

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080218\
 Data File : BG036057.D
 Acq On : 2 Aug 2018 12:47
 Operator : JU/SJ
 Sample : PB111684BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB111684BSD

Quant Time: Aug 02 14:07:43 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	8.02	152	27628	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	106455	20.00	ng	0.00
38) Acenaphthene-d10	14.64	164	80255	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	237905	20.00	ng	0.00
75) Chrysene-d12	21.65	240	273323	20.00	ng	0.00
86) Perylene-d12	24.85	264	261560	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	147280	88.50	ng	0.00
7) Phenol-d6	7.19	99	215657	86.86	ng	0.00
23) Nitrobenzene-d5	9.18	82	212983	83.58	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	105949	100.16	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	507640	84.74	ng	0.00
78) Terphenyl-d14	19.99	244	978447	78.91	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.52	88	27700	32.705	ng	# 73
3) Pyridine	3.90	79	76513	34.604	ng	# 73
4) n-Nitrosodimethylamine	3.82	42	33734	35.532	ng	# 92
6) Aniline	7.35	93	81621	25.363	ng	98
8) 2-Chlorophenol	7.59	128	72592	42.891	ng	93
9) Benzaldehyde	7.17	77	41321	27.124	ng	97
10) Phenol	7.22	94	108079	43.087	ng	95
11) bis(2-Chloroethyl)ether	7.44	93	72863	37.091	ng	87
12) 1,3-Dichlorobenzene	7.91	146	84748	41.465	ng	94
13) 1,4-Dichlorobenzene	8.05	146	87028	41.908	ng	92
14) 1,2-Dichlorobenzene	8.38	146	82302	41.255	ng	90
15) Benzyl Alcohol	8.26	79	86573	38.398	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.55	45	81646	49.575	ng	73
17) 2-Methylphenol	8.46	107	71390	41.860	ng	# 93
18) Hexachloroethane	9.10	117	32331	40.719	ng	96
19) n-Nitroso-di-n-propylamine	8.82	70	67550	32.309	ng	# 84
20) 3+4-Methylphenols	8.79	107	97634	41.267	ng	92
22) Acetophenone	8.84	105	126913	38.337	ng	# 91
24) Nitrobenzene	9.23	77	104112	40.624	ng	94
25) Isophorone	9.74	82	192025	40.593	ng	98
26) 2-Nitrophenol	9.94	139	43142	47.399	ng	# 88
27) 2,4-Dimethylphenol	10.00	122	77481	50.290	ng	93
28) bis(2-Chloroethoxy)methane	10.23	93	101807	39.057	ng	94
29) 2,4-Dichlorophenol	10.48	162	86363	49.106	ng	97
30) 1,2,4-Trichlorobenzene	10.68	180	93997	43.586	ng	93
31) Naphthalene	10.87	128	225311	40.631	ng	99
32) Benzoic acid	10.17	122	20632	19.892	ng	88
33) 4-Chloroaniline	11.00	127	45555	18.848	ng	97
34) Hexachlorobutadiene	11.15	225	72619	43.183	ng	97
35) Caprolactam	11.76	113	20183	26.742	ng	# 47
36) 4-Chloro-3-methylphenol	12.11	107	109370	46.394	ng	99
37) 2-Methylnaphthalene	12.48	142	182360	44.140	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	125203	41.333	ng	99
40) Hexachlorocyclopentadiene	12.82	237	153565	96.667	ng	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.08	196	81744	46.146	ng	97
43) 2,4,5-Trichlorophenol	13.16	196	91874	46.361	ng	98
45) 1,1'-Biphenyl	13.48	154	260255	41.827	ng	97
46) 2-Chloronaphthalene	13.52	162	201672	41.669	ng	97
47) 2-Nitroaniline	13.73	65	72812	42.554	ng	94
48) Acenaphthylene	14.37	152	344507	42.494	ng	98
49) Dimethylphthalate	14.10	163	291771	41.495	ng	99
50) 2,6-Dinitrotoluene	14.22	165	69291	48.392	ng	90
51) Acenaphthene	14.71	154	197948	39.195	ng	99
52) 3-Nitroaniline	14.56	138	38981	26.636	ng #	97
53) 2,4-Dinitrophenol	14.76	184	62568	84.564	ng #	62
54) Dibenzofuran	15.04	168	344385	42.877	ng	97
55) 4-Nitrophenol	14.87	139	88429	84.845	ng #	87
56) 2,4-Dinitrotoluene	15.01	165	102909	50.096	ng	89
57) Fluorene	15.69	166	294366	43.727	ng	95
58) 2,3,4,6-Tetrachlorophenol	15.27	232	98320	51.746	ng #	91
59) Diethylphthalate	15.45	149	302788	41.878	ng	98
60) 4-Chlorophenyl-phenylether	15.68	204	170150	43.004	ng	95
61) 4-Nitroaniline	15.72	138	68240	44.576	ng #	78
62) Azobenzene	15.98	77	300090	42.078	ng	93
64) 4,6-Dinitro-2-methylphenol	15.78	198	60890	45.978	ng	82
65) n-Nitrosodiphenylamine	15.89	169	270903	40.005	ng	97
66) 4-Bromophenyl-phenylether	16.58	248	114766	41.580	ng	95
67) Hexachlorobenzene	16.70	284	121869	42.876	ng	92
68) Atrazine	16.85	200	126116	45.234	ng	98
69) Pentachlorophenol	17.05	266	113351	65.472	ng	97
70) Phenanthrene	17.43	178	504410	42.491	ng	98
71) Anthracene	17.52	178	516296	43.679	ng	98
72) Carbazole	17.80	167	471376	41.991	ng	99
73) Di-n-butylphthalate	18.34	149	551618	41.583	ng #	98
74) Fluoranthene	19.44	202	688178	43.038	ng	97
76) Benzidine	19.62	184	223240	31.067	ng	99
77) Pyrene	19.80	202	682333	39.481	ng	97
79) Butylbenzylphthalate	20.68	149	258370	41.805	ng #	93
80) Benzo(a)anthracene	21.63	228	709197	41.637	ng	98
81) 3,3'-Dichlorobenzidine	21.55	252	172330	29.017	ng	99
82) Chrysene	21.70	228	665803	42.183	ng	99
83) Bis(2-ethylhexyl)phthalate	21.53	149	358161	42.627	ng #	97
84) Di-n-octyl phthalate	22.73	149	611541	43.470	ng #	93
85) Indeno(1,2,3-cd)pyrene	28.49	276	755404	43.228	ng #	92
87) Benzo(b)fluoranthene	23.83	252	679403	42.736	ng #	96
88) Benzo(k)fluoranthene	23.90	252	655429	42.171	ng #	96
89) Benzo(a)pyrene	24.69	252	655700	44.334	ng #	96
90) Dibenzo(a,h)anthracene	28.55	278	625278	43.064	ng #	96
91) Benzo(g,h,i)perylene	29.63	276	618689	43.544	ng #	94

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

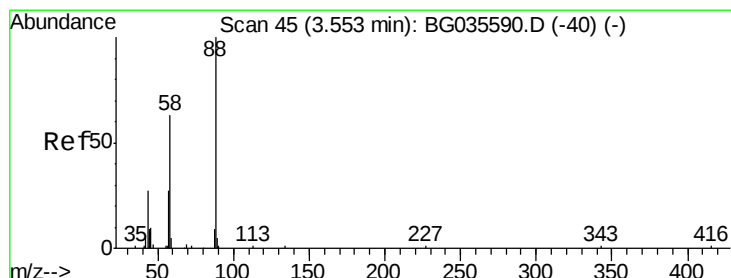
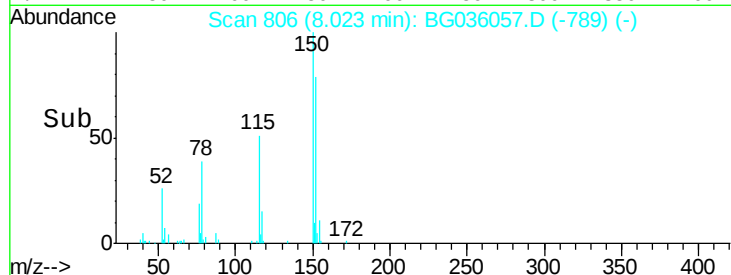
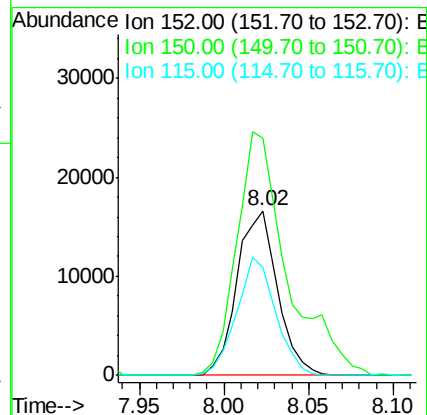
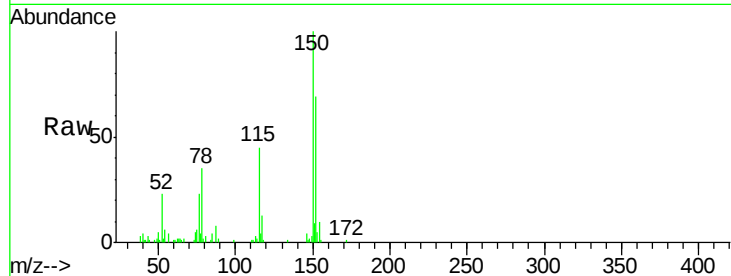


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 806
Delta R.T. -0.00 min
Lab File: BG036057.D
Acq: 2 Aug 2018 12:47

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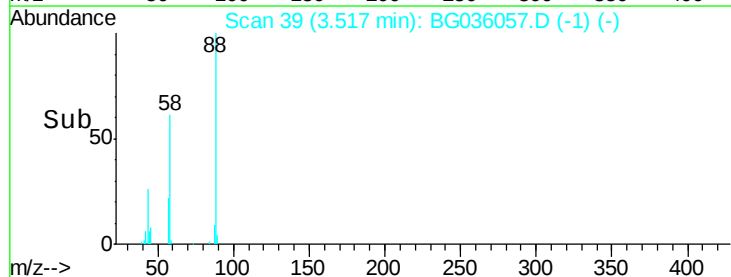
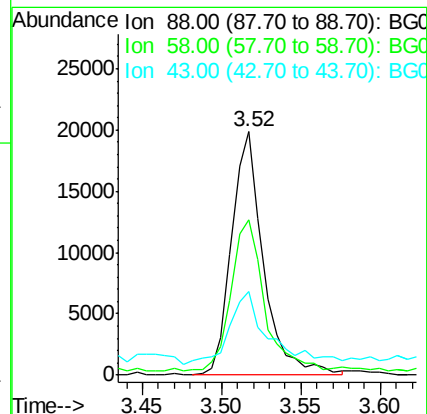
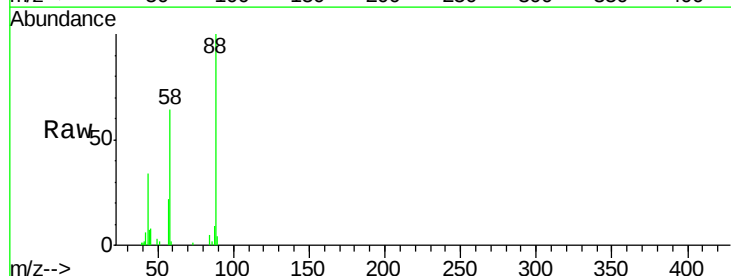
Tgt Ion:152 Resp: 27628
Ion Ratio Lower Upper
152 100
150 144.3 126.6 189.8
115 65.2 53.0 79.4



#2

1,4-Dioxane
Concen: 32.705 ng
RT: 3.52 min Scan# 39
Delta R.T. -0.01 min
Lab File: BG036057.D
Acq: 2 Aug 2018 12:47

Tgt Ion: 88 Resp: 27700
Ion Ratio Lower Upper
88 100
58 65.4 79.6 119.4#
43 36.8 27.4 41.0





#3

Pyridine

Concen: 34.604 ng

RT: 3.90 min Scan# 105

Delta R.T. -0.01 min

Lab File: BG036057.D

Acq: 2 Aug 2018 12:47

Instrument :

BNA_G

ClientSampleId :

PB111684BSD

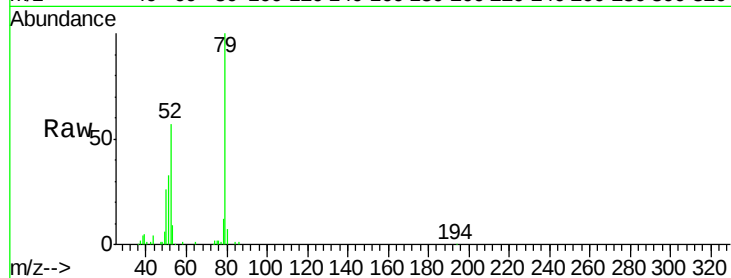
Tgt Ion: 79 Resp: 76513

Ion Ratio Lower Upper

79 100

52 57.4 69.9 104.9#

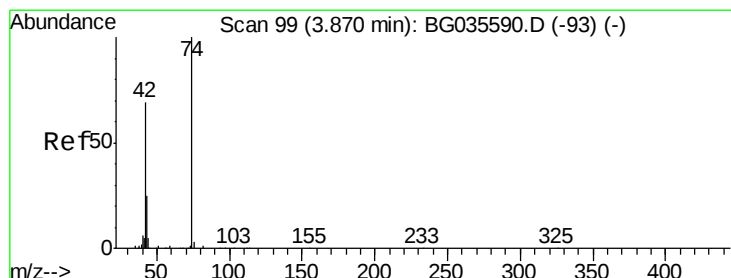
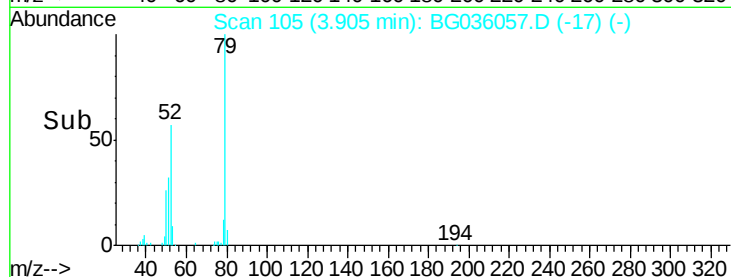
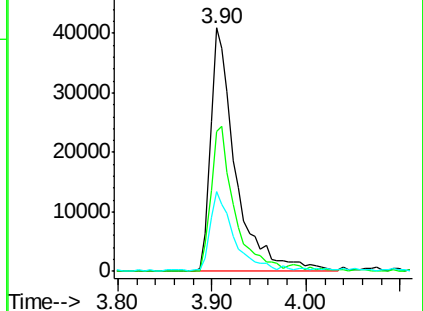
51 32.8 34.0 51.0#



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 35.532 ng

RT: 3.82 min Scan# 91

Delta R.T. -0.01 min

Lab File: BG036057.D

Acq: 2 Aug 2018 12:47

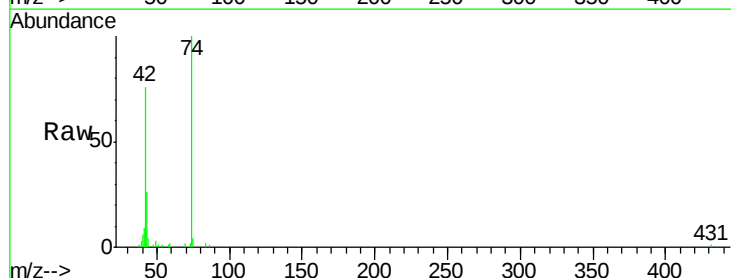
Tgt Ion: 42 Resp: 33734

Ion Ratio Lower Upper

42 100

74 131.4 102.5 153.7

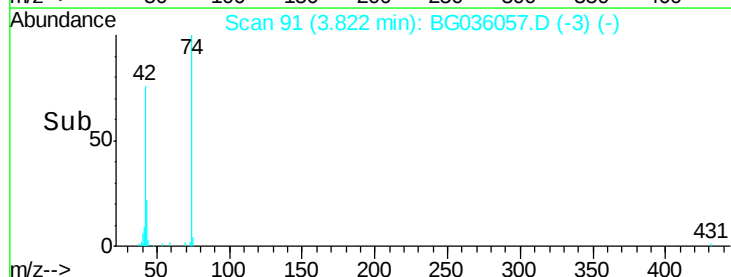
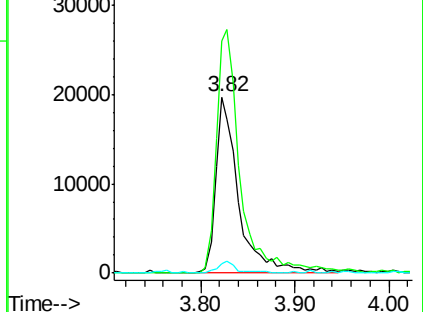
44 5.0 18.9 28.3#



Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 88.504 ng

RT: 5.60 min Scan# 394

Delta R.T. -0.00 min

Lab File: BG036057.D

Acq: 2 Aug 2018 12:47

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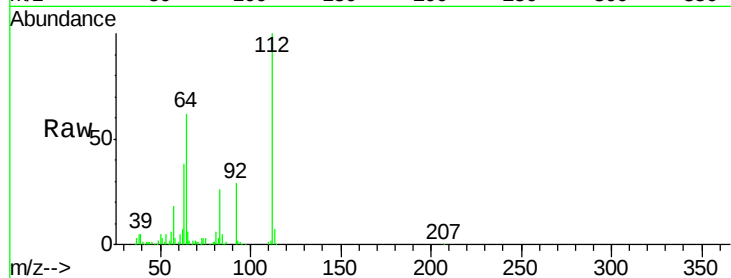
Tgt Ion: 112 Resp: 147280

Ion Ratio Lower Upper

112 100

64 62.4 56.3 84.5

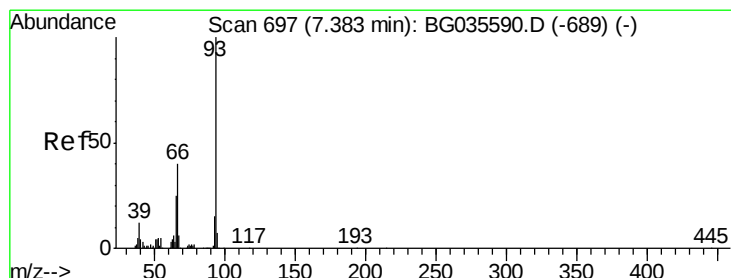
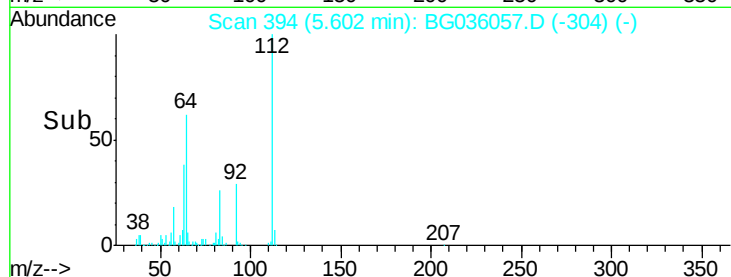
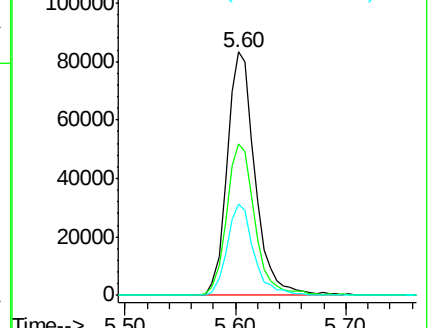
63 37.7 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 25.363 ng

RT: 7.35 min Scan# 691

Delta R.T. -0.01 min

Lab File: BG036057.D

Acq: 2 Aug 2018 12:47

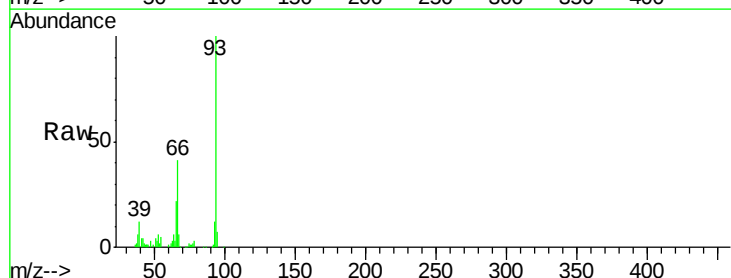
Tgt Ion: 93 Resp: 81621

Ion Ratio Lower Upper

93 100

66 41.4 33.7 50.5

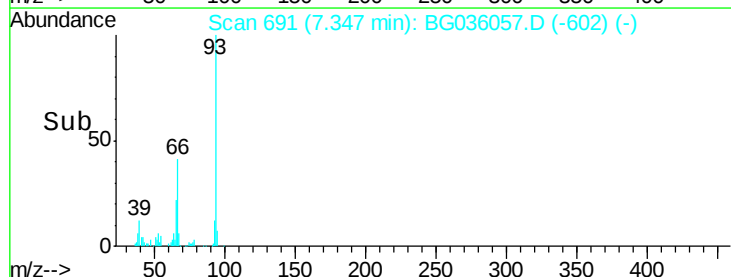
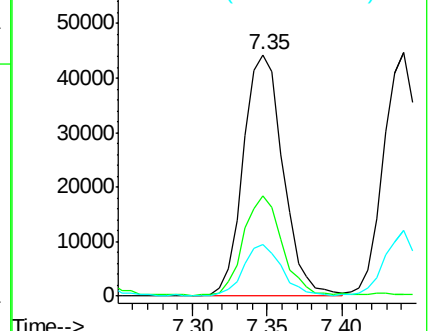
65 21.6 16.1 24.1



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 86.860 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.01 min

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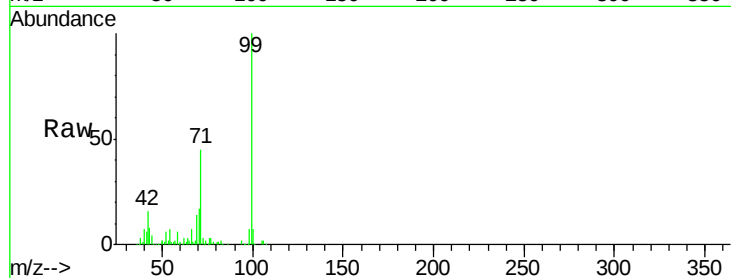
Tgt Ion: 99 Resp: 215657

Ion Ratio Lower Upper

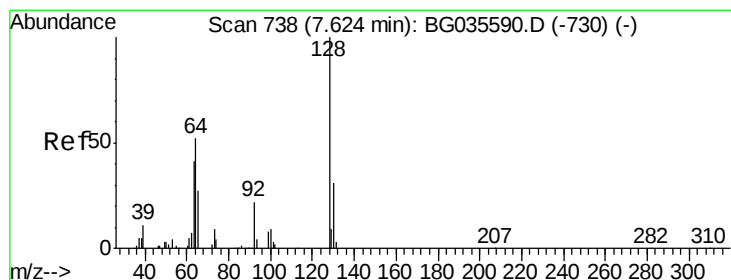
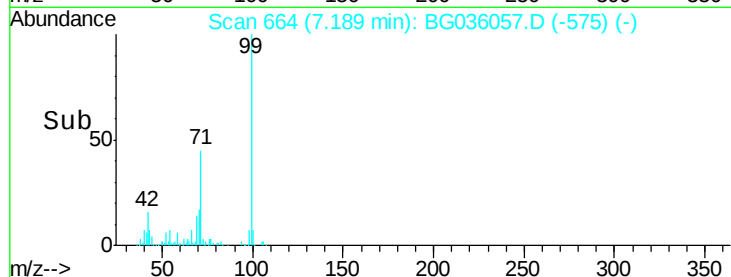
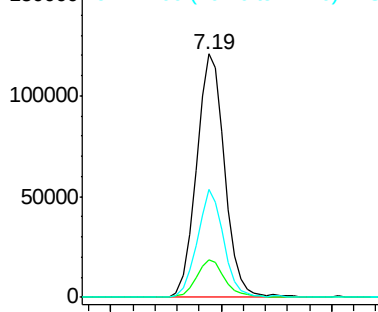
99 100

42 15.6 14.1 21.1

71 44.5 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: 42.891 ng

RT: 7.59 min Scan# 732

Delta R.T. -0.01 min

Lab File: BG036057.D

Acq: 2 Aug 2018 12:47

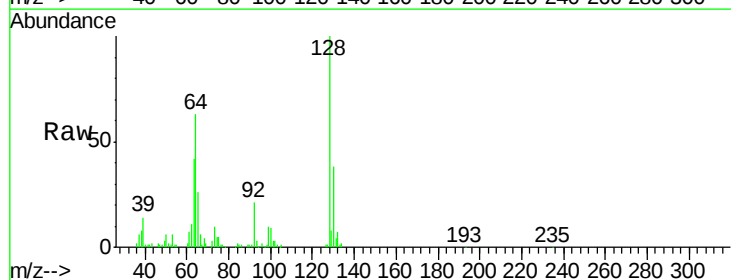
Tgt Ion: 128 Resp: 72592

Ion Ratio Lower Upper

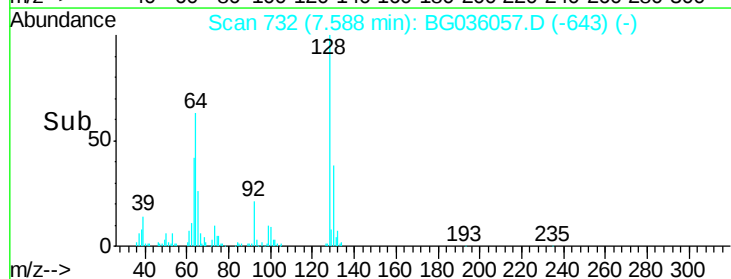
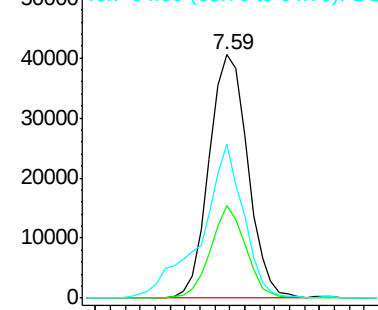
128 100

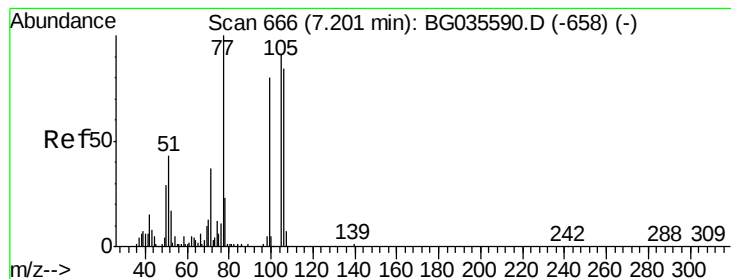
130 38.2 14.0 54.0

64 63.1 37.7 77.7



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





#9

Benzaldehyde

Concen: 27.124 ng

RT: 7.17 min Scan# 660

Delta R.T. -0.00 min

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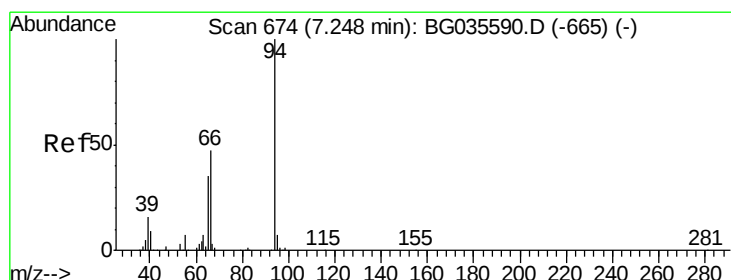
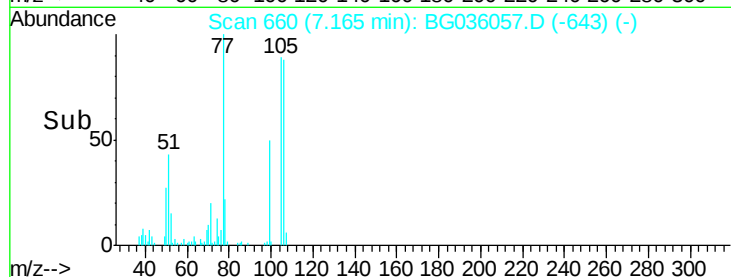
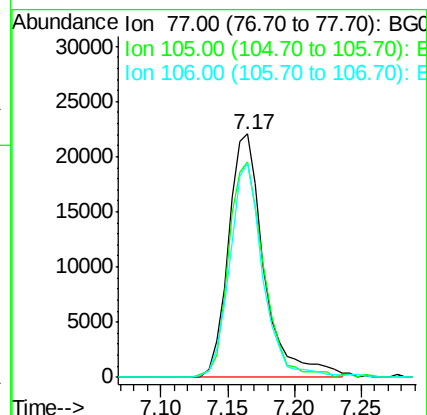
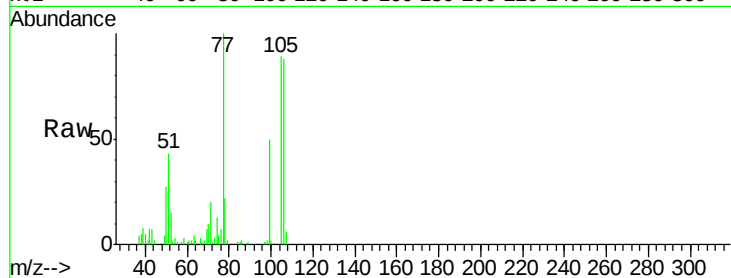
Tgt Ion: 77 Resp: 41321

Ion Ratio Lower Upper

77 100

105 88.7 71.3 111.3

106 88.0 64.2 104.2



#10

Phenol

Concen: 43.087 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG036057.D

Acq: 2 Aug 2018 12:47

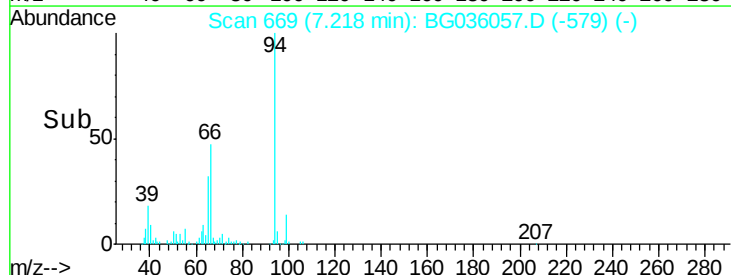
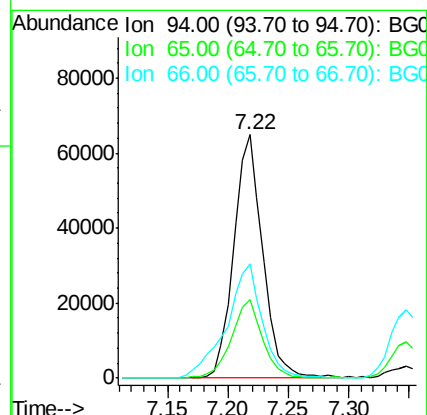
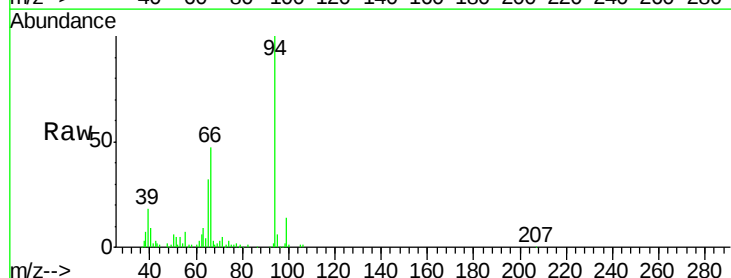
Tgt Ion: 94 Resp: 108079

