

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080918\
 Data File : BG036238.D
 Acq On : 9 Aug 2018 18:17
 Operator : JU/SJ
 Sample : PB111897BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 10 04:24:56 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 12:30:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	41974	20.00	ng	-0.02
21) Naphthalene-d8	10.81	136	175713	20.00	ng	-0.03
38) Acenaphthene-d10	14.63	164	132982	20.00	ng	-0.02
63) Phenanthrene-d10	17.38	188	364993	20.00	ng	-0.01
75) Chrysene-d12	21.65	240	402108	20.00	ng	-0.01
86) Perylene-d12	24.83	264	380027	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	246128	97.35	ng	0.00
7) Phenol-d6	7.19	99	362135	96.01	ng	0.00
23) Nitrobenzene-d5	9.17	82	235285	55.94	ng	-0.01
41) 2,4,6-Tribromophenol	16.13	330	178168	101.65	ng	-0.01
44) 2-Fluorobiphenyl	13.26	172	554276	55.84	ng	-0.02
78) Terphenyl-d14	19.98	244	1100024	60.30	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.51	88	28056	21.803	ng	# 75
3) Pyridine	3.90	79	76863	22.881	ng	# 77
4) n-Nitrosodimethylamine	3.82	42	38450	26.657	ng	# 90
6) Aniline	7.34	93	111566	22.819	ng	95
8) 2-Chlorophenol	7.58	128	81452	31.677	ng	96
9) Benzaldehyde	7.15	77	47430	20.493	ng	97
10) Phenol	7.21	94	120355	31.582	ng	84
11) bis(2-Chloroethyl)ether	7.43	93	82124	27.517	ng	91
12) 1,3-Dichlorobenzene	8.04	146	96476	31.070	ng	89
13) 1,4-Dichlorobenzene	8.04	146	96476	30.579	ng	87
14) 1,2-Dichlorobenzene	8.36	146	88691	29.263	ng	89
15) Benzyl Alcohol	8.25	79	92339	26.957	ng	90
16) 2,2'-oxybis(1-Chloropropan	8.53	45	89394	35.728	ng	77
17) 2-Methylphenol	8.46	107	82242	31.741	ng	# 87
18) Hexachloroethane	9.09	117	37266	30.893	ng	90
19) n-Nitroso-di-n-propylamine	8.82	70	76234	24.000	ng	# 82
20) 3+4-Methylphenols	8.79	107	110188	30.655	ng	89
22) Acetophenone	8.83	105	141281	25.856	ng	# 92
24) Nitrobenzene	9.22	77	121382	28.695	ng	93
25) Isophorone	9.73	82	215448	27.593	ng	99
26) 2-Nitrophenol	9.93	139	50034	33.304	ng	# 89
27) 2,4-Dimethylphenol	9.98	122	86101	33.857	ng	91
28) bis(2-Chloroethoxy)methane	10.21	93	113939	26.482	ng	99
29) 2,4-Dichlorophenol	10.47	162	96308	33.176	ng	89
30) 1,2,4-Trichlorobenzene	10.67	180	104591	29.383	ng	95
31) Naphthalene	10.86	128	256796	28.056	ng	97
32) Benzoic acid	10.17	122	23751	13.874	ng	# 90
33) 4-Chloroaniline	10.98	127	66951	16.783	ng	96
34) Hexachlorobutadiene	11.14	225	85579	30.831	ng	94
35) Caprolactam	11.76	113	23010	18.471	ng	# 72
36) 4-Chloro-3-methylphenol	12.10	107	116865	30.034	ng	89
37) 2-Methylnaphthalene	12.46	142	204801	30.033	ng	# 90
39) 1,2,4,5-Tetrachlorobenzene	12.83	216	145812	29.051	ng	98
40) Hexachlorocyclopentadiene	12.80	237	166545	63.270	ng	94

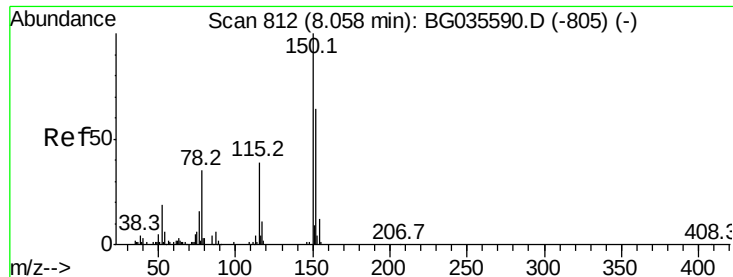
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080918\
 Data File : BG036238.D
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 12:30:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.07	196	91134	31.048	ng	99
43) 2,4,5-Trichlorophenol	13.16	196	97849	29.799	ng	94
45) 1,1'-Biphenyl	13.47	154	279045	27.065	ng	98
46) 2-Chloronaphthalene	13.51	162	223159	27.827	ng	98
47) 2-Nitroaniline	13.72	65	76888	27.119	ng	96
48) Acenaphthylene	14.36	152	367147	27.330	ng	97
49) Dimethylphthalate	14.09	163	307538	26.395	ng	# 98
50) 2,6-Dinitrotoluene	14.21	165	71468	30.122	ng	91
51) Acenaphthene	14.70	154	213774	25.546	ng	98
52) 3-Nitroaniline	14.55	138	50606	20.869	ng	# 97
53) 2,4-Dinitrophenol	14.75	184	58191	50.352	ng	# 74
54) Dibenzofuran	15.03	168	369096	27.733	ng	91
55) 4-Nitrophenol	14.87	139	77045	44.613	ng	# 82
56) 2,4-Dinitrotoluene	15.00	165	104689	30.756	ng	89
57) Fluorene	15.68	166	310987	27.880	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.26	232	101118	32.118	ng	93
59) Diethylphthalate	15.45	149	309759	25.855	ng	99
60) 4-Chlorophenyl-phenylether	15.67	204	179286	27.346	ng	99
61) 4-Nitroaniline	15.71	138	66291	26.133	ng	# 81
62) Azobenzene	15.96	77	314946	26.651	ng	95
64) 4,6-Dinitro-2-methylphenol	15.76	198	57279	28.191	ng	89
65) n-Nitrosodiphenylamine	15.89	169	274746	26.446	ng	98
66) 4-Bromophenyl-phenylether	16.56	248	123419	29.146	ng	93
67) Hexachlorobenzene	16.69	284	125798	28.848	ng	96
68) Atrazine	16.83	200	126410	29.552	ng	95
69) Pentachlorophenol	17.03	266	111446	41.958	ng	95
70) Phenanthrene	17.42	178	501087	27.513	ng	97
71) Anthracene	17.51	178	507441	27.982	ng	97
72) Carbazole	17.79	167	462246	26.840	ng	98
73) Di-n-butylphthalate	18.33	149	534665	26.271	ng	# 97
74) Fluoranthene	19.43	202	675676	27.543	ng	97
76) Benzidine	19.61	184	191891	18.152	ng	97
77) Pyrene	19.79	202	681280	26.795	ng	98
79) Butylbenzylphthalate	20.67	149	250724	27.575	ng	# 97
80) Benzo(a)anthracene	21.62	228	683275	27.267	ng	99
81) 3,3'-Dichlorobenzidine	21.54	252	188748	21.603	ng	# 98
82) Chrysene	21.69	228	645591	27.802	ng	99
83) Bis(2-ethylhexyl)phthalate	21.52	149	343612	27.798	ng	97
84) Di-n-octyl phthalate	22.71	149	589967	28.505	ng	# 92
85) Indeno(1,2,3-cd)pyrene	28.45	276	705433	27.439	ng	# 87
87) Benzo(b)fluoranthene	23.82	252	643740	27.870	ng	# 97
88) Benzo(k)fluoranthene	23.88	252	643918	28.515	ng	# 95
89) Benzo(a)pyrene	24.68	252	622396	28.964	ng	# 96
90) Dibenzo(a,h)anthracene	28.51	278	574540	27.234	ng	# 93
91) Benzo(g,h,i)perylene	29.59	276	591223	28.639	ng	# 93

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

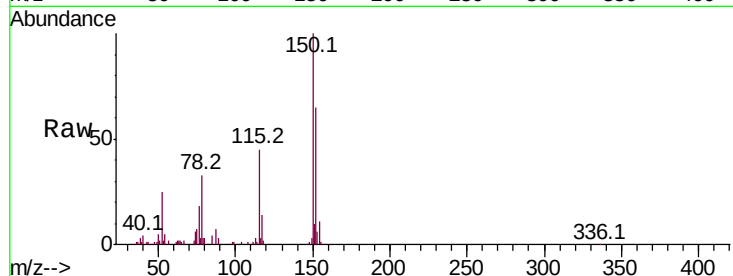


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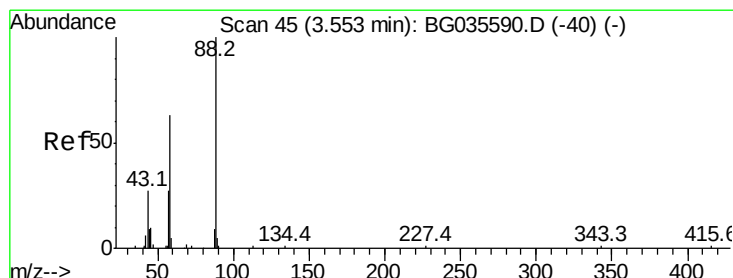
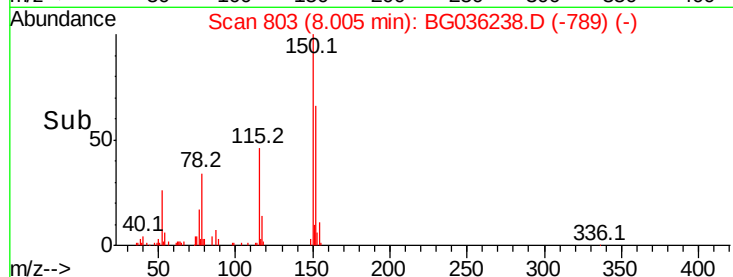
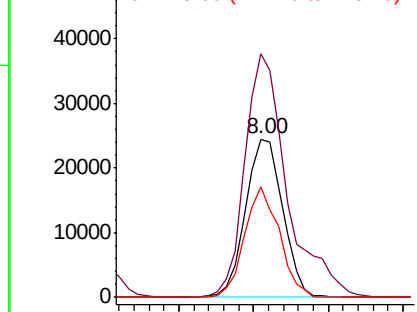
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 803
Delta R.T. -0.02 min
Lab File: BG036238.D
Acq: 9 Aug 2018 18:17

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 41974
Ion Ratio Lower Upper
152 100
150 153.7 126.6 189.8
115 69.6 53.0 79.4



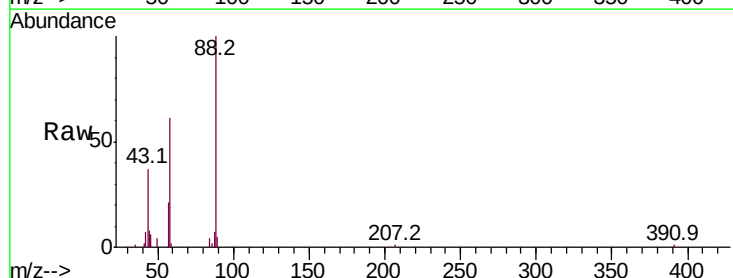
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



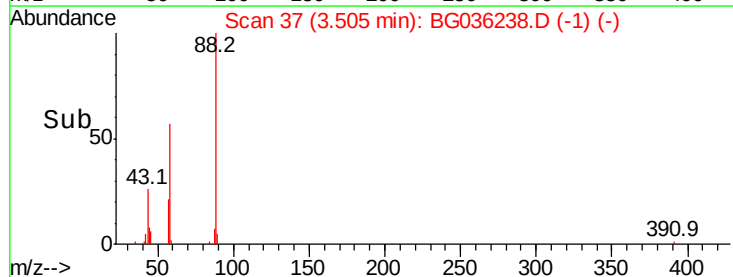
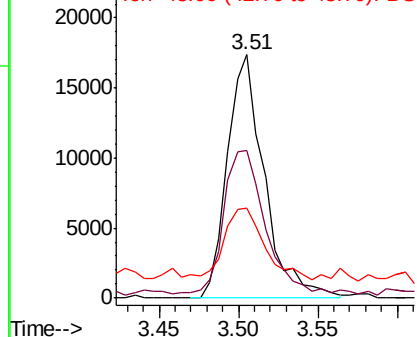
#2

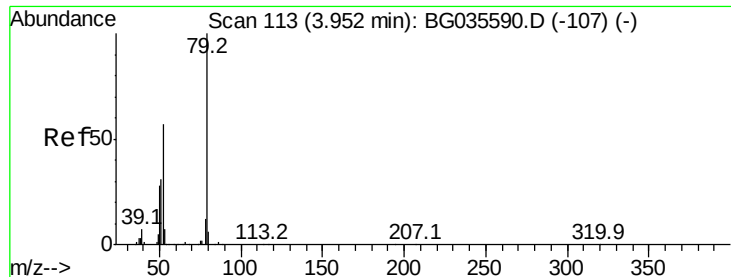
1,4-Dioxane
Concen: 21.803 ng
RT: 3.51 min Scan# 37
Delta R.T. -0.02 min
Lab File: BG036238.D
Acq: 9 Aug 2018 18:17

Tgt Ion: 88 Resp: 28056
Ion Ratio Lower Upper
88 100
58 66.6 79.6 119.4#
43 32.1 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: 22.881 ng

RT: 3.90 min Scan# 104

Delta R.T. -0.02 min

Lab File: BG036238.D

Acq: 9 Aug 2018 18:17

Instrument :

BNA_G

ClientSampleId :

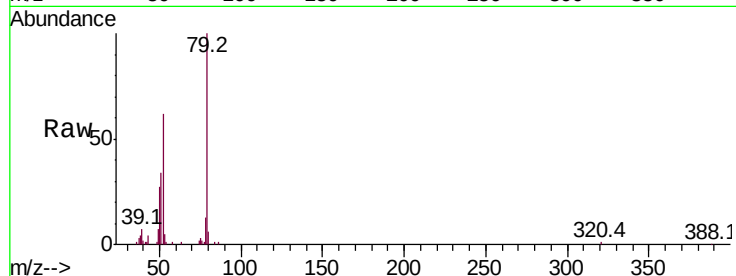
Tot Ion: 79 Resp: 76863

Ion Ratio Lower Upper

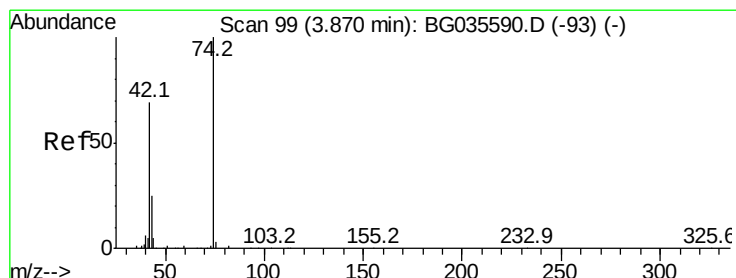
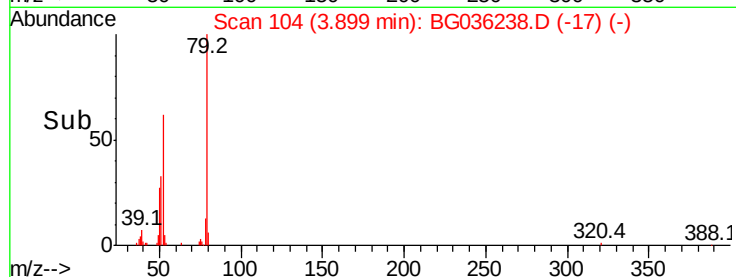
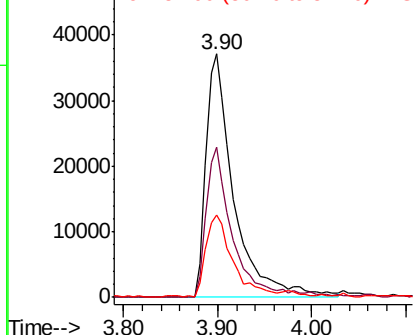
79 100

52 61.6 69.9 104.9#

51 33.6 34.0 51.0#



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



#4

n-Nitrosodimethylamine

Concen: 26.657 ng

RT: 3.82 min Scan# 90

Delta R.T. -0.02 min

Lab File: BG036238.D

Acq: 9 Aug 2018 18:17

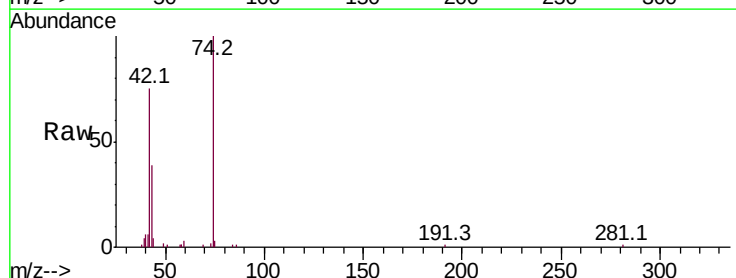
Tgt Ion: 42 Resp: 38450

Ion Ratio Lower Upper

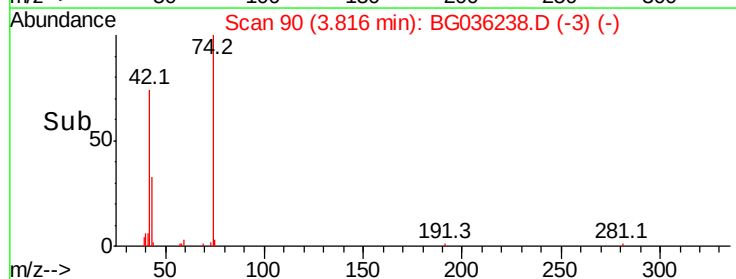
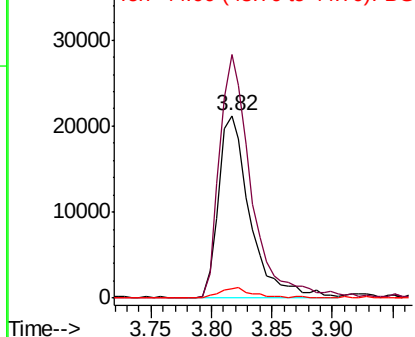
42 100

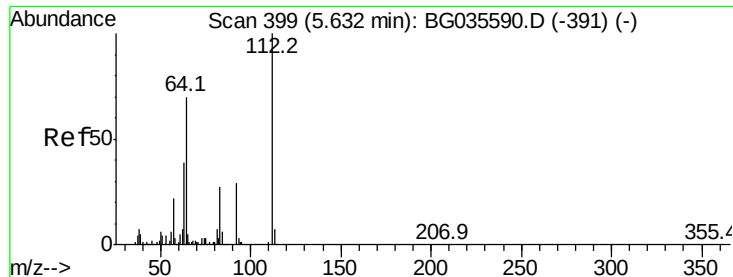
74 133.2 102.5 153.7

44 5.0 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: 97.353 ng

RT: 5.60 min Scan# 393

Delta R.T. -0.01 min

Lab File: BG036238.D

Acq: 9 Aug 2018 18:17

Instrument :

BNA_G

ClientSampleId :

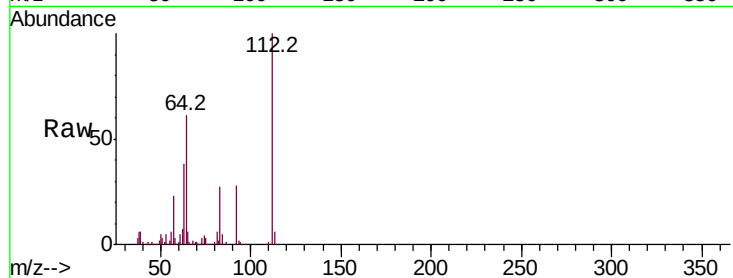
Tot Ion:112 Resp: 246128

Ion Ratio Lower Upper

112 100

64 61.3 56.3 84.5

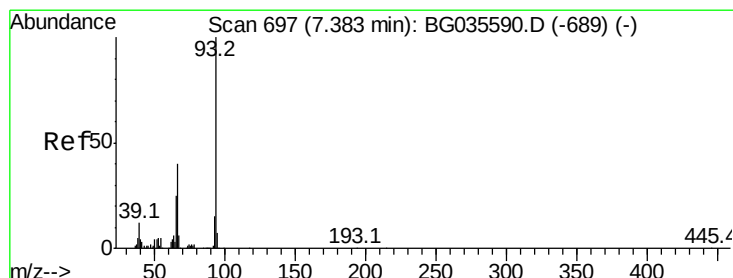
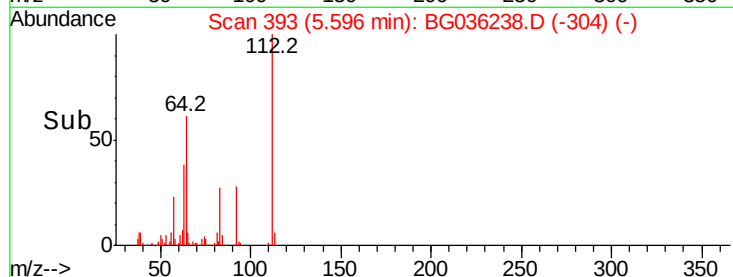
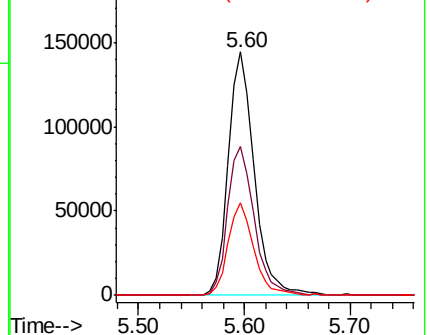
63 38.3 30.1 45.1



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: 22.819 ng

RT: 7.34 min Scan# 689

Delta R.T. -0.02 min

Lab File: BG036238.D

Acq: 9 Aug 2018 18:17

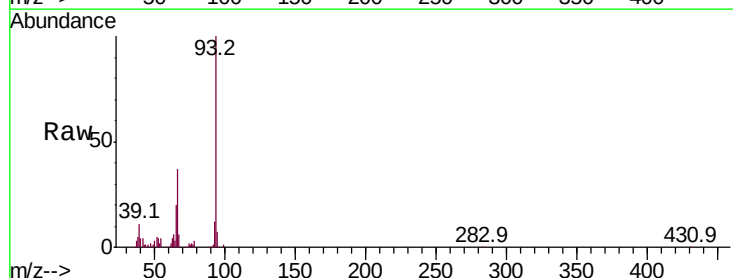
Tgt Ion: 93 Resp: 111566

Ion Ratio Lower Upper

93 100

66 37.4 33.7 50.5

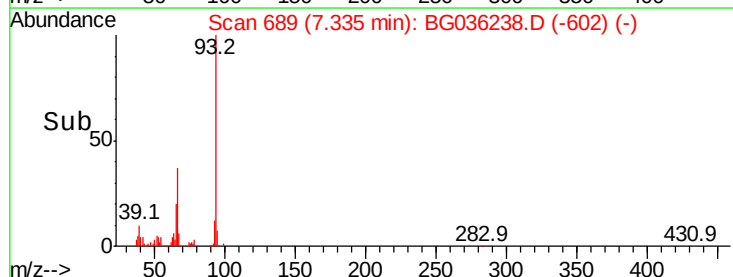
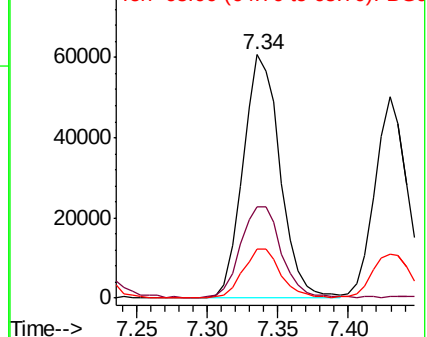
65 20.0 16.1 24.1

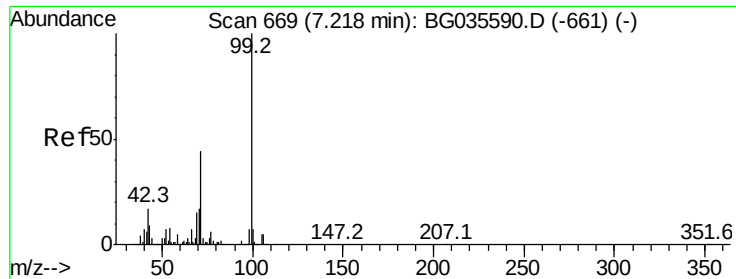


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 96.005 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.01 min

Lab File: BG036238.D

Acq: 9 Aug 2018 18:17

Instrument :

BNA_G

ClientSampleId :

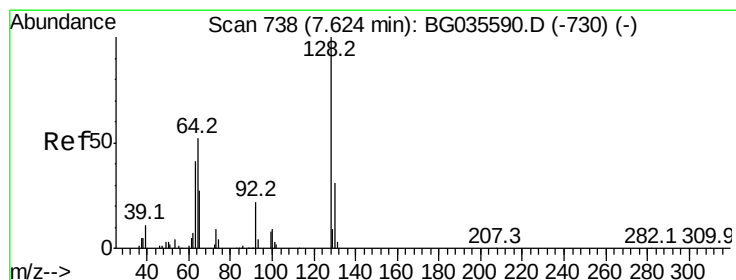
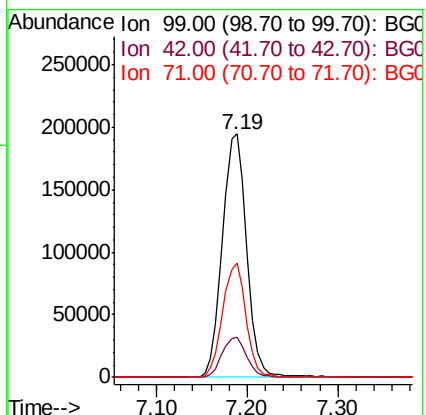
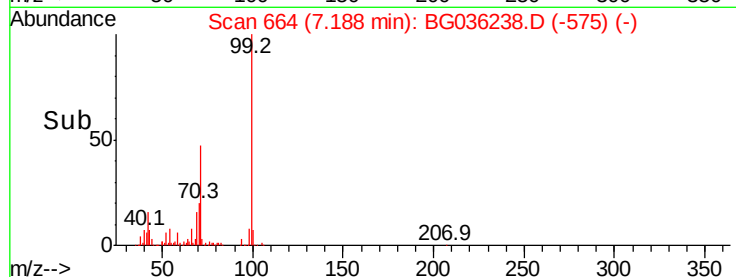
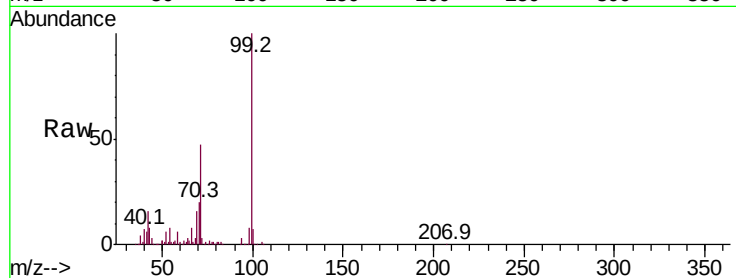
Tot Ion: 99 Resp: 362135

Ion Ratio Lower Upper

99 100

42 16.3 14.1 21.1

71 47.1 26.1 39.1#



#8

2-Chlorophenol

Concen: 31.677 ng

RT: 7.58 min Scan# 730

Delta R.T. -0.02 min

Lab File: BG036238.D

Acq: 9 Aug 2018 18:17

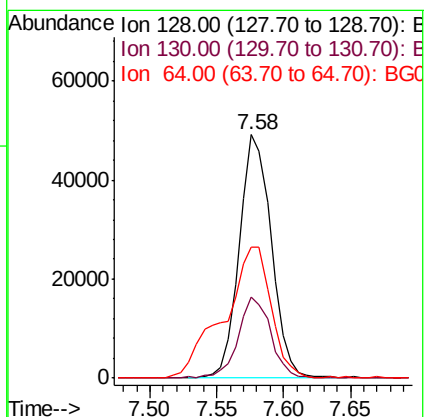
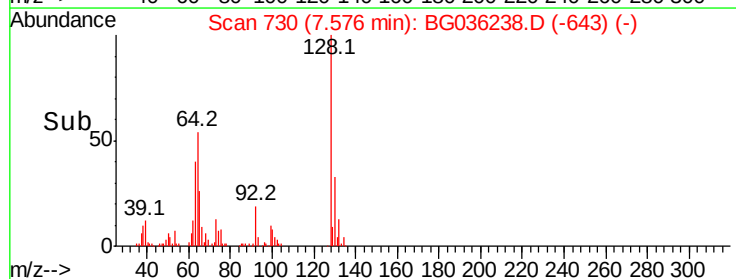
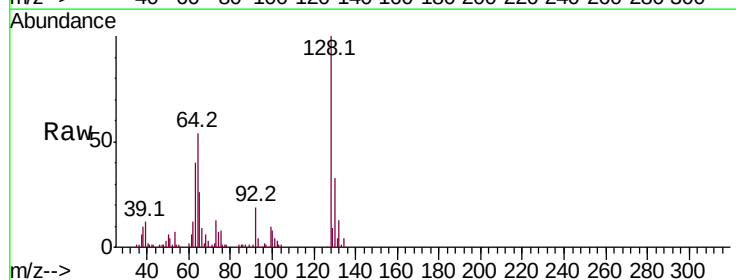
Tgt Ion:128 Resp: 81452

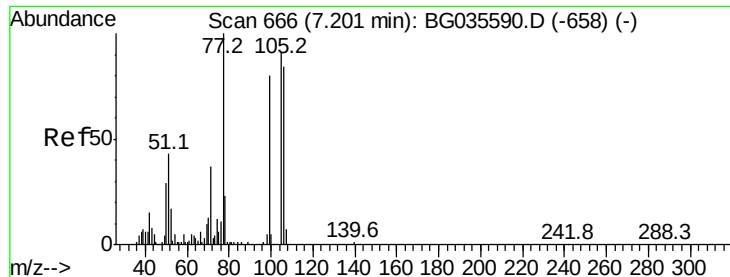
Ion Ratio Lower Upper

128 100

130 33.5 14.0 54.0

64 53.8 37.7 77.7





#9

Benzaldehyde

Concen: 20.493 ng

RT: 7.15 min Scan# 658

Delta R.T. -0.01 min

Lab File: BG036238.D

Acq: 9 Aug 2018 18:17

Instrument :

BNA_G

ClientSampleId :

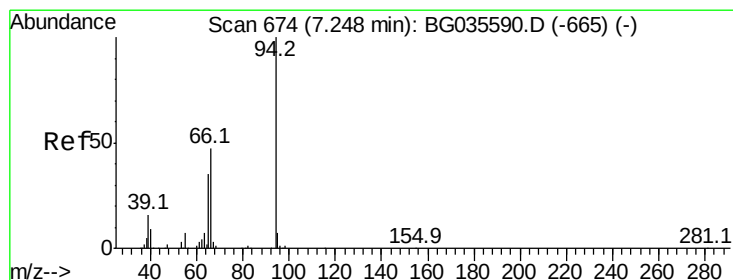
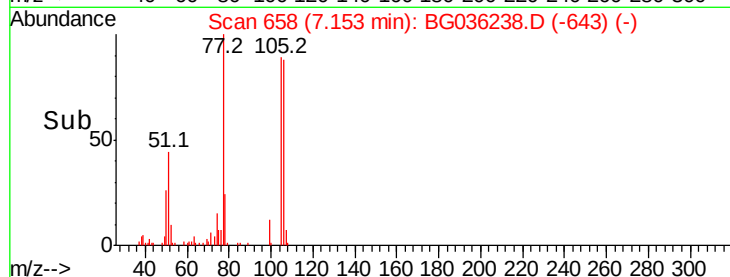
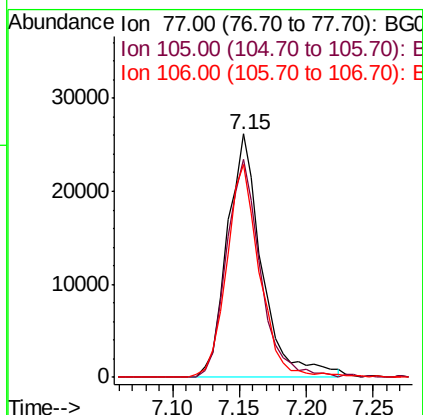
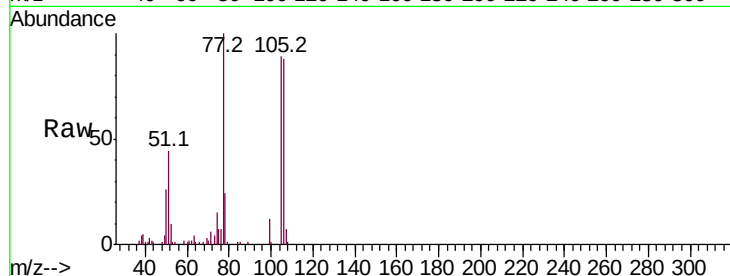
Tot Ion: 77 Resp: 47430

