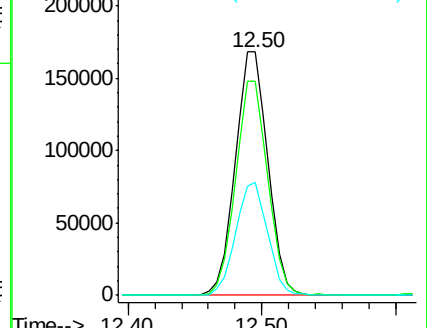
115 46.4 30.7 46.1#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1936

Delta R.T. 0.00 min

Lab File: BG035734.D

Acq: 19 Jul 2018 2:03

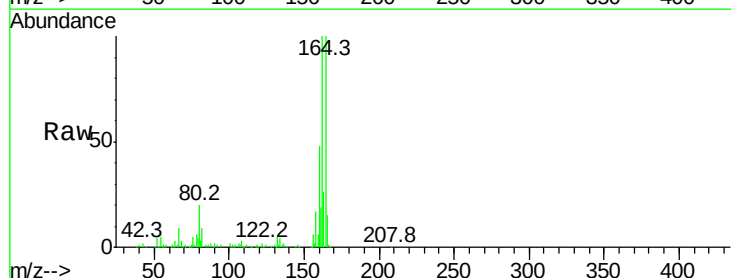
Tgt Ion:164 Resp: 107273

Ion Ratio Lower Upper

164 100

162 100.3 78.8 118.2

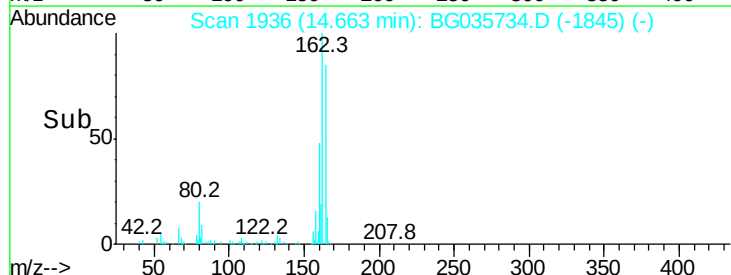
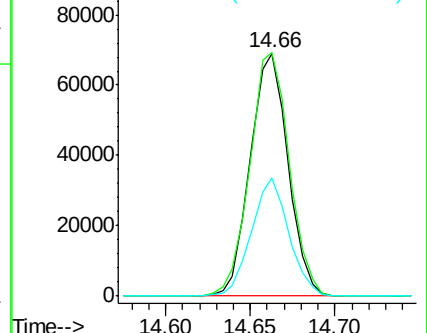
160 48.6 35.4 53.0

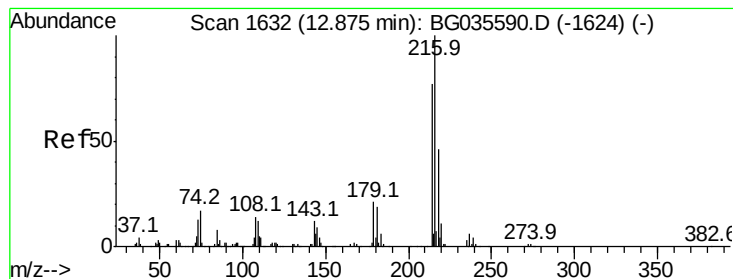


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 47.414 ng

RT: 12.86 min Scan# 1629

Delta R.T. 0.00 min

Lab File: BG035734.D

Acq: 19 Jul 2018 2:03

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 191971

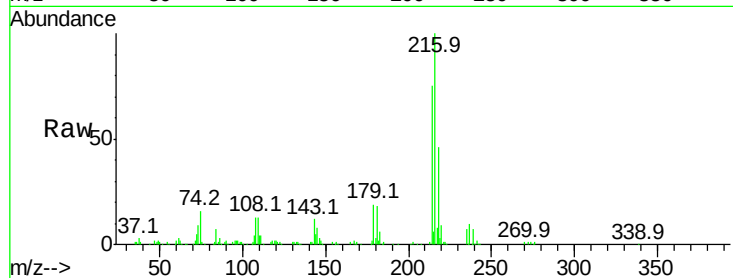
Ion Ratio Lower Upper

216 100

214 78.9 63.0 94.4

179 20.1 17.0 25.6

108 16.6 12.8 19.2

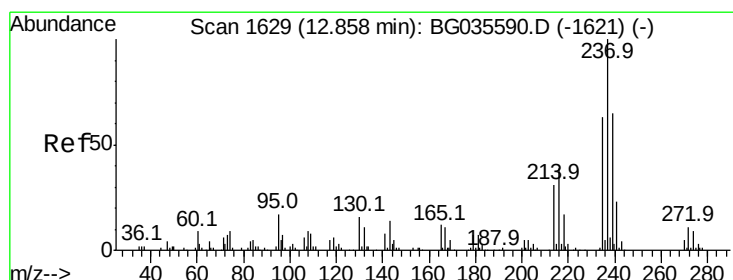
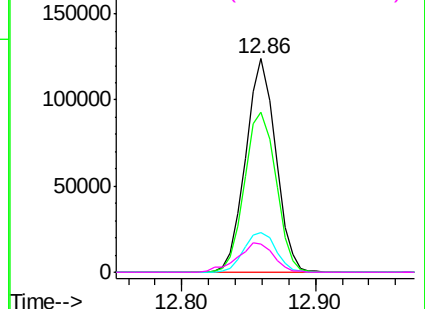
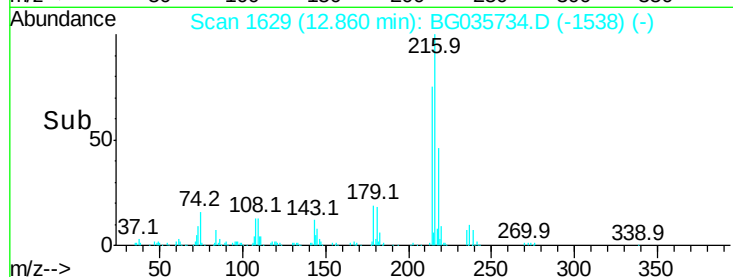


Abundance Ion 216.00 (215.70 to 216.70): E

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: 116.513 ng

RT: 12.84 min Scan# 1625

Delta R.T. -0.00 min

Lab File: BG035734.D

Acq: 19 Jul 2018 2:03

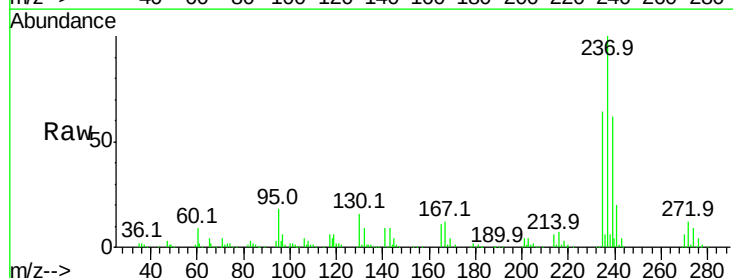
Tgt Ion:237 Resp: 247402

Ion Ratio Lower Upper

237 100

235 63.6 50.4 90.4

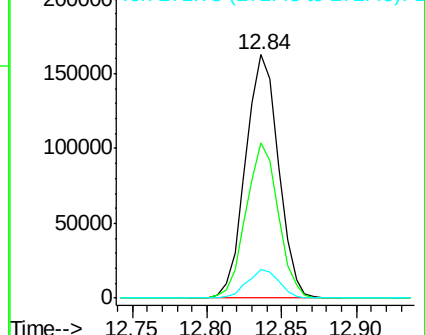
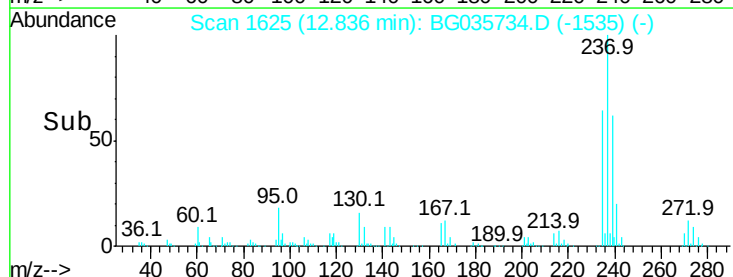
272 11.7 0.0 31.8

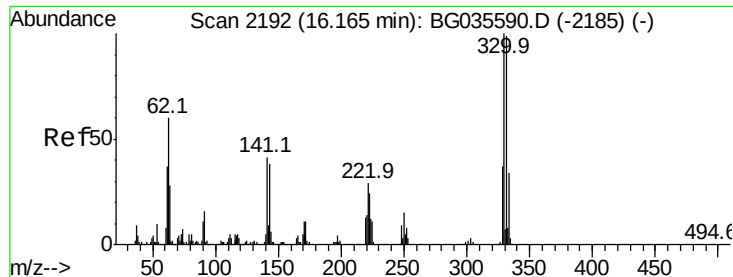


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

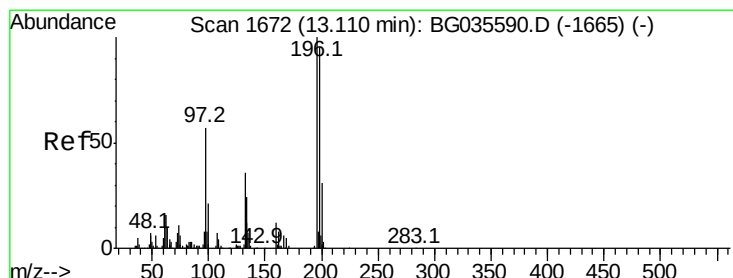
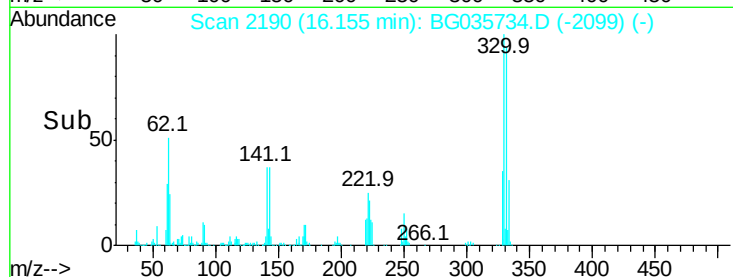
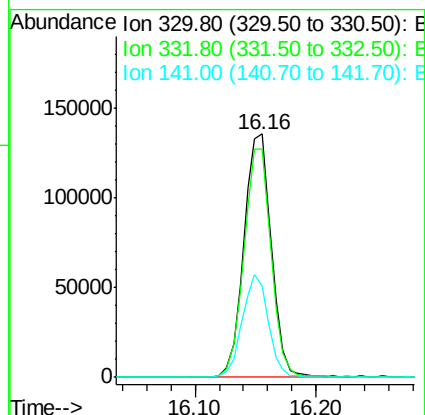
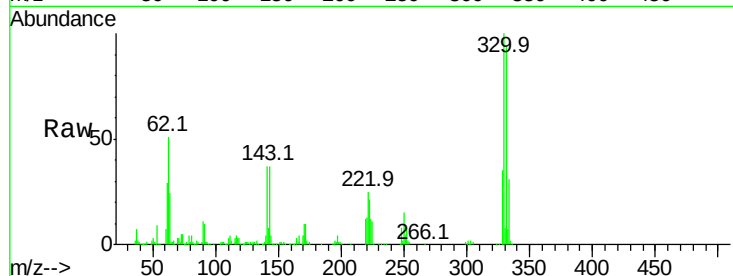




#41
 2,4,6-Tribromophenol
 Concen: 152.398 ng
 RT: 16.16 min Scan# 2190
 Delta R.T. 0.00 min
 Lab File: BG035734.D
 Acq: 19 Jul 2018 2:03

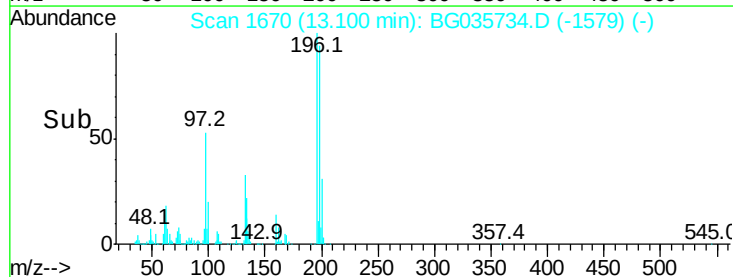
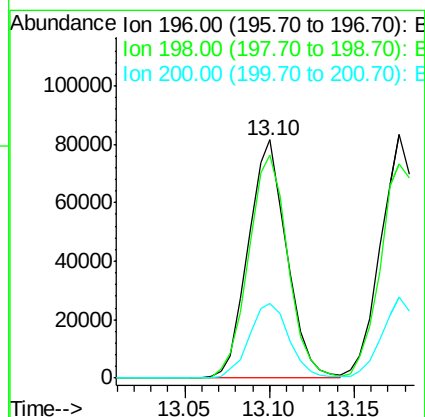
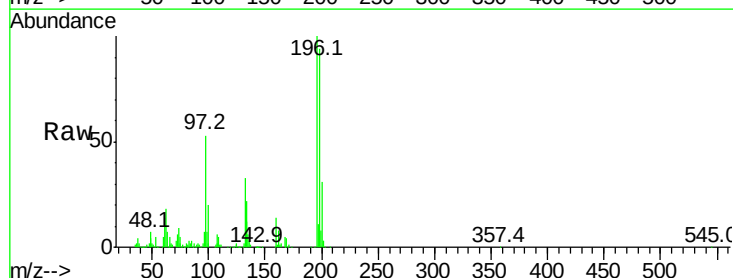
Instrument :
 BNA_G
 ClientSampleId :

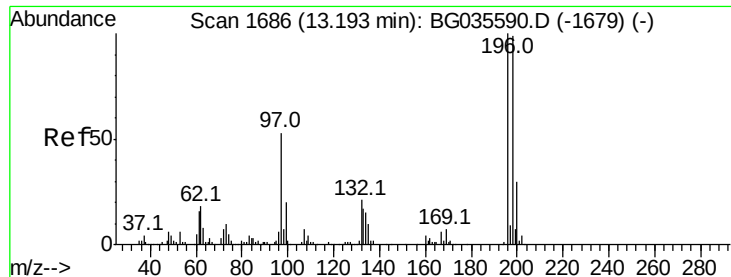
Tot Ion:330 Resp: 215479
 Ion Ratio Lower Upper
 330 100
 332 93.4 77.0 115.6
 141 40.4 25.2 37.8#



#42
 2,4,6-Trichlorophenol
 Concen: 54.411 ng
 RT: 13.10 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: BG035734.D
 Acq: 19 Jul 2018 2:03

Tgt Ion:196 Resp: 128834
 Ion Ratio Lower Upper
 196 100
 198 93.7 78.2 117.2
 200 31.3 24.6 36.8

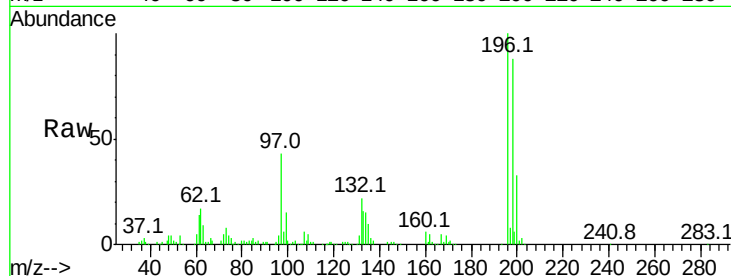




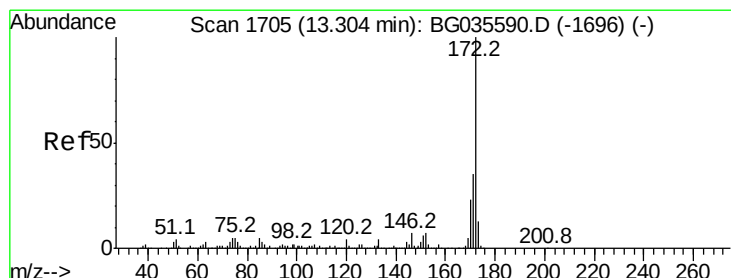
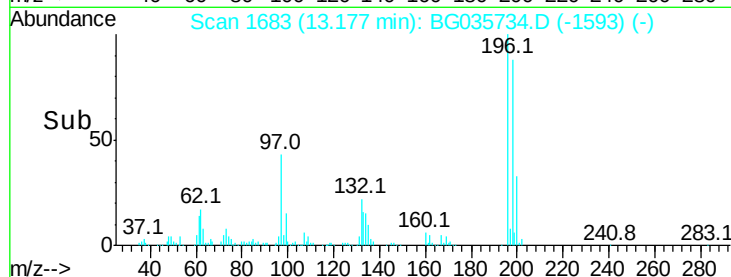
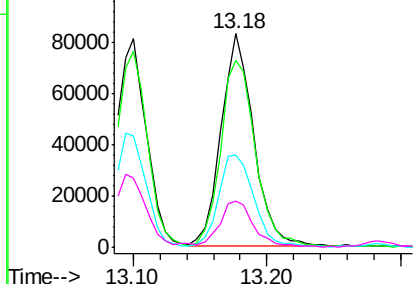
#43
 2,4,5-Trichlorophenol
 Concen: 53.527 ng
 RT: 13.18 min Scan# 1683
 Delta R.T. -0.00 min
 Lab File: BG035734.D
 Acq: 19 Jul 2018 2:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196	Resp:	141783
Ion Ratio	Lower	Upper
196	100	
198	87.7	76.2 114.4
97	43.4	38.7 58.1
132	21.9	20.2 30.2

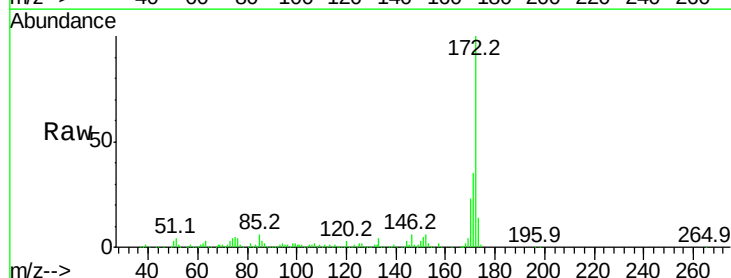


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

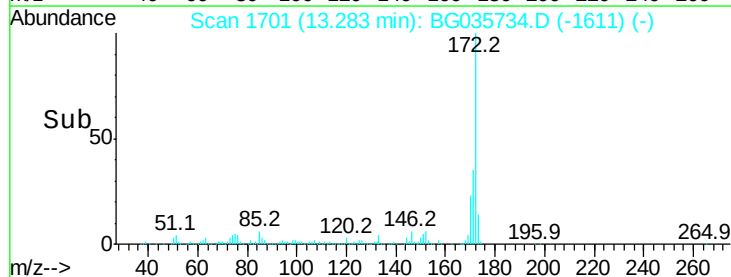
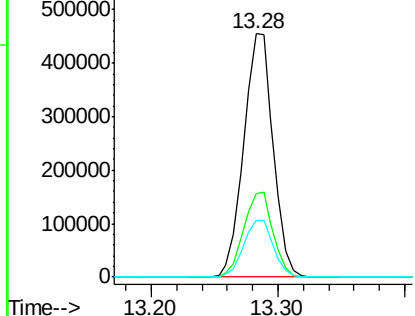


