

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080718\
 Data File : BG036165.D
 Acq On : 7 Aug 2018 17:04
 Operator : JU/SJ
 Sample : PB111787BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB111787BS

Quant Time: Aug 08 01:02:39 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	8.01	152	26036	20.00	ng	-0.02
21) Naphthalene-d8	10.81	136	99308	20.00	ng	-0.02
38) Acenaphthene-d10	14.63	164	71491	20.00	ng	-0.02
63) Phenanthrene-d10	17.38	188	208311	20.00	ng	-0.01
75) Chrysene-d12	21.64	240	225778	20.00	ng	-0.02
86) Perylene-d12	24.82	264	216119	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	217875	138.93	ng	0.00
7) Phenol-d6	7.18	99	306176	130.86	ng	-0.01
23) Nitrobenzene-d5	9.17	82	202370	85.13	ng	-0.02
41) 2,4,6-Tribromophenol	16.12	330	153058	162.43	ng	-0.02
44) 2-Fluorobiphenyl	13.26	172	469289	87.94	ng	-0.02
78) Terphenyl-d14	19.98	244	971346	94.83	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	30012	37.601	ng	# 75
3) Pyridine	3.90	79	79335	38.074	ng	# 71
4) n-Nitrosodimethylamine	3.82	42	31280	34.962	ng	# 86
6) Aniline	7.34	93	91777	30.263	ng	95
8) 2-Chlorophenol	7.58	128	71112	44.586	ng	96
9) Benzaldehyde	7.15	77	41477	28.891	ng	98
10) Phenol	7.21	94	103576	43.817	ng	90
11) bis(2-Chloroethyl)ether	7.43	93	69225	37.394	ng	88
12) 1,3-Dichlorobenzene	7.90	146	82740	42.958	ng	97
13) 1,4-Dichlorobenzene	8.04	146	86362	44.131	ng	98
14) 1,2-Dichlorobenzene	8.36	146	80039	42.574	ng	97
15) Benzyl Alcohol	8.25	79	80465	37.871	ng	88
16) 2,2'-oxybis(1-Chloropropan	8.54	45	75058	48.361	ng	72
17) 2-Methylphenol	8.46	107	68835	42.830	ng	# 93
18) Hexachloroethane	9.09	117	31617	42.255	ng	# 86
19) n-Nitroso-di-n-propylamine	8.81	70	63520	32.239	ng	# 87
20) 3+4-Methylphenols	8.78	107	90533	40.605	ng	93
22) Acetophenone	8.83	105	120253	38.940	ng	# 92
24) Nitrobenzene	9.21	77	99160	41.476	ng	93
25) Isophorone	9.73	82	176523	40.001	ng	98
26) 2-Nitrophenol	9.93	139	42453	49.999	ng	# 89
27) 2,4-Dimethylphenol	9.98	122	71476	49.731	ng	95
28) bis(2-Chloroethoxy)methane	10.21	93	97427	40.066	ng	94
29) 2,4-Dichlorophenol	10.47	162	82408	50.229	ng	86
30) 1,2,4-Trichlorobenzene	10.67	180	91791	45.626	ng	99
31) Naphthalene	10.86	128	216664	41.883	ng	97
32) Benzoic acid	10.14	122	20237	20.916	ng	91
33) 4-Chloroaniline	10.98	127	58954	26.148	ng	94
34) Hexachlorobutadiene	11.14	225	74798	47.679	ng	98
35) Caprolactam	11.75	113	18823	26.735	ng	# 44
36) 4-Chloro-3-methylphenol	12.10	107	97612	44.386	ng	88
37) 2-Methylnaphthalene	12.46	142	171566	44.516	ng	96
39) 1,2,4,5-Tetrachlorobenzene	12.83	216	125176	46.390	ng	98
40) Hexachlorocyclopentadiene	12.81	237	154004	108.828	ng	92

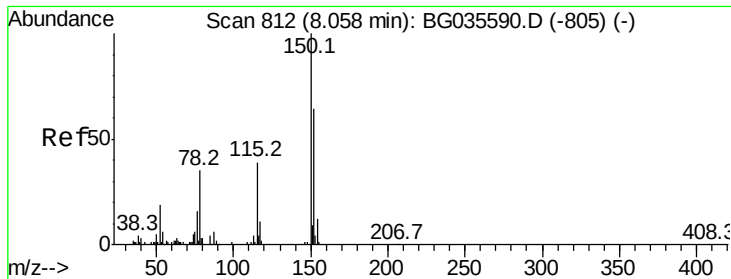
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080718\
 Data File : BG036165.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 12:30:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.07	196	78458	49.720	ng	90
43) 2,4,5-Trichlorophenol	13.15	196	83911	47.534	ng	95
45) 1,1'-Biphenyl	13.47	154	233162	42.067	ng	98
46) 2-Chloronaphthalene	13.51	162	187484	43.487	ng	97
47) 2-Nitroaniline	13.72	65	63427	41.614	ng	90
48) Acenaphthylene	14.36	152	314203	43.507	ng	98
49) Dimethylphthalate	14.09	163	263993	42.147	ng	99
50) 2,6-Dinitrotoluene	14.21	165	61409	48.144	ng	88
51) Acenaphthene	14.70	154	180416	40.103	ng	97
52) 3-Nitroaniline	14.54	138	41133	31.552	ng #	93
53) 2,4-Dinitrophenol	14.76	184	51239	78.273	ng #	66
54) Dibenzofuran	15.03	168	318048	44.452	ng	95
55) 4-Nitrophenol	14.86	139	66169	71.270	ng #	89
56) 2,4-Dinitrotoluene	15.00	165	90397	49.400	ng #	90
57) Fluorene	15.68	166	262326	43.745	ng	96
58) 2,3,4,6-Tetrachlorophenol	15.26	232	86351	51.018	ng #	93
59) Diethylphthalate	15.45	149	264063	40.999	ng	97
60) 4-Chlorophenyl-phenylether	15.67	204	151666	43.031	ng	97
61) 4-Nitroaniline	15.71	138	55023	40.349	ng #	79
62) Azobenzene	15.96	77	261323	41.134	ng	93
64) 4,6-Dinitro-2-methylphenol	15.77	198	51594	44.493	ng	80
65) n-Nitrosodiphenylamine	15.89	169	236952	39.963	ng	97
66) 4-Bromophenyl-phenylether	16.57	248	105195	43.527	ng	95
67) Hexachlorobenzene	16.69	284	108345	43.533	ng	92
68) Atrazine	16.84	200	108408	44.406	ng	96
69) Pentachlorophenol	17.04	266	98884	65.230	ng	95
70) Phenanthrene	17.42	178	437039	42.046	ng	97
71) Anthracene	17.51	178	445431	43.037	ng	96
72) Carbazole	17.79	167	398183	40.510	ng	98
73) Di-n-butylphthalate	18.33	149	462253	39.797	ng #	97
74) Fluoranthene	19.43	202	592948	42.350	ng	96
76) Benzidine	19.61	184	216608	36.492	ng	96
77) Pyrene	19.79	202	583978	40.906	ng	98
79) Butylbenzylphthalate	20.67	149	212851	41.693	ng #	95
80) Benzo(a)anthracene	21.62	228	597974	42.500	ng	98
81) 3,3'-Dichlorobenzidine	21.54	252	155168	31.629	ng	97
82) Chrysene	21.69	228	558887	42.865	ng	98
83) Bis(2-ethylhexyl)phthalate	21.52	149	293621	42.305	ng #	99
84) Di-n-octyl phthalate	22.71	149	500909	43.104	ng #	92
85) Indeno(1,2,3-cd)pyrene	28.46	276	612341	42.420	ng #	85
87) Benzo(b)fluoranthene	23.81	252	567154	43.177	ng #	96
88) Benzo(k)fluoranthene	23.88	252	543278	42.305	ng #	97
89) Benzo(a)pyrene	24.68	252	538710	44.083	ng #	95
90) Dibenzo(a,h)anthracene	28.51	278	504283	42.033	ng #	97
91) Benzo(g,h,i)perylene	29.59	276	510037	43.445	ng #	94

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

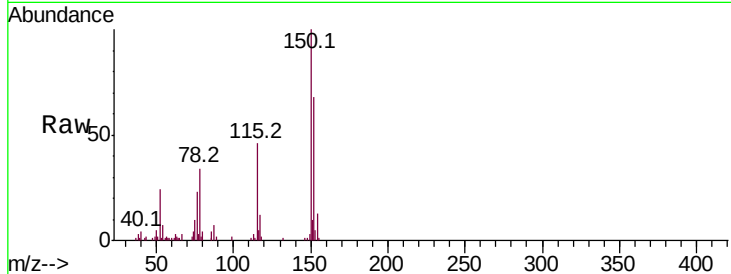


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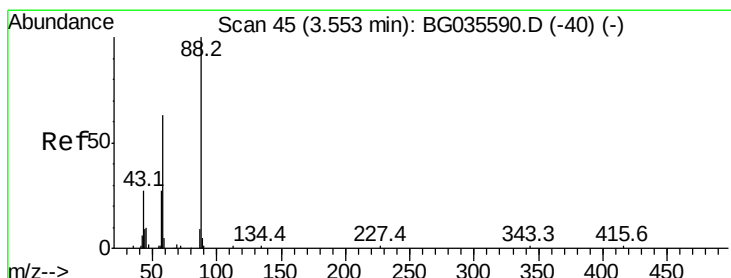
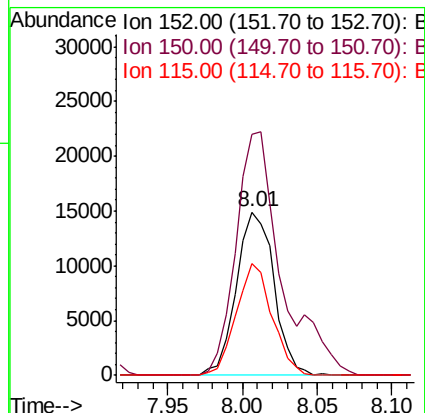
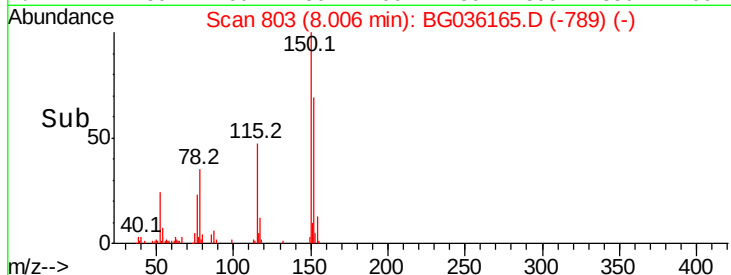
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 803
Delta R.T. -0.02 min
Lab File: BG036165.D
Acq: 7 Aug 2018 17:04

Instrument :
BNA_G
ClientSampleId :
PB111787BS

Tot Ion:152 Resp: 26036
Ion Ratio Lower Upper
152 100
150 147.7 126.6 189.8
115 68.6 53.0 79.4



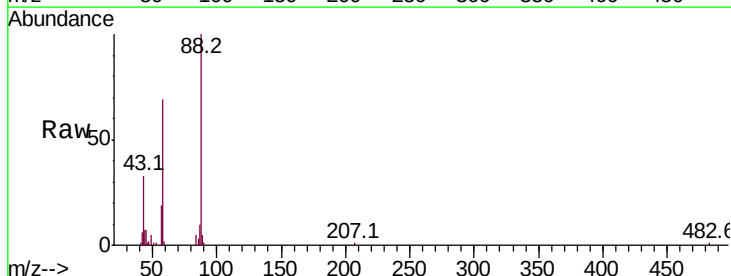
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



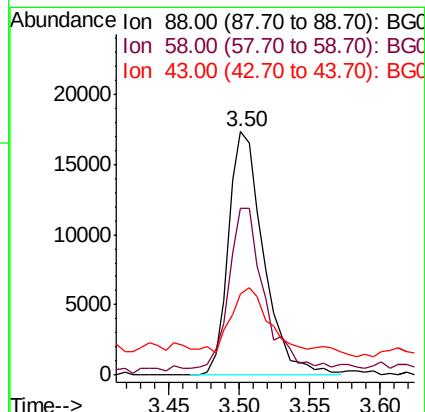
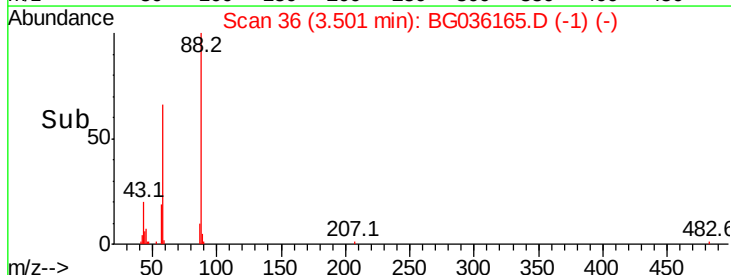
#2

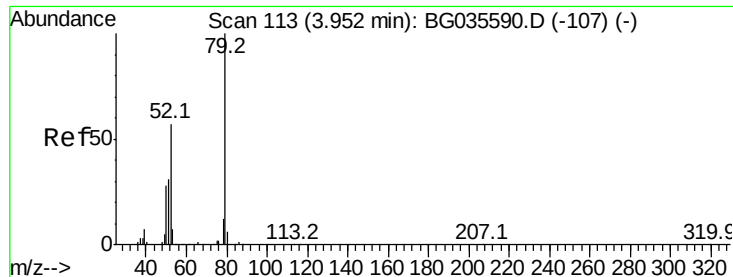
1,4-Dioxane
Concen: 37.601 ng
RT: 3.50 min Scan# 36
Delta R.T. -0.02 min
Lab File: BG036165.D
Acq: 7 Aug 2018 17:04

Tgt Ion: 88 Resp: 30012
Ion Ratio Lower Upper
88 100
58 70.8 79.6 119.4#
43 25.4 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: 38.074 ng

RT: 3.90 min Scan# 104

Delta R.T. -0.02 min

Lab File: BG036165.D

Acq: 7 Aug 2018 17:04

Instrument :

BNA_G

ClientSampleId :

PB111787BS

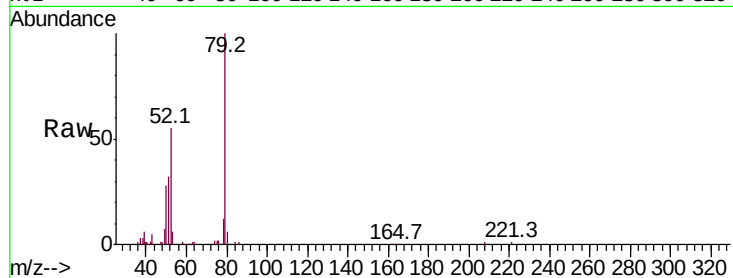
Tot Ion: 79 Resp: 79335

Ion Ratio Lower Upper

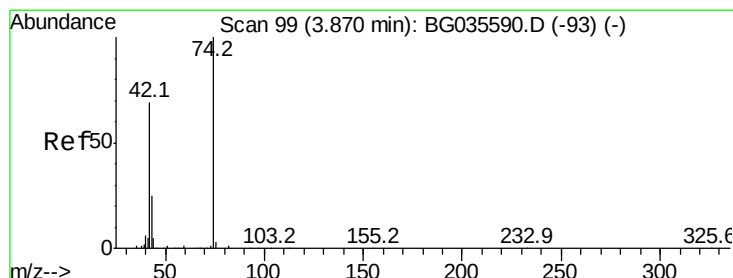
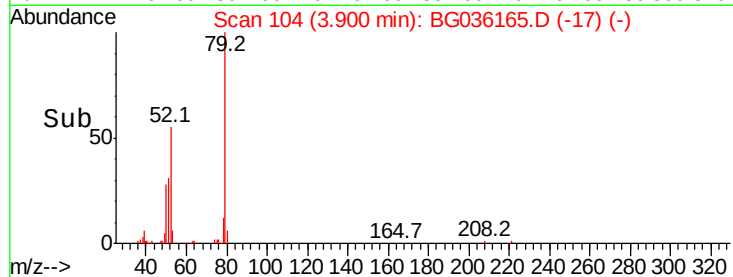
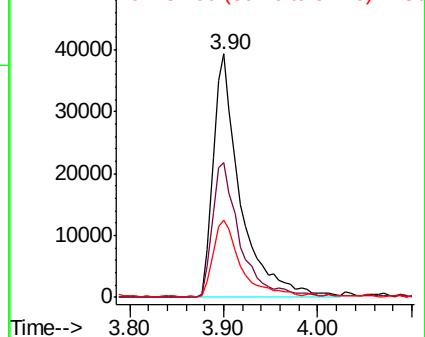
79 100

52 55.4 69.9 104.9#

51 31.9 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: 34.962 ng

RT: 3.82 min Scan# 90

Delta R.T. -0.02 min

Lab File: BG036165.D

Acq: 7 Aug 2018 17:04

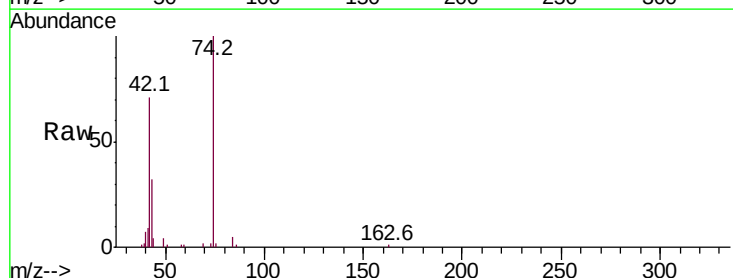
Tgt Ion: 42 Resp: 31280

Ion Ratio Lower Upper

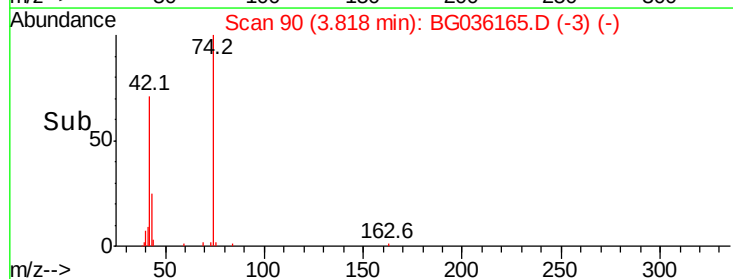
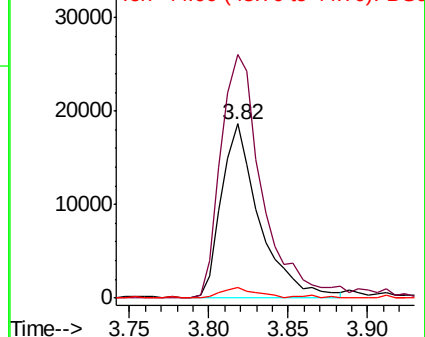
42 100

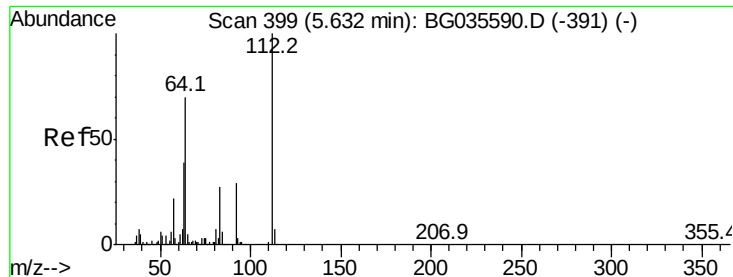
74 140.0 102.5 153.7

44 6.2 18.9 28.3#



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





#5

2-Fluorophenol

Concen: 138.932 ng

RT: 5.60 min Scan# 393

Delta R.T. -0.01 min

Lab File: BG036165.D

Acq: 7 Aug 2018 17:04

Instrument :

BNA_G

ClientSampleId :

PB111787BS

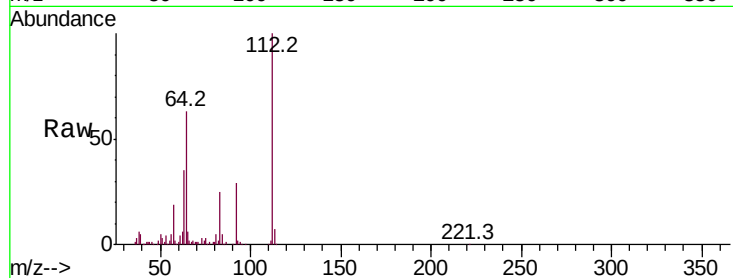
Tot Ion:112 Resp: 217875

Ion Ratio Lower Upper

112 100

64 63.0 56.3 84.5

63 34.6 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

150000

100000

50000

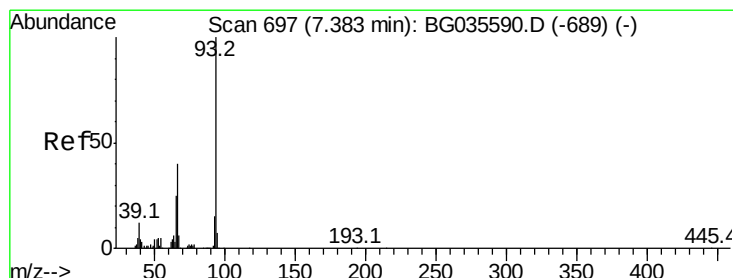
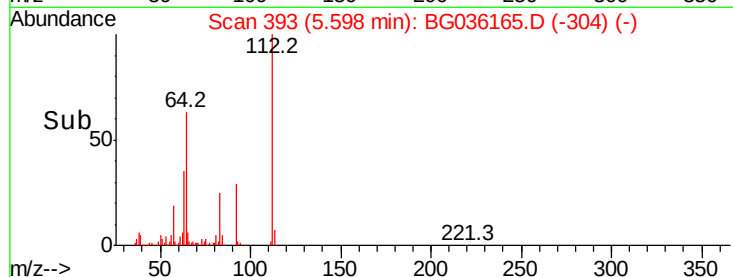
0

5.50

5.60

5.70

Time-->



#6

Aniline

Concen: 30.263 ng

RT: 7.34 min Scan# 689

Delta R.T. -0.02 min

Lab File: BG036165.D

Acq: 7 Aug 2018 17:04

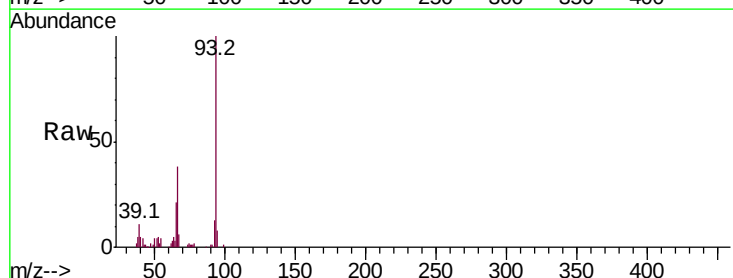
Tgt Ion: 93 Resp: 91777

Ion Ratio Lower Upper

93 100

66 38.0 33.7 50.5

65 20.7 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

60000

40000

20000

0

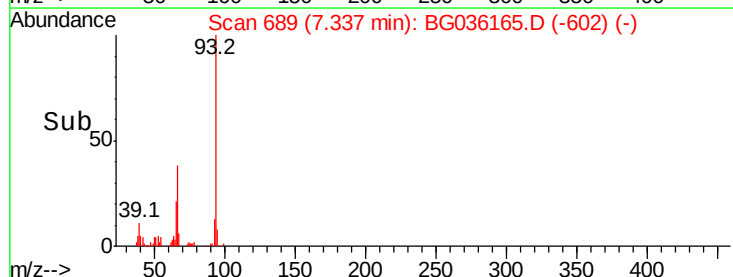
7.25

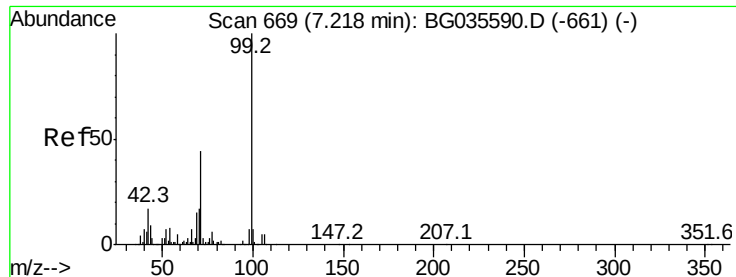
7.30

7.35

7.40

Time-->





#7

Phenol-d6

Concen: 130.858 ng

RT: 7.18 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG036165.D

Acq: 7 Aug 2018 17:04

Instrument :

BNA_G

ClientSampleId :

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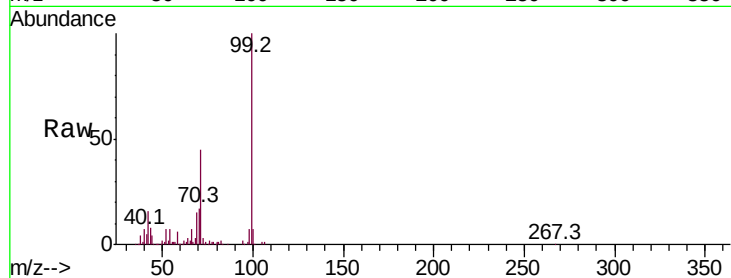
Tot Ion: 99 Resp: 306176

Ion Ratio Lower Upper

99 100

42 16.0 14.1 21.1

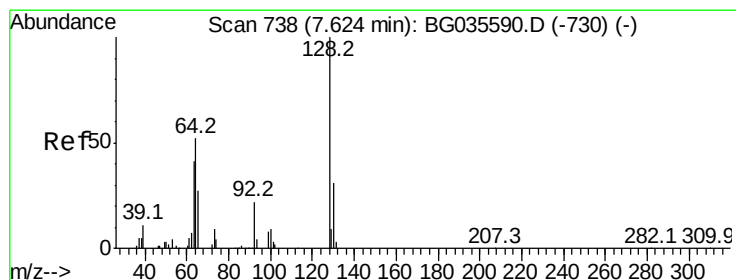
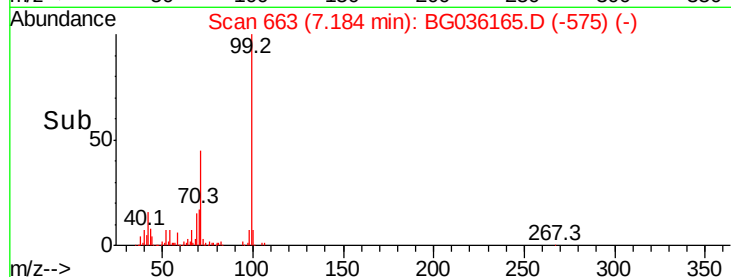
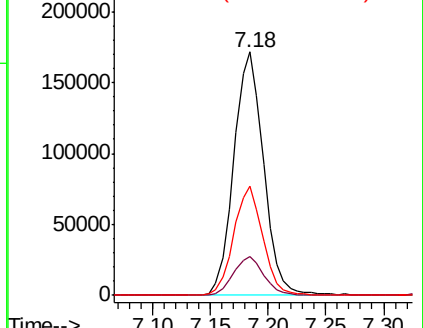
71 44.9 26.1 39.1#



Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 44.586 ng

RT: 7.58 min Scan# 730

Delta R.T. -0.02 min

Lab File: BG036165.D

Acq: 7 Aug 2018 17:04

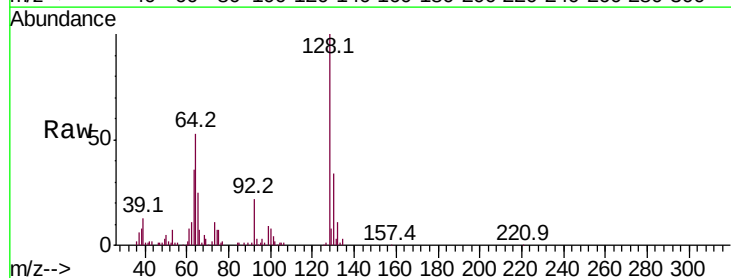
Tgt Ion:128 Resp: 71112

Ion Ratio Lower Upper

128 100

130 34.0 14.0 54.0

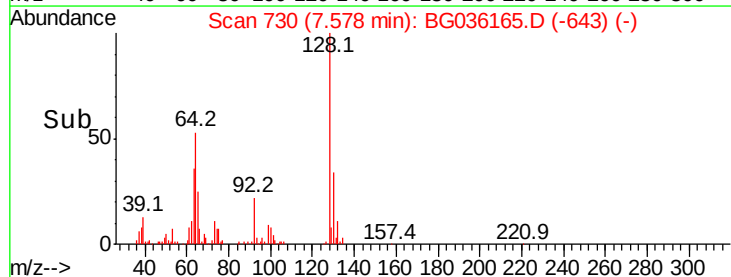
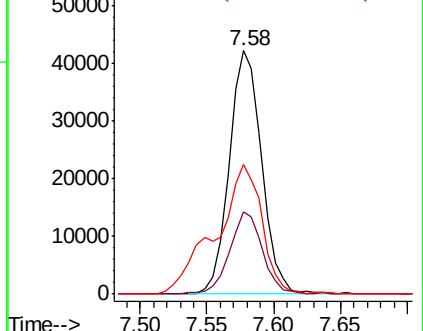
64 53.3 37.7 77.7

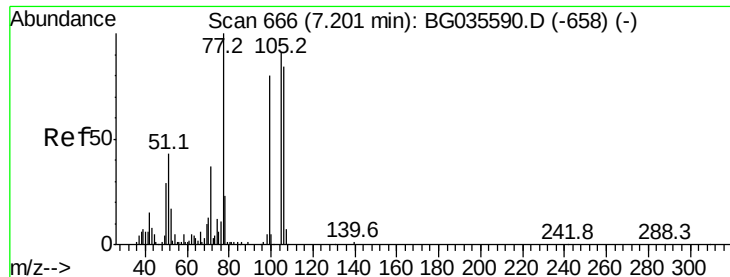


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 28.891 ng

RT: 7.15 min Scan# 658

Delta R.T. -0.01 min

Lab File: BG036165.D

Acq: 7 Aug 2018 17:04

Instrument :

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ClientSampleId :

PB111787BS

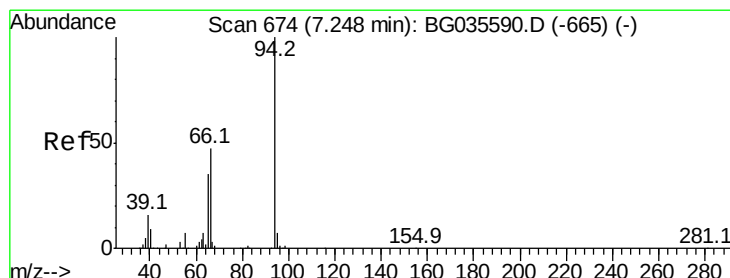
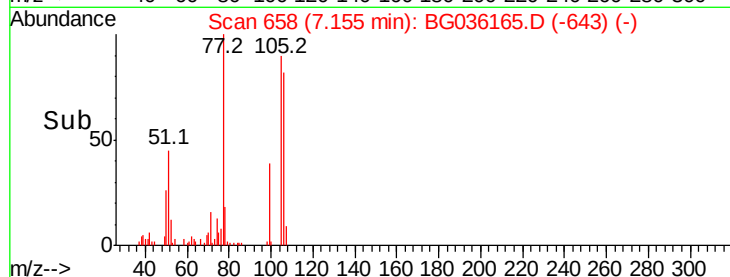
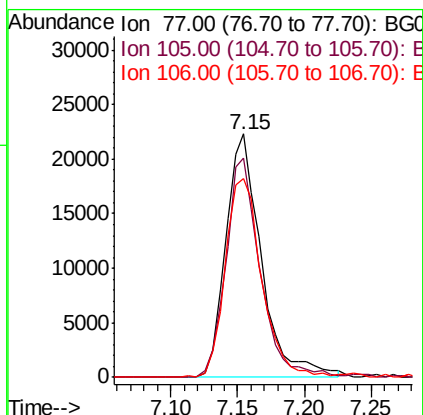
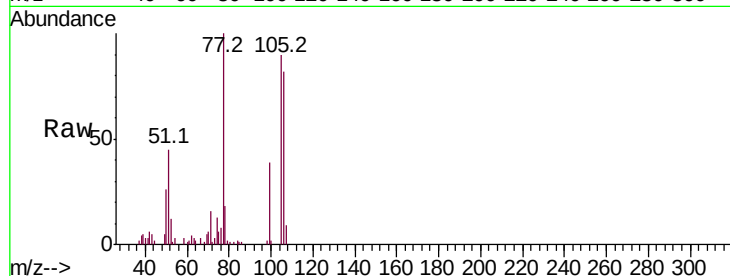
Tot Ion: 77 Resp: 41477