Ion Ratio Lower Upper

77 100

105 89.4 71.3 111.3

106 87.7 64.2 104.2



#10

Phenol

Concen: 31.582 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG036238.D

Acq: 9 Aug 2018 18:17

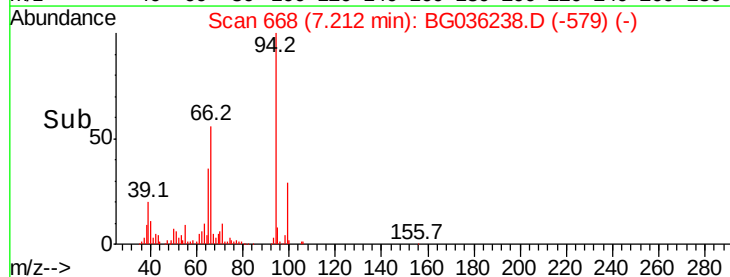
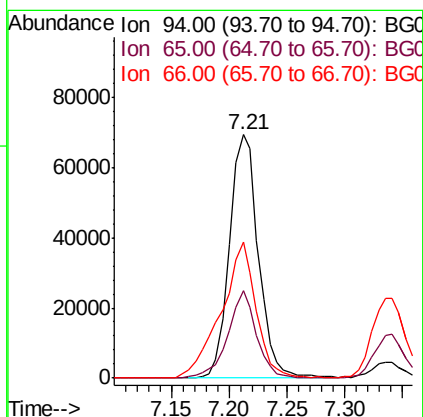
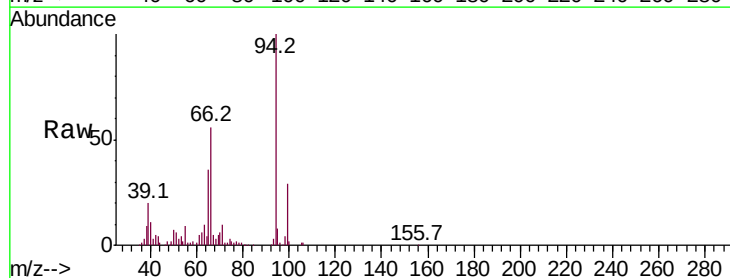
Tgt Ion: 94 Resp: 120355

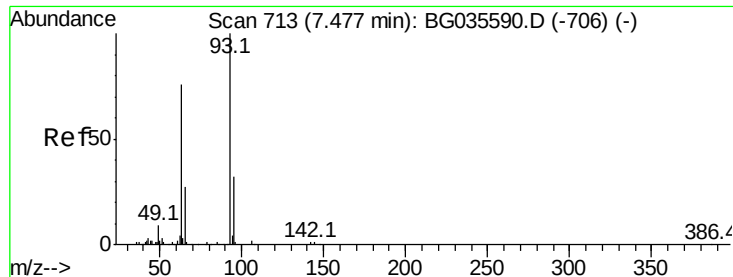
Ion Ratio Lower Upper

94 100

65 36.1 11.9 51.9

66 55.9 22.2 62.2





#11

bis(2-Chloroethyl)ether

Concen: 27.517 ng

RT: 7.43 min Scan# 705

Delta R.T. -0.02 min

Lab File: BG036238.D

Acq: 9 Aug 2018 18:17

Instrument :

BNA_G

ClientSampleId :

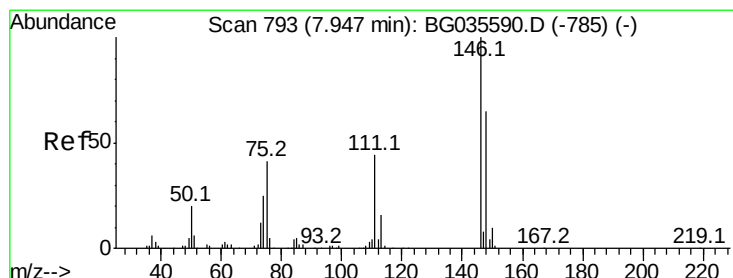
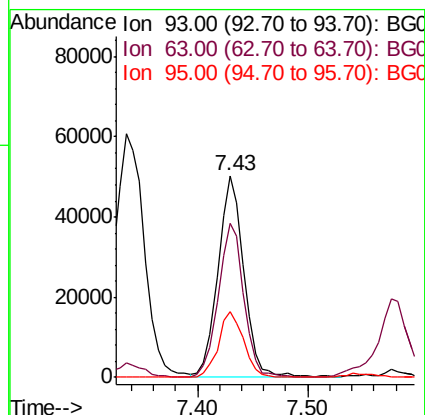
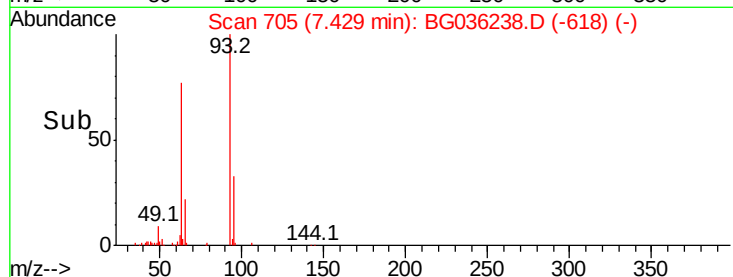
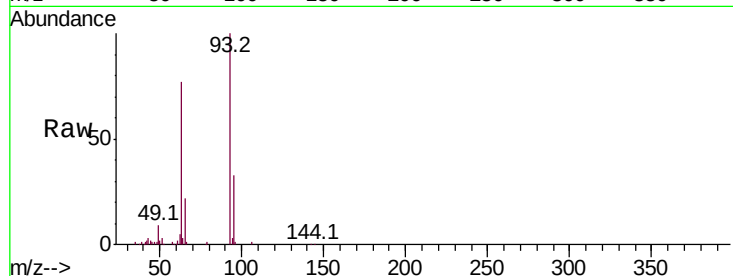
Tot Ion: 93 Resp: 82124

Ion Ratio Lower Upper

93 100

63 76.6 67.1 107.1

95 32.7 11.5 51.5



#12

1,3-Dichlorobenzene

Concen: 31.070 ng

RT: 8.04 min Scan# 809

Delta R.T. 0.12 min

Lab File: BG036238.D

Acq: 9 Aug 2018 18:17

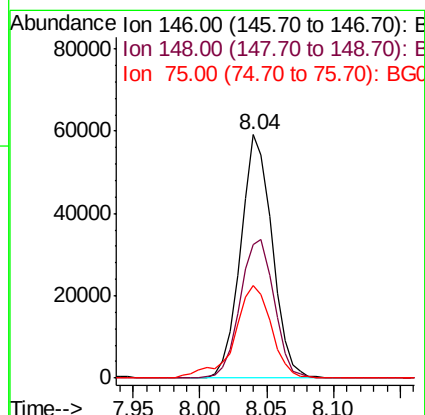
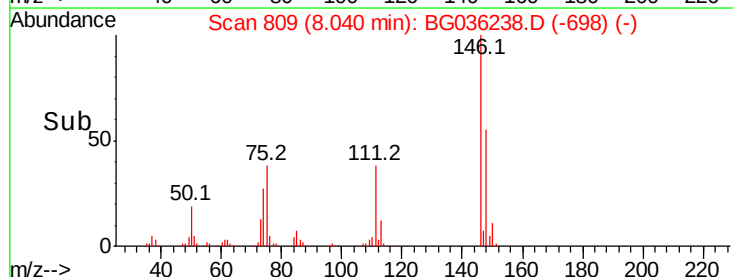
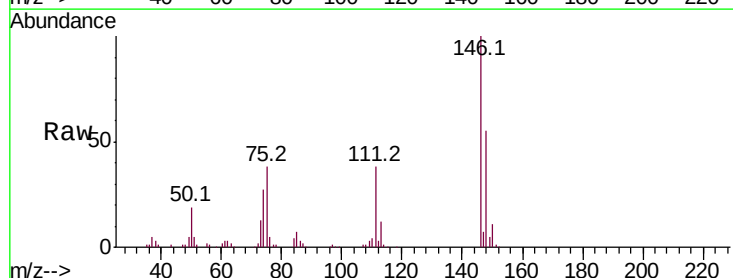
Tgt Ion: 146 Resp: 96476

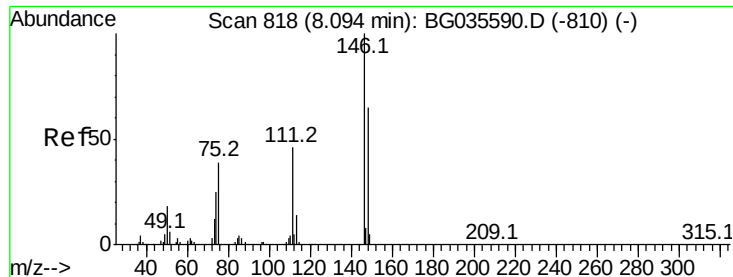
Ion Ratio Lower Upper

146 100

148 54.8 51.4 77.2

75 37.9 26.6 39.8

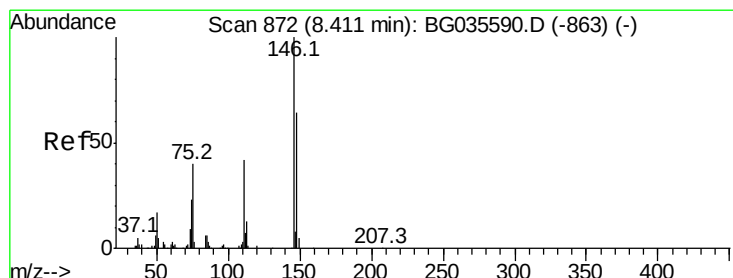
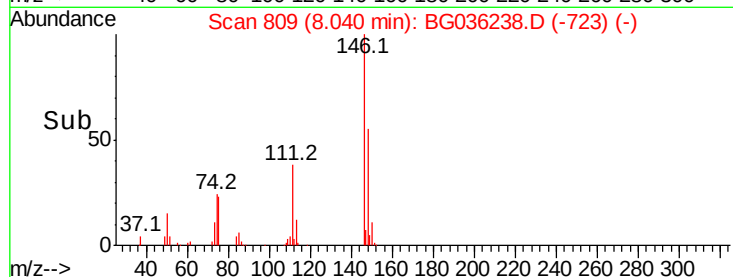
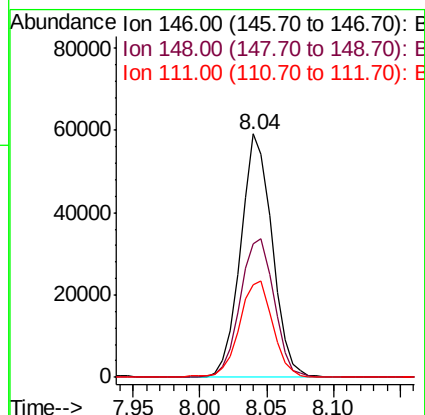
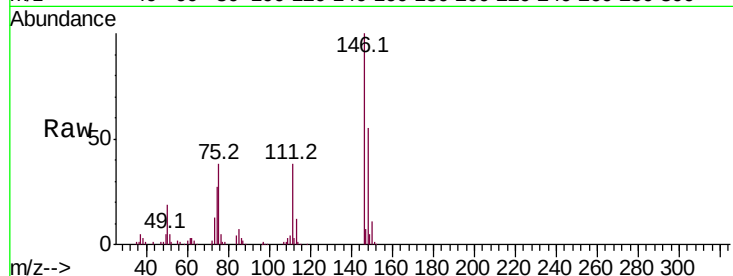




#13
 1,4-Dichlorobenzene
 Concen: 30.579 ng
 RT: 8.04 min Scan# 809
 Delta R.T. -0.03 min
 Lab File: BG036238.D
 Acq: 9 Aug 2018 18:17

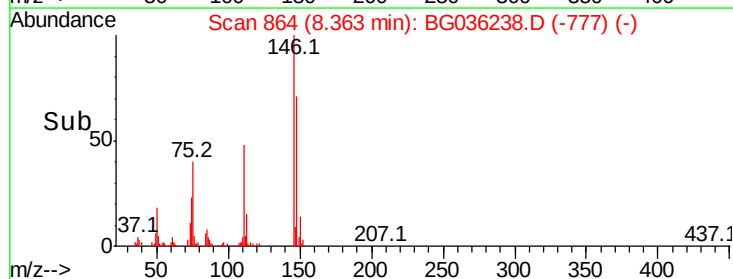
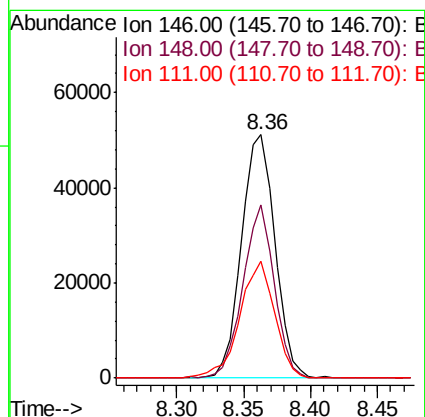
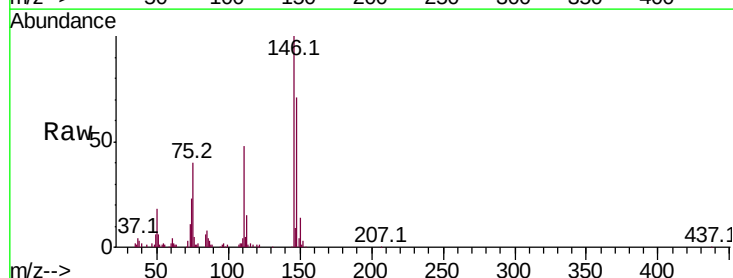
Instrument :
 BNA_G
 ClientSampleId :

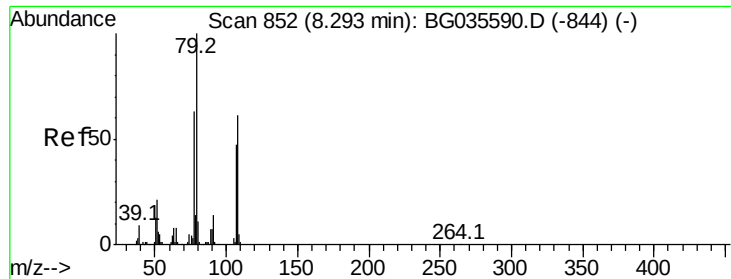
Tot Ion	Ratio	Lower	Upper
146	100		
148	54.8	53.7	80.5
111	38.2	35.2	52.8



#14
 1,2-Dichlorobenzene
 Concen: 29.263 ng
 RT: 8.36 min Scan# 864
 Delta R.T. -0.02 min
 Lab File: BG036238.D
 Acq: 9 Aug 2018 18:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	71.0	49.3	73.9
111	48.2	34.3	51.5

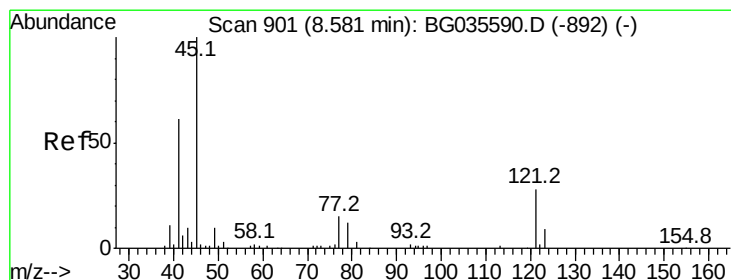
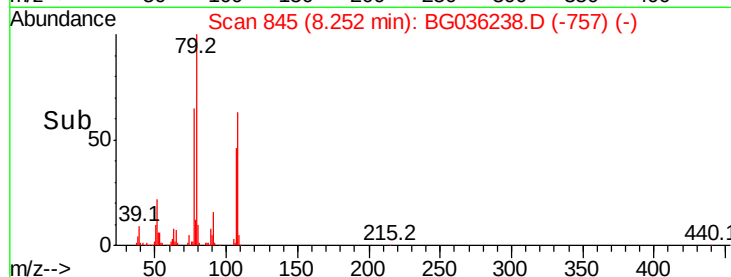
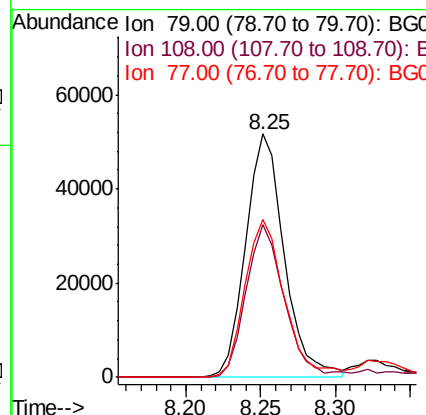
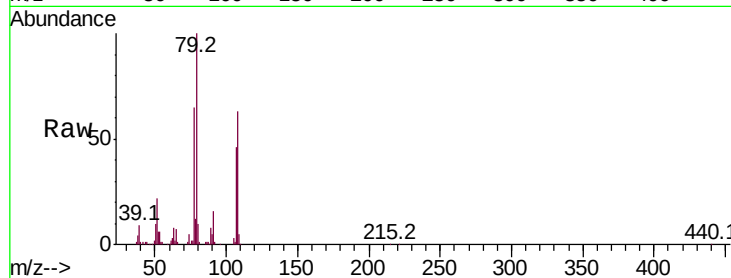




#15
Benzyl Alcohol
Concen: 26.957 ng
RT: 8.25 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG036238.D
Acq: 9 Aug 2018 18:17

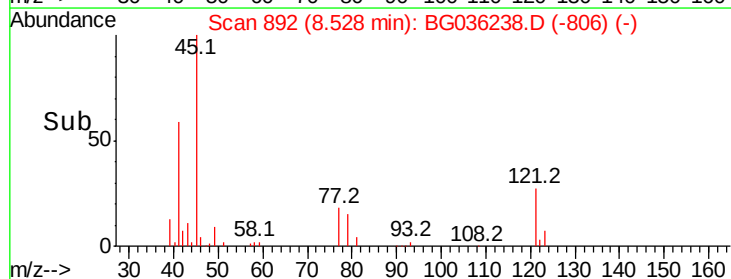
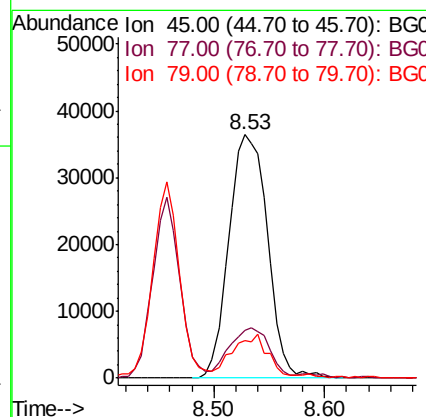
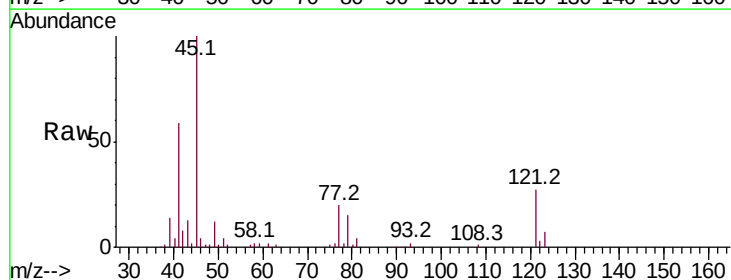
Instrument :
BNA_G
ClientSampleId :

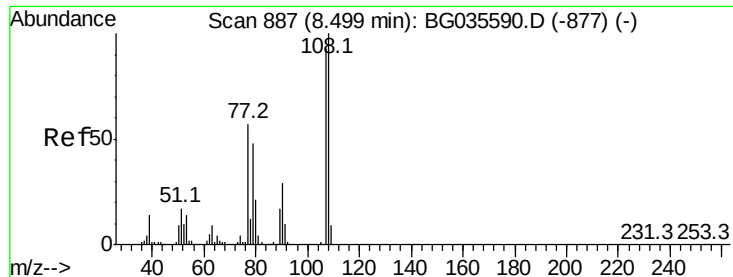
Tot Ion: 79 Resp: 92339
Ion Ratio Lower Upper
79 100
108 62.8 57.2 85.8
77 65.0 46.1 69.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.728 ng
RT: 8.53 min Scan# 892
Delta R.T. -0.03 min
Lab File: BG036238.D
Acq: 9 Aug 2018 18:17

Tgt Ion: 45 Resp: 89394
Ion Ratio Lower Upper
45 100
77 19.6 0.0 30.2
79 15.2 0.0 27.9





#17

2-Methylphenol

Concen: 31.741 ng

RT: 8.46 min Scan# 880

Delta R.T. -0.01 min

Lab File: BG036238.D

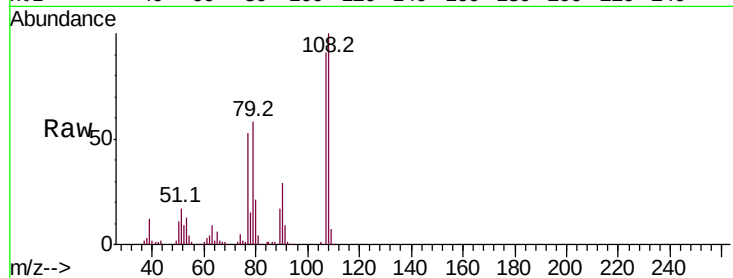
Acq: 9 Aug 2018 18:17

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	107	Resp:	82242
Ion	Ratio	Lower	Upper
107	100		
108	109.3	83.9	125.9
77	58.0	37.2	55.8#
79	62.9	36.2	54.2#



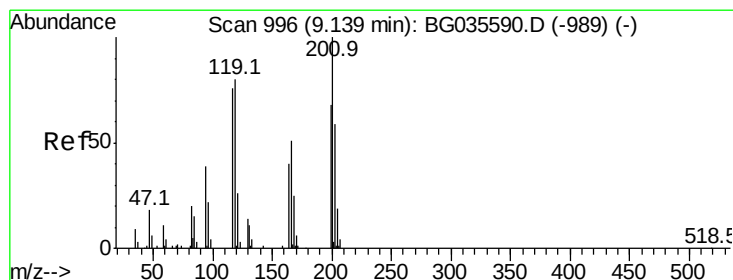
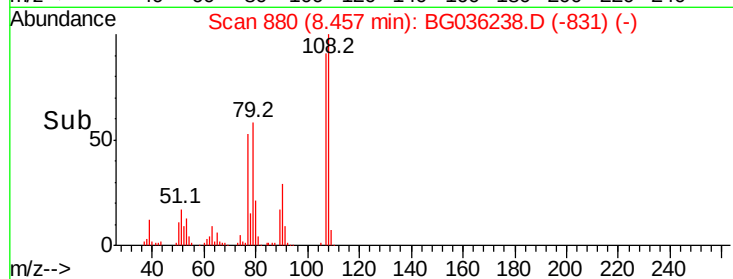
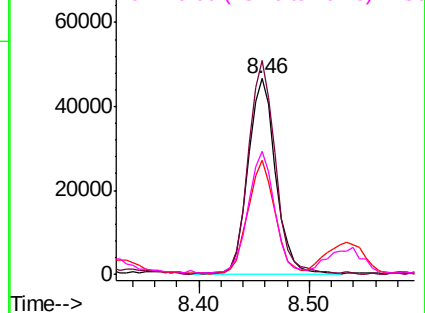
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 30.893 ng

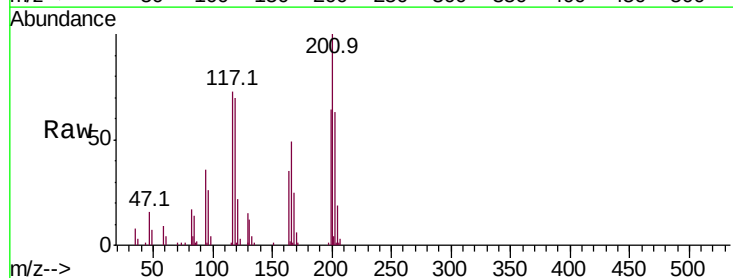
RT: 9.09 min Scan# 987

Delta R.T. -0.02 min

Lab File: BG036238.D

Acq: 9 Aug 2018 18:17

Tgt Ion:	117	Resp:	37266
Ion	Ratio	Lower	Upper
117	100		
119	96.9	76.7	115.1
201	137.9	95.7	143.5

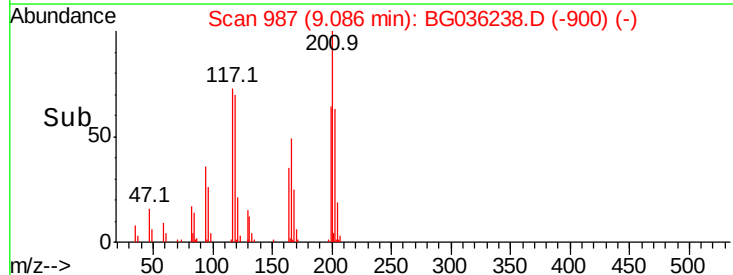
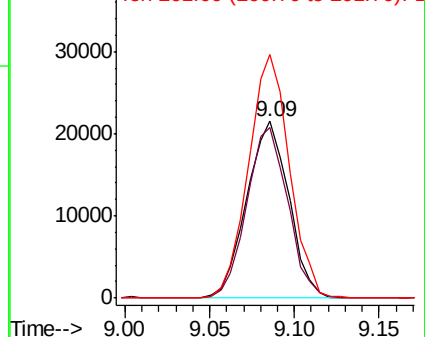


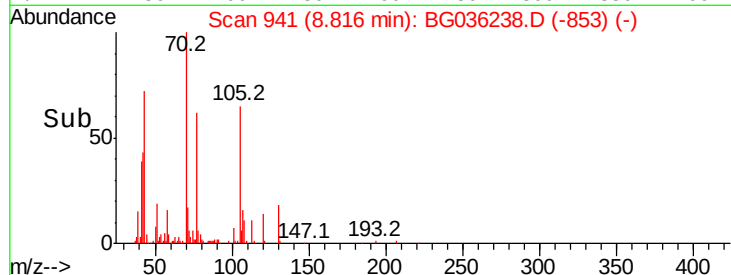
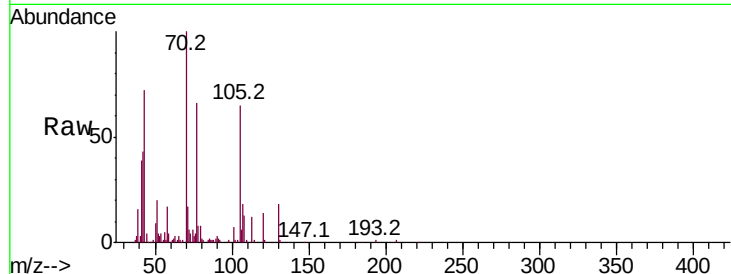
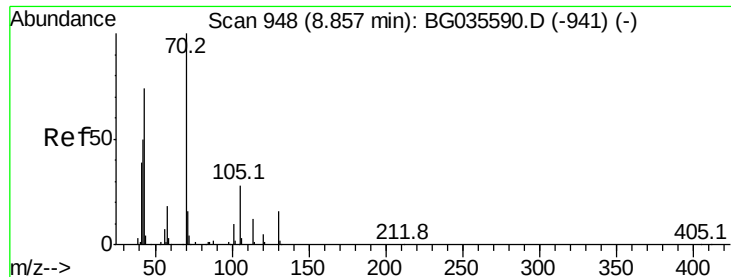
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

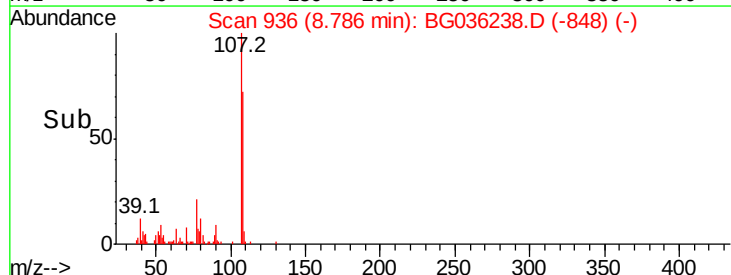
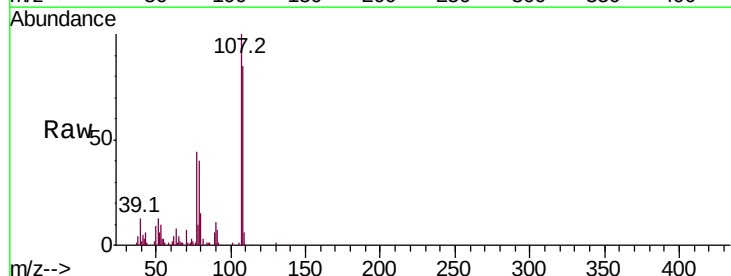
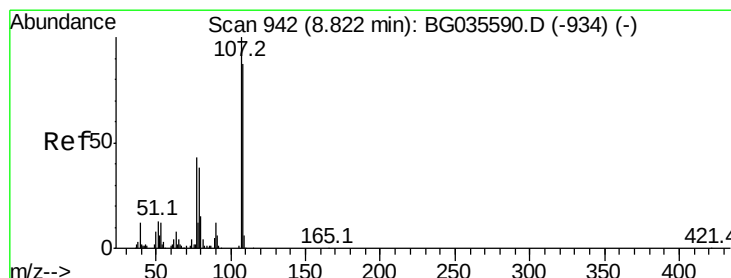
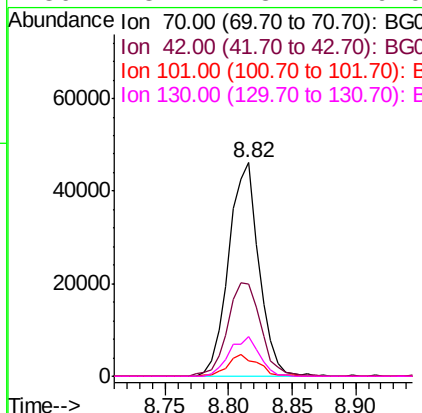




#19
n-Nitroso-di-n-propylamine
Concen: 24.000 ng
RT: 8.82 min Scan# 941
Delta R.T. -0.01 min
Lab File: BG036238.D
Acq: 9 Aug 2018 18:17

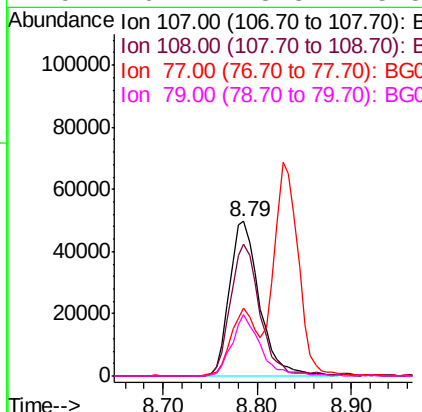
Instrument :
BNA_G
ClientSampleId :

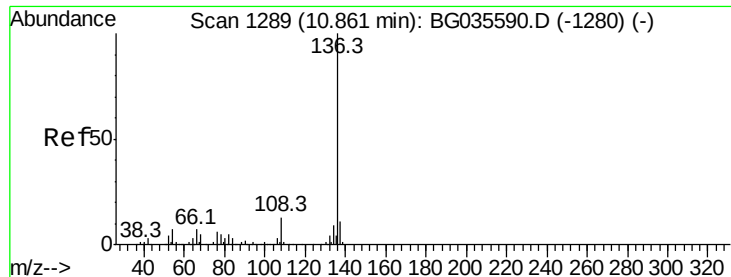
Tot Ion:	70	Resp:	76234
Ion	Ratio	Lower	Upper
70	100		
42	43.1	49.1	73.7#
101	6.9	8.5	12.7#
130	18.4	13.4	20.0



#20
3+4-Methylphenols
Concen: 30.655 ng
RT: 8.79 min Scan# 936
Delta R.T. -0.01 min
Lab File: BG036238.D
Acq: 9 Aug 2018 18:17

Tgt Ion:	107	Resp:	110188
Ion	Ratio	Lower	Upper
107	100		
108	85.2	61.6	101.6
77	43.6	13.9	53.9
79	40.1	8.8	48.8

