

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062118\
 Data File : BG035311.D
 Acq On : 21 Jun 2018 22:31
 Operator : JU/SJ
 Sample : PB110432BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 22 05:15:15 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	8.05	152	48678	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	176999	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	131154	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	354100	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	373849	20.00	ng	-0.02
86) Perylene-d12	24.91	264	368309	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.63	112	410450	142.30	ng	-0.01
7) Phenol-d6	7.22	99	587914	138.10	ng	0.00
23) Nitrobenzene-d5	9.22	82	371066	99.65	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	279077	166.22	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	874407	86.67	ng	-0.02
78) Terphenyl-d14	20.03	244	1582643	88.68	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.55	88	49335	35.848	ng	# 72
3) Pyridine	3.94	79	138674	37.345	ng	# 70
4) n-Nitrosodimethylamine	3.85	42	56980	35.719	ng	# 76
6) Aniline	7.38	93	132829	24.138	ng	92
8) 2-Chlorophenol	7.62	128	128348	42.450	ng	96
9) Benzaldehyde	7.19	77	72010	21.959	ng	93
10) Phenol	7.24	94	201285	45.687	ng	95
11) bis(2-Chloroethyl)ether	7.48	93	129281	37.806	ng	91
12) 1,3-Dichlorobenzene	7.95	146	150220	41.641	ng	98
13) 1,4-Dichlorobenzene	8.09	146	150015	40.283	ng	96
14) 1,2-Dichlorobenzene	8.41	146	143334	40.976	ng	99
15) Benzyl Alcohol	8.29	79	151514	37.560	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.57	45	140439	41.263	ng	78
17) 2-Methylphenol	8.49	107	132836	45.731	ng	94
18) Hexachloroethane	9.14	117	56580	42.439	ng	90
19) n-Nitroso-di-n-propylamine	8.86	70	119472	33.032	ng	# 83
20) 3+4-Methylphenols	8.82	107	180904	43.450	ng	93
22) Acetophenone	8.87	105	220785	40.268	ng	# 88
24) Nitrobenzene	9.26	77	181237	47.531	ng	94
25) Isophorone	9.78	82	341450	43.432	ng	99
26) 2-Nitrophenol	9.97	139	74587	56.750	ng	# 91
27) 2,4-Dimethylphenol	10.03	122	139894	50.638	ng	88
28) bis(2-Chloroethoxy)methane	10.26	93	183855	43.519	ng	95
29) 2,4-Dichlorophenol	10.51	162	155803	51.831	ng	94
30) 1,2,4-Trichlorobenzene	10.72	180	165239	45.843	ng	96
31) Naphthalene	10.91	128	398935	43.386	ng	99
32) Benzoic acid	10.17	122	92759	50.129	ng	99
33) 4-Chloroaniline	11.01	127	54226	13.582	ng	97
34) Hexachlorobutadiene	11.19	225	126893	45.267	ng	95
35) Caprolactam	11.79	113	36522	32.875	ng	# 60
36) 4-Chloro-3-methylphenol	12.13	107	186547	49.784	ng	94
37) 2-Methylnaphthalene	12.51	142	317256	45.509	ng	92
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	218513	44.730	ng	98
40) Hexachlorocyclopentadiene	12.86	237	317375	103.599	ng	91

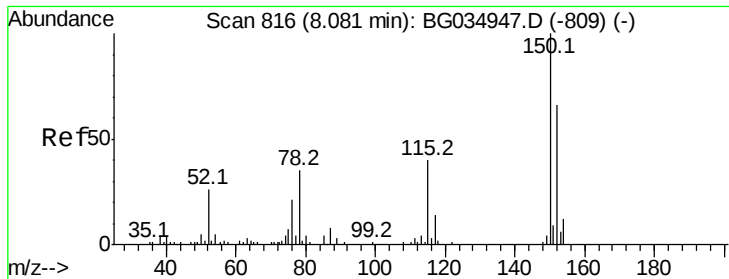
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062118\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	146091	49.943	nq	98
43) 2,4,5-Trichlorophenol	13.19	196	164928	51.370	nq	93
45) 1,1'-Biphenyl	13.52	154	441321	41.847	nq	99
46) 2-Chloronaphthalene	13.56	162	348579	43.717	nq	98
47) 2-Nitroaniline	13.76	65	115984	49.260	nq	93
48) Acenaphthylene	14.40	152	579263	43.326	nq	98
49) Dimethylphthalate	14.13	163	481158	42.070	nq	98
50) 2,6-Dinitrotoluene	14.25	165	108676	52.085	nq	92
51) Acenaphthene	14.74	154	340729	39.005	nq	98
52) 3-Nitroaniline	14.58	138	52099	25.446	nq #	89
53) 2,4-Dinitrophenol	14.78	184	129713	153.612	nq #	64
54) Dibenzofuran	15.08	168	561380	42.909	nq	94
55) 4-Nitrophenol	14.88	139	167392	96.874	nq #	88
56) 2,4-Dinitrotoluene	15.04	165	159036	57.379	nq #	84
57) Fluorene	15.72	166	467299	42.738	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.30	232	171208	54.892	nq #	91
59) Diethylphthalate	15.49	149	476912	40.871	nq	97
60) 4-Chlorophenyl-phenylether	15.71	204	277206	44.461	nq	97
61) 4-Nitroaniline	15.74	138	106269	48.398	nq #	78
62) Azobenzene	16.01	77	465307	40.693	nq	94
64) 4,6-Dinitro-2-methylphenol	15.79	198	93954	58.114	nq	87
65) n-Nitrosodiphenylamine	15.93	169	431409	40.569	nq	96
66) 4-Bromophenyl-phenylether	16.61	248	189271	44.386	nq	99
67) Hexachlorobenzene	16.73	284	194929	44.912	nq	95
68) Atrazine	16.88	200	190686	42.049	nq	97
69) Pentachlorophenol	17.07	266	236898	81.171	nq	96
70) Phenanthrene	17.46	178	774664	43.067	nq	97
71) Anthracene	17.56	178	777442	43.148	nq	98
72) Carbazole	17.82	167	705620	42.208	nq	99
73) Di-n-butylphthalate	18.38	149	796693	39.983	nq	98
74) Fluoranthene	19.47	202	1015008	43.364	nq	96
76) Benzidine	19.65	184	407660	29.310	nq	99
77) Pyrene	19.83	202	1011799	41.054	nq	97
79) Butylbenzylphthalate	20.71	149	359614	40.183	nq	98
80) Benzo(a)anthracene	21.67	228	1026546	42.970	nq	99
81) 3,3'-Dichlorobenzidine	21.59	252	221570	24.652	nq #	99
82) Chrysene	21.74	228	960893	43.930	nq	97
83) Bis(2-ethylhexyl)phthalate	21.57	149	490687	38.804	nq	99
84) Di-n-octyl phthalate	22.79	149	840156	38.727	nq #	92
85) Indeno(1,2,3-cd)pyrene	28.58	276	1127253	44.003	nq #	88
87) Benzo(b)fluoranthene	23.89	252	1007968	44.441	nq #	95
88) Benzo(k)fluoranthene	23.95	252	931363	41.977	nq #	97
89) Benzo(a)pyrene	24.76	252	964020	45.169	nq #	97
90) Dibenzo(a,h)anthracene	28.65	278	923128	43.815	nq #	96
91) Benzo(g,h,i)perylene	29.74	276	951305	46.138	nq #	93

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

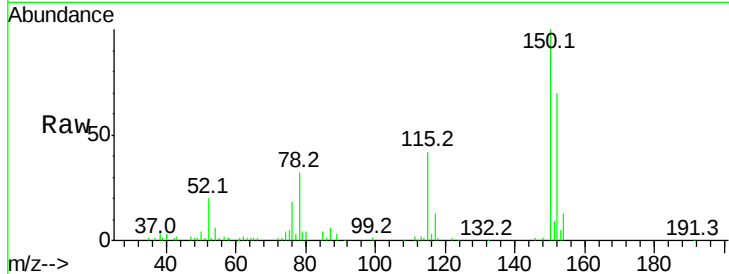


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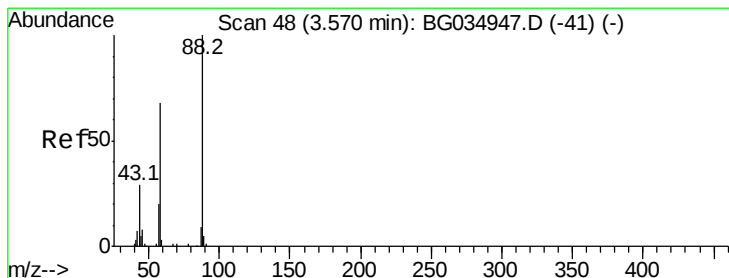
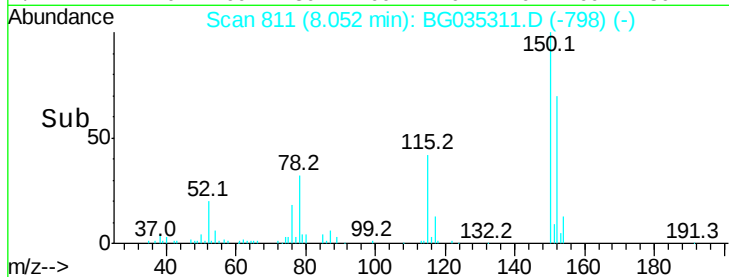
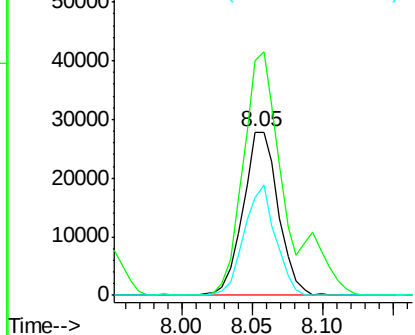
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 811
 Delta R.T. -0.02 min
 Lab File: BG035311.D
 Acq: 21 Jun 2018 22:31

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:152 Resp: 48678
 Ion Ratio Lower Upper
 152 100
 150 143.5 126.6 189.8
 115 60.0 53.0 79.4



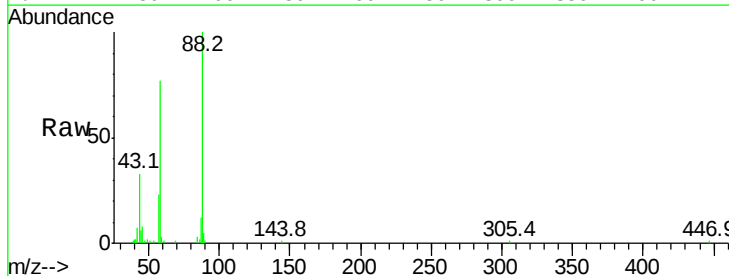
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



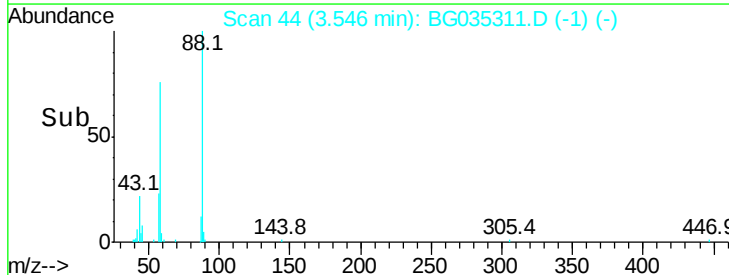
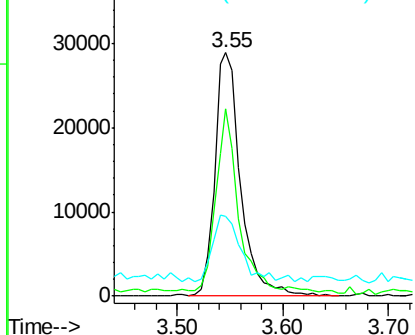
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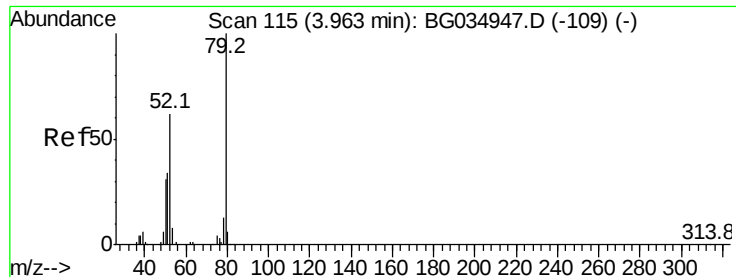
1,4-Dioxane
 Concen: 35.848 ng
 RT: 3.55 min Scan# 44
 Delta R.T. -0.02 min
 Lab File: BG035311.D
 Acq: 21 Jun 2018 22:31

Tgt Ion: 88 Resp: 49335
 Ion Ratio Lower Upper
 88 100
 58 64.3 79.6 119.4#
 43 29.4 27.4 41.0



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





#3

Pvridine

Concen: 37.345 ng

RT: 3.94 min Scan# 111

Delta R.T. -0.02 min

Lab File: BG035311.D

Acq: 21 Jun 2018 22:31

Instrument :

BNA_G

ClientSampleId :

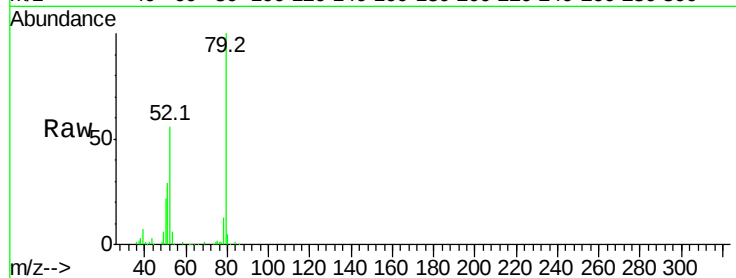
Tot Ion: 79 Resp: 138674

Ion Ratio Lower Upper

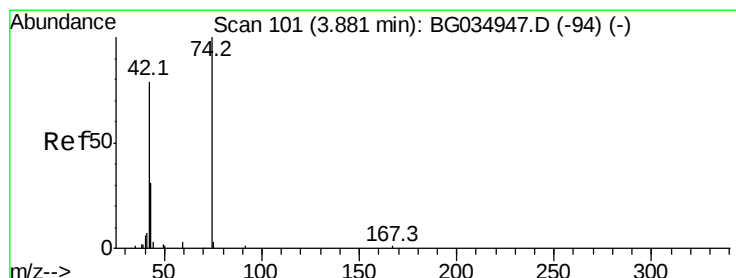
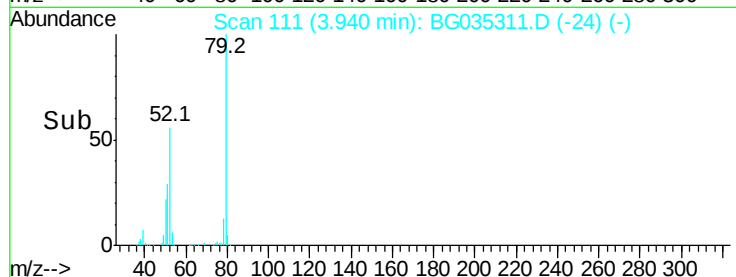
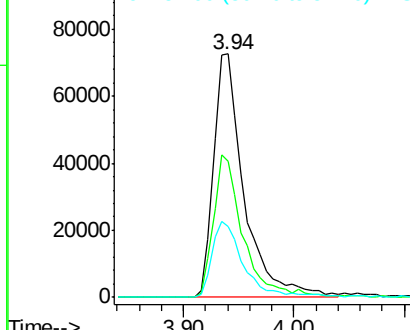
79 100

52 55.7 69.9 104.9#

51 29.4 34.0 51.0#



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



#4

n-Nitrosodimethylamine

Concen: 35.719 ng

RT: 3.85 min Scan# 96

Delta R.T. -0.02 min

Lab File: BG035311.D

Acq: 21 Jun 2018 22:31

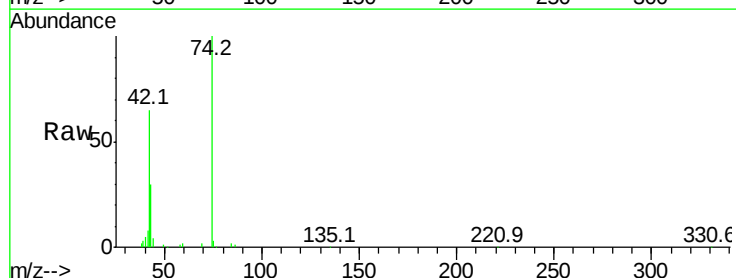
Tgt Ion: 42 Resp: 56980

Ion Ratio Lower Upper

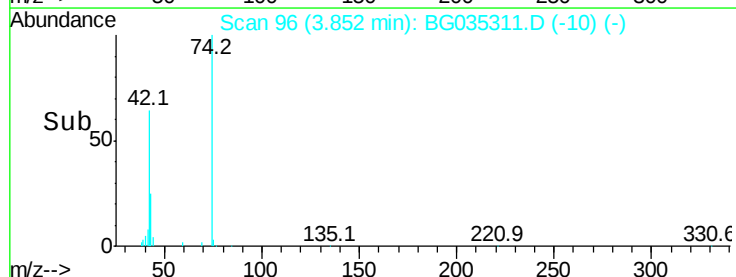
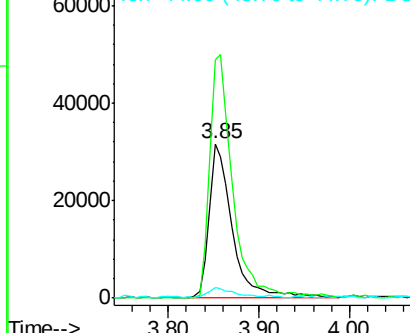
42 100

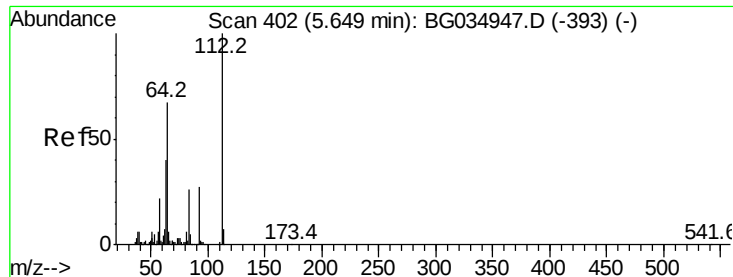
74 154.0 102.5 153.7#

44 6.7 18.9 28.3#



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





#5

2-Fluorophenol

Concen: 142.298 ng

RT: 5.63 min Scan# 399

Delta R.T. -0.01 min

Lab File: BG035311.D

Acq: 21 Jun 2018 22:31

Instrument :

BNA_G

ClientSampleId :

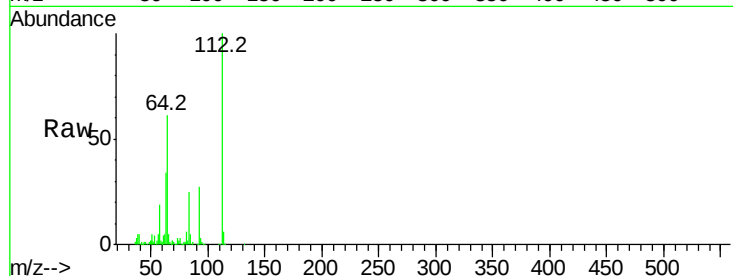
Tot Ion:112 Resp: 410450

Ion Ratio Lower Upper

112 100

64 61.2 56.3 84.5

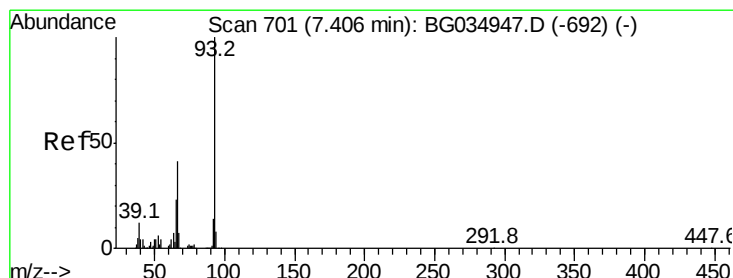
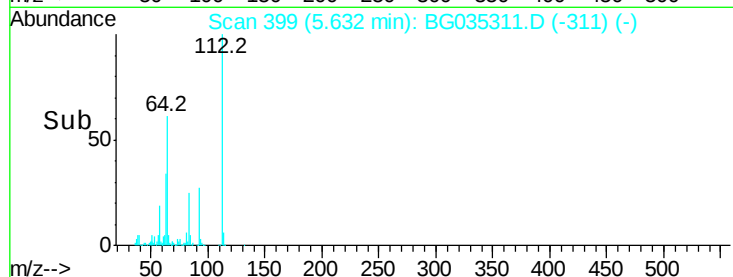
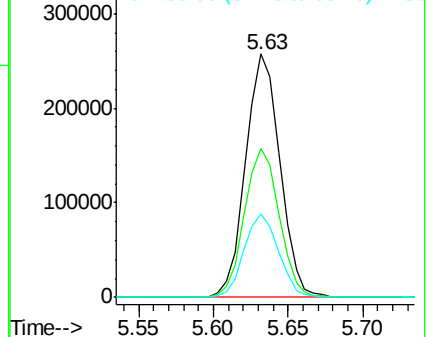
63 34.2 30.1 45.1



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: 24.138 ng

RT: 7.38 min Scan# 697

Delta R.T. -0.02 min

Lab File: BG035311.D

Acq: 21 Jun 2018 22:31

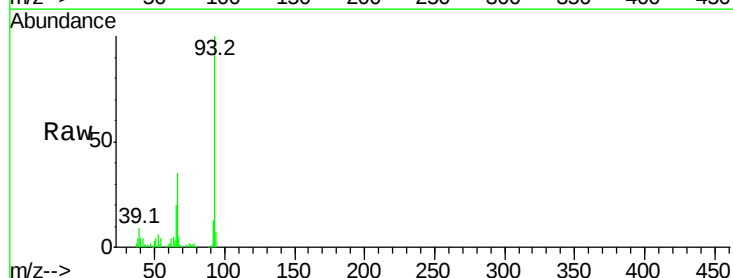
Tgt Ion: 93 Resp: 132829

Ion Ratio Lower Upper

93 100

66 35.1 33.7 50.5

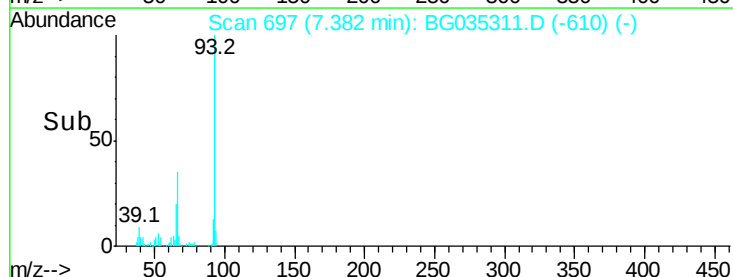
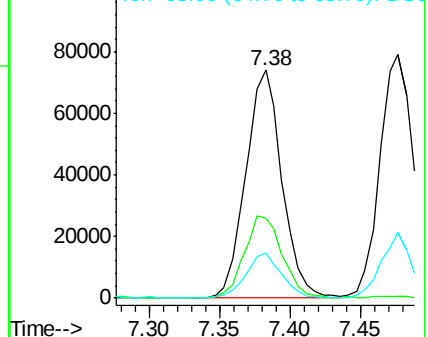
65 19.7 16.1 24.1

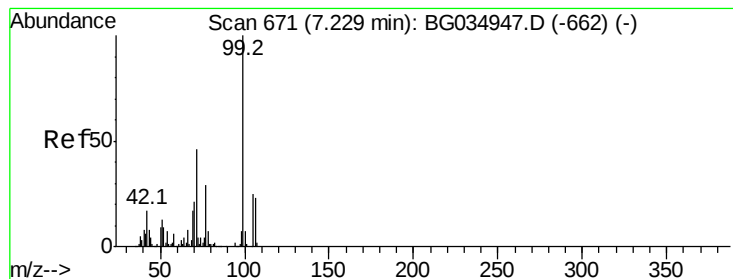


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 138.097 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG035311.D

Acq: 21 Jun 2018 22:31

Instrument :

BNA_G

ClientSampleId :

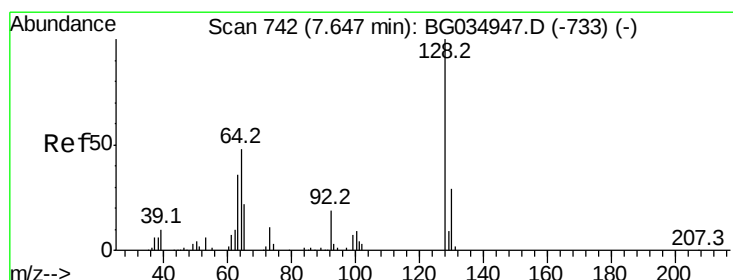
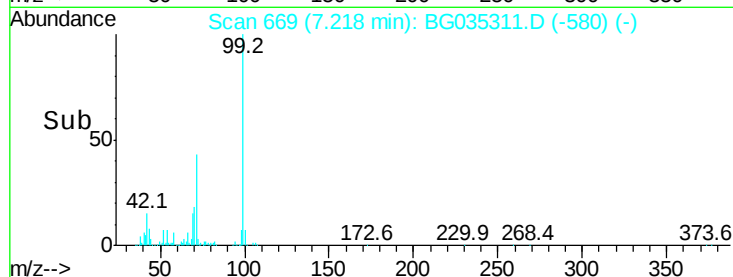
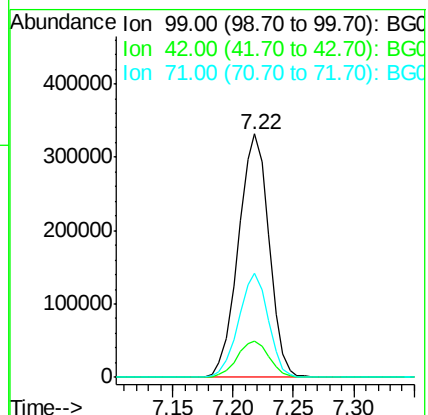
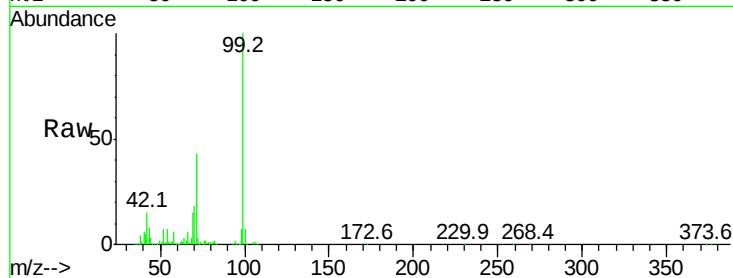
Tot Ion: 99 Resp: 587914

Ion Ratio Lower Upper

99 100

42 15.0 14.1 21.1

71 43.0 26.1 39.1#



#8

2-Chlorophenol

Concen: 42.450 ng

RT: 7.62 min Scan# 738

Delta R.T. -0.01 min

Lab File: BG035311.D

Acq: 21 Jun 2018 22:31

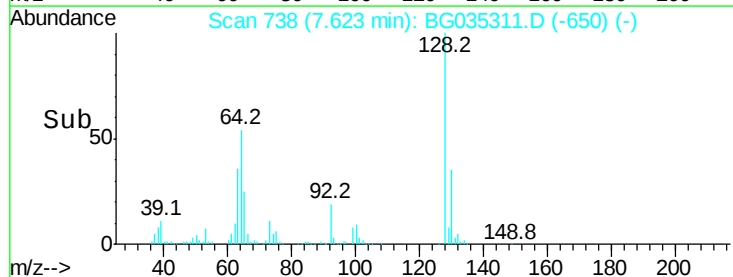
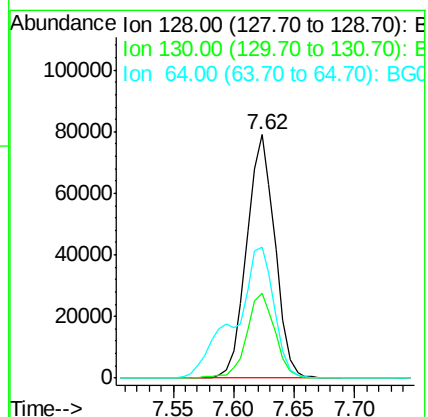
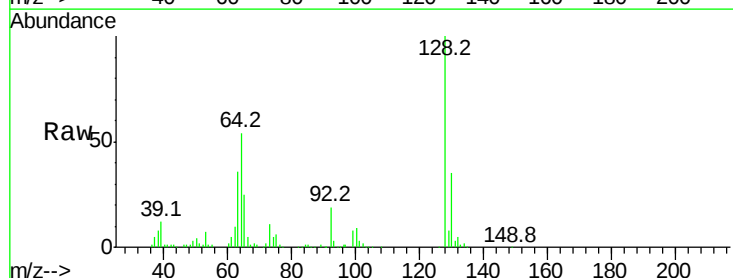
Tgt Ion:128 Resp: 128348