Ion Ratio Lower Upper

77 100

105 90.3 71.3 111.3

106 81.9 64.2 104.2



#10

Phenol

Concen: 43.817 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036165.D

Acq: 7 Aug 2018 17:04

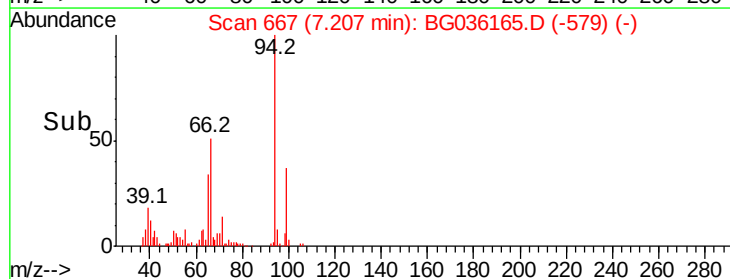
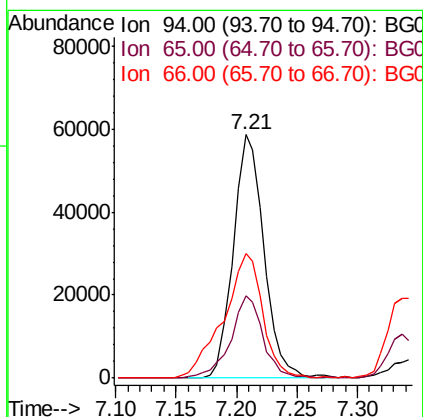
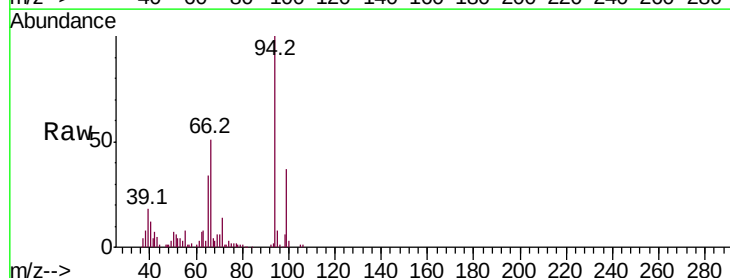
Tgt Ion: 94 Resp: 103576

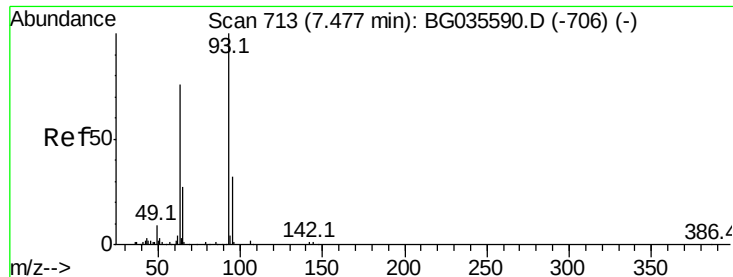
Ion Ratio Lower Upper

94 100

65 34.1 11.9 51.9

66 51.1 22.2 62.2

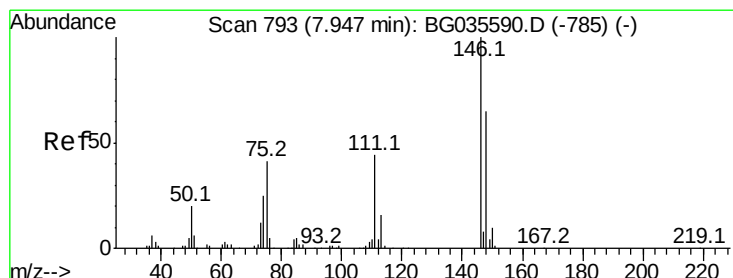
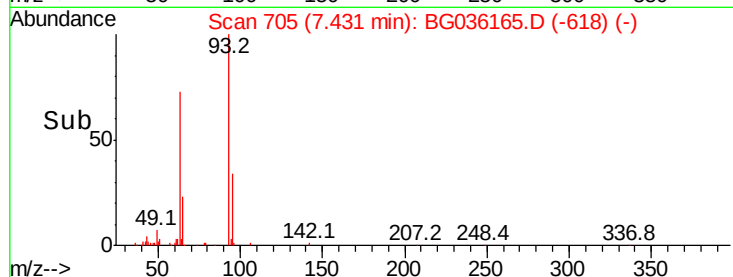
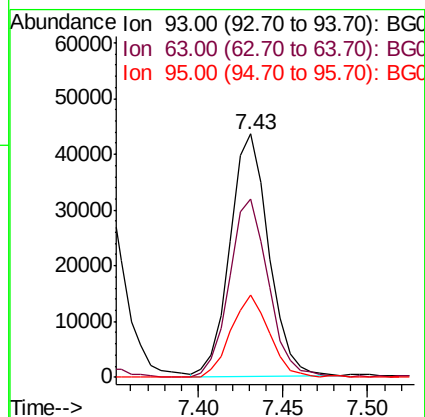
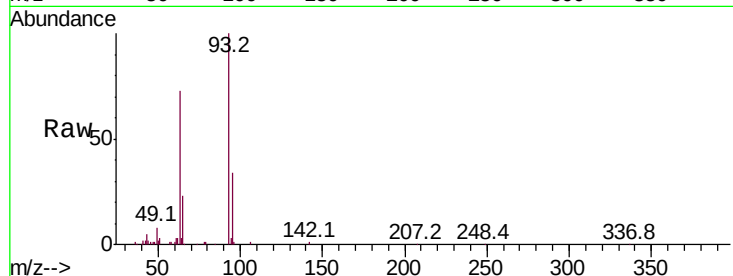




#11
bis(2-Chloroethyl)ether
Concen: 37.394 ng
RT: 7.43 min Scan# 705
Delta R.T. -0.02 min
Lab File: BG036165.D
Acq: 7 Aug 2018 17:04

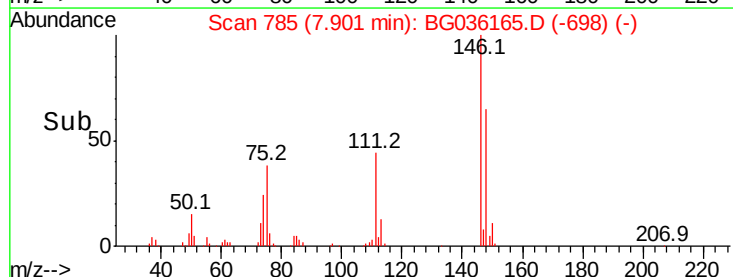
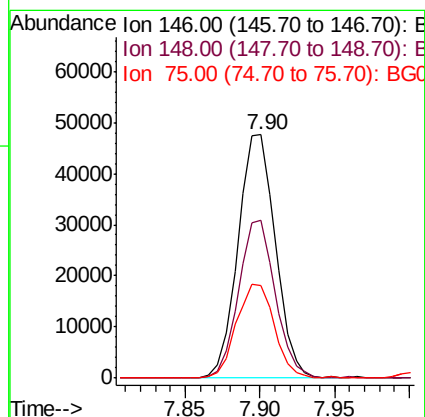
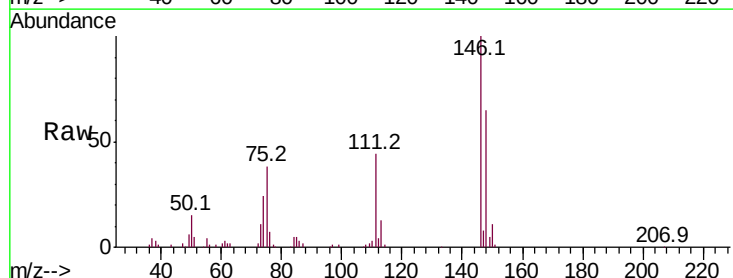
Instrument :
BNA_G
ClientSampleId :
PB111787BS

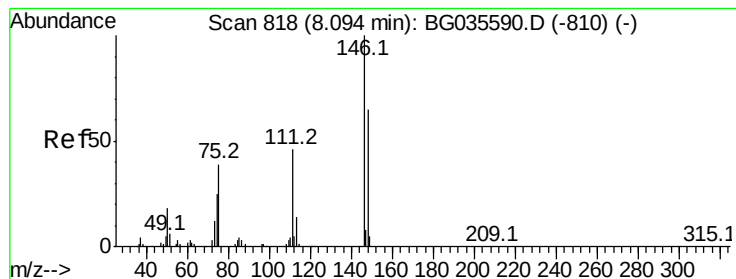
Tot Ion: 93 Resp: 69225
Ion Ratio Lower Upper
93 100
63 73.3 67.1 107.1
95 33.9 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 42.958 ng
RT: 7.90 min Scan# 785
Delta R.T. -0.02 min
Lab File: BG036165.D
Acq: 7 Aug 2018 17:04

Tgt Ion: 146 Resp: 82740
Ion Ratio Lower Upper
146 100
148 64.9 51.4 77.2
75 38.1 26.6 39.8





#13

1,4-Dichlorobenzene

Concen: 44.131 ng

RT: 8.04 min Scan# 809

Delta R.T. -0.02 min

Lab File: BG036165.D

Acq: 7 Aug 2018 17:04

Instrument :

BNA_G

ClientSampleId :

PB111787BS

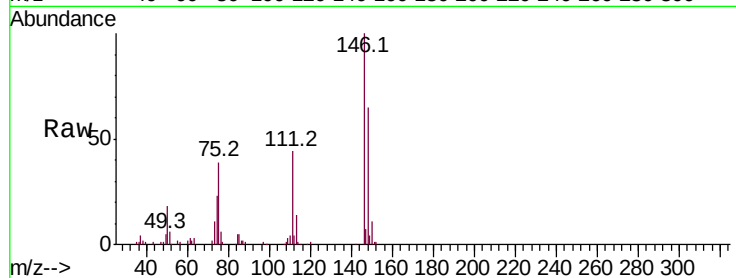
Tot Ion:146 Resp: 86362

Ion Ratio Lower Upper

146 100

148 65.3 53.7 80.5

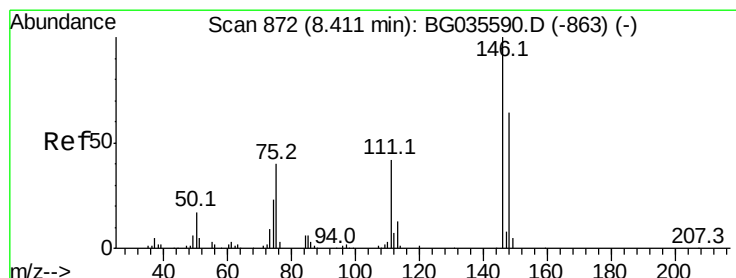
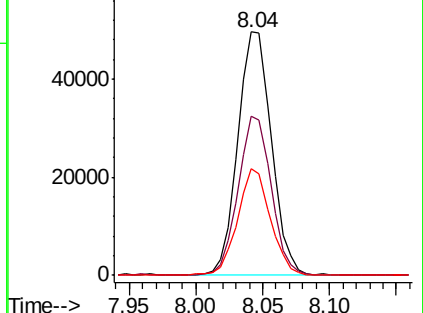
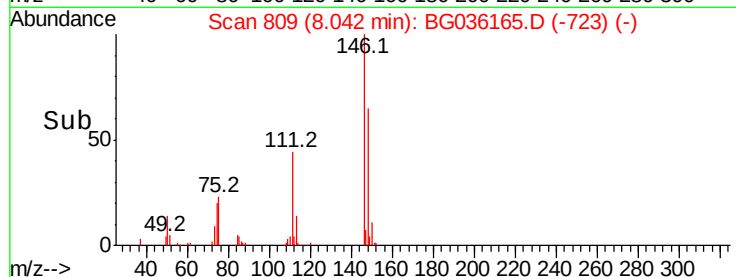
111 43.6 35.2 52.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.574 ng

RT: 8.36 min Scan# 863

Delta R.T. -0.02 min

Lab File: BG036165.D

Acq: 7 Aug 2018 17:04

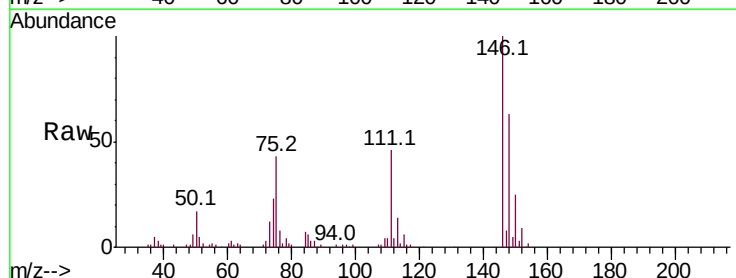
Tgt Ion:146 Resp: 80039

Ion Ratio Lower Upper

146 100

148 63.3 49.3 73.9

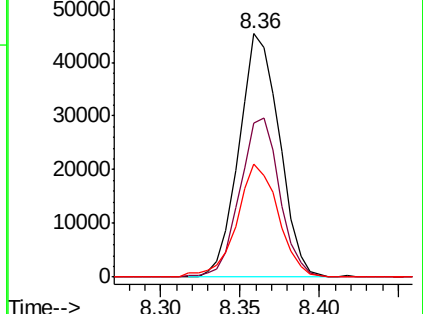
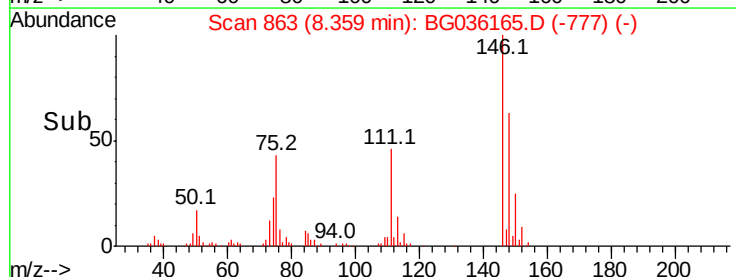
111 46.3 34.3 51.5

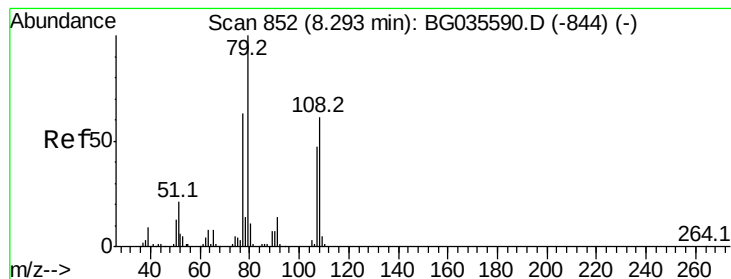


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.871 ng

RT: 8.25 min Scan# 845

Delta R.T. -0.01 min

Lab File: BG036165.D

Acq: 7 Aug 2018 17:04

Instrument :

BNA_G

ClientSampleId :

PB111787BS

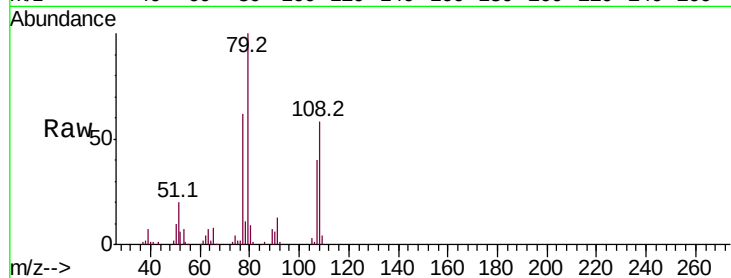
Tot Ion: 79 Resp: 80465

Ion Ratio Lower Upper

79 100

108 57.8 57.2 85.8

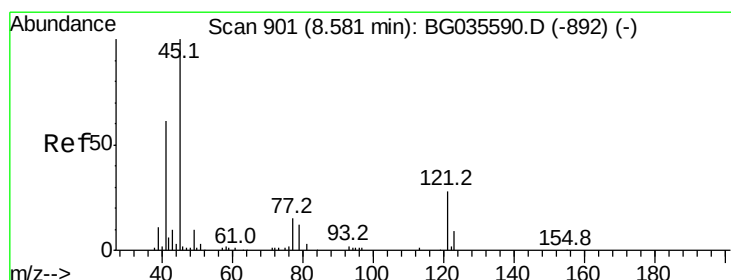
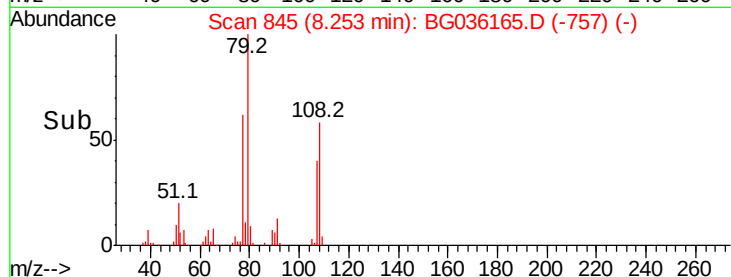
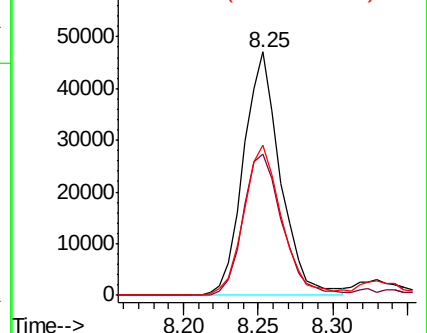
77 61.7 46.1 69.1



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 48.361 ng

RT: 8.54 min Scan# 893

Delta R.T. -0.02 min

Lab File: BG036165.D

Acq: 7 Aug 2018 17:04

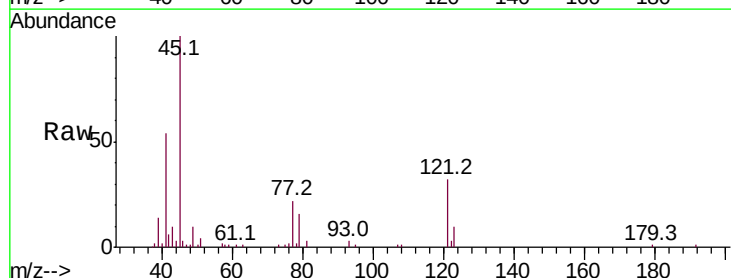
Tgt Ion: 45 Resp: 75058

Ion Ratio Lower Upper

45 100

77 21.9 0.0 30.2

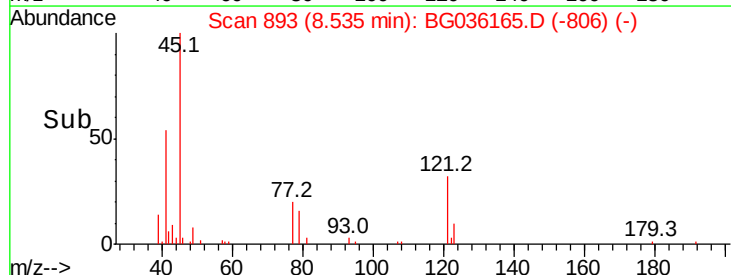
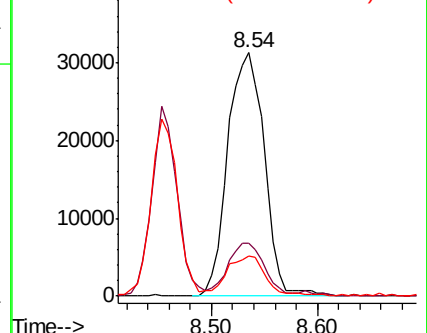
79 16.2 0.0 27.9

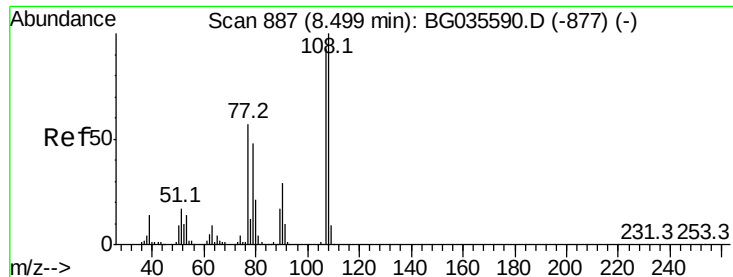


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 42.830 ng

RT: 8.46 min Scan# 880

Delta R.T. -0.01 min

Lab File: BG036165.D

Acq: 7 Aug 2018 17:04

Instrument :

BNA_G

ClientSampleId :

PB111787BS

Tot Ion:107 Resp: 68835

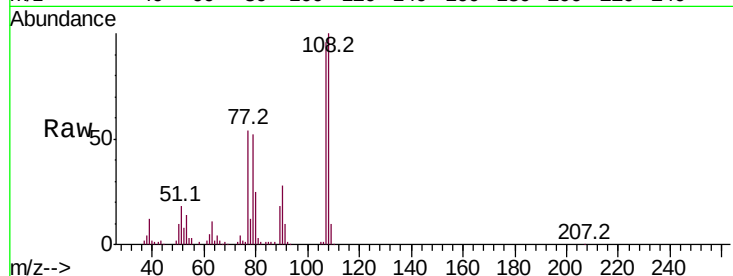
Ion Ratio Lower Upper

107 100

108 104.3 83.9 125.9

77 56.7 37.2 55.8#

79 54.7 36.2 54.2#

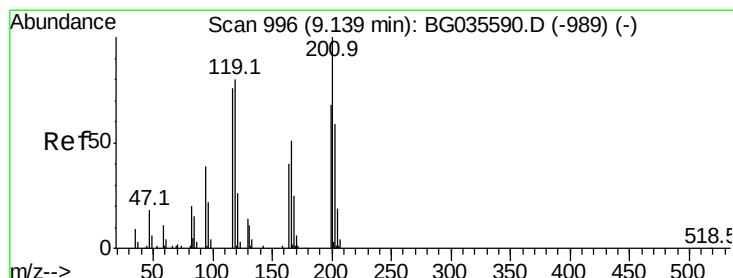
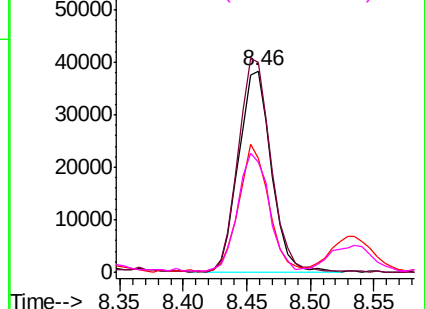
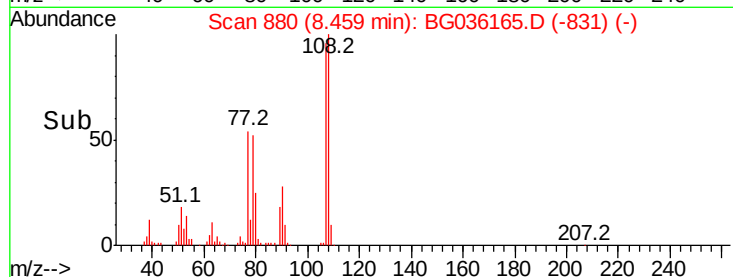


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 42.255 ng

RT: 9.09 min Scan# 987

Delta R.T. -0.02 min

Lab File: BG036165.D

Acq: 7 Aug 2018 17:04

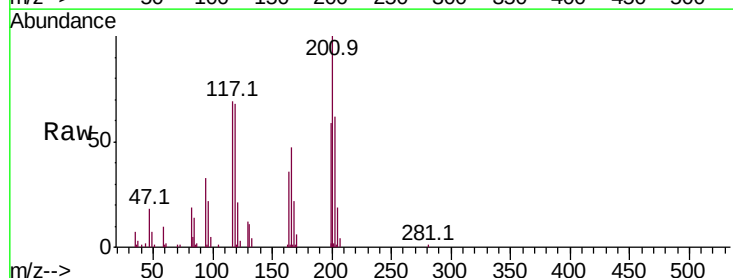
Tgt Ion:117 Resp: 31617

Ion Ratio Lower Upper

117 100

119 98.1 76.7 115.1

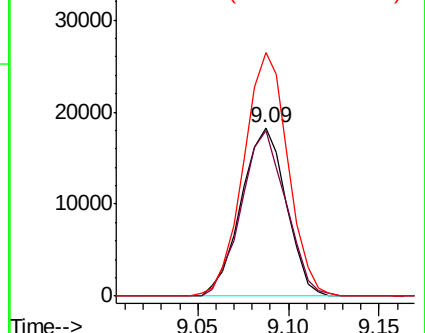
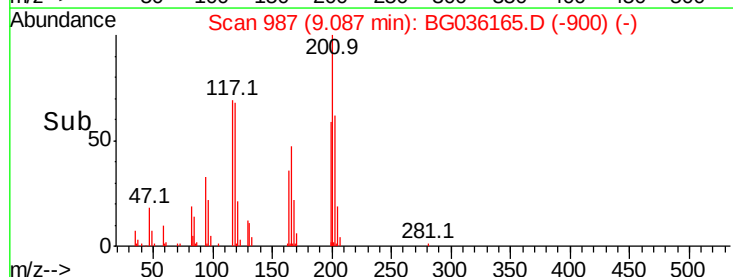
201 144.7 95.7 143.5#

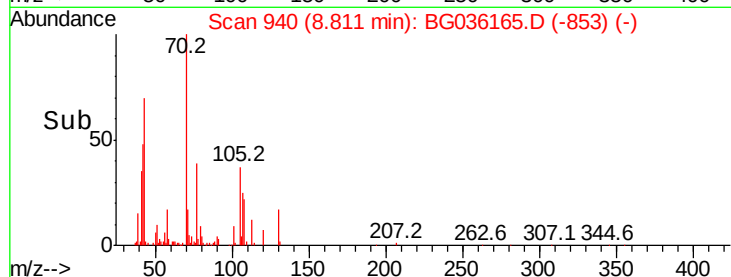
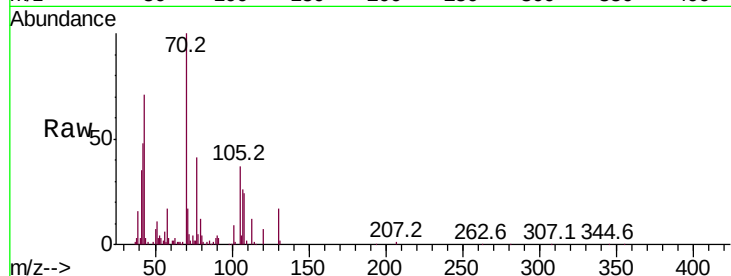
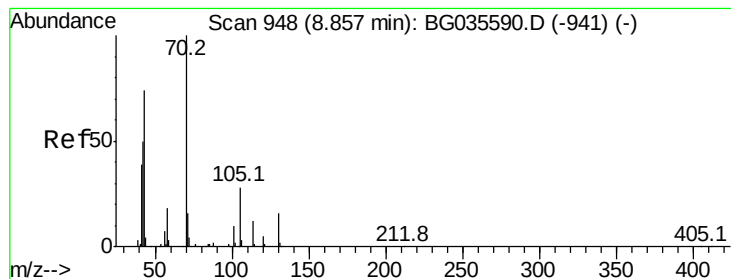


Abundance Ion 117.00 (116.70 to 117.70): E

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: 32.239 ng

RT: 8.81 min Scan# 940

Delta R.T. -0.02 min

Lab File: BG036165.D

Acq: 7 Aug 2018 17:04

Instrument :

BNA_G

ClientSampleId :

PB111787BS

Tot Ion: 70 Resp: 63520

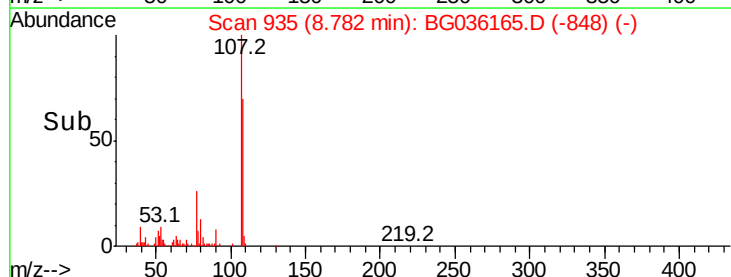
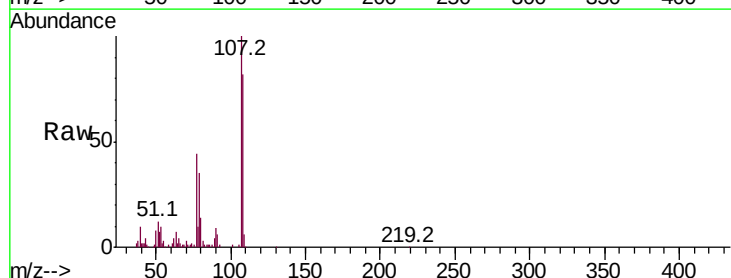
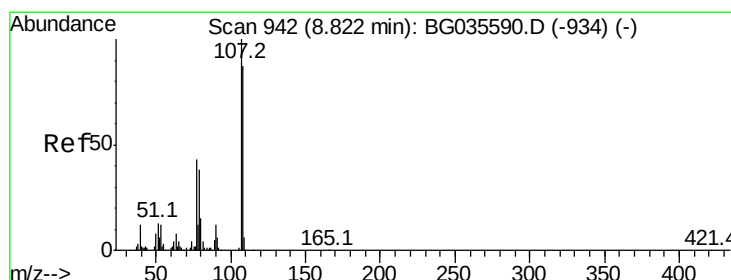
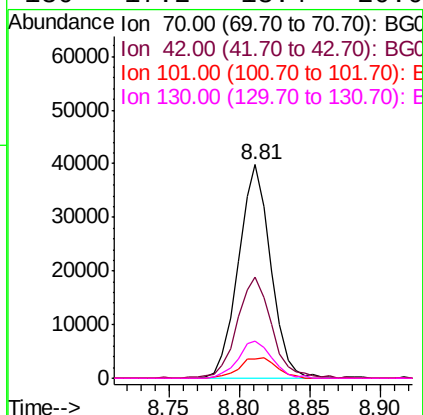
Ion Ratio Lower Upper

70 100

42 47.6 49.1 73.7#

101 9.2 8.5 12.7

130 17.2 13.4 20.0



#20

3+4-Methylphenols

Concen: 40.605 ng

RT: 8.78 min Scan# 935

Delta R.T. -0.02 min

Lab File: BG036165.D

Acq: 7 Aug 2018 17:04

Tgt Ion: 107 Resp: 90533

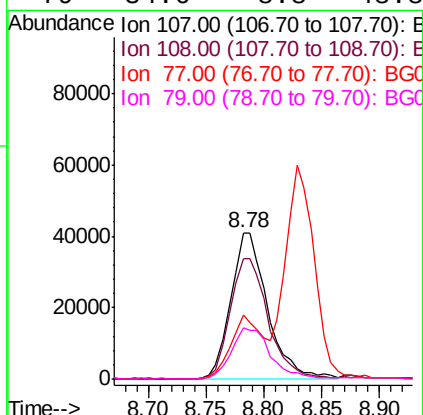
Ion Ratio Lower Upper

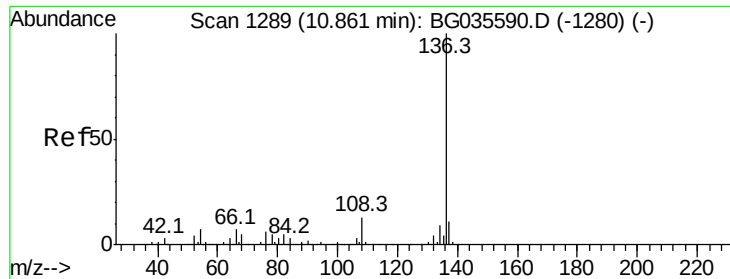
107 100

108 82.4 61.6 101.6

77 44.0 13.9 53.9

79 34.6 8.8 48.8

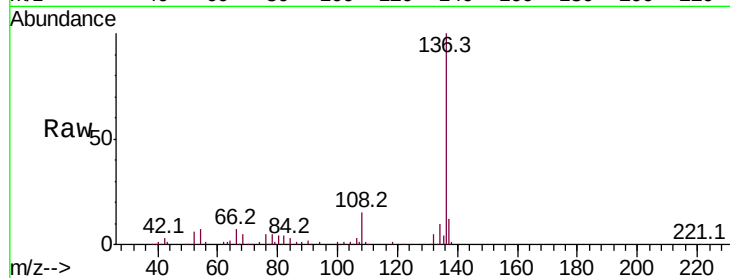




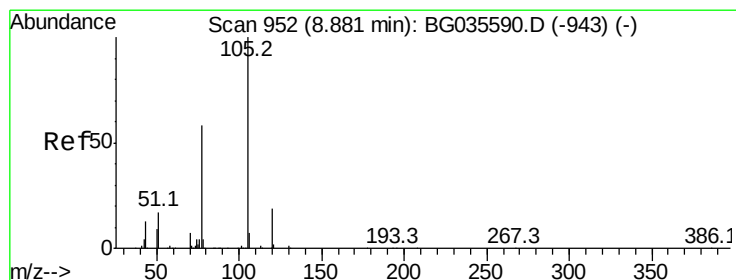
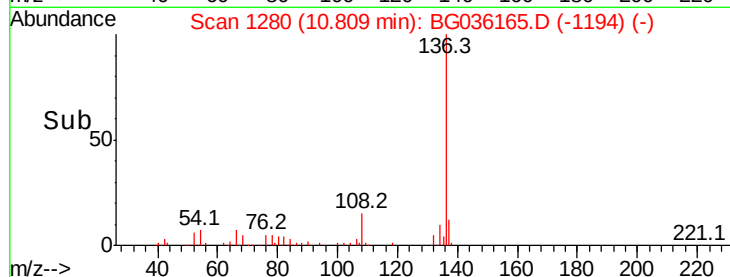
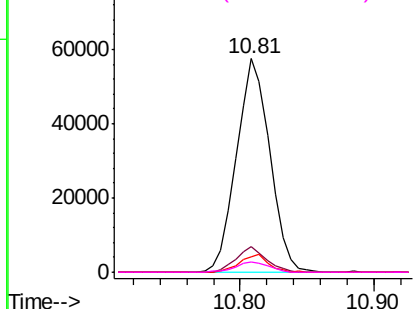
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BG036165.D
Acq: 7 Aug 2018 17:04

