

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072718\
 Data File : BG035931.D
 Acq On : 27 Jul 2018 10:54
 Operator : JU/SJ
 Sample : PB111401BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 27 13:53:55 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 25 11:04:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	32233	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	127915	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	90545	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	268546	20.00	ng	0.00
75) Chrysene-d12	21.65	240	297117	20.00	ng	0.00
86) Perylene-d12	24.85	264	287361	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	251562	129.57	ng	0.00
7) Phenol-d6	7.20	99	369013	127.39	ng	0.00
23) Nitrobenzene-d5	9.19	82	240086	78.41	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	175508	147.06	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	571979	84.63	ng	0.00
78) Terphenyl-d14	20.00	244	1167741	86.63	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.51	88	26108	26.421	ng	# 81
3) Pyridine	3.91	79	73741	28.586	ng	# 73
4) n-Nitrosodimethylamine	3.82	42	32281	29.144	ng	# 80
6) Aniline	7.35	93	82516	21.978	ng	93
8) 2-Chlorophenol	7.59	128	82258	41.659	ng	99
9) Benzaldehyde	7.17	77	62113	34.947	ng	98
10) Phenol	7.22	94	121963	41.676	ng	95
11) bis(2-Chloroethyl)ether	7.44	93	79187	34.551	ng	88
12) 1,3-Dichlorobenzene	8.06	146	91238	38.263	ng	97
13) 1,4-Dichlorobenzene	8.06	146	91238	37.659	ng	98
14) 1,2-Dichlorobenzene	8.38	146	85484	36.728	ng	89
15) Benzyl Alcohol	8.27	79	90437	34.381	ng	89
16) 2,2'-oxybis(1-Chloropropan	8.55	45	89665	46.666	ng	73
17) 2-Methylphenol	8.47	107	80511	40.464	ng	91
18) Hexachloroethane	9.11	117	33192	35.831	ng	86
19) n-Nitroso-di-n-propylamine	8.82	70	75783	31.068	ng	# 81
20) 3+4-Methylphenols	8.80	107	110959	40.198	ng	94
22) Acetophenone	8.85	105	137458	34.556	ng	# 92
24) Nitrobenzene	9.23	77	114507	37.184	ng	# 90
25) Isophorone	9.75	82	214205	37.685	ng	99
26) 2-Nitrophenol	9.94	139	48051	43.935	ng	# 94
27) 2,4-Dimethylphenol	10.00	122	84082	45.418	ng	92
28) bis(2-Chloroethoxy)methane	10.23	93	116256	37.117	ng	99
29) 2,4-Dichlorophenol	10.48	162	93634	44.308	ng	98
30) 1,2,4-Trichlorobenzene	10.69	180	102710	39.636	ng	97
31) Naphthalene	10.87	128	248752	37.332	ng	98
32) Benzoic acid	10.16	122	30684	24.621	ng	93
33) 4-Chloroaniline	11.00	127	30056	10.349	ng	# 89
34) Hexachlorobutadiene	11.16	225	78558	38.877	ng	99
35) Caprolactam	11.76	113	33314	36.735	ng	# 64
36) 4-Chloro-3-methylphenol	12.11	107	115470	40.764	ng	99
37) 2-Methylnaphthalene	12.48	142	201506	40.592	ng	91
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	136401	39.913	ng	99
40) Hexachlorocyclopentadiene	12.82	237	170360	95.052	ng	92

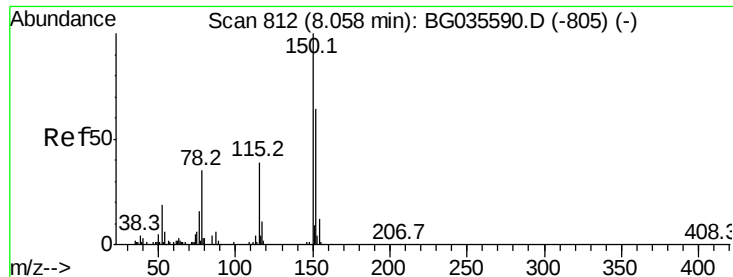
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072718\
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 25 11:04:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	87943	44.003	nq	97
43) 2,4,5-Trichlorophenol	13.16	196	96925	43.352	nq	98
45) 1,1'-Biphenyl	13.48	154	277805	39.574	nq	96
46) 2-Chloronaphthalene	13.53	162	217110	39.761	nq	98
47) 2-Nitroaniline	13.73	65	75092	38.899	nq	97
48) Acenaphthylene	14.37	152	377233	41.242	nq	96
49) Dimethylphthalate	14.10	163	315012	39.709	nq	# 98
50) 2,6-Dinitrotoluene	14.22	165	74477	46.102	nq	# 85
51) Acenaphthene	14.71	154	216639	38.021	nq	99
52) 3-Nitroaniline	14.56	138	33867	20.511	nq	# 90
53) 2,4-Dinitrophenol	14.76	184	69191	83.018	nq	# 69
54) Dibenzofuran	15.04	168	375034	41.387	nq	94
55) 4-Nitrophenol	14.87	139	101353	86.194	nq	# 85
56) 2,4-Dinitrotoluene	15.01	165	110998	47.893	nq	88
57) Fluorene	15.70	166	313453	41.271	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.27	232	100166	46.727	nq	# 94
59) Diethylphthalate	15.46	149	318422	39.035	nq	98
60) 4-Chlorophenyl-phenylether	15.69	204	175208	39.249	nq	96
61) 4-Nitroaniline	15.72	138	74515	43.143	nq	86
62) Azobenzene	15.98	77	318111	39.535	nq	94
64) 4,6-Dinitro-2-methylphenol	15.77	198	63052	42.178	nq	84
65) n-Nitrosodiphenylamine	15.90	169	283799	37.128	nq	98
66) 4-Bromophenyl-phenylether	16.58	248	125569	40.303	nq	97
67) Hexachlorobenzene	16.70	284	127168	39.635	nq	93
68) Atrazine	16.85	200	133824	42.522	nq	93
69) Pentachlorophenol	17.05	266	124553	63.734	nq	99
70) Phenanthrene	17.44	178	538349	40.175	nq	98
71) Anthracene	17.52	178	545258	40.866	nq	97
72) Carbazole	17.79	167	502363	39.646	nq	97
73) Di-n-butylphthalate	18.35	149	582061	38.871	nq	98
74) Fluoranthene	19.44	202	741688	41.092	nq	98
76) Benzidine	19.62	184	266741	34.148	nq	98
77) Pyrene	19.80	202	730233	38.869	nq	98
79) Butylbenzylphthalate	20.68	149	268069	39.901	nq	# 97
80) Benzo(a)anthracene	21.64	228	734961	39.694	nq	99
81) 3,3'-Dichlorobenzidine	21.55	252	153021	23.702	nq	# 92
82) Chrysene	21.70	228	686979	40.039	nq	96
83) Bis(2-ethylhexyl)phthalate	21.54	149	376849	41.260	nq	99
84) Di-n-octyl phthalate	22.73	149	641590	41.953	nq	# 92
85) Indeno(1,2,3-cd)pyrene	28.49	276	784877	41.318	nq	# 86
87) Benzo(b)fluoranthene	23.84	252	717208	41.064	nq	# 98
88) Benzo(k)fluoranthene	23.90	252	667302	39.080	nq	# 97
89) Benzo(a)pyrene	24.70	252	683961	42.093	nq	# 97
90) Dibenzo(a,h)anthracene	28.56	278	668950	41.935	nq	# 95
91) Benzo(g,h,i)perylene	29.63	276	651960	41.766	nq	# 93

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

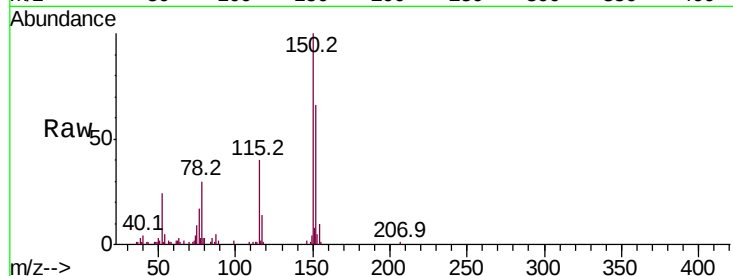


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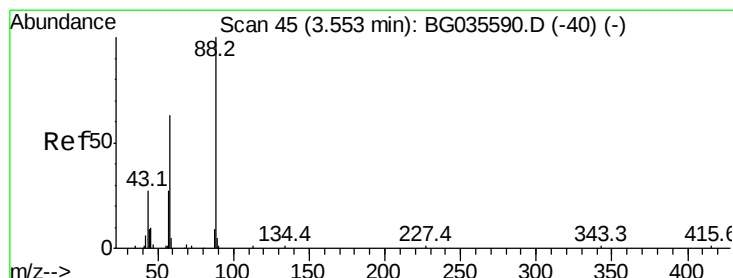
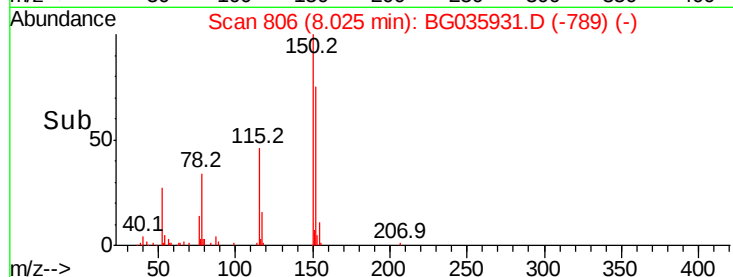
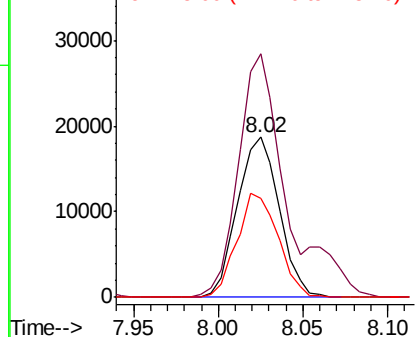
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 806
Delta R.T. 0.00 min
Lab File: BG035931.D
Acq: 27 Jul 2018 10:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 32233
Ion Ratio Lower Upper
152 100
150 151.8 126.6 189.8
115 61.5 53.0 79.4



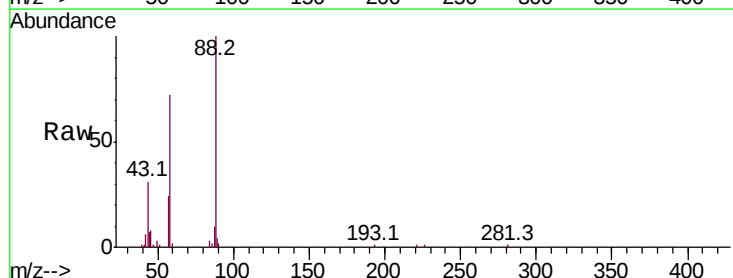
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



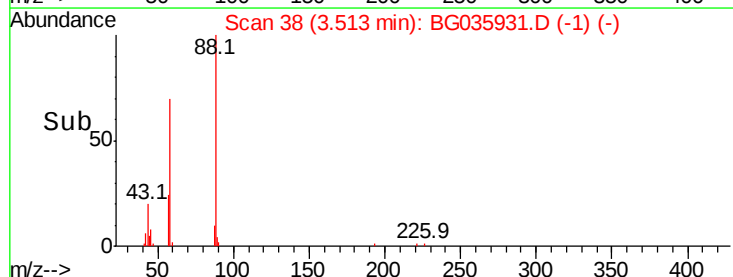
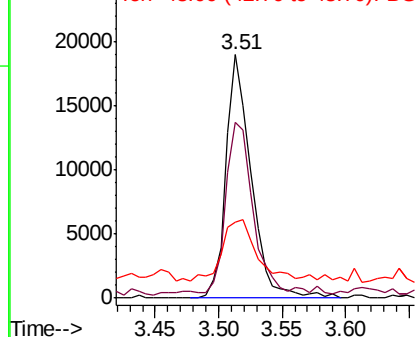
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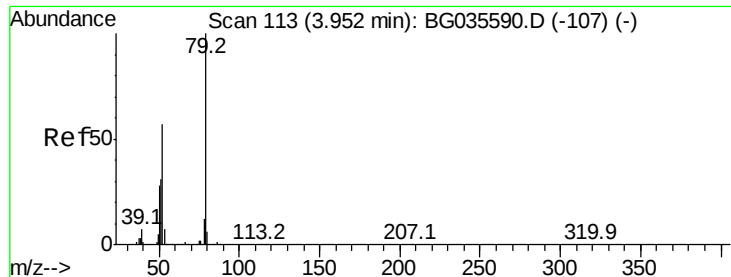
1,4-Dioxane
Concen: 26.421 ng
RT: 3.51 min Scan# 38
Delta R.T. -0.01 min
Lab File: BG035931.D
Acq: 27 Jul 2018 10:54

Tgt Ion: 88 Resp: 26108
Ion Ratio Lower Upper
88 100
58 73.9 79.6 119.4#
43 34.3 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: 28.586 ng

RT: 3.91 min Scan# 105

Delta R.T. -0.01 min

Lab File: BG035931.D

Acq: 27 Jul 2018 10:54

Instrument :

BNA_G

ClientSampleId :

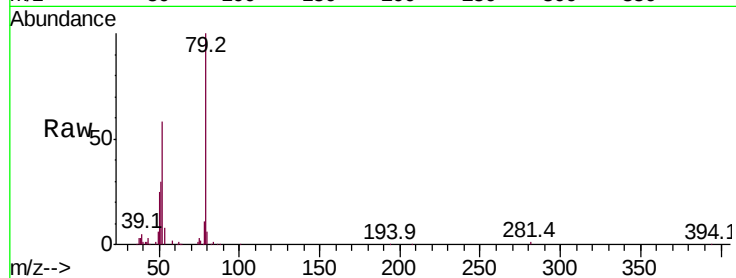
Tot Ion: 79 Resp: 73741

Ion Ratio Lower Upper

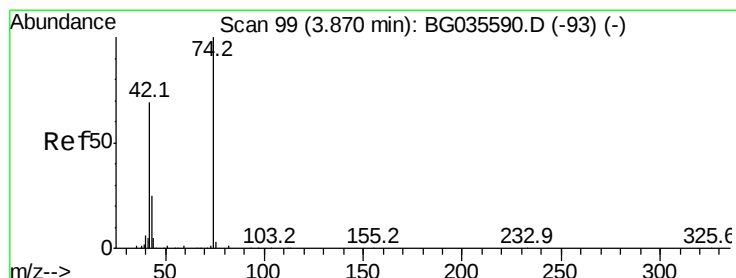
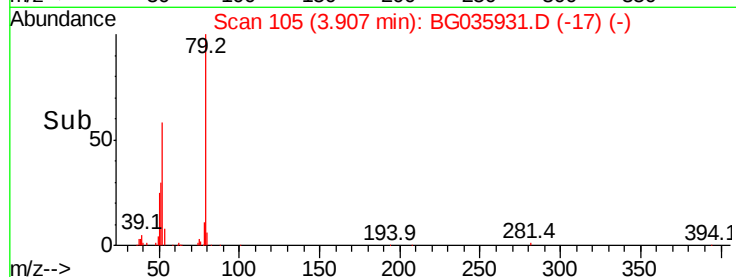
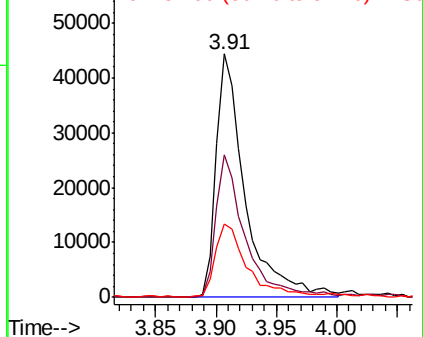
79 100

52 58.3 69.9 104.9#

51 30.3 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: 29.144 ng

RT: 3.82 min Scan# 91

Delta R.T. -0.01 min

Lab File: BG035931.D

Acq: 27 Jul 2018 10:54

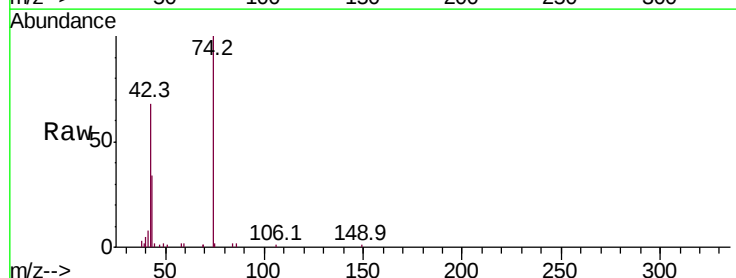
Tgt Ion: 42 Resp: 32281

Ion Ratio Lower Upper

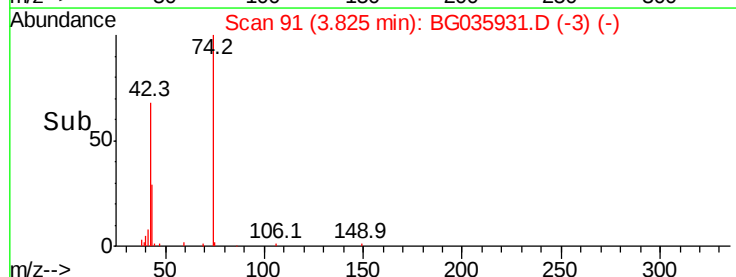
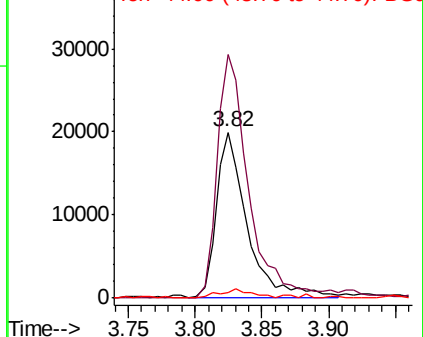
42 100

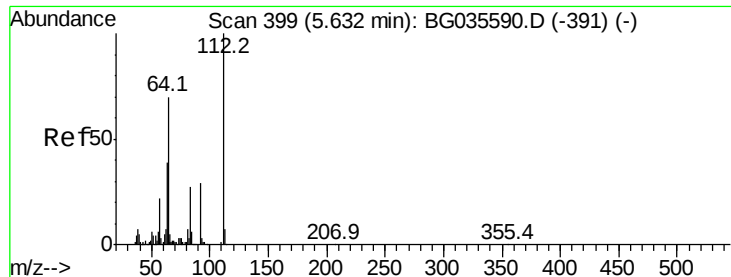
74 146.6 102.5 153.7

44 3.5 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: 129.573 ng

RT: 5.60 min Scan# 394

Delta R.T. 0.00 min

Lab File: BG035931.D

Acq: 27 Jul 2018 10:54

Instrument :

BNA_G

ClientSampleId :

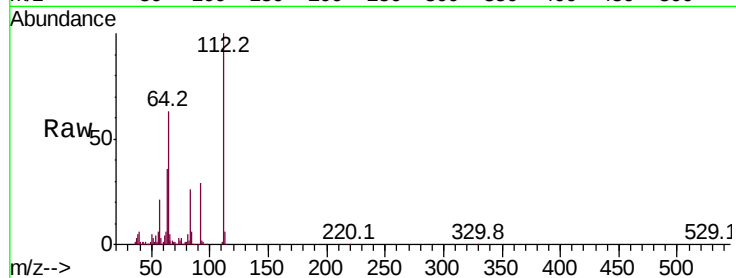
Tot Ion:112 Resp: 251562

Ion Ratio Lower Upper

112 100

64 63.3 56.3 84.5

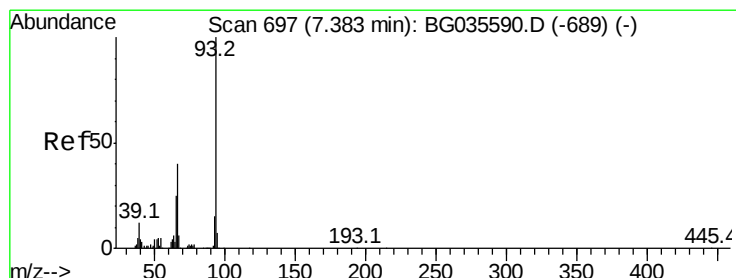
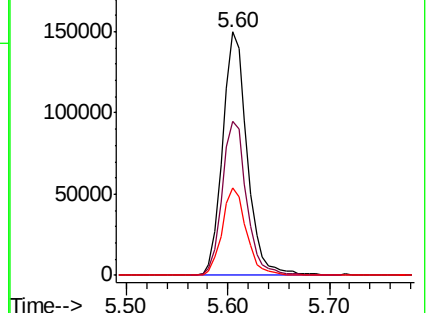
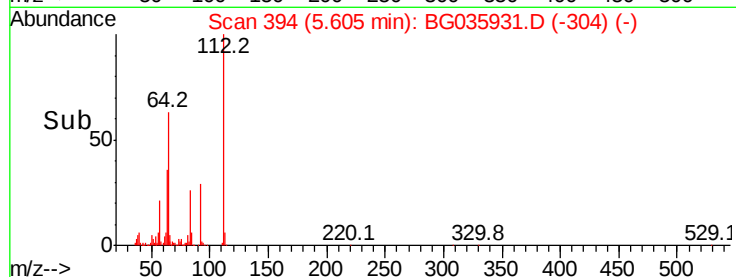
63 36.1 30.1 45.1



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: 21.978 ng

RT: 7.35 min Scan# 691

Delta R.T. -0.01 min

Lab File: BG035931.D

Acq: 27 Jul 2018 10:54

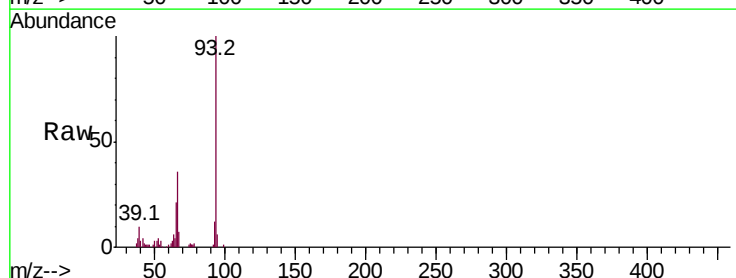
Tgt Ion: 93 Resp: 82516

Ion Ratio Lower Upper

93 100

66 35.7 33.7 50.5

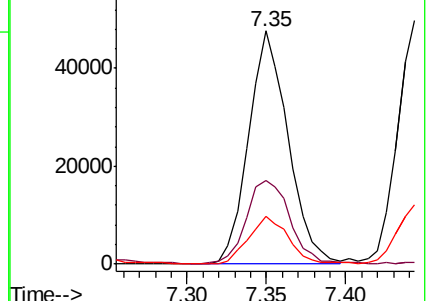
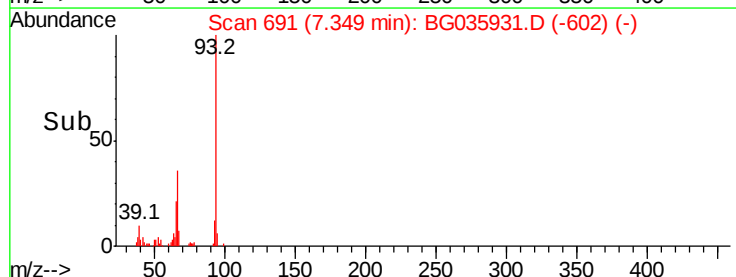
65 20.8 16.1 24.1

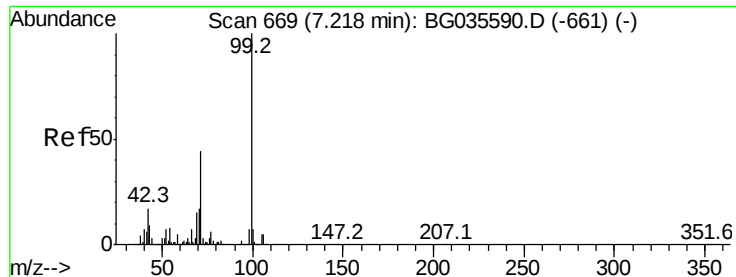


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 127.393 ng

RT: 7.20 min Scan# 665

Delta R.T. 0.00 min

Lab File: BG035931.D

Acq: 27 Jul 2018 10:54

Instrument :

BNA_G

ClientSampled :

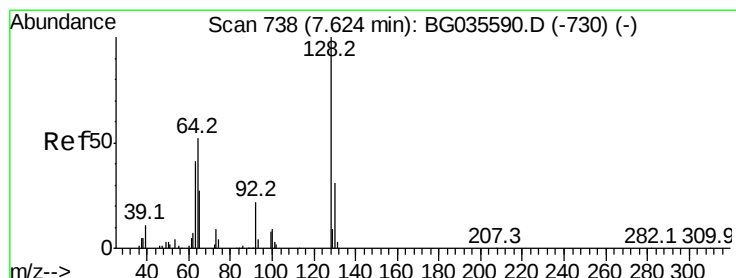
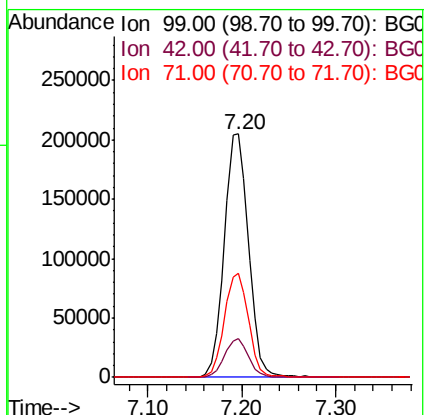
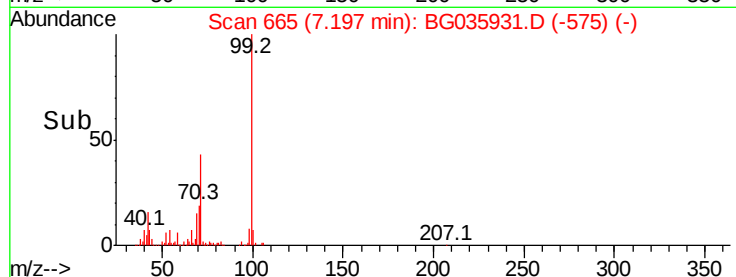
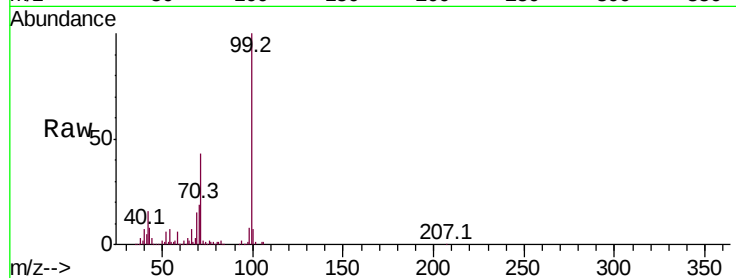
Tot Ion: 99 Resp: 369013

Ion Ratio Lower Upper

99 100

42 16.2 14.1 21.1

71 42.6 26.1 39.1#



#8

2-Chlorophenol

Concen: 41.659 ng

RT: 7.59 min Scan# 732

Delta R.T. -0.01 min

Lab File: BG035931.D

Acq: 27 Jul 2018 10:54

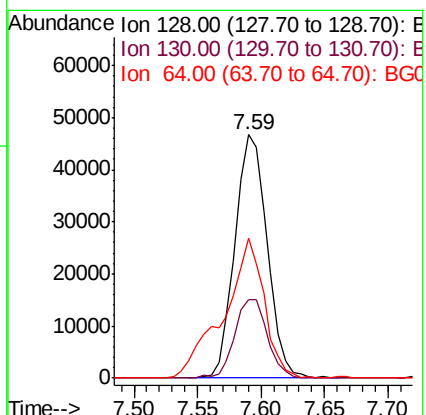
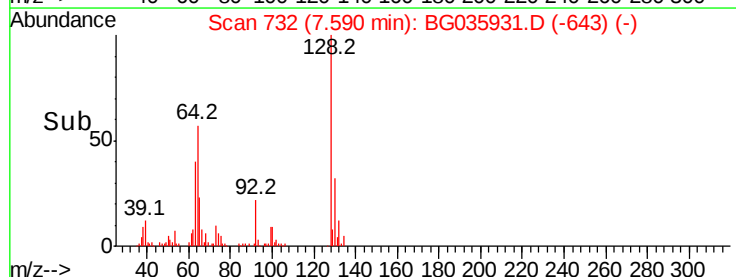
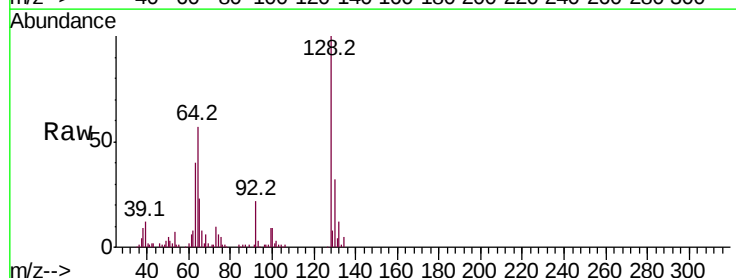
Tgt Ion:128 Resp: 82258

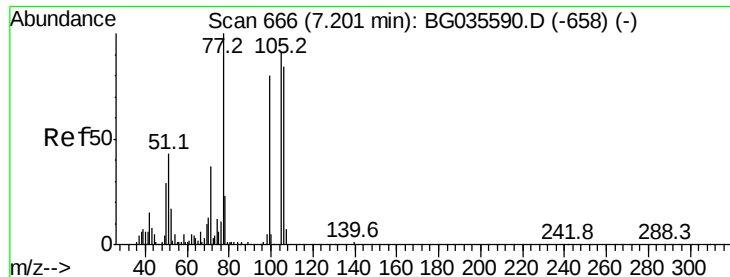
Ion Ratio Lower Upper

128 100

130 32.3 14.0 54.0

64 57.3 37.7 77.7





#9

Benzaldehyde

Concen: 34.947 ng

RT: 7.17 min Scan# 660

Delta R.T. 0.00 min

Lab File: BG035931.D

Acq: 27 Jul 2018 10:54

Instrument :

BNA_G

ClientSampleId :

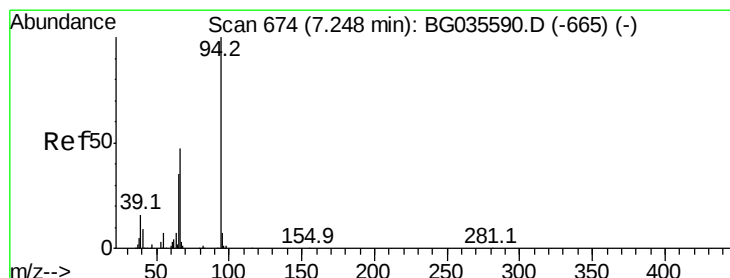
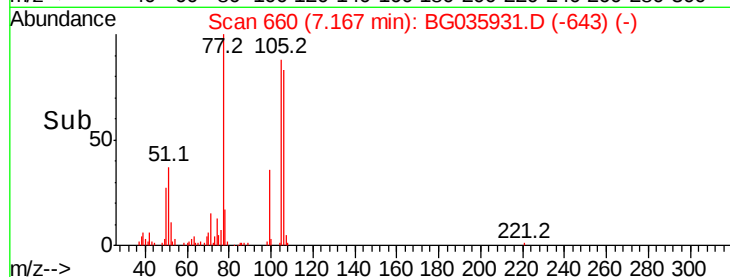
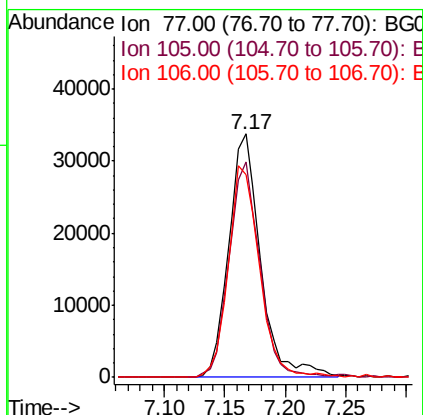
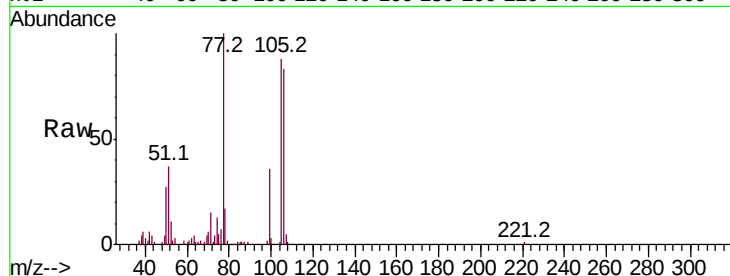
Tot Ion: 77 Resp: 62113