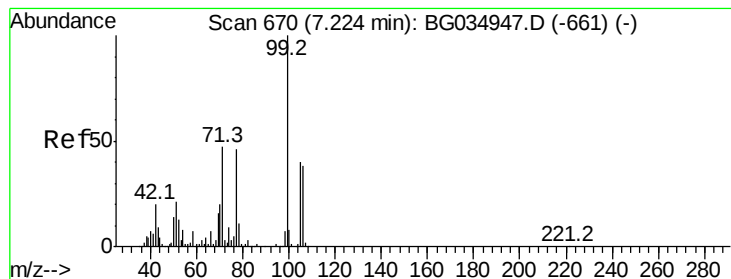
Ion Ratio Lower Upper

128 100

130 34.8 14.0 54.0

64 53.8 37.7 77.7





#9

Benzaldehyde

Concen: 21.959 ng

RT: 7.19 min Scan# 665

Delta R.T. -0.02 min

Lab File: BG035311.D

Acq: 21 Jun 2018 22:31

Instrument :

BNA_G

ClientSampleId :

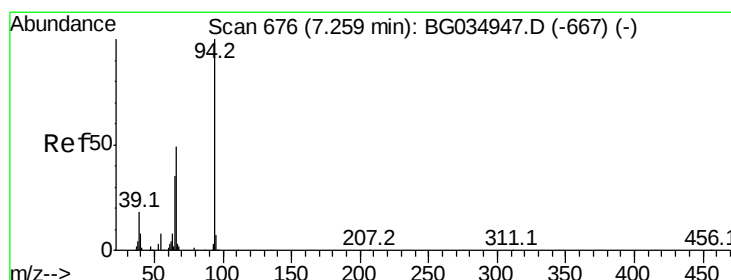
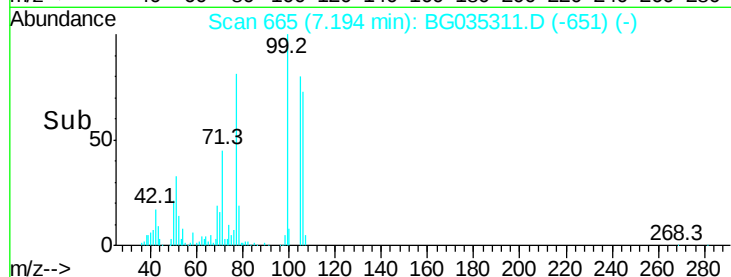
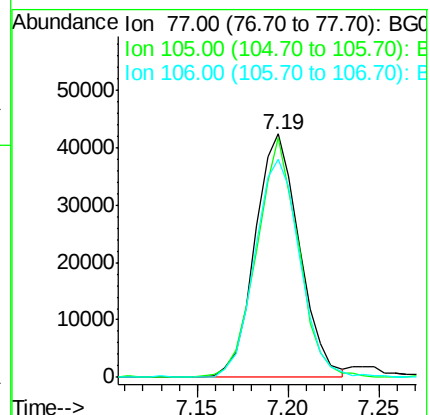
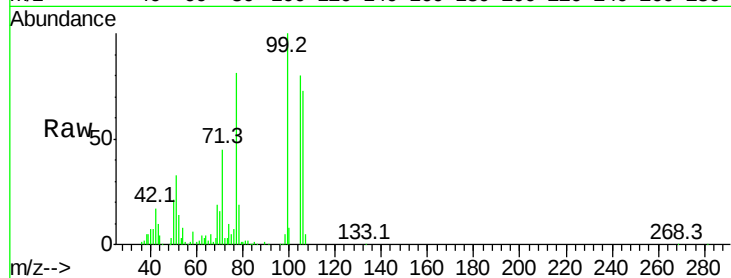
Tot Ion: 77 Resp: 72010

Ion Ratio Lower Upper

77 100

105 98.7 71.3 111.3

106 89.7 64.2 104.2



#10

Phenol

Concen: 45.687 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG035311.D

Acq: 21 Jun 2018 22:31

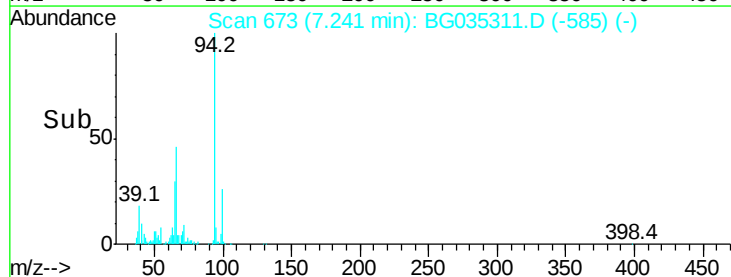
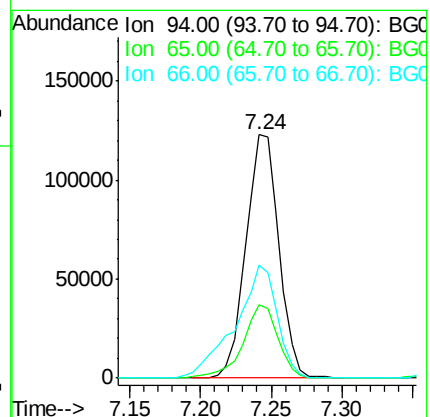
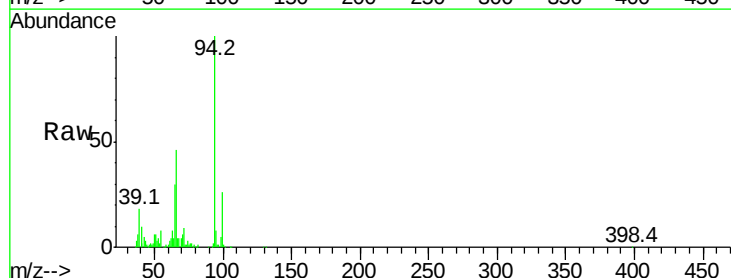
Tgt Ion: 94 Resp: 201285

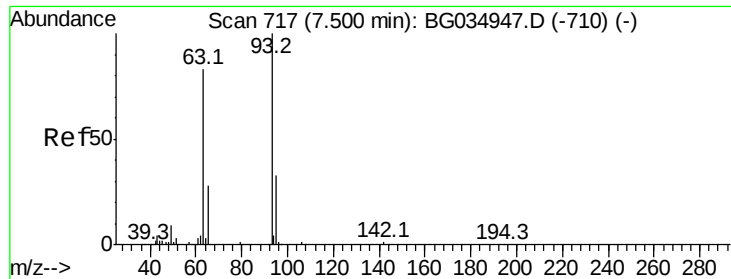
Ion Ratio Lower Upper

94 100

65 30.0 11.9 51.9

66 46.3 22.2 62.2

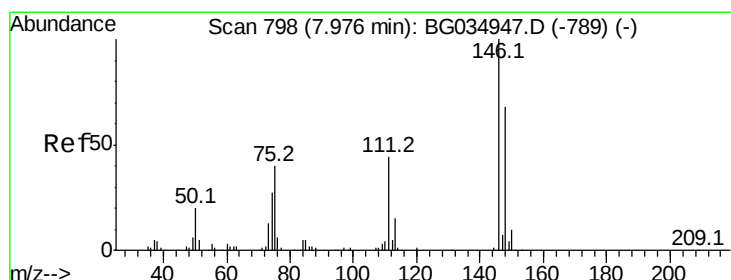
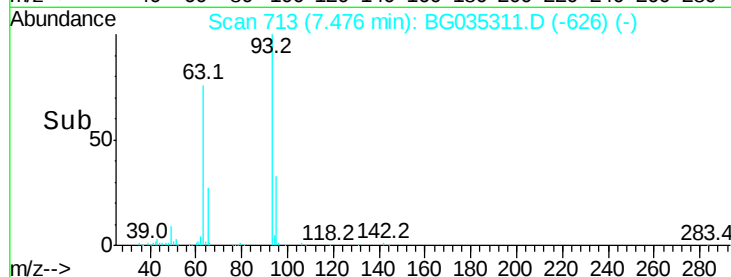
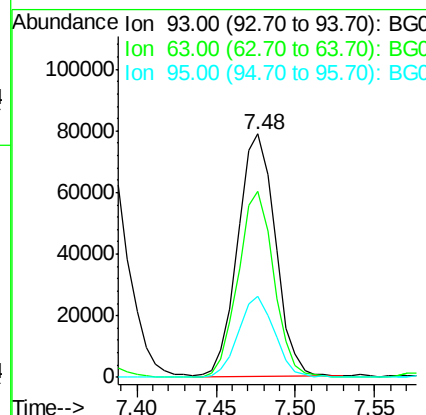
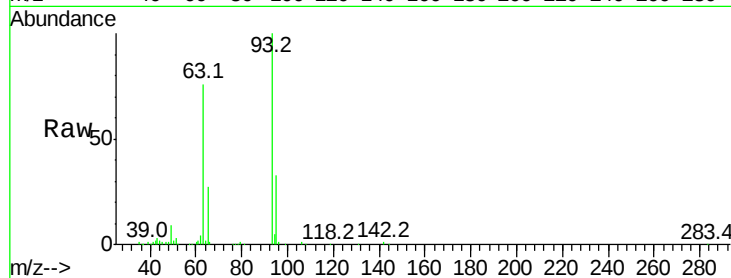




#11
bis(2-Chloroethyl)ether
Concen: 37.806 ng
RT: 7.48 min Scan# 713
Delta R.T. -0.02 min
Lab File: BG035311.D
Acq: 21 Jun 2018 22:31

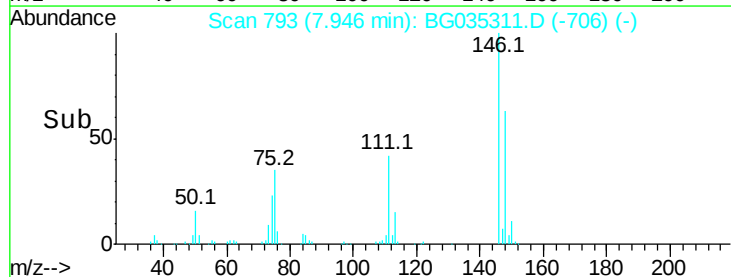
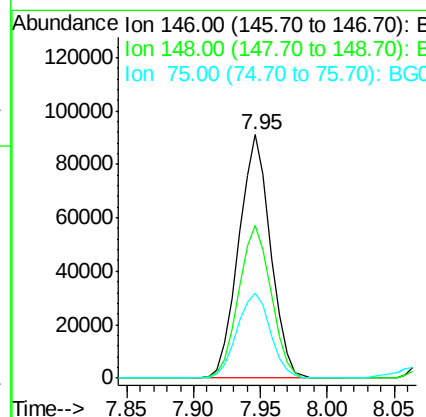
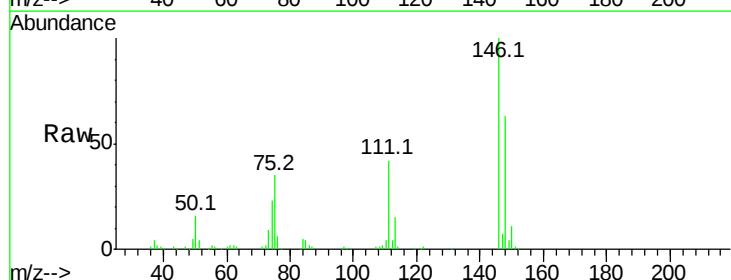
Instrument :
BNA_G
ClientSampleId :

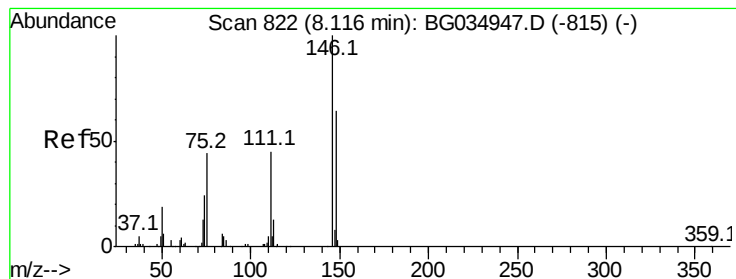
Tot Ion: 93 Resp: 129281
Ion Ratio Lower Upper
93 100
63 76.2 67.1 107.1
95 33.1 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 41.641 ng
RT: 7.95 min Scan# 793
Delta R.T. -0.02 min
Lab File: BG035311.D
Acq: 21 Jun 2018 22:31

Tgt Ion: 146 Resp: 150220
Ion Ratio Lower Upper
146 100
148 62.8 51.4 77.2
75 34.8 26.6 39.8





#13

1,4-Dichlorobenzene

Concen: 40.283 ng

RT: 8.09 min Scan# 818

Delta R.T. -0.02 min

Lab File: BG035311.D

Acq: 21 Jun 2018 22:31

Instrument :

BNA_G

ClientSampleId :

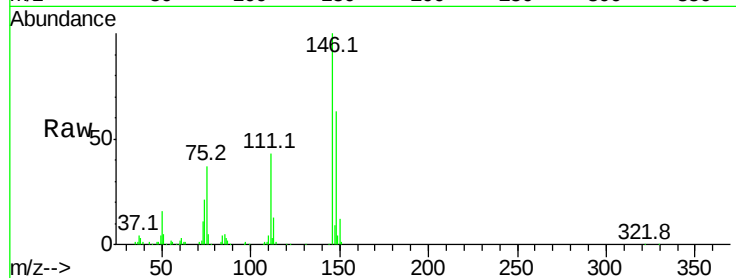
Tot Ion:146 Resp: 150015

Ion Ratio Lower Upper

146 100

148 63.2 53.7 80.5

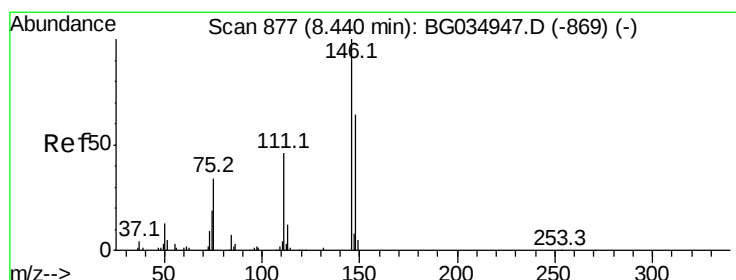
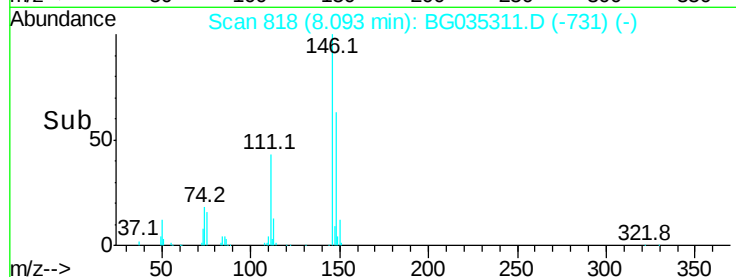
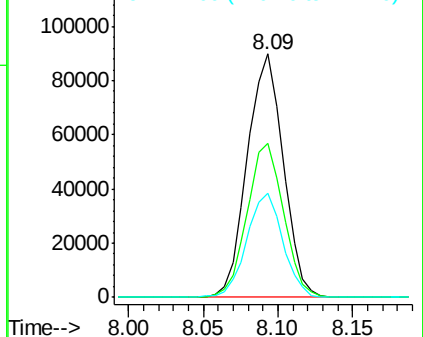
111 42.7 35.2 52.8



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: 40.976 ng

RT: 8.41 min Scan# 872

Delta R.T. -0.02 min

Lab File: BG035311.D

Acq: 21 Jun 2018 22:31

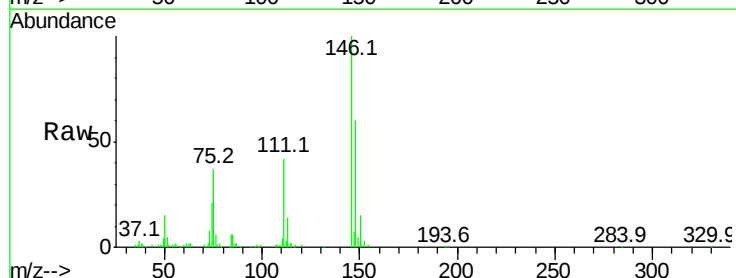
Tgt Ion:146 Resp: 143334

Ion Ratio Lower Upper

146 100

148 60.3 49.3 73.9

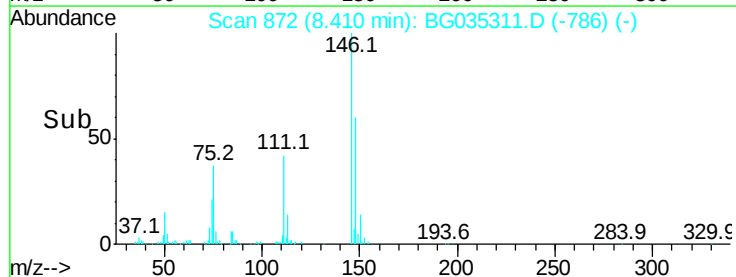
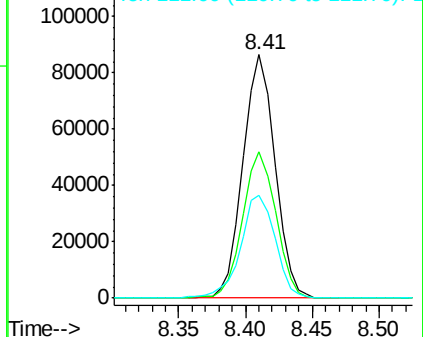
111 42.4 34.3 51.5

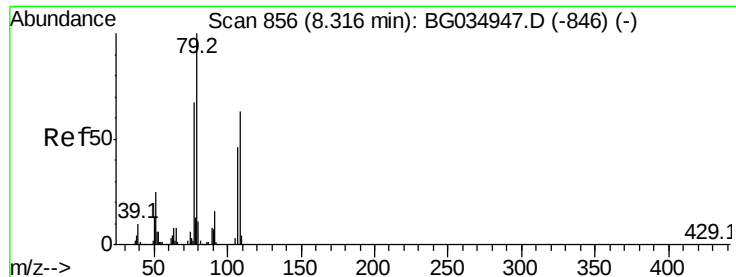


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.560 ng

RT: 8.29 min Scan# 852

Delta R.T. -0.02 min

Lab File: BG035311.D

Acq: 21 Jun 2018 22:31

Instrument :

BNA_G

ClientSampleId :

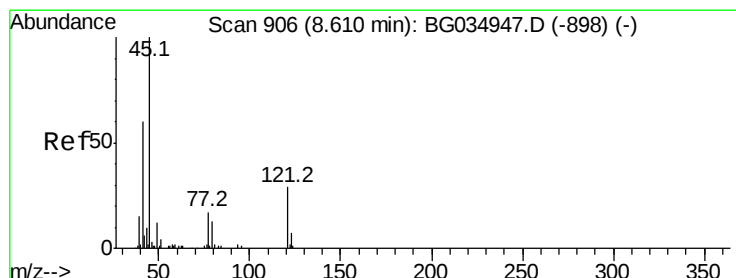
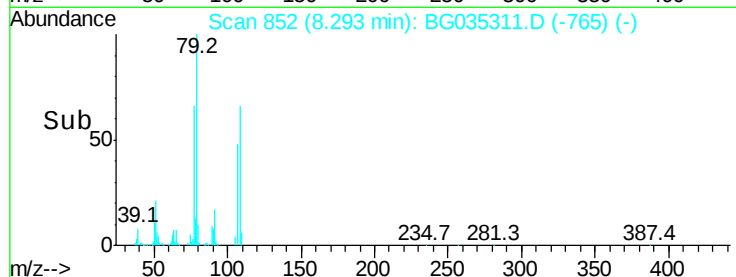
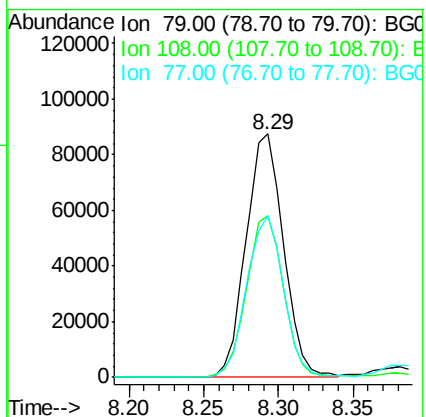
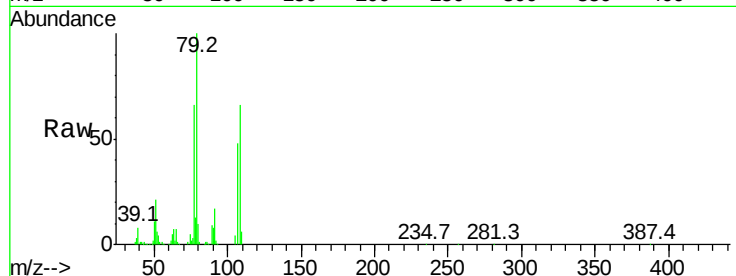
Tot Ion: 79 Resp: 151514

Ion Ratio Lower Upper

79 100

108 66.3 57.2 85.8

77 66.5 46.1 69.1



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.263 ng

RT: 8.57 min Scan# 900

Delta R.T. -0.03 min

Lab File: BG035311.D

Acq: 21 Jun 2018 22:31

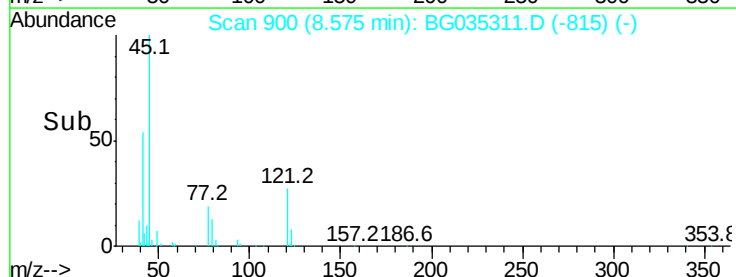
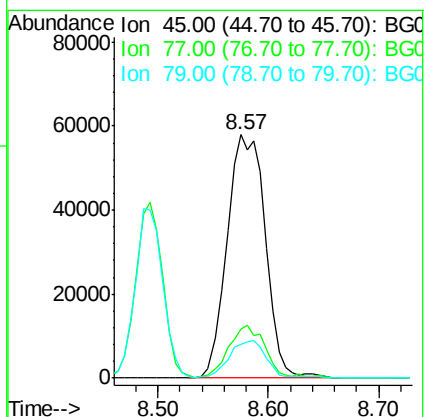
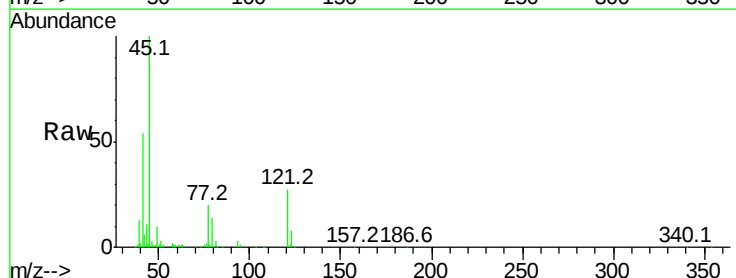
Tgt Ion: 45 Resp: 140439

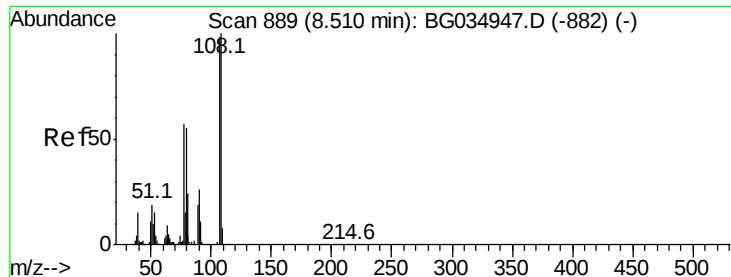
Ion Ratio Lower Upper

45 100

77 20.0 0.0 30.2

79 13.6 0.0 27.9





#17

2-Methylphenol

Concen: 45.731 ng

RT: 8.49 min Scan# 886

Delta R.T. -0.01 min

Lab File: BG035311.D

Acq: 21 Jun 2018 22:31

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 132836

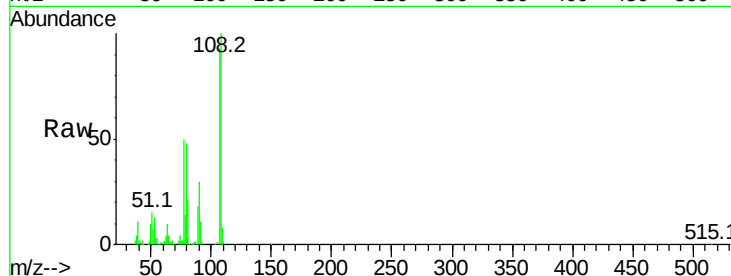
Ion Ratio Lower Upper

107 100

108 107.8 83.9 125.9

77 54.2 37.2 55.8

79 51.5 36.2 54.2

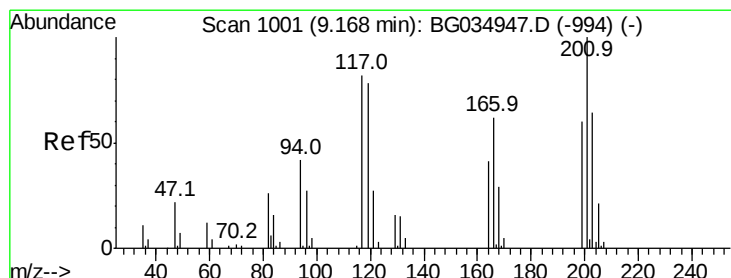
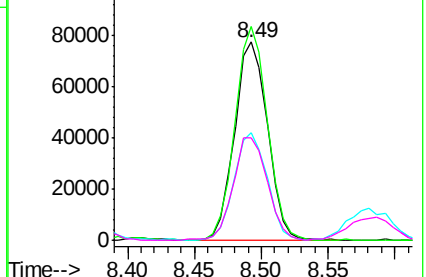
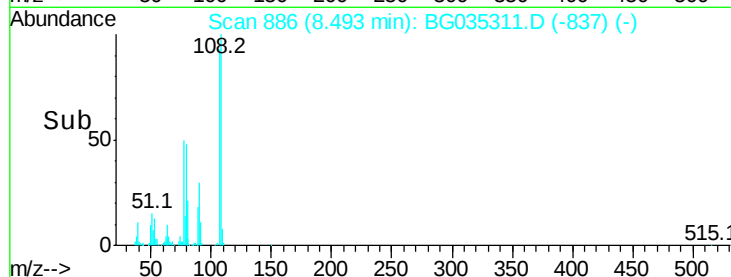


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 42.439 ng

RT: 9.14 min Scan# 997

Delta R.T. -0.02 min

Lab File: BG035311.D

Acq: 21 Jun 2018 22:31

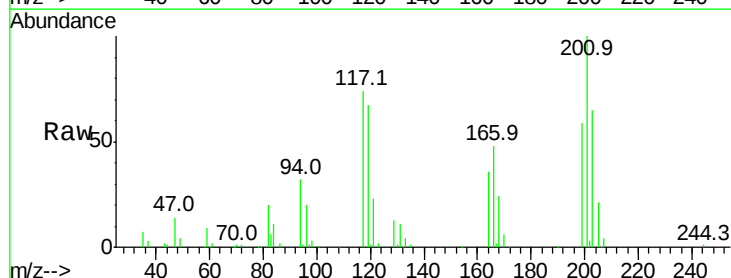
Tgt Ion:117 Resp: 56580

Ion Ratio Lower Upper

117 100

119 90.0 76.7 115.1

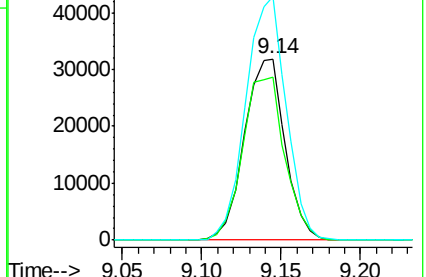
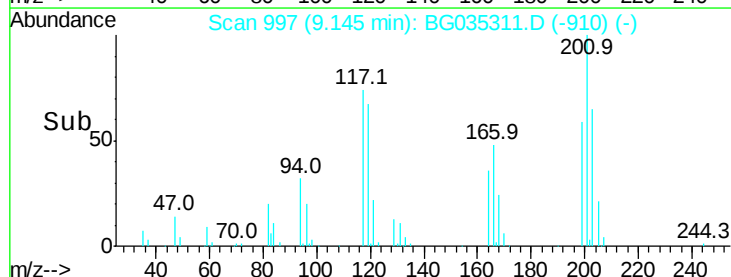
201 134.2 95.7 143.5