Instrument :
BNA_G
ClientSampleId :
PB111787BS

Tot Ion:136	Resp:	99308
Ion Ratio	Lower	Upper
136	100	
137	12.2	9.2 13.8
54	7.0	10.3 15.5#
68	4.6	4.5 6.7

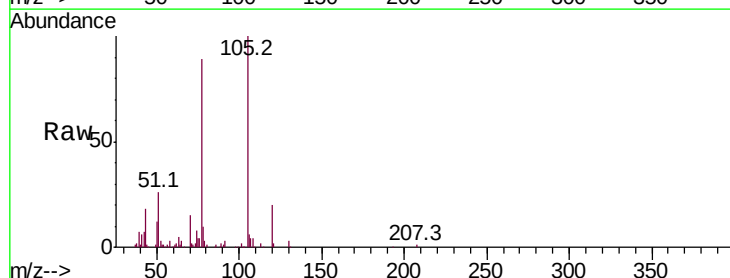


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

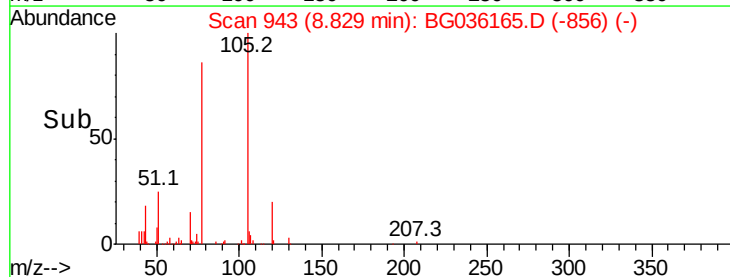
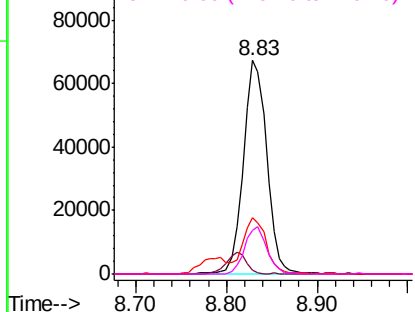


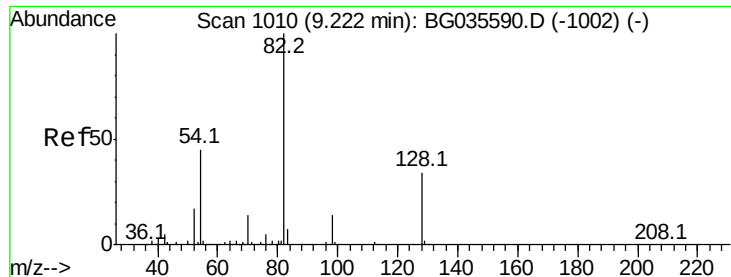
#22
Acetophenone
Concen: 38.940 ng
RT: 8.83 min Scan# 943
Delta R.T. -0.02 min
Lab File: BG036165.D
Acq: 7 Aug 2018 17:04

Tgt Ion:105	Resp:	120253
Ion Ratio	Lower	Upper
105	100	
71	2.1	3.0 4.4#
51	26.4	26.1 39.1
120	20.5	17.4 26.2



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

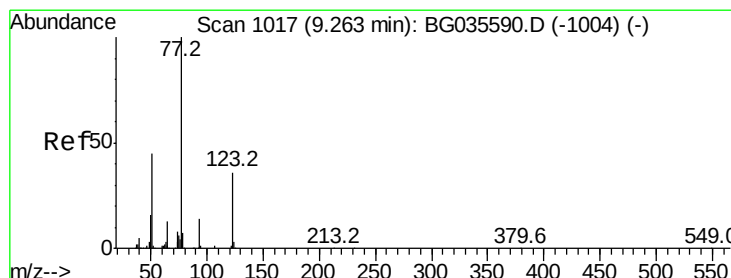
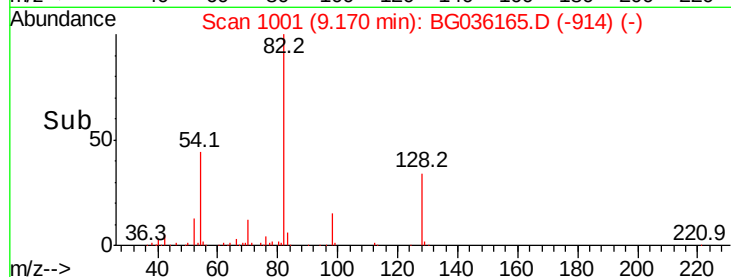
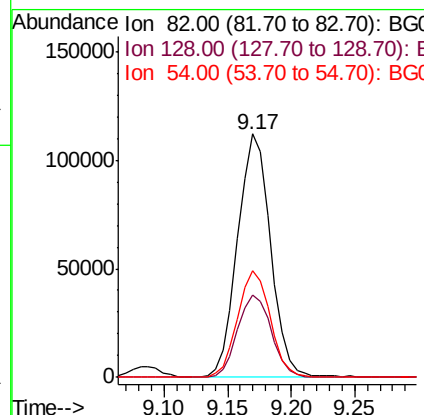
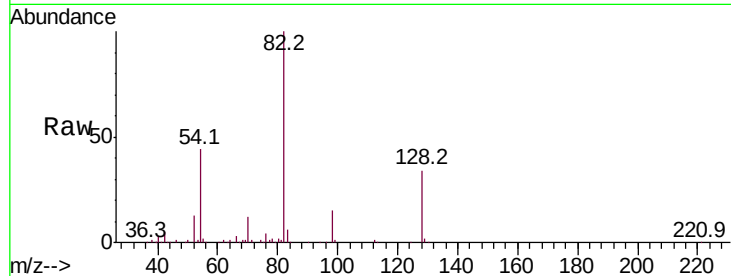




#23
 Nitrobenzene-d5
 Concen: 85.129 ng
 RT: 9.17 min Scan# 1001
 Delta R.T. -0.02 min
 Lab File: BG036165.D
 Acq: 7 Aug 2018 17:04

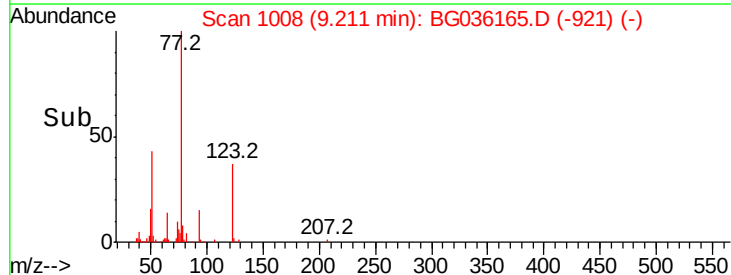
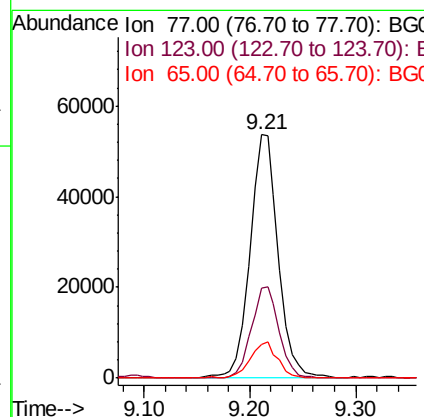
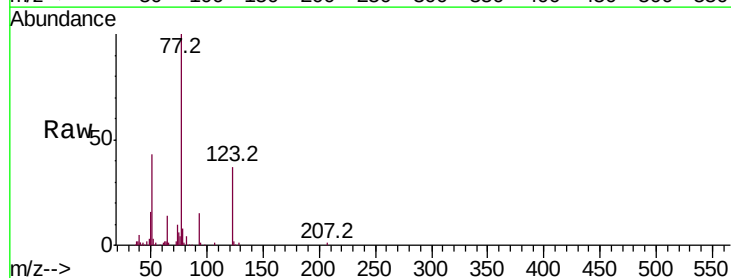
Instrument :
 BNA_G
 ClientSampleId :
 PB111787BS

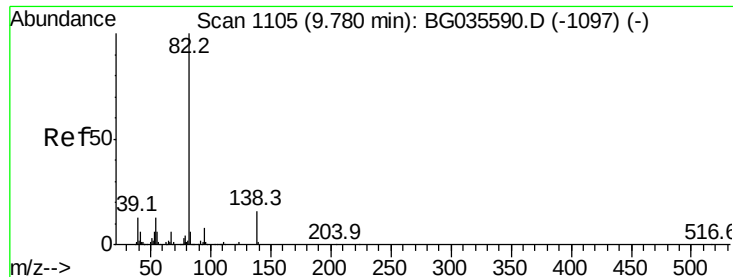
Tot Ion: 82 Resp: 202370
 Ion Ratio Lower Upper
 82 100
 128 33.8 29.7 44.5
 54 43.7 43.1 64.7



#24
 Nitrobenzene
 Concen: 41.476 ng
 RT: 9.21 min Scan# 1008
 Delta R.T. -0.02 min
 Lab File: BG036165.D
 Acq: 7 Aug 2018 17:04

Tgt Ion: 77 Resp: 99160
 Ion Ratio Lower Upper
 77 100
 123 37.0 33.0 49.6
 65 13.7 13.0 19.6





#25

Isophorone

Concen: 40.001 ng

RT: 9.73 min Scan# 1097

Delta R.T. -0.02 min

Lab File: BG036165.D

Acq: 7 Aug 2018 17:04

Instrument :

BNA_G

ClientSampleId :

PB111787BS

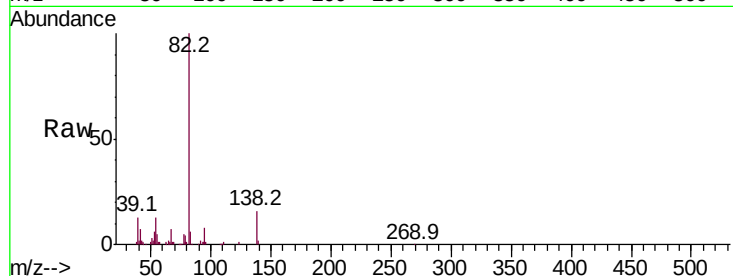
Tot Ion: 82 Resp: 176523

Ion Ratio Lower Upper

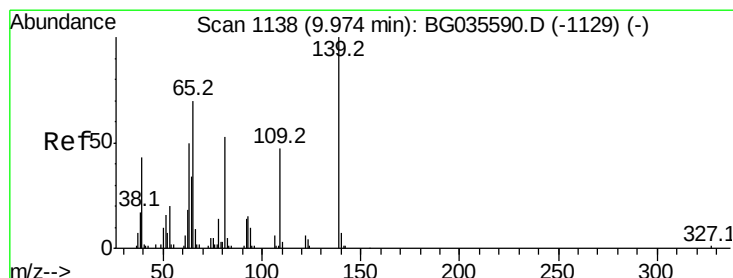
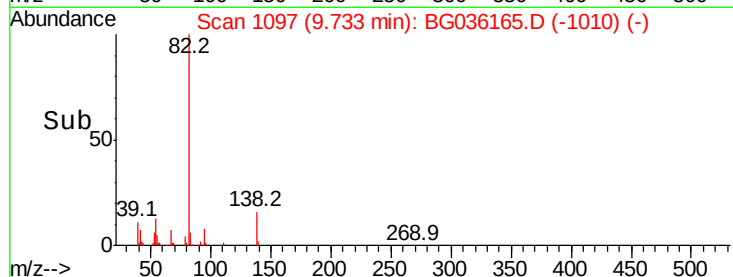
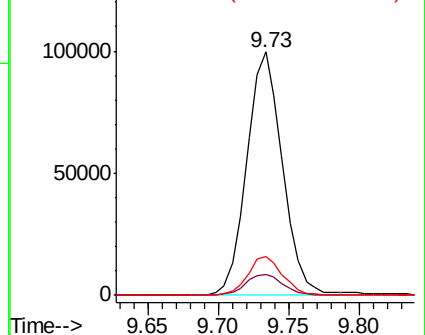
82 100

95 8.4 6.2 9.2

138 16.0 12.1 18.1



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 49.999 ng

RT: 9.93 min Scan# 1130

Delta R.T. -0.02 min

Lab File: BG036165.D

Acq: 7 Aug 2018 17:04

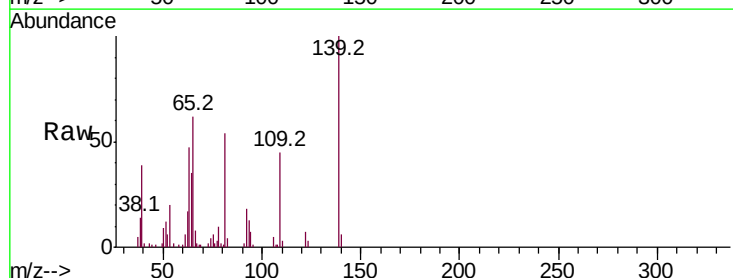
Tgt Ion: 139 Resp: 42453

Ion Ratio Lower Upper

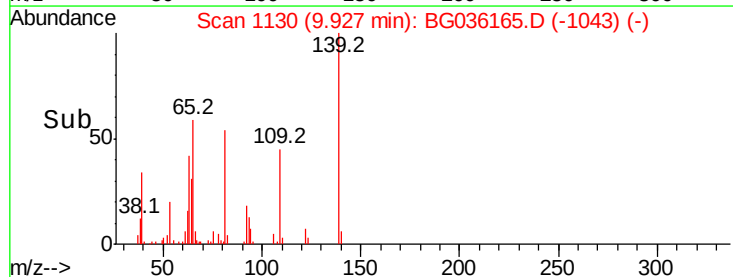
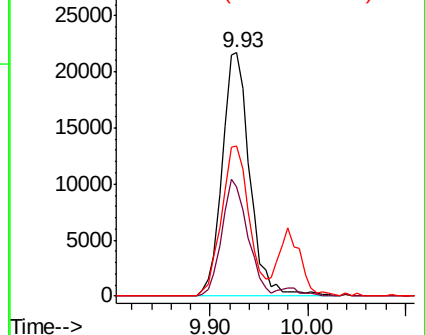
139 100

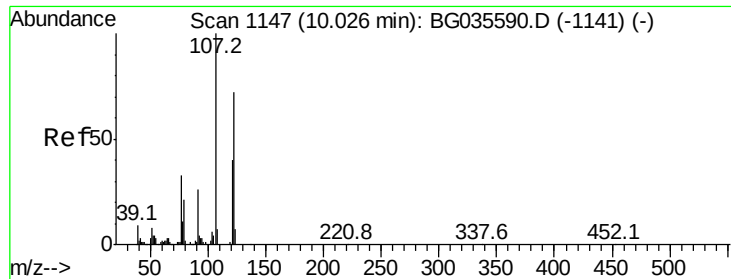
109 44.8 24.2 36.2#

65 61.8 47.4 71.0



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

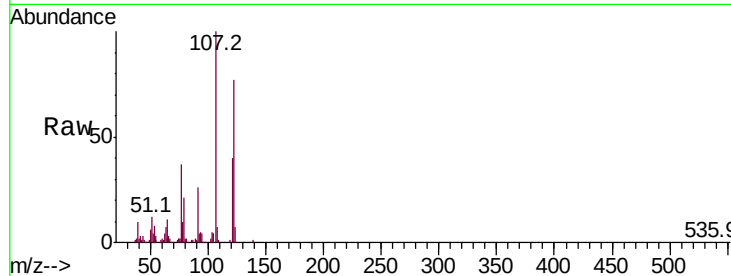




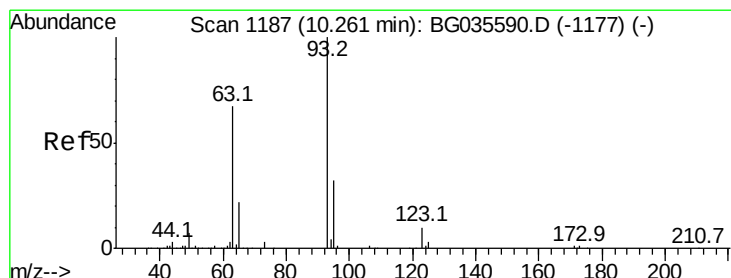
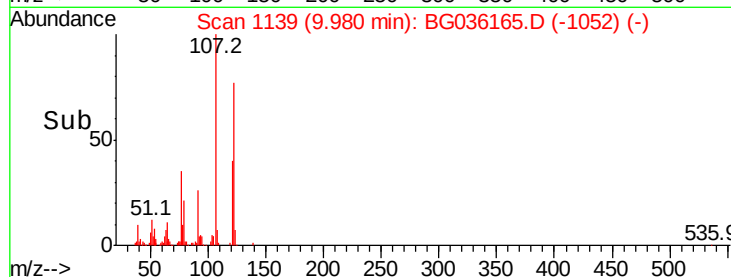
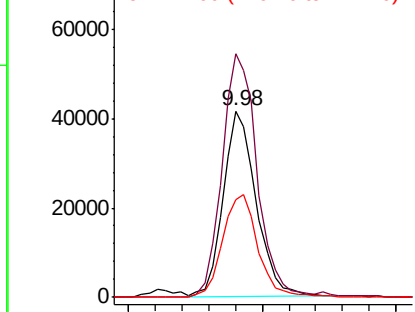
#27
2,4-Dimethylphenol
Concen: 49.731 ng
RT: 9.98 min Scan# 1139
Delta R.T. -0.02 min
Lab File: BG036165.D
Acq: 7 Aug 2018 17:04

Instrument :
BNA_G
ClientSampleId :
PB111787BS

Tot Ion:122 Resp: 71476
Ion Ratio Lower Upper
122 100
107 130.5 100.2 150.2
121 52.1 44.4 66.6

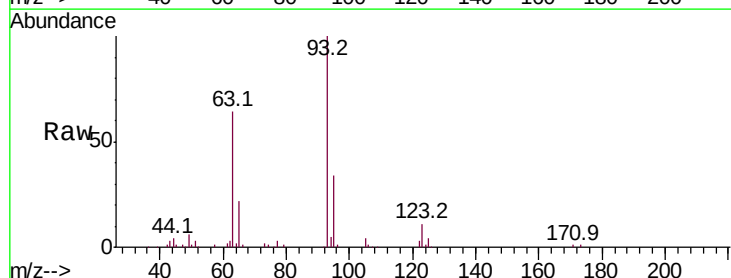


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

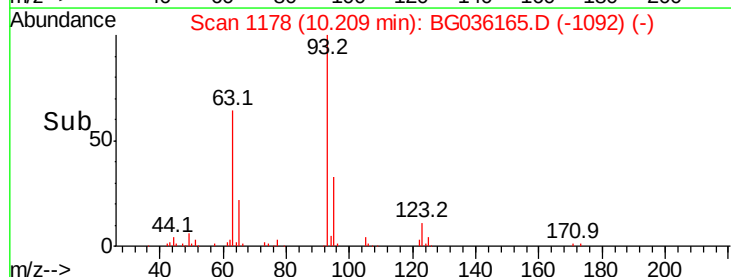
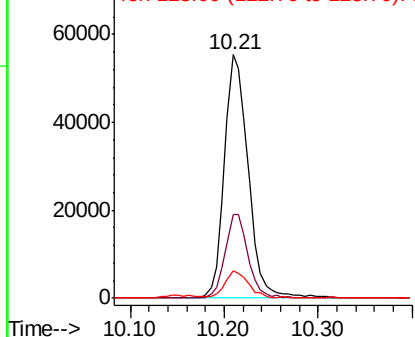


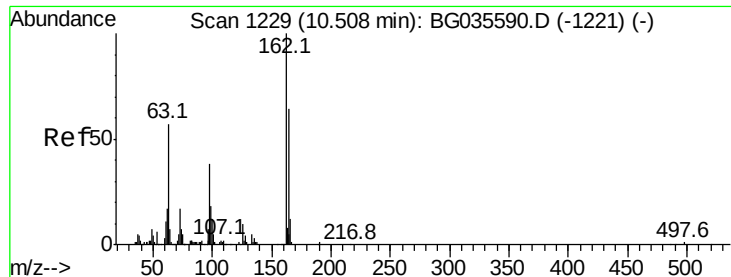
#28
bis(2-Chloroethoxy)methane
Concen: 40.066 ng
RT: 10.21 min Scan# 1178
Delta R.T. -0.02 min
Lab File: BG036165.D
Acq: 7 Aug 2018 17:04

Tgt Ion: 93 Resp: 97427
Ion Ratio Lower Upper
93 100
95 34.1 24.3 36.5
123 11.3 8.4 12.6



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 123.00 (122.70 to 123.70): E

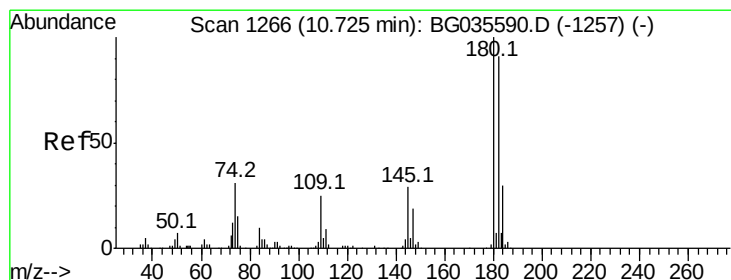
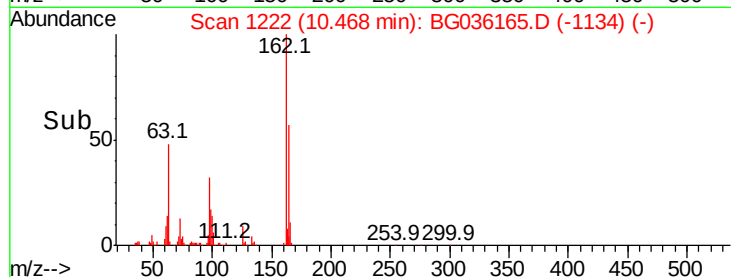
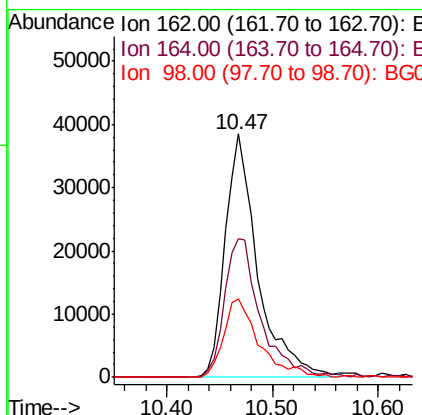
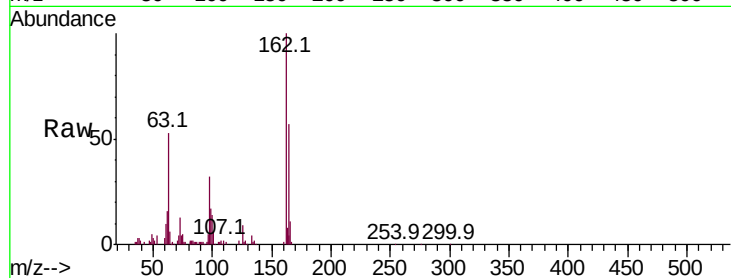




#29
2,4-Dichlorophenol
Concen: 50.229 ng
RT: 10.47 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BG036165.D
Acq: 7 Aug 2018 17:04

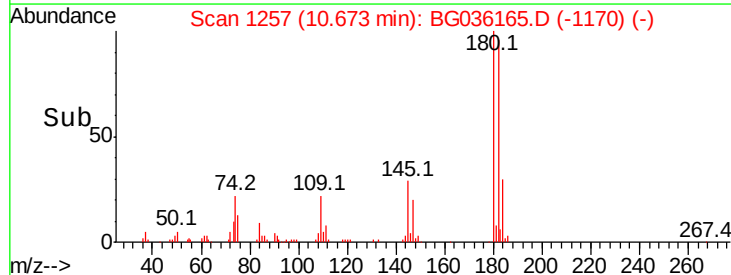
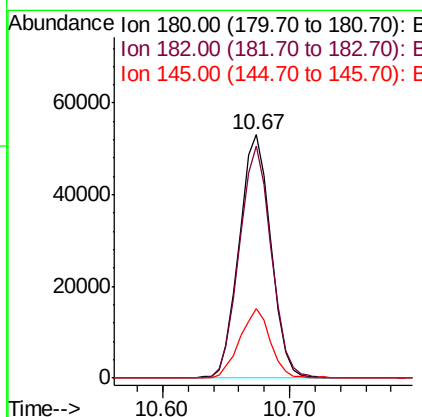
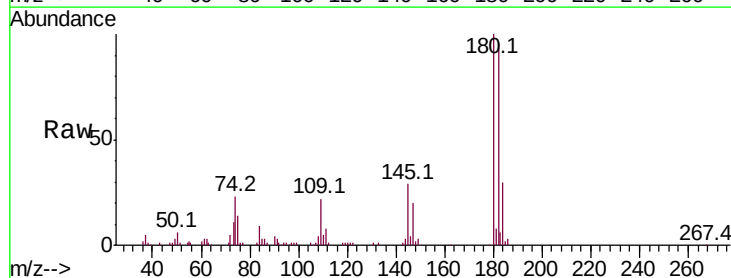
Instrument :
BNA_G
ClientSampleId :
PB111787BS

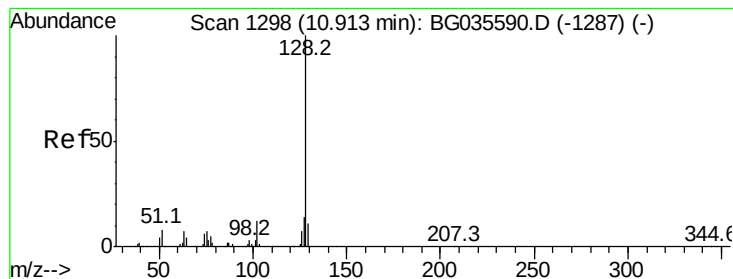
Tot Ion	Ratio	Lower	Upper
162	100		
164	56.7	48.0	88.0
98	32.0	21.1	61.1



#30
1,2,4-Trichlorobenzene
Concen: 45.626 ng
RT: 10.67 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BG036165.D
Acq: 7 Aug 2018 17:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	77.5	116.3
145	28.7	23.4	35.2





#31

Naphthalene

Concen: 41.883 ng

RT: 10.86 min Scan# 1288

Delta R.T. -0.02 min

Lab File: BG036165.D

Acq: 7 Aug 2018 17:04

Instrument :

BNA_G

ClientSampleId :

PB111787BS

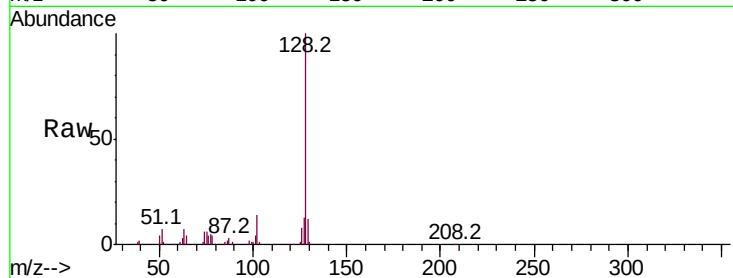
Tot Ion:128 Resp: 216664

Ion Ratio Lower Upper

128 100

129 11.7 8.6 12.8

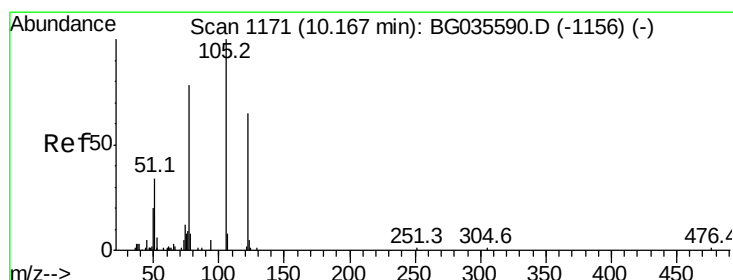
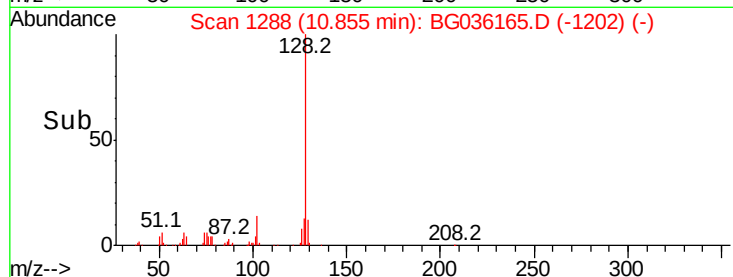
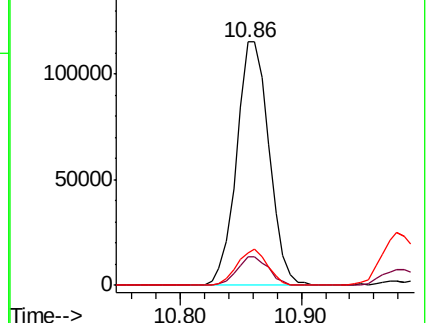
127 13.2 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 20.916 ng

RT: 10.14 min Scan# 1167

Delta R.T. -0.02 min

Lab File: BG036165.D

Acq: 7 Aug 2018 17:04

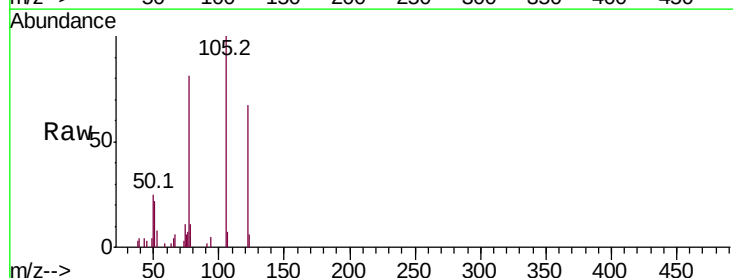
Tgt Ion:122 Resp: 20237

Ion Ratio Lower Upper

122 100

105 148.8 123.5 163.5

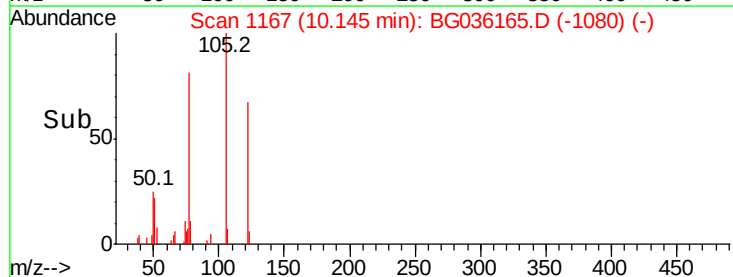
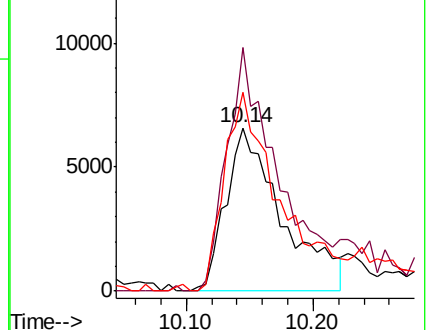
77 121.2 85.7 125.7

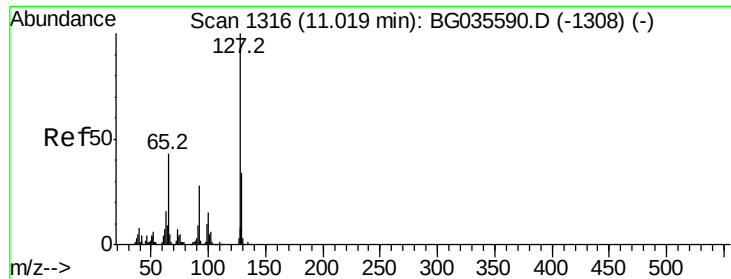


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

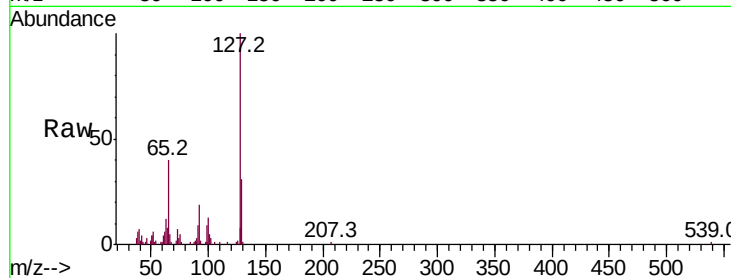




#33
4-Chloroaniline
Concen: 26.148 ng
RT: 10.98 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BG036165.D
Acq: 7 Aug 2018 17:04