Ion Ratio Lower Upper

77 100

105 88.3 71.3 111.3

106 83.0 64.2 104.2



#10

Phenol

Concen: 41.676 ng

RT: 7.22 min Scan# 669

Delta R.T. 0.00 min

Lab File: BG035931.D

Acq: 27 Jul 2018 10:54

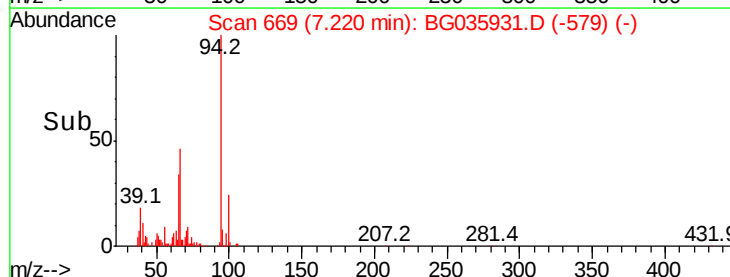
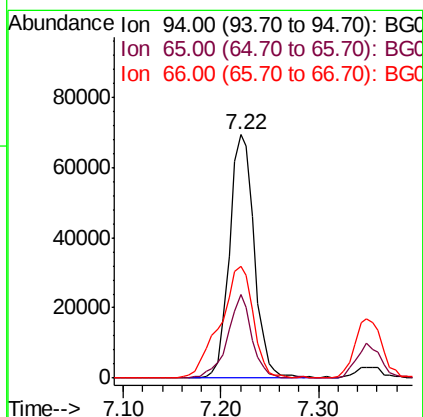
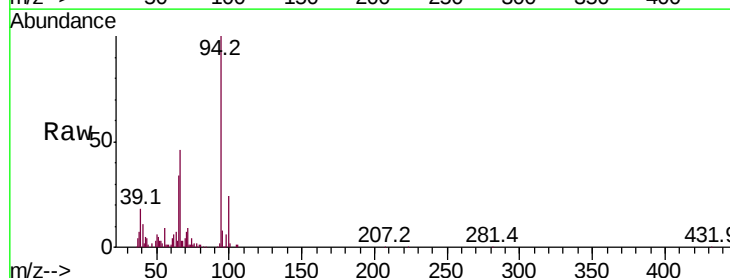
Tgt Ion: 94 Resp: 121963

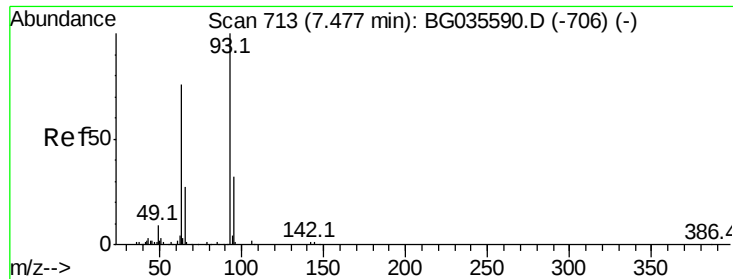
Ion Ratio Lower Upper

94 100

65 34.3 11.9 51.9

66 45.9 22.2 62.2





#11

bis(2-Chloroethyl)ether

Concen: 34.551 ng

RT: 7.44 min Scan# 707

Delta R.T. -0.01 min

Lab File: BG035931.D

Acq: 27 Jul 2018 10:54

Instrument :

BNA_G

ClientSampleId :

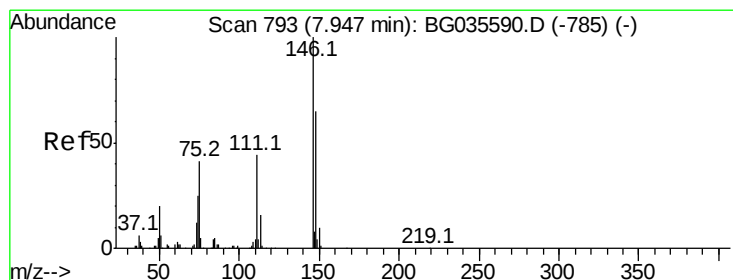
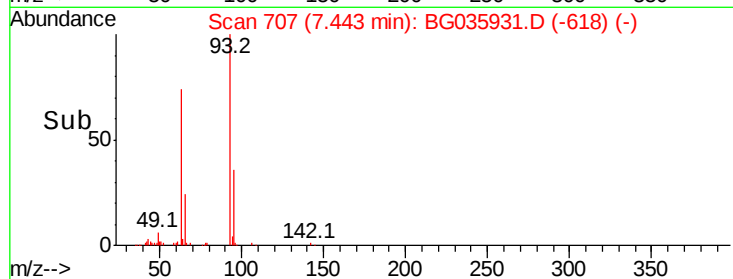
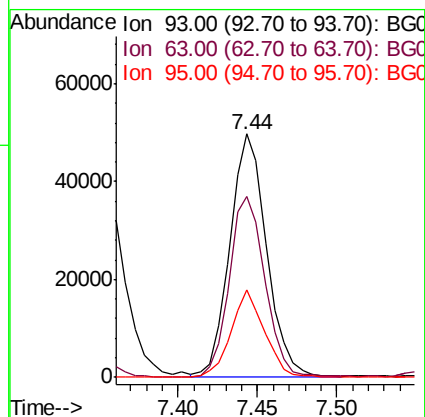
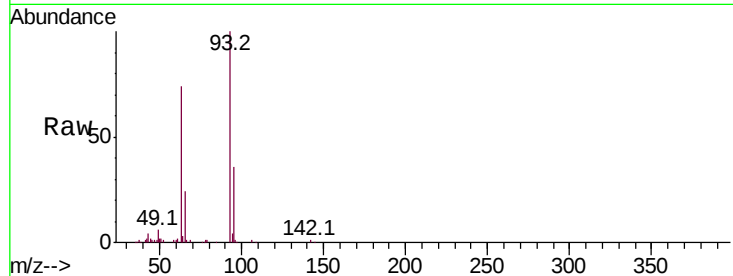
Tot Ion: 93 Resp: 79187

Ion Ratio Lower Upper

93 100

63 74.3 67.1 107.1

95 35.7 11.5 51.5



#12

1,3-Dichlorobenzene

Concen: 38.263 ng

RT: 8.06 min Scan# 812

Delta R.T. 0.14 min

Lab File: BG035931.D

Acq: 27 Jul 2018 10:54

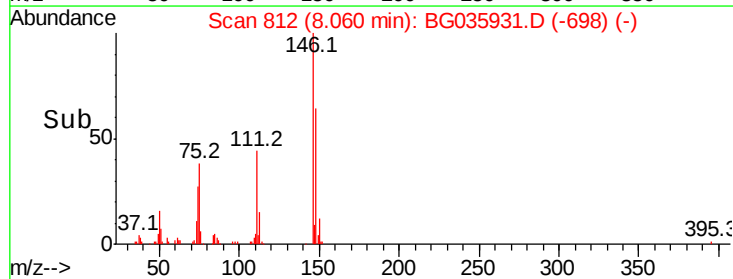
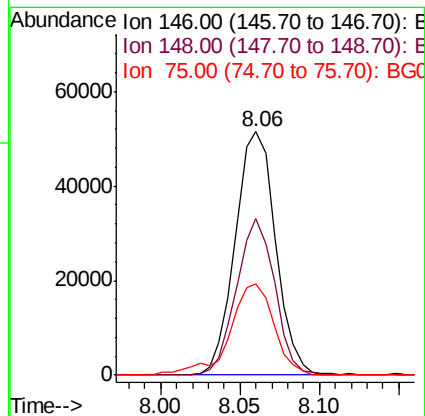
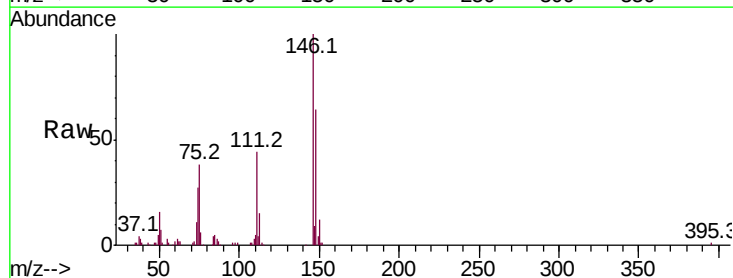
Tgt Ion: 146 Resp: 91238

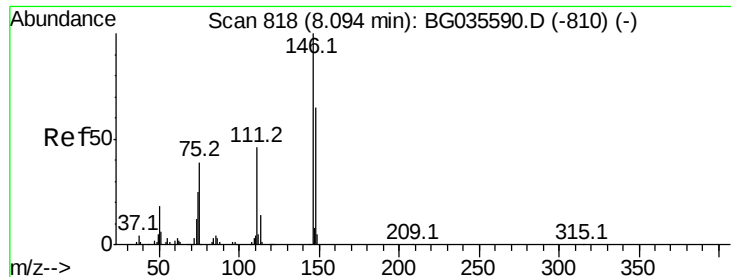
Ion Ratio Lower Upper

146 100

148 64.2 51.4 77.2

75 37.8 26.6 39.8





#13

1,4-Dichlorobenzene

Concen: 37.659 ng

RT: 8.06 min Scan# 812

Delta R.T. -0.01 min

Lab File: BG035931.D

Acq: 27 Jul 2018 10:54

Instrument :

BNA_G

ClientSampleId :

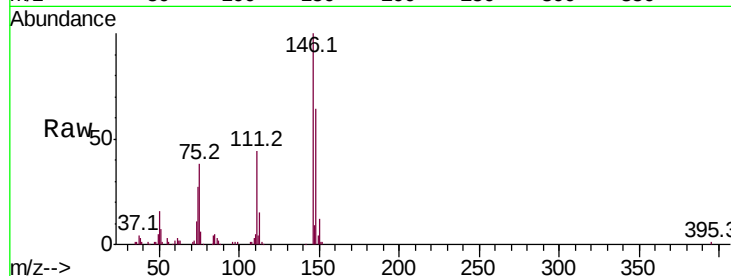
Tot Ion:146 Resp: 91238

Ion Ratio Lower Upper

146 100

148 64.2 53.7 80.5

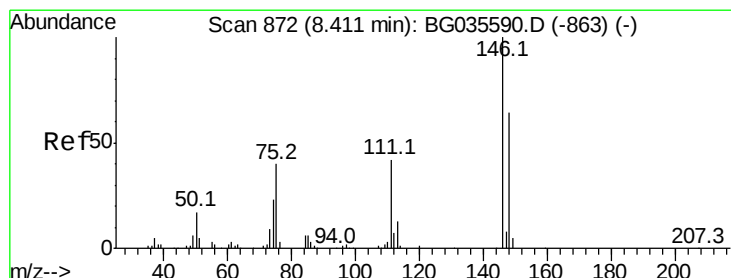
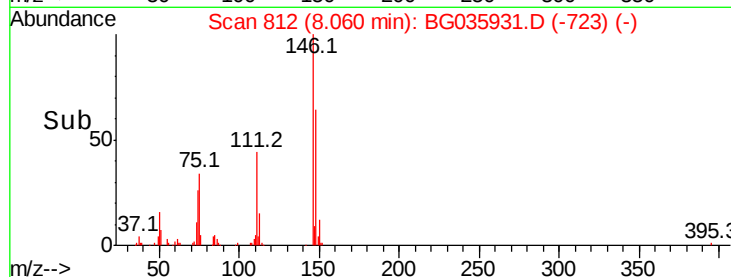
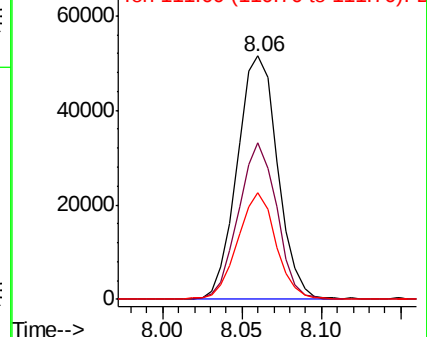
111 44.0 35.2 52.8



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: 36.728 ng

RT: 8.38 min Scan# 866

Delta R.T. -0.01 min

Lab File: BG035931.D

Acq: 27 Jul 2018 10:54

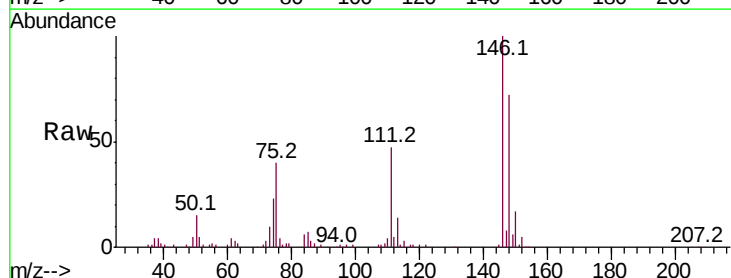
Tgt Ion:146 Resp: 85484

Ion Ratio Lower Upper

146 100

148 72.1 49.3 73.9

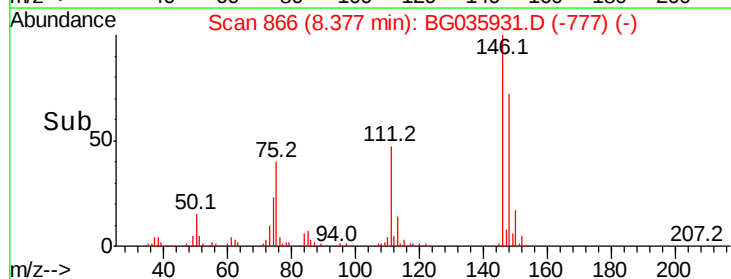
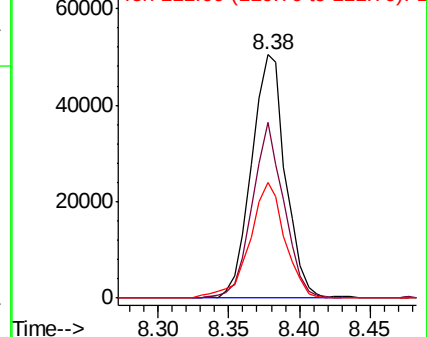
111 47.4 34.3 51.5

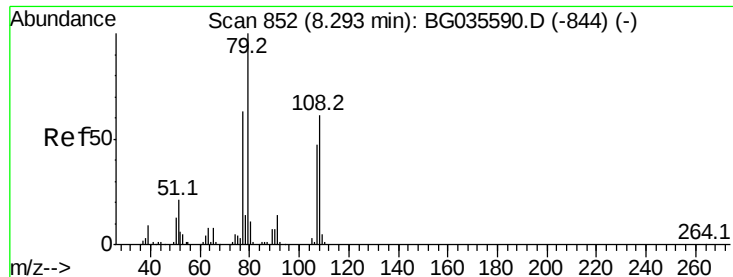


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 34.381 ng

RT: 8.27 min Scan# 847

Delta R.T. 0.00 min

Lab File: BG035931.D

Acq: 27 Jul 2018 10:54

Instrument :

BNA_G

ClientSampled :

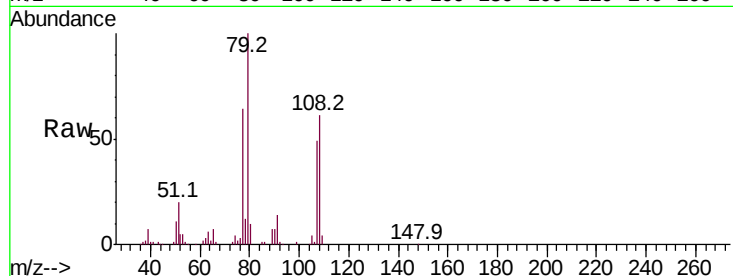
Tot Ion: 79 Resp: 90437

Ion Ratio Lower Upper

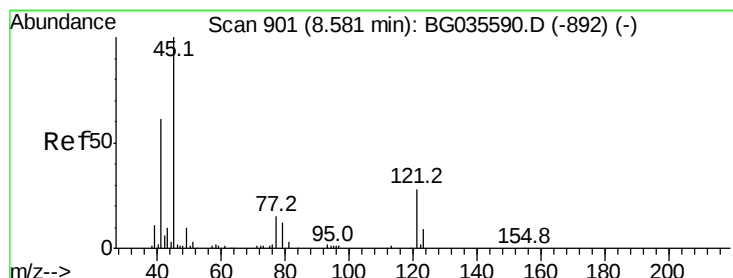
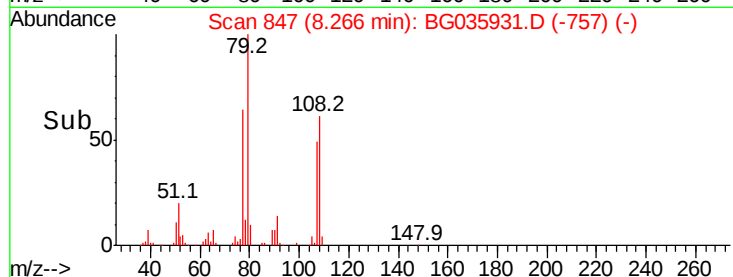
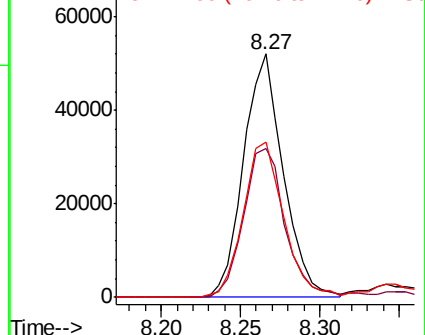
79 100

108 61.1 57.2 85.8

77 64.0 46.1 69.1



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.666 ng

RT: 8.55 min Scan# 896

Delta R.T. 0.00 min

Lab File: BG035931.D

Acq: 27 Jul 2018 10:54

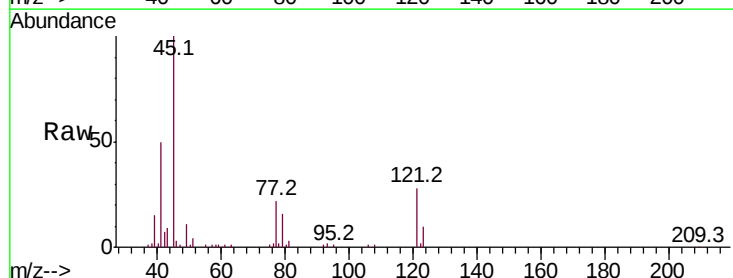
Tgt Ion: 45 Resp: 89665

Ion Ratio Lower Upper

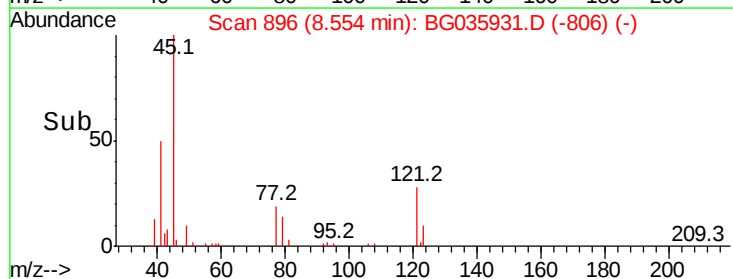
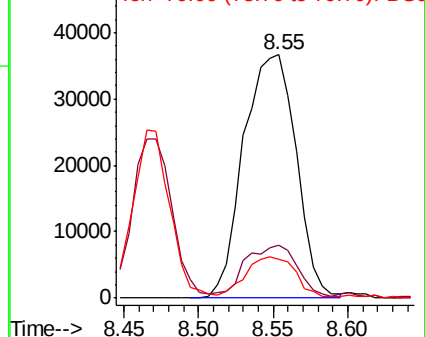
45 100

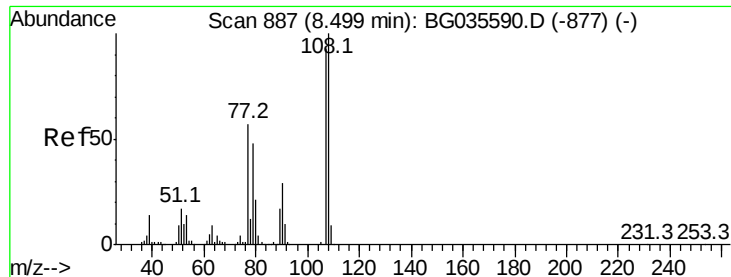
77 21.7 0.0 30.2

79 15.9 0.0 27.9



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 40.464 ng

RT: 8.47 min Scan# 882

Delta R.T. 0.00 min

Lab File: BG035931.D

Acq: 27 Jul 2018 10:54

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 80511

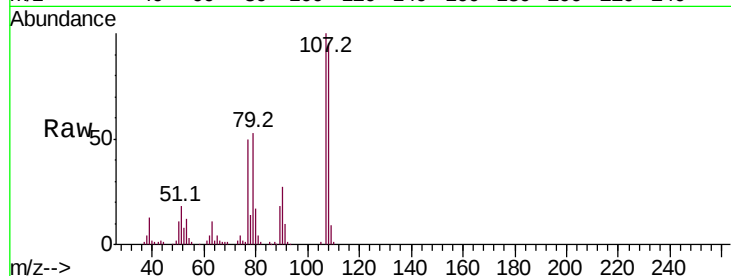
Ion Ratio Lower Upper

107 100

108 95.1 83.9 125.9

77 50.3 37.2 55.8

79 53.0 36.2 54.2

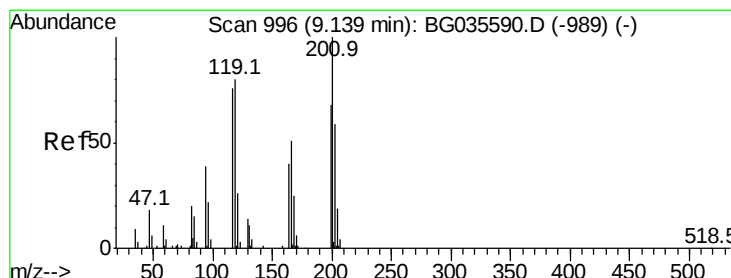
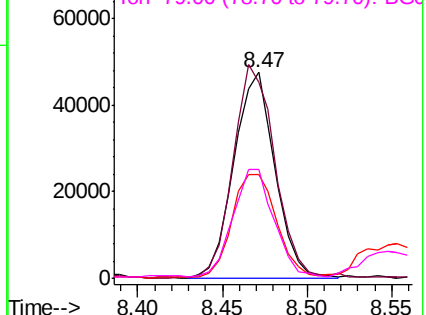
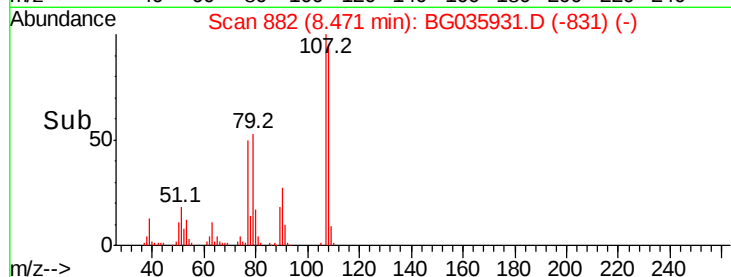


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 35.831 ng

RT: 9.11 min Scan# 990

Delta R.T. 0.00 min

Lab File: BG035931.D

Acq: 27 Jul 2018 10:54

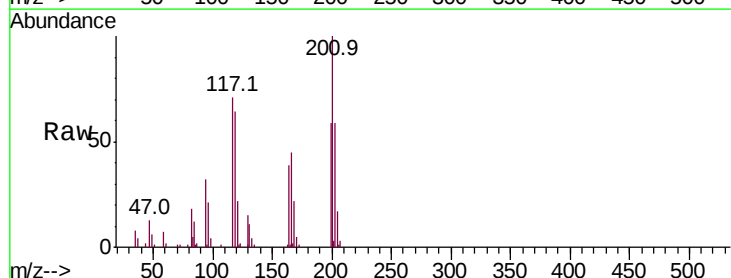
Tgt Ion:117 Resp: 33192

Ion Ratio Lower Upper

117 100

119 90.0 76.7 115.1

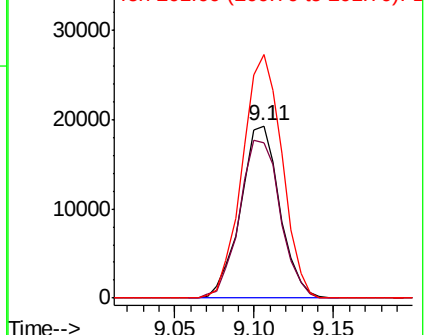
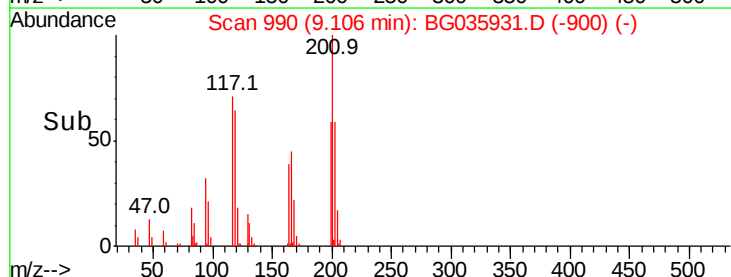
201 141.5 95.7 143.5

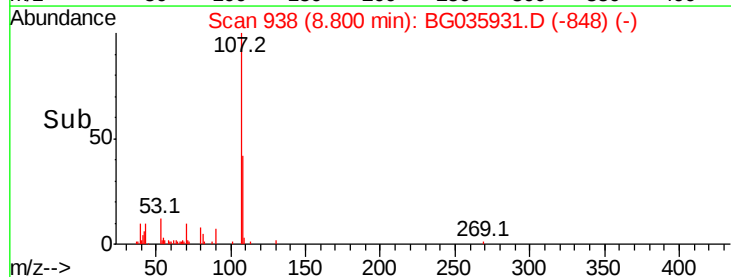
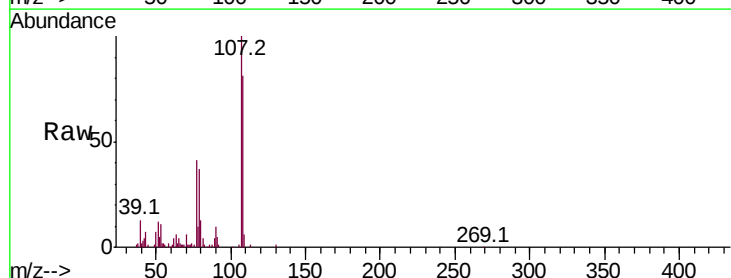
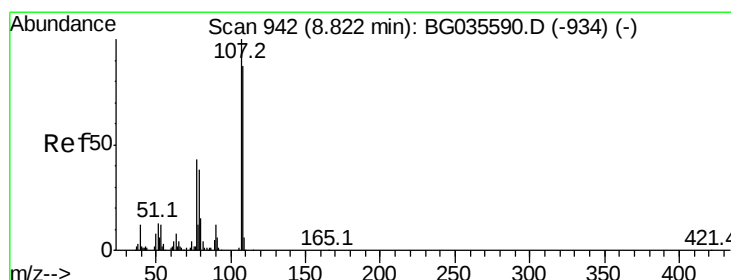
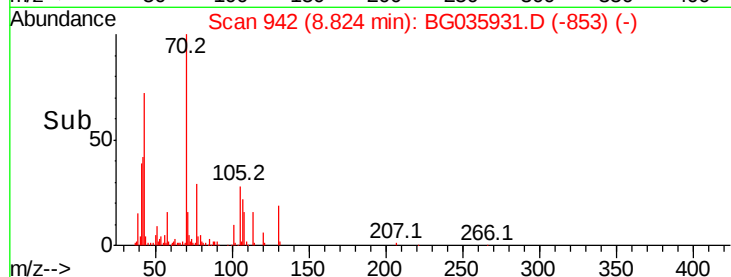
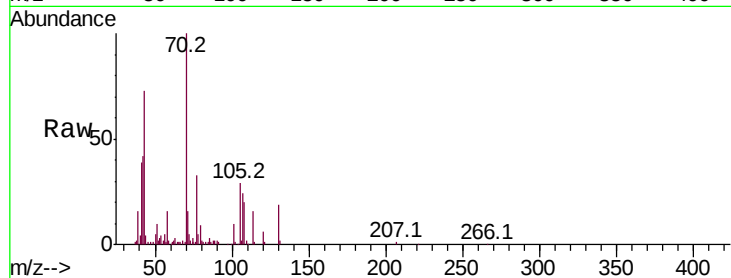
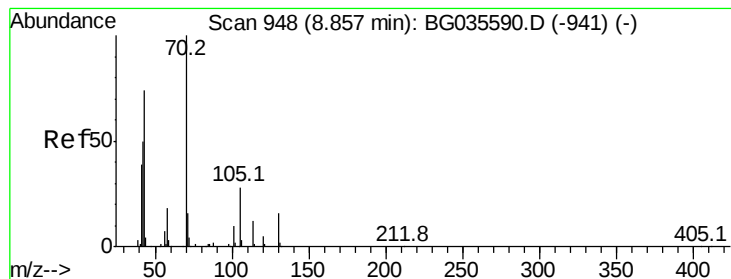


Abundance Ion 117.00 (116.70 to 117.70): E

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: 31.068 ng

RT: 8.82 min Scan# 942

Delta R.T. -0.01 min

Lab File: BG035931.D

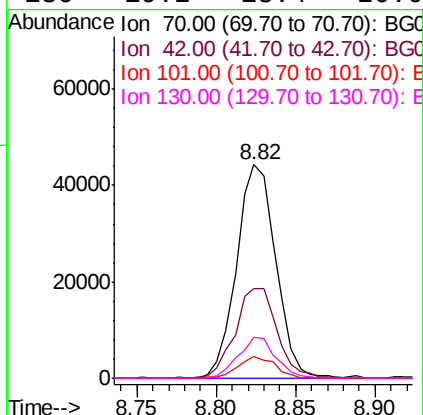
Acq: 27 Jul 2018 10:54

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	70	Resp:	75783
Ion	Ratio	Lower	Upper
70	100		
42	42.2	49.1	73.7#
101	10.0	8.5	12.7
130	19.2	13.4	20.0



#20

3+4-Methylphenols

Concen: 40.198 ng

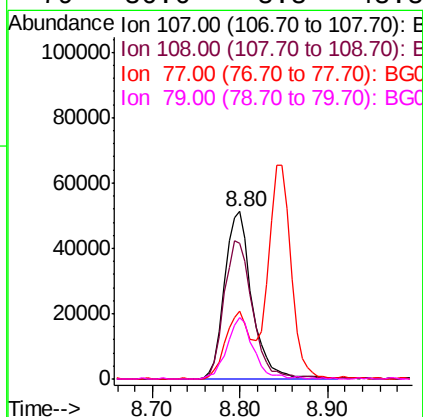
RT: 8.80 min Scan# 938

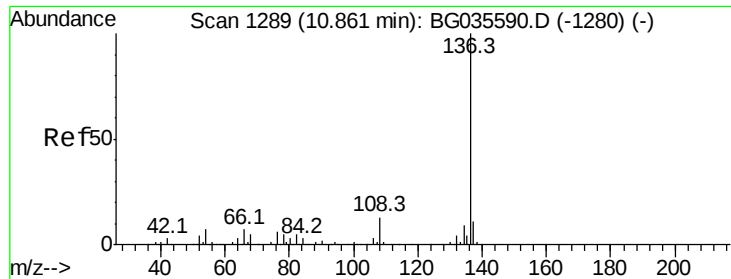
Delta R.T. 0.00 min

Lab File: BG035931.D

Acq: 27 Jul 2018 10:54

Tgt Ion:	107	Resp:	110959
Ion	Ratio	Lower	Upper
107	100		
108	81.1	61.6	101.6
77	40.7	13.9	53.9
79	36.6	8.8	48.8

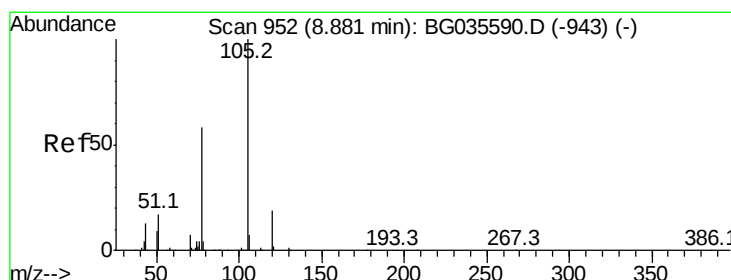
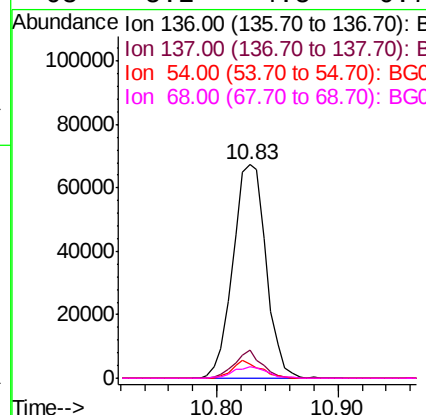
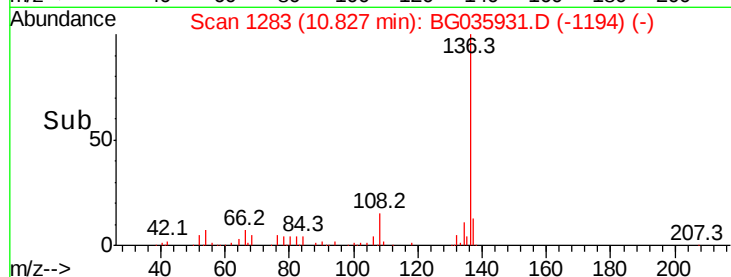
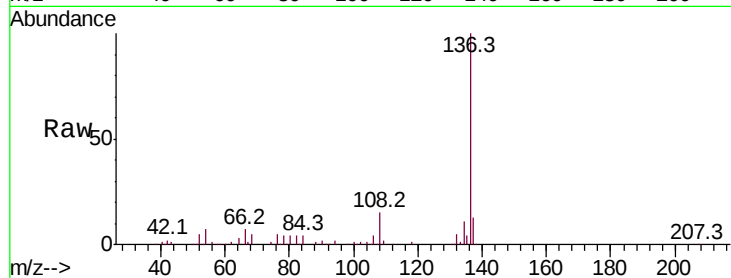