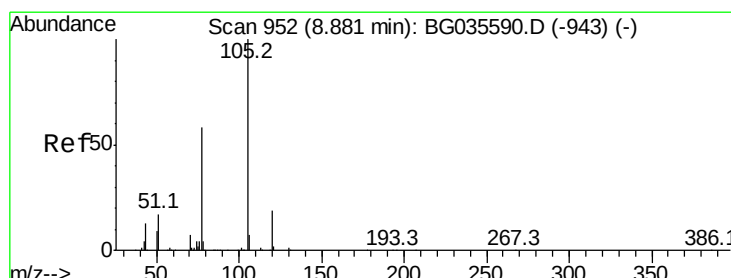
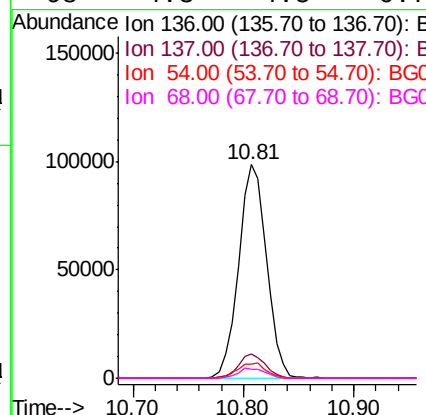
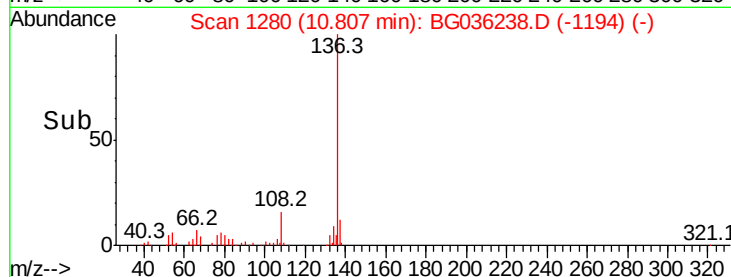
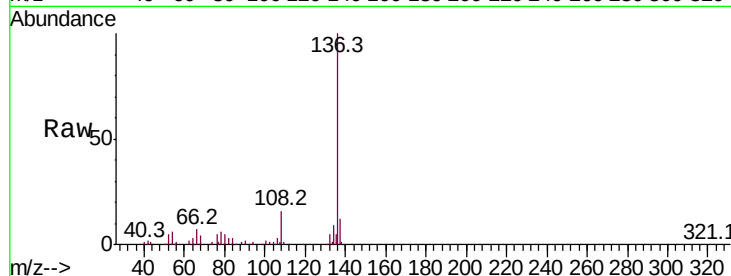




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1280
Delta R.T. -0.03 min
Lab File: BG036238.D
Acq: 9 Aug 2018 18:17

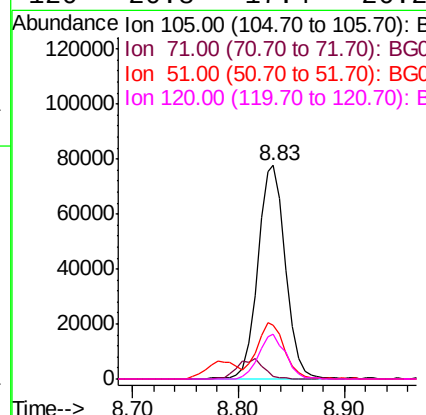
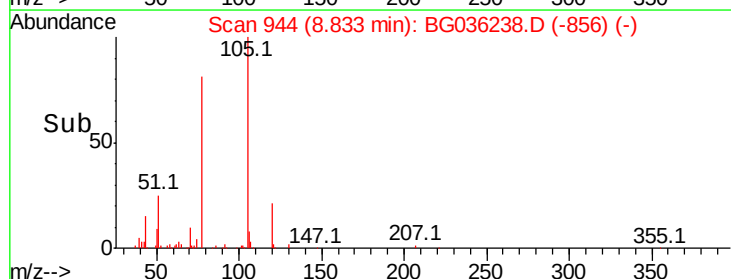
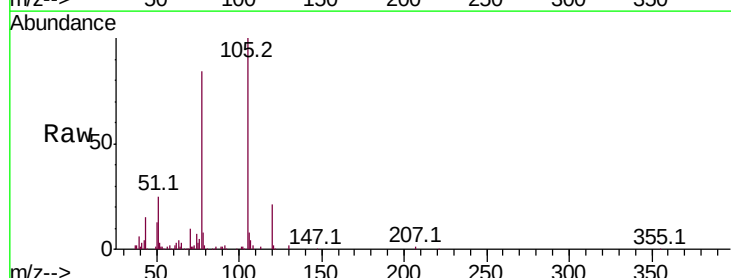
Instrument :
BNA_G
ClientSampled :

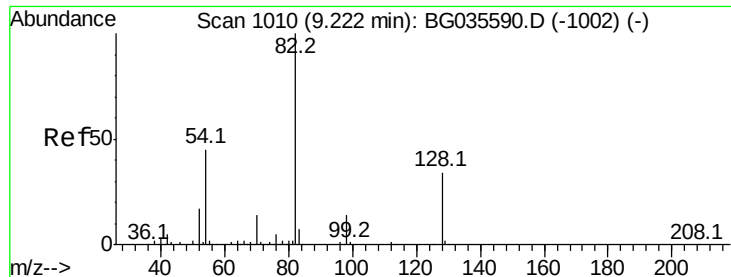
Tot Ion:136	Resp: 175713
Ion Ratio	Lower Upper
136 100	
137 11.6	9.2 13.8
54 6.5	10.3 15.5#
68 4.3	4.5 6.7#



#22
Acetophenone
Concen: 25.856 ng
RT: 8.83 min Scan# 944
Delta R.T. -0.01 min
Lab File: BG036238.D
Acq: 9 Aug 2018 18:17

Tgt Ion:105	Resp: 141281
Ion Ratio	Lower Upper
105 100	
71 1.4	3.0 4.4#
51 25.4	26.1 39.1#
120 20.8	17.4 26.2

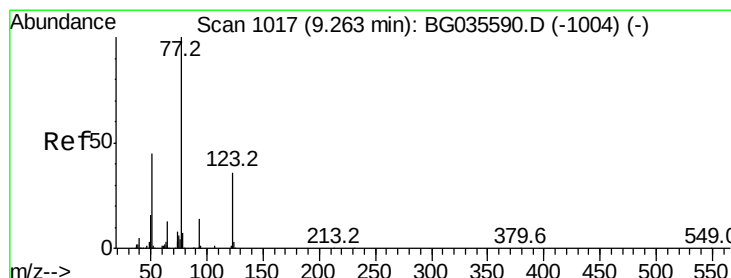
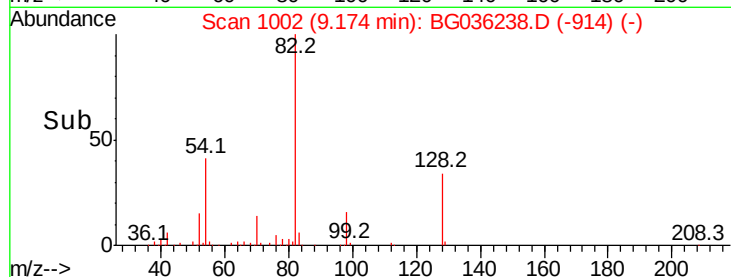
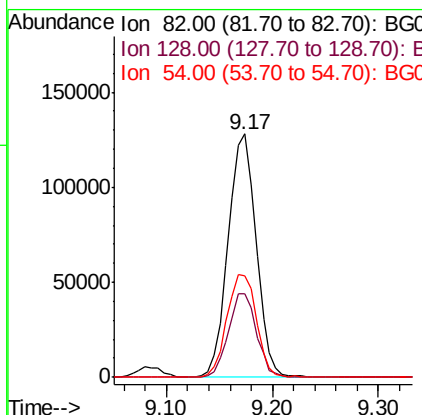
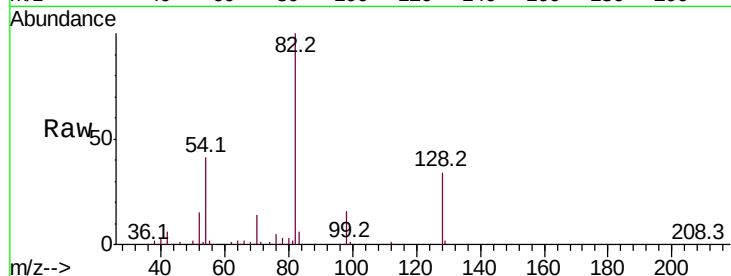




#23
 Nitrobenzene-d5
 Concen: 55.938 ng
 RT: 9.17 min Scan# 1002
 Delta R.T. -0.01 min
 Lab File: BG036238.D
 Acq: 9 Aug 2018 18:17

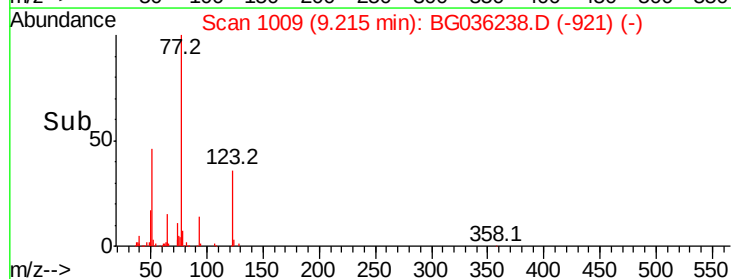
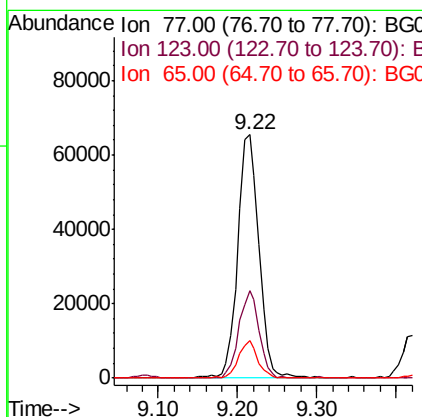
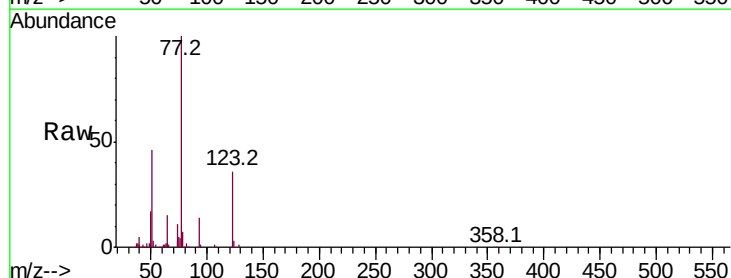
Instrument :
 BNA_G
 ClientSampleId :

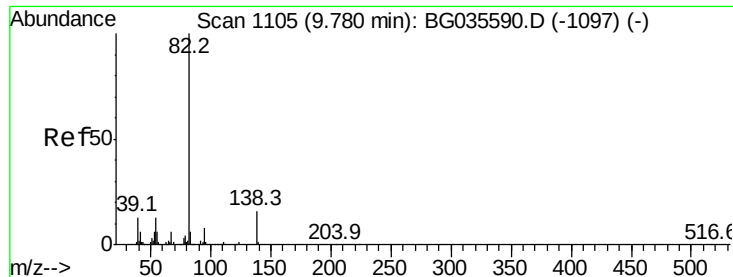
Tot Ion	Ratio	Lower	Upper
82	100		
128	34.2	29.7	44.5
54	41.5	43.1	64.7#



#24
 Nitrobenzene
 Concen: 28.695 ng
 RT: 9.22 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BG036238.D
 Acq: 9 Aug 2018 18:17

Tgt Ion	Ratio	Lower	Upper
77	100		
123	35.7	33.0	49.6
65	15.3	13.0	19.6

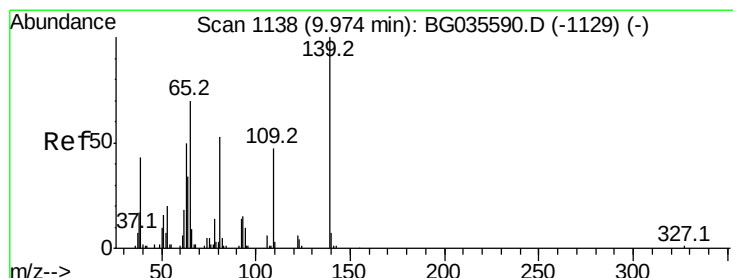
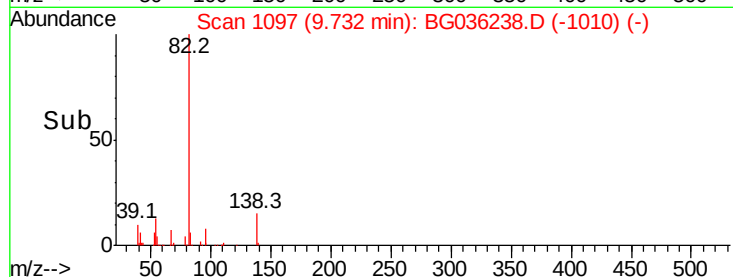
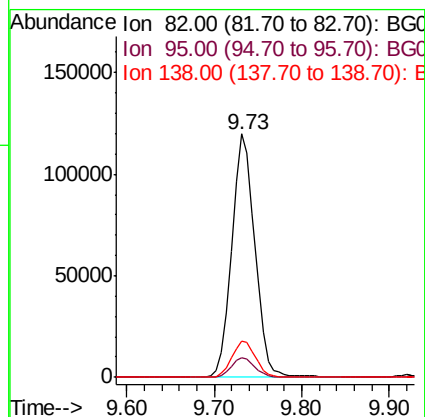
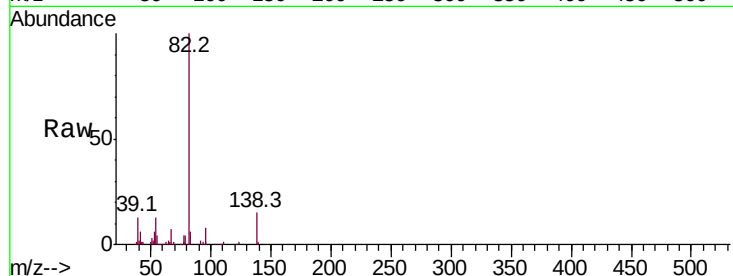




#25
Isophorone
Concen: 27.593 ng
RT: 9.73 min Scan# 1097
Delta R.T. -0.02 min
Lab File: BG036238.D
Acq: 9 Aug 2018 18:17

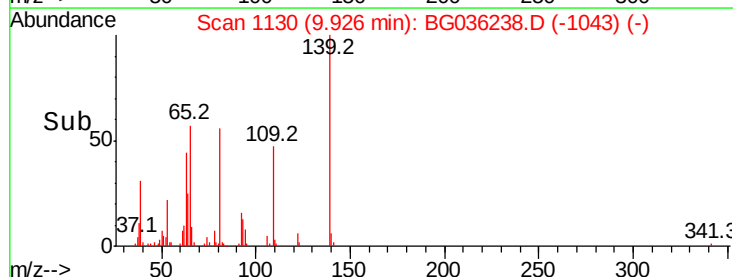
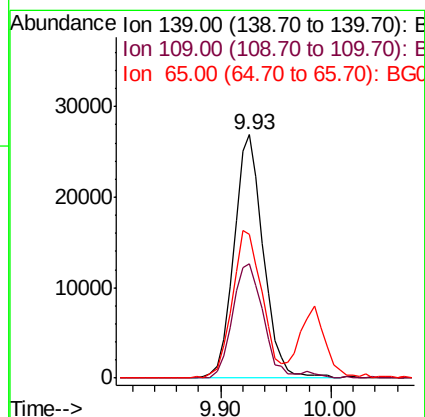
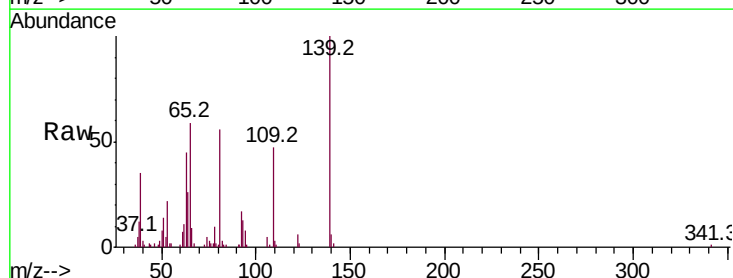
Instrument :
BNA_G
ClientSampleId :

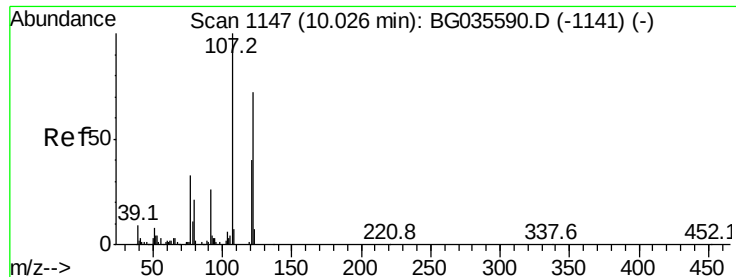
Tot Ion: 82 Resp: 215448
Ion Ratio Lower Upper
82 100
95 8.3 6.2 9.2
138 14.6 12.1 18.1



#26
2-Nitrophenol
Concen: 33.304 ng
RT: 9.93 min Scan# 1130
Delta R.T. -0.02 min
Lab File: BG036238.D
Acq: 9 Aug 2018 18:17

Tgt Ion: 139 Resp: 50034
Ion Ratio Lower Upper
139 100
109 47.2 24.2 36.2#
65 58.9 47.4 71.0

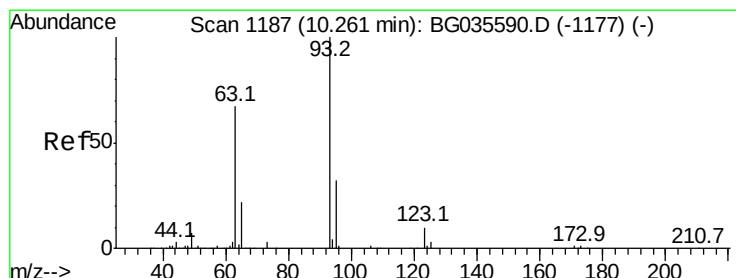
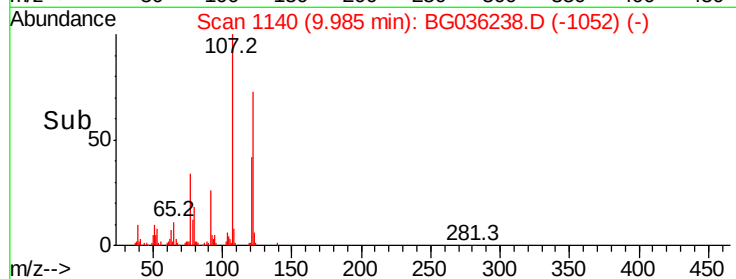
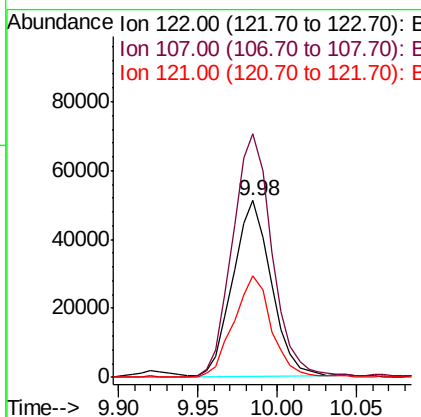
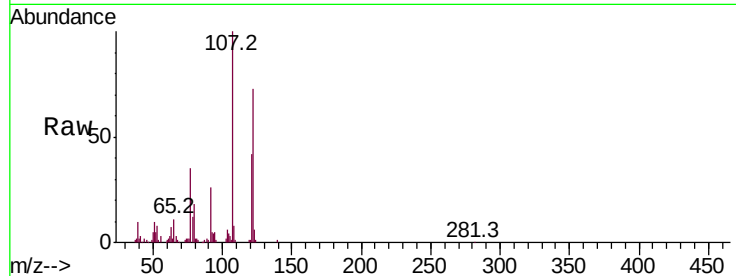




#27
2,4-Dimethylphenol
Concen: 33.857 ng
RT: 9.98 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BG036238.D
Acq: 9 Aug 2018 18:17

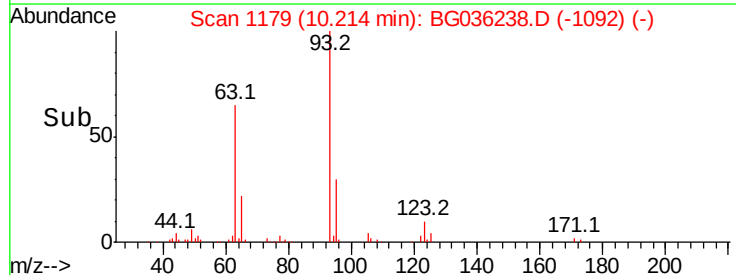
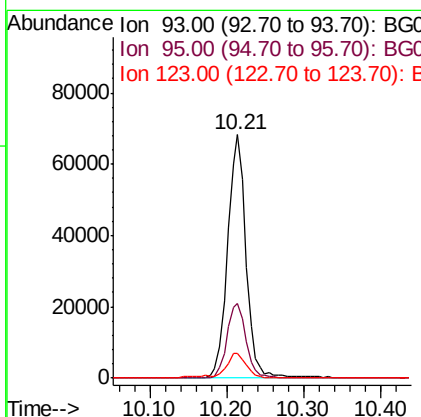
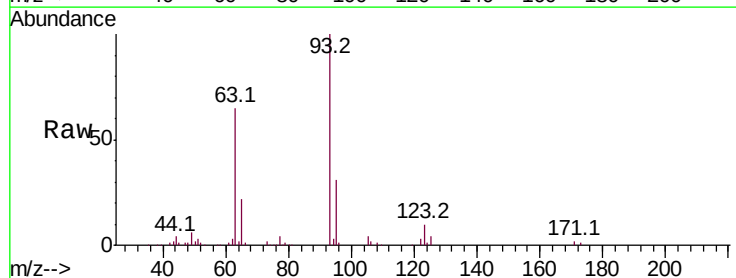
Instrument :
BNA_G
ClientSampled :

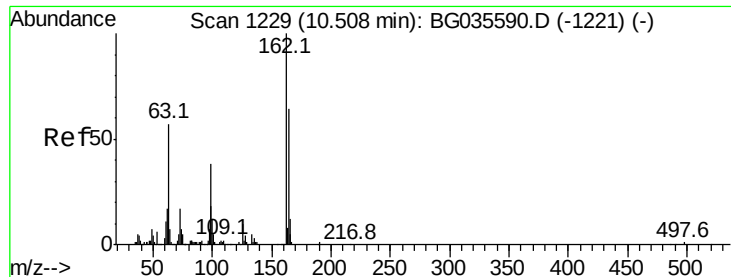
Tot Ion:122 Resp: 86101
Ion Ratio Lower Upper
122 100
107 137.8 100.2 150.2
121 57.8 44.4 66.6



#28
bis(2-Chloroethoxy)methane
Concen: 26.482 ng
RT: 10.21 min Scan# 1179
Delta R.T. -0.02 min
Lab File: BG036238.D
Acq: 9 Aug 2018 18:17

Tgt Ion: 93 Resp: 113939
Ion Ratio Lower Upper
93 100
95 30.9 24.3 36.5
123 10.0 8.4 12.6

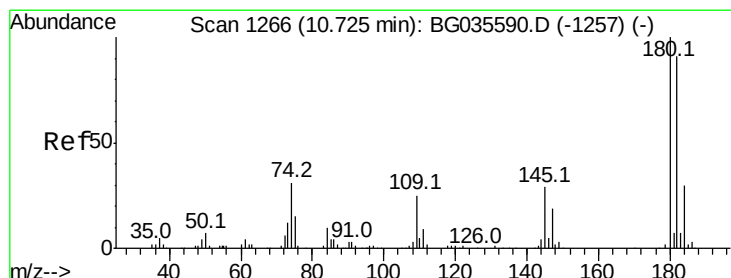
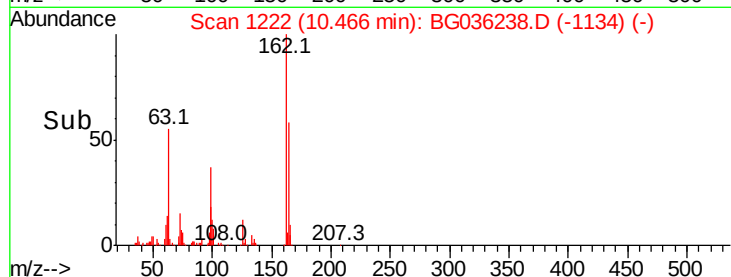
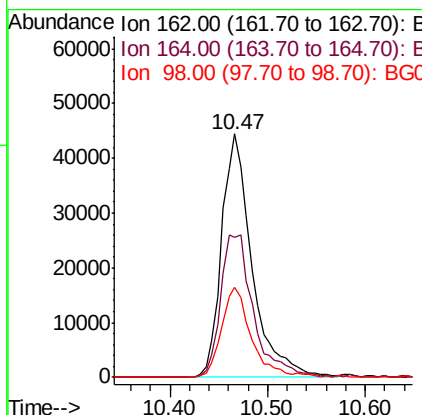
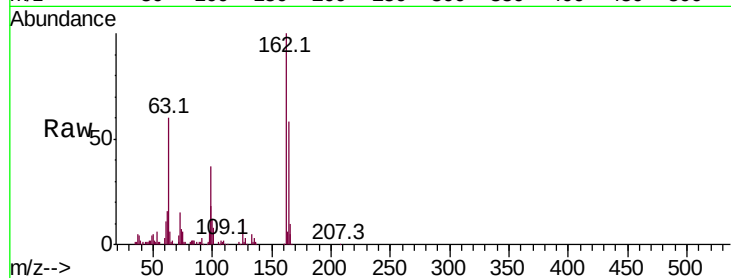




#29
 2,4-Dichlorophenol
 Concen: 33.176 ng
 RT: 10.47 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BG036238.D
 Acq: 9 Aug 2018 18:17

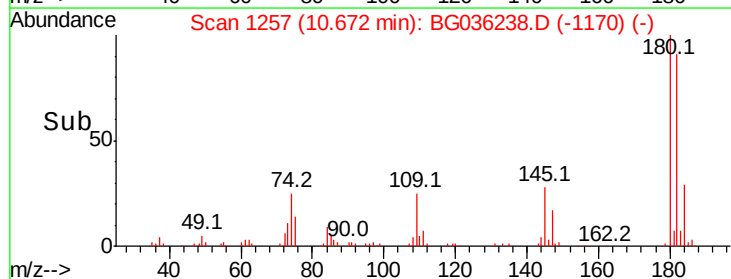
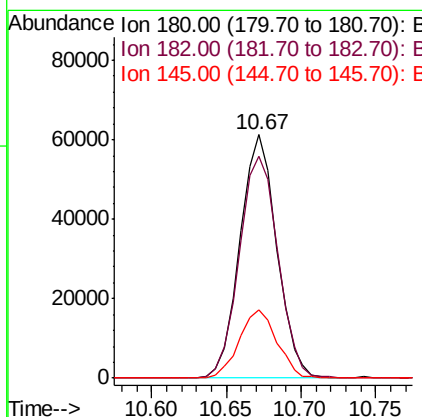
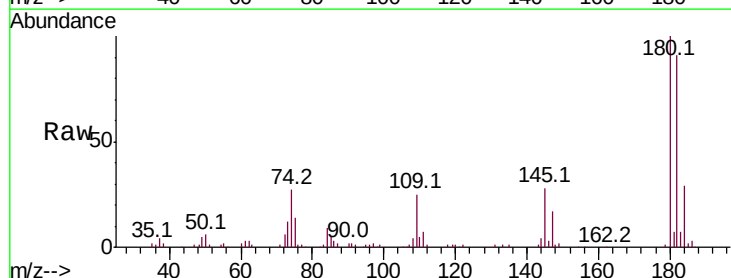
Instrument :
 BNA_G
 ClientSampled :

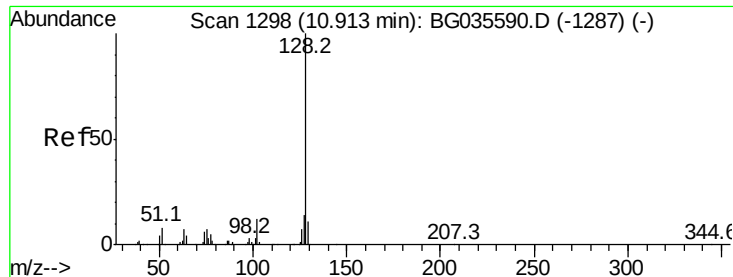
Tot Ion	Ratio	Lower	Upper
162	100		
164	57.6	48.0	88.0
98	36.8	21.1	61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 29.383 ng
 RT: 10.67 min Scan# 1257
 Delta R.T. -0.02 min
 Lab File: BG036238.D
 Acq: 9 Aug 2018 18:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.2	77.5	116.3
145	28.0	23.4	35.2

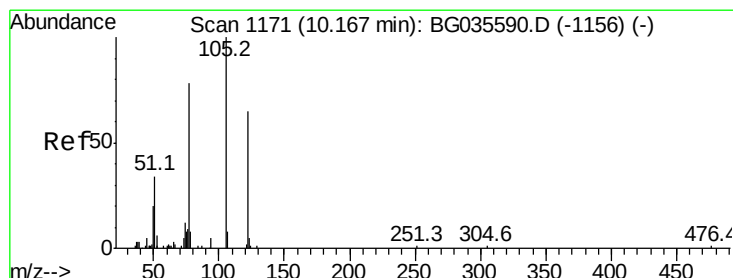
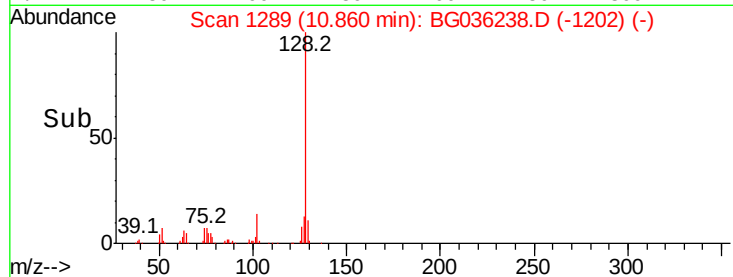
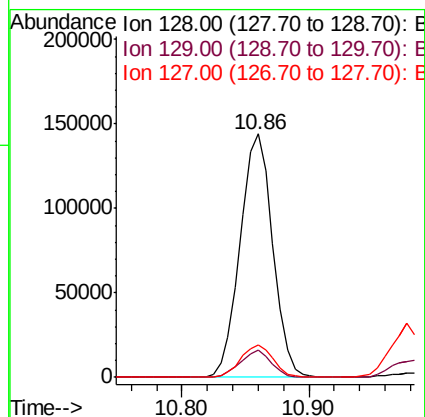
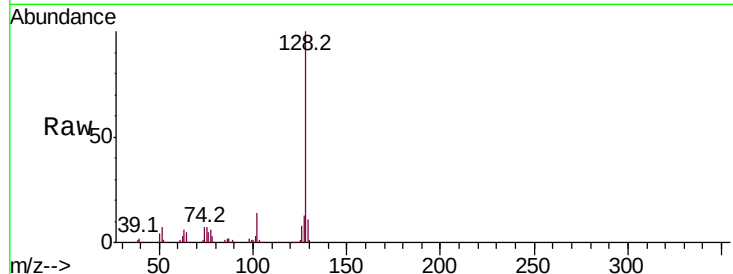




#31
Naphthalene
Concen: 28.056 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BG036238.D
Acq: 9 Aug 2018 18:17

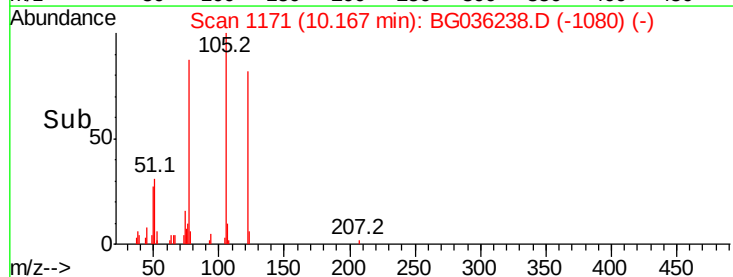
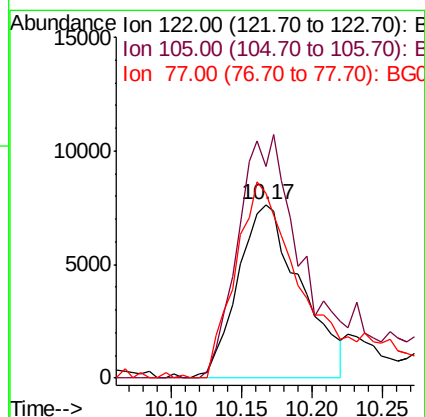
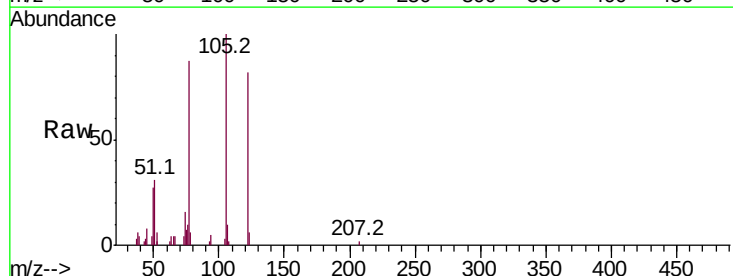
Instrument :
BNA_G
ClientSampleId :

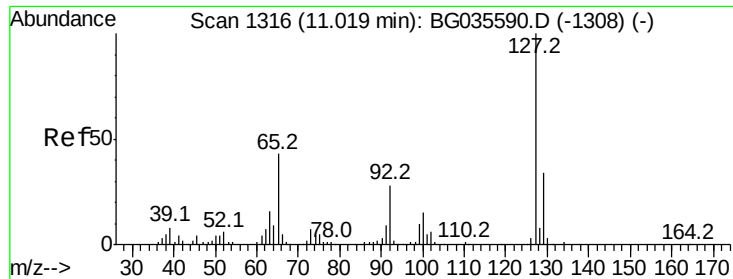
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.6	12.8
127	13.3	11.6	17.4