Instrument :
BNA_G
ClientSampleId :
PB111787BS

Tot Ion:	127	Resp:	58954
Ion	Ratio	Lower	Upper
127	100		
129	30.7	24.0	36.0
65	40.4	27.0	40.4
92	18.8	16.6	25.0



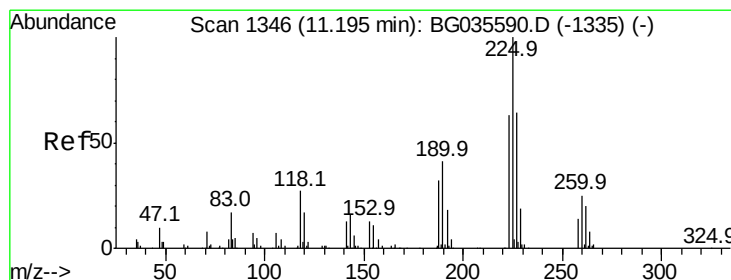
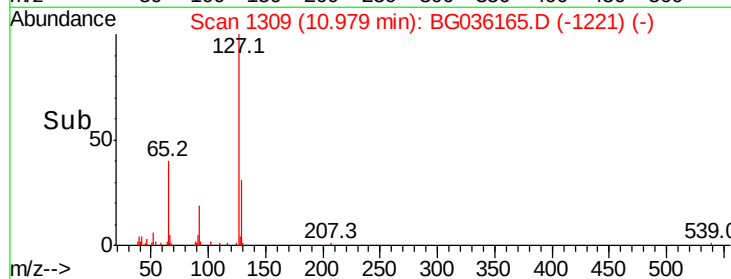
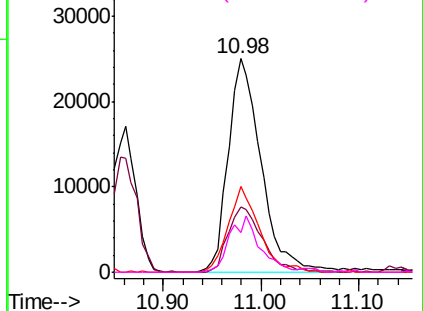
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

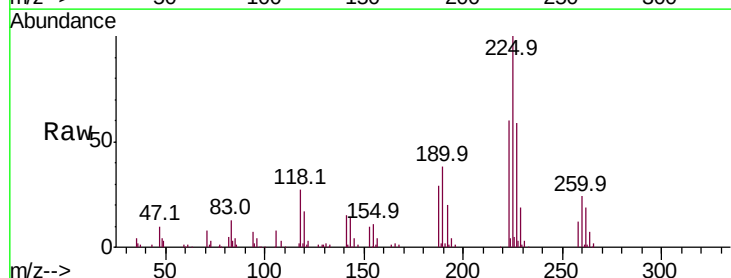
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 47.679 ng
RT: 11.14 min Scan# 1336
Delta R.T. -0.02 min
Lab File: BG036165.D
Acq: 7 Aug 2018 17:04

Tgt Ion:	225	Resp:	74798
Ion	Ratio	Lower	Upper
225	100		
223	60.4	49.7	74.5
227	58.6	48.1	72.1

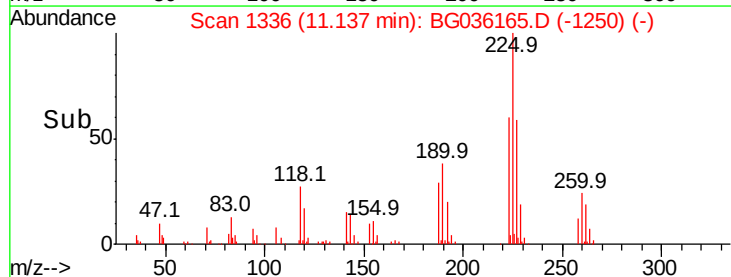
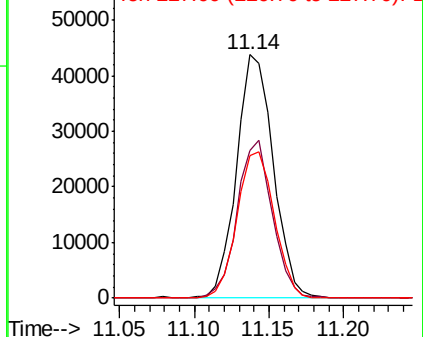


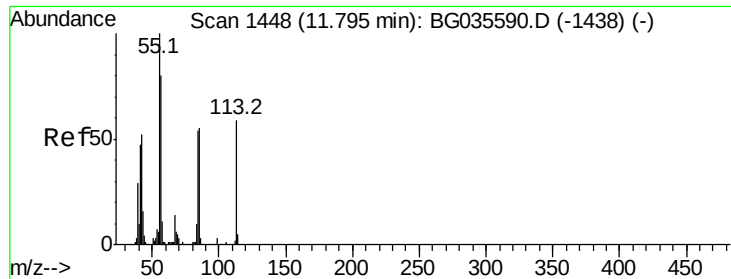
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 26.735 ng

RT: 11.75 min Scan# 1440

Delta R.T. -0.02 min

Lab File: BG036165.D

Acq: 7 Aug 2018 17:04

Instrument :

BNA_G

ClientSampleId :

PB111787BS

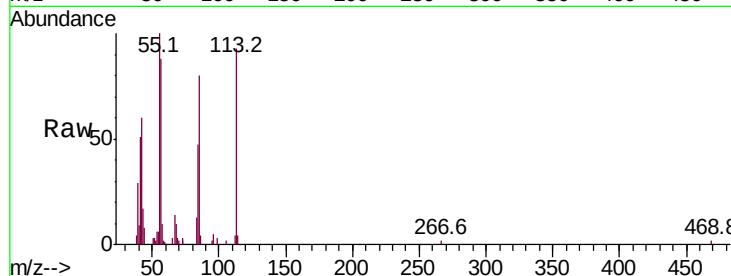
Tot Ion:113 Resp: 18823

Ion Ratio Lower Upper

113 100

55 107.1 186.9 226.9#

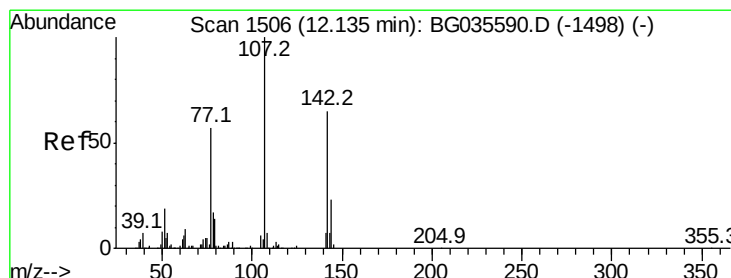
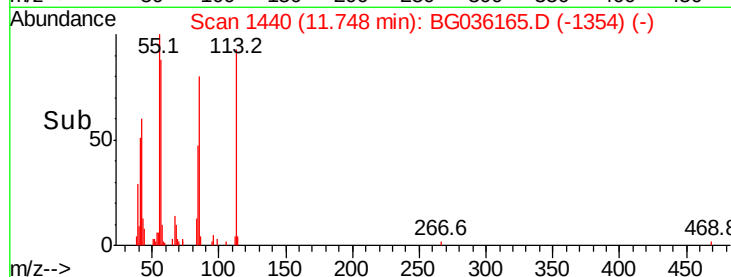
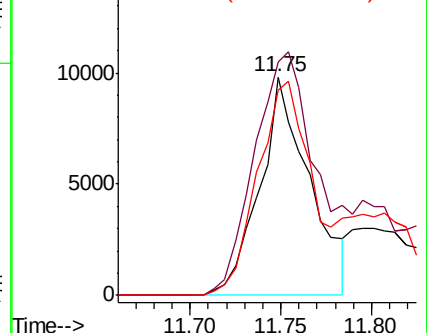
56 94.0 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 44.386 ng

RT: 12.10 min Scan# 1499

Delta R.T. -0.02 min

Lab File: BG036165.D

Acq: 7 Aug 2018 17:04

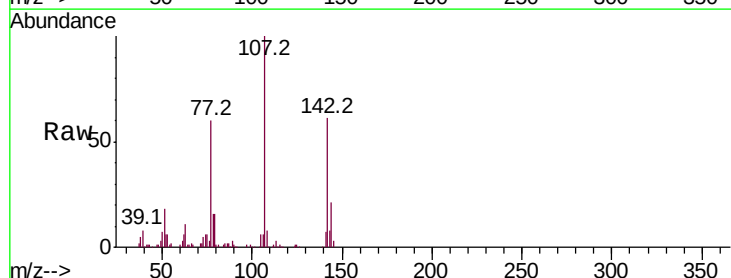
Tgt Ion:107 Resp: 97612

Ion Ratio Lower Upper

107 100

144 21.4 18.2 27.4

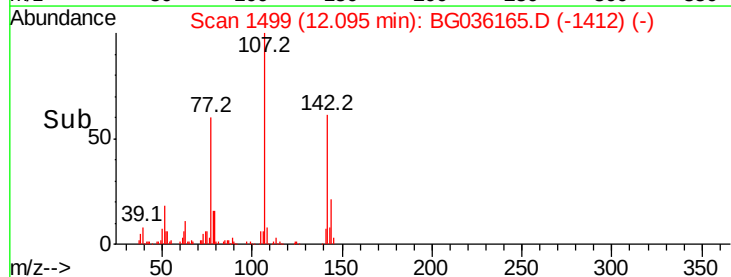
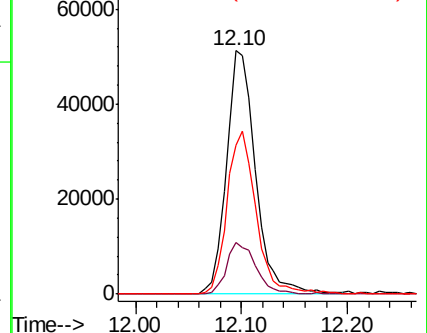
142 61.4 59.0 88.4

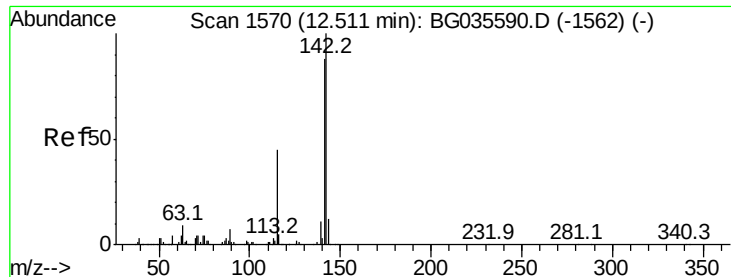


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

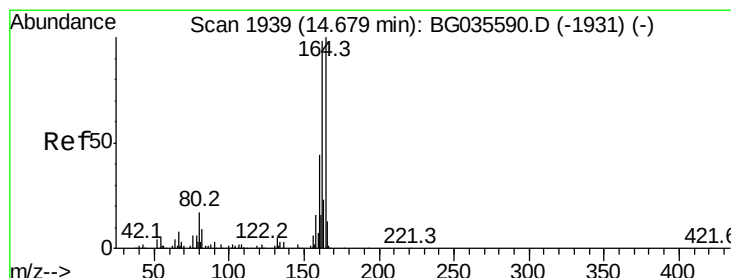
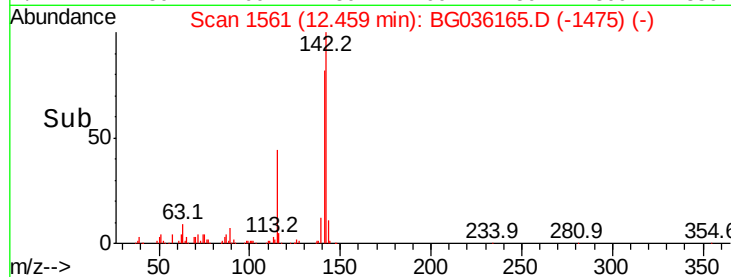
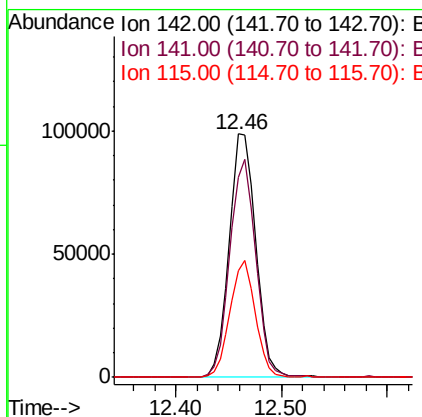
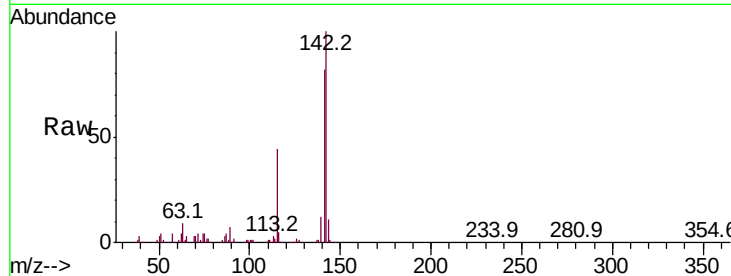




#37
2-Methylnaphthalene
Concen: 44.516 ng
RT: 12.46 min Scan# 1561
Delta R.T. -0.02 min
Lab File: BG036165.D
Acq: 7 Aug 2018 17:04

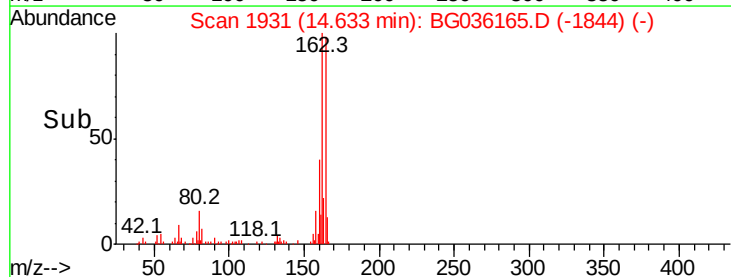
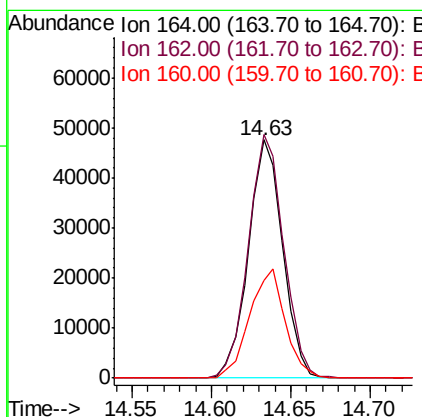
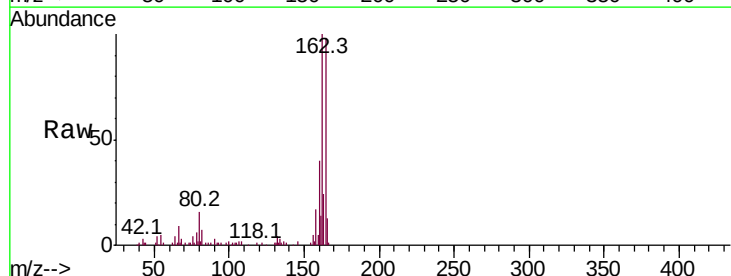
Instrument :
BNA_G
ClientSampleId :
PB111787BS

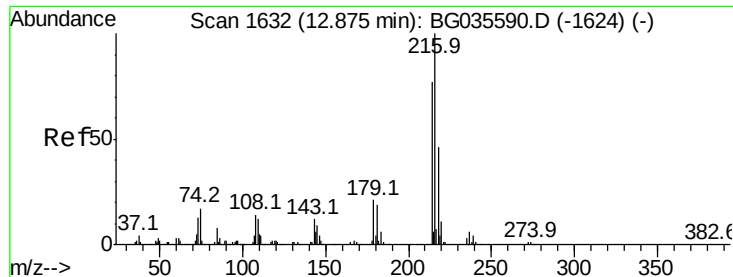
Tot Ion	Ratio	Lower	Upper
142	100		
141	82.3	67.1	100.7
115	44.0	30.7	46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1931
Delta R.T. -0.02 min
Lab File: BG036165.D
Acq: 7 Aug 2018 17:04

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	78.8	118.2
160	41.3	35.4	53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 46.390 ng

RT: 12.83 min Scan# 1624

Delta R.T. -0.02 min

Lab File: BG036165.D

Acq: 7 Aug 2018 17:04

Instrument :

BNA_G

ClientSampleId :

PB111787BS

Tot Ion:216 Resp: 125176

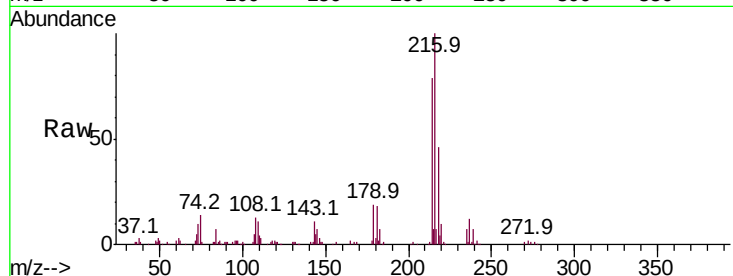
Ion Ratio Lower Upper

216 100

214 77.9 63.0 94.4

179 18.8 17.0 25.6

108 14.6 12.8 19.2

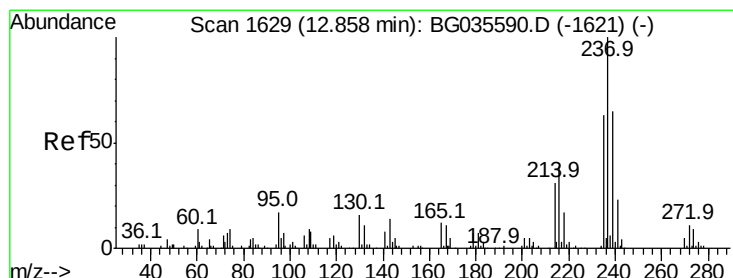
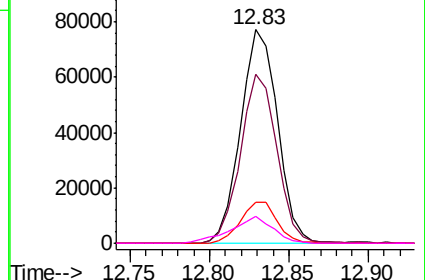
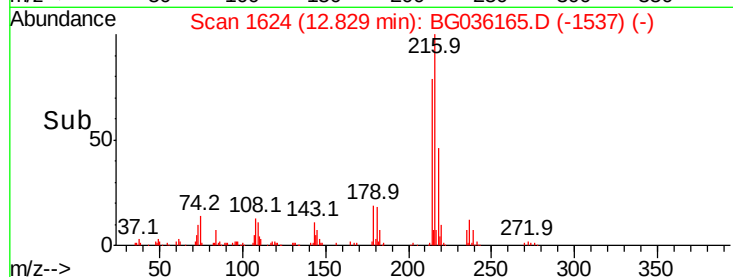


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 108.828 ng

RT: 12.81 min Scan# 1620

Delta R.T. -0.02 min

Lab File: BG036165.D

Acq: 7 Aug 2018 17:04

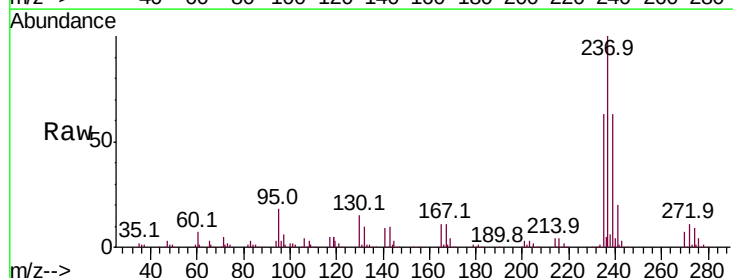
Tgt Ion:237 Resp: 154004

Ion Ratio Lower Upper

237 100

235 62.9 50.4 90.4

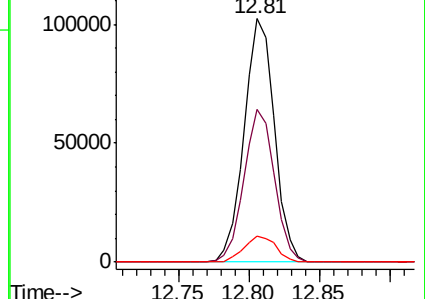
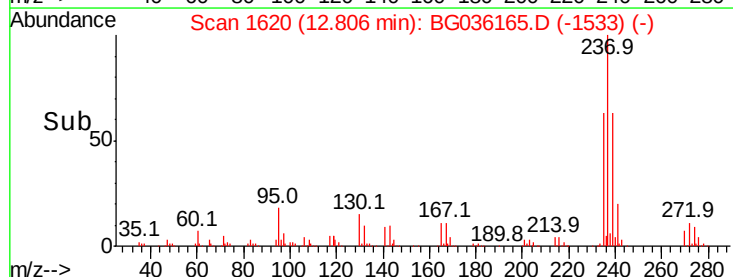
272 10.7 0.0 31.8

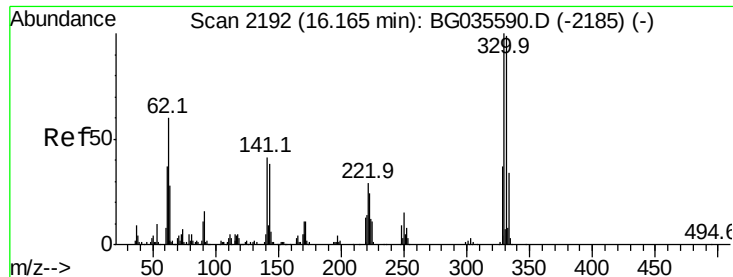


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

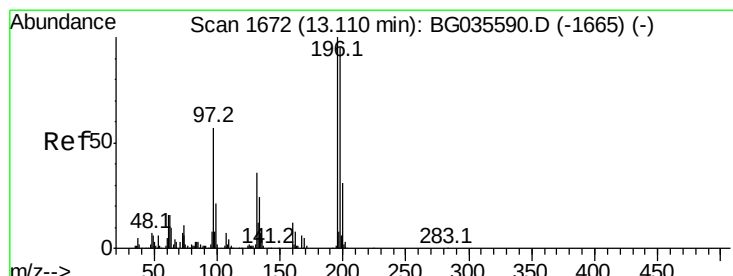
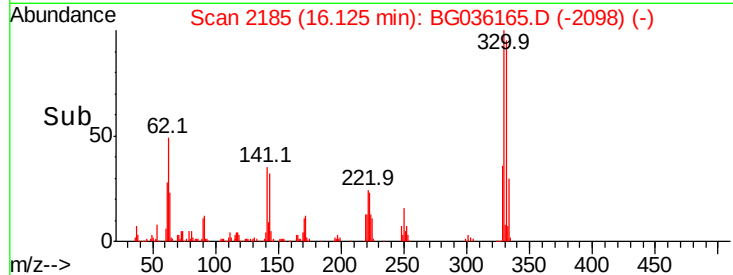
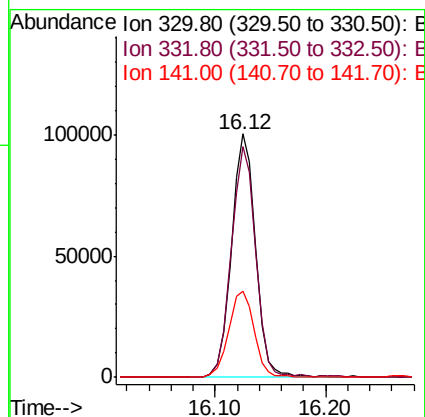
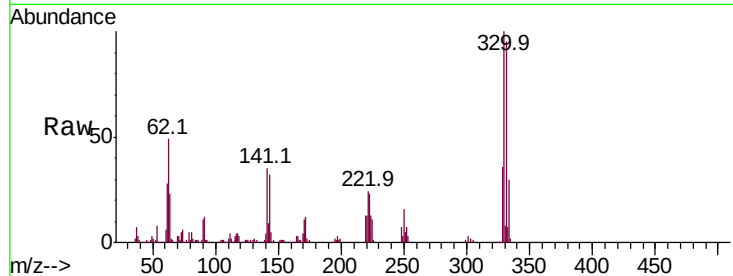




#41
 2,4,6-Tribromophenol
 Concen: 162.431 ng
 RT: 16.12 min Scan# 2185
 Delta R.T. -0.02 min
 Lab File: BG036165.D
 Acq: 7 Aug 2018 17:04

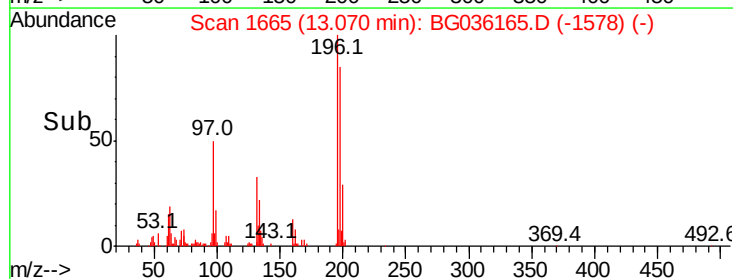
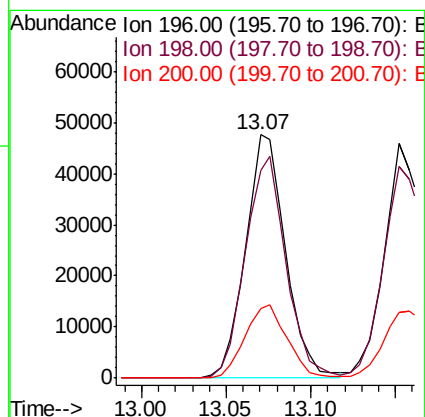
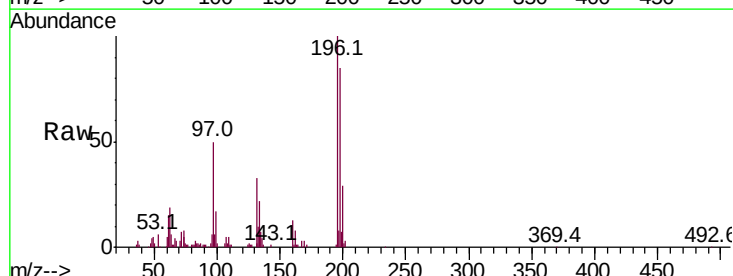
Instrument :
 BNA_G
 ClientSampleId :
 PB111787BS

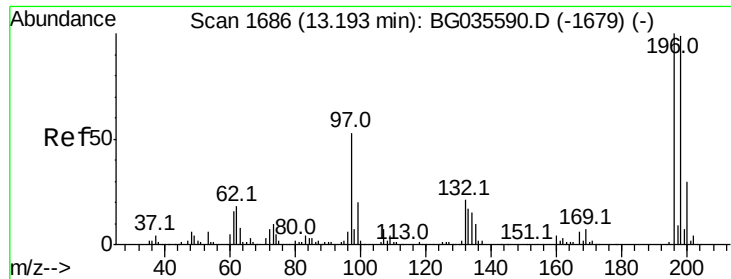
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	37.7	25.2	37.8



#42
 2,4,6-Trichlorophenol
 Concen: 49.720 ng
 RT: 13.07 min Scan# 1665
 Delta R.T. -0.02 min
 Lab File: BG036165.D
 Acq: 7 Aug 2018 17:04

Tgt Ion	Ratio	Lower	Upper
196	100		
198	85.5	78.2	117.2
200	28.7	24.6	36.8

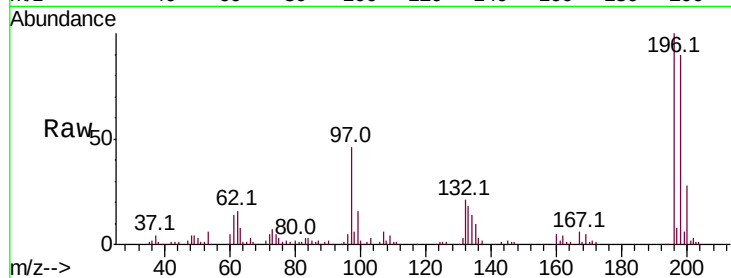




#43
 2,4,5-Trichlorophenol
 Concen: 47.534 ng
 RT: 13.15 min Scan# 1679
 Delta R.T. -0.01 min
 Lab File: BG036165.D
 Acq: 7 Aug 2018 17:04

Instrument :
 BNA_G
 ClientSampleId :
 PB111787BS

Tot Ion:196	Resp:	83911	
Ion Ratio	Lower	Upper	
196 100			
198 90.3	76.2	114.4	
97 45.8	38.7	58.1	
132 20.7	20.2	30.2	



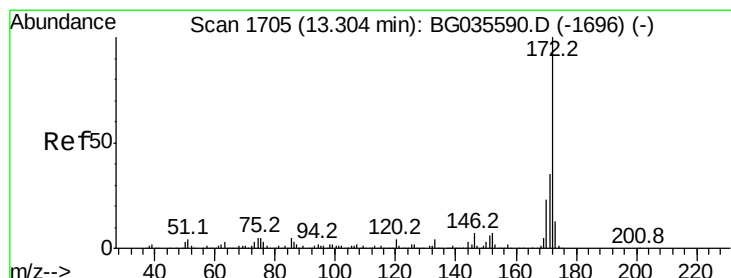
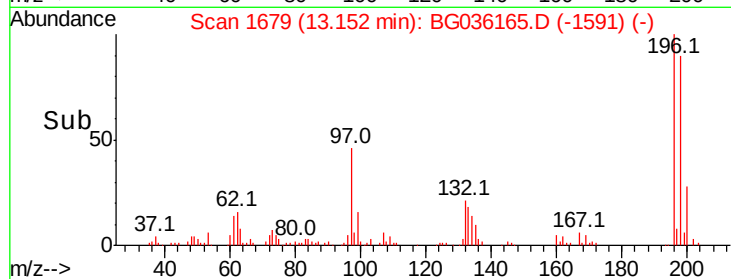
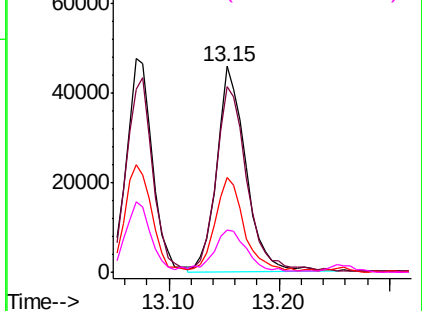
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

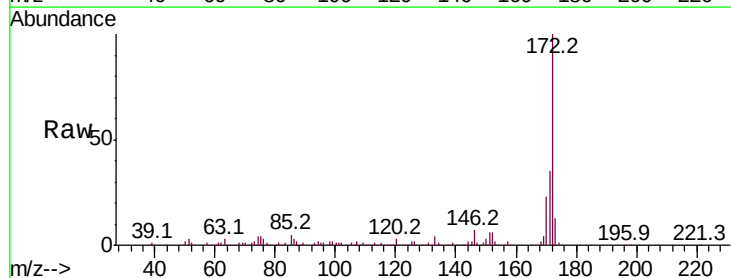
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 87.945 ng
 RT: 13.26 min Scan# 1697
 Delta R.T. -0.02 min
 Lab File: BG036165.D
 Acq: 7 Aug 2018 17:04

Tgt	Ion:172	Resp:	469289
Ion	Ratio	Lower	Upper
172	100		
171	35.3	30.0	45.0
170	23.1	19.5	29.3

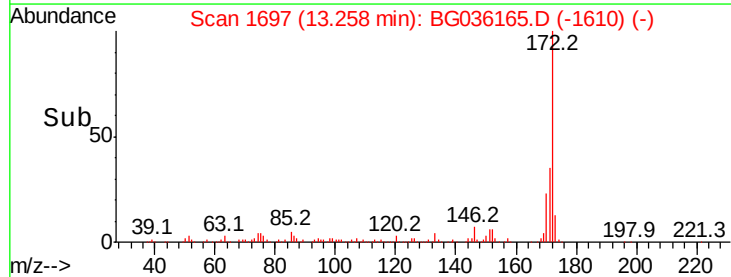
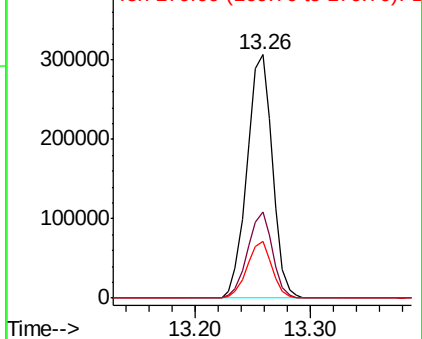


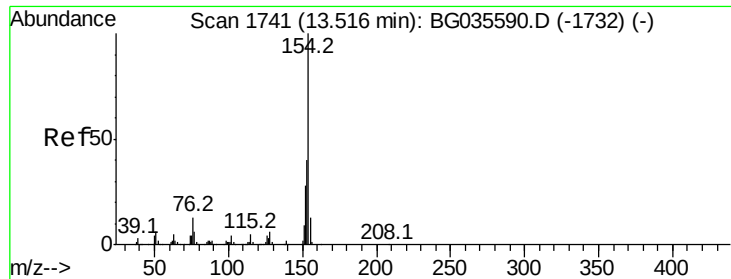
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 42.067 ng