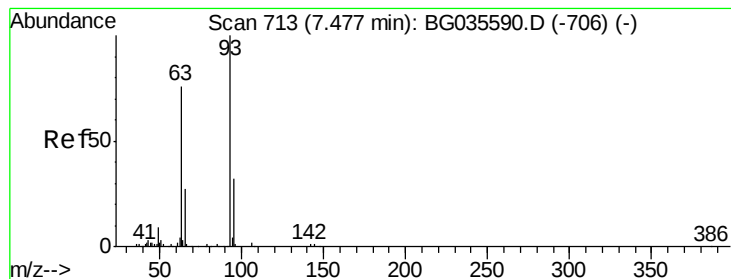
Ion Ratio Lower Upper

94 100

65 32.2 11.9 51.9

66 47.0 22.2 62.2





#11

bis(2-Chloroethyl)ether

Concen: 37.091 ng

RT: 7.44 min Scan# 707

Delta R.T. -0.01 min

Lab File: BG036057.D

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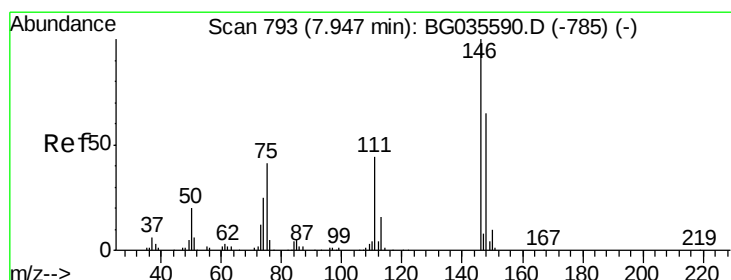
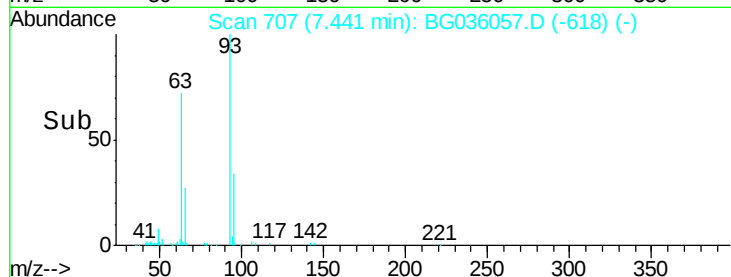
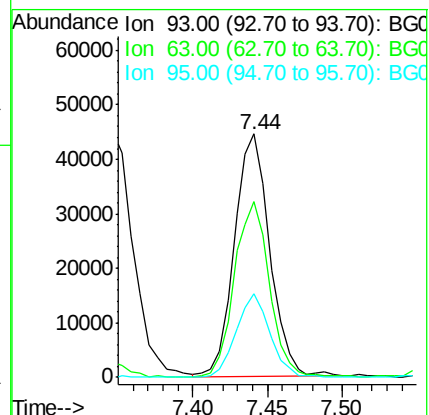
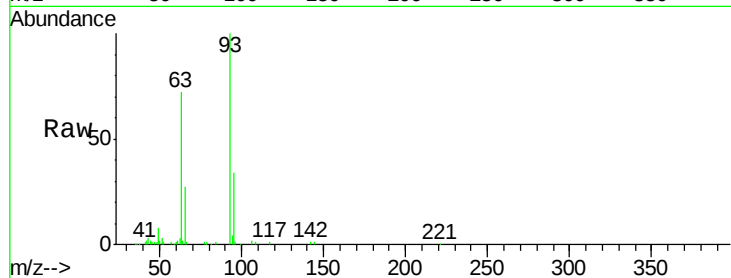
Tgt Ion: 93 Resp: 72863

Ion Ratio Lower Upper

93 100

63 72.0 67.1 107.1

95 34.4 11.5 51.5



#12

1,3-Dichlorobenzene

Concen: 41.465 ng

RT: 7.91 min Scan# 787

Delta R.T. -0.01 min

Lab File: BG036057.D

Acq: 2 Aug 2018 12:47

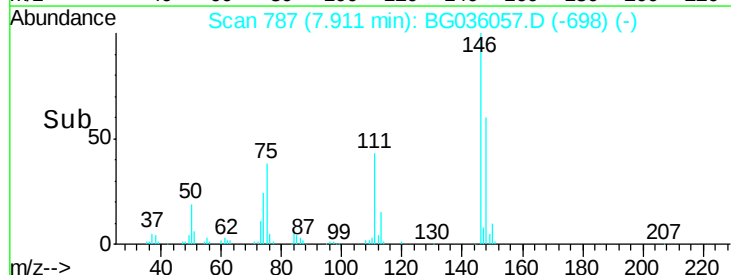
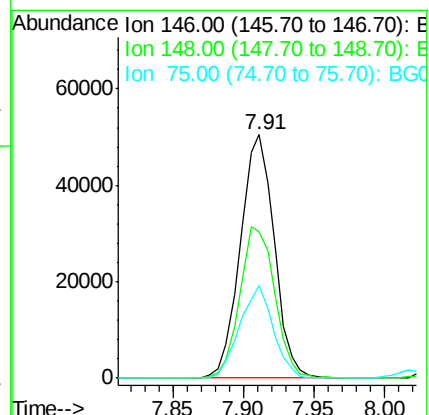
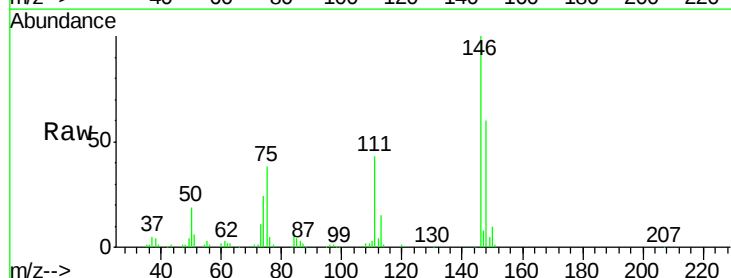
Tgt Ion: 146 Resp: 84748

Ion Ratio Lower Upper

146 100

148 60.2 51.4 77.2

75 38.2 26.6 39.8





#13

1,4-Dichlorobenzene

Concen: 41.908 ng

RT: 8.05 min Scan# 811

Delta R.T. -0.01 min

Lab File: BG036057.D

Acq: 2 Aug 2018 12:47

Instrument :

BNA_G

ClientSampleId :

PB111684BSD

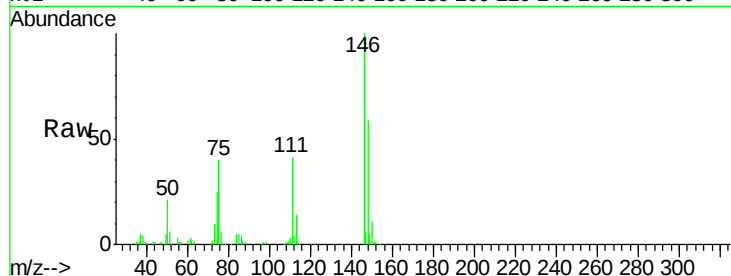
Tgt Ion:146 Resp: 87028

Ion Ratio Lower Upper

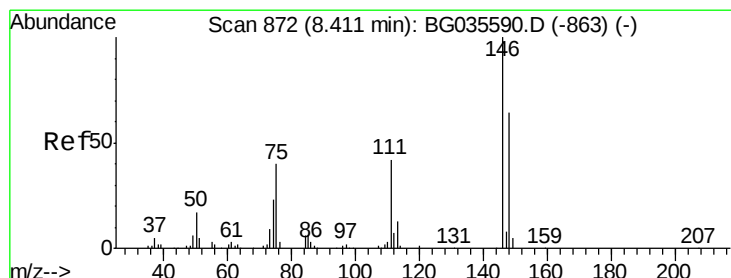
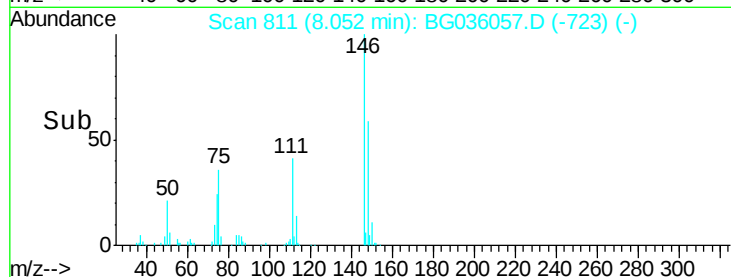
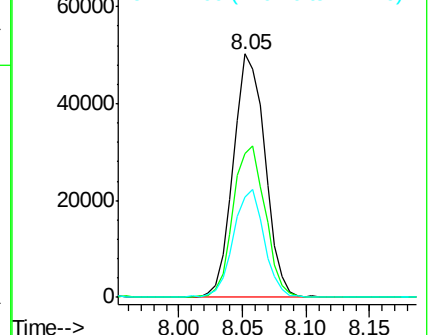
146 100

148 58.9 53.7 80.5

111 41.4 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: 41.255 ng

RT: 8.38 min Scan# 866

Delta R.T. -0.01 min

Lab File: BG036057.D

Acq: 2 Aug 2018 12:47

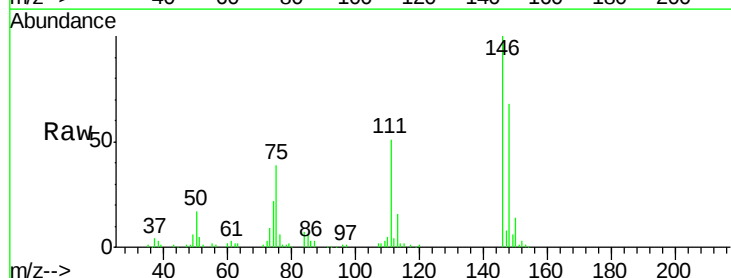
Tgt Ion:146 Resp: 82302

Ion Ratio Lower Upper

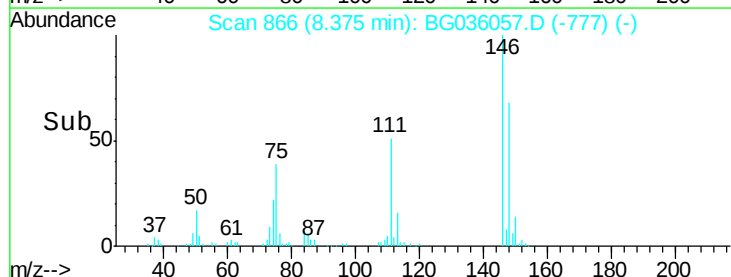
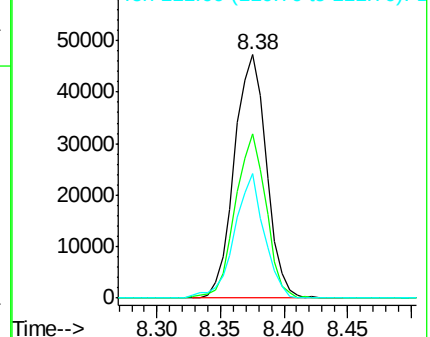
146 100

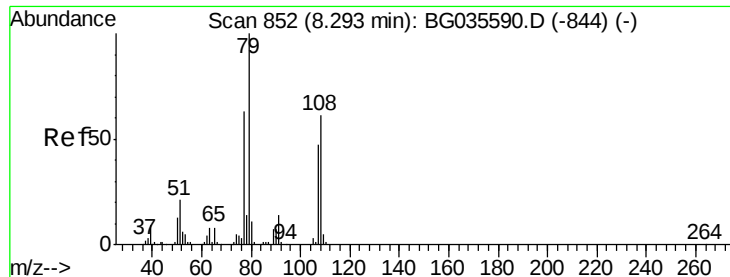
148 67.5 49.3 73.9

111 51.3 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: 38.398 ng

RT: 8.26 min Scan# 846

Delta R.T. -0.01 min

Lab File: BG036057.D

Acq: 2 Aug 2018 12:47

Instrument :

BNA_G

ClientSampleId :

PB111684BSD

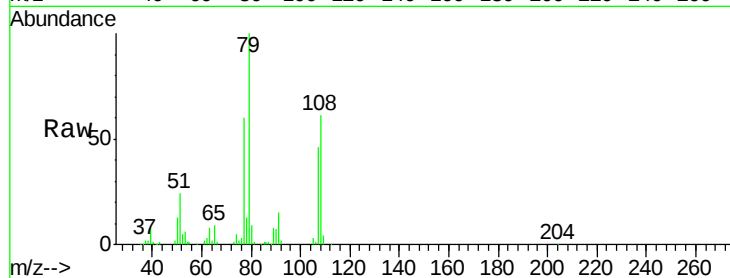
Tgt Ion: 79 Resp: 86573

Ion Ratio Lower Upper

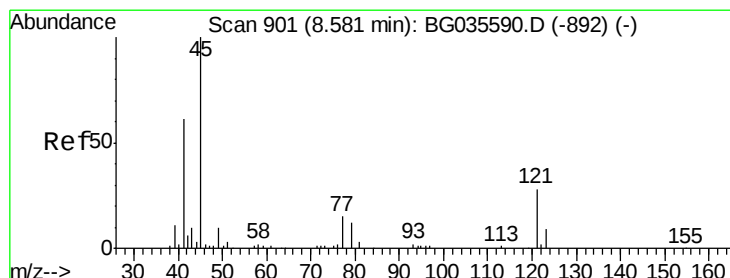
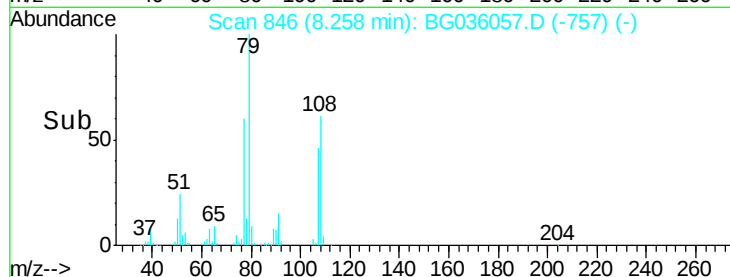
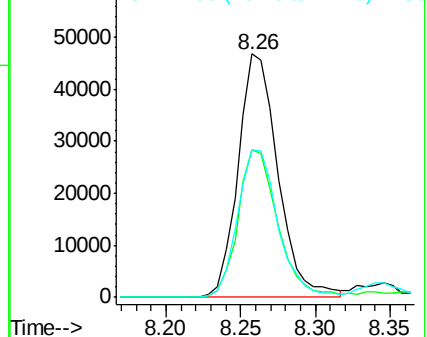
79 100

108 60.5 57.2 85.8

77 60.4 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: 49.575 ng

RT: 8.55 min Scan# 895

Delta R.T. -0.01 min

Lab File: BG036057.D

Acq: 2 Aug 2018 12:47

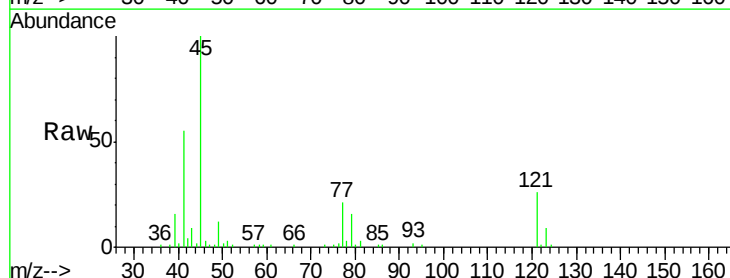
Tgt Ion: 45 Resp: 81646

Ion Ratio Lower Upper

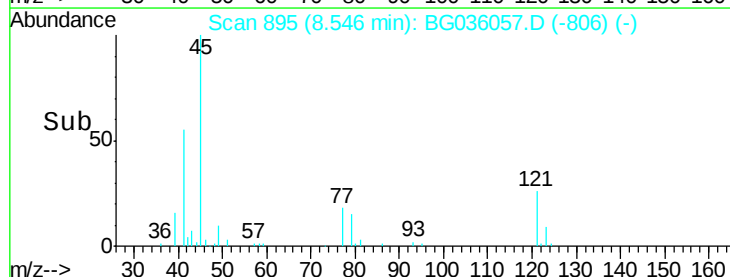
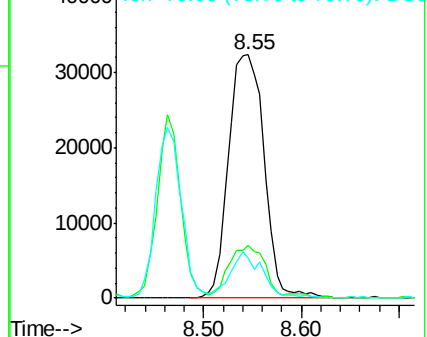
45 100

77 21.5 0.0 30.2

79 16.3 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

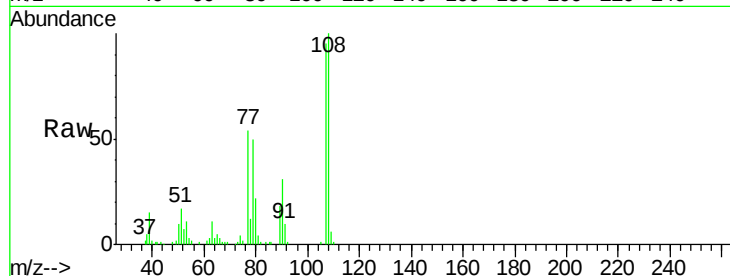




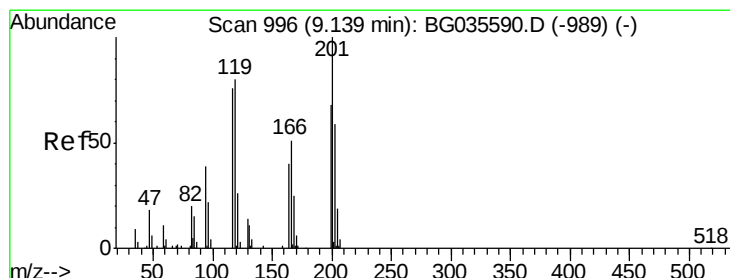
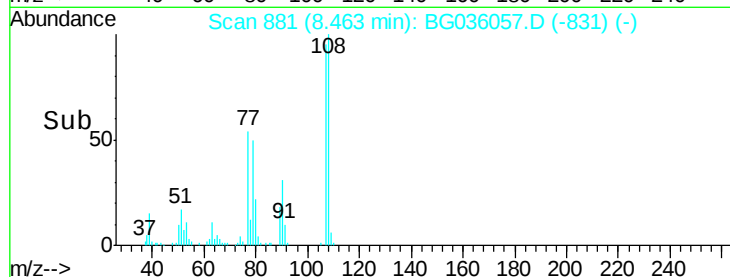
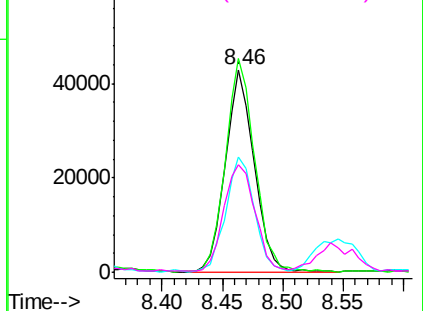
#17
2-Methylphenol
Concen: 41.860 ng
RT: 8.46 min Scan# 881
Delta R.T. -0.01 min
Lab File: BG036057.D
Acq: 2 Aug 2018 12:47

Instrument :
BNA_G
ClientSampleId :
PB111684BSD

Tgt Ion:	107	Resp:	71390
Ion	Ratio	Lower	Upper
107	100		
108	105.5	83.9	125.9
77	56.7	37.2	55.8#
79	53.0	36.2	54.2

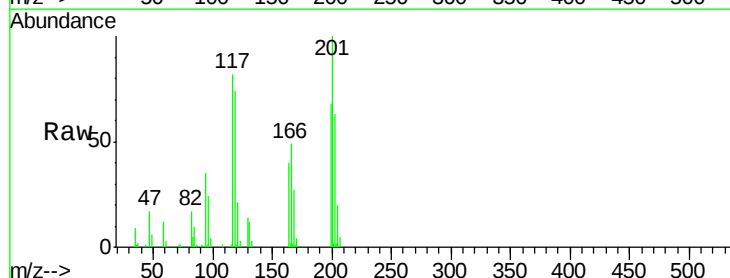


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

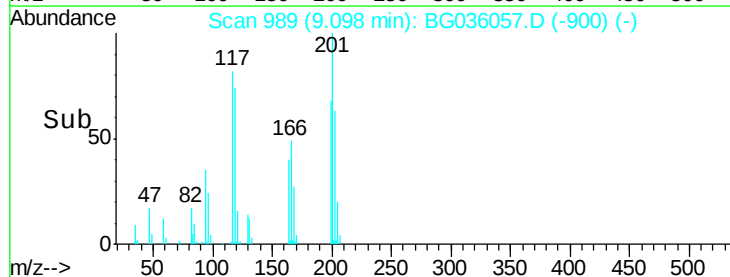
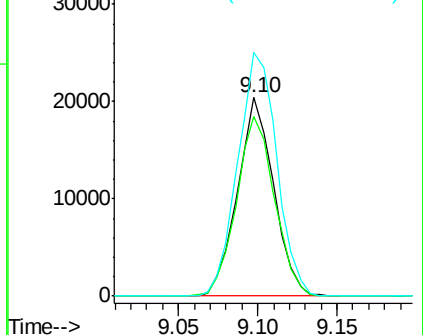


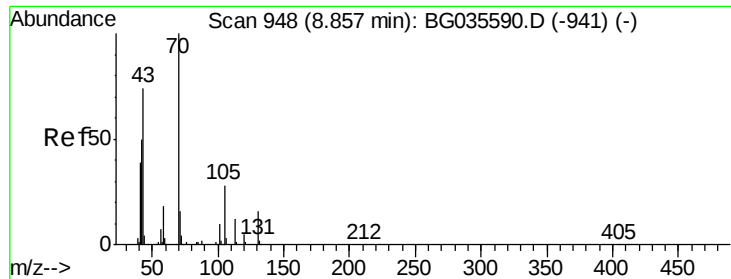
#18
Hexachloroethane
Concen: 40.719 ng
RT: 9.10 min Scan# 989
Delta R.T. -0.01 min
Lab File: BG036057.D
Acq: 2 Aug 2018 12:47

Tgt Ion:	117	Resp:	32331
Ion	Ratio	Lower	Upper
117	100		
119	90.5	76.7	115.1
201	122.6	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

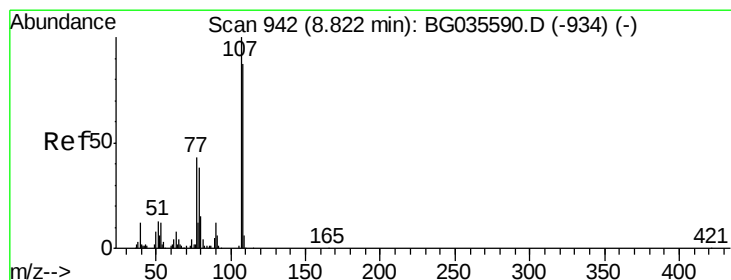
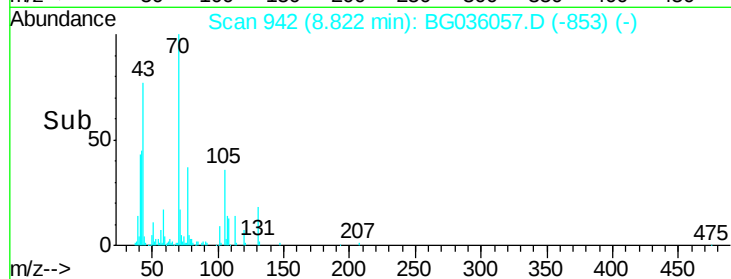
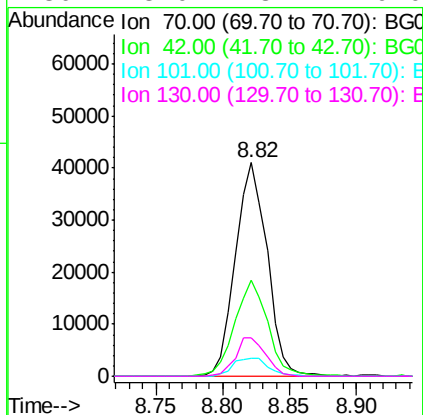
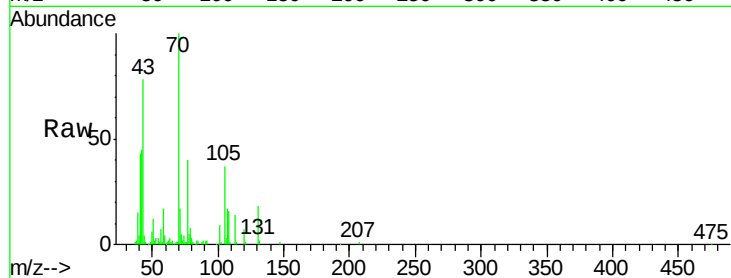




#19
n-Nitroso-di-n-propylamine
Concen: 32.309 ng
RT: 8.82 min Scan# 942
Delta R.T. -0.01 min
Lab File: BG036057.D
Acq: 2 Aug 2018 12:47

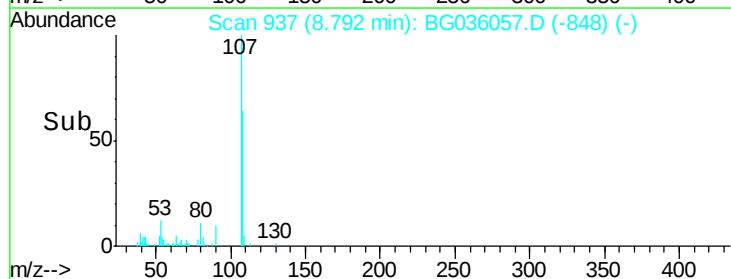
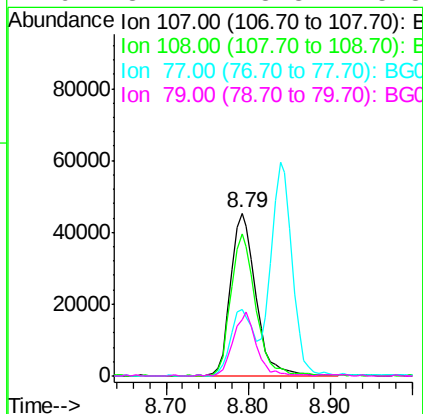
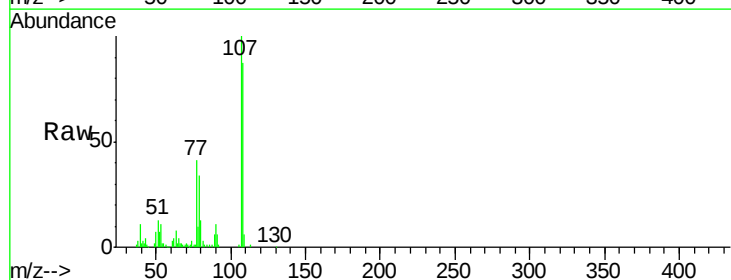
Instrument :
BNA_G
ClientSampleId :
PB111684BSD

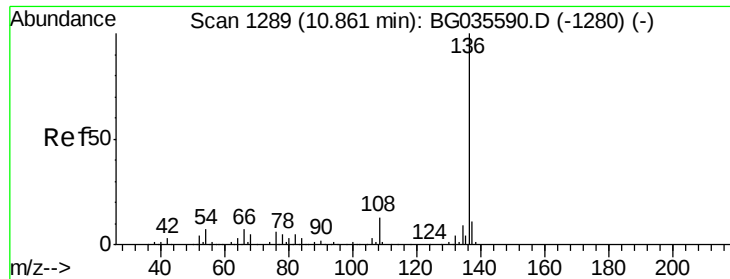
Tgt Ion:	70	Resp:	67550
Ion	Ratio	Lower	Upper
70	100		
42	45.2	49.1	73.7#
101	8.6	8.5	12.7
130	18.0	13.4	20.0



#20
3+4-Methylphenols
Concen: 41.267 ng
RT: 8.79 min Scan# 937
Delta R.T. -0.01 min
Lab File: BG036057.D
Acq: 2 Aug 2018 12:47

Tgt Ion:	107	Resp:	97634
Ion	Ratio	Lower	Upper
107	100		
108	87.3	61.6	101.6
77	40.8	13.9	53.9
79	34.1	8.8	48.8

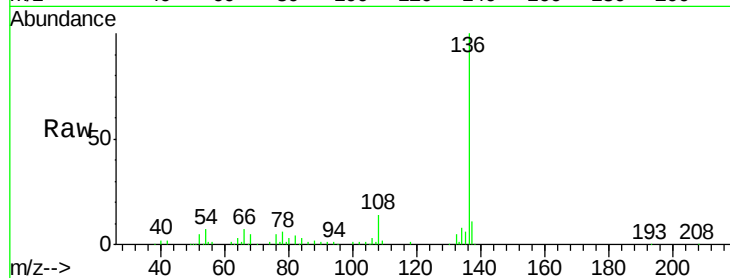




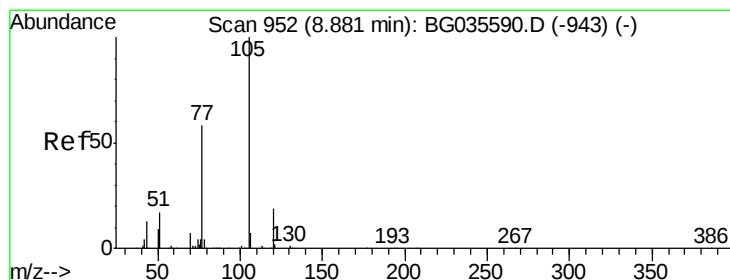
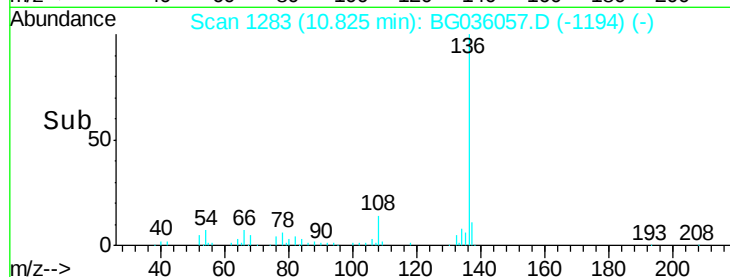
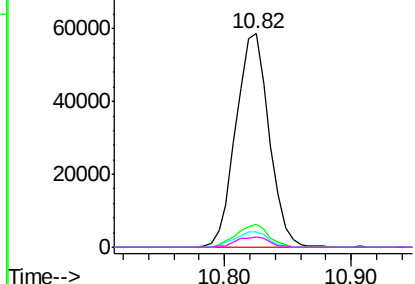
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BG036057.D
Acq: 2 Aug 2018 12:47

