

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062218\
 Data File : BG035349.D
 Acq On : 23 Jun 2018 1:12
 Operator : JU/SJ
 Sample : PB110484BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB110484BS

Quant Time: Jun 23 02:33:07 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	44291	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	165018	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	120596	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	327781	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	362227	20.00	ng	-0.03
86) Perylene-d12	24.91	264	357652	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	417686	159.15	ng	-0.01
7) Phenol-d6	7.22	99	605982	156.44	ng	0.00
23) Nitrobenzene-d5	9.21	82	379569	109.34	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	280521	181.71	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	879632	94.82	ng	-0.02
78) Terphenyl-d14	20.02	244	1653562	95.62	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.55	88	45650	36.456	ng	# 72
3) Pyridine	3.93	79	133895	39.630	ng	# 73
4) n-Nitrosodimethylamine	3.86	42	57134	39.363	ng	# 69
6) Aniline	7.38	93	84891	16.954	ng	94
8) 2-Chlorophenol	7.62	128	131229	47.702	ng	94
9) Benzaldehyde	7.19	77	71824	24.072	ng	91
10) Phenol	7.24	94	197171	49.186	ng	97
11) bis(2-Chloroethyl)ether	7.48	93	128334	41.246	ng	90
12) 1,3-Dichlorobenzene	7.95	146	144912	44.149	ng	94
13) 1,4-Dichlorobenzene	8.09	146	148409	43.799	ng	99
14) 1,2-Dichlorobenzene	8.41	146	140287	44.078	ng	99
15) Benzyl Alcohol	8.29	79	153847	41.915	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.58	45	135717	43.825	ng	77
17) 2-Methylphenol	8.49	107	132077	49.974	ng	93
18) Hexachloroethane	9.14	117	54080	44.581	ng	90
19) n-Nitroso-di-n-propylamine	8.86	70	121541	36.932	ng	# 84
20) 3+4-Methylphenols	8.82	107	180784	47.722	ng	93
22) Acetophenone	8.87	105	217494	42.548	ng	# 91
24) Nitrobenzene	9.26	77	181302	51.001	ng	95
25) Isophorone	9.78	82	344218	46.963	ng	100
26) 2-Nitrophenol	9.97	139	73874	60.288	ng	# 93
27) 2,4-Dimethylphenol	10.02	122	138705	53.853	ng	89
28) bis(2-Chloroethoxy)methane	10.26	93	181528	46.088	ng	94
29) 2,4-Dichlorophenol	10.50	162	158067	56.402	ng	92
30) 1,2,4-Trichlorobenzene	10.72	180	158913	47.289	ng	99
31) Naphthalene	10.91	128	401431	46.828	ng	99
32) Benzoic acid	10.16	122	75060	43.509	ng	97
33) 4-Chloroaniline	11.02	127	23228	6.240	ng	96
34) Hexachlorobutadiene	11.19	225	123167	47.128	ng	95
35) Caprolactam	11.79	113	37245	35.960	ng	# 68
36) 4-Chloro-3-methylphenol	12.13	107	188686	54.011	ng	95
37) 2-Methylnaphthalene	12.51	142	318483	49.002	ng	92
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	213872	47.612	ng	99
40) Hexachlorocyclopentadiene	12.86	237	303205	107.639	ng	96

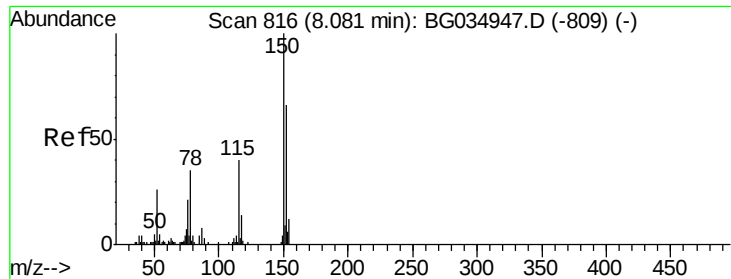
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062218\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	145453	54.078	ng	94
43) 2,4,5-Trichlorophenol	13.19	196	162956	55.199	ng	98
45) 1,1'-Biphenyl	13.51	154	438007	45.169	ng	97
46) 2-Chloronaphthalene	13.56	162	345837	47.171	ng	99
47) 2-Nitroaniline	13.76	65	119561	55.225	ng	91
48) Acenaphthylene	14.40	152	580055	47.183	ng	98
49) Dimethylphthalate	14.13	163	482940	45.923	ng	98
50) 2,6-Dinitrotoluene	14.25	165	105786	55.139	ng	96
51) Acenaphthene	14.74	154	340259	42.361	ng	98
52) 3-Nitroaniline	14.57	138	32113	17.058	ng #	88
53) 2,4-Dinitrophenol	14.78	184	73871	95.140	ng #	63
54) Dibenzofuran	15.07	168	561559	46.680	ng	92
55) 4-Nitrophenol	14.88	139	161825	101.851	ng #	86
56) 2,4-Dinitrotoluene	15.04	165	156309	61.332	ng #	86
57) Fluorene	15.72	166	472180	46.965	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.29	232	164321	57.297	ng	93
59) Diethylphthalate	15.49	149	485801	45.278	ng	97
60) 4-Chlorophenyl-phenylether	15.71	204	274025	47.798	ng	97
61) 4-Nitroaniline	15.74	138	107189	53.091	ng #	83
62) Azobenzene	16.01	77	483296	45.967	ng	95
64) 4,6-Dinitro-2-methylphenol	15.79	198	74231	49.601	ng	86
65) n-Nitrosodiphenylamine	15.93	169	424131	43.087	ng	96
66) 4-Bromophenyl-phenylether	16.60	248	186455	47.236	ng	95
67) Hexachlorobenzene	16.72	284	192490	47.911	ng	97
68) Atrazine	16.87	200	194413	46.313	ng	95
69) Pentachlorophenol	17.07	266	231692	85.761	ng	97
70) Phenanthrene	17.46	178	780266	46.861	ng	99
71) Anthracene	17.56	178	794047	47.608	ng	98
72) Carbazole	17.82	167	730949	47.234	ng	98
73) Di-n-butylphthalate	18.37	149	808652	43.842	ng #	98
74) Fluoranthene	19.47	202	1039698	47.986	ng	96
76) Benzidine	19.64	184	308813	22.916	ng	99
77) Pyrene	19.83	202	1046021	43.804	ng	97
79) Butylbenzylphthalate	20.71	149	376866	43.462	ng #	96
80) Benzo(a)anthracene	21.67	228	1070512	46.248	ng	99
81) 3,3'-Dichlorobenzidine	21.58	252	191299	21.967	ng #	98
82) Chrysene	21.73	228	998200	47.100	ng	97
83) Bis(2-ethylhexyl)phthalate	21.57	149	514126	41.962	ng	100
84) Di-n-octyl phthalate	22.78	149	876310	41.689	ng #	92
85) Indeno(1,2,3-cd)pyrene	28.57	276	1205961	48.586	ng #	86
87) Benzo(b)fluoranthene	23.88	252	1053971	47.853	ng #	96
88) Benzo(k)fluoranthene	23.95	252	1014192	47.073	ng #	96
89) Benzo(a)pyrene	24.75	252	1035578	49.968	ng #	97
90) Dibenzo(a,h)anthracene	28.64	278	986225	48.205	ng #	95
91) Benzo(g,h,i)perylene	29.72	276	997286	49.809	ng #	94

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

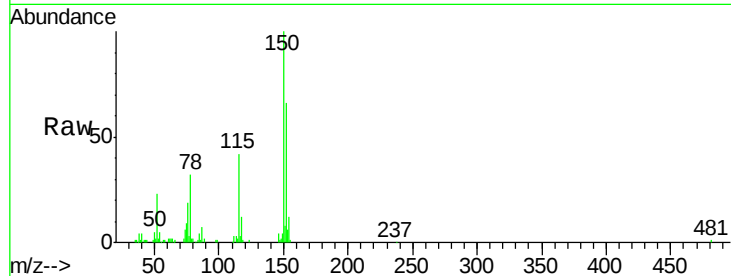


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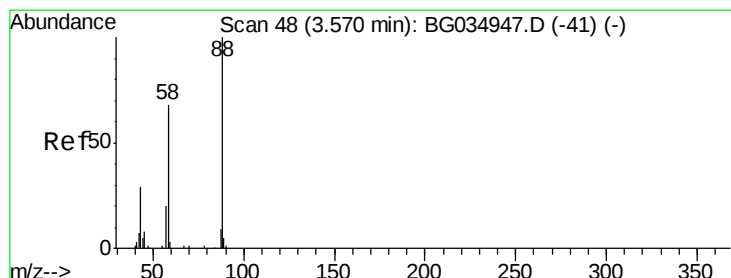
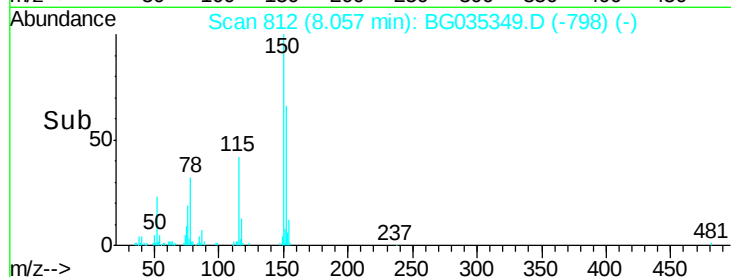
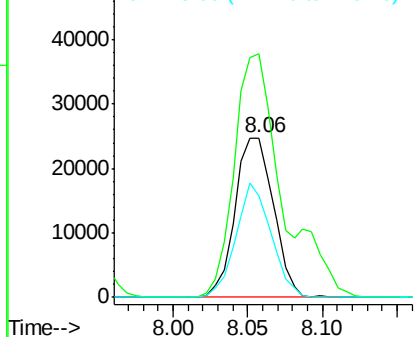
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.02 min
Lab File: BG035349.D
Acq: 23 Jun 2018 1:12

Instrument :
BNA_G
ClientSampleId :
PB110484BS

Tgt Ion:152 Resp: 44291
Ion Ratio Lower Upper
152 100
150 152.5 126.6 189.8
115 63.5 53.0 79.4



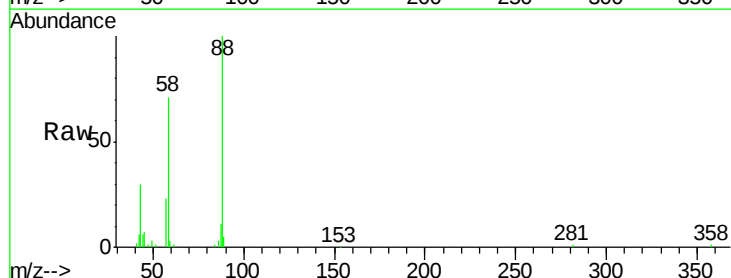
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



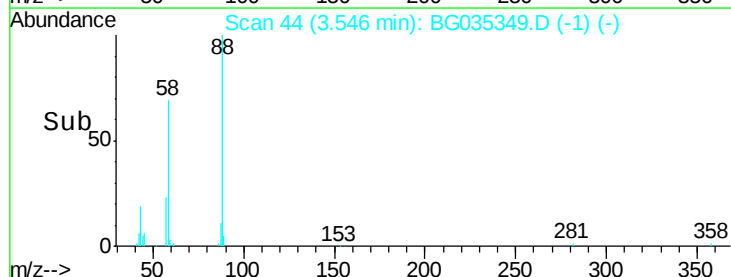
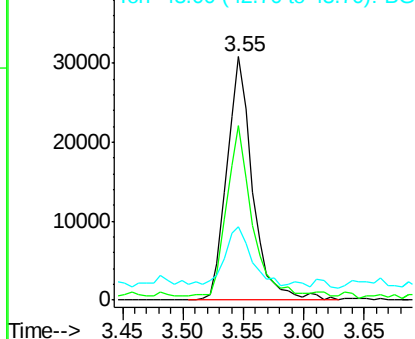
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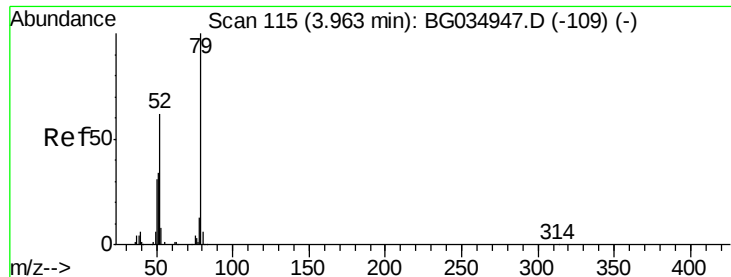
1,4-Dioxane
Concen: 36.456 ng
RT: 3.55 min Scan# 44
Delta R.T. -0.02 min
Lab File: BG035349.D
Acq: 23 Jun 2018 1:12

Tgt Ion: 88 Resp: 45650
Ion Ratio Lower Upper
88 100
58 67.8 79.6 119.4#
43 25.4 27.4 41.0#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 39.630 ng

RT: 3.93 min Scan# 110

Delta R.T. -0.02 min

Lab File: BG035349.D

Acq: 23 Jun 2018 1:12

Instrument :

BNA_G

ClientSampleId :

PB110484BS

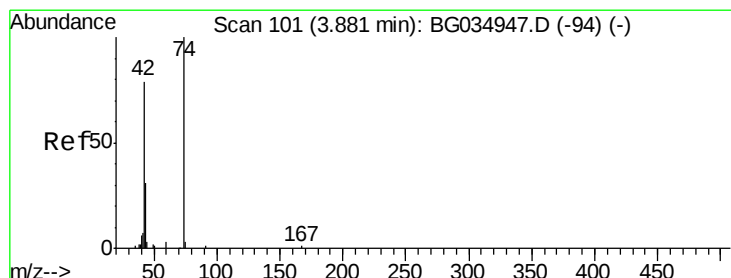
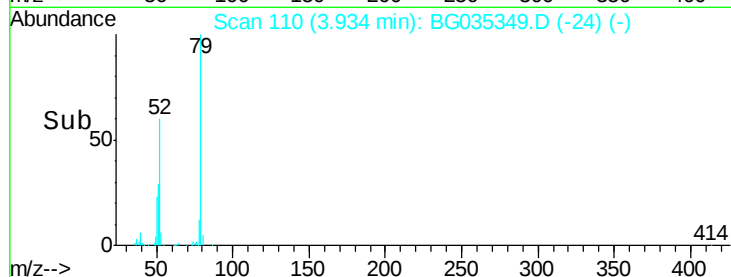
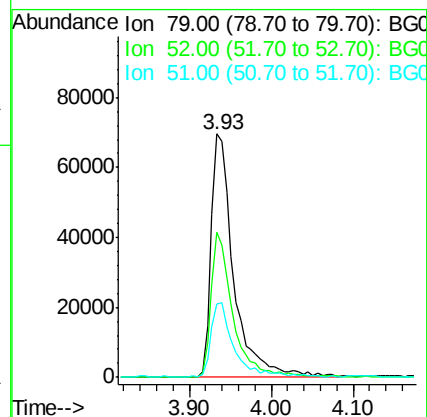
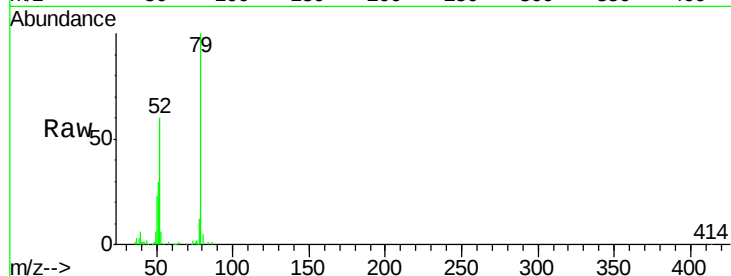
Tgt Ion: 79 Resp: 133895

Ion Ratio Lower Upper

79 100

52 59.6 69.9 104.9#

51 30.1 34.0 51.0#



#4

n-Nitrosodimethylamine

Concen: 39.363 ng

RT: 3.86 min Scan# 97

Delta R.T. -0.02 min

Lab File: BG035349.D

Acq: 23 Jun 2018 1:12

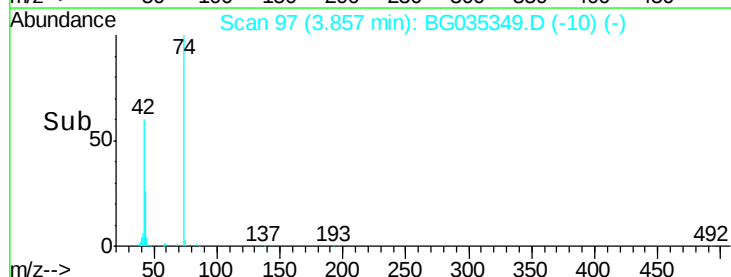
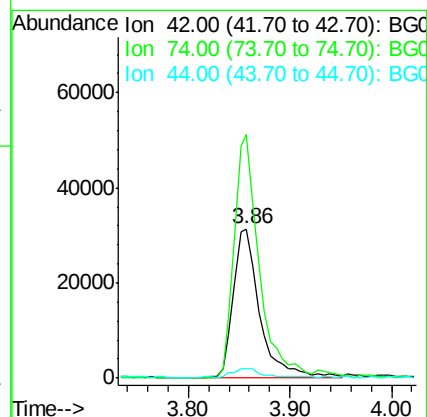
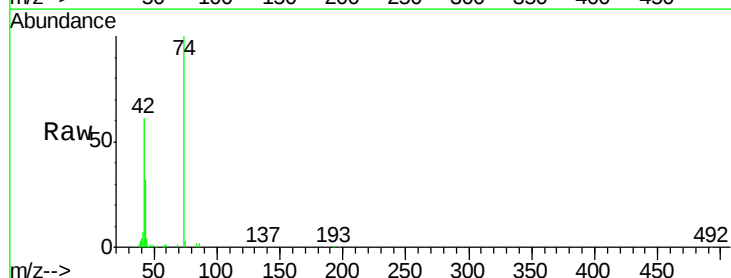
Tgt Ion: 42 Resp: 57134

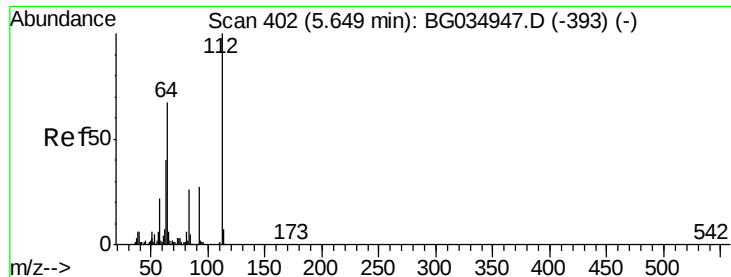
Ion Ratio Lower Upper

42 100

74 163.2 102.5 153.7#

44 6.1 18.9 28.3#





#5

2-Fluorophenol

Concen: 159.150 ng

RT: 5.63 min Scan# 399

Delta R.T. -0.01 min

Lab File: BG035349.D

Acq: 23 Jun 2018 1:12

Instrument :

BNA_G

ClientSampleId :

PB110484BS

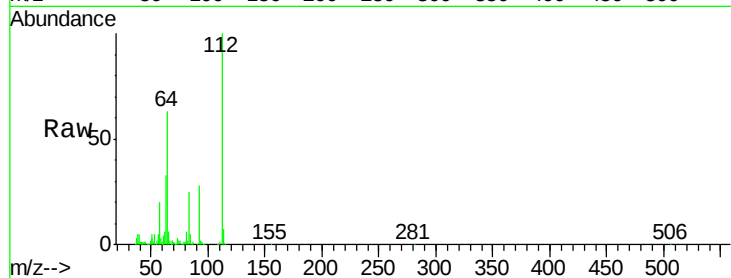
Tgt Ion:112 Resp: 417686

Ion Ratio Lower Upper

112 100

64 62.9 56.3 84.5

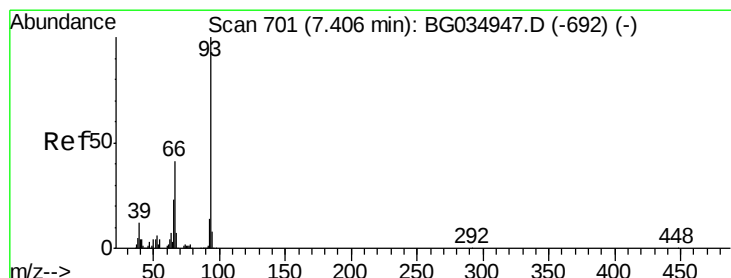
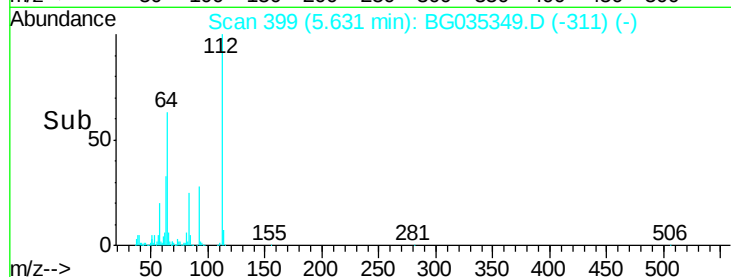
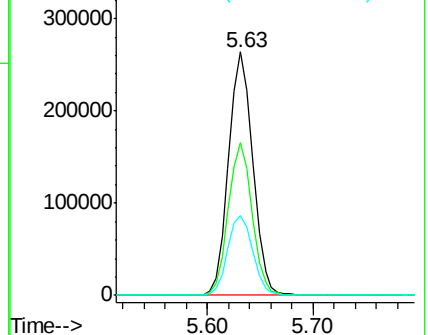
63 32.9 30.1 45.1



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: 16.954 ng

RT: 7.38 min Scan# 697

Delta R.T. -0.02 min

Lab File: BG035349.D

Acq: 23 Jun 2018 1:12

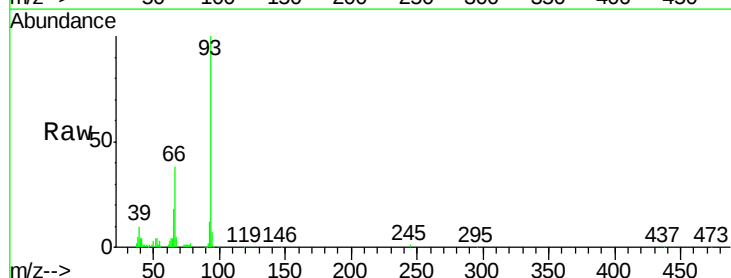
Tgt Ion: 93 Resp: 84891

Ion Ratio Lower Upper

93 100

66 38.0 33.7 50.5

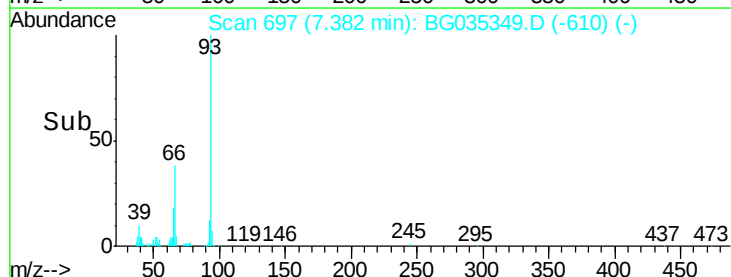
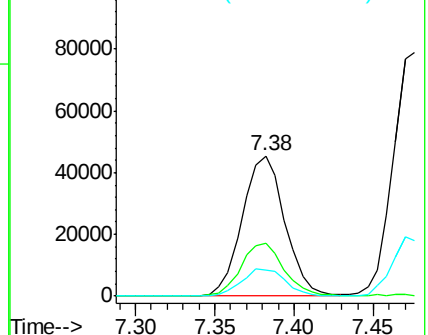
65 18.5 16.1 24.1

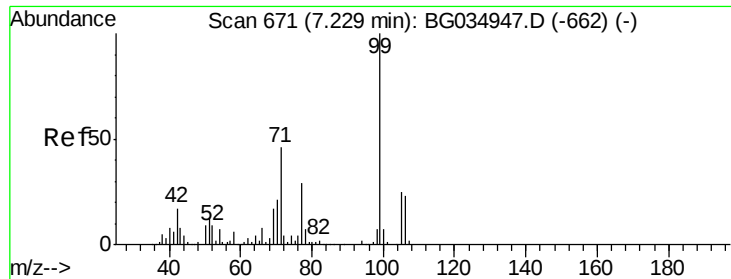


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 156.440 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG035349.D

Acq: 23 Jun 2018 1:12

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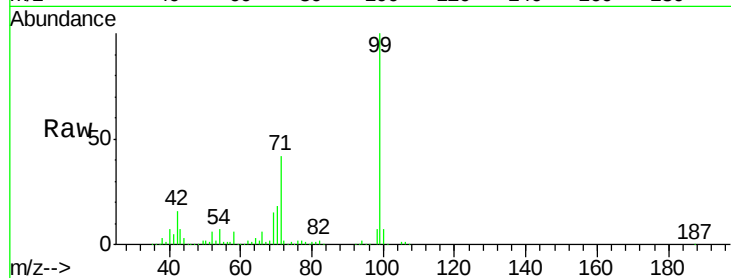
Tgt Ion: 99 Resp: 605982

Ion Ratio Lower Upper

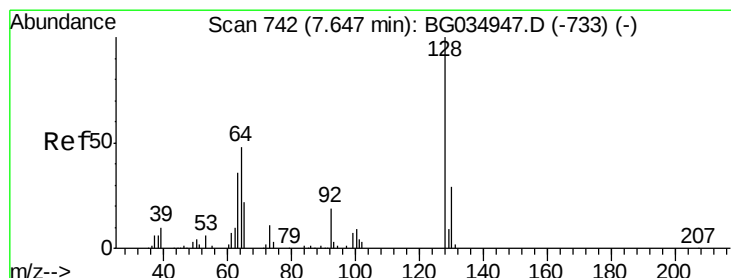
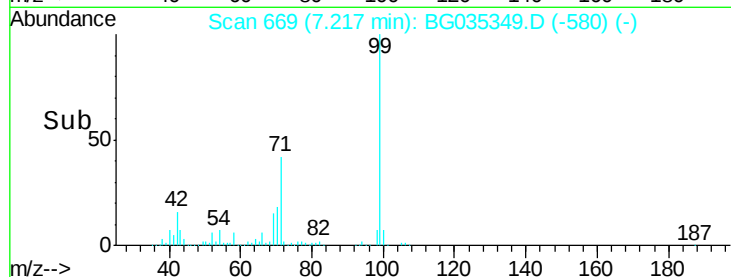
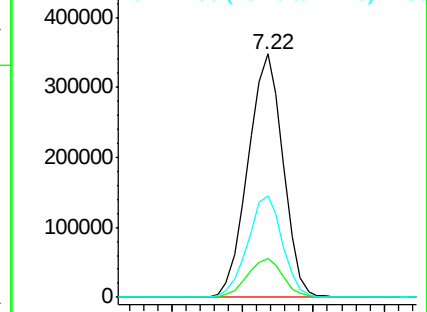
99 100

42 15.9 14.1 21.1

71 41.7 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: 47.702 ng

RT: 7.62 min Scan# 738

Delta R.T. -0.01 min

Lab File: BG035349.D

Acq: 23 Jun 2018 1:12

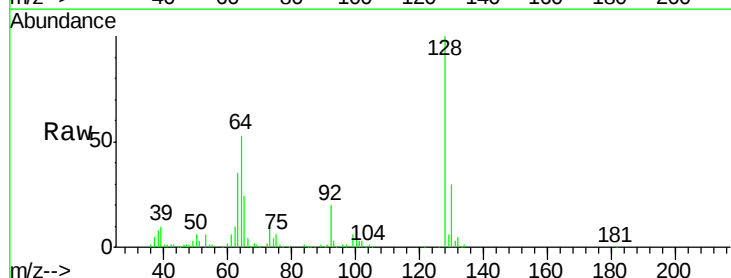
Tgt Ion: 128 Resp: 131229

Ion Ratio Lower Upper

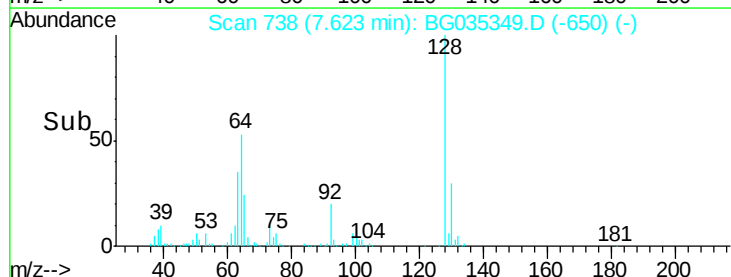
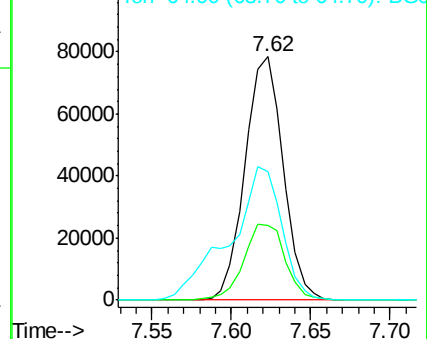
128 100

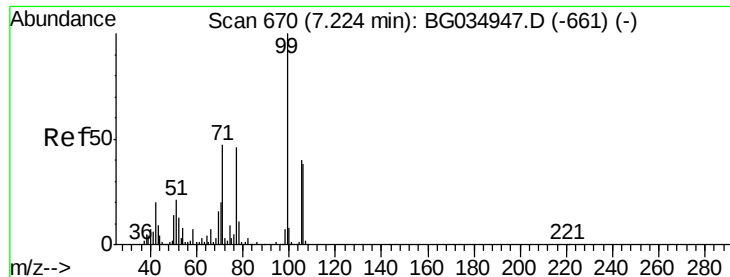
130 30.4 14.0 54.0

64 52.9 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: 24.072 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.02 min

Lab File: BG035349.D

Acq: 23 Jun 2018 1:12

Instrument :

BNA_G

ClientSampleId :

PB110484BS

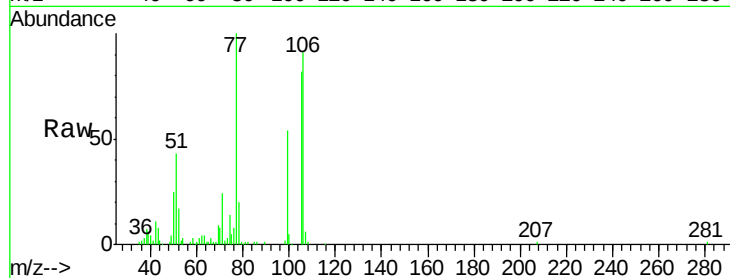
Tgt Ion: 77 Resp: 71824

Ion Ratio Lower Upper

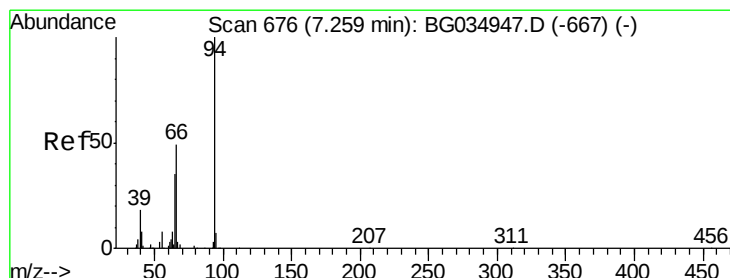
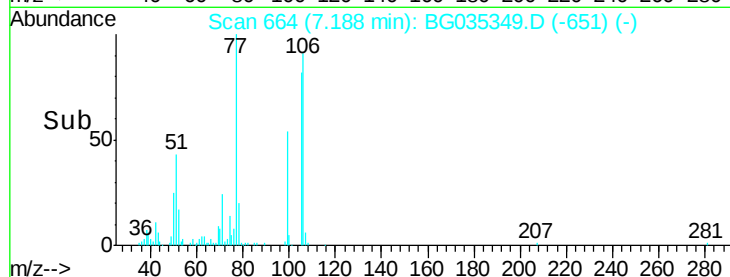
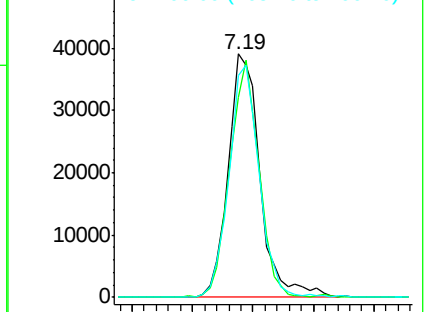
77 100

105 82.2 71.3 111.3

106 91.3 64.2 104.2



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 49.186 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG035349.D