RT: 13.47 min Scan# 1733

Delta R.T. -0.02 min

Lab File: BG036165.D

Acq: 7 Aug 2018 17:04

Instrument :

BNA_G

ClientSampleId :

PB111787BS

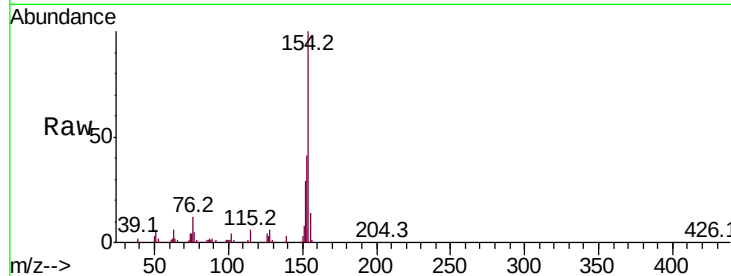
Tot Ion:154 Resp: 233162

Ion Ratio Lower Upper

154 100

153 41.3 19.8 59.8

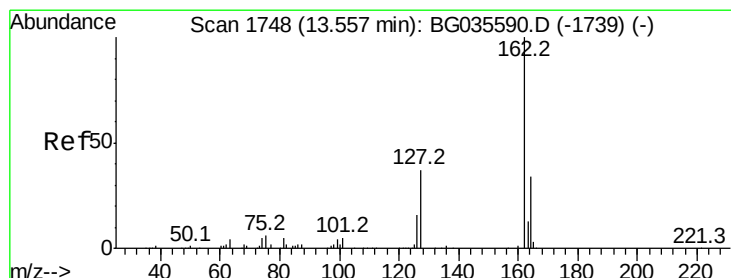
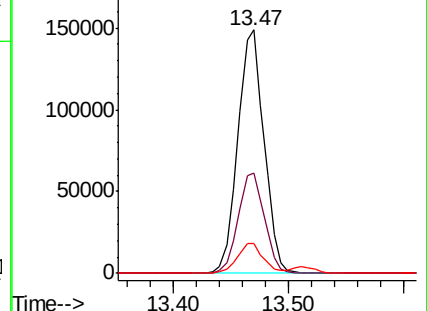
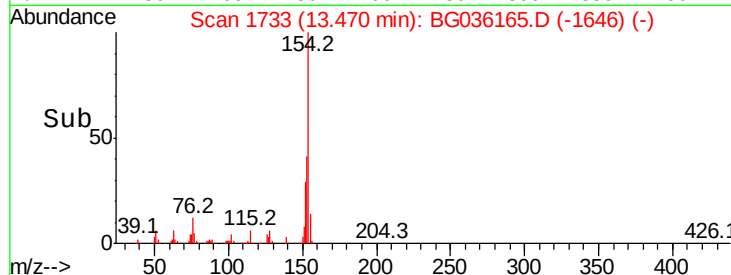
76 12.1 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 43.487 ng

RT: 13.51 min Scan# 1740

Delta R.T. -0.02 min

Lab File: BG036165.D

Acq: 7 Aug 2018 17:04

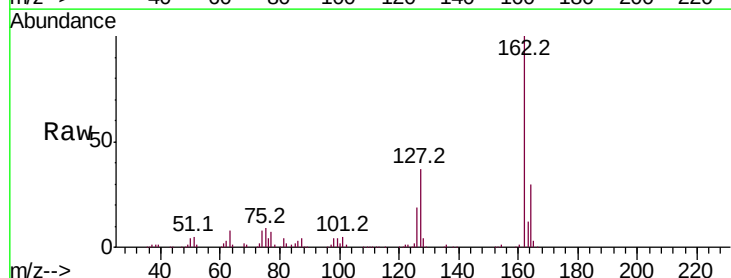
Tgt Ion:162 Resp: 187484

Ion Ratio Lower Upper

162 100

127 37.4 30.7 46.1

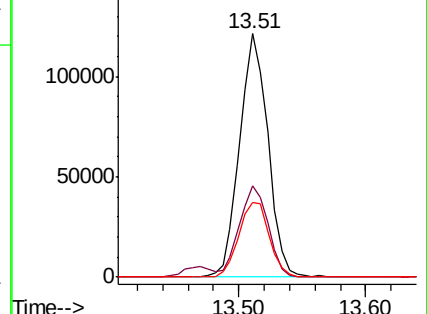
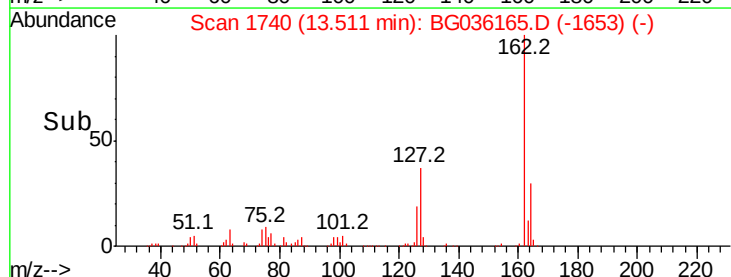
164 30.4 26.0 39.0

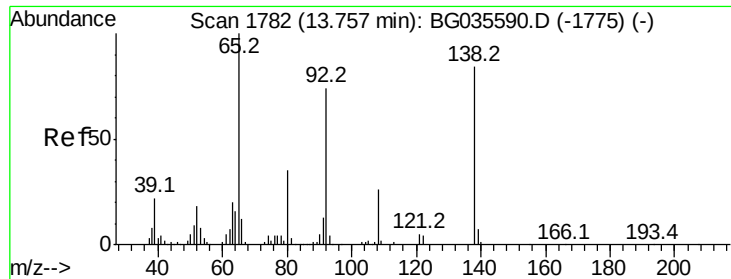


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

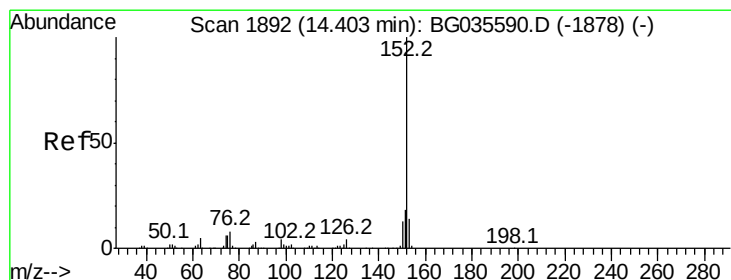
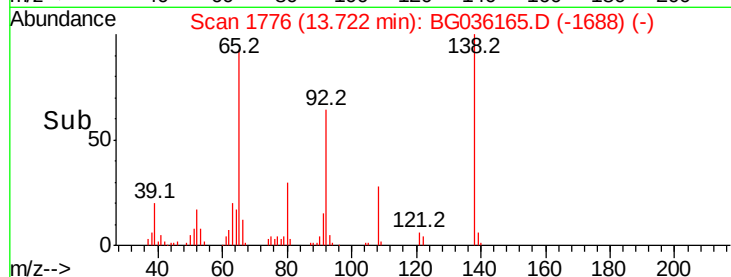
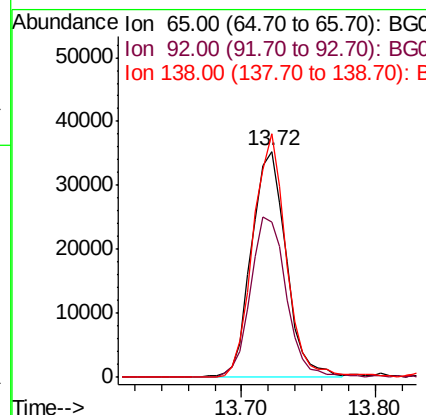
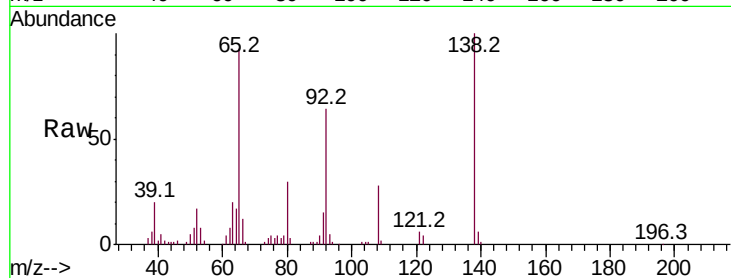




#47
2-Nitroaniline
Concen: 41.614 ng
RT: 13.72 min Scan# 1776
Delta R.T. -0.01 min
Lab File: BG036165.D
Acq: 7 Aug 2018 17:04

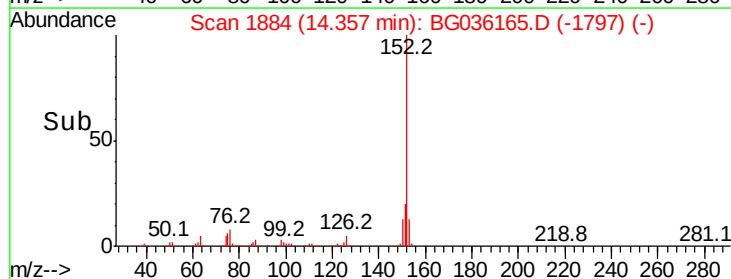
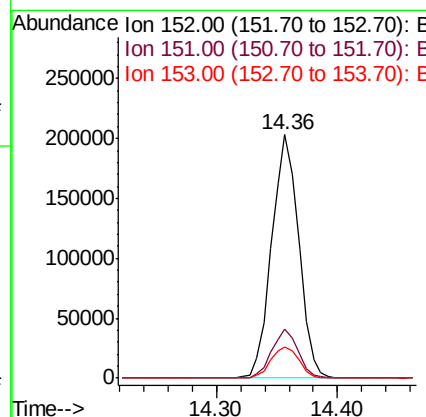
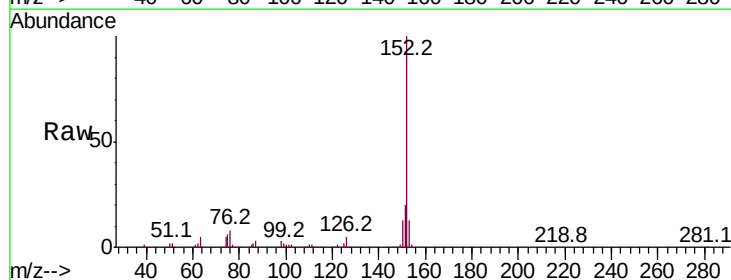
Instrument :
BNA_G
ClientSampleId :
PB111787BS

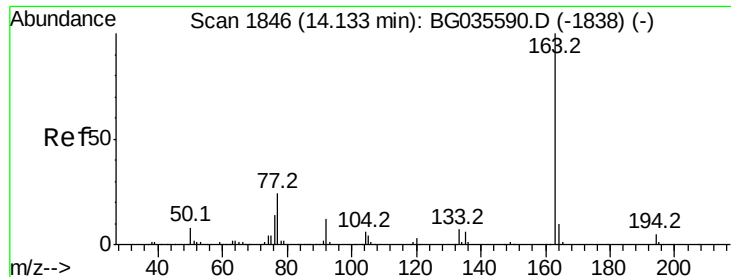
Tot Ion: 65 Resp: 63427
Ion Ratio Lower Upper
65 100
92 68.7 54.6 82.0
138 107.6 72.9 109.3



#48
Acenaphthylene
Concen: 43.507 ng
RT: 14.36 min Scan# 1884
Delta R.T. -0.02 min
Lab File: BG036165.D
Acq: 7 Aug 2018 17:04

Tgt Ion: 152 Resp: 314203
Ion Ratio Lower Upper
152 100
151 20.1 17.2 25.8
153 12.7 10.2 15.4





#49

Dimethylphthalate

Concen: 42.147 ng

RT: 14.09 min Scan# 1838

Delta R.T. -0.02 min

Lab File: BG036165.D

Acq: 7 Aug 2018 17:04

Instrument :

BNA_G

ClientSampleId :

PB111787BS

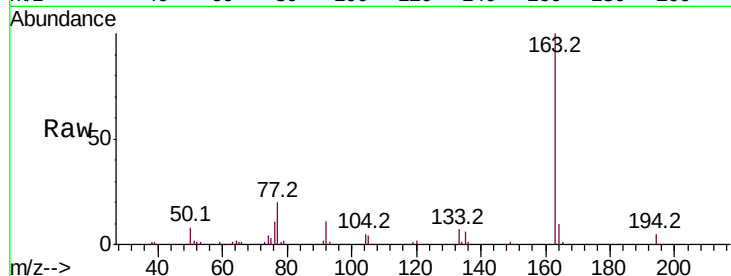
Tot Ion:163 Resp: 263993

Ion Ratio Lower Upper

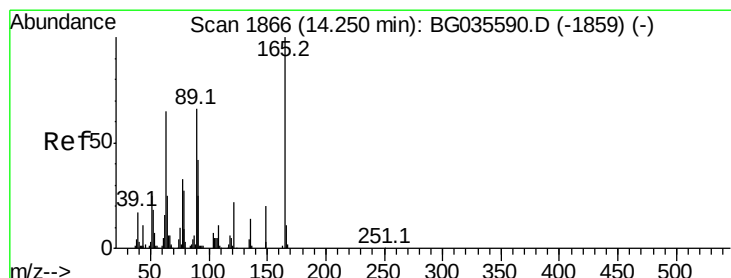
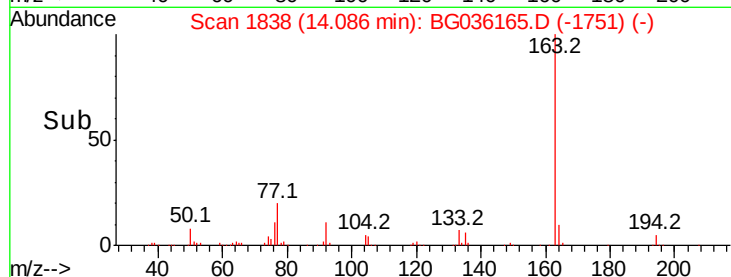
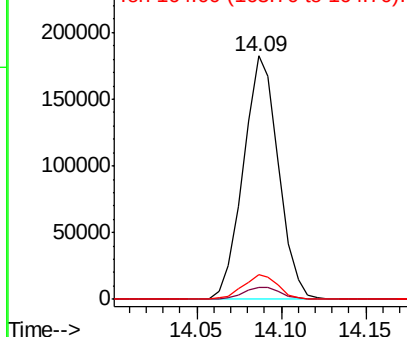
163 100

194 5.1 3.4 5.2

164 10.0 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: 48.144 ng

RT: 14.21 min Scan# 1859

Delta R.T. -0.02 min

Lab File: BG036165.D

Acq: 7 Aug 2018 17:04

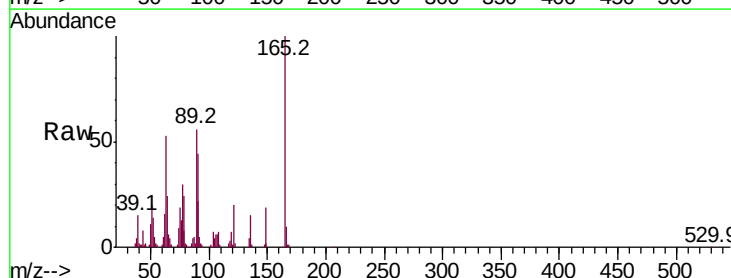
Tgt Ion:165 Resp: 61409

Ion Ratio Lower Upper

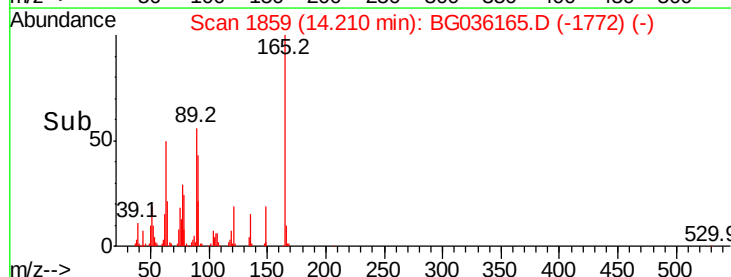
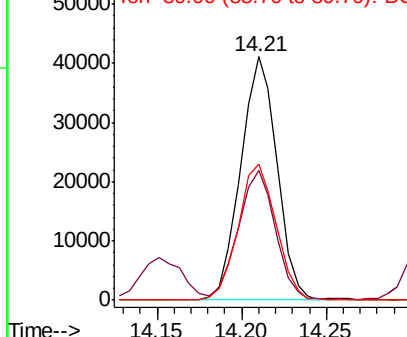
165 100

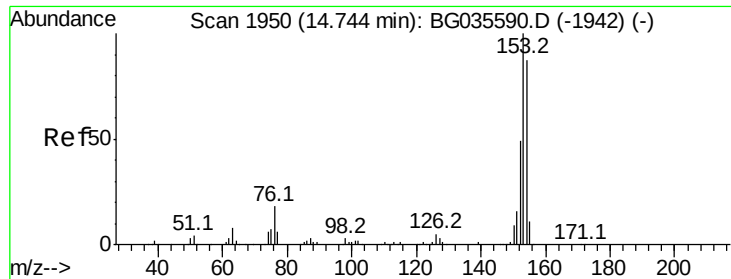
63 53.4 52.7 79.1

89 55.7 49.2 73.8



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





#51

Acenaphthene

Concen: 40.103 ng

RT: 14.70 min Scan# 1942

Delta R.T. -0.02 min

Lab File: BG036165.D

Acq: 7 Aug 2018 17:04

Instrument :

BNA_G

ClientSampleId :

PB111787BS

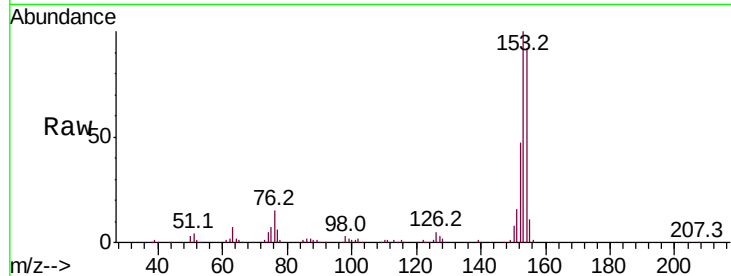
Tot Ion:154 Resp: 180416

Ion Ratio Lower Upper

154 100

153 108.8 90.4 135.6

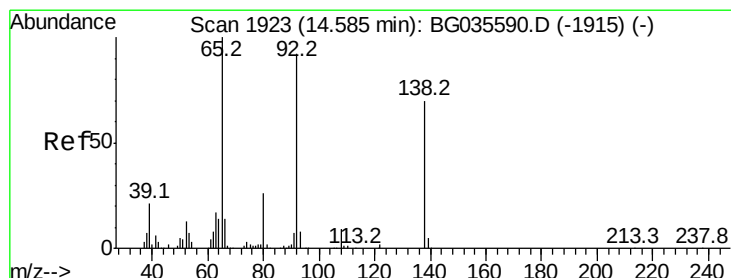
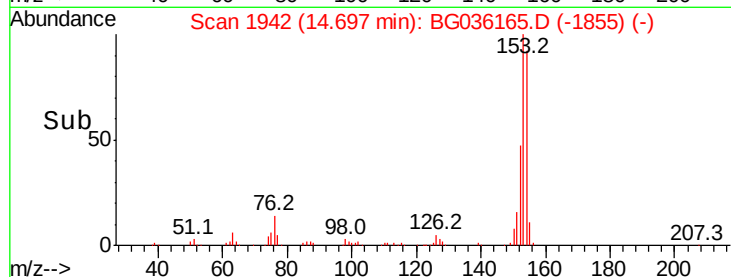
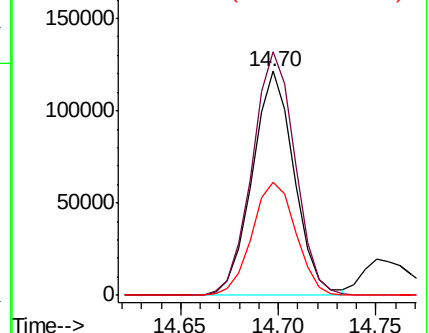
152 50.7 41.6 62.4



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: 31.552 ng

RT: 14.54 min Scan# 1916

Delta R.T. -0.02 min

Lab File: BG036165.D

Acq: 7 Aug 2018 17:04

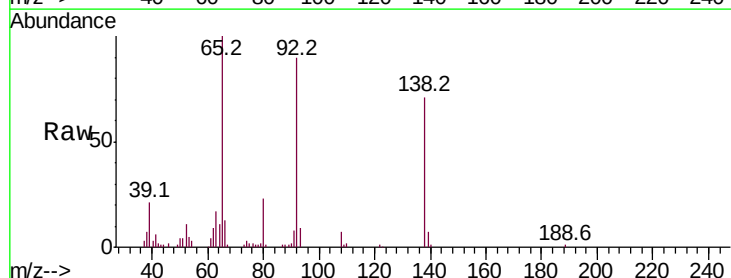
Tgt Ion:138 Resp: 41133

Ion Ratio Lower Upper

138 100

108 9.3 17.5 26.3#

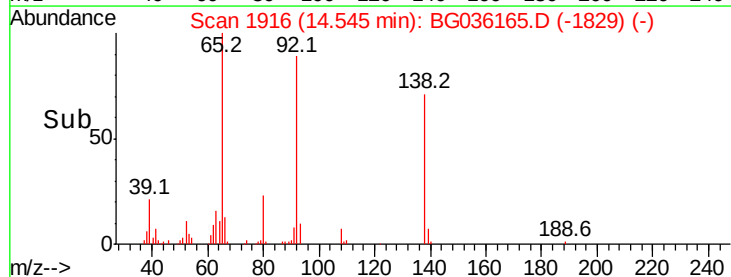
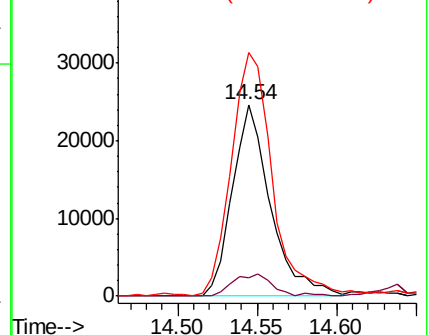
92 127.2 105.8 158.8

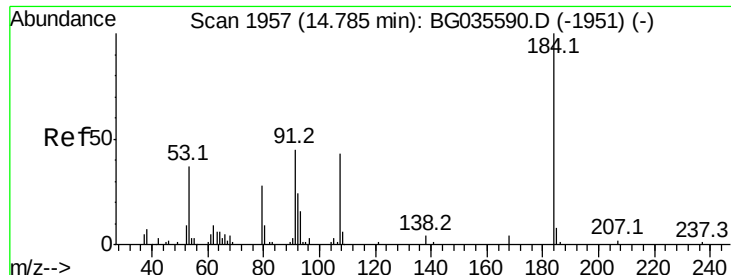


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





#53

2,4-Dinitrophenol

Concen: 78.273 ng

RT: 14.76 min Scan# 1952

Delta R.T. -0.01 min

Lab File: BG036165.D

Acq: 7 Aug 2018 17:04

Instrument :

BNA_G

ClientSampleId :

PB111787BS

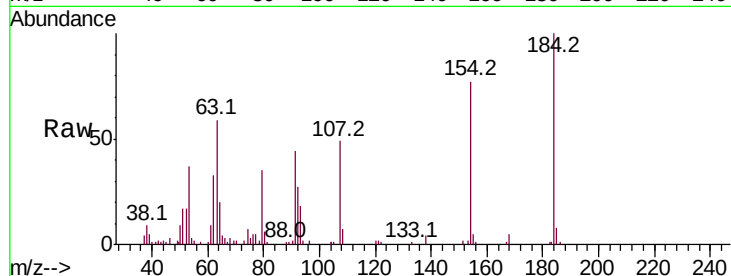
Tot Ion:184 Resp: 51239

Ion Ratio Lower Upper

184 100

63 58.9 59.8 89.8#

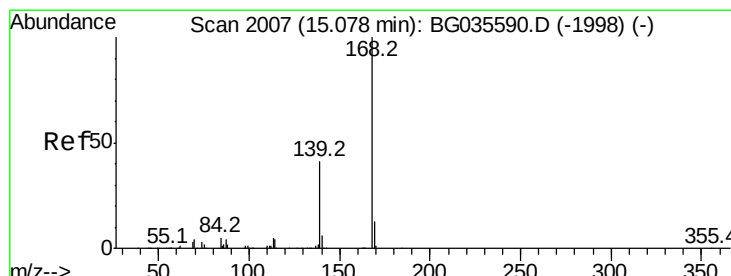
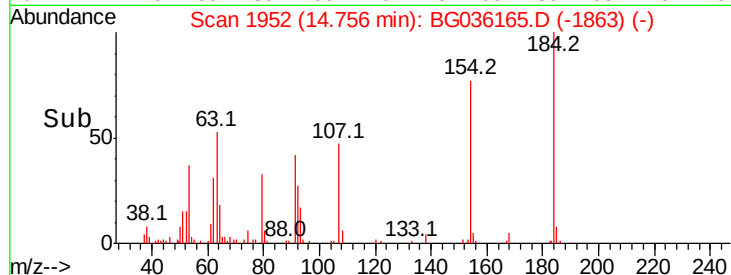
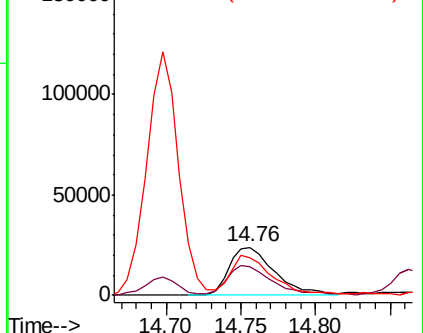
154 77.0 101.8 152.8#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 44.452 ng

RT: 15.03 min Scan# 1999

Delta R.T. -0.02 min

Lab File: BG036165.D

Acq: 7 Aug 2018 17:04

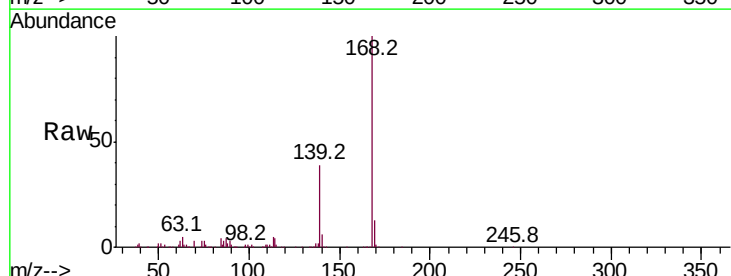
Tgt Ion:168 Resp: 318048

Ion Ratio Lower Upper

168 100

139 39.5 28.6 43.0

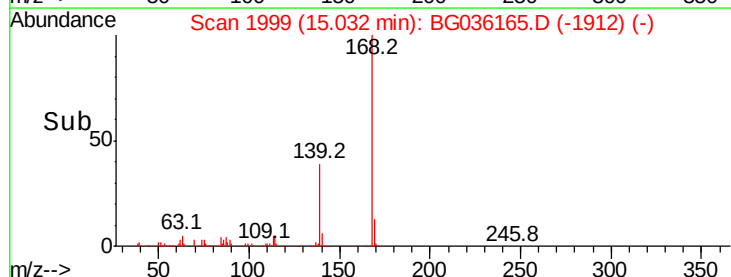
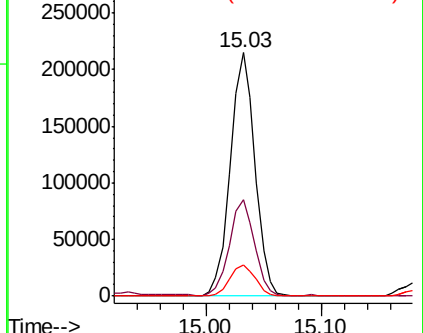
169 12.8 11.2 16.8

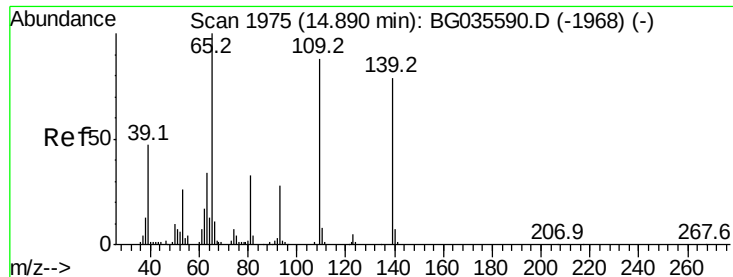


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

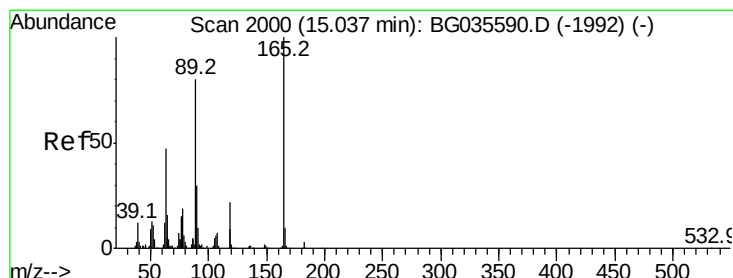
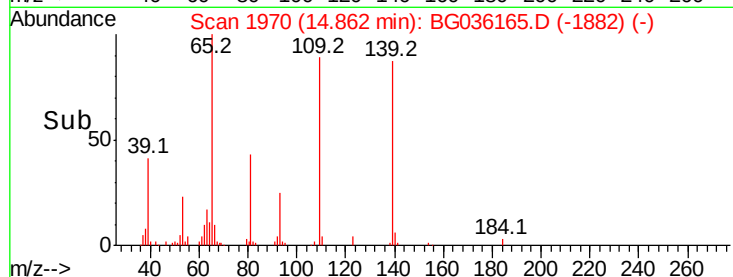
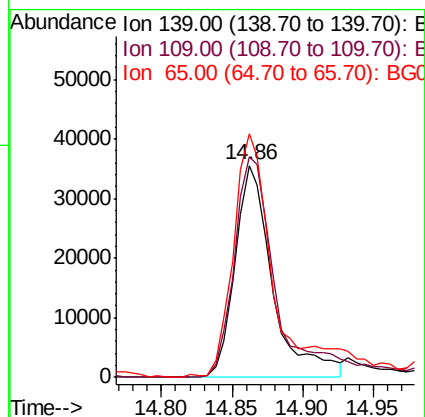
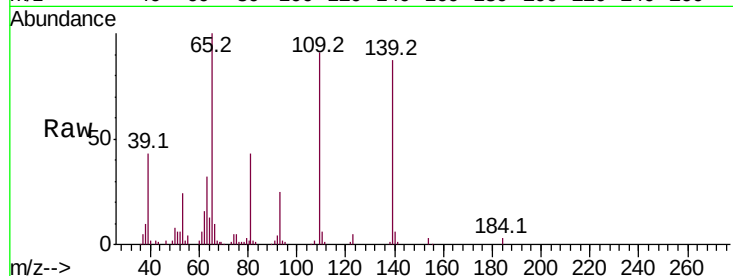




#55
4-Nitrophenol
Concen: 71.270 ng
RT: 14.86 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG036165.D
Acq: 7 Aug 2018 17:04

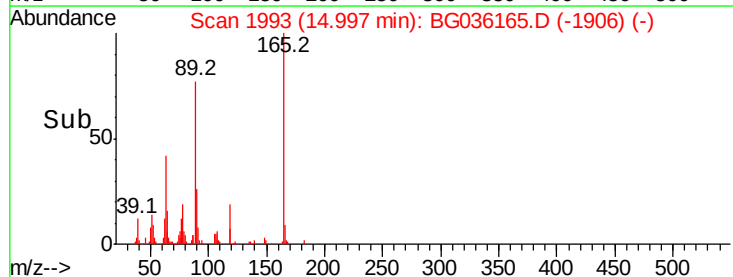
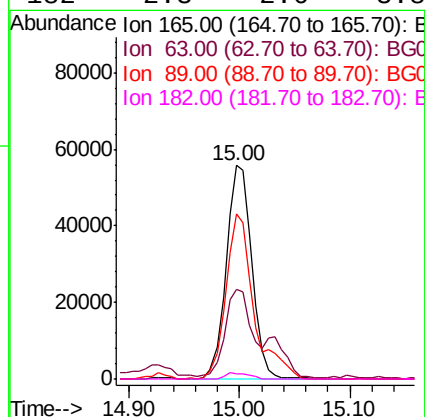
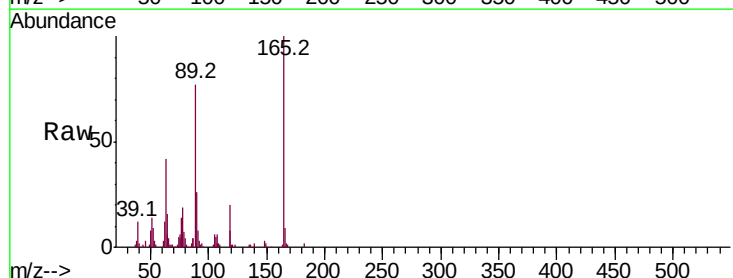
Instrument :
BNA_G
ClientSampleId :
PB111787BS