#32
Benzoic acid
Concen: 13.874 ng
RT: 10.17 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BG036238.D
Acq: 9 Aug 2018 18:17

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.2	123.5	163.5#
77	106.2	85.7	125.7

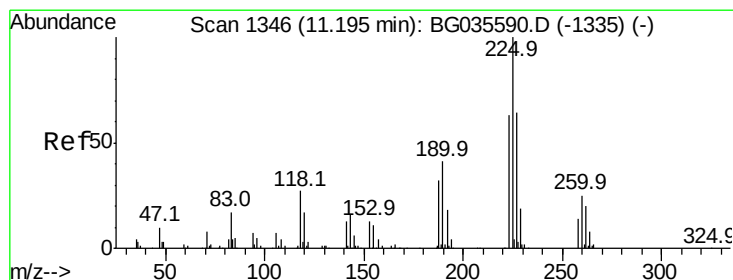
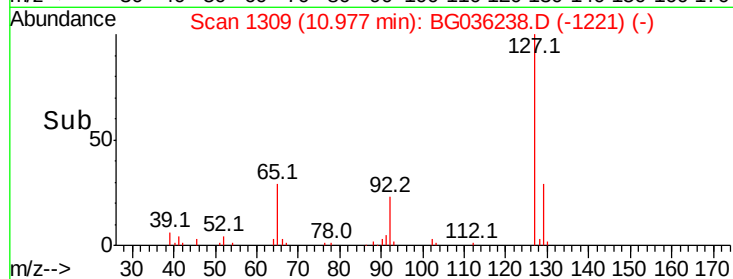
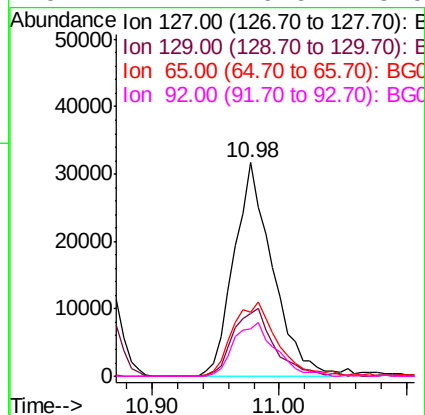
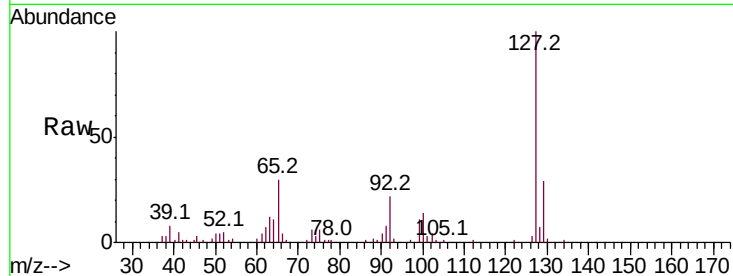




#33
4-Chloroaniline
Concen: 16.783 ng
RT: 10.98 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BG036238.D
Acq: 9 Aug 2018 18:17

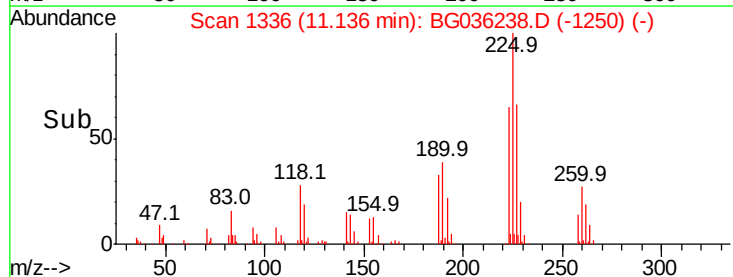
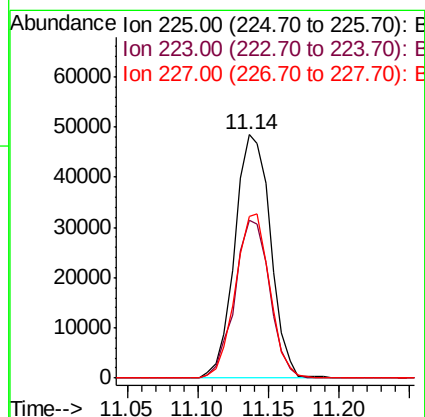
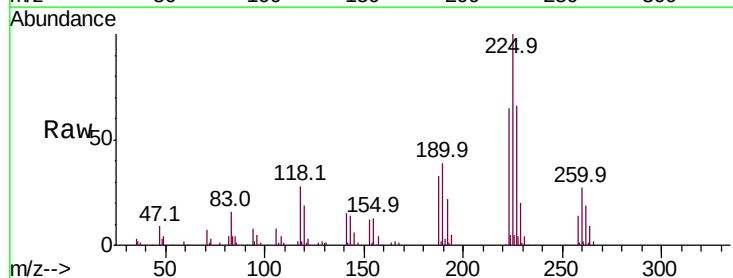
Instrument :
BNA_G
ClientSampled :

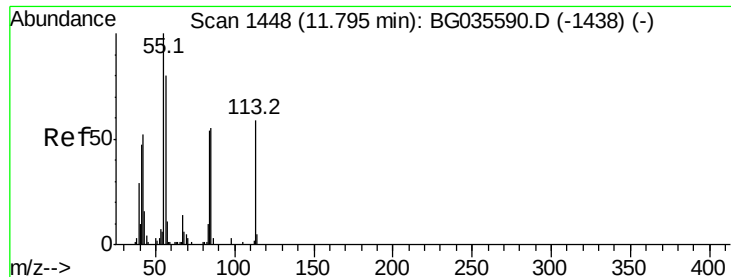
Tot Ion:	127	Resp:	66951
Ion	Ratio	Lower	Upper
127	100		
129	29.3	24.0	36.0
65	30.1	27.0	40.4
92	22.2	16.6	25.0



#34
Hexachlorobutadiene
Concen: 30.831 ng
RT: 11.14 min Scan# 1336
Delta R.T. -0.03 min
Lab File: BG036238.D
Acq: 9 Aug 2018 18:17

Tgt Ion:	225	Resp:	85579
Ion	Ratio	Lower	Upper
225	100		
223	65.0	49.7	74.5
227	66.4	48.1	72.1

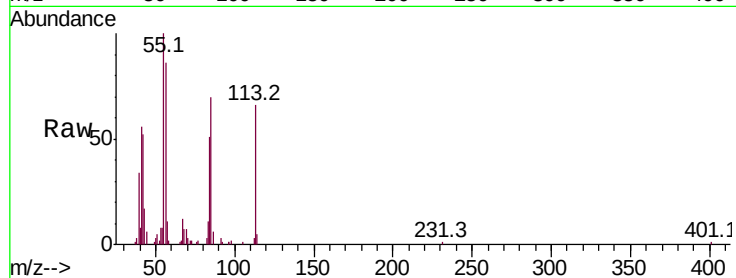




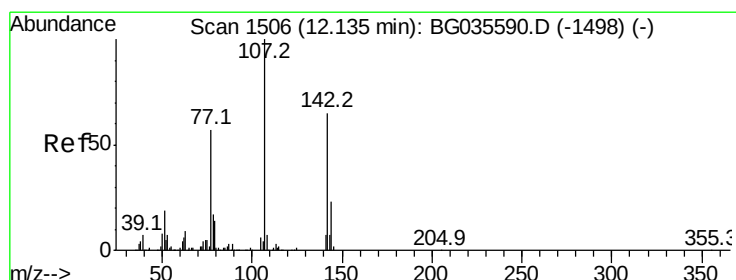
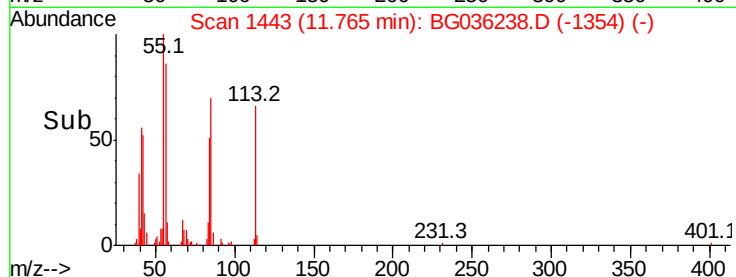
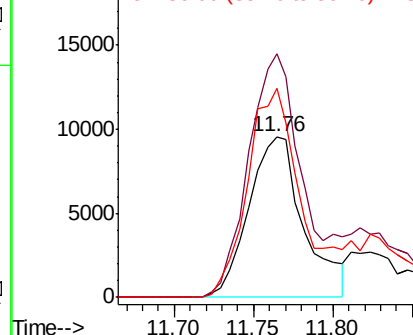
#35
 Caprolactam
 Concen: 18.471 ng
 RT: 11.76 min Scan# 1443
 Delta R.T. -0.01 min
 Lab File: BG036238.D
 Acq: 9 Aug 2018 18:17

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:113 Resp: 23010
 Ion Ratio Lower Upper
 113 100
 55 151.2 186.9 226.9#
 56 129.9 130.9 170.9#

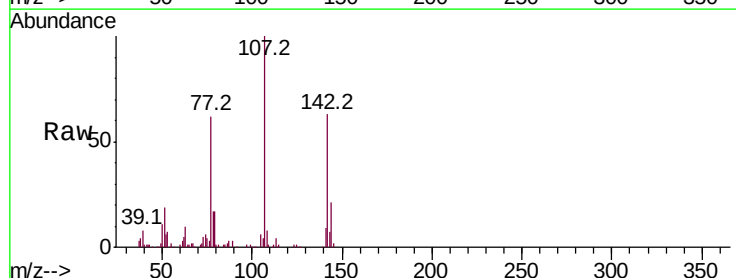


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BG
 Ion 56.00 (55.70 to 56.70): BG

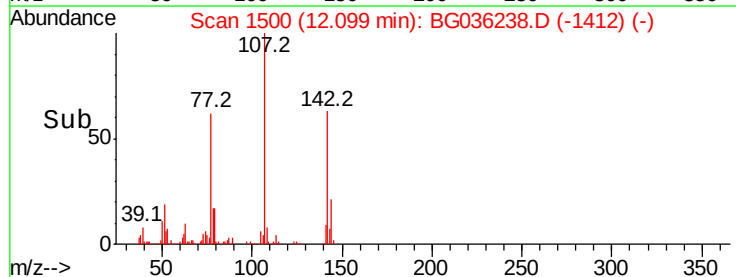
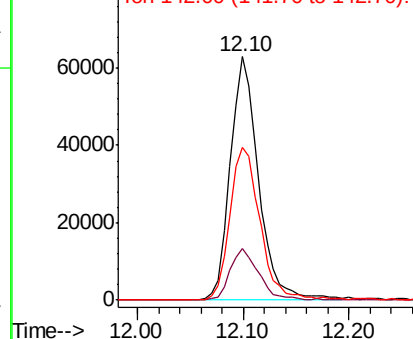


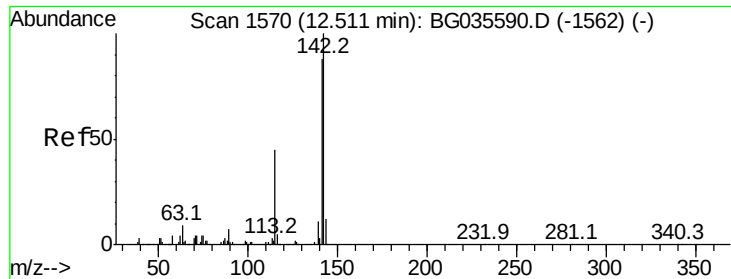
#36
 4-Chloro-3-methylphenol
 Concen: 30.034 ng
 RT: 12.10 min Scan# 1500
 Delta R.T. -0.01 min
 Lab File: BG036238.D
 Acq: 9 Aug 2018 18:17

Tgt Ion:107 Resp: 116865
 Ion Ratio Lower Upper
 107 100
 144 21.4 18.2 27.4
 142 62.6 59.0 88.4



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





#37

2-Methylnaphthalene

Concen: 30.033 ng

RT: 12.46 min Scan# 1562

Delta R.T. -0.02 min

Lab File: BG036238.D

Acq: 9 Aug 2018 18:17

Instrument :

BNA_G

ClientSampleId :

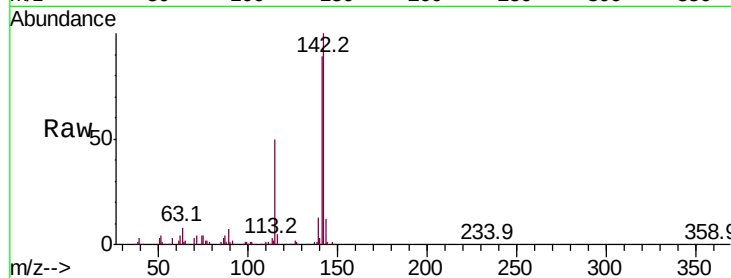
Tot Ion:142 Resp: 204801

Ion Ratio Lower Upper

142 100

141 89.4 67.1 100.7

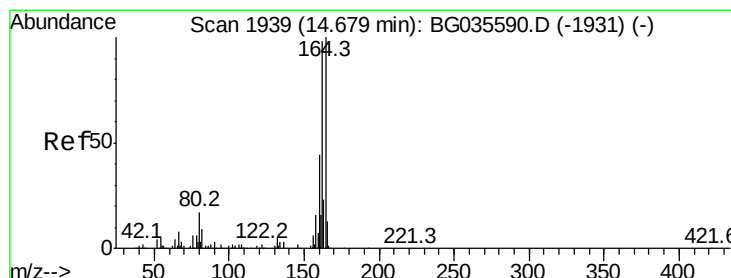
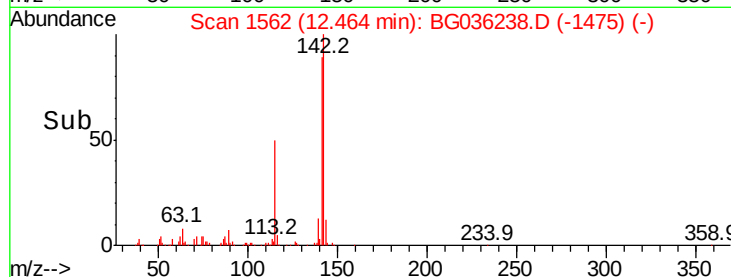
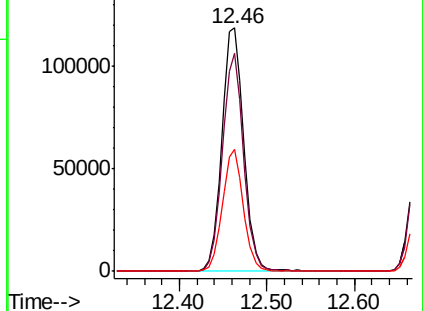
115 50.0 30.7 46.1#



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: 14.63 min Scan# 1931

Delta R.T. -0.02 min

Lab File: BG036238.D

Acq: 9 Aug 2018 18:17

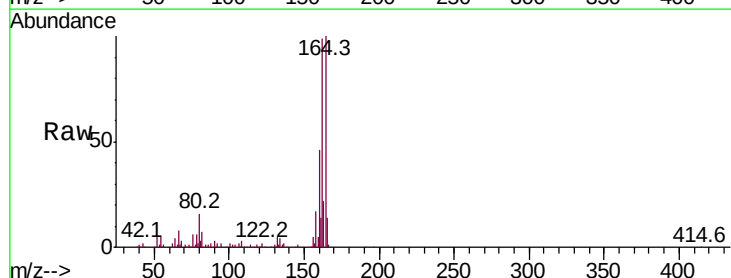
Tgt Ion:164 Resp: 132982

Ion Ratio Lower Upper

164 100

162 98.9 78.8 118.2

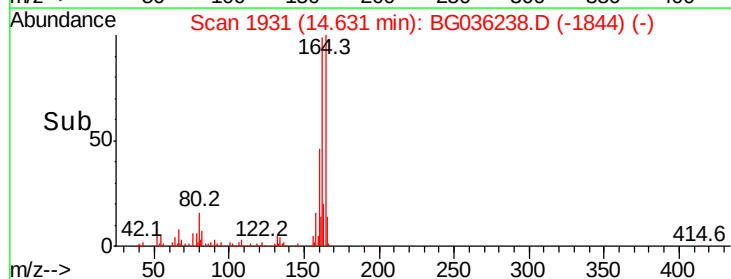
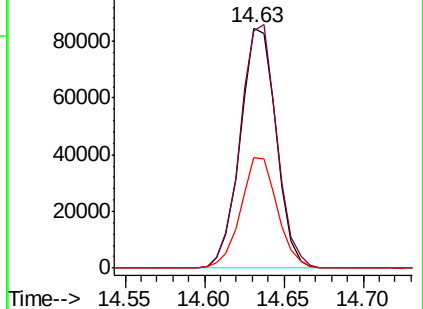
160 46.2 35.4 53.0

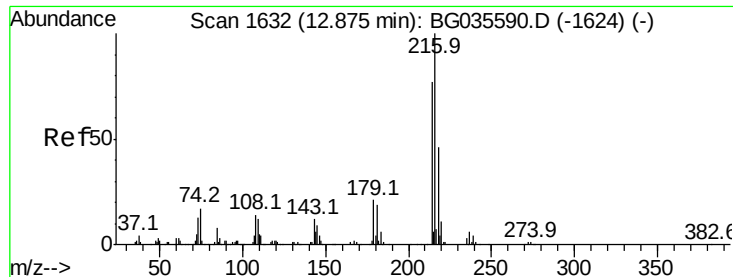


Abundance Ion 164.00 (163.70 to 164.70): E

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: 29.051 ng

RT: 12.83 min Scan# 1624

Delta R.T. -0.02 min

Lab File: BG036238.D

Acq: 9 Aug 2018 18:17

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 145812

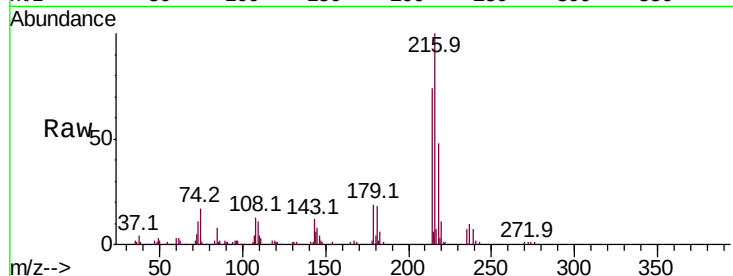
Ion Ratio Lower Upper

216 100

214 78.1 63.0 94.4

179 19.2 17.0 25.6

108 17.2 12.8 19.2

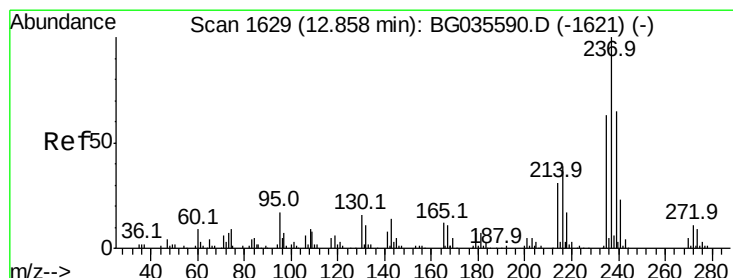
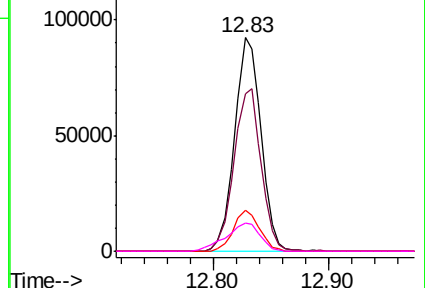
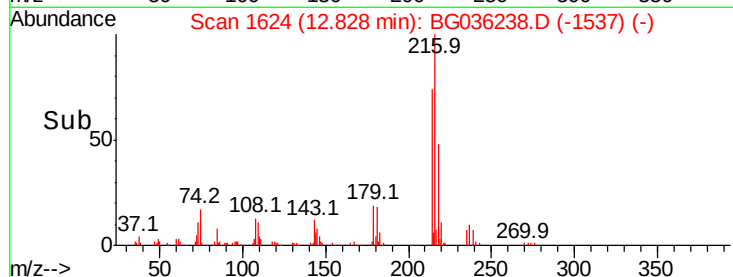


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 63.270 ng

RT: 12.80 min Scan# 1620

Delta R.T. -0.02 min

Lab File: BG036238.D

Acq: 9 Aug 2018 18:17

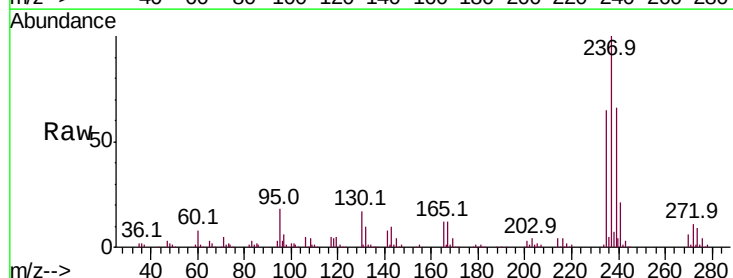
Tgt Ion:237 Resp: 166545

Ion Ratio Lower Upper

237 100

235 65.3 50.4 90.4

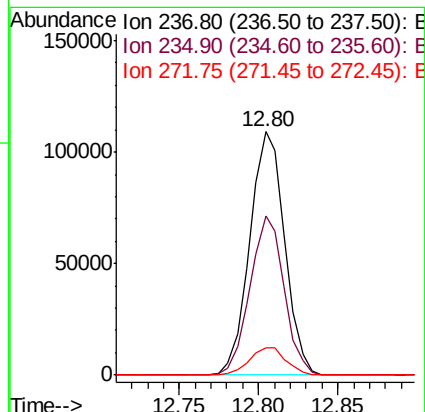
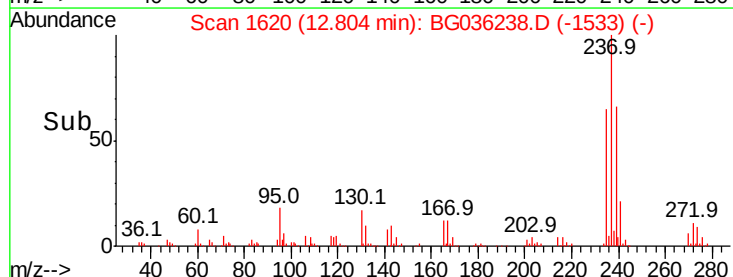
272 11.0 0.0 31.8

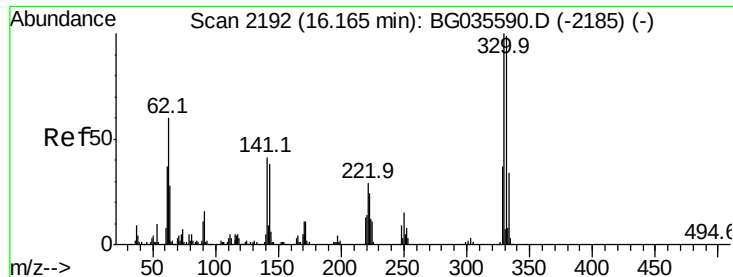


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

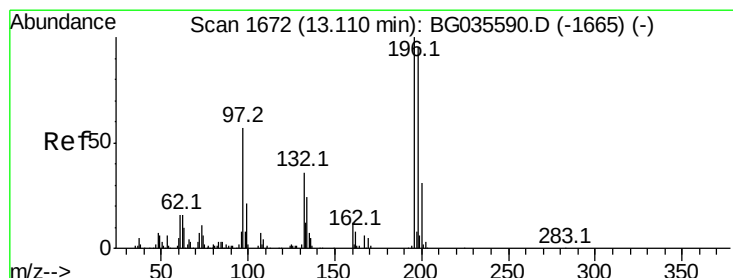
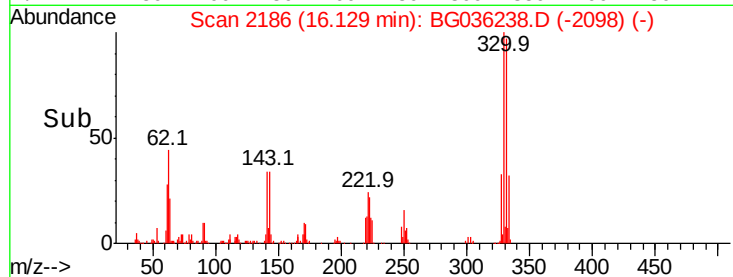
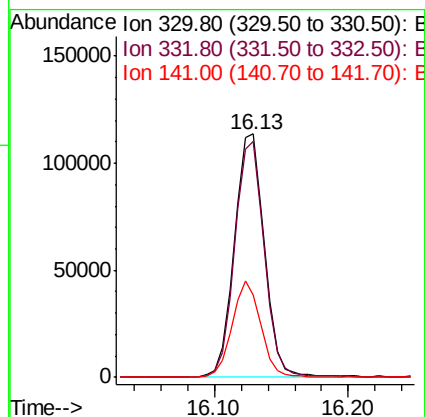
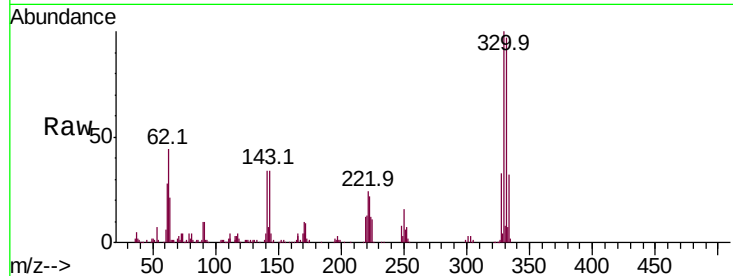




#41
 2,4,6-Tribromophenol
 Concen: 101.648 ng
 RT: 16.13 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: BG036238.D
 Acq: 9 Aug 2018 18:17

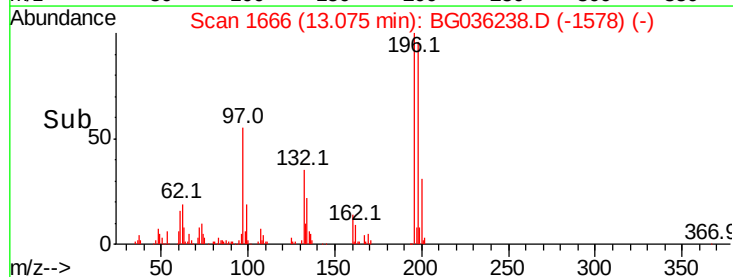
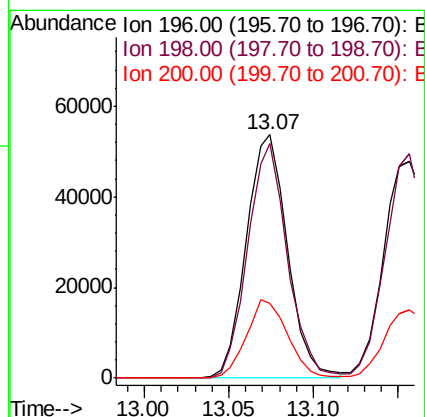
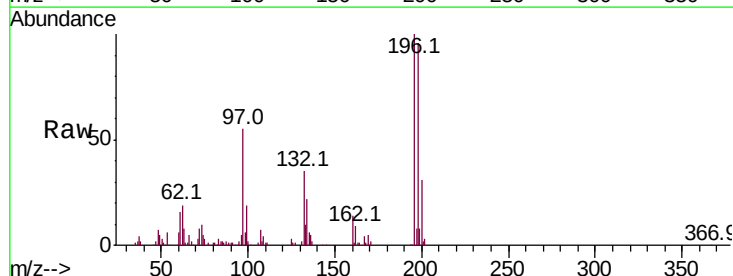
Instrument :
 BNA_G
 ClientSampled :

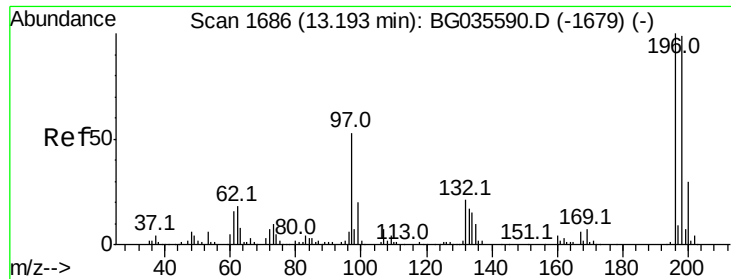
Tot Ion:330 Resp: 178168
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.0 115.6
 141 37.9 25.2 37.8#



#42
 2,4,6-Trichlorophenol
 Concen: 31.048 ng
 RT: 13.07 min Scan# 1666
 Delta R.T. -0.01 min
 Lab File: BG036238.D
 Acq: 9 Aug 2018 18:17

Tgt Ion:196 Resp: 91134
 Ion Ratio Lower Upper
 196 100
 198 96.2 78.2 117.2
 200 30.8 24.6 36.8

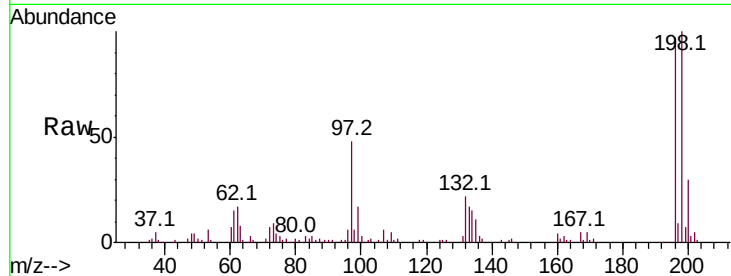




#43
 2,4,5-Trichlorophenol
 Concen: 29.799 ng
 RT: 13.16 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: BG036238.D
 Acq: 9 Aug 2018 18:17

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	196	Resp	97849
Ion	Ratio	Lower	Upper
196	100		
198	103.6	76.2	114.4
97	49.8	38.7	58.1
132	22.8	20.2	30.2



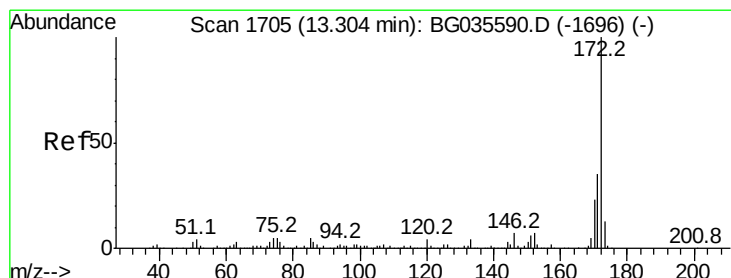
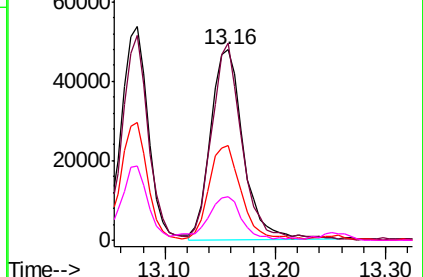
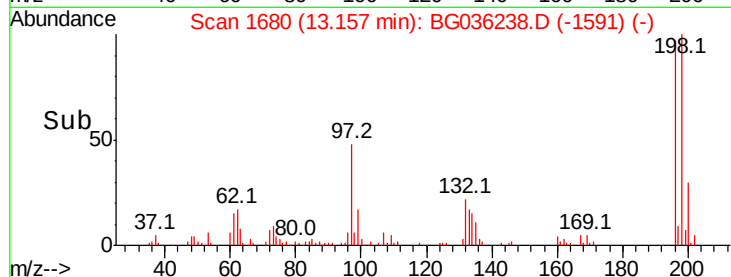
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

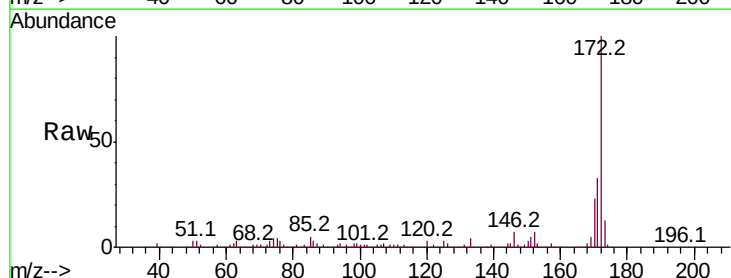
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 55.841 ng
 RT: 13.26 min Scan# 1697
 Delta R.T. -0.02 min
 Lab File: BG036238.D
 Acq: 9 Aug 2018 18:17

Tgt Ion	172	Resp	554276
Ion	Ratio	Lower	Upper
172	100		
171	33.3	30.0	45.0
170	22.8	19.5	29.3