Acq: 23 Jun 2018 1:12

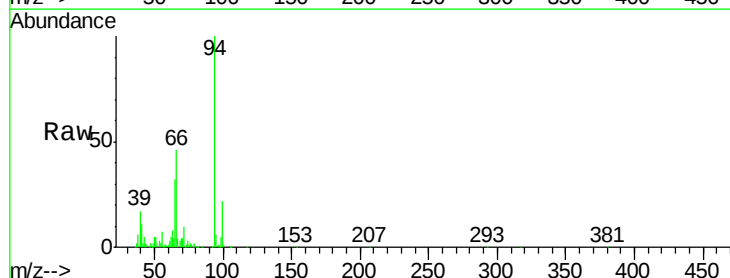
Tgt Ion: 94 Resp: 197171

Ion Ratio Lower Upper

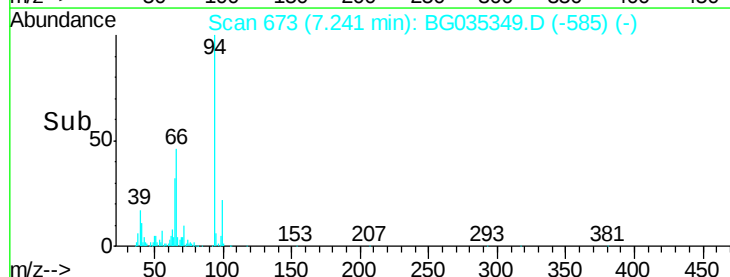
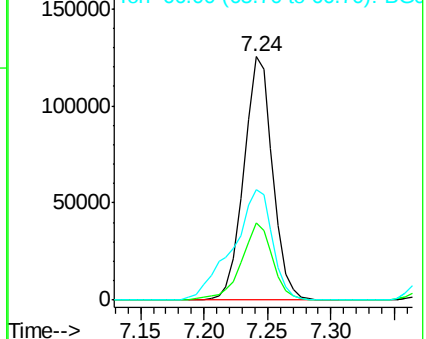
94 100

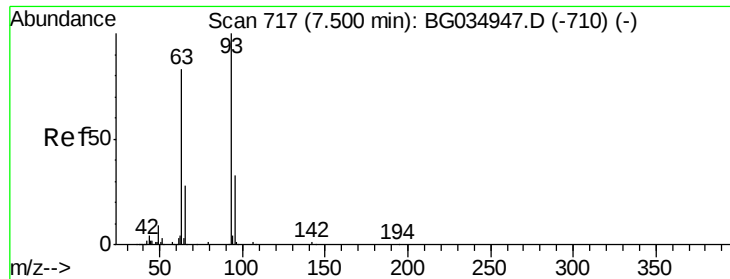
65 31.5 11.9 51.9

66 45.6 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

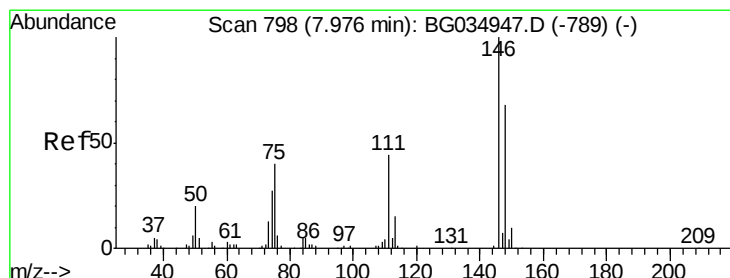
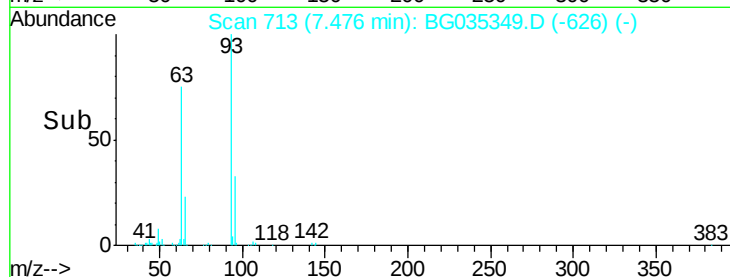
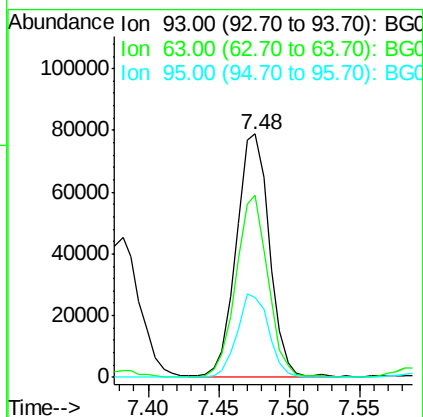
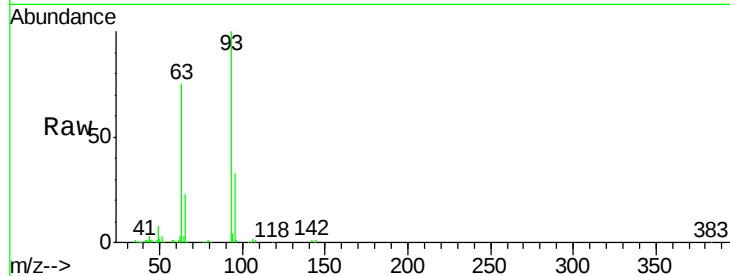




#11
bis(2-Chloroethyl)ether
Concen: 41.246 ng
RT: 7.48 min Scan# 713
Delta R.T. -0.02 min
Lab File: BG035349.D
Acq: 23 Jun 2018 1:12

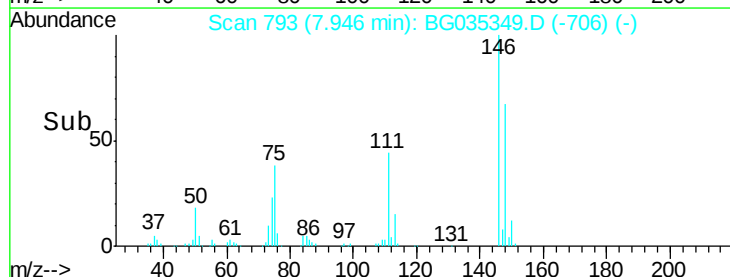
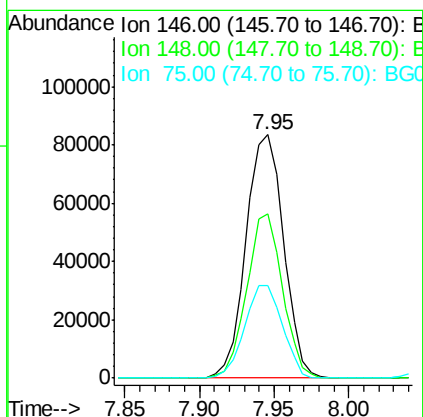
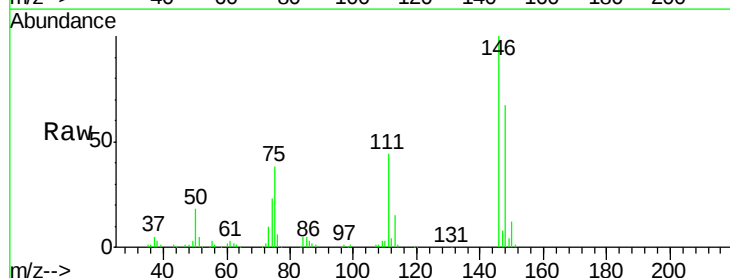
Instrument :
BNA_G
ClientSampleId :
PB110484BS

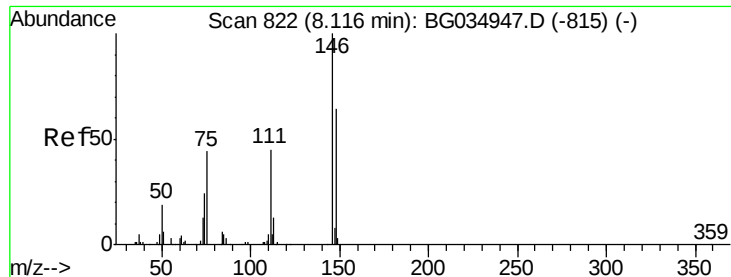
Tgt Ion: 93 Resp: 128334
Ion Ratio Lower Upper
93 100
63 74.7 67.1 107.1
95 32.8 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 44.149 ng
RT: 7.95 min Scan# 793
Delta R.T. -0.02 min
Lab File: BG035349.D
Acq: 23 Jun 2018 1:12

Tgt Ion: 146 Resp: 144912
Ion Ratio Lower Upper
146 100
148 67.4 51.4 77.2
75 38.0 26.6 39.8

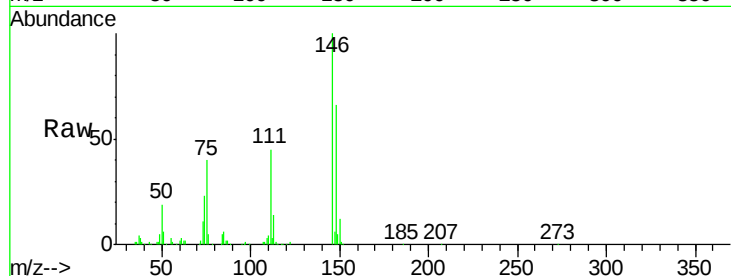




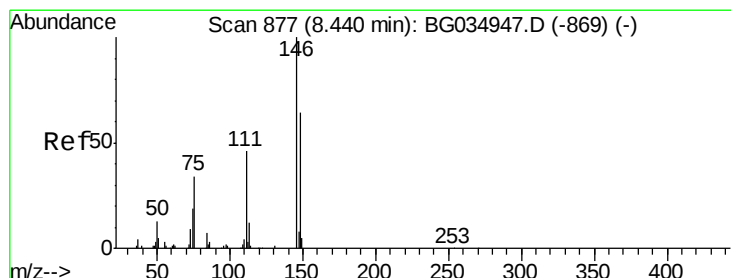
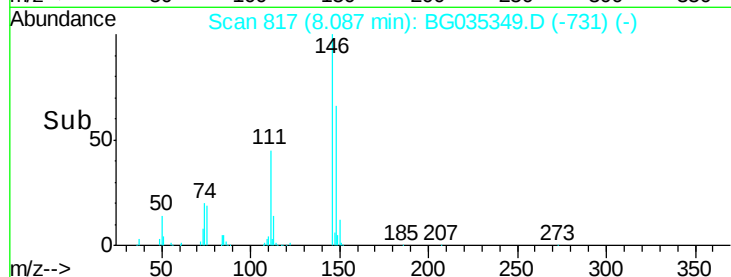
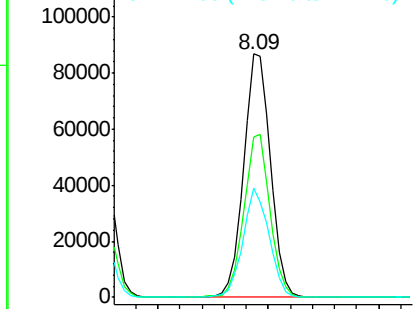
#13
 1,4-Dichlorobenzene
 Concen: 43.799 ng
 RT: 8.09 min Scan# 817
 Delta R.T. -0.02 min
 Lab File: BG035349.D
 Acq: 23 Jun 2018 1:12

Instrument :
 BNA_G
 ClientSampleId :
 PB110484BS

Tgt Ion:146 Resp: 148409
 Ion Ratio Lower Upper
 146 100
 148 66.0 53.7 80.5
 111 45.0 35.2 52.8

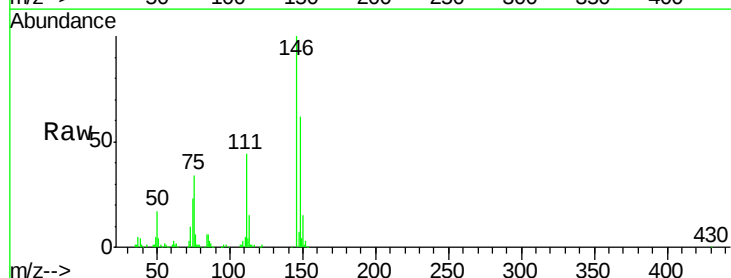


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

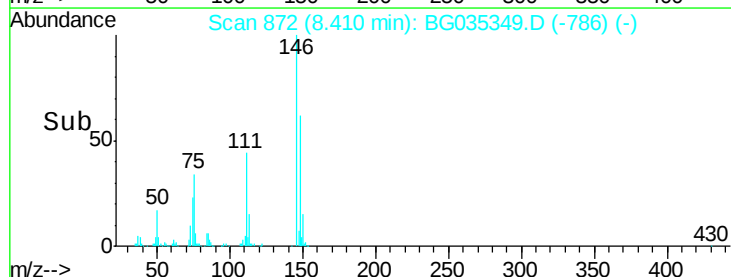
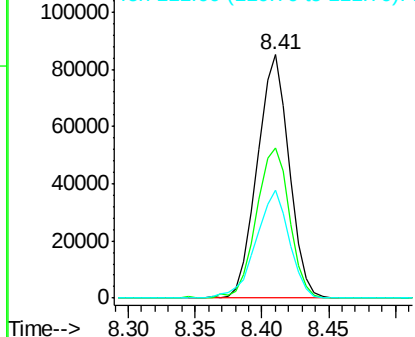


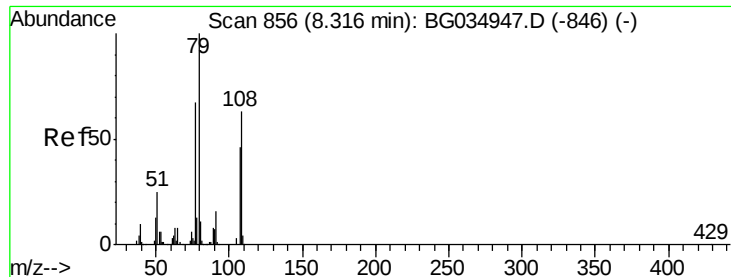
#14
 1,2-Dichlorobenzene
 Concen: 44.078 ng
 RT: 8.41 min Scan# 872
 Delta R.T. -0.02 min
 Lab File: BG035349.D
 Acq: 23 Jun 2018 1:12

Tgt Ion:146 Resp: 140287
 Ion Ratio Lower Upper
 146 100
 148 61.7 49.3 73.9
 111 44.3 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

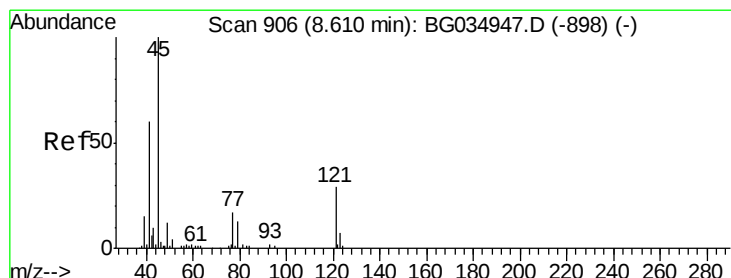
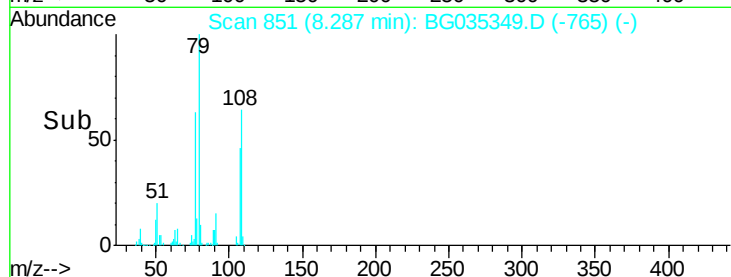
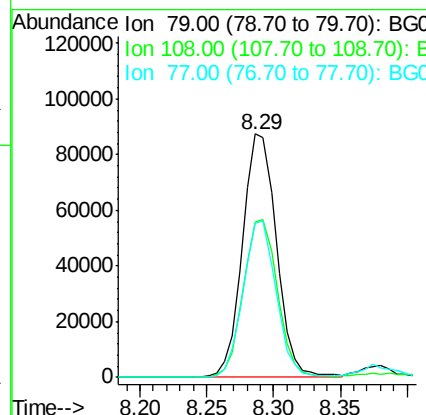
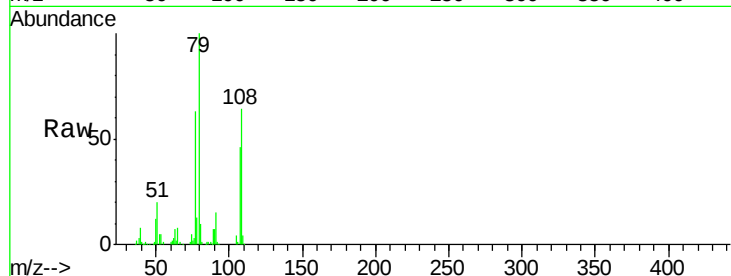




#15
Benzyl Alcohol
Concen: 41.915 ng
RT: 8.29 min Scan# 851
Delta R.T. -0.02 min
Lab File: BG035349.D
Acq: 23 Jun 2018 1:12

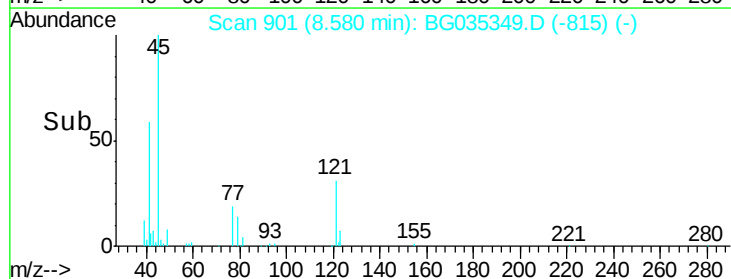
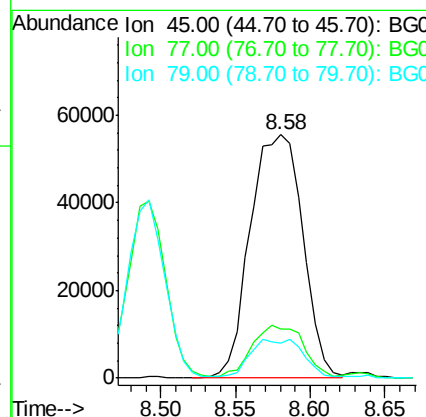
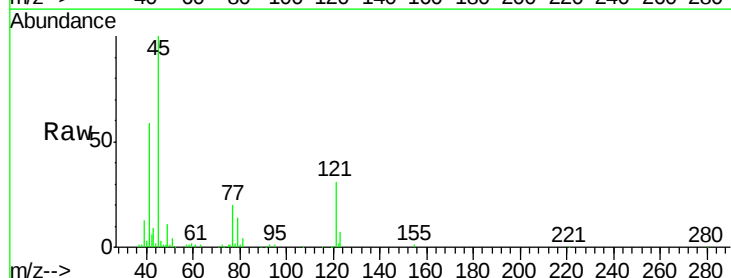
Instrument :
BNA_G
ClientSampleId :
PB110484BS

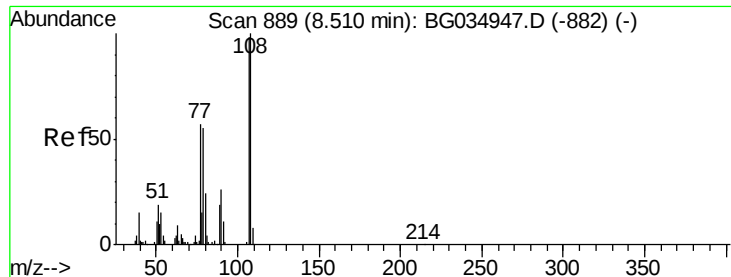
Tgt Ion: 79 Resp: 153847
Ion Ratio Lower Upper
79 100
108 63.9 57.2 85.8
77 63.4 46.1 69.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.825 ng
RT: 8.58 min Scan# 901
Delta R.T. -0.02 min
Lab File: BG035349.D
Acq: 23 Jun 2018 1:12

Tgt Ion: 45 Resp: 135717
Ion Ratio Lower Upper
45 100
77 20.2 0.0 30.2
79 14.5 0.0 27.9





#17

2-Methylphenol

Concen: 49.974 ng

RT: 8.49 min Scan# 886

Delta R.T. -0.01 min

Lab File: BG035349.D

Acq: 23 Jun 2018 1:12

Instrument :

BNA_G

ClientSampleId :

PB110484BS

Tgt Ion:107 Resp: 132077

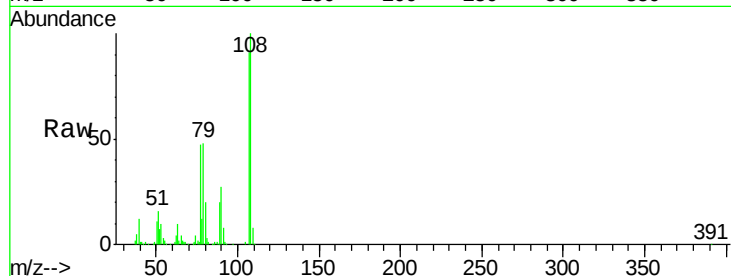
Ion Ratio Lower Upper

107 100

108 109.6 83.9 125.9

77 51.4 37.2 55.8

79 52.1 36.2 54.2

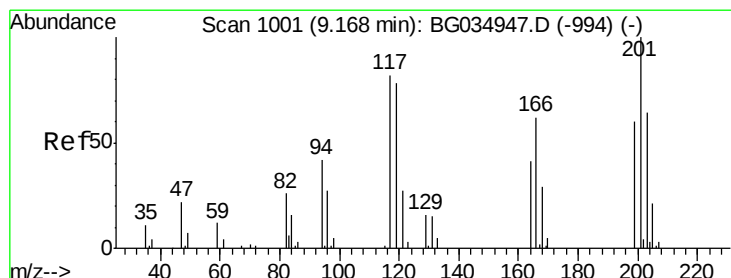
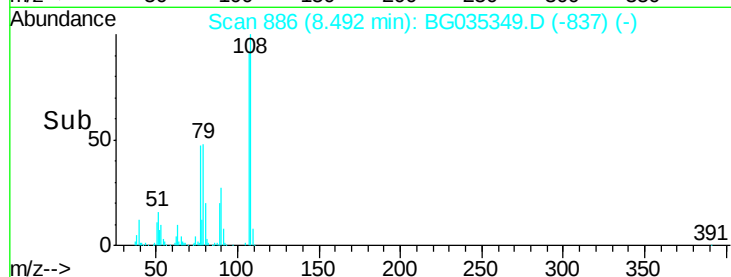
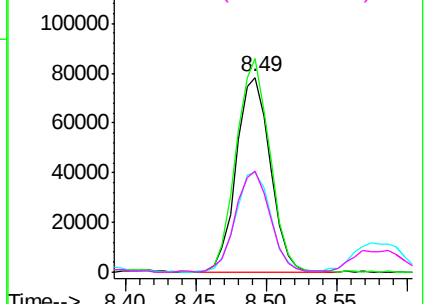


Abundance Ion 107.00 (106.70 to 107.70): E

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: 44.581 ng

RT: 9.14 min Scan# 996

Delta R.T. -0.02 min

Lab File: BG035349.D

Acq: 23 Jun 2018 1:12

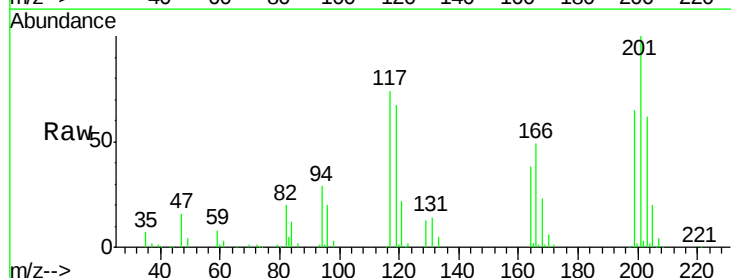
Tgt Ion:117 Resp: 54080

Ion Ratio Lower Upper

117 100

119 91.4 76.7 115.1

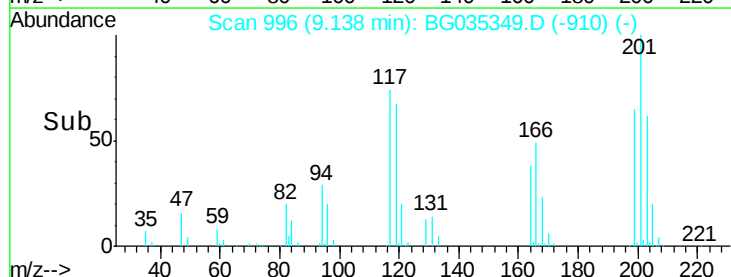
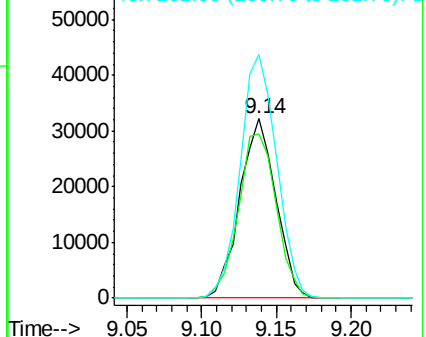
201 135.6 95.7 143.5

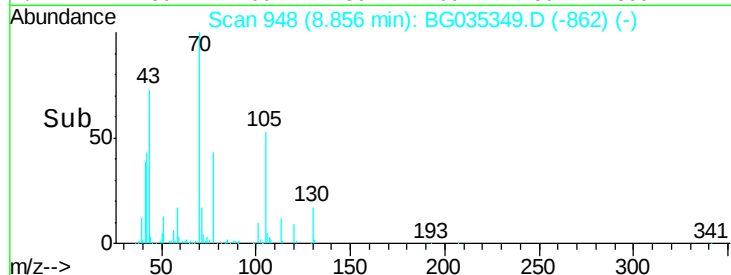
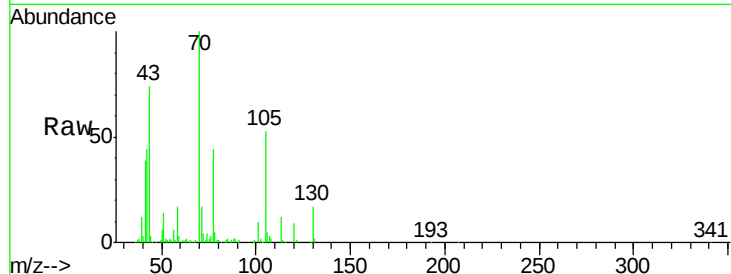
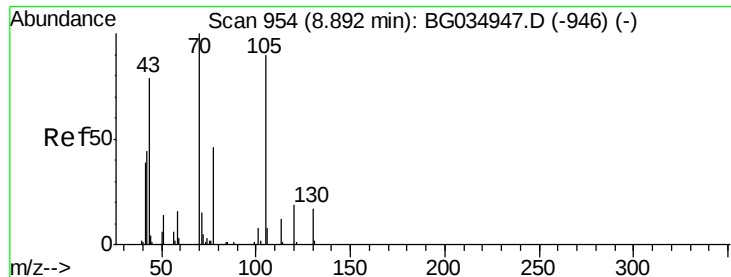


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

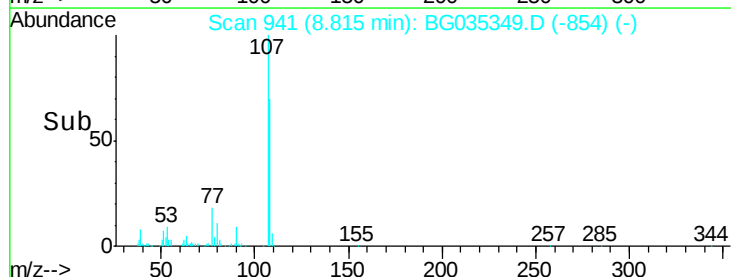
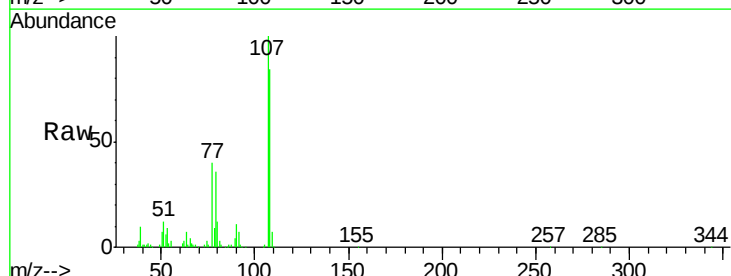
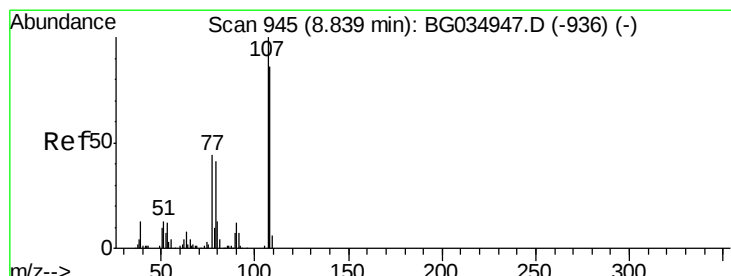
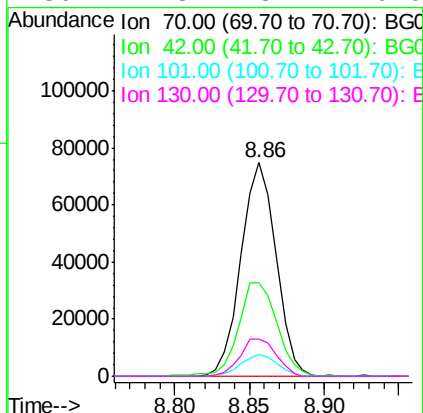




#19
n-Nitroso-di-n-propylamine
Concen: 36.932 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.02 min
Lab File: BG035349.D
Acq: 23 Jun 2018 1:12

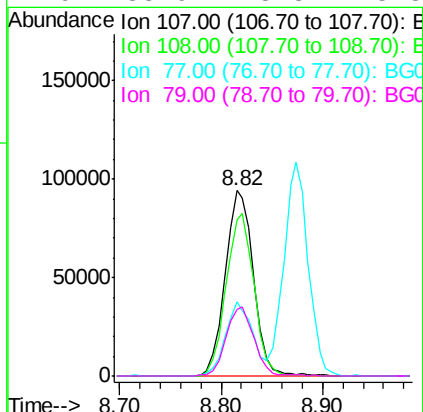
Instrument :
BNA_G
ClientSampleId :
PB110484BS

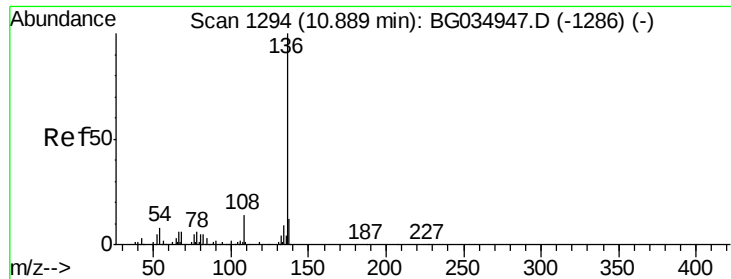
Tgt Ion:	70	Resp:	121541
Ion	Ratio	Lower	Upper
70	100		
42	43.6	49.1	73.7#
101	10.3	8.5	12.7
130	17.3	13.4	20.0



#20
3+4-Methylphenols
Concen: 47.722 ng
RT: 8.82 min Scan# 941
Delta R.T. -0.02 min
Lab File: BG035349.D
Acq: 23 Jun 2018 1:12

Tgt Ion:	107	Resp:	180784
Ion	Ratio	Lower	Upper
107	100		
108	84.0	61.6	101.6
77	40.0	13.9	53.9
79	35.9	8.8	48.8

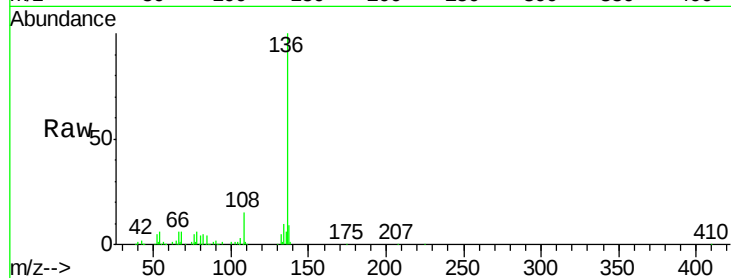




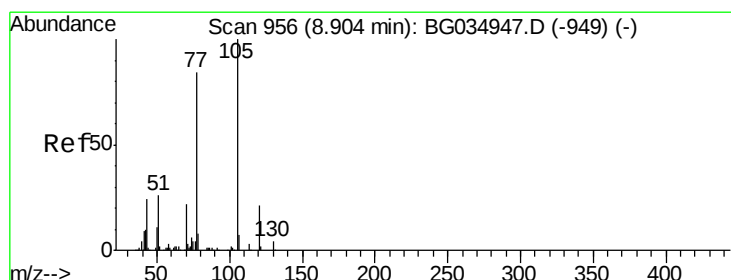
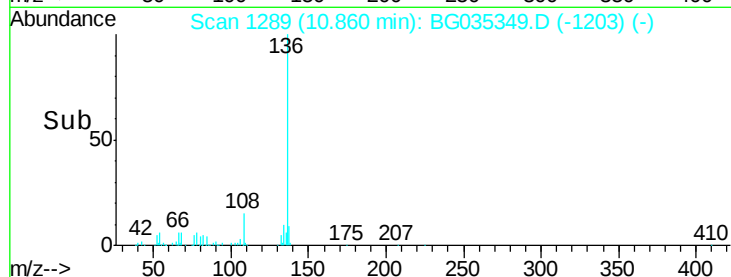
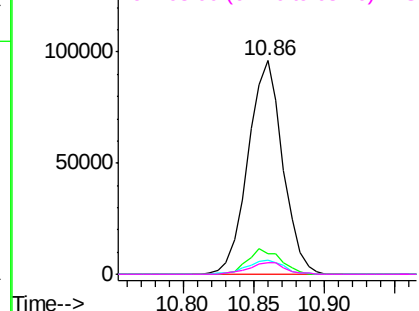
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BG035349.D
Acq: 23 Jun 2018 1:12