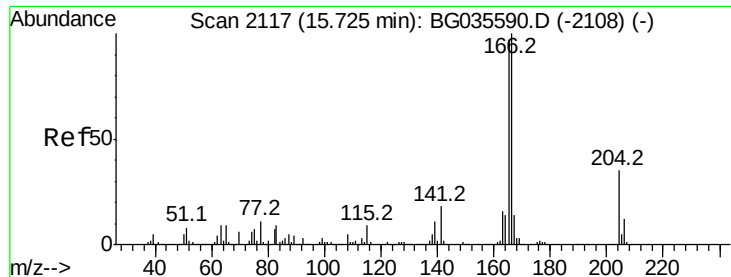
Tot Ion:139 Resp: 66169
Ion Ratio Lower Upper
139 100
109 104.2 62.2 102.2#
65 114.8 97.2 137.2



#56
2,4-Dinitrotoluene
Concen: 49.400 ng
RT: 15.00 min Scan# 1993
Delta R.T. -0.02 min
Lab File: BG036165.D
Acq: 7 Aug 2018 17:04

Tgt Ion:165 Resp: 90397
Ion Ratio Lower Upper
165 100
63 41.9 42.0 63.0#
89 77.2 66.9 100.3
182 2.3 2.6 3.8#

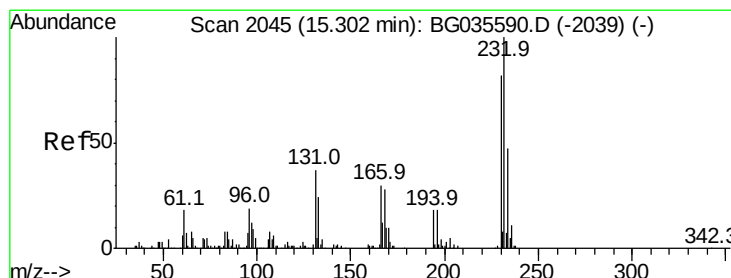
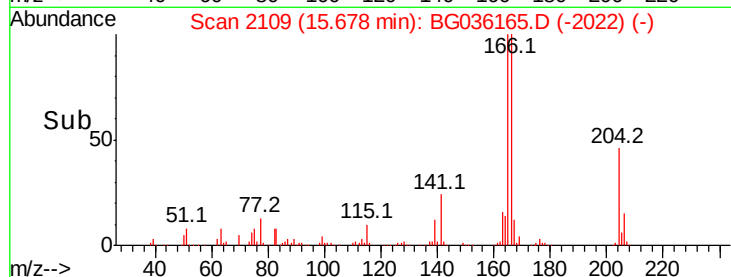
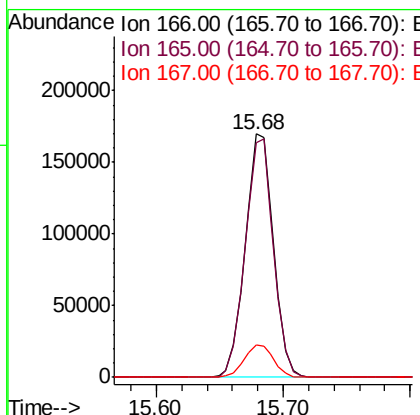
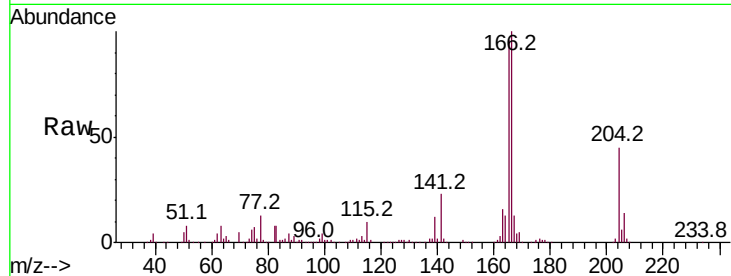




#57
 Fluorene
 Concen: 43.745 ng
 RT: 15.68 min Scan# 2109
 Delta R.T. -0.02 min
 Lab File: BG036165.D
 Acq: 7 Aug 2018 17:04

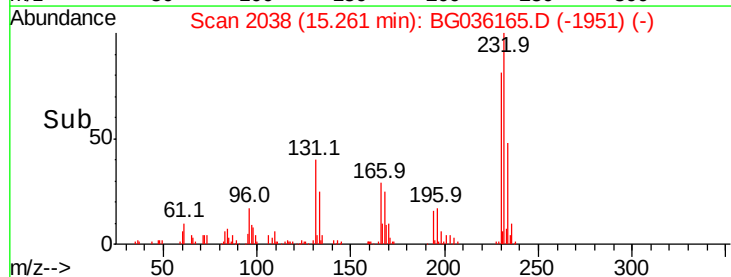
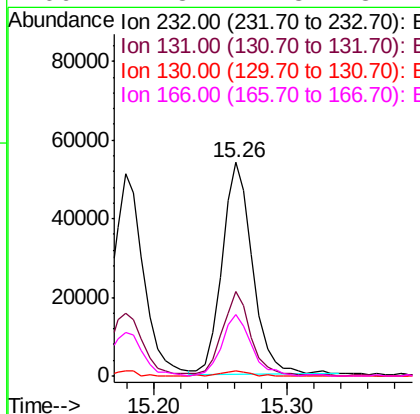
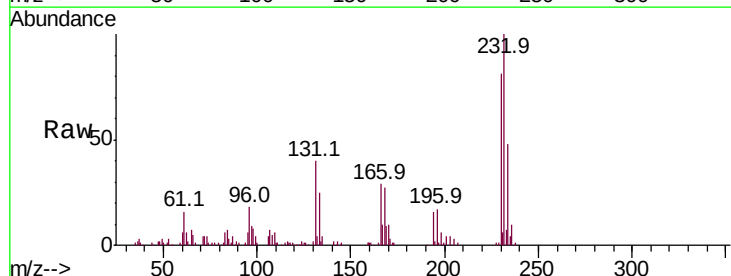
Instrument :
 BNA_G
 ClientSampleId :
 PB111787BS

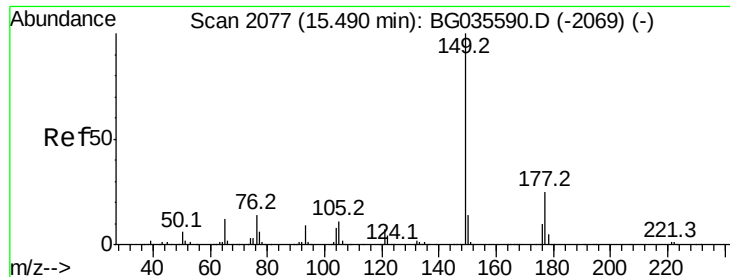
Tot Ion	Ratio	Lower	Upper
166	100		
165	96.2	80.6	121.0
167	13.2	10.4	15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 51.018 ng
 RT: 15.26 min Scan# 2038
 Delta R.T. -0.02 min
 Lab File: BG036165.D
 Acq: 7 Aug 2018 17:04

Tgt Ion	Ratio	Lower	Upper
232	100		
131	36.7	33.5	50.3
130	2.0	2.2	3.2#
166	27.8	24.8	37.2

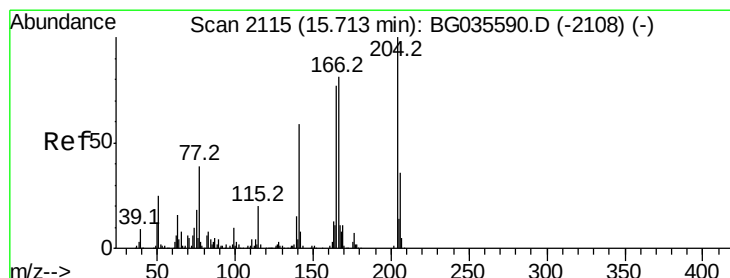
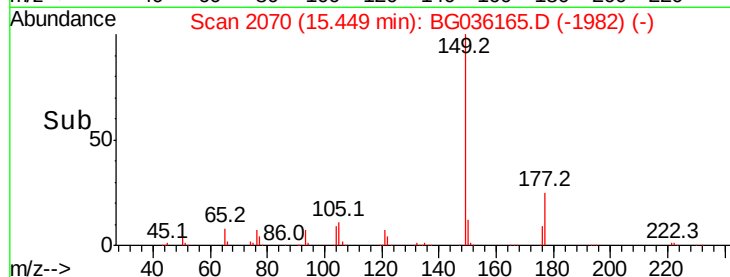
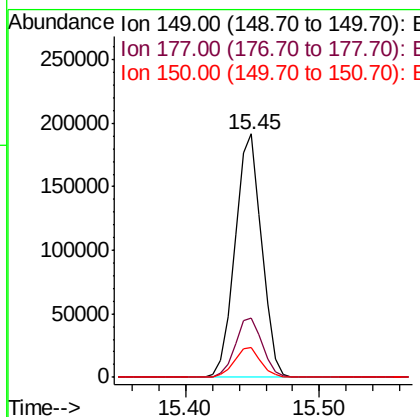
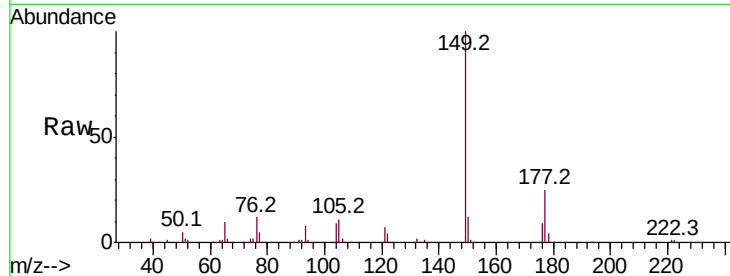




#59
Diethylphthalate
Concen: 40.999 ng
RT: 15.45 min Scan# 2070
Delta R.T. -0.01 min
Lab File: BG036165.D
Acq: 7 Aug 2018 17:04

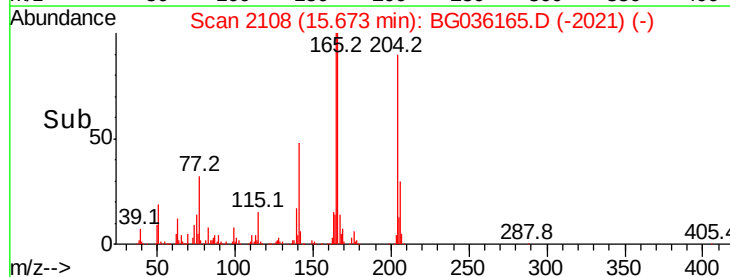
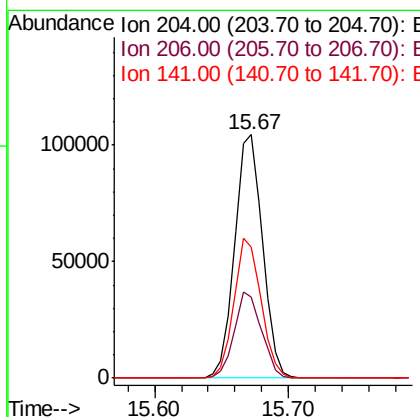
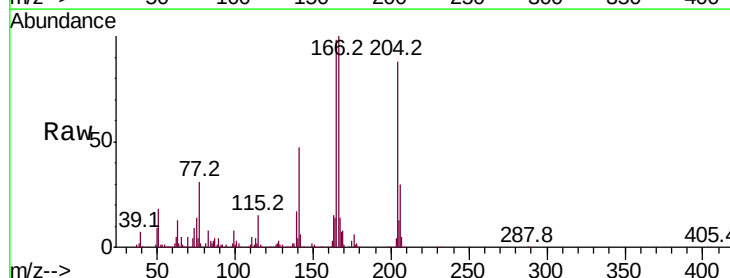
Instrument :
BNA_G
ClientSampleId :
PB111787BS

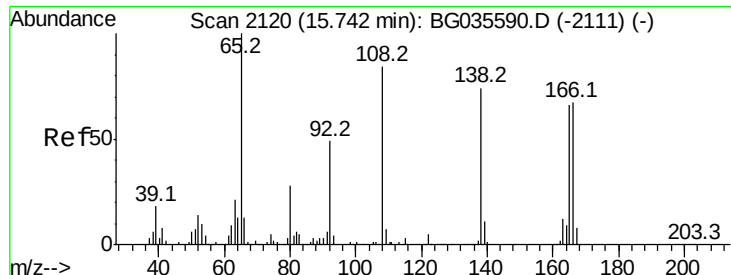
Tot Ion	Ratio	Lower	Upper
149	100		
177	24.6	18.5	27.7
150	12.0	10.2	15.2



#60
4-Chlorophenyl-phenylether
Concen: 43.031 ng
RT: 15.67 min Scan# 2108
Delta R.T. -0.02 min
Lab File: BG036165.D
Acq: 7 Aug 2018 17:04

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.6	26.2	39.2
141	53.9	45.8	68.6

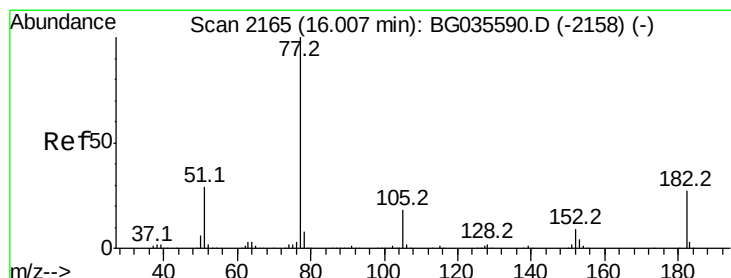
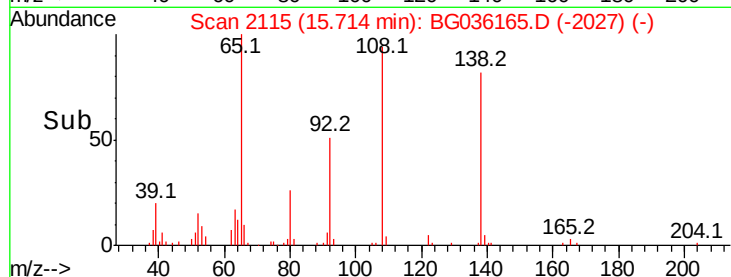
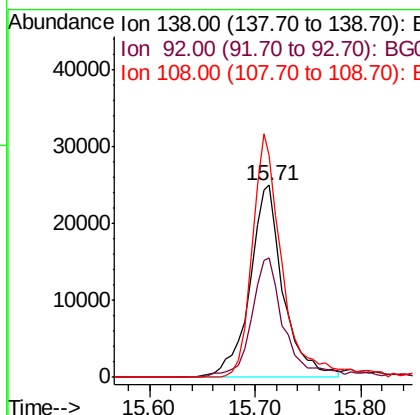
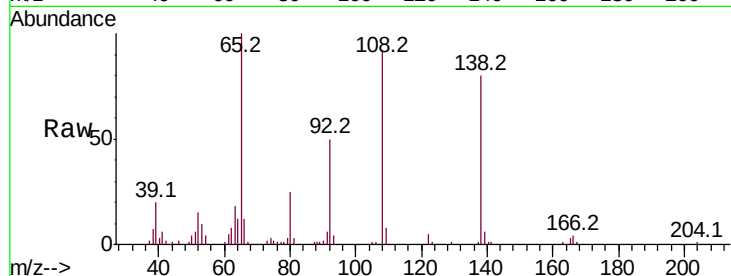




#61
4-Nitroaniline
Concen: 40.349 ng
RT: 15.71 min Scan# 2115
Delta R.T. -0.01 min
Lab File: BG036165.D
Acq: 7 Aug 2018 17:04

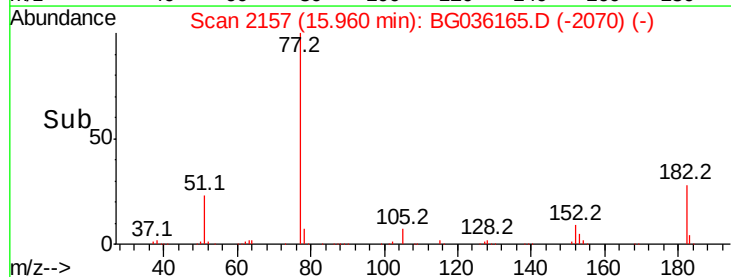
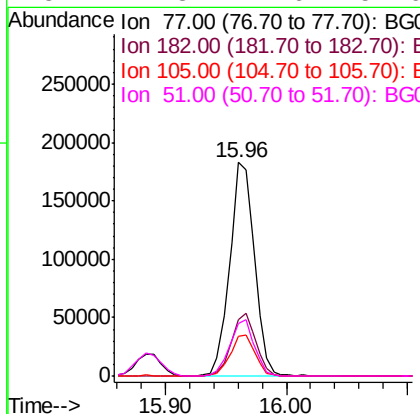
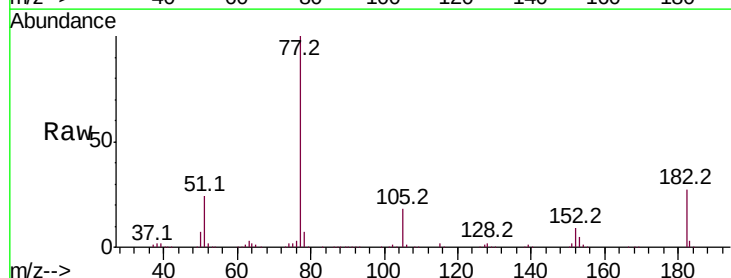
Instrument :
BNA_G
ClientSampleId :
PB111787BS

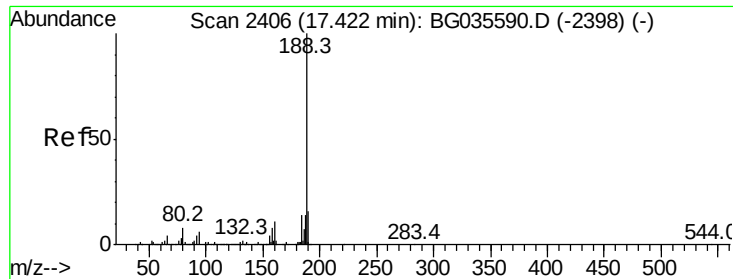
Tot Ion:138 Resp: 55023
Ion Ratio Lower Upper
138 100
92 62.5 40.1 80.1
108 115.7 65.4 105.4#



#62
Azobenzene
Concen: 41.134 ng
RT: 15.96 min Scan# 2157
Delta R.T. -0.02 min
Lab File: BG036165.D
Acq: 7 Aug 2018 17:04

Tgt Ion: 77 Resp: 261323
Ion Ratio Lower Upper
77 100
182 26.6 7.4 47.4
105 18.4 0.3 40.3
51 24.3 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: BG036165.D

Acq: 7 Aug 2018 17:04

Instrument :

BNA_G

ClientSampleId :

PB111787BS

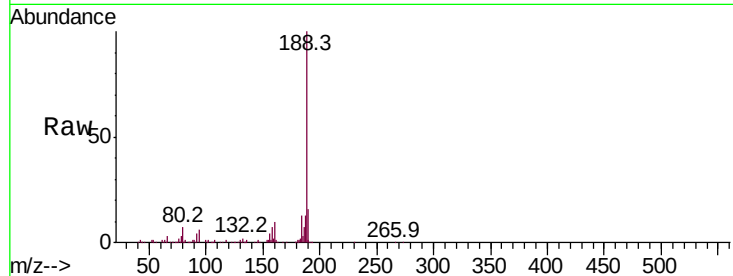
Tot Ion:188 Resp: 208311

Ion Ratio Lower Upper

188 100

94 5.7 6.9 10.3#

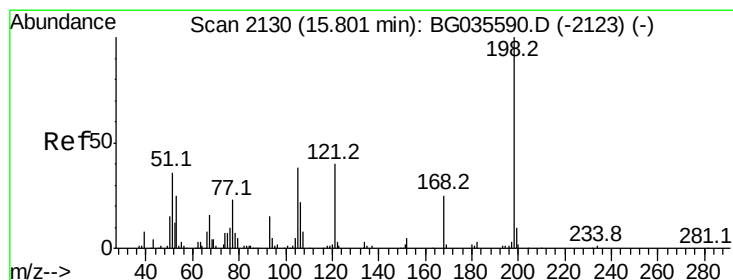
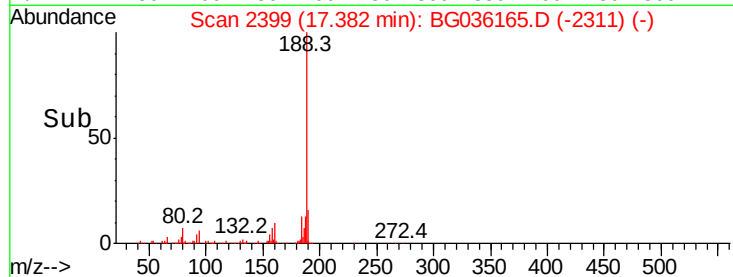
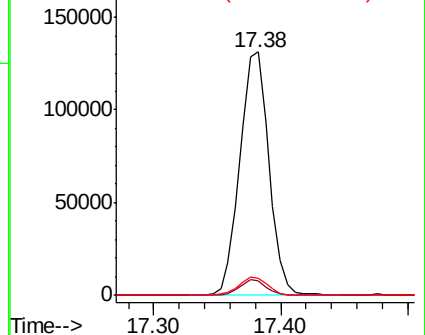
80 7.0 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#64

4,6-Dinitro-2-methylphenol

Concen: 44.493 ng

RT: 15.77 min Scan# 2124

Delta R.T. -0.01 min

Lab File: BG036165.D

Acq: 7 Aug 2018 17:04

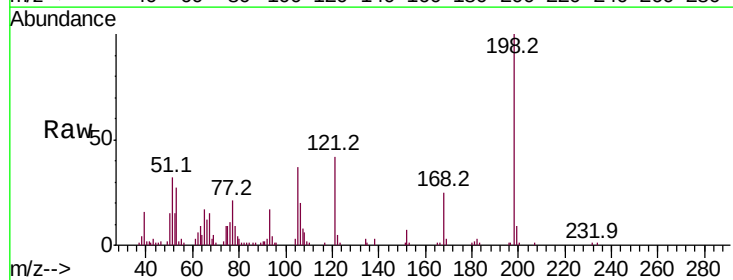
Tgt Ion:198 Resp: 51594

Ion Ratio Lower Upper

198 100

51 31.7 30.6 70.6

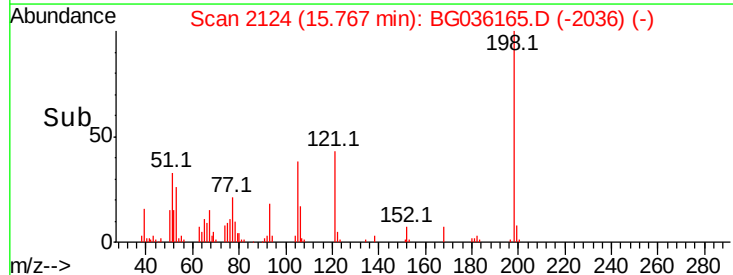
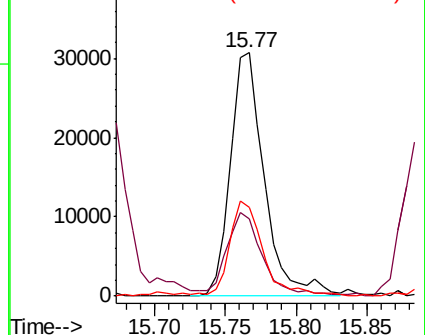
105 36.5 23.8 63.8

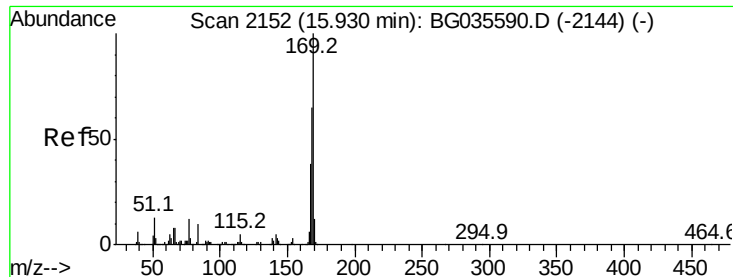


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E

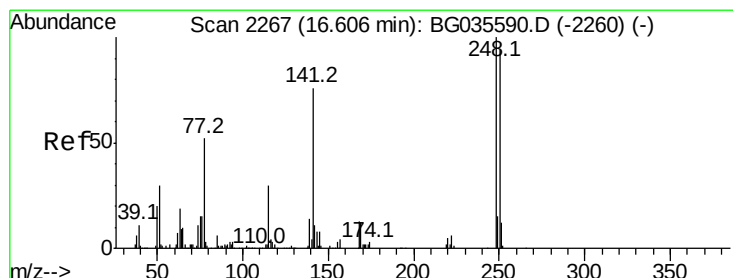
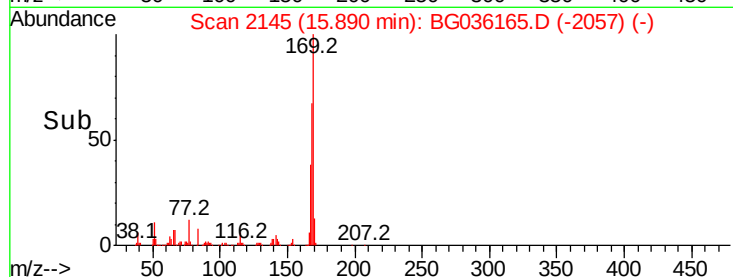
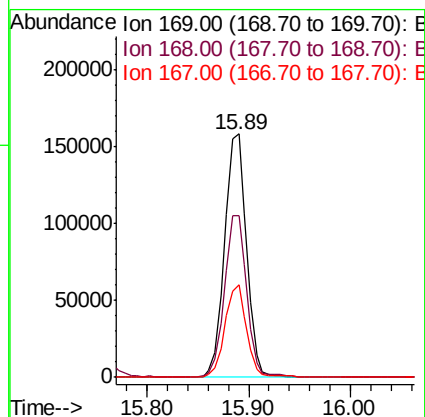
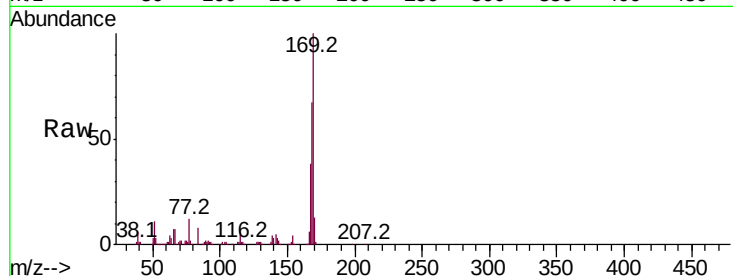




#65
 n-Nitrosodiphenylamine
 Concen: 39.963 ng
 RT: 15.89 min Scan# 2145
 Delta R.T. -0.01 min
 Lab File: BG036165.D
 Acq: 7 Aug 2018 17:04

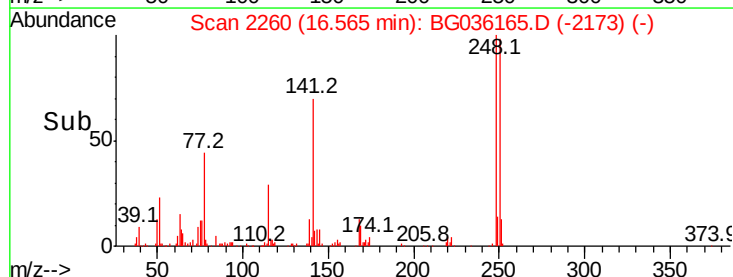
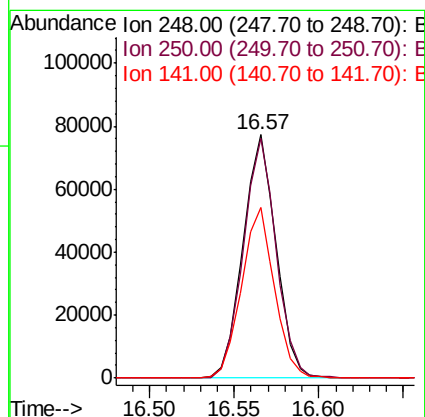
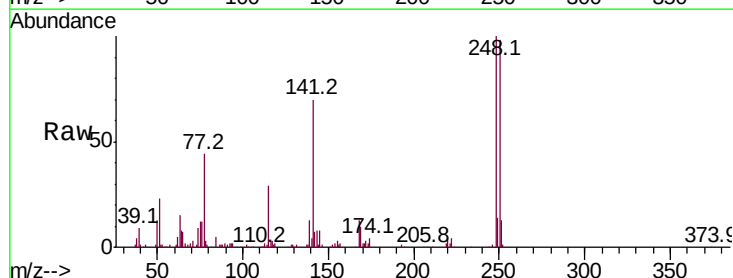
Instrument :
 BNA_G
 ClientSampleId :
 PB111787BS

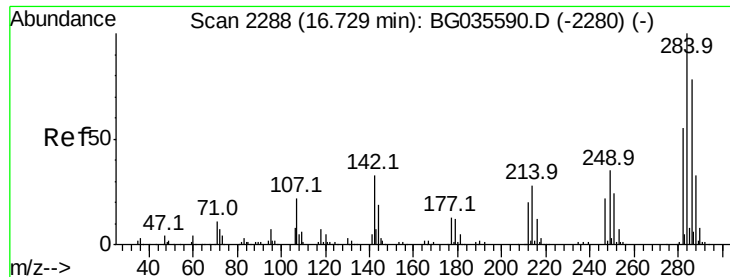
Tot Ion	Ratio	Lower	Upper
169	100		
168	66.7	55.7	83.5
167	38.2	30.1	45.1



#66
 4-Bromophenyl-phenylether
 Concen: 43.527 ng
 RT: 16.57 min Scan# 2260
 Delta R.T. -0.02 min
 Lab File: BG036165.D
 Acq: 7 Aug 2018 17:04

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.4	77.1	115.7
141	70.3	50.8	76.2





#67

Hexachlorobenzene

Concen: 43.533 ng

RT: 16.69 min Scan# 2281

Delta R.T. -0.01 min

Lab File: BG036165.D

Acq: 7 Aug 2018 17:04

Instrument :

BNA_G

ClientSampleId :

PB111787BS

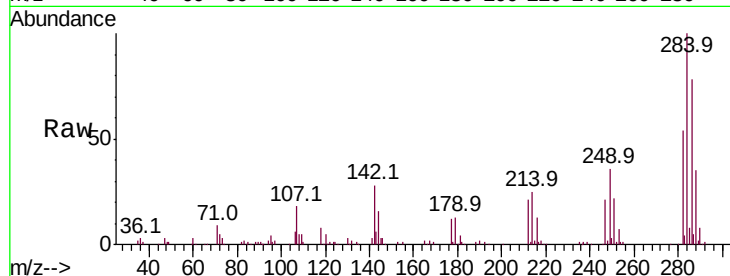
Tot Ion:284 Resp: 108345

Ion Ratio Lower Upper

284 100

142 28.3 26.8 40.2

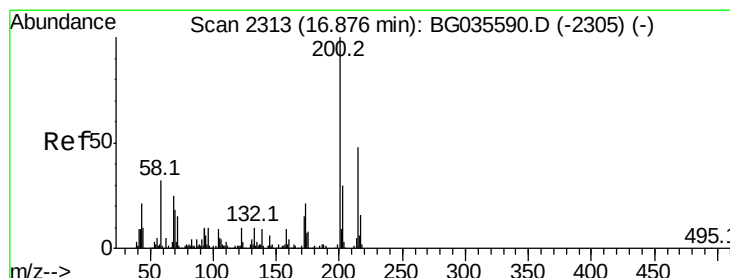
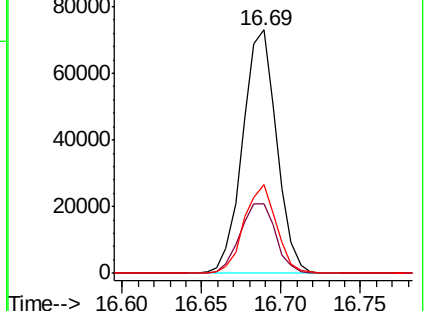
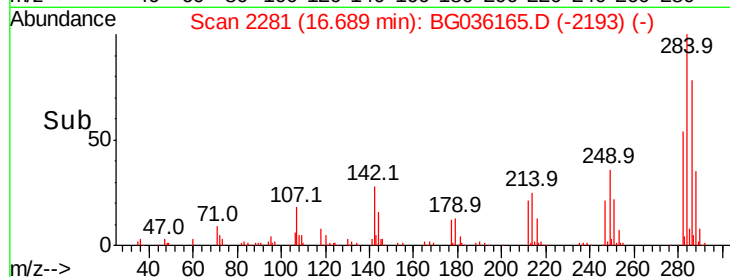
249 36.3 26.3 39.5