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BG035931.D
Acq: 27 Jul 2018 10:54

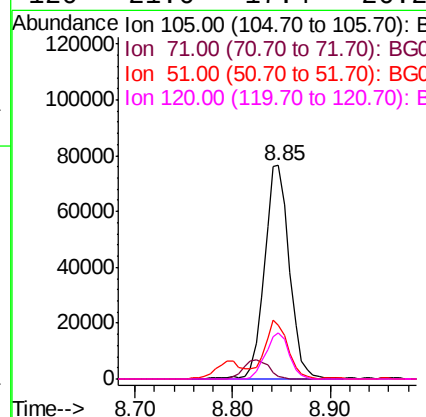
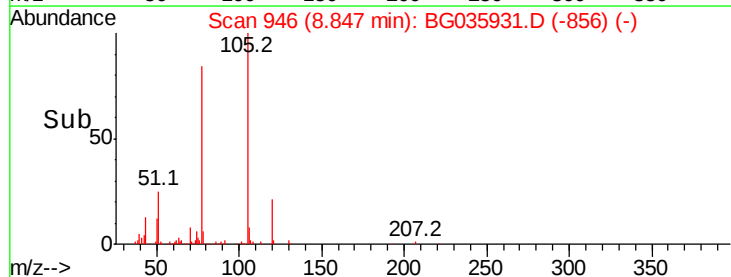
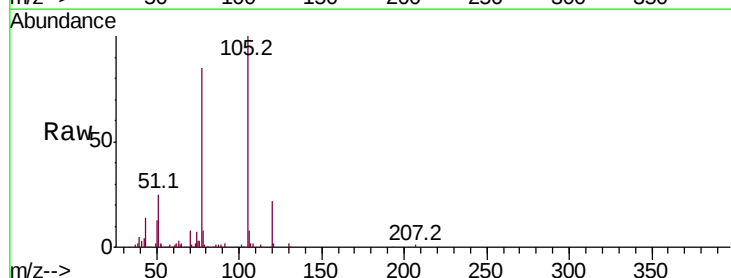
Instrument :
BNA_G
ClientSampleId :

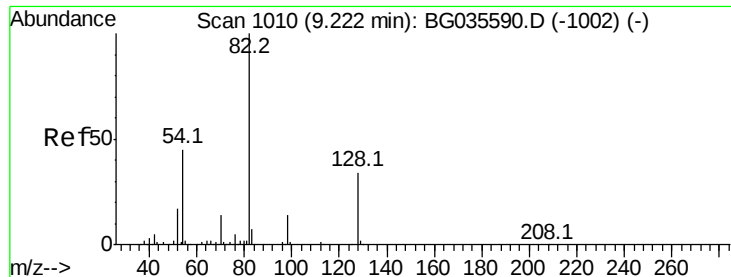
Tot Ion:	136	Resp:	127915
Ion	Ratio	Lower	Upper
136	100		
137	13.5	9.2	13.8
54	6.7	10.3	15.5#
68	5.2	4.5	6.7



#22
Acetophenone
Concen: 34.556 ng
RT: 8.85 min Scan# 946
Delta R.T. 0.00 min
Lab File: BG035931.D
Acq: 27 Jul 2018 10:54

Tgt Ion:	105	Resp:	137458
Ion	Ratio	Lower	Upper
105	100		
71	1.2	3.0	4.4#
51	25.4	26.1	39.1#
120	21.6	17.4	26.2

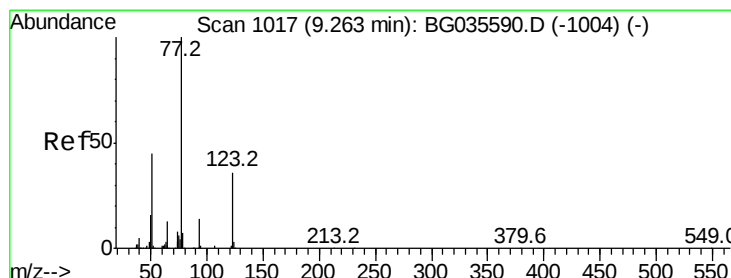
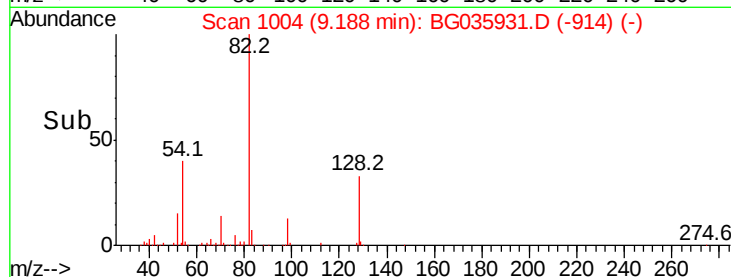
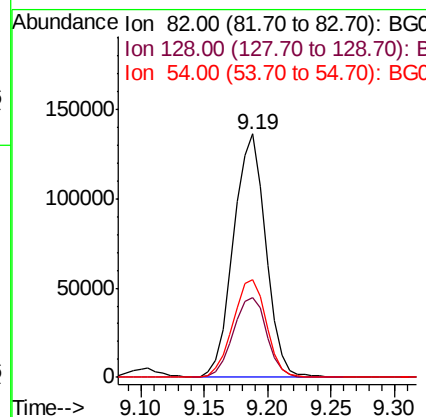
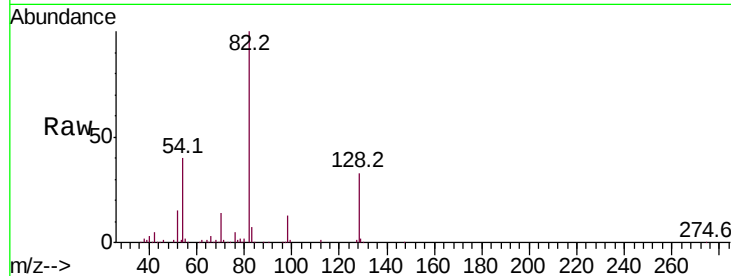




#23
 Nitrobenzene-d5
 Concen: 78.408 ng
 RT: 9.19 min Scan# 1004
 Delta R.T. 0.00 min
 Lab File: BG035931.D
 Acq: 27 Jul 2018 10:54

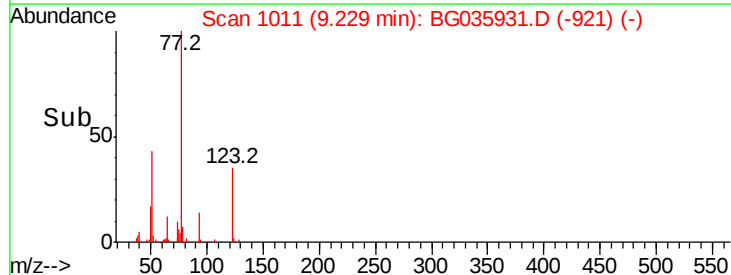
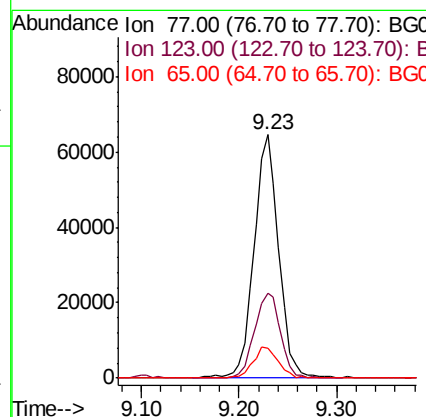
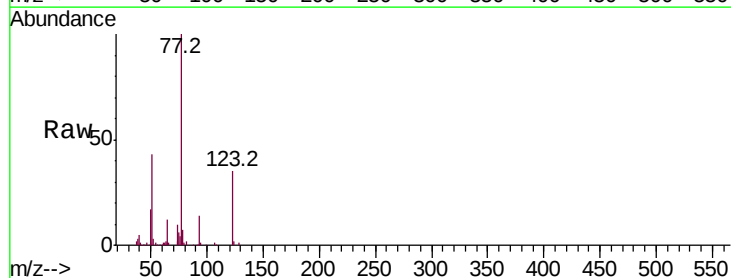
Instrument :
 BNA_G
 ClientSampleId :

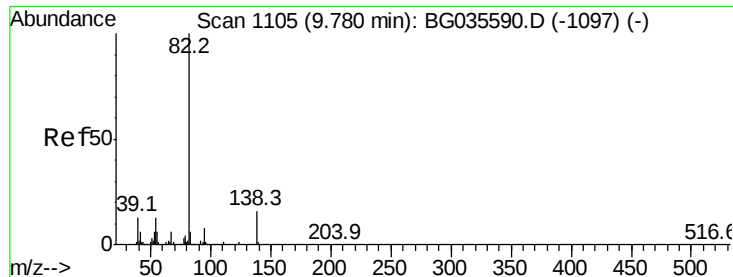
Tot Ion	82	Resp	240086
Ion Ratio	Lower	Upper	
82	100		
128	32.6	29.7	44.5
54	40.1	43.1	64.7#



#24
 Nitrobenzene
 Concen: 37.184 ng
 RT: 9.23 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: BG035931.D
 Acq: 27 Jul 2018 10:54

Tgt Ion	77	Resp	114507
Ion Ratio	Lower	Upper	
77	100		
123	35.1	33.0	49.6
65	12.4	13.0	19.6#

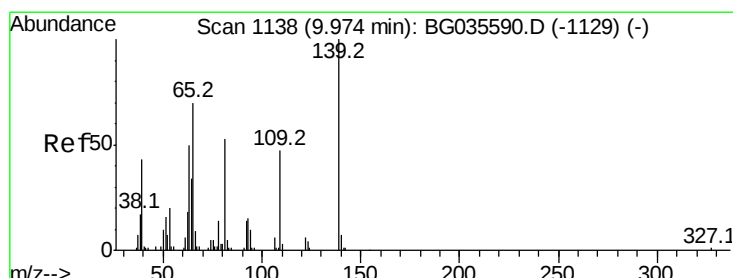
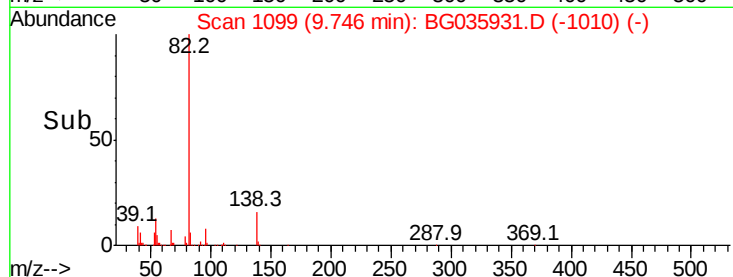
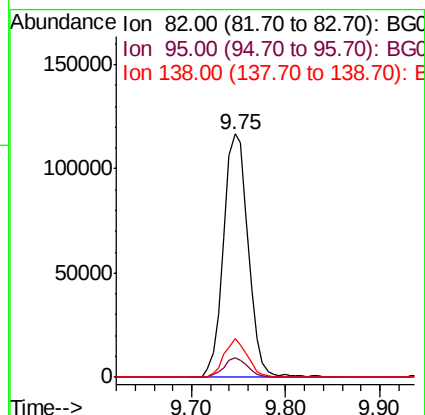
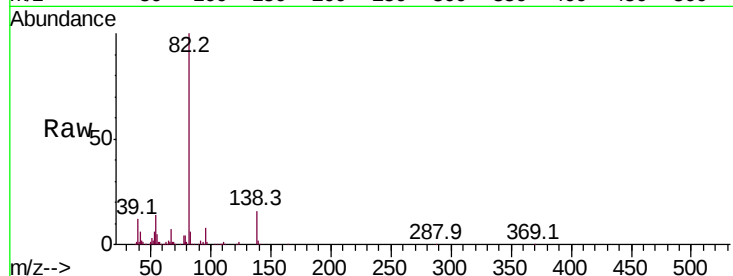




#25
Isophorone
Concen: 37.685 ng
RT: 9.75 min Scan# 1099
Delta R.T. -0.01 min
Lab File: BG035931.D
Acq: 27 Jul 2018 10:54

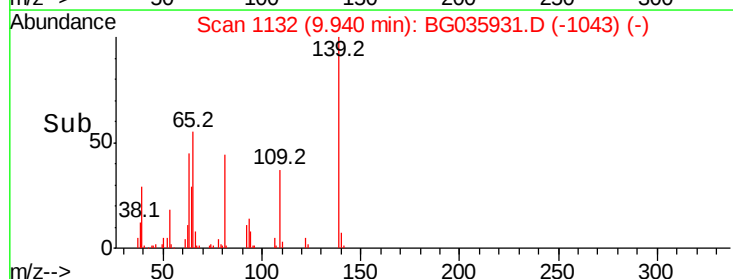
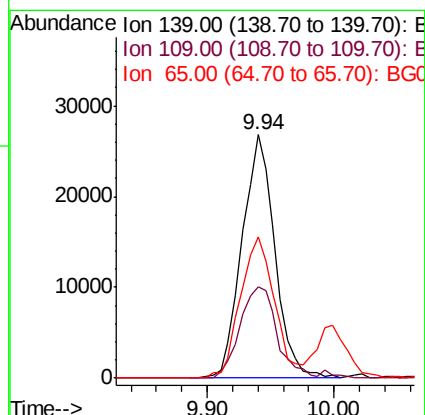
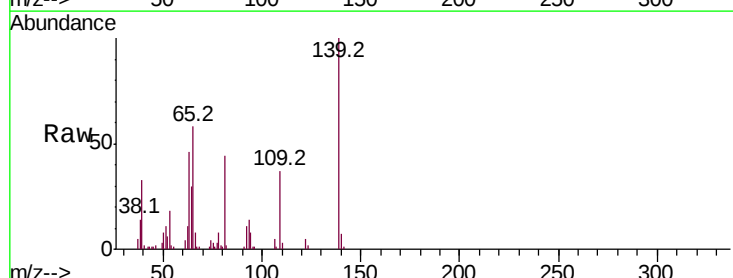
Instrument :
BNA_G
ClientSampleId :

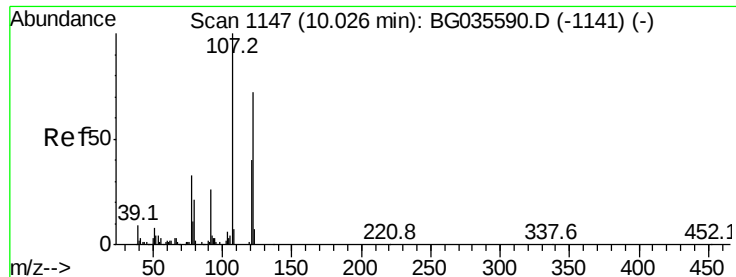
Tot Ion	Ratio	Lower	Upper
82	100		
95	8.0	6.2	9.2
138	15.8	12.1	18.1



#26
2-Nitrophenol
Concen: 43.935 ng
RT: 9.94 min Scan# 1132
Delta R.T. -0.01 min
Lab File: BG035931.D
Acq: 27 Jul 2018 10:54

Tgt Ion	Ratio	Lower	Upper
139	100		
109	37.4	24.2	36.2#
65	57.9	47.4	71.0

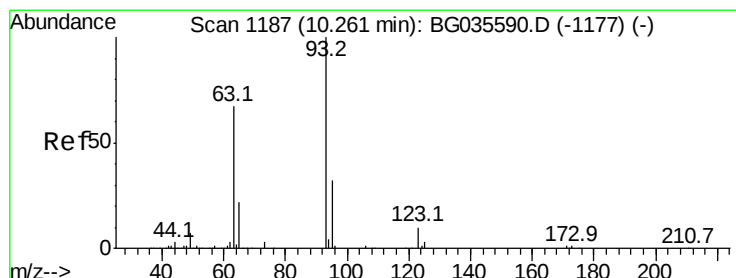
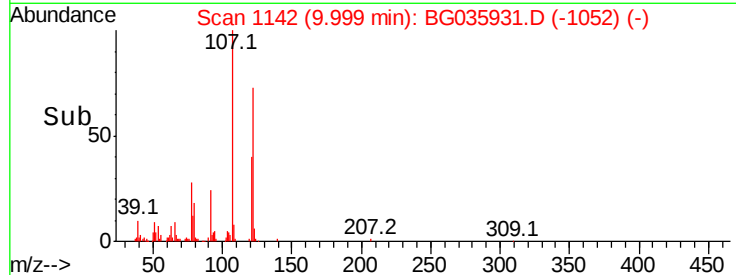
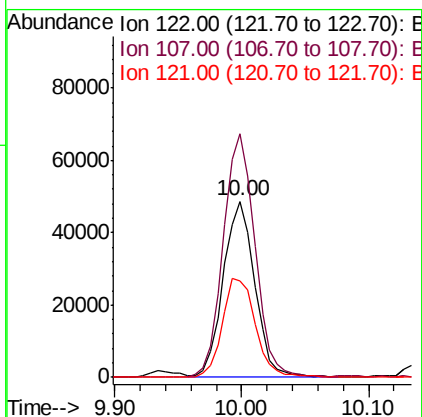
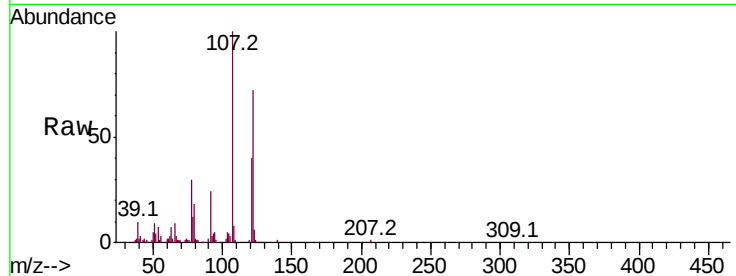




#27
2,4-Dimethylphenol
Concen: 45.418 ng
RT: 10.00 min Scan# 1142
Delta R.T. 0.00 min
Lab File: BG035931.D
Acq: 27 Jul 2018 10:54

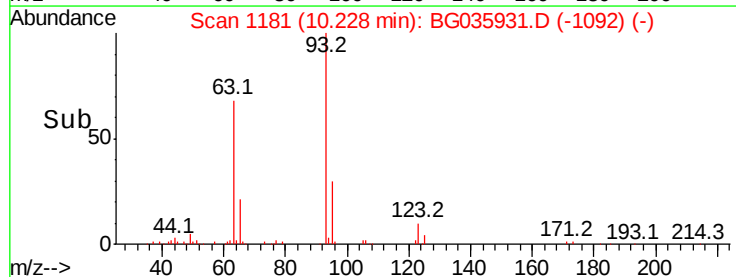
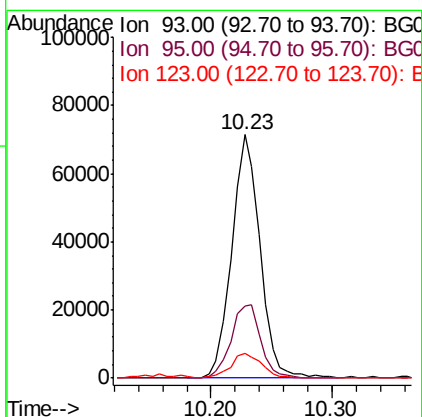
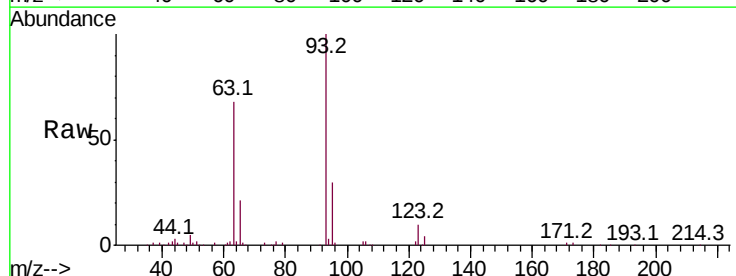
Instrument :
BNA_G
ClientSampleId :

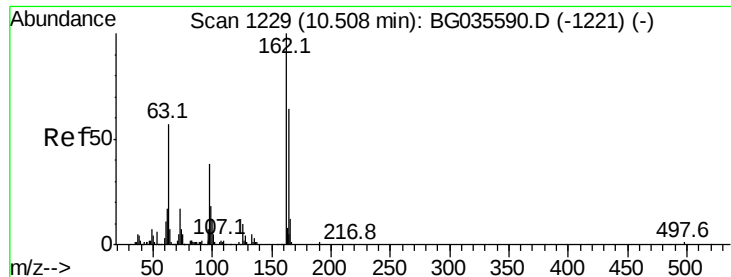
Tot Ion:122 Resp: 84082
Ion Ratio Lower Upper
122 100
107 138.2 100.2 150.2
121 54.8 44.4 66.6



#28
bis(2-Chloroethoxy)methane
Concen: 37.117 ng
RT: 10.23 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BG035931.D
Acq: 27 Jul 2018 10:54

Tgt Ion: 93 Resp: 116256
Ion Ratio Lower Upper
93 100
95 29.6 24.3 36.5
123 10.4 8.4 12.6

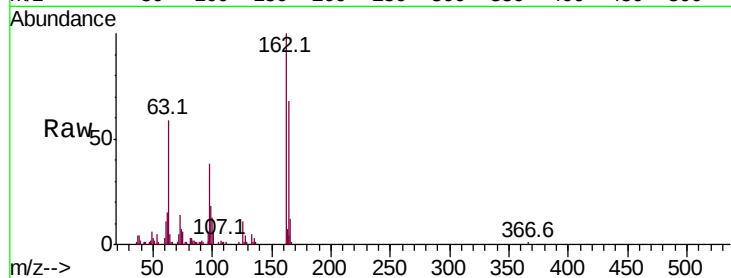




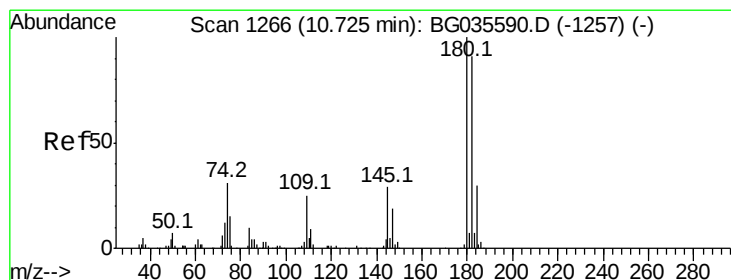
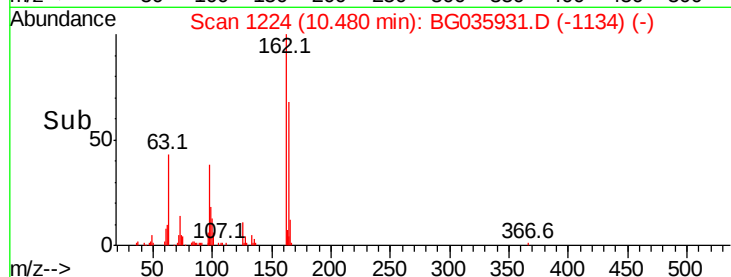
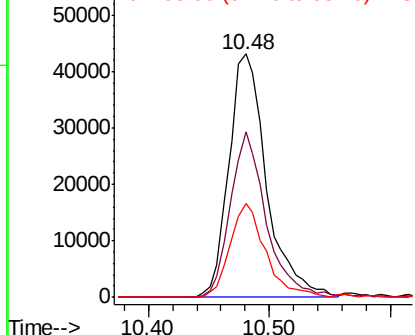
#29
2,4-Dichlorophenol
Concen: 44.308 ng
RT: 10.48 min Scan# 1224
Delta R.T. 0.00 min
Lab File: BG035931.D
Acq: 27 Jul 2018 10:54

Instrument :
BNA_G
ClientSampled :

Tot Ion:162 Resp: 93634
Ion Ratio Lower Upper
162 100
164 68.1 48.0 88.0
98 38.4 21.1 61.1

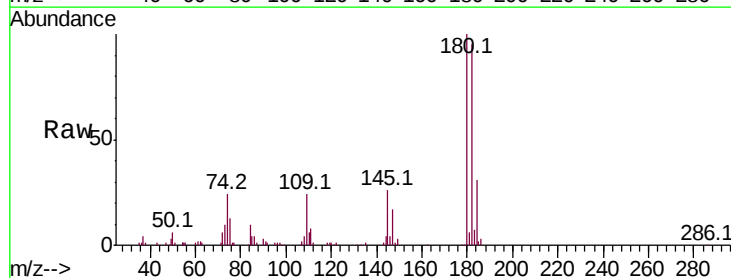


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BGC

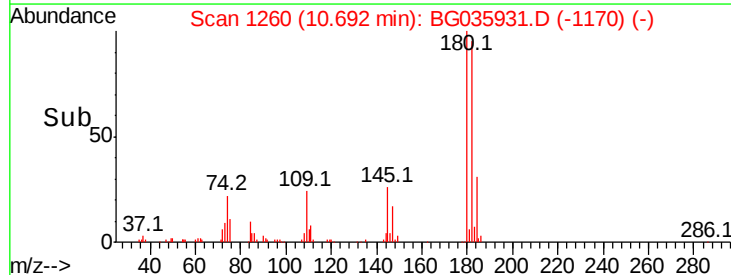
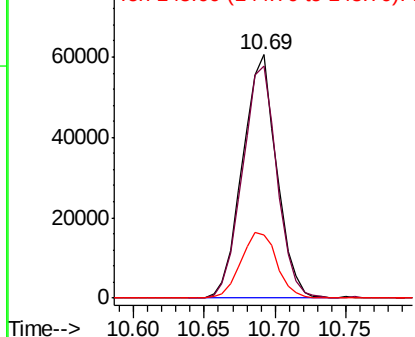


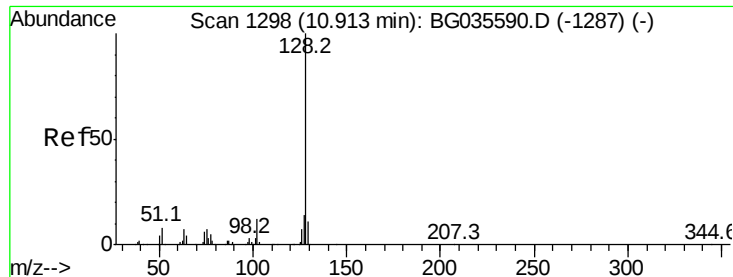
#30
1,2,4-Trichlorobenzene
Concen: 39.636 ng
RT: 10.69 min Scan# 1260
Delta R.T. 0.00 min
Lab File: BG035931.D
Acq: 27 Jul 2018 10:54

Tgt Ion:180 Resp: 102710
Ion Ratio Lower Upper
180 100
182 95.4 77.5 116.3
145 25.8 23.4 35.2



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

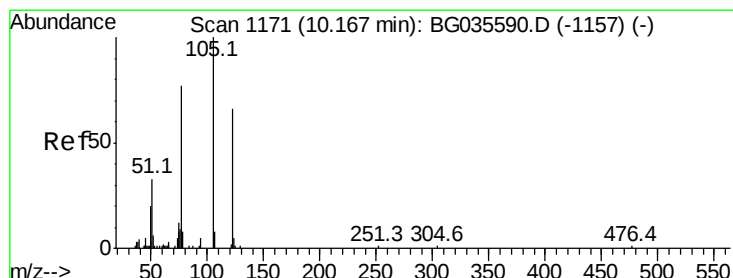
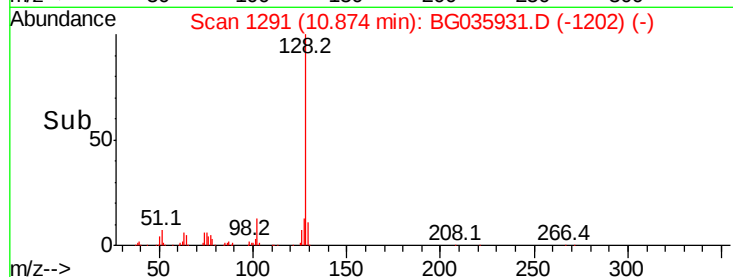
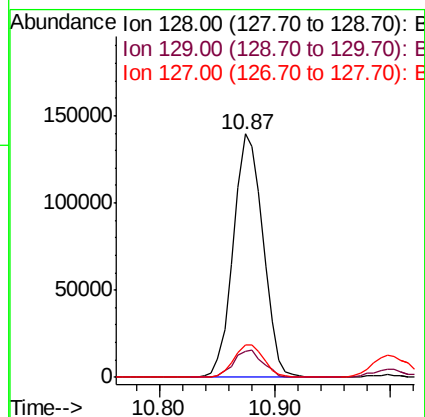
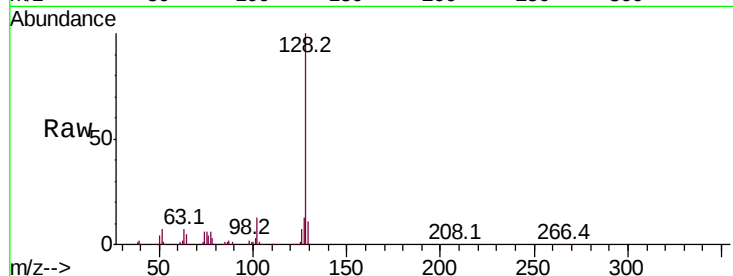




#31
Naphthalene
Concen: 37.332 ng
RT: 10.87 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BG035931.D
Acq: 27 Jul 2018 10:54

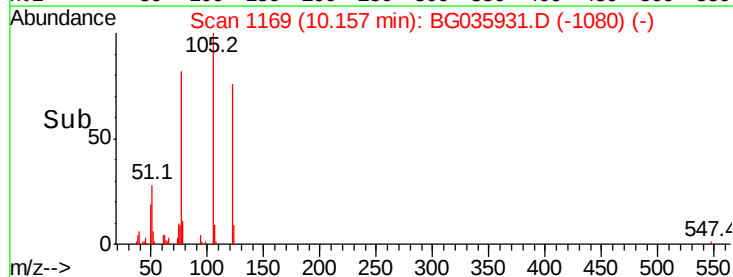
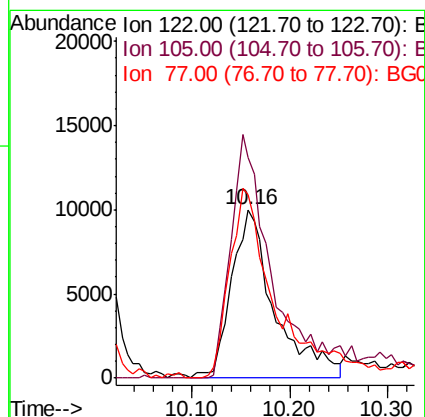
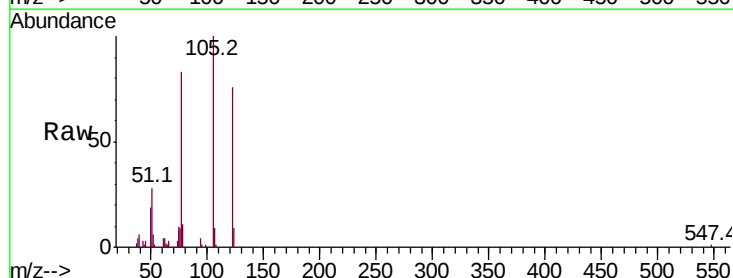
Instrument :
BNA_G
ClientSampleId :

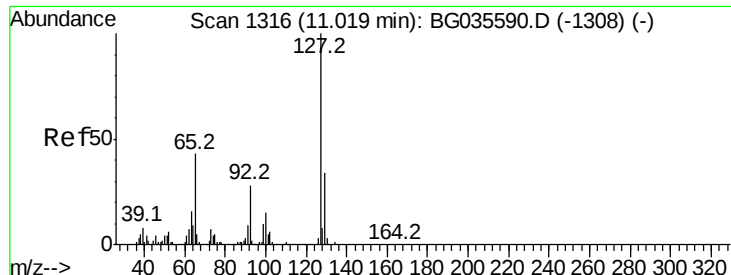
Tot Ion:128 Resp: 248752
Ion Ratio Lower Upper
128 100
129 10.7 8.6 12.8
127 13.2 11.6 17.4



#32
Benzoic acid
Concen: 24.621 ng
RT: 10.16 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BG035931.D
Acq: 27 Jul 2018 10:54

Tgt Ion:122 Resp: 30684
Ion Ratio Lower Upper
122 100
105 130.8 123.5 163.5
77 108.6 85.7 125.7