Instrument :
BNA_G
ClientSampleId :
PB111684BSD

Tgt Ion:	136	Resp:	106455
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	7.1	10.3	15.5#
68	5.1	4.5	6.7

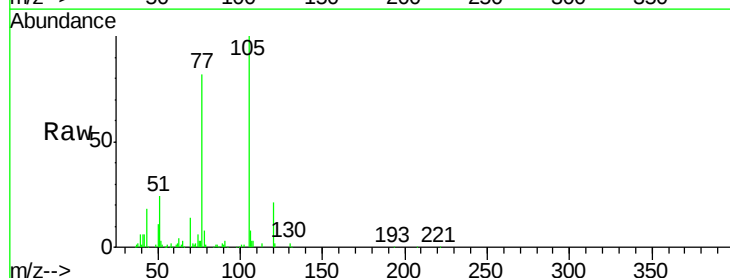


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

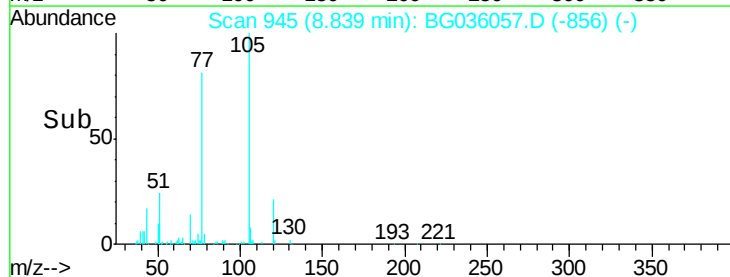
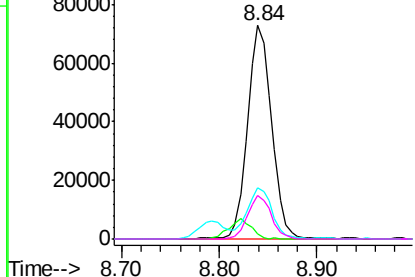


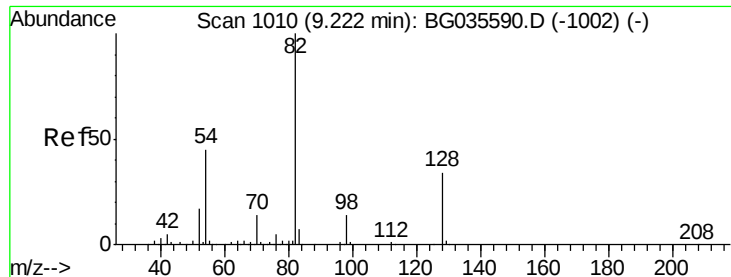
#22
Acetophenone
Concen: 38.337 ng
RT: 8.84 min Scan# 945
Delta R.T. -0.01 min
Lab File: BG036057.D
Acq: 2 Aug 2018 12:47

Tgt Ion:	105	Resp:	126913
Ion	Ratio	Lower	Upper
105	100		
71	2.2	3.0	4.4#
51	24.3	26.1	39.1#
120	20.7	17.4	26.2



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





#23

Nitrobenzene-d5

Concen: 83.578 ng

RT: 9.18 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BG036057.D

Acq: 2 Aug 2018 12:47

Instrument :

BNA_G

ClientSampleId :

PB111684BSD

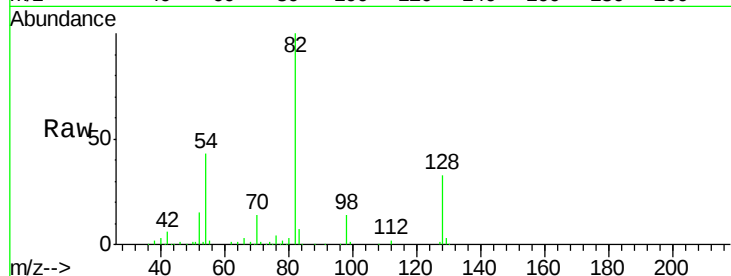
Tgt Ion: 82 Resp: 212983

Ion Ratio Lower Upper

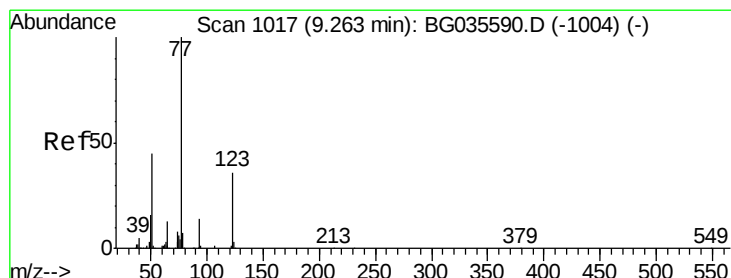
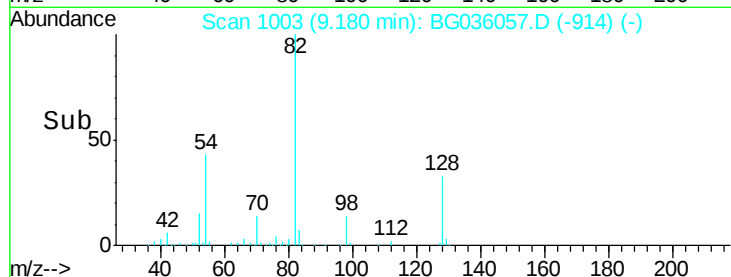
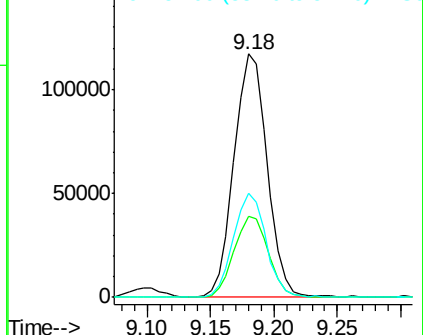
82 100

128 33.0 29.7 44.5

54 42.5 43.1 64.7#



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#24

Nitrobenzene

Concen: 40.624 ng

RT: 9.23 min Scan# 1011

Delta R.T. -0.00 min

Lab File: BG036057.D

Acq: 2 Aug 2018 12:47

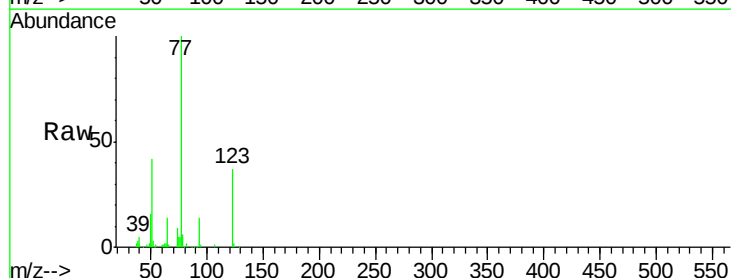
Tgt Ion: 77 Resp: 104112

Ion Ratio Lower Upper

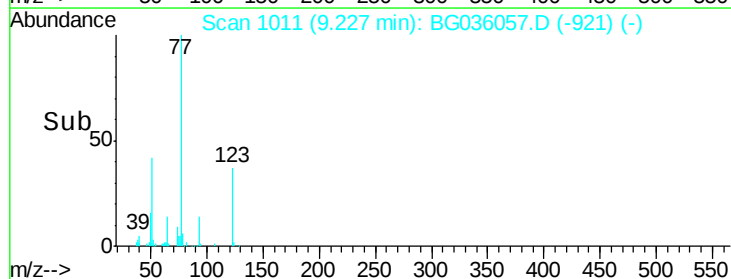
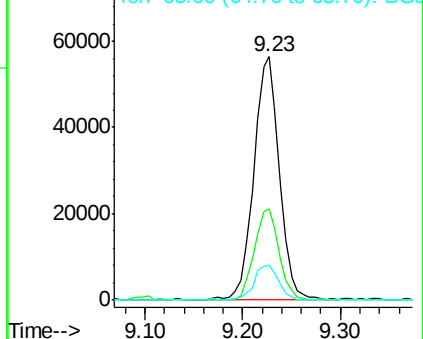
77 100

123 37.5 33.0 49.6

65 14.4 13.0 19.6



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 40.593 ng

RT: 9.74 min Scan# 1099

Delta R.T. -0.01 min

Lab File: BG036057.D

Acq: 2 Aug 2018 12:47

Instrument :

BNA_G

ClientSampleId :

PB111684BSD

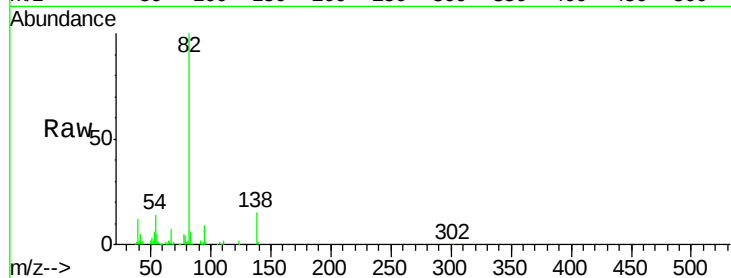
Tgt Ion: 82 Resp: 192025

Ion Ratio Lower Upper

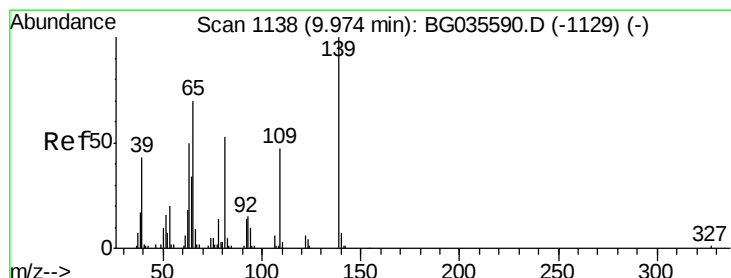
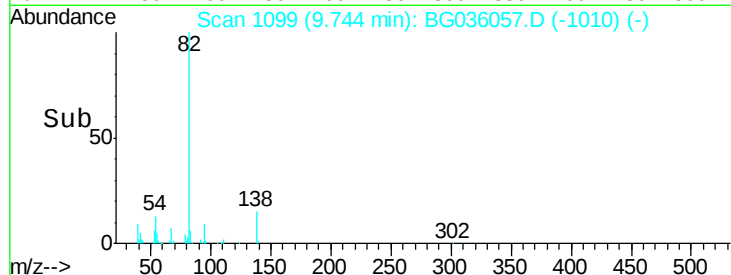
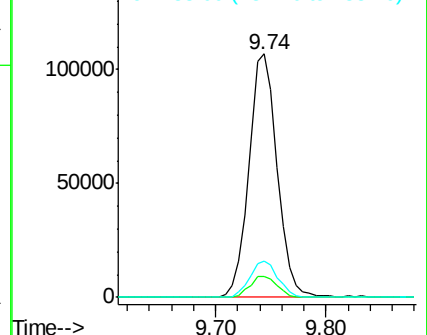
82 100

95 8.7 6.2 9.2

138 14.7 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: 47.399 ng

RT: 9.94 min Scan# 1132

Delta R.T. -0.01 min

Lab File: BG036057.D

Acq: 2 Aug 2018 12:47

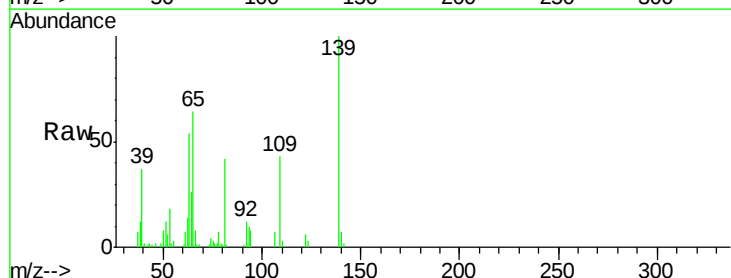
Tgt Ion: 139 Resp: 43142

Ion Ratio Lower Upper

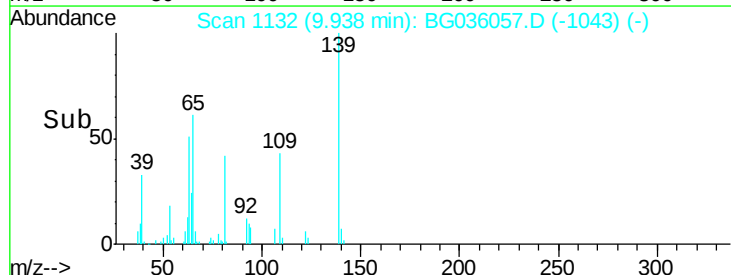
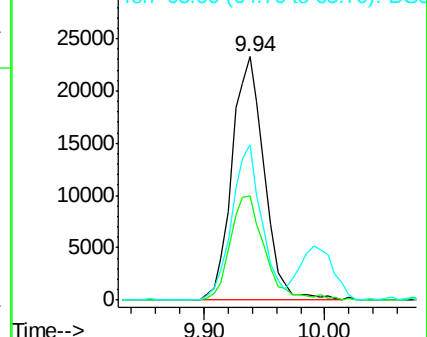
139 100

109 43.0 24.2 36.2#

65 63.8 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

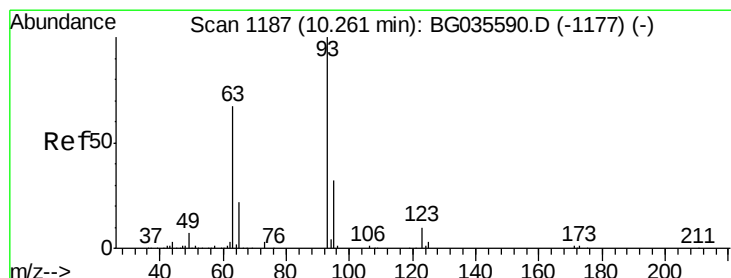
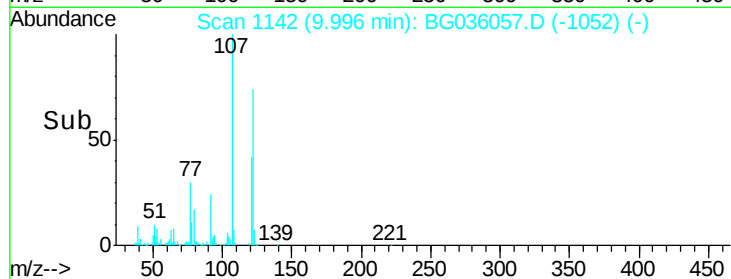
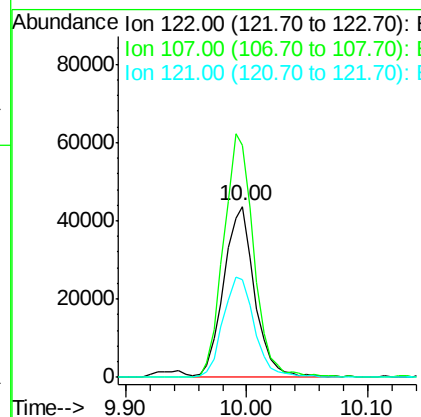
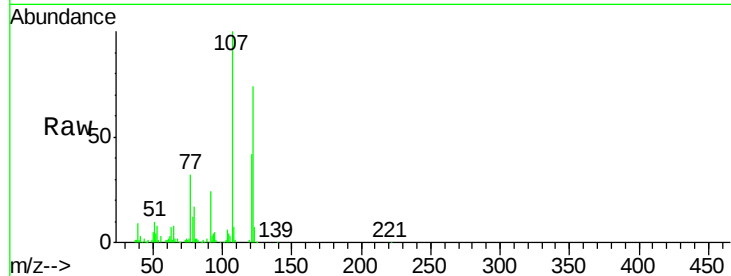




#27
 2,4-Dimethylphenol
 Concen: 50.290 ng
 RT: 10.00 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: BG036057.D
 Acq: 2 Aug 2018 12:47

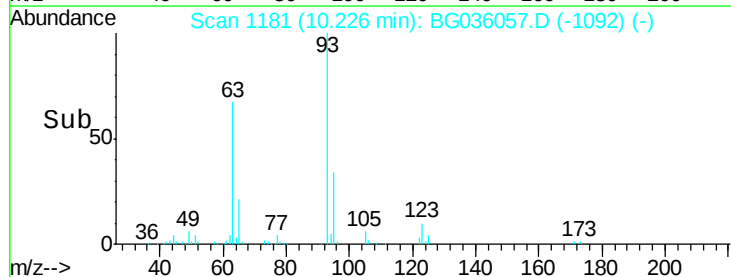
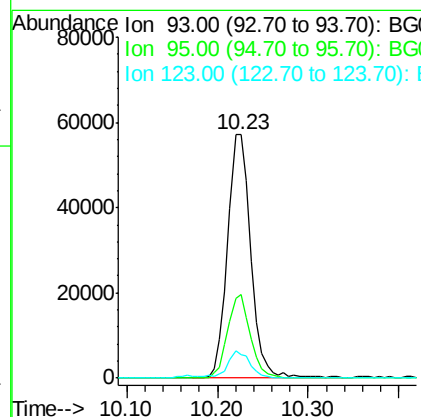
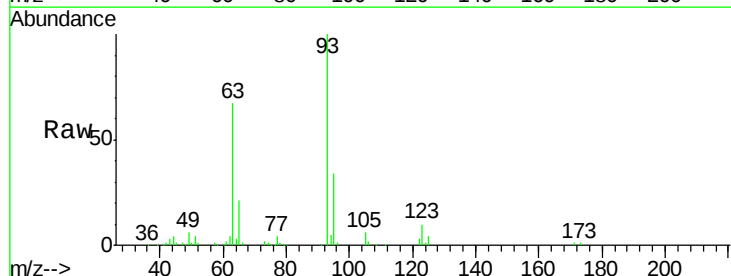
Instrument :
 BNA_G
 ClientSampleId :
 PB111684BSD

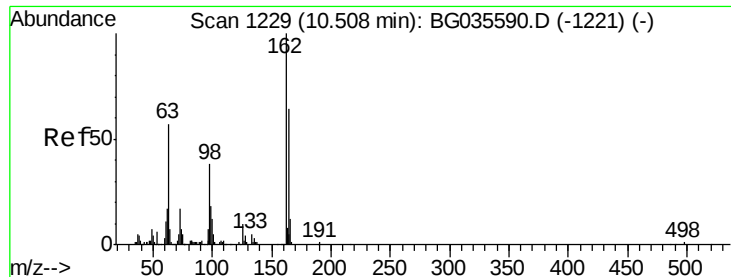
Tgt Ion:122 Resp: 77481
 Ion Ratio Lower Upper
 122 100
 107 135.5 100.2 150.2
 121 57.2 44.4 66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.057 ng
 RT: 10.23 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BG036057.D
 Acq: 2 Aug 2018 12:47

Tgt Ion: 93 Resp: 101807
 Ion Ratio Lower Upper
 93 100
 95 34.2 24.3 36.5
 123 9.6 8.4 12.6

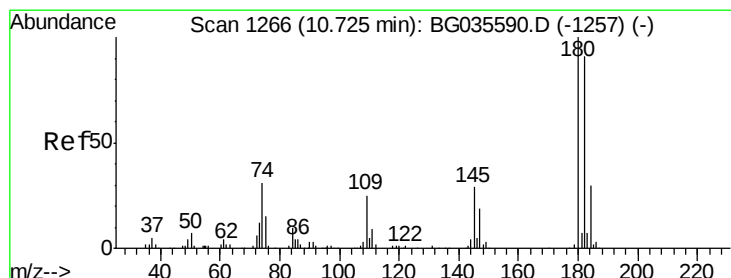
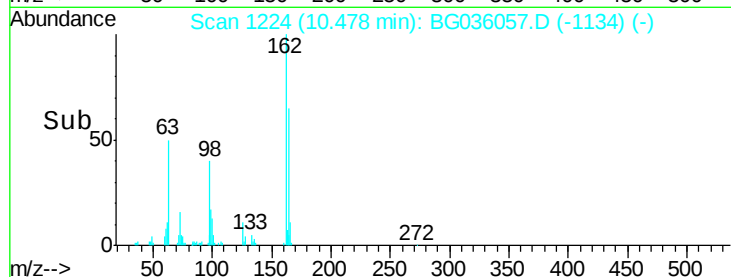
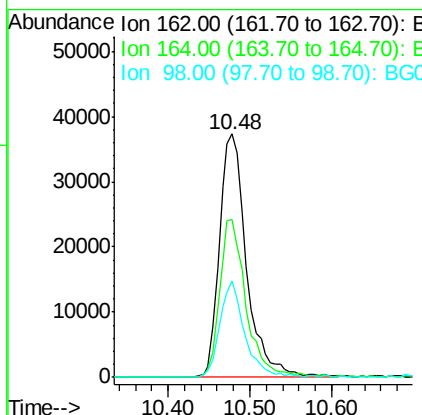
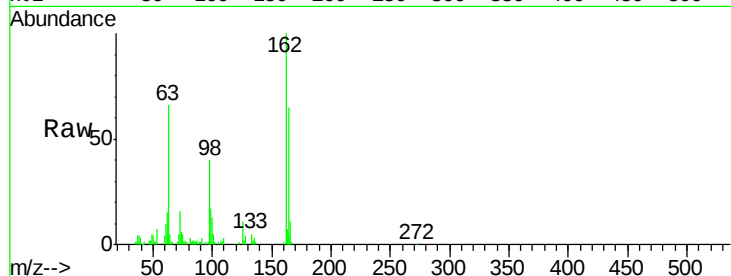




#29
 2,4-Dichlorophenol
 Concen: 49.106 ng
 RT: 10.48 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: BG036057.D
 Acq: 2 Aug 2018 12:47

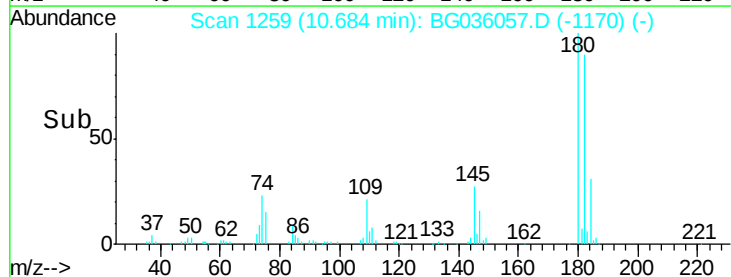
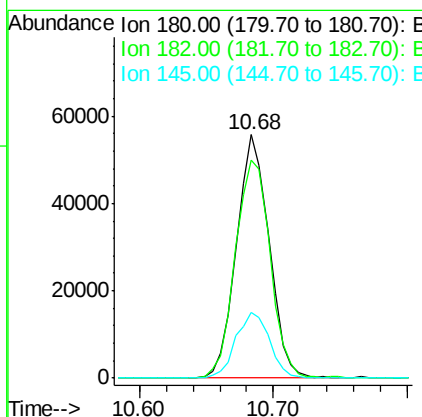
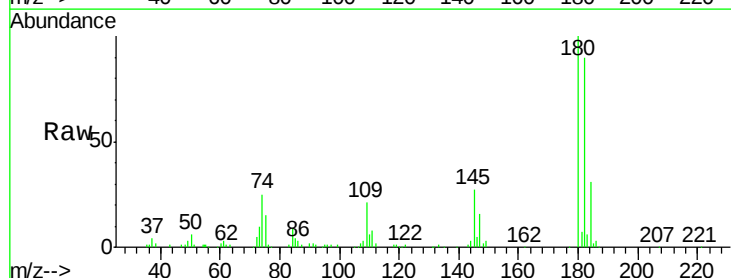
Instrument :
 BNA_G
 ClientSampleId :
 PB111684BSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.9	48.0	88.0
98	39.7	21.1	61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 43.586 ng
 RT: 10.68 min Scan# 1259
 Delta R.T. -0.01 min
 Lab File: BG036057.D
 Acq: 2 Aug 2018 12:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	89.6	77.5	116.3
145	27.2	23.4	35.2

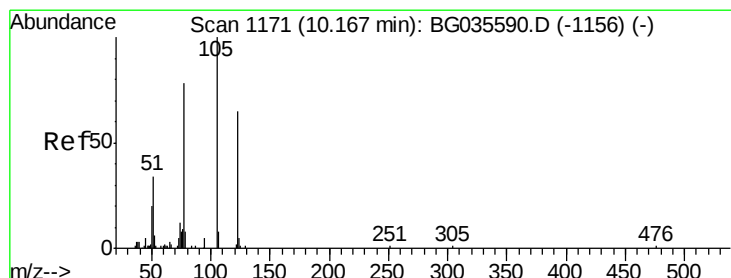
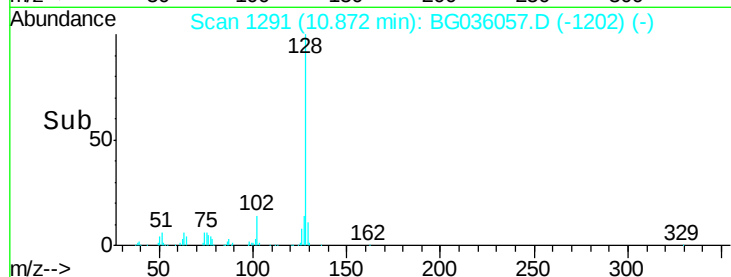
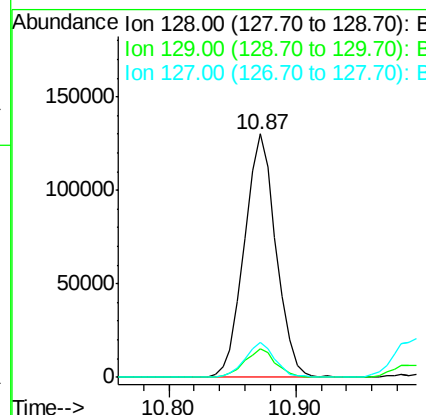
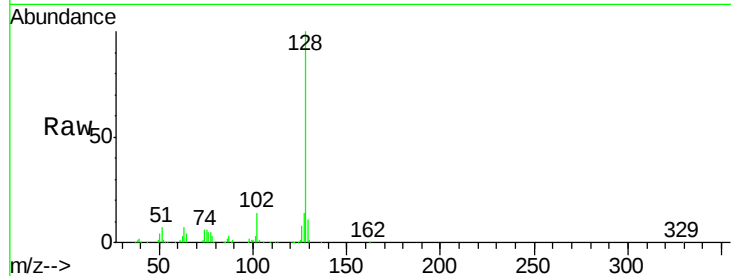




#31
Naphthalene
Concen: 40.631 ng
RT: 10.87 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BG036057.D
Acq: 2 Aug 2018 12:47

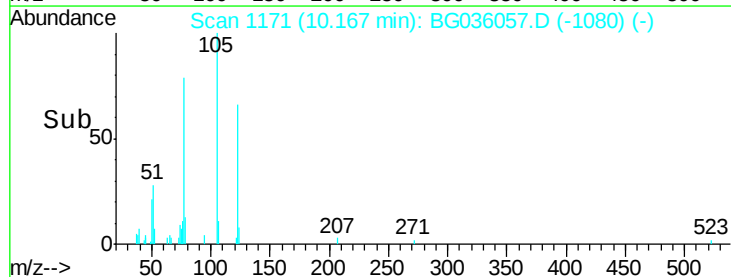
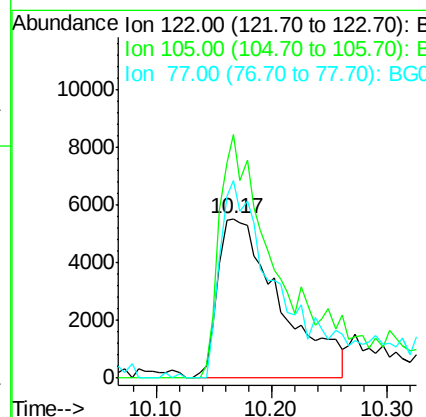
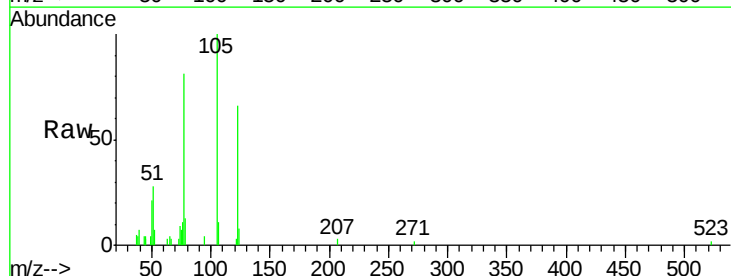
Instrument :
BNA_G
ClientSampleId :
PB111684BSD

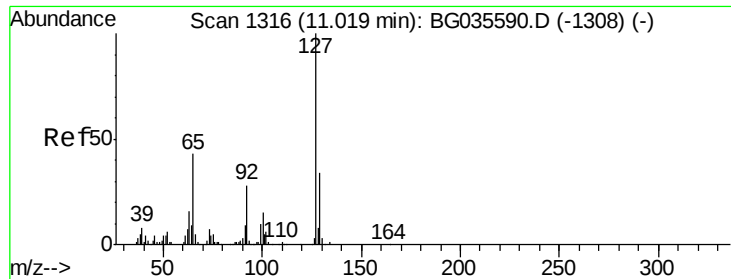
Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.6	12.8
127	14.1	11.6	17.4



#32
Benzoic acid
Concen: 19.892 ng
RT: 10.17 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BG036057.D
Acq: 2 Aug 2018 12:47

Tgt Ion	Ratio	Lower	Upper
122	100		
105	152.6	123.5	163.5
77	124.1	85.7	125.7

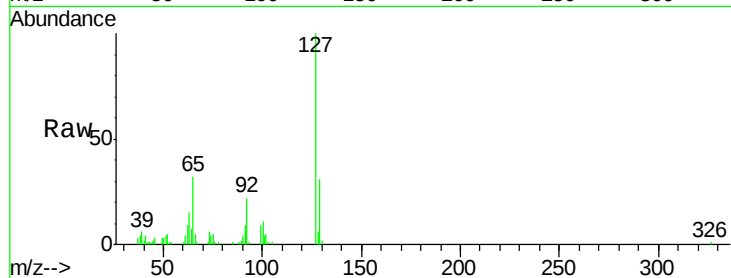




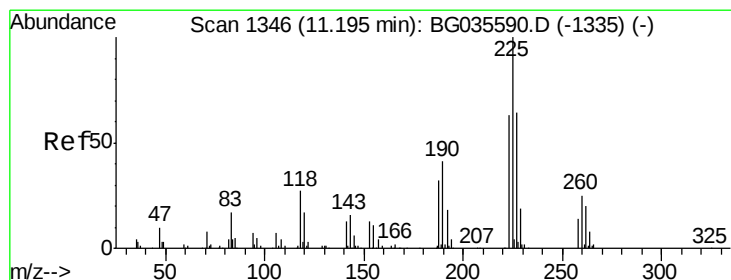
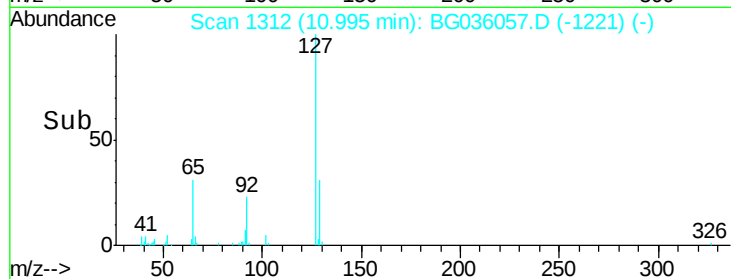
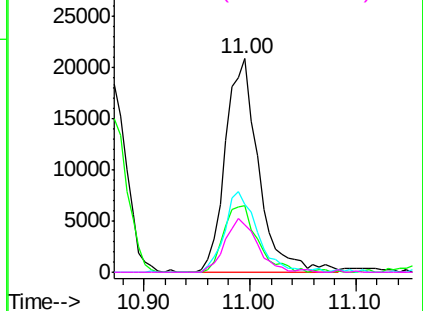
#33
4-Chloroaniline
Concen: 18.848 ng
RT: 11.00 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BG036057.D
Acq: 2 Aug 2018 12:47