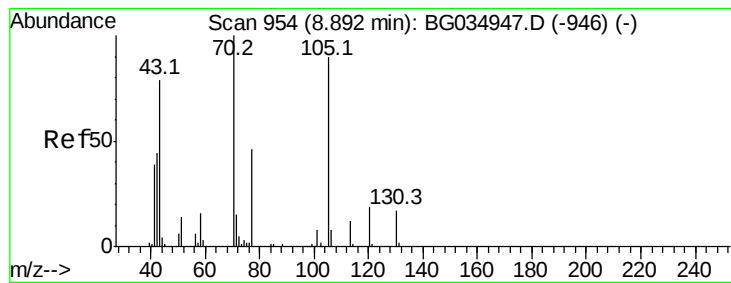


Abundance Ion 117.00 (116.70 to 117.70): E

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: 33.032 ng

RT: 8.86 min Scan# 948

Delta R.T. -0.02 min

Lab File: BG035311.D

Acq: 21 Jun 2018 22:31

Instrument :

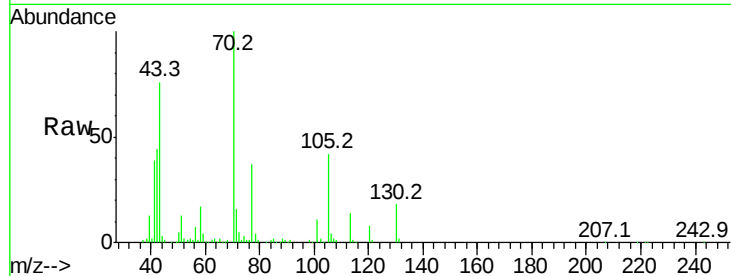
BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 119472

Ion Ratio Lower Upper

70	100		
42	43.6	49.1	73.7#
101	10.8	8.5	12.7
130	17.8	13.4	20.0

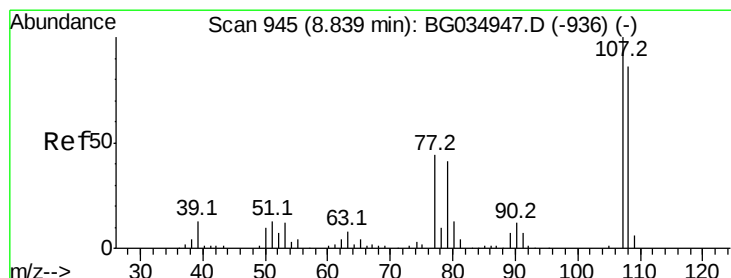
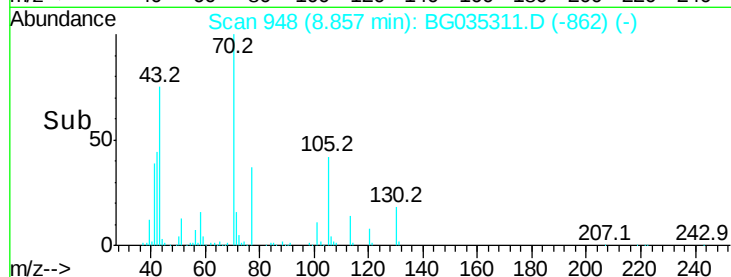
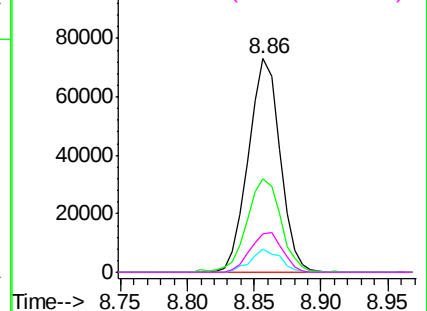


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 43.450 ng

RT: 8.82 min Scan# 941

Delta R.T. -0.02 min

Lab File: BG035311.D

Acq: 21 Jun 2018 22:31

Tgt Ion: 107 Resp: 180904

Ion Ratio Lower Upper

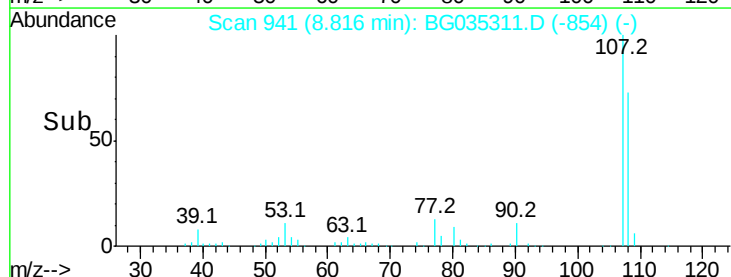
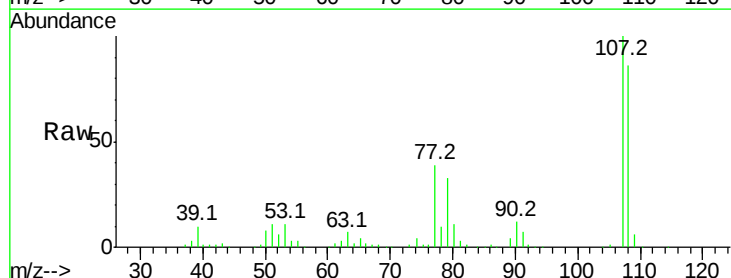
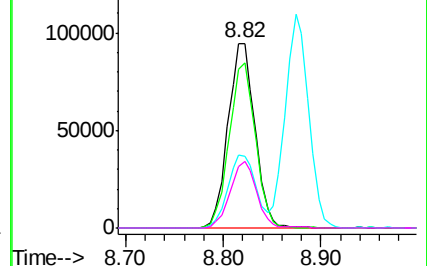
107	100		
108	86.1	61.6	101.6
77	39.2	13.9	53.9
79	33.4	8.8	48.8

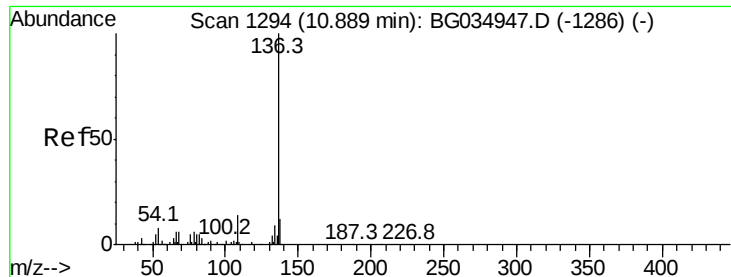
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

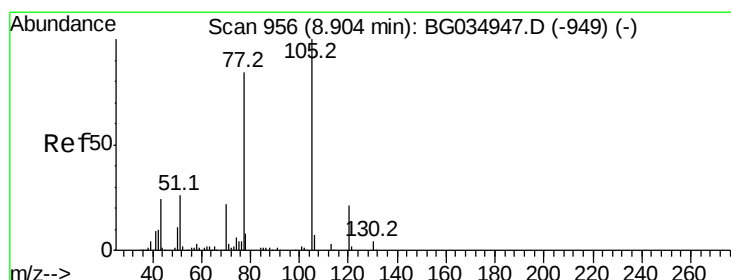
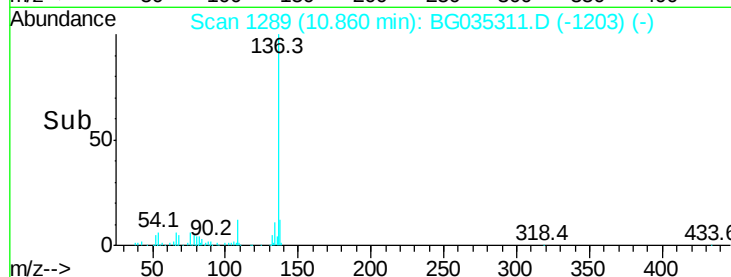
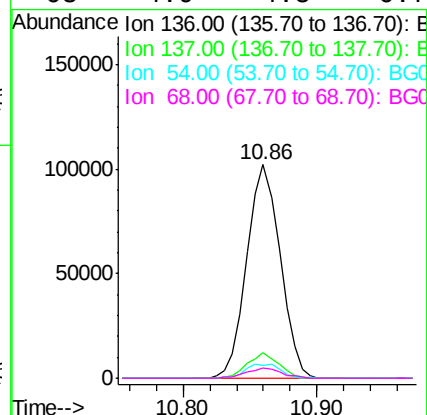
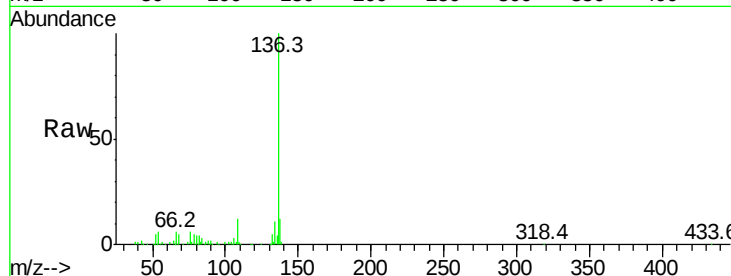




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BG035311.D
Acq: 21 Jun 2018 22:31

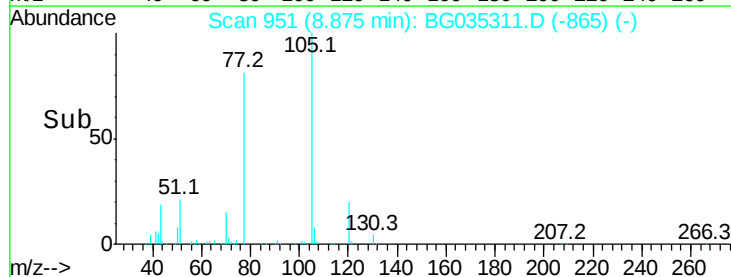
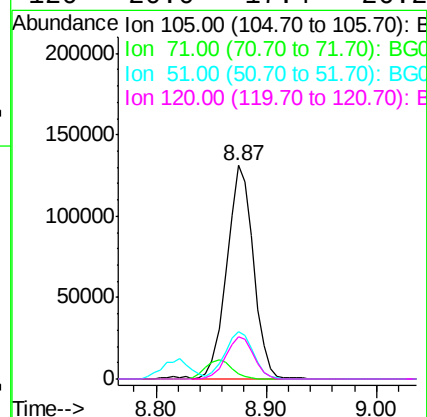
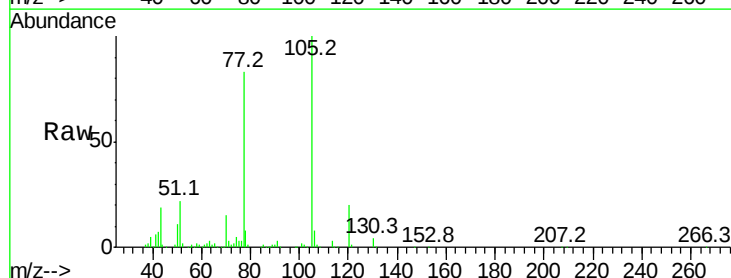
Instrument :
BNA_G
ClientSampleId :

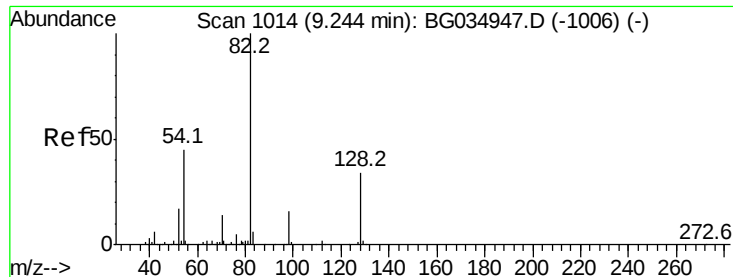
Tot Ion:	136	Resp:	176999
Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.2	13.8
54	6.2	10.3	15.5#
68	4.9	4.5	6.7



#22
Acetophenone
Concen: 40.268 ng
RT: 8.87 min Scan# 951
Delta R.T. -0.02 min
Lab File: BG035311.D
Acq: 21 Jun 2018 22:31

Tgt Ion:	105	Resp:	220785
Ion	Ratio	Lower	Upper
105	100		
71	2.6	3.0	4.4#
51	22.0	26.1	39.1#
120	20.0	17.4	26.2

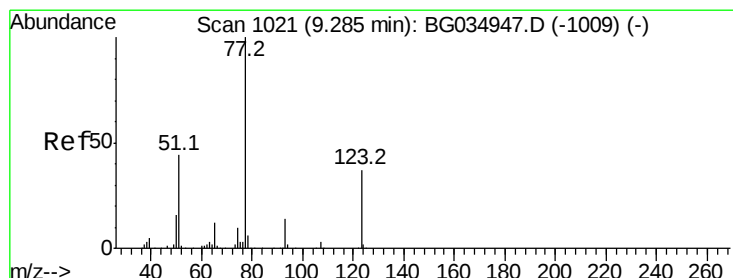
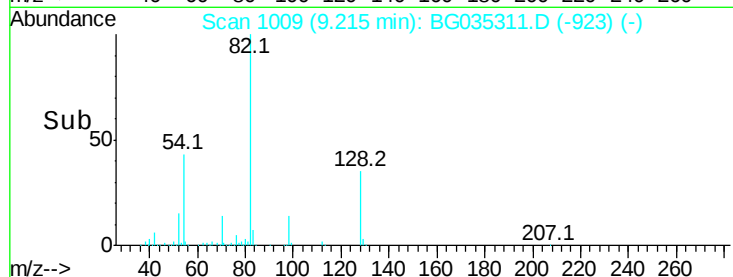
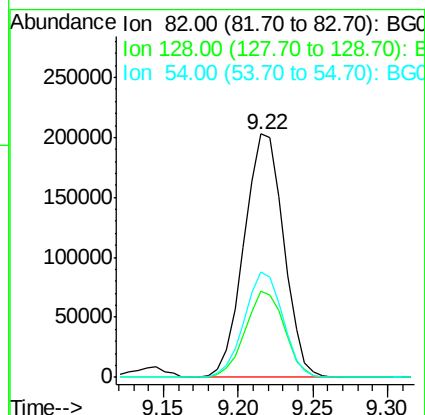
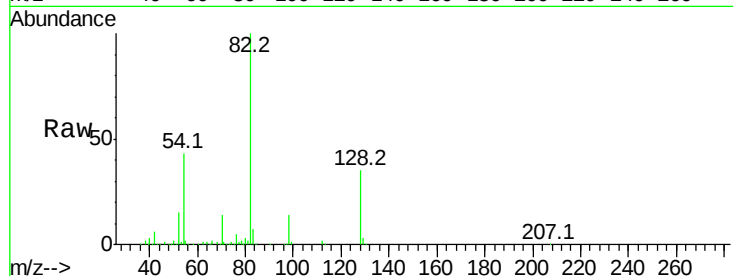




#23
Nitrobenzene-d5
Concen: 99.652 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.02 min
Lab File: BG035311.D
Acq: 21 Jun 2018 22:31

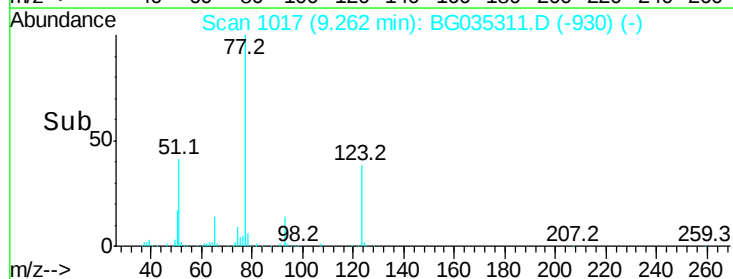
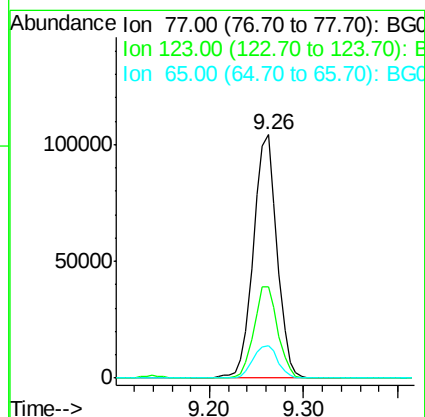
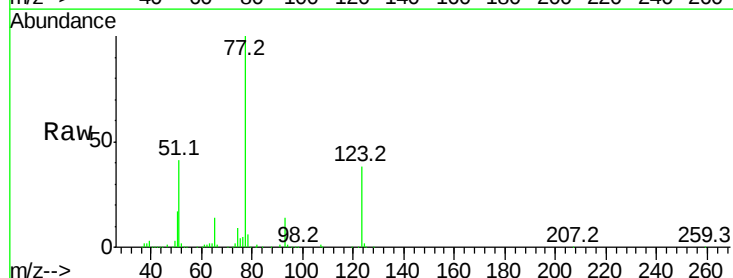
Instrument :
BNA_G
ClientSampled :

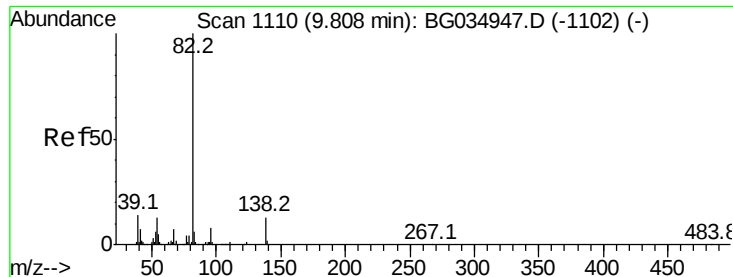
Tot Ion: 82 Resp: 371066
Ion Ratio Lower Upper
82 100
128 35.2 29.7 44.5
54 43.0 43.1 64.7#



#24
Nitrobenzene
Concen: 47.531 ng
RT: 9.26 min Scan# 1017
Delta R.T. -0.02 min
Lab File: BG035311.D
Acq: 21 Jun 2018 22:31

Tgt Ion: 77 Resp: 181237
Ion Ratio Lower Upper
77 100
123 37.6 33.0 49.6
65 13.5 13.0 19.6





#25

Isophorone

Concen: 43.432 ng

RT: 9.78 min Scan# 1105

Delta R.T. -0.02 min

Lab File: BG035311.D

Acq: 21 Jun 2018 22:31

Instrument :

BNA_G

ClientSampleId :

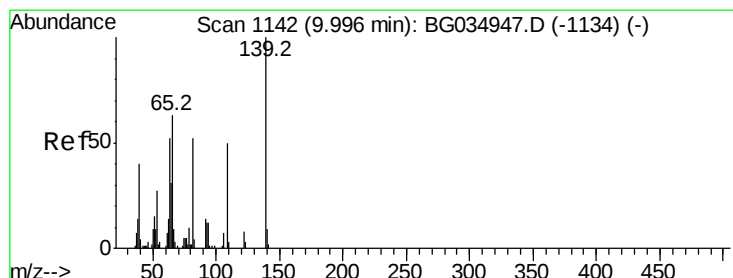
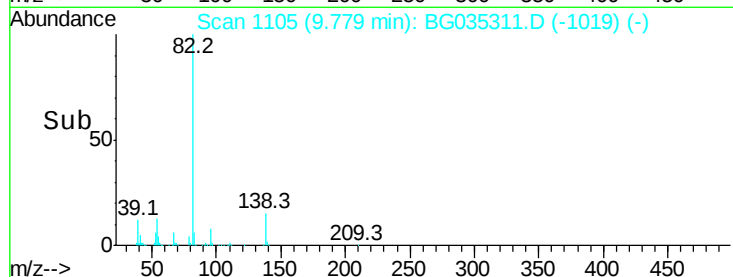
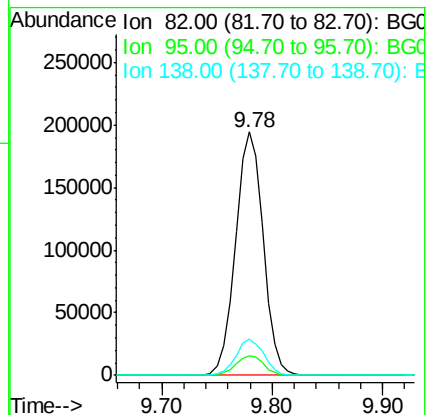
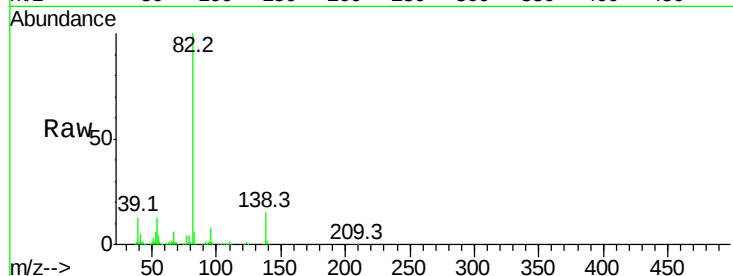
Tot Ion: 82 Resp: 341450

Ion Ratio Lower Upper

82 100

95 8.0 6.2 9.2

138 14.8 12.1 18.1



#26

2-Nitrophenol

Concen: 56.750 ng

RT: 9.97 min Scan# 1138

Delta R.T. -0.02 min

Lab File: BG035311.D

Acq: 21 Jun 2018 22:31

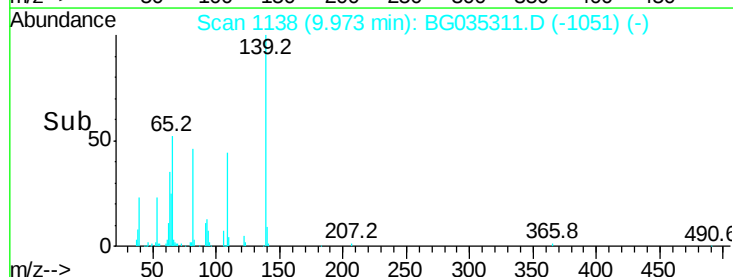
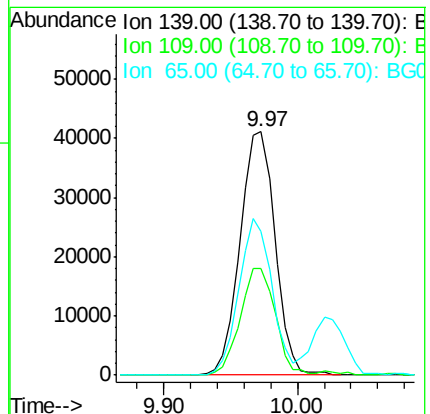
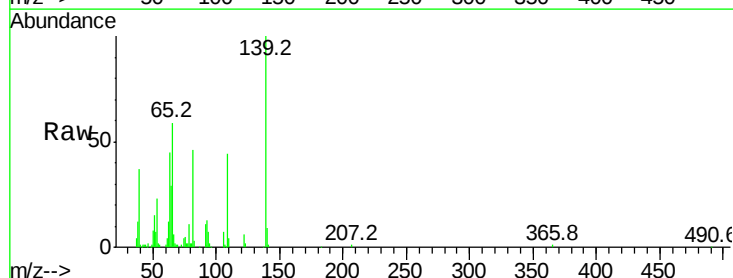
Tgt Ion: 139 Resp: 74587

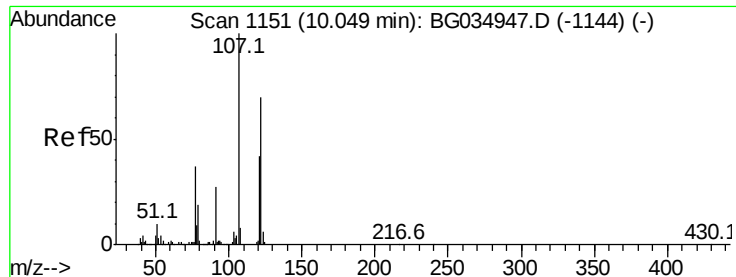
Ion Ratio Lower Upper

139 100

109 43.6 24.2 36.2#

65 58.8 47.4 71.0





#27

2,4-Dimethylphenol

Concen: 50.638 ng

RT: 10.03 min Scan# 1147

Delta R.T. -0.02 min

Lab File: BG035311.D

Acq: 21 Jun 2018 22:31

Instrument :

BNA_G

ClientSampleId :

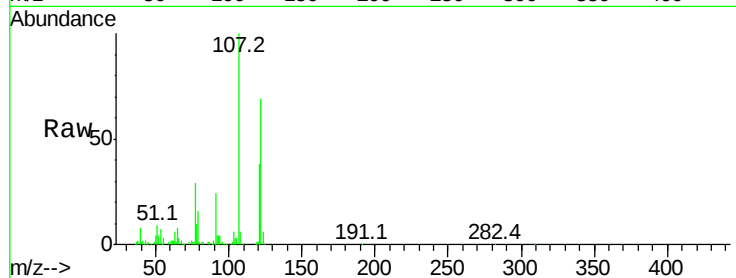
Tot Ion:122 Resp: 139894

Ion Ratio Lower Upper

122 100

107 145.0 100.2 150.2

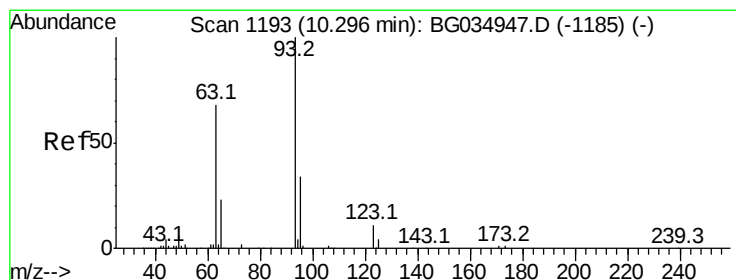
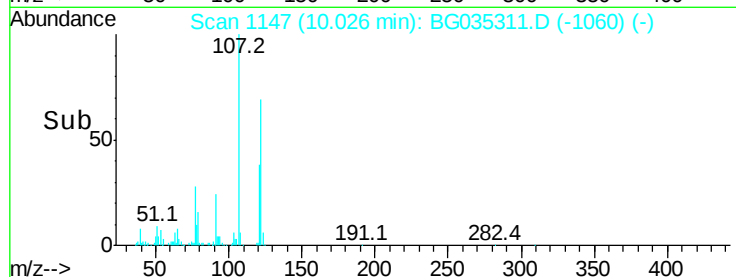
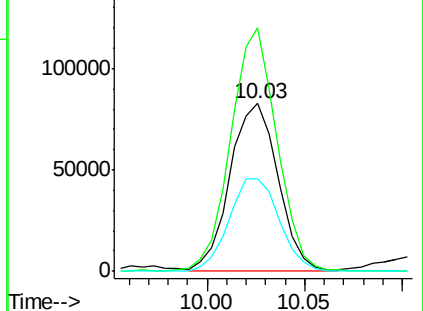
121 55.5 44.4 66.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.519 ng