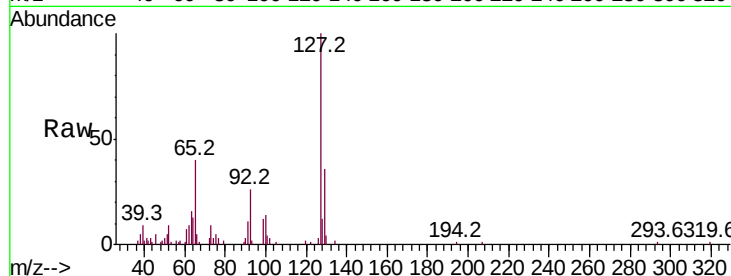




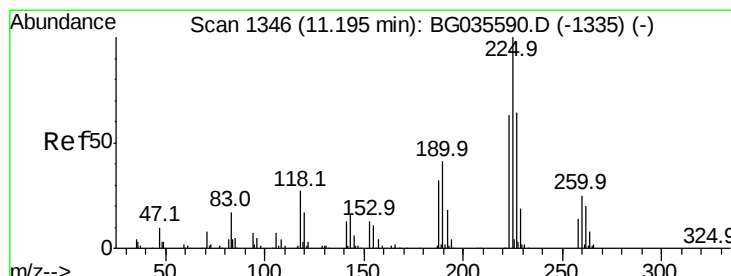
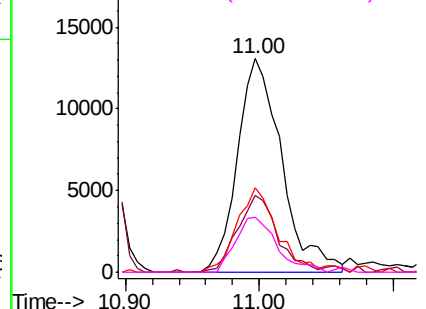
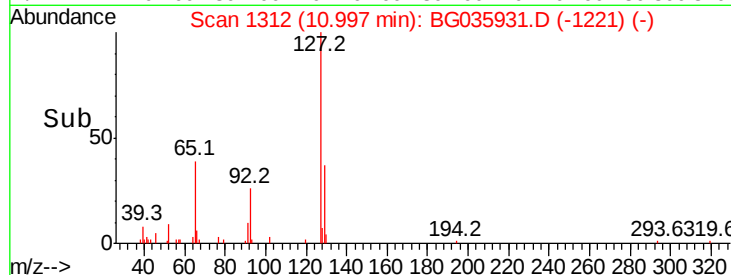
#33
 4-Chloroaniline
 Concen: 10.349 ng
 RT: 11.00 min Scan# 1312
 Delta R.T. 0.01 min
 Lab File: BG035931.D
 Acq: 27 Jul 2018 10:54

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	127	Resp:	30056
Ion	Ratio	Lower	Upper
127	100		
129	35.9	24.0	36.0
65	39.8	27.0	40.4
92	25.6	16.6	25.0#

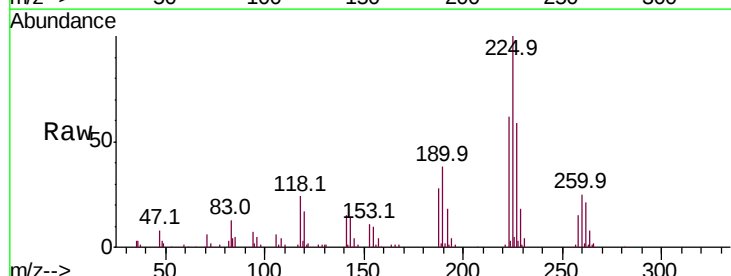


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BGO
 Ion 92.00 (91.70 to 92.70): BGO

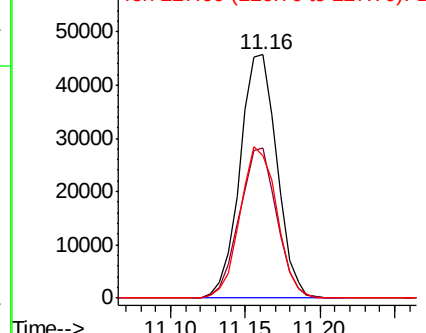
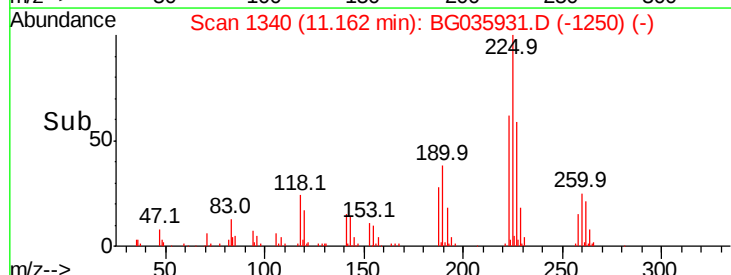


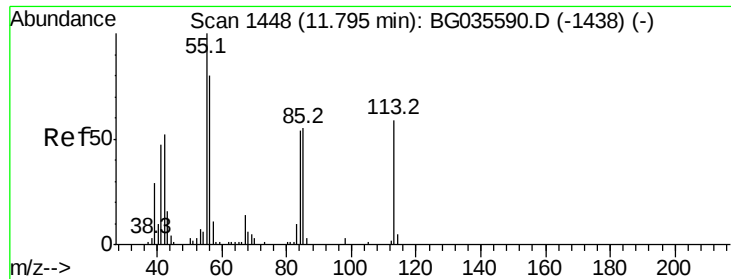
#34
 Hexachlorobutadiene
 Concen: 38.877 ng
 RT: 11.16 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: BG035931.D
 Acq: 27 Jul 2018 10:54

Tgt Ion:	225	Resp:	78558
Ion	Ratio	Lower	Upper
225	100		
223	61.9	49.7	74.5
227	58.8	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: 36.735 ng

RT: 11.76 min Scan# 1441

Delta R.T. -0.02 min

Lab File: BG035931.D

Acq: 27 Jul 2018 10:54

Instrument :

BNA_G

ClientSampleId :

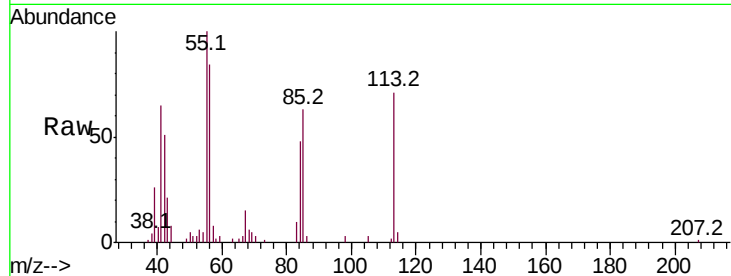
Tot Ion:113 Resp: 33314

Ion Ratio Lower Upper

113 100

55 140.1 186.9 226.9#

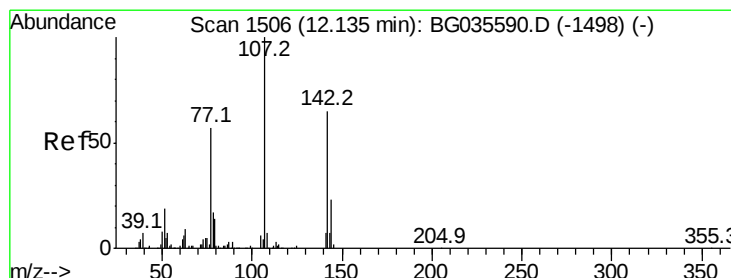
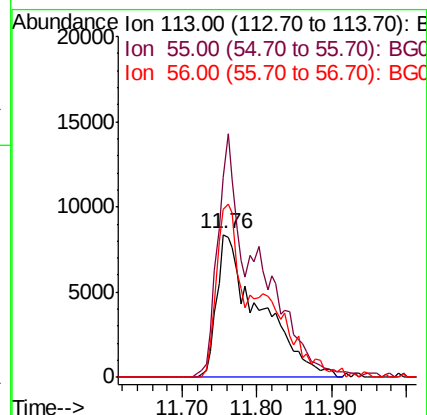
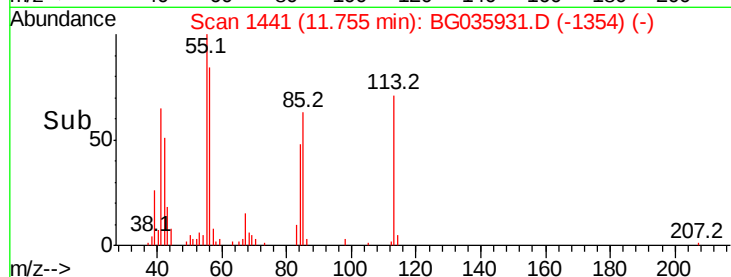
56 117.5 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 40.764 ng

RT: 12.11 min Scan# 1502

Delta R.T. 0.00 min

Lab File: BG035931.D

Acq: 27 Jul 2018 10:54

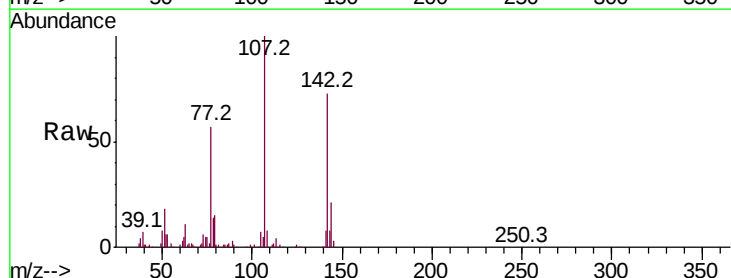
Tgt Ion:107 Resp: 115470

Ion Ratio Lower Upper

107 100

144 21.3 18.2 27.4

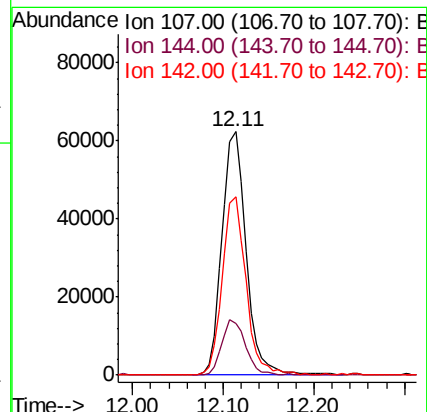
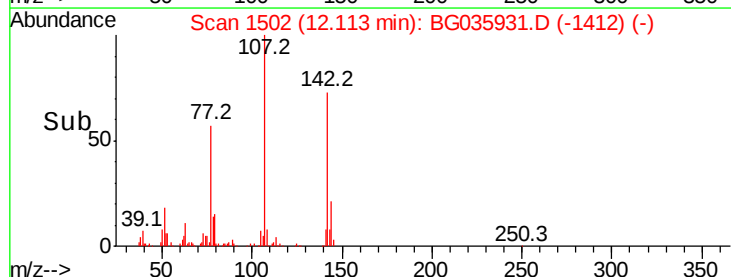
142 73.4 59.0 88.4

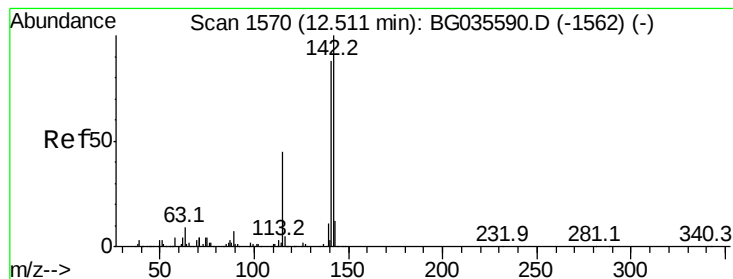


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 40.592 ng

RT: 12.48 min Scan# 1564

Delta R.T. -0.01 min

Lab File: BG035931.D

Acq: 27 Jul 2018 10:54

Instrument :

BNA_G

ClientSampleId :

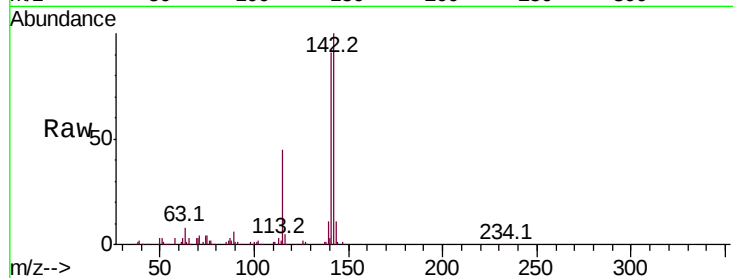
Tot Ion:142 Resp: 201506

Ion Ratio Lower Upper

142 100

141 90.7 67.1 100.7

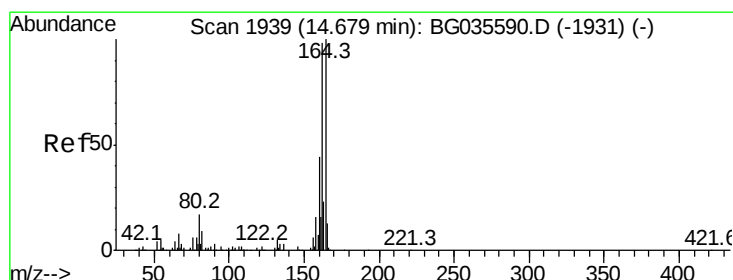
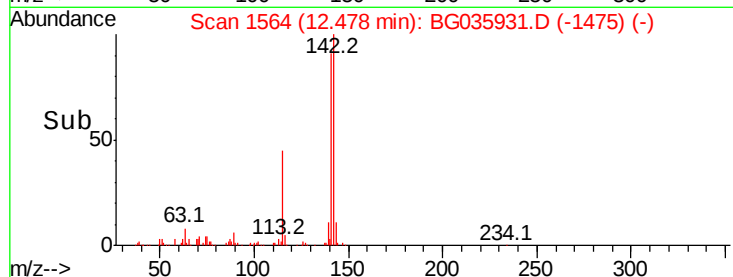
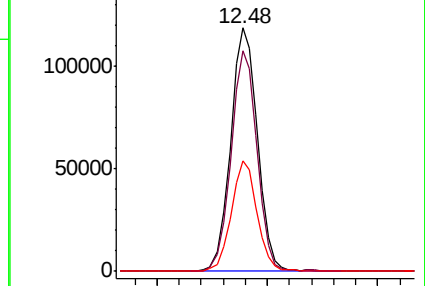
115 45.2 30.7 46.1



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: 14.65 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BG035931.D

Acq: 27 Jul 2018 10:54

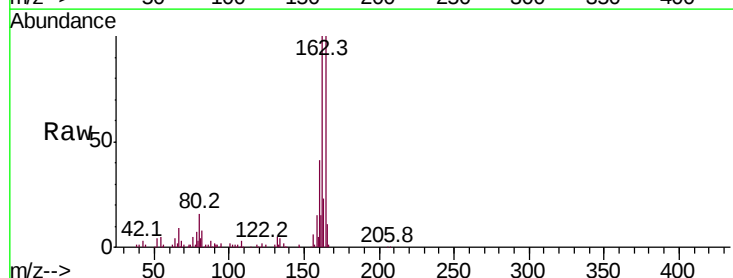
Tgt Ion:164 Resp: 90545

Ion Ratio Lower Upper

164 100

162 100.3 78.8 118.2

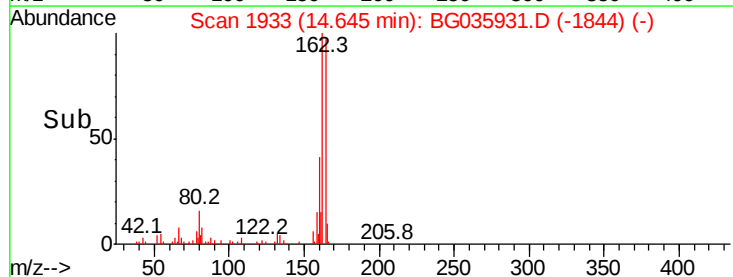
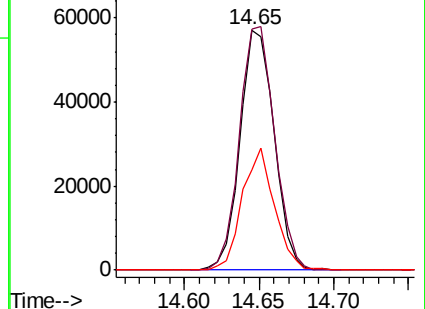
160 41.6 35.4 53.0

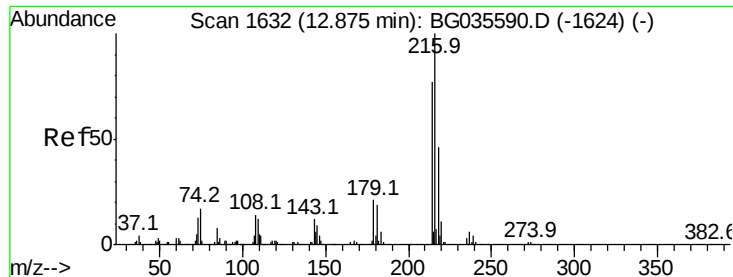


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

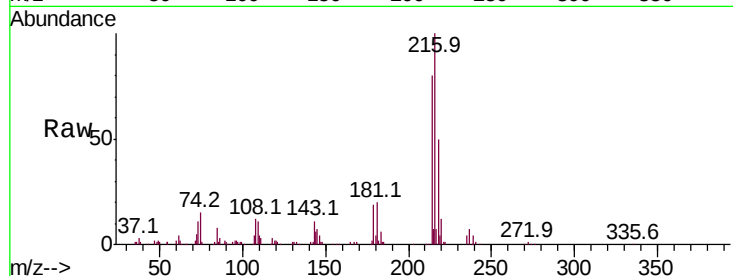




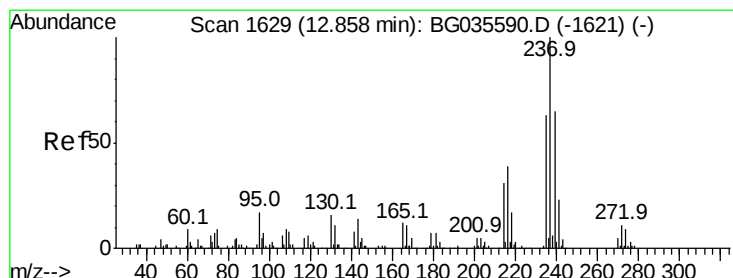
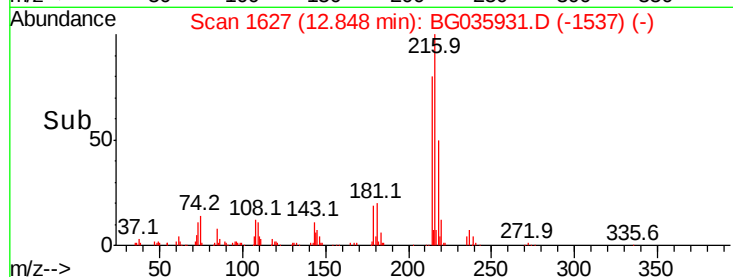
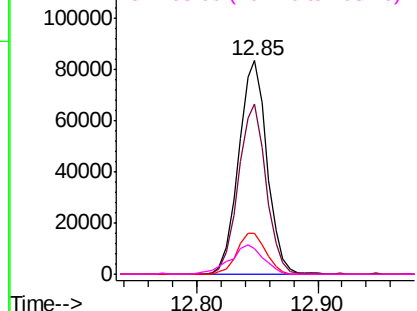
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.913 ng
 RT: 12.85 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: BG035931.D
 Acq: 27 Jul 2018 10:54

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	216	Resp:	136401
Ion	Ratio	Lower	Upper
216	100		
214	78.1	63.0	94.4
179	19.6	17.0	25.6
108	16.0	12.8	19.2

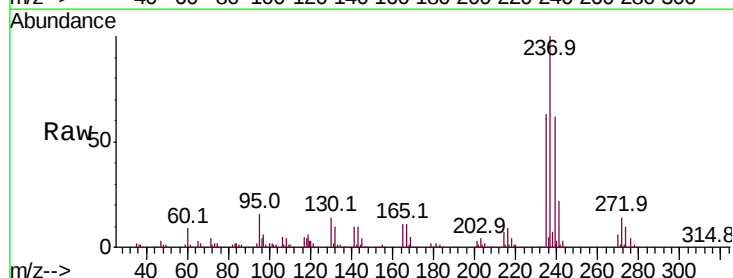


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

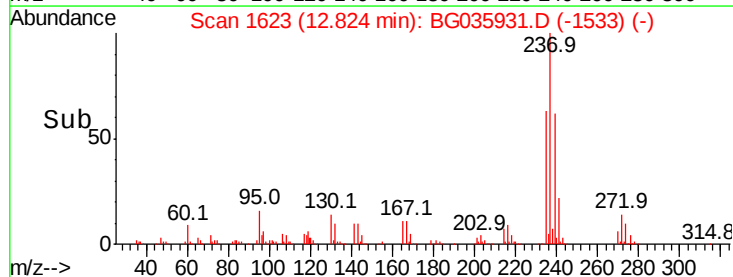
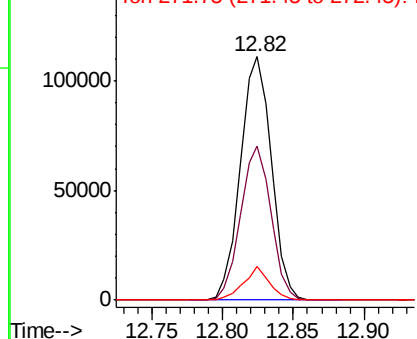


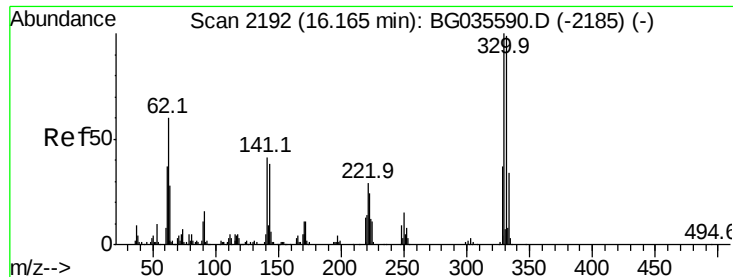
#40
 Hexachlorocyclopentadiene
 Concen: 95.052 ng
 RT: 12.82 min Scan# 1623
 Delta R.T. 0.00 min
 Lab File: BG035931.D
 Acq: 27 Jul 2018 10:54

Tgt Ion:	237	Resp:	170360
Ion	Ratio	Lower	Upper
237	100		
235	63.1	50.4	90.4
272	14.0	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

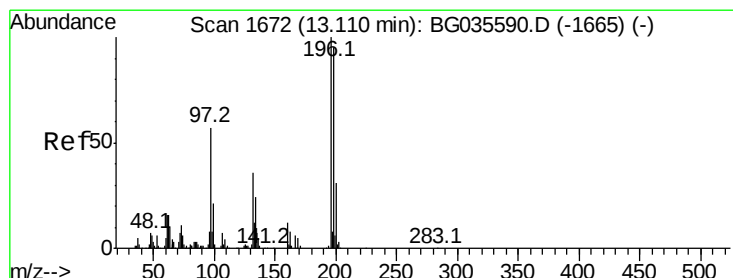
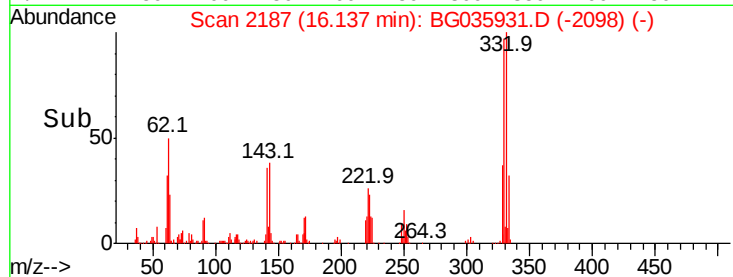
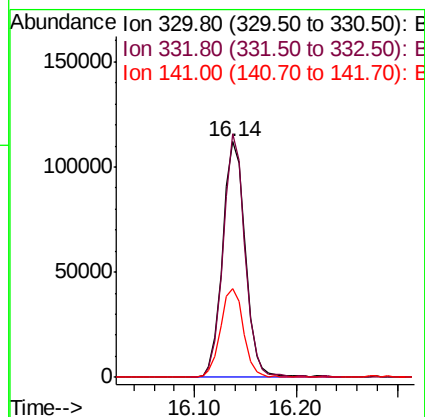
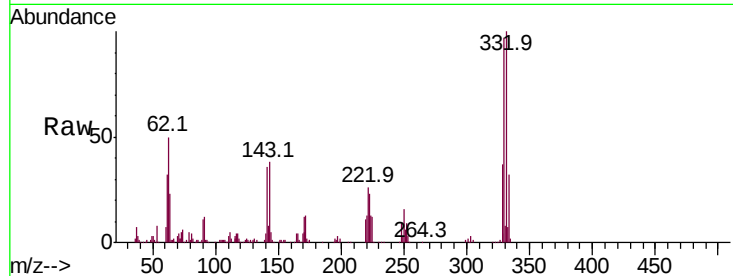




#41
 2,4,6-Tribromophenol
 Concen: 147.060 ng
 RT: 16.14 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BG035931.D
 Acq: 27 Jul 2018 10:54

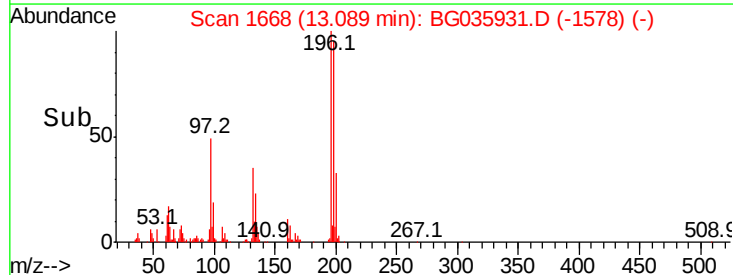
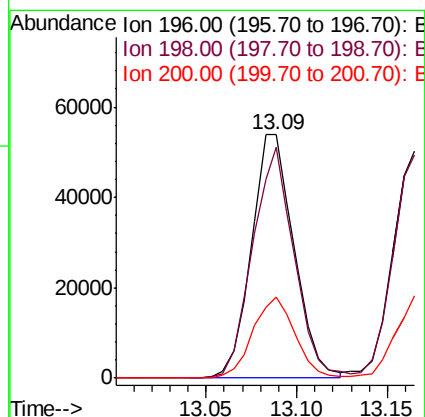
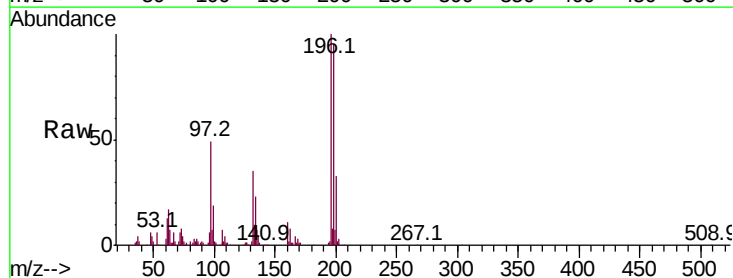
Instrument :
 BNA_G
 ClientSampleId :

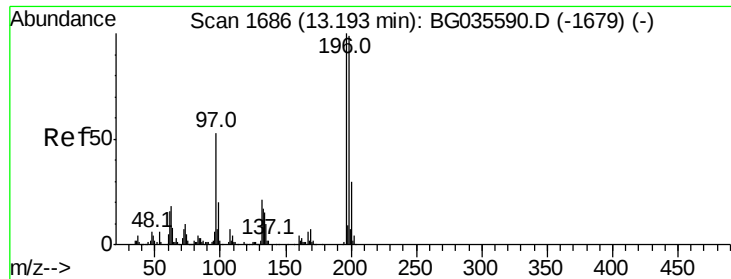
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.0	115.6
141	37.9	25.2	37.8#



#42
 2,4,6-Trichlorophenol
 Concen: 44.003 ng
 RT: 13.09 min Scan# 1668
 Delta R.T. 0.00 min
 Lab File: BG035931.D
 Acq: 27 Jul 2018 10:54

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.9	78.2	117.2
200	33.2	24.6	36.8

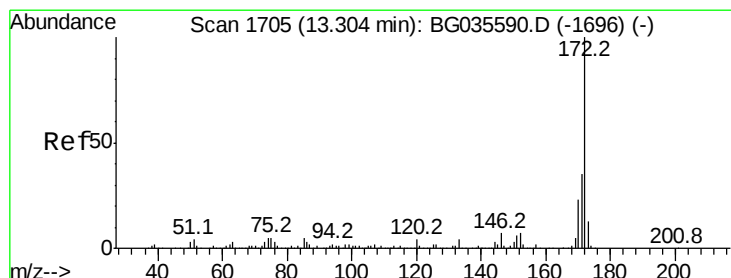
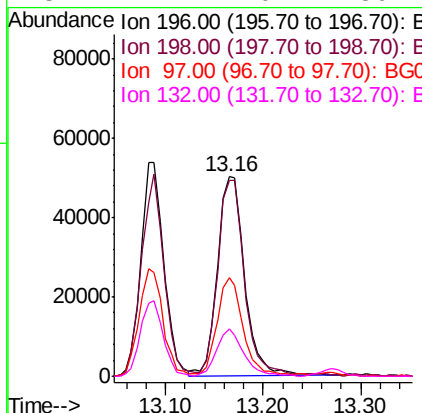
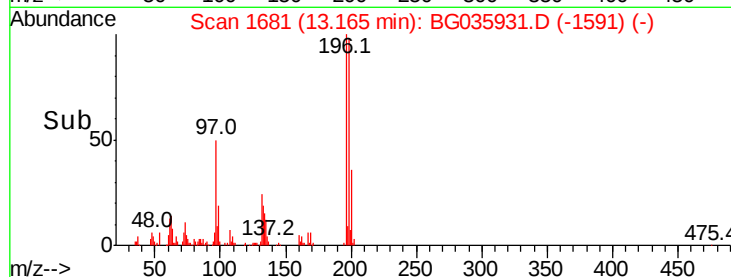
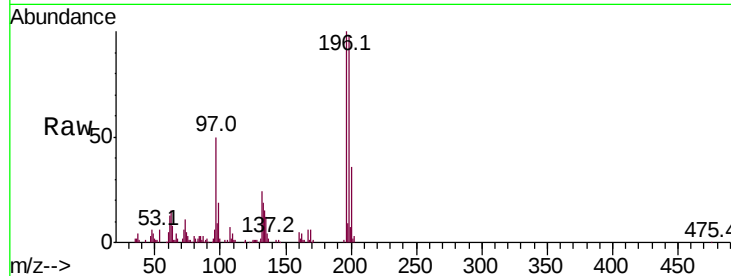




#43
2,4,5-Trichlorophenol
Concen: 43.352 ng
RT: 13.16 min Scan# 1681
Delta R.T. 0.00 min
Lab File: BG035931.D
Acq: 27 Jul 2018 10:54

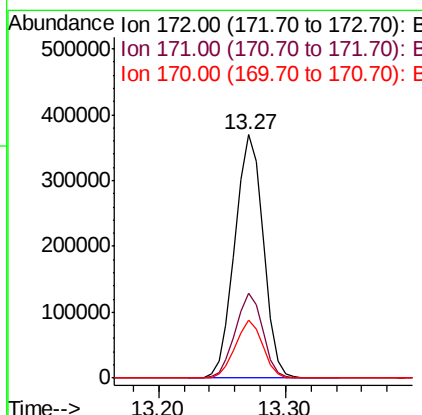
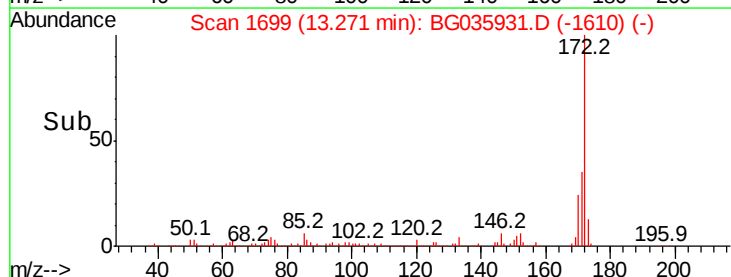
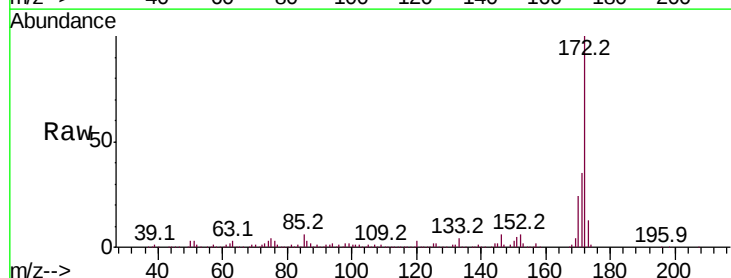
Instrument :
BNA_G
ClientSampleId :

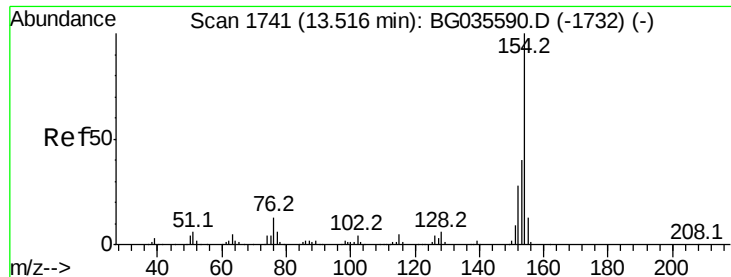
Tot Ion:196 Resp: 96925
Ion Ratio Lower Upper
196 100
198 98.0 76.2 114.4
97 49.7 38.7 58.1
132 24.1 20.2 30.2