Instrument :
BNA_G
ClientSampleId :
PB111684BSD

Tgt Ion:	127	Resp:	45555
Ion	Ratio	Lower	Upper
127	100		
129	31.0	24.0	36.0
65	31.8	27.0	40.4
92	22.4	16.6	25.0

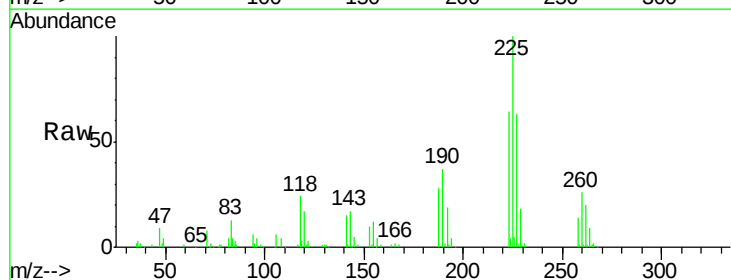


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

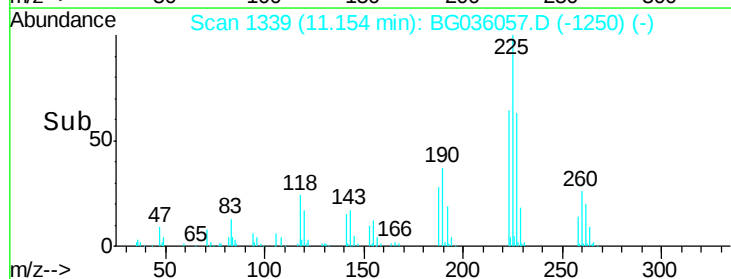
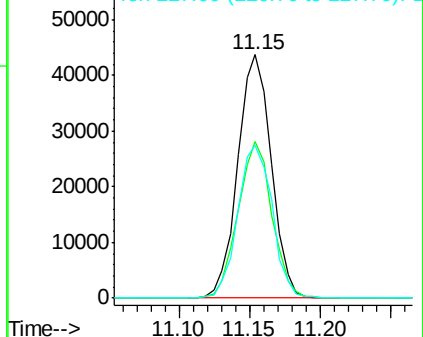


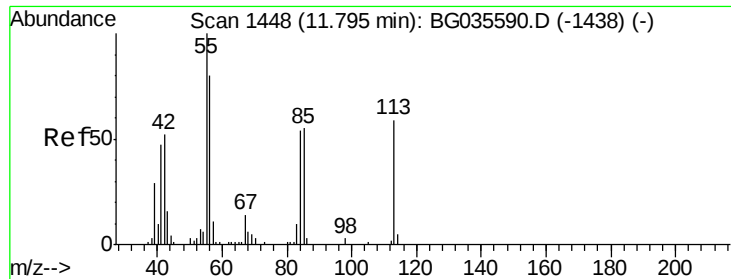
#34
Hexachlorobutadiene
Concen: 43.183 ng
RT: 11.15 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BG036057.D
Acq: 2 Aug 2018 12:47

Tgt Ion:	225	Resp:	72619
Ion	Ratio	Lower	Upper
225	100		
223	64.4	49.7	74.5
227	63.0	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: 26.742 ng

RT: 11.76 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BG036057.D

Acq: 2 Aug 2018 12:47

Instrument :

BNA_G

ClientSampleId :

PB111684BSD

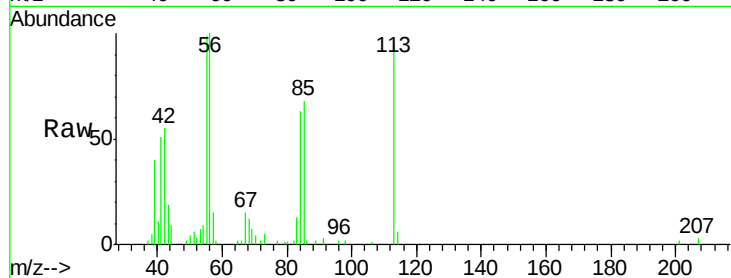
Tgt Ion:113 Resp: 20183

Ion Ratio Lower Upper

113 100

55 105.0 186.9 226.9#

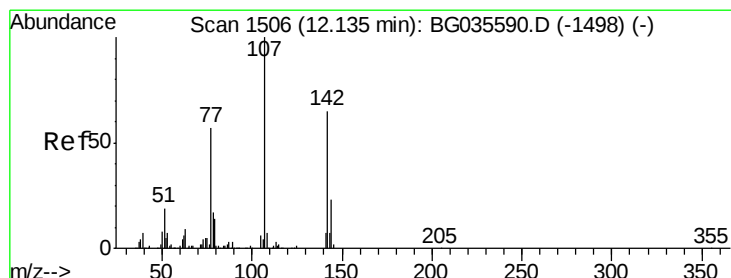
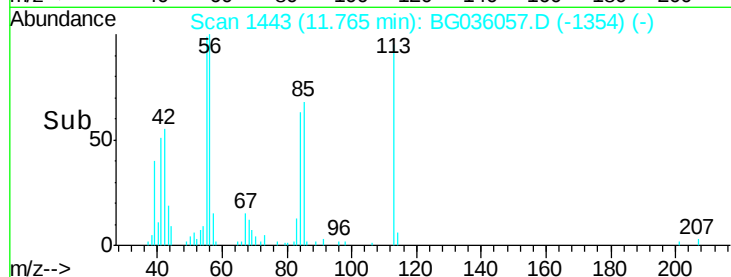
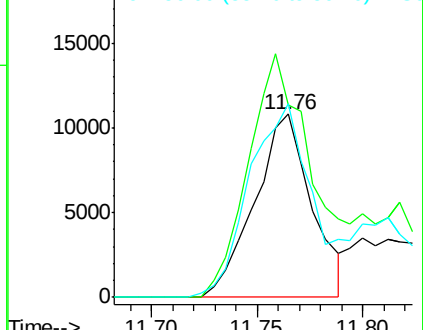
56 105.7 130.9 170.9#



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: 46.394 ng

RT: 12.11 min Scan# 1501

Delta R.T. -0.01 min

Lab File: BG036057.D

Acq: 2 Aug 2018 12:47

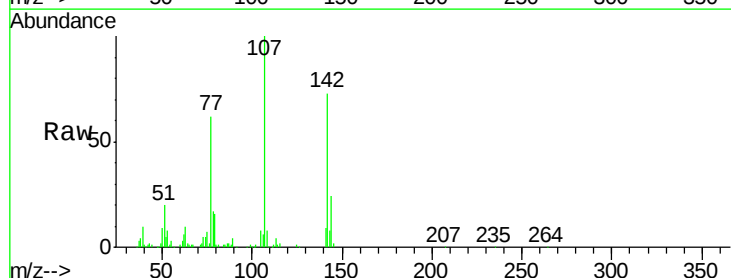
Tgt Ion:107 Resp: 109370

Ion Ratio Lower Upper

107 100

144 24.3 18.2 27.4

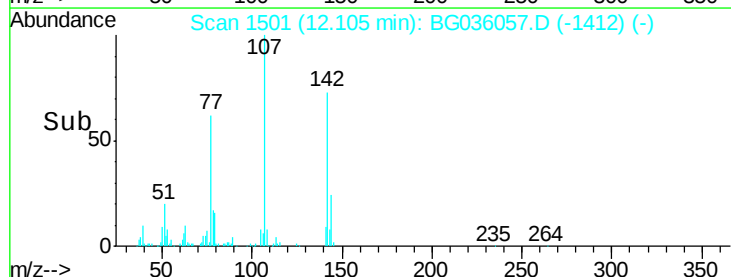
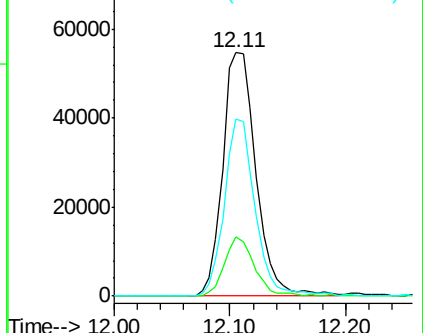
142 73.0 59.0 88.4

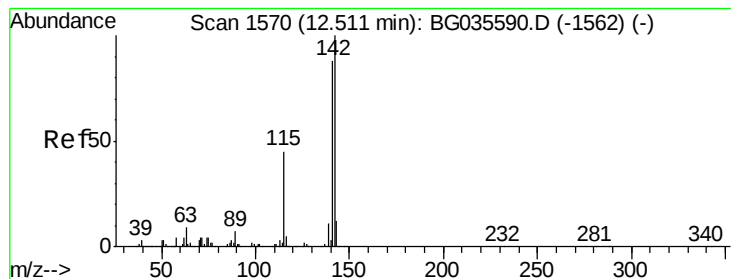


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 44.140 ng

RT: 12.48 min Scan# 1564

Delta R.T. -0.01 min

Lab File: BG036057.D

Acq: 2 Aug 2018 12:47

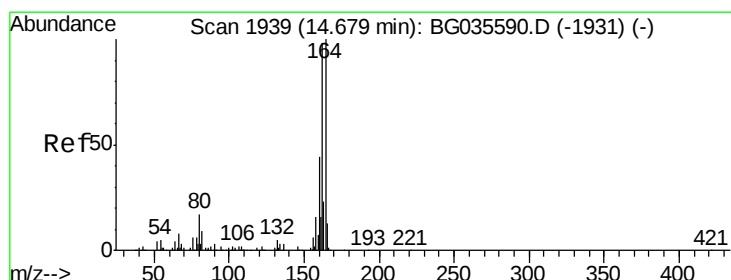
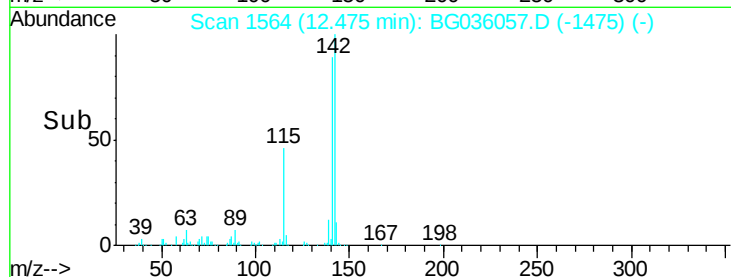
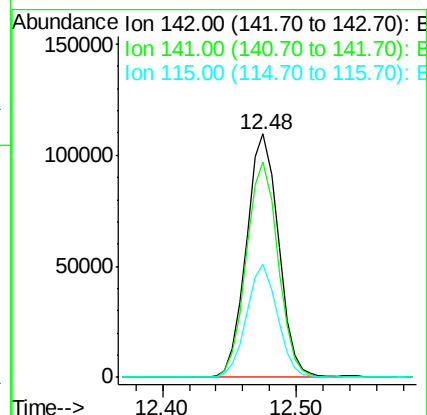
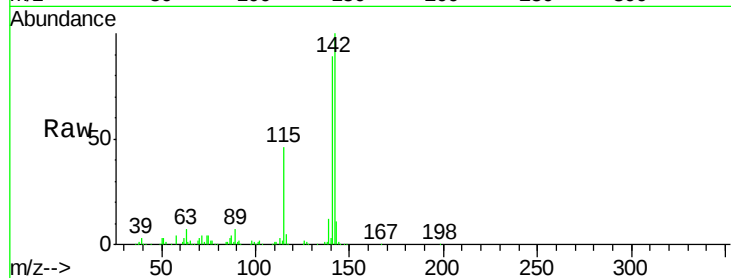
Instrument :

BNA_G

ClientSampleId :

PB111684BSD

Tgt Ion:	142	Resp:	182360
Ion Ratio		Lower	Upper
142	100		
141	88.6	67.1	100.7
115	46.4	30.7	46.1#



#38

Acenaphthene-d10

Concen: 20.000 ng

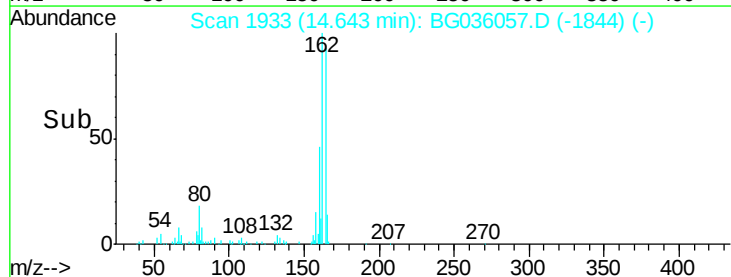
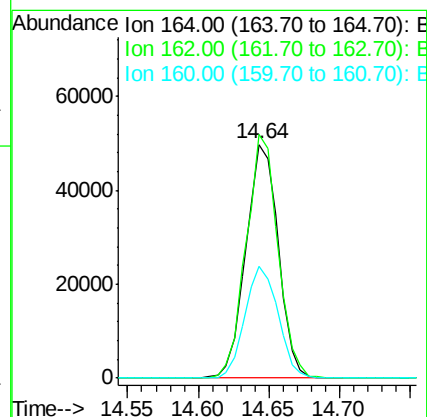
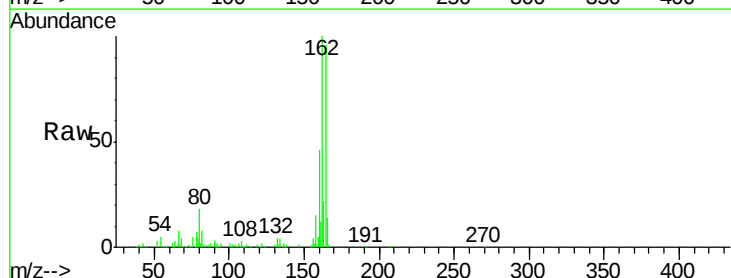
RT: 14.64 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BG036057.D

Acq: 2 Aug 2018 12:47

Tgt Ion:	164	Resp:	80255
Ion Ratio		Lower	Upper
164	100		
162	104.1	78.8	118.2
160	47.8	35.4	53.0

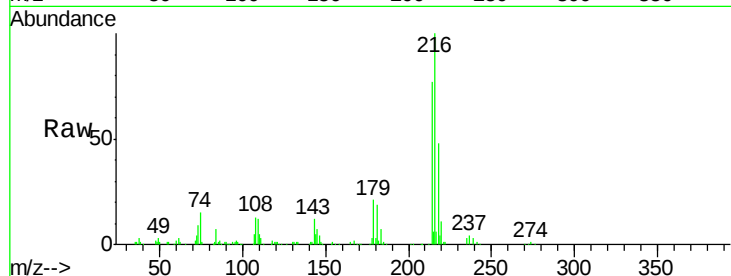




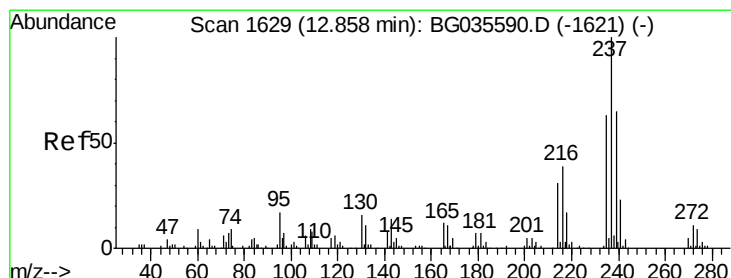
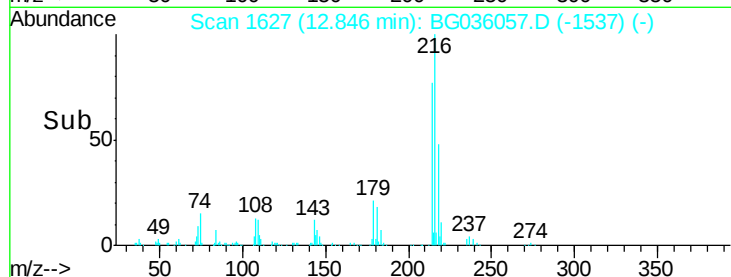
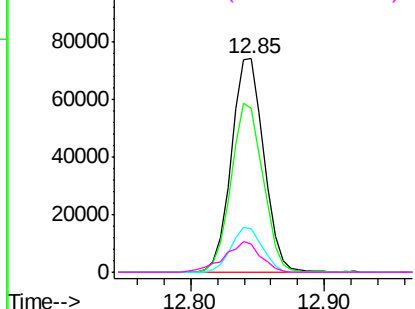
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.333 ng
 RT: 12.85 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: BG036057.D
 Acq: 2 Aug 2018 12:47

Instrument :
 BNA_G
 ClientSampleId :
 PB111684BSD

Tgt Ion:	216	Resp:	125203
Ion	Ratio	Lower	Upper
216	100		
214	78.1	63.0	94.4
179	20.5	17.0	25.6
108	16.0	12.8	19.2

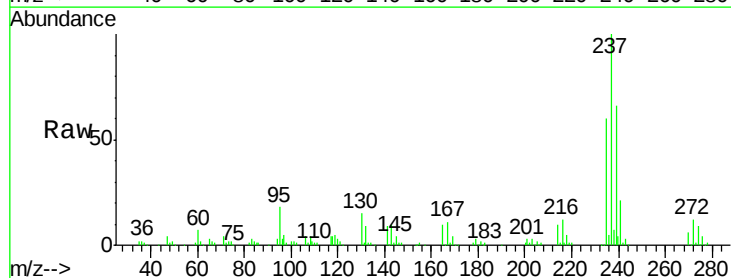


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

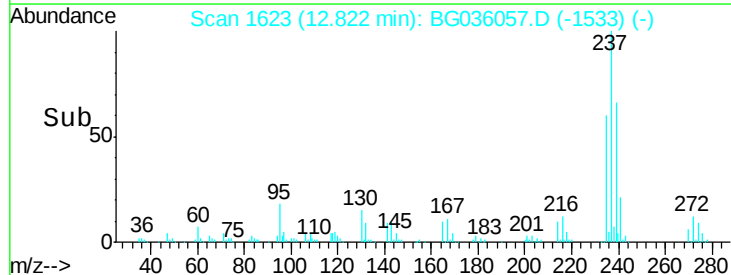
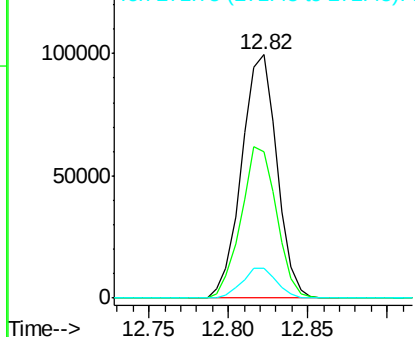


#40
 Hexachlorocyclopentadiene
 Concen: 96.667 ng
 RT: 12.82 min Scan# 1623
 Delta R.T. -0.00 min
 Lab File: BG036057.D
 Acq: 2 Aug 2018 12:47

Tgt Ion:	237	Resp:	153565
Ion	Ratio	Lower	Upper
237	100		
235	60.2	50.4	90.4
272	12.5	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

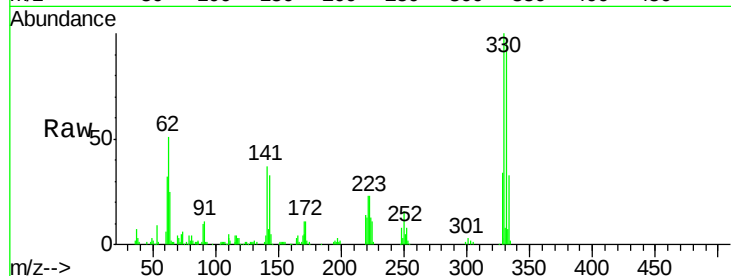




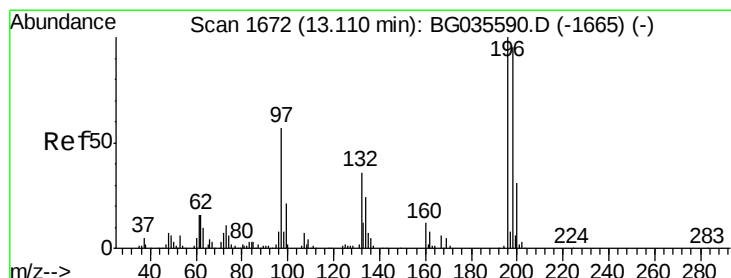
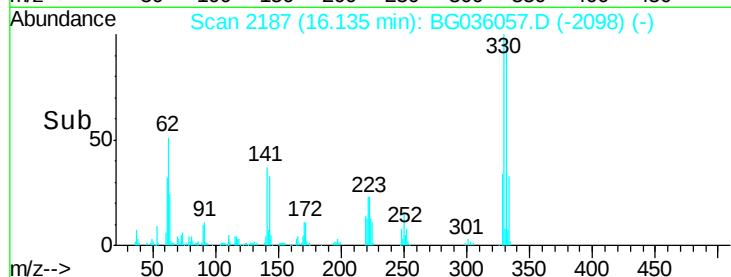
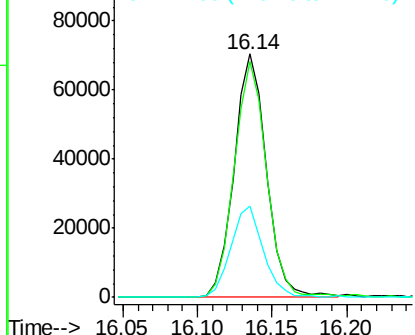
#41
 2,4,6-Tribromophenol
 Concen: 100.159 ng
 RT: 16.14 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BG036057.D
 Acq: 2 Aug 2018 12:47

Instrument :
 BNA_G
 ClientSampleId :
 PB111684BSD

Tgt Ion:330 Resp: 105949
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.0 115.6
 141 37.8 25.2 37.8#

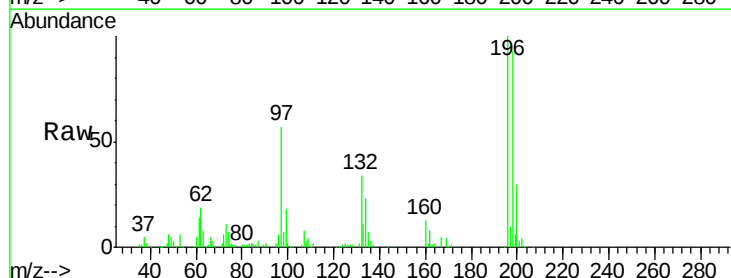


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

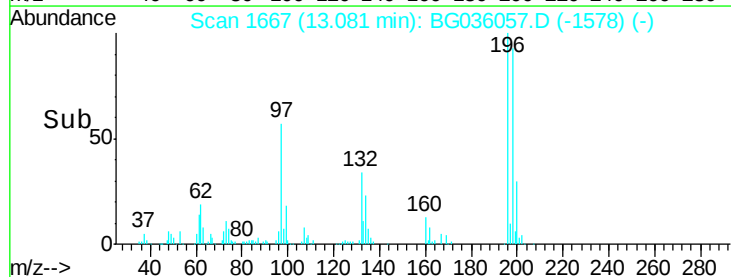
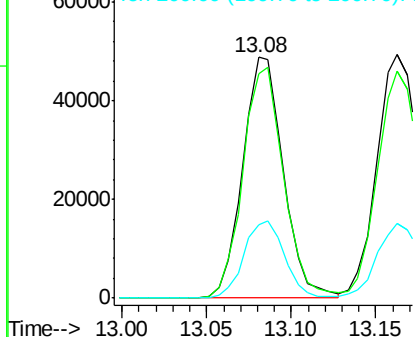


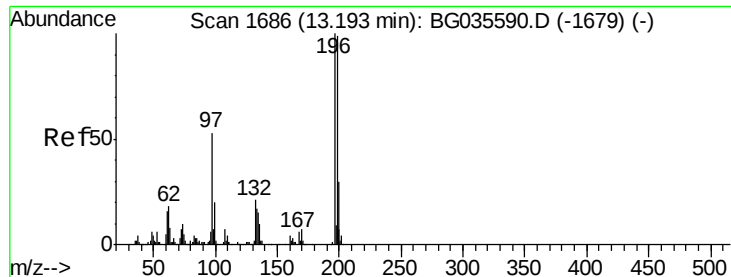
#42
 2,4,6-Trichlorophenol
 Concen: 46.146 ng
 RT: 13.08 min Scan# 1667
 Delta R.T. -0.01 min
 Lab File: BG036057.D
 Acq: 2 Aug 2018 12:47

Tgt Ion:196 Resp: 81744
 Ion Ratio Lower Upper
 196 100
 198 93.5 78.2 117.2
 200 30.4 24.6 36.8



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

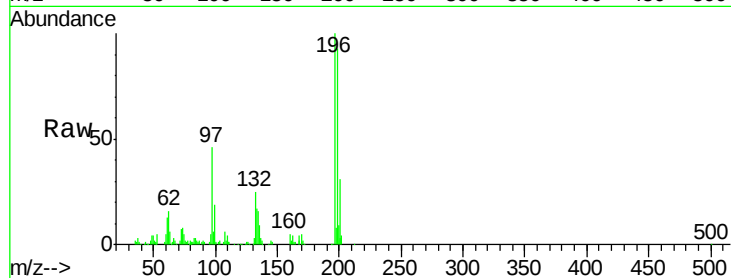




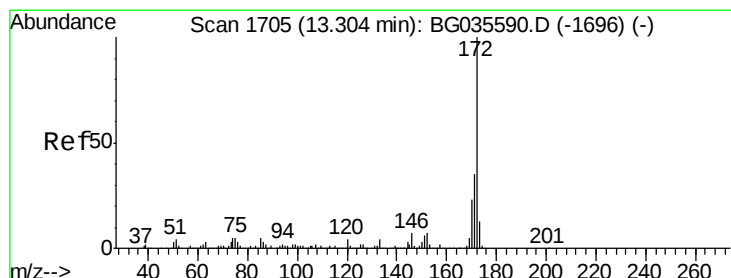
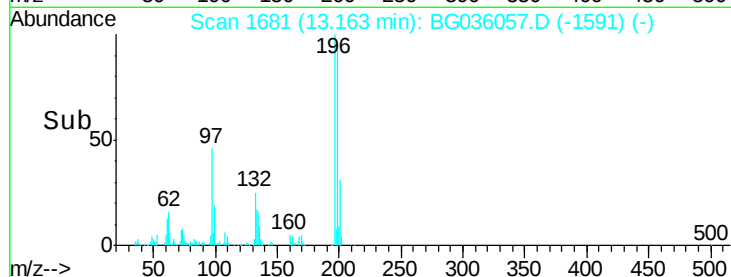
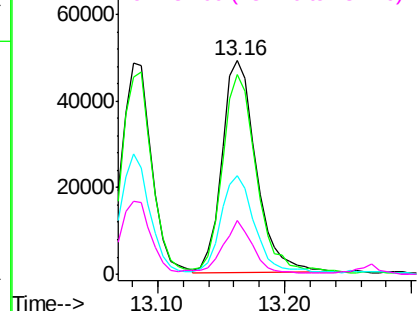
#43
 2,4,5-Trichlorophenol
 Concen: 46.361 ng
 RT: 13.16 min Scan# 1681
 Delta R.T. -0.00 min
 Lab File: BG036057.D
 Acq: 2 Aug 2018 12:47

Instrument :
 BNA_G
 ClientSampleId :
 PB111684BSD

Tgt Ion:196 Resp: 91874
 Ion Ratio Lower Upper
 196 100
 198 93.4 76.2 114.4
 97 46.4 38.7 58.1
 132 25.0 20.2 30.2

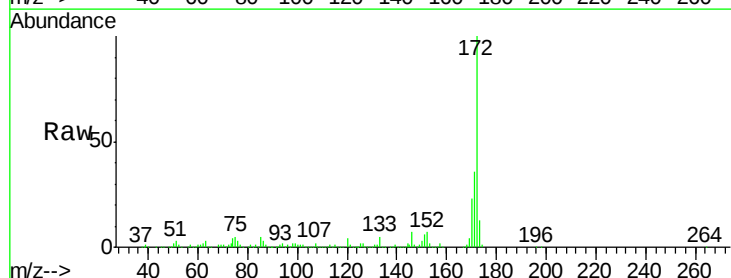


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

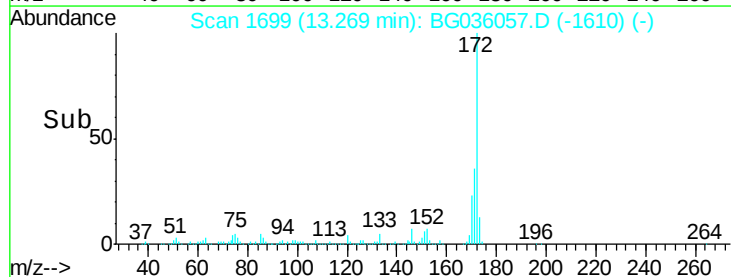
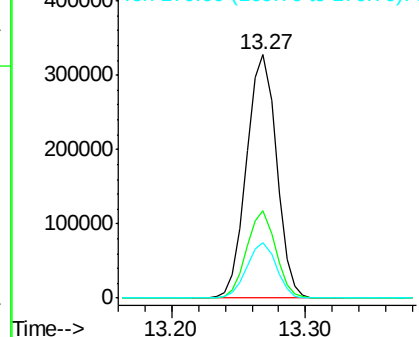


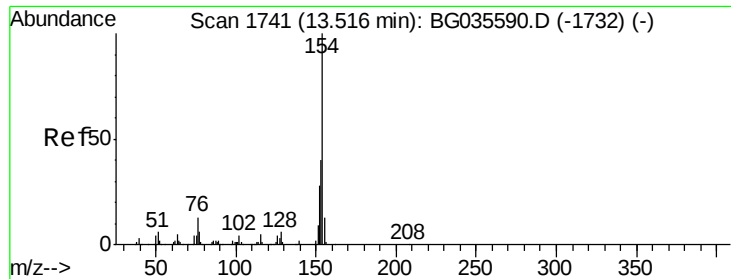
#44
 2-Fluorobiphenyl
 Concen: 84.743 ng
 RT: 13.27 min Scan# 1699
 Delta R.T. -0.01 min
 Lab File: BG036057.D
 Acq: 2 Aug 2018 12:47

Tgt Ion:172 Resp: 507640
 Ion Ratio Lower Upper
 172 100
 171 36.0 30.0 45.0
 170 22.7 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