RT: 10.26 min Scan# 1187

Delta R.T. -0.02 min

Lab File: BG035311.D

Acq: 21 Jun 2018 22:31

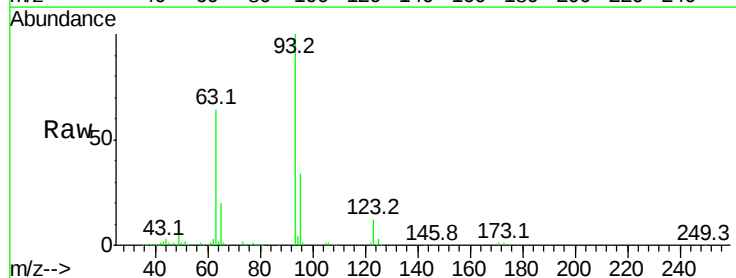
Tgt Ion: 93 Resp: 183855

Ion Ratio Lower Upper

93 100

95 33.5 24.3 36.5

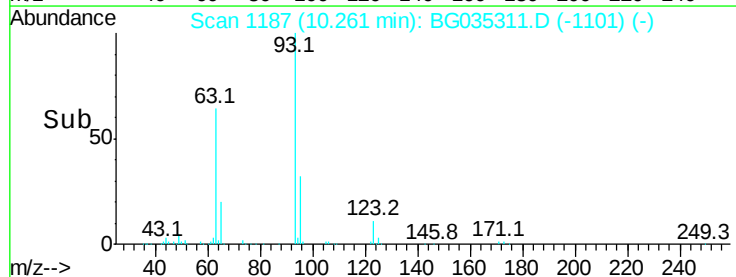
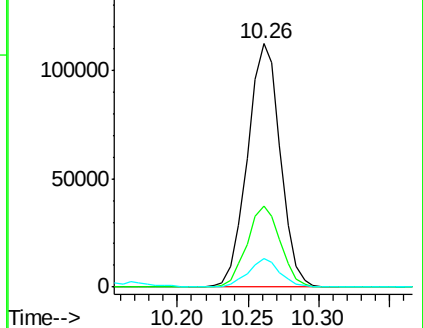
123 11.7 8.4 12.6

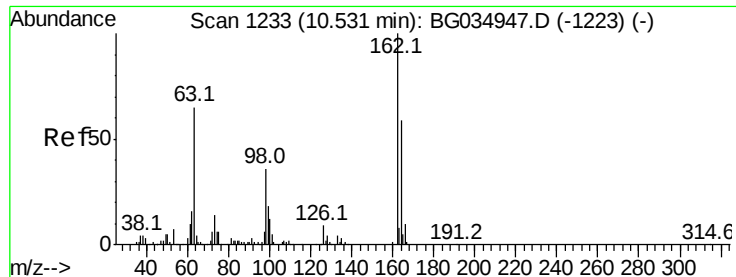


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

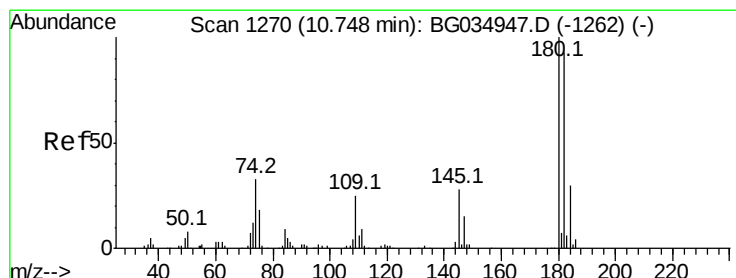
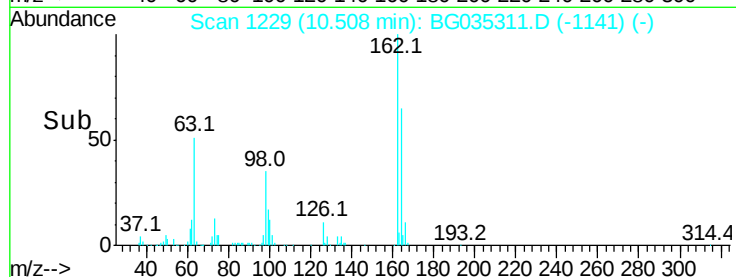
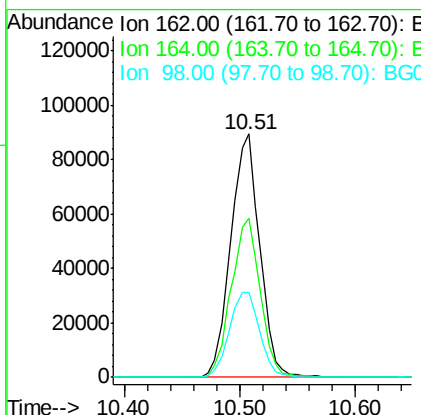
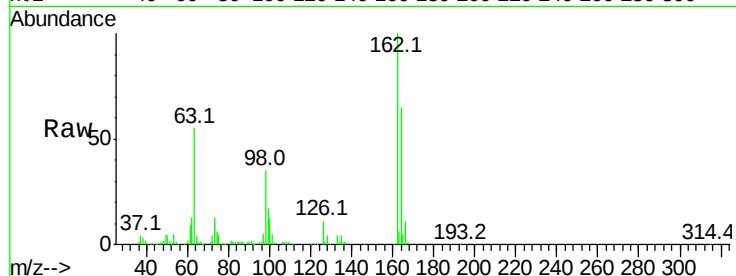




#29
2,4-Dichlorophenol
Concen: 51.831 ng
RT: 10.51 min Scan# 1229
Delta R.T. -0.01 min
Lab File: BG035311.D
Acq: 21 Jun 2018 22:31

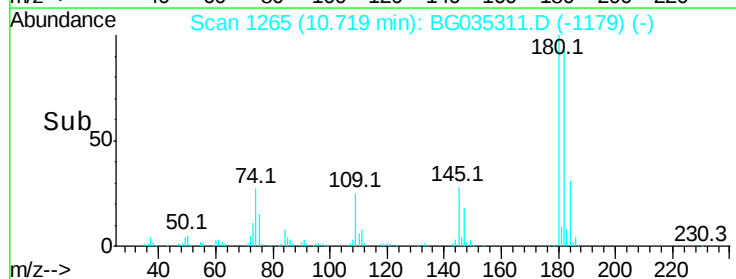
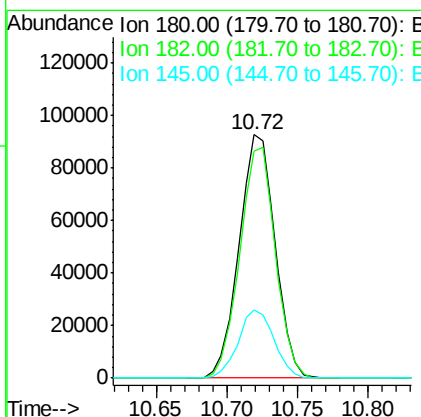
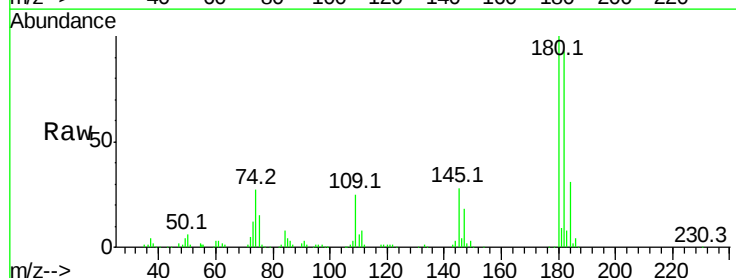
Instrument :
BNA_G
ClientSampled :

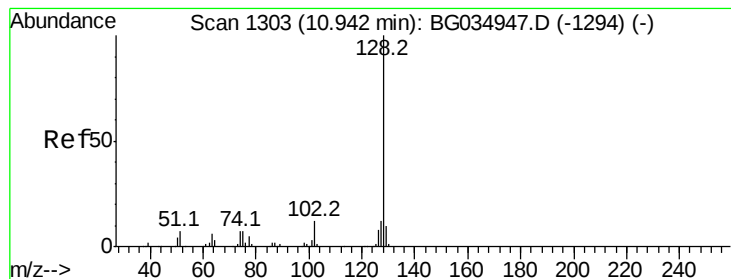
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.4	48.0	88.0
98	35.1	21.1	61.1



#30
1,2,4-Trichlorobenzene
Concen: 45.843 ng
RT: 10.72 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BG035311.D
Acq: 21 Jun 2018 22:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.0	77.5	116.3
145	28.2	23.4	35.2





#31

Naphthalene

Concen: 43.386 ng

RT: 10.91 min Scan# 1298

Delta R.T. -0.02 min

Lab File: BG035311.D

Acq: 21 Jun 2018 22:31

Instrument :

BNA_G

ClientSampled :

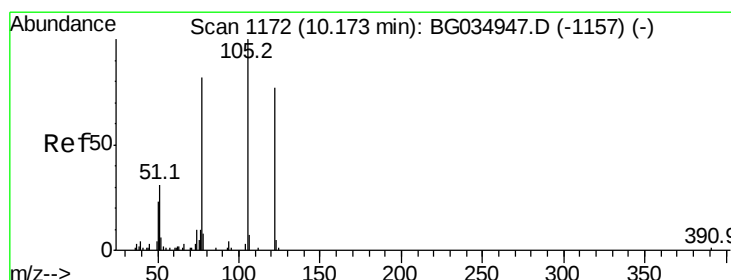
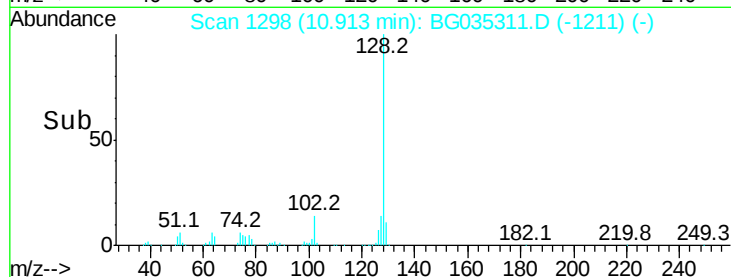
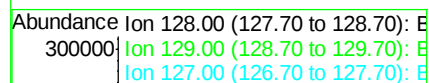
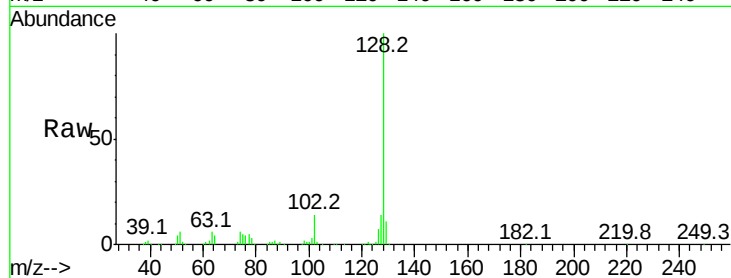
Tot Ion:128 Resp: 398935

Ion Ratio Lower Upper

128 100

129 10.8 8.6 12.8

127 13.8 11.6 17.4



#32

Benzoic acid

Concen: 50.129 ng

RT: 10.17 min Scan# 1171

Delta R.T. -0.00 min

Lab File: BG035311.D

Acq: 21 Jun 2018 22:31

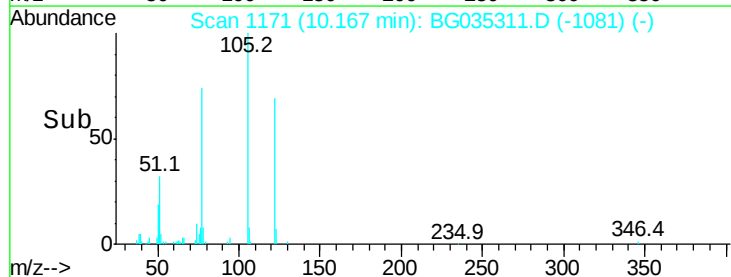
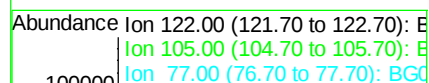
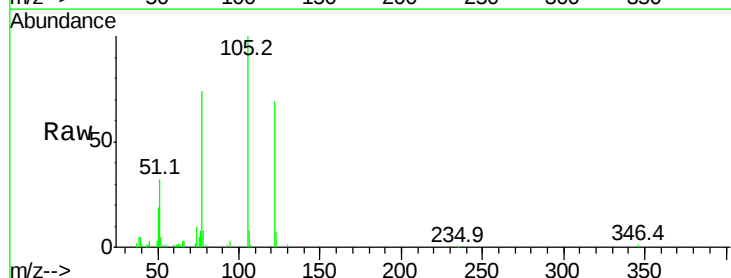
Tgt Ion:122 Resp: 92759

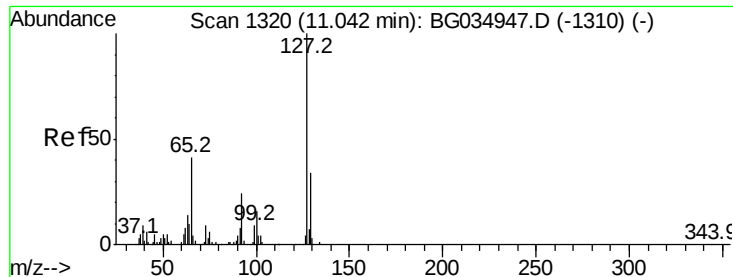
Ion Ratio Lower Upper

122 100

105 144.6 123.5 163.5

77 107.3 85.7 125.7

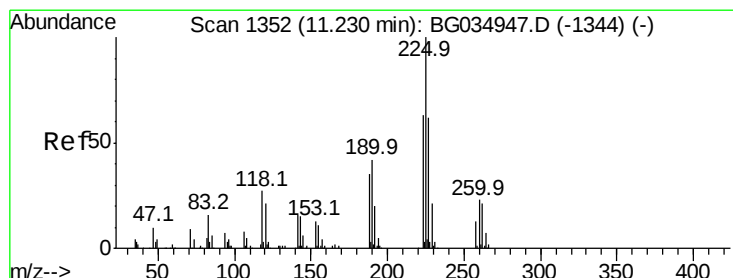
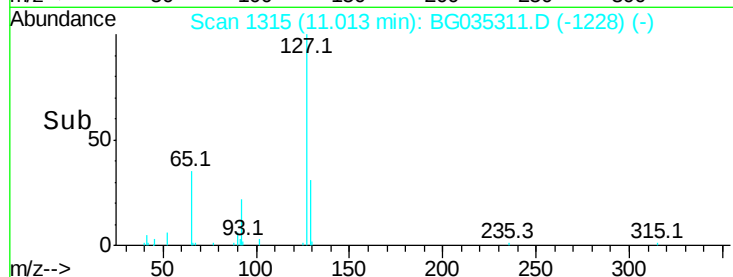
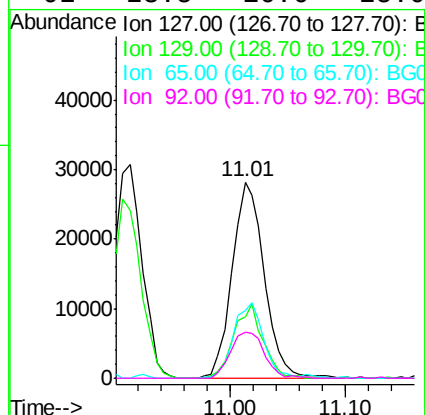
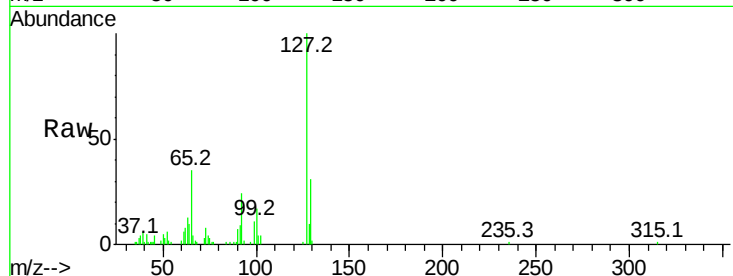




#33
4-Chloroaniline
Concen: 13.582 ng
RT: 11.01 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BG035311.D
Acq: 21 Jun 2018 22:31

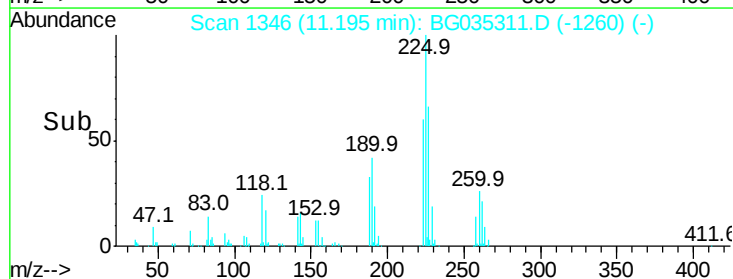
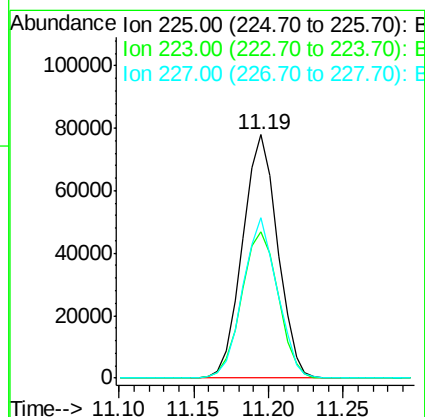
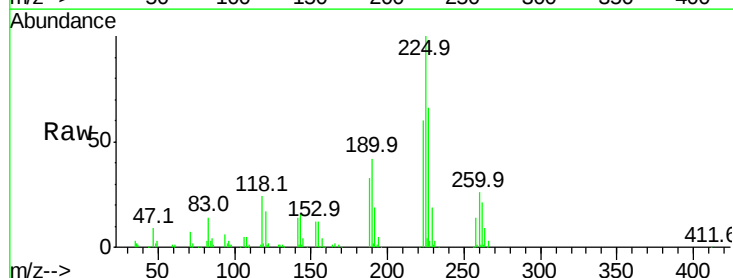
Instrument :
BNA_G
ClientSampleId :

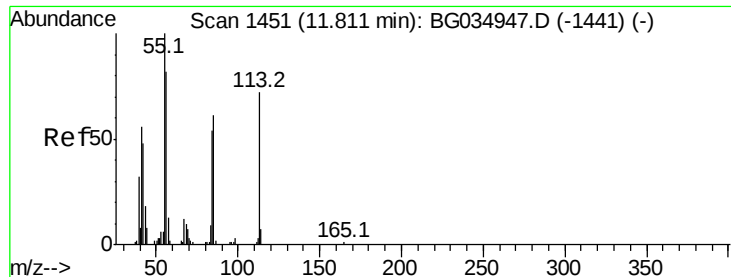
Tot Ion	Ratio	Lower	Upper
127	100		
129	31.0	24.0	36.0
65	34.8	27.0	40.4
92	23.5	16.6	25.0



#34
Hexachlorobutadiene
Concen: 45.267 ng
RT: 11.19 min Scan# 1346
Delta R.T. -0.02 min
Lab File: BG035311.D
Acq: 21 Jun 2018 22:31

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.3	49.7	74.5
227	65.7	48.1	72.1

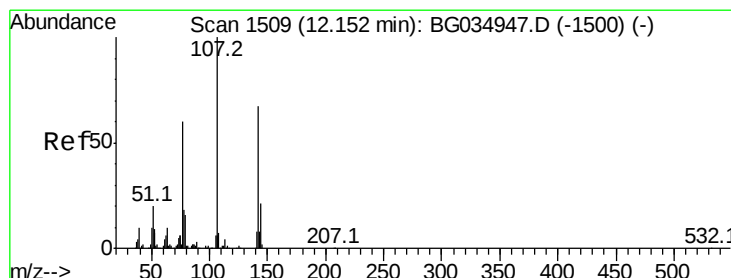
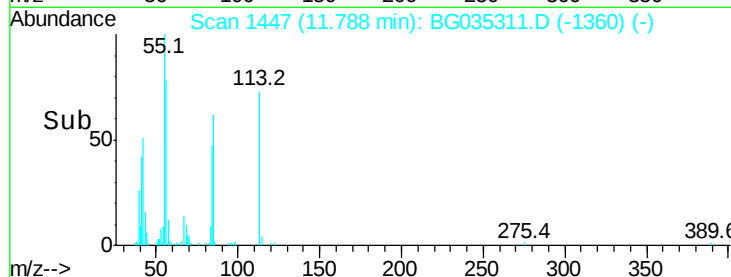
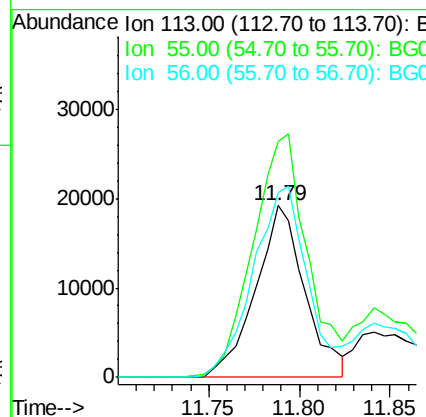
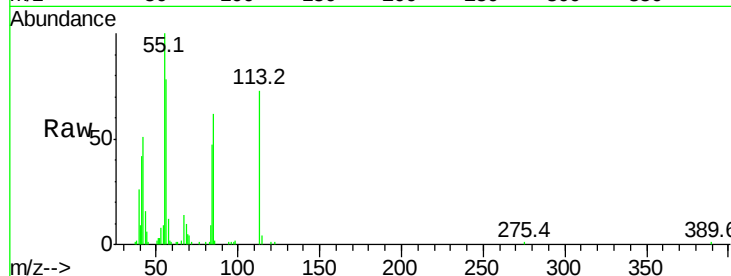




#35
 Caprolactam
 Concen: 32.875 ng
 RT: 11.79 min Scan# 1447
 Delta R.T. -0.02 min
 Lab File: BG035311.D
 Acq: 21 Jun 2018 22:31

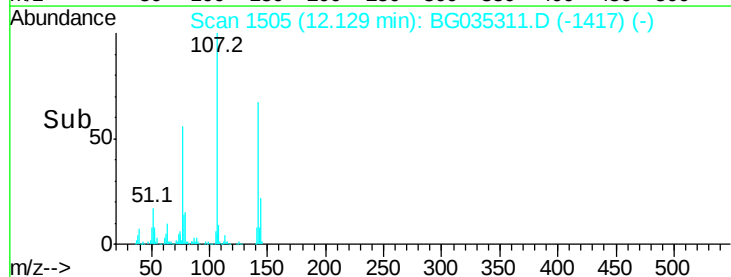
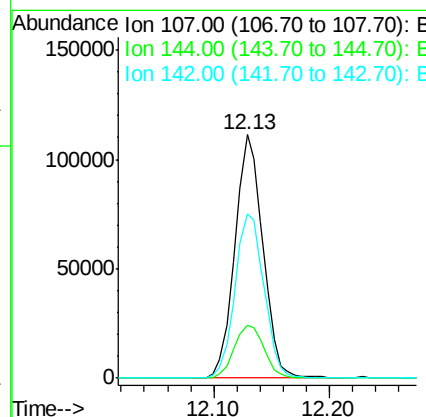
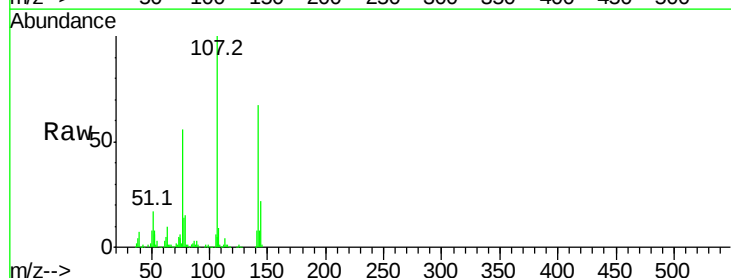
Instrument :
 BNA_G
 ClientSampleId :

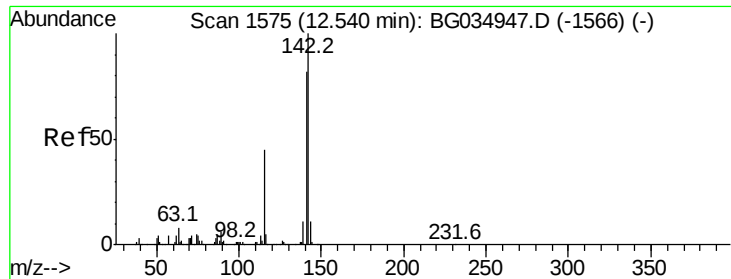
Tot Ion:113 Resp: 36522
 Ion Ratio Lower Upper
 113 100
 55 137.4 186.9 226.9#
 56 107.3 130.9 170.9#



#36
 4-Chloro-3-methylphenol
 Concen: 49.784 ng
 RT: 12.13 min Scan# 1505
 Delta R.T. -0.01 min
 Lab File: BG035311.D
 Acq: 21 Jun 2018 22:31

Tgt Ion:107 Resp: 186547
 Ion Ratio Lower Upper
 107 100
 144 21.6 18.2 27.4
 142 67.3 59.0 88.4

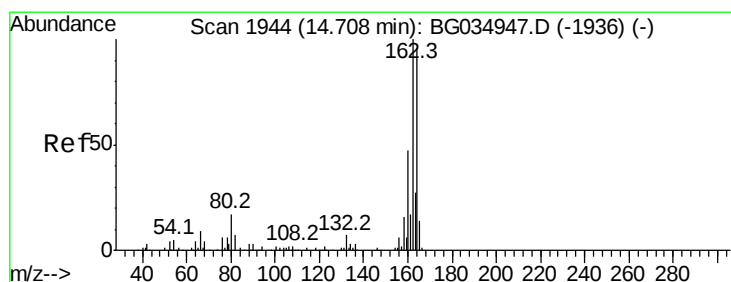
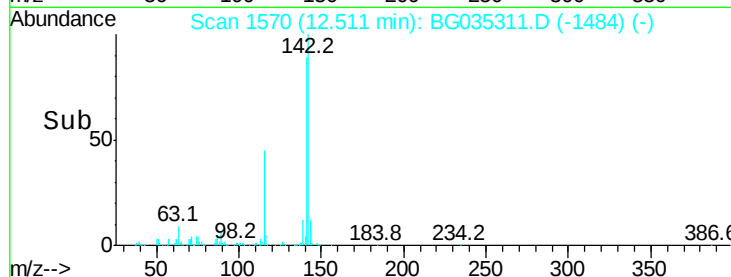
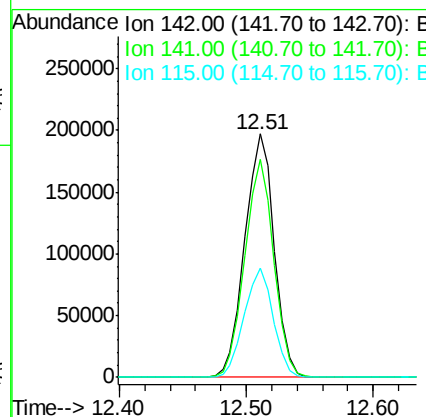
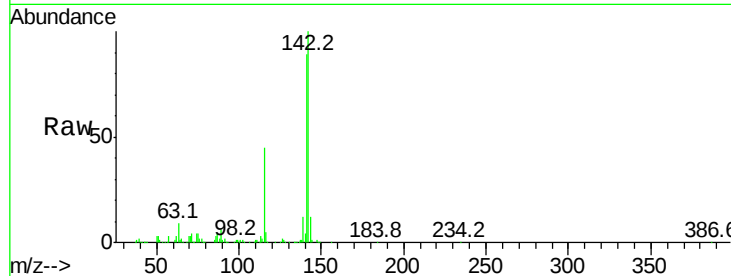




#37
2-Methylnaphthalene
Concen: 45.509 ng
RT: 12.51 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BG035311.D
Acq: 21 Jun 2018 22:31

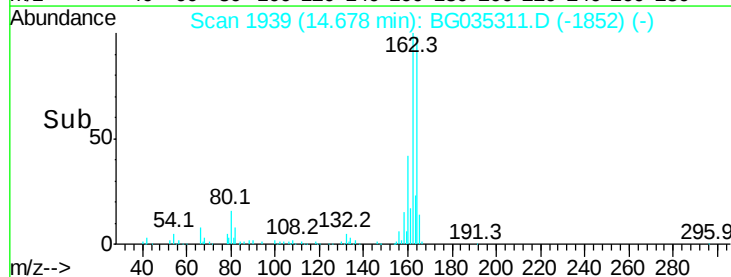
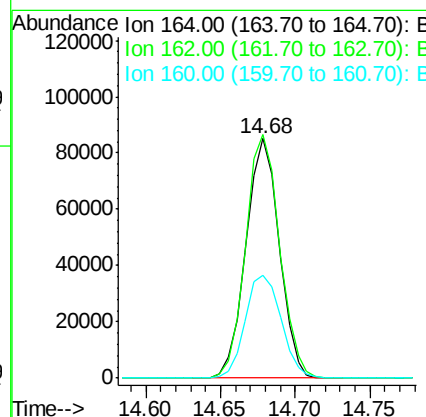
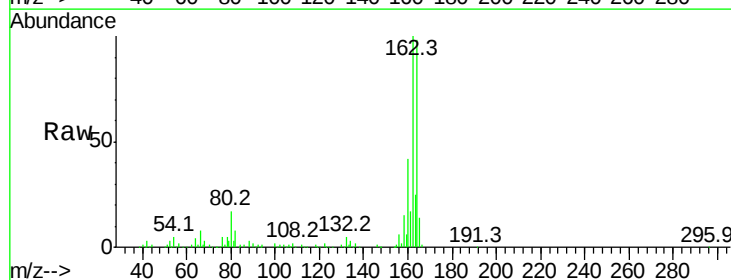
Instrument :
BNA_G
ClientSampled :