Instrument :
BNA_G
ClientSampleId :
PB110484BS

Tgt Ion:	136	Resp:	165018
Ion	Ratio	Lower	Upper
136	100		
137	9.5	9.2	13.8
54	6.4	10.3	15.5#
68	5.6	4.5	6.7

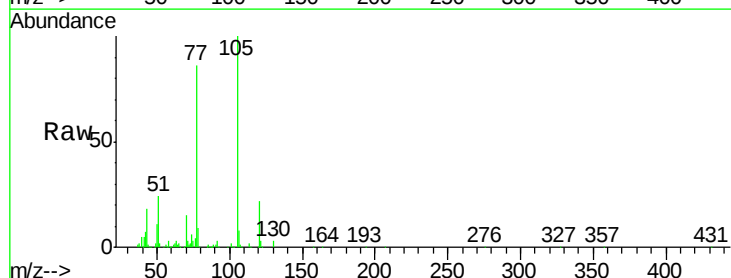


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

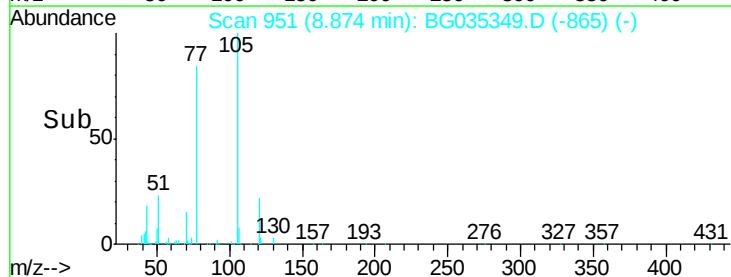
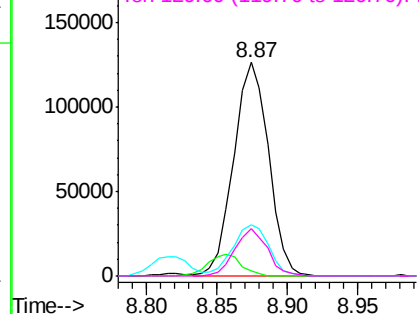


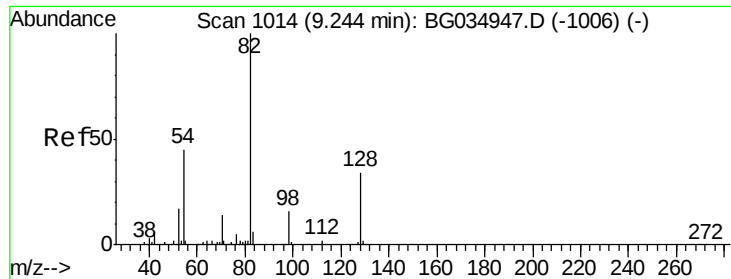
#22
Acetophenone
Concen: 42.548 ng
RT: 8.87 min Scan# 951
Delta R.T. -0.02 min
Lab File: BG035349.D
Acq: 23 Jun 2018 1:12

Tgt Ion:	105	Resp:	217494
Ion	Ratio	Lower	Upper
105	100		
71	2.6	3.0	4.4#
51	24.3	26.1	39.1#
120	21.9	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

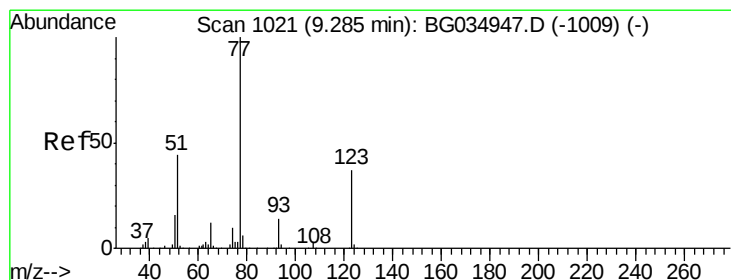
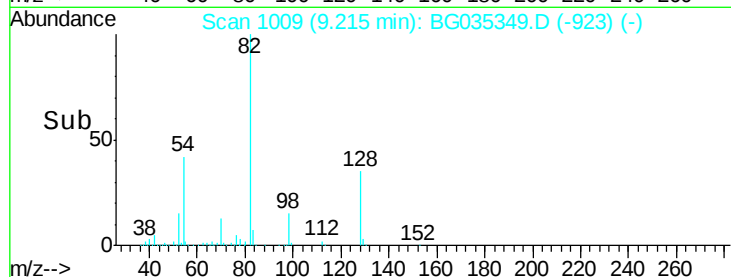
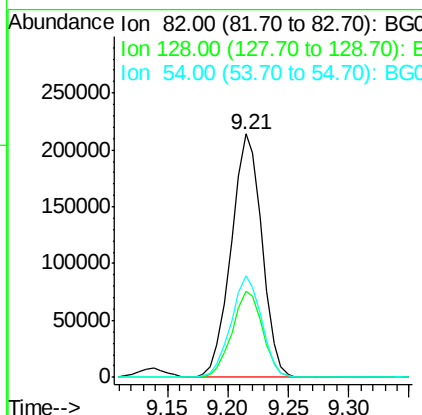
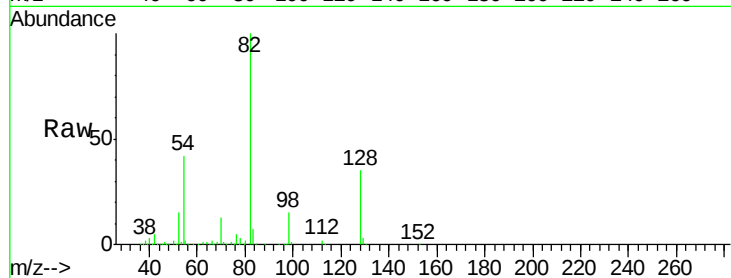




#23
 Nitrobenzene-d5
 Concen: 109.337 ng
 RT: 9.21 min Scan# 1009
 Delta R.T. -0.02 min
 Lab File: BG035349.D
 Acq: 23 Jun 2018 1:12

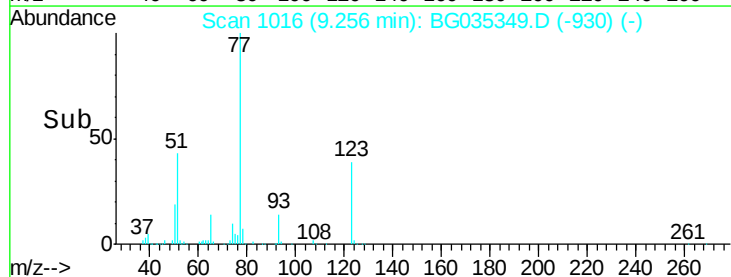
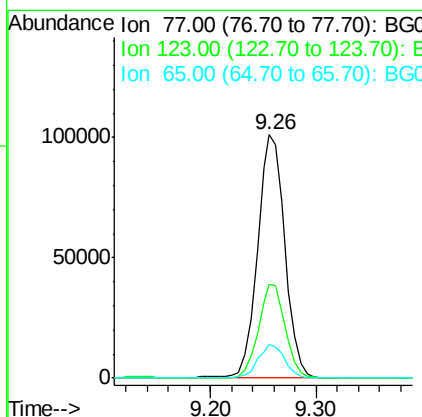
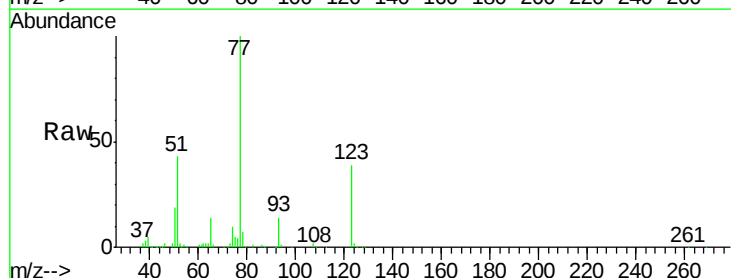
Instrument :
 BNA_G
 ClientSampleId :
 PB110484BS

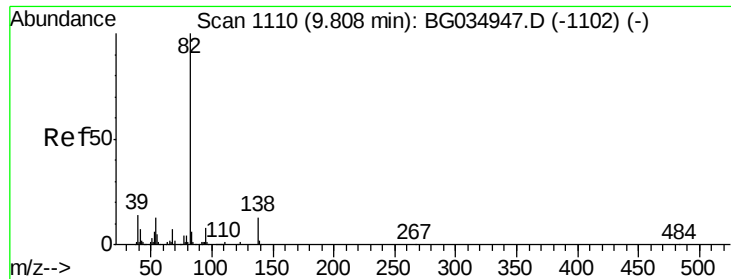
Tgt Ion: 82 Resp: 379569
 Ion Ratio Lower Upper
 82 100
 128 35.3 29.7 44.5
 54 41.9 43.1 64.7#



#24
 Nitrobenzene
 Concen: 51.001 ng
 RT: 9.26 min Scan# 1016
 Delta R.T. -0.02 min
 Lab File: BG035349.D
 Acq: 23 Jun 2018 1:12

Tgt Ion: 77 Resp: 181302
 Ion Ratio Lower Upper
 77 100
 123 38.7 33.0 49.6
 65 13.9 13.0 19.6





#25

Isophorone

Concen: 46.963 ng

RT: 9.78 min Scan# 1105

Delta R.T. -0.02 min

Lab File: BG035349.D

Acq: 23 Jun 2018 1:12

Instrument :

BNA_G

ClientSampleId :

PB110484BS

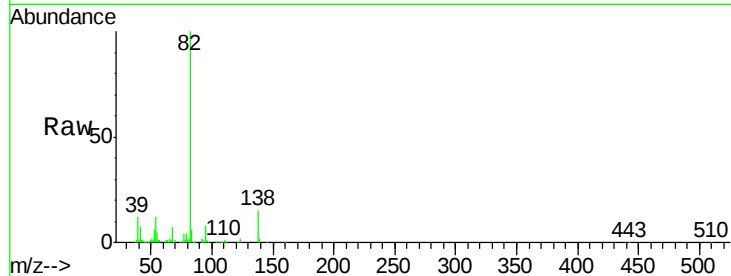
Tgt Ion: 82 Resp: 344218

Ion Ratio Lower Upper

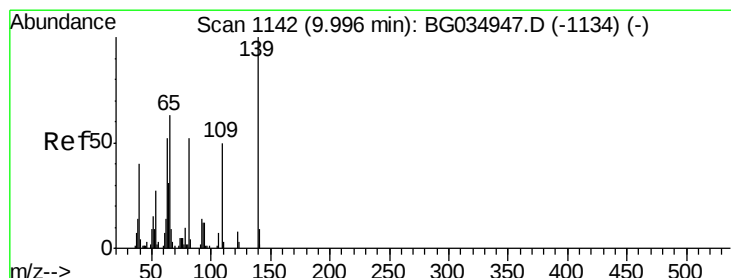
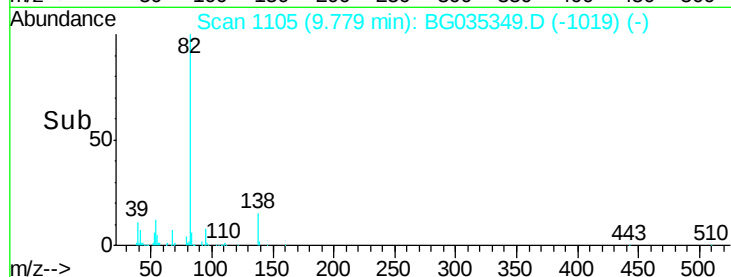
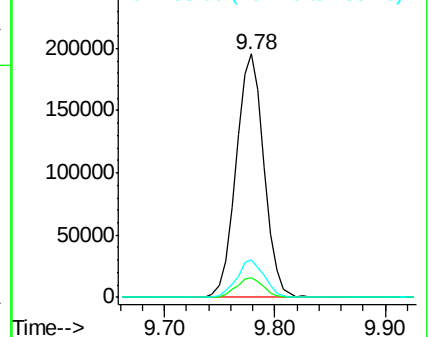
82 100

95 8.1 6.2 9.2

138 15.2 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: 60.288 ng

RT: 9.97 min Scan# 1137

Delta R.T. -0.02 min

Lab File: BG035349.D

Acq: 23 Jun 2018 1:12

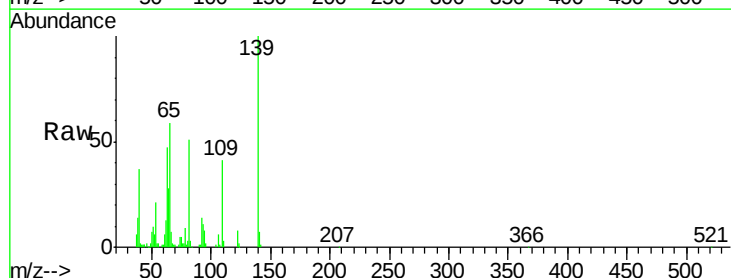
Tgt Ion: 139 Resp: 73874

Ion Ratio Lower Upper

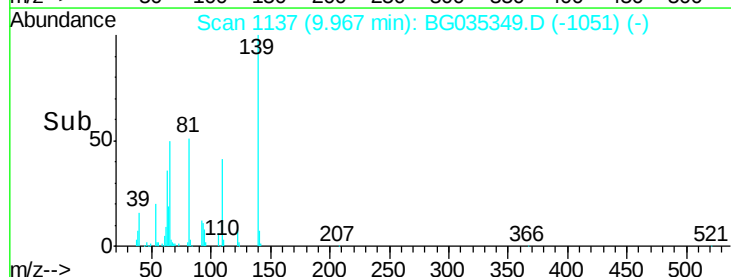
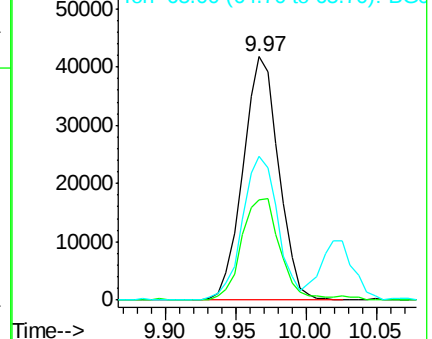
139 100

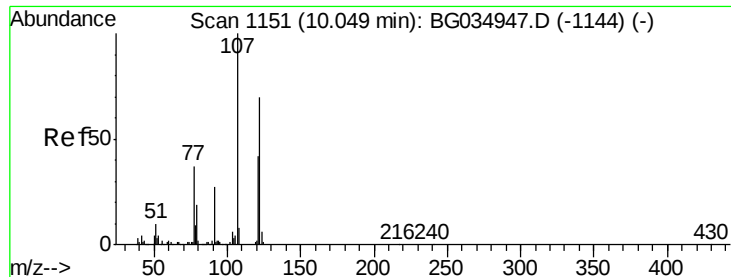
109 41.4 24.2 36.2#

65 59.3 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

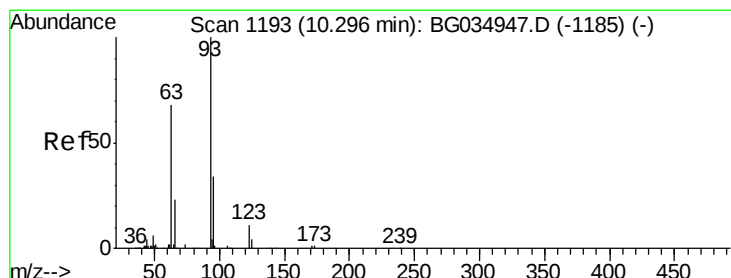
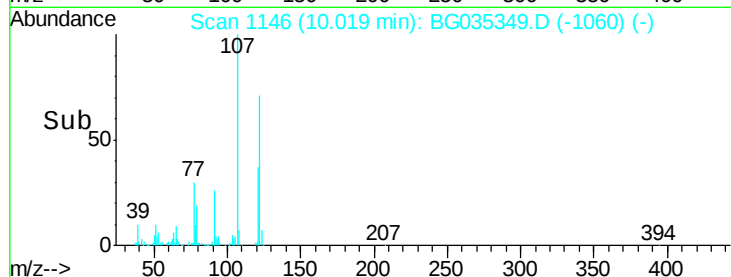
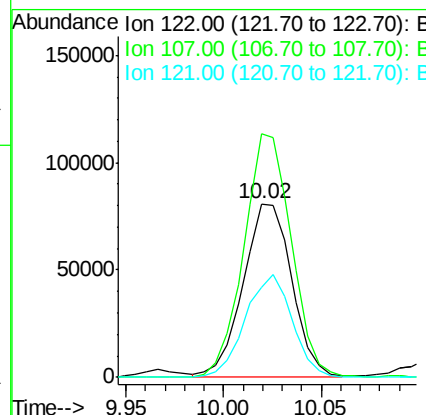
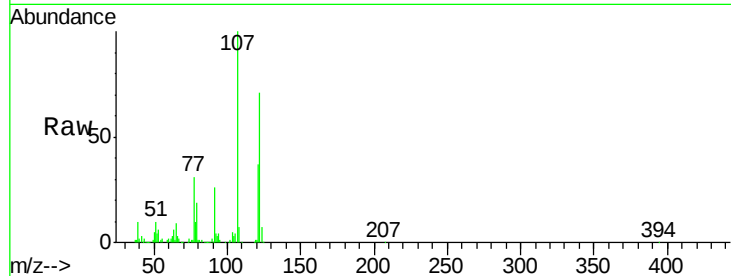




#27
2,4-Dimethylphenol
Concen: 53.853 ng
RT: 10.02 min Scan# 1146
Delta R.T. -0.02 min
Lab File: BG035349.D
Acq: 23 Jun 2018 1:12

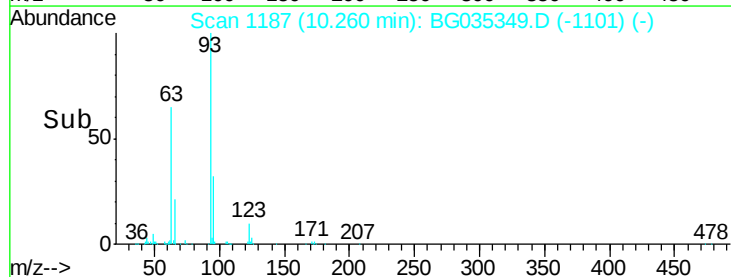
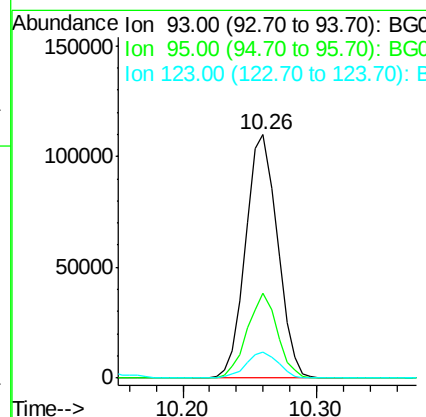
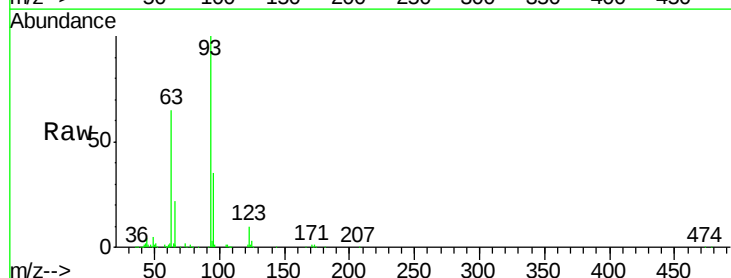
Instrument :
BNA_G
ClientSampleId :
PB110484BS

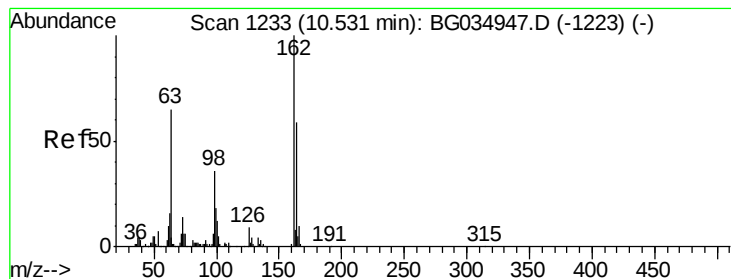
Tgt Ion:122 Resp: 138705
Ion Ratio Lower Upper
122 100
107 140.1 100.2 150.2
121 51.4 44.4 66.6



#28
bis(2-Chloroethoxy)methane
Concen: 46.088 ng
RT: 10.26 min Scan# 1187
Delta R.T. -0.02 min
Lab File: BG035349.D
Acq: 23 Jun 2018 1:12

Tgt Ion: 93 Resp: 181528
Ion Ratio Lower Upper
93 100
95 34.8 24.3 36.5
123 10.5 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 56.402 ng

RT: 10.50 min Scan# 1228

Delta R.T. -0.02 min

Lab File: BG035349.D

Acq: 23 Jun 2018 1:12

Instrument :

BNA_G

ClientSampleId :

PB110484BS

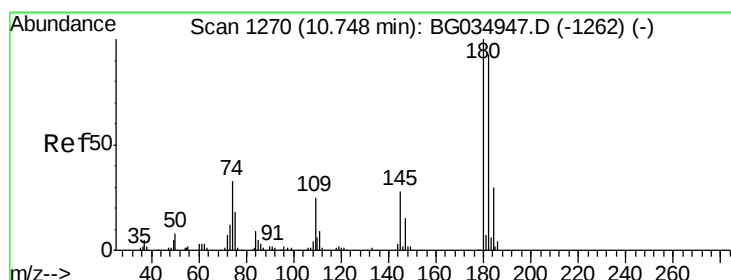
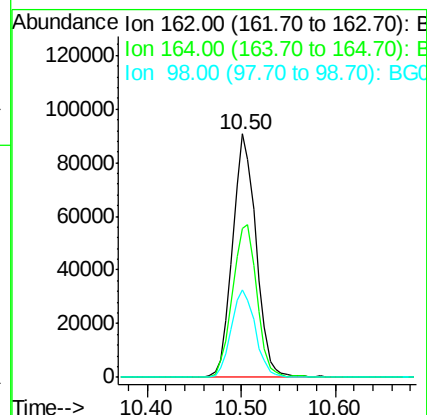
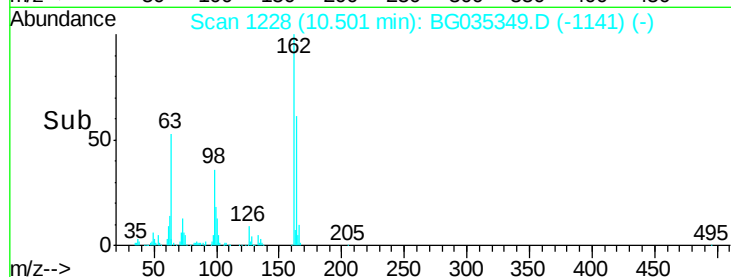
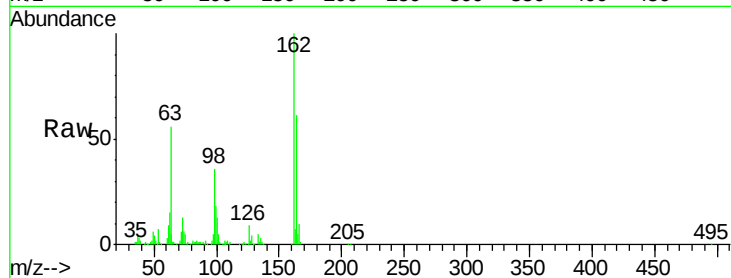
Tgt Ion:162 Resp: 158067

Ion Ratio Lower Upper

162 100

164 61.2 48.0 88.0

98 35.9 21.1 61.1



#30

1,2,4-Trichlorobenzene

Concen: 47.289 ng

RT: 10.72 min Scan# 1265

Delta R.T. -0.02 min

Lab File: BG035349.D

Acq: 23 Jun 2018 1:12

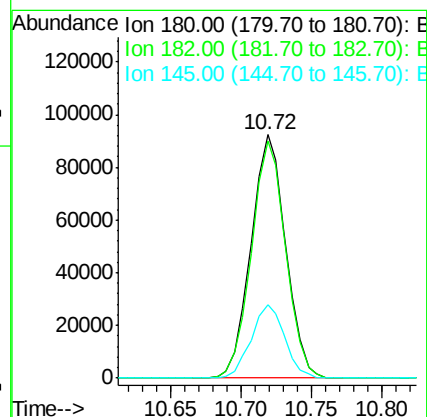
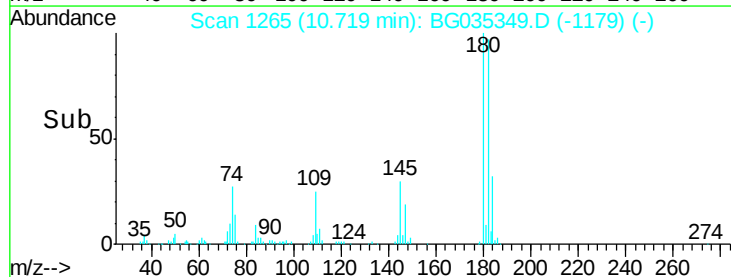
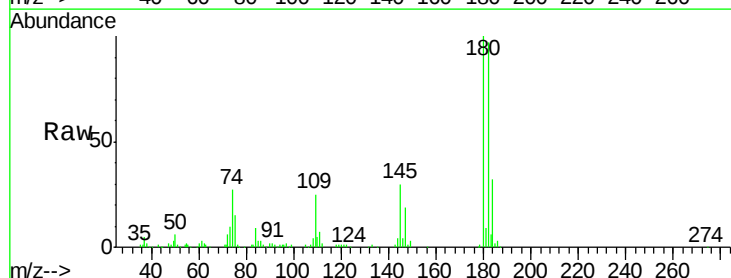
Tgt Ion:180 Resp: 158913

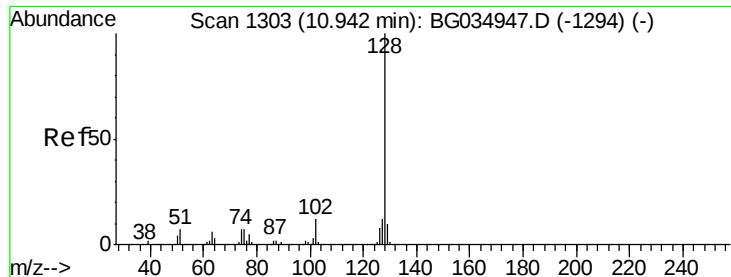
Ion Ratio Lower Upper

180 100

182 97.4 77.5 116.3

145 29.9 23.4 35.2

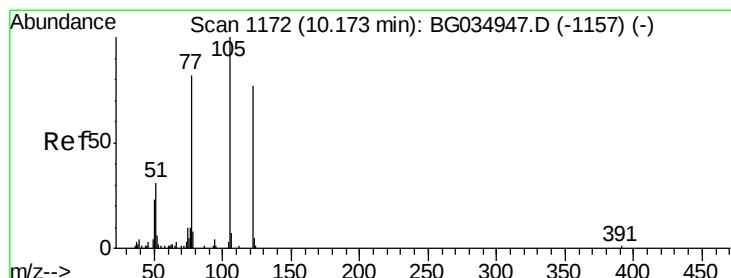
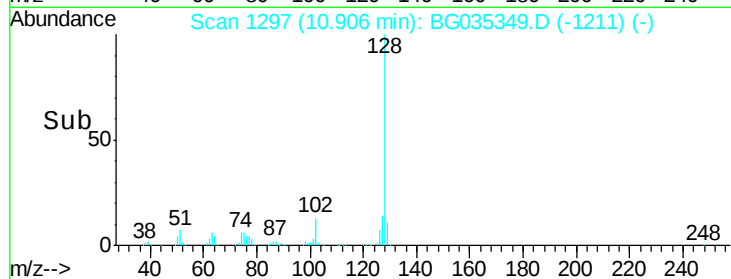
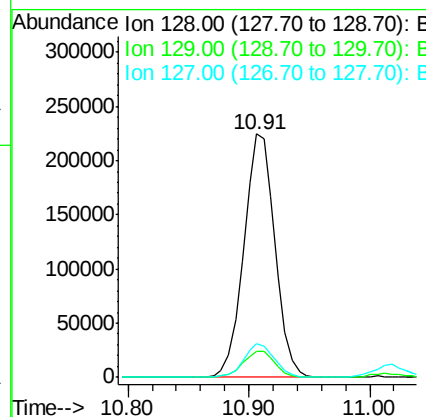
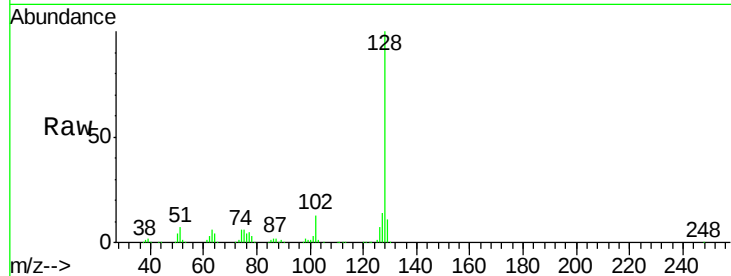




#31
Naphthalene
Concen: 46.828 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BG035349.D
Acq: 23 Jun 2018 1:12

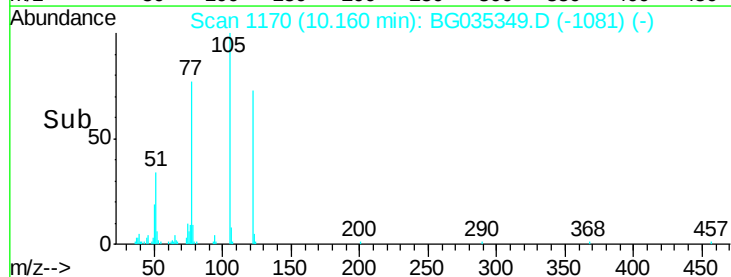
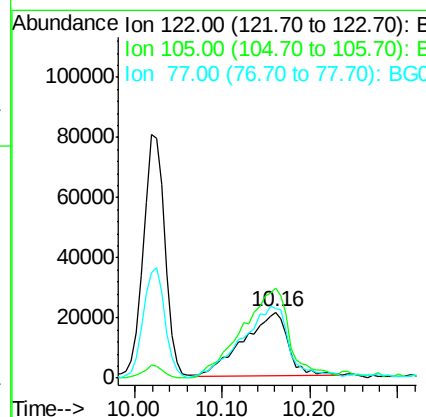
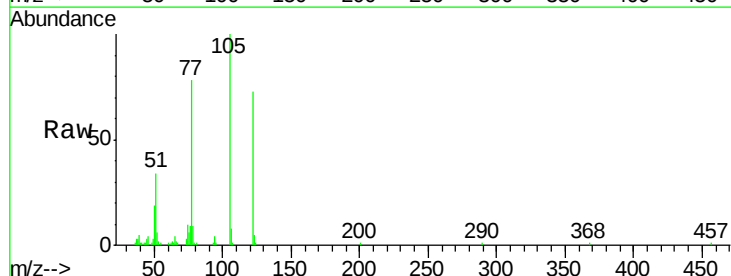
Instrument :
BNA_G
ClientSampleId :
PB110484BS

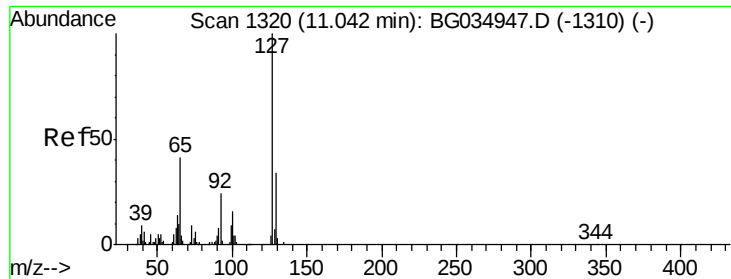
Tgt Ion:128 Resp: 401431
Ion Ratio Lower Upper
128 100
129 10.8 8.6 12.8
127 13.8 11.6 17.4



#32
Benzoic acid
Concen: 43.509 ng
RT: 10.16 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BG035349.D
Acq: 23 Jun 2018 1:12

Tgt Ion:122 Resp: 75060
Ion Ratio Lower Upper
122 100
105 137.1 123.5 163.5
77 106.5 85.7 125.7

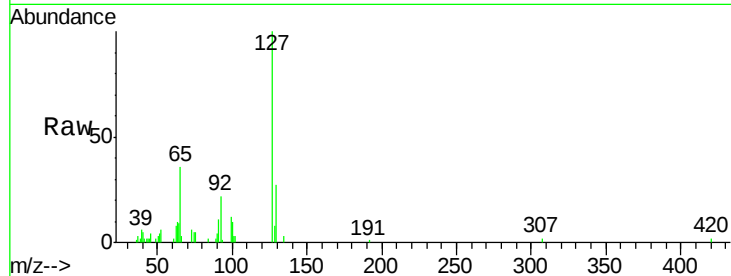




#33
4-Chloroaniline
Concen: 6.240 ng
RT: 11.02 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG035349.D
Acq: 23 Jun 2018 1:12