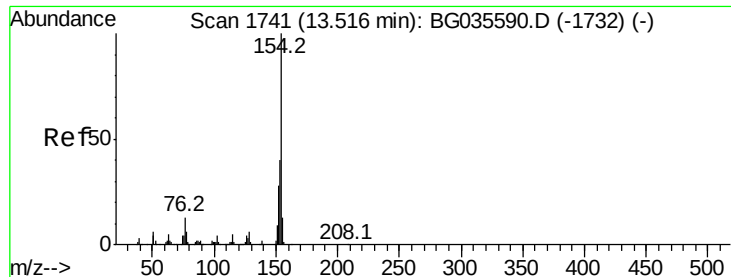
#44
 2-Fluorobiphenyl
 Concen: 91.358 ng
 RT: 13.28 min Scan# 1701
 Delta R.T. -0.00 min
 Lab File: BG035734.D
 Acq: 19 Jul 2018 2:03

Tgt Ion:172	Resp:	731500
Ion Ratio	Lower	Upper
172	100	
171	34.6	30.0 45.0
170	23.1	19.5 29.3



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

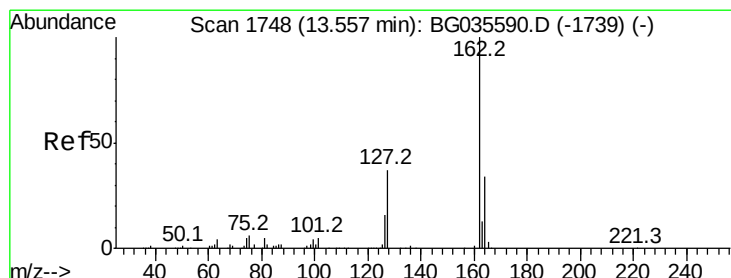
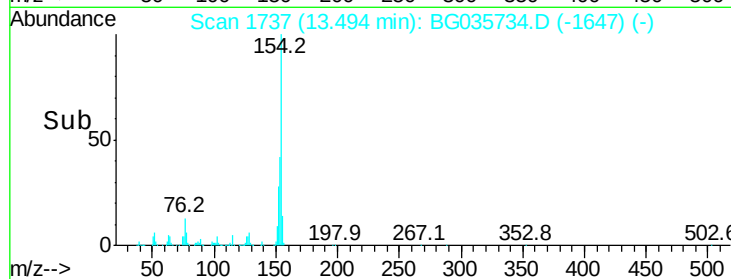
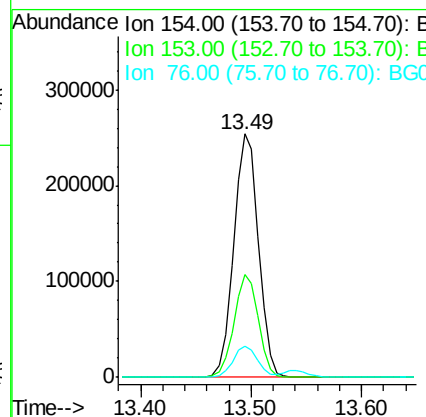
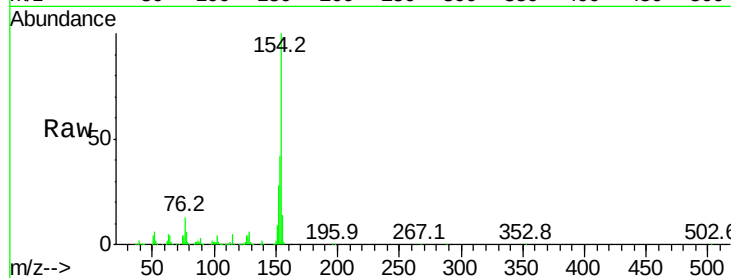




#45
 1,1'-Biphenyl
 Concen: 47.674 ng
 RT: 13.49 min Scan# 1737
 Delta R.T. -0.00 min
 Lab File: BG035734.D
 Acq: 19 Jul 2018 2:03

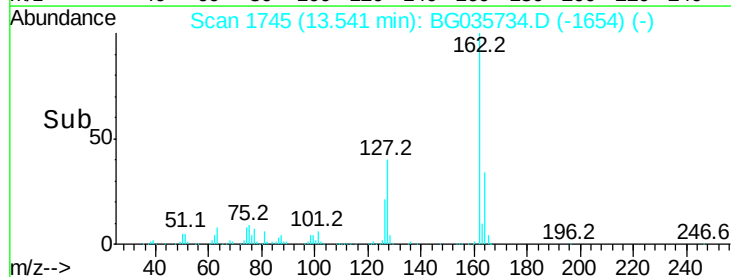
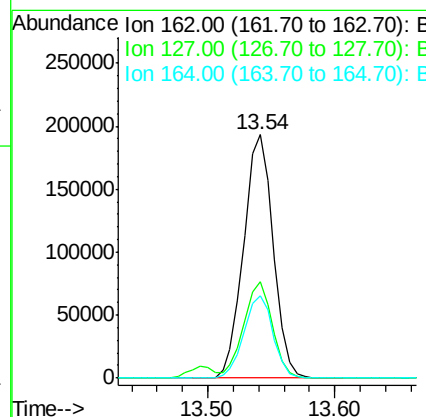
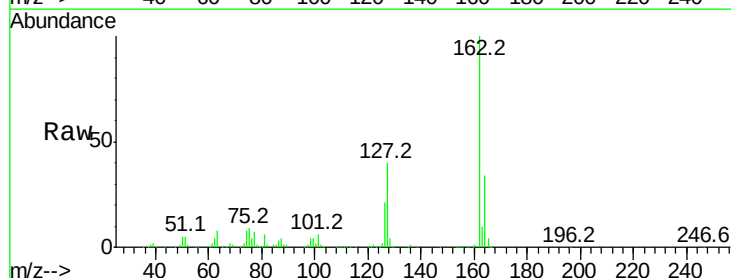
Instrument :
 BNA_G
 ClientSampleId :

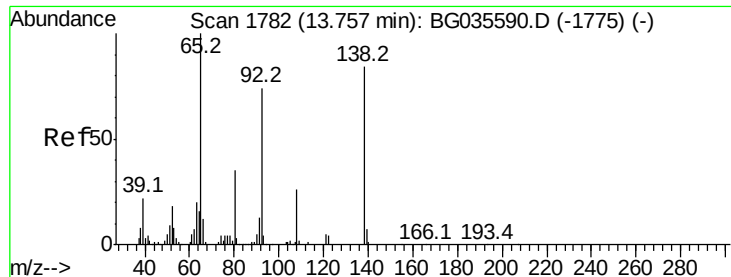
Tot Ion	Ratio	Lower	Upper
154	100		
153	42.4	19.8	59.8
76	12.8	0.0	31.9



#46
 2-Chloronaphthalene
 Concen: 48.152 ng
 RT: 13.54 min Scan# 1745
 Delta R.T. 0.00 min
 Lab File: BG035734.D
 Acq: 19 Jul 2018 2:03

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.9	30.7	46.1
164	33.9	26.0	39.0

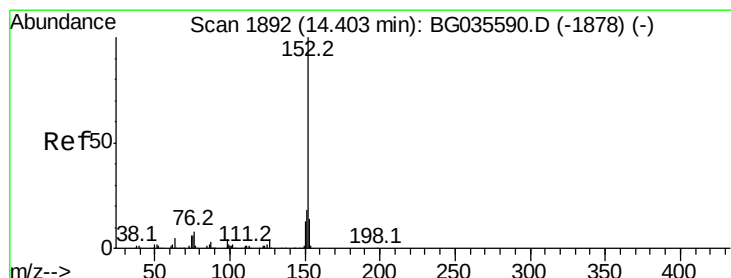
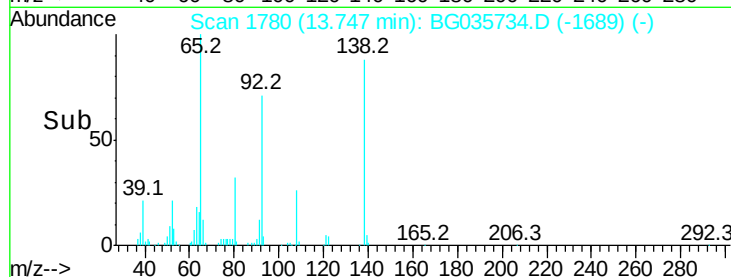
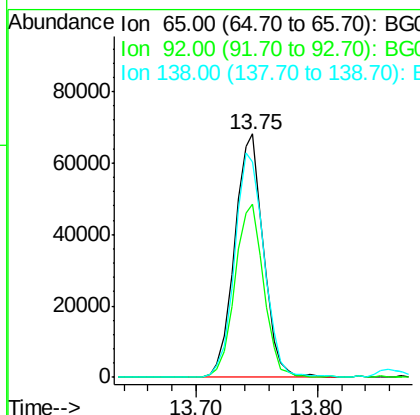
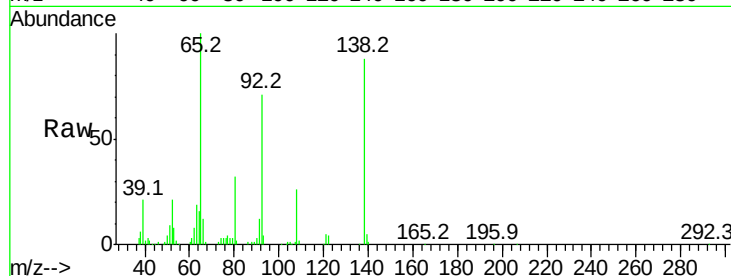




#47
2-Nitroaniline
Concen: 49.295 ng
RT: 13.75 min Scan# 1780
Delta R.T. 0.00 min
Lab File: BG035734.D
Acq: 19 Jul 2018 2:03

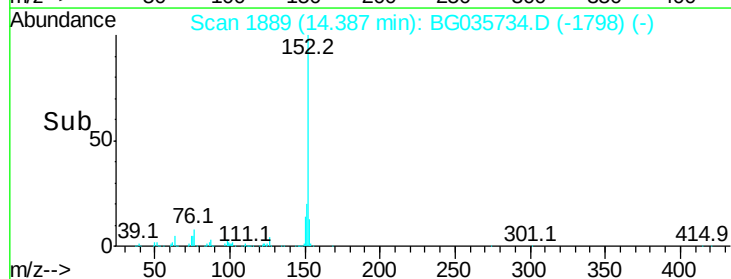
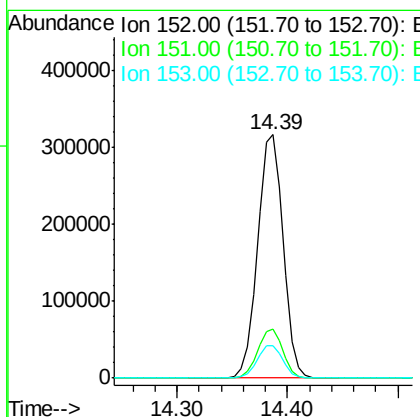
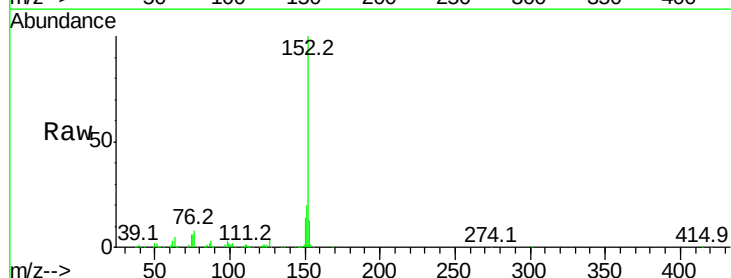
Instrument :
BNA_G
ClientSampleId :

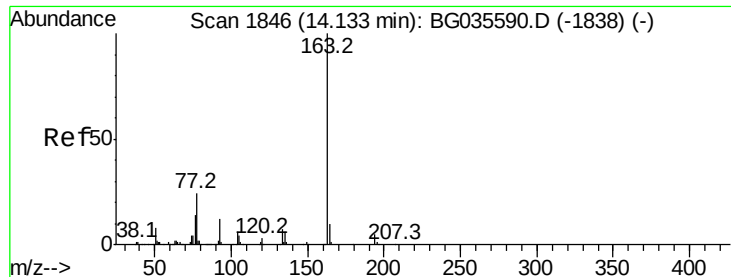
Tot Ion: 65 Resp: 112741
Ion Ratio Lower Upper
65 100
92 71.3 54.6 82.0
138 88.3 72.9 109.3



#48
Acenaphthylene
Concen: 47.346 ng
RT: 14.39 min Scan# 1889
Delta R.T. 0.00 min
Lab File: BG035734.D
Acq: 19 Jul 2018 2:03

Tgt Ion: 152 Resp: 513068
Ion Ratio Lower Upper
152 100
151 20.4 17.2 25.8
153 13.2 10.2 15.4





#49

Dimethylphthalate

Concen: 46.488 ng

RT: 14.12 min Scan# 1843

Delta R.T. 0.00 min

Lab File: BG035734.D

Acq: 19 Jul 2018 2:03

Instrument :

BNA_G

ClientSampleId :

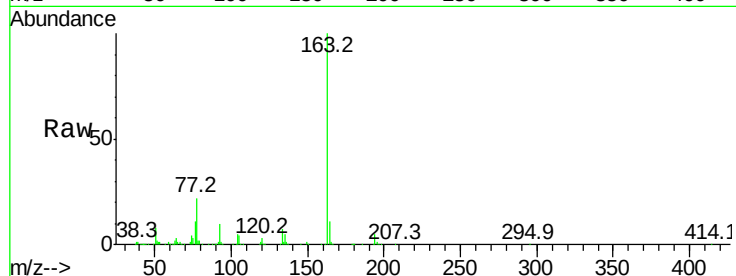
Tot Ion:163 Resp: 436925

Ion Ratio Lower Upper

163 100

194 4.9 3.4 5.2

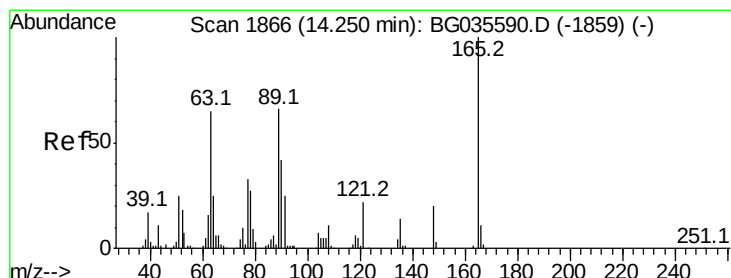
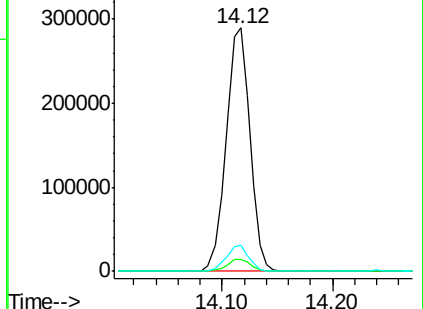
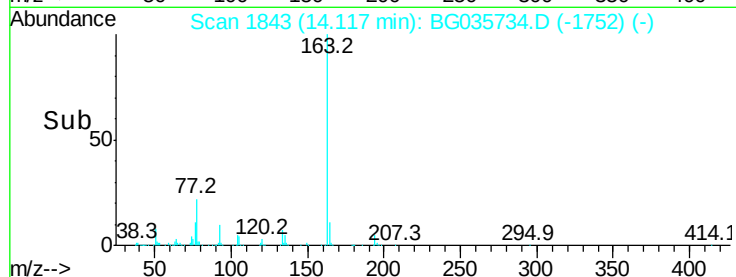
164 10.7 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 52.174 ng

RT: 14.23 min Scan# 1863

Delta R.T. -0.00 min

Lab File: BG035734.D

Acq: 19 Jul 2018 2:03

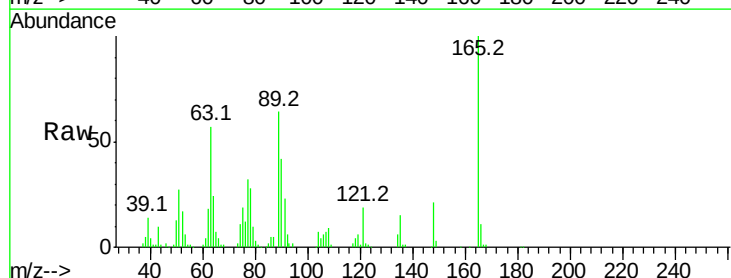
Tgt Ion:165 Resp: 99857

Ion Ratio Lower Upper

165 100

63 56.6 52.7 79.1

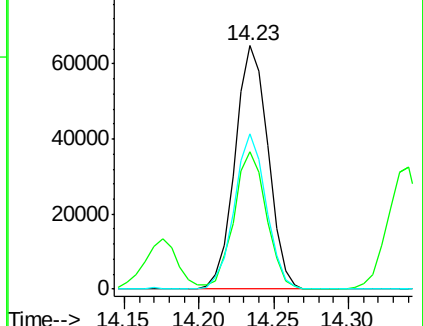
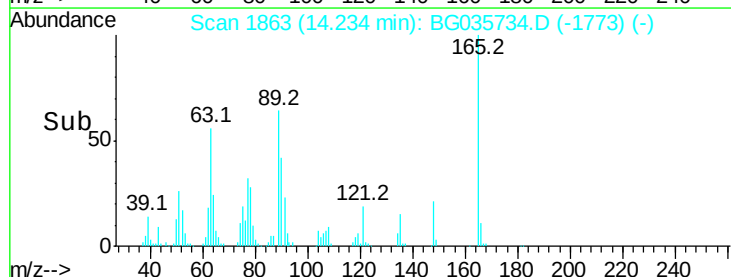
89 63.6 49.2 73.8

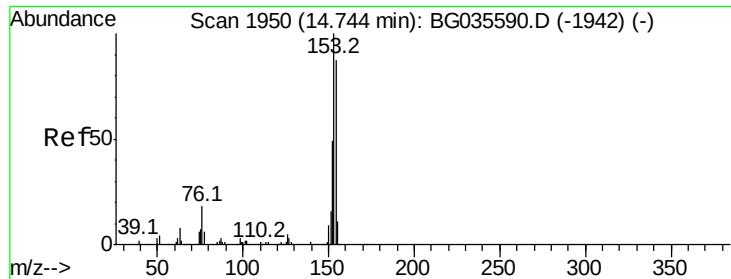


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 45.345 ng

RT: 14.73 min Scan# 1947

Delta R.T. 0.00 min

Lab File: BG035734.D

Acq: 19 Jul 2018 2:03

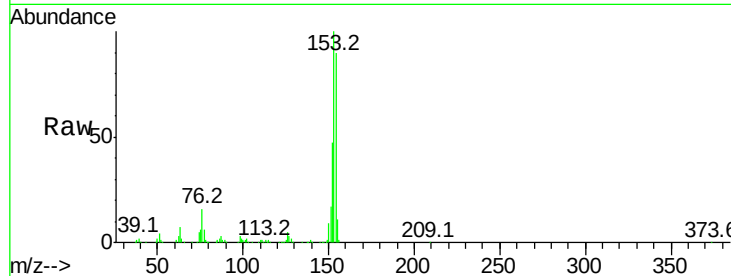
Instrument :