#44
2-Fluorobiphenyl
Concen: 84.632 ng
RT: 13.27 min Scan# 1699
Delta R.T. -0.01 min
Lab File: BG035931.D
Acq: 27 Jul 2018 10:54

Tgt Ion:172 Resp: 571979
Ion Ratio Lower Upper
172 100
171 35.0 30.0 45.0
170 23.9 19.5 29.3





#45

1,1'-Biphenyl

Concen: 39.574 ng

RT: 13.48 min Scan# 1735

Delta R.T. -0.01 min

Lab File: BG035931.D

Acq: 27 Jul 2018 10:54

Instrument :

BNA_G

ClientSampleId :

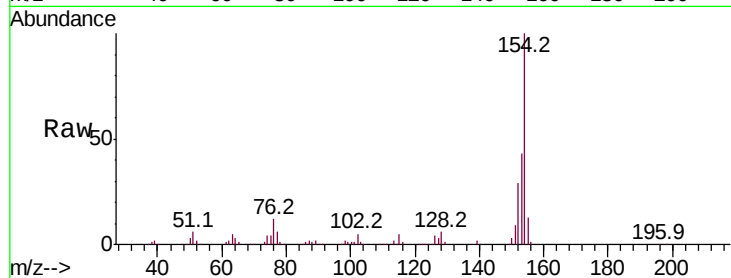
Tot Ion:154 Resp: 277805

Ion Ratio Lower Upper

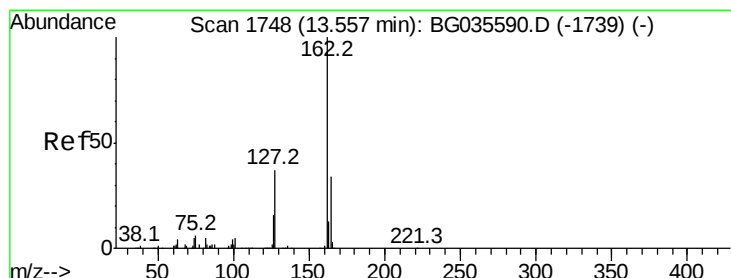
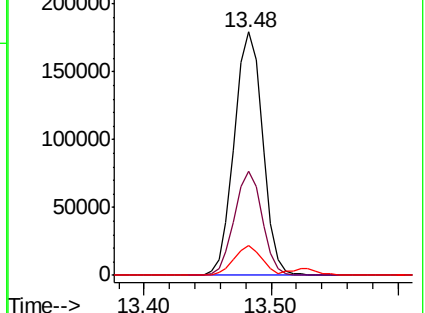
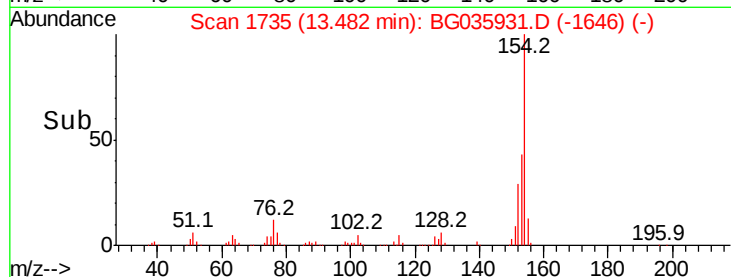
154 100

153 42.6 19.8 59.8

76 12.1 0.0 31.9



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



#46

2-Chloronaphthalene

Concen: 39.761 ng

RT: 13.53 min Scan# 1743

Delta R.T. 0.00 min

Lab File: BG035931.D

Acq: 27 Jul 2018 10:54

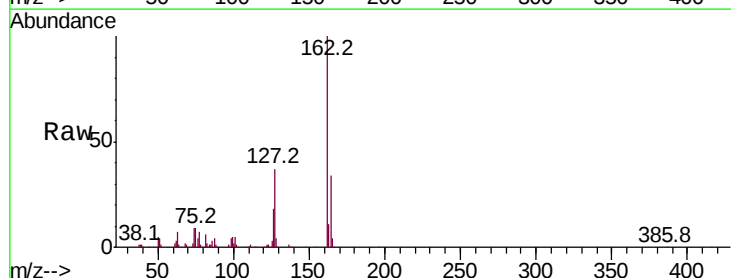
Tgt Ion:162 Resp: 217110

Ion Ratio Lower Upper

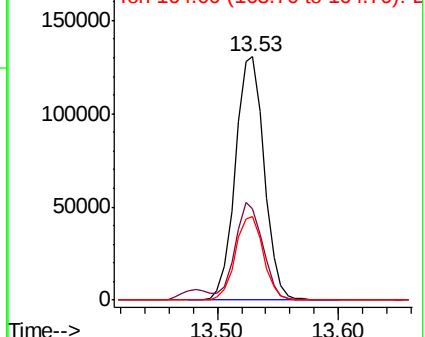
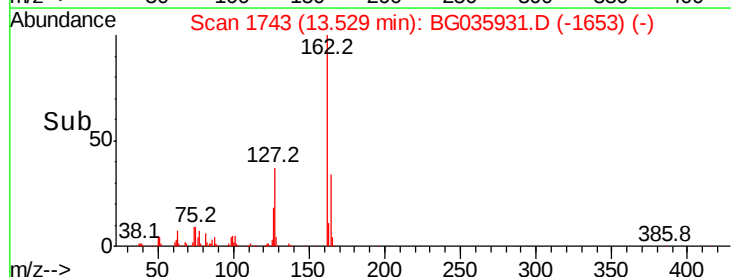
162 100

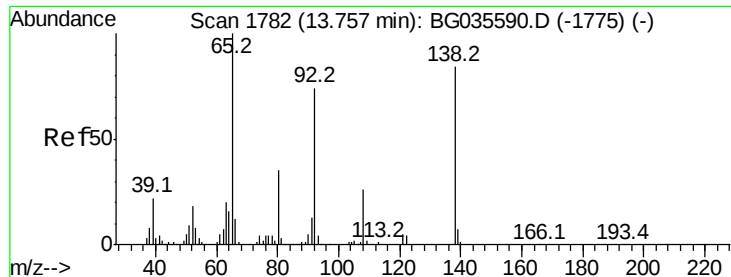
127 37.3 30.7 46.1

164 34.2 26.0 39.0



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

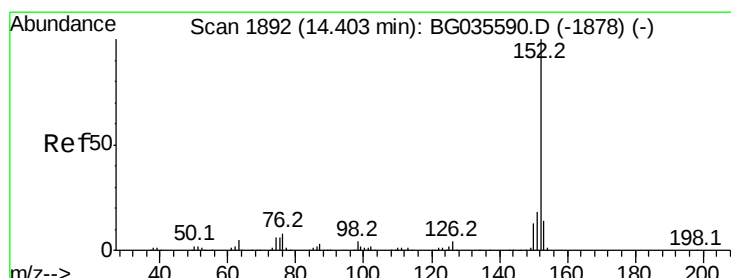
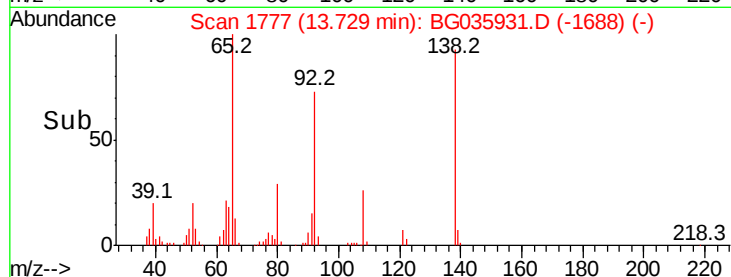
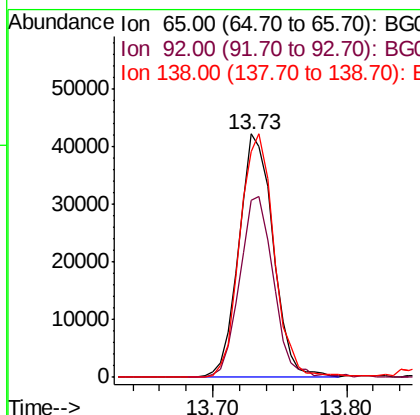
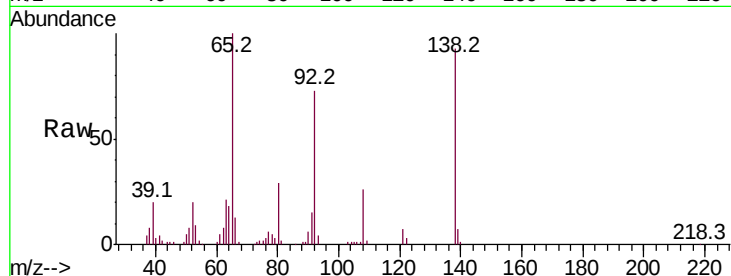




#47
2-Nitroaniline
Concen: 38.899 ng
RT: 13.73 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BG035931.D
Acq: 27 Jul 2018 10:54

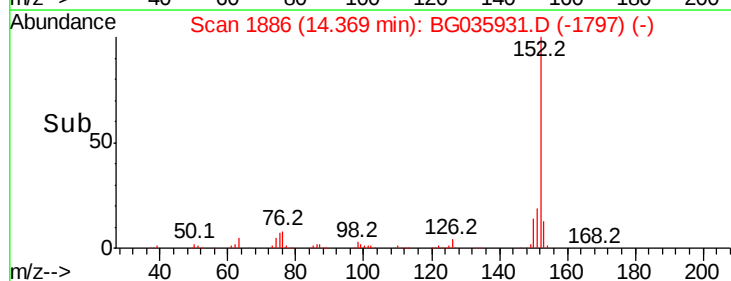
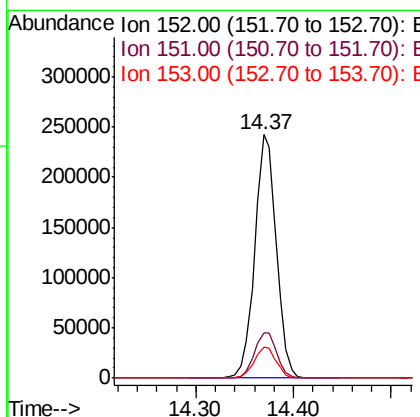
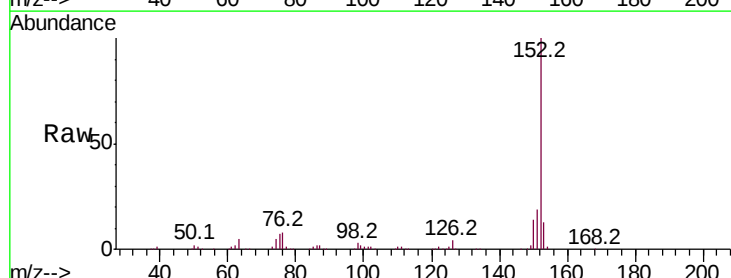
Instrument :
BNA_G
ClientSampled :

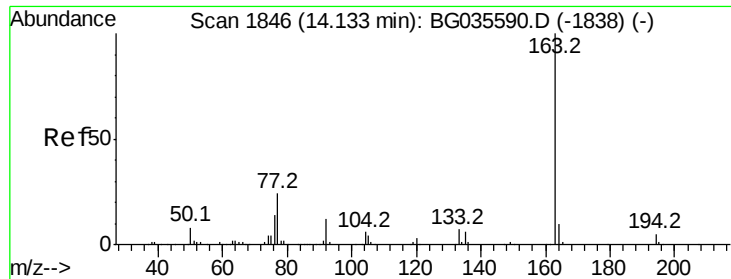
Tot Ion: 65 Resp: 75092
Ion Ratio Lower Upper
65 100
92 72.9 54.6 82.0
138 92.8 72.9 109.3



#48
Acenaphthylene
Concen: 41.242 ng
RT: 14.37 min Scan# 1886
Delta R.T. -0.01 min
Lab File: BG035931.D
Acq: 27 Jul 2018 10:54

Tgt Ion: 152 Resp: 377233
Ion Ratio Lower Upper
152 100
151 18.7 17.2 25.8
153 12.6 10.2 15.4

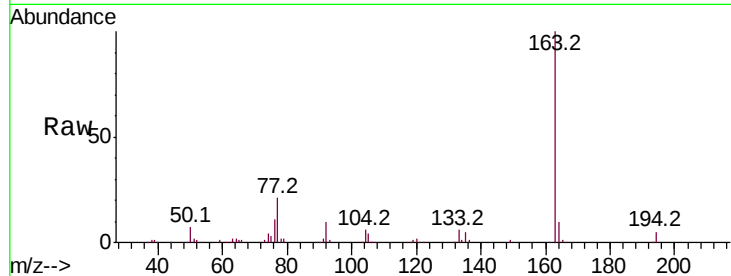




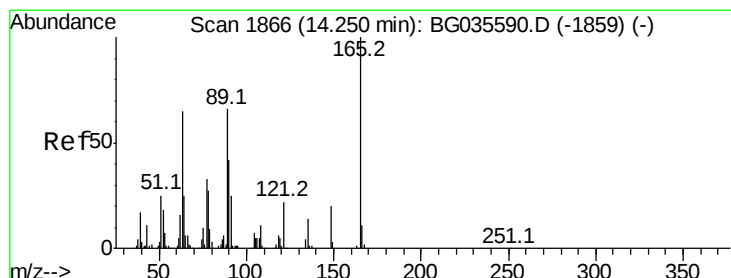
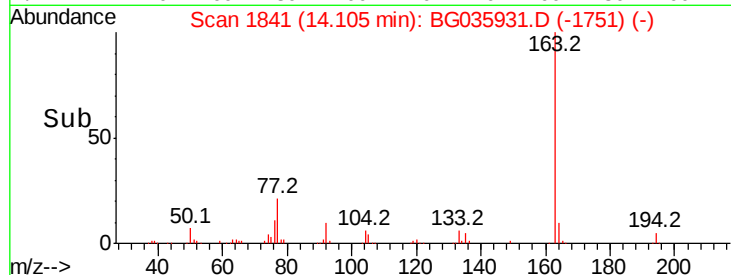
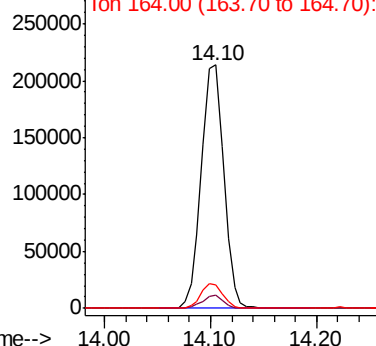
#49
Dimethylphthalate
Concen: 39.709 ng
RT: 14.10 min Scan# 1841
Delta R.T. 0.00 min
Lab File: BG035931.D
Acq: 27 Jul 2018 10:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion:163 Resp: 315012
Ion Ratio Lower Upper
163 100
194 5.4 3.4 5.2#
164 9.7 8.2 12.4

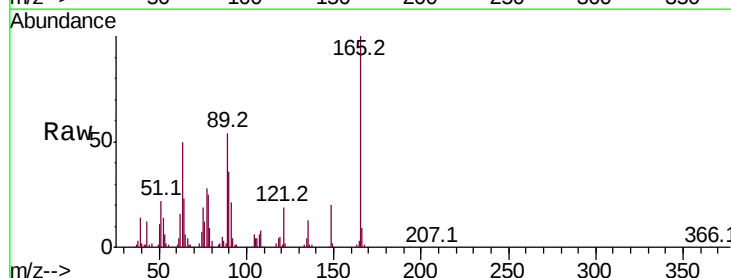


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

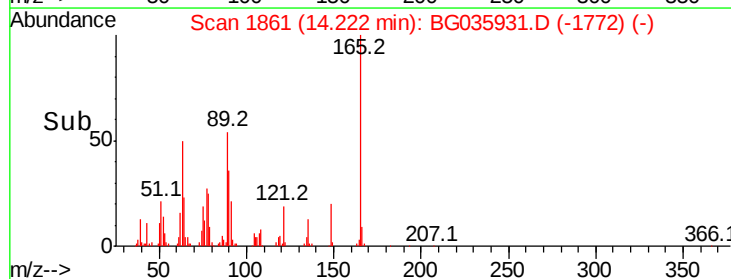
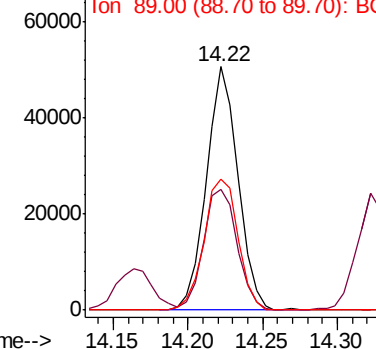


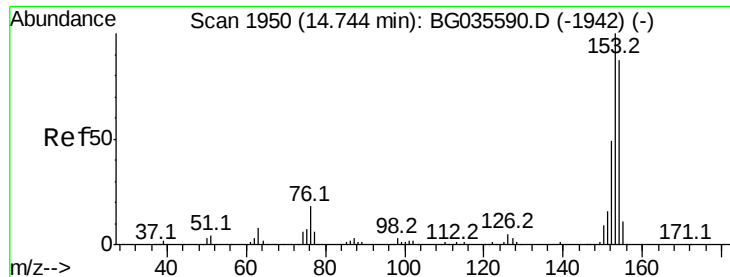
#50
2,6-Dinitrotoluene
Concen: 46.102 ng
RT: 14.22 min Scan# 1861
Delta R.T. -0.01 min
Lab File: BG035931.D
Acq: 27 Jul 2018 10:54

Tgt Ion:165 Resp: 74477
Ion Ratio Lower Upper
165 100
63 49.7 52.7 79.1#
89 53.6 49.2 73.8



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





#51

Acenaphthene

Concen: 38.021 ng

RT: 14.71 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BG035931.D

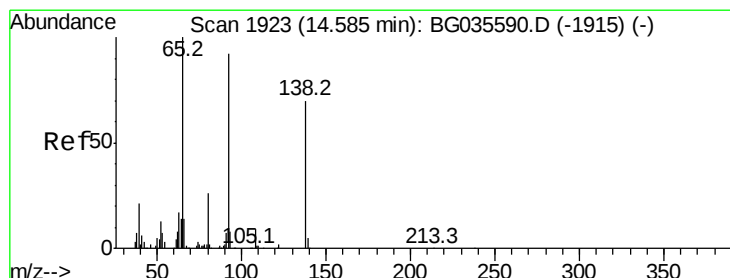
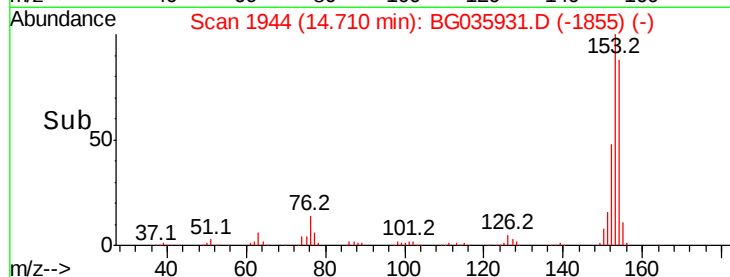
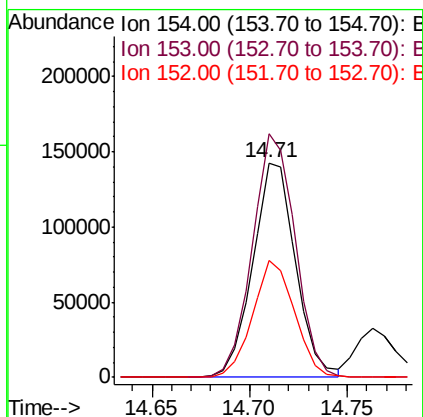
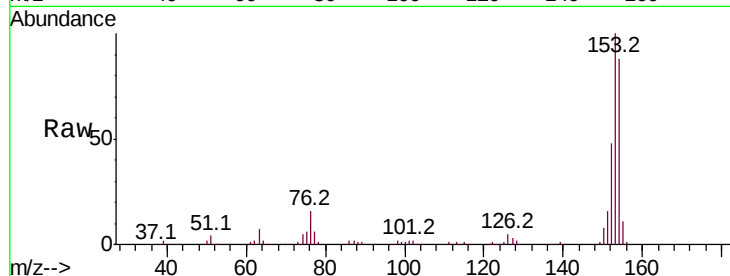
Acq: 27 Jul 2018 10:54

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	154	Resp:	216639
Ion	Ratio	Lower	Upper
154	100		
153	113.7	90.4	135.6
152	54.4	41.6	62.4



#52

3-Nitroaniline

Concen: 20.511 ng

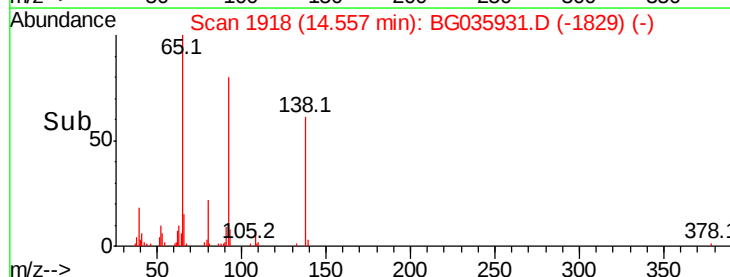
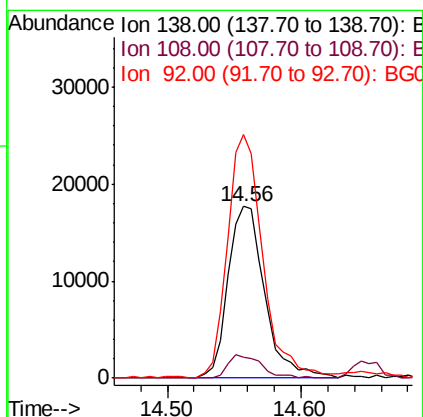
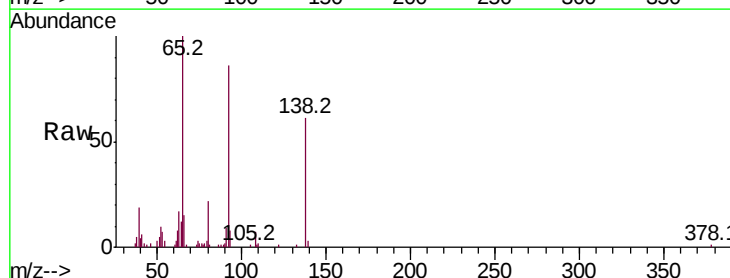
RT: 14.56 min Scan# 1918

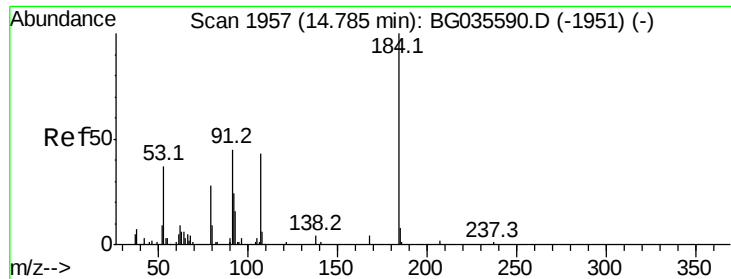
Delta R.T. -0.01 min

Lab File: BG035931.D

Acq: 27 Jul 2018 10:54

Tgt Ion:	138	Resp:	33867
Ion	Ratio	Lower	Upper
138	100		
108	12.1	17.5	26.3#
92	141.6	105.8	158.8

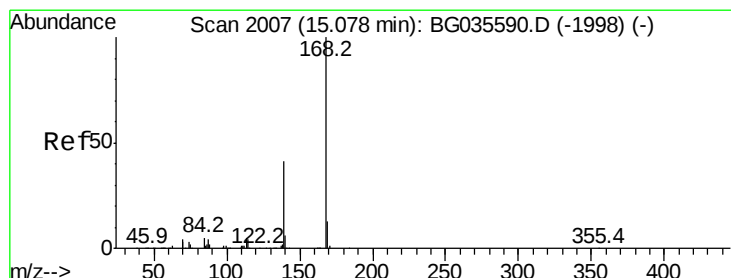
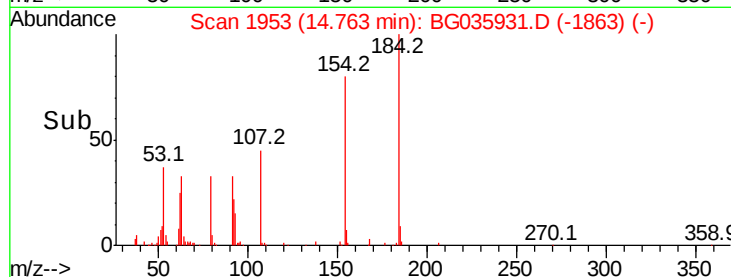
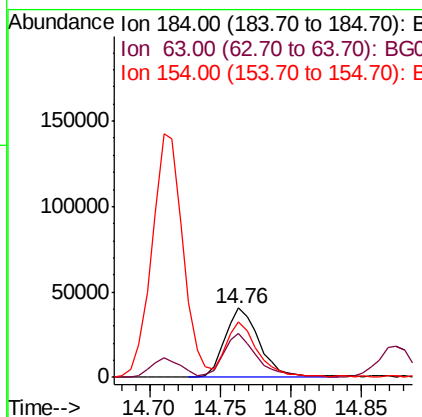
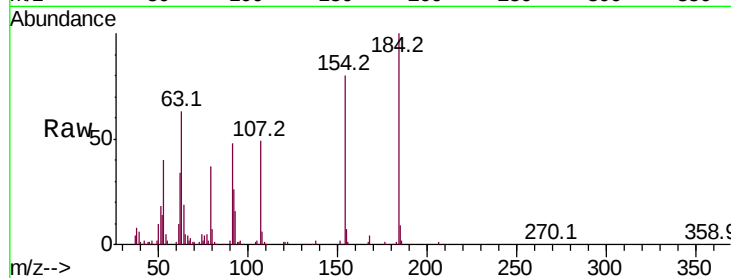




#53
2,4-Dinitrophenol
Concen: 83.018 ng
RT: 14.76 min Scan# 1953
Delta R.T. 0.00 min
Lab File: BG035931.D
Acq: 27 Jul 2018 10:54

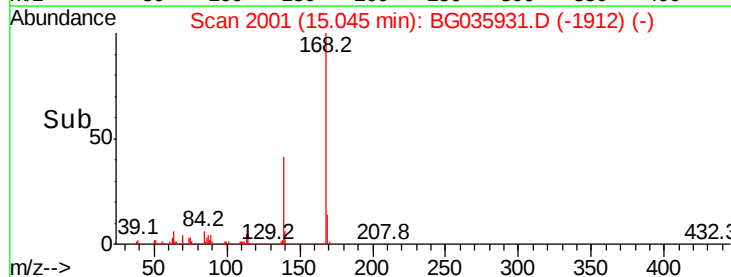
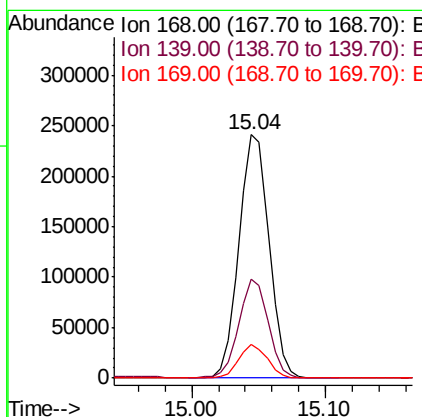
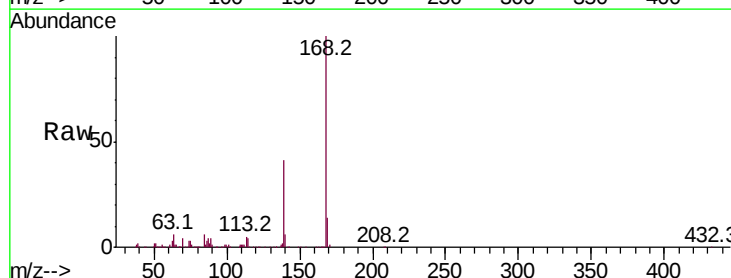
Instrument :
BNA_G
ClientSampleId :

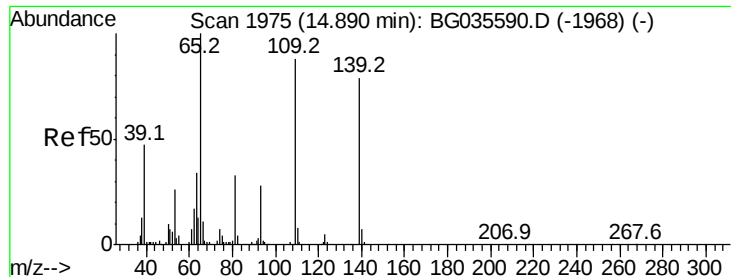
Tot Ion:184 Resp: 69191
Ion Ratio Lower Upper
184 100
63 62.7 59.8 89.8
154 80.2 101.8 152.8#



#54
Dibenzofuran
Concen: 41.387 ng
RT: 15.04 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BG035931.D
Acq: 27 Jul 2018 10:54

Tgt Ion:168 Resp: 375034
Ion Ratio Lower Upper
168 100
139 40.6 28.6 43.0
169 13.7 11.2 16.8





#55

4-Nitrophenol

Concen: 86.194 ng

RT: 14.87 min Scan# 1972

Delta R.T. 0.00 min

Lab File: BG035931.D

Acq: 27 Jul 2018 10:54

Instrument :

BNA_G

ClientSampleId :

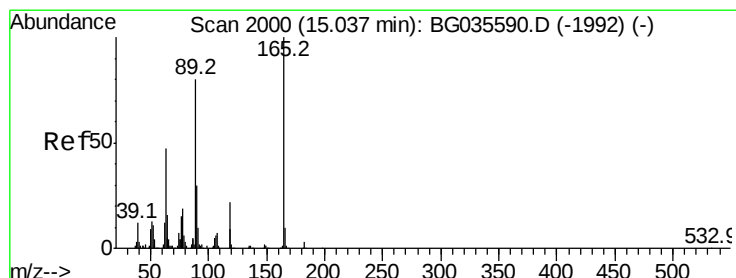
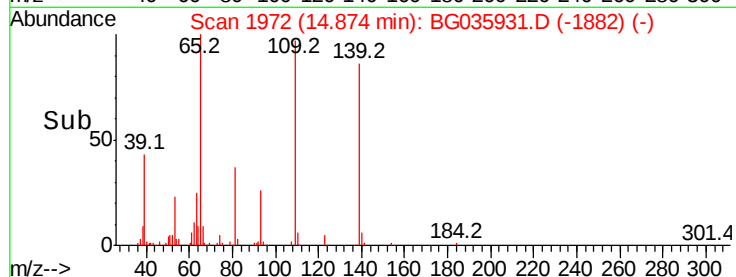
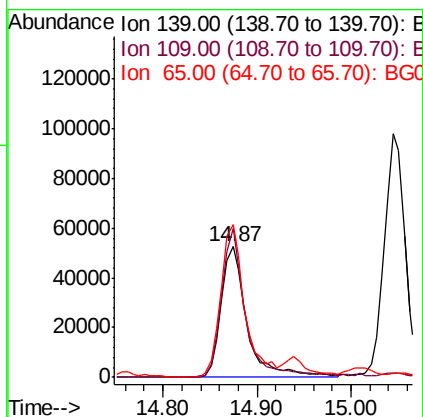
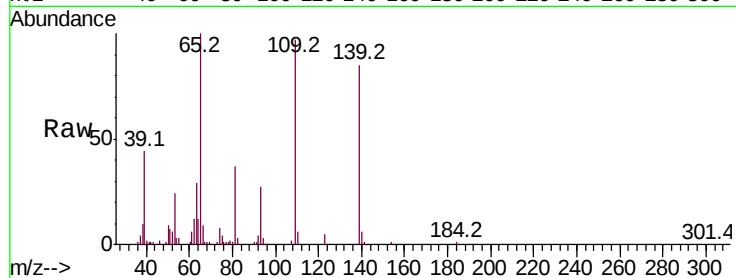
Tot Ion:139 Resp: 101353