Instrument :
BNA_G
ClientSampleId :
PB110484BS

Tgt Ion	Ratio	Lower	Upper
127	100		
129	27.0	24.0	36.0
65	36.1	27.0	40.4
92	21.7	16.6	25.0



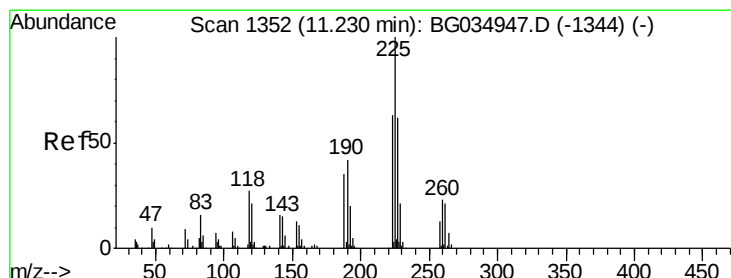
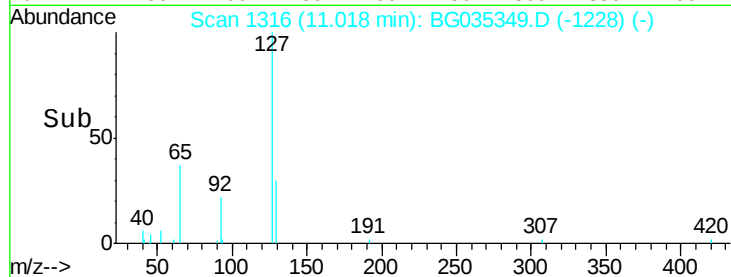
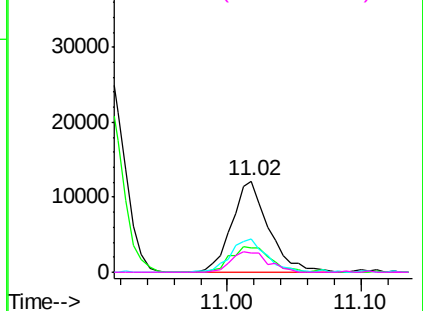
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

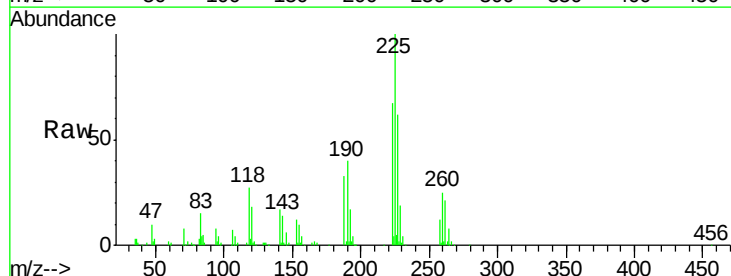
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 47.128 ng
RT: 11.19 min Scan# 1345
Delta R.T. -0.03 min
Lab File: BG035349.D
Acq: 23 Jun 2018 1:12

Tgt Ion	Ratio	Lower	Upper
225	100		
223	67.5	49.7	74.5
227	62.1	48.1	72.1

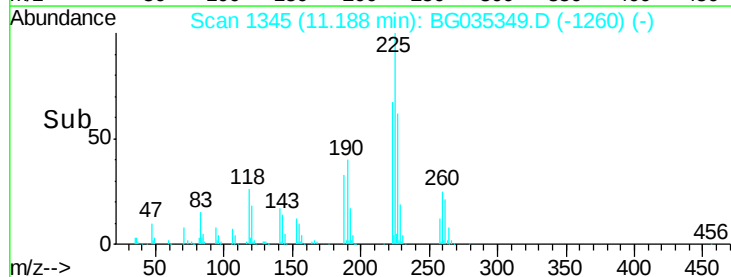
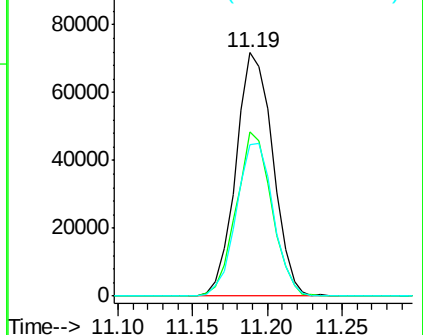


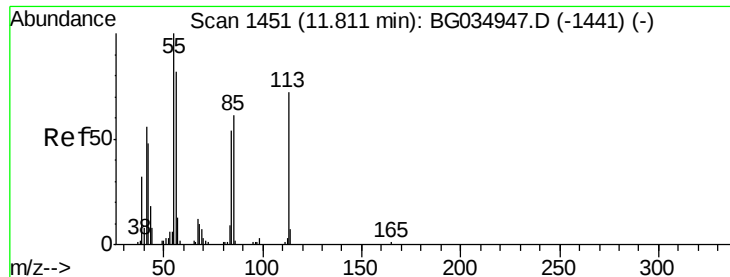
Abundance

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: 35.960 ng

RT: 11.79 min Scan# 1448

Delta R.T. -0.01 min

Lab File: BG035349.D

Acq: 23 Jun 2018 1:12

Instrument :

BNA_G

ClientSampleId :

PB110484BS

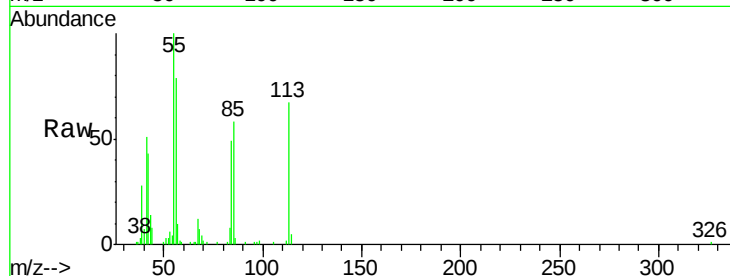
Tgt Ion:113 Resp: 37245

Ion Ratio Lower Upper

113 100

55 150.0 186.9 226.9#

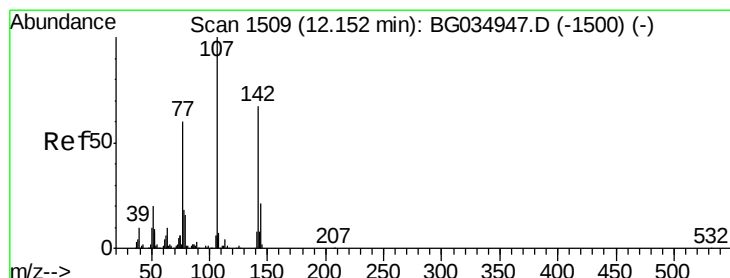
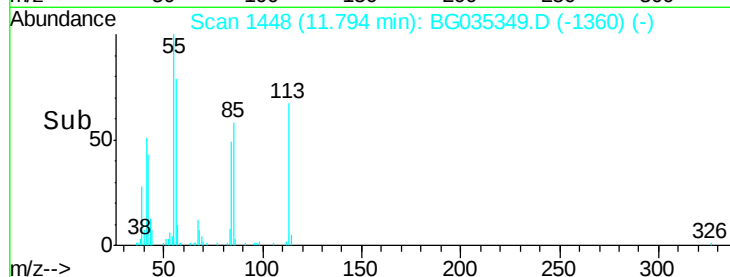
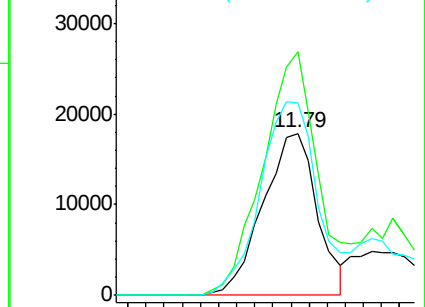
56 118.9 130.9 170.9#



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: 54.011 ng

RT: 12.13 min Scan# 1505

Delta R.T. -0.01 min

Lab File: BG035349.D

Acq: 23 Jun 2018 1:12

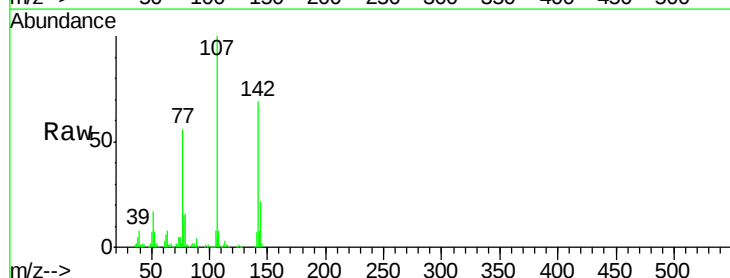
Tgt Ion:107 Resp: 188686

Ion Ratio Lower Upper

107 100

144 22.4 18.2 27.4

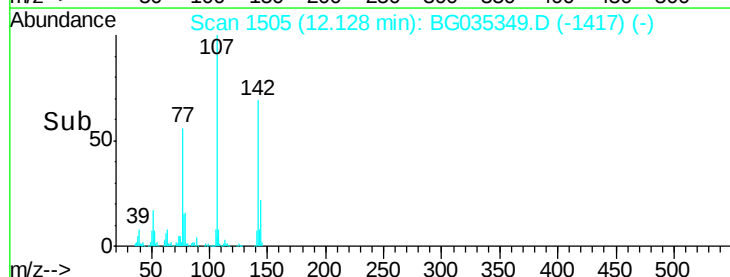
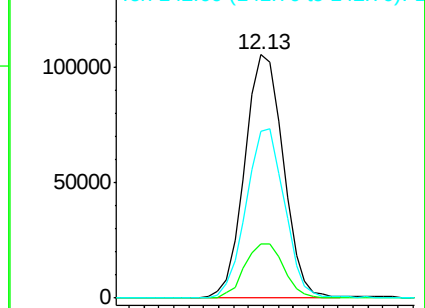
142 68.5 59.0 88.4

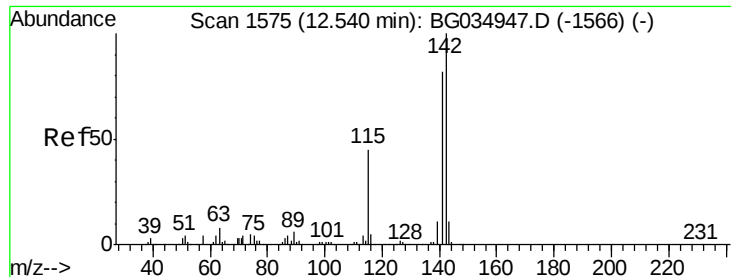


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

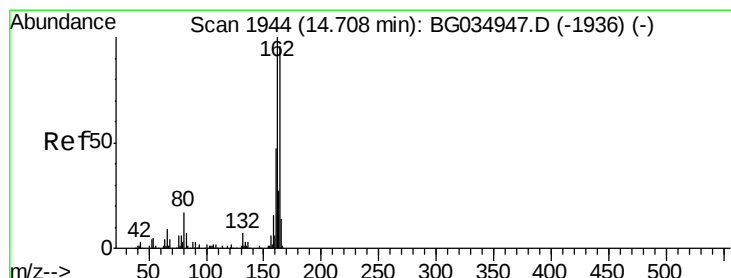
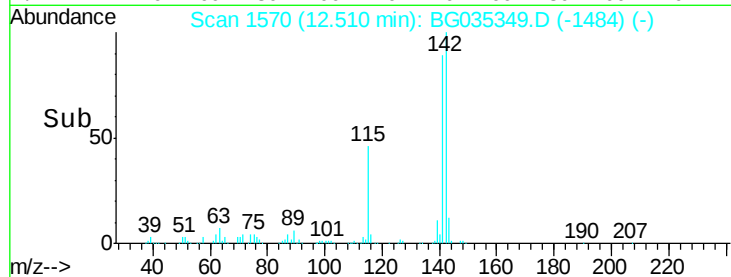
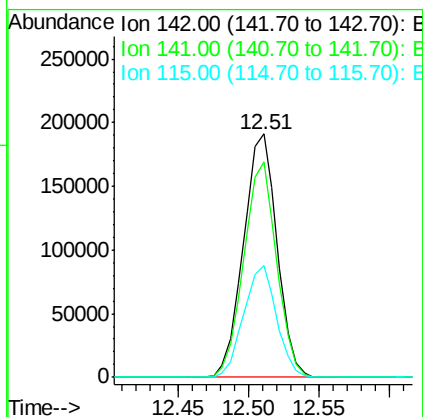
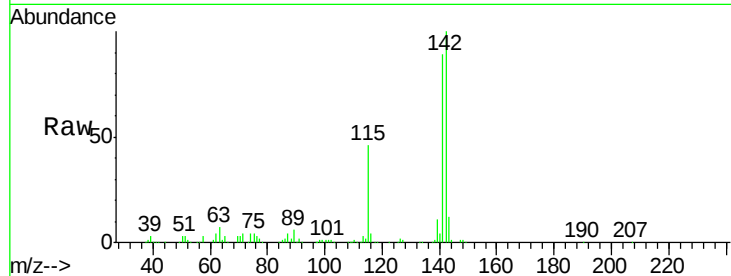




#37
 2-Methylnaphthalene
 Concen: 49.002 ng
 RT: 12.51 min Scan# 1570
 Delta R.T. -0.02 min
 Lab File: BG035349.D
 Acq: 23 Jun 2018 1:12

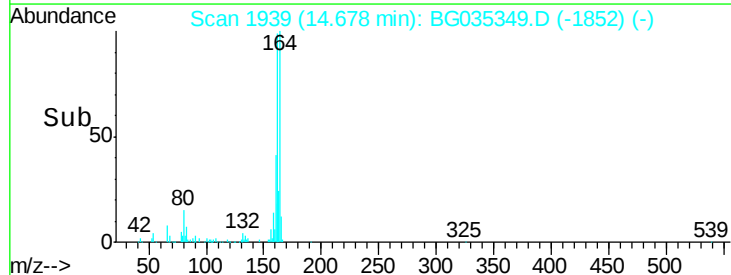
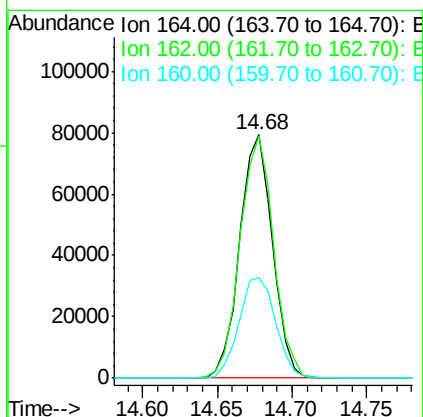
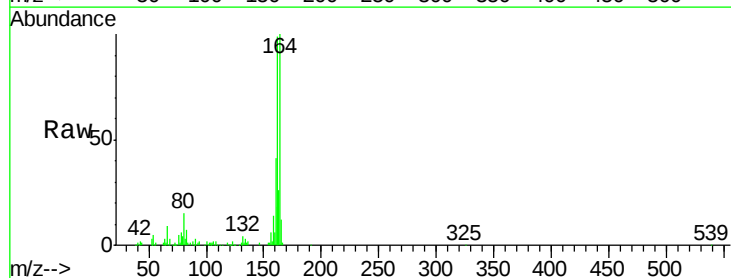
Instrument :
 BNA_G
 ClientSampleID :
 PB110484BS

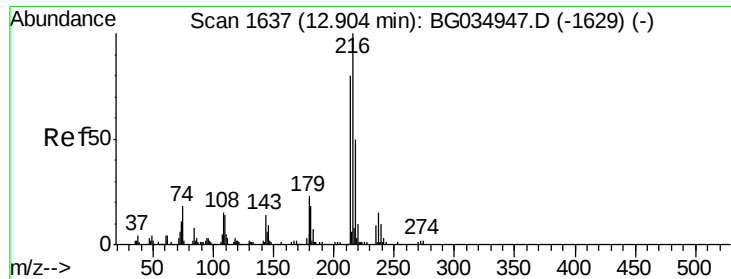
Tgt Ion:142 Resp: 318483
 Ion Ratio Lower Upper
 142 100
 141 88.7 67.1 100.7
 115 46.1 30.7 46.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.02 min
 Lab File: BG035349.D
 Acq: 23 Jun 2018 1:12

Tgt Ion:164 Resp: 120596
 Ion Ratio Lower Upper
 164 100
 162 99.3 78.8 118.2
 160 41.2 35.4 53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 47.612 ng

RT: 12.87 min Scan# 1632

Delta R.T. -0.02 min

Lab File: BG035349.D

Acq: 23 Jun 2018 1:12

Instrument :

BNA_G

ClientSampleId :

PB110484BS

Tgt Ion:216 Resp: 213872

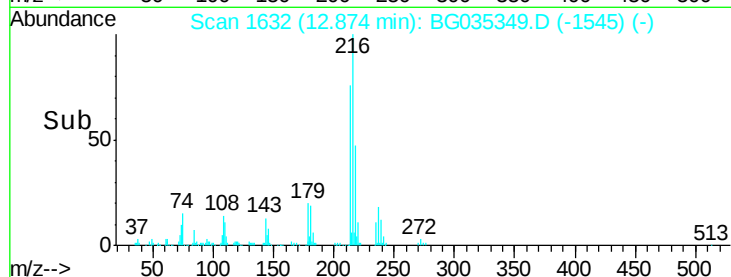
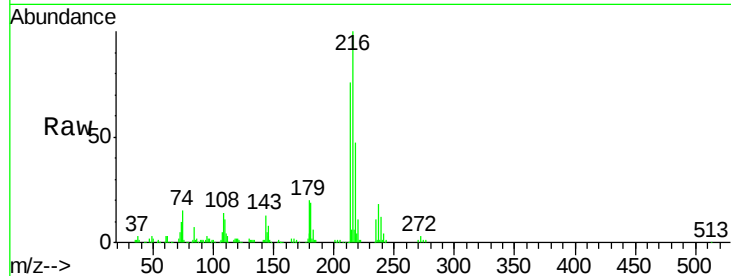
Ion Ratio Lower Upper

216 100

214 79.5 63.0 94.4

179 20.1 17.0 25.6

108 16.9 12.8 19.2

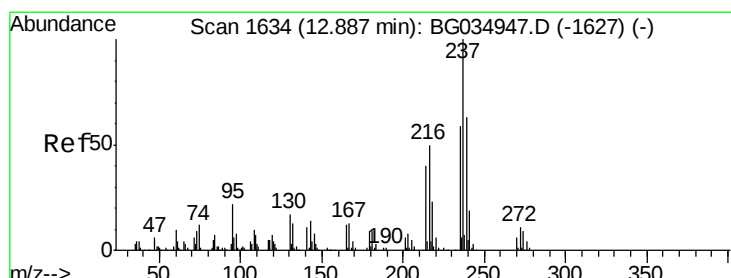
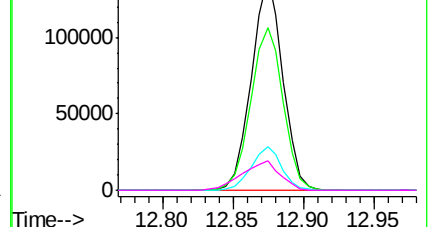


Abundance Ion 216.00 (215.70 to 216.70): E

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: 107.639 ng

RT: 12.86 min Scan# 1629

Delta R.T. -0.02 min

Lab File: BG035349.D

Acq: 23 Jun 2018 1:12

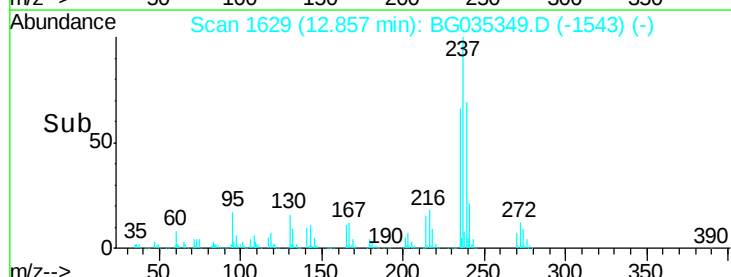
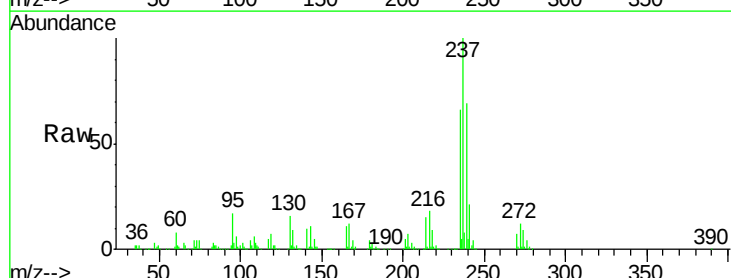
Tgt Ion:237 Resp: 303205

Ion Ratio Lower Upper

237 100

235 66.5 50.4 90.4

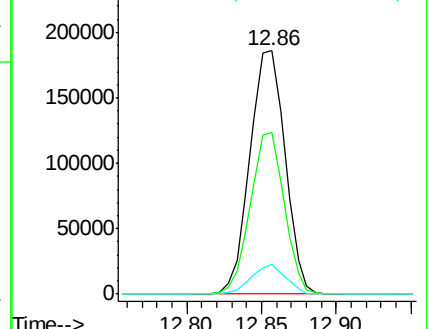
272 12.1 0.0 31.8

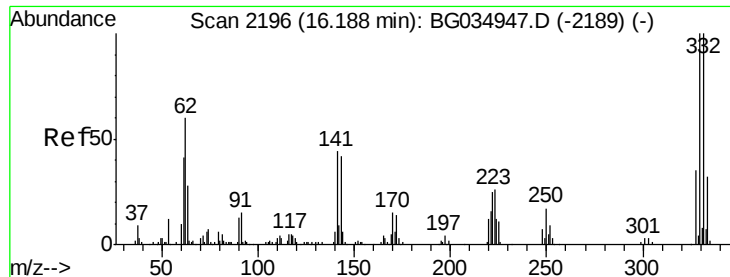


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

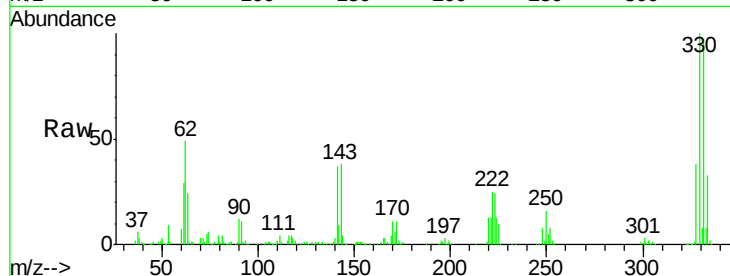




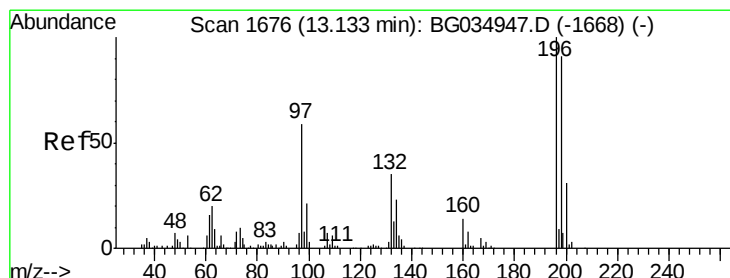
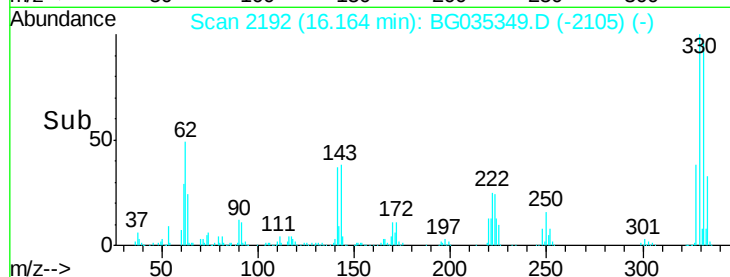
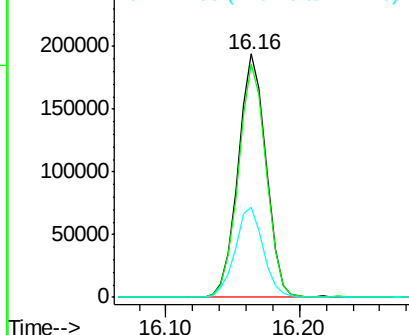
#41
 2,4,6-Tribromophenol
 Concen: 181.710 ng
 RT: 16.16 min Scan# 2192
 Delta R.T. -0.02 min
 Lab File: BG035349.D
 Acq: 23 Jun 2018 1:12

Instrument :
 BNA_G
 ClientSampleId :
 PB110484BS

Tgt Ion:330 Resp: 280521
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.0 115.6
 141 37.6 25.2 37.8

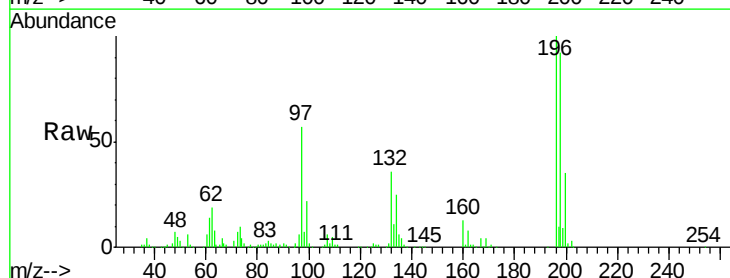


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

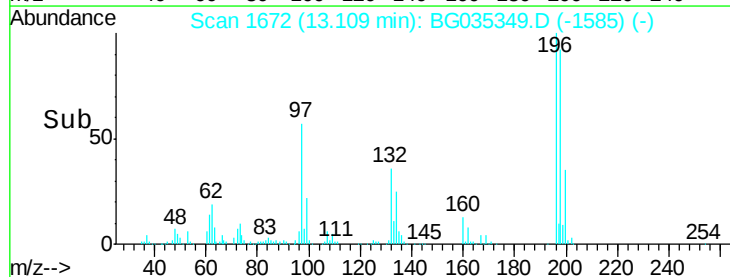
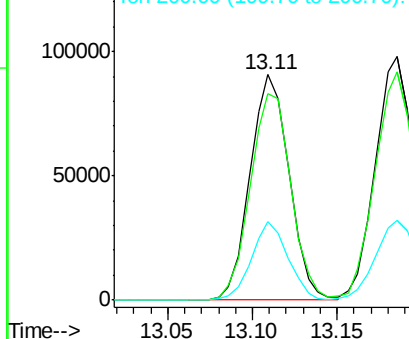


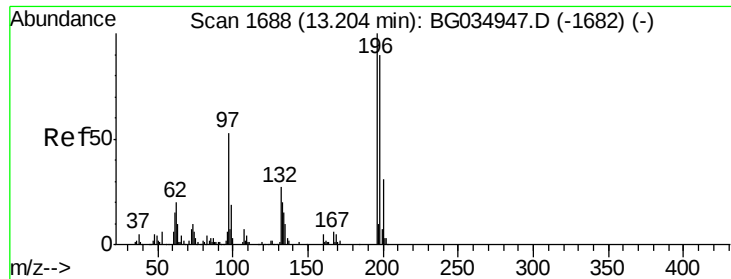
#42
 2,4,6-Trichlorophenol
 Concen: 54.078 ng
 RT: 13.11 min Scan# 1672
 Delta R.T. -0.02 min
 Lab File: BG035349.D
 Acq: 23 Jun 2018 1:12

Tgt Ion:196 Resp: 145453
 Ion Ratio Lower Upper
 196 100
 198 91.6 78.2 117.2
 200 34.7 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

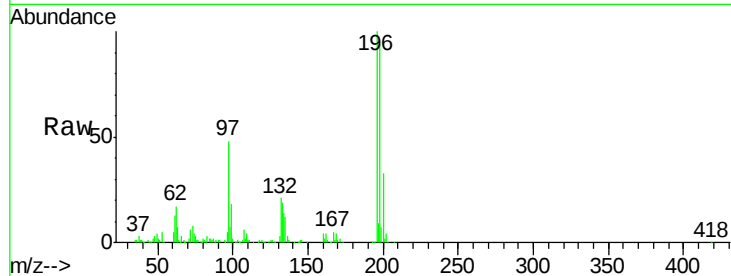




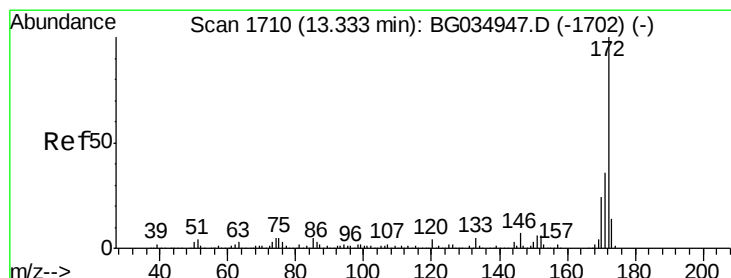
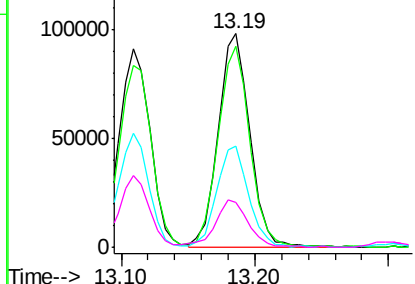
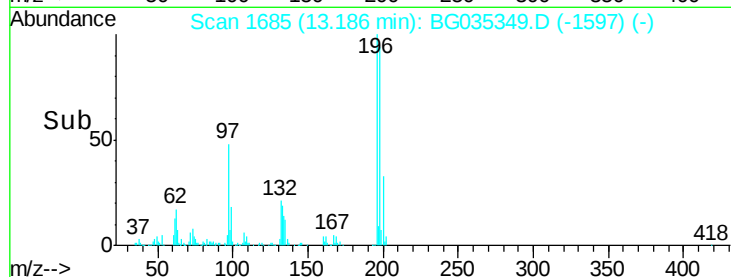
#43
 2,4,5-Trichlorophenol
 Concen: 55.199 ng
 RT: 13.19 min Scan# 1685
 Delta R.T. -0.01 min
 Lab File: BG035349.D
 Acq: 23 Jun 2018 1:12

Instrument :
 BNA_G
 ClientSampleId :
 PB110484BS

Tgt Ion:	196	Resp:	162956
Ion	Ratio	Lower	Upper
196	100		
198	93.9	76.2	114.4
97	47.7	38.7	58.1
132	20.8	20.2	30.2

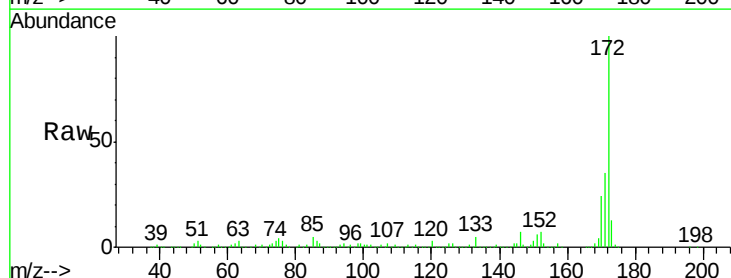


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

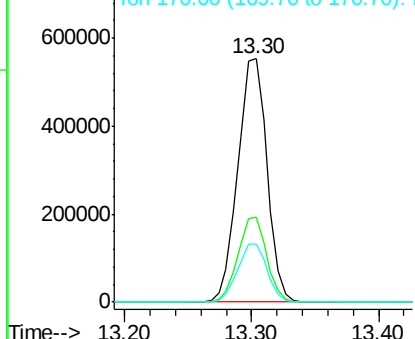
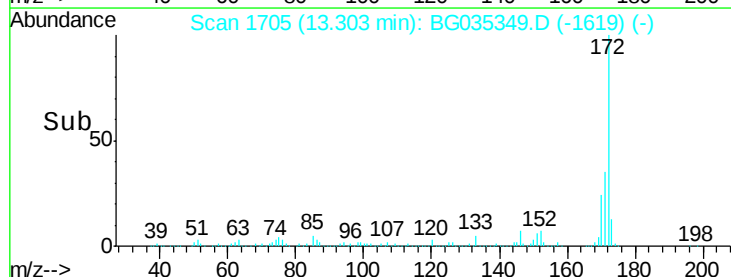


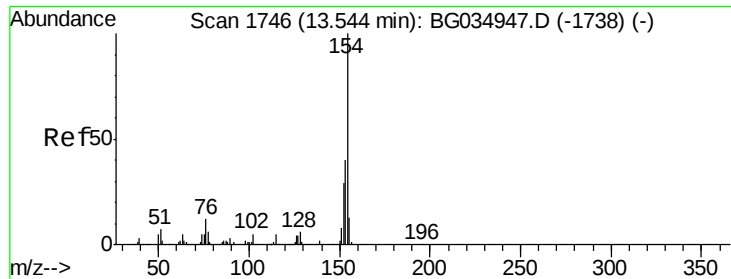
#44
 2-Fluorobiphenyl
 Concen: 94.822 ng
 RT: 13.30 min Scan# 1705
 Delta R.T. -0.02 min
 Lab File: BG035349.D
 Acq: 23 Jun 2018 1:12