BNA_G

ClientSampleId :

Tot Ion:154 Resp: 306099

Ion	Ratio	Lower	Upper
154	100		
153	111.0	90.4	135.6
152	52.1	41.6	62.4

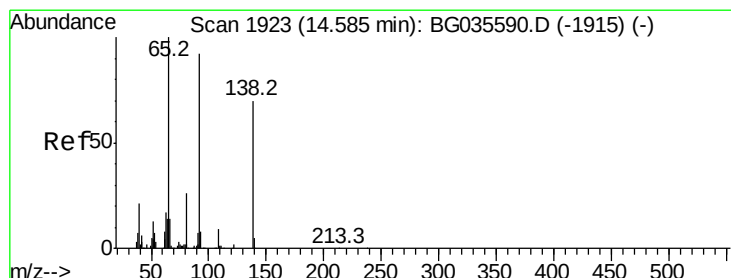
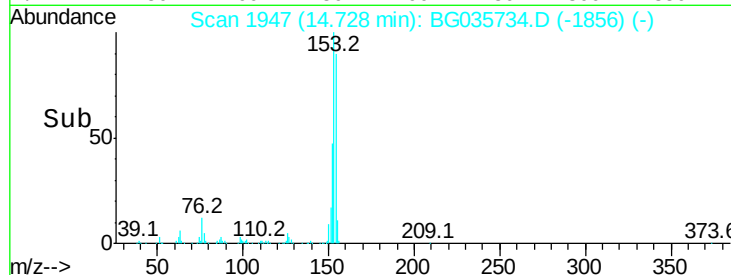
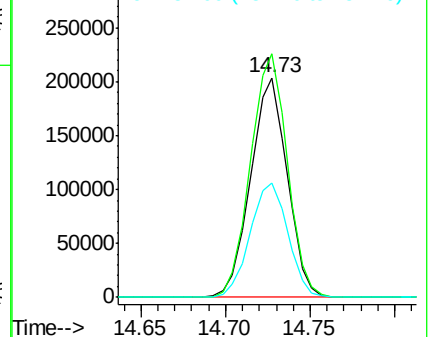


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 23.496 ng

RT: 14.57 min Scan# 1920

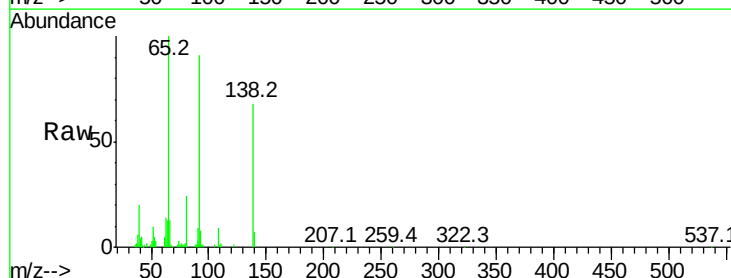
Delta R.T. 0.00 min

Lab File: BG035734.D

Acq: 19 Jul 2018 2:03

Tgt Ion:138 Resp: 45963

Ion	Ratio	Lower	Upper
138	100		
108	12.9	17.5	26.3#
92	134.2	105.8	158.8

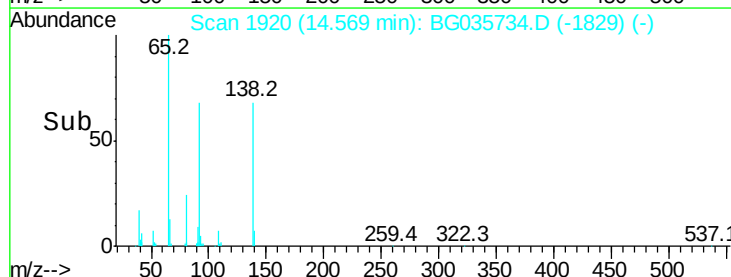
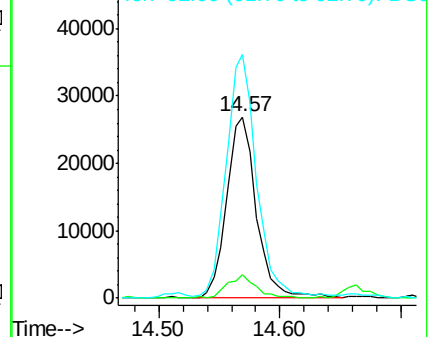


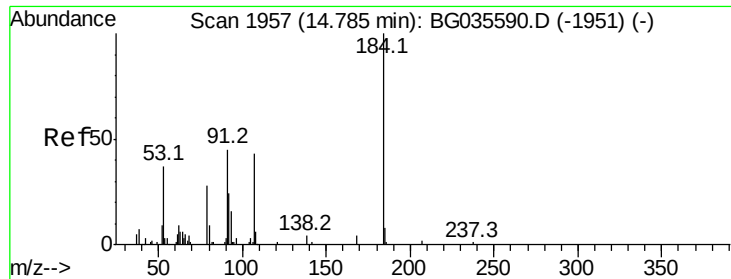
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

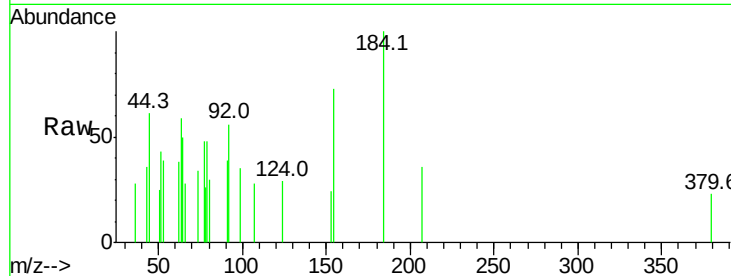




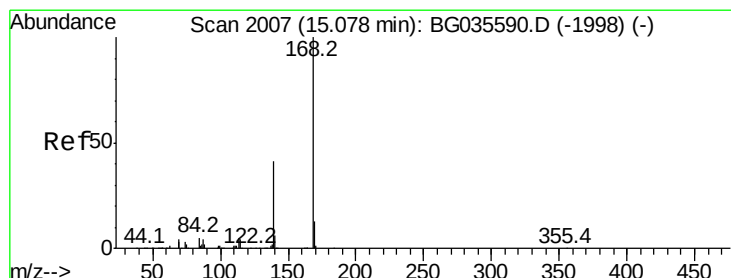
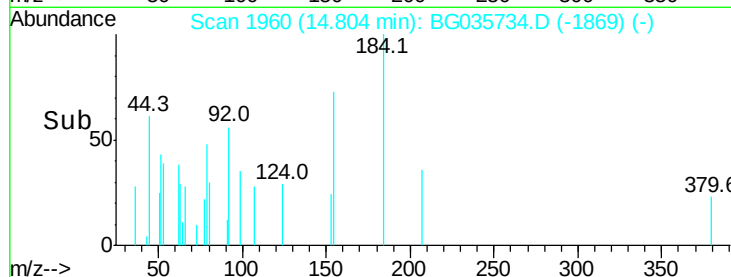
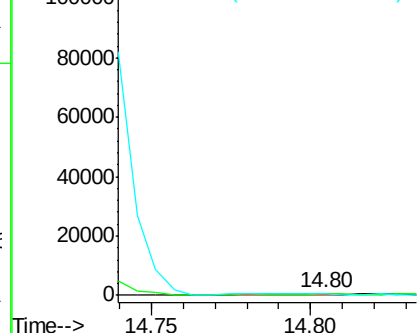
#53
 2,4-Dinitrophenol
 Concen: 7.553 ng
 RT: 14.80 min Scan# 1960
 Delta R.T. 0.00 min
 Lab File: BG035734.D
 Acq: 19 Jul 2018 2:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:184 Resp: 1041
 Ion Ratio Lower Upper
 184 100
 63 59.2 59.8 89.8#
 154 73.2 101.8 152.8#

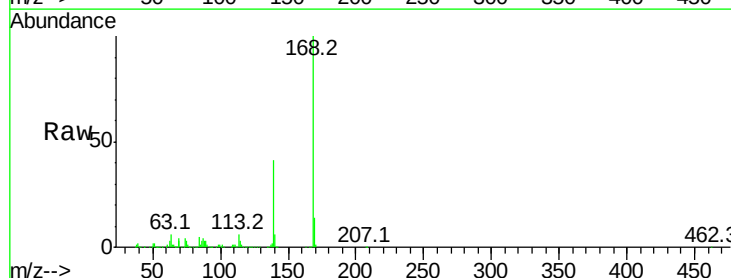


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 154.00 (153.70 to 154.70): E

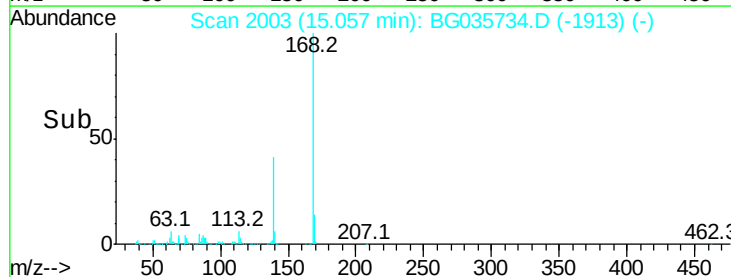
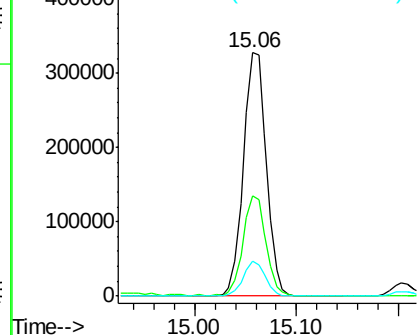


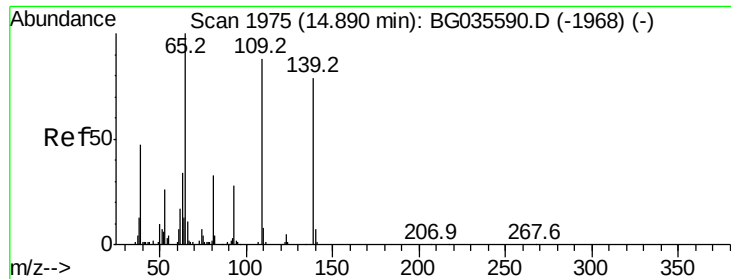
#54
 Dibenzofuran
 Concen: 47.804 ng
 RT: 15.06 min Scan# 2003
 Delta R.T. -0.00 min
 Lab File: BG035734.D
 Acq: 19 Jul 2018 2:03

Tgt Ion:168 Resp: 513217
 Ion Ratio Lower Upper
 168 100
 139 40.9 28.6 43.0
 169 14.1 11.2 16.8



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 98.856 ng

RT: 14.89 min Scan# 1974

Delta R.T. 0.00 min

Lab File: BG035734.D

Acq: 19 Jul 2018 2:03

Instrument :

BNA_G

ClientSampleId :

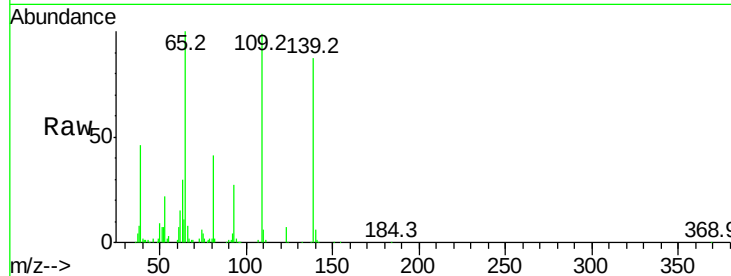
Tot Ion:139 Resp: 137717

Ion Ratio Lower Upper

139 100

109 113.0 62.2 102.2#

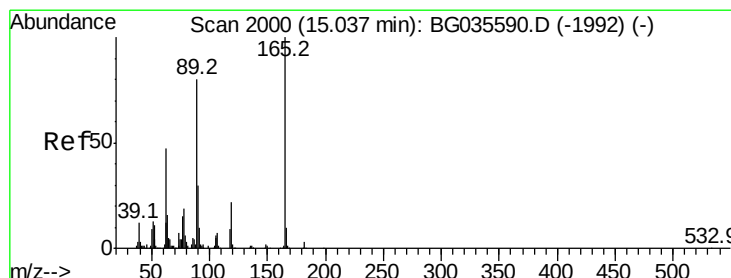
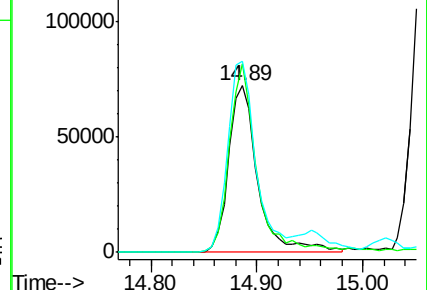
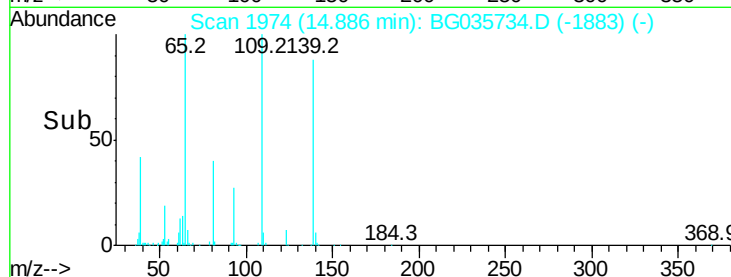
65 114.5 97.2 137.2



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 53.492 ng

RT: 15.02 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BG035734.D

Acq: 19 Jul 2018 2:03

Tgt Ion:165 Resp: 146879

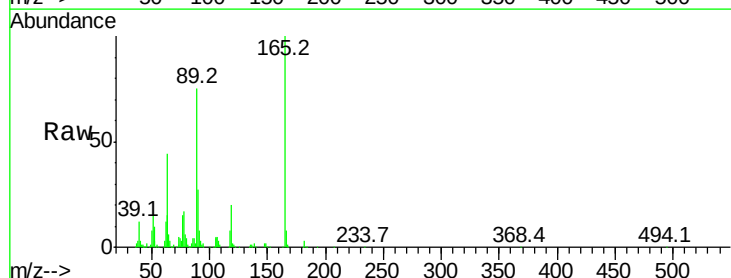
Ion Ratio Lower Upper

165 100

63 44.0 42.0 63.0

89 74.5 66.9 100.3

182 2.6 2.6 3.8

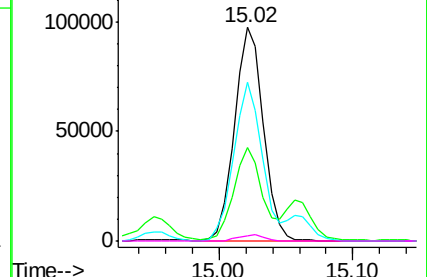
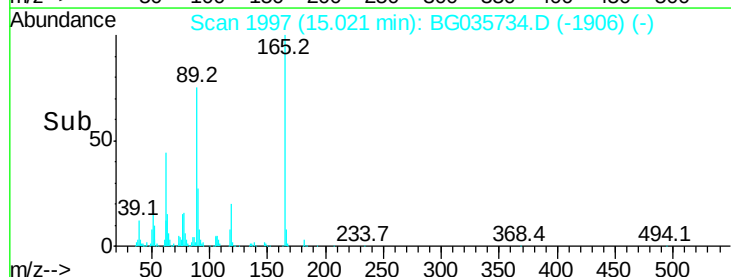


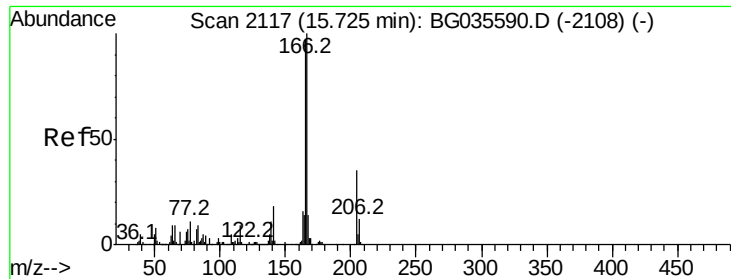
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 47.772 ng

RT: 15.71 min Scan# 2114

Delta R.T. 0.00 min

Lab File: BG035734.D

Acq: 19 Jul 2018 2:03

Instrument :

BNA_G

ClientSampleId :

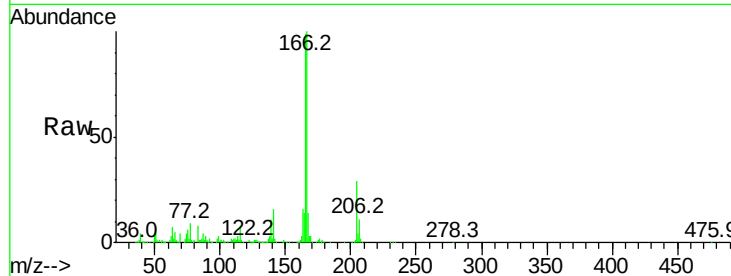
Tot Ion:166 Resp: 429856

Ion Ratio Lower Upper

166 100

165 99.4 80.6 121.0

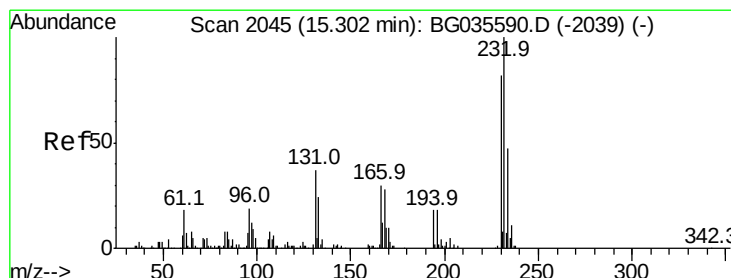
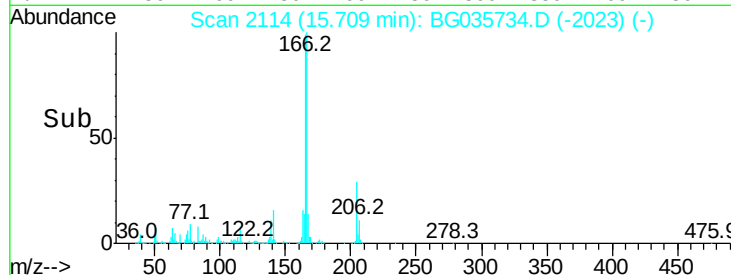
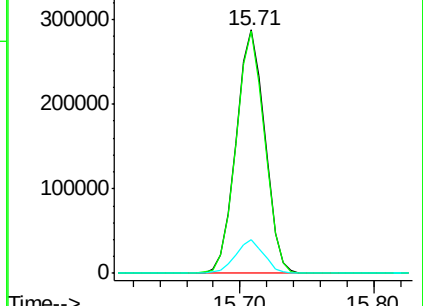
167 13.7 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 52.646 ng