Ion Ratio Lower Upper

139 100

109 113.9 62.2 102.2#

65 117.4 97.2 137.2



#56

2,4-Dinitrotoluene

Concen: 47.893 ng

RT: 15.01 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BG035931.D

Acq: 27 Jul 2018 10:54

Tgt Ion:165 Resp: 110998

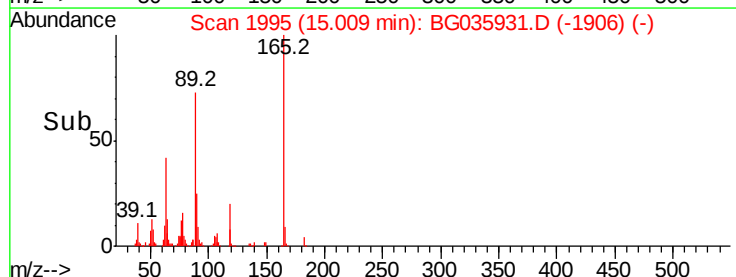
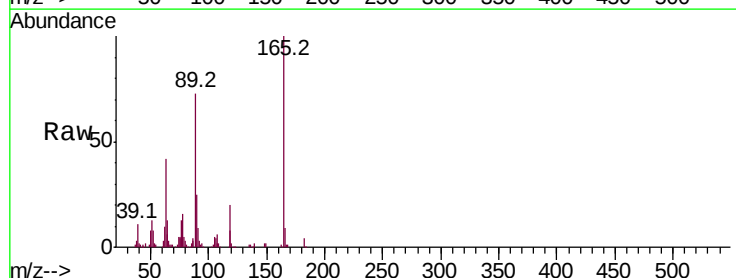
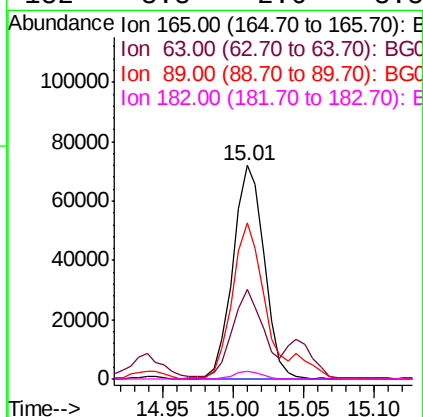
Ion Ratio Lower Upper

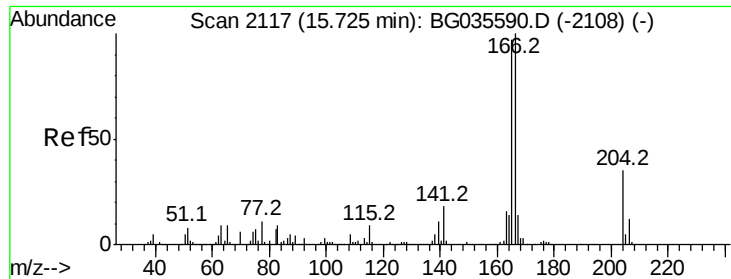
165 100

63 42.2 42.0 63.0

89 73.4 66.9 100.3

182 3.8 2.6 3.8

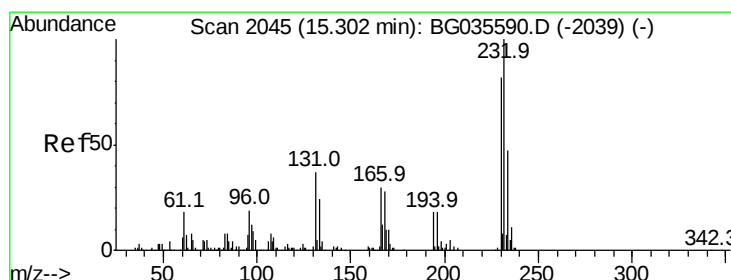
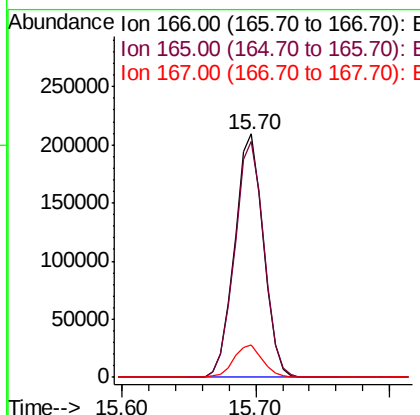
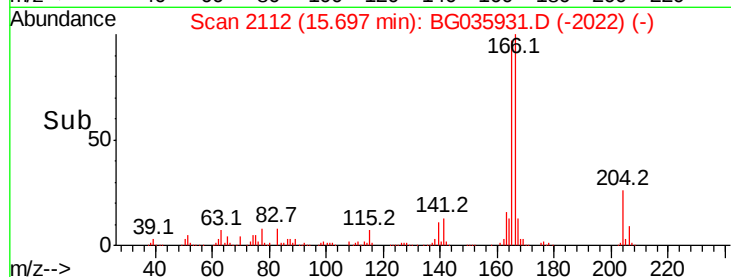
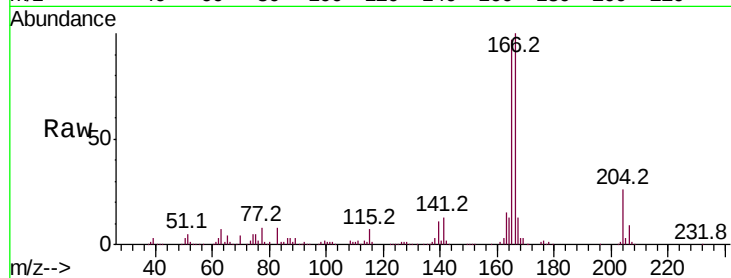




#57
 Fluorene
 Concen: 41.271 ng
 RT: 15.70 min Scan# 2112
 Delta R.T. 0.00 min
 Lab File: BG035931.D
 Acq: 27 Jul 2018 10:54

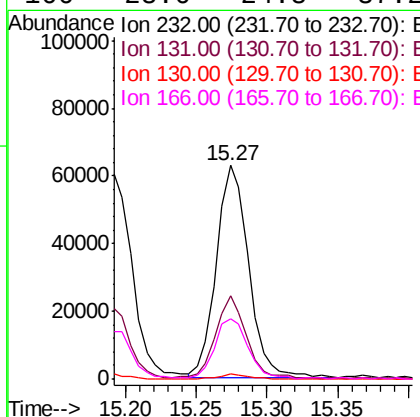
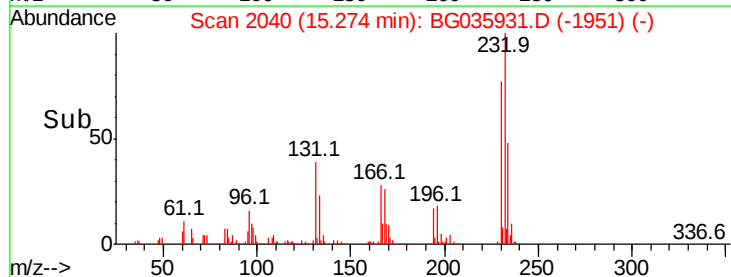
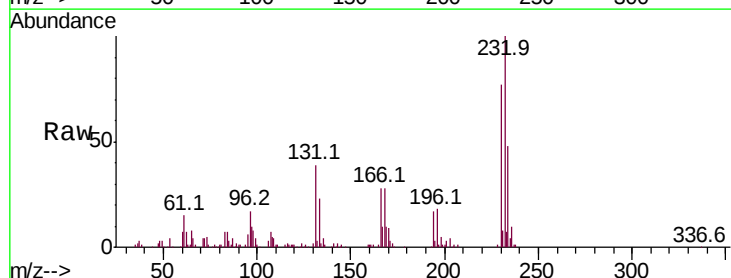
Instrument :
 BNA_G
 ClientSampleId :

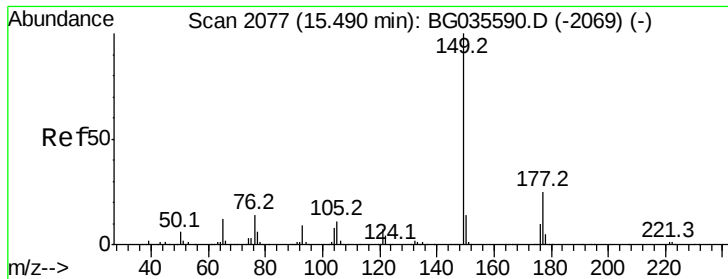
Tot Ion:166 Resp: 313453
 Ion Ratio Lower Upper
 166 100
 165 97.0 80.6 121.0
 167 13.3 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 46.727 ng
 RT: 15.27 min Scan# 2040
 Delta R.T. -0.01 min
 Lab File: BG035931.D
 Acq: 27 Jul 2018 10:54

Tgt Ion:232 Resp: 100166
 Ion Ratio Lower Upper
 232 100
 131 36.9 33.5 50.3
 130 2.0 2.2 3.2#
 166 28.6 24.8 37.2

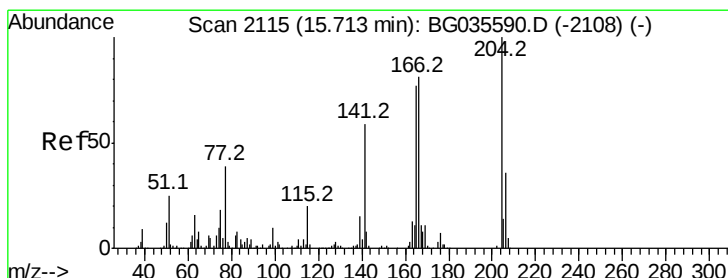
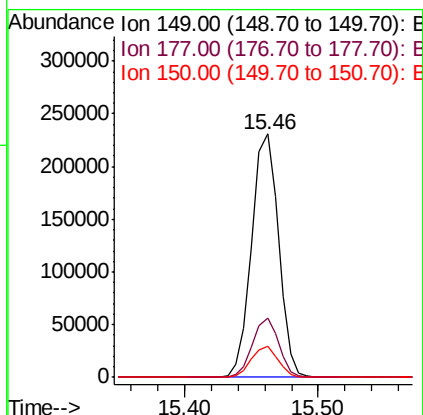
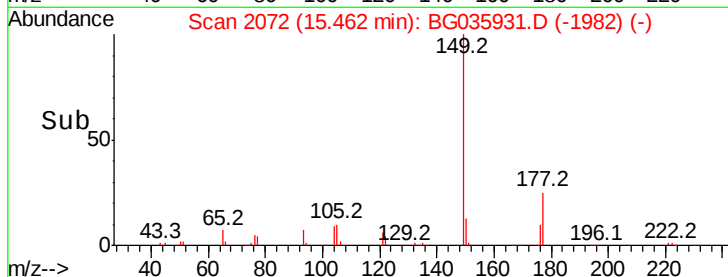
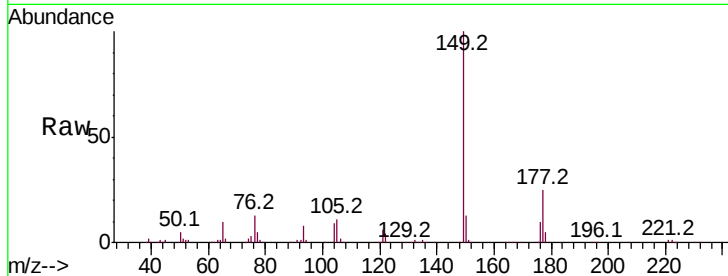




#59
Diethylphthalate
Concen: 39.035 ng
RT: 15.46 min Scan# 2072
Delta R.T. 0.00 min
Lab File: BG035931.D
Acq: 27 Jul 2018 10:54

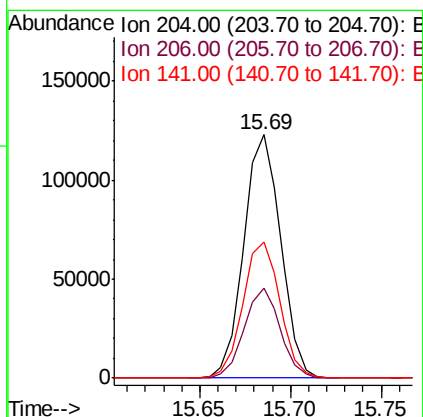
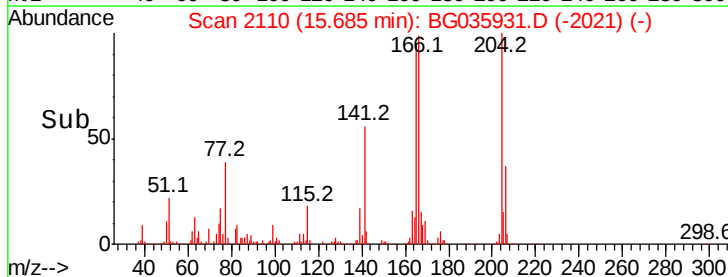
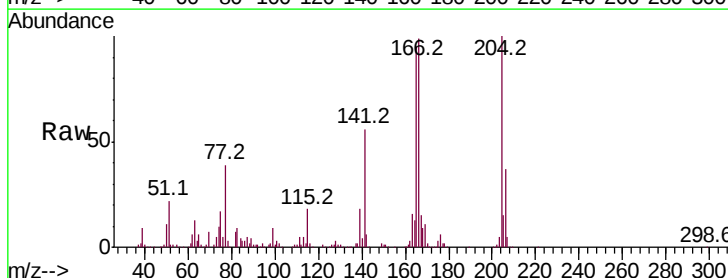
Instrument :
BNA_G
ClientSampleId :

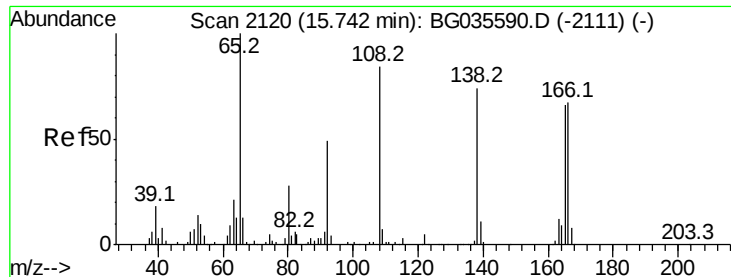
Tot Ion	Ratio	Lower	Upper
149	100		
177	24.6	18.5	27.7
150	12.7	10.2	15.2



#60
4-Chlorophenyl-phenylether
Concen: 39.249 ng
RT: 15.69 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BG035931.D
Acq: 27 Jul 2018 10:54

Tgt Ion	Ratio	Lower	Upper
204	100		
206	37.0	26.2	39.2
141	55.9	45.8	68.6

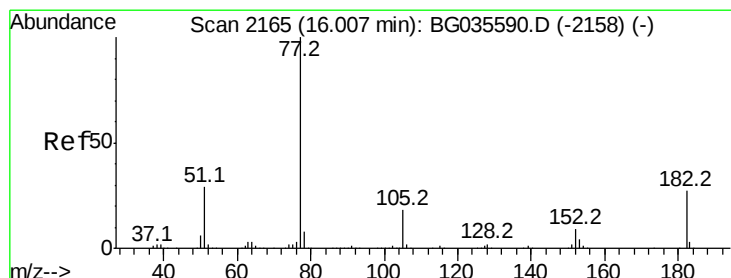
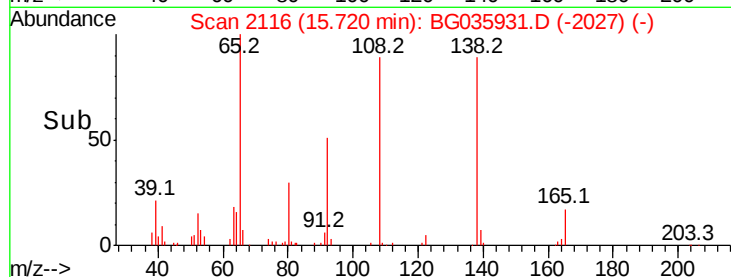
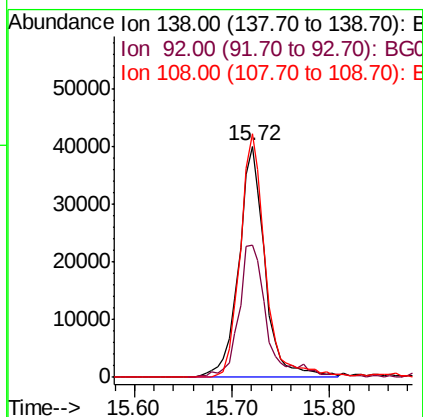
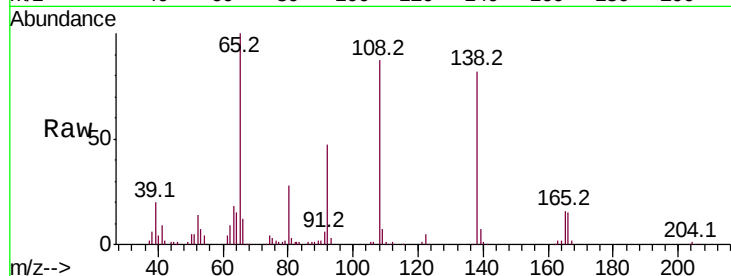




#61
4-Nitroaniline
Concen: 43.143 ng
RT: 15.72 min Scan# 2116
Delta R.T. -0.01 min
Lab File: BG035931.D
Acq: 27 Jul 2018 10:54

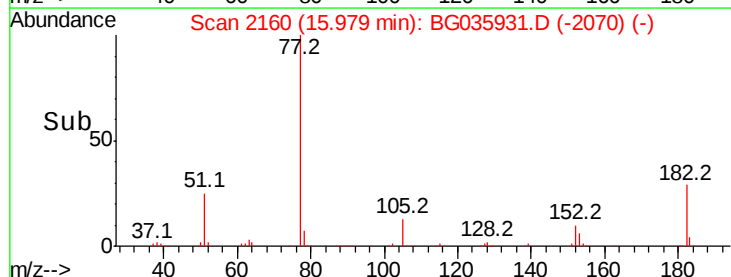
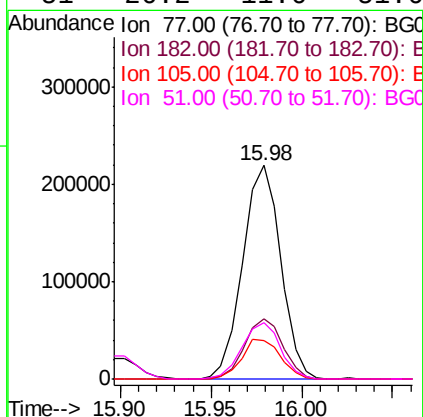
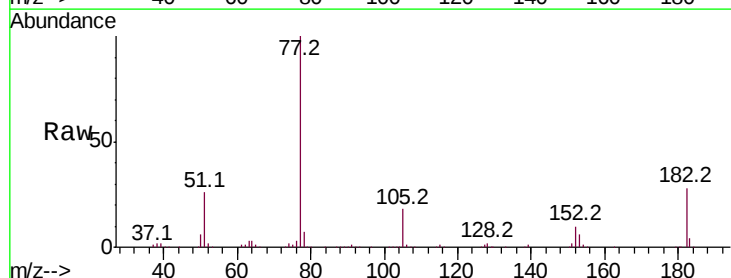
Instrument :
BNA_G
ClientSampleId :

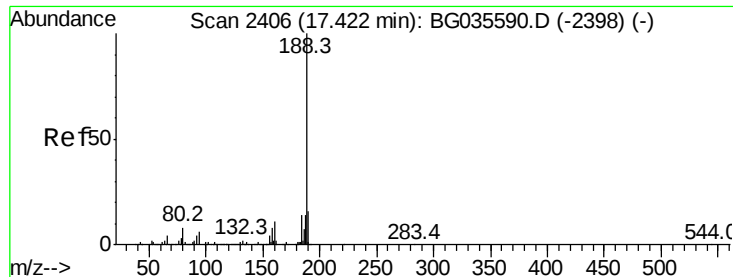
Tot Ion:138 Resp: 74515
Ion Ratio Lower Upper
138 100
92 57.4 40.1 80.1
108 105.2 65.4 105.4



#62
Azobenzene
Concen: 39.535 ng
RT: 15.98 min Scan# 2160
Delta R.T. 0.00 min
Lab File: BG035931.D
Acq: 27 Jul 2018 10:54

Tgt Ion: 77 Resp: 318111
Ion Ratio Lower Upper
77 100
182 28.2 7.4 47.4
105 18.3 0.3 40.3
51 26.2 11.6 51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2401

Delta R.T. 0.00 min

Lab File: BG035931.D

Acq: 27 Jul 2018 10:54

Instrument :

BNA_G

ClientSampleId :

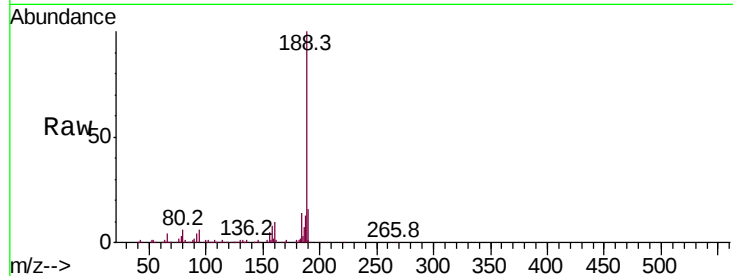
Tot Ion:188 Resp: 268546

Ion Ratio Lower Upper

188 100

94 6.3 6.9 10.3#

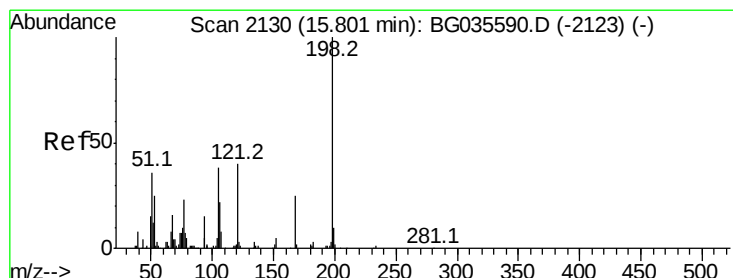
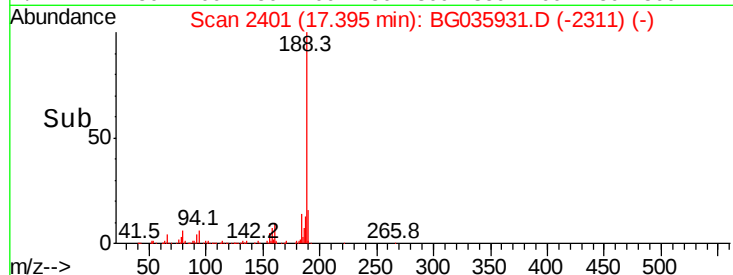
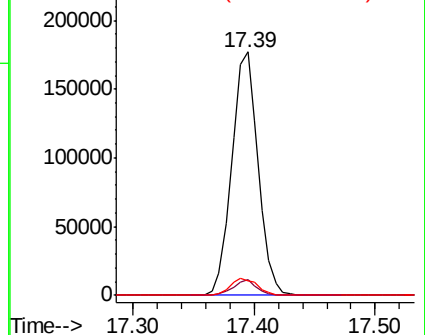
80 5.7 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#64

4,6-Dinitro-2-methylphenol

Concen: 42.178 ng

RT: 15.77 min Scan# 2125

Delta R.T. -0.01 min

Lab File: BG035931.D

Acq: 27 Jul 2018 10:54

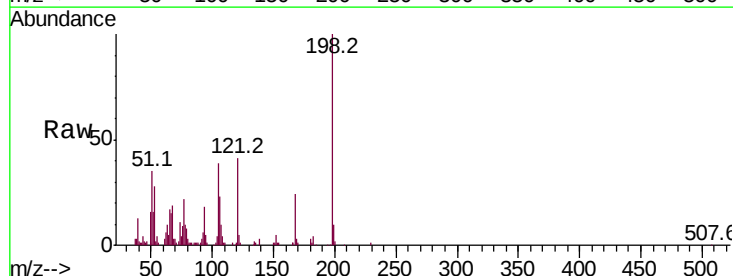
Tgt Ion:198 Resp: 63052

Ion Ratio Lower Upper

198 100

51 34.7 30.6 70.6

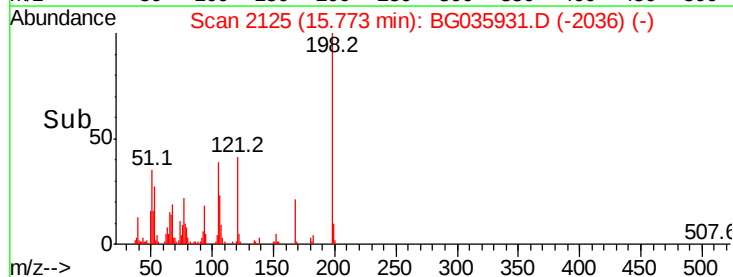
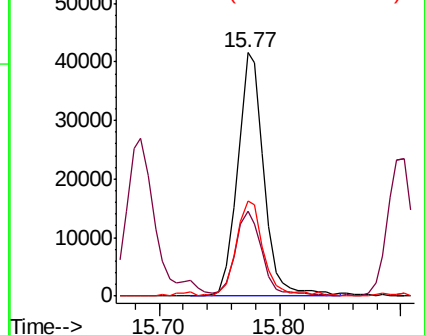
105 39.2 23.8 63.8

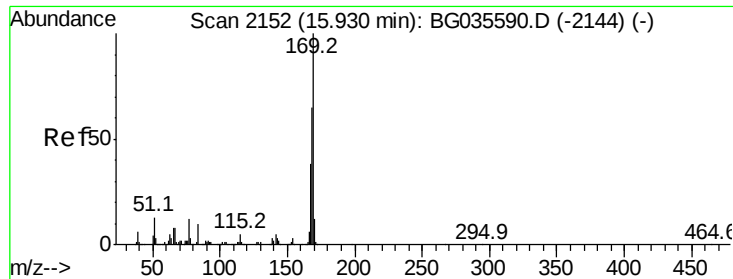


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 37.128 ng

RT: 15.90 min Scan# 2147

Delta R.T. 0.00 min

Lab File: BG035931.D

Acq: 27 Jul 2018 10:54

Instrument :

BNA_G

ClientSampleId :

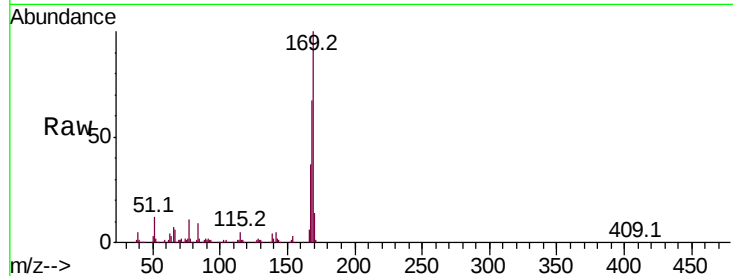
Tot Ion:169 Resp: 283799

Ion Ratio Lower Upper

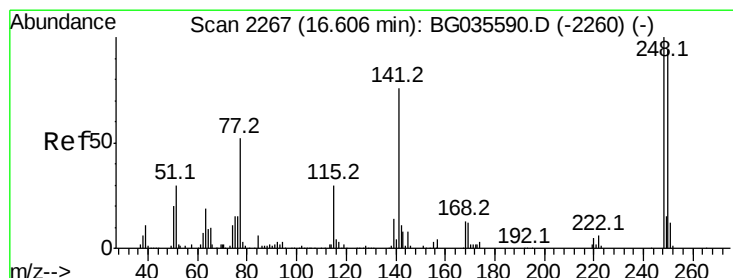
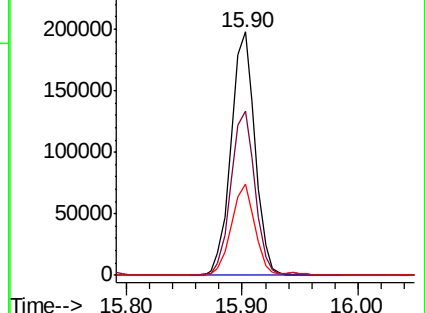
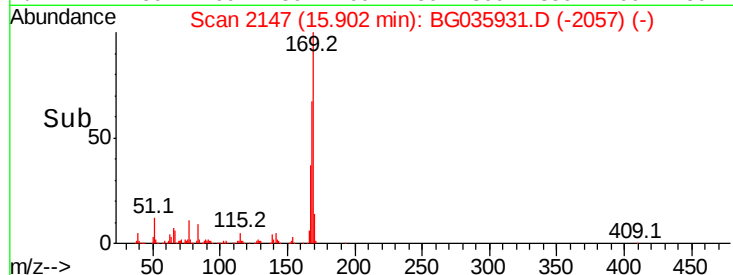
169 100

168 67.5 55.7 83.5

167 37.3 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: 40.303 ng

RT: 16.58 min Scan# 2262

Delta R.T. -0.01 min

Lab File: BG035931.D

Acq: 27 Jul 2018 10:54

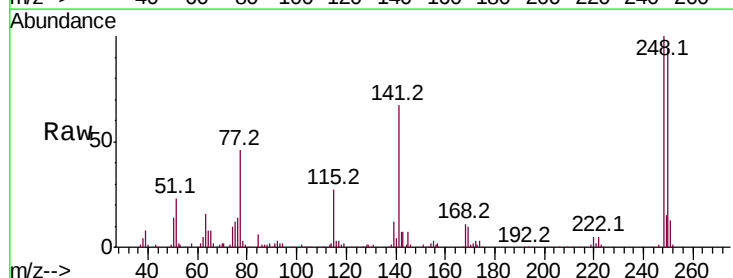
Tgt Ion:248 Resp: 125569

Ion Ratio Lower Upper

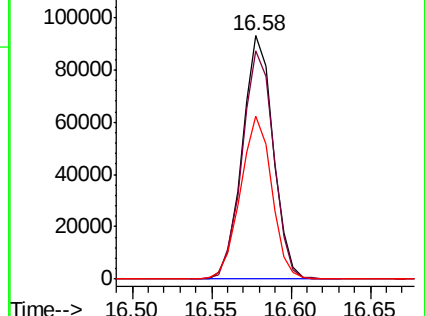
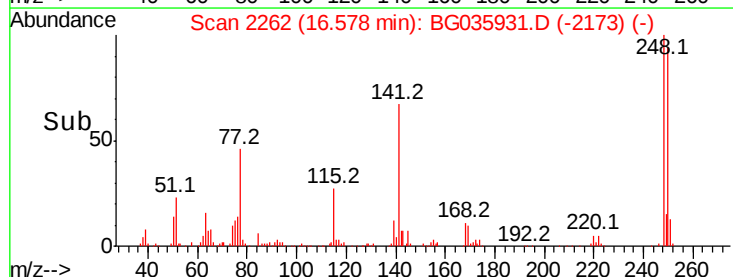
248 100

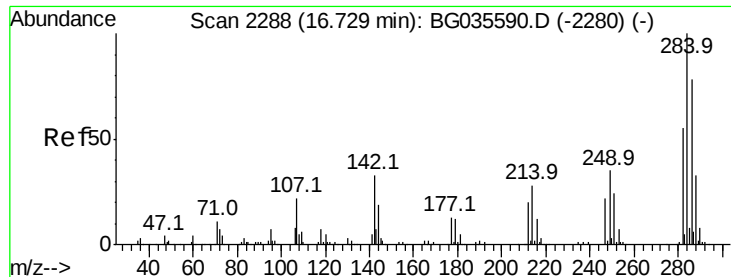
250 93.9 77.1 115.7

141 67.0 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

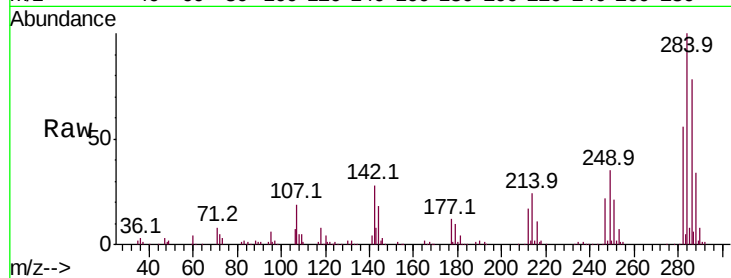




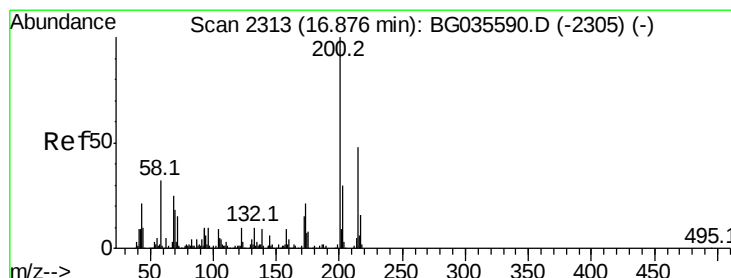
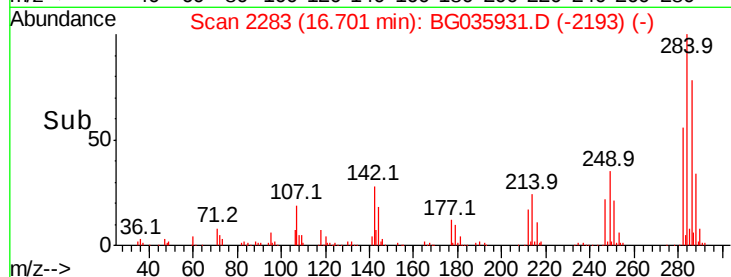
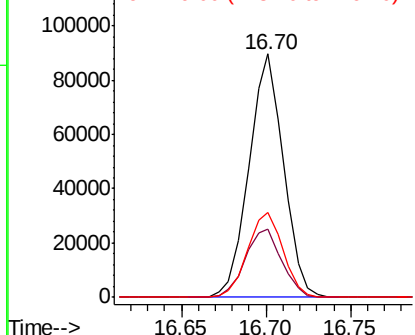
#67
Hexachlorobenzene
Concen: 39.635 ng
RT: 16.70 min Scan# 2283
Delta R.T. 0.00 min
Lab File: BG035931.D
Acq: 27 Jul 2018 10:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	27.8	26.8	40.2
249	35.0	26.3	39.5