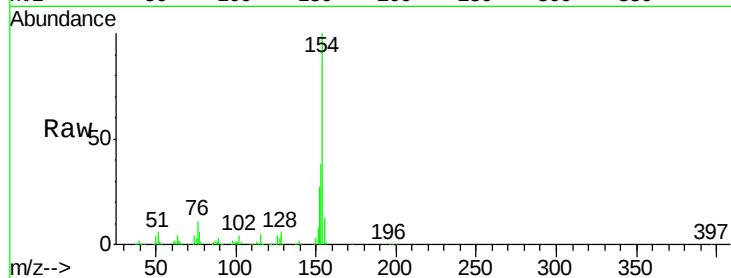




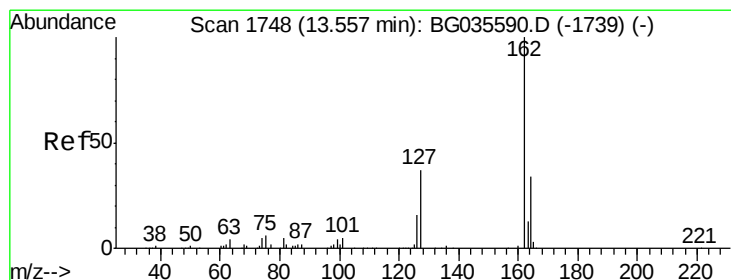
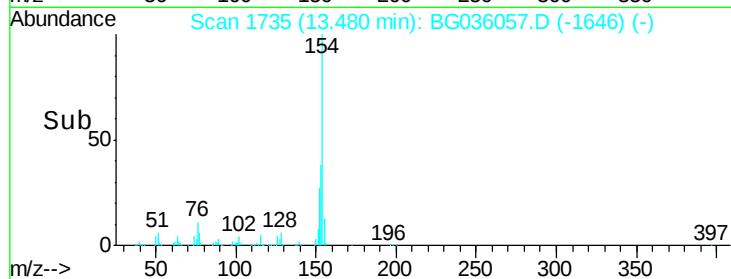
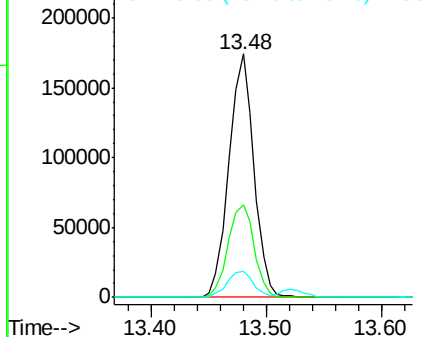
#45
 1,1'-Biphenyl
 Concen: 41.827 ng
 RT: 13.48 min Scan# 1735
 Delta R.T. -0.01 min
 Lab File: BG036057.D
 Acq: 2 Aug 2018 12:47

Instrument :
 BNA_G
 ClientSampleId :
 PB111684BSD

Tgt Ion:	154	Resp:	260255
Ion	Ratio	Lower	Upper
154	100		
153	38.3	19.8	59.8
76	10.6	0.0	31.9

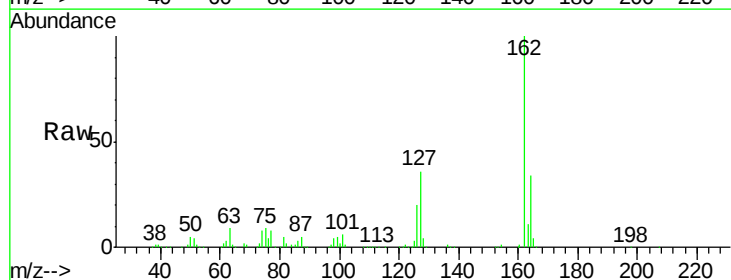


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): B

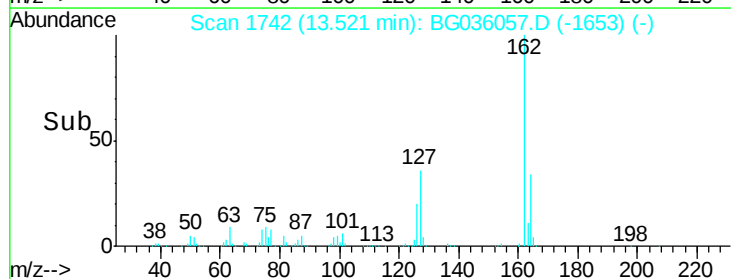
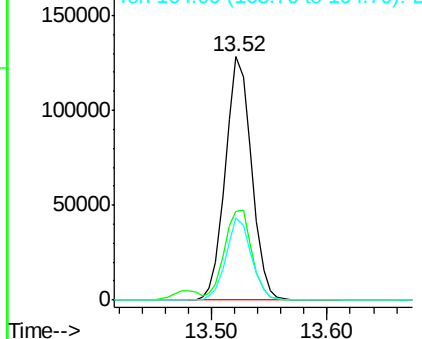


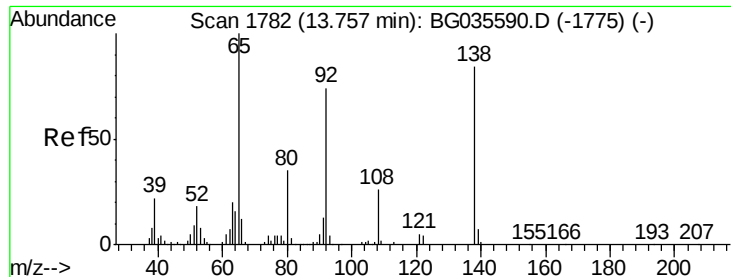
#46
 2-Chloronaphthalene
 Concen: 41.669 ng
 RT: 13.52 min Scan# 1742
 Delta R.T. -0.01 min
 Lab File: BG036057.D
 Acq: 2 Aug 2018 12:47

Tgt Ion:	162	Resp:	201672
Ion	Ratio	Lower	Upper
162	100		
127	36.2	30.7	46.1
164	33.9	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

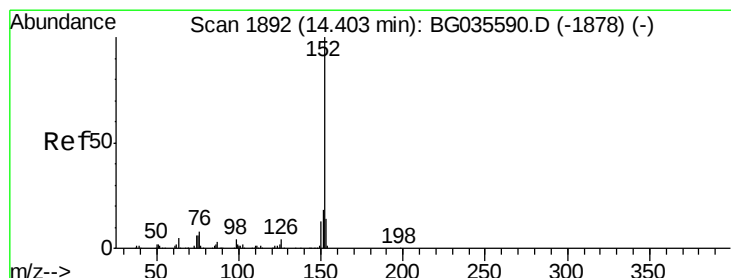
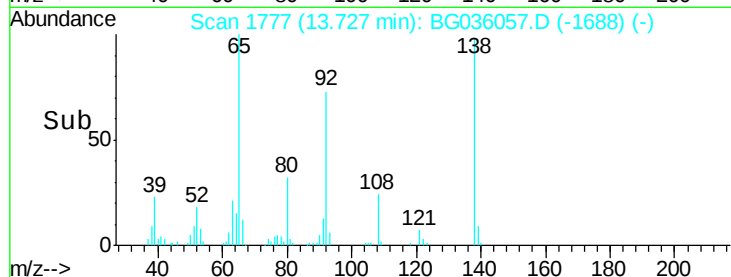
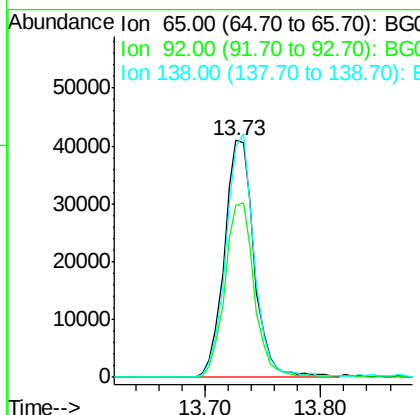
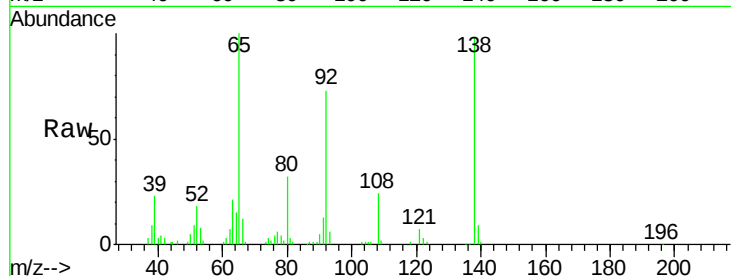




#47
2-Nitroaniline
Concen: 42.554 ng
RT: 13.73 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BG036057.D
Acq: 2 Aug 2018 12:47

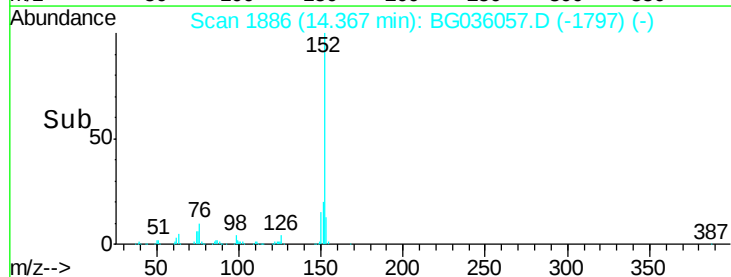
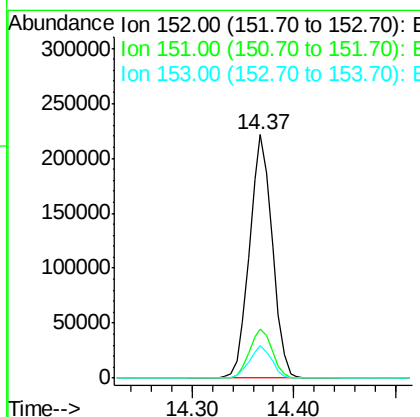
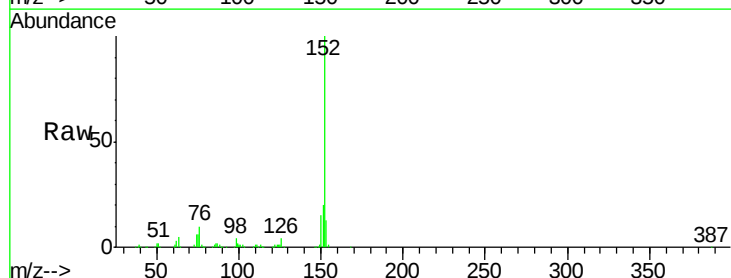
Instrument :
BNA_G
ClientSampleId :
PB111684BSD

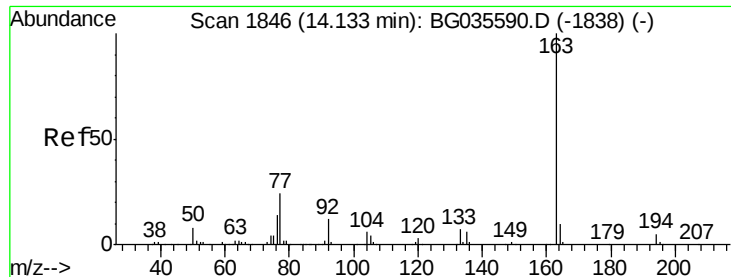
Tgt Ion: 65 Resp: 72812
Ion Ratio Lower Upper
65 100
92 72.6 54.6 82.0
138 97.6 72.9 109.3



#48
Acenaphthylene
Concen: 42.494 ng
RT: 14.37 min Scan# 1886
Delta R.T. -0.01 min
Lab File: BG036057.D
Acq: 2 Aug 2018 12:47

Tgt Ion: 152 Resp: 344507
Ion Ratio Lower Upper
152 100
151 20.2 17.2 25.8
153 13.3 10.2 15.4





#49

Dimethylphthalate

Concen: 41.495 ng

RT: 14.10 min Scan# 1841

Delta R.T. -0.00 min

Lab File: BG036057.D

Acq: 2 Aug 2018 12:47

Instrument :

BNA_G

ClientSampleId :

PB111684BSD

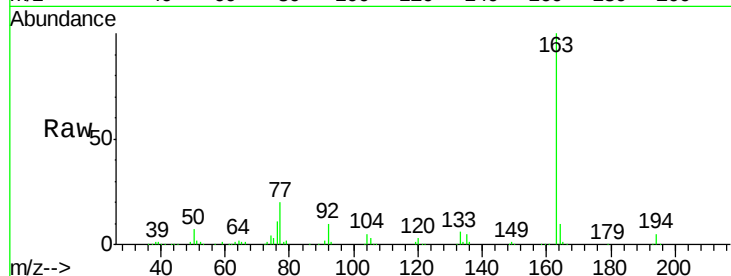
Tgt Ion:163 Resp: 291771

Ion Ratio Lower Upper

163 100

194 4.8 3.4 5.2

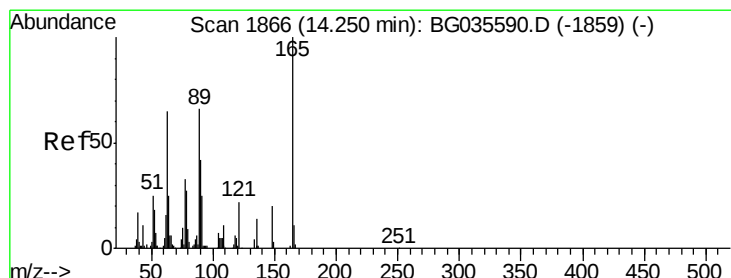
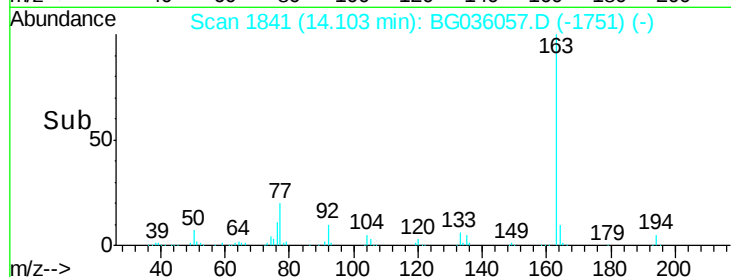
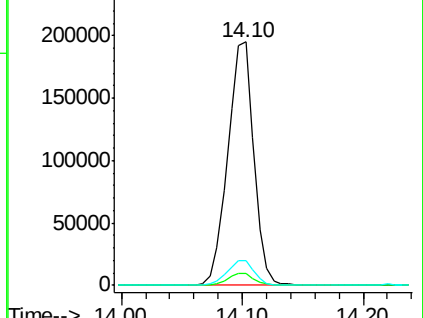
164 10.1 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 48.392 ng

RT: 14.22 min Scan# 1861

Delta R.T. -0.01 min

Lab File: BG036057.D

Acq: 2 Aug 2018 12:47

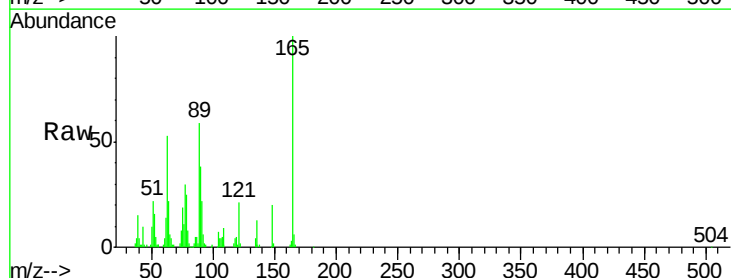
Tgt Ion:165 Resp: 69291

Ion Ratio Lower Upper

165 100

63 52.8 52.7 79.1

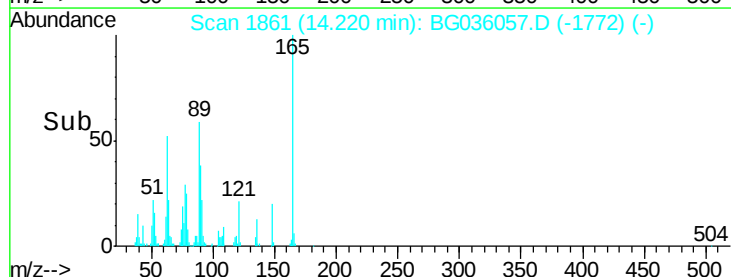
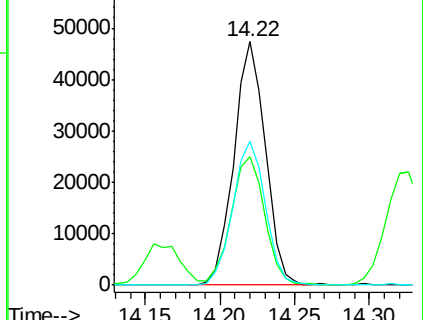
89 59.2 49.2 73.8

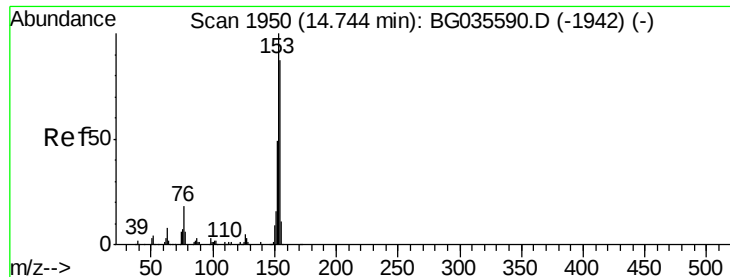


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 39.195 ng

RT: 14.71 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BG036057.D

Acq: 2 Aug 2018 12:47

Instrument :

BNA_G

ClientSampleId :

PB111684BSD

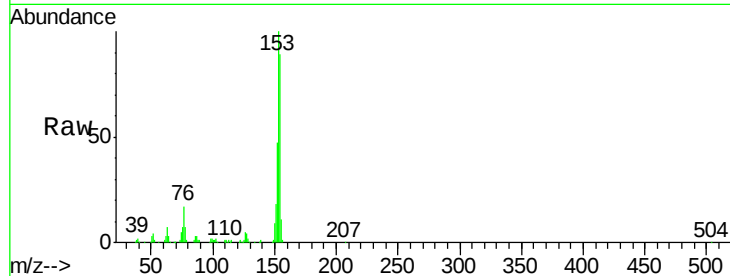
Tgt Ion:154 Resp: 197948

Ion Ratio Lower Upper

154 100

153 111.9 90.4 135.6

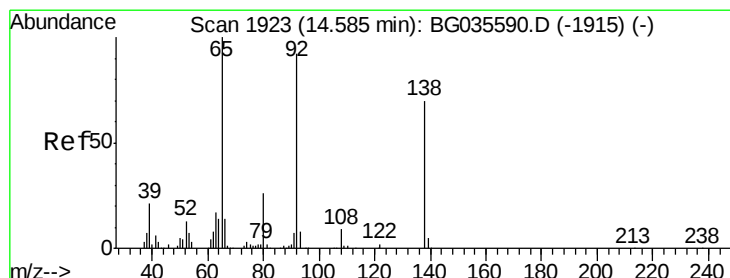
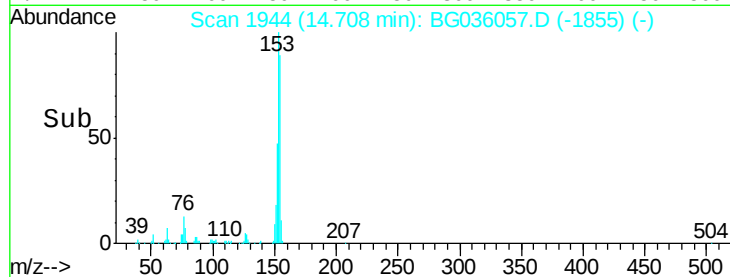
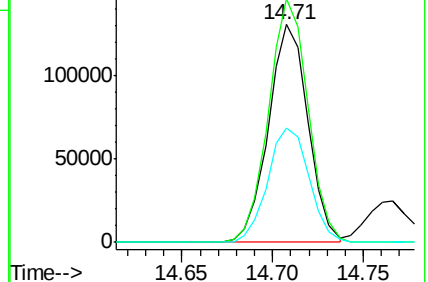
152 52.3 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 26.636 ng

RT: 14.56 min Scan# 1918

Delta R.T. -0.01 min

Lab File: BG036057.D

Acq: 2 Aug 2018 12:47

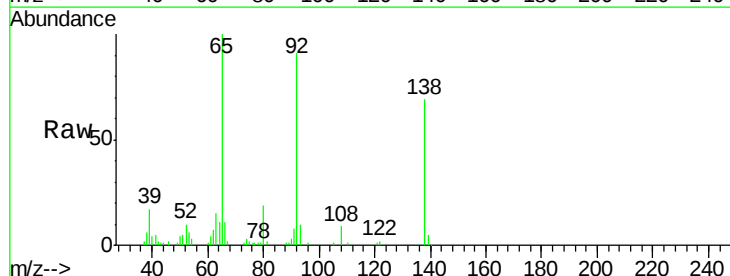
Tgt Ion:138 Resp: 38981

Ion Ratio Lower Upper

138 100

108 13.2 17.5 26.3#

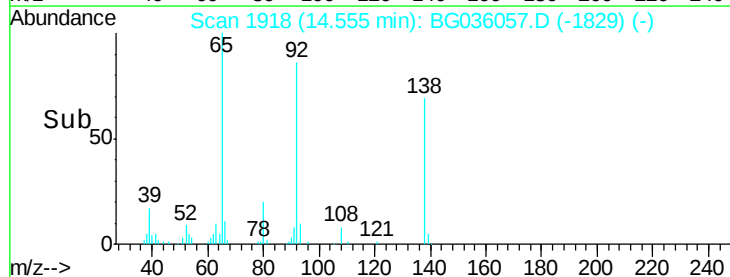
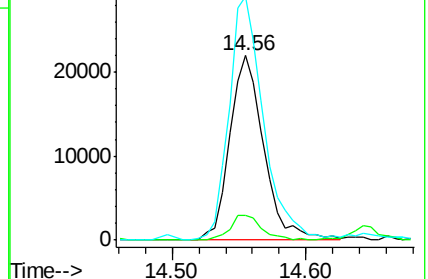
92 131.9 105.8 158.8

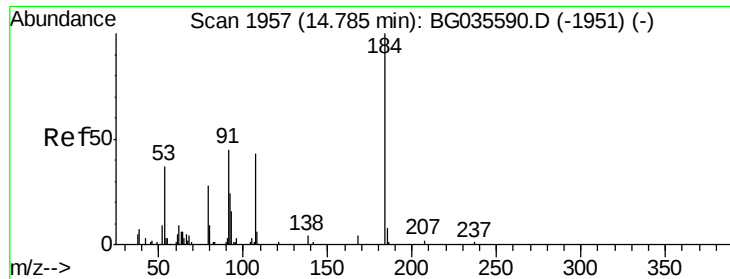


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

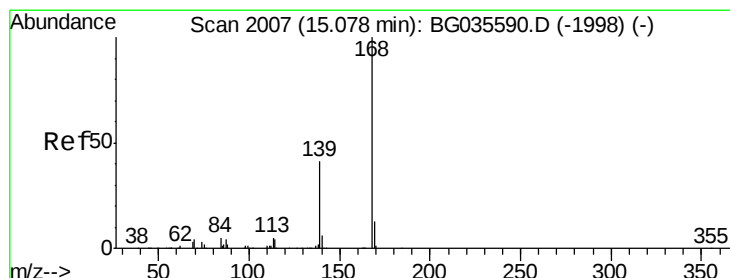
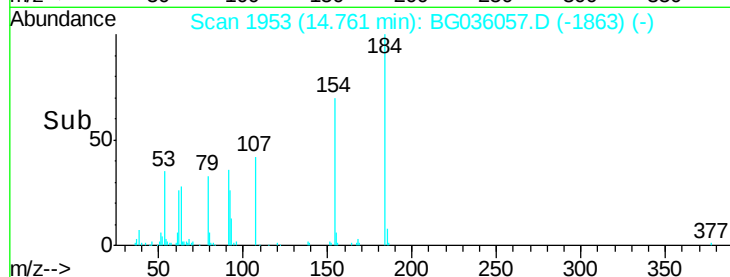
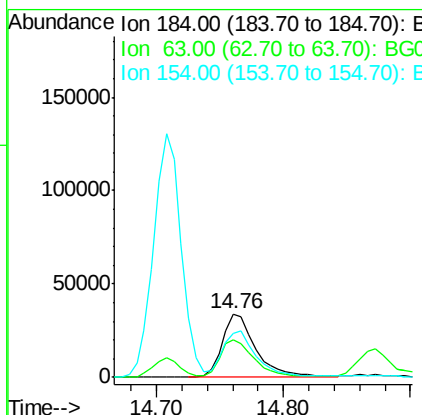
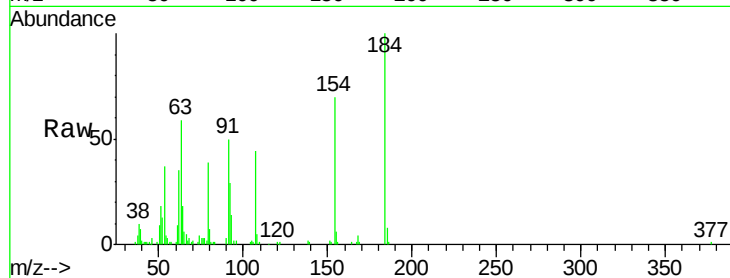




#53
2,4-Dinitrophenol
Concen: 84.564 ng
RT: 14.76 min Scan# 1953
Delta R.T. -0.00 min
Lab File: BG036057.D
Acq: 2 Aug 2018 12:47

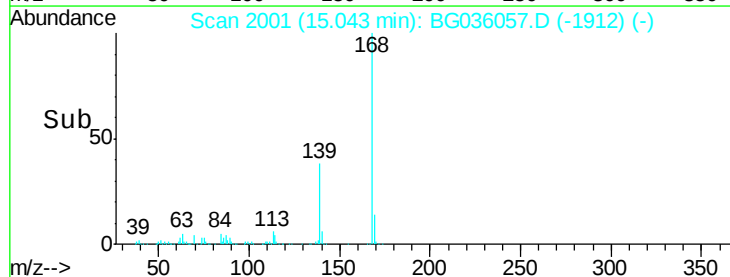
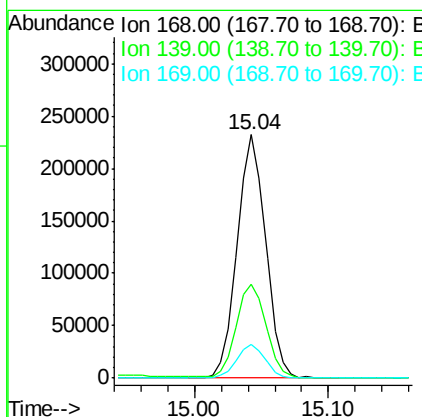
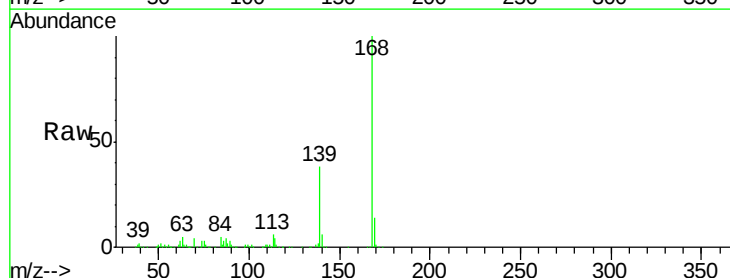
Instrument :
BNA_G
ClientSampleId :
PB111684BSD

Tgt Ion:184 Resp: 62568
Ion Ratio Lower Upper
184 100
63 59.1 59.8 89.8#
154 69.5 101.8 152.8#



#54
Dibenzofuran
Concen: 42.877 ng
RT: 15.04 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BG036057.D
Acq: 2 Aug 2018 12:47

Tgt Ion:168 Resp: 344385
Ion Ratio Lower Upper
168 100
139 38.4 28.6 43.0
169 13.9 11.2 16.8





#55

4-Nitrophenol

Concen: 84.845 ng

RT: 14.87 min Scan# 1972

Delta R.T. -0.00 min

Lab File: BG036057.D

Acq: 2 Aug 2018 12:47

Instrument :

BNA_G

ClientSampleId :

PB111684BSD

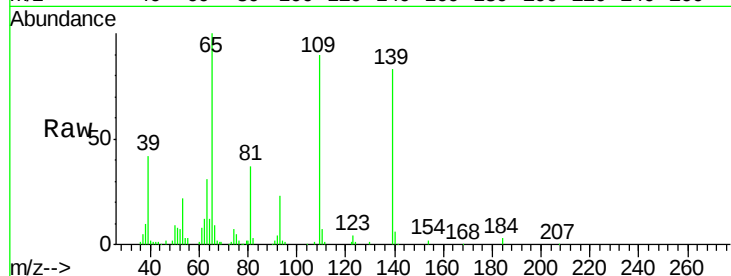
Tgt Ion:139 Resp: 88429

Ion Ratio Lower Upper

139 100

109 107.2 62.2 102.2#

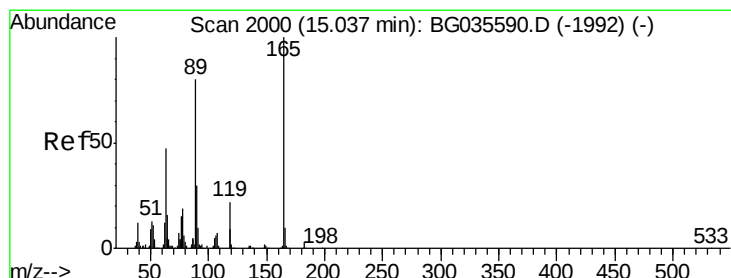
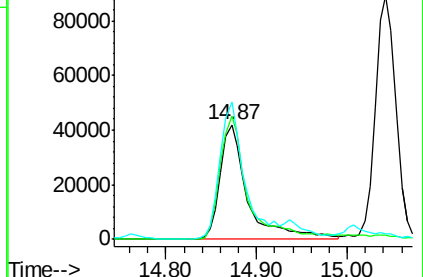
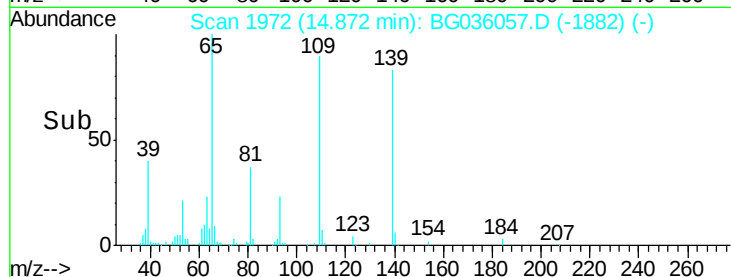
65 119.8 97.2 137.2



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 50.096 ng

RT: 15.01 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BG036057.D

Acq: 2 Aug 2018 12:47

Tgt Ion:165 Resp: 102909

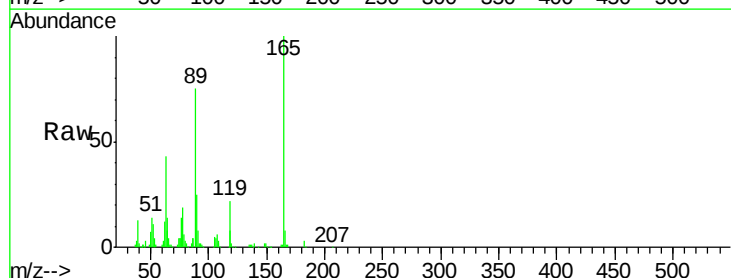
Ion Ratio Lower Upper

165 100

63 43.2 42.0 63.0

89 74.7 66.9 100.3

182 2.9 2.6 3.8

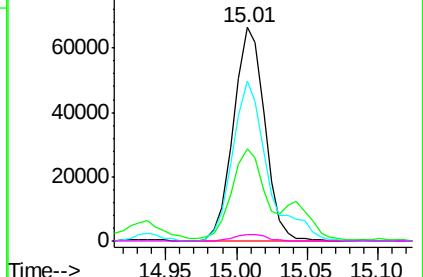
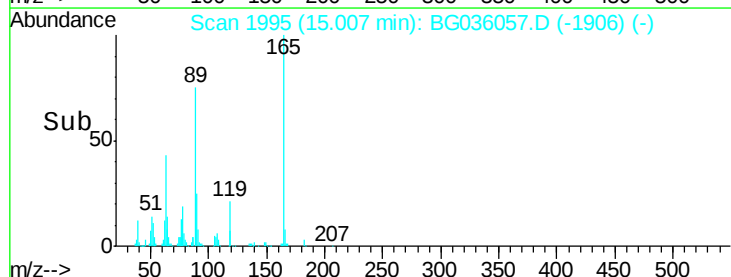