RT: 15.29 min Scan# 2042

Delta R.T. -0.00 min

Lab File: BG035734.D

Acq: 19 Jul 2018 2:03

Tgt Ion:232 Resp: 133705

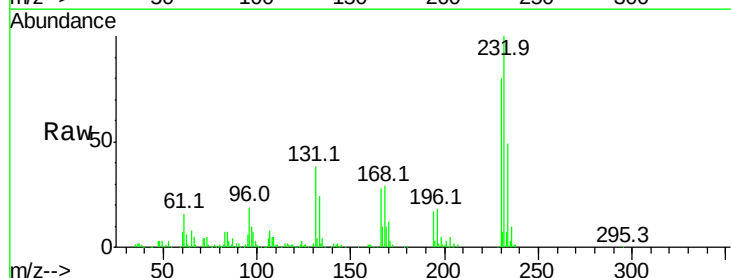
Ion Ratio Lower Upper

232 100

131 37.3 33.5 50.3

130 2.3 2.2 3.2

166 28.2 24.8 37.2

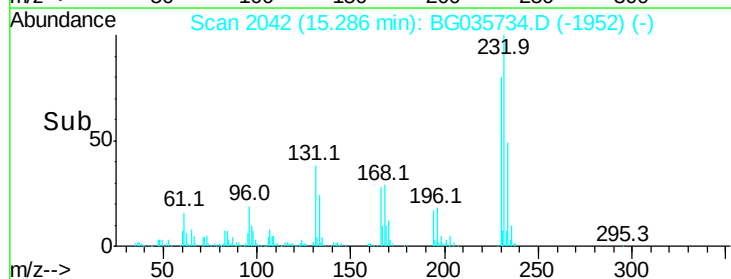
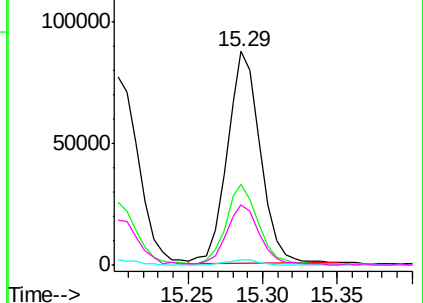


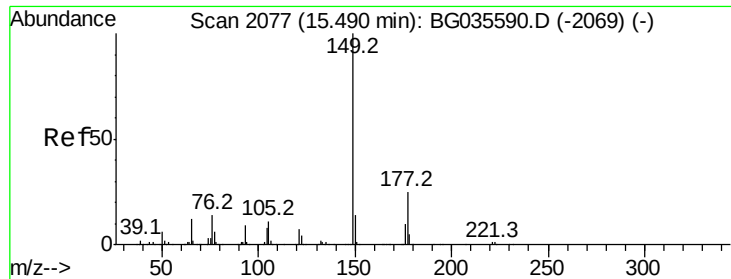
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

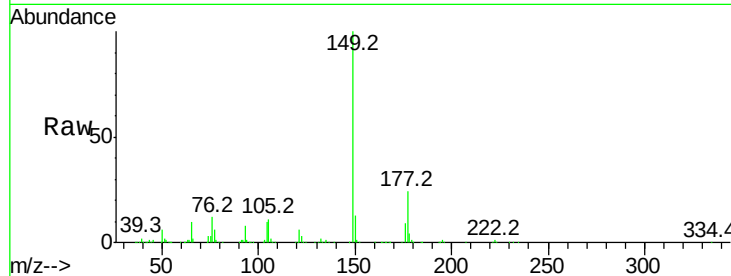




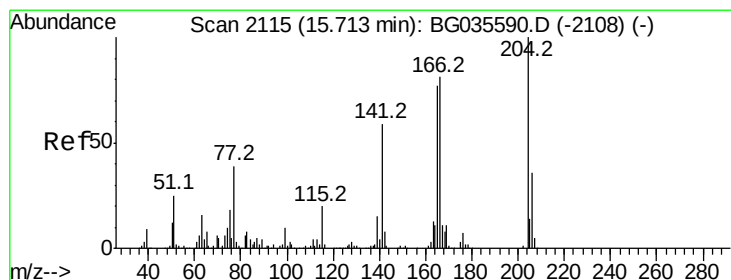
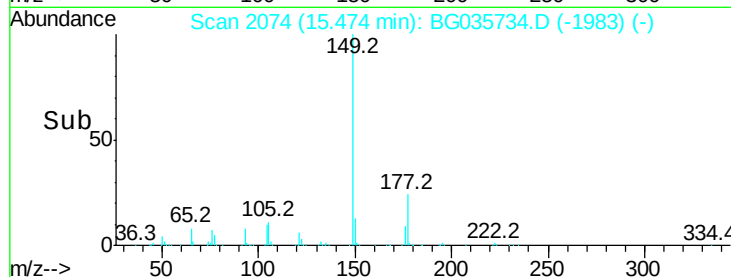
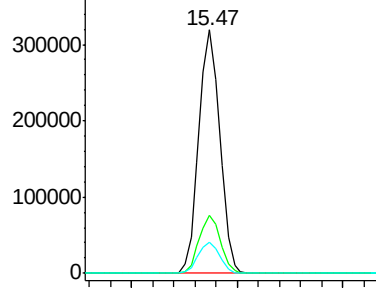
#59
 Diethylphthalate
 Concen: 45.516 ng
 RT: 15.47 min Scan# 2074
 Delta R.T. 0.00 min
 Lab File: BG035734.D
 Acq: 19 Jul 2018 2:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
177	24.0	18.5	27.7
150	12.7	10.2	15.2

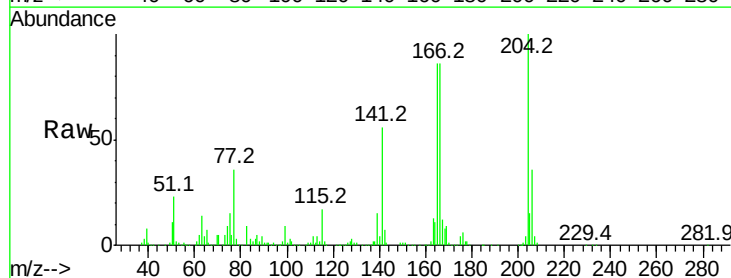


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

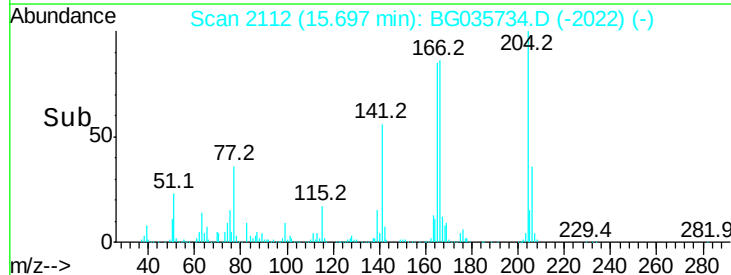
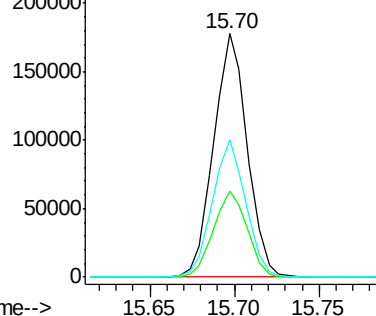


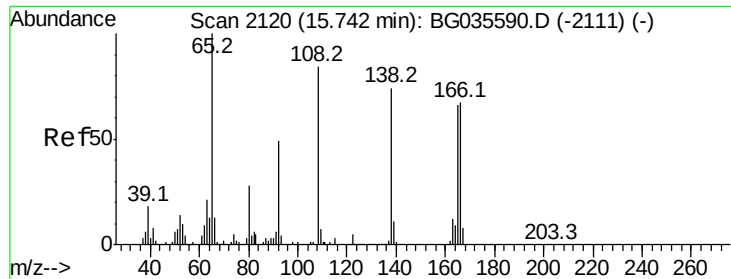
#60
 4-Chlorophenyl-phenylether
 Concen: 46.332 ng
 RT: 15.70 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: BG035734.D
 Acq: 19 Jul 2018 2:03

Tgt Ion	Ratio	Lower	Upper
204	100		
206	35.6	26.2	39.2
141	56.4	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

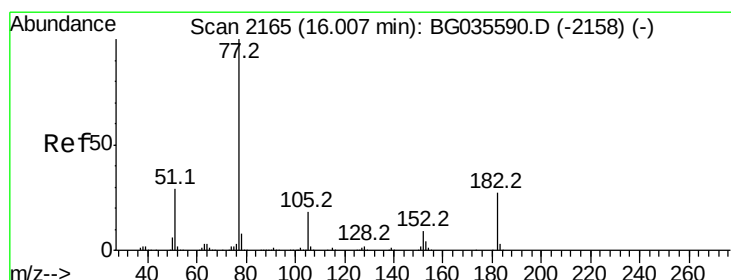
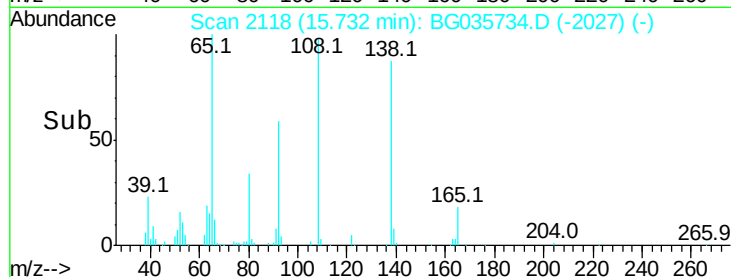
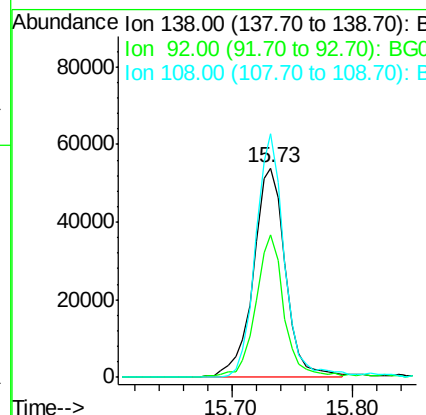
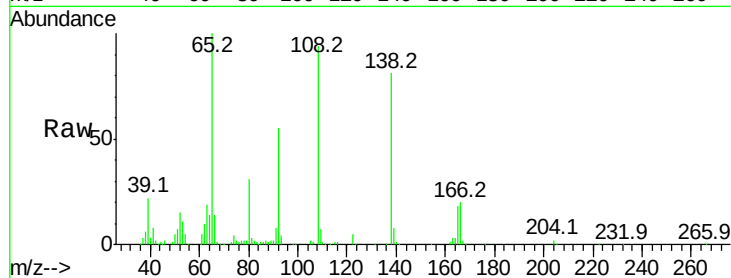




#61
4-Nitroaniline
Concen: 49.070 ng
RT: 15.73 min Scan# 2118
Delta R.T. 0.00 min
Lab File: BG035734.D
Acq: 19 Jul 2018 2:03

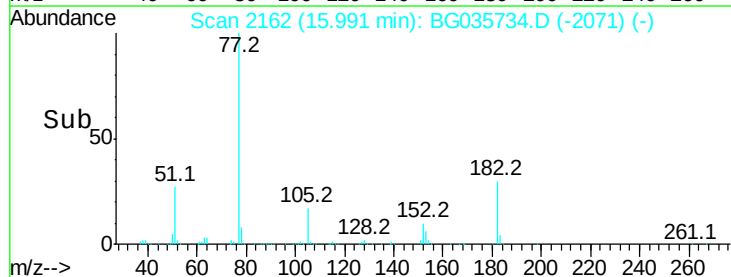
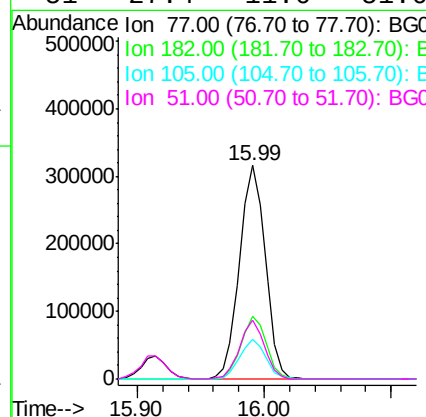
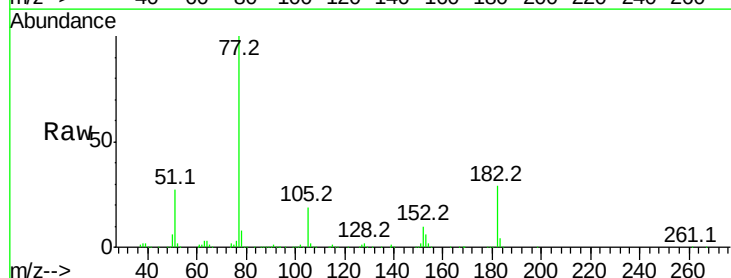
Instrument :
BNA_G
ClientSampleId :

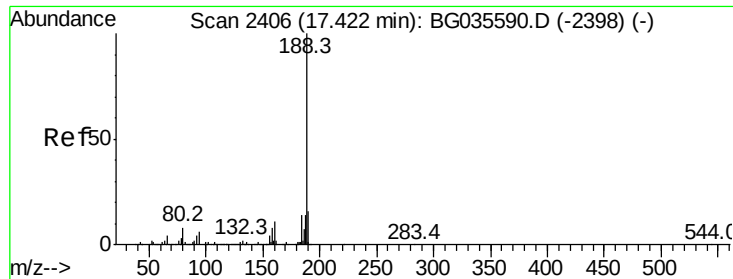
Tot Ion:138 Resp: 100409
Ion Ratio Lower Upper
138 100
92 67.9 40.1 80.1
108 116.5 65.4 105.4#



#62
Azobenzene
Concen: 46.387 ng
RT: 15.99 min Scan# 2162
Delta R.T. 0.00 min
Lab File: BG035734.D
Acq: 19 Jul 2018 2:03

Tgt Ion: 77 Resp: 442196
Ion Ratio Lower Upper
77 100
182 29.3 7.4 47.4
105 18.9 0.3 40.3
51 27.4 11.6 51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2403

Delta R.T. 0.00 min

Lab File: BG035734.D

Acq: 19 Jul 2018 2:03

Instrument :

BNA_G

ClientSampleId :

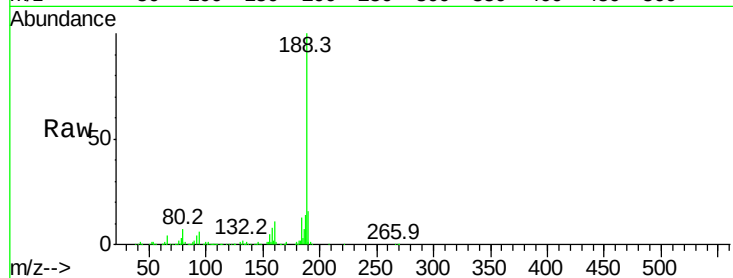
Tot Ion:188 Resp: 296244

Ion Ratio Lower Upper

188 100

94 6.1 6.9 10.3#

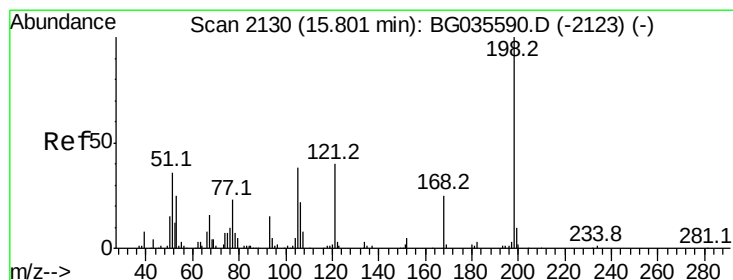
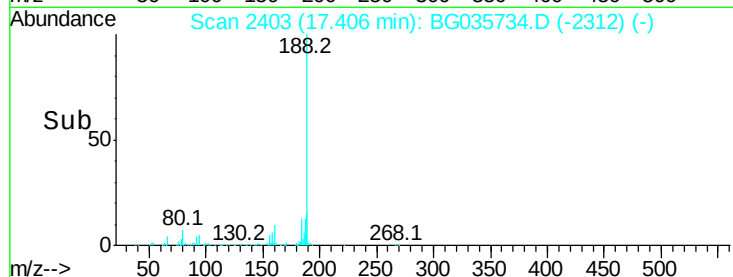
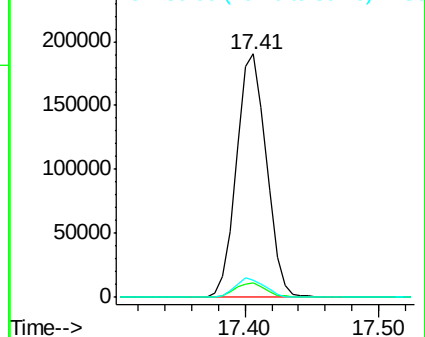
80 6.9 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0



#64

4,6-Dinitro-2-methylphenol

Concen: 12.974 ng

RT: 15.79 min Scan# 2127

Delta R.T. -0.00 min

Lab File: BG035734.D

Acq: 19 Jul 2018 2:03

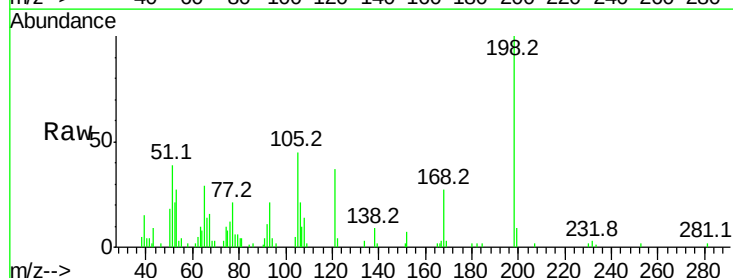
Tgt Ion:198 Resp: 21395

Ion Ratio Lower Upper

198 100

51 38.9 30.6 70.6

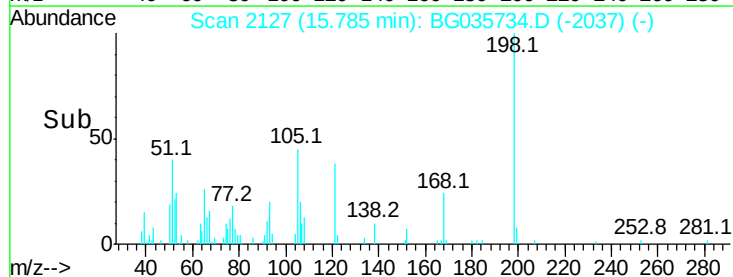
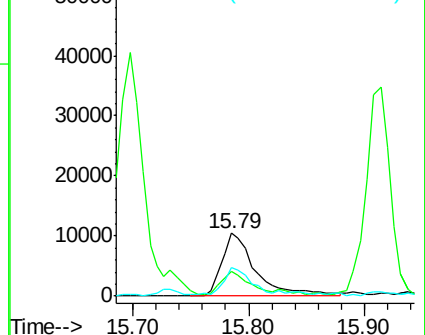
105 45.2 23.8 63.8