Tgt Ion:	172	Resp:	879632
Ion	Ratio	Lower	Upper
172	100		
171	34.8	30.0	45.0
170	23.7	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

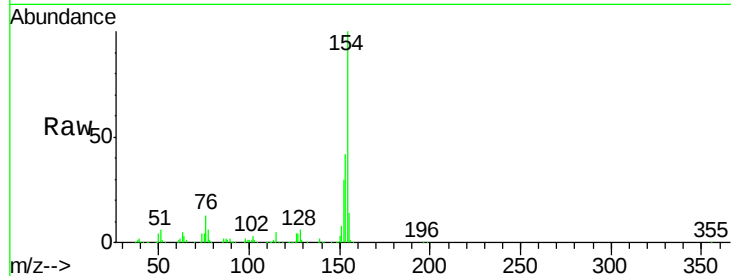




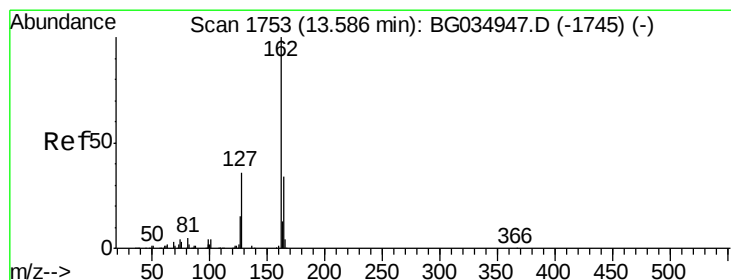
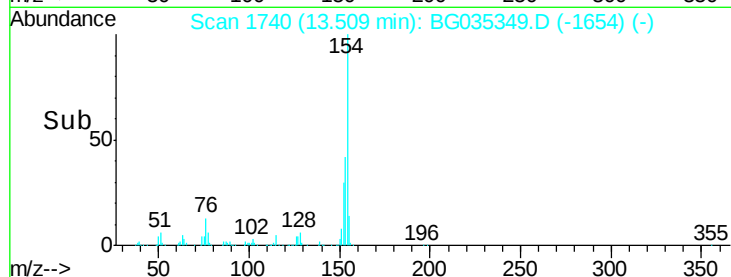
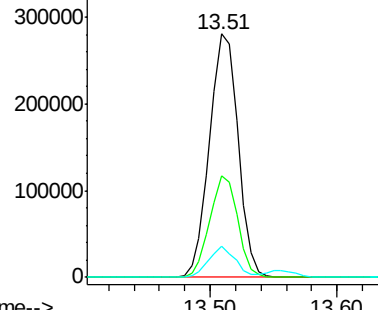
#45
 1,1'-Biphenyl
 Concen: 45.169 ng
 RT: 13.51 min Scan# 1740
 Delta R.T. -0.02 min
 Lab File: BG035349.D
 Acq: 23 Jun 2018 1:12

Instrument :
 BNA_G
 ClientSampleId :
 PB110484BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.7	19.8	59.8
76	12.7	0.0	31.9

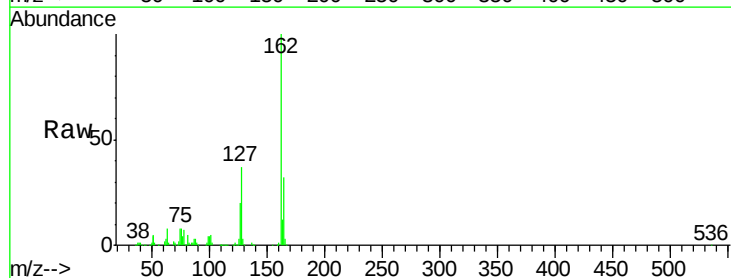


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): B

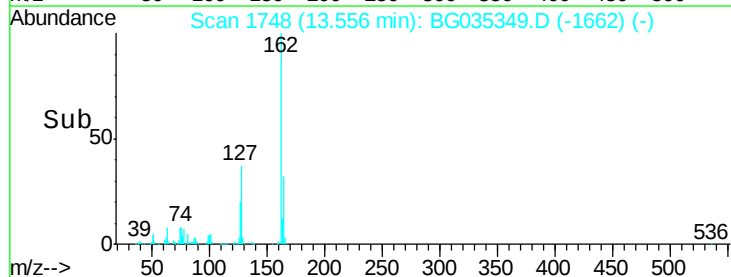
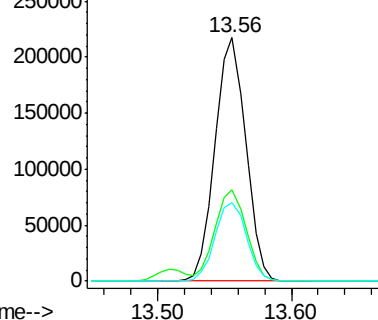


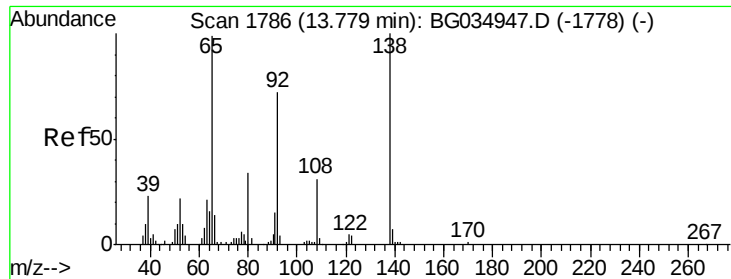
#46
 2-Chloronaphthalene
 Concen: 47.171 ng
 RT: 13.56 min Scan# 1748
 Delta R.T. -0.02 min
 Lab File: BG035349.D
 Acq: 23 Jun 2018 1:12

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.3	30.7	46.1
164	32.1	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

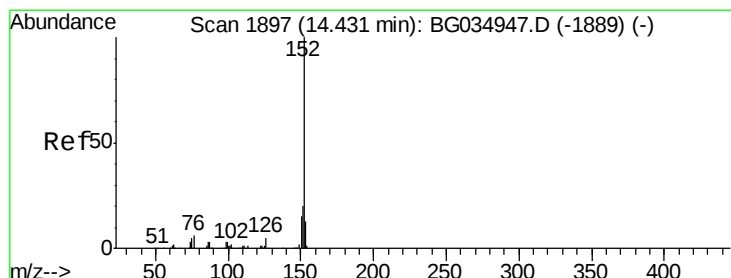
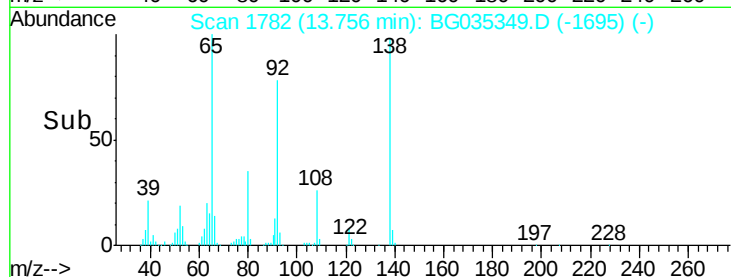
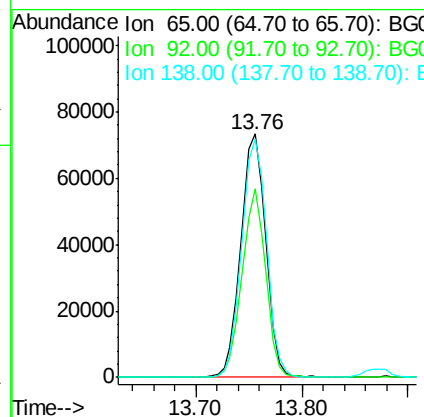
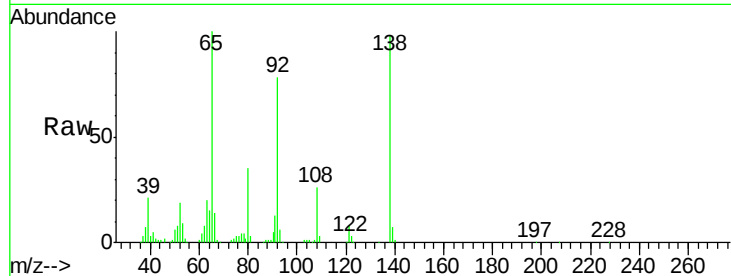




#47
2-Nitroaniline
Concen: 55.225 ng
RT: 13.76 min Scan# 1782
Delta R.T. -0.02 min
Lab File: BG035349.D
Acq: 23 Jun 2018 1:12

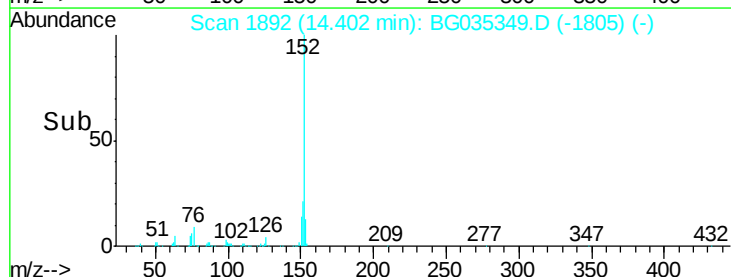
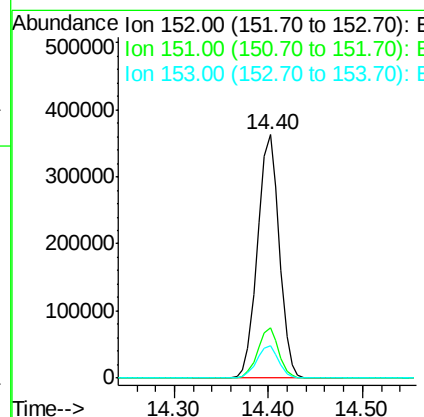
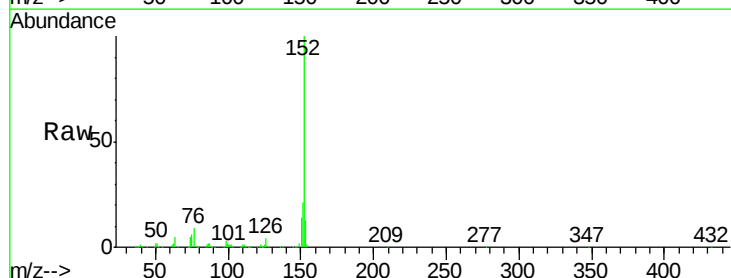
Instrument :
BNA_G
ClientSampleId :
PB110484BS

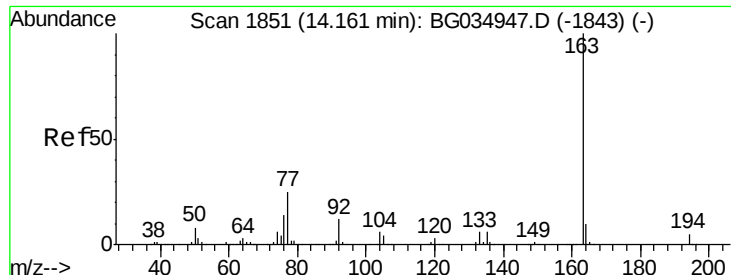
Tgt Ion: 65 Resp: 119561
Ion Ratio Lower Upper
65 100
92 77.5 54.6 82.0
138 98.0 72.9 109.3



#48
Acenaphthylene
Concen: 47.183 ng
RT: 14.40 min Scan# 1892
Delta R.T. -0.02 min
Lab File: BG035349.D
Acq: 23 Jun 2018 1:12

Tgt Ion: 152 Resp: 580055
Ion Ratio Lower Upper
152 100
151 20.7 17.2 25.8
153 13.5 10.2 15.4





#49

Dimethylphthalate

Concen: 45.923 ng

RT: 14.13 min Scan# 1846

Delta R.T. -0.02 min

Lab File: BG035349.D

Acq: 23 Jun 2018 1:12

Instrument :

BNA_G

ClientSampleId :

PB110484BS

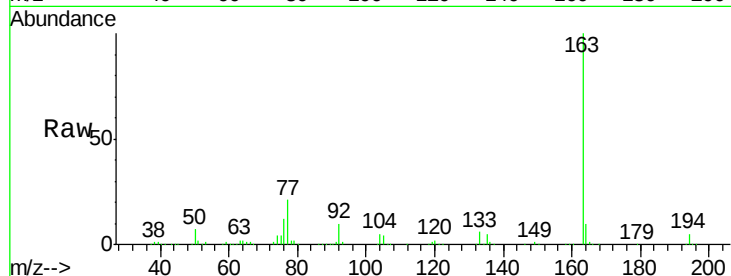
Tgt Ion:163 Resp: 482940

Ion Ratio Lower Upper

163 100

194 4.9 3.4 5.2

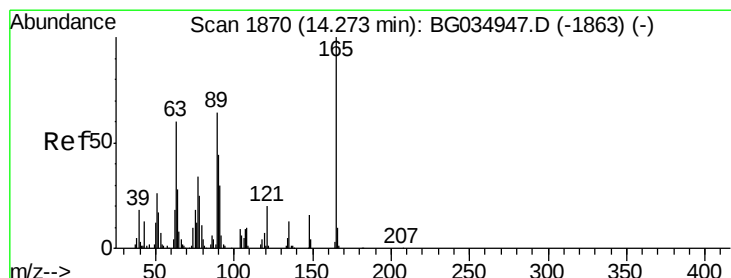
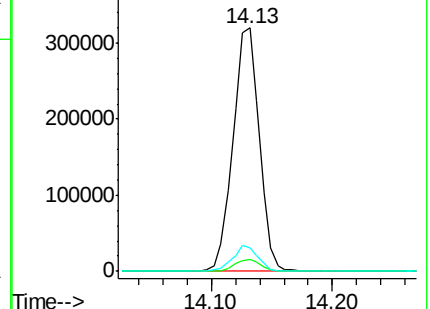
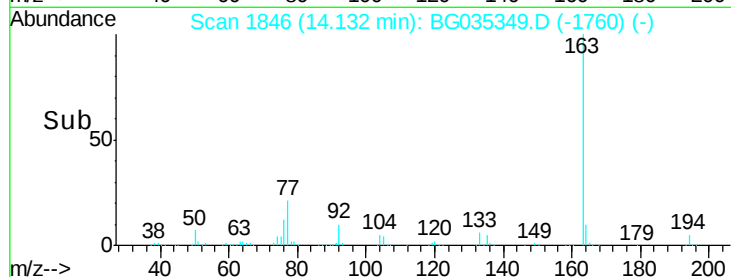
164 9.8 8.2 12.4



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: 55.139 ng

RT: 14.25 min Scan# 1866

Delta R.T. -0.02 min

Lab File: BG035349.D

Acq: 23 Jun 2018 1:12

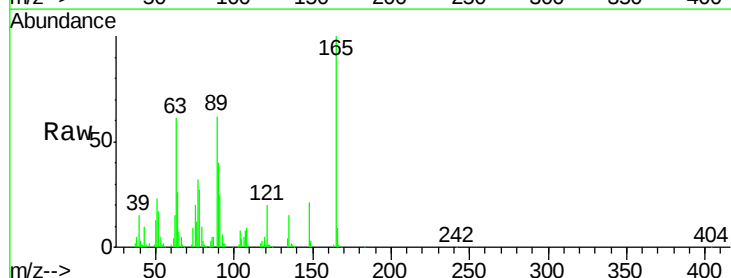
Tgt Ion:165 Resp: 105786

Ion Ratio Lower Upper

165 100

63 60.8 52.7 79.1

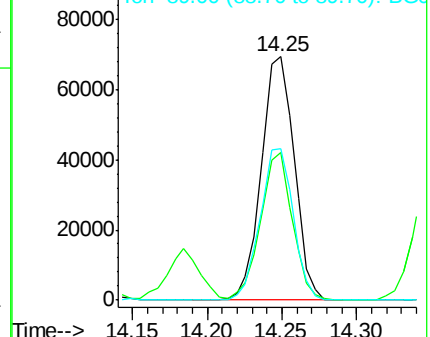
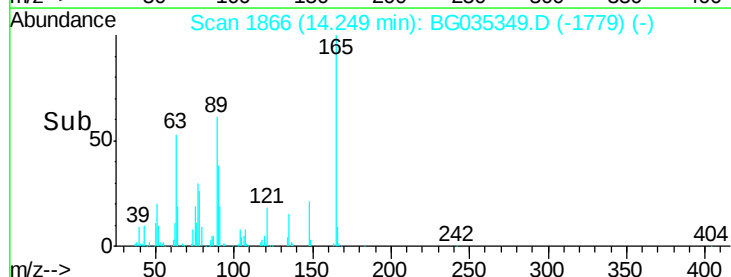
89 62.0 49.2 73.8

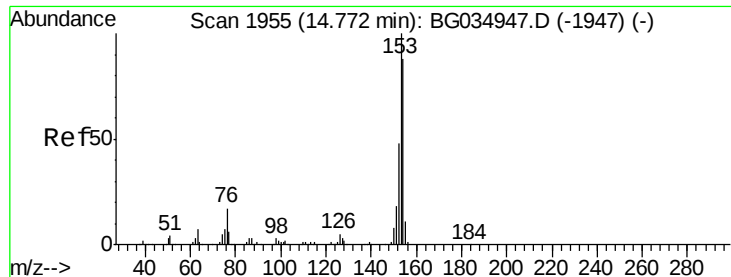


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 42.361 ng

RT: 14.74 min Scan# 1950

Delta R.T. -0.02 min

Lab File: BG035349.D

Acq: 23 Jun 2018 1:12

Instrument :

BNA_G

ClientSampleId :

PB110484BS

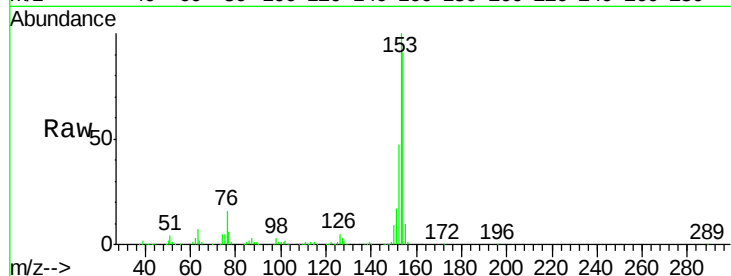
Tgt Ion:154 Resp: 340259

Ion Ratio Lower Upper

154 100

153 110.4 90.4 135.6

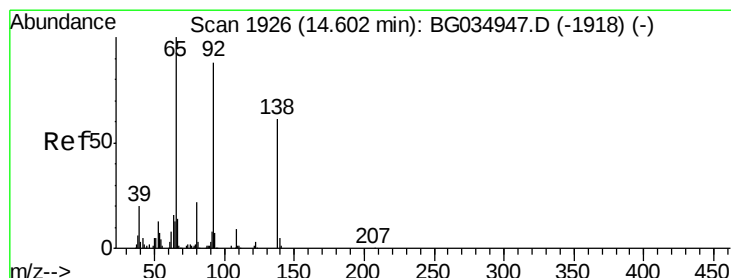
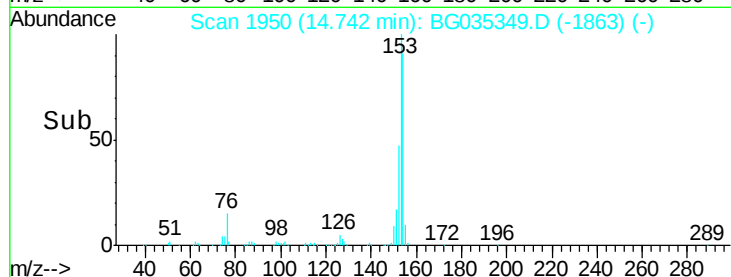
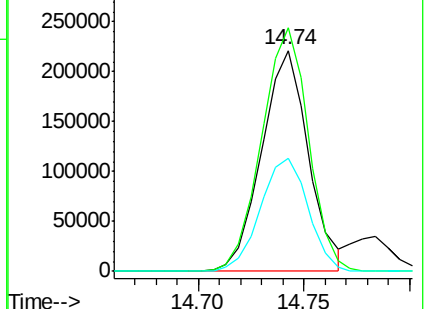
152 51.4 41.6 62.4



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: 17.058 ng

RT: 14.57 min Scan# 1921

Delta R.T. -0.02 min

Lab File: BG035349.D

Acq: 23 Jun 2018 1:12

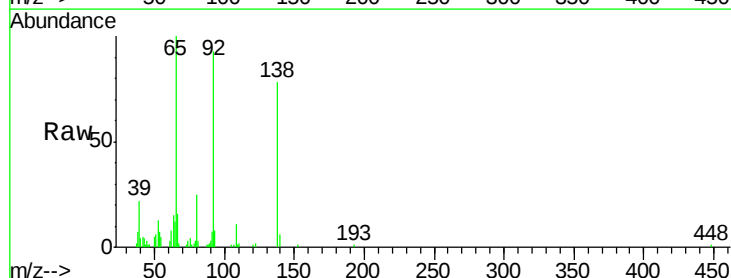
Tgt Ion:138 Resp: 32113

Ion Ratio Lower Upper

138 100

108 14.0 17.5 26.3#

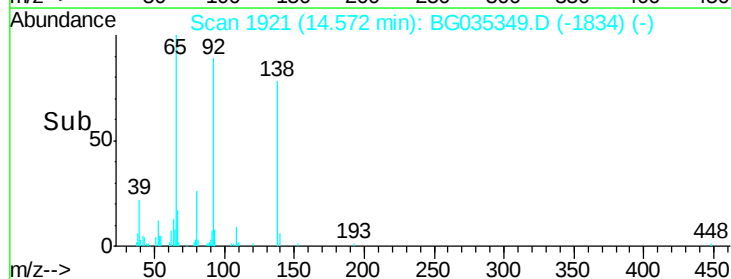
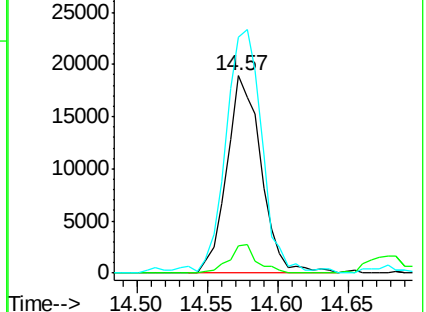
92 119.7 105.8 158.8

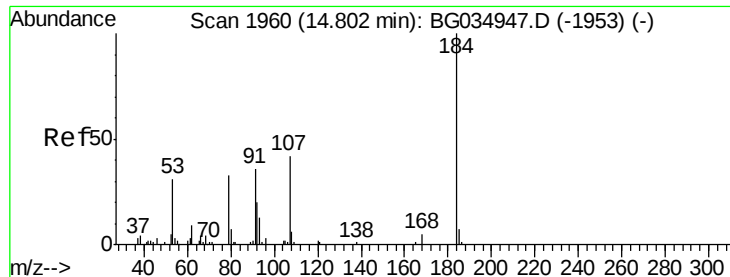


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

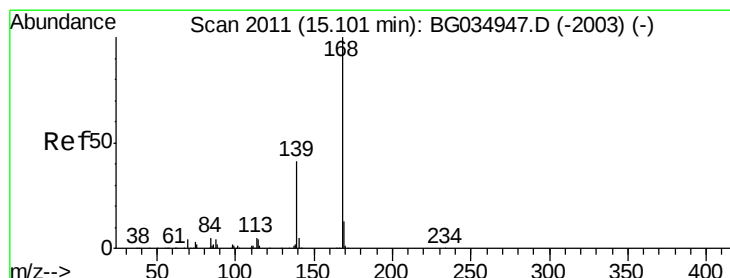
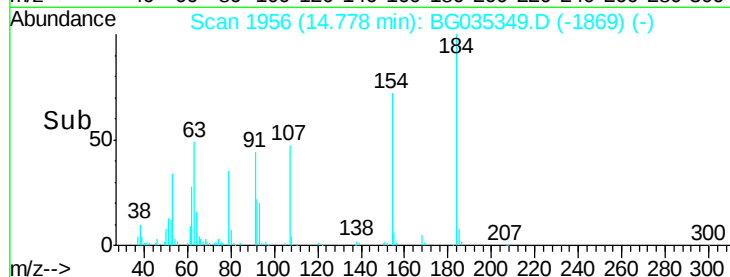
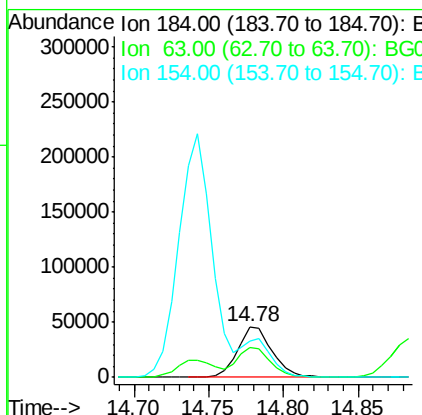
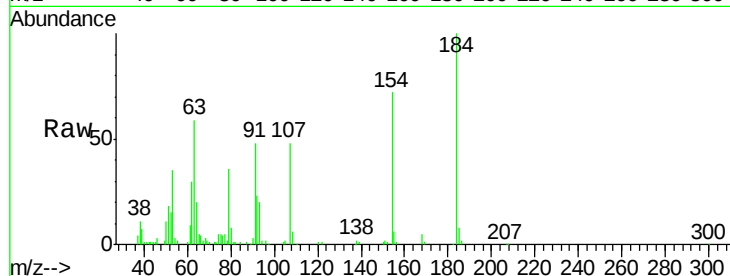




#53
2,4-Dinitrophenol
Concen: 95.140 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.02 min
Lab File: BG035349.D
Acq: 23 Jun 2018 1:12

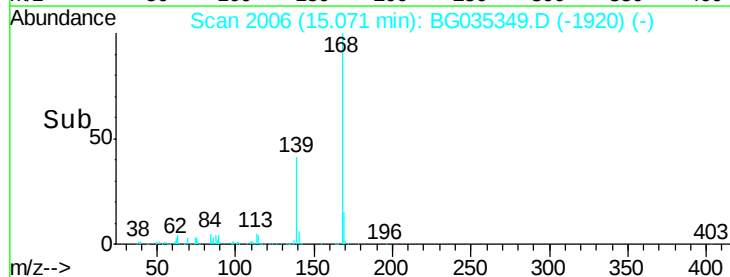
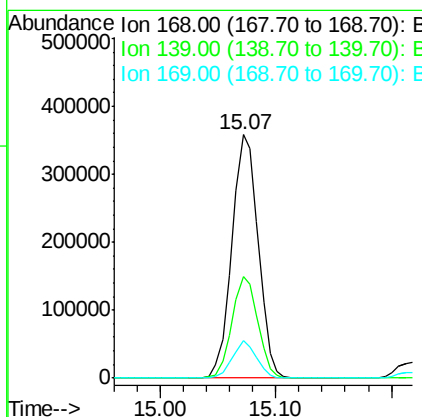
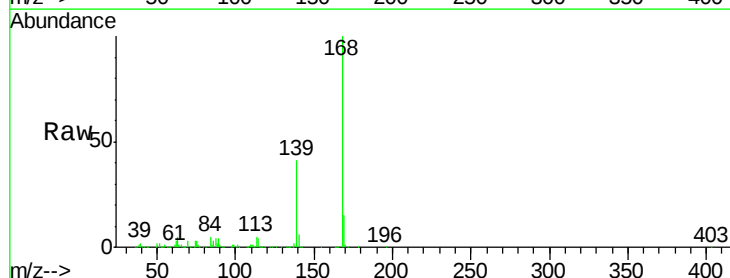
Instrument :
BNA_G
ClientSampleId :
PB110484BS

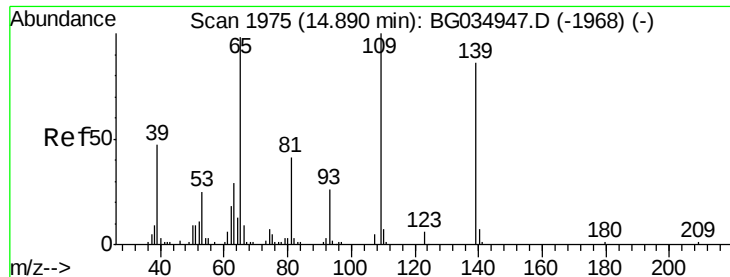
Tgt Ion:184 Resp: 73871
Ion Ratio Lower Upper
184 100
63 59.4 59.8 89.8#
154 71.6 101.8 152.8#



#54
Dibenzofuran
Concen: 46.680 ng
RT: 15.07 min Scan# 2006
Delta R.T. -0.02 min
Lab File: BG035349.D
Acq: 23 Jun 2018 1:12

Tgt Ion:168 Resp: 561559
Ion Ratio Lower Upper
168 100
139 41.5 28.6 43.0
169 15.4 11.2 16.8





#55

4-Nitrophenol

Concen: 101.851 ng

RT: 14.88 min Scan# 1974

Delta R.T. -0.00 min

Lab File: BG035349.D

Acq: 23 Jun 2018 1:12

Instrument :

BNA_G

ClientSampleId :

PB110484BS

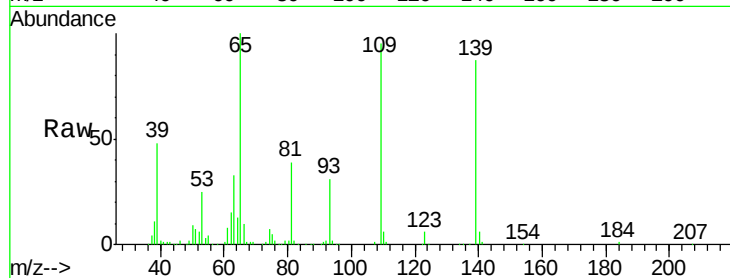
Tgt Ion:139 Resp: 161825

Ion Ratio Lower Upper

139 100

109 110.3 62.2 102.2#

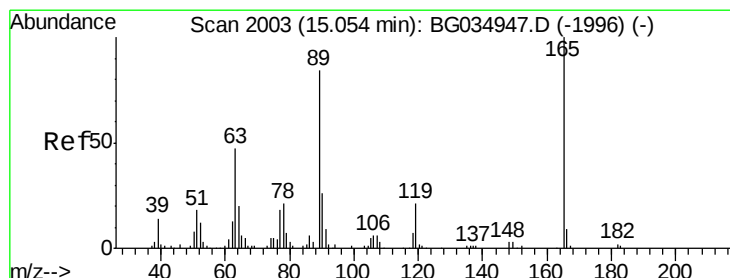
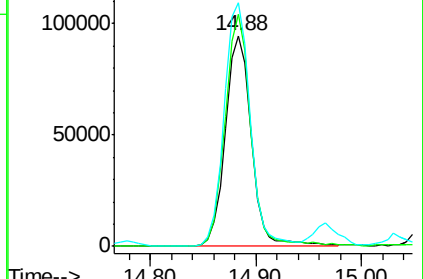
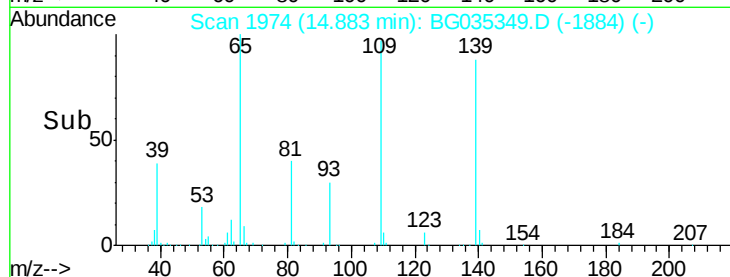
65 115.5 97.2 137.2



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 61.332 ng

RT: 15.04 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BG035349.D

Acq: 23 Jun 2018 1:12

Tgt Ion:165 Resp: 156309

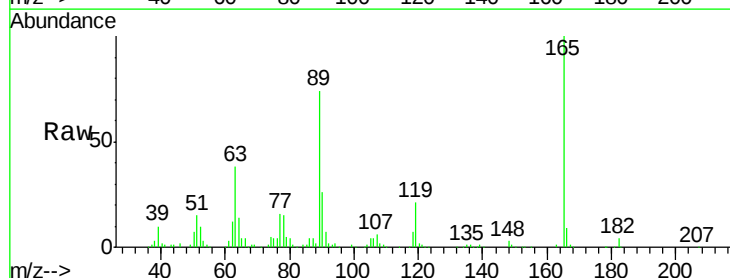
Ion Ratio Lower Upper

165 100

63 37.6 42.0 63.0#

89 73.9 66.9 100.3

182 3.7 2.6 3.8

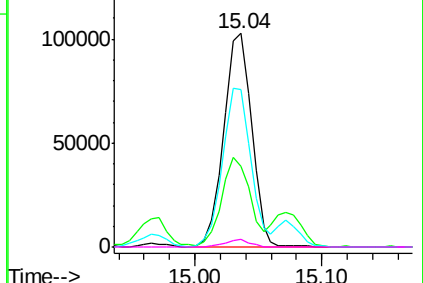
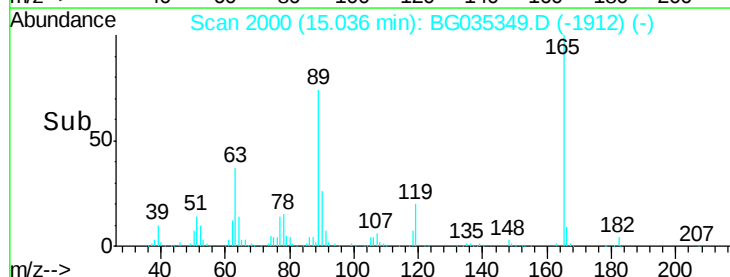