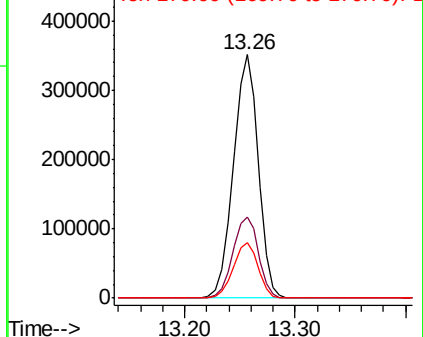
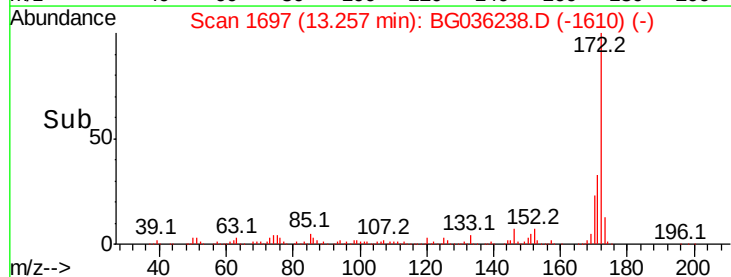


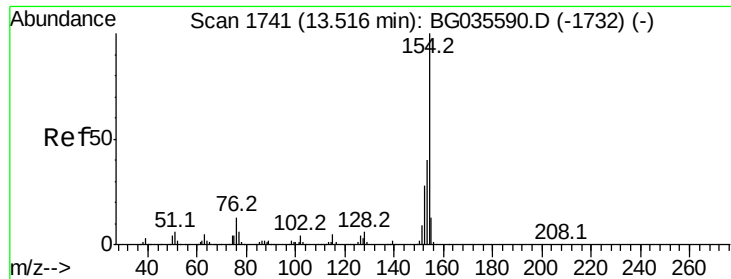
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

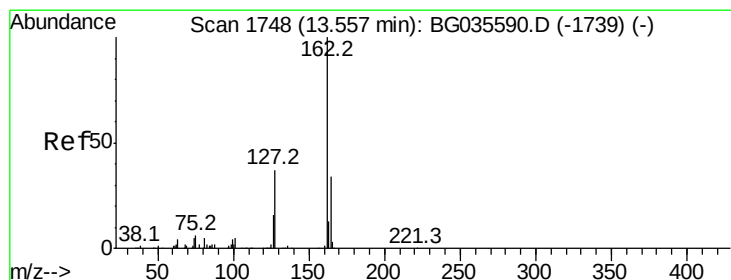
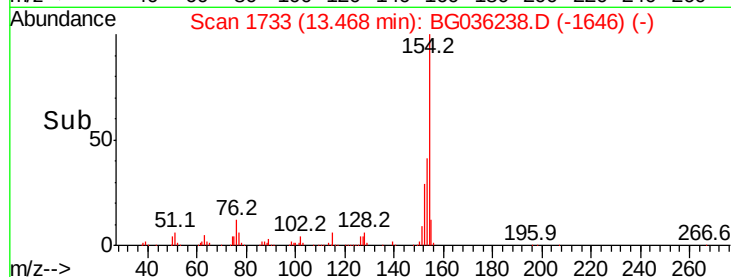
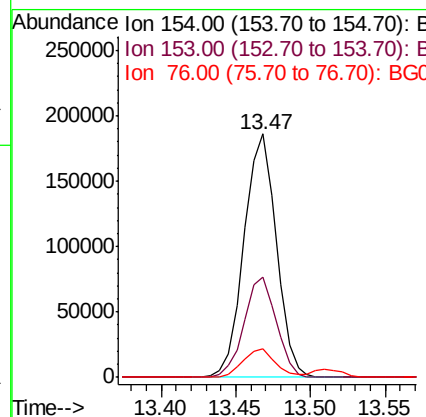
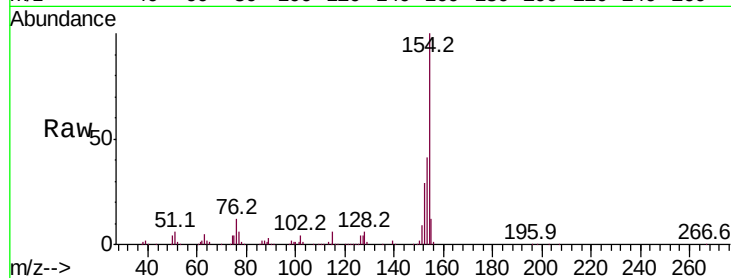




#45
 1,1'-Biphenyl
 Concen: 27.065 ng
 RT: 13.47 min Scan# 1733
 Delta R.T. -0.02 min
 Lab File: BG036238.D
 Acq: 9 Aug 2018 18:17

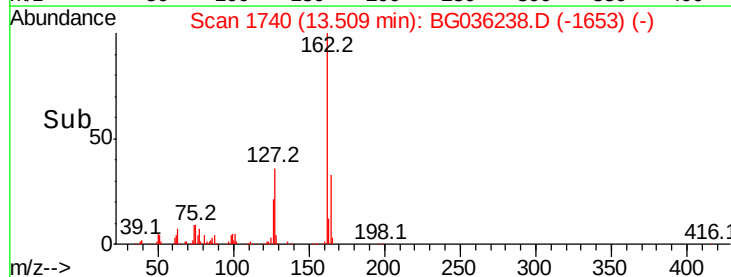
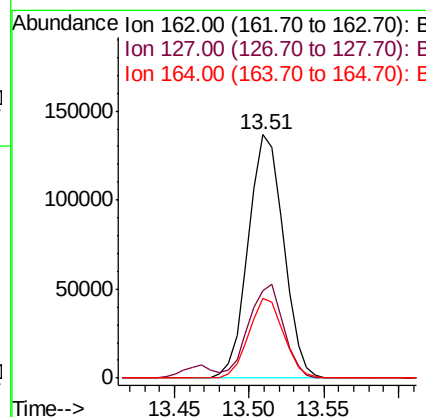
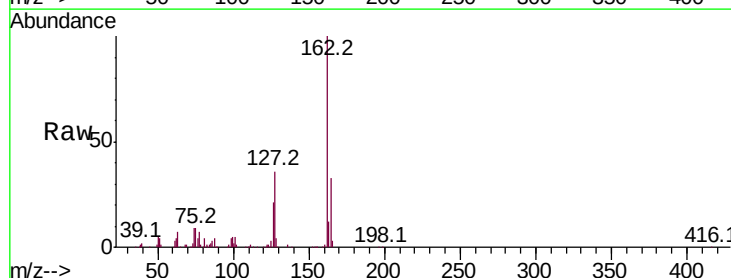
Instrument :
 BNA_G
 ClientSampled :

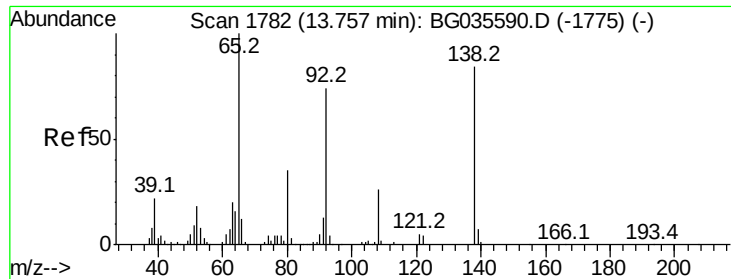
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.4	19.8	59.8
76	11.7	0.0	31.9



#46
 2-Chloronaphthalene
 Concen: 27.827 ng
 RT: 13.51 min Scan# 1740
 Delta R.T. -0.02 min
 Lab File: BG036238.D
 Acq: 9 Aug 2018 18:17

Tgt Ion	Ratio	Lower	Upper
162	100		
127	36.0	30.7	46.1
164	32.7	26.0	39.0





#47

2-Nitroaniline

Concen: 27.119 ng

RT: 13.72 min Scan# 1776

Delta R.T. -0.01 min

Lab File: BG036238.D

Acq: 9 Aug 2018 18:17

Instrument :

BNA_G

ClientSampled :

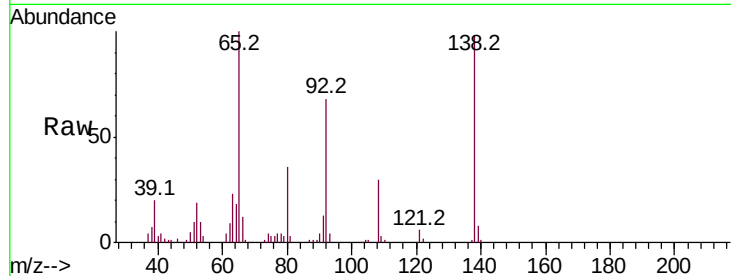
Tot Ion: 65 Resp: 76888

Ion Ratio Lower Upper

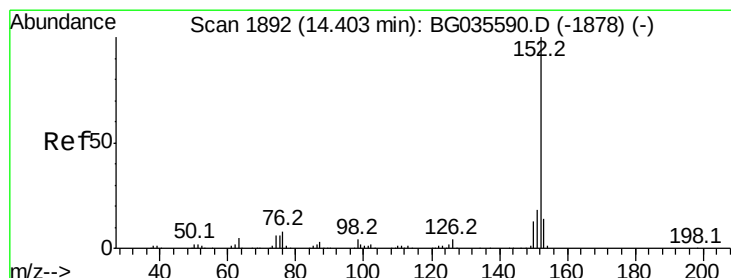
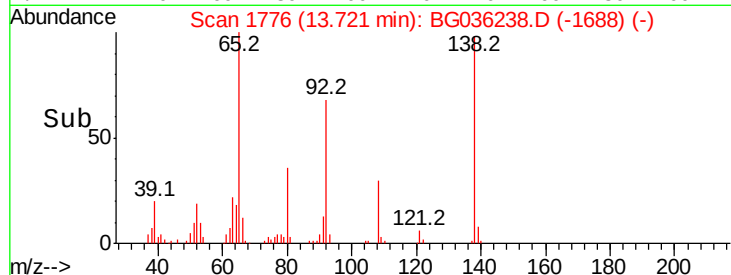
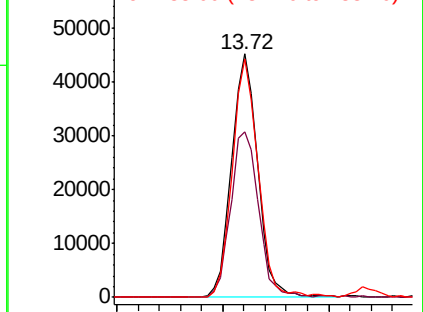
65 100

92 68.2 54.6 82.0

138 98.0 72.9 109.3



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#48

Acenaphthylene

Concen: 27.330 ng

RT: 14.36 min Scan# 1884

Delta R.T. -0.02 min

Lab File: BG036238.D

Acq: 9 Aug 2018 18:17

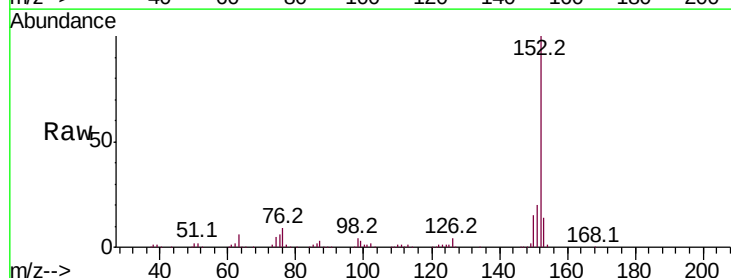
Tgt Ion: 152 Resp: 367147

Ion Ratio Lower Upper

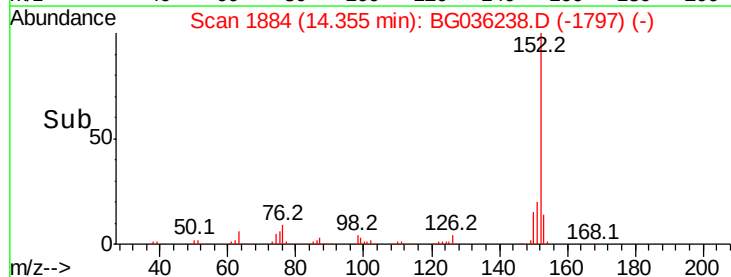
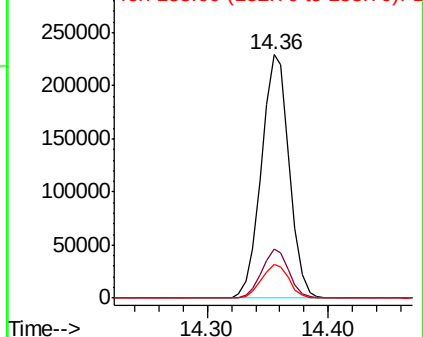
152 100

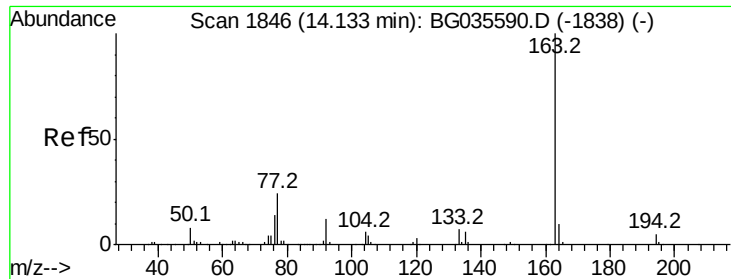
151 20.0 17.2 25.8

153 13.8 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): BGC
Ion 151.00 (150.70 to 151.70): BGC
Ion 153.00 (152.70 to 153.70): BGC





#49

Dimethylphthalate

Concen: 26.395 ng

RT: 14.09 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BG036238.D

Acq: 9 Aug 2018 18:17

Instrument :

BNA_G

ClientSampled :

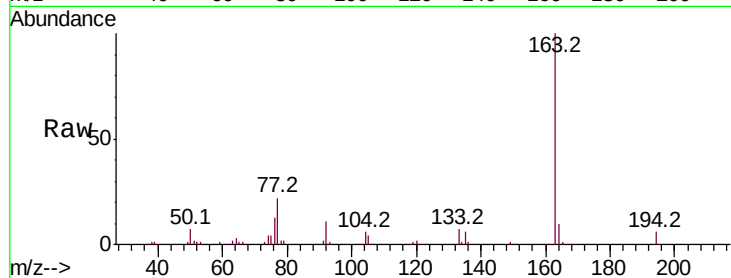
Tot Ion:163 Resp: 307538

Ion Ratio Lower Upper

163 100

194 5.6 3.4 5.2#

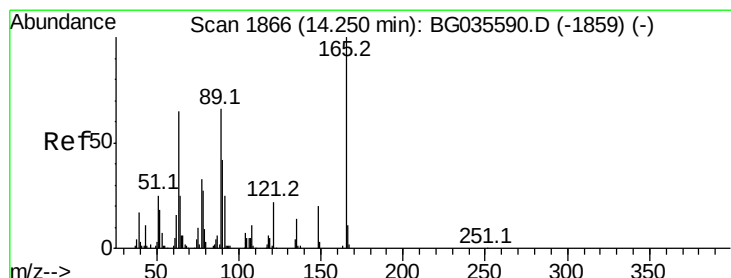
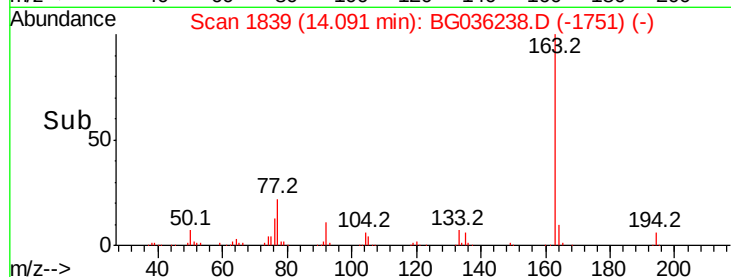
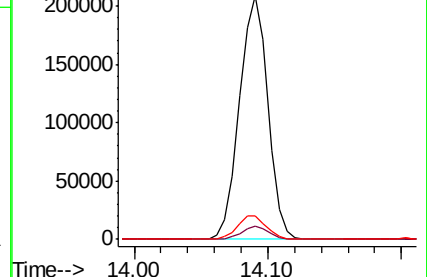
164 9.9 8.2 12.4



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: 30.122 ng

RT: 14.21 min Scan# 1859

Delta R.T. -0.02 min

Lab File: BG036238.D

Acq: 9 Aug 2018 18:17

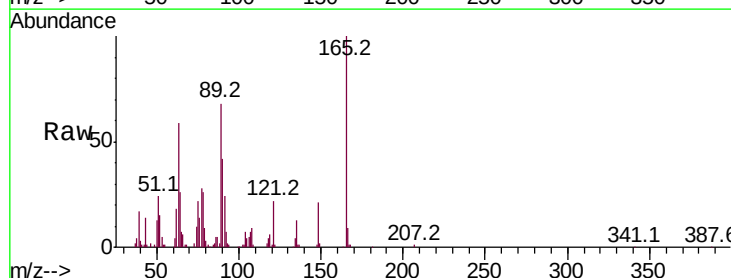
Tgt Ion:165 Resp: 71468

Ion Ratio Lower Upper

165 100

63 58.6 52.7 79.1

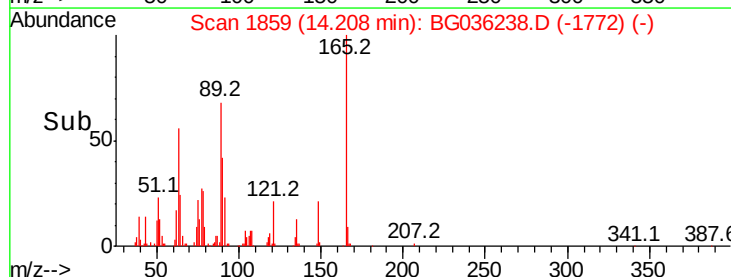
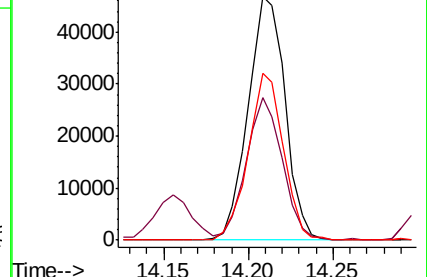
89 68.4 49.2 73.8

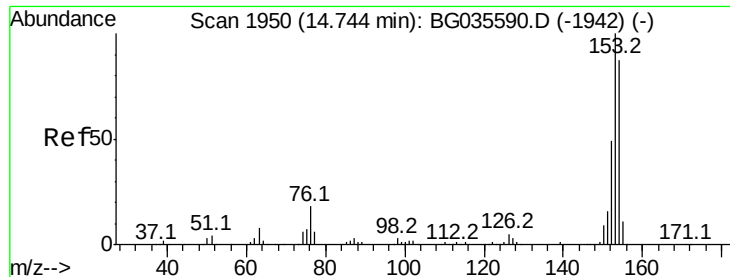


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 25.546 ng

RT: 14.70 min Scan# 1942

Delta R.T. -0.02 min

Lab File: BG036238.D

Acq: 9 Aug 2018 18:17

Instrument :

BNA_G

ClientSampleId :

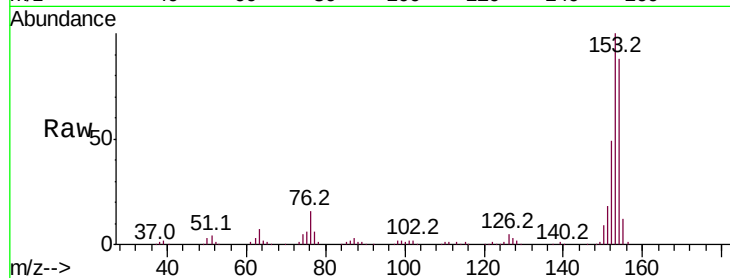
Tot Ion:154 Resp: 213774

Ion Ratio Lower Upper

154 100

153 113.2 90.4 135.6

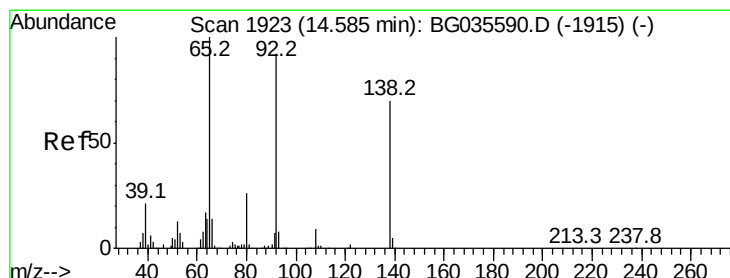
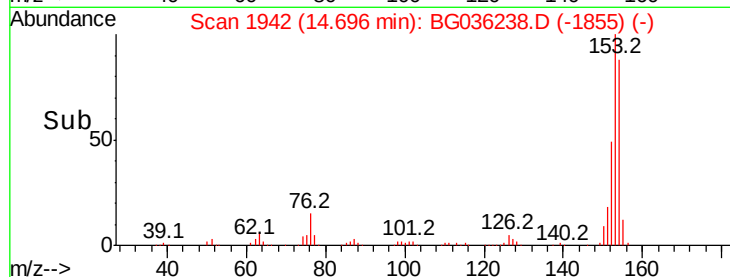
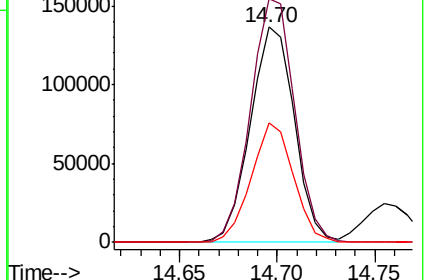
152 55.3 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 20.869 ng

RT: 14.55 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BG036238.D

Acq: 9 Aug 2018 18:17

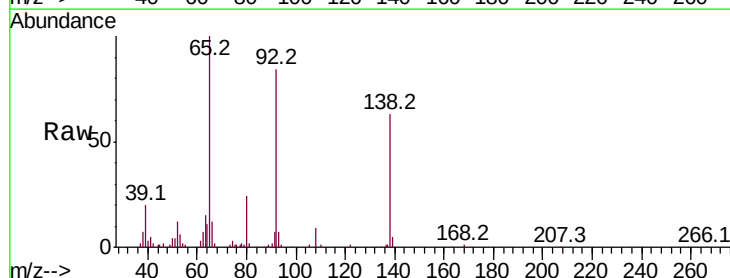
Tgt Ion:138 Resp: 50606

Ion Ratio Lower Upper

138 100

108 14.0 17.5 26.3#

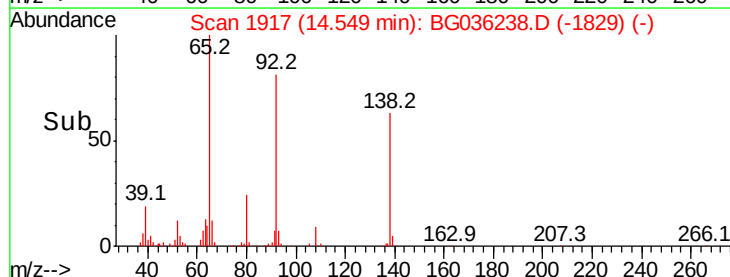
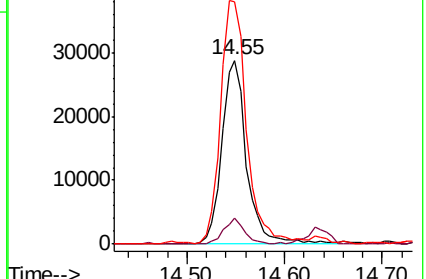
92 131.9 105.8 158.8

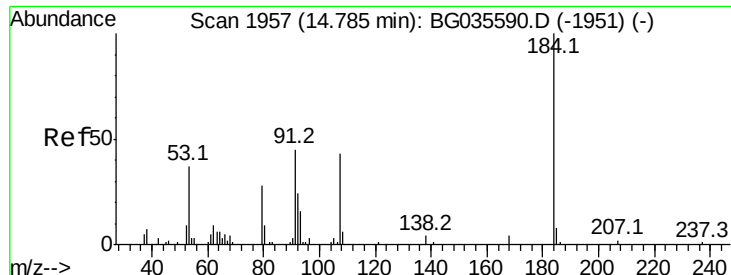


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

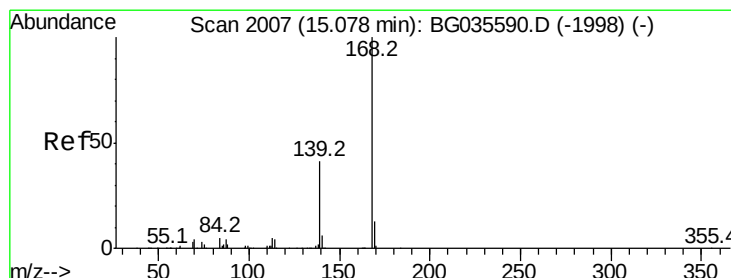
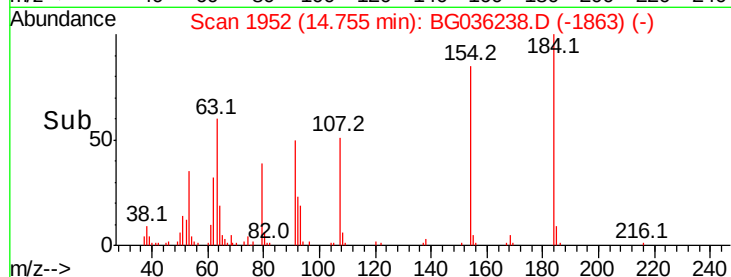
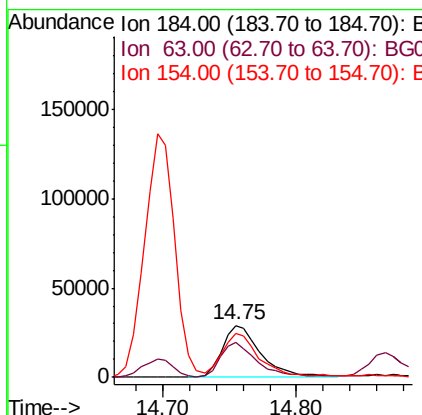
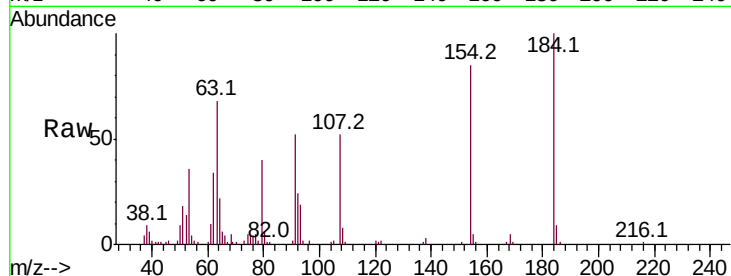




#53
 2,4-Dinitrophenol
 Concen: 50.352 ng
 RT: 14.75 min Scan# 1952
 Delta R.T. -0.01 min
 Lab File: BG036238.D
 Acq: 9 Aug 2018 18:17

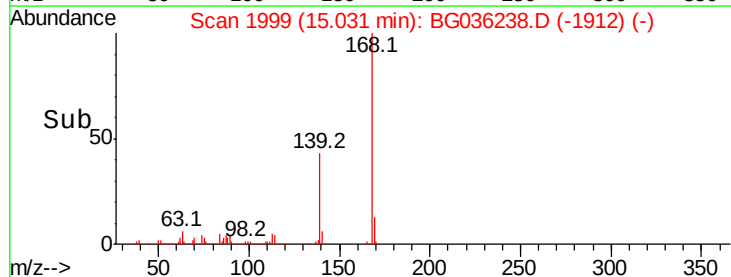
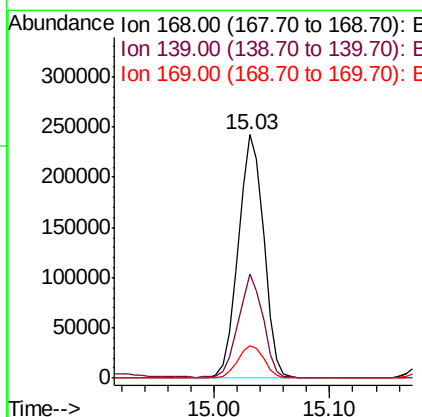
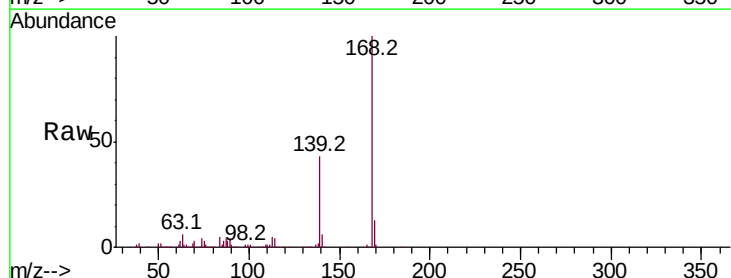
Instrument :
 BNA_G
 ClientSampleId :

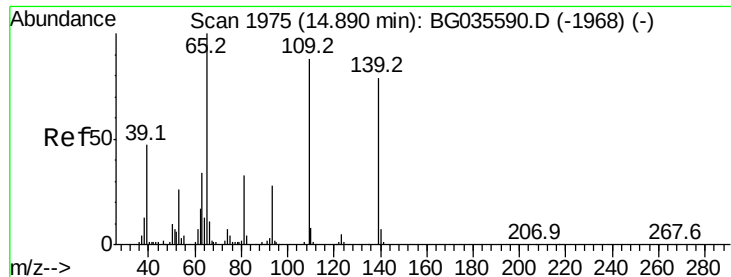
Tot Ion:184 Resp: 58191
 Ion Ratio Lower Upper
 184 100
 63 68.3 59.8 89.8
 154 84.8 101.8 152.8#



#54
 Dibenzofuran
 Concen: 27.733 ng
 RT: 15.03 min Scan# 1999
 Delta R.T. -0.02 min
 Lab File: BG036238.D
 Acq: 9 Aug 2018 18:17

Tgt Ion:168 Resp: 369096
 Ion Ratio Lower Upper
 168 100
 139 42.6 28.6 43.0
 169 13.2 11.2 16.8

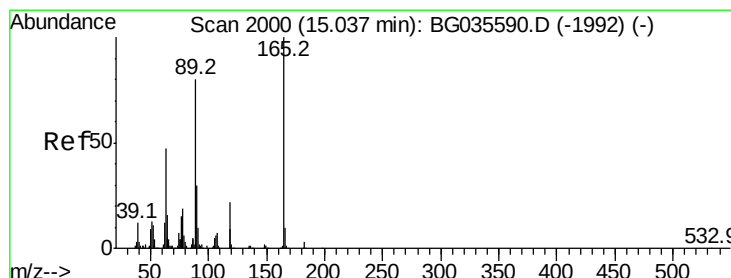
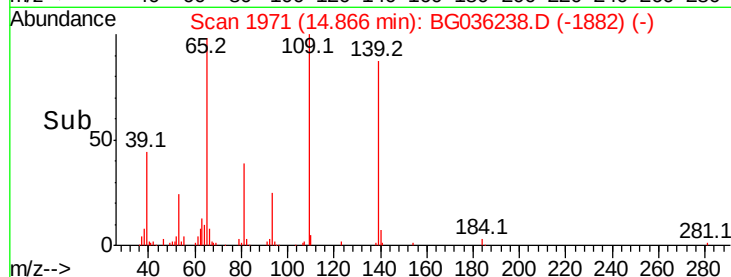
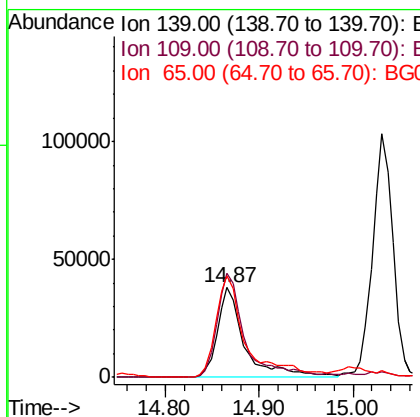
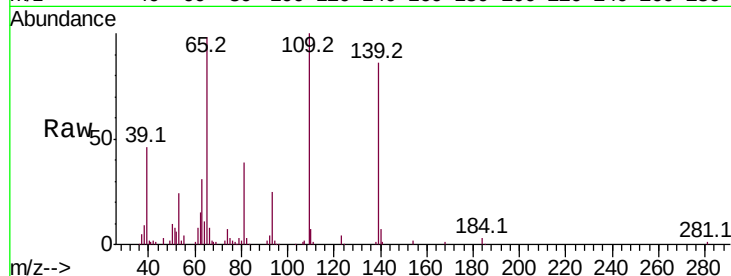




#55
4-Nitrophenol
Concen: 44.613 ng
RT: 14.87 min Scan# 1971
Delta R.T. -0.01 min
Lab File: BG036238.D
Acq: 9 Aug 2018 18:17