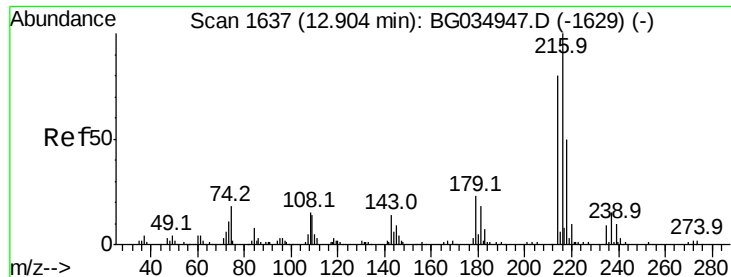
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	67.1	100.7
115	44.8	30.7	46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.02 min
Lab File: BG035311.D
Acq: 21 Jun 2018 22:31

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.7	78.8	118.2
160	43.0	35.4	53.0

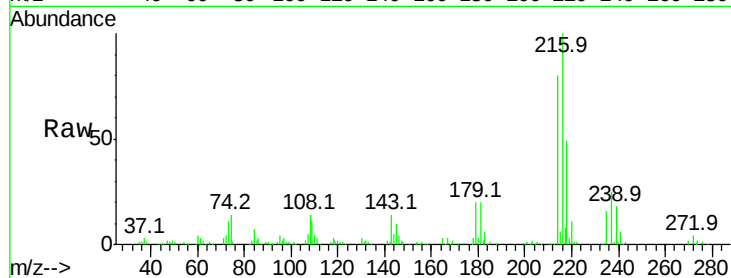




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.730 ng
 RT: 12.87 min Scan# 1632
 Delta R.T. -0.02 min
 Lab File: BG035311.D
 Acq: 21 Jun 2018 22:31

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	216	Resp:	218513
Ion	Ratio	Lower	Upper
216	100		
214	80.4	63.0	94.4
179	19.8	17.0	25.6
108	16.4	12.8	19.2

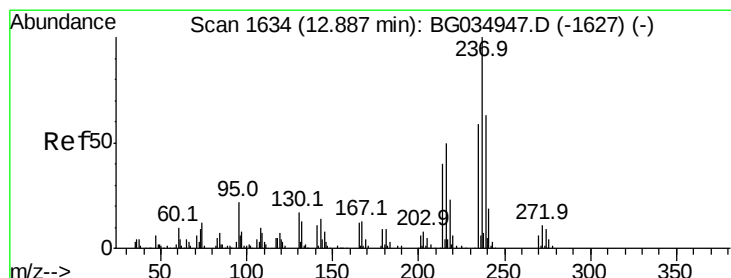
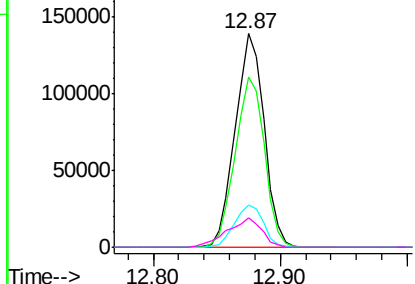
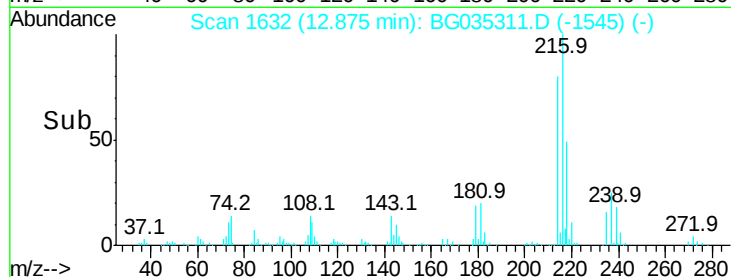


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

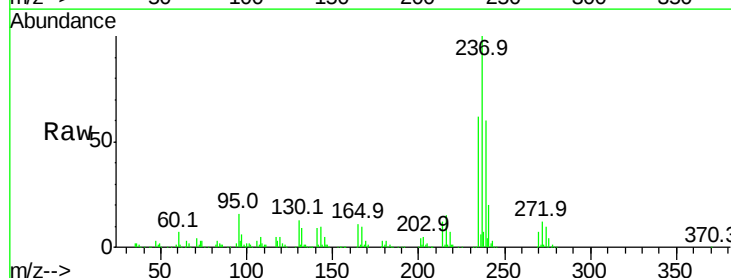
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 103.599 ng
 RT: 12.86 min Scan# 1629
 Delta R.T. -0.02 min
 Lab File: BG035311.D
 Acq: 21 Jun 2018 22:31

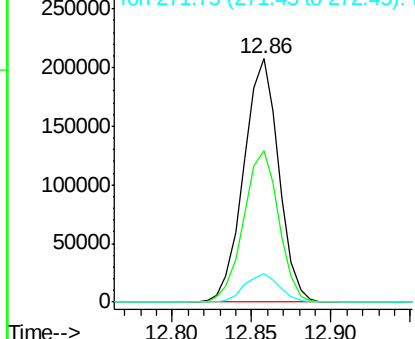
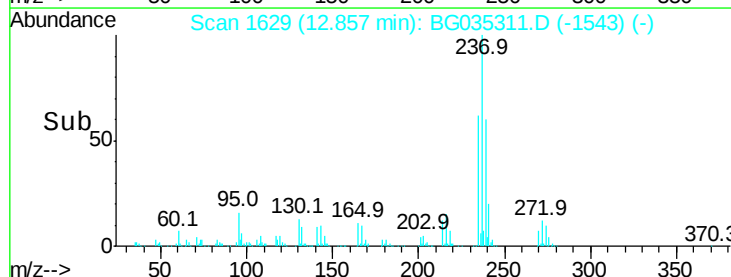
Tgt Ion:	237	Resp:	317375
Ion	Ratio	Lower	Upper
237	100		
235	62.2	50.4	90.4
272	11.9	0.0	31.8

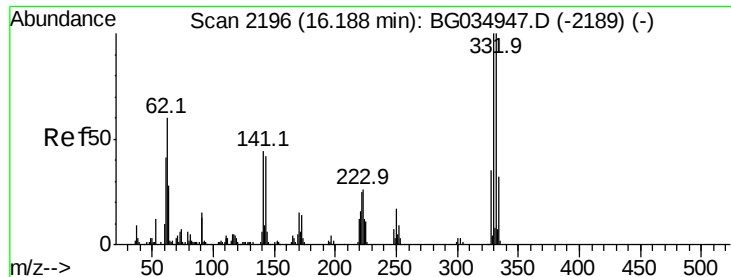


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

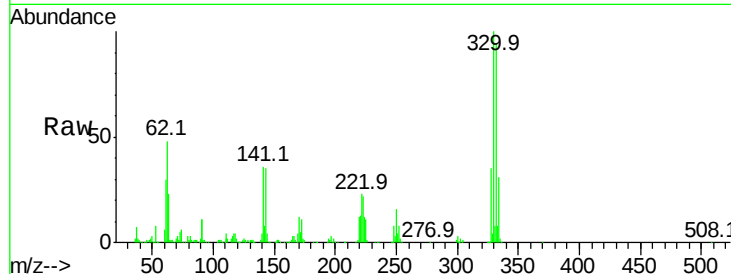




#41
2,4,6-Tribromophenol
Concen: 166.222 ng
RT: 16.16 min Scan# 2192
Delta R.T. -0.02 min
Lab File: BG035311.D
Acq: 21 Jun 2018 22:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.0	115.6
141	35.2	25.2	37.8

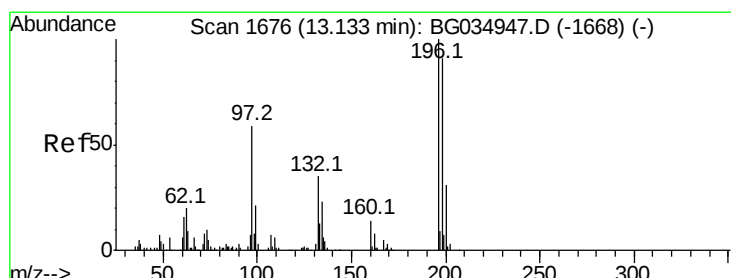
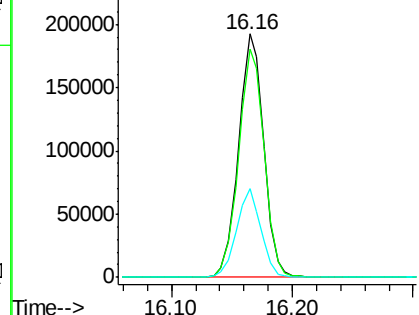
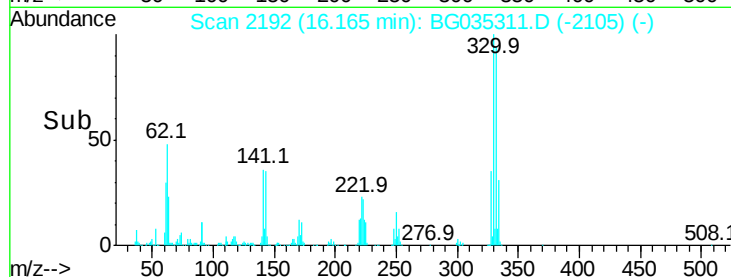


Abundance

Ion 329.80 (329.50 to 330.50): E

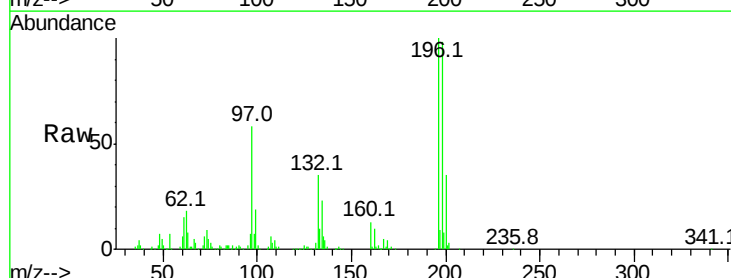
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
2,4,6-Trichlorophenol
Concen: 49.943 ng
RT: 13.11 min Scan# 1672
Delta R.T. -0.02 min
Lab File: BG035311.D
Acq: 21 Jun 2018 22:31

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.8	78.2	117.2
200	34.7	24.6	36.8

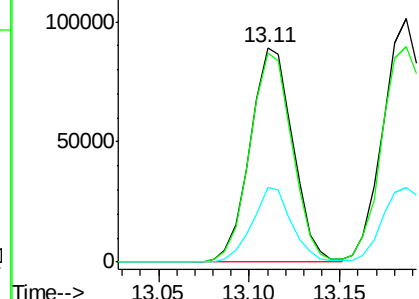
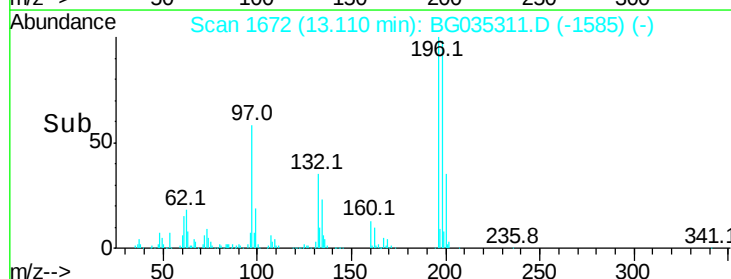


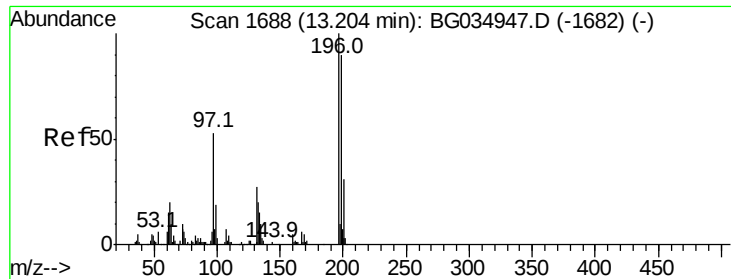
Abundance

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

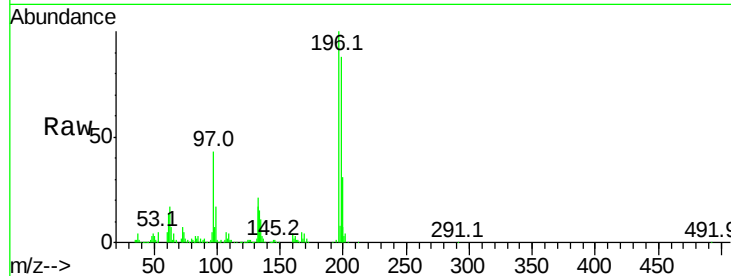




#43
 2,4,5-Trichlorophenol
 Concen: 51.370 ng
 RT: 13.19 min Scan# 1685
 Delta R.T. -0.01 min
 Lab File: BG035311.D
 Acq: 21 Jun 2018 22:31

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	88.3	76.2	114.4
97	43.1	38.7	58.1
132	21.2	20.2	30.2



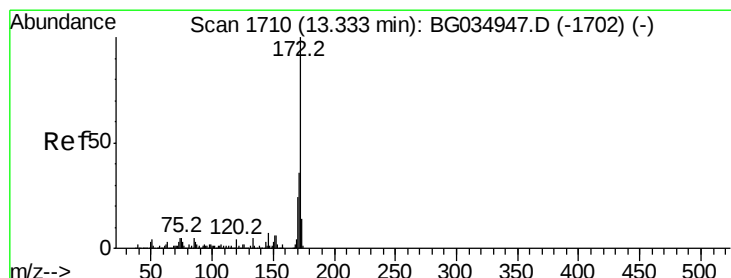
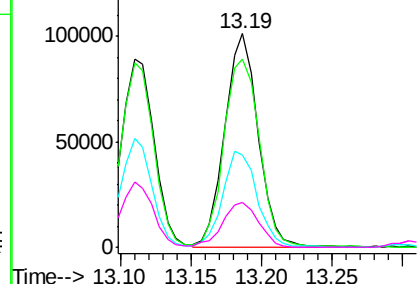
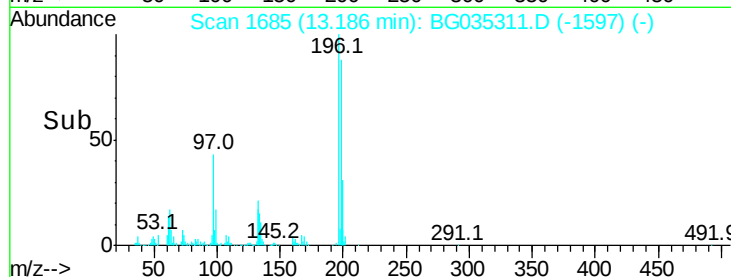
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

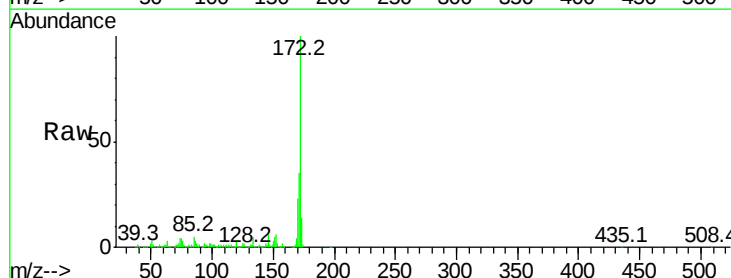
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 86.671 ng
 RT: 13.30 min Scan# 1705
 Delta R.T. -0.02 min
 Lab File: BG035311.D
 Acq: 21 Jun 2018 22:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	30.0	45.0
170	23.5	19.5	29.3

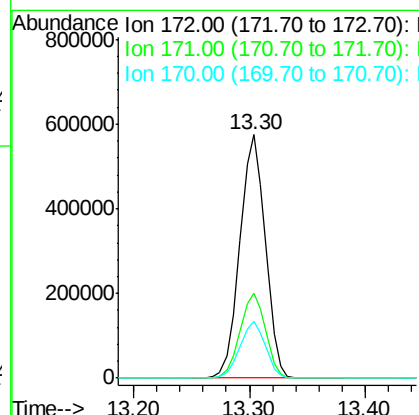
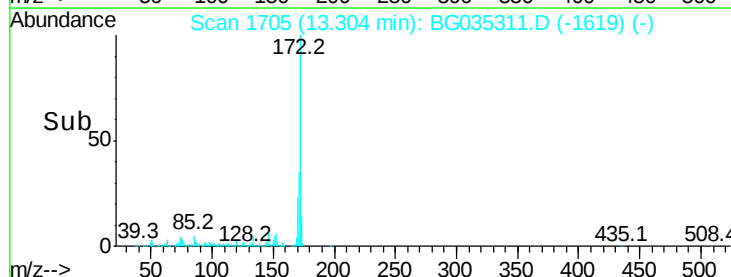


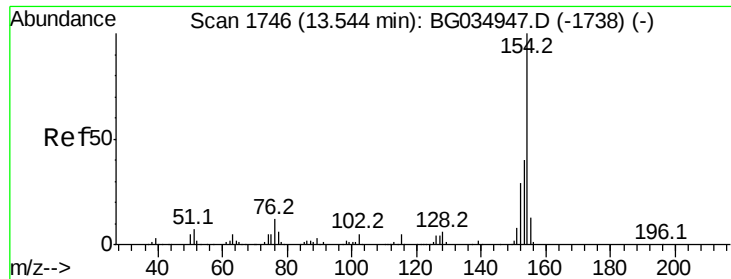
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 41.847 ng

RT: 13.52 min Scan# 1741

Delta R.T. -0.02 min

Lab File: BG035311.D

Acq: 21 Jun 2018 22:31

Instrument :

BNA_G

ClientSampleId :

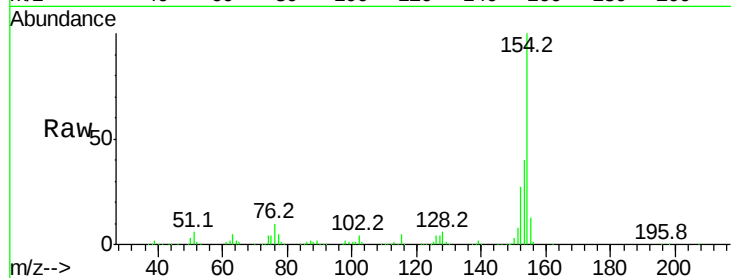
Tot Ion:154 Resp: 441321

Ion Ratio Lower Upper

154 100

153 40.2 19.8 59.8

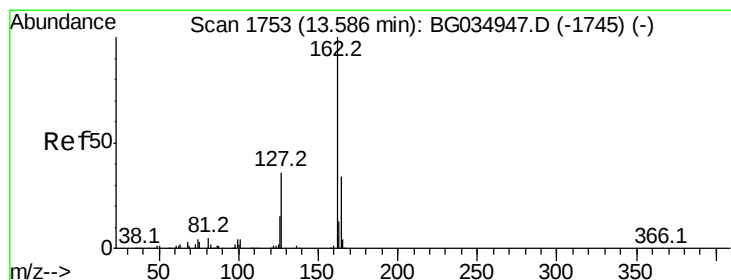
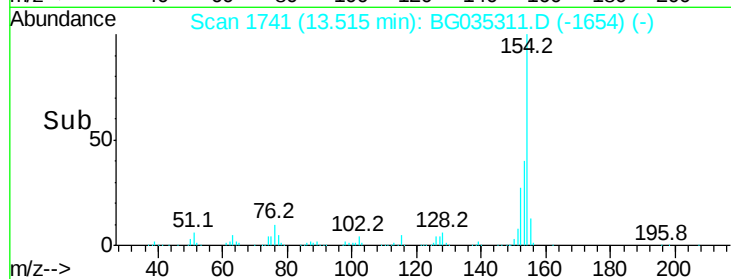
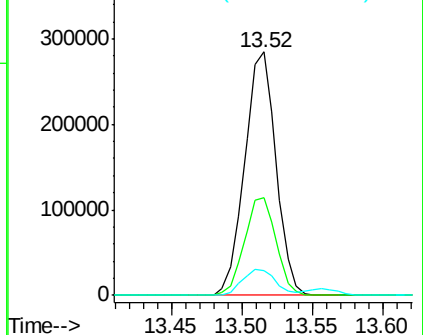
76 10.3 0.0 31.9



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: 43.717 ng

RT: 13.56 min Scan# 1748

Delta R.T. -0.02 min

Lab File: BG035311.D

Acq: 21 Jun 2018 22:31

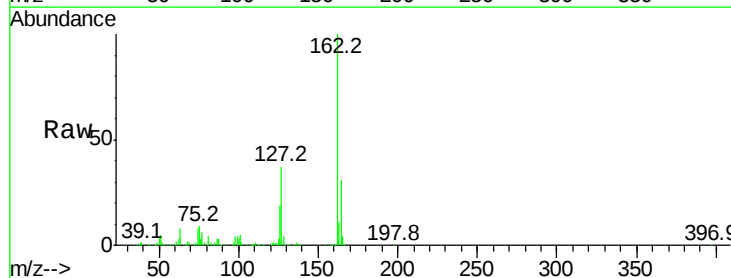
Tgt Ion:162 Resp: 348579

Ion Ratio Lower Upper

162 100

127 37.2 30.7 46.1

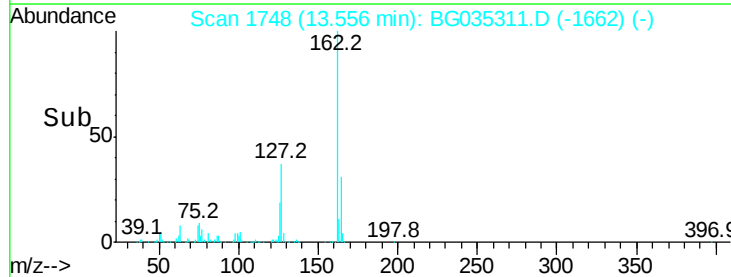
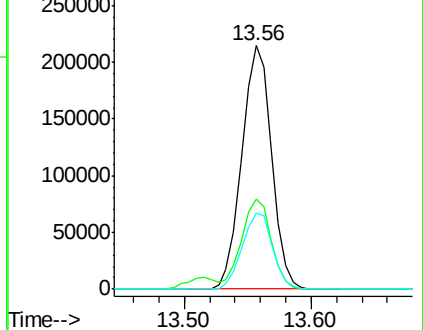
164 31.1 26.0 39.0

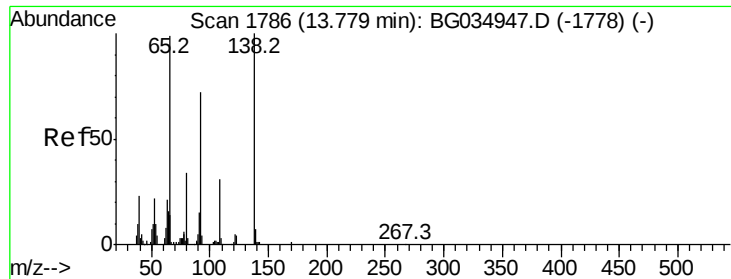


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

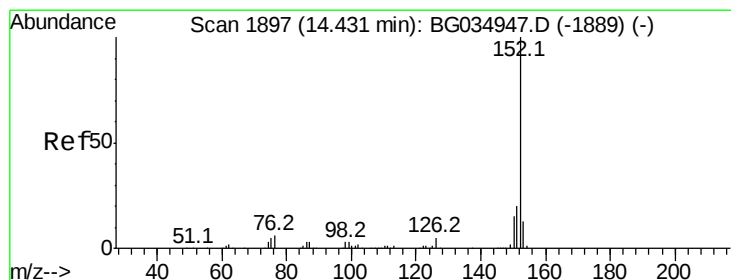
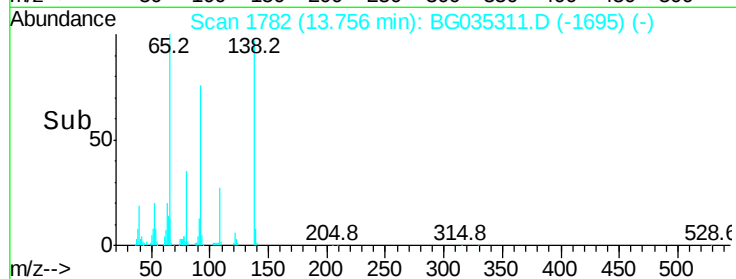
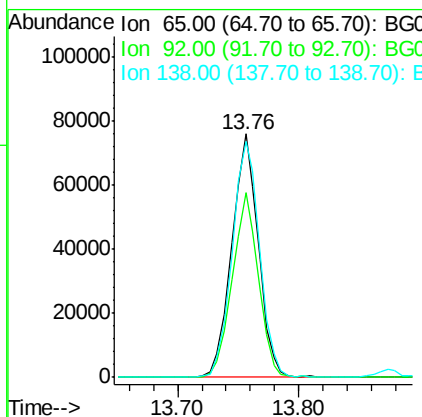
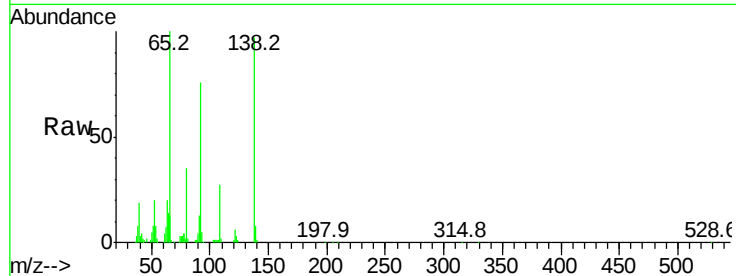




#47
2-Nitroaniline
Concen: 49.260 ng
RT: 13.76 min Scan# 1782
Delta R.T. -0.02 min
Lab File: BG035311.D
Acq: 21 Jun 2018 22:31

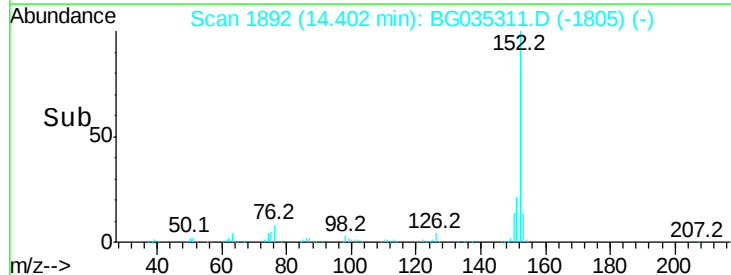
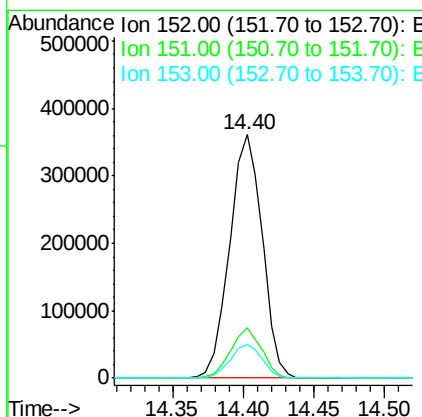
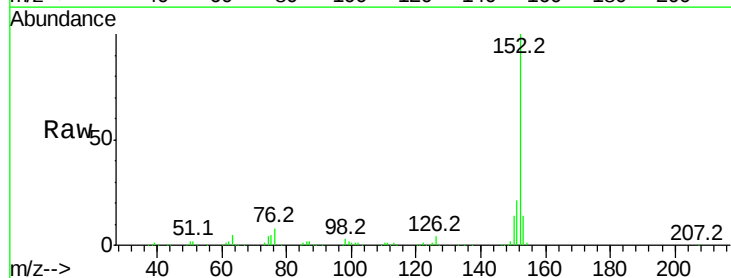
Instrument :
BNA_G
ClientSampleId :