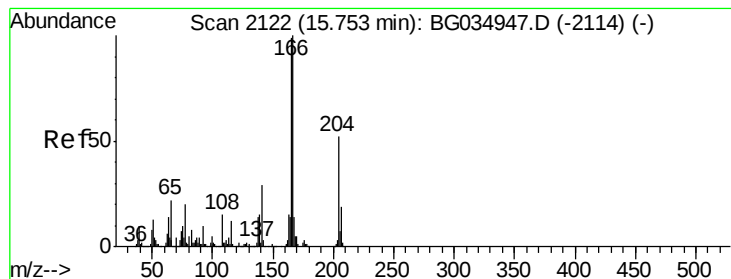
Abundance Ion 165.00 (164.70 to 165.70): E

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: 46.965 ng

RT: 15.72 min Scan# 2117

Delta R.T. -0.02 min

Lab File: BG035349.D

Acq: 23 Jun 2018 1:12

Instrument :

BNA_G

ClientSampleId :

PB110484BS

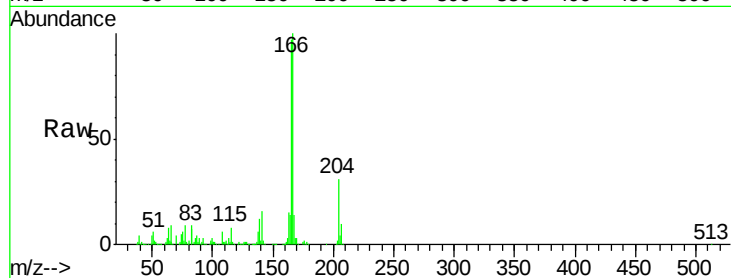
Tgt Ion:166 Resp: 472180

Ion Ratio Lower Upper

166 100

165 97.5 80.6 121.0

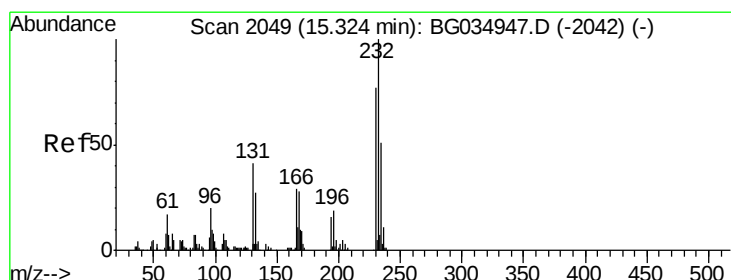
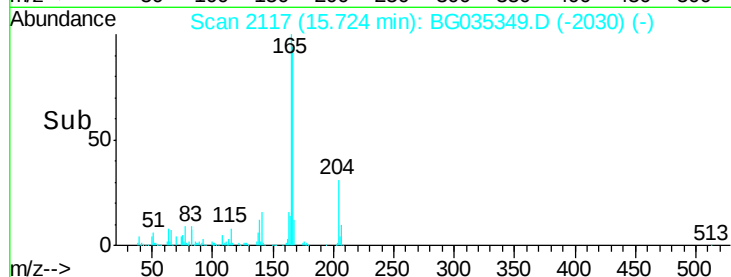
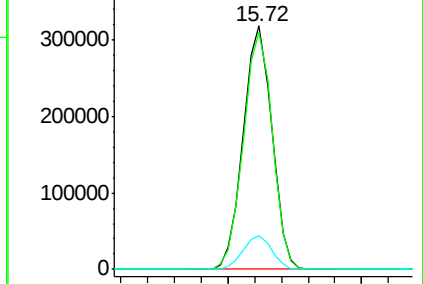
167 14.0 10.4 15.6



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: 57.297 ng

RT: 15.29 min Scan# 2044

Delta R.T. -0.02 min

Lab File: BG035349.D

Acq: 23 Jun 2018 1:12

Tgt Ion:232 Resp: 164321

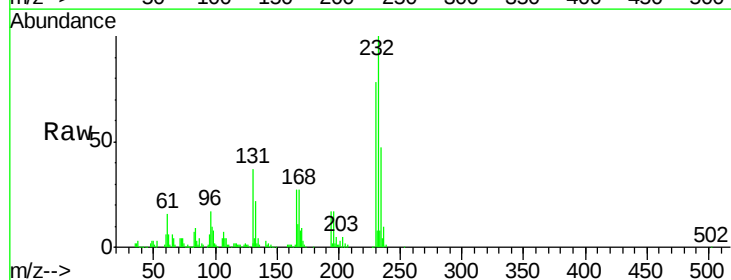
Ion Ratio Lower Upper

232 100

131 36.3 33.5 50.3

130 2.3 2.2 3.2

166 27.9 24.8 37.2

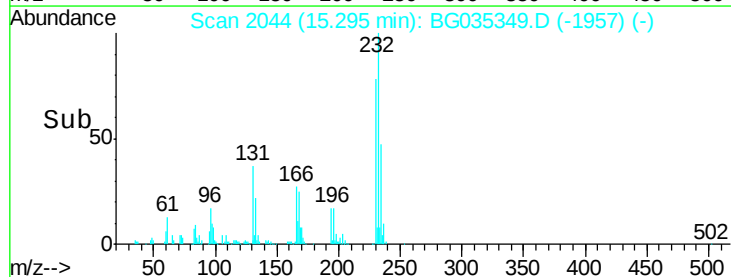
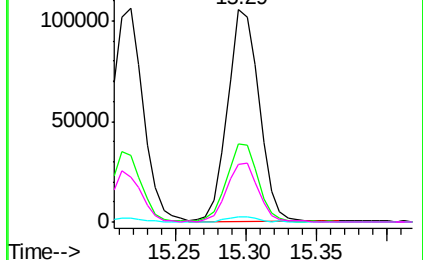


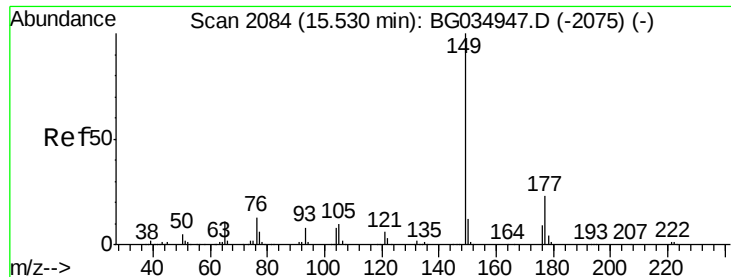
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

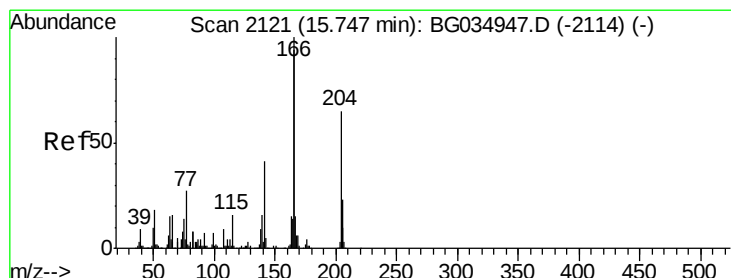
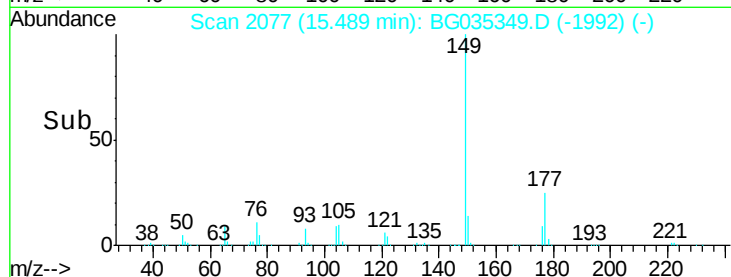
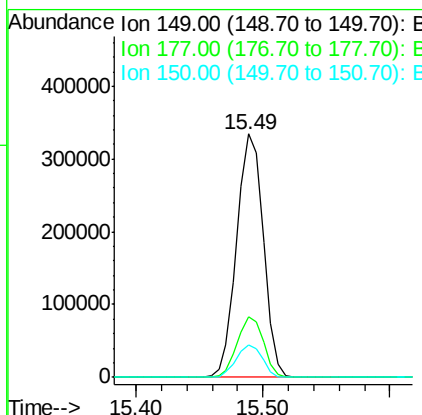
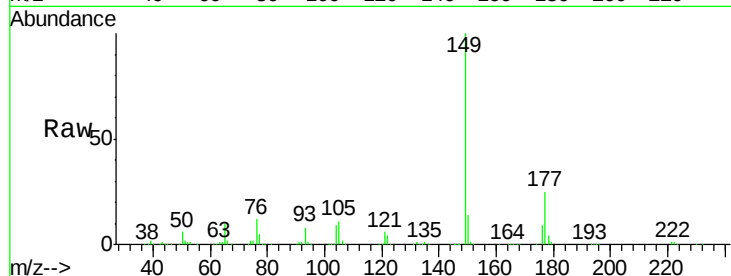




#59
Diethylphthalate
Concen: 45.278 ng
RT: 15.49 min Scan# 2077
Delta R.T. -0.03 min
Lab File: BG035349.D
Acq: 23 Jun 2018 1:12

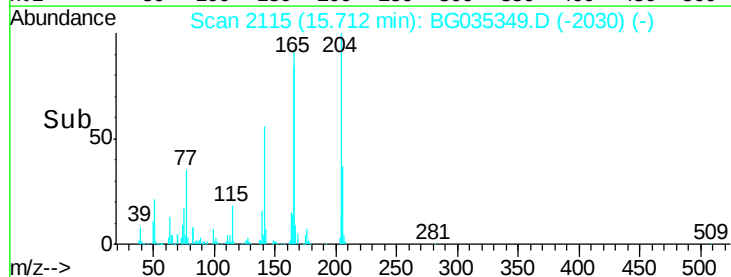
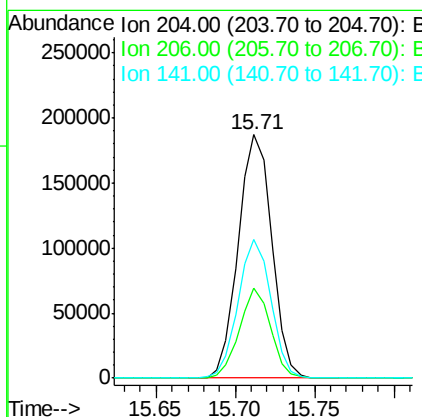
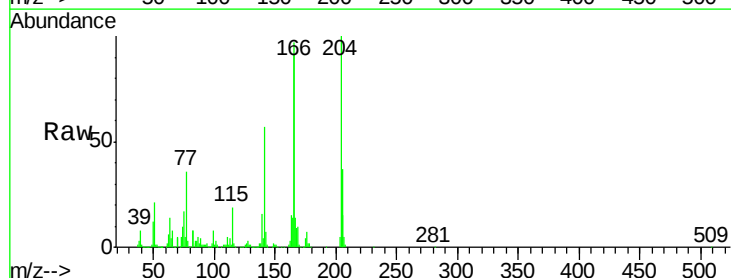
Instrument :
BNA_G
ClientSampleId :
PB110484BS

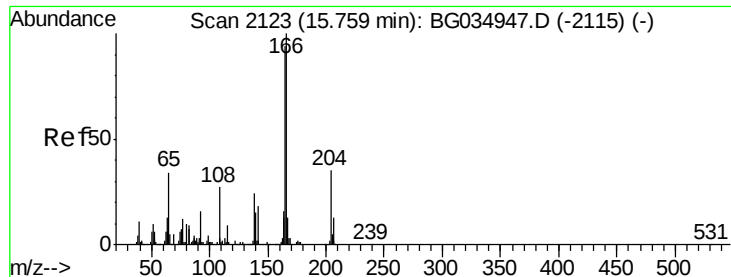
Tgt Ion:149 Resp: 485801
Ion Ratio Lower Upper
149 100
177 25.1 18.5 27.7
150 13.5 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 47.798 ng
RT: 15.71 min Scan# 2115
Delta R.T. -0.03 min
Lab File: BG035349.D
Acq: 23 Jun 2018 1:12

Tgt Ion:204 Resp: 274025
Ion Ratio Lower Upper
204 100
206 36.9 26.2 39.2
141 56.9 45.8 68.6

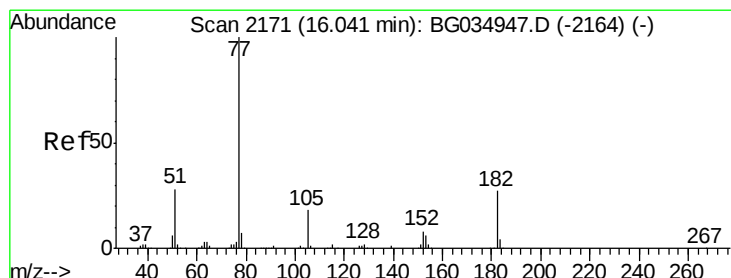
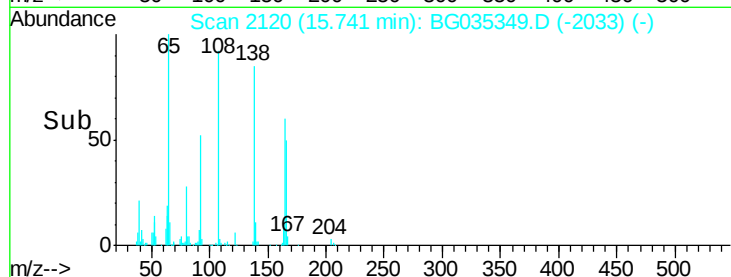
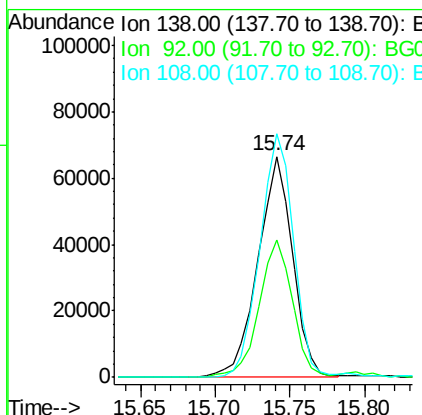
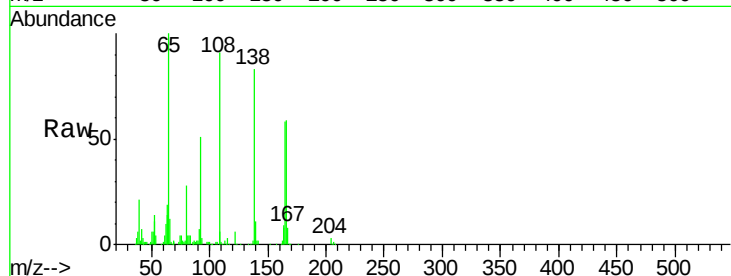




#61
4-Nitroaniline
Concen: 53.091 ng
RT: 15.74 min Scan# 2120
Delta R.T. -0.02 min
Lab File: BG035349.D
Acq: 23 Jun 2018 1:12

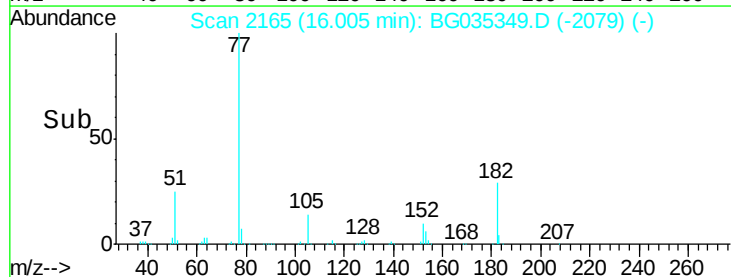
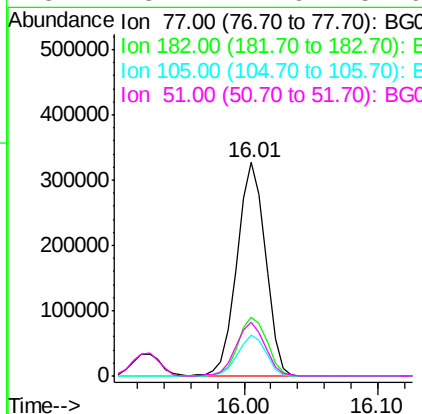
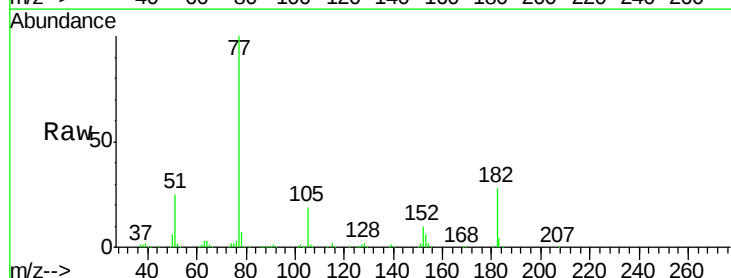
Instrument :
BNA_G
ClientSampleId :
PB110484BS

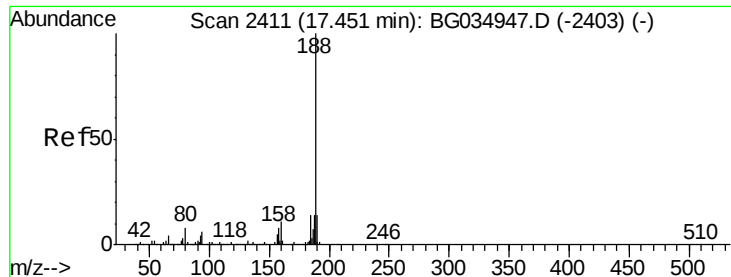
Tgt Ion:138 Resp: 107189
Ion Ratio Lower Upper
138 100
92 62.0 40.1 80.1
108 110.2 65.4 105.4#



#62
Azobenzene
Concen: 45.967 ng
RT: 16.01 min Scan# 2165
Delta R.T. -0.02 min
Lab File: BG035349.D
Acq: 23 Jun 2018 1:12

Tgt Ion: 77 Resp: 483296
Ion Ratio Lower Upper
77 100
182 27.8 7.4 47.4
105 19.0 0.3 40.3
51 25.4 11.6 51.6

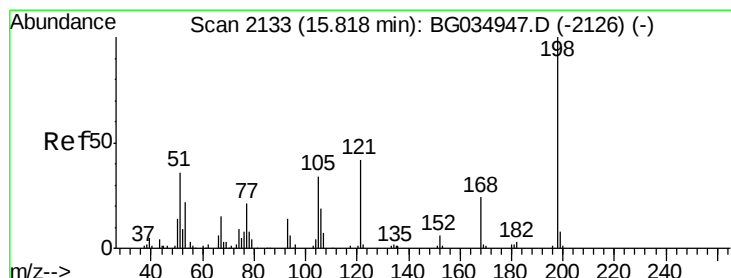
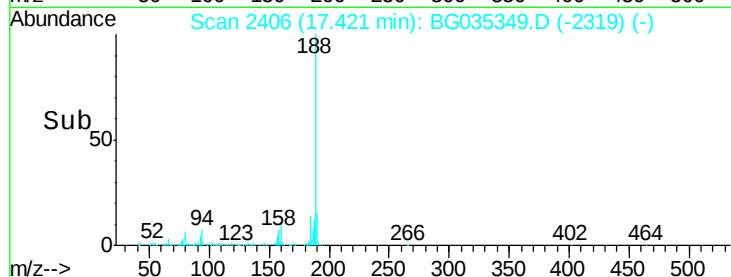
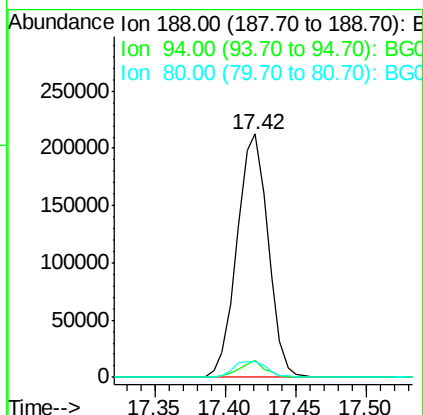
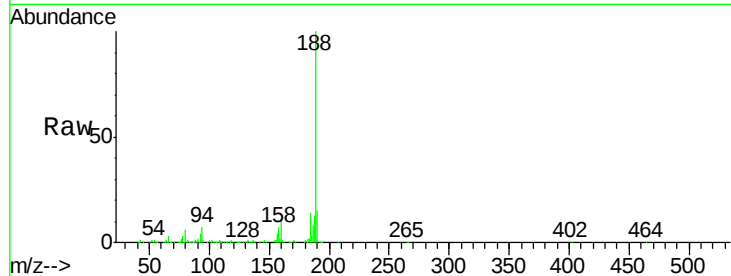




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2406
Delta R.T. -0.02 min
Lab File: BG035349.D
Acq: 23 Jun 2018 1:12

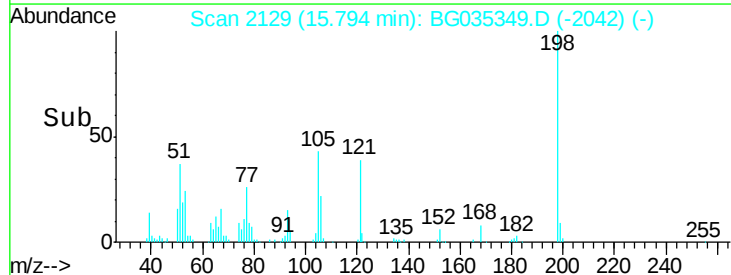
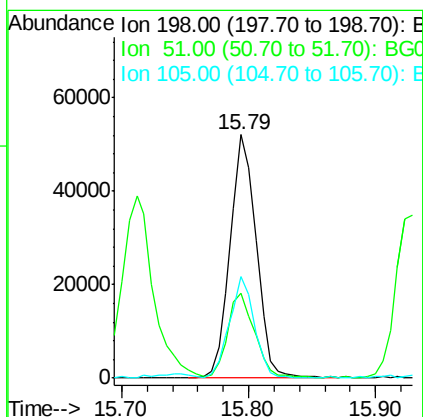
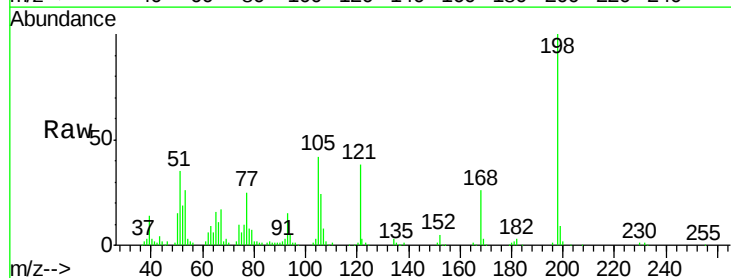
Instrument :
BNA_G
ClientSampleId :
PB110484BS

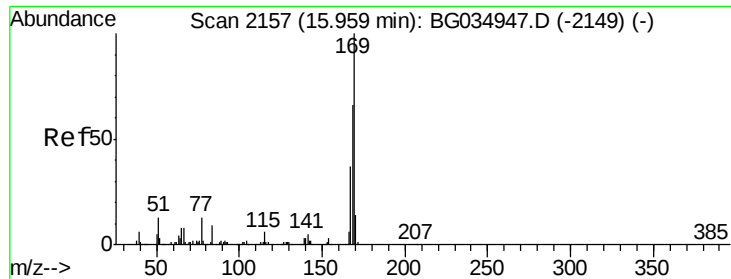
Tgt Ion:188 Resp: 327781
Ion Ratio Lower Upper
188 100
94 6.8 6.9 10.3#
80 6.4 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 49.601 ng
RT: 15.79 min Scan# 2129
Delta R.T. -0.02 min
Lab File: BG035349.D
Acq: 23 Jun 2018 1:12

Tgt Ion:198 Resp: 74231
Ion Ratio Lower Upper
198 100
51 35.1 30.6 70.6
105 41.5 23.8 63.8

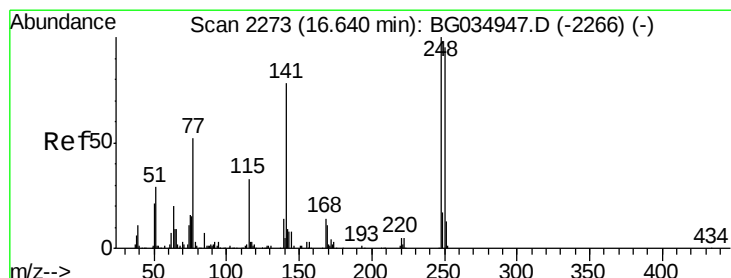
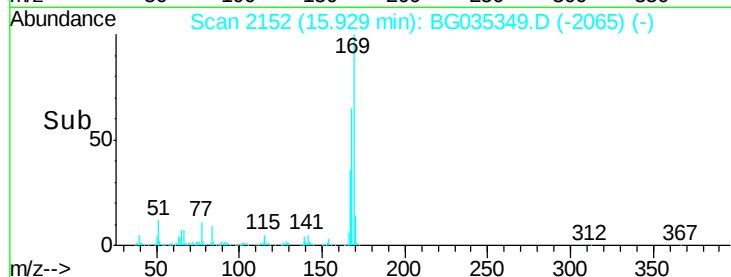
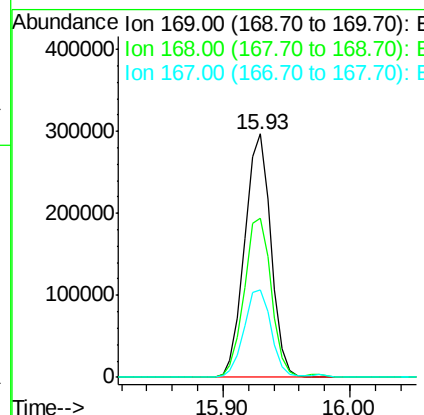
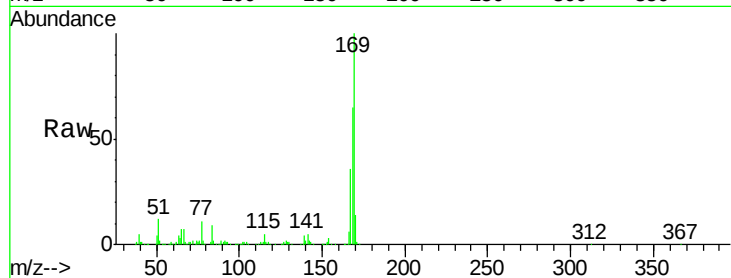




#65
 n-Nitrosodiphenylamine
 Concen: 43.087 ng
 RT: 15.93 min Scan# 2152
 Delta R.T. -0.02 min
 Lab File: BG035349.D
 Acq: 23 Jun 2018 1:12

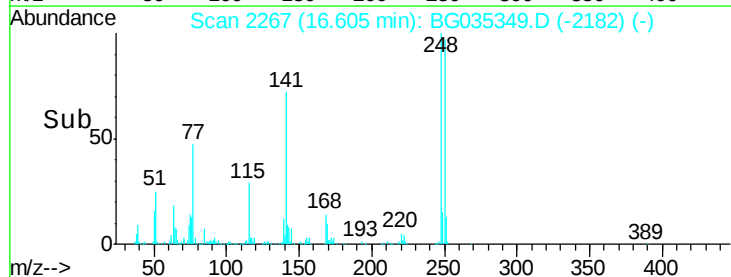
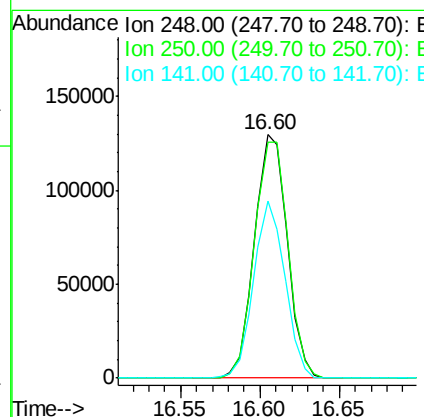
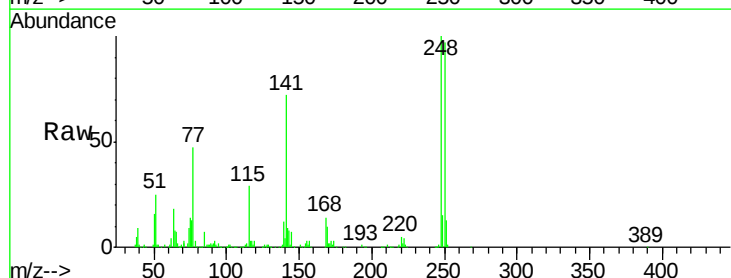
Instrument :
 BNA_G
 ClientSampleId :
 PB110484BS

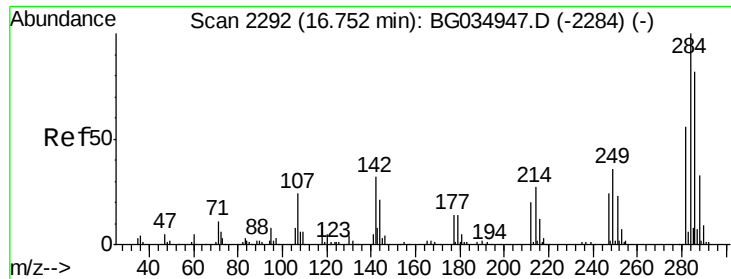
Tgt Ion:169 Resp: 424131
 Ion Ratio Lower Upper
 169 100
 168 65.5 55.7 83.5
 167 35.9 30.1 45.1



#66
 4-Bromophenyl-phenylether
 Concen: 47.236 ng
 RT: 16.60 min Scan# 2267
 Delta R.T. -0.03 min
 Lab File: BG035349.D
 Acq: 23 Jun 2018 1:12

Tgt Ion:248 Resp: 186455
 Ion Ratio Lower Upper
 248 100
 250 97.1 77.1 115.7
 141 72.5 50.8 76.2

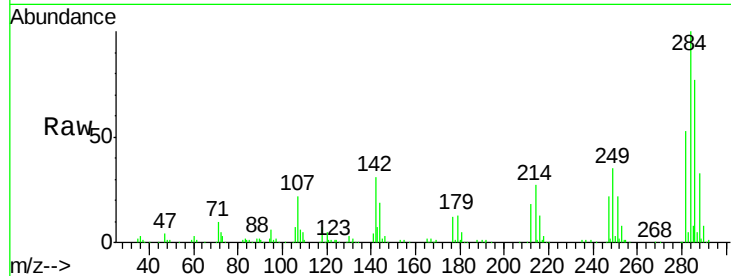




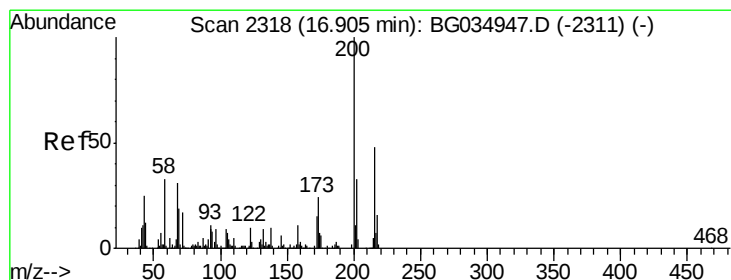
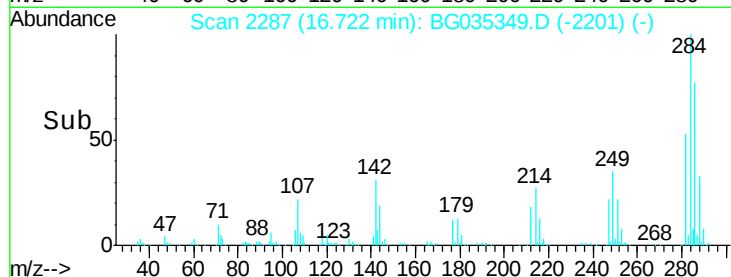
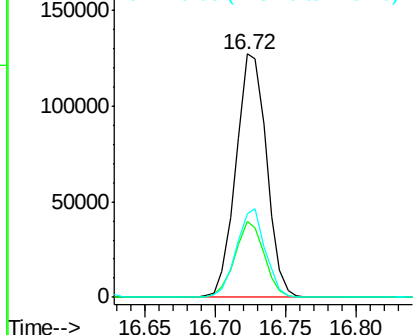
#67
Hexachlorobenzene
Concen: 47.911 ng
RT: 16.72 min Scan# 2287
Delta R.T. -0.02 min
Lab File: BG035349.D
Acq: 23 Jun 2018 1:12

Instrument :
BNA_G
ClientSampleId :
PB110484BS

Tgt Ion: 284 Resp: 192490
Ion Ratio Lower Upper
284 100
142 31.4 26.8 40.2
249 34.5 26.3 39.5