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 44.406 ng

RT: 16.84 min Scan# 2306

Delta R.T. -0.01 min

Lab File: BG036165.D

Acq: 7 Aug 2018 17:04

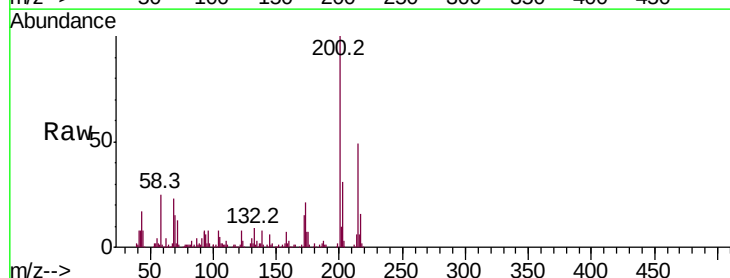
Tgt Ion:200 Resp: 108408

Ion Ratio Lower Upper

200 100

173 20.8 5.2 45.2

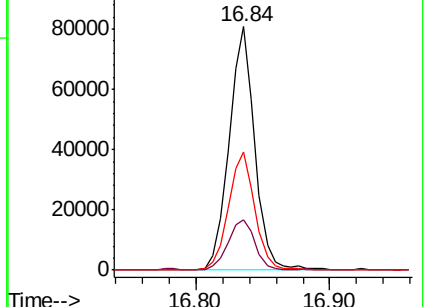
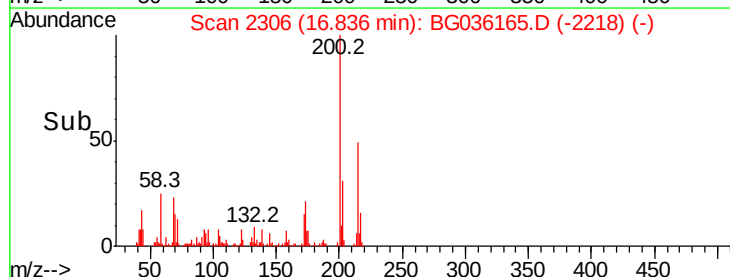
215 48.8 30.4 70.4

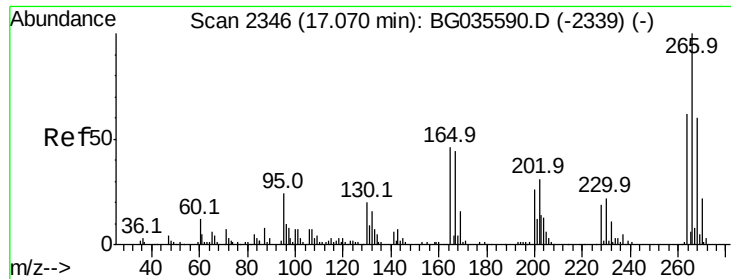


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

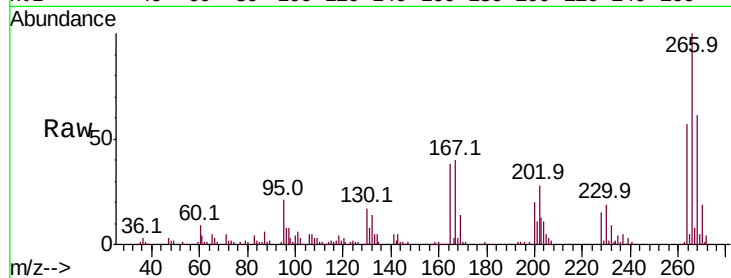




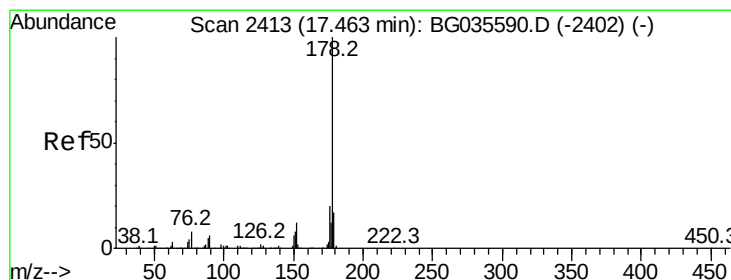
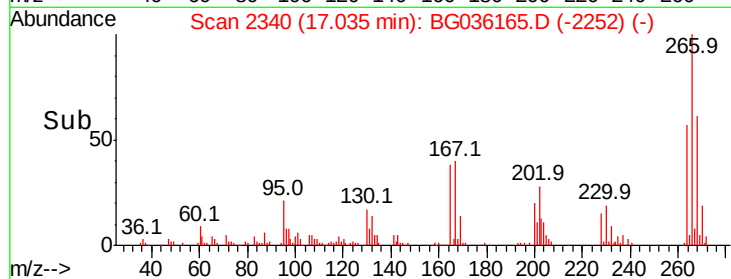
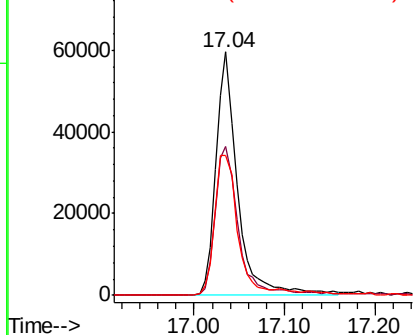
#69
 Pentachlorophenol
 Concen: 65.230 ng
 RT: 17.04 min Scan# 2340
 Delta R.T. -0.01 min
 Lab File: BG036165.D
 Acq: 7 Aug 2018 17:04

Instrument :
 BNA_G
 ClientSampleId :
 PB111787BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	60.9	51.1	76.7
264	57.5	49.6	74.4

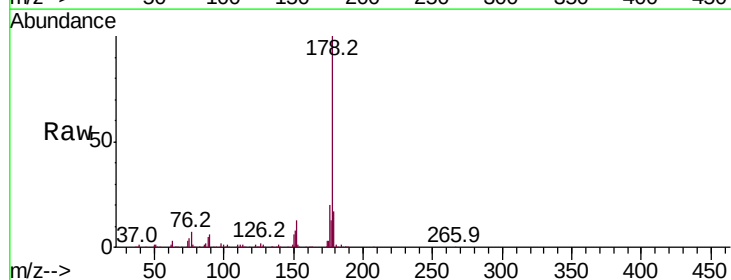


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

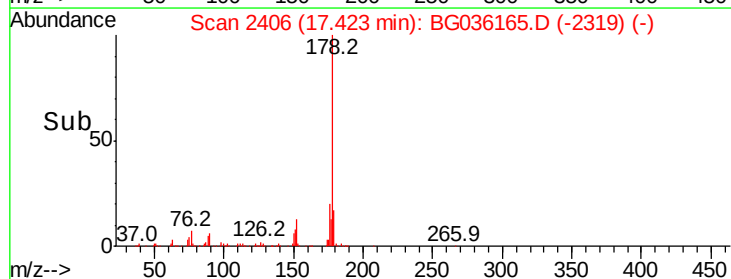
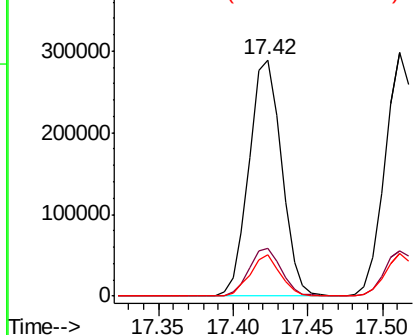


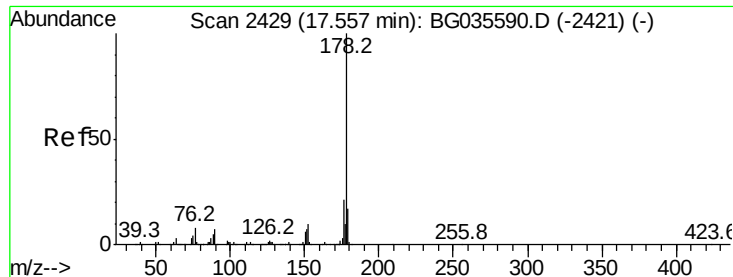
#70
 Phenanthrene
 Concen: 42.046 ng
 RT: 17.42 min Scan# 2406
 Delta R.T. -0.02 min
 Lab File: BG036165.D
 Acq: 7 Aug 2018 17:04

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.7	23.5
179	17.3	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

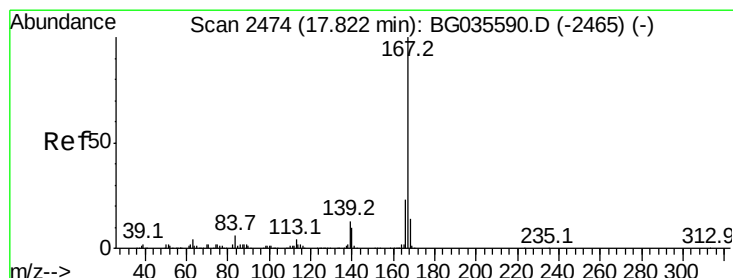
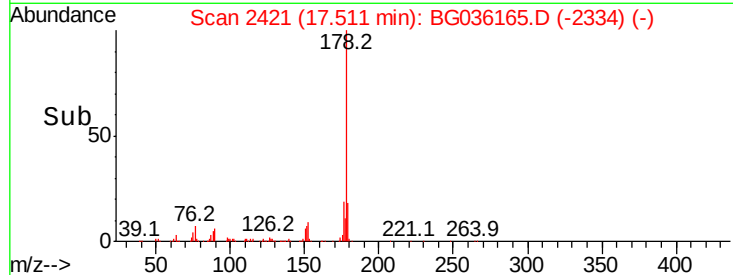
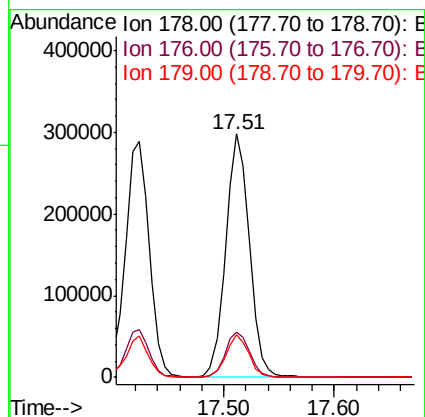
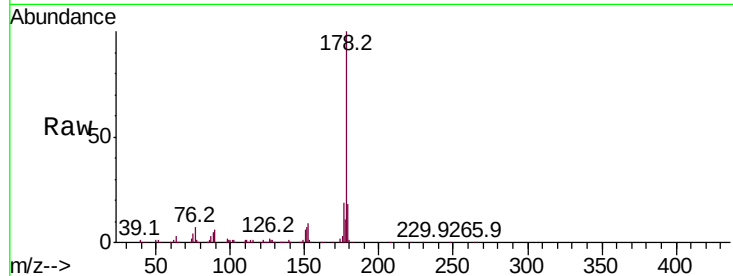




#71
 Anthracene
 Concen: 43.037 ng
 RT: 17.51 min Scan# 2421
 Delta R.T. -0.02 min
 Lab File: BG036165.D
 Acq: 7 Aug 2018 17:04

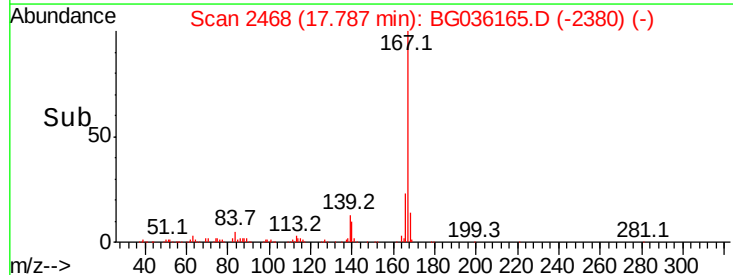
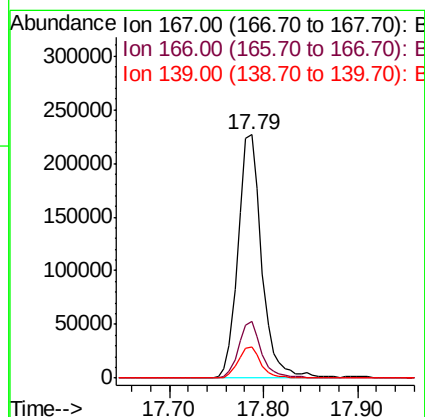
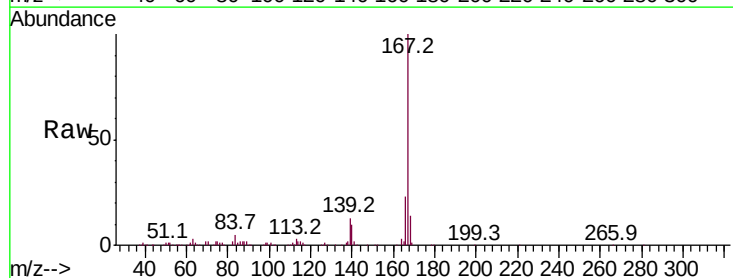
Instrument :
 BNA_G
 ClientSampleId :
 PB111787BS

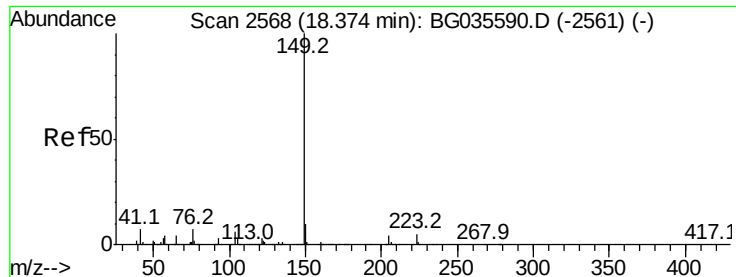
Tot Ion:178 Resp: 445431
 Ion Ratio Lower Upper
 178 100
 176 18.8 16.0 24.0
 179 17.6 12.5 18.7



#72
 Carbazole
 Concen: 40.510 ng
 RT: 17.79 min Scan# 2468
 Delta R.T. -0.01 min
 Lab File: BG036165.D
 Acq: 7 Aug 2018 17:04

Tgt Ion:167 Resp: 398183
 Ion Ratio Lower Upper
 167 100
 166 23.3 18.2 27.4
 139 12.7 9.4 14.2





#73

Di-n-butylphthalate

Concen: 39.797 ng

RT: 18.33 min Scan# 2561

Delta R.T. -0.02 min

Lab File: BG036165.D

Acq: 7 Aug 2018 17:04

Instrument :

BNA_G

ClientSampleId :

PB111787BS

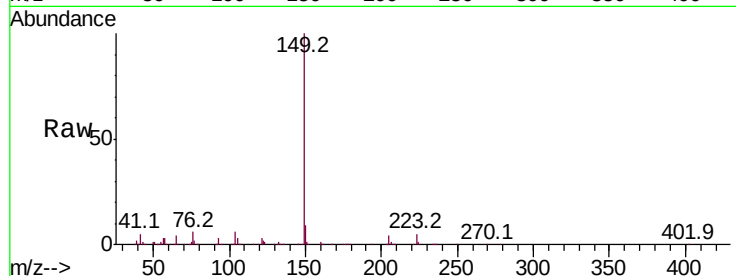
Tot Ion:149 Resp: 462253

Ion Ratio Lower Upper

149 100

150 9.0 7.8 11.6

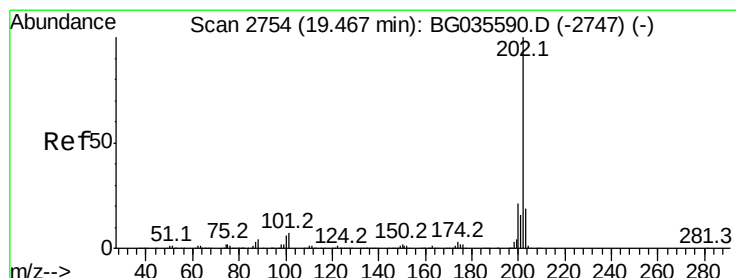
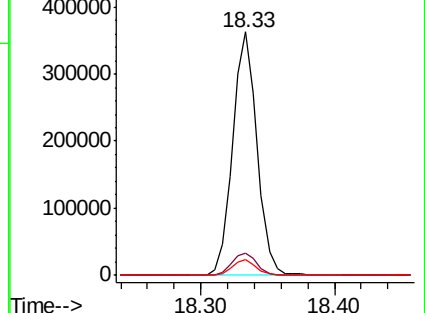
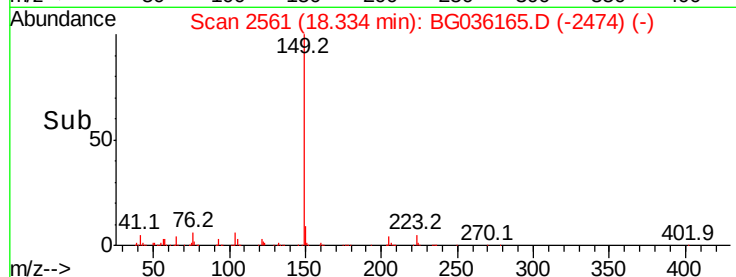
104 6.4 3.9 5.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.350 ng

RT: 19.43 min Scan# 2748

Delta R.T. -0.01 min

Lab File: BG036165.D

Acq: 7 Aug 2018 17:04

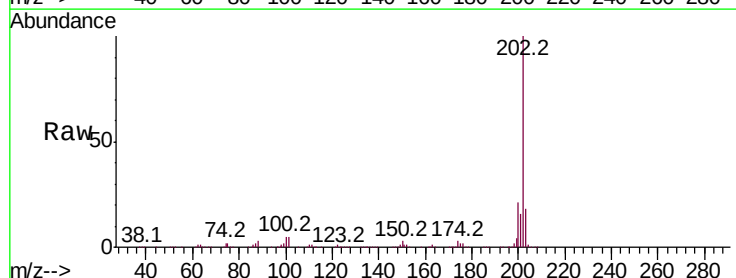
Tgt Ion:202 Resp: 592948

Ion Ratio Lower Upper

202 100

101 5.2 0.0 28.9

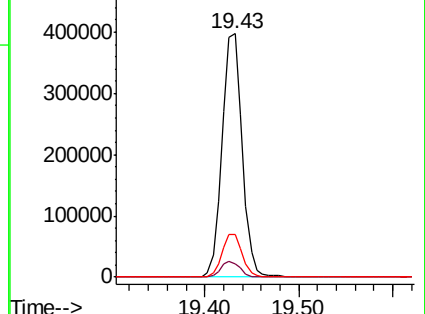
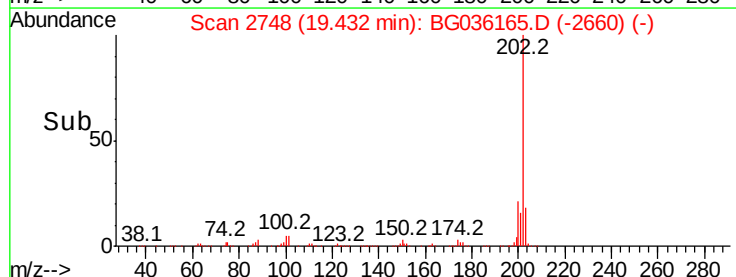
203 17.7 0.0 37.5

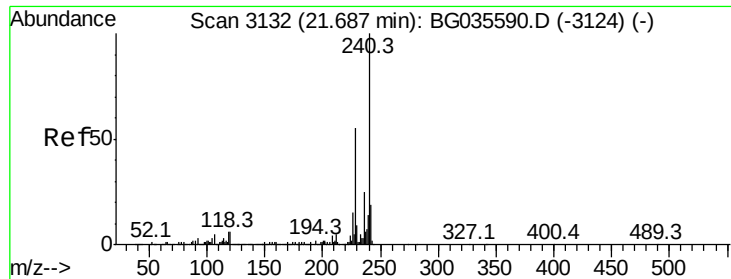


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.64 min Scan# 3124

Delta R.T. -0.02 min

Lab File: BG036165.D

Acq: 7 Aug 2018 17:04

Instrument :

BNA_G

ClientSampleId :

PB111787BS

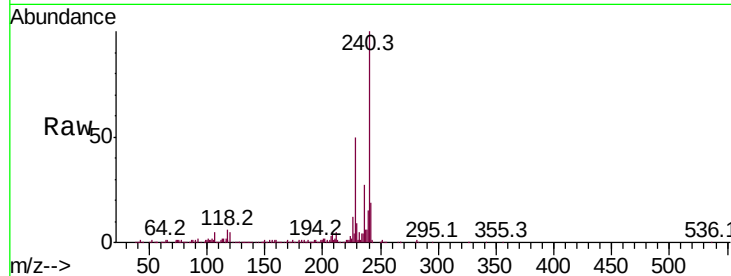
Tot Ion:240 Resp: 225778

Ion Ratio Lower Upper

240 100

120 4.5 6.8 10.2#

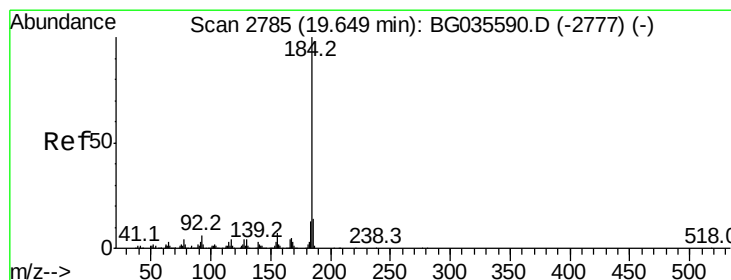
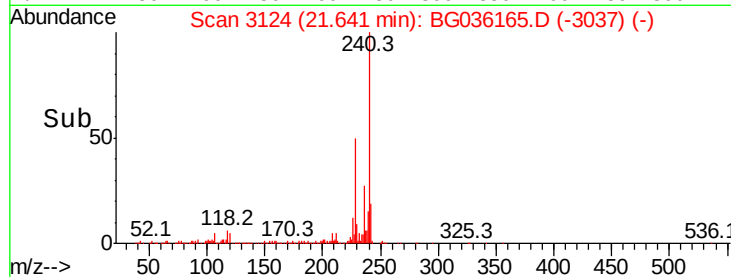
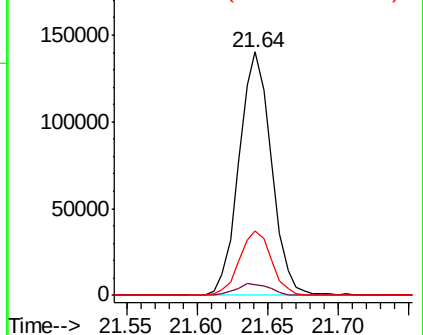
236 26.5 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 36.492 ng

RT: 19.61 min Scan# 2779

Delta R.T. -0.01 min

Lab File: BG036165.D

Acq: 7 Aug 2018 17:04

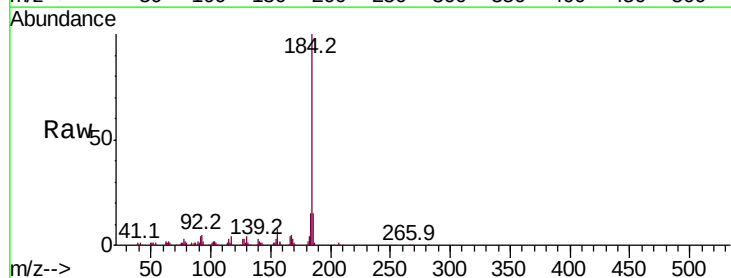
Tgt Ion:184 Resp: 216608

Ion Ratio Lower Upper

184 100

185 15.5 11.1 16.7

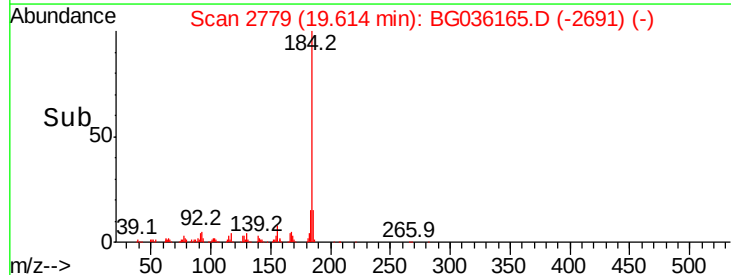
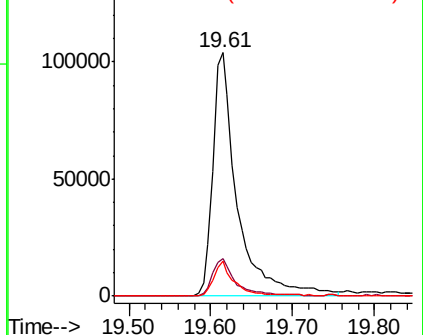
183 14.6 10.6 16.0

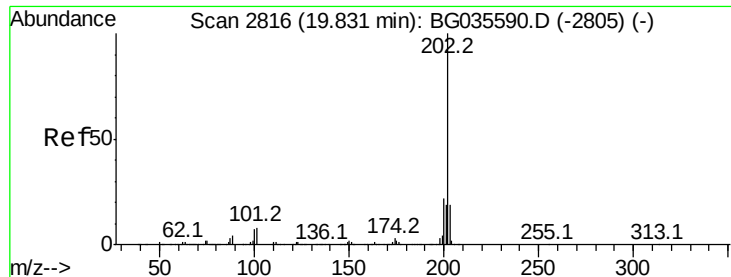


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

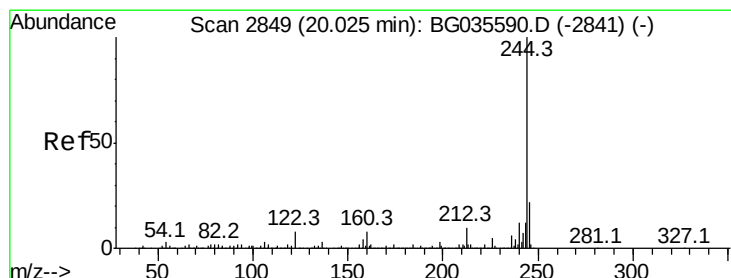
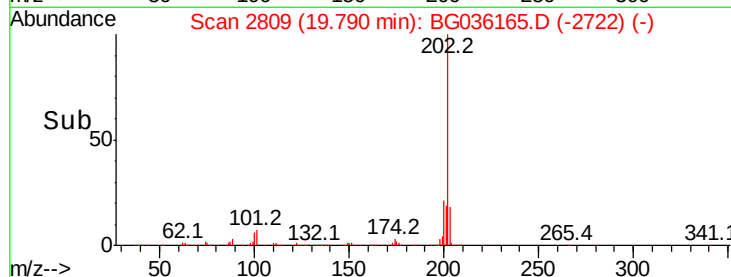
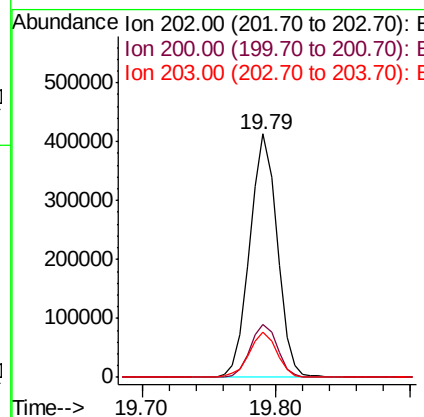
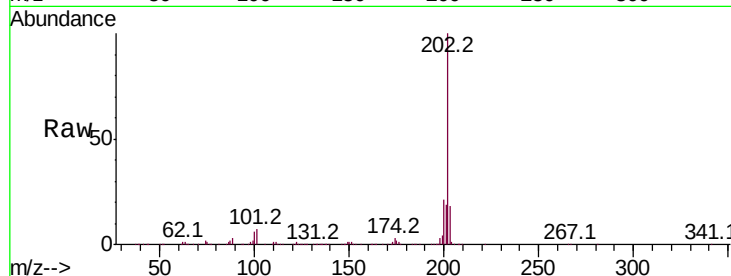




#77
Pvrene
Concen: 40.906 ng
RT: 19.79 min Scan# 2809
Delta R.T. -0.02 min
Lab File: BG036165.D
Acq: 7 Aug 2018 17:04

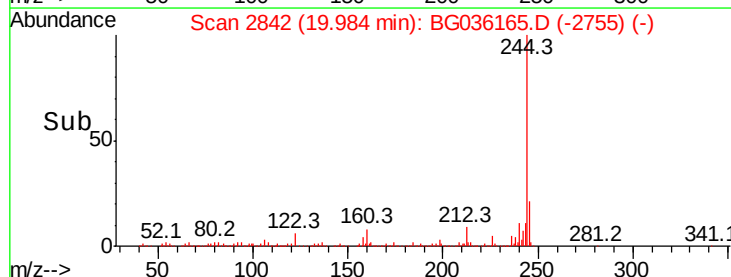
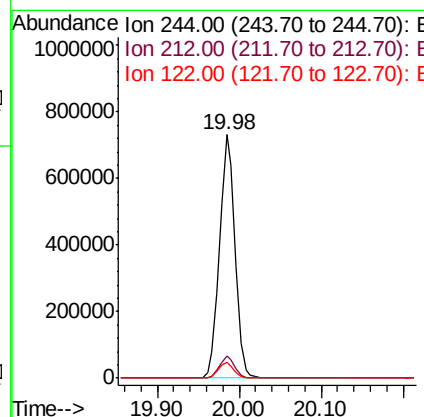
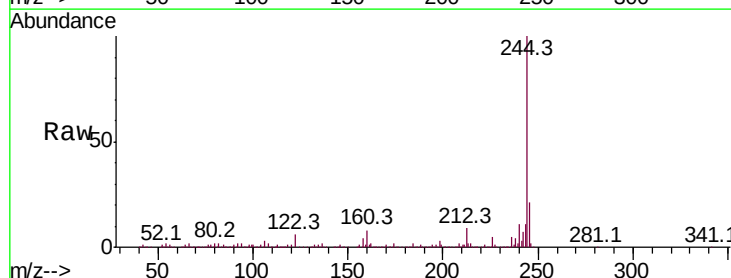
Instrument :
BNA_G
ClientSampleId :
PB111787BS

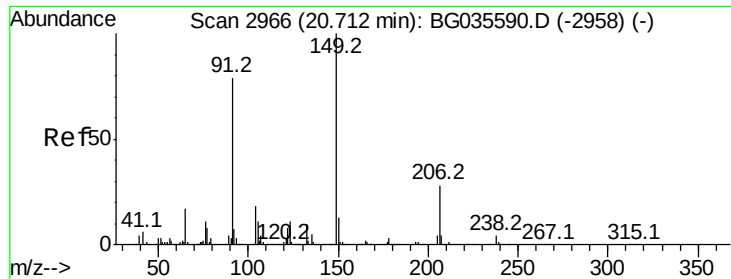
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.9	25.3
203	18.5	13.9	20.9



#78
Terphenyl-d14
Concen: 94.834 ng
RT: 19.98 min Scan# 2842
Delta R.T. -0.02 min
Lab File: BG036165.D
Acq: 7 Aug 2018 17:04

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.9	5.8	8.8#
122	6.4	7.0	10.4#

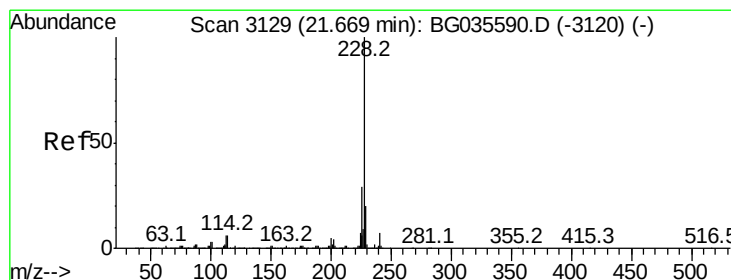
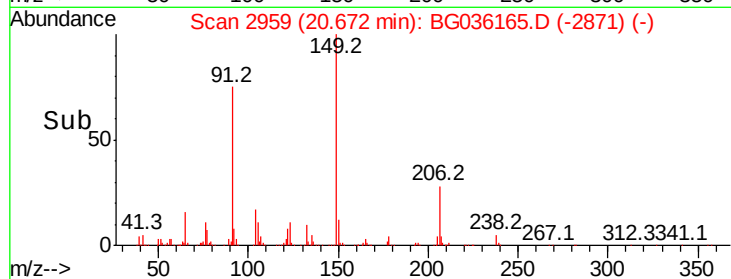
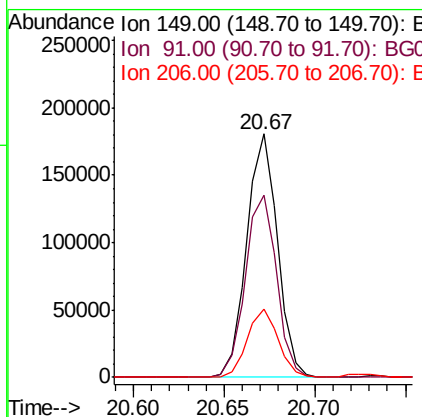
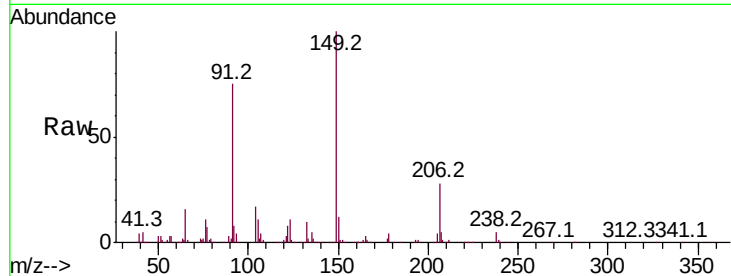