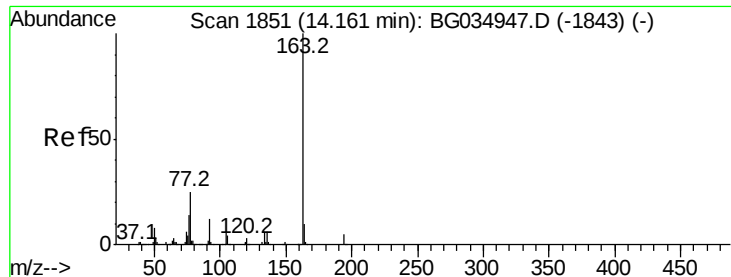
Tot Ion: 65 Resp: 115984
Ion Ratio Lower Upper
65 100
92 75.6 54.6 82.0
138 96.7 72.9 109.3



#48
Acenaphthylene
Concen: 43.326 ng
RT: 14.40 min Scan# 1892
Delta R.T. -0.02 min
Lab File: BG035311.D
Acq: 21 Jun 2018 22:31

Tgt Ion: 152 Resp: 579263
Ion Ratio Lower Upper
152 100
151 20.7 17.2 25.8
153 13.9 10.2 15.4





#49

Dimethylphthalate

Concen: 42.070 ng

RT: 14.13 min Scan# 1846

Delta R.T. -0.02 min

Lab File: BG035311.D

Acq: 21 Jun 2018 22:31

Instrument :

BNA_G

ClientSampleId :

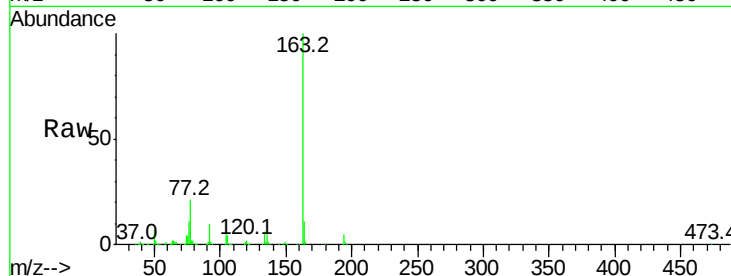
Tot Ion:163 Resp: 481158

Ion Ratio Lower Upper

163 100

194 5.0 3.4 5.2

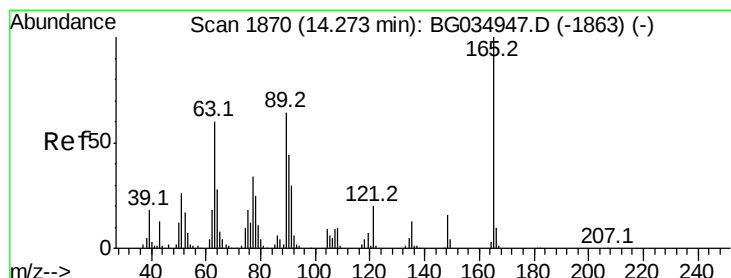
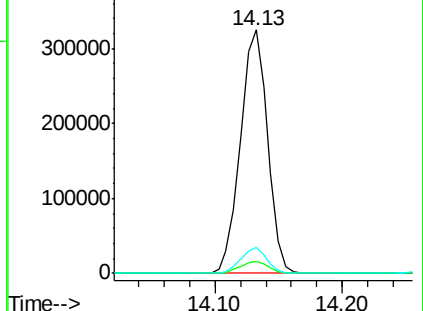
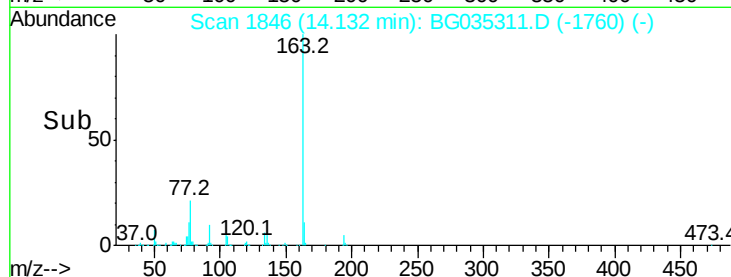
164 10.8 8.2 12.4



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: 52.085 ng

RT: 14.25 min Scan# 1866

Delta R.T. -0.02 min

Lab File: BG035311.D

Acq: 21 Jun 2018 22:31

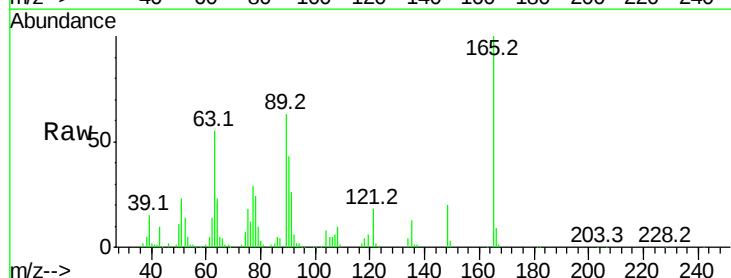
Tgt Ion:165 Resp: 108676

Ion Ratio Lower Upper

165 100

63 55.3 52.7 79.1

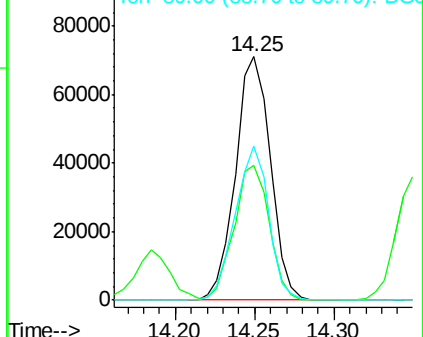
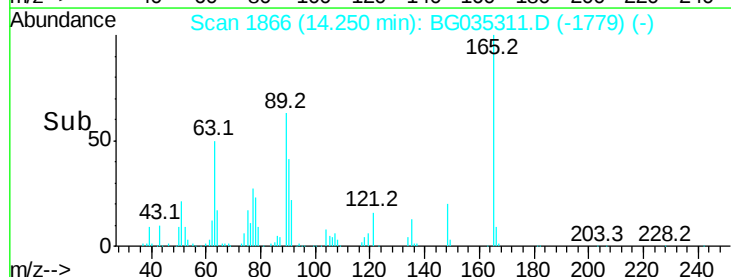
89 63.5 49.2 73.8

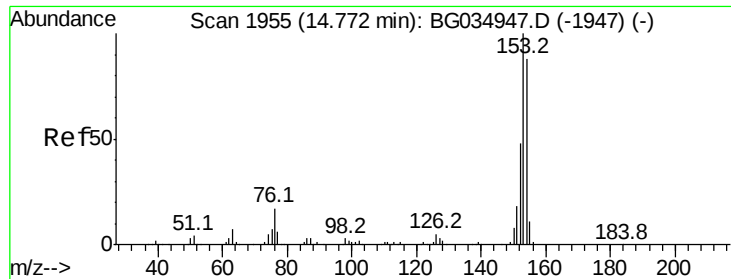


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 39.005 ng

RT: 14.74 min Scan# 1950

Delta R.T. -0.02 min

Lab File: BG035311.D

Acq: 21 Jun 2018 22:31

Instrument :

BNA_G

ClientSampleId :

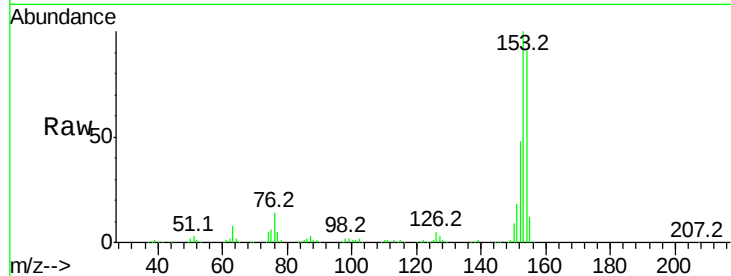
Tot Ion:154 Resp: 340729

Ion Ratio Lower Upper

154 100

153 109.9 90.4 135.6

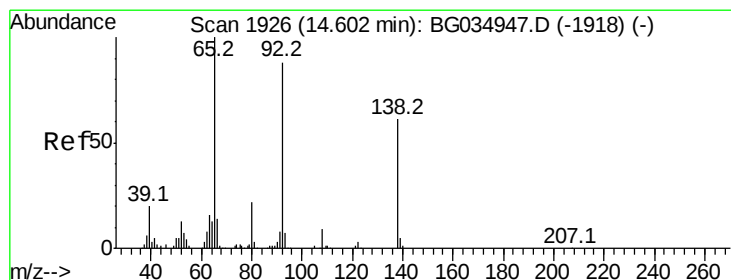
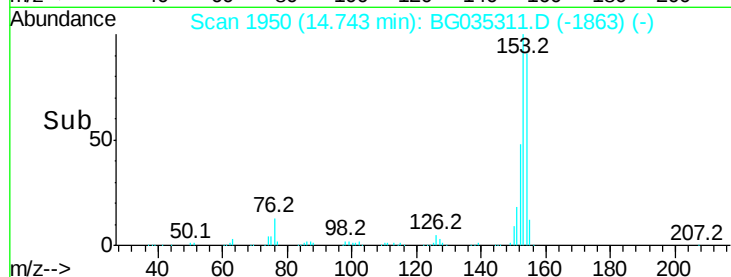
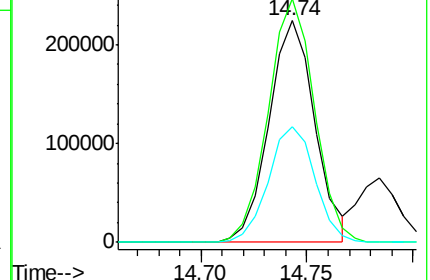
152 52.4 41.6 62.4



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: 25.446 ng

RT: 14.58 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BG035311.D

Acq: 21 Jun 2018 22:31

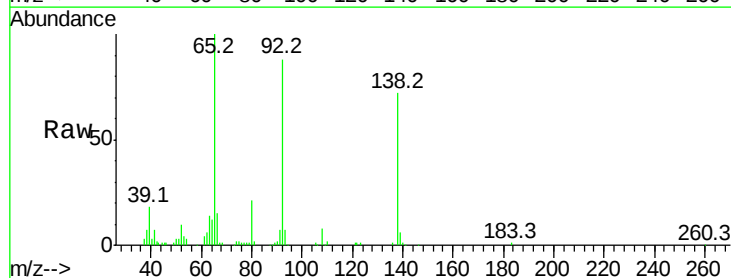
Tgt Ion:138 Resp: 52099

Ion Ratio Lower Upper

138 100

108 10.5 17.5 26.3#

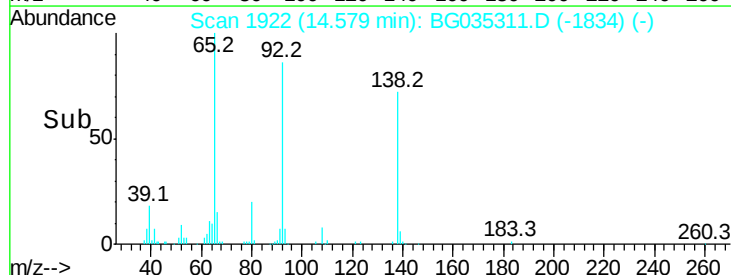
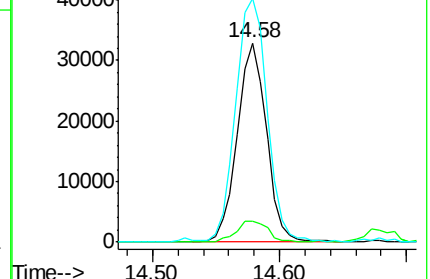
92 122.1 105.8 158.8

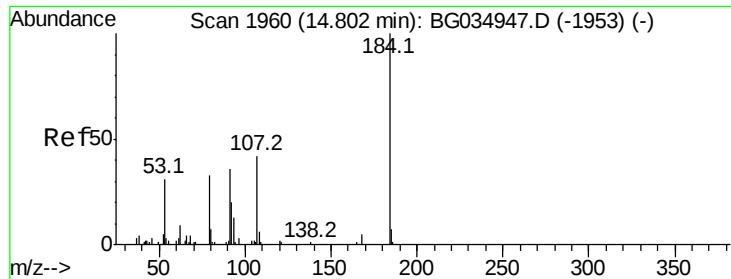


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





#53

2,4-Dinitrophenol

Concen: 153.612 ng

RT: 14.78 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BG035311.D

Acq: 21 Jun 2018 22:31

Instrument :

BNA_G

ClientSampled :

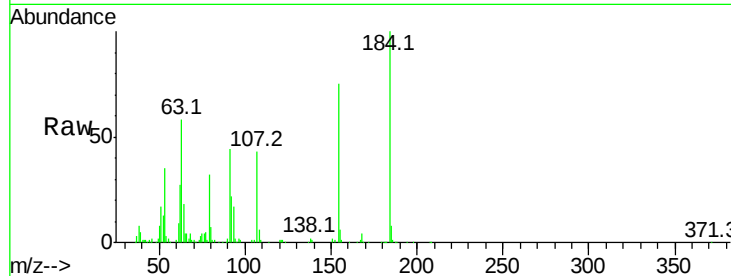
Tot Ion:184 Resp: 129713

Ion Ratio Lower Upper

184 100

63 58.2 59.8 89.8#

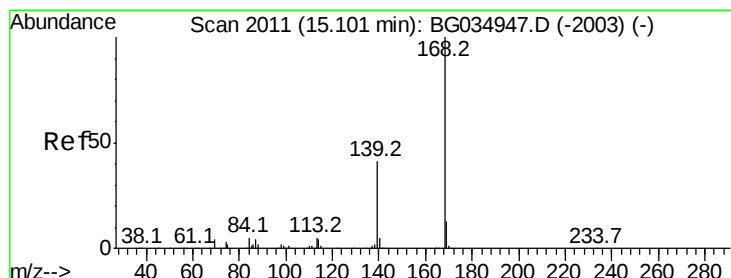
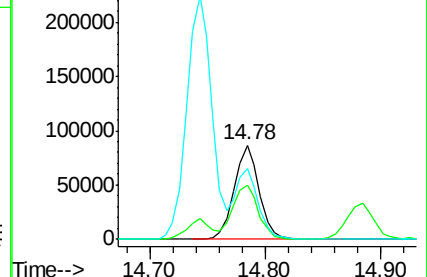
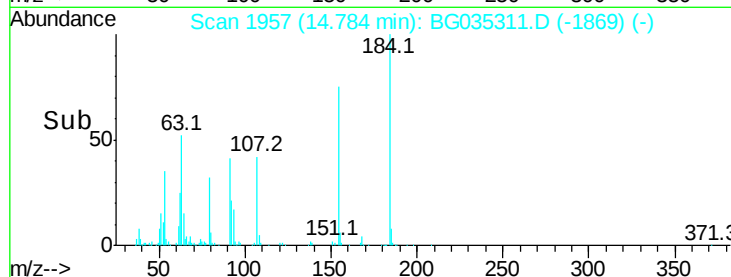
154 74.8 101.8 152.8#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 42.909 ng

RT: 15.08 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BG035311.D

Acq: 21 Jun 2018 22:31

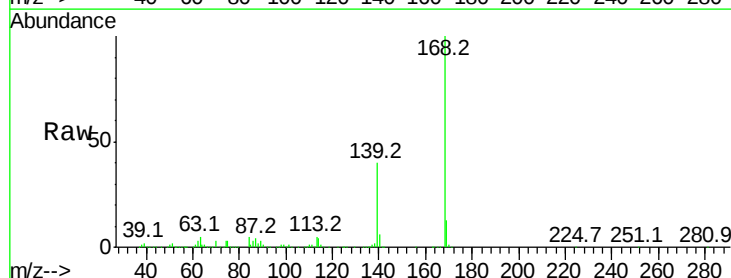
Tgt Ion:168 Resp: 561380

Ion Ratio Lower Upper

168 100

139 40.3 28.6 43.0

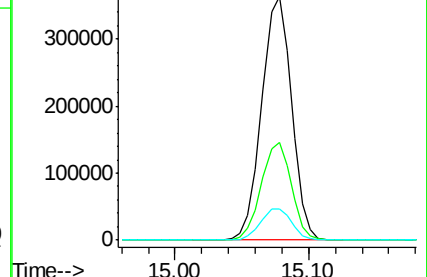
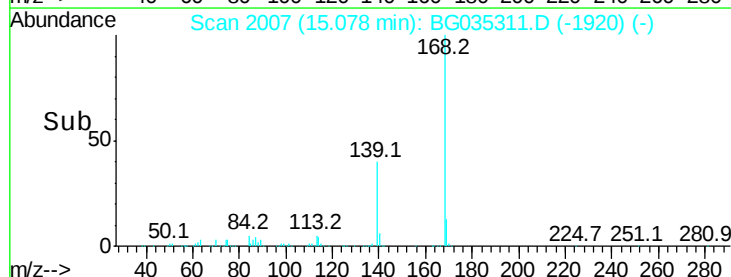
169 12.9 11.2 16.8

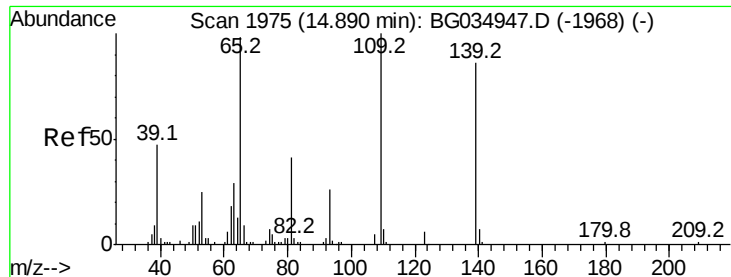


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

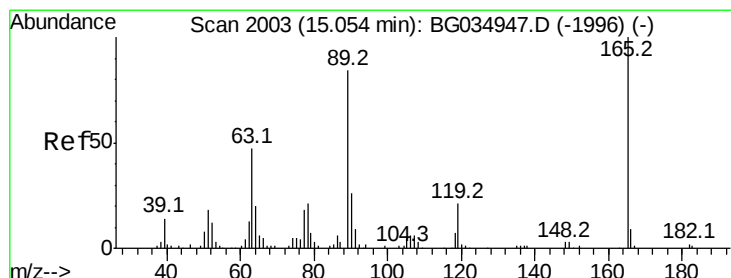
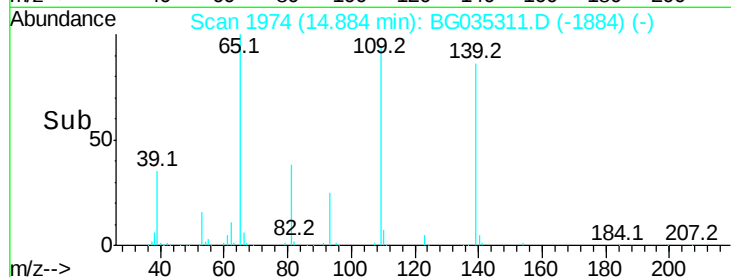
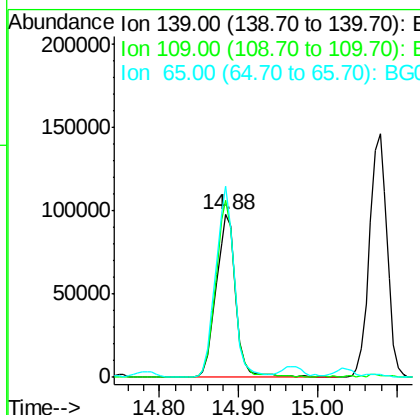
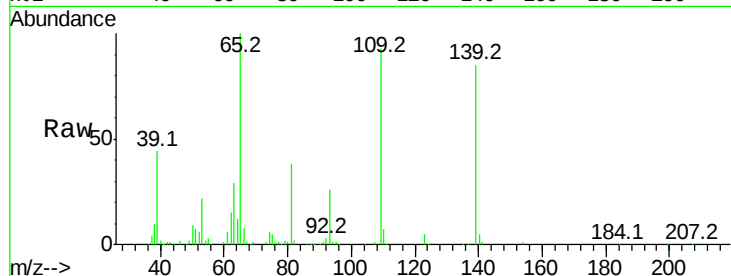




#55
4-Nitrophenol
Concen: 96.874 ng
RT: 14.88 min Scan# 1974
Delta R.T. -0.00 min
Lab File: BG035311.D
Acq: 21 Jun 2018 22:31

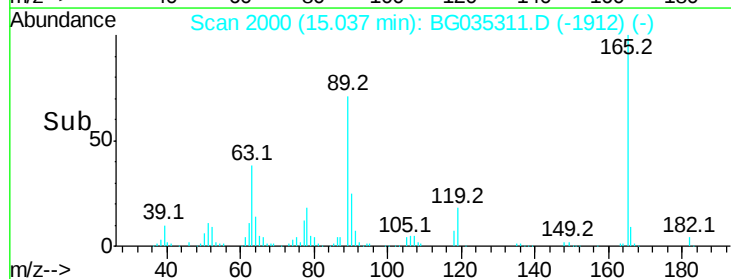
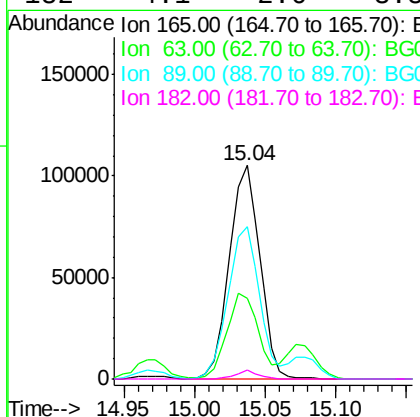
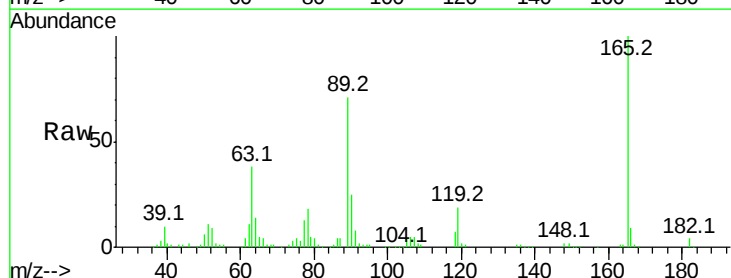
Instrument :
BNA_G
ClientSampleId :

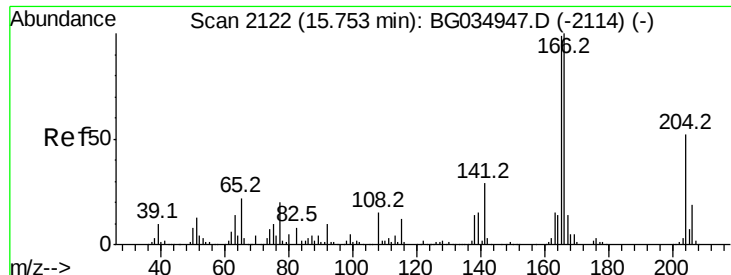
Tot Ion:139 Resp: 167392
Ion Ratio Lower Upper
139 100
109 109.0 62.2 102.2#
65 117.5 97.2 137.2



#56
2,4-Dinitrotoluene
Concen: 57.379 ng
RT: 15.04 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BG035311.D
Acq: 21 Jun 2018 22:31

Tgt Ion:165 Resp: 159036
Ion Ratio Lower Upper
165 100
63 37.9 42.0 63.0#
89 71.3 66.9 100.3
182 4.1 2.6 3.8#

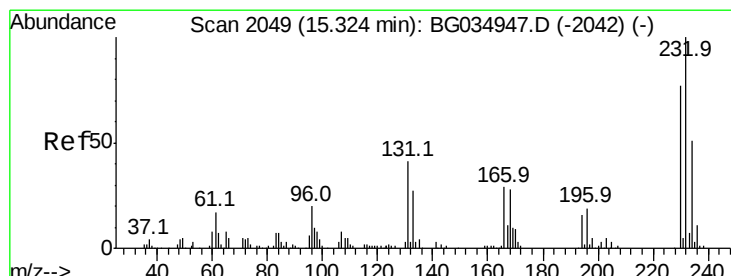
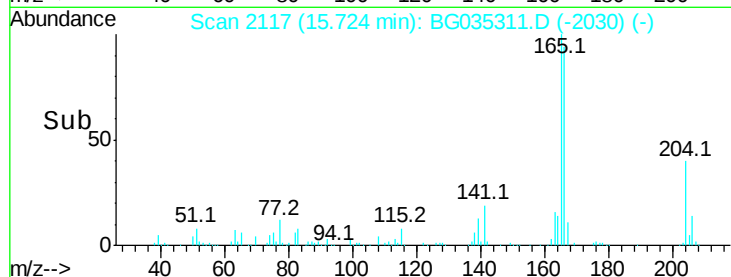
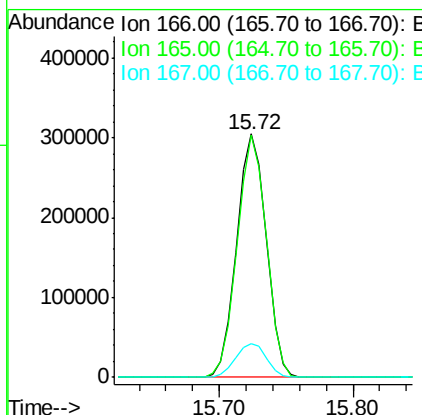
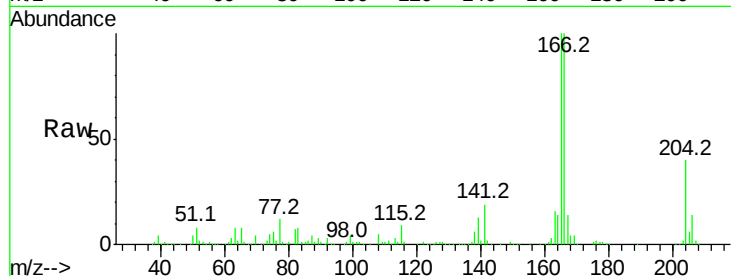




#57
Fluorene
 Concen: 42.738 ng
 RT: 15.72 min Scan# 2117
 Delta R.T. -0.02 min
 Lab File: BG035311.D
 Acq: 21 Jun 2018 22:31

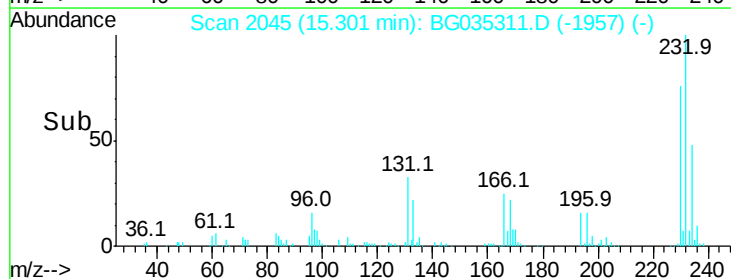
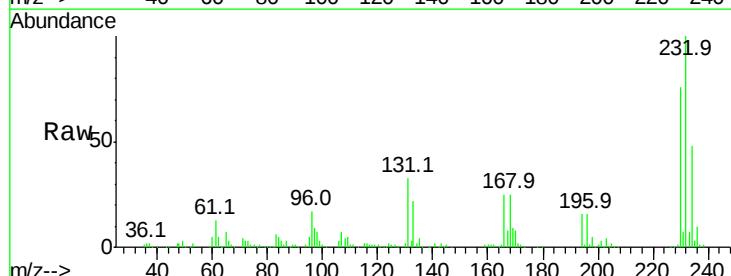
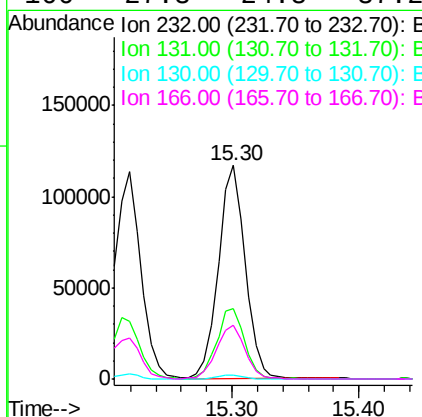
Instrument :
 BNA_G
 ClientSampled :