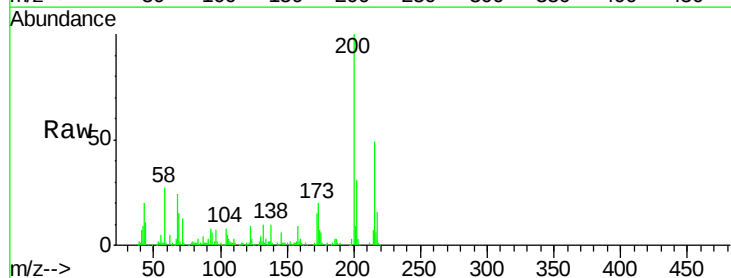


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

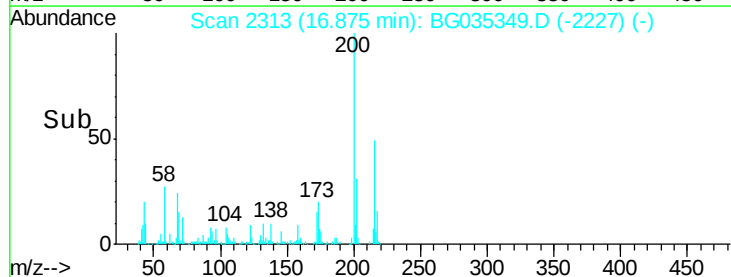
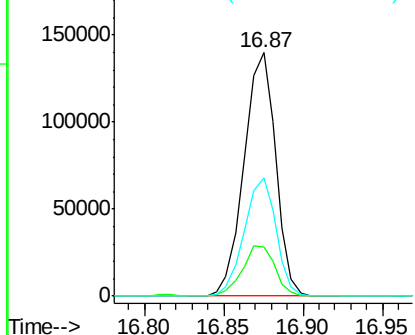


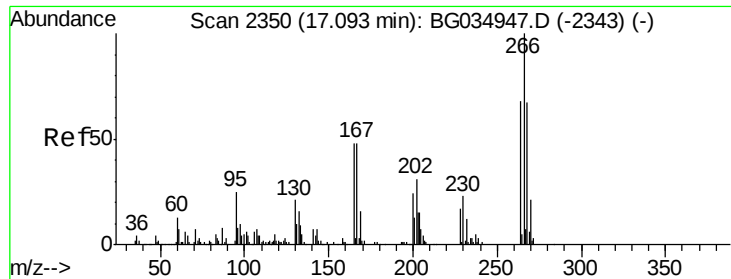
#68
Atrazine
Concen: 46.313 ng
RT: 16.87 min Scan# 2313
Delta R.T. -0.02 min
Lab File: BG035349.D
Acq: 23 Jun 2018 1:12

Tgt Ion: 200 Resp: 194413
Ion Ratio Lower Upper
200 100
173 20.2 5.2 45.2
215 48.6 30.4 70.4



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

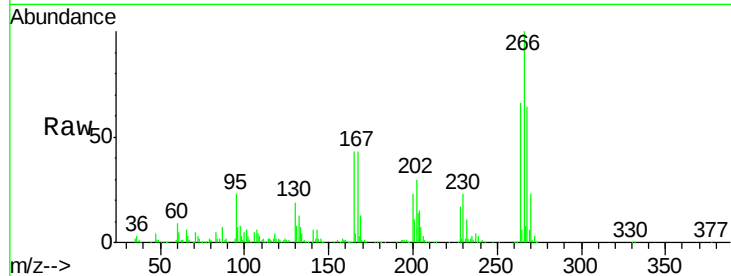




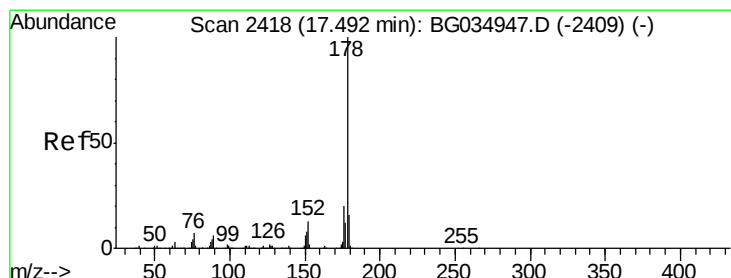
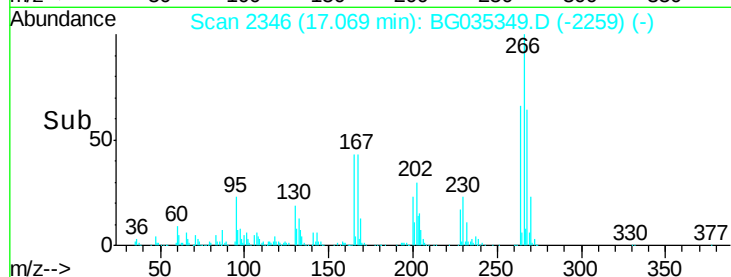
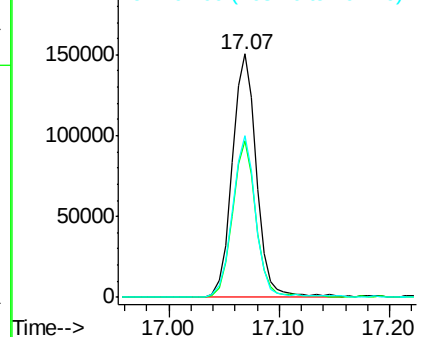
#69
 Pentachlorophenol
 Concen: 85.761 ng
 RT: 17.07 min Scan# 2346
 Delta R.T. -0.02 min
 Lab File: BG035349.D
 Acq: 23 Jun 2018 1:12

Instrument :
 BNA_G
 ClientSampleId :
 PB110484BS

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.2	51.1	76.7
264	66.2	49.6	74.4

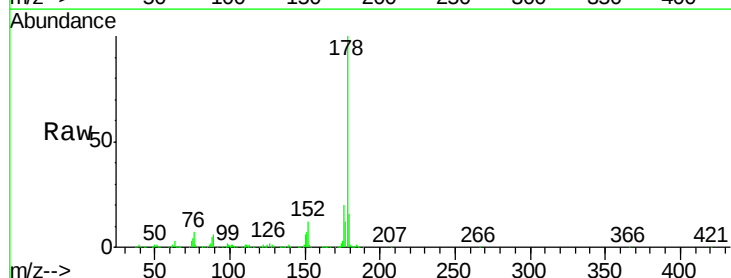


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

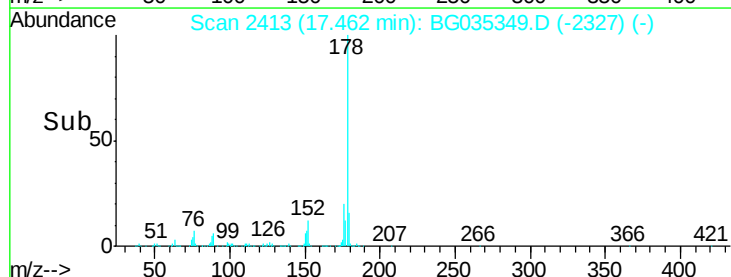
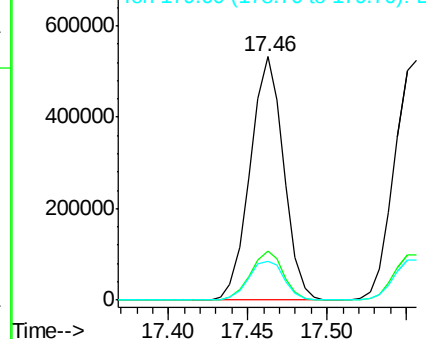


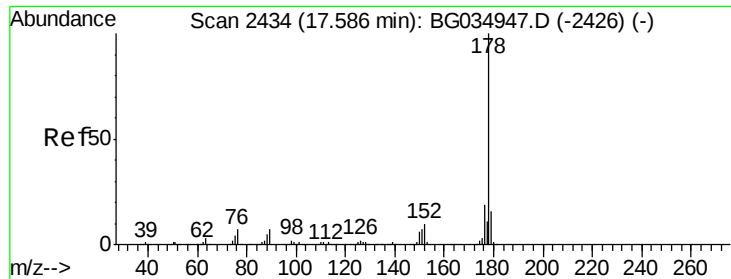
#70
 Phenanthrene
 Concen: 46.861 ng
 RT: 17.46 min Scan# 2413
 Delta R.T. -0.02 min
 Lab File: BG035349.D
 Acq: 23 Jun 2018 1:12

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.7	23.5
179	16.1	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

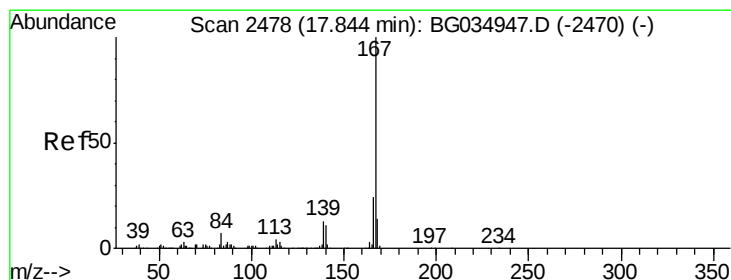
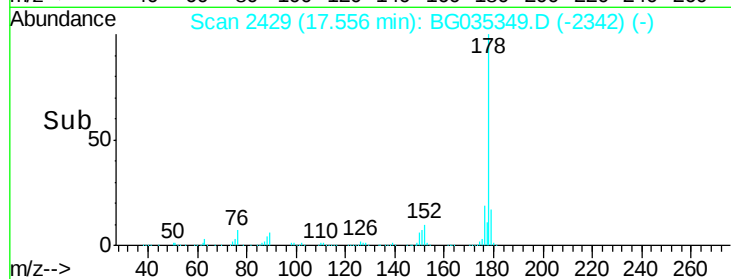
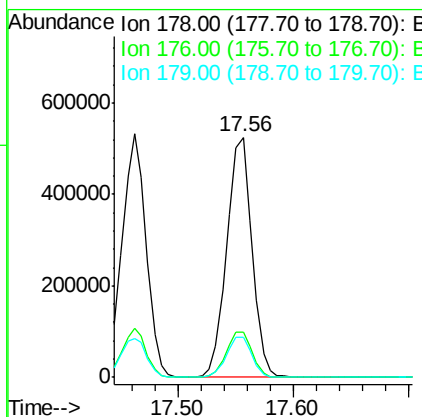
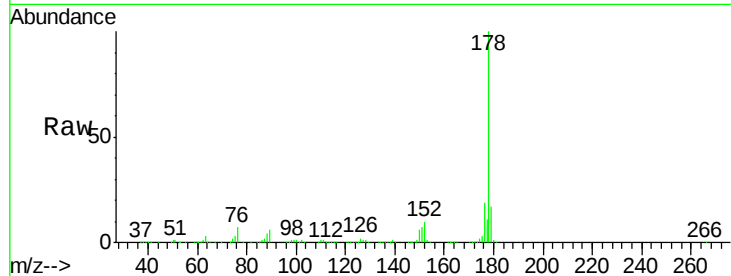




#71
 Anthracene
 Concen: 47.608 ng
 RT: 17.56 min Scan# 2429
 Delta R.T. -0.02 min
 Lab File: BG035349.D
 Acq: 23 Jun 2018 1:12

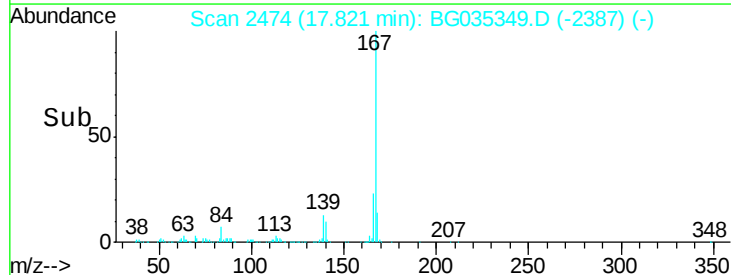
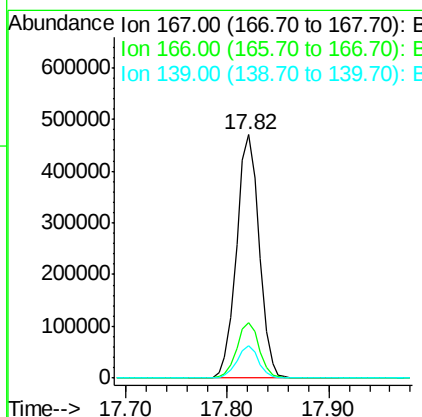
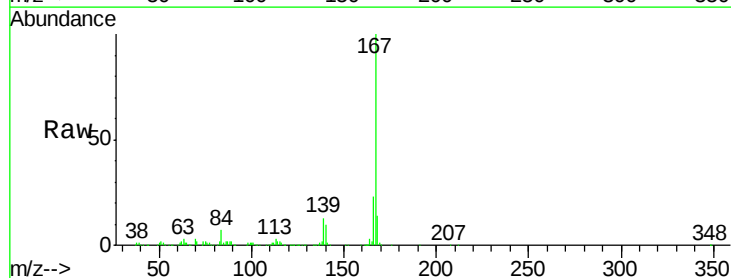
Instrument :
 BNA_G
 ClientSampleId :
 PB110484BS

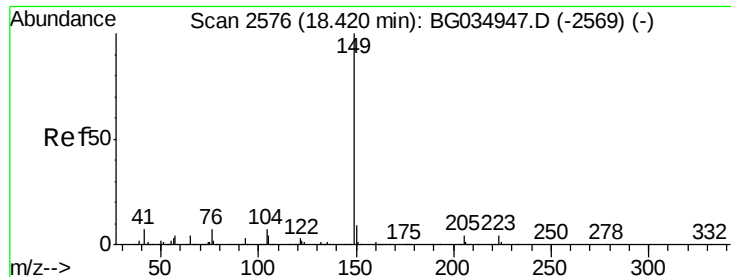
Tgt Ion:178 Resp: 794047
 Ion Ratio Lower Upper
 178 100
 176 19.0 16.0 24.0
 179 16.6 12.5 18.7



#72
 Carbazole
 Concen: 47.234 ng
 RT: 17.82 min Scan# 2474
 Delta R.T. -0.02 min
 Lab File: BG035349.D
 Acq: 23 Jun 2018 1:12

Tgt Ion:167 Resp: 730949
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.2 27.4
 139 13.3 9.4 14.2

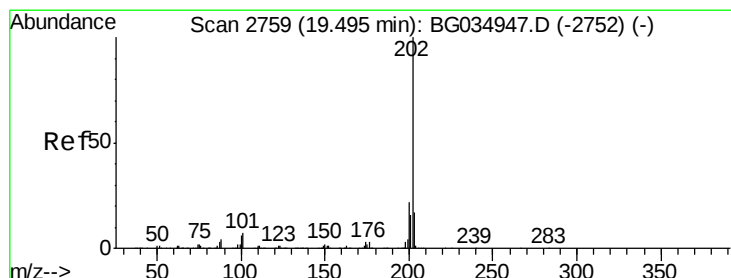
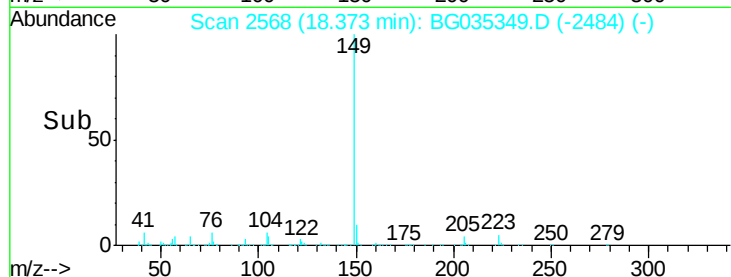
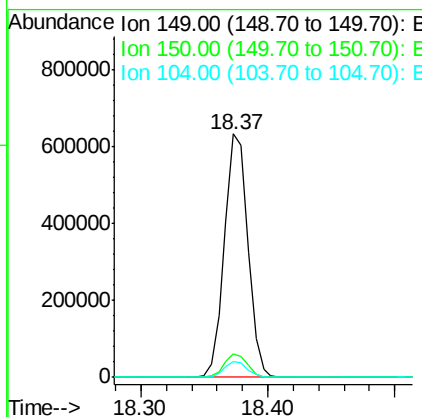
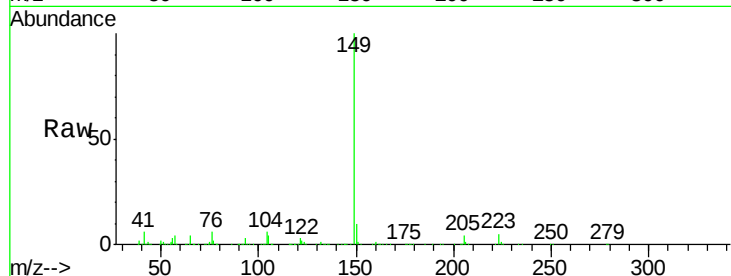




#73
Di-n-butylphthalate
Concen: 43.842 ng
RT: 18.37 min Scan# 2568
Delta R.T. -0.04 min
Lab File: BG035349.D
Acq: 23 Jun 2018 1:12

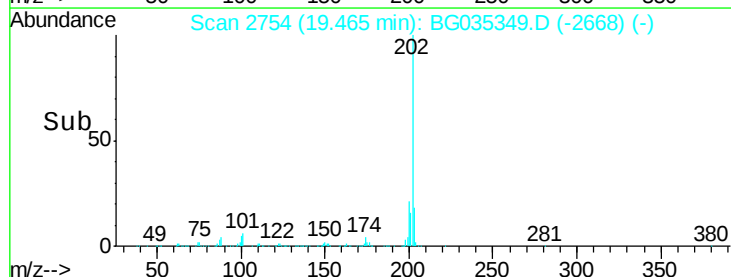
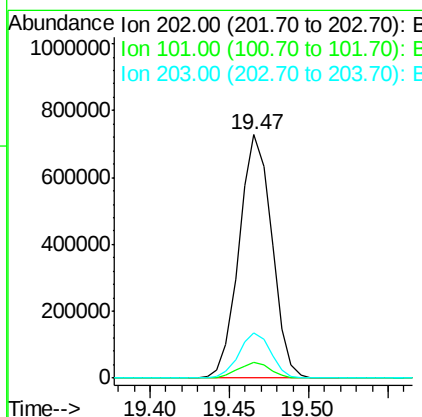
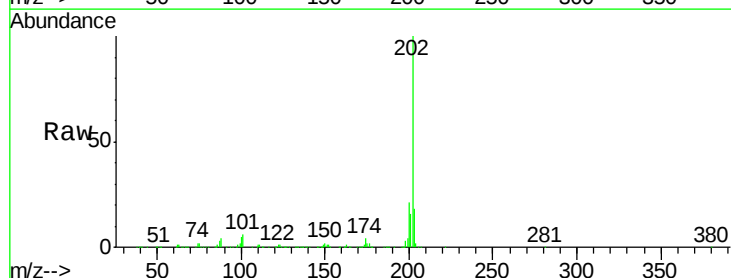
Instrument :
BNA_G
ClientSampleId :
PB110484BS

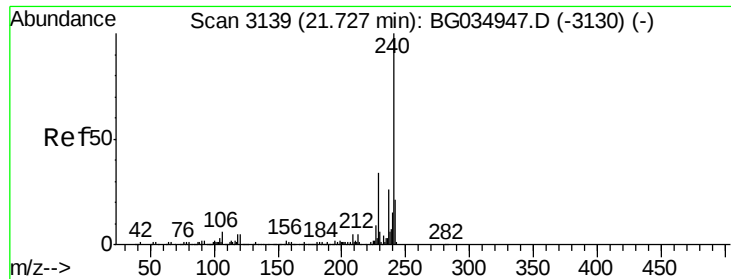
Tgt Ion:149 Resp: 808652
Ion Ratio Lower Upper
149 100
150 9.6 7.8 11.6
104 6.3 3.9 5.9#



#74
Fluoranthene
Concen: 47.986 ng
RT: 19.47 min Scan# 2754
Delta R.T. -0.02 min
Lab File: BG035349.D
Acq: 23 Jun 2018 1:12

Tgt Ion:202 Resp: 1039698
Ion Ratio Lower Upper
202 100
101 6.2 0.0 28.9
203 18.5 0.0 37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3132

Delta R.T. -0.03 min

Lab File: BG035349.D

Acq: 23 Jun 2018 1:12

Instrument :

BNA_G

ClientSampleId :

PB110484BS

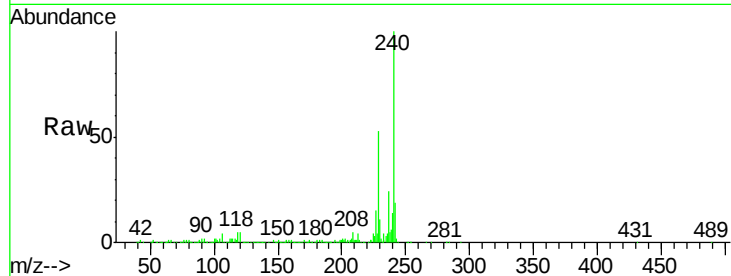
Tgt Ion:240 Resp: 362227

Ion Ratio Lower Upper

240 100

120 4.9 6.8 10.2#

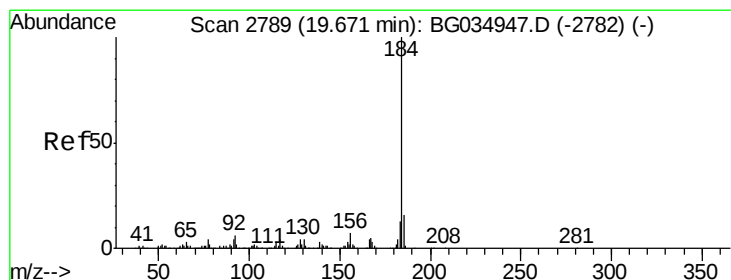
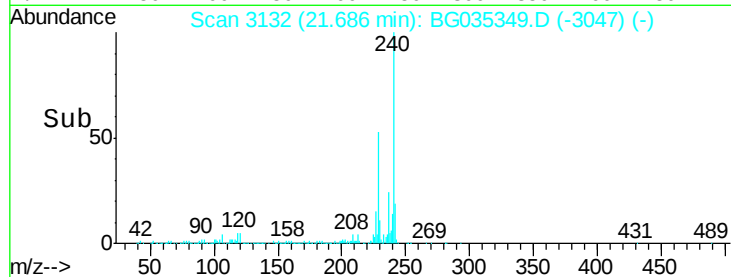
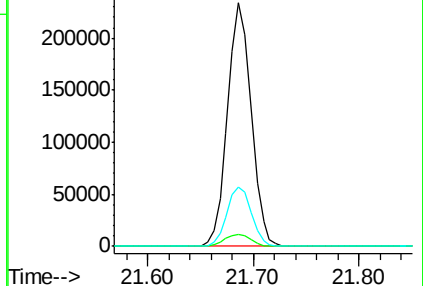
236 24.3 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 22.916 ng

RT: 19.64 min Scan# 2784

Delta R.T. -0.02 min

Lab File: BG035349.D

Acq: 23 Jun 2018 1:12

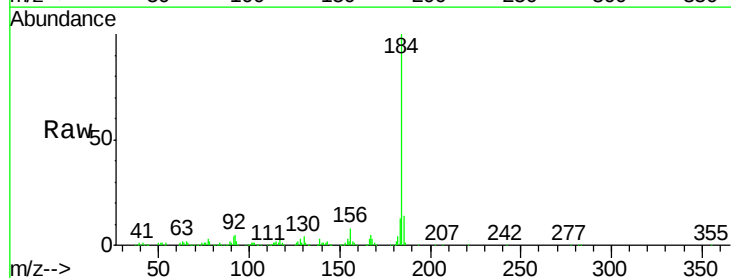
Tgt Ion:184 Resp: 308813

Ion Ratio Lower Upper

184 100

185 14.3 11.1 16.7

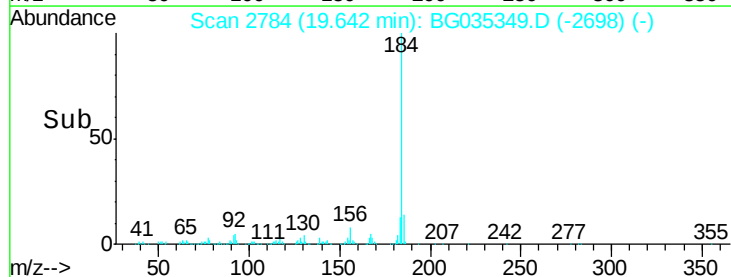
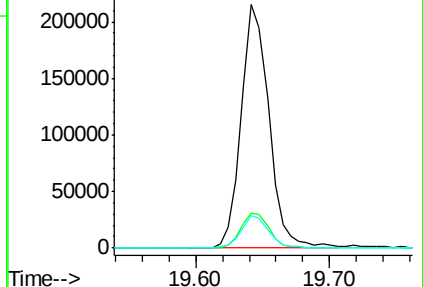
183 13.4 10.6 16.0

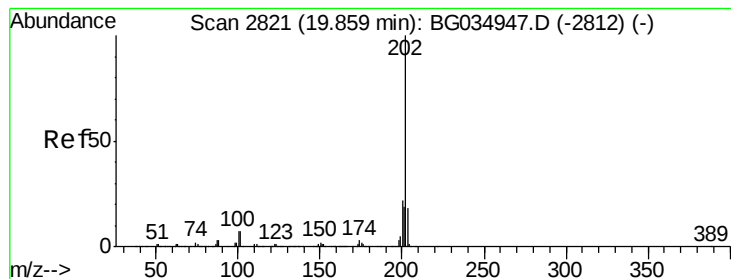


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 43.804 ng

RT: 19.83 min Scan# 2816

Delta R.T. -0.02 min

Lab File: BG035349.D

Acq: 23 Jun 2018 1:12

Instrument :

BNA_G

ClientSampleId :

PB110484BS

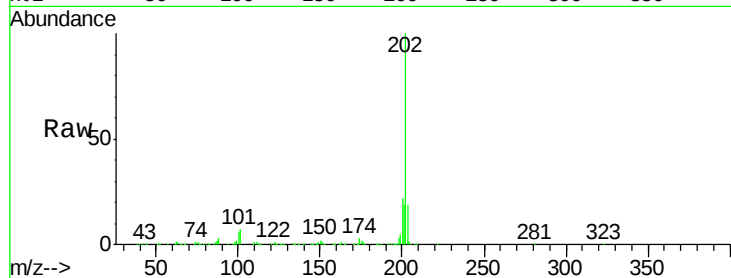
Tgt Ion:202 Resp: 1046021

Ion Ratio Lower Upper

202 100

200 22.4 16.9 25.3

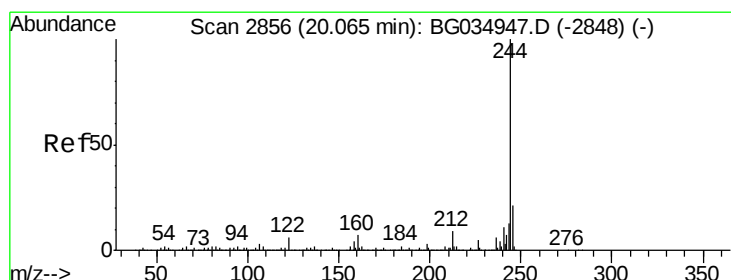
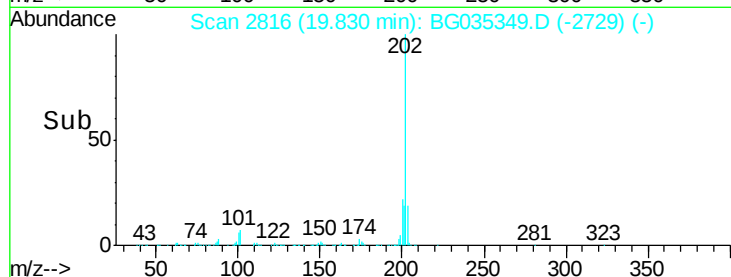
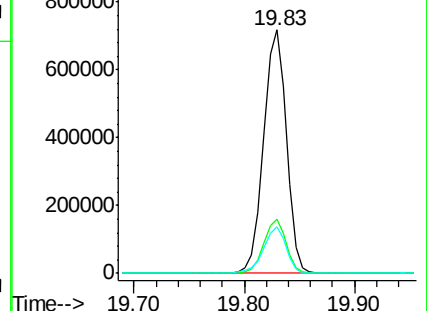
203 18.9 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 95.622 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035349.D

Acq: 23 Jun 2018 1:12

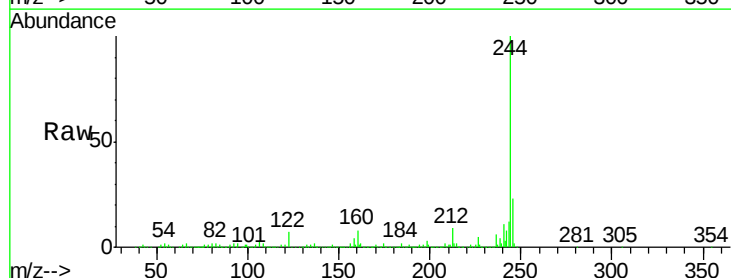
Tgt Ion:244 Resp: 1653562

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

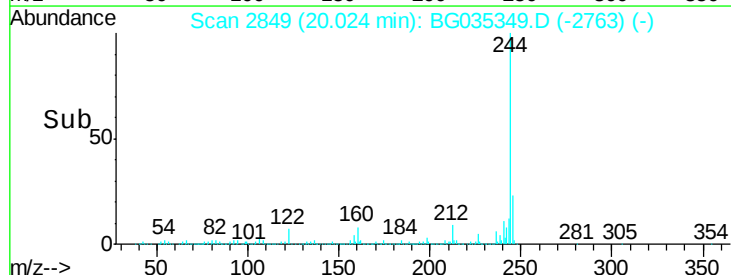
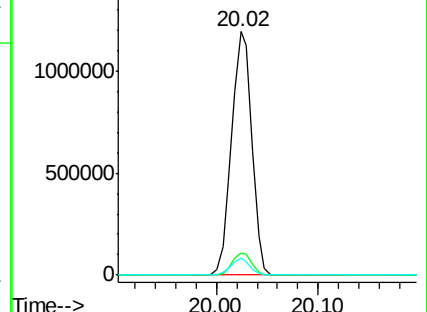
122 6.8 7.0 10.4#

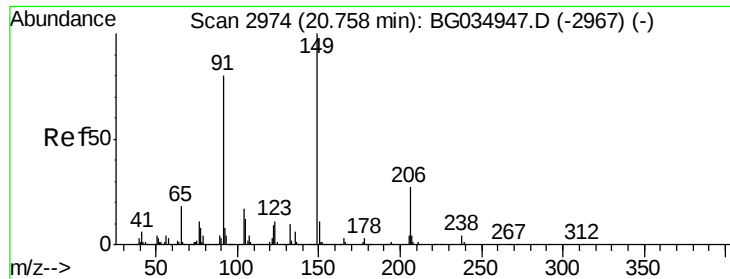


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

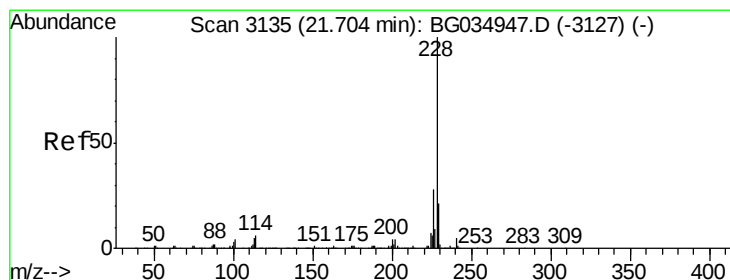
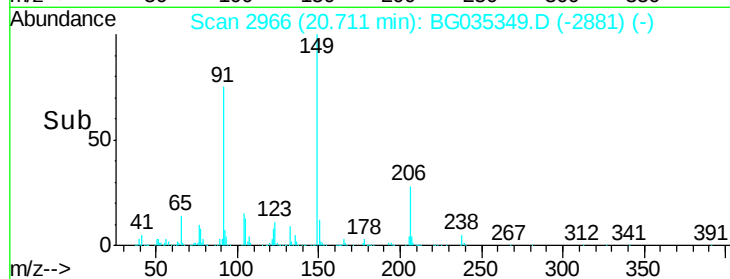
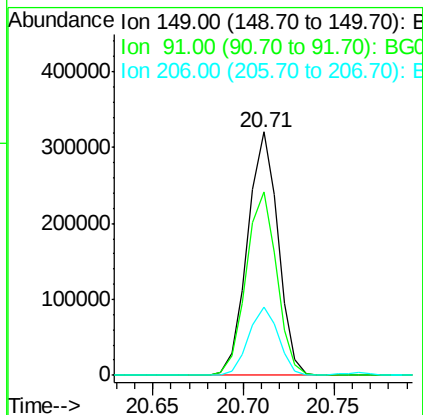
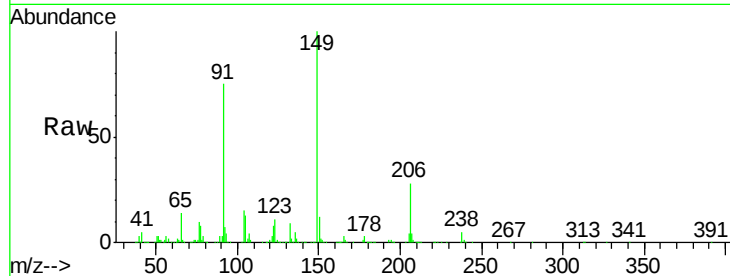