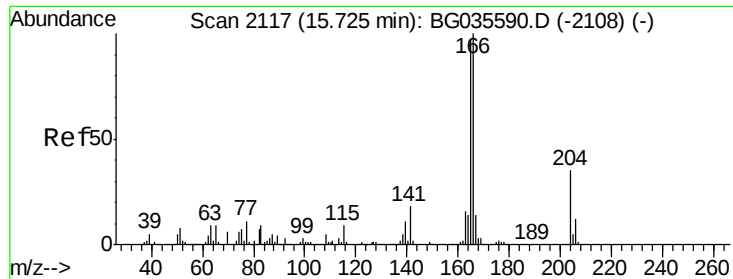
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 43.727 ng

RT: 15.69 min Scan# 2111

Delta R.T. -0.01 min

Lab File: BG036057.D

Acq: 2 Aug 2018 12:47

Instrument :

BNA_G

ClientSampleId :

PB111684BSD

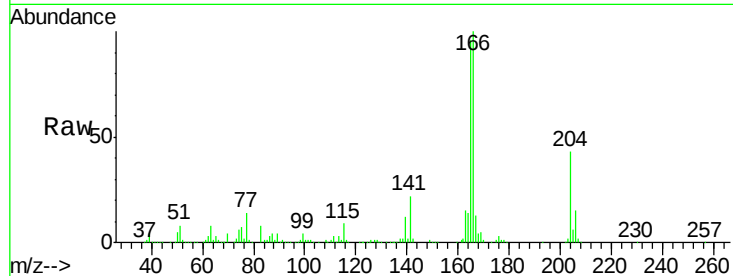
Tgt Ion:166 Resp: 294366

Ion Ratio Lower Upper

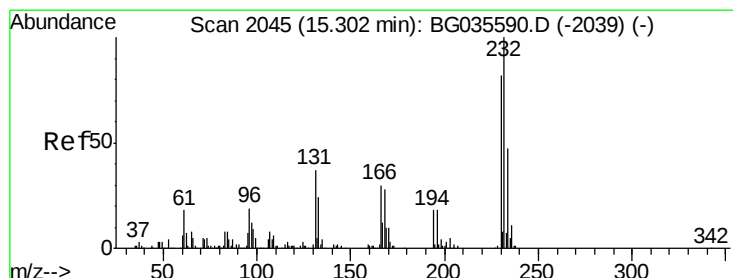
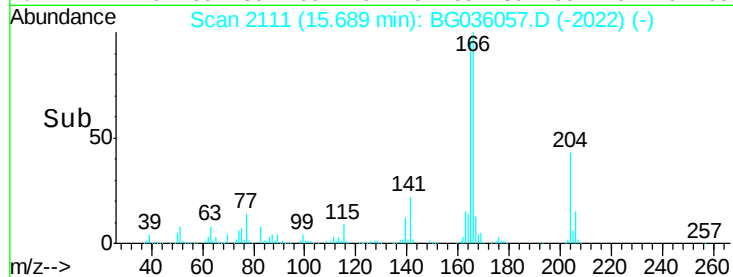
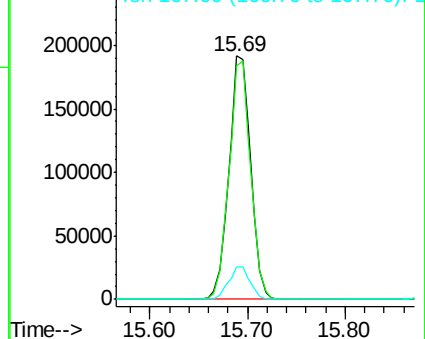
166 100

165 95.7 80.6 121.0

167 13.2 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 51.746 ng

RT: 15.27 min Scan# 2040

Delta R.T. -0.01 min

Lab File: BG036057.D

Acq: 2 Aug 2018 12:47

Tgt Ion:232 Resp: 98320

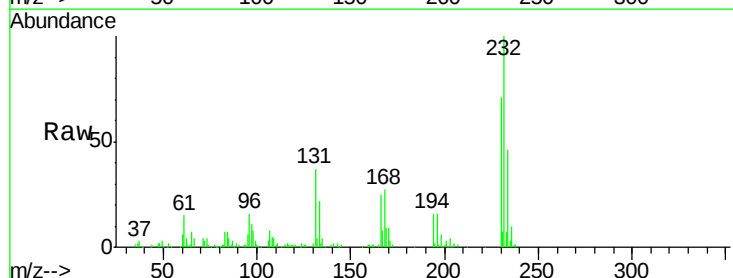
Ion Ratio Lower Upper

232 100

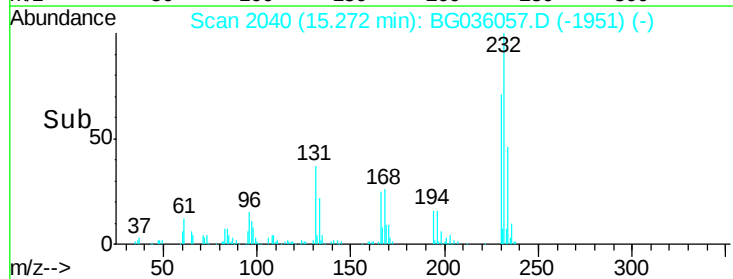
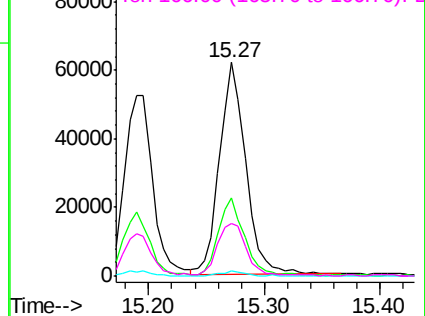
131 35.2 33.5 50.3

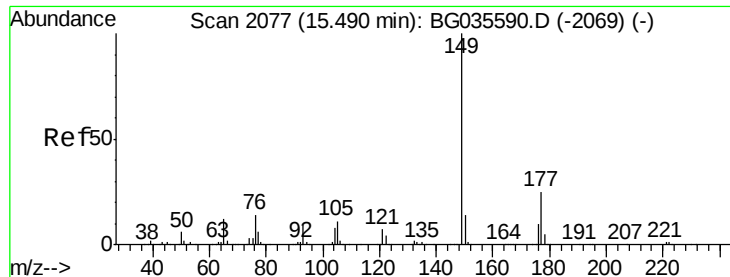
130 1.8 2.2 3.2#

166 26.3 24.8 37.2



Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

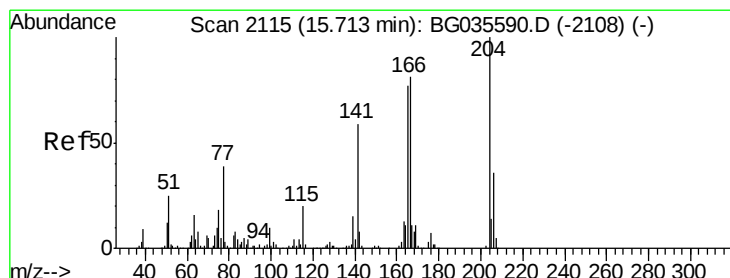
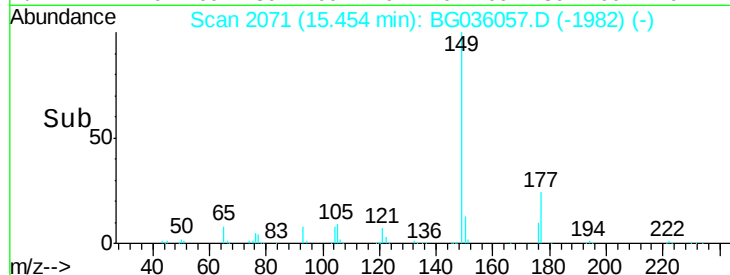
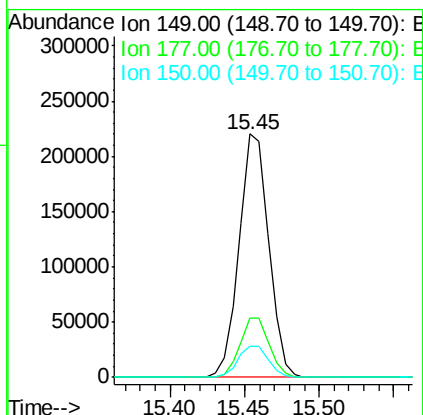
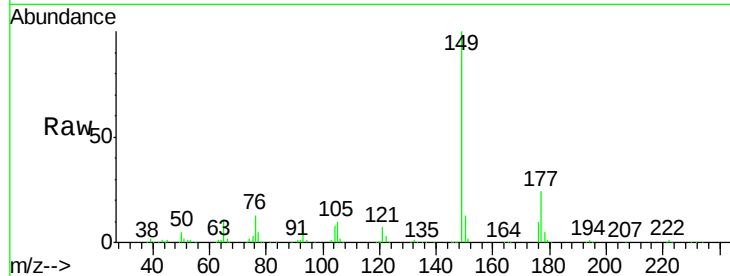




#59
Diethylphthalate
Concen: 41.878 ng
RT: 15.45 min Scan# 2071
Delta R.T. -0.01 min
Lab File: BG036057.D
Acq: 2 Aug 2018 12:47

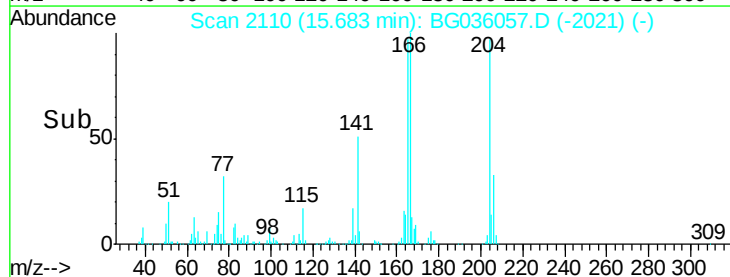
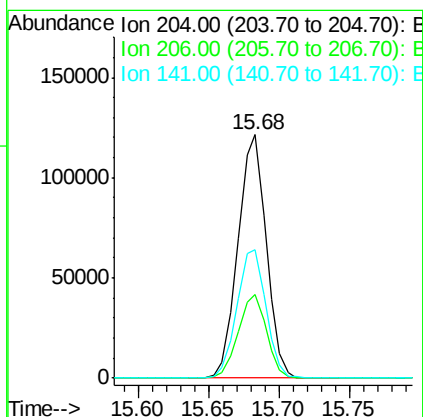
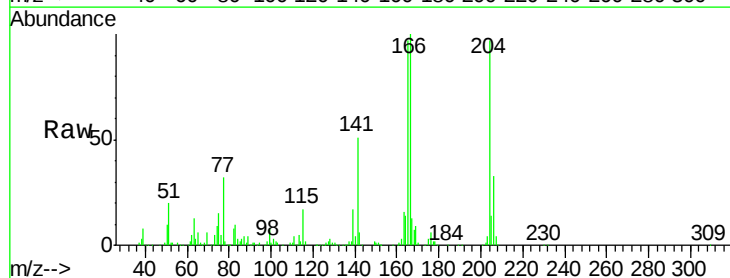
Instrument :
BNA_G
ClientSampleId :
PB111684BSD

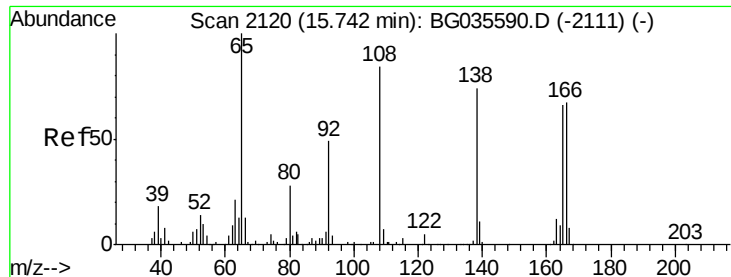
Tgt Ion:149 Resp: 302788
Ion Ratio Lower Upper
149 100
177 24.3 18.5 27.7
150 12.6 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 43.004 ng
RT: 15.68 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BG036057.D
Acq: 2 Aug 2018 12:47

Tgt Ion:204 Resp: 170150
Ion Ratio Lower Upper
204 100
206 34.4 26.2 39.2
141 52.9 45.8 68.6

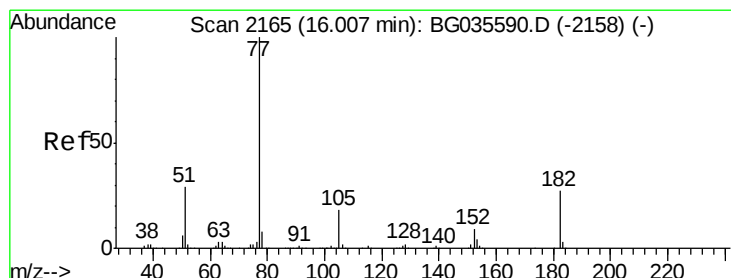
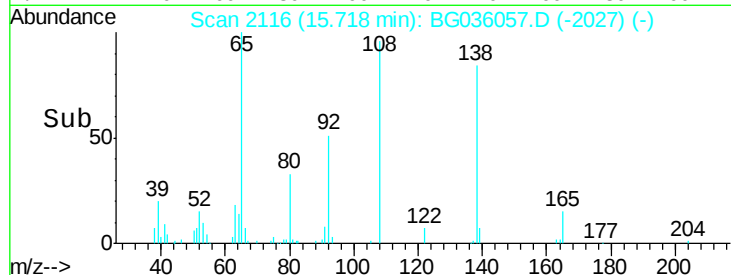
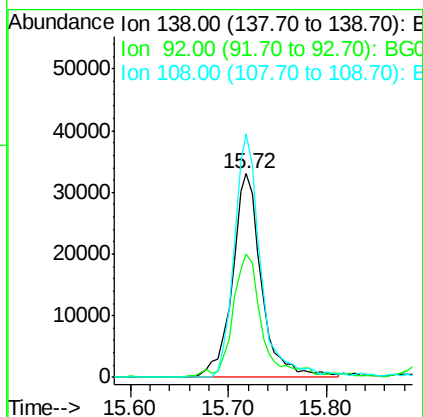
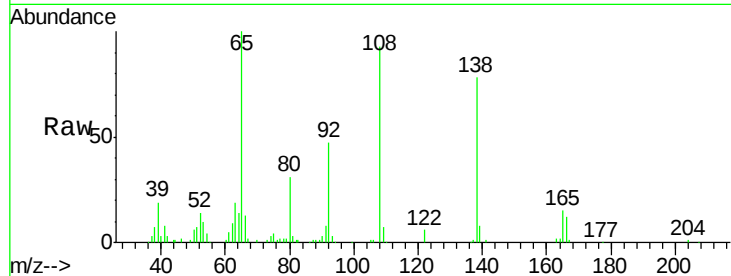




#61
4-Nitroaniline
Concen: 44.576 ng
RT: 15.72 min Scan# 2116
Delta R.T. -0.01 min
Lab File: BG036057.D
Acq: 2 Aug 2018 12:47

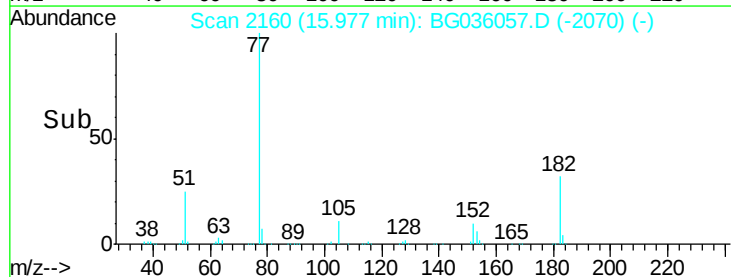
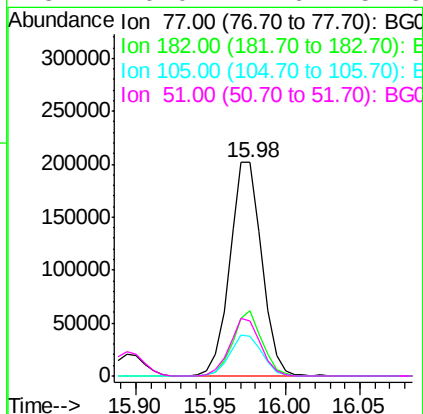
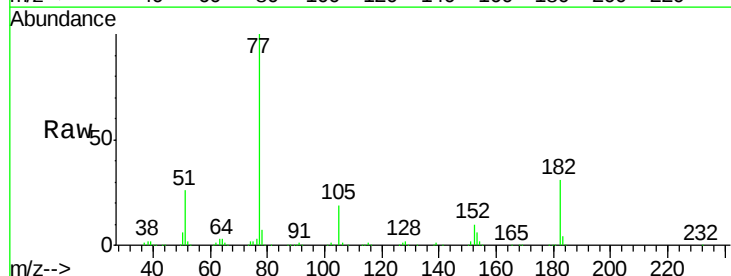
Instrument :
BNA_G
ClientSampleId :
PB111684BSD

Tgt Ion:138 Resp: 68240
Ion Ratio Lower Upper
138 100
92 60.4 40.1 80.1
108 119.5 65.4 105.4#



#62
Azobenzene
Concen: 42.078 ng
RT: 15.98 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BG036057.D
Acq: 2 Aug 2018 12:47

Tgt Ion: 77 Resp: 300090
Ion Ratio Lower Upper
77 100
182 30.7 7.4 47.4
105 18.7 0.3 40.3
51 26.0 11.6 51.6

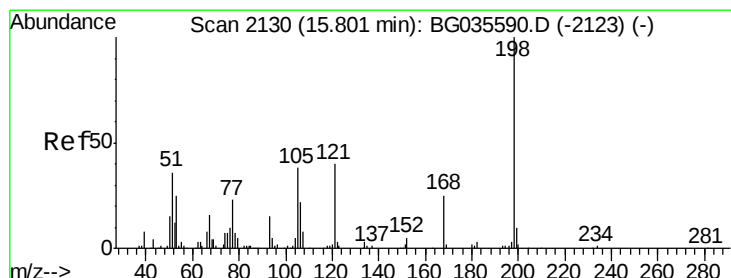
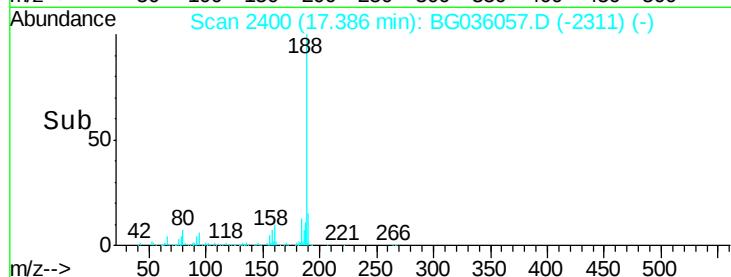
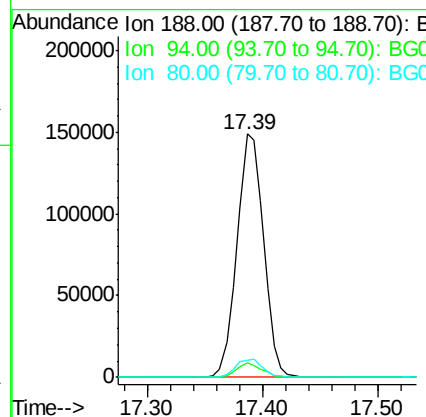
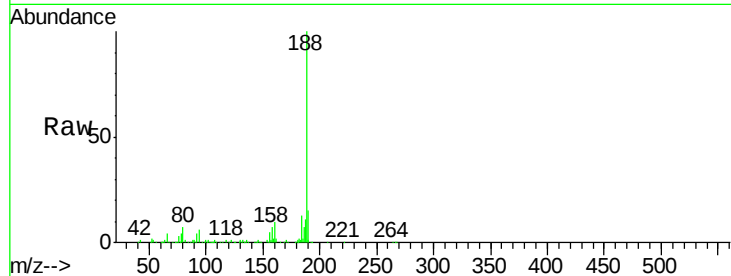




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2400
Delta R.T. -0.01 min
Lab File: BG036057.D
Acq: 2 Aug 2018 12:47

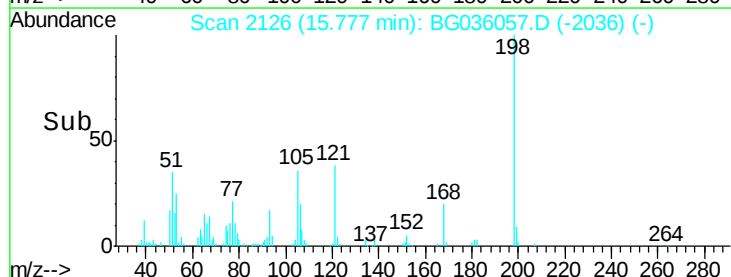
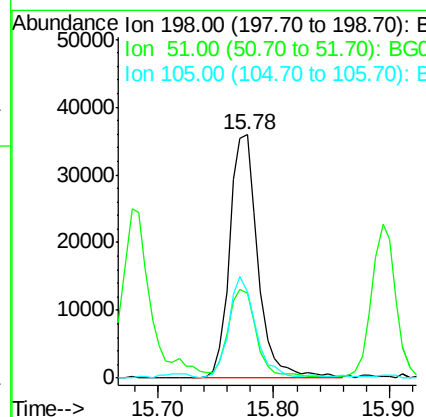
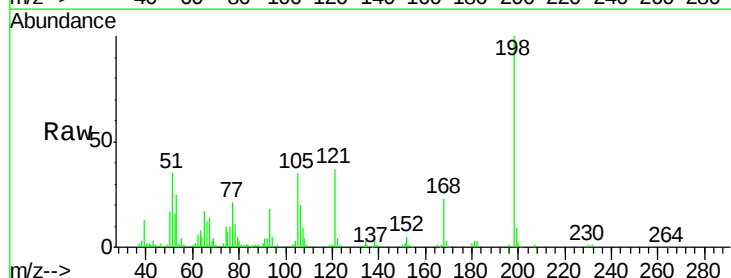
Instrument :
BNA_G
ClientSampleId :
PB111684BSD

Tgt Ion:188 Resp: 237905
Ion Ratio Lower Upper
188 100
94 6.2 6.9 10.3#
80 7.2 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 45.978 ng
RT: 15.78 min Scan# 2126
Delta R.T. -0.00 min
Lab File: BG036057.D
Acq: 2 Aug 2018 12:47

Tgt Ion:198 Resp: 60890
Ion Ratio Lower Upper
198 100
51 35.0 30.6 70.6
105 35.3 23.8 63.8





#65

n-Nitrosodiphenylamine

Concen: 40.005 ng

RT: 15.89 min Scan# 2146

Delta R.T. -0.01 min

Lab File: BG036057.D

Acq: 2 Aug 2018 12:47

Instrument :

BNA_G

ClientSampleId :

PB111684BSD

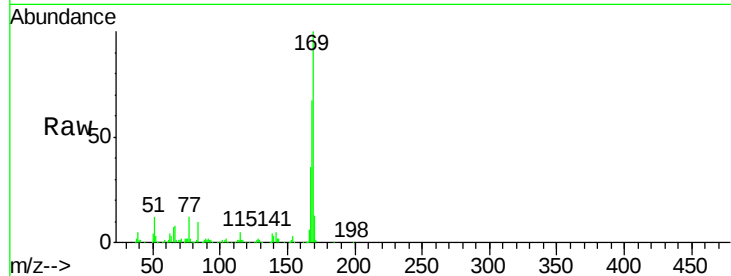
Tgt Ion:169 Resp: 270903

Ion Ratio Lower Upper

169 100

168 66.9 55.7 83.5

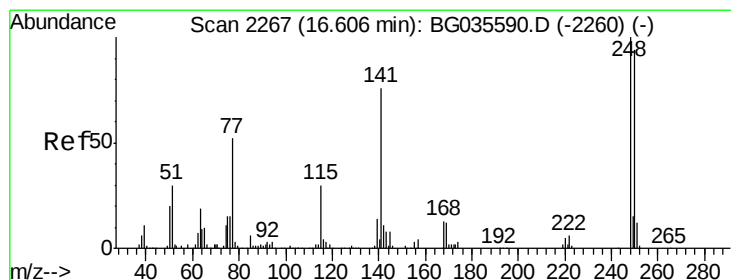
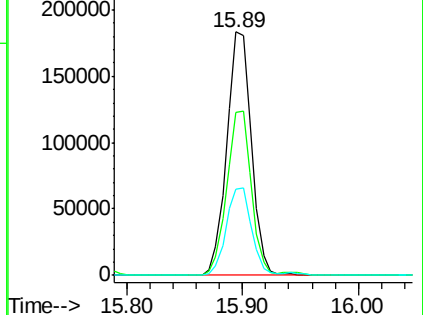
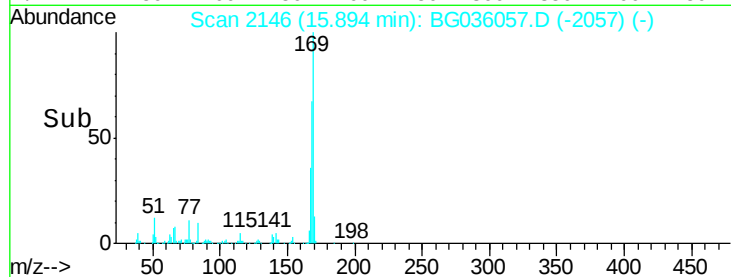
167 35.7 30.1 45.1



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 41.580 ng

RT: 16.58 min Scan# 2262

Delta R.T. -0.01 min

Lab File: BG036057.D

Acq: 2 Aug 2018 12:47

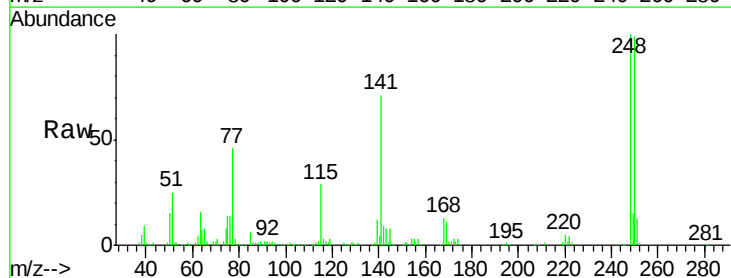
Tgt Ion:248 Resp: 114766

Ion Ratio Lower Upper

248 100

250 99.2 77.1 115.7

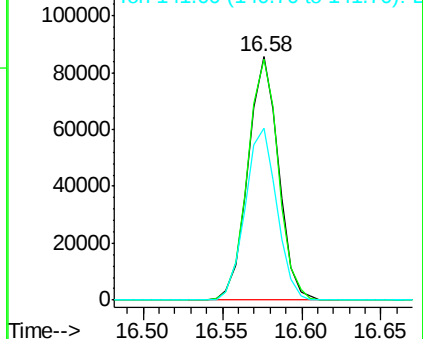
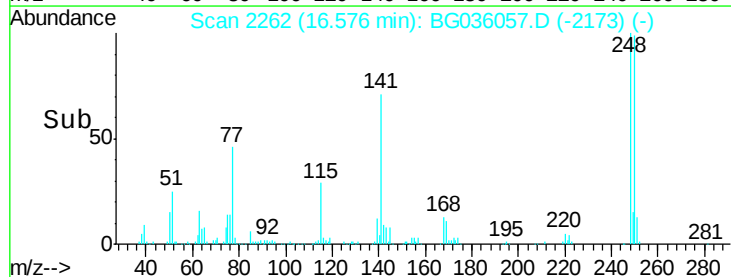
141 70.6 50.8 76.2

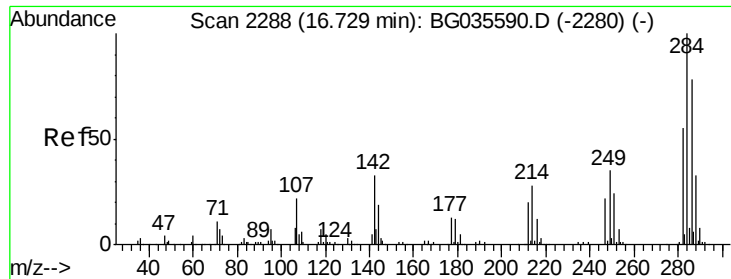


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

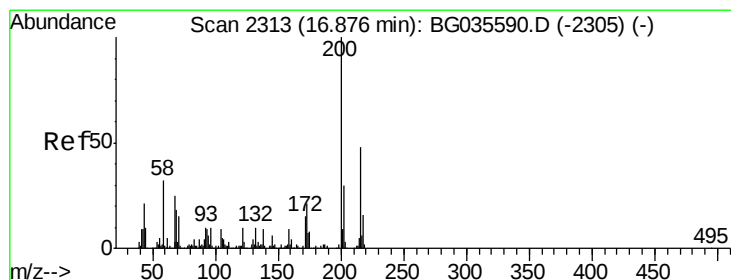
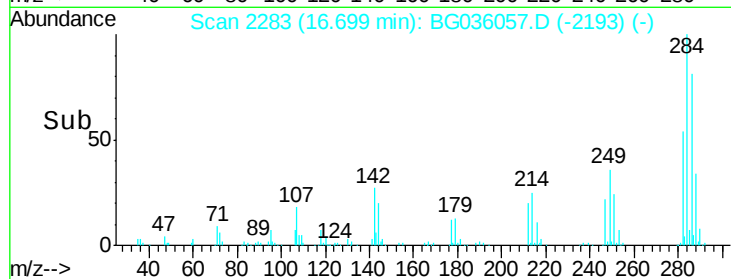
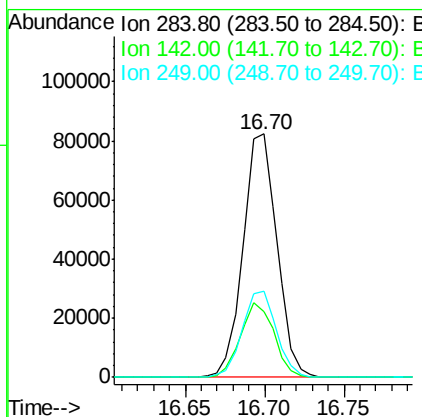
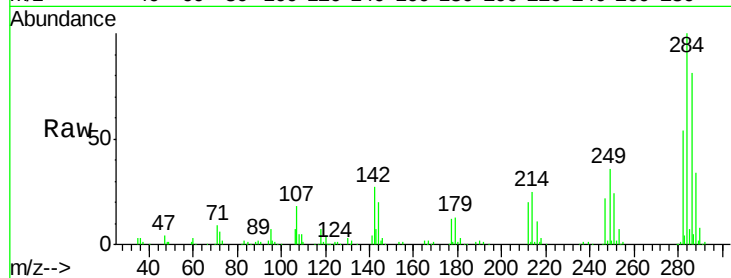