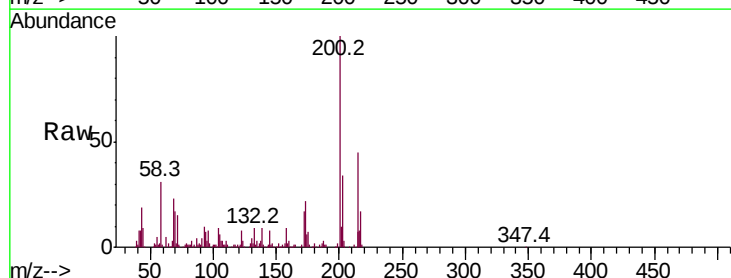


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

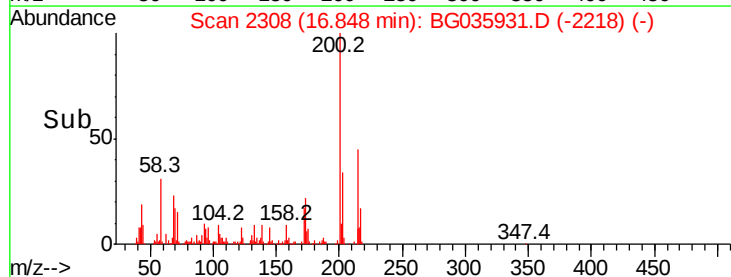
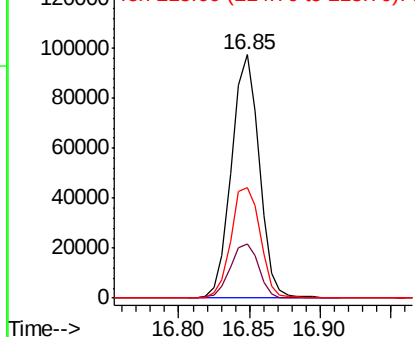


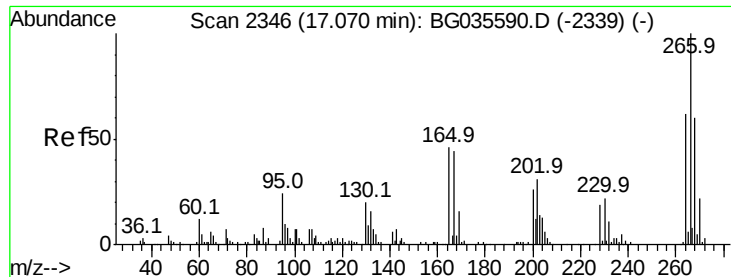
#68
Atrazine
Concen: 42.522 ng
RT: 16.85 min Scan# 2308
Delta R.T. 0.00 min
Lab File: BG035931.D
Acq: 27 Jul 2018 10:54

Tgt Ion	Ratio	Lower	Upper
200	100		
173	22.4	5.2	45.2
215	45.3	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

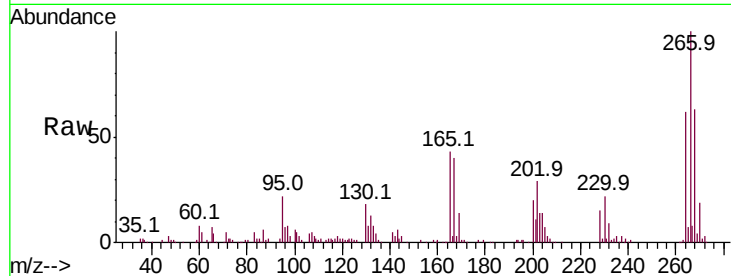




#69
 Pentachlorophenol
 Concen: 63.734 ng
 RT: 17.05 min Scan# 2342
 Delta R.T. 0.00 min
 Lab File: BG035931.D
 Acq: 27 Jul 2018 10:54

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.1	51.1	76.7
264	62.5	49.6	74.4

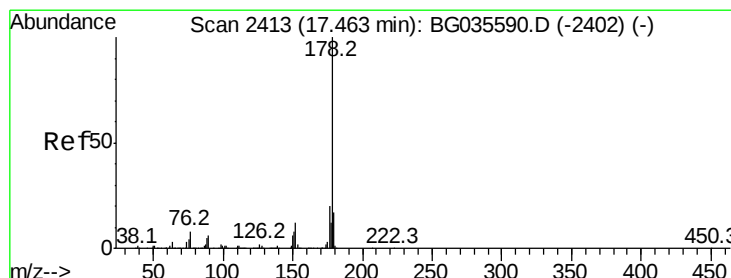
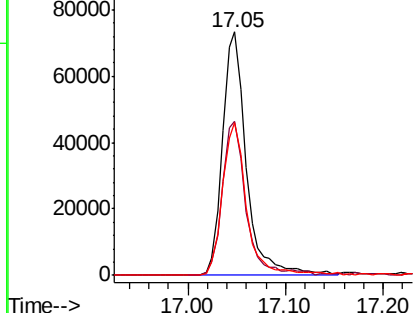
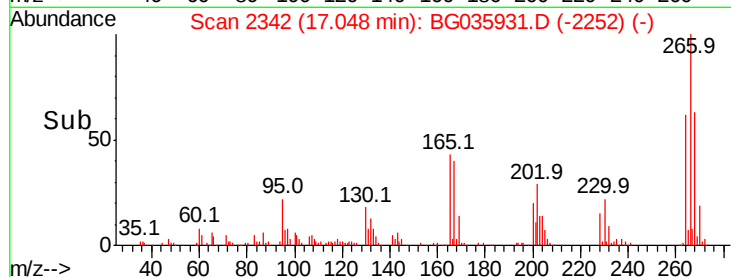


Abundance

Ion 265.70 (265.40 to 266.40): E

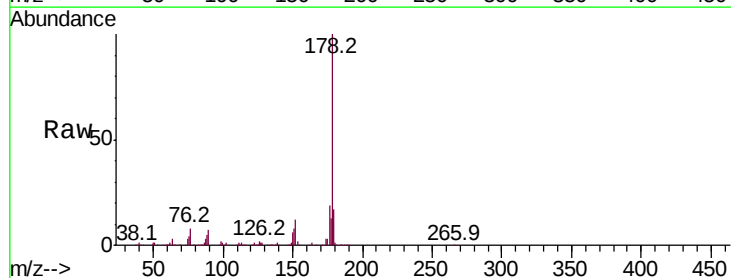
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 40.175 ng
 RT: 17.44 min Scan# 2408
 Delta R.T. -0.01 min
 Lab File: BG035931.D
 Acq: 27 Jul 2018 10:54

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.7	23.5
179	16.6	12.5	18.7

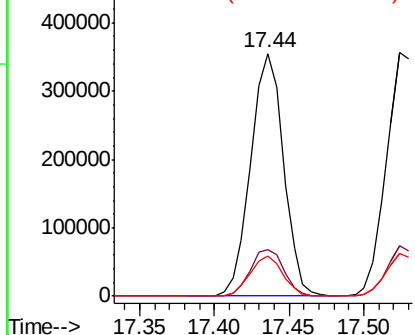
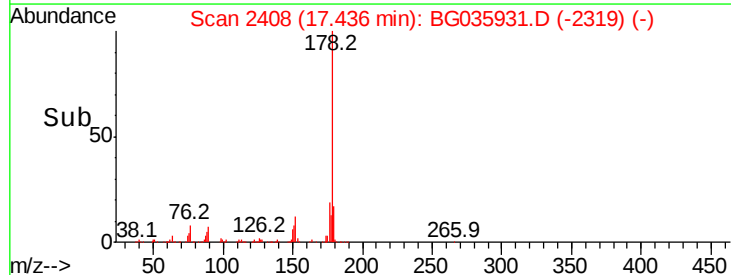


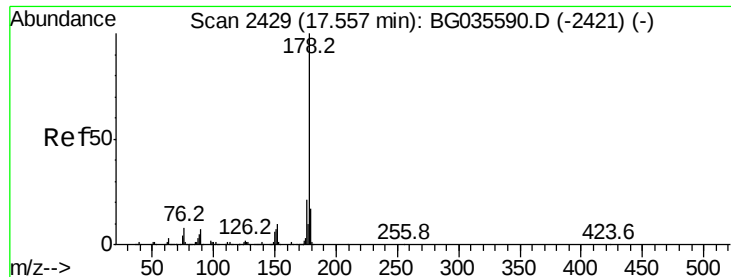
Abundance

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

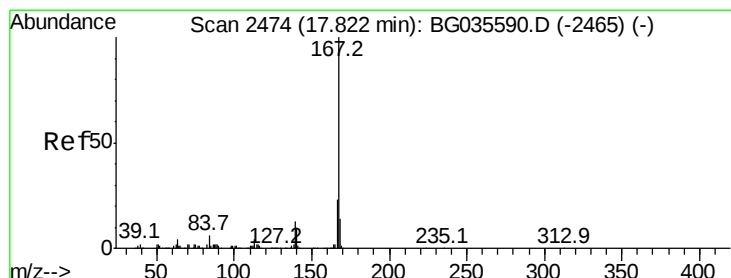
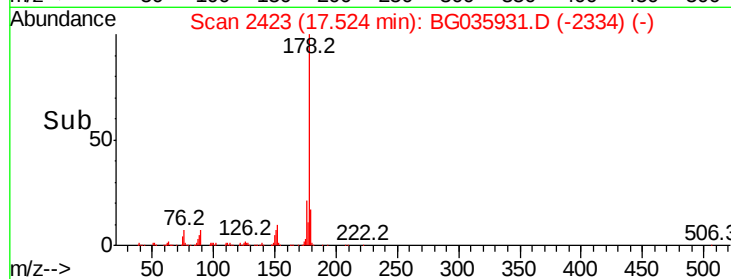
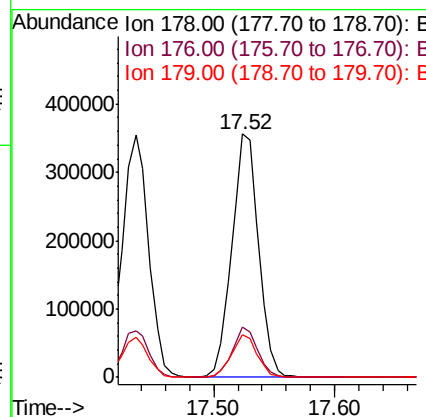
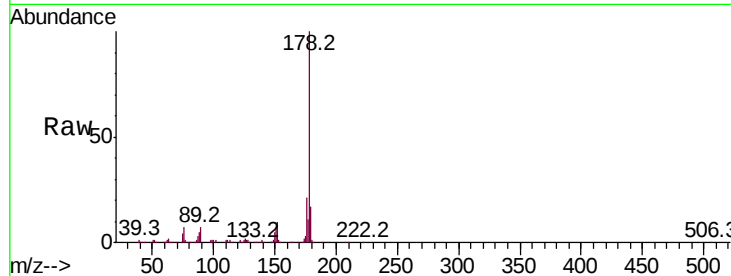




#71
 Anthracene
 Concen: 40.866 ng
 RT: 17.52 min Scan# 2423
 Delta R.T. -0.01 min
 Lab File: BG035931.D
 Acq: 27 Jul 2018 10:54

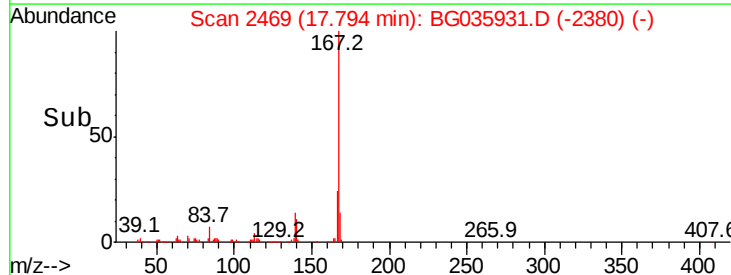
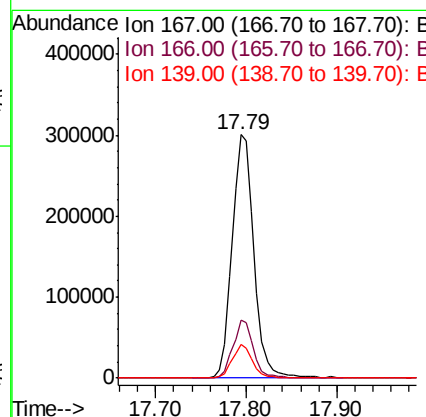
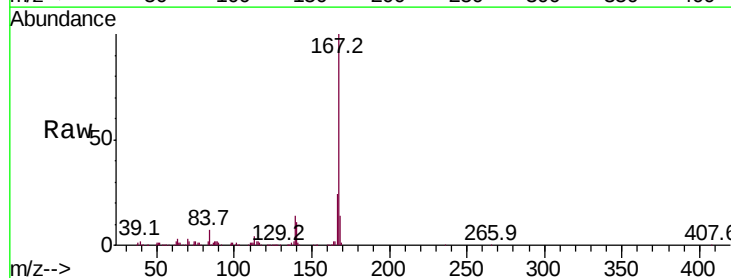
Instrument :
 BNA_G
 ClientSampleId :

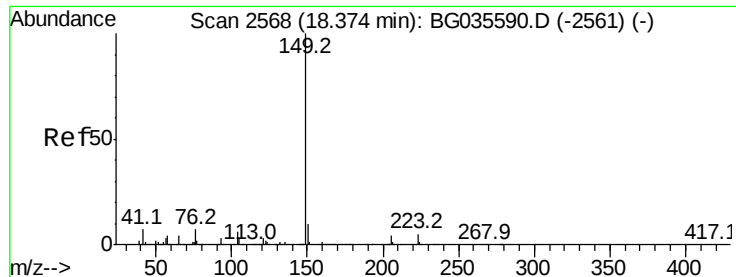
Tot Ion:178 Resp: 545258
 Ion Ratio Lower Upper
 178 100
 176 20.5 16.0 24.0
 179 17.4 12.5 18.7



#72
 Carbazole
 Concen: 39.646 ng
 RT: 17.79 min Scan# 2469
 Delta R.T. -0.01 min
 Lab File: BG035931.D
 Acq: 27 Jul 2018 10:54

Tgt Ion:167 Resp: 502363
 Ion Ratio Lower Upper
 167 100
 166 23.7 18.2 27.4
 139 13.7 9.4 14.2

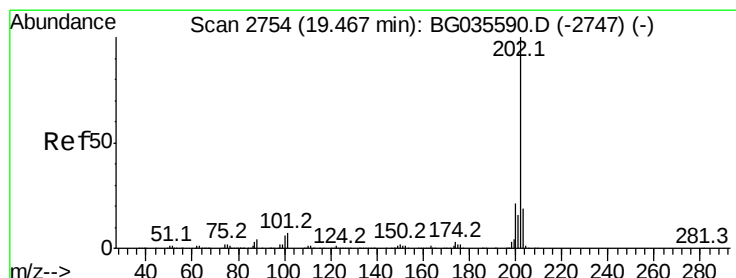
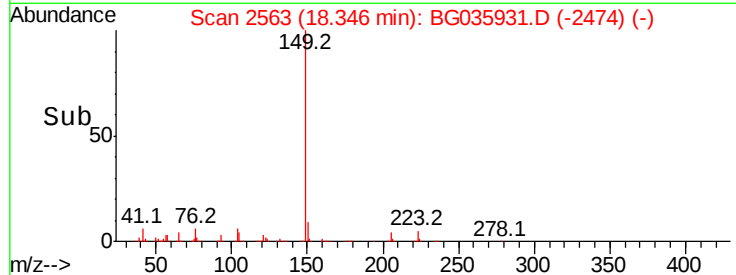
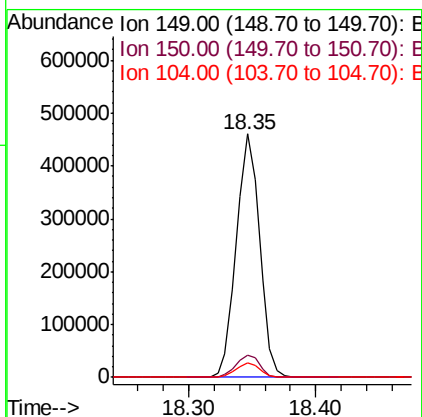
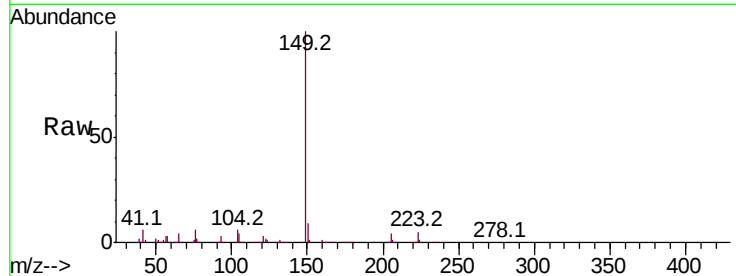




#73
Di-n-butylphthalate
Concen: 38.871 ng
RT: 18.35 min Scan# 2563
Delta R.T. -0.01 min
Lab File: BG035931.D
Acq: 27 Jul 2018 10:54

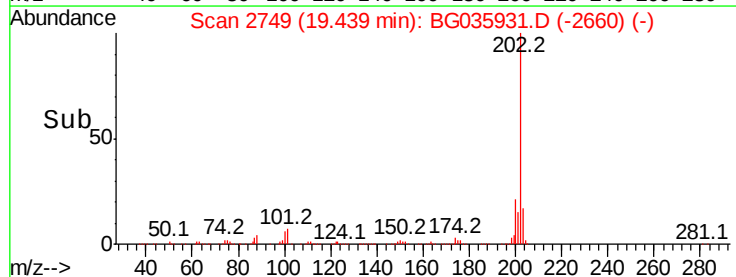
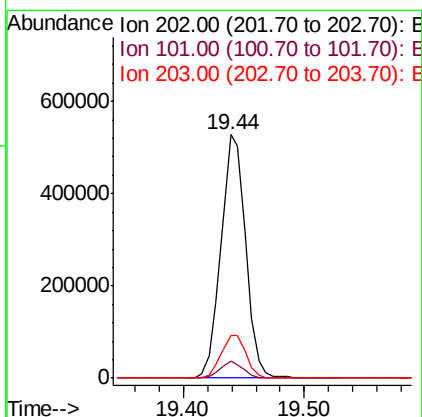
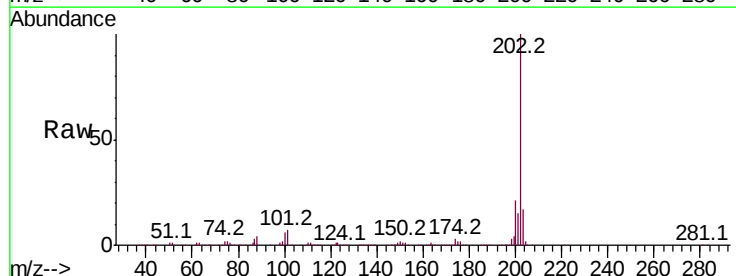
Instrument :
BNA_G
ClientSampleId :

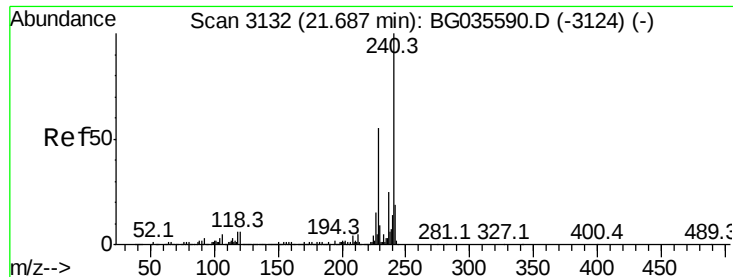
Tot Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.8	11.6
104	5.8	3.9	5.9



#74
Fluoranthene
Concen: 41.092 ng
RT: 19.44 min Scan# 2749
Delta R.T. -0.01 min
Lab File: BG035931.D
Acq: 27 Jul 2018 10:54

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.0	0.0	28.9
203	17.4	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.65 min Scan# 3126

Delta R.T. -0.01 min

Lab File: BG035931.D

Acq: 27 Jul 2018 10:54

Instrument :

BNA_G

ClientSampleId :

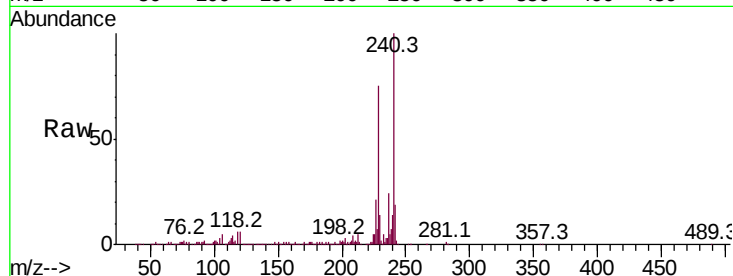
Tot Ion:240 Resp: 297117

Ion Ratio Lower Upper

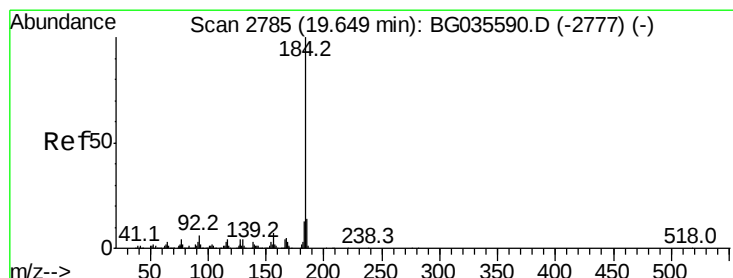
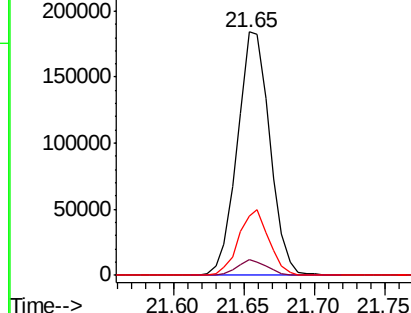
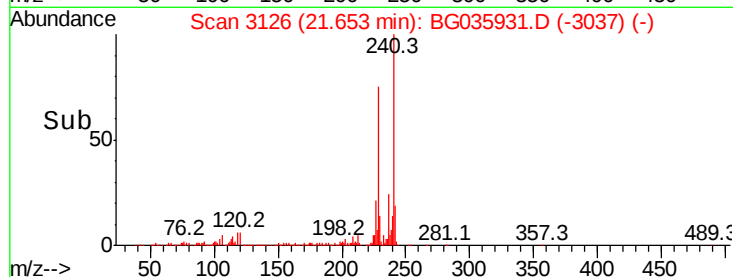
240 100

120 6.4 6.8 10.2#

236 24.1 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E
250000
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 34.148 ng

RT: 19.62 min Scan# 2780

Delta R.T. -0.01 min

Lab File: BG035931.D

Acq: 27 Jul 2018 10:54

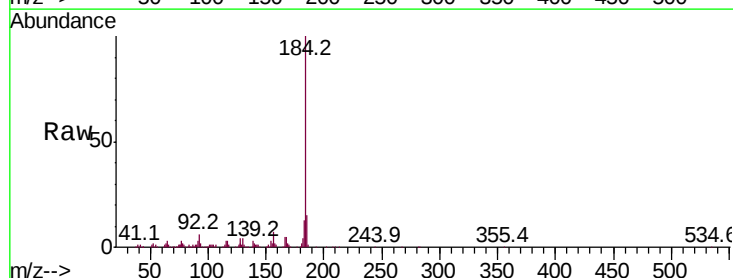
Tgt Ion:184 Resp: 266741

Ion Ratio Lower Upper

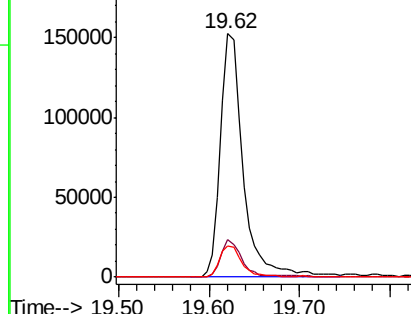
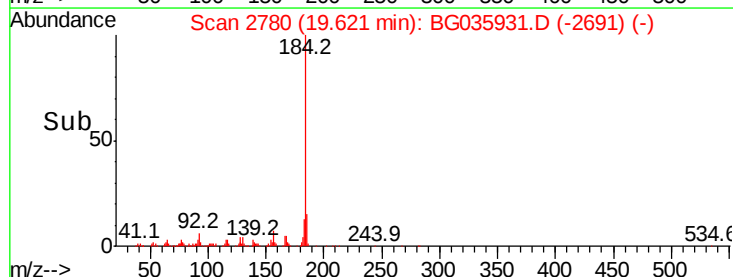
184 100

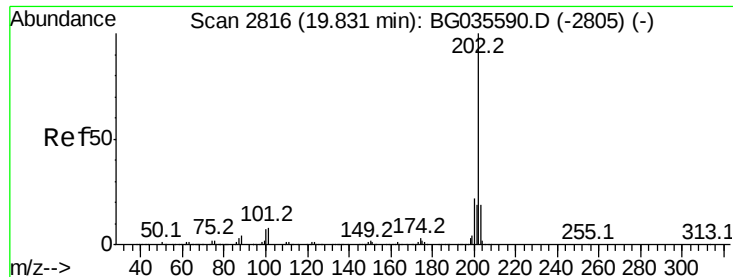
185 15.5 11.1 16.7

183 12.9 10.6 16.0



Abundance Ion 184.00 (183.70 to 184.70): E
200000
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 38.869 ng

RT: 19.80 min Scan# 2811

Delta R.T. -0.01 min

Lab File: BG035931.D

Acq: 27 Jul 2018 10:54

Instrument :

BNA_G

ClientSampleId :

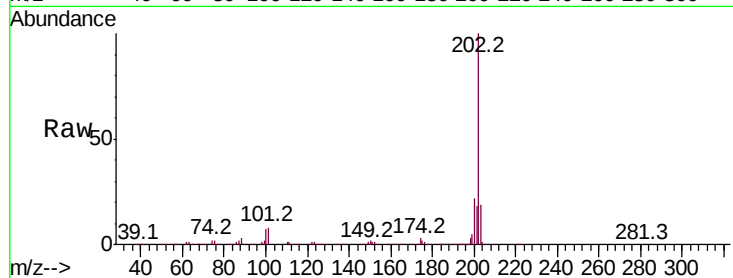
Tot Ion:202 Resp: 730233

Ion Ratio Lower Upper

202 100

200 21.6 16.9 25.3

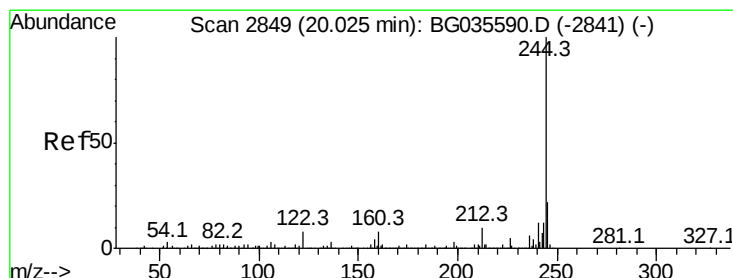
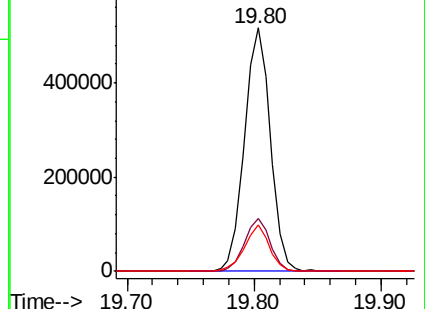
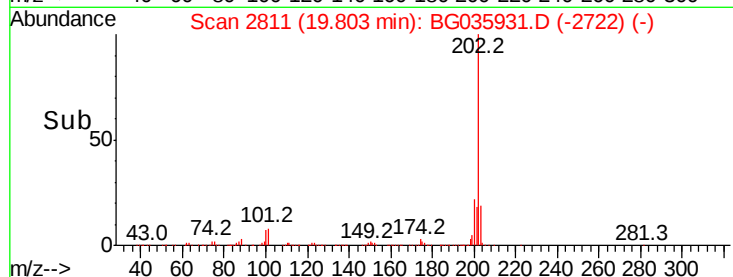
203 18.9 13.9 20.9



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: 86.634 ng

RT: 20.00 min Scan# 2844

Delta R.T. -0.01 min

Lab File: BG035931.D

Acq: 27 Jul 2018 10:54

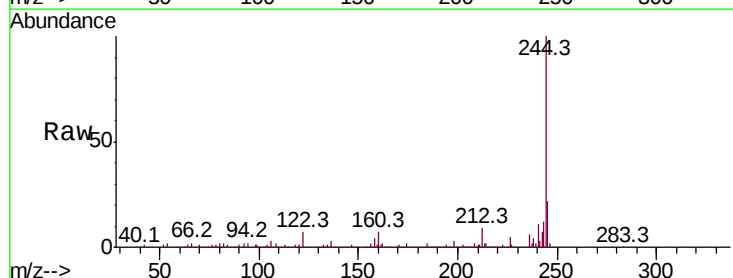
Tgt Ion:244 Resp: 1167741

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

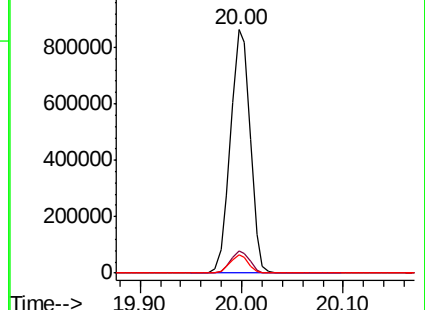
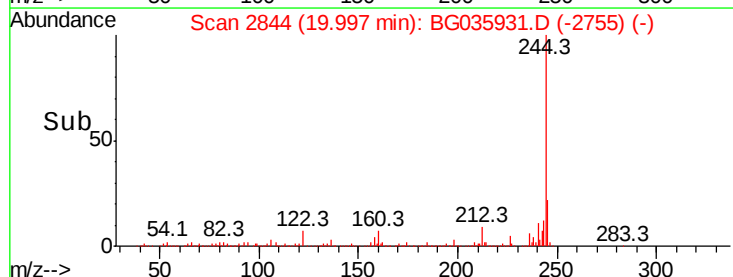
122 7.3 7.0 10.4

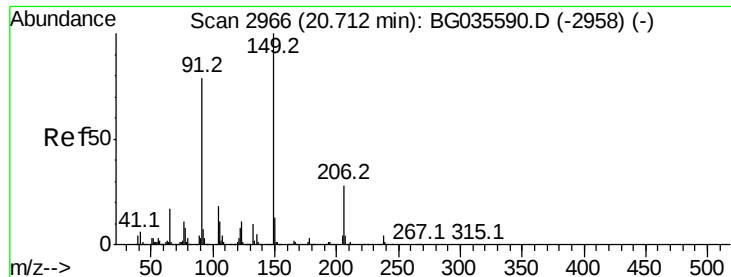


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 39.901 ng

RT: 20.68 min Scan# 2961

Delta R.T. 0.00 min

Lab File: BG035931.D

Acq: 27 Jul 2018 10:54

Instrument :

BNA_G

ClientSampleId :

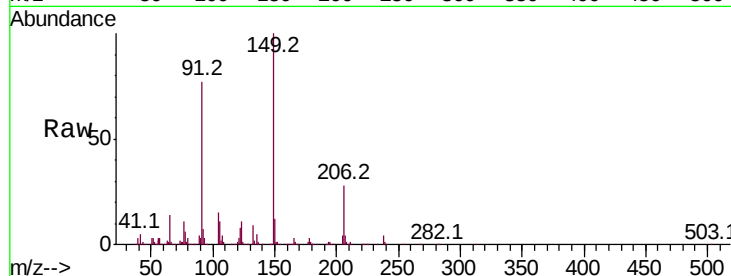
Tot Ion:149 Resp: 268069

Ion Ratio Lower Upper

149 100

91 76.6 62.2 93.2

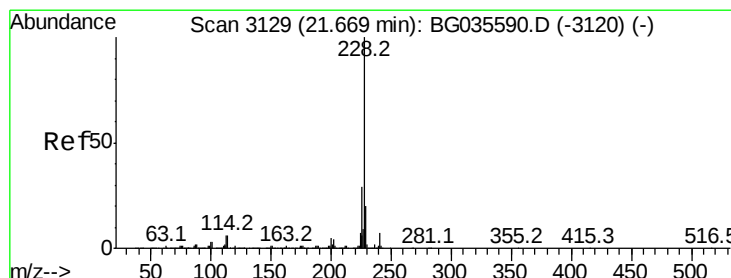
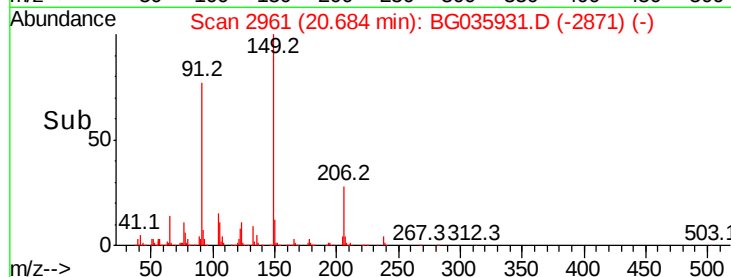
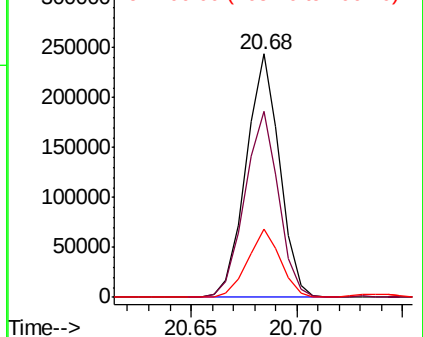
206 27.9 18.6 27.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 39.694 ng