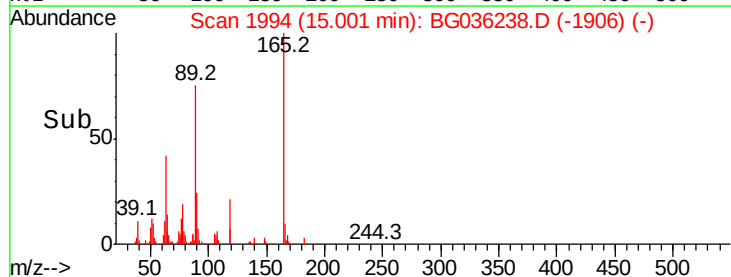
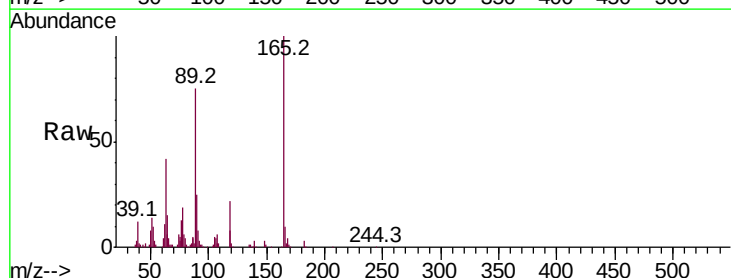
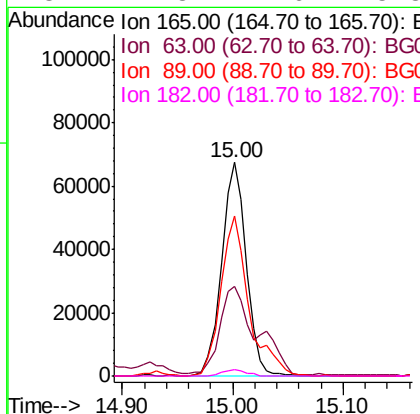
Instrument :
BNA_G
ClientSampleId :

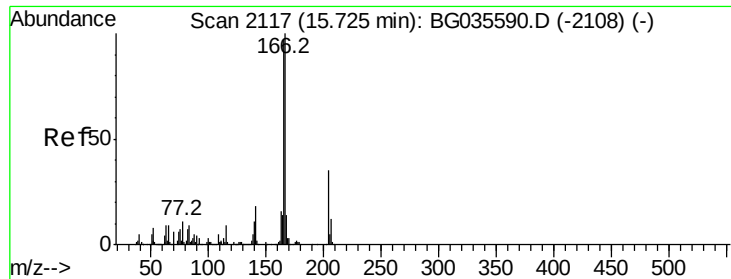
Tot Ion:139 Resp: 77045
Ion Ratio Lower Upper
139 100
109 115.7 62.2 102.2#
65 113.2 97.2 137.2



#56
2,4-Dinitrotoluene
Concen: 30.756 ng
RT: 15.00 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BG036238.D
Acq: 9 Aug 2018 18:17

Tgt Ion:165 Resp: 104689
Ion Ratio Lower Upper
165 100
63 42.2 42.0 63.0
89 75.0 66.9 100.3
182 2.8 2.6 3.8

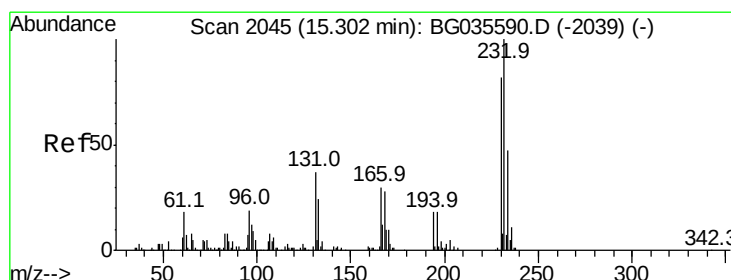
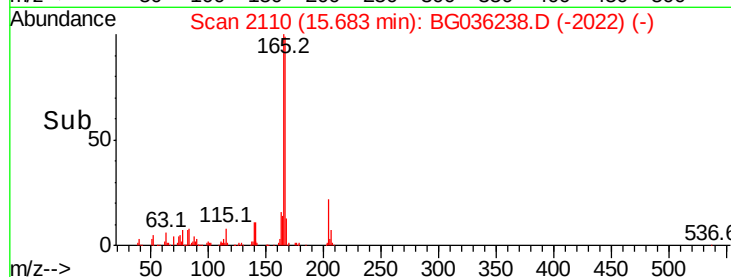
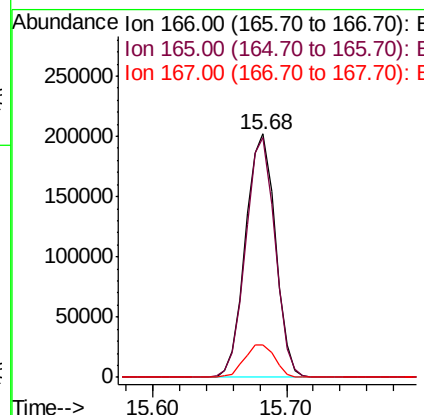
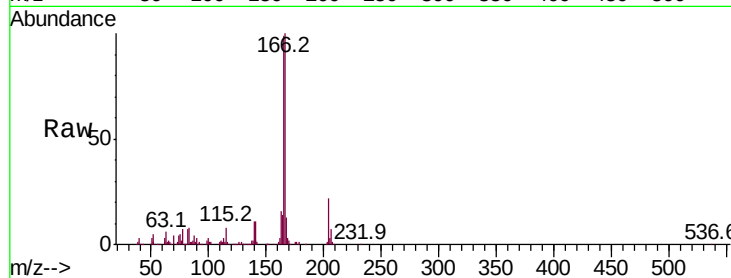




#57
 Fluorene
 Concen: 27.880 ng
 RT: 15.68 min Scan# 2110
 Delta R.T. -0.01 min
 Lab File: BG036238.D
 Acq: 9 Aug 2018 18:17

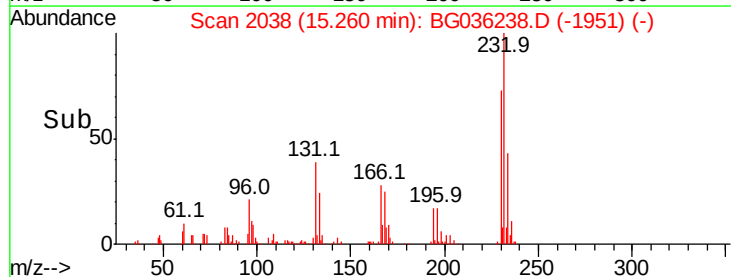
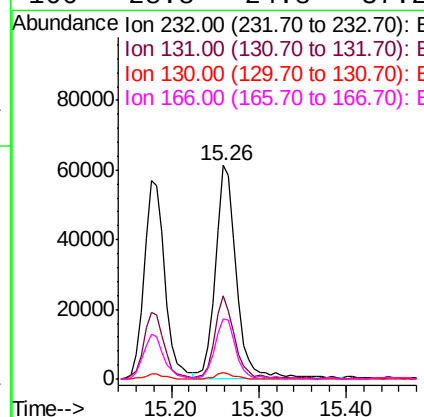
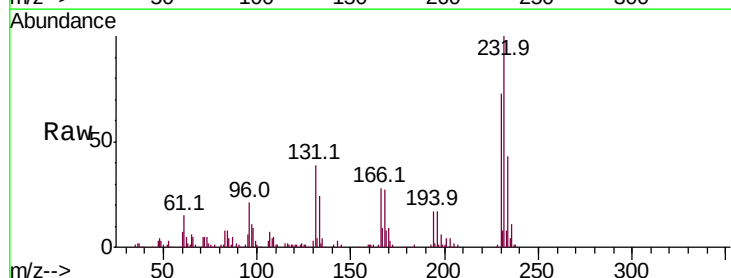
Instrument :
 BNA_G
 ClientSampleId :

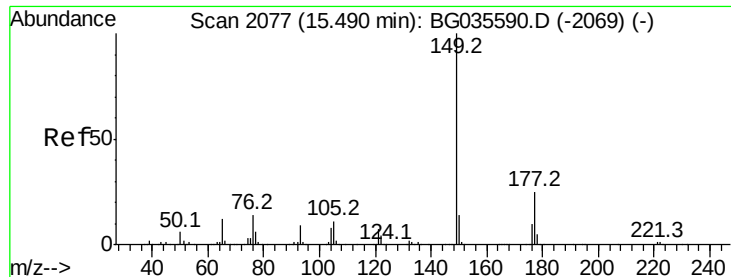
Tot Ion	Ratio	Lower	Upper
166	100		
165	98.6	80.6	121.0
167	13.3	10.4	15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 32.118 ng
 RT: 15.26 min Scan# 2038
 Delta R.T. -0.02 min
 Lab File: BG036238.D
 Acq: 9 Aug 2018 18:17

Tgt Ion	Ratio	Lower	Upper
232	100		
131	36.2	33.5	50.3
130	2.6	2.2	3.2
166	28.8	24.8	37.2

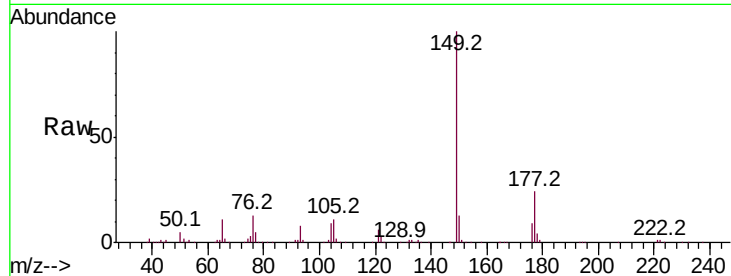




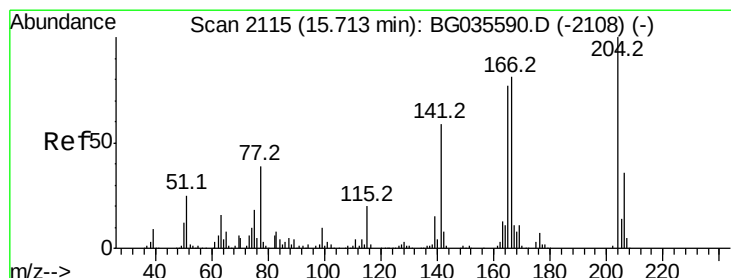
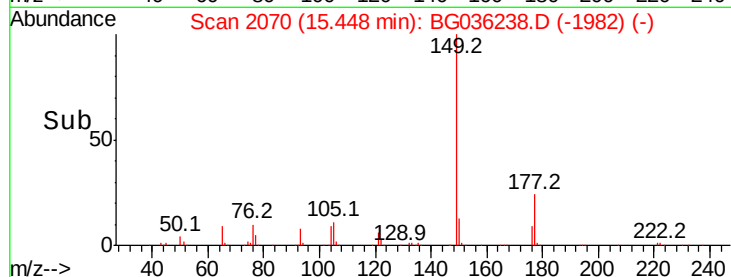
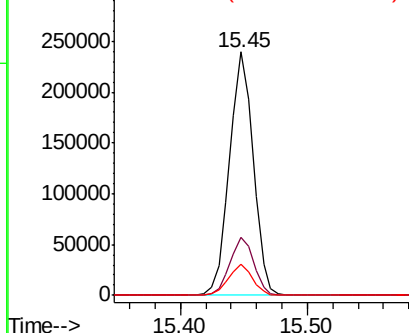
#59
Diethylphthalate
Concen: 25.855 ng
RT: 15.45 min Scan# 2070
Delta R.T. -0.01 min
Lab File: BG036238.D
Acq: 9 Aug 2018 18:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
177	23.8	18.5	27.7
150	12.6	10.2	15.2

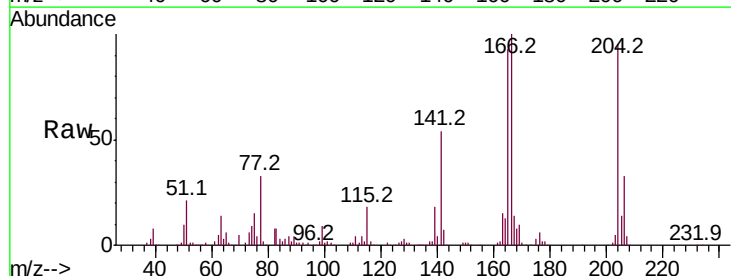


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

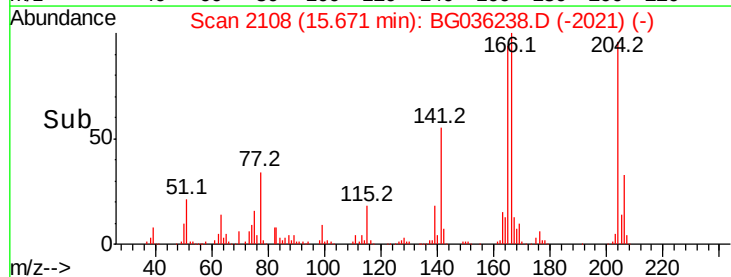
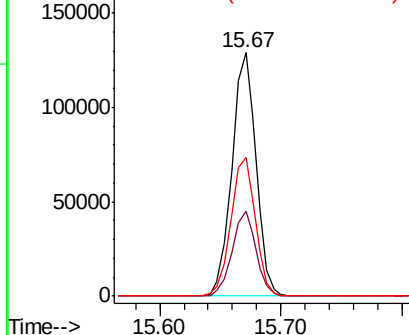


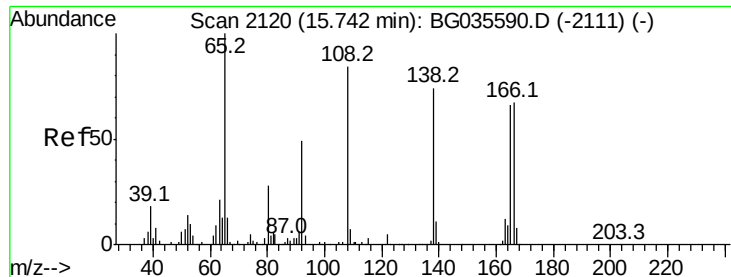
#60
4-Chlorophenyl-phenylether
Concen: 27.346 ng
RT: 15.67 min Scan# 2108
Delta R.T. -0.02 min
Lab File: BG036238.D
Acq: 9 Aug 2018 18:17

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.8	26.2	39.2
141	57.2	45.8	68.6



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

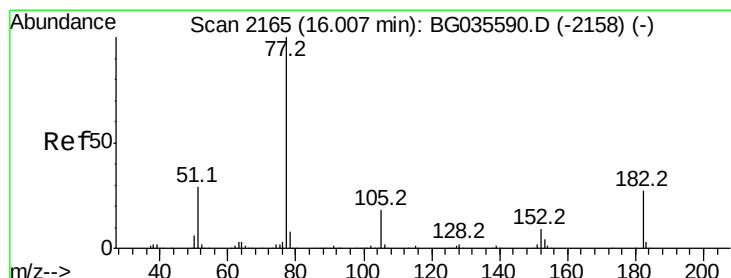
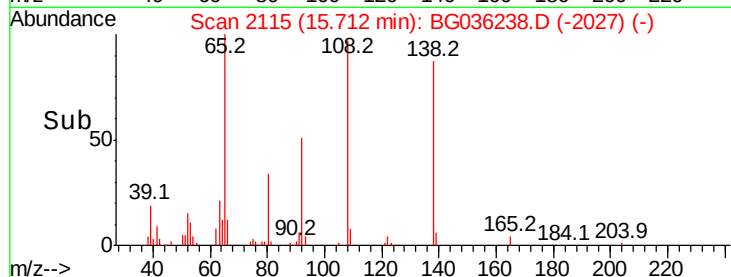
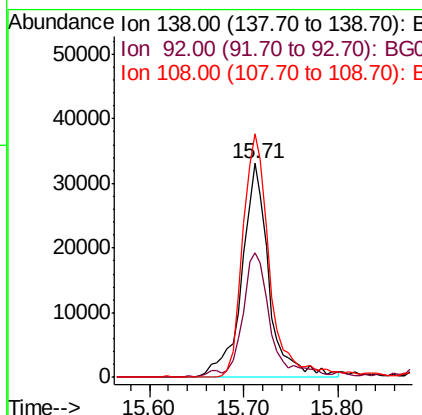
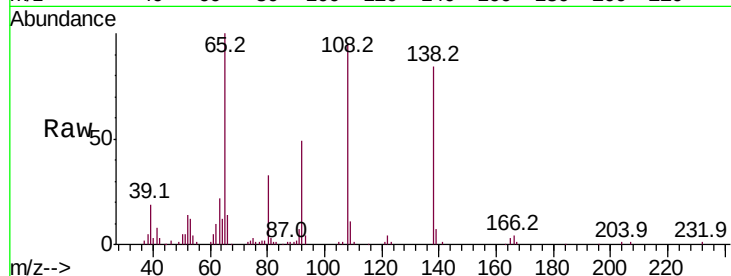




#61
4-Nitroaniline
Concen: 26.133 ng
RT: 15.71 min Scan# 2115
Delta R.T. -0.01 min
Lab File: BG036238.D
Acq: 9 Aug 2018 18:17

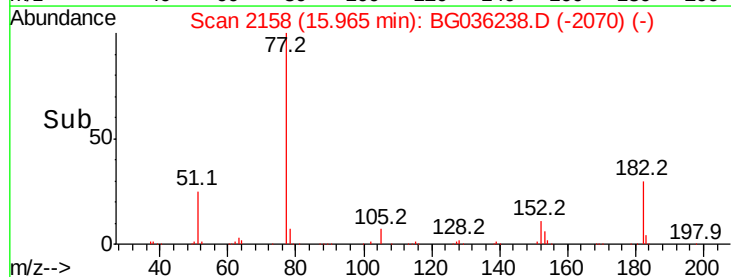
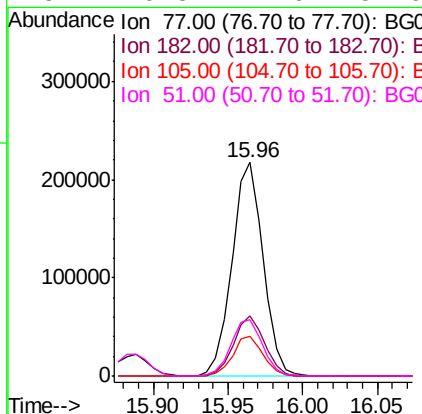
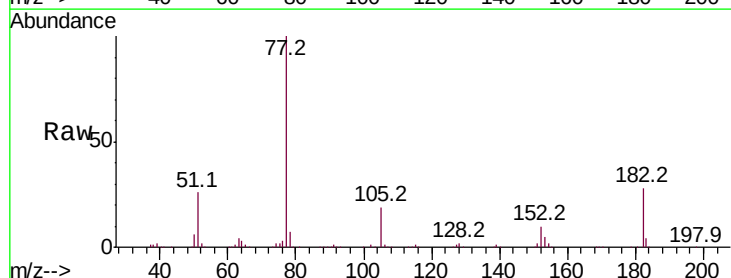
Instrument :
BNA_G
ClientSampleId :

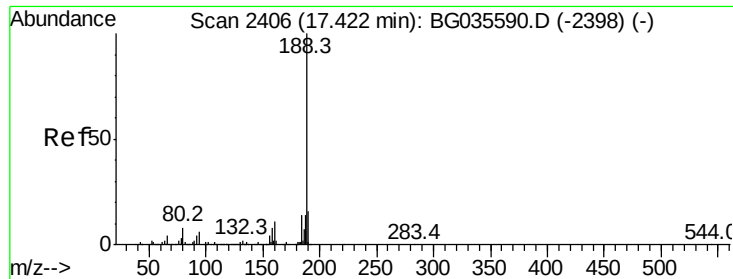
Tot Ion:138 Resp: 66291
Ion Ratio Lower Upper
138 100
92 58.4 40.1 80.1
108 113.8 65.4 105.4#



#62
Azobenzene
Concen: 26.651 ng
RT: 15.96 min Scan# 2158
Delta R.T. -0.01 min
Lab File: BG036238.D
Acq: 9 Aug 2018 18:17

Tgt Ion: 77 Resp: 314946
Ion Ratio Lower Upper
77 100
182 28.1 7.4 47.4
105 18.8 0.3 40.3
51 26.3 11.6 51.6

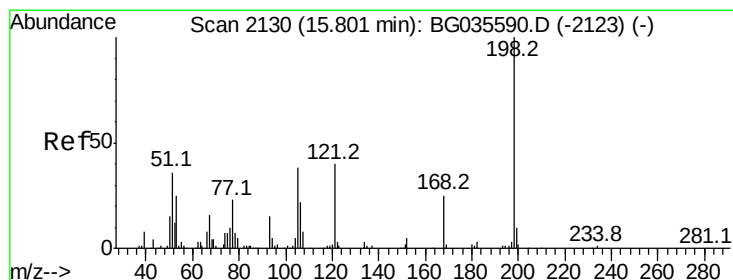
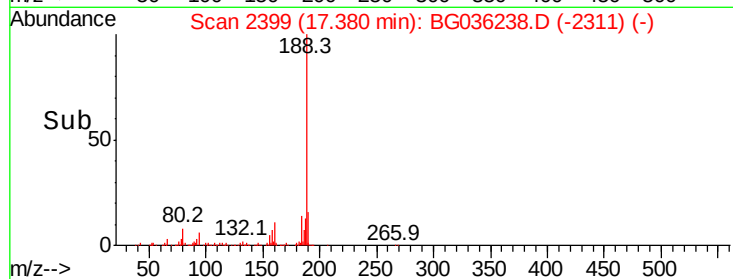
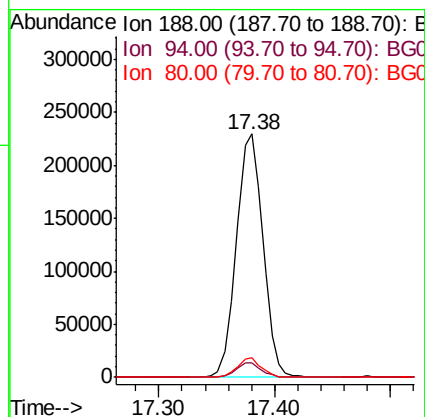
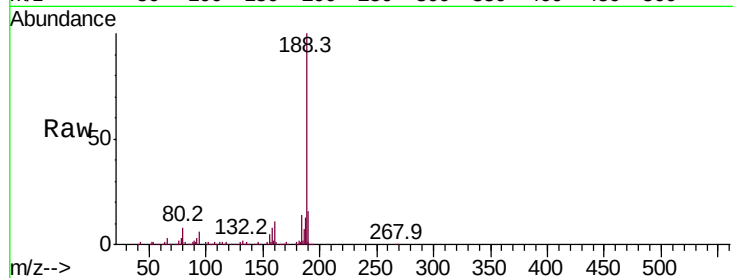




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2399
Delta R.T. -0.01 min
Lab File: BG036238.D
Acq: 9 Aug 2018 18:17

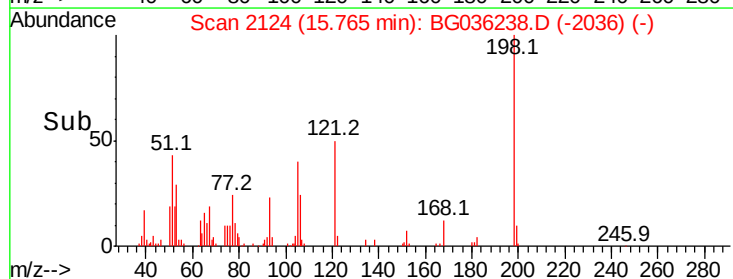
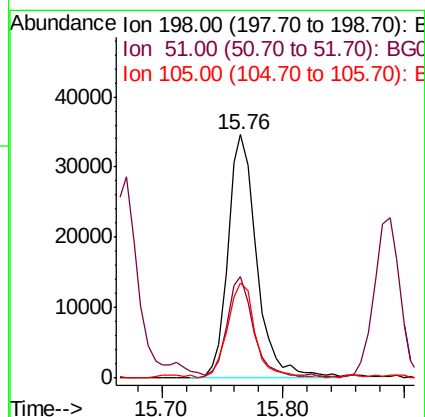
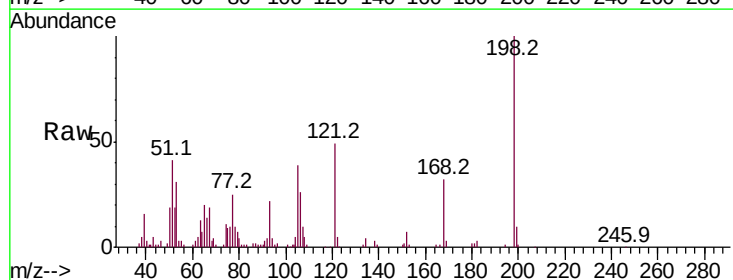
Instrument :
BNA_G
ClientSampleId :

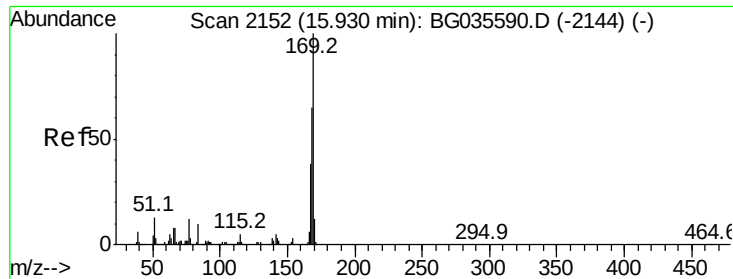
Tot Ion:188 Resp: 364993
Ion Ratio Lower Upper
188 100
94 5.7 6.9 10.3#
80 7.8 7.7 11.5



#64
4,6-Dinitro-2-methylphenol
Concen: 28.191 ng
RT: 15.76 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BG036238.D
Acq: 9 Aug 2018 18:17

Tgt Ion:198 Resp: 57279
Ion Ratio Lower Upper
198 100
51 41.4 30.6 70.6
105 38.9 23.8 63.8





#65

n-Nitrosodiphenylamine

Concen: 26.446 ng

RT: 15.89 min Scan# 2145

Delta R.T. -0.01 min

Lab File: BG036238.D

Acq: 9 Aug 2018 18:17

Instrument :

BNA_G

ClientSampled :

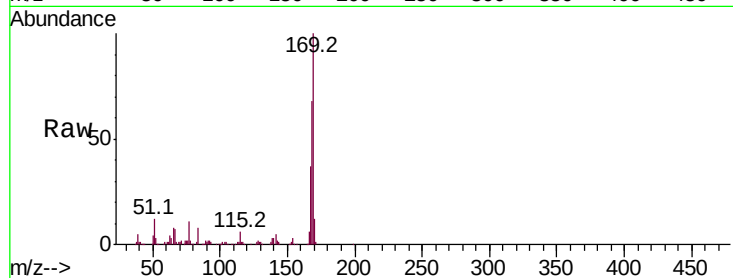
Tot Ion:169 Resp: 274746

Ion Ratio Lower Upper

169 100

168 68.1 55.7 83.5

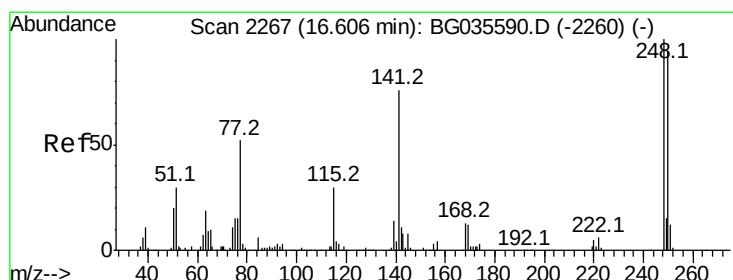
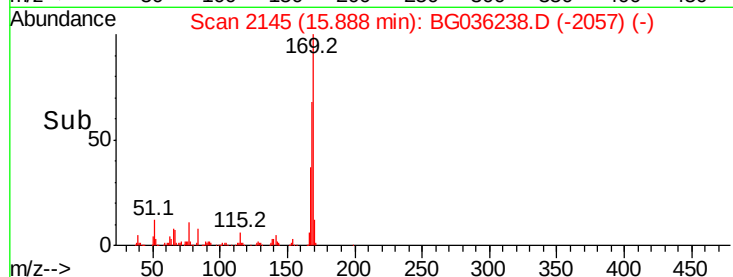
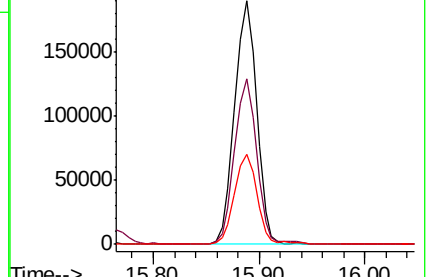
167 36.9 30.1 45.1



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: 29.146 ng

RT: 16.56 min Scan# 2260

Delta R.T. -0.02 min

Lab File: BG036238.D

Acq: 9 Aug 2018 18:17

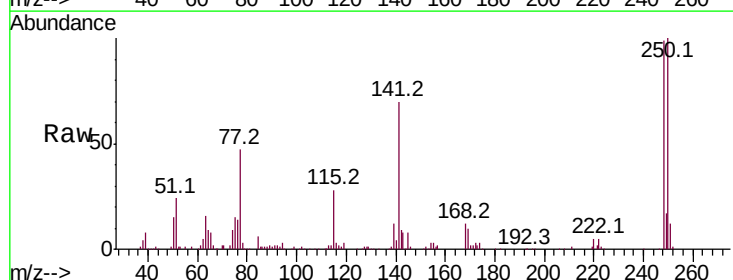
Tgt Ion:248 Resp: 123419

Ion Ratio Lower Upper

248 100

250 101.5 77.1 115.7

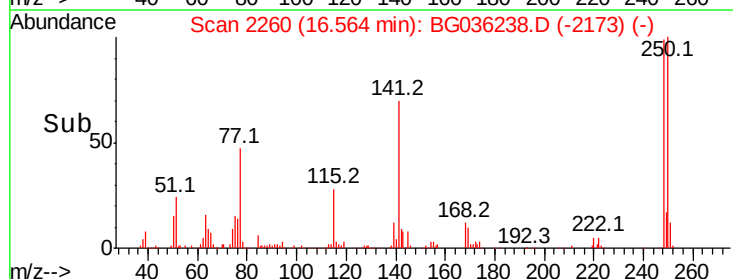
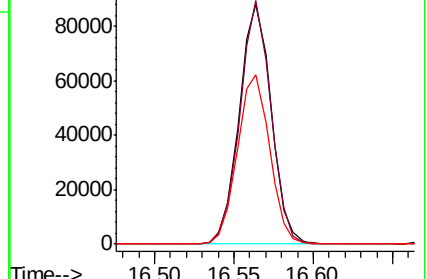
141 70.7 50.8 76.2

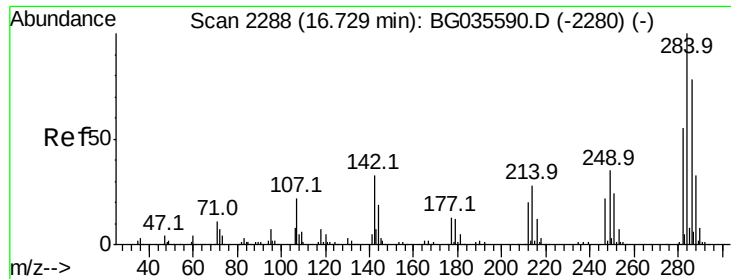


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 28.848 ng

RT: 16.69 min Scan# 2281

Delta R.T. -0.01 min

Lab File: BG036238.D

Acq: 9 Aug 2018 18:17

Instrument :

BNA_G

ClientSampled :

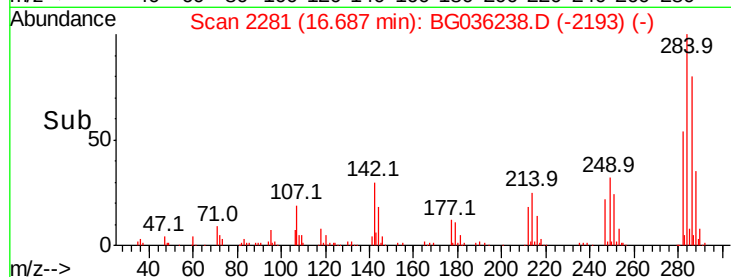
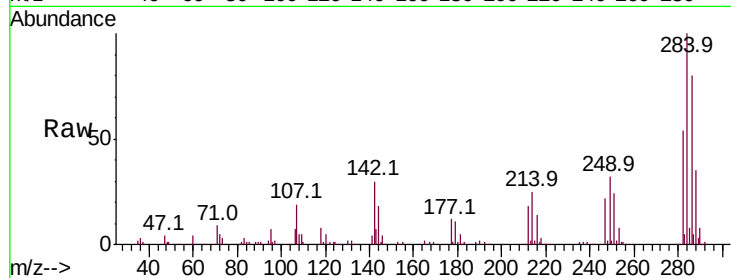
Tot Ion:284 Resp: 125798

Ion Ratio Lower Upper

284 100

142 30.0 26.8 40.2

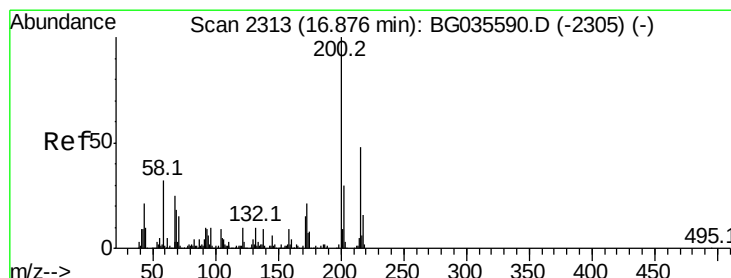
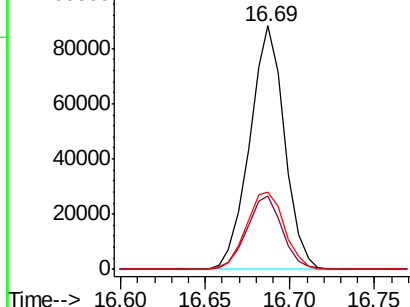
249 31.8 26.3 39.5