#79
Butylbenzylphthalate
Concen: 43.462 ng
RT: 20.71 min Scan# 2966
Delta R.T. -0.03 min
Lab File: BG035349.D
Acq: 23 Jun 2018 1:12

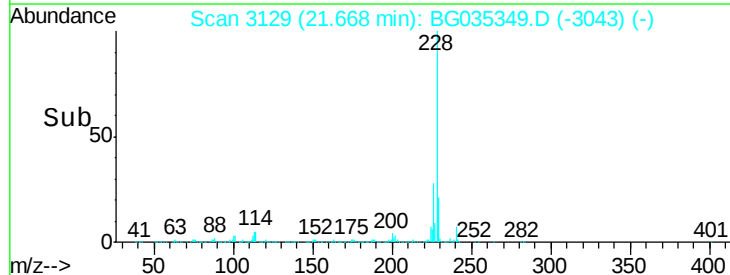
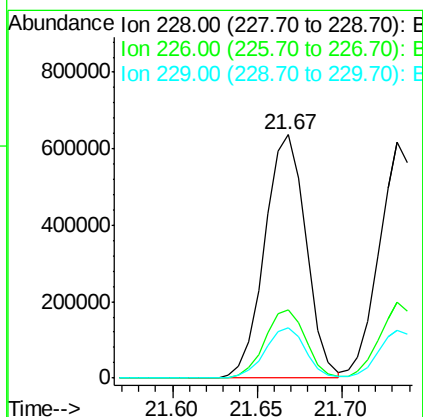
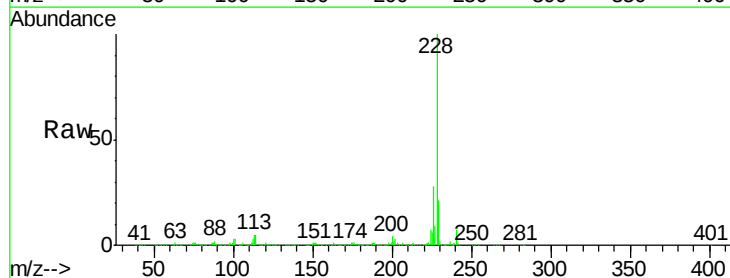
Instrument :
BNA_G
ClientSampleId :
PB110484BS

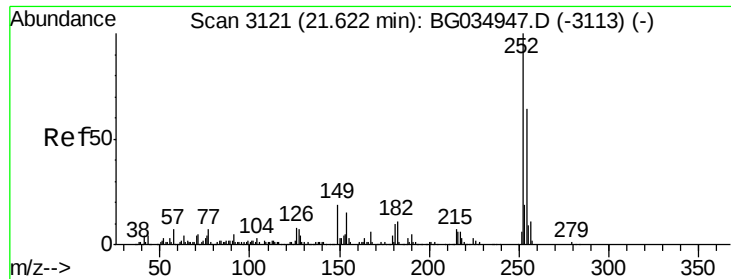
Tgt Ion:149 Resp: 376866
Ion Ratio Lower Upper
149 100
91 75.3 62.2 93.2
206 28.1 18.6 27.8#



#80
Benzo(a)anthracene
Concen: 46.248 ng
RT: 21.67 min Scan# 3129
Delta R.T. -0.02 min
Lab File: BG035349.D
Acq: 23 Jun 2018 1:12

Tgt Ion:228 Resp: 1070512
Ion Ratio Lower Upper
228 100
226 28.1 22.7 34.1
229 20.5 16.2 24.2

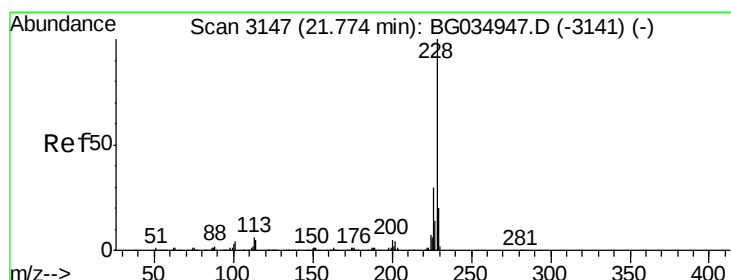
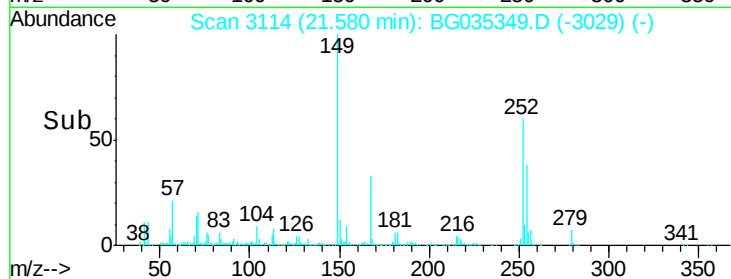
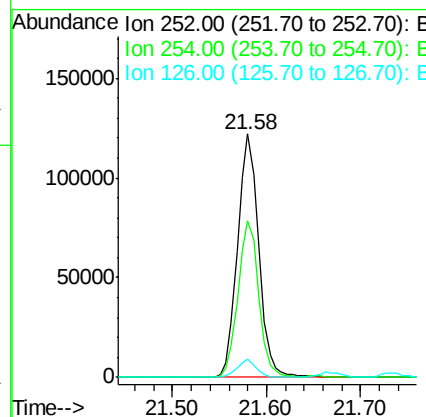
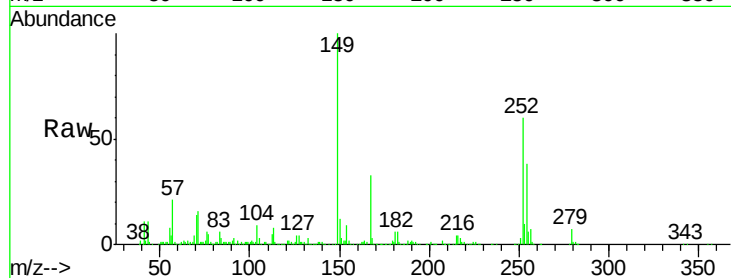




#81
 3,3'-Dichlorobenzidine
 Concen: 21.967 ng
 RT: 21.58 min Scan# 3114
 Delta R.T. -0.03 min
 Lab File: BG035349.D
 Acq: 23 Jun 2018 1:12

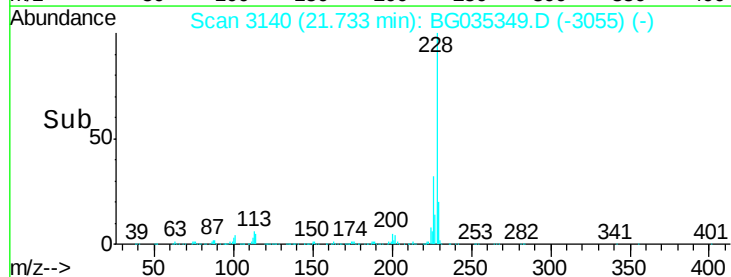
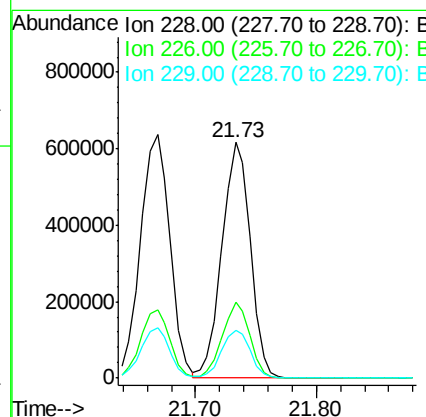
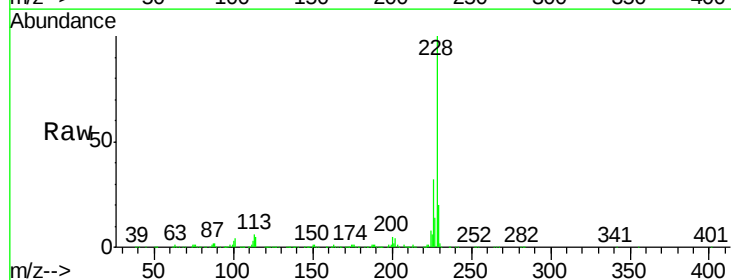
Instrument :
 BNA_G
 ClientSampleId :
 PB110484BS

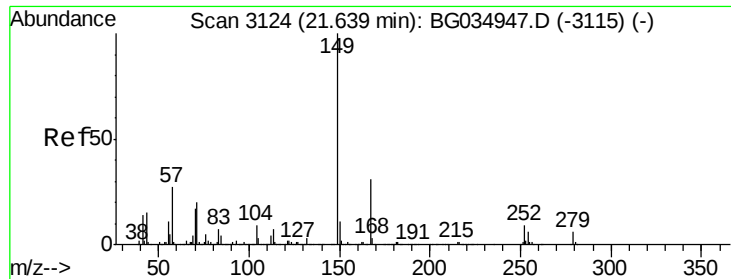
Tgt Ion:252 Resp: 191299
 Ion Ratio Lower Upper
 252 100
 254 64.4 50.8 76.2
 126 7.3 7.4 11.2#



#82
 Chrysene
 Concen: 47.100 ng
 RT: 21.73 min Scan# 3140
 Delta R.T. -0.03 min
 Lab File: BG035349.D
 Acq: 23 Jun 2018 1:12

Tgt Ion:228 Resp: 998200
 Ion Ratio Lower Upper
 228 100
 226 32.2 24.9 37.3
 229 20.4 15.0 22.4

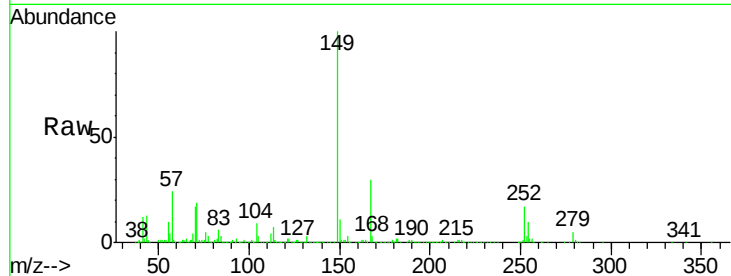




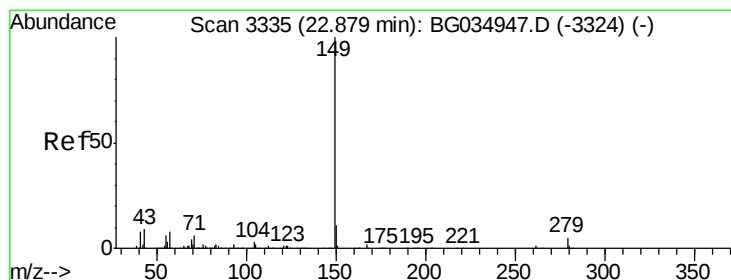
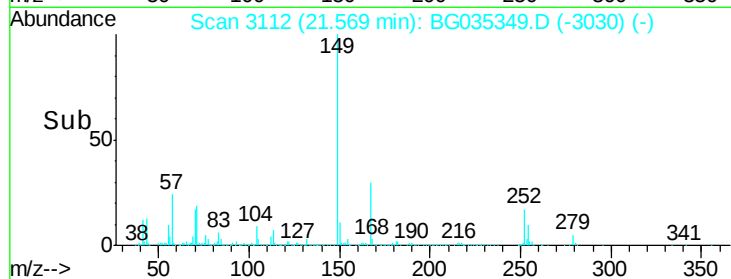
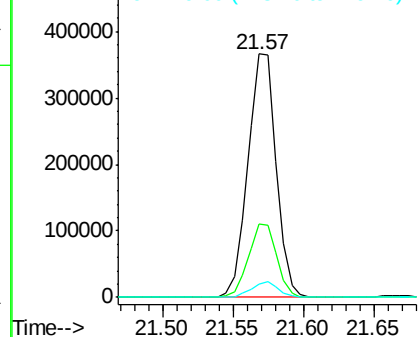
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.962 ng
 RT: 21.57 min Scan# 3112
 Delta R.T. -0.05 min
 Lab File: BG035349.D
 Acq: 23 Jun 2018 1:12

Instrument :
 BNA_G
 ClientSampleId :
 PB110484BS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.2	24.3	36.5
279	5.4	4.0	6.0

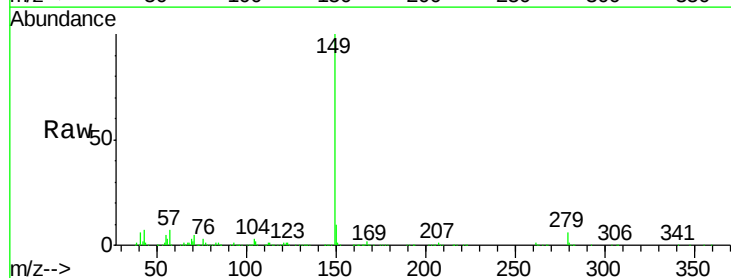


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

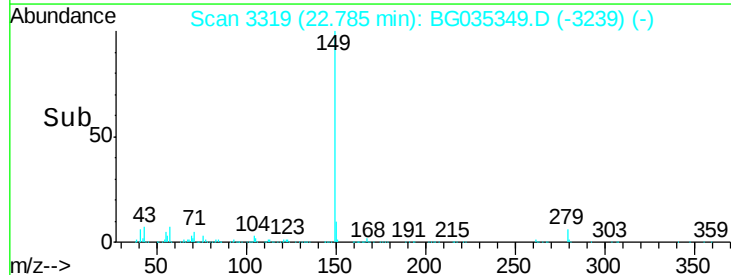
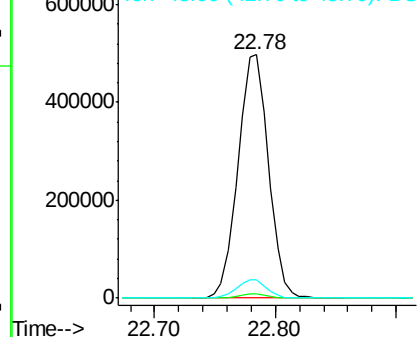


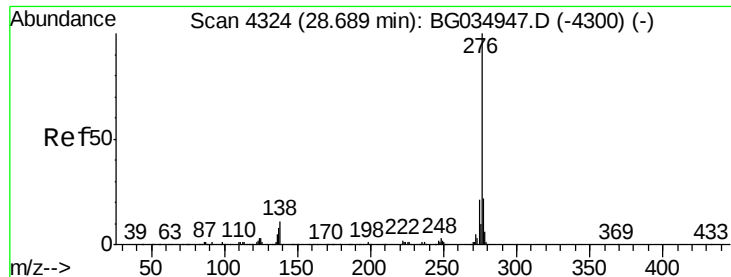
#84
 Di-n-octyl phthalate
 Concen: 41.689 ng
 RT: 22.78 min Scan# 3319
 Delta R.T. -0.06 min
 Lab File: BG035349.D
 Acq: 23 Jun 2018 1:12

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	7.5	8.9	13.3#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BG

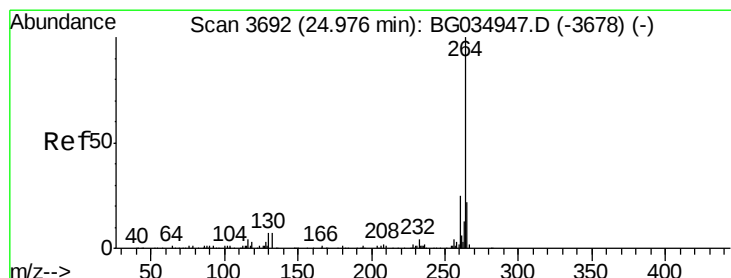
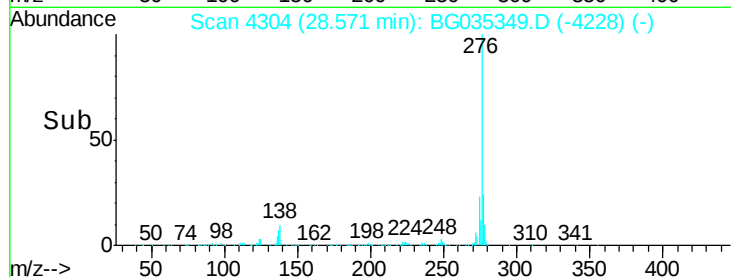
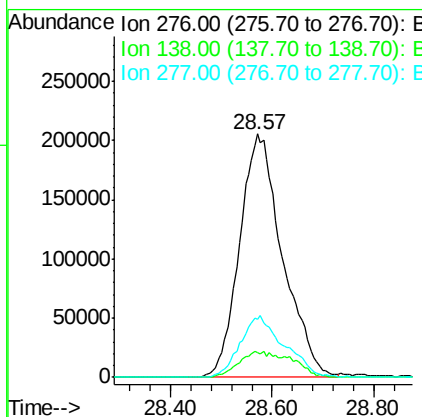
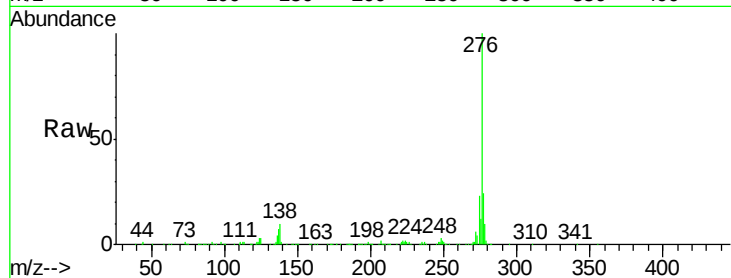




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 48.586 ng
 RT: 28.57 min Scan# 4304
 Delta R.T. -0.08 min
 Lab File: BG035349.D
 Acq: 23 Jun 2018 1:12

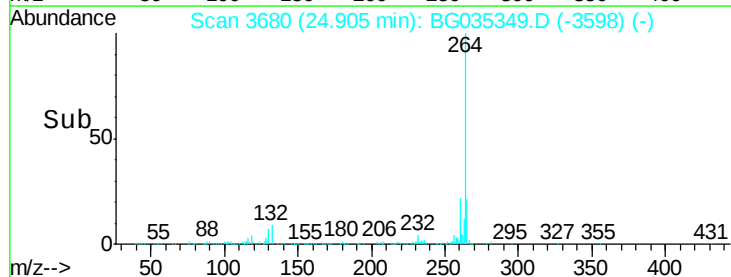
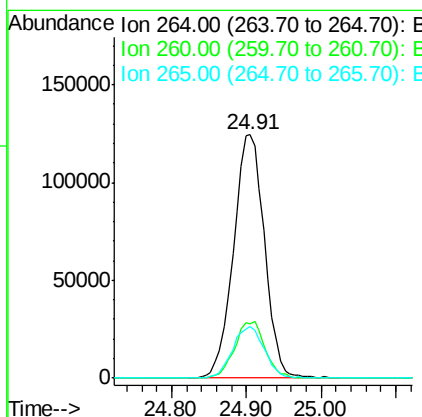
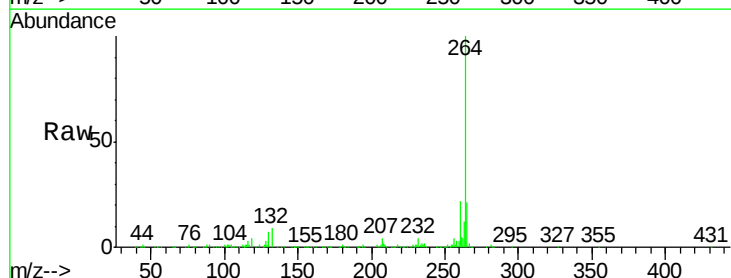
Instrument :
 BNA_G
 ClientSampleId :
 PB110484BS

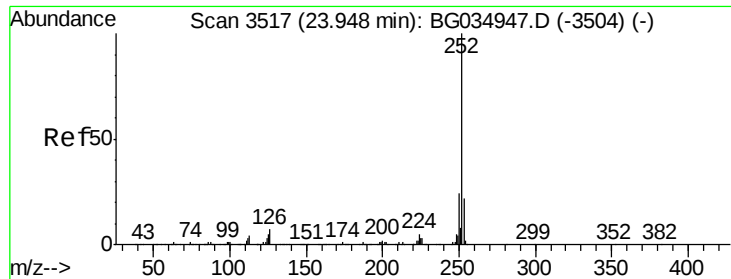
Tgt Ion: 276 Resp: 1205961
 Ion Ratio Lower Upper
 276 100
 138 6.7 16.0 24.0#
 277 26.0 20.0 30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.91 min Scan# 3680
 Delta R.T. -0.05 min
 Lab File: BG035349.D
 Acq: 23 Jun 2018 1:12

Tgt Ion: 264 Resp: 357652
 Ion Ratio Lower Upper
 264 100
 260 22.2 17.4 26.0
 265 21.2 17.7 26.5





#87

Benzo(b)fluoranthene

Concen: 47.853 ng

RT: 23.88 min Scan# 3506

Delta R.T. -0.04 min

Lab File: BG035349.D

Acq: 23 Jun 2018 1:12

Instrument :

BNA_G

ClientSampleId :

PB110484BS

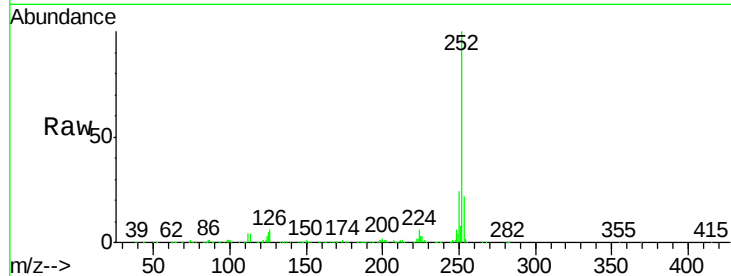
Tgt Ion:252 Resp: 1053971

Ion Ratio Lower Upper

252 100

253 21.9 18.2 27.4

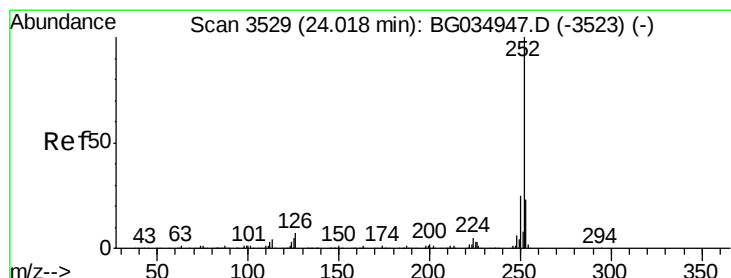
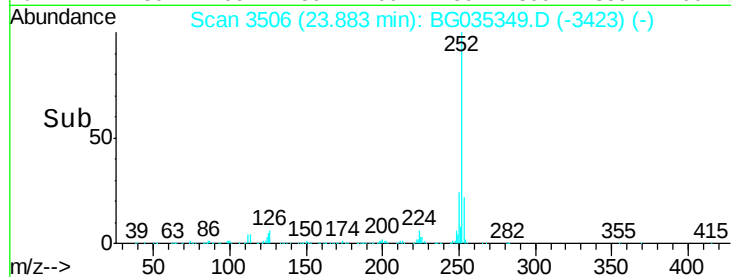
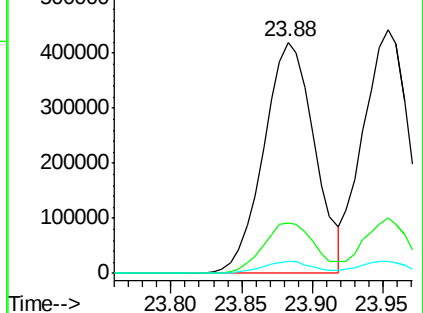
125 5.0 7.2 10.8#



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: 47.073 ng

RT: 23.95 min Scan# 3518

Delta R.T. -0.04 min

Lab File: BG035349.D

Acq: 23 Jun 2018 1:12

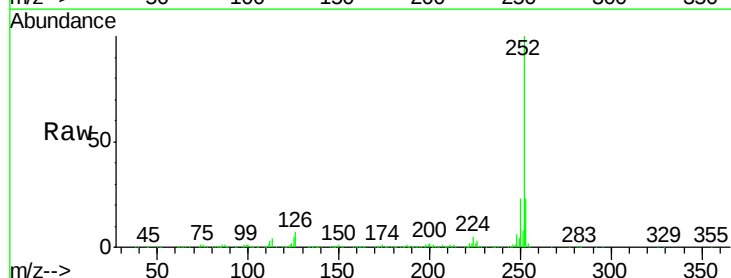
Tgt Ion:252 Resp: 1014192

Ion Ratio Lower Upper

252 100

253 23.0 17.4 26.2

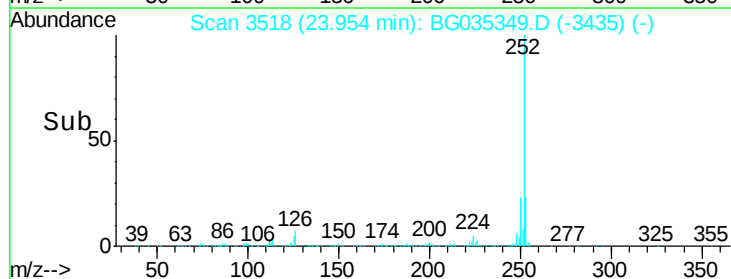
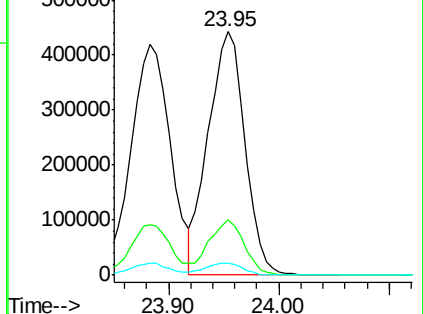
125 4.9 6.6 9.8#

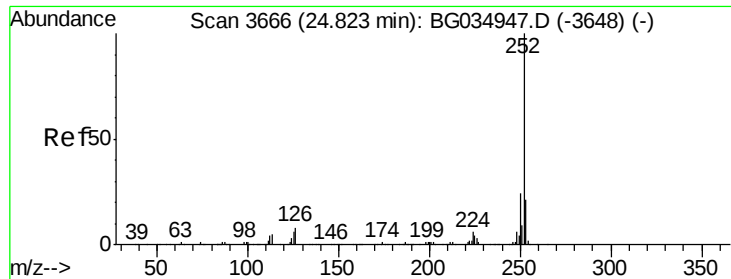


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 49.968 ng

RT: 24.75 min Scan# 3654

Delta R.T. -0.05 min

Lab File: BG035349.D

Acq: 23 Jun 2018 1:12

Instrument :

BNA_G

ClientSampleId :

PB110484BS

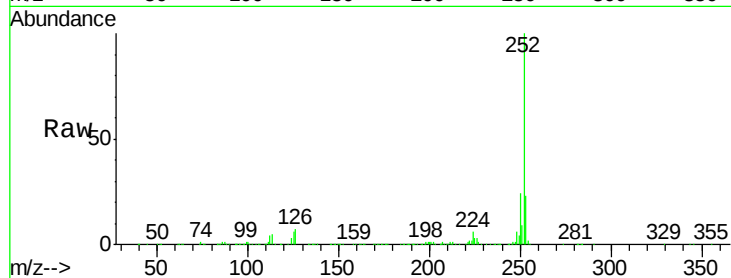
Tgt Ion:252 Resp: 1035578

Ion Ratio Lower Upper

252 100

253 23.0 18.3 27.5

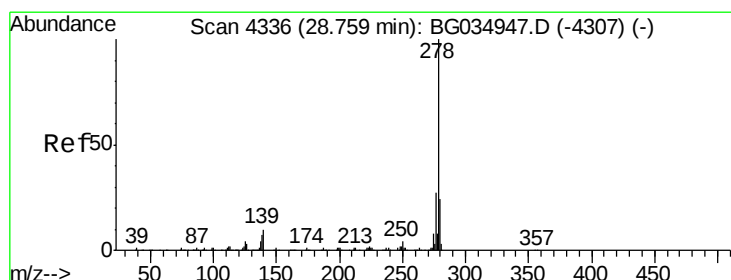
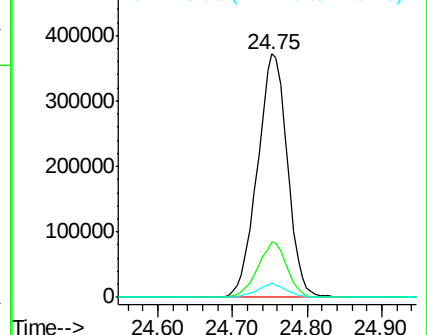
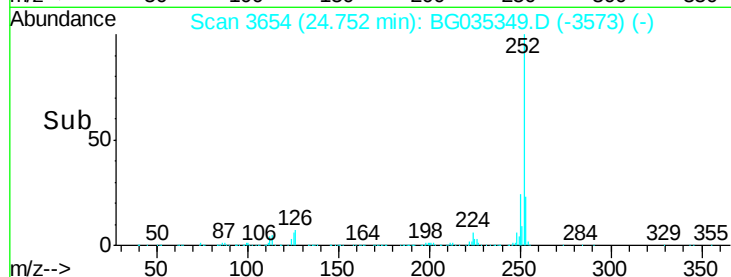
125 5.9 7.3 10.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 48.205 ng

RT: 28.64 min Scan# 4315

Delta R.T. -0.09 min

Lab File: BG035349.D

Acq: 23 Jun 2018 1:12

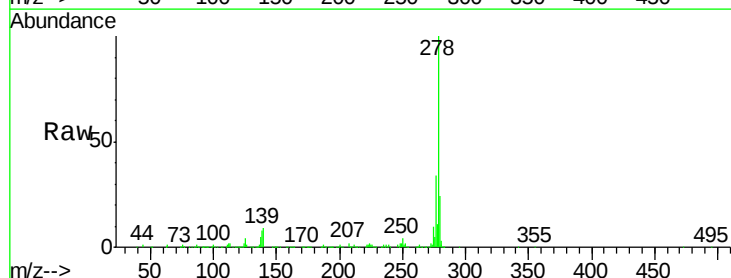
Tgt Ion:278 Resp: 986225

Ion Ratio Lower Upper

278 100

139 8.8 9.8 14.6#

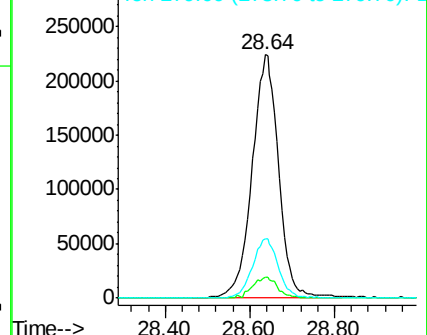
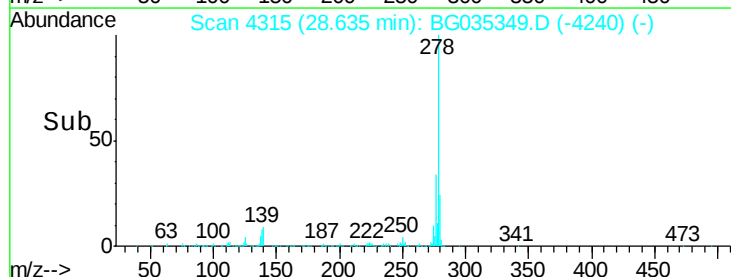
279 24.3 18.4 27.6

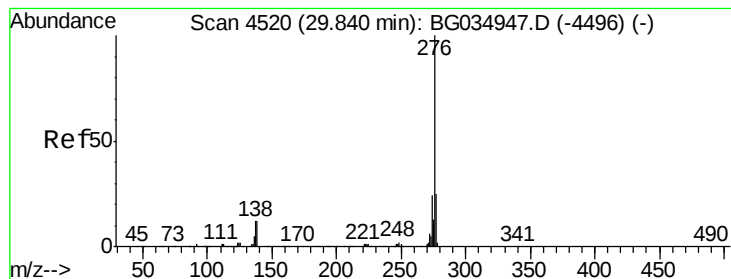


Abundance Ion 278.00 (277.70 to 278.70): E

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: 49.809 ng

RT: 29.72 min Scan# 4500

Delta R.T. -0.08 min

Lab File: BG035349.D

Acq: 23 Jun 2018 1:12

Instrument :

BNA_G

ClientSampleId :

PB110484BS

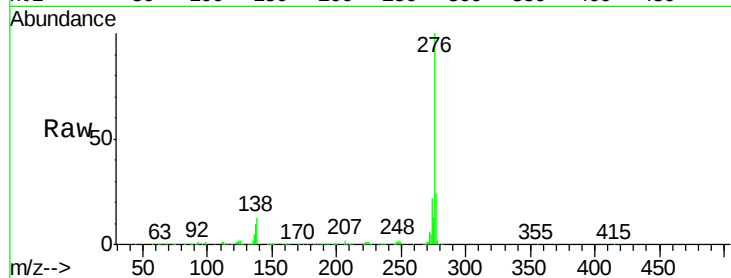
Tgt Ion: 276 Resp: 997286

Ion Ratio Lower Upper

276 100

277 23.7 18.3 27.5

138 12.6 13.9 20.9#



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