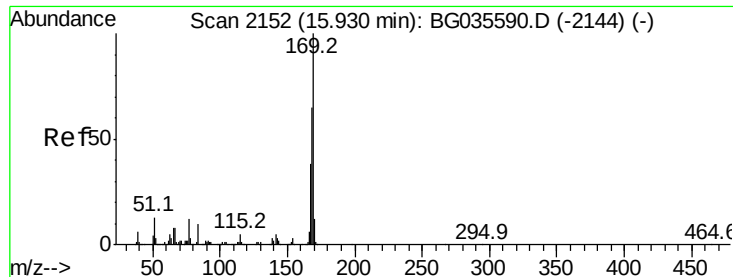


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 45.135 ng

RT: 15.91 min Scan# 2149

Delta R.T. 0.00 min

Lab File: BG035734.D

Acq: 19 Jul 2018 2:03

Instrument :

BNA_G

ClientSampleId :

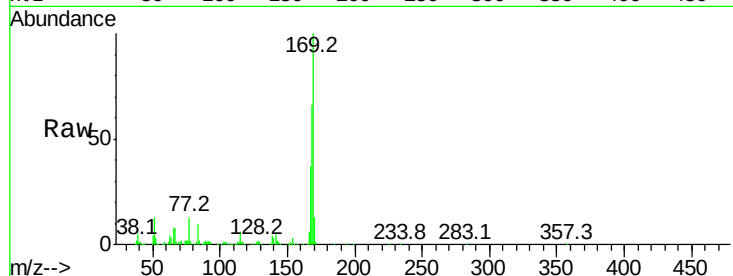
Tot Ion:169 Resp: 380589

Ion Ratio Lower Upper

169 100

168 66.0 55.7 83.5

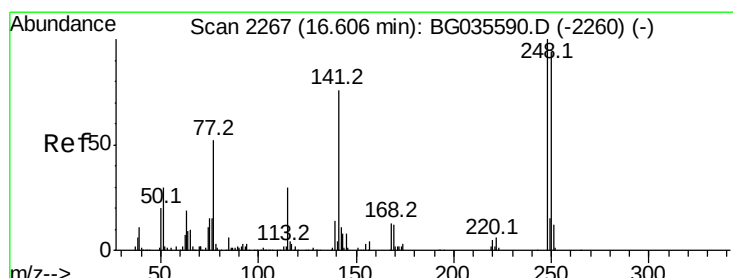
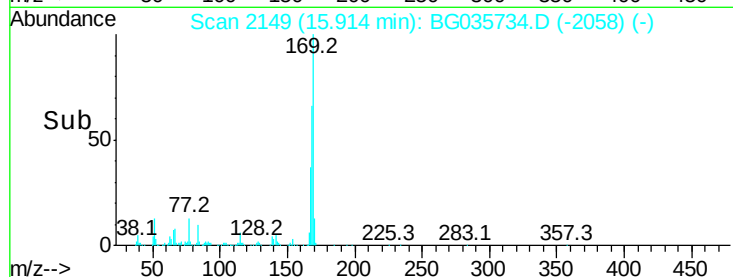
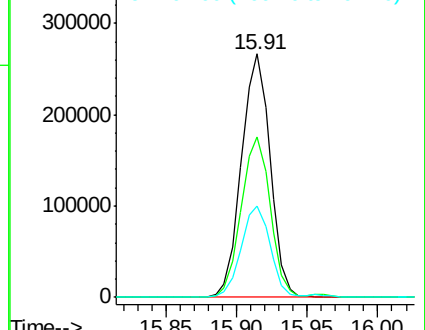
167 37.4 30.1 45.1



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: 47.743 ng

RT: 16.59 min Scan# 2264

Delta R.T. -0.00 min

Lab File: BG035734.D

Acq: 19 Jul 2018 2:03

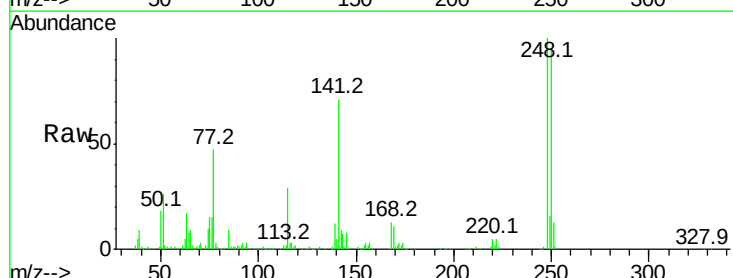
Tgt Ion:248 Resp: 164091

Ion Ratio Lower Upper

248 100

250 95.4 77.1 115.7

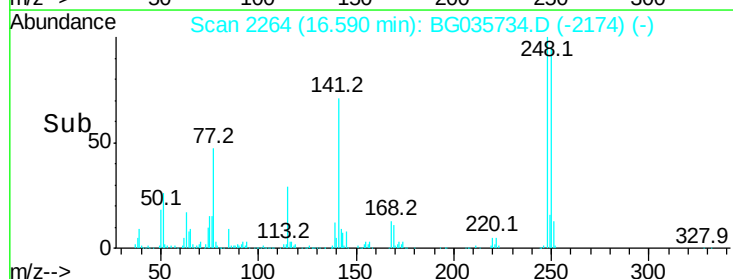
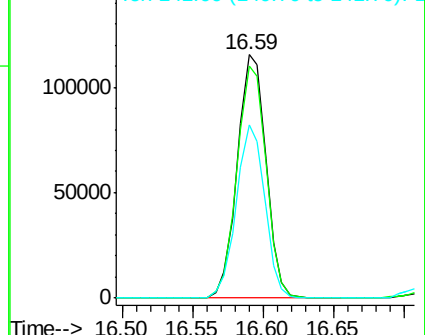
141 71.2 50.8 76.2

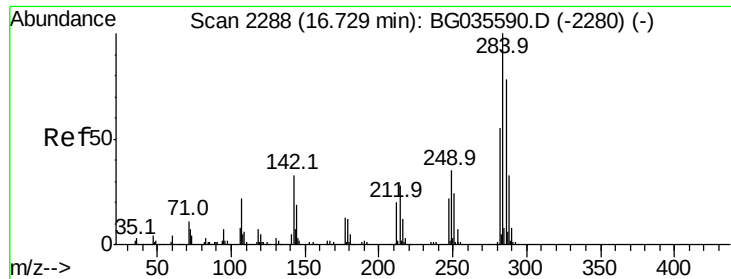


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 47.430 ng

RT: 16.71 min Scan# 2285

Delta R.T. 0.00 min

Lab File: BG035734.D

Acq: 19 Jul 2018 2:03

Instrument :

BNA_G

ClientSampleId :

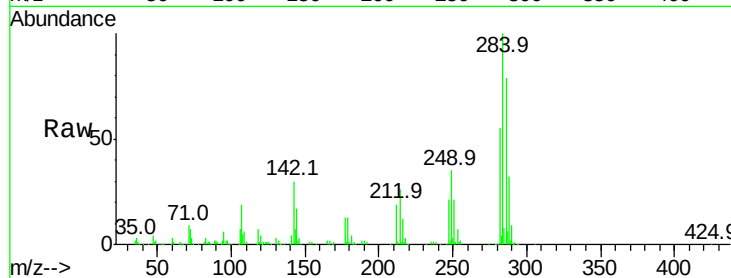
Tot Ion:284 Resp: 167874

Ion Ratio Lower Upper

284 100

142 30.2 26.8 40.2

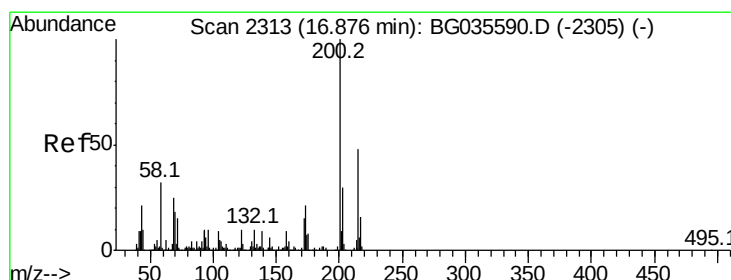
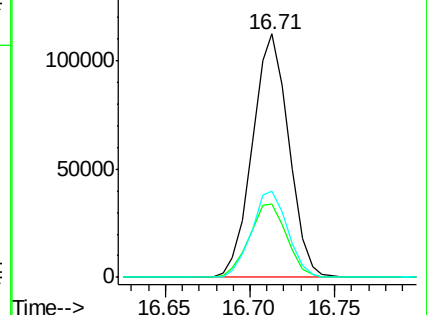
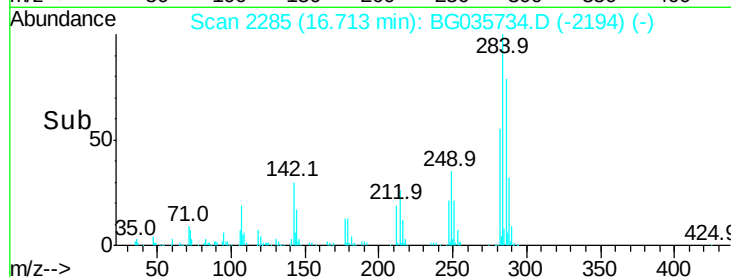
249 35.4 26.3 39.5



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: 51.339 ng

RT: 16.86 min Scan# 2310

Delta R.T. 0.00 min

Lab File: BG035734.D

Acq: 19 Jul 2018 2:03

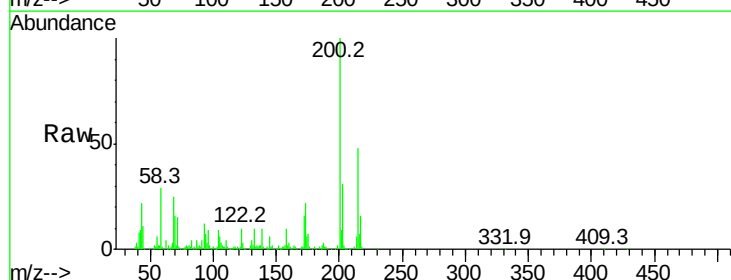
Tgt Ion:200 Resp: 178237

Ion Ratio Lower Upper

200 100

173 21.6 5.2 45.2

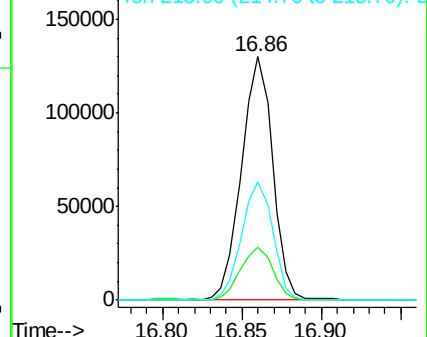
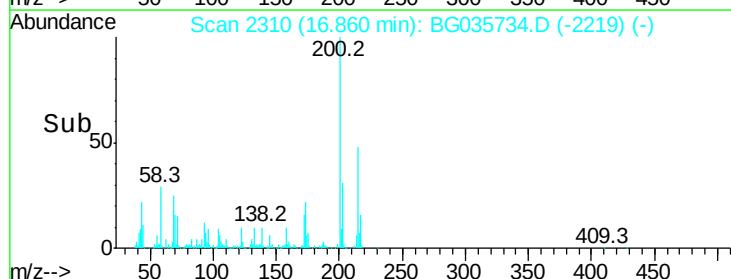
215 48.4 30.4 70.4

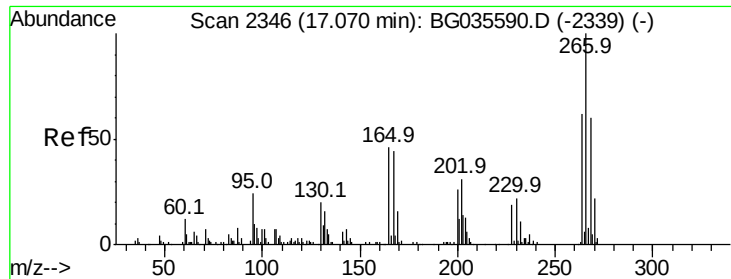


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

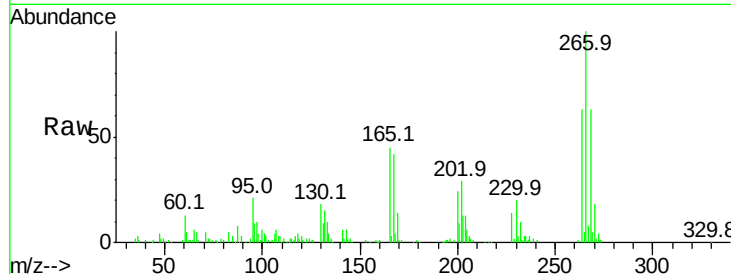




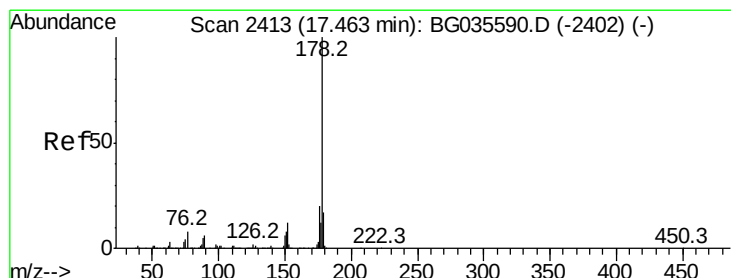
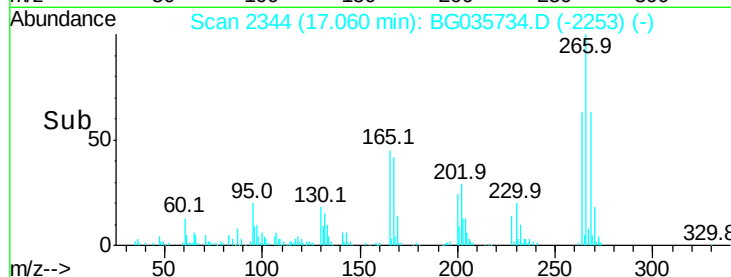
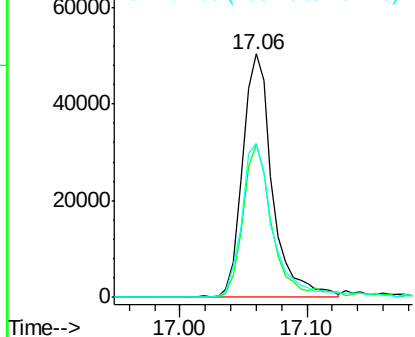
#69
 Pentachlorophenol
 Concen: 37.977 ng
 RT: 17.06 min Scan# 2344
 Delta R.T. 0.00 min
 Lab File: BG035734.D
 Acq: 19 Jul 2018 2:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:266 Resp: 81871
 Ion Ratio Lower Upper
 266 100
 268 62.6 51.1 76.7
 264 63.2 49.6 74.4

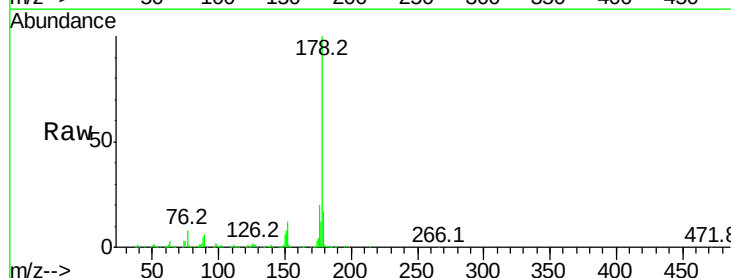


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

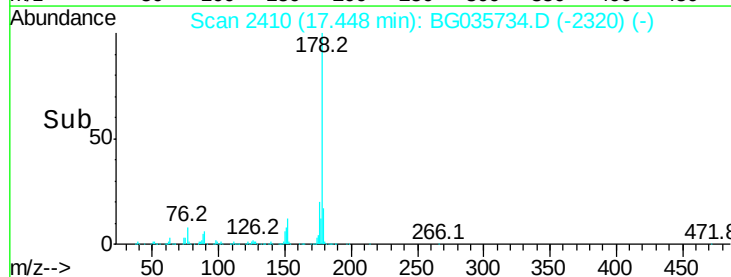
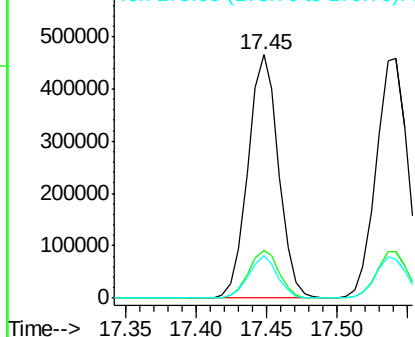


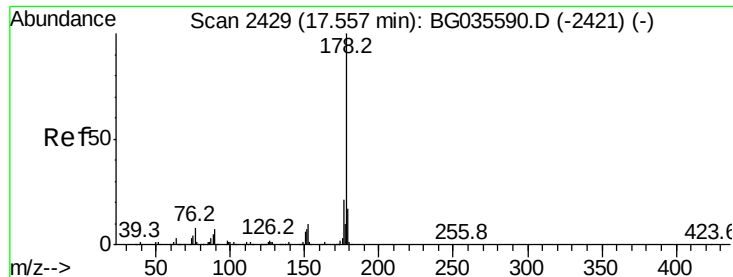
#70
 Phenanthrene
 Concen: 47.806 ng
 RT: 17.45 min Scan# 2410
 Delta R.T. -0.00 min
 Lab File: BG035734.D
 Acq: 19 Jul 2018 2:03

Tgt Ion:178 Resp: 706676
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.7 23.5
 179 17.4 12.5 18.7