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: 29.552 ng

RT: 16.83 min Scan# 2306

Delta R.T. -0.01 min

Lab File: BG036238.D

Acq: 9 Aug 2018 18:17

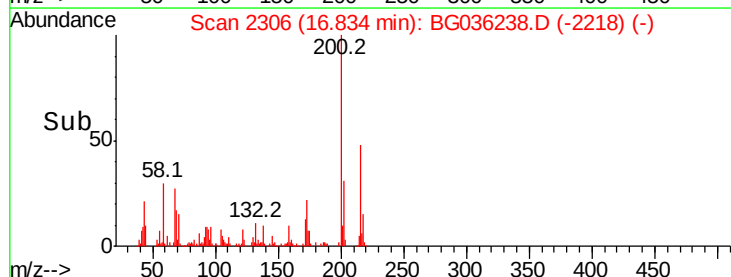
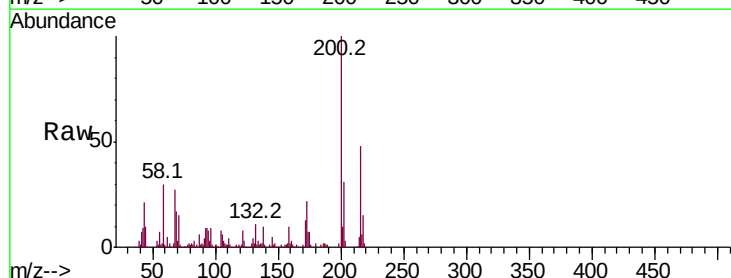
Tgt Ion:200 Resp: 126410

Ion Ratio Lower Upper

200 100

173 22.2 5.2 45.2

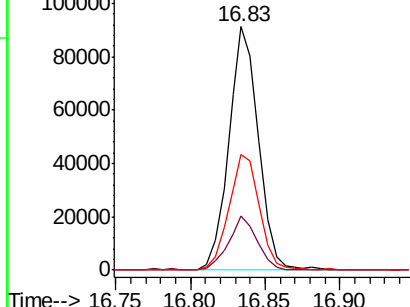
215 47.7 30.4 70.4

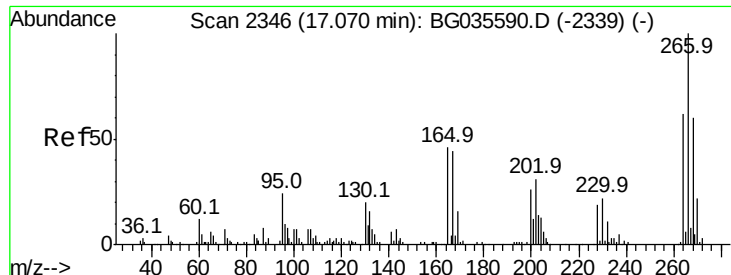


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

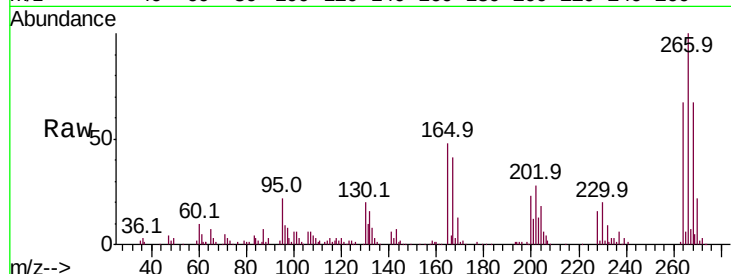




#69
 Pentachlorophenol
 Concen: 41.958 ng
 RT: 17.03 min Scan# 2340
 Delta R.T. -0.01 min
 Lab File: BG036238.D
 Acq: 9 Aug 2018 18:17

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	67.2	51.1	76.7
264	66.7	49.6	74.4

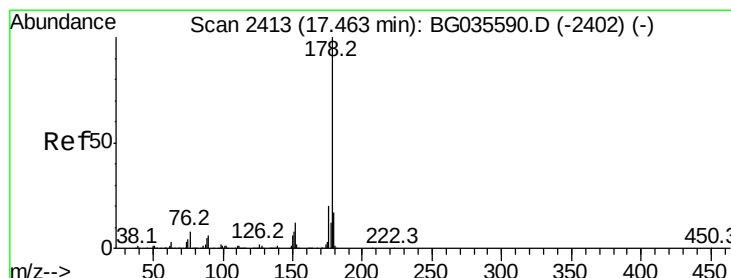
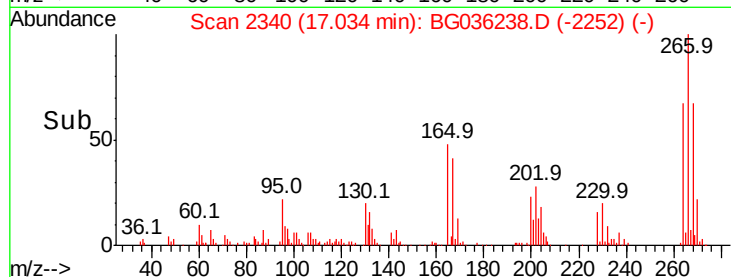
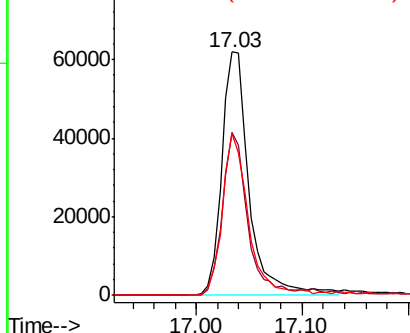


Abundance

Ion 265.70 (265.40 to 266.40): E

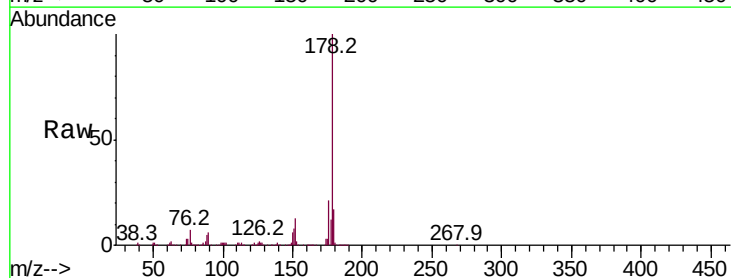
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 27.513 ng
 RT: 17.42 min Scan# 2406
 Delta R.T. -0.02 min
 Lab File: BG036238.D
 Acq: 9 Aug 2018 18:17

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.0	15.7	23.5
179	16.5	12.5	18.7

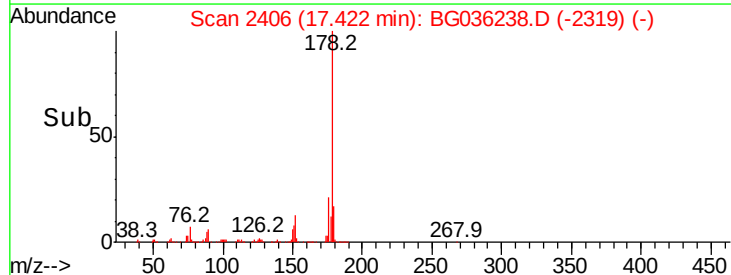
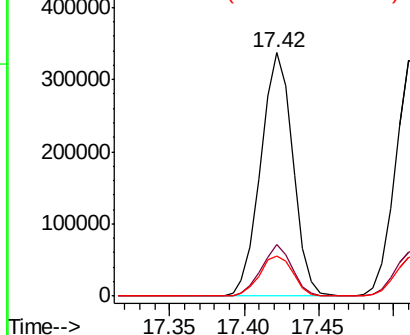


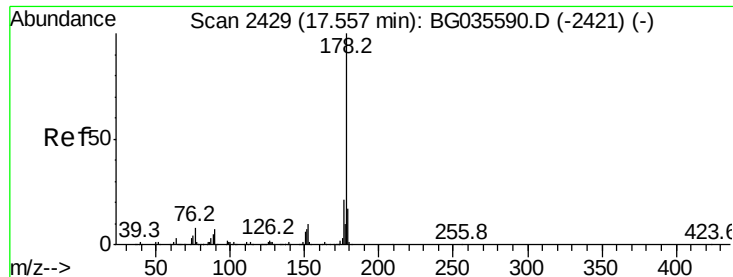
Abundance

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: 27.982 ng

RT: 17.51 min Scan# 2421

Delta R.T. -0.02 min

Lab File: BG036238.D

Acq: 9 Aug 2018 18:17

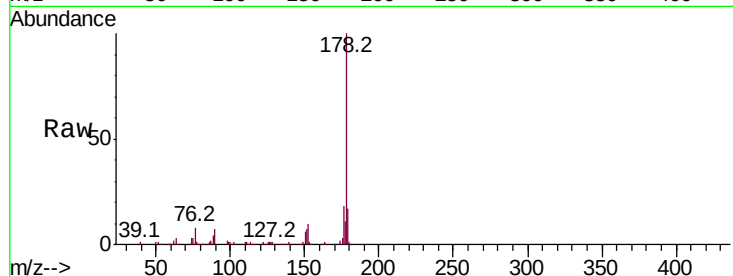
Instrument :

BNA_G

ClientSampleId :

Tot Ion:178 Resp: 507441

Ion	Ratio	Lower	Upper
178	100		
176	18.4	16.0	24.0
179	16.6	12.5	18.7



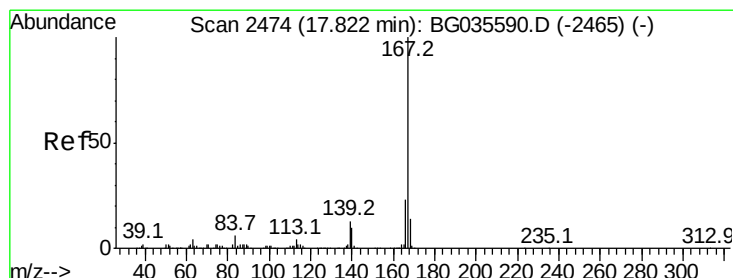
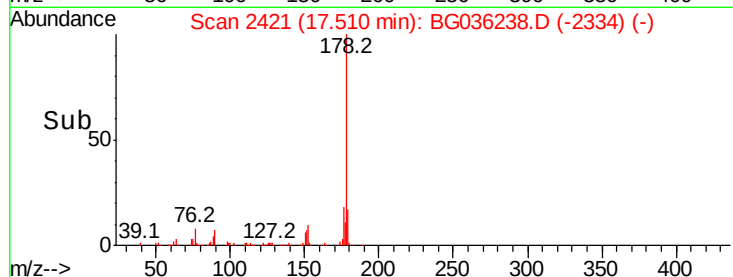
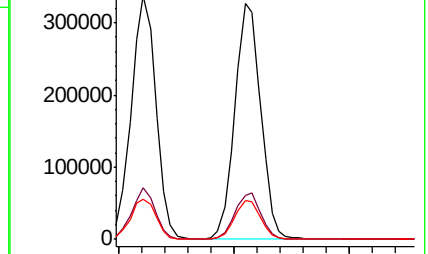
Abundance

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

17.51



#72

Carbazole

Concen: 26.840 ng

RT: 17.79 min Scan# 2468

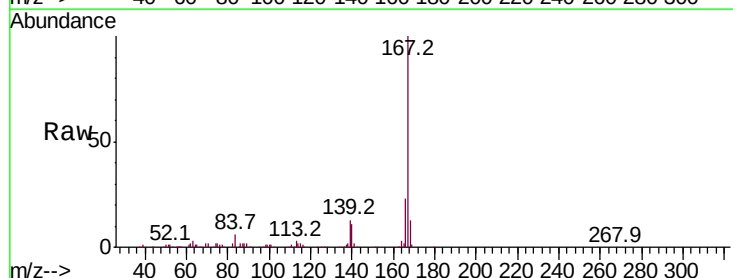
Delta R.T. -0.01 min

Lab File: BG036238.D

Acq: 9 Aug 2018 18:17

Tgt Ion:167 Resp: 462246

Ion	Ratio	Lower	Upper
167	100		
166	23.1	18.2	27.4
139	13.1	9.4	14.2



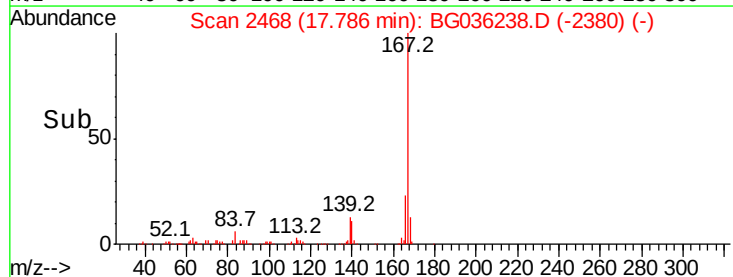
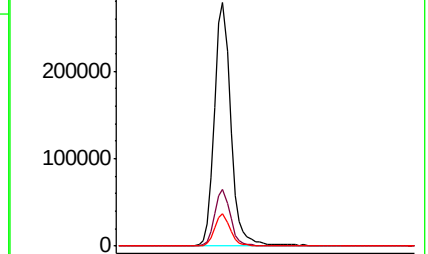
Abundance

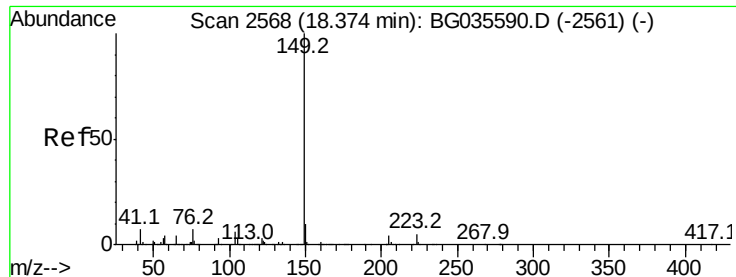
Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

17.79





#73

Di-n-butylphthalate

Concen: 26.271 ng

RT: 18.33 min Scan# 2561

Delta R.T. -0.02 min

Lab File: BG036238.D

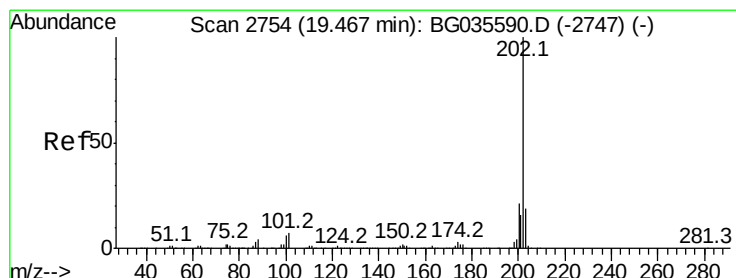
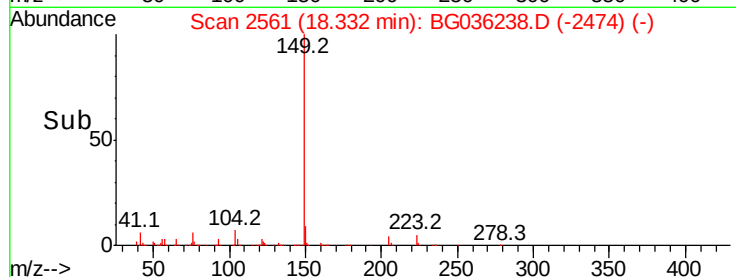
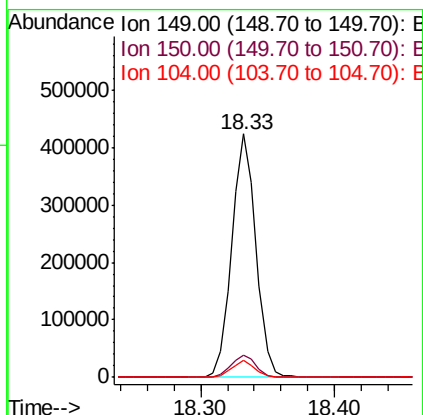
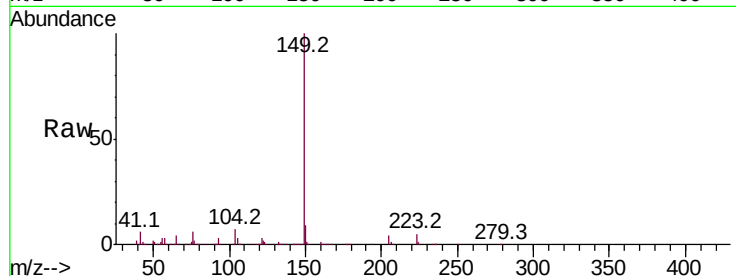
Acq: 9 Aug 2018 18:17

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	149	Resp:	534665
Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.8	11.6
104	6.9	3.9	5.9#



#74

Fluoranthene

Concen: 27.543 ng

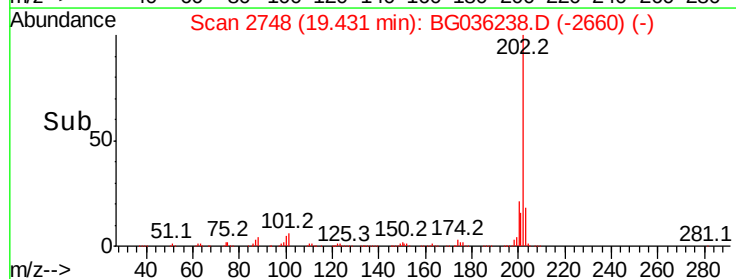
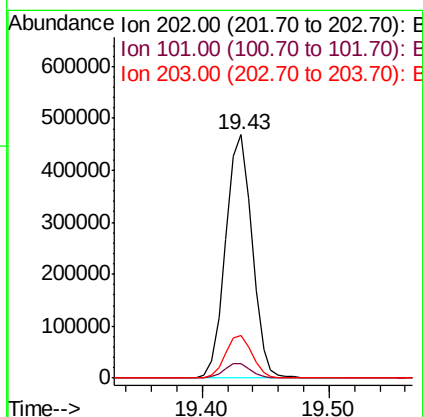
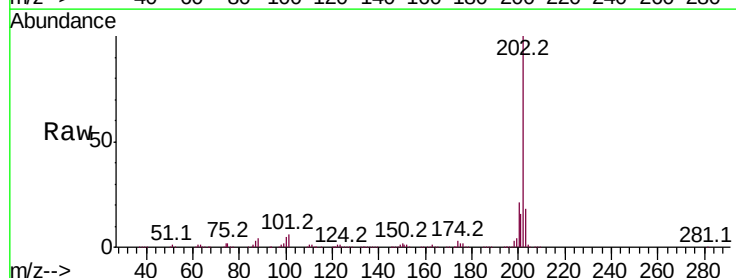
RT: 19.43 min Scan# 2748

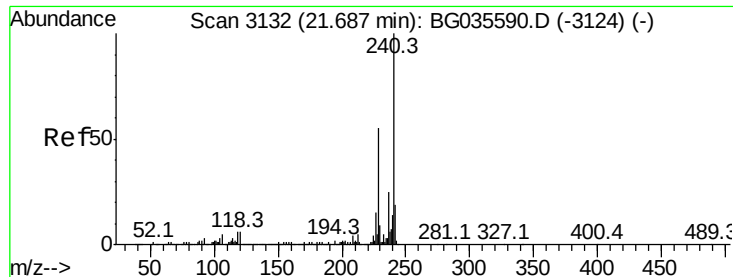
Delta R.T. -0.01 min

Lab File: BG036238.D

Acq: 9 Aug 2018 18:17

Tgt Ion:	202	Resp:	675676
Ion	Ratio	Lower	Upper
202	100		
101	6.1	0.0	28.9
203	17.8	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.65 min Scan# 3125

Delta R.T. -0.01 min

Lab File: BG036238.D

Acq: 9 Aug 2018 18:17

Instrument :

BNA_G

ClientSampleId :

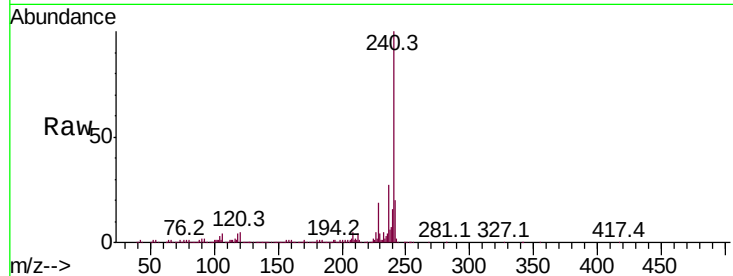
Tot Ion:240 Resp: 402108

Ion Ratio Lower Upper

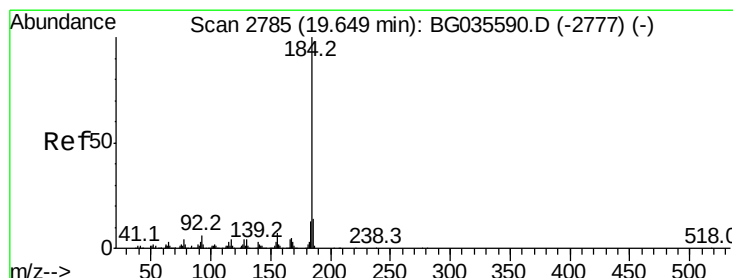
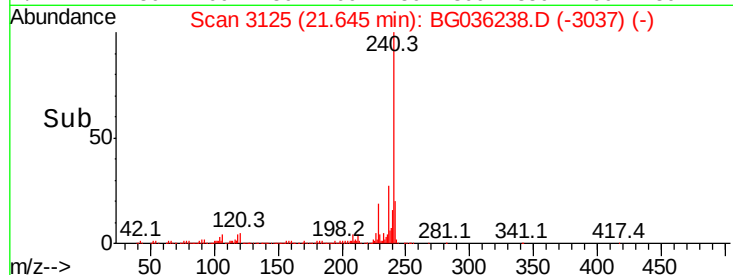
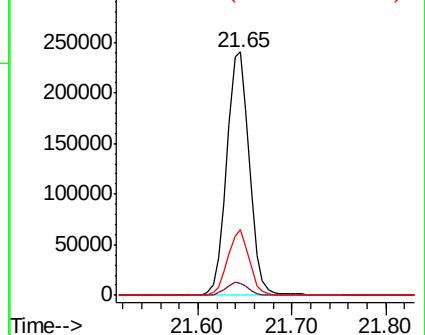
240 100

120 4.9 6.8 10.2#

236 27.0 20.9 31.3



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



#76

Benzidine

Concen: 18.152 ng

RT: 19.61 min Scan# 2779

Delta R.T. -0.01 min

Lab File: BG036238.D

Acq: 9 Aug 2018 18:17

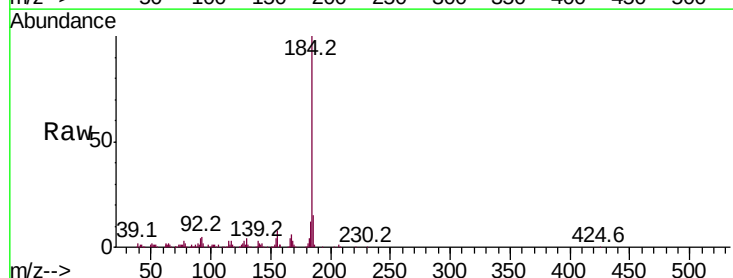
Tgt Ion:184 Resp: 191891

Ion Ratio Lower Upper

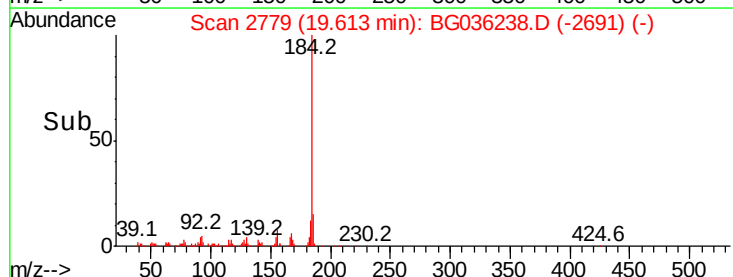
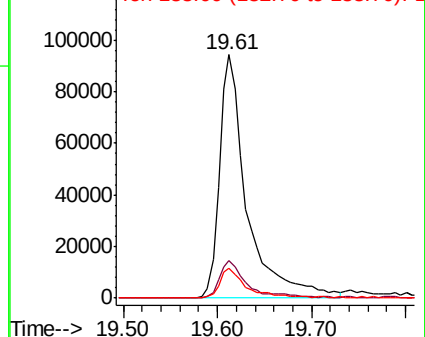
184 100

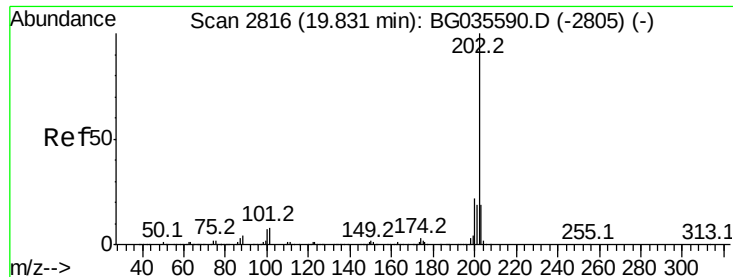
185 15.4 11.1 16.7

183 12.3 10.6 16.0



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





#77

Pvrene

Concen: 26.795 ng

RT: 19.79 min Scan# 2809

Delta R.T. -0.02 min

Lab File: BG036238.D

Acq: 9 Aug 2018 18:17

Instrument :

BNA_G

ClientSampleId :

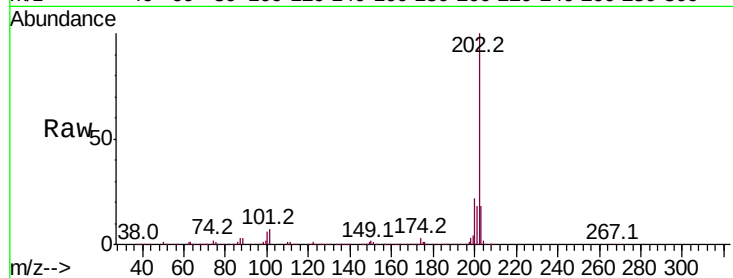
Tot Ion:202 Resp: 681280

Ion Ratio Lower Upper

202 100

200 22.2 16.9 25.3

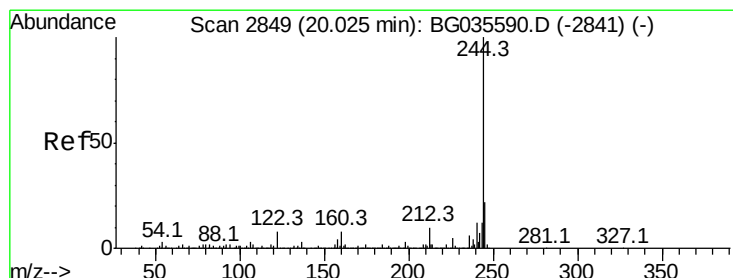
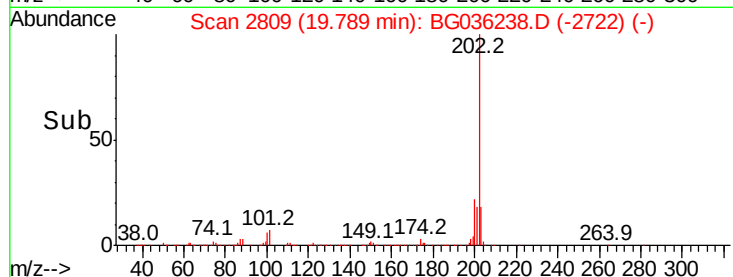
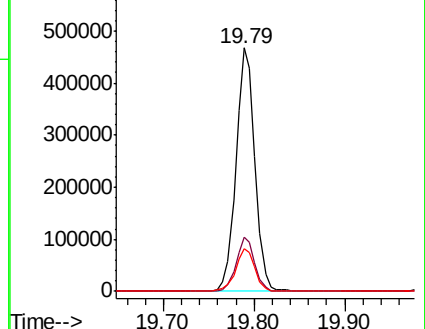
203 17.7 13.9 20.9



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: 60.302 ng

RT: 19.98 min Scan# 2842

Delta R.T. -0.02 min

Lab File: BG036238.D

Acq: 9 Aug 2018 18:17

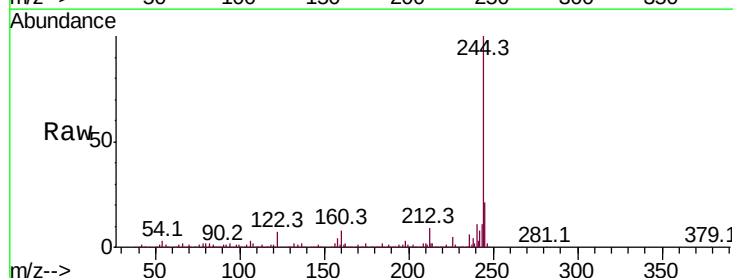
Tgt Ion:244 Resp: 1100024

Ion Ratio Lower Upper

244 100

212 9.2 5.8 8.8#

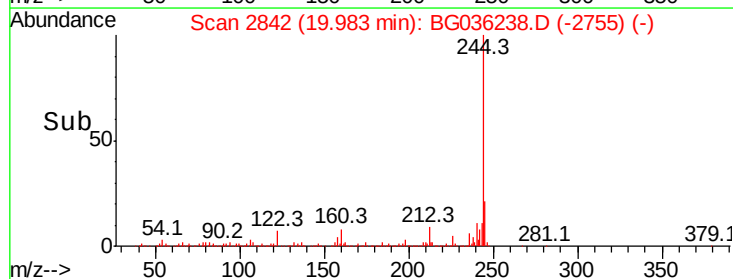
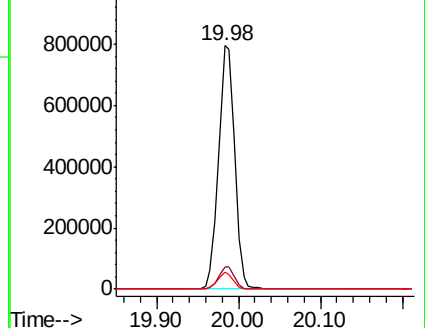
122 6.9 7.0 10.4#

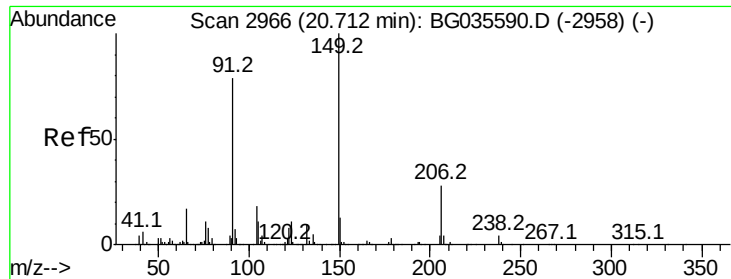


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

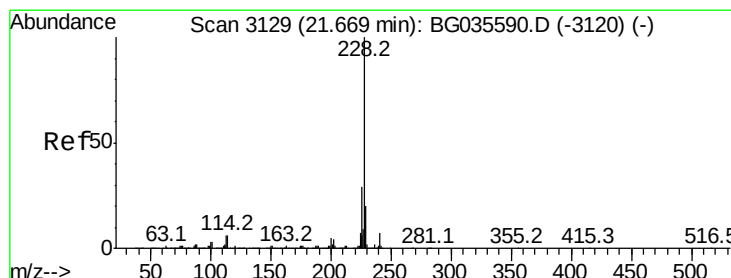
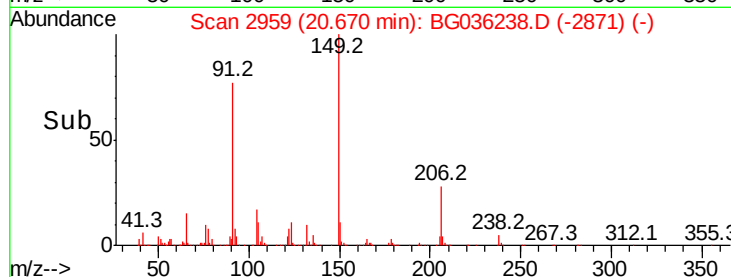
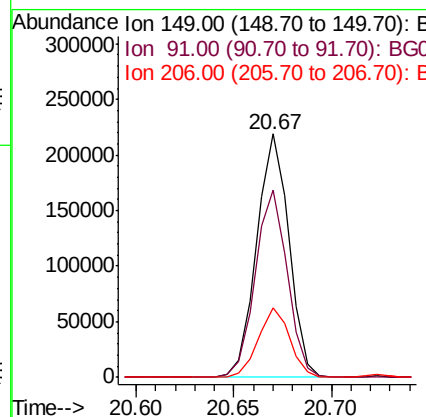
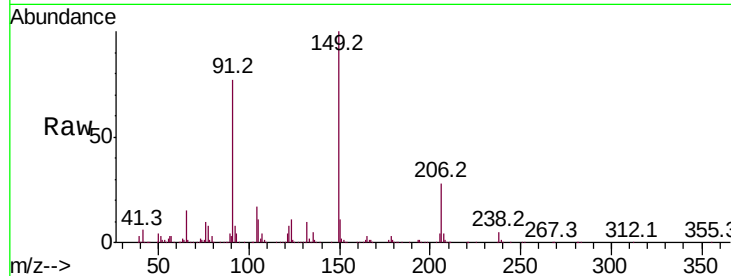