RT: 21.64 min Scan# 3123

Delta R.T. -0.01 min

Lab File: BG035931.D

Acq: 27 Jul 2018 10:54

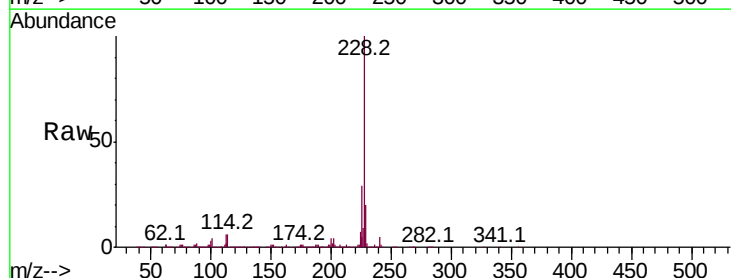
Tgt Ion:228 Resp: 734961

Ion Ratio Lower Upper

228 100

226 28.6 22.7 34.1

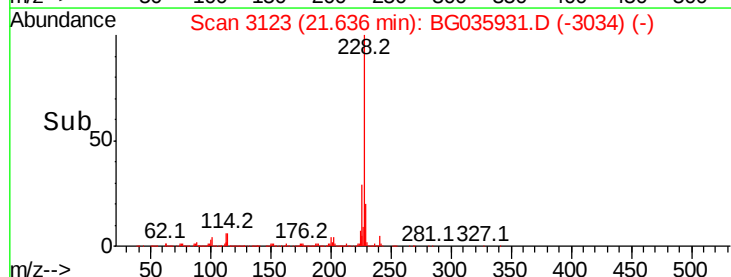
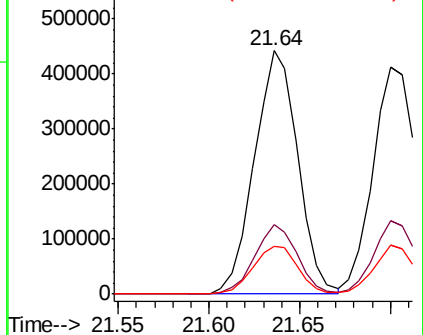
229 19.7 16.2 24.2

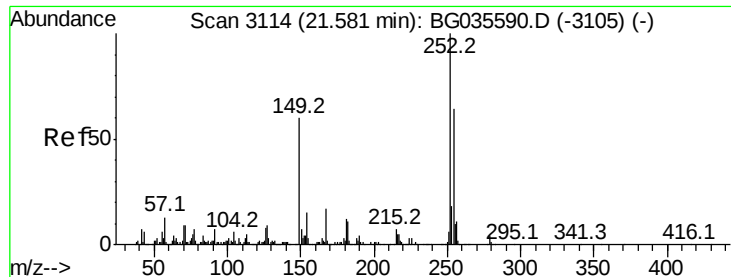


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

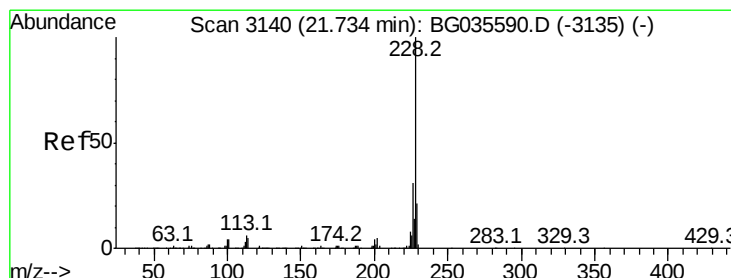
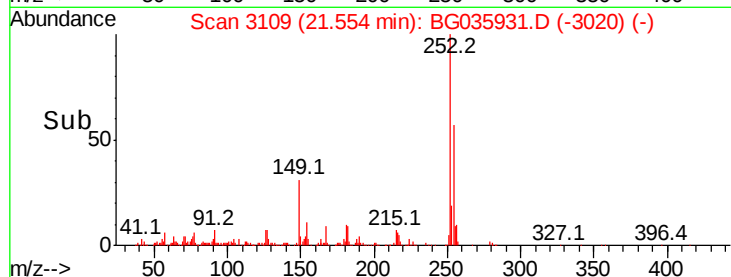
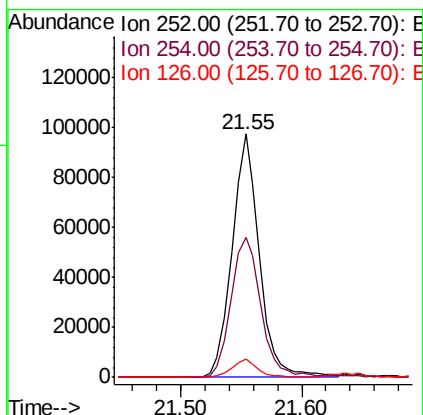
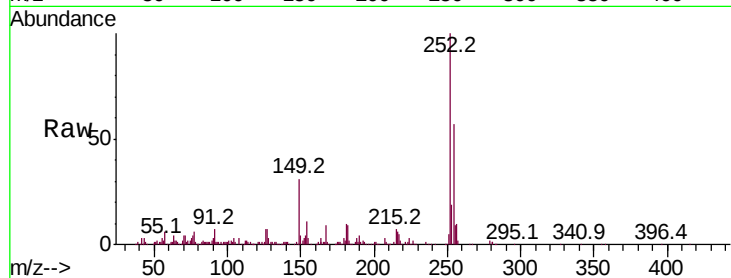




#81
 3,3'-Dichlorobenzidine
 Concen: 23.702 ng
 RT: 21.55 min Scan# 3109
 Delta R.T. -0.01 min
 Lab File: BG035931.D
 Acq: 27 Jul 2018 10:54

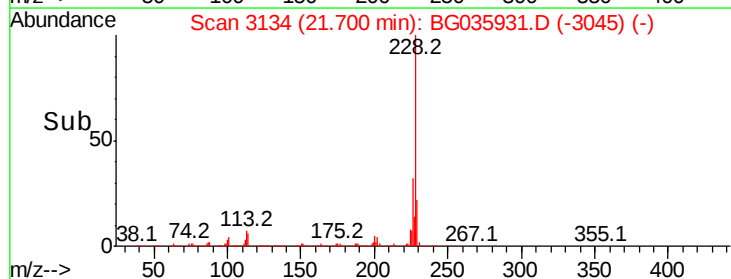
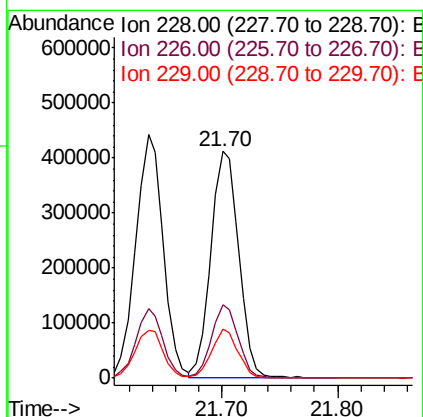
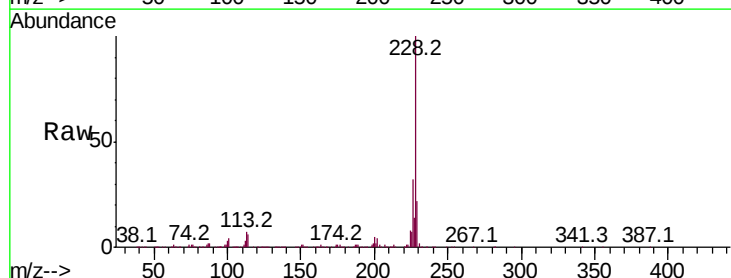
Instrument :
 BNA_G
 ClientSampleId :

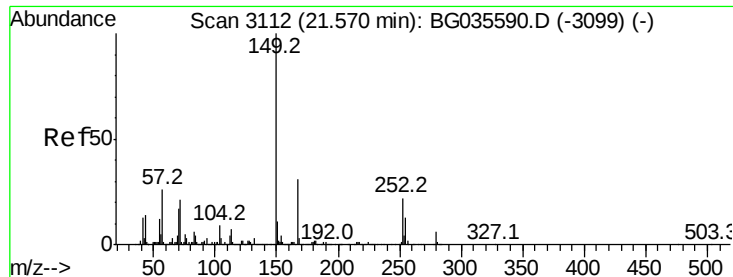
Tot Ion:252 Resp: 153021
 Ion Ratio Lower Upper
 252 100
 254 57.3 50.8 76.2
 126 7.4 7.4 11.2#



#82
 Chrysene
 Concen: 40.039 ng
 RT: 21.70 min Scan# 3134
 Delta R.T. -0.01 min
 Lab File: BG035931.D
 Acq: 27 Jul 2018 10:54

Tgt Ion:228 Resp: 686979
 Ion Ratio Lower Upper
 228 100
 226 32.2 24.9 37.3
 229 21.6 15.0 22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.260 ng

RT: 21.54 min Scan# 3106

Delta R.T. -0.01 min

Lab File: BG035931.D

Acq: 27 Jul 2018 10:54

Instrument :

BNA_G

ClientSampleId :

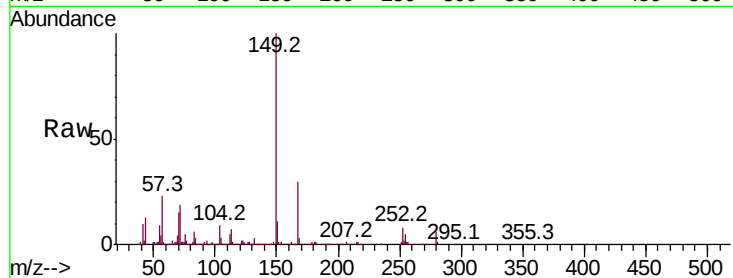
Tot Ion:149 Resp: 376849

Ion Ratio Lower Upper

149 100

167 29.6 24.3 36.5

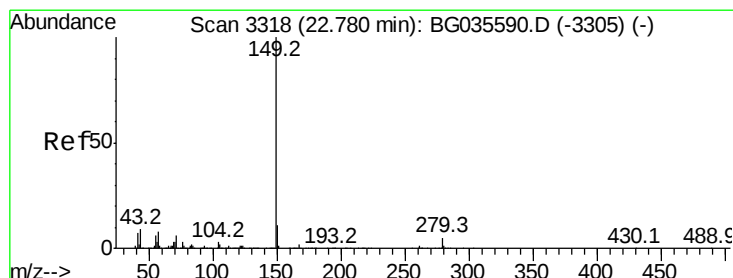
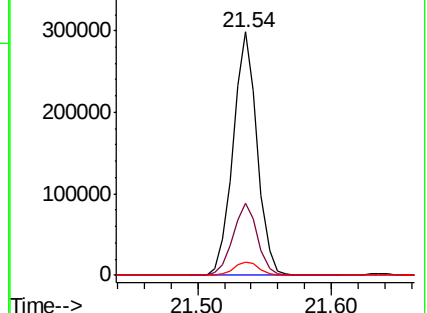
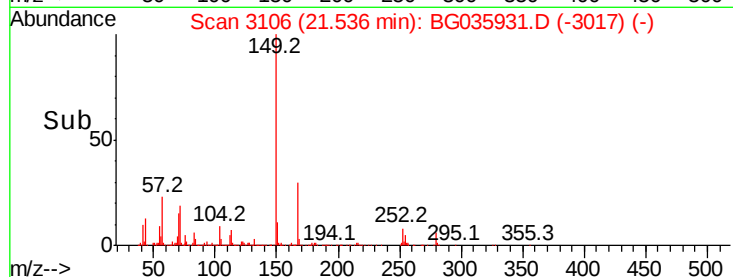
279 5.6 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 41.953 ng

RT: 22.73 min Scan# 3310

Delta R.T. -0.01 min

Lab File: BG035931.D

Acq: 27 Jul 2018 10:54

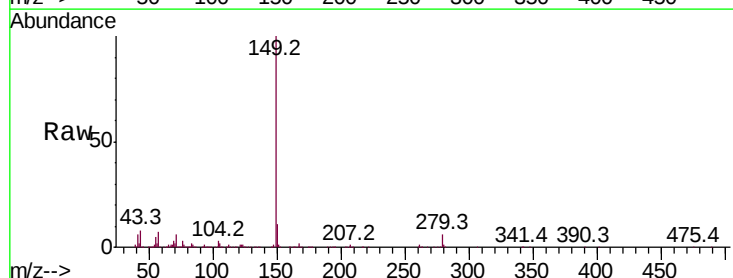
Tgt Ion:149 Resp: 641590

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

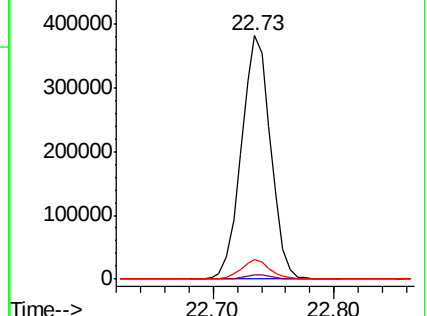
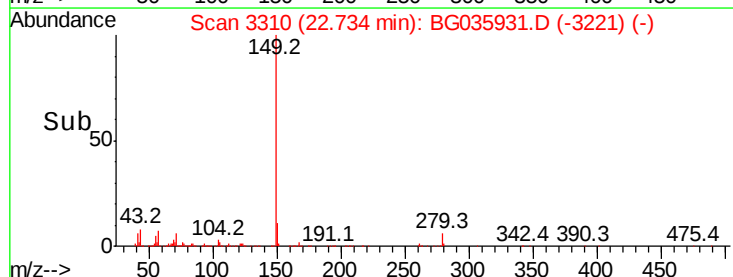
43 7.8 8.9 13.3#

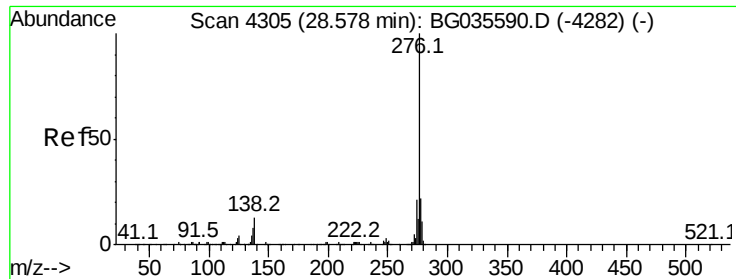


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC





#85

Indeno(1,2,3-cd)pyrene

Concen: 41.318 ng

RT: 28.49 min Scan# 4290

Delta R.T. -0.01 min

Lab File: BG035931.D

Acq: 27 Jul 2018 10:54

Instrument :

BNA_G

ClientSampleId :

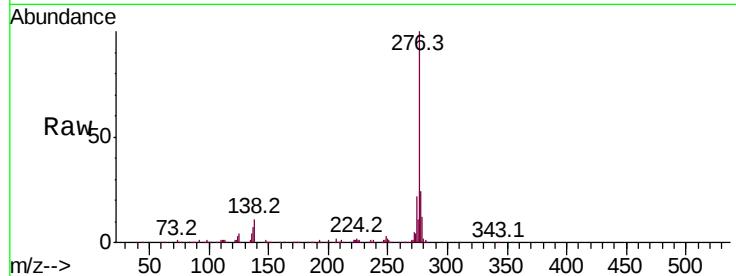
Tot Ion:276 Resp: 784877

Ion Ratio Lower Upper

276 100

138 6.5 16.0 24.0#

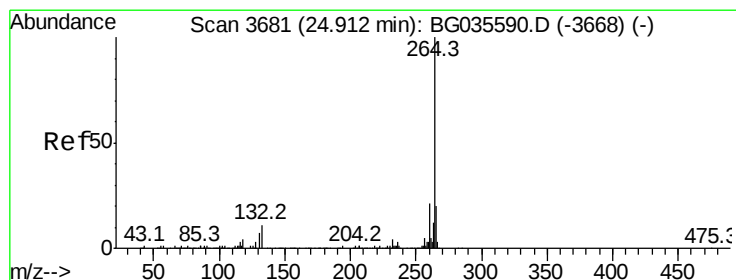
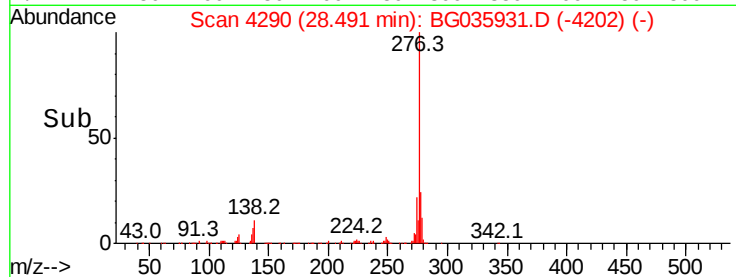
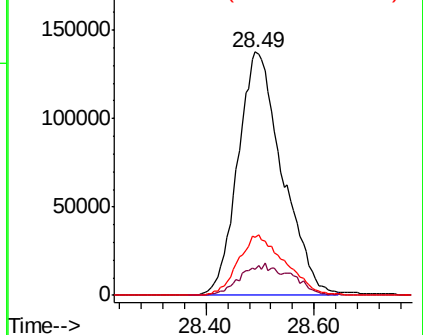
277 26.2 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.85 min Scan# 3671

Delta R.T. -0.01 min

Lab File: BG035931.D

Acq: 27 Jul 2018 10:54

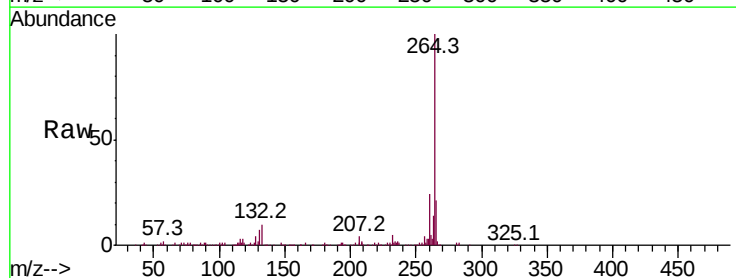
Tgt Ion:264 Resp: 287361

Ion Ratio Lower Upper

264 100

260 23.9 17.4 26.0

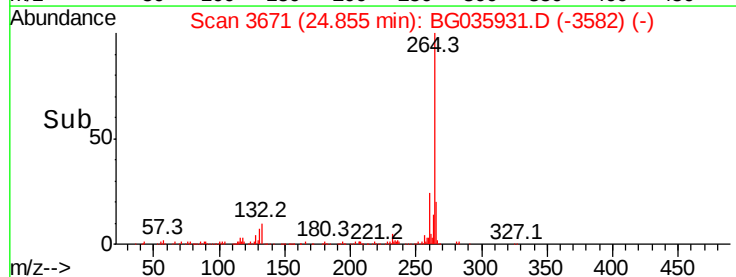
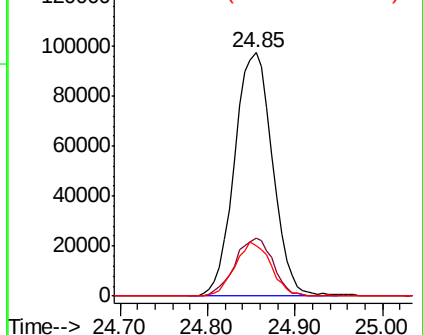
265 20.6 17.7 26.5

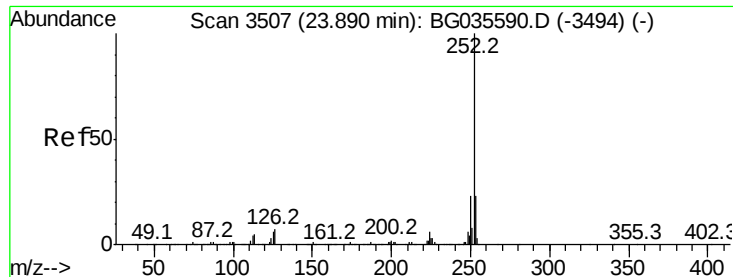


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 41.064 ng

RT: 23.84 min Scan# 3498

Delta R.T. -0.01 min

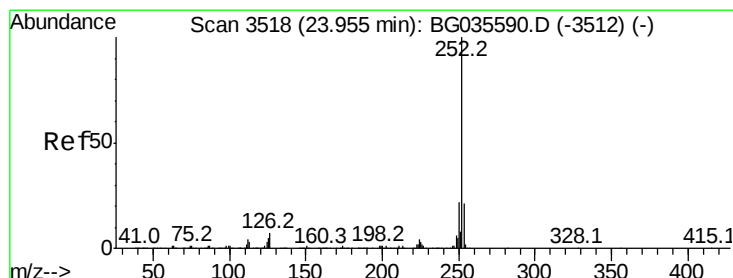
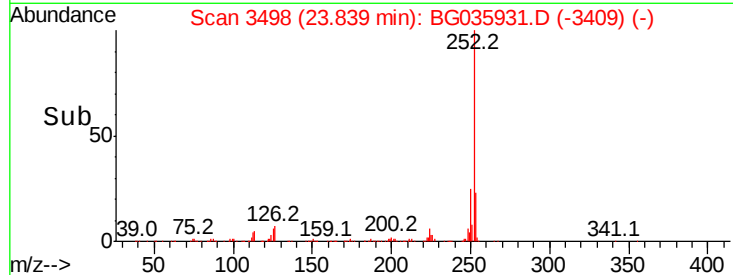
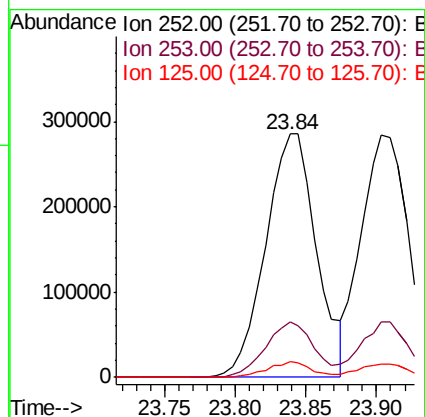
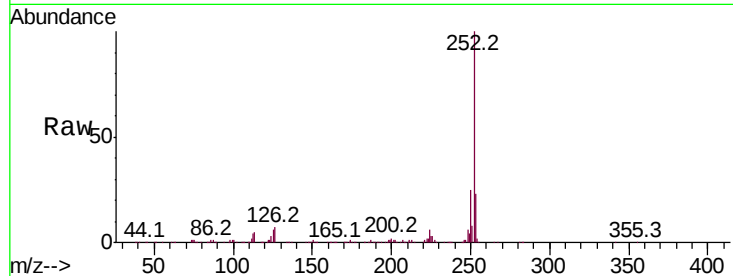
Lab File: BG035931.D

Acq: 27 Jul 2018 10:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion:252 Resp: 717208

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.4
125	6.2	7.2	10.8#



#88

Benzo(k)fluoranthene

Concen: 39.080 ng

RT: 23.90 min Scan# 3509

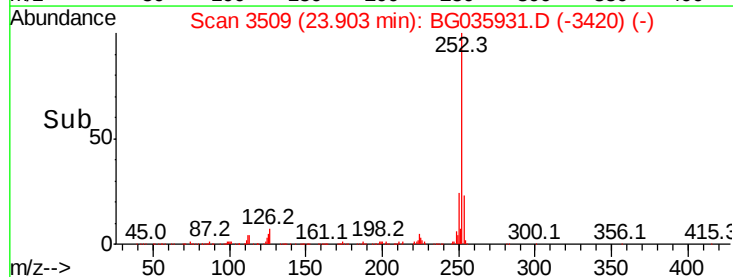
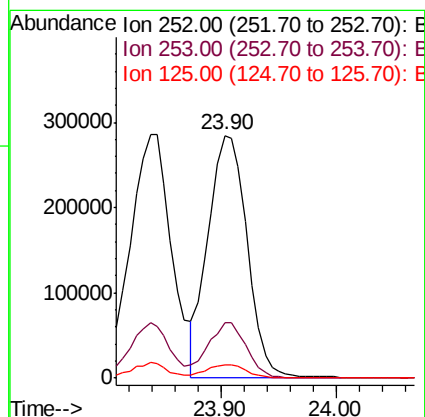
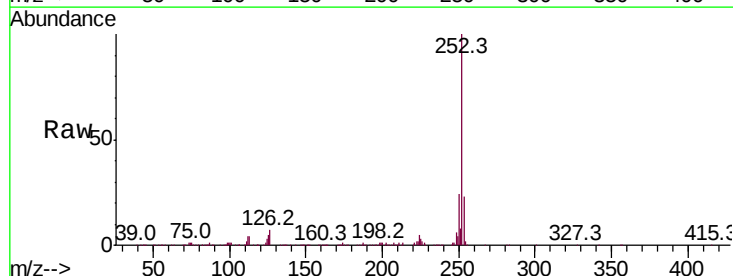
Delta R.T. -0.01 min

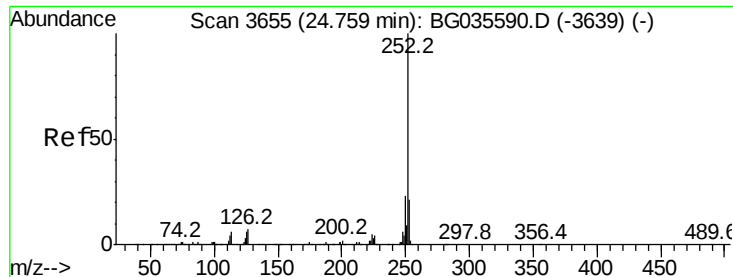
Lab File: BG035931.D

Acq: 27 Jul 2018 10:54

Tgt Ion:252 Resp: 667302

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.2
125	5.5	6.6	9.8#

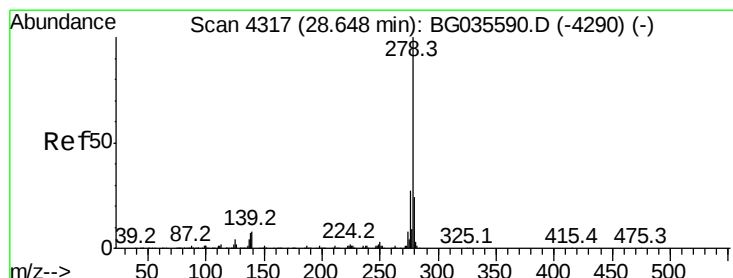
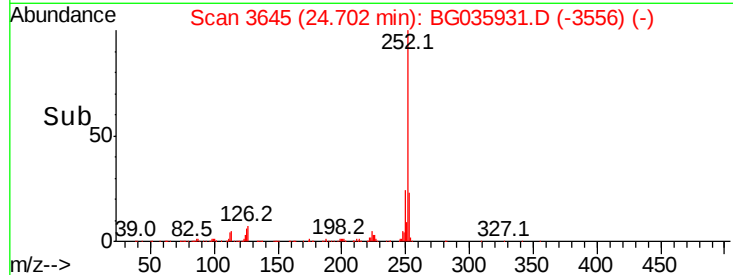
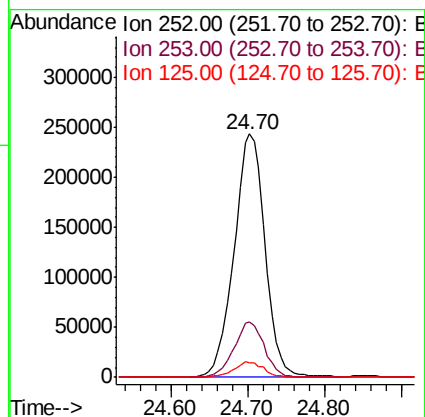
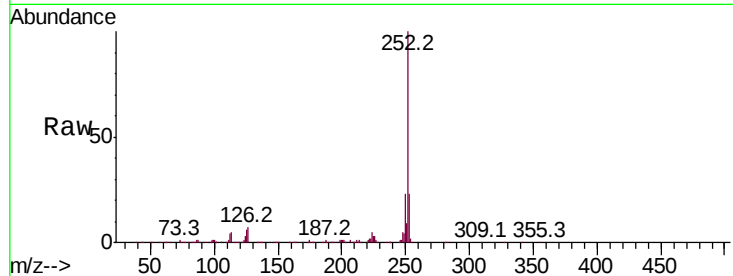




#89
Benzo(a)pyrene
Concen: 42.093 ng
RT: 24.70 min Scan# 3645
Delta R.T. -0.01 min
Lab File: BG035931.D
Acq: 27 Jul 2018 10:54

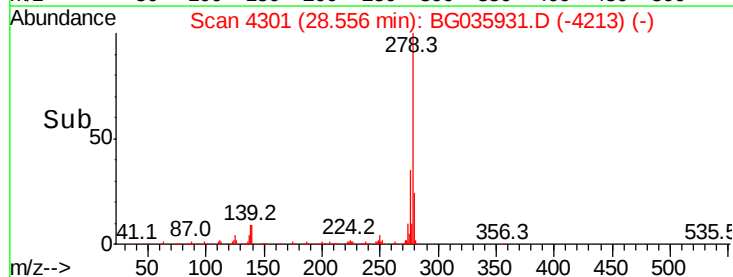
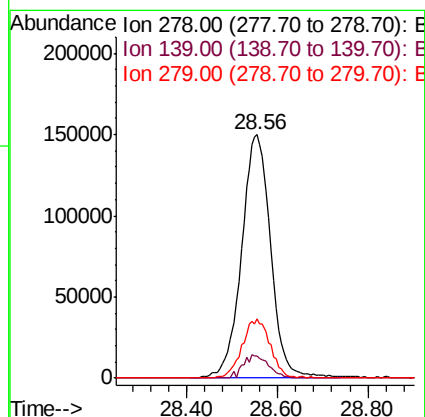
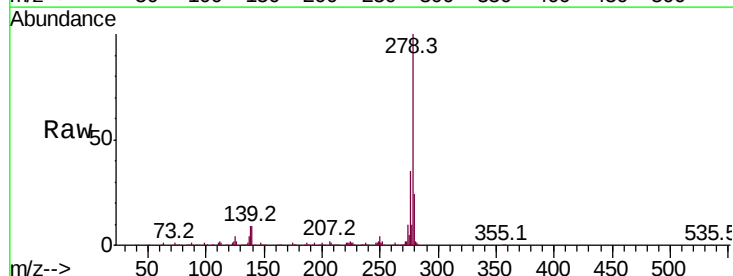
Instrument :
BNA_G
ClientSampleId :

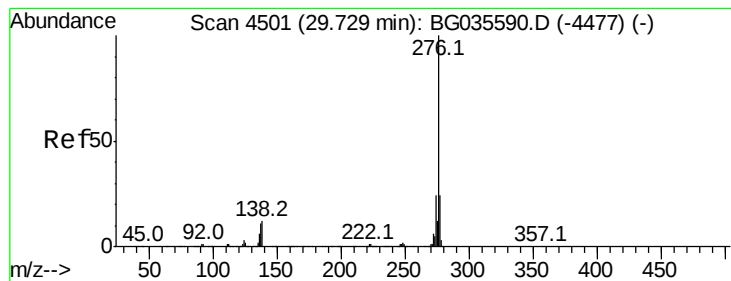
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.3	27.5
125	5.9	7.3	10.9#



#90
Dibenzo(a,h)anthracene
Concen: 41.935 ng
RT: 28.56 min Scan# 4301
Delta R.T. -0.01 min
Lab File: BG035931.D
Acq: 27 Jul 2018 10:54

Tgt Ion	Ratio	Lower	Upper
278	100		
139	9.1	9.8	14.6#
279	24.4	18.4	27.6





#91

Benzo(a,h,i)perylene

Concen: 41.766 ng

RT: 29.63 min Scan# 4483

Delta R.T. -0.01 min

Lab File: BG035931.D

Acq: 27 Jul 2018 10:54

Instrument :

BNA_G

ClientSampleId :

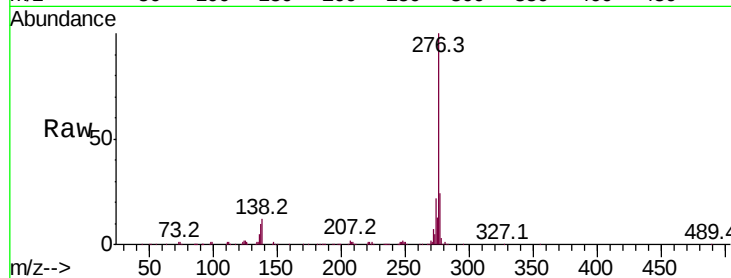
Tot Ion:276 Resp: 651960

Ion Ratio Lower Upper

276 100

277 24.4 18.3 27.5

138 12.5 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