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

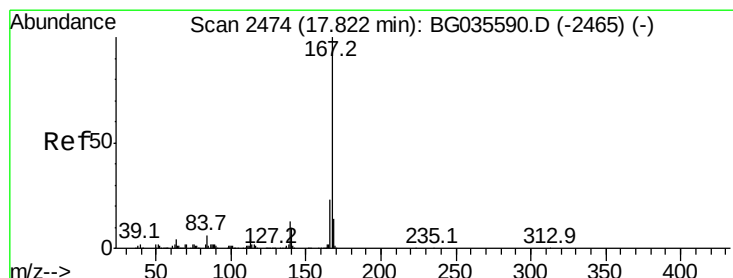
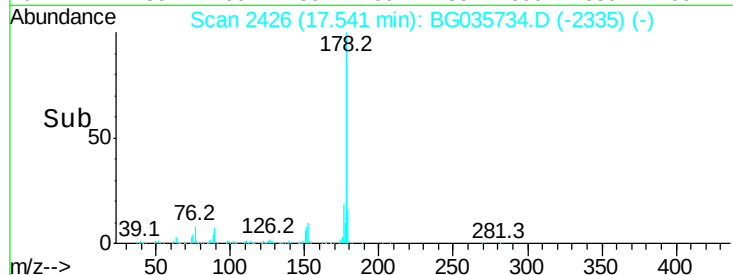
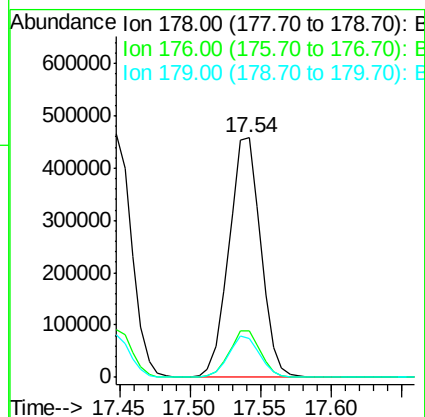
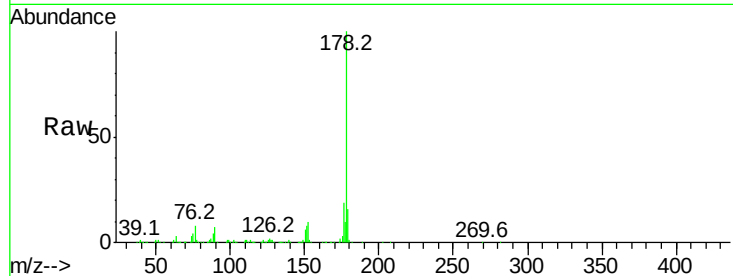




#71
 Anthracene
 Concen: 48.712 ng
 RT: 17.54 min Scan# 2426
 Delta R.T. 0.00 min
 Lab File: BG035734.D
 Acq: 19 Jul 2018 2:03

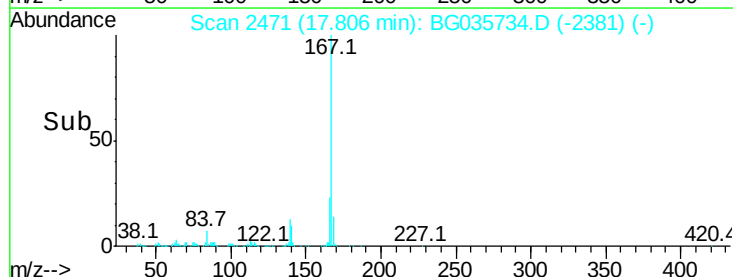
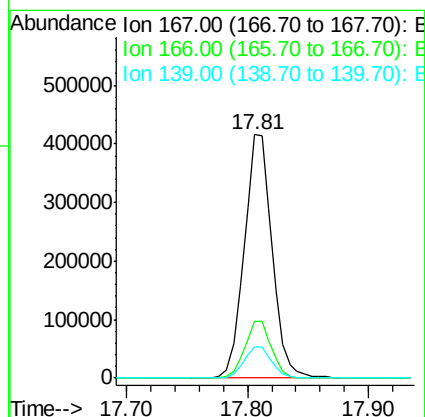
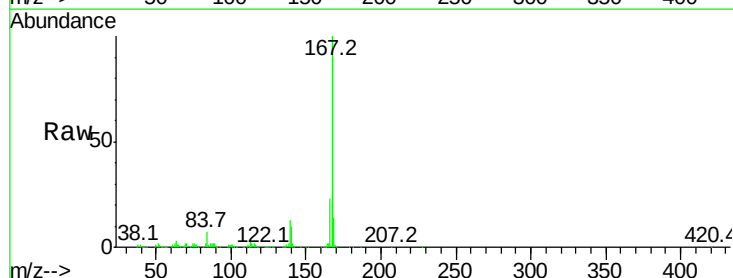
Instrument :
 BNA_G
 ClientSampleId :

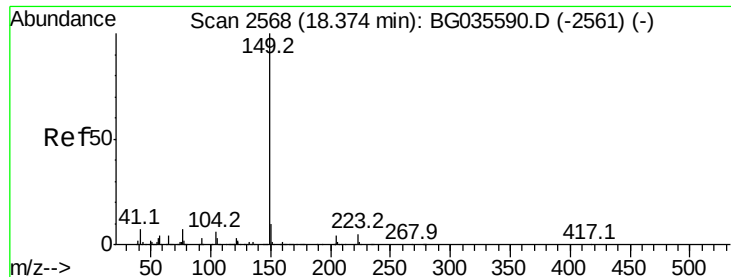
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.0	24.0
179	16.4	12.5	18.7



#72
 Carbazole
 Concen: 48.040 ng
 RT: 17.81 min Scan# 2471
 Delta R.T. -0.00 min
 Lab File: BG035734.D
 Acq: 19 Jul 2018 2:03

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.3	18.2	27.4
139	12.7	9.4	14.2





#73

Di-n-butylphthalate

Concen: 46.327 ng

RT: 18.36 min Scan# 2565

Delta R.T. -0.00 min

Lab File: BG035734.D

Acq: 19 Jul 2018 2:03

Instrument :

BNA_G

ClientSampleId :

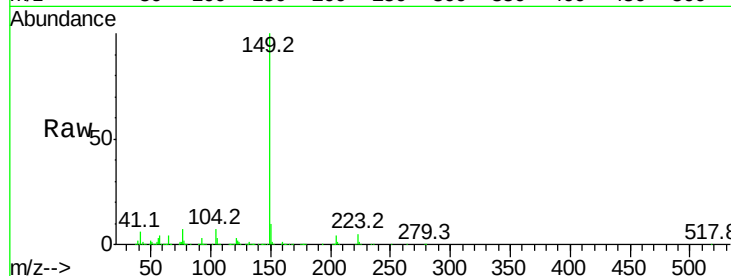
Tot Ion:149 Resp: 765252

Ion Ratio Lower Upper

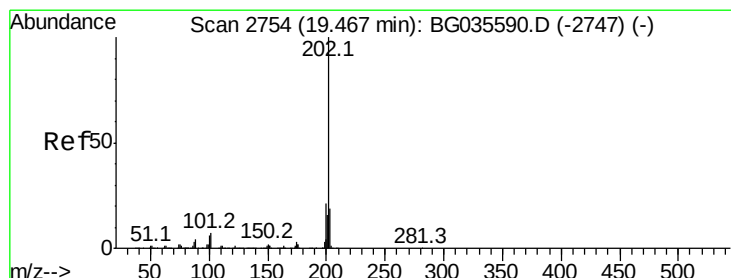
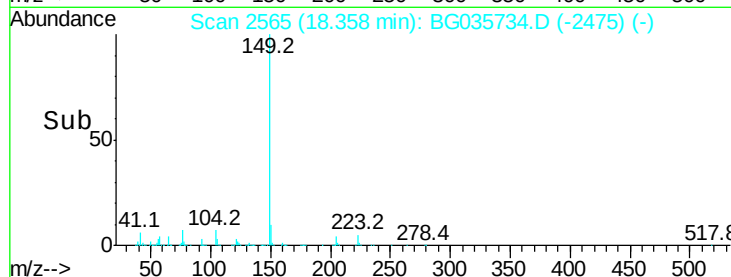
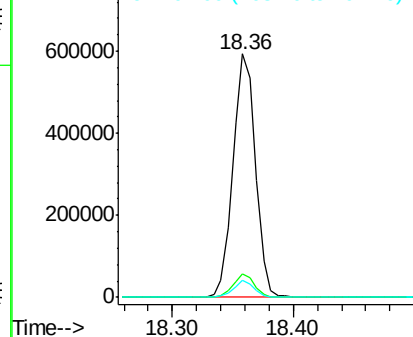
149 100

150 9.6 7.8 11.6

104 6.7 3.9 5.9#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 47.394 ng

RT: 19.46 min Scan# 2752

Delta R.T. 0.00 min

Lab File: BG035734.D

Acq: 19 Jul 2018 2:03

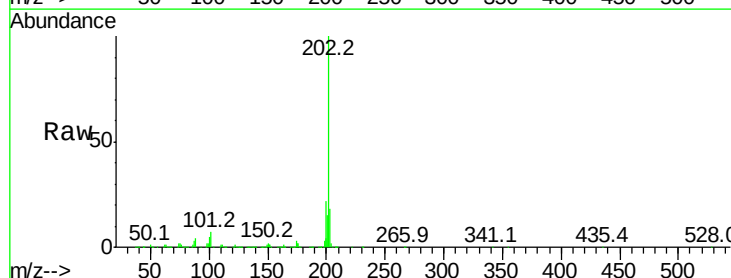
Tgt Ion:202 Resp: 943680

Ion Ratio Lower Upper

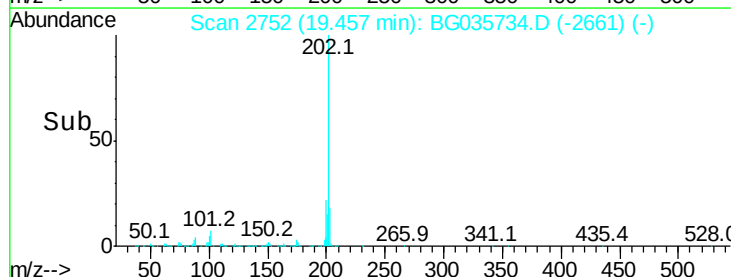
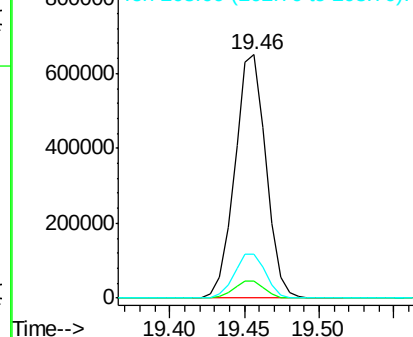
202 100

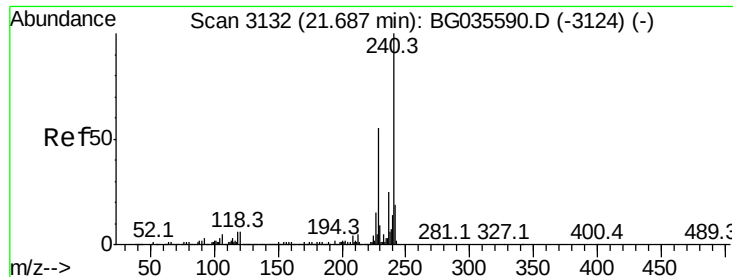
101 6.9 0.0 28.9

203 17.9 0.0 37.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.67 min Scan# 3129

Delta R.T. -0.00 min

Lab File: BG035734.D

Acq: 19 Jul 2018 2:03

Instrument :

BNA_G

ClientSampled :

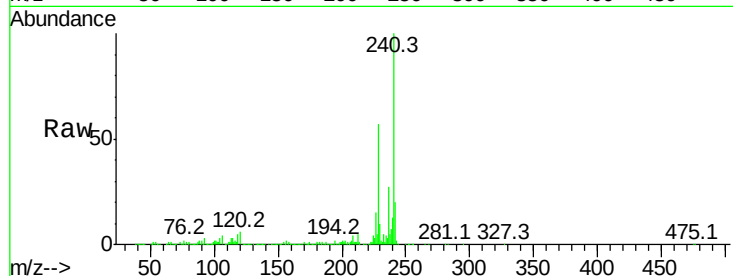
Tot Ion:240 Resp: 331848

Ion Ratio Lower Upper

240 100

120 6.5 6.8 10.2#

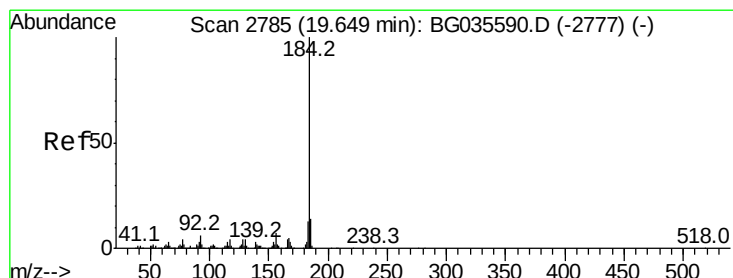
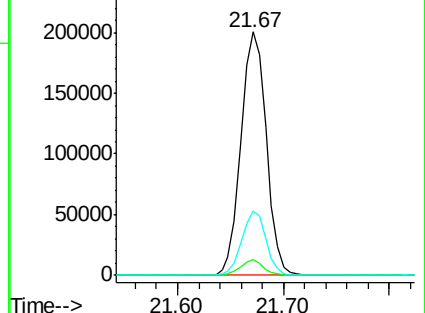
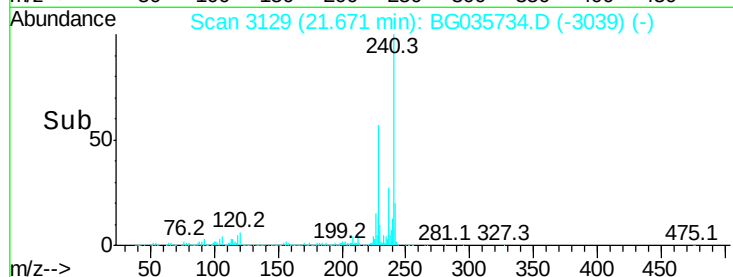
236 26.5 20.9 31.3



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: 38.110 ng

RT: 19.63 min Scan# 2782

Delta R.T. -0.00 min

Lab File: BG035734.D

Acq: 19 Jul 2018 2:03

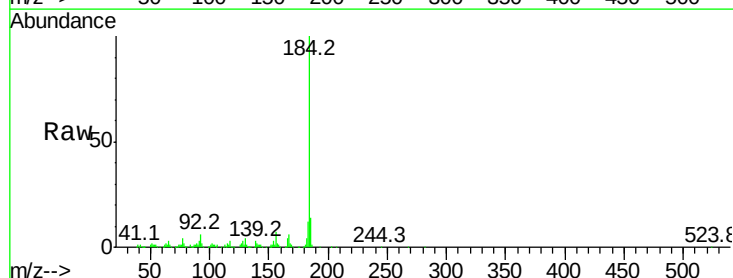
Tgt Ion:184 Resp: 332485

Ion Ratio Lower Upper

184 100

185 14.3 11.1 16.7

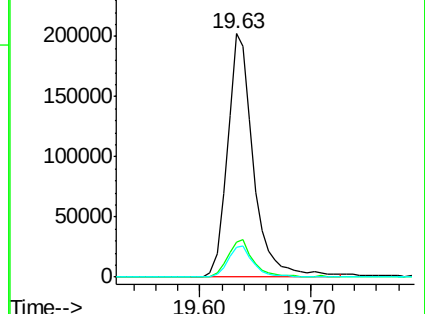
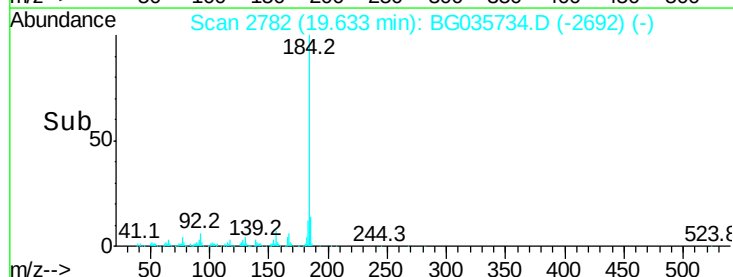
183 12.2 10.6 16.0

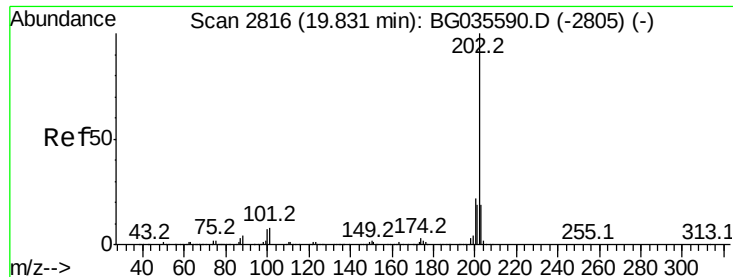


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 45.054 ng

RT: 19.81 min Scan# 2813

Delta R.T. 0.00 min

Lab File: BG035734.D

Acq: 19 Jul 2018 2:03

Instrument :

BNA_G

ClientSampleId :

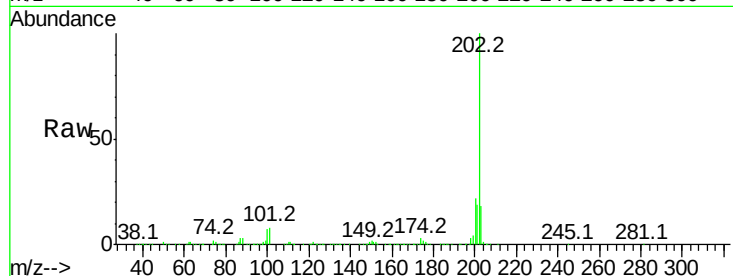
Tot Ion:202 Resp: 945372

Ion Ratio Lower Upper

202 100

200 21.8 16.9 25.3

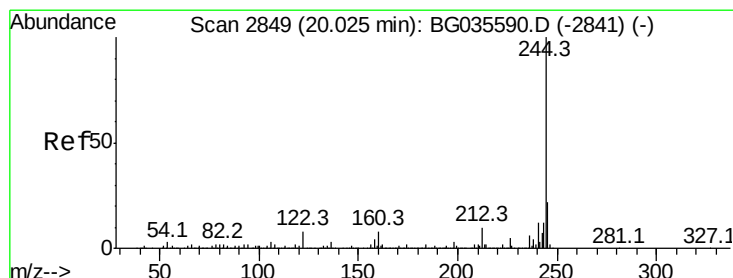
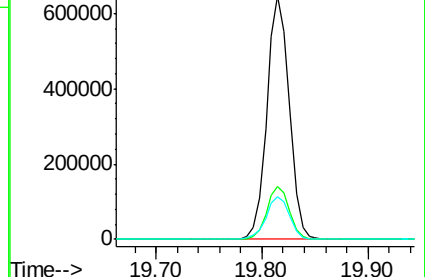
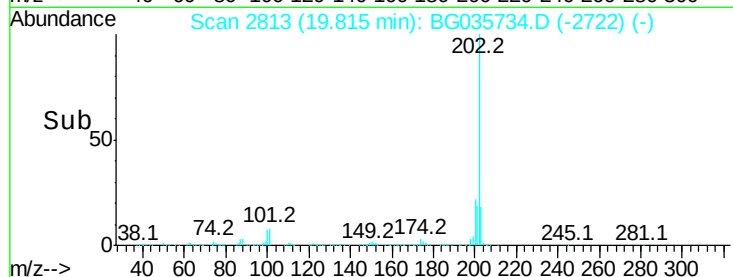
203 17.6 13.9 20.9