#79
Butylbenzylphthalate
Concen: 41.693 ng
RT: 20.67 min Scan# 2959
Delta R.T. -0.01 min
Lab File: BG036165.D
Acq: 7 Aug 2018 17:04

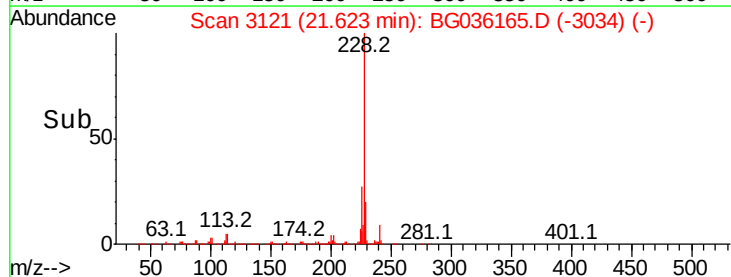
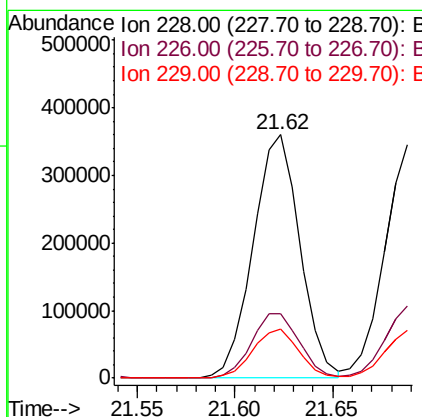
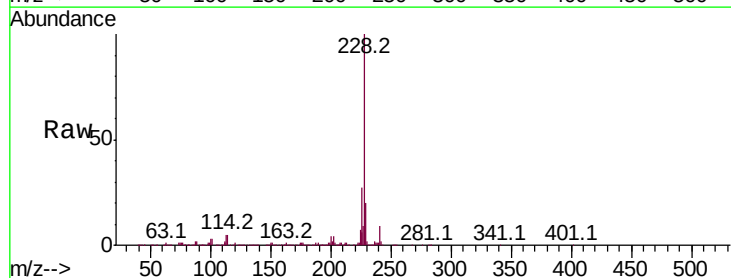
Instrument :
BNA_G
ClientSampleId :
PB111787BS

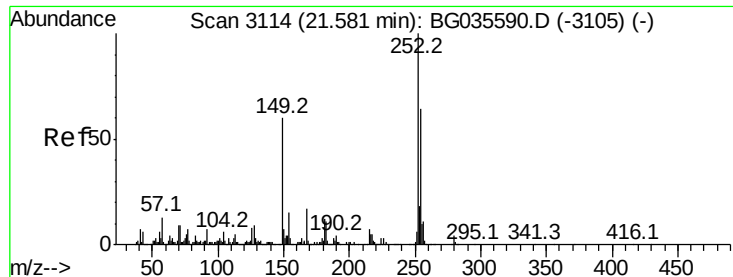
Tot Ion:149 Resp: 212851
Ion Ratio Lower Upper
149 100
91 75.1 62.2 93.2
206 28.0 18.6 27.8#



#80
Benzo(a)anthracene
Concen: 42.500 ng
RT: 21.62 min Scan# 3121
Delta R.T. -0.02 min
Lab File: BG036165.D
Acq: 7 Aug 2018 17:04

Tgt Ion:228 Resp: 597974
Ion Ratio Lower Upper
228 100
226 26.6 22.7 34.1
229 20.0 16.2 24.2

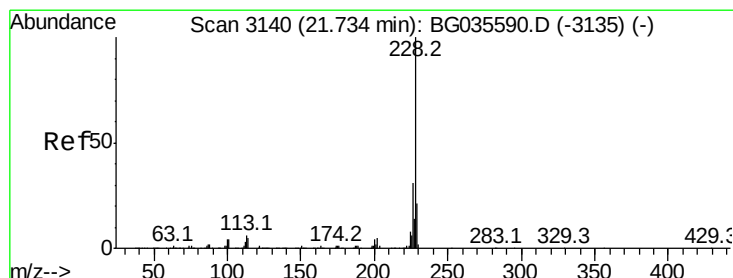
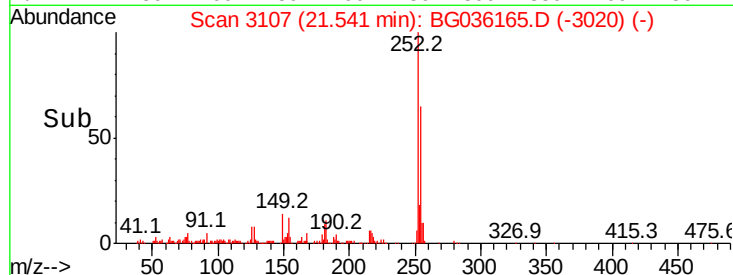
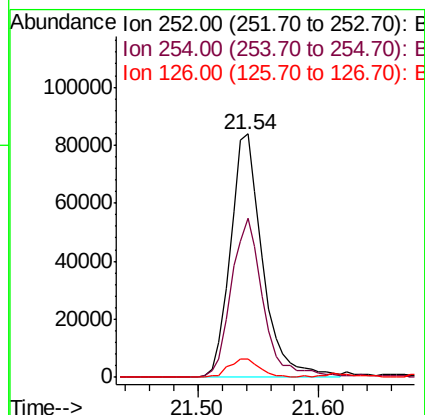
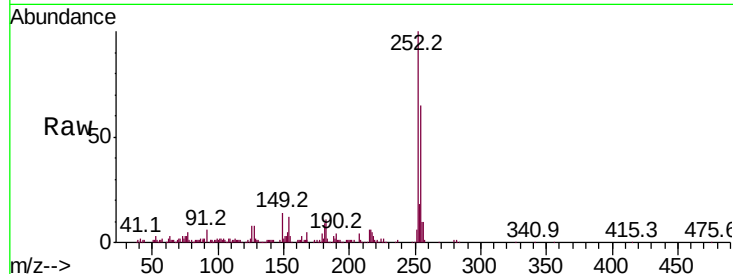




#81
 3,3'-Dichlorobenzidine
 Concen: 31.629 ng
 RT: 21.54 min Scan# 3107
 Delta R.T. -0.02 min
 Lab File: BG036165.D
 Acq: 7 Aug 2018 17:04

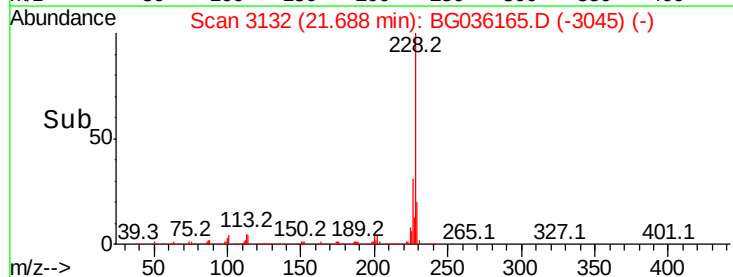
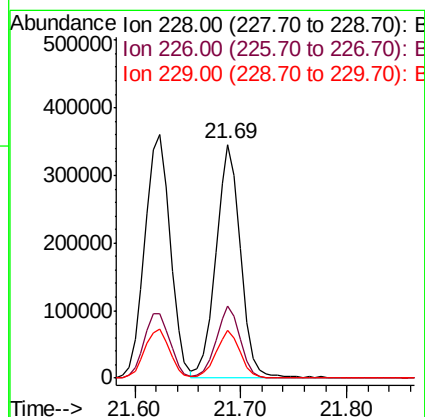
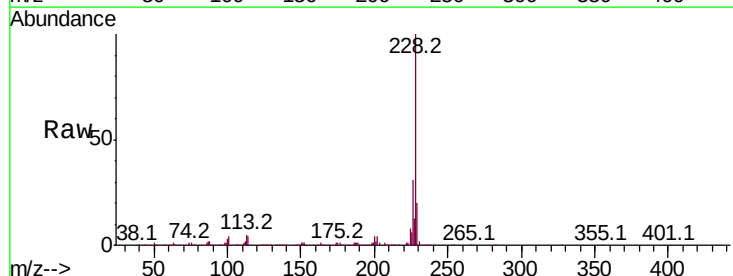
Instrument :
 BNA_G
 ClientSampled :
 PB111787BS

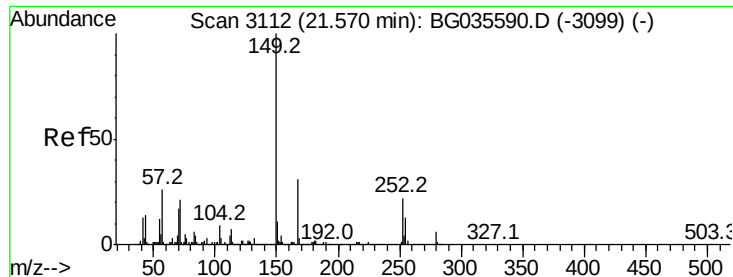
Tot Ion:252 Resp: 155168
 Ion Ratio Lower Upper
 252 100
 254 65.5 50.8 76.2
 126 7.7 7.4 11.2



#82
 Chrysene
 Concen: 42.865 ng
 RT: 21.69 min Scan# 3132
 Delta R.T. -0.02 min
 Lab File: BG036165.D
 Acq: 7 Aug 2018 17:04

Tgt Ion:228 Resp: 558887
 Ion Ratio Lower Upper
 228 100
 226 30.6 24.9 37.3
 229 20.2 15.0 22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.305 ng

RT: 21.52 min Scan# 3103

Delta R.T. -0.02 min

Lab File: BG036165.D

Acq: 7 Aug 2018 17:04

Instrument :

BNA_G

ClientSampleId :

PB111787BS

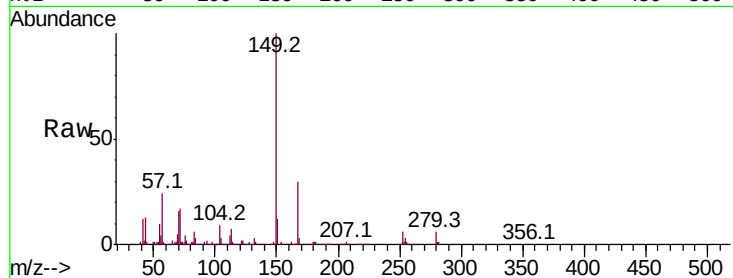
Tot Ion:149 Resp: 293621

Ion Ratio Lower Upper

149 100

167 30.1 24.3 36.5

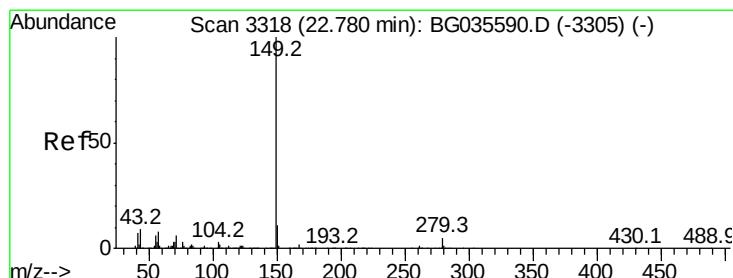
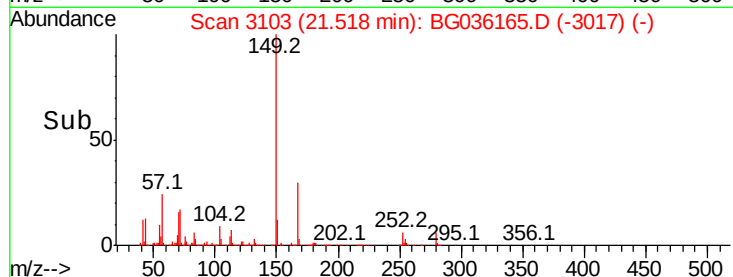
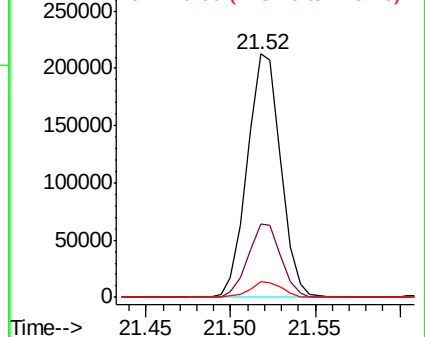
279 6.3 4.0 6.0#



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: 43.104 ng

RT: 22.71 min Scan# 3306

Delta R.T. -0.03 min

Lab File: BG036165.D

Acq: 7 Aug 2018 17:04

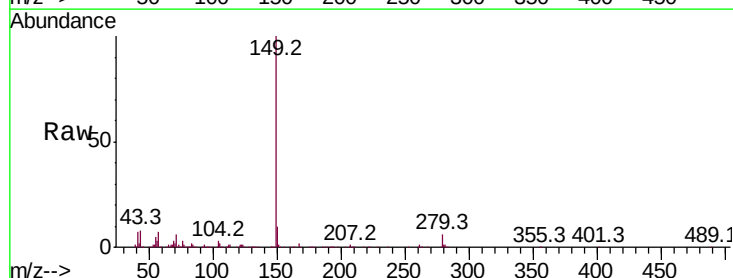
Tgt Ion:149 Resp: 500909

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

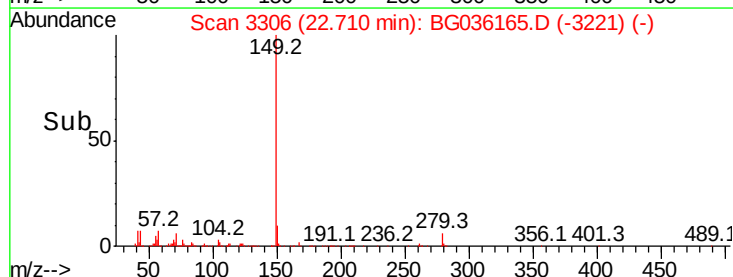
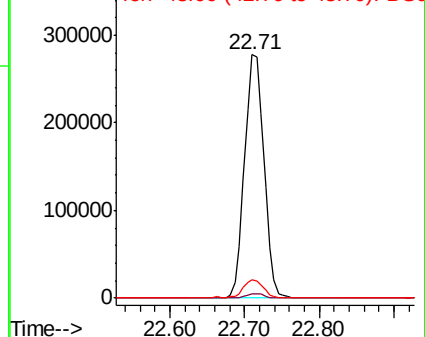
43 7.5 8.9 13.3#

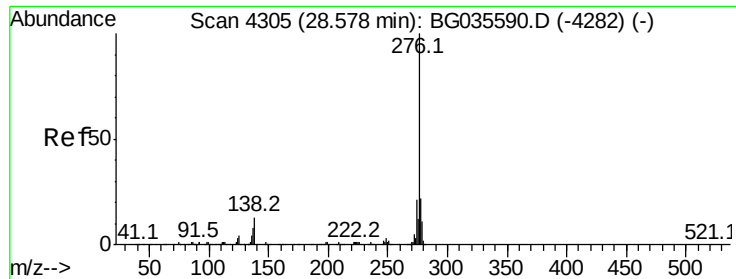


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

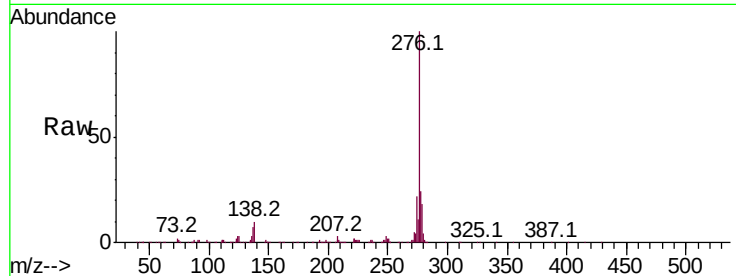




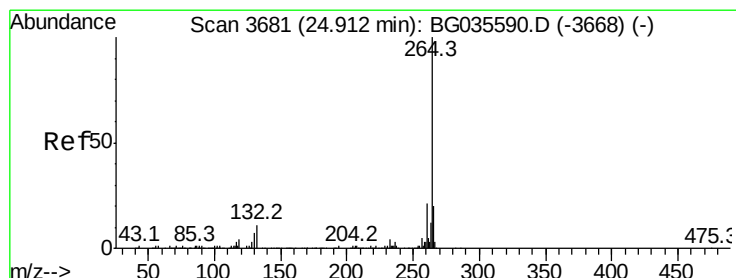
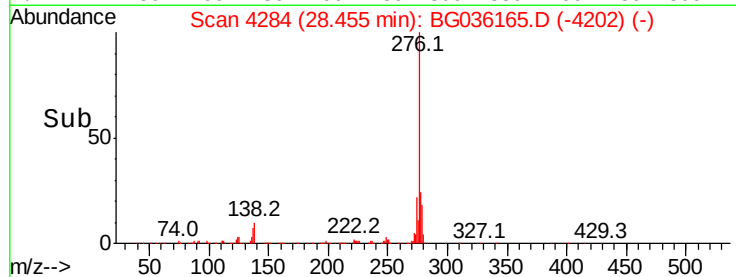
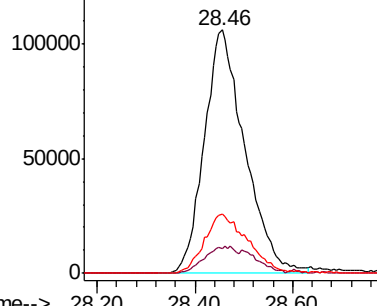
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.420 ng
 RT: 28.46 min Scan# 4284
 Delta R.T. -0.05 min
 Lab File: BG036165.D
 Acq: 7 Aug 2018 17:04

Instrument :
 BNA_G
 ClientSampleId :
 PB111787BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	5.1	16.0	24.0#
277	25.9	20.0	30.0

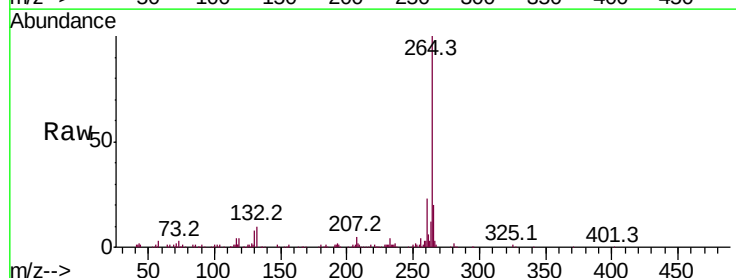


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

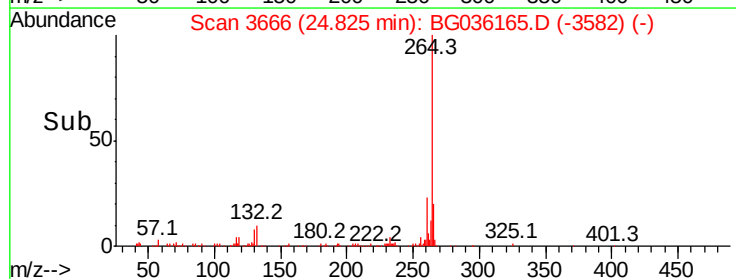
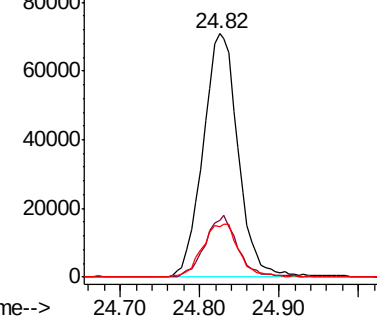


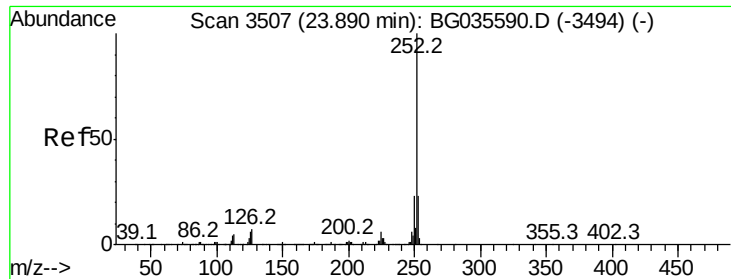
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.82 min Scan# 3666
 Delta R.T. -0.04 min
 Lab File: BG036165.D
 Acq: 7 Aug 2018 17:04

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.4	26.0
265	20.5	17.7	26.5



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

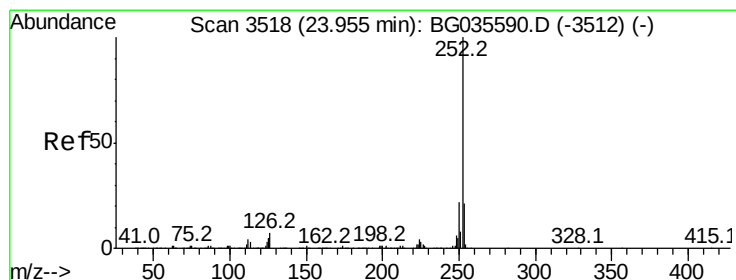
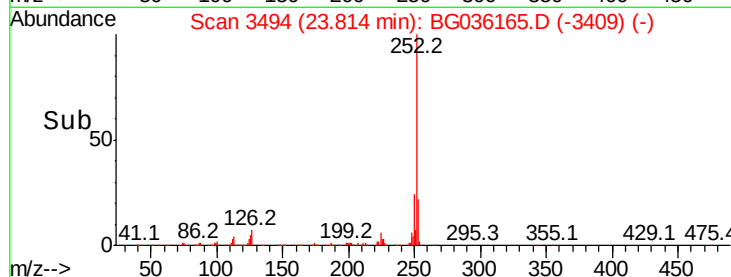
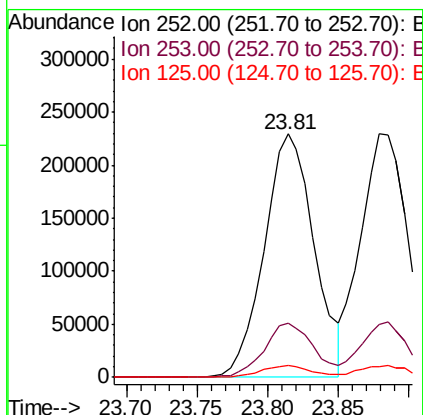
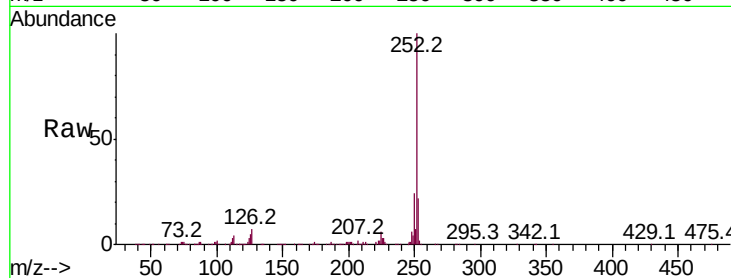




#87
Benzo(b)fluoranthene
Concen: 43.177 ng
RT: 23.81 min Scan# 3494
Delta R.T. -0.03 min
Lab File: BG036165.D
Acq: 7 Aug 2018 17:04

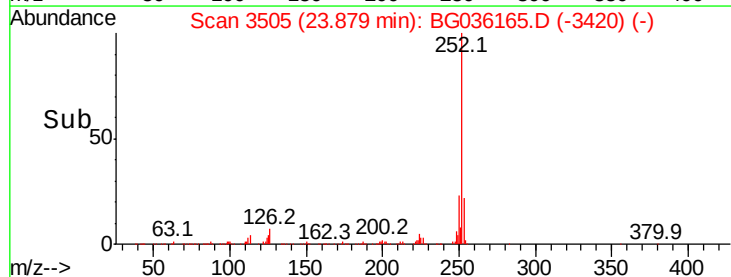
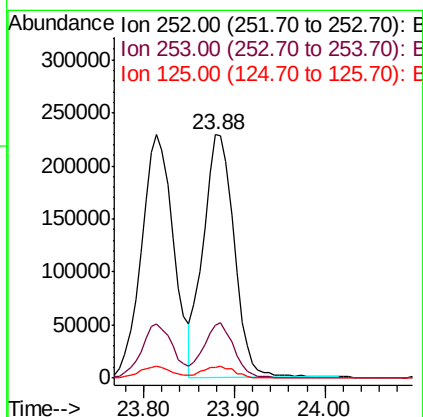
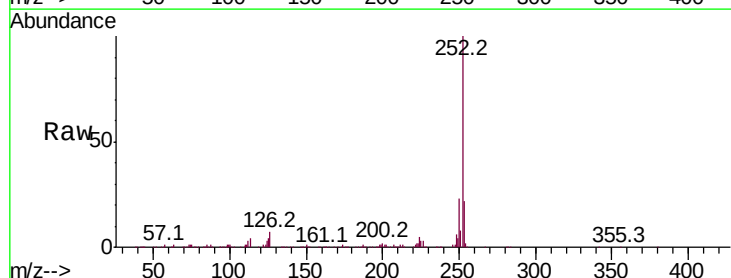
Instrument :
BNA_G
ClientSampleId :
PB111787BS

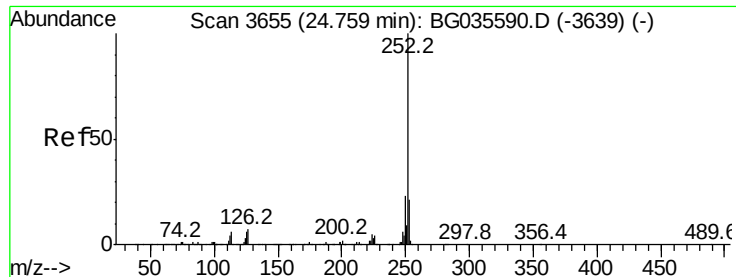
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.4
125	4.7	7.2	10.8#



#88
Benzo(k)fluoranthene
Concen: 42.305 ng
RT: 23.88 min Scan# 3505
Delta R.T. -0.03 min
Lab File: BG036165.D
Acq: 7 Aug 2018 17:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.2
125	4.3	6.6	9.8#

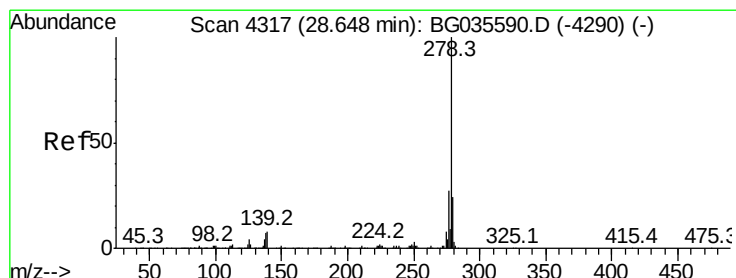
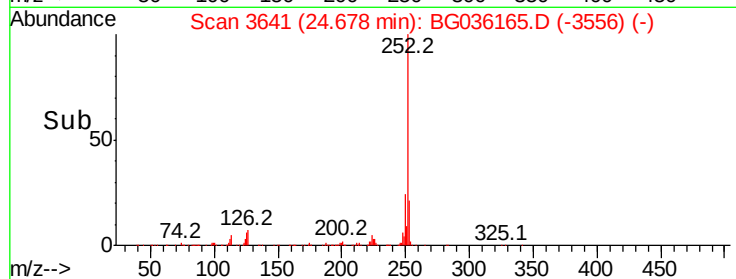
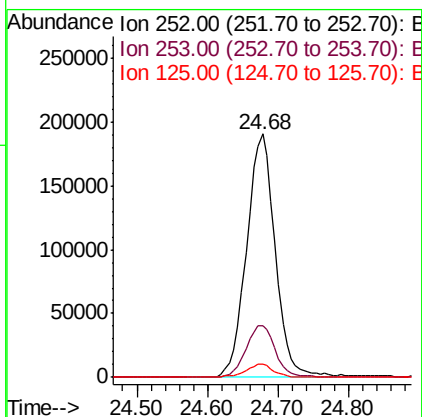
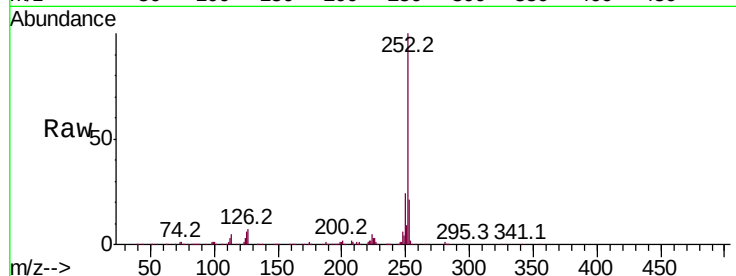




#89
Benzo(a)pyrene
Concen: 44.083 ng
RT: 24.68 min Scan# 3641
Delta R.T. -0.03 min
Lab File: BG036165.D
Acq: 7 Aug 2018 17:04

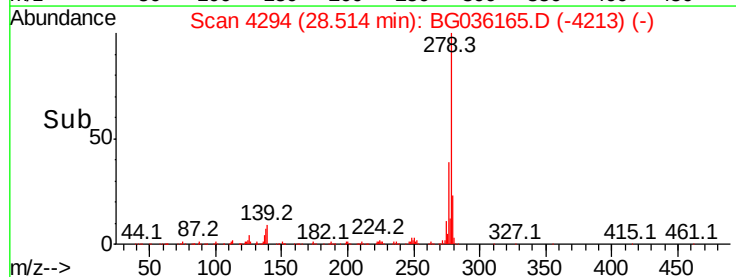
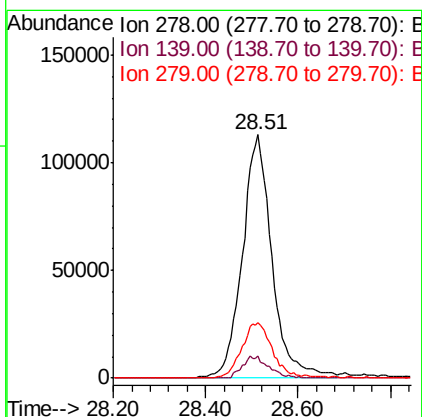
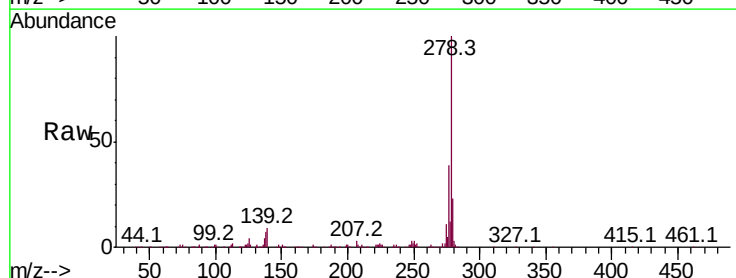
Instrument :
BNA_G
ClientSampleId :
PB111787BS

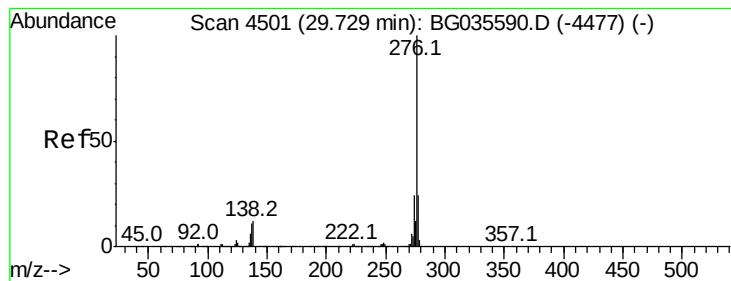
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.3	27.5
125	5.6	7.3	10.9#



#90
Dibenzo(a,h)anthracene
Concen: 42.033 ng
RT: 28.51 min Scan# 4294
Delta R.T. -0.05 min
Lab File: BG036165.D
Acq: 7 Aug 2018 17:04

Tgt Ion	Ratio	Lower	Upper
278	100		
139	9.0	9.8	14.6#
279	22.9	18.4	27.6





#91

Benzo(a,h,i)perylene

Concen: 43.445 ng

RT: 29.59 min Scan# 4477

Delta R.T. -0.05 min

Lab File: BG036165.D

Acq: 7 Aug 2018 17:04

Instrument :

BNA_G

ClientSampleId :

PB111787BS

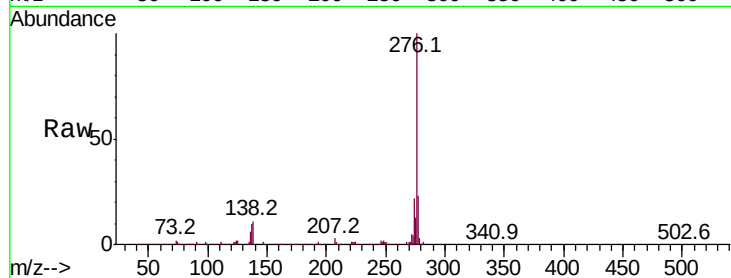
Tot Ion:276 Resp: 510037

Ion Ratio Lower Upper

276 100

277 22.6 18.3 27.5

138 11.3 13.9 20.9#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