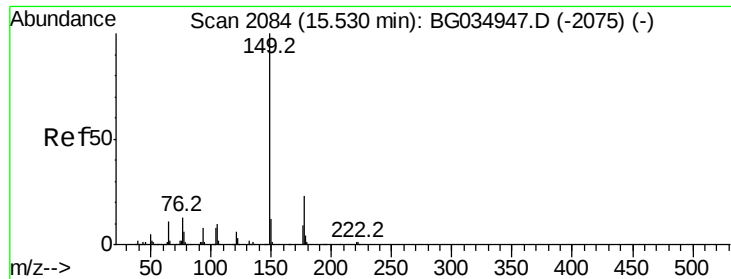
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.7	80.6	121.0
167	13.9	10.4	15.6



#58
2,3,4,6-Tetrachlorophenol
 Concen: 54.892 ng
 RT: 15.30 min Scan# 2045
 Delta R.T. -0.01 min
 Lab File: BG035311.D
 Acq: 21 Jun 2018 22:31

Tgt Ion	Ratio	Lower	Upper
232	100		
131	35.2	33.5	50.3
130	1.9	2.2	3.2#
166	27.3	24.8	37.2

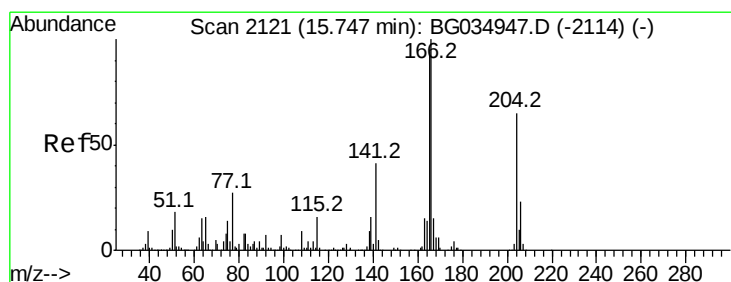
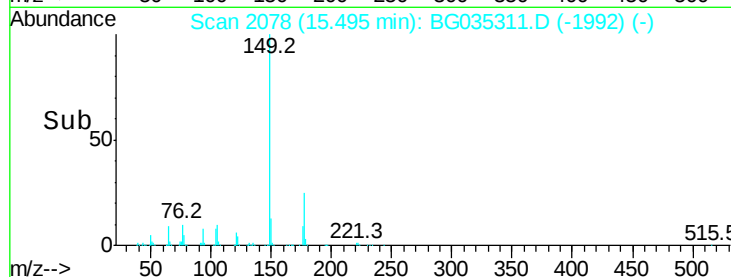
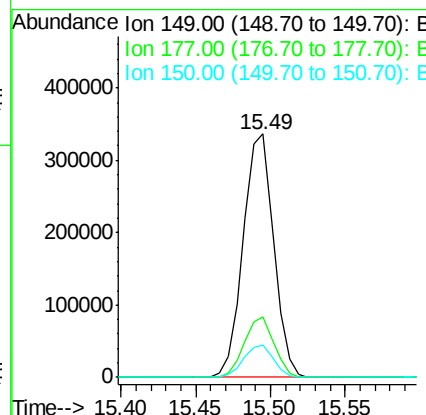
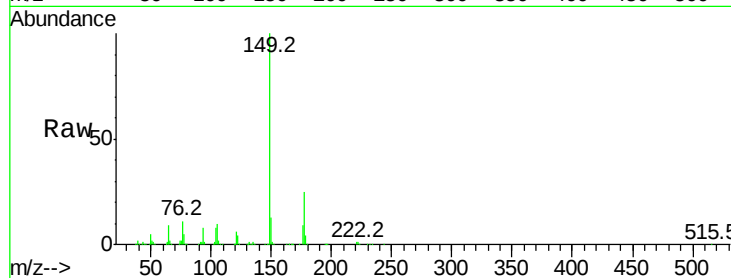




#59
Diethylphthalate
Concen: 40.871 ng
RT: 15.49 min Scan# 2078
Delta R.T. -0.02 min
Lab File: BG035311.D
Acq: 21 Jun 2018 22:31

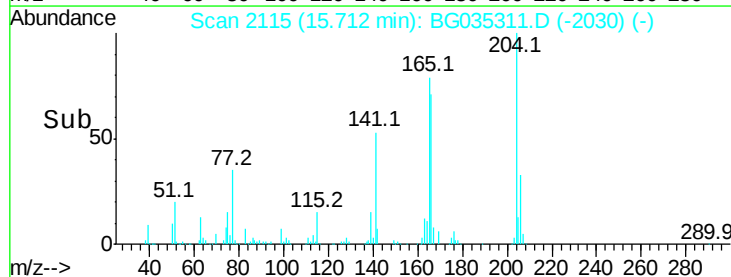
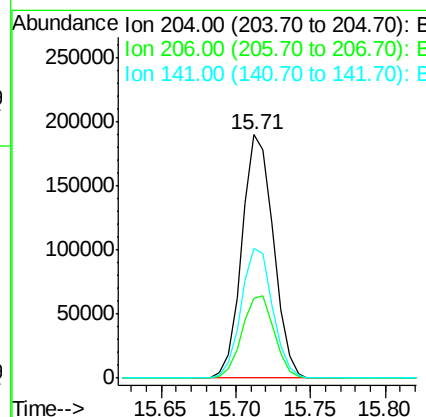
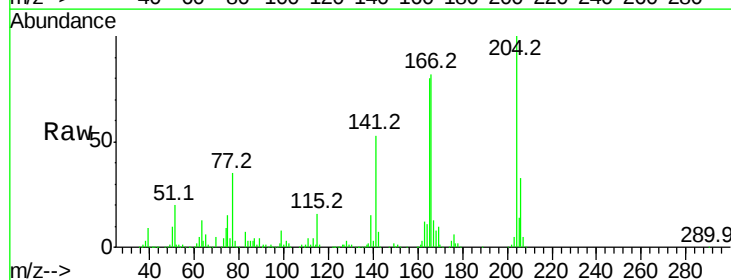
Instrument :
BNA_G
ClientSampleId :

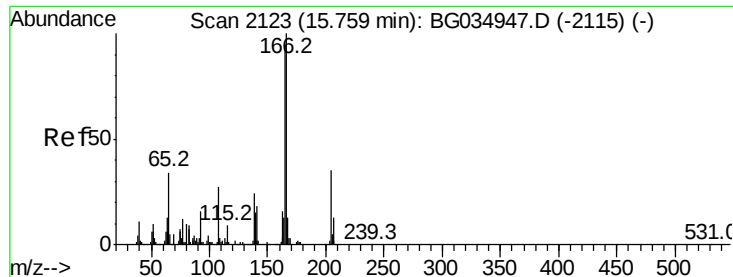
Tot Ion:149 Resp: 476912
Ion Ratio Lower Upper
149 100
177 24.9 18.5 27.7
150 13.3 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 44.461 ng
RT: 15.71 min Scan# 2115
Delta R.T. -0.03 min
Lab File: BG035311.D
Acq: 21 Jun 2018 22:31

Tgt Ion:204 Resp: 277206
Ion Ratio Lower Upper
204 100
206 32.9 26.2 39.2
141 53.5 45.8 68.6

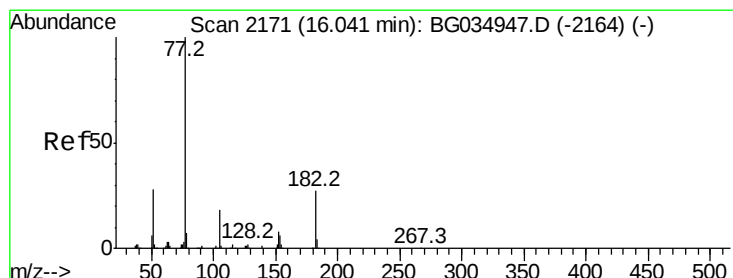
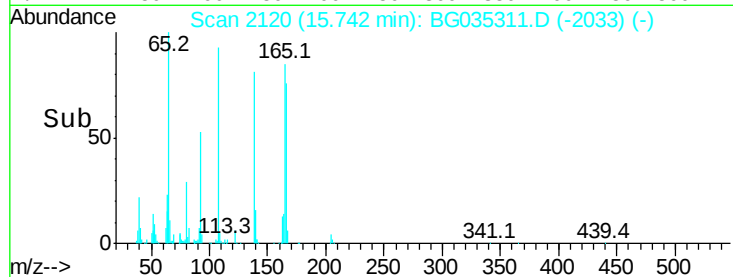
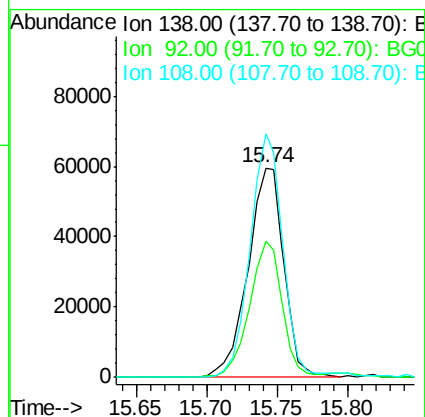
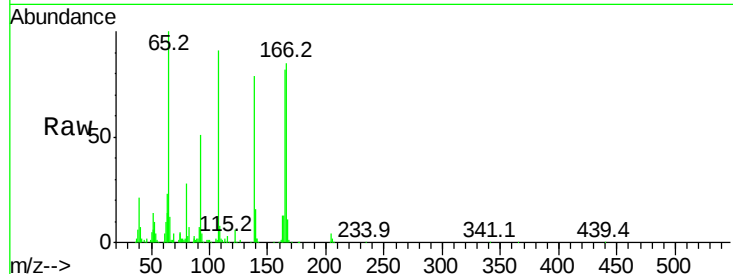




#61
4-Nitroaniline
Concen: 48.398 ng
RT: 15.74 min Scan# 2120
Delta R.T. -0.02 min
Lab File: BG035311.D
Acq: 21 Jun 2018 22:31

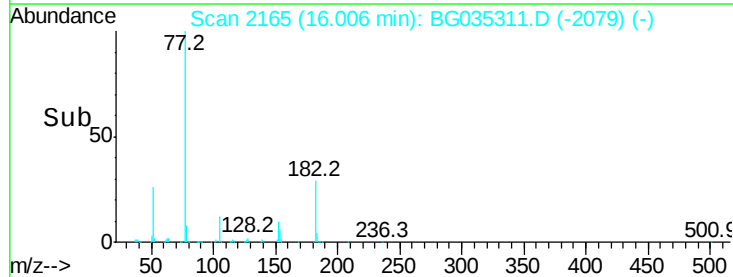
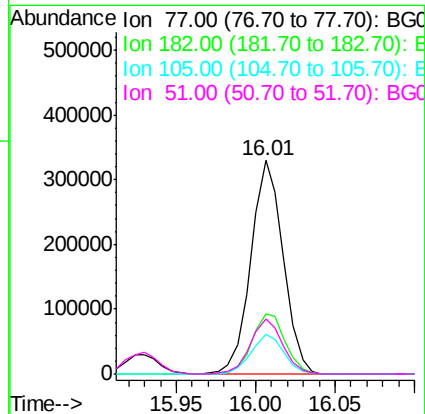
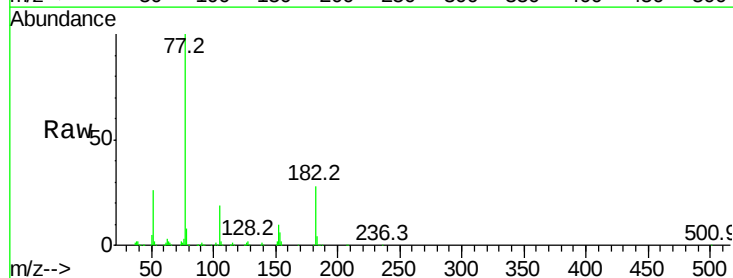
Instrument :
BNA_G
ClientSampleId :

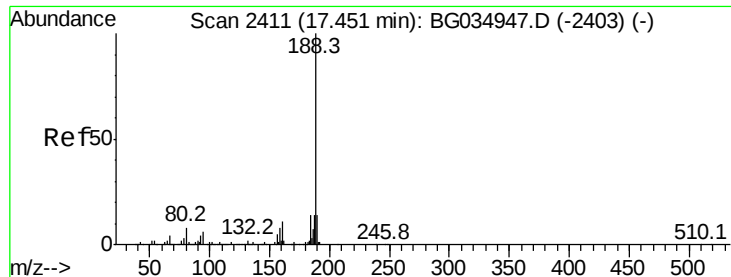
Tot Ion:138 Resp: 106269
Ion Ratio Lower Upper
138 100
92 65.2 40.1 80.1
108 116.1 65.4 105.4#



#62
Azobenzene
Concen: 40.693 ng
RT: 16.01 min Scan# 2165
Delta R.T. -0.02 min
Lab File: BG035311.D
Acq: 21 Jun 2018 22:31

Tgt Ion: 77 Resp: 465307
Ion Ratio Lower Upper
77 100
182 28.3 7.4 47.4
105 18.6 0.3 40.3
51 26.1 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: BG035311.D

Acq: 21 Jun 2018 22:31

Instrument :

BNA_G

ClientSampleId :

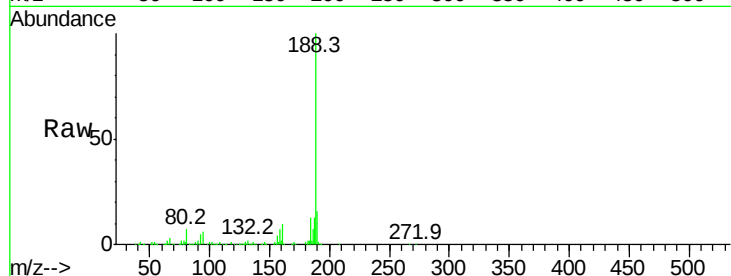
Tot Ion:188 Resp: 354100

Ion Ratio Lower Upper

188 100

94 5.7 6.9 10.3#

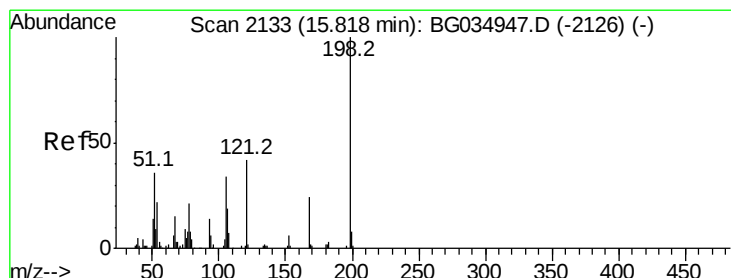
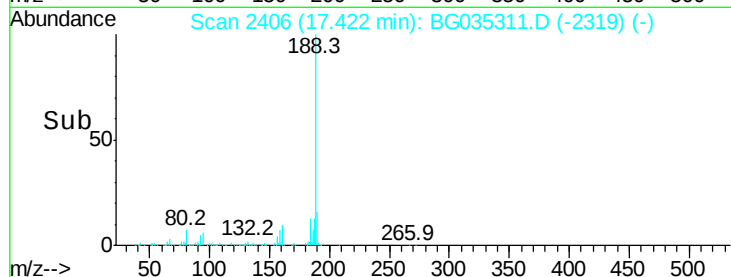
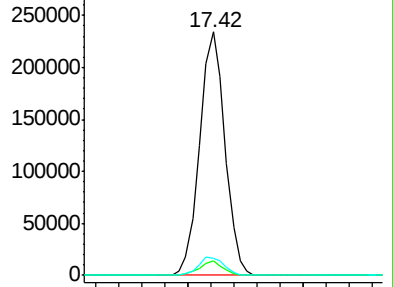
80 7.0 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 58.114 ng

RT: 15.79 min Scan# 2129

Delta R.T. -0.02 min

Lab File: BG035311.D

Acq: 21 Jun 2018 22:31

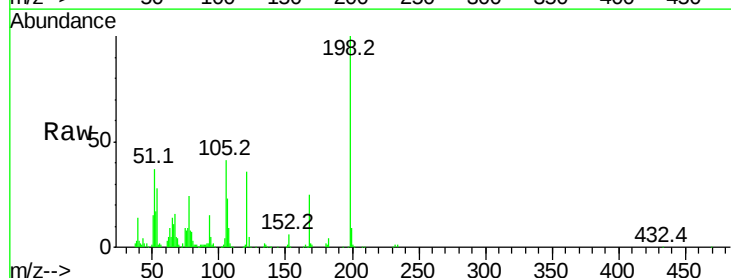
Tgt Ion:198 Resp: 93954

Ion Ratio Lower Upper

198 100

51 36.9 30.6 70.6

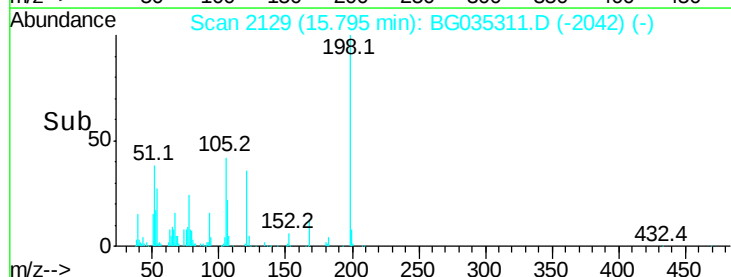
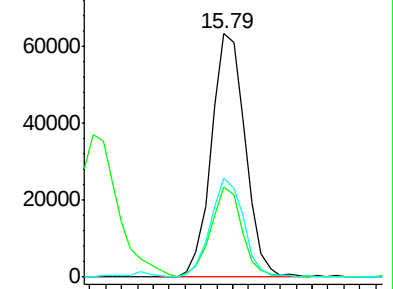
105 40.6 23.8 63.8

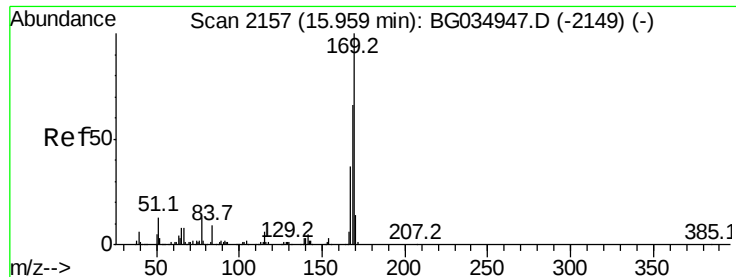


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 40.569 ng

RT: 15.93 min Scan# 2152

Delta R.T. -0.02 min

Lab File: BG035311.D

Acq: 21 Jun 2018 22:31

Instrument :

BNA_G

ClientSampleId :

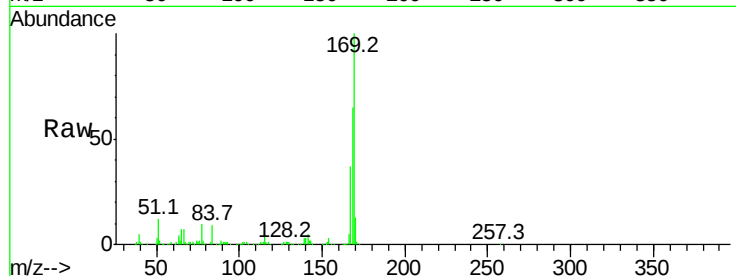
Tot Ion:169 Resp: 431409

Ion Ratio Lower Upper

169 100

168 64.8 55.7 83.5

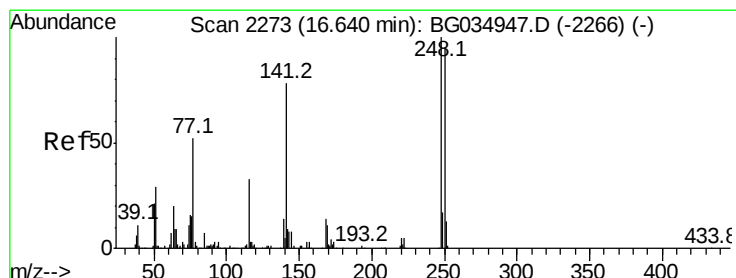
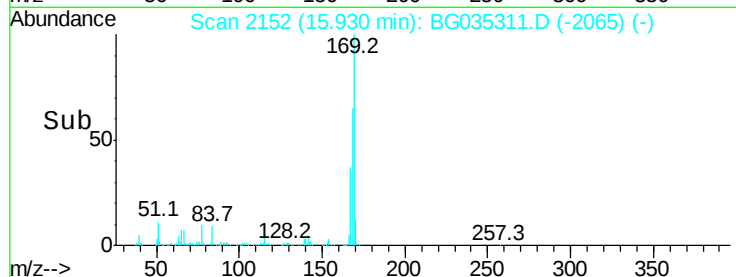
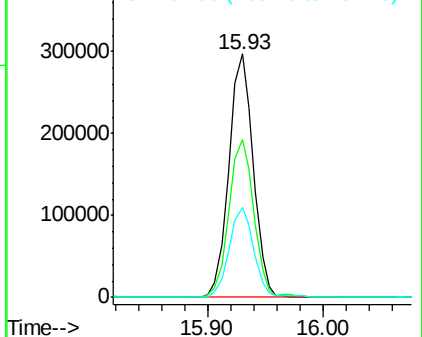
167 37.0 30.1 45.1



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 44.386 ng

RT: 16.61 min Scan# 2268

Delta R.T. -0.02 min

Lab File: BG035311.D

Acq: 21 Jun 2018 22:31

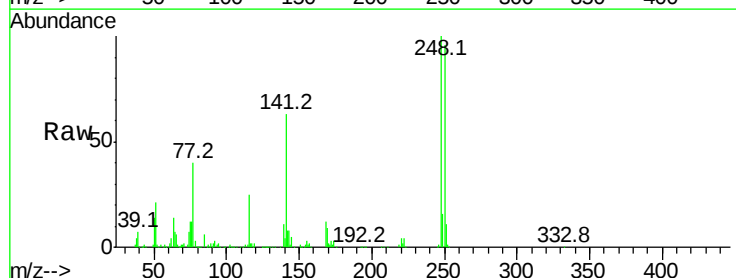
Tgt Ion:248 Resp: 189271

Ion Ratio Lower Upper

248 100

250 95.8 77.1 115.7

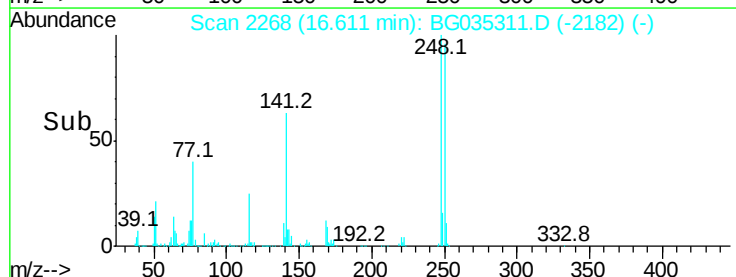
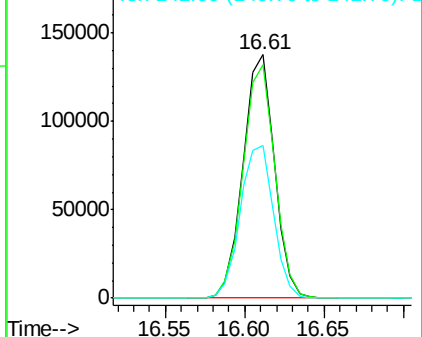
141 62.9 50.8 76.2

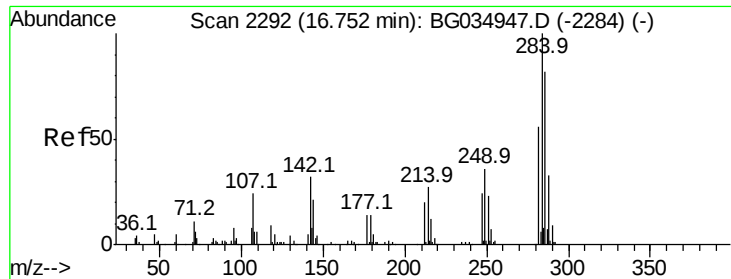


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 44.912 ng

RT: 16.73 min Scan# 2288

Delta R.T. -0.02 min

Lab File: BG035311.D

Acq: 21 Jun 2018 22:31

Instrument :

BNA_G

ClientSampleId :

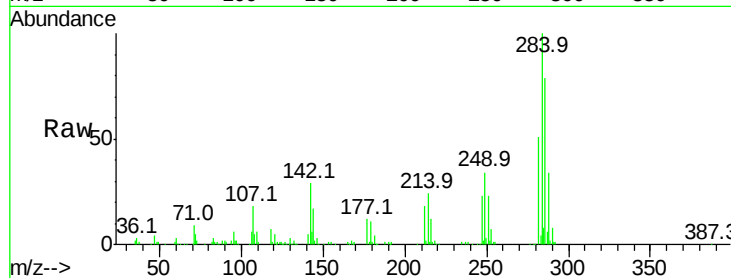
Tot Ion:284 Resp: 194929

Ion Ratio Lower Upper

284 100

142 29.4 26.8 40.2

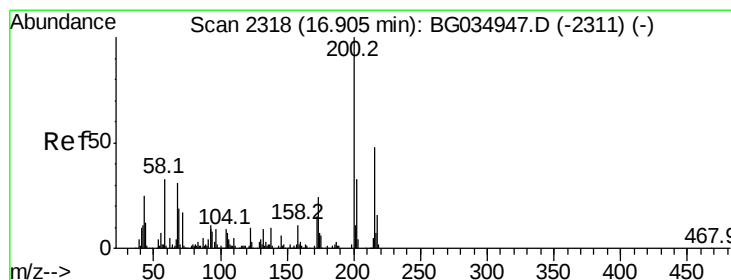
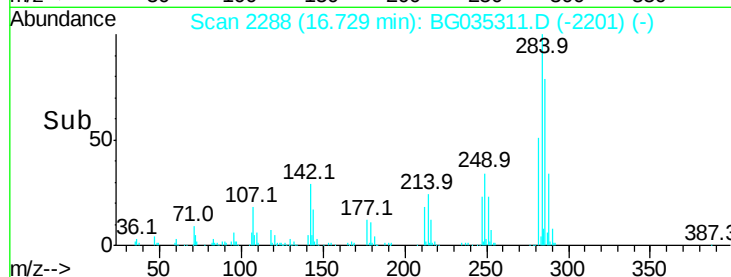
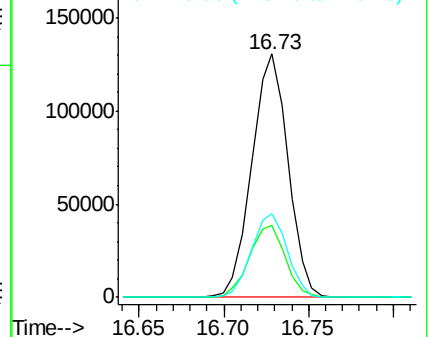
249 34.4 26.3 39.5



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 42.049 ng

RT: 16.88 min Scan# 2313

Delta R.T. -0.02 min

Lab File: BG035311.D

Acq: 21 Jun 2018 22:31

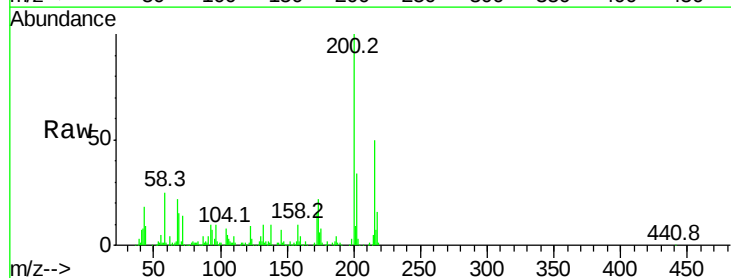
Tgt Ion:200 Resp: 190686

Ion Ratio Lower Upper

200 100

173 21.7 5.2 45.2

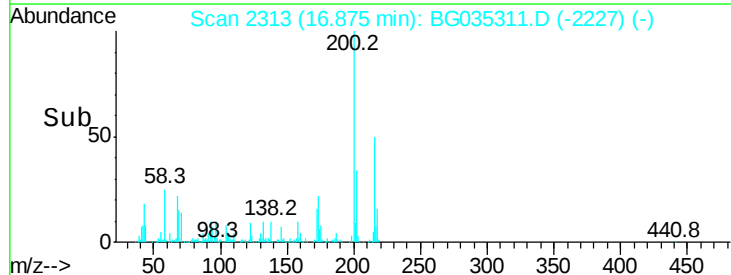
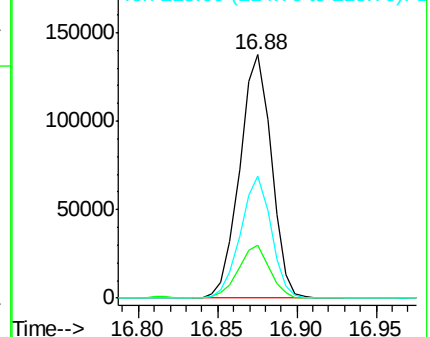
215 49.9 30.4 70.4