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: 90.896 ng

RT: 20.01 min Scan# 2846

Delta R.T. -0.00 min

Lab File: BG035734.D

Acq: 19 Jul 2018 2:03

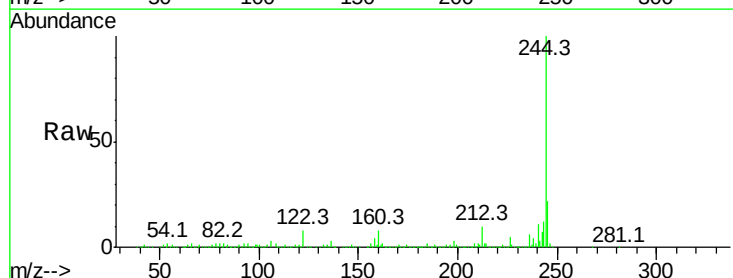
Tgt Ion:244 Resp: 1368403

Ion Ratio Lower Upper

244 100

212 9.8 5.8 8.8#

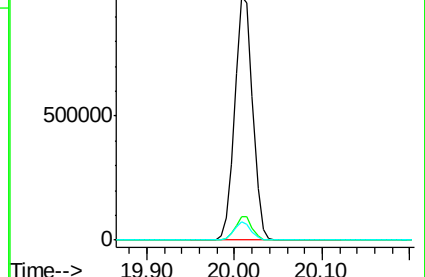
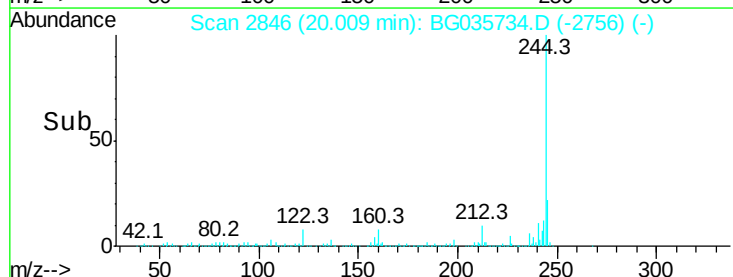
122 7.6 7.0 10.4

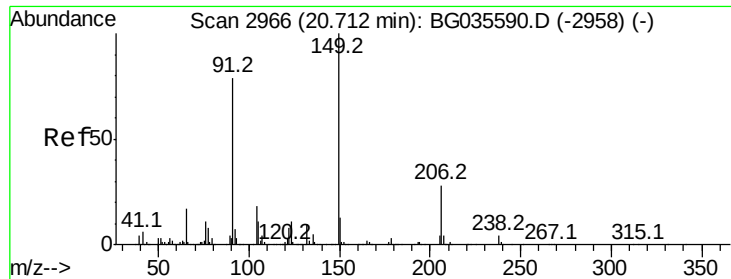


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

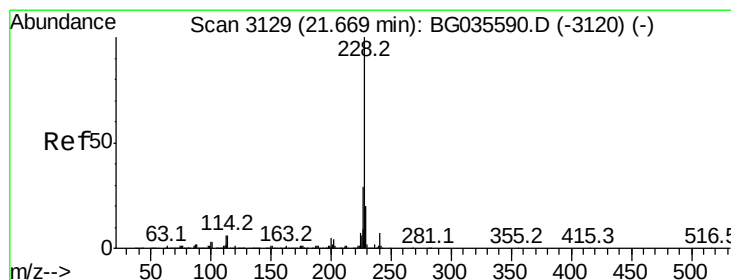
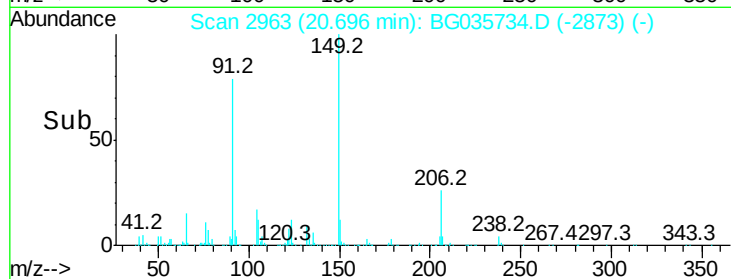
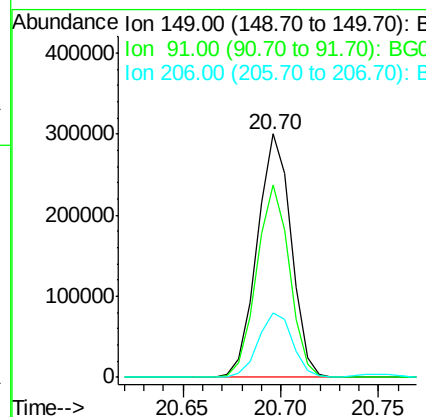
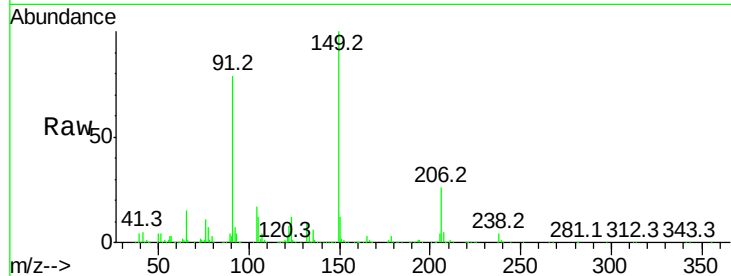




#79
Butylbenzylphthalate
Concen: 48.194 ng
RT: 20.70 min Scan# 2963
Delta R.T. -0.00 min
Lab File: BG035734.D
Acq: 19 Jul 2018 2:03

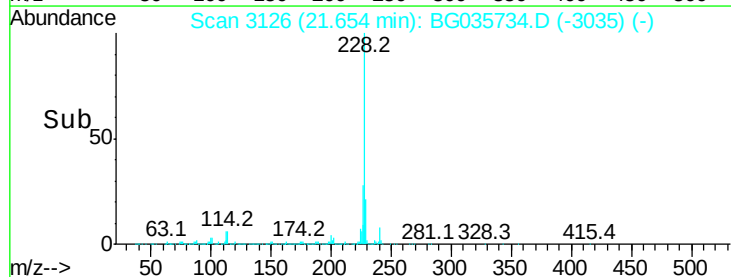
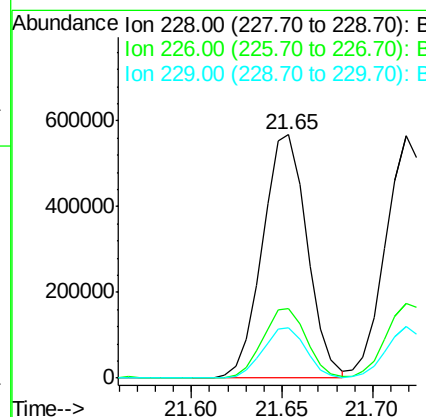
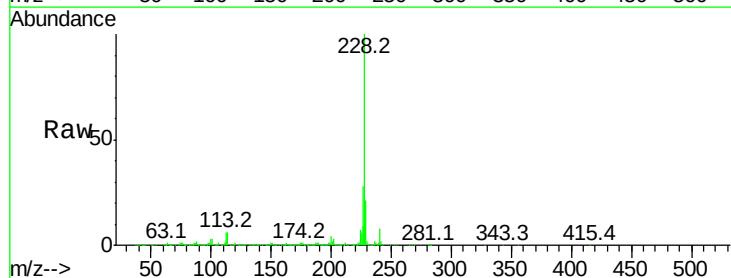
Instrument :
BNA_G
ClientSampleId :

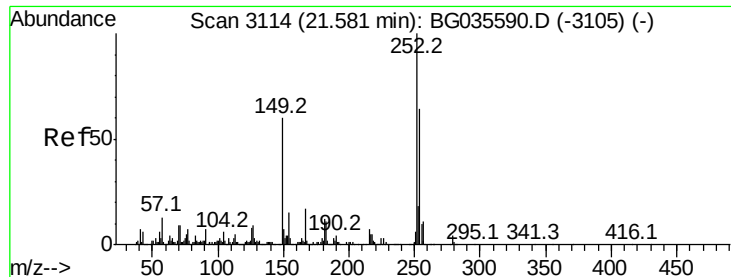
Tot Ion	Ratio	Lower	Upper
149	100		
91	78.8	62.2	93.2
206	26.3	18.6	27.8



#80
Benzo(a)anthracene
Concen: 47.006 ng
RT: 21.65 min Scan# 3126
Delta R.T. 0.00 min
Lab File: BG035734.D
Acq: 19 Jul 2018 2:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.7	34.1
229	20.7	16.2	24.2

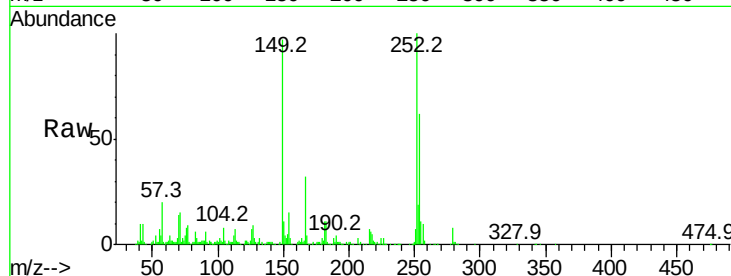




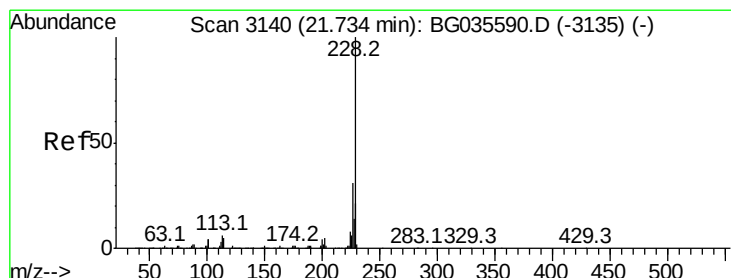
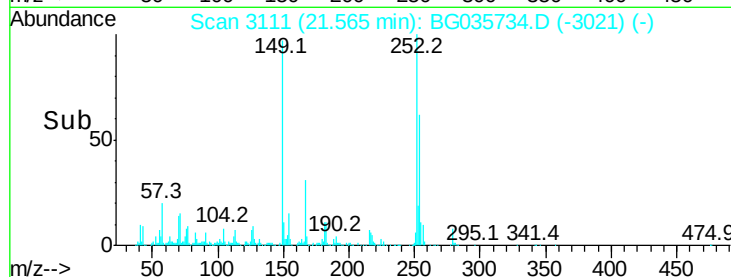
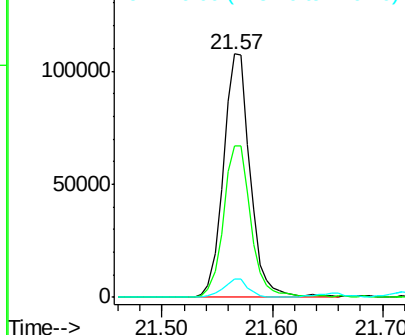
#81
 3,3'-Dichlorobenzidine
 Concen: 25.407 ng
 RT: 21.57 min Scan# 3111
 Delta R.T. -0.00 min
 Lab File: BG035734.D
 Acq: 19 Jul 2018 2:03

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:252 Resp: 183198
 Ion Ratio Lower Upper
 252 100
 254 62.0 50.8 76.2
 126 7.3 7.4 11.2#

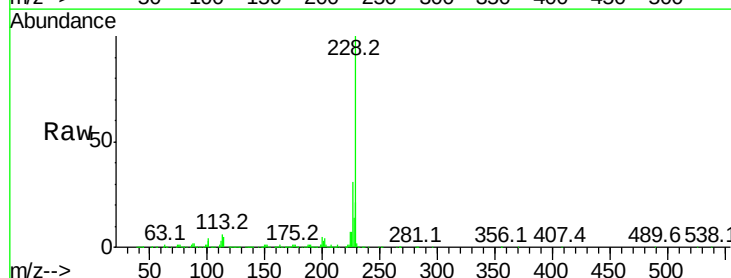


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

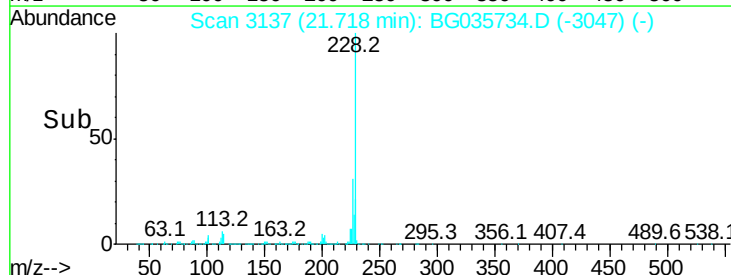
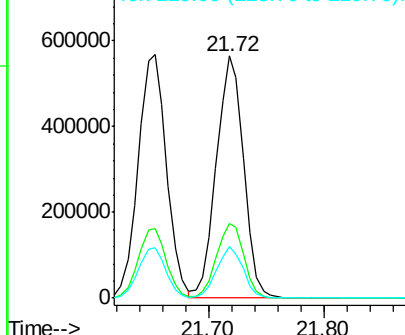


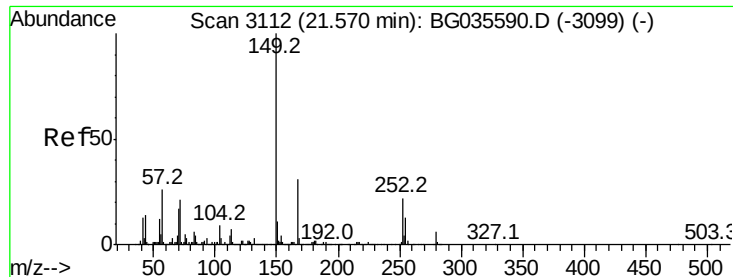
#82
 Chrysene
 Concen: 47.962 ng
 RT: 21.72 min Scan# 3137
 Delta R.T. -0.00 min
 Lab File: BG035734.D
 Acq: 19 Jul 2018 2:03

Tgt Ion:228 Resp: 919119
 Ion Ratio Lower Upper
 228 100
 226 31.0 24.9 37.3
 229 21.1 15.0 22.4



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 48.916 ng

RT: 21.55 min Scan# 3109

Delta R.T. 0.00 min

Lab File: BG035734.D

Acq: 19 Jul 2018 2:03

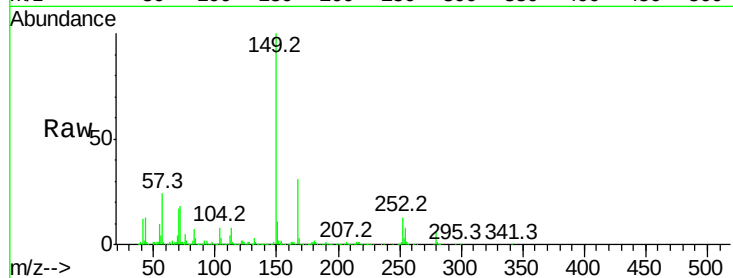
Instrument :

BNA_G

ClientSampleId :

Tot Ion:149 Resp: 499008

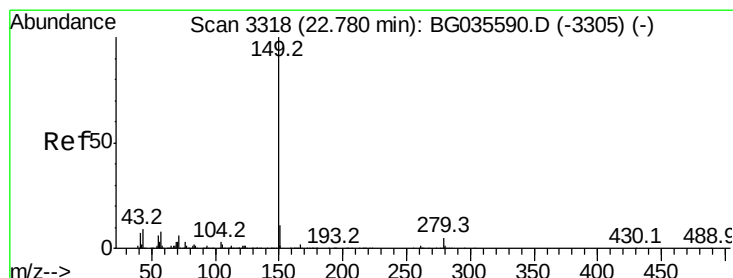
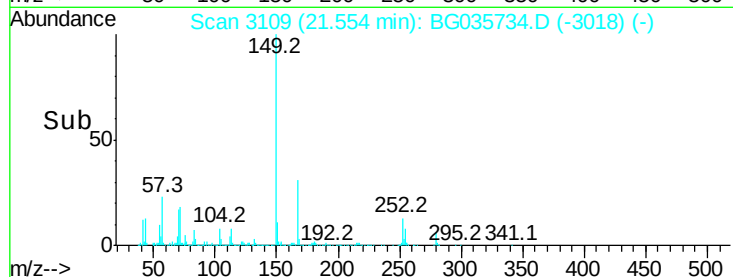
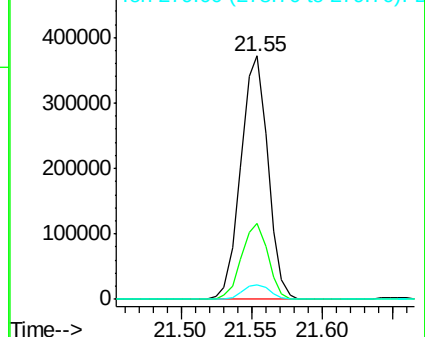
Ion	Ratio	Lower	Upper
149	100		
167	31.2	24.3	36.5
279	5.7	4.0	6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 50.048 ng

RT: 22.76 min Scan# 3314

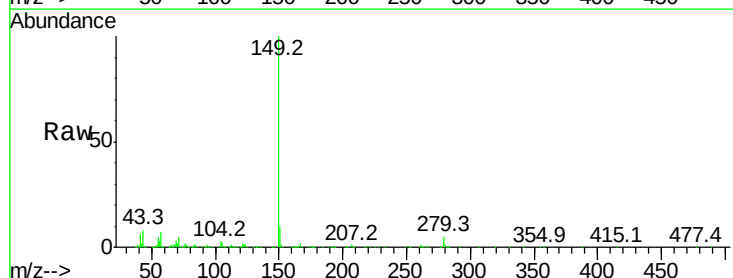
Delta R.T. 0.00 min

Lab File: BG035734.D

Acq: 19 Jul 2018 2:03

Tgt Ion:149 Resp: 854855

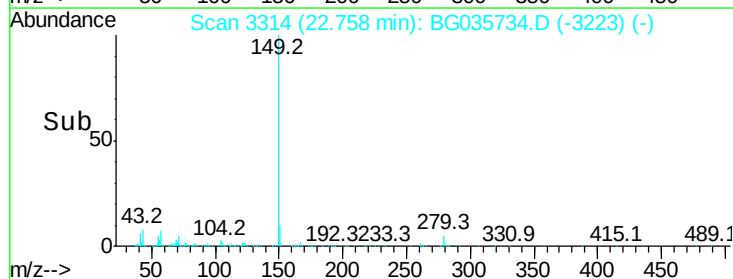
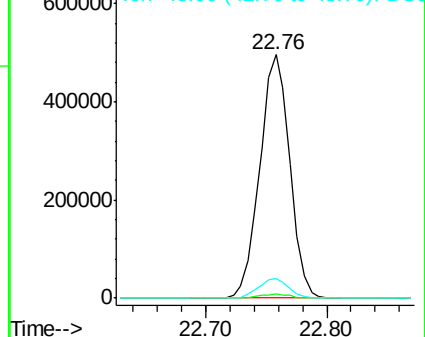
Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	8.0	8.9	13.3#