#79
Butylbenzylphthalate
Concen: 27.575 ng
RT: 20.67 min Scan# 2959
Delta R.T. -0.01 min
Lab File: BG036238.D
Acq: 9 Aug 2018 18:17

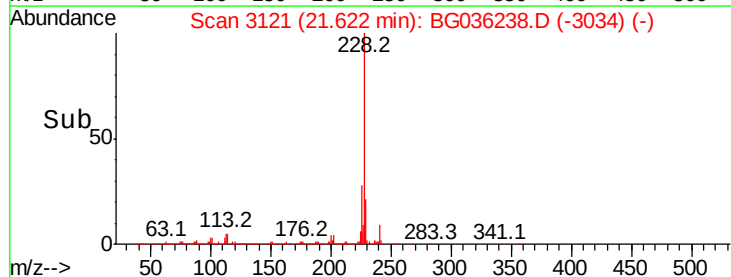
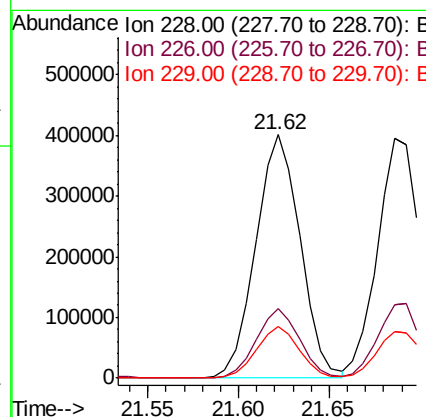
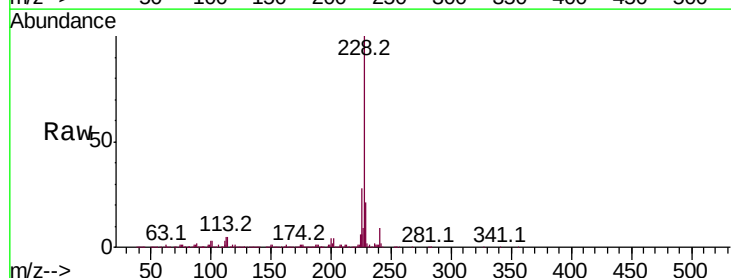
Instrument :
BNA_G
ClientSampled :

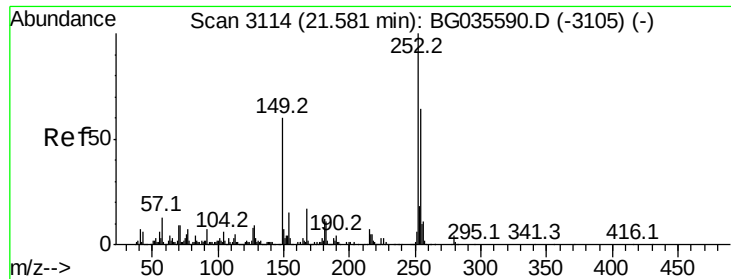
Tot Ion:149 Resp: 250724
Ion Ratio Lower Upper
149 100
91 76.8 62.2 93.2
206 28.4 18.6 27.8#



#80
Benzo(a)anthracene
Concen: 27.267 ng
RT: 21.62 min Scan# 3121
Delta R.T. -0.02 min
Lab File: BG036238.D
Acq: 9 Aug 2018 18:17

Tgt Ion:228 Resp: 683275
Ion Ratio Lower Upper
228 100
226 28.5 22.7 34.1
229 21.0 16.2 24.2

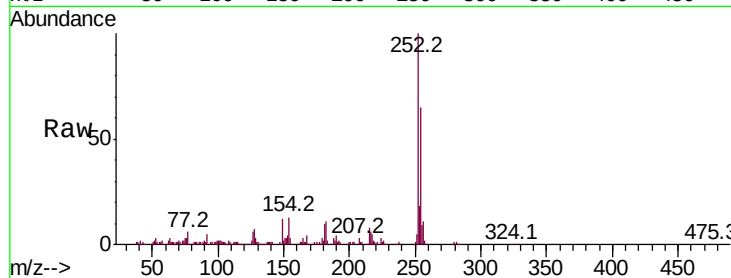




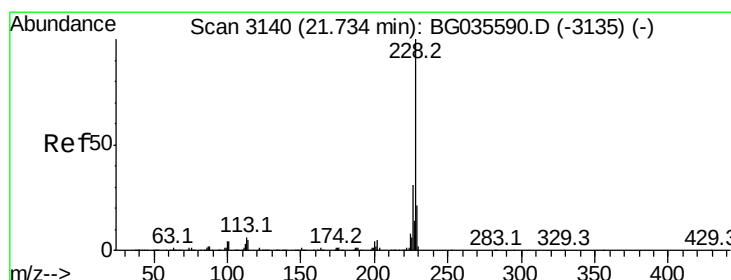
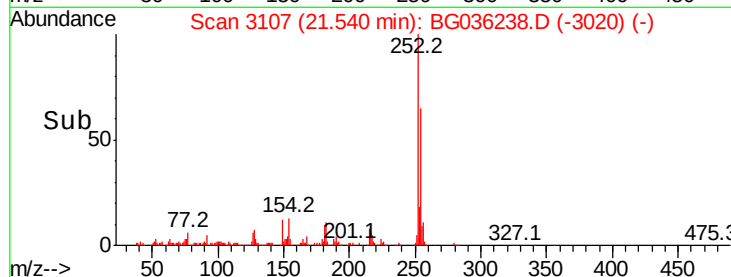
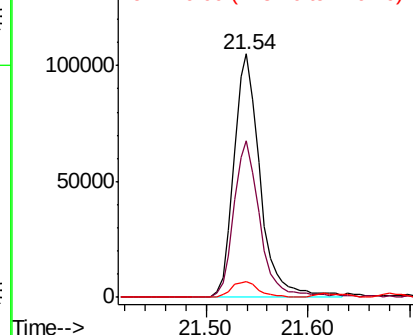
#81
 3,3'-Dichlorobenzidine
 Concen: 21.603 ng
 RT: 21.54 min Scan# 3107
 Delta R.T. -0.02 min
 Lab File: BG036238.D
 Acq: 9 Aug 2018 18:17

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:252 Resp: 188748
 Ion Ratio Lower Upper
 252 100
 254 64.5 50.8 76.2
 126 6.3 7.4 11.2#

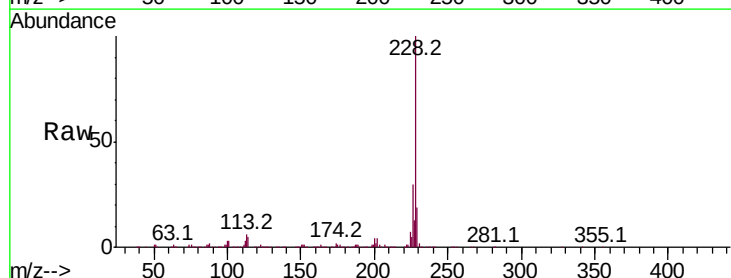


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

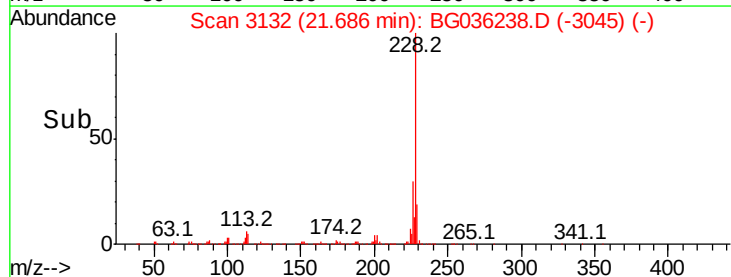
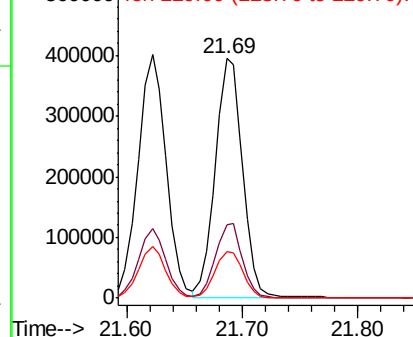


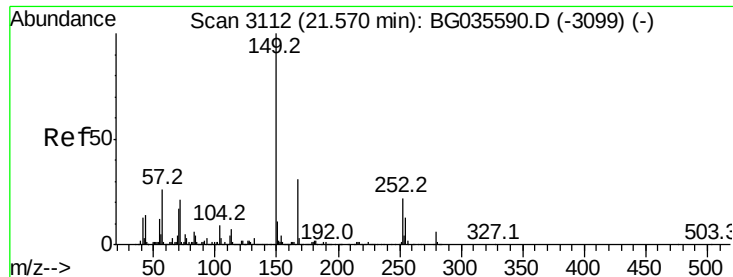
#82
 Chrysene
 Concen: 27.802 ng
 RT: 21.69 min Scan# 3132
 Delta R.T. -0.02 min
 Lab File: BG036238.D
 Acq: 9 Aug 2018 18:17

Tgt Ion:228 Resp: 645591
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.9 37.3
 229 19.4 15.0 22.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 27.798 ng

RT: 21.52 min Scan# 3103

Delta R.T. -0.03 min

Lab File: BG036238.D

Acq: 9 Aug 2018 18:17

Instrument :

BNA_G

ClientSampleId :

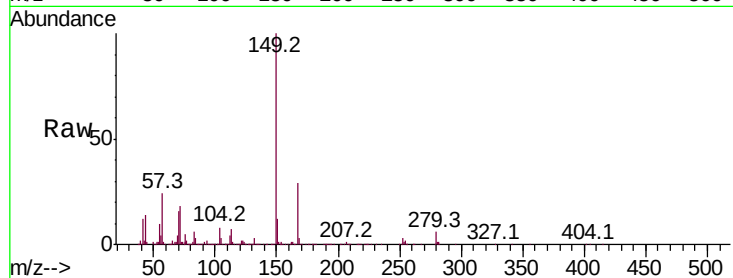
Tot Ion:149 Resp: 343612

Ion Ratio Lower Upper

149 100

167 28.9 24.3 36.5

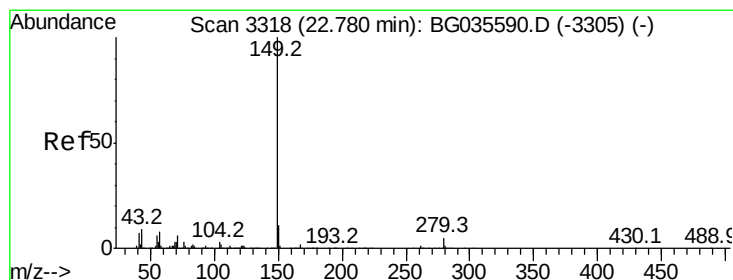
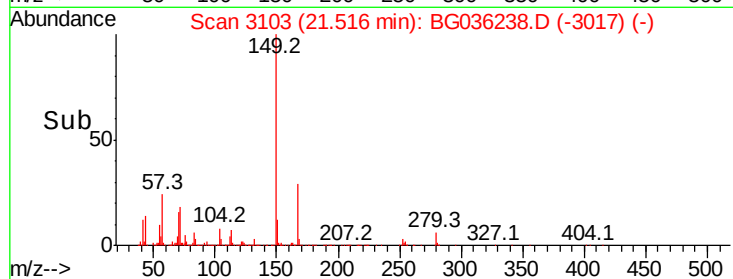
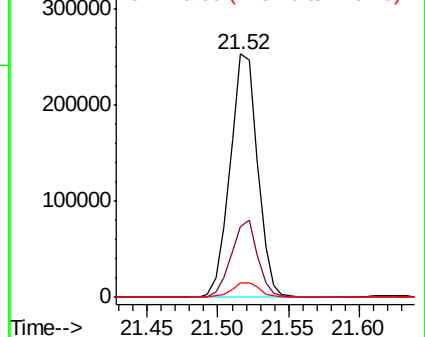
279 5.7 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 28.505 ng

RT: 22.71 min Scan# 3307

Delta R.T. -0.03 min

Lab File: BG036238.D

Acq: 9 Aug 2018 18:17

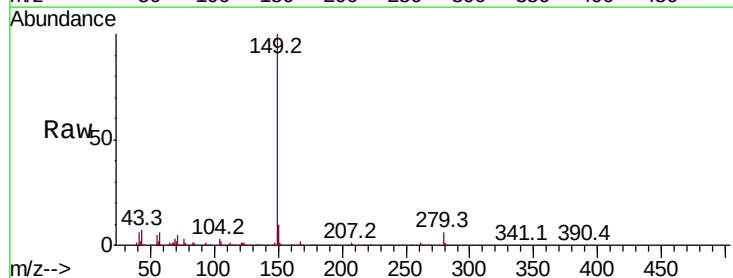
Tgt Ion:149 Resp: 589967

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.0

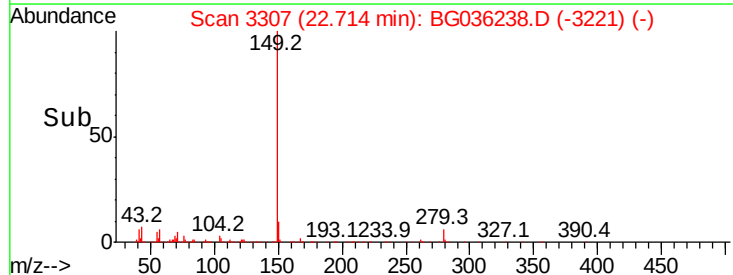
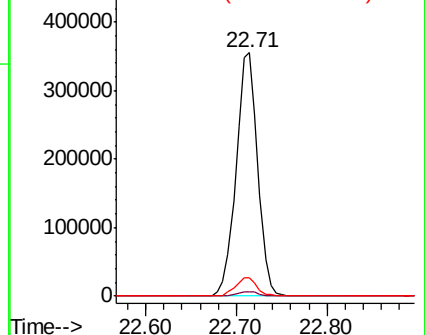
43 7.7 8.9 13.3#

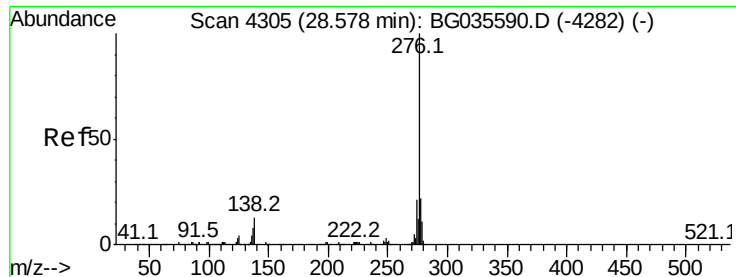


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC





#85

Indeno(1,2,3-cd)pyrene

Concen: 27.439 ng

RT: 28.45 min Scan# 4284

Delta R.T. -0.05 min

Lab File: BG036238.D

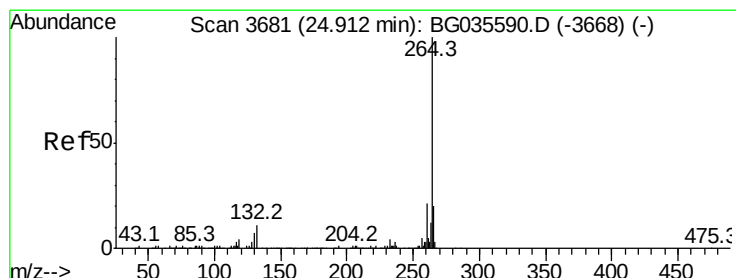
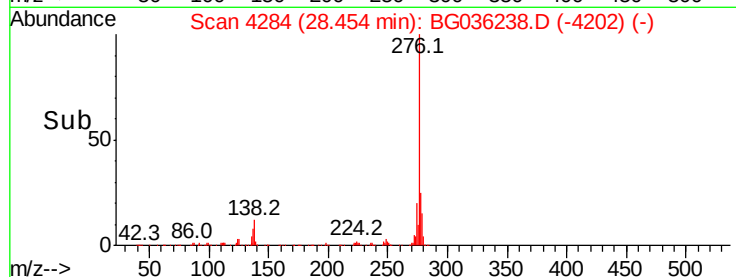
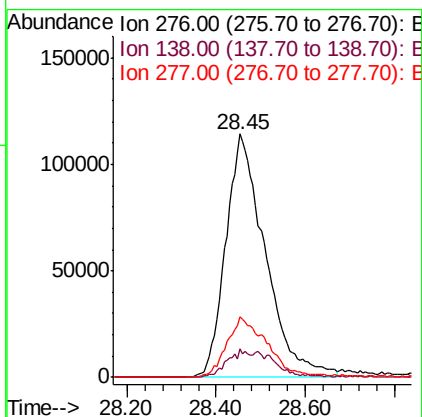
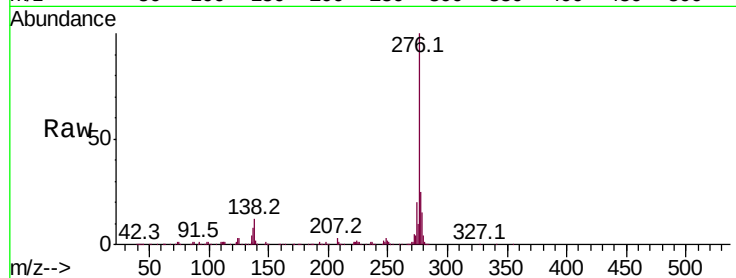
Acq: 9 Aug 2018 18:17

Instrument :

BNA_G

ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	6.5	16.0	24.0#
277	25.0	20.0	30.0



#86

Perylene-d12

Concen: 20.000 ng

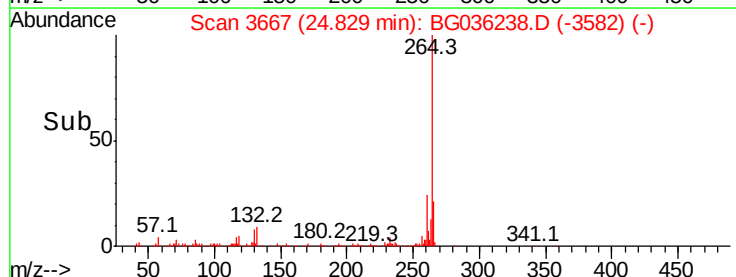
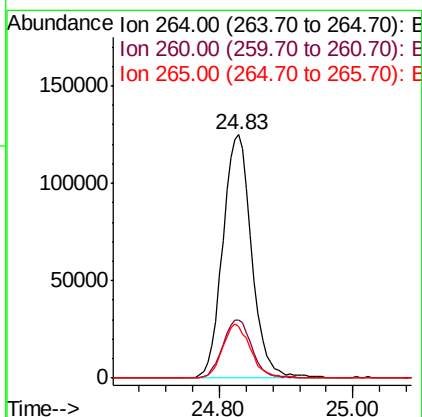
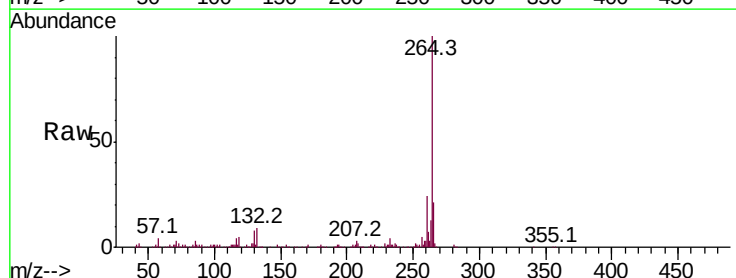
RT: 24.83 min Scan# 3667

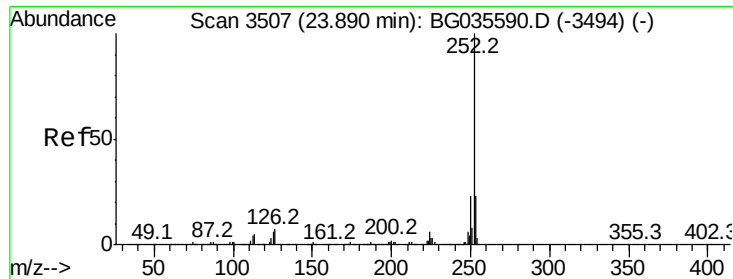
Delta R.T. -0.03 min

Lab File: BG036238.D

Acq: 9 Aug 2018 18:17

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.4	26.0
265	21.1	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 27.870 ng

RT: 23.82 min Scan# 3495

Delta R.T. -0.03 min

Lab File: BG036238.D

Acq: 9 Aug 2018 18:17

Instrument :

BNA_G

ClientSampleId :

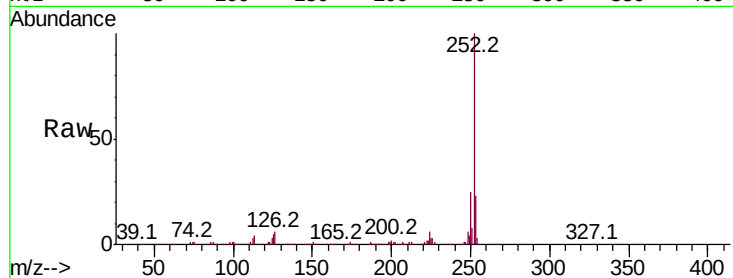
Tot Ion:252 Resp: 643740

Ion Ratio Lower Upper

252 100

253 22.7 18.2 27.4

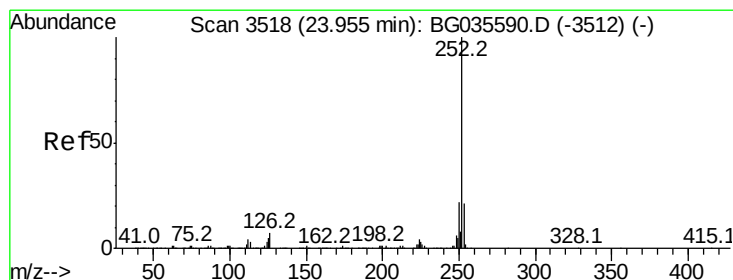
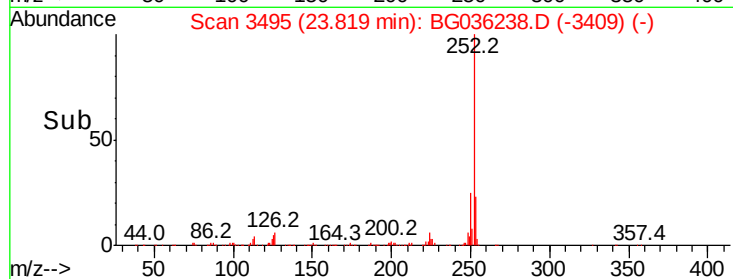
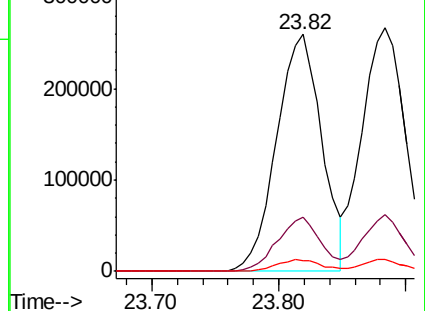
125 4.7 7.2 10.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 28.515 ng

RT: 23.88 min Scan# 3506

Delta R.T. -0.03 min

Lab File: BG036238.D

Acq: 9 Aug 2018 18:17

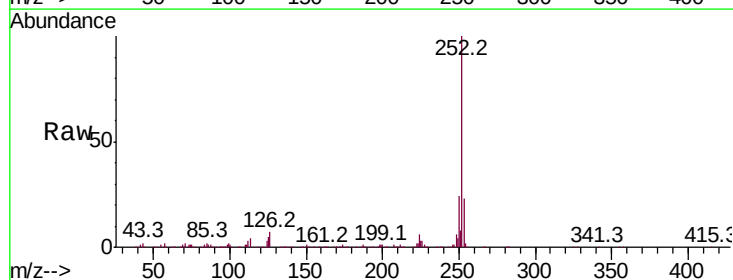
Tgt Ion:252 Resp: 643918

Ion Ratio Lower Upper

252 100

253 23.4 17.4 26.2

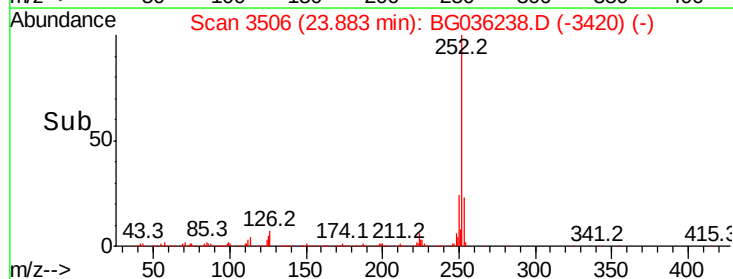
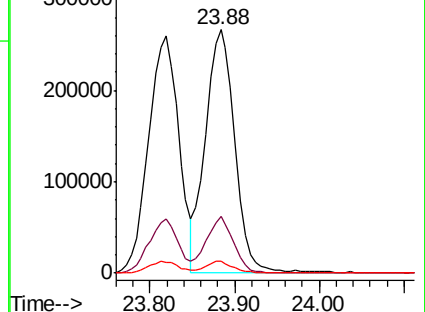
125 4.7 6.6 9.8#

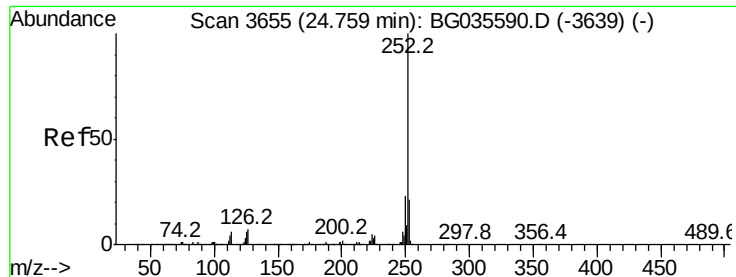


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

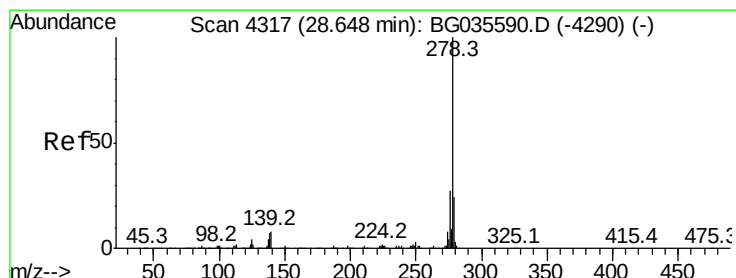
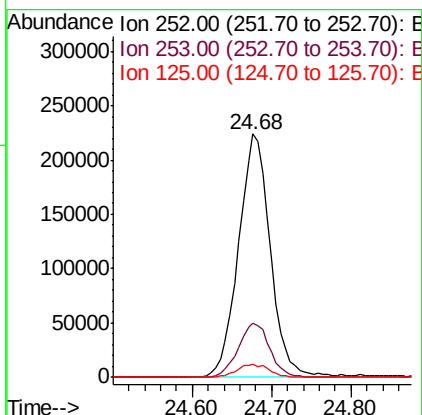
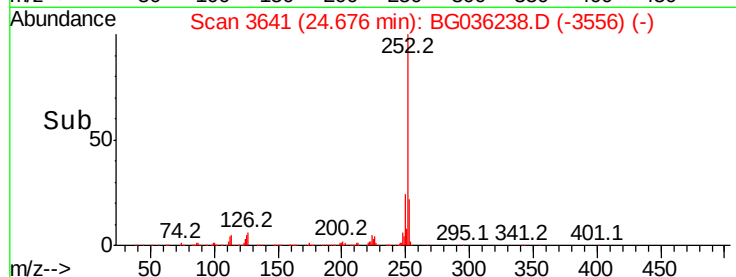
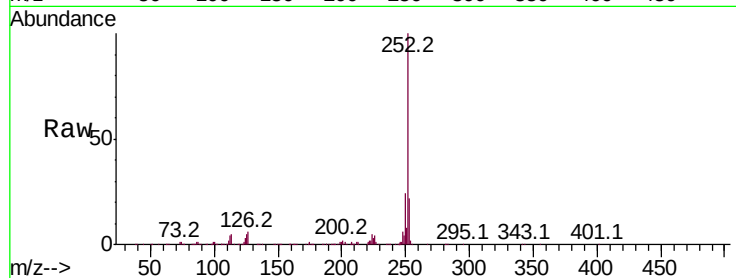




#89
Benzo(a)pyrene
Concen: 28.964 ng
RT: 24.68 min Scan# 3641
Delta R.T. -0.03 min
Lab File: BG036238.D
Acq: 9 Aug 2018 18:17

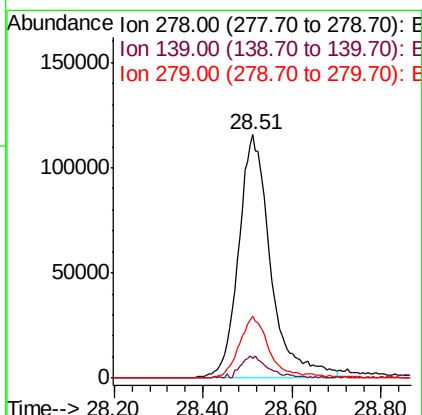
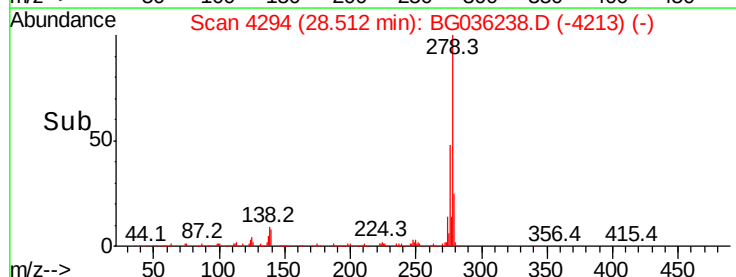
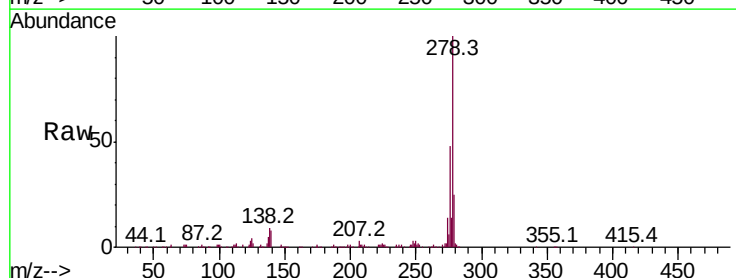
Instrument :
BNA_G
ClientSampleId :

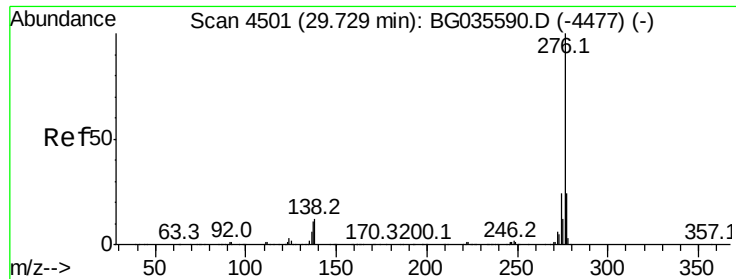
Tot Ion:252 Resp: 622396
Ion Ratio Lower Upper
252 100
253 22.1 18.3 27.5
125 5.4 7.3 10.9#



#90
Dibenzo(a,h)anthracene
Concen: 27.234 ng
RT: 28.51 min Scan# 4294
Delta R.T. -0.05 min
Lab File: BG036238.D
Acq: 9 Aug 2018 18:17

Tgt Ion:278 Resp: 574540
Ion Ratio Lower Upper
278 100
139 8.1 9.8 14.6#
279 25.4 18.4 27.6

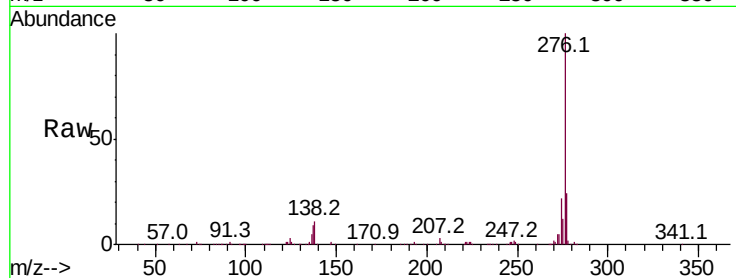




#91
 Benzo(a,h,i)perylene
 Concen: 28.639 ng
 RT: 29.59 min Scan# 4478
 Delta R.T. -0.04 min
 Lab File: BG036238.D
 Acq: 9 Aug 2018 18:17

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.3	27.5
138	11.0	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