#67
Hexachlorobenzene
Concen: 42.876 ng
RT: 16.70 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BG036057.D
Acq: 2 Aug 2018 12:47

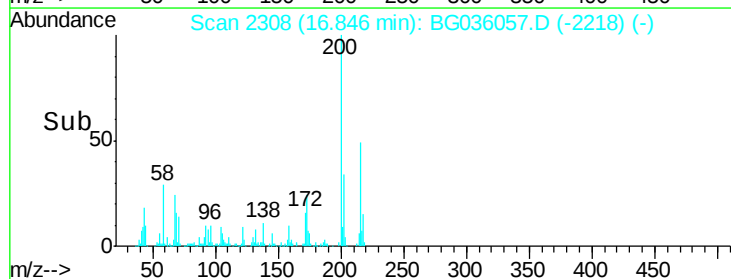
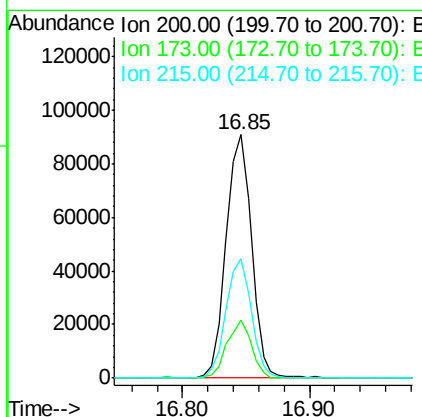
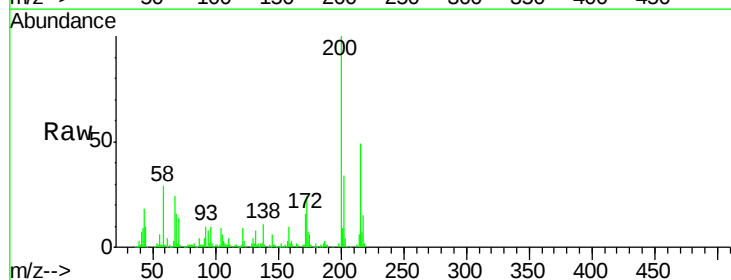
Instrument :
BNA_G
ClientSampleId :
PB111684BSD

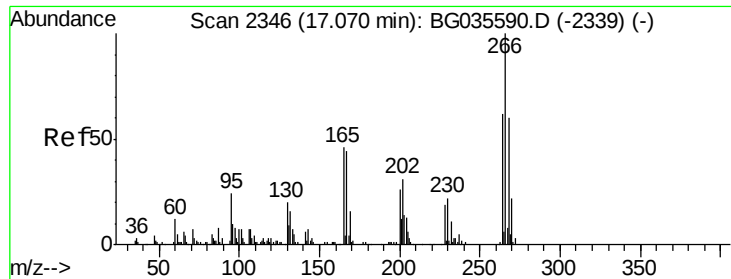
Tgt Ion:284 Resp: 121869
Ion Ratio Lower Upper
284 100
142 27.2 26.8 40.2
249 35.6 26.3 39.5



#68
Atrazine
Concen: 45.234 ng
RT: 16.85 min Scan# 2308
Delta R.T. -0.00 min
Lab File: BG036057.D
Acq: 2 Aug 2018 12:47

Tgt Ion:200 Resp: 126116
Ion Ratio Lower Upper
200 100
173 23.9 5.2 45.2
215 49.2 30.4 70.4

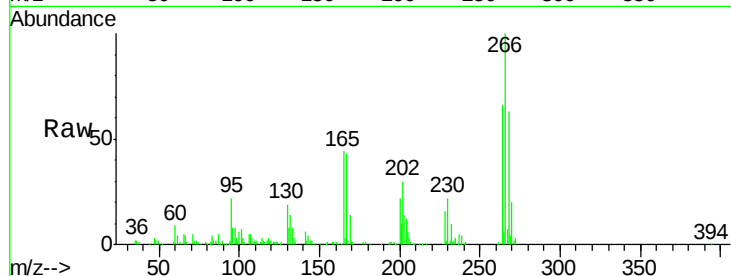




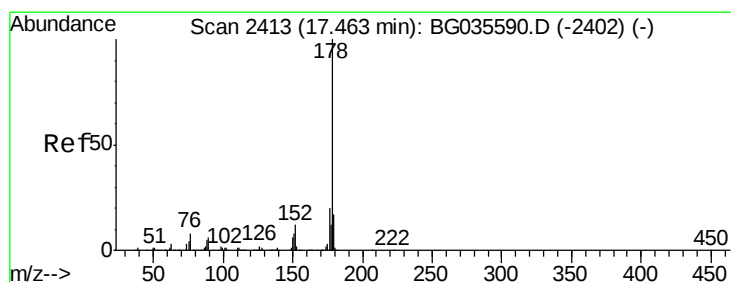
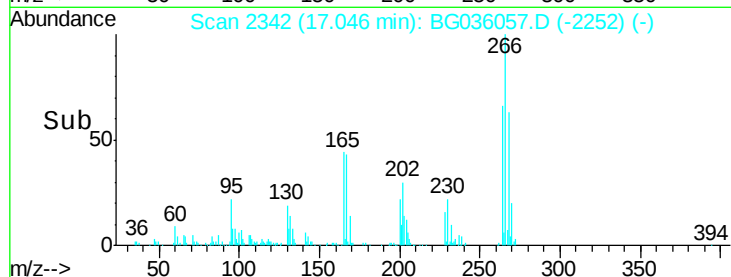
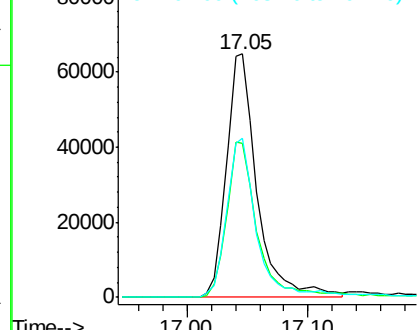
#69
 Pentachlorophenol
 Concen: 65.472 ng
 RT: 17.05 min Scan# 2342
 Delta R.T. -0.00 min
 Lab File: BG036057.D
 Acq: 2 Aug 2018 12:47

Instrument :
 BNA_G
 ClientSampleId :
 PB111684BSD

Tgt Ion:266 Resp: 113351
 Ion Ratio Lower Upper
 266 100
 268 63.4 51.1 76.7
 264 65.6 49.6 74.4

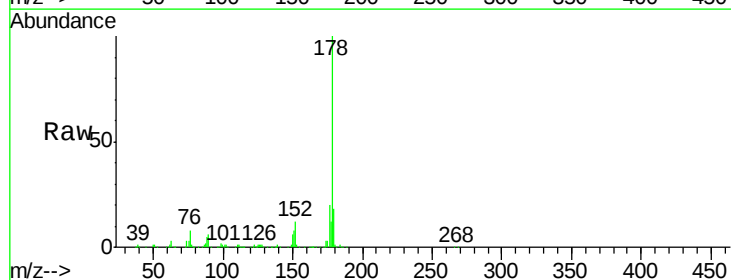


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

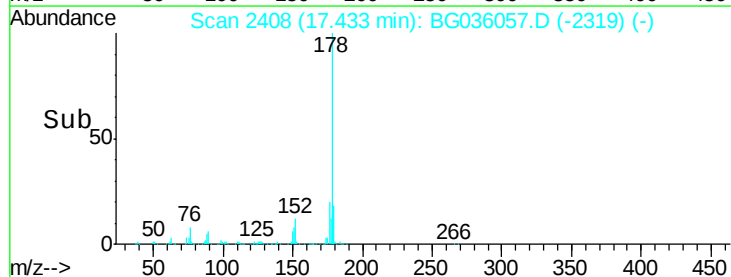
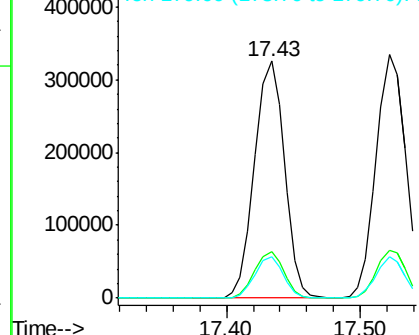


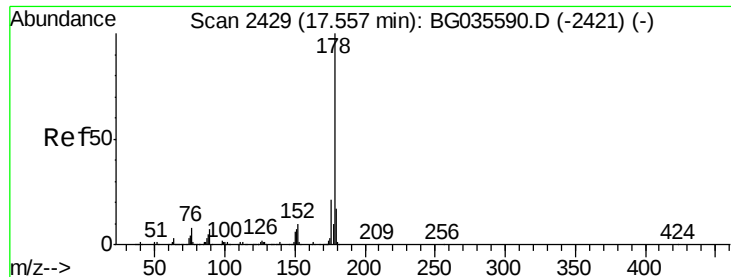
#70
 Phenanthrene
 Concen: 42.491 ng
 RT: 17.43 min Scan# 2408
 Delta R.T. -0.01 min
 Lab File: BG036057.D
 Acq: 2 Aug 2018 12:47

Tgt Ion:178 Resp: 504410
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.7 23.5
 179 17.6 12.5 18.7



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

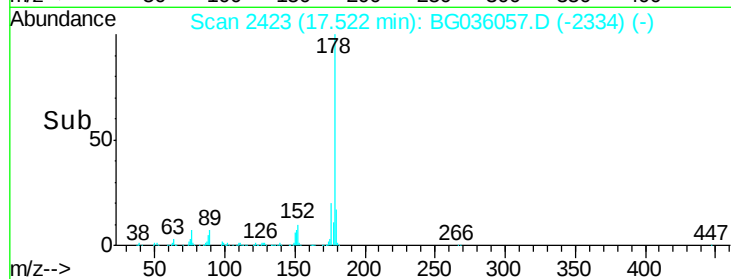
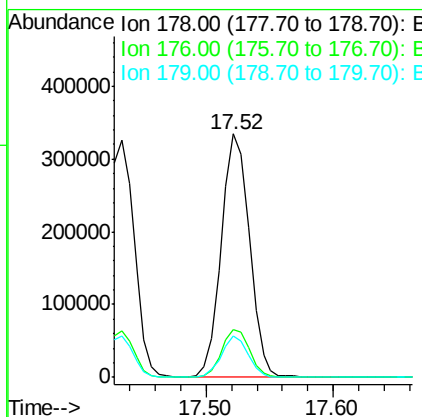
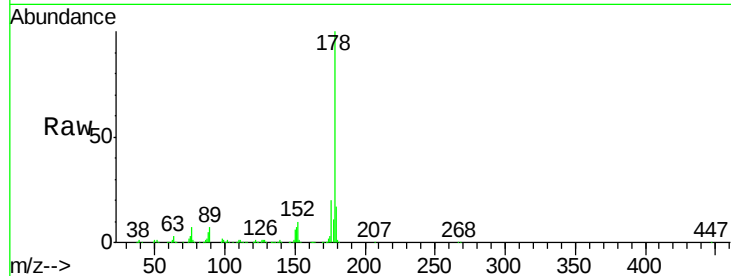




#71
 Anthracene
 Concen: 43.679 ng
 RT: 17.52 min Scan# 2423
 Delta R.T. -0.01 min
 Lab File: BG036057.D
 Acq: 2 Aug 2018 12:47

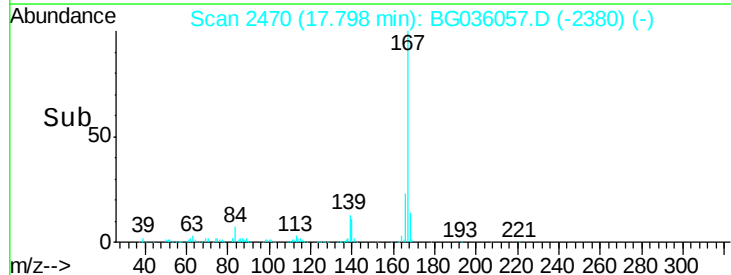
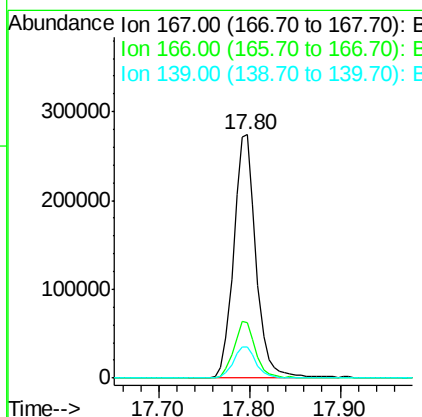
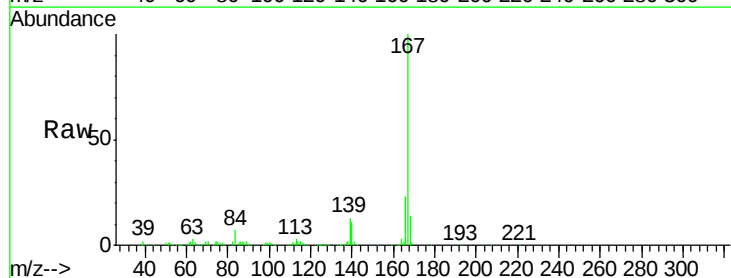
Instrument :
 BNA_G
 ClientSampleId :
 PB111684BSD

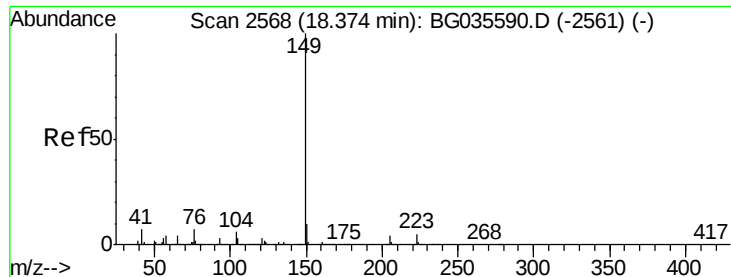
Tgt Ion:178 Resp: 516296
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.0 24.0
 179 16.8 12.5 18.7



#72
 Carbazole
 Concen: 41.991 ng
 RT: 17.80 min Scan# 2470
 Delta R.T. -0.00 min
 Lab File: BG036057.D
 Acq: 2 Aug 2018 12:47

Tgt Ion:167 Resp: 471376
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.2 27.4
 139 12.6 9.4 14.2





#73

Di-n-butylphthalate

Concen: 41.583 ng

RT: 18.34 min Scan# 2563

Delta R.T. -0.01 min

Lab File: BG036057.D

Acq: 2 Aug 2018 12:47

Instrument :

BNA_G

ClientSampleId :

PB111684BSD

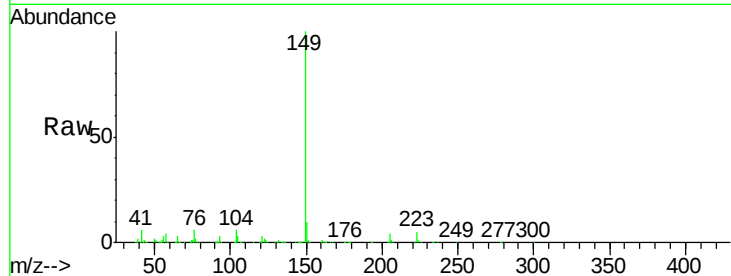
Tgt Ion:149 Resp: 551618

Ion Ratio Lower Upper

149 100

150 9.8 7.8 11.6

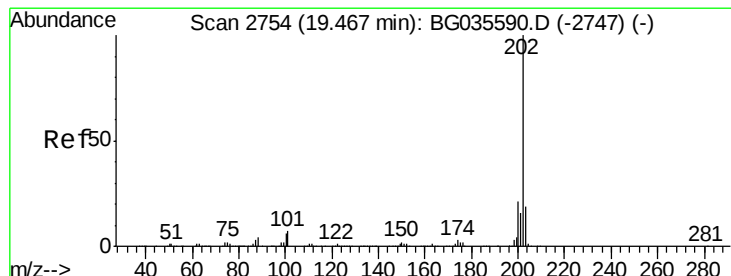
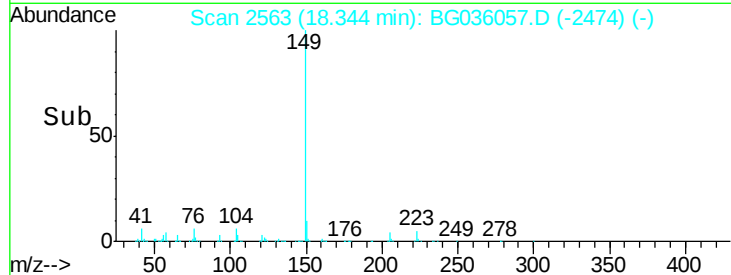
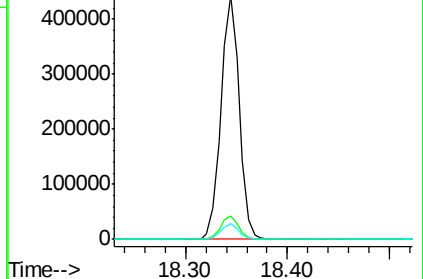
104 6.3 3.9 5.9#



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: 43.038 ng

RT: 19.44 min Scan# 2749

Delta R.T. -0.01 min

Lab File: BG036057.D

Acq: 2 Aug 2018 12:47

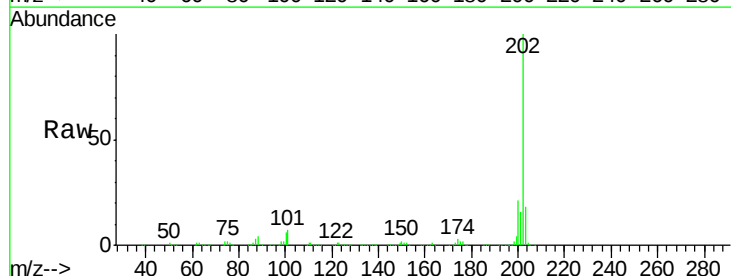
Tgt Ion:202 Resp: 688178

Ion Ratio Lower Upper

202 100

101 6.5 0.0 28.9

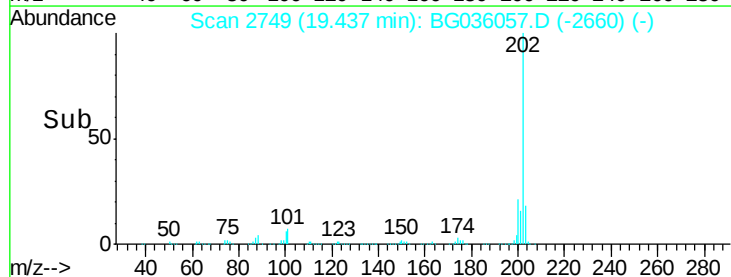
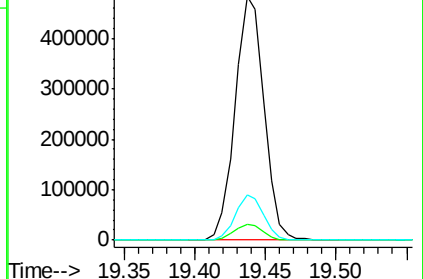
203 18.3 0.0 37.5



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: 21.65 min Scan# 3126

Delta R.T. -0.01 min

Lab File: BG036057.D

Acq: 2 Aug 2018 12:47

Instrument :

BNA_G

ClientSampleId :

PB111684BSD

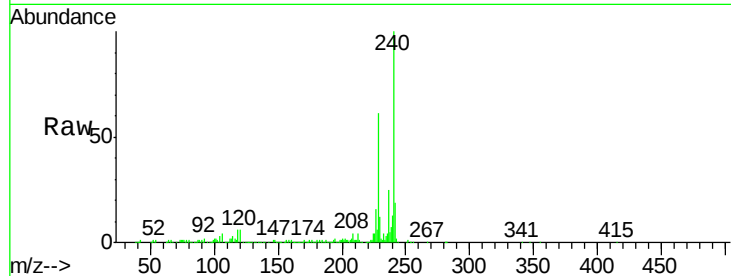
Tgt Ion:240 Resp: 273323

Ion Ratio Lower Upper

240 100

120 6.4 6.8 10.2#

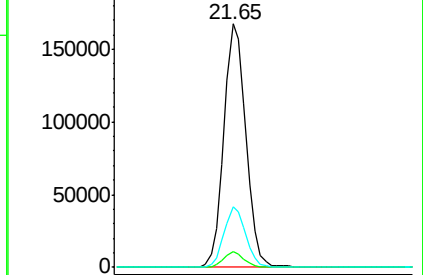
236 24.7 20.9 31.3



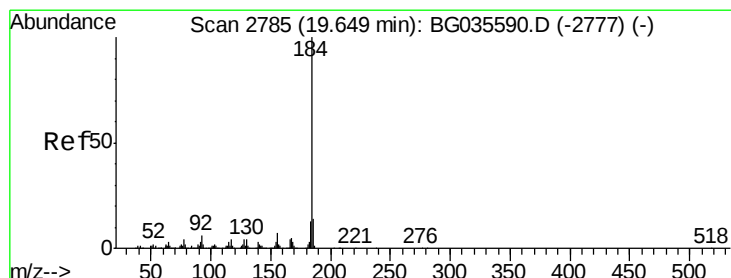
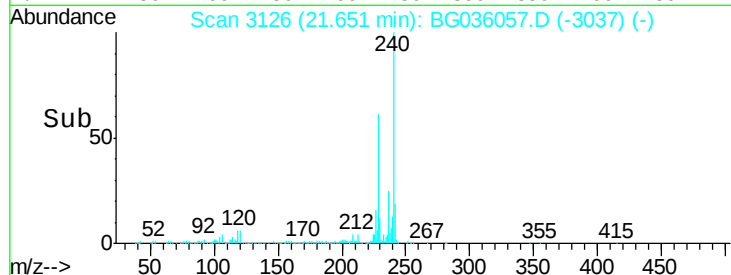
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#76

Benzidine

Concen: 31.067 ng

RT: 19.62 min Scan# 2781

Delta R.T. -0.00 min

Lab File: BG036057.D

Acq: 2 Aug 2018 12:47

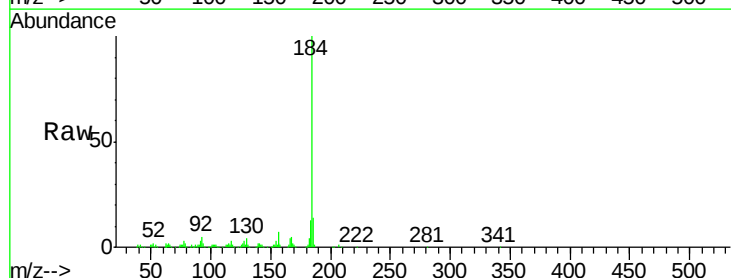
Tgt Ion:184 Resp: 223240

Ion Ratio Lower Upper

184 100

185 14.2 11.1 16.7

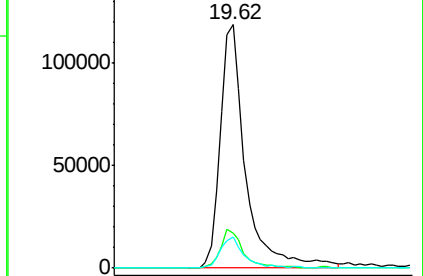
183 12.7 10.6 16.0



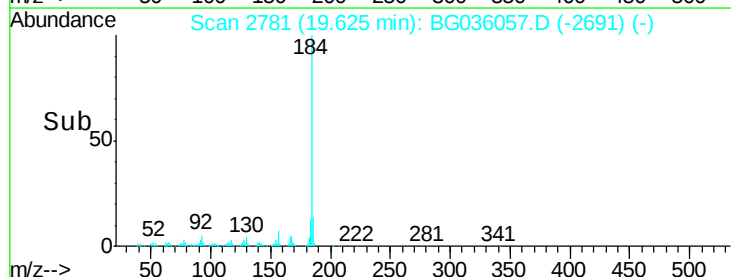
Abundance Ion 184.00 (183.70 to 184.70): E

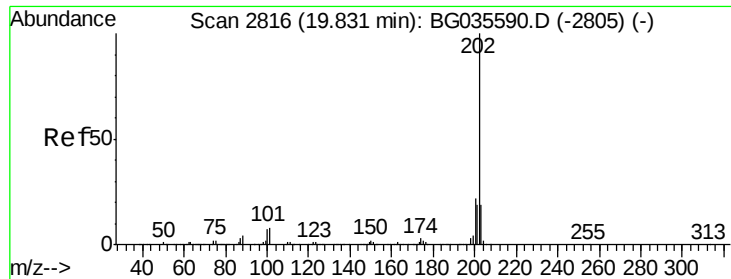
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->





#77

Pyrene

Concen: 39.481 ng

RT: 19.80 min Scan# 2811

Delta R.T. -0.01 min

Lab File: BG036057.D

Acq: 2 Aug 2018 12:47

Instrument :

BNA_G

ClientSampleId :

PB111684BSD

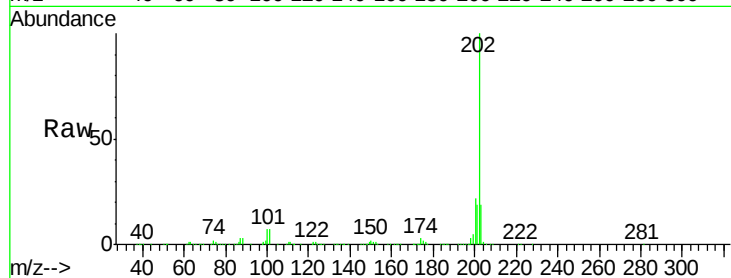
Tgt Ion:202 Resp: 682333

Ion Ratio Lower Upper

202 100

200 22.3 16.9 25.3

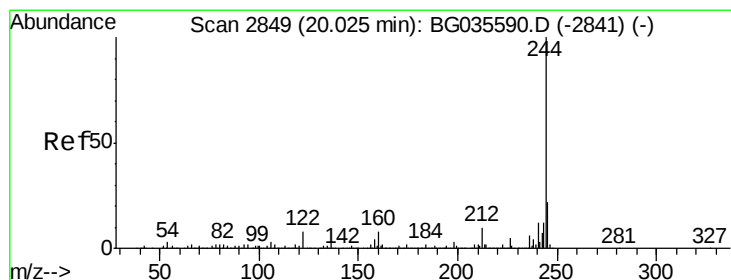
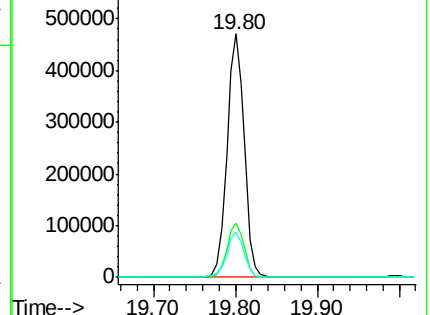
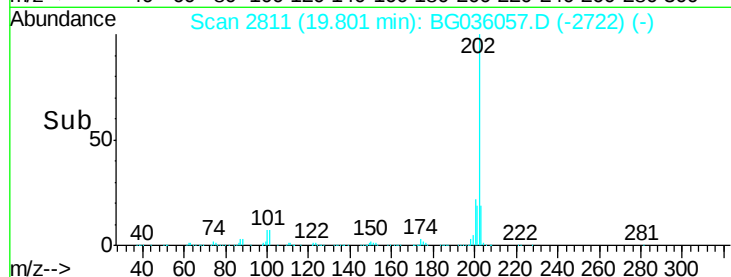
203 18.8 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 78.910 ng

RT: 19.99 min Scan# 2844

Delta R.T. -0.01 min

Lab File: BG036057.D

Acq: 2 Aug 2018 12:47

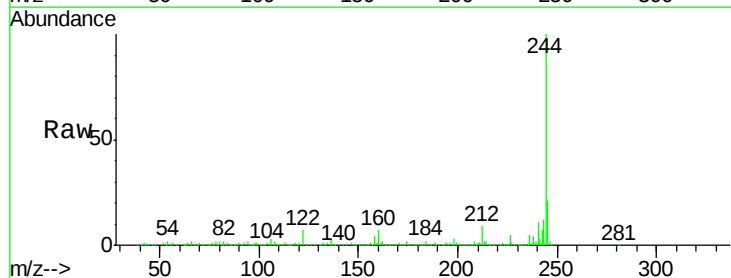
Tgt Ion:244 Resp: 978447

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

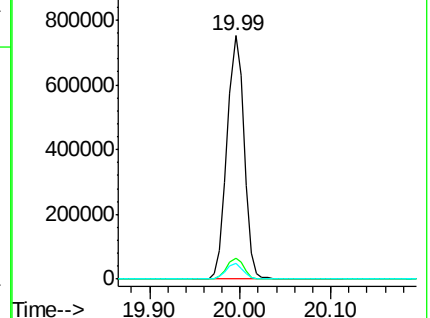
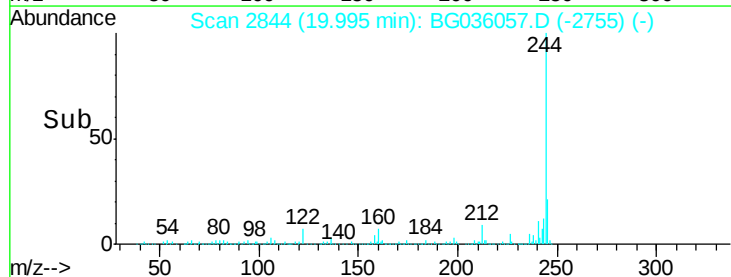
122 6.7 7.0 10.4#

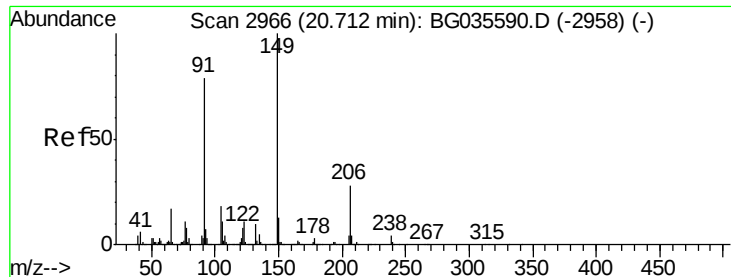


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 41.805 ng

RT: 20.68 min Scan# 2961

Delta R.T. -0.00 min

Lab File: BG036057.D

Acq: 2 Aug 2018 12:47

Instrument :

BNA_G

ClientSampleId :