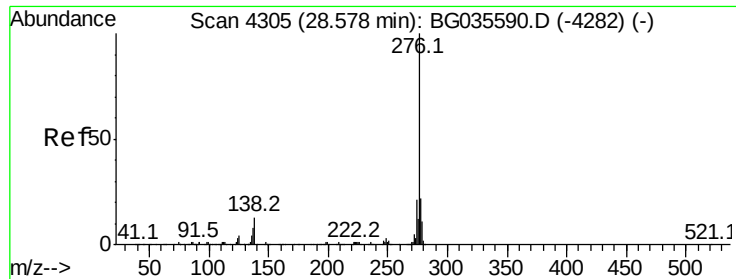


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG0

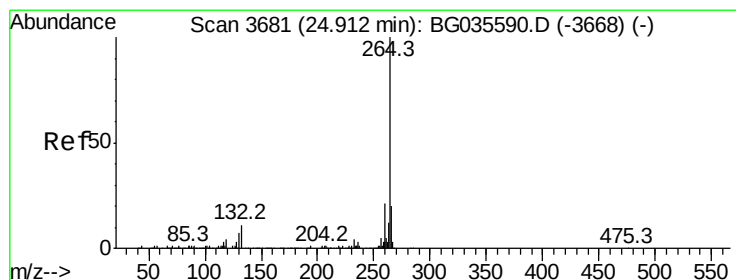
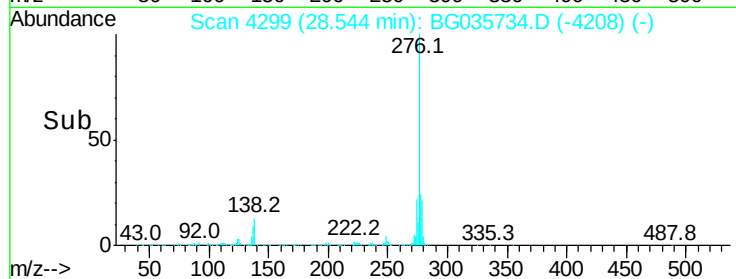
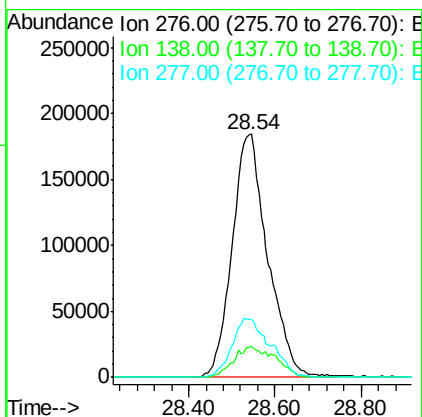
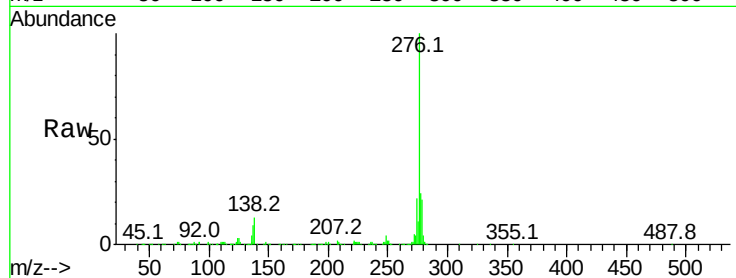




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 50.113 ng
 RT: 28.54 min Scan# 4299
 Delta R.T. 0.00 min
 Lab File: BG035734.D
 Acq: 19 Jul 2018 2:03

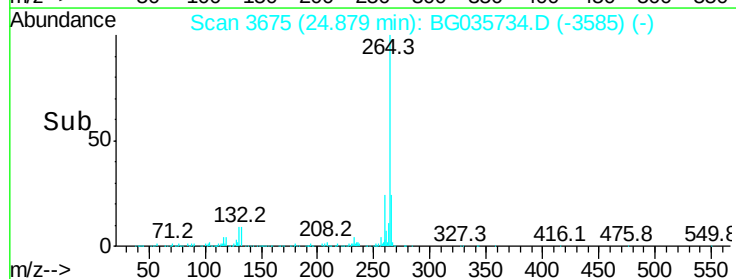
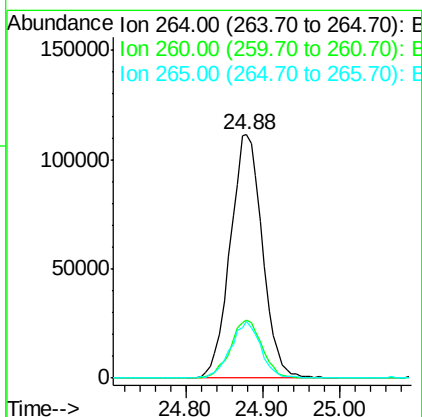
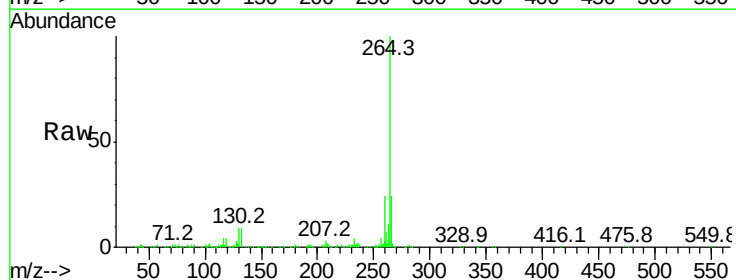
Instrument :
 BNA_G
 ClientSampleId :

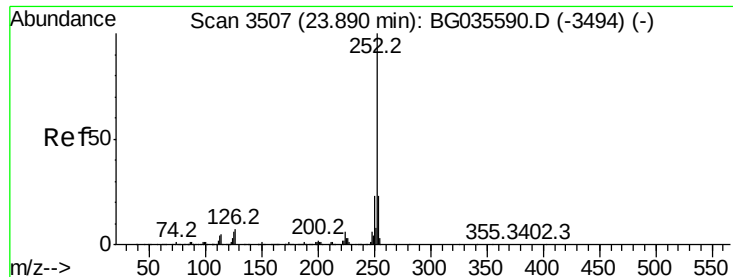
Tot Ion	Ratio	Lower	Upper
276	100		
138	14.9	16.0	24.0#
277	26.1	20.0	30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.88 min Scan# 3675
 Delta R.T. -0.00 min
 Lab File: BG035734.D
 Acq: 19 Jul 2018 2:03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	17.4	26.0
265	23.6	17.7	26.5

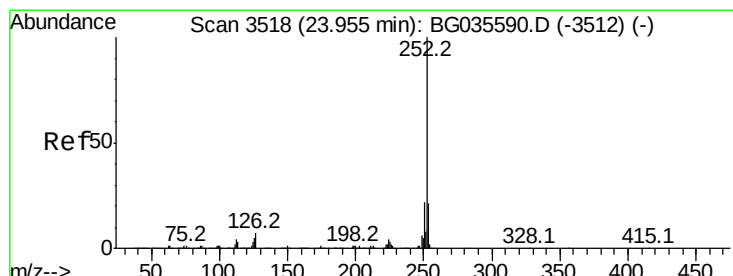
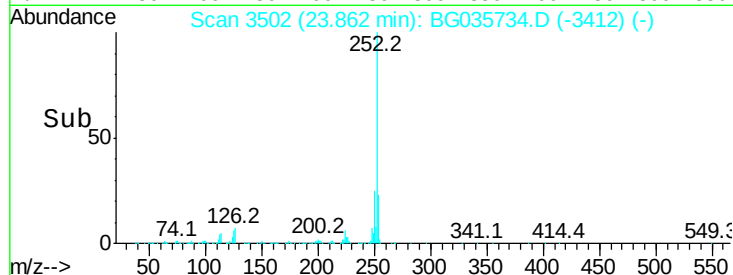
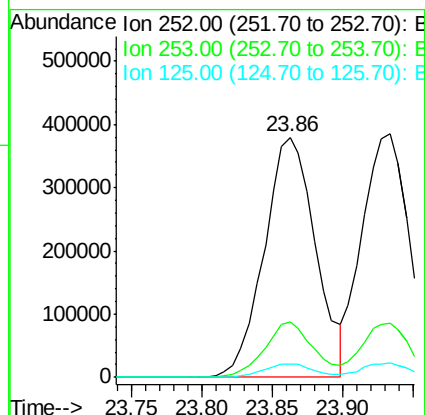
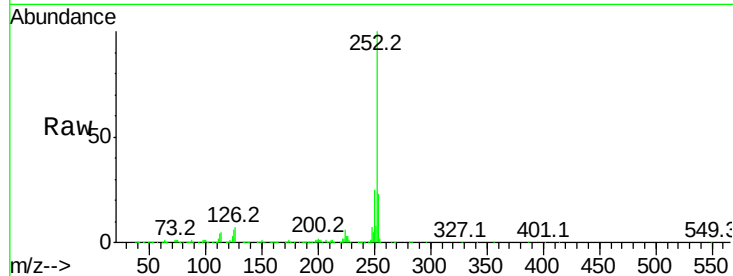




#87
Benzo(b)fluoranthene
Concen: 49.060 ng
RT: 23.86 min Scan# 3502
Delta R.T. -0.00 min
Lab File: BG035734.D
Acq: 19 Jul 2018 2:03

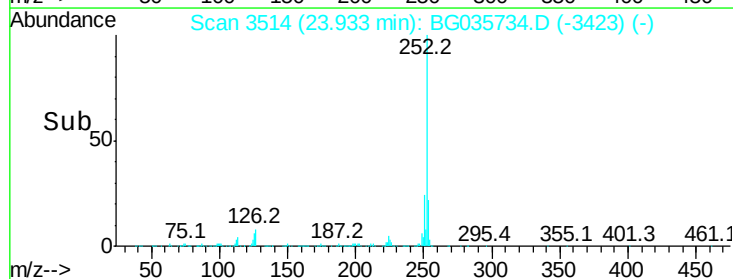
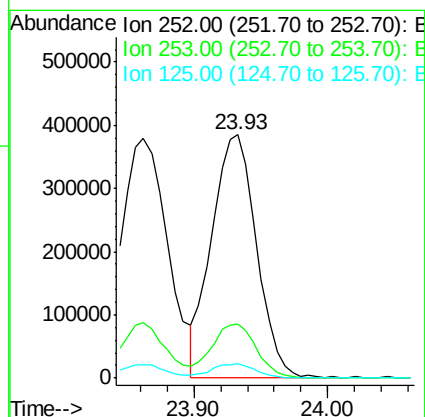
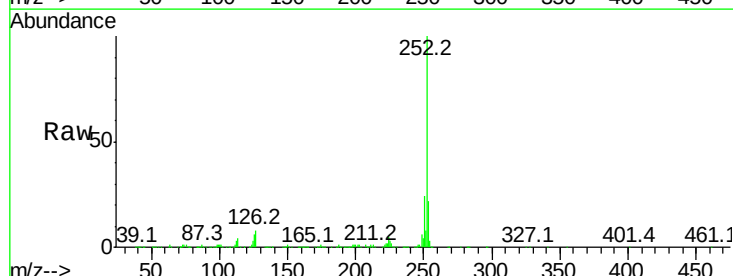
Instrument :
BNA_G
ClientSampleId :

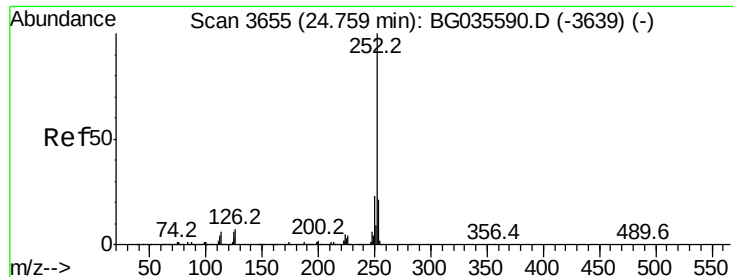
Tot Ion:252 Resp: 965854
Ion Ratio Lower Upper
252 100
253 23.0 18.2 27.4
125 5.5 7.2 10.8#



#88
Benzo(k)fluoranthene
Concen: 46.511 ng
RT: 23.93 min Scan# 3514
Delta R.T. 0.00 min
Lab File: BG035734.D
Acq: 19 Jul 2018 2:03

Tgt Ion:252 Resp: 895199
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.2
125 6.0 6.6 9.8#





#89

Benzo(a)pyrene

Concen: 49.694 ng

RT: 24.73 min Scan# 3650

Delta R.T. -0.00 min

Lab File: BG035734.D

Acq: 19 Jul 2018 2:03

Instrument :

BNA_G

ClientSampleId :

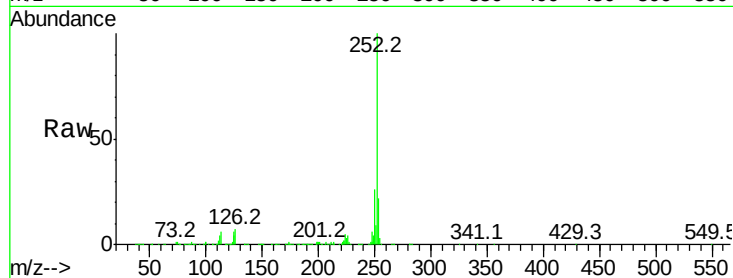
Tot Ion:252 Resp: 910167

Ion Ratio Lower Upper

252 100

253 22.3 18.3 27.5

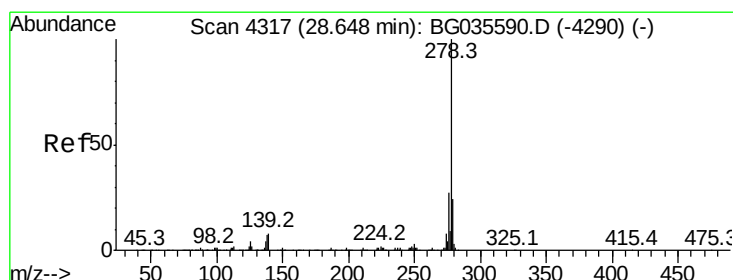
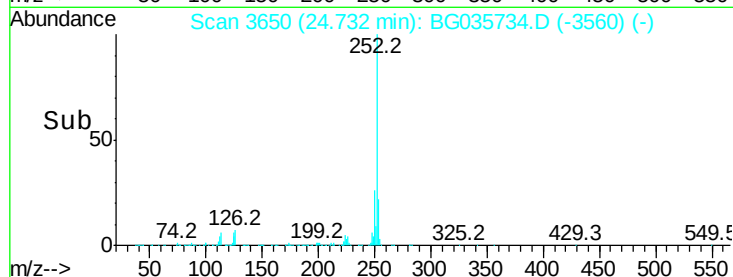
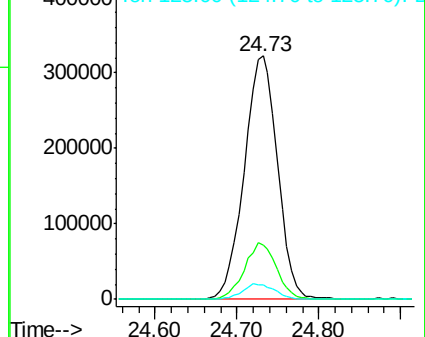
125 6.1 7.3 10.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 48.740 ng

RT: 28.60 min Scan# 4309

Delta R.T. -0.00 min

Lab File: BG035734.D

Acq: 19 Jul 2018 2:03

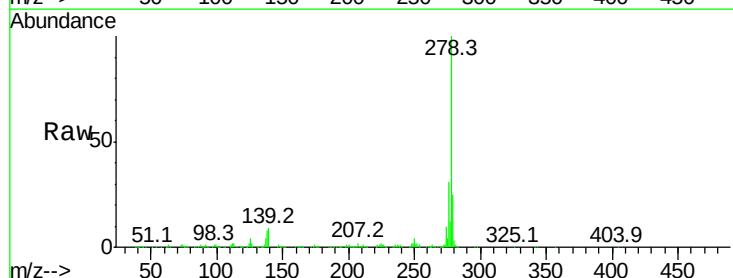
Tgt Ion:278 Resp: 876402

Ion Ratio Lower Upper

278 100

139 8.8 9.8 14.6#

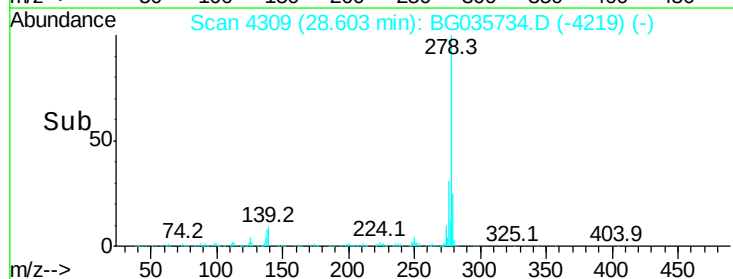
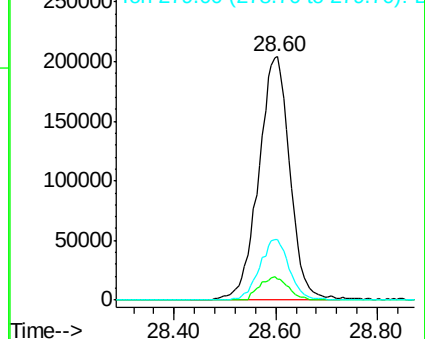
279 24.9 18.4 27.6

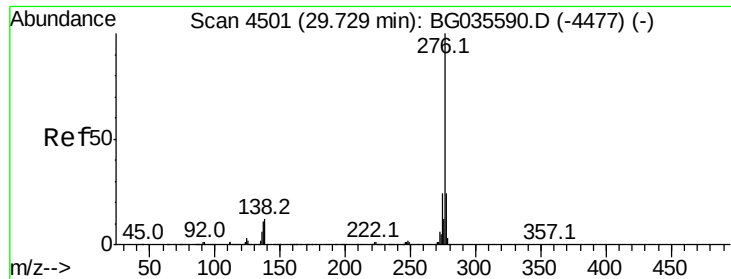


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 50.329 ng

RT: 29.68 min Scan# 4493

Delta R.T. -0.00 min

Lab File: BG035734.D

Acq: 19 Jul 2018 2:03

Instrument :

BNA_G

ClientSampleId :

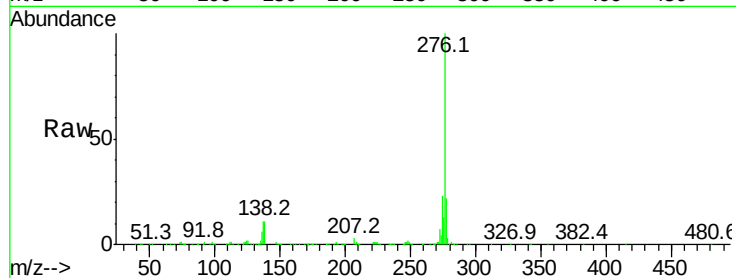
Tot Ion:276 Resp: 885561

Ion Ratio Lower Upper

276 100

277 22.5 18.3 27.5

138 11.3 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