PB111684BSD

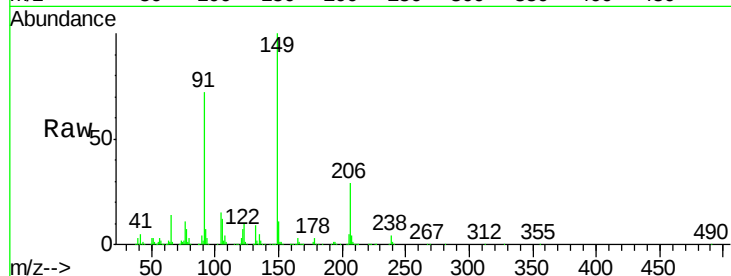
Tgt Ion:149 Resp: 258370

Ion Ratio Lower Upper

149 100

91 72.3 62.2 93.2

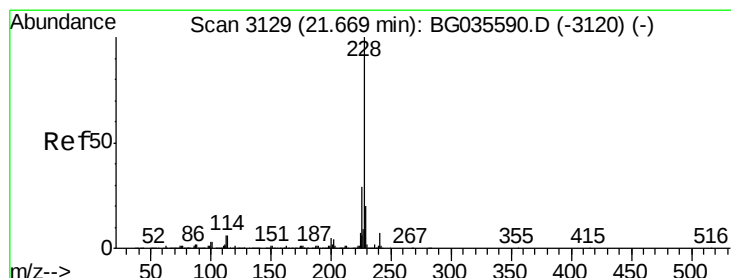
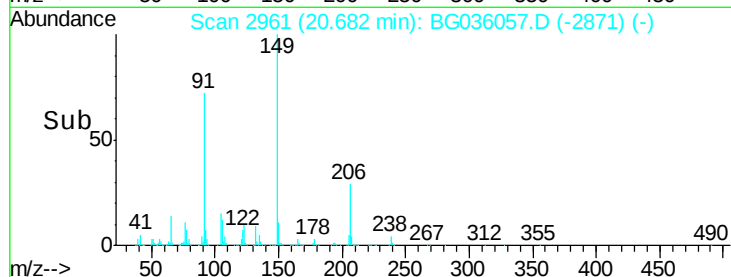
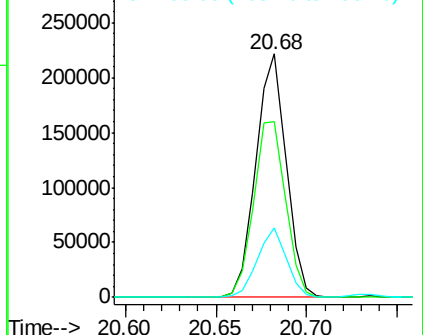
206 28.6 18.6 27.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 41.637 ng

RT: 21.63 min Scan# 3123

Delta R.T. -0.01 min

Lab File: BG036057.D

Acq: 2 Aug 2018 12:47

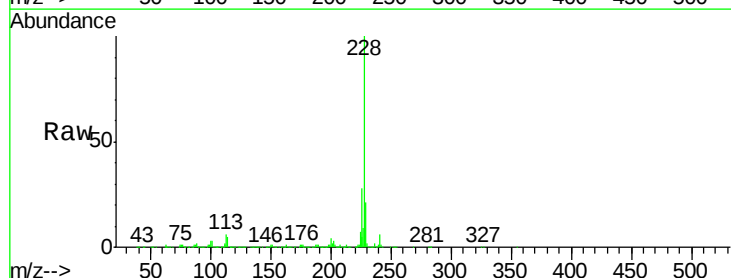
Tgt Ion:228 Resp: 709197

Ion Ratio Lower Upper

228 100

226 27.9 22.7 34.1

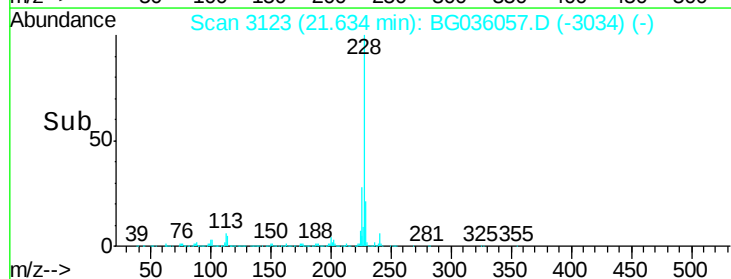
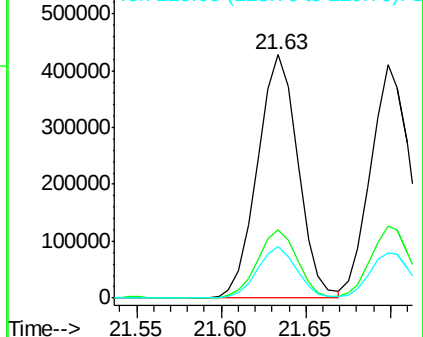
229 21.5 16.2 24.2

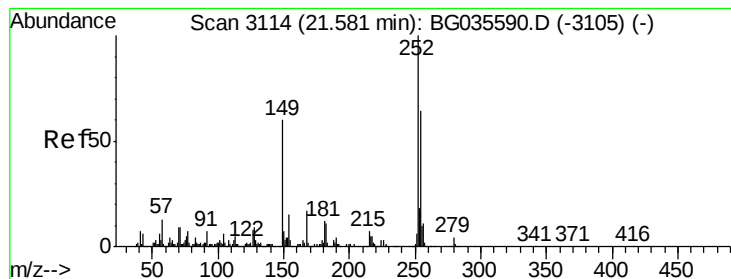


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 29.017 ng

RT: 21.55 min Scan# 3109

Delta R.T. -0.01 min

Lab File: BG036057.D

Acq: 2 Aug 2018 12:47

Instrument :

BNA_G

ClientSampleId :

PB111684BSD

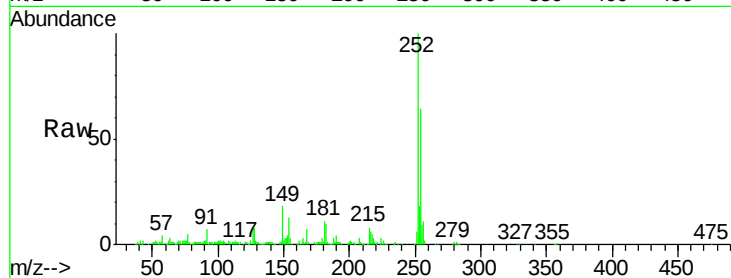
Tgt Ion:252 Resp: 172330

Ion Ratio Lower Upper

252 100

254 63.5 50.8 76.2

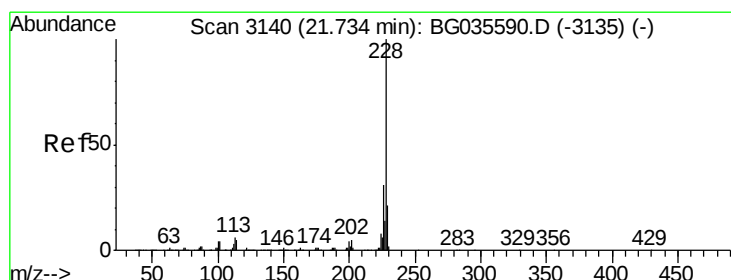
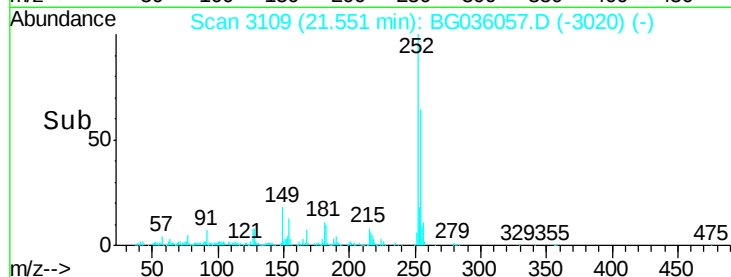
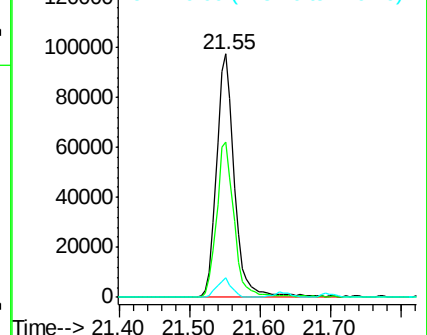
126 7.8 7.4 11.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 42.183 ng

RT: 21.70 min Scan# 3134

Delta R.T. -0.01 min

Lab File: BG036057.D

Acq: 2 Aug 2018 12:47

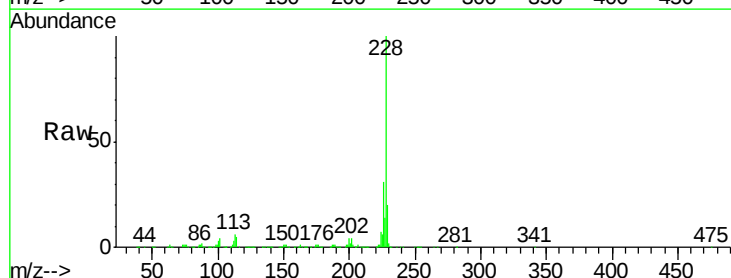
Tgt Ion:228 Resp: 665803

Ion Ratio Lower Upper

228 100

226 30.8 24.9 37.3

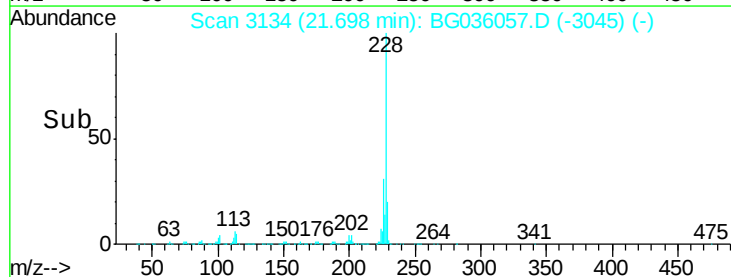
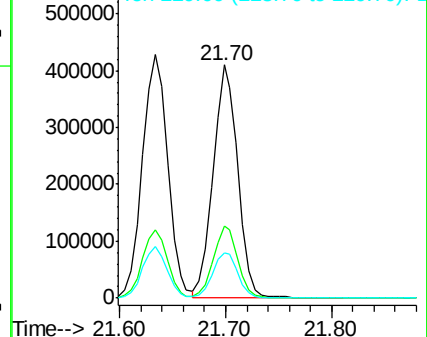
229 19.5 15.0 22.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

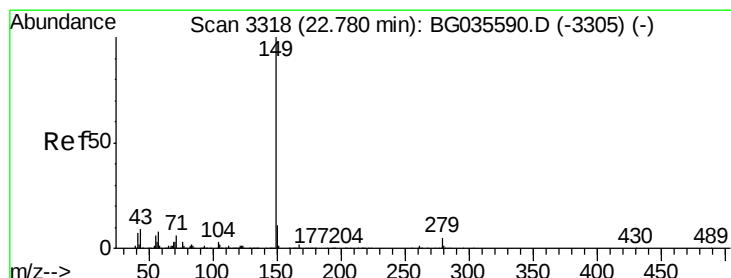
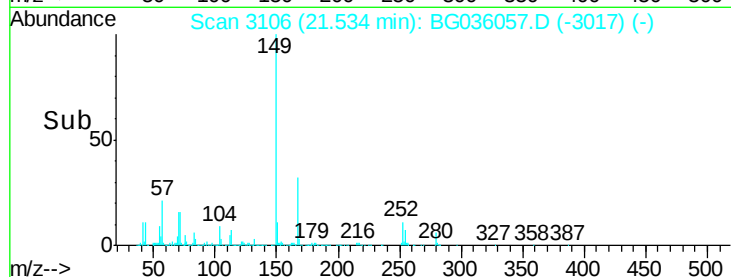
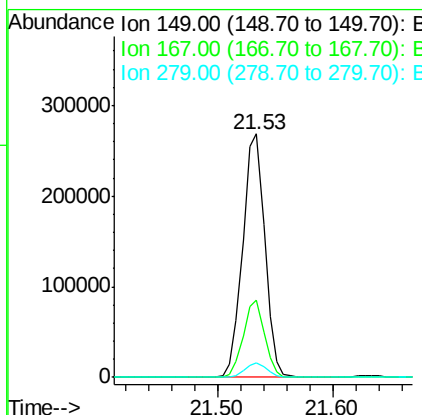
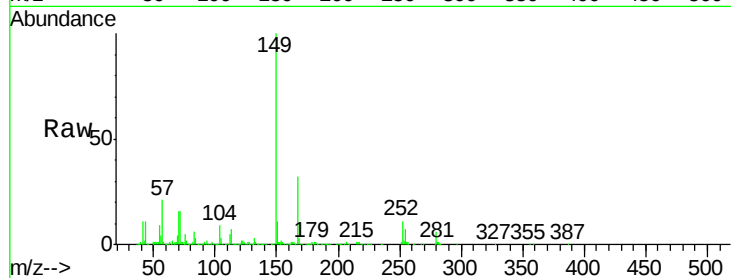




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.627 ng
 RT: 21.53 min Scan# 3106
 Delta R.T. -0.01 min
 Lab File: BG036057.D
 Acq: 2 Aug 2018 12:47

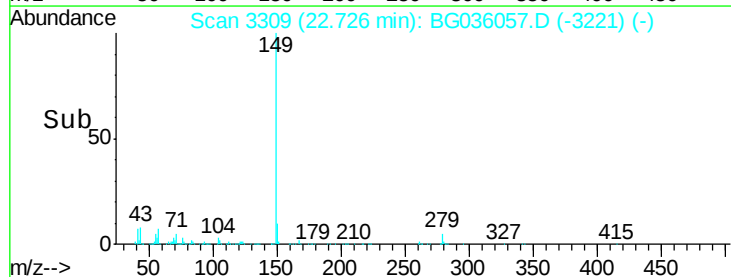
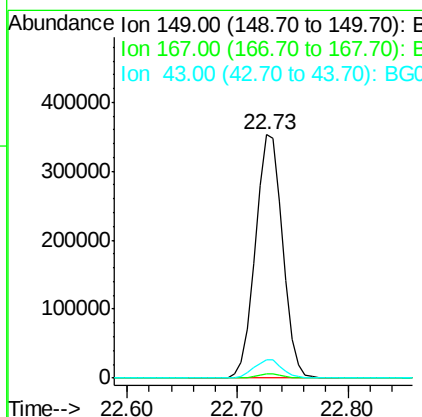
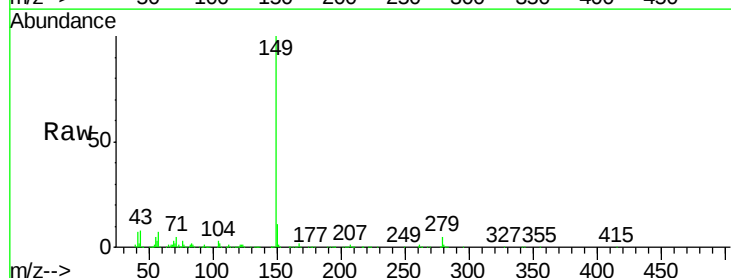
Instrument :
 BNA_G
 ClientSampleId :
 PB111684BSD

Tgt Ion:149 Resp: 358161
 Ion Ratio Lower Upper
 149 100
 167 31.7 24.3 36.5
 279 6.2 4.0 6.0#



#84
 Di-n-octyl phthalate
 Concen: 43.470 ng
 RT: 22.73 min Scan# 3309
 Delta R.T. -0.01 min
 Lab File: BG036057.D
 Acq: 2 Aug 2018 12:47

Tgt Ion:149 Resp: 611541
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.4 2.0
 43 7.9 8.9 13.3#

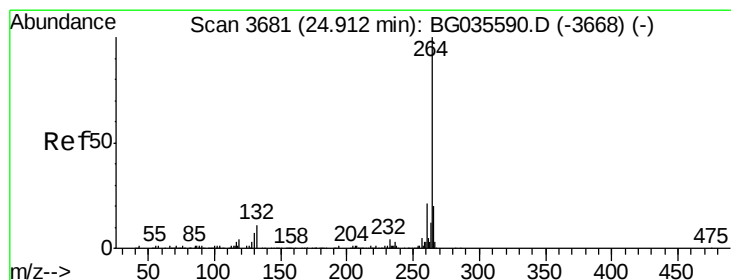
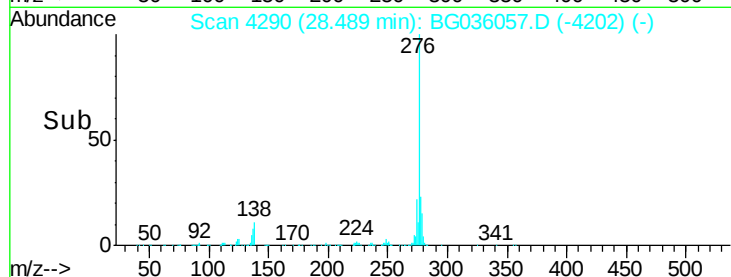
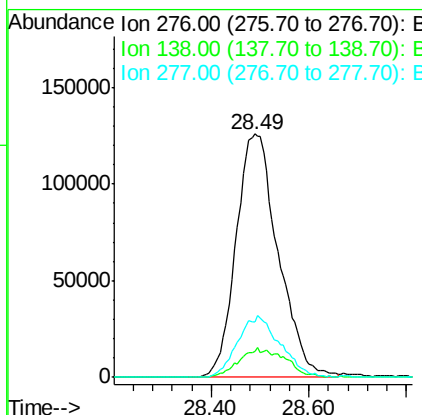
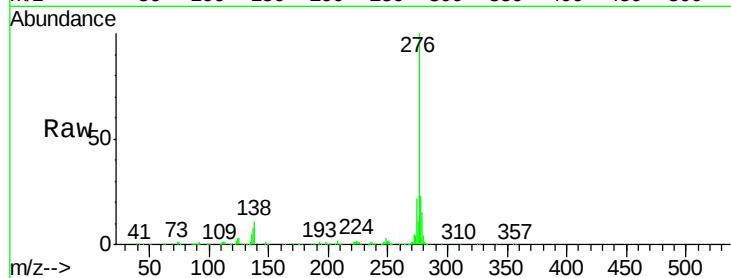




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.228 ng
 RT: 28.49 min Scan# 4290
 Delta R.T. -0.01 min
 Lab File: BG036057.D
 Acq: 2 Aug 2018 12:47

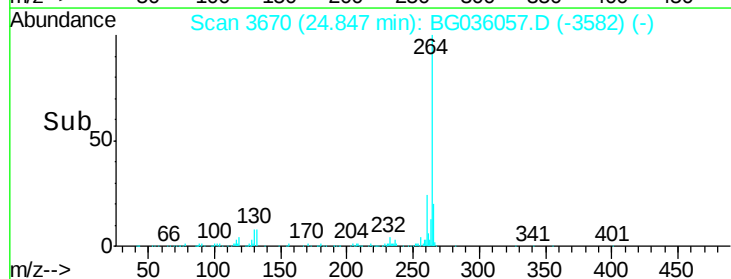
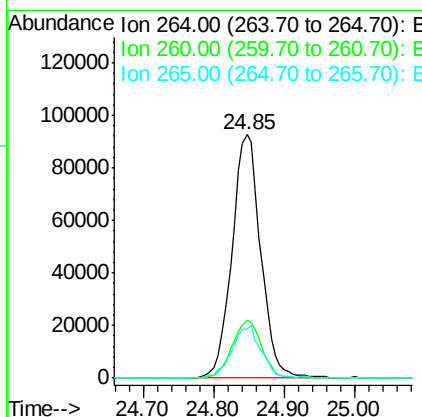
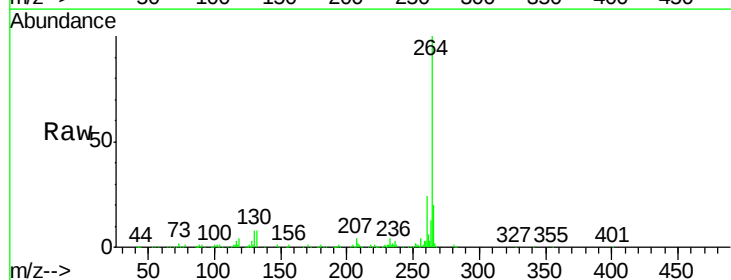
Instrument :
 BNA_G
 ClientSampleId :
 PB111684BSD

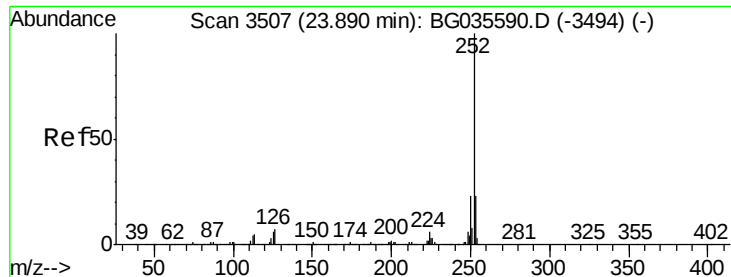
Tgt Ion	Ratio	Lower	Upper
276	100		
138	12.9	16.0	24.0#
277	25.6	20.0	30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.85 min Scan# 3670
 Delta R.T. -0.01 min
 Lab File: BG036057.D
 Acq: 2 Aug 2018 12:47

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.4	26.0
265	20.3	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 42.736 ng

RT: 23.83 min Scan# 3497

Delta R.T. -0.01 min

Lab File: BG036057.D

Acq: 2 Aug 2018 12:47

Instrument :

BNA_G

ClientSampleId :

PB111684BSD

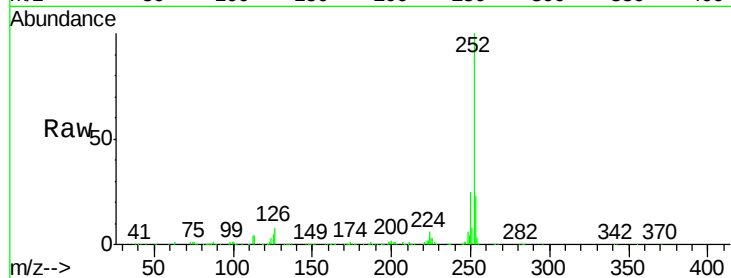
Tgt Ion:252 Resp: 679403

Ion Ratio Lower Upper

252 100

253 22.7 18.2 27.4

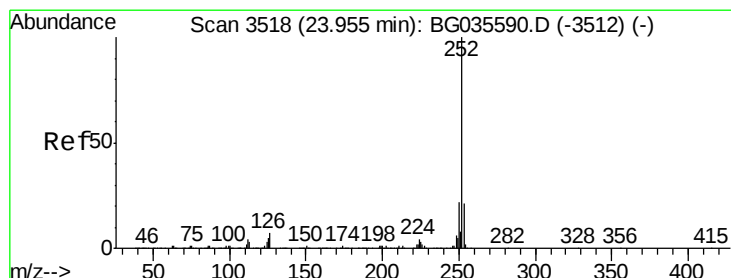
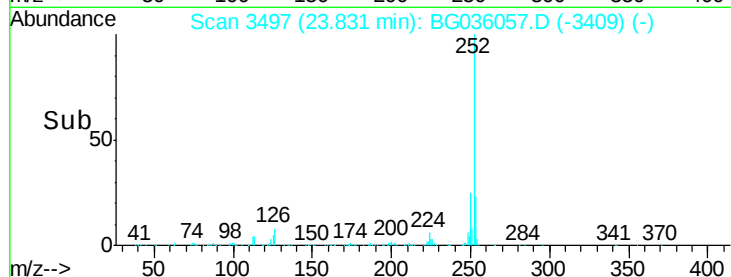
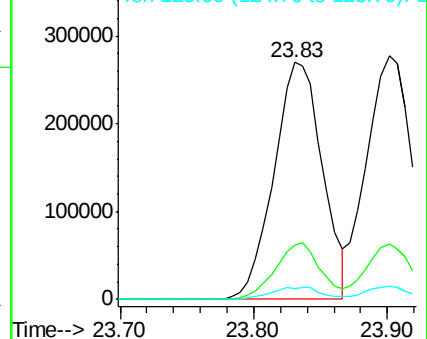
125 4.5 7.2 10.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 42.171 ng

RT: 23.90 min Scan# 3509

Delta R.T. -0.01 min

Lab File: BG036057.D

Acq: 2 Aug 2018 12:47

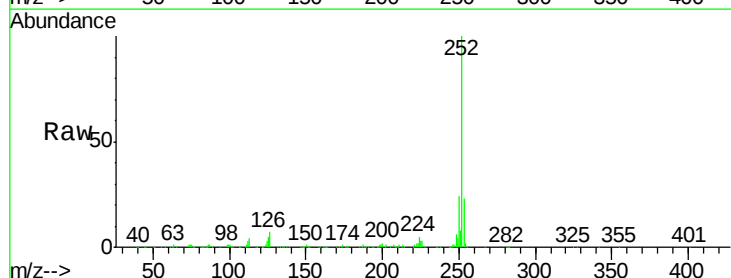
Tgt Ion:252 Resp: 655429

Ion Ratio Lower Upper

252 100

253 23.0 17.4 26.2

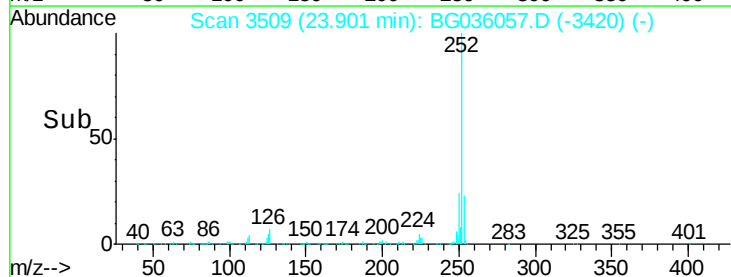
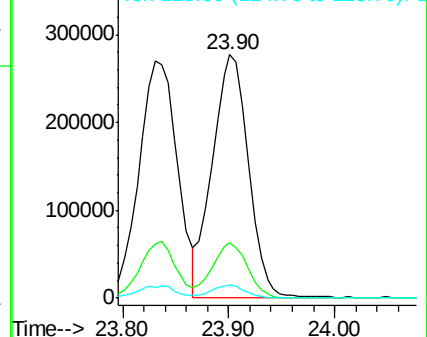
125 5.5 6.6 9.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 44.334 ng

RT: 24.69 min Scan# 3644

Delta R.T. -0.01 min

Lab File: BG036057.D

Acq: 2 Aug 2018 12:47

Instrument :

BNA_G

ClientSampleId :

PB111684BSD

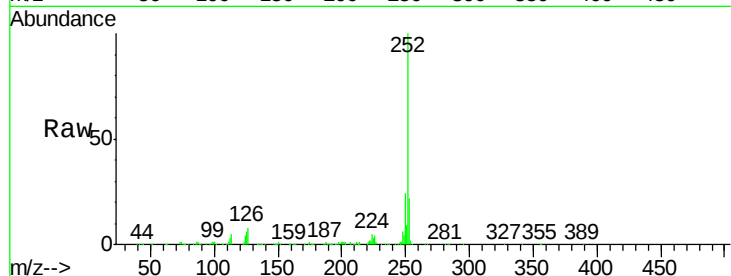
Tgt Ion:252 Resp: 655700

Ion Ratio Lower Upper

252 100

253 22.1 18.3 27.5

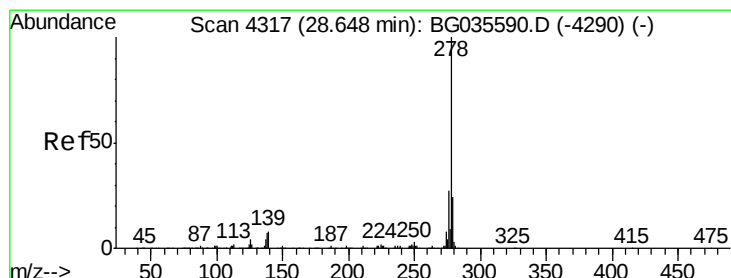
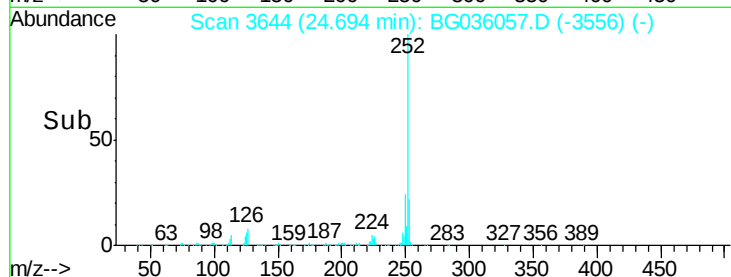
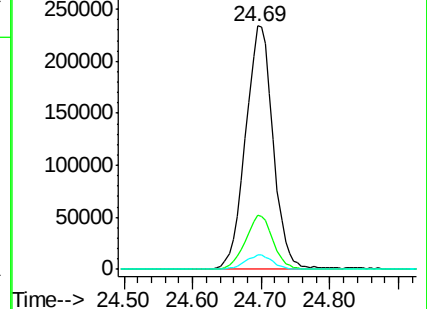
125 6.0 7.3 10.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 43.064 ng

RT: 28.55 min Scan# 4300

Delta R.T. -0.02 min

Lab File: BG036057.D

Acq: 2 Aug 2018 12:47

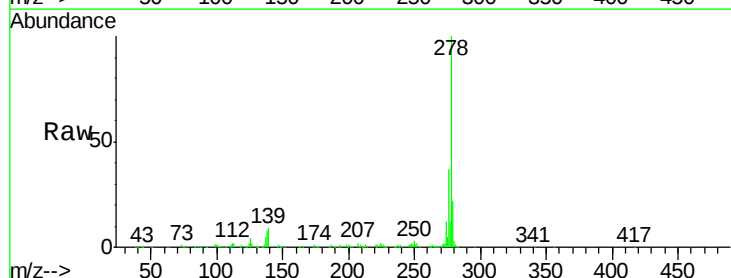
Tgt Ion:278 Resp: 625278

Ion Ratio Lower Upper

278 100

139 9.0 9.8 14.6#

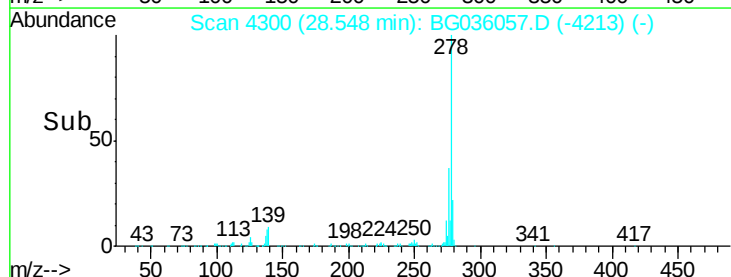
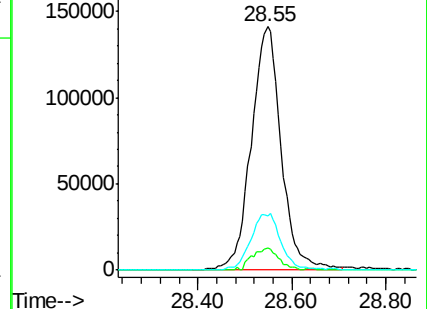
279 22.1 18.4 27.6

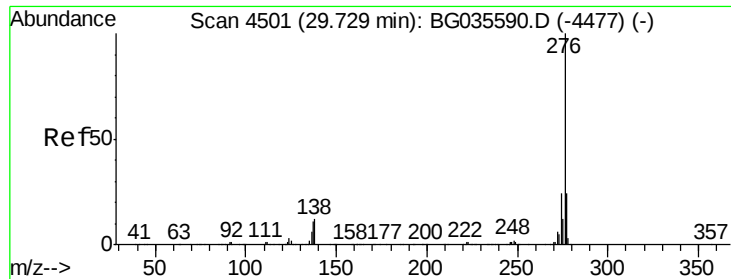


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 43.544 ng

RT: 29.63 min Scan# 4484

Delta R.T. -0.01 min

Lab File: BG036057.D

Acq: 2 Aug 2018 12:47

Instrument :

BNA_G

ClientSampleId :

PB111684BSD

Tgt Ion: 276 Resp: 618689

Ion Ratio Lower Upper

276 100

277 24.3 18.3 27.5

138 12.5 13.9 20.9#