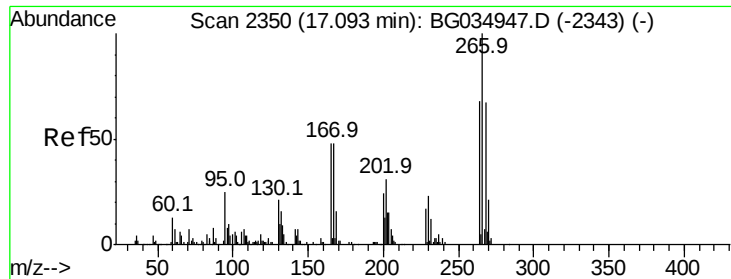


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

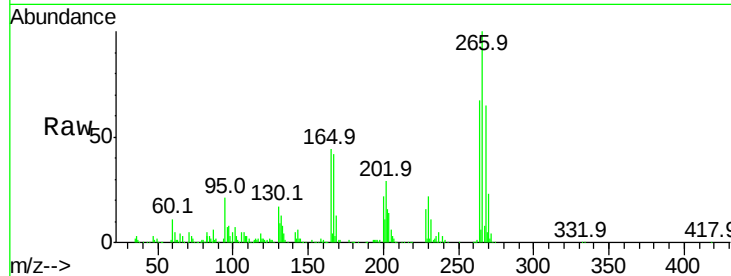




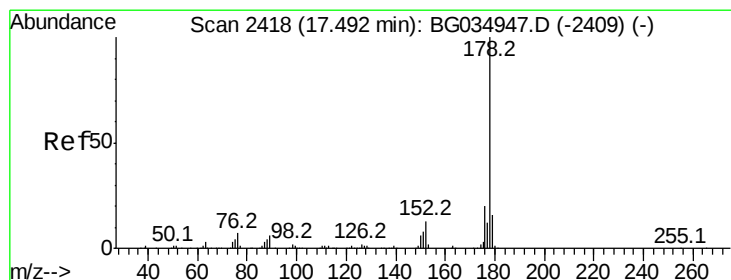
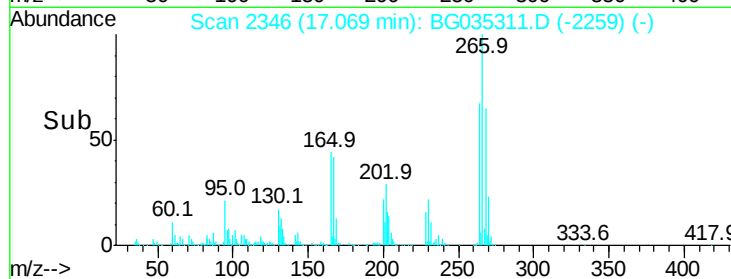
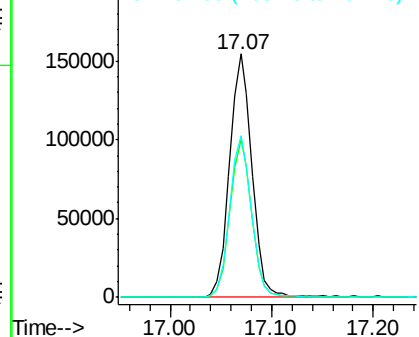
#69
 Pentachlorophenol
 Concen: 81.171 ng
 RT: 17.07 min Scan# 2346
 Delta R.T. -0.02 min
 Lab File: BG035311.D
 Acq: 21 Jun 2018 22:31

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.9	51.1	76.7
264	66.6	49.6	74.4

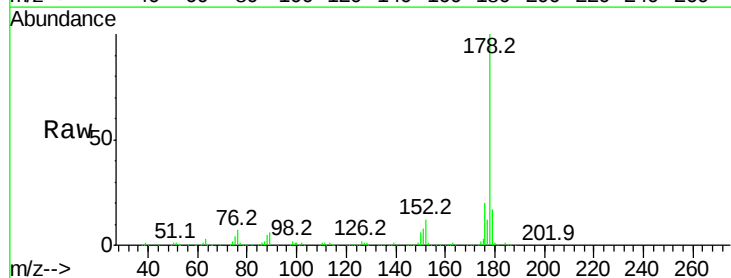


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

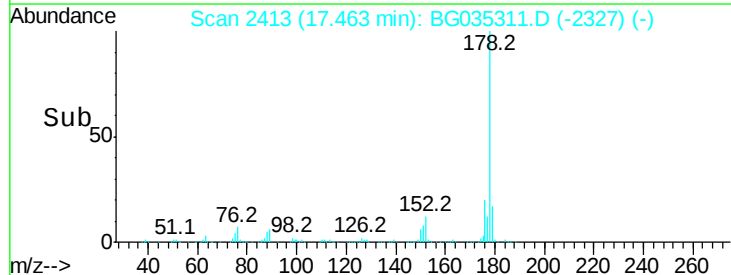
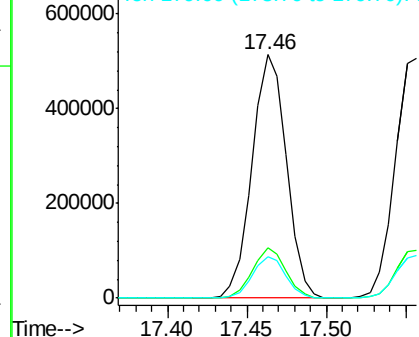


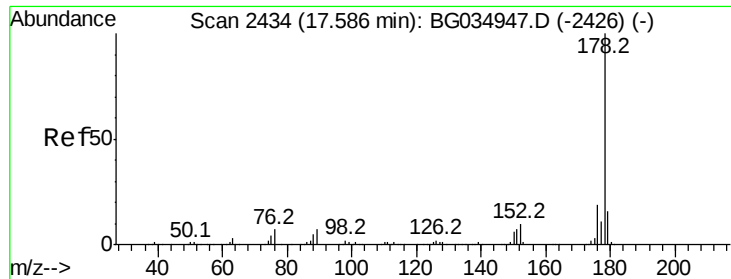
#70
 Phenanthrene
 Concen: 43.067 ng
 RT: 17.46 min Scan# 2413
 Delta R.T. -0.02 min
 Lab File: BG035311.D
 Acq: 21 Jun 2018 22:31

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.7	23.5
179	17.3	12.5	18.7



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

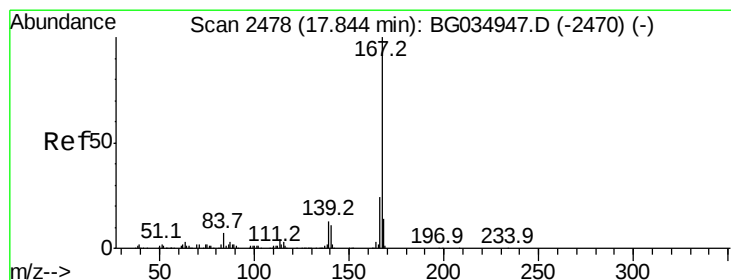
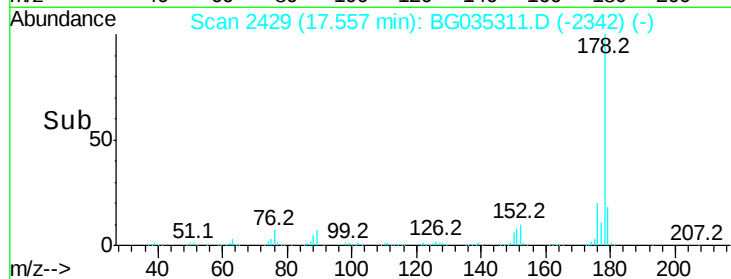
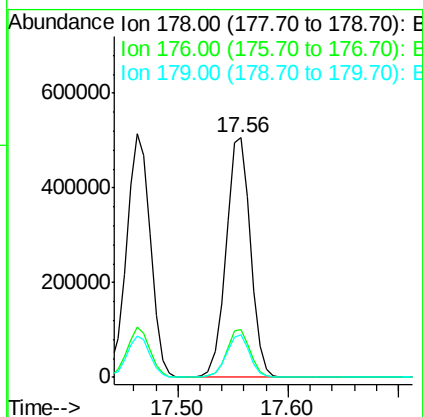
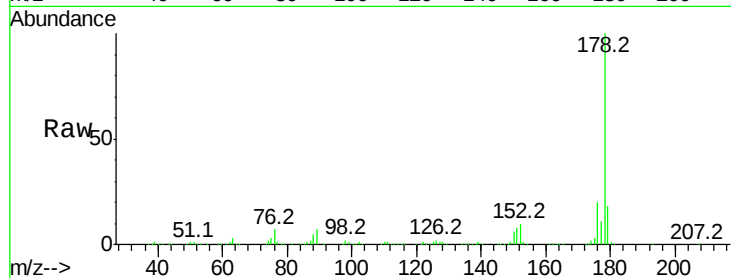




#71
 Anthracene
 Concen: 43.148 ng
 RT: 17.56 min Scan# 2429
 Delta R.T. -0.02 min
 Lab File: BG035311.D
 Acq: 21 Jun 2018 22:31

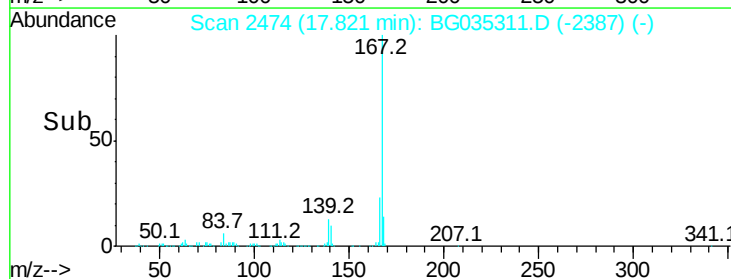
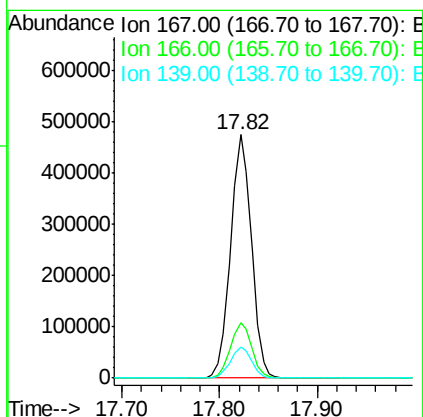
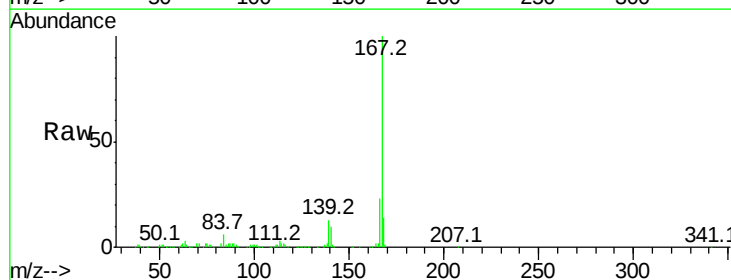
Instrument :
 BNA_G
 ClientSampleId :

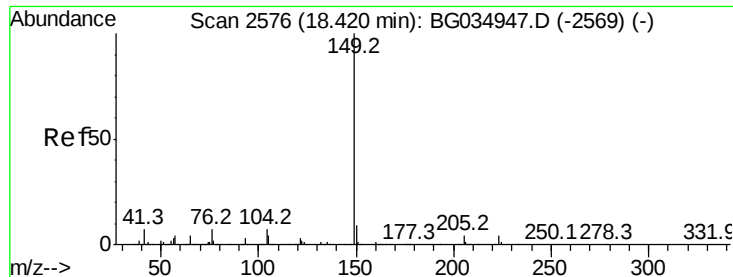
Tot Ion:178 Resp: 777442
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.0 24.0
 179 17.9 12.5 18.7



#72
 Carbazole
 Concen: 42.208 ng
 RT: 17.82 min Scan# 2474
 Delta R.T. -0.02 min
 Lab File: BG035311.D
 Acq: 21 Jun 2018 22:31

Tgt Ion:167 Resp: 705620
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.2 27.4
 139 12.6 9.4 14.2

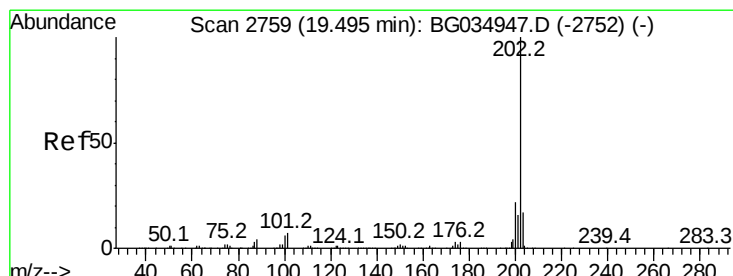
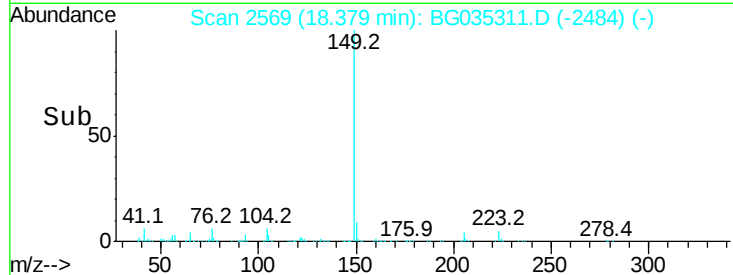
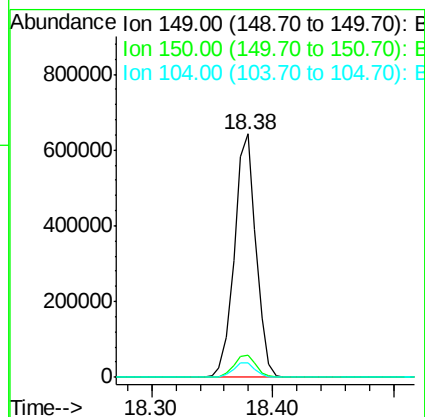
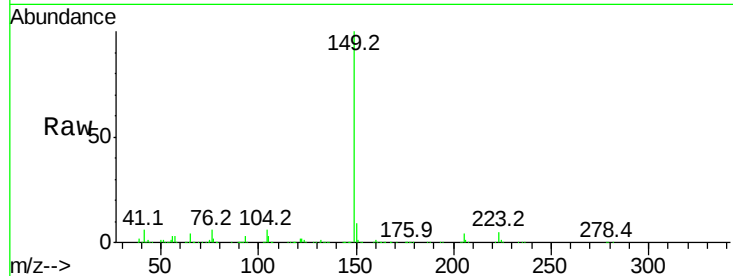




#73
Di-n-butylphthalate
Concen: 39.983 ng
RT: 18.38 min Scan# 2569
Delta R.T. -0.03 min
Lab File: BG035311.D
Acq: 21 Jun 2018 22:31

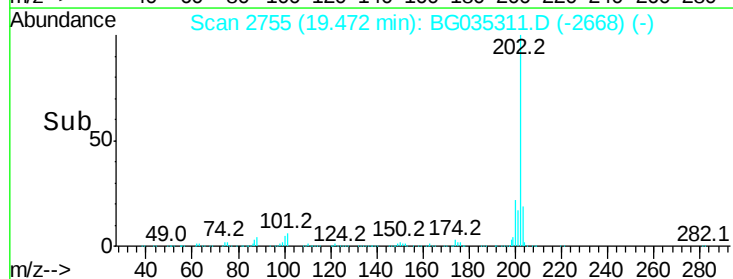
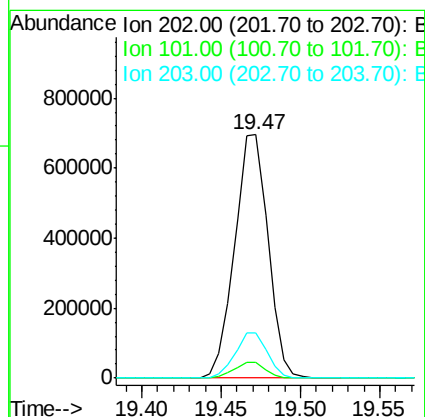
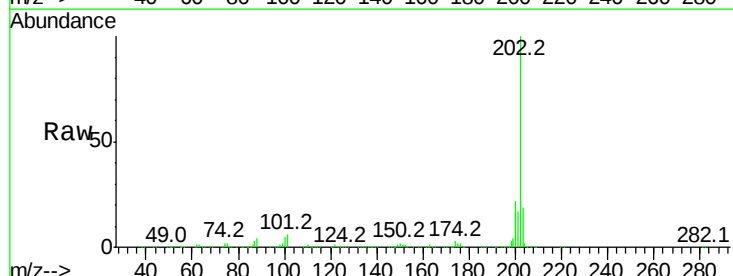
Instrument :
BNA_G
ClientSampleId :

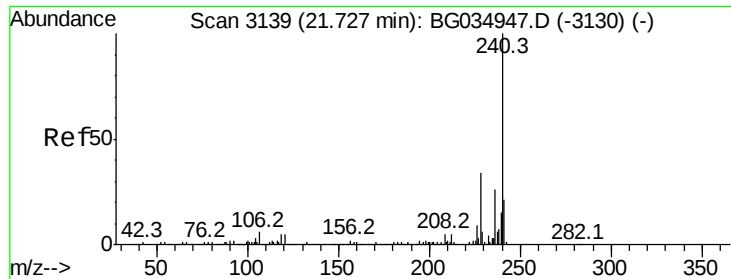
Tot Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.8	11.6
104	5.7	3.9	5.9



#74
Fluoranthene
Concen: 43.364 ng
RT: 19.47 min Scan# 2755
Delta R.T. -0.02 min
Lab File: BG035311.D
Acq: 21 Jun 2018 22:31

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.4	0.0	28.9
203	18.8	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3133

Delta R.T. -0.02 min

Lab File: BG035311.D

Acq: 21 Jun 2018 22:31

Instrument :

BNA_G

ClientSampleId :

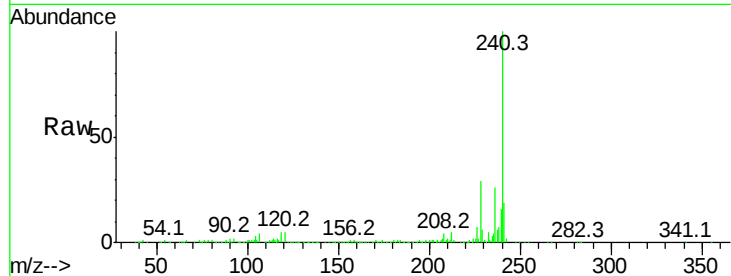
Tot Ion:240 Resp: 373849

Ion Ratio Lower Upper

240 100

120 5.1 6.8 10.2#

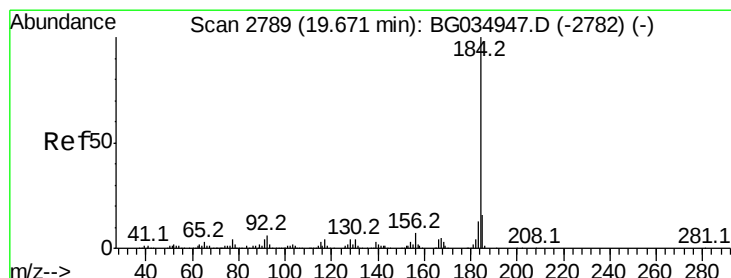
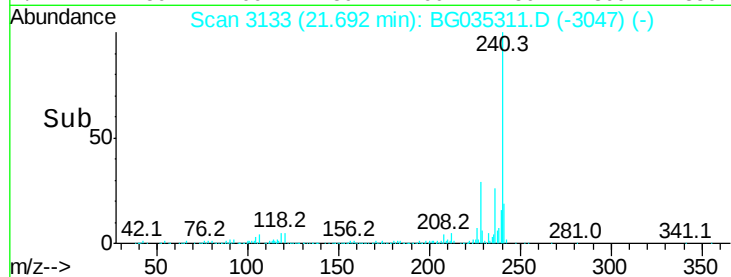
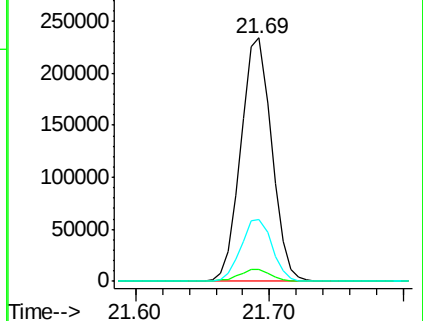
236 25.6 20.9 31.3



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: 29.310 ng

RT: 19.65 min Scan# 2785

Delta R.T. -0.02 min

Lab File: BG035311.D

Acq: 21 Jun 2018 22:31

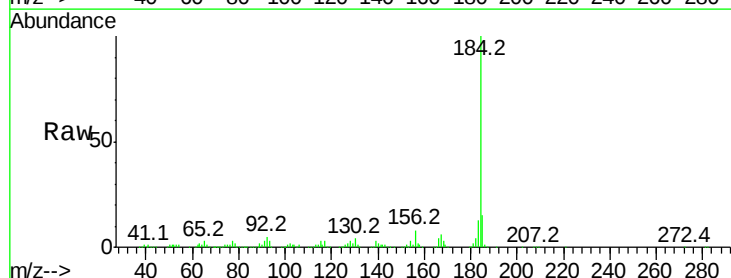
Tgt Ion:184 Resp: 407660

Ion Ratio Lower Upper

184 100

185 14.9 11.1 16.7

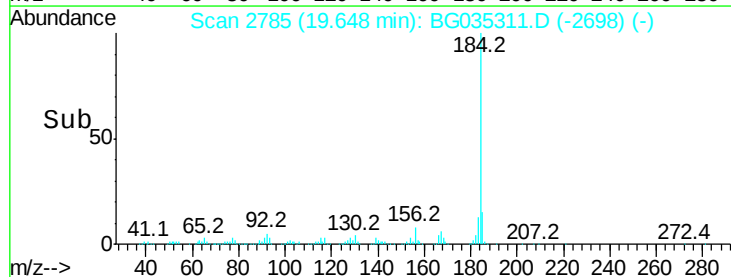
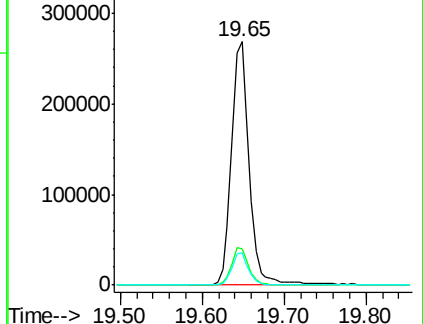
183 13.2 10.6 16.0

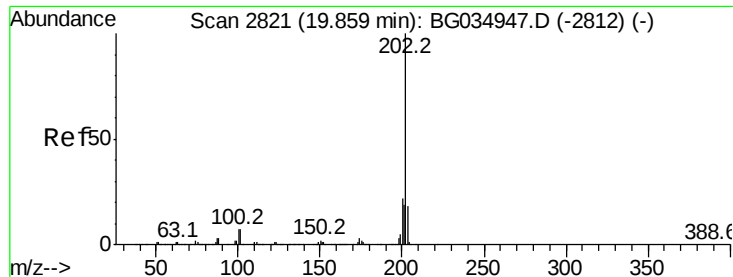


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 41.054 ng

RT: 19.83 min Scan# 2816

Delta R.T. -0.02 min

Lab File: BG035311.D

Acq: 21 Jun 2018 22:31

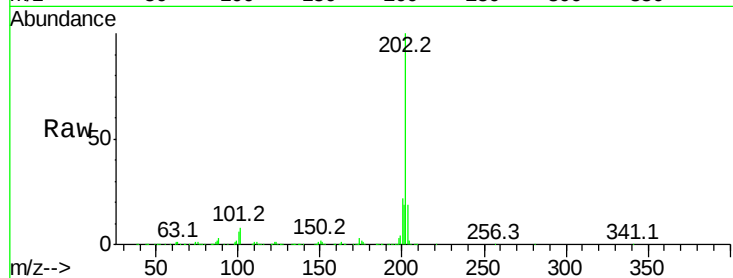
Instrument :

BNA_G

ClientSampleId :

Tot Ion:202 Resp: 1011799

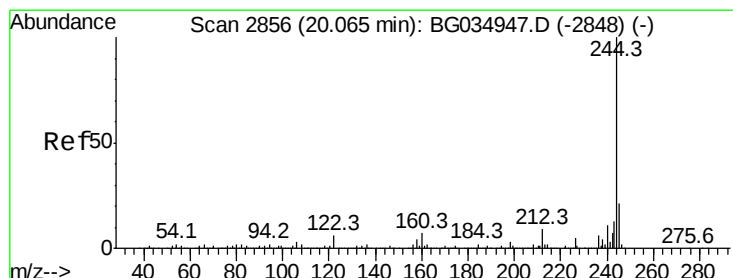
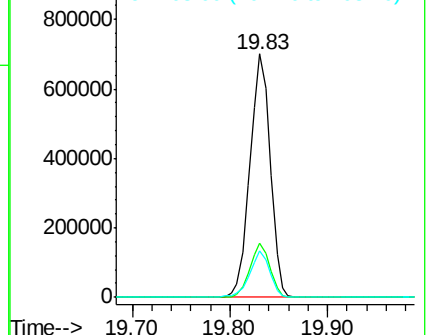
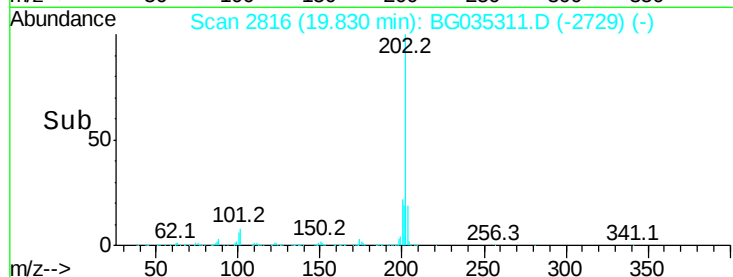
Ion	Ratio	Lower	Upper
202	100		
200	22.0	16.9	25.3
203	18.8	13.9	20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 88.675 ng

RT: 20.03 min Scan# 2850

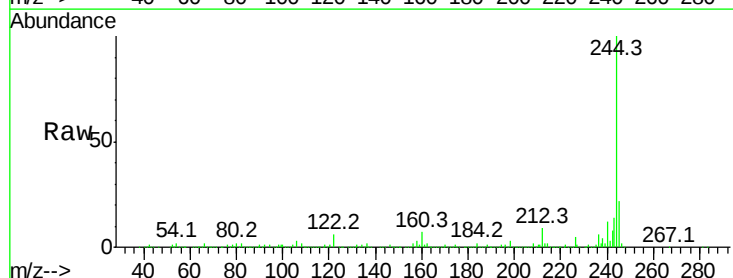
Delta R.T. -0.02 min

Lab File: BG035311.D

Acq: 21 Jun 2018 22:31

Tgt Ion:244 Resp: 1582643

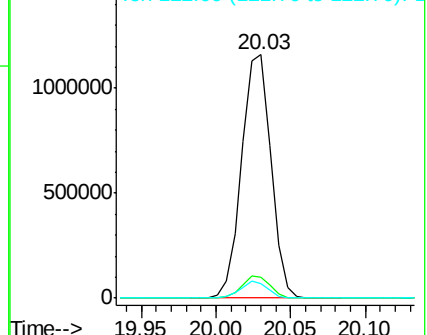
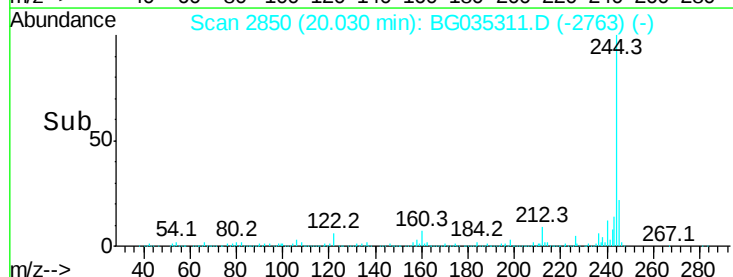
Ion	Ratio	Lower	Upper
244	100		
212	8.8	5.8	8.8#
122	6.2	7.0	10.4#

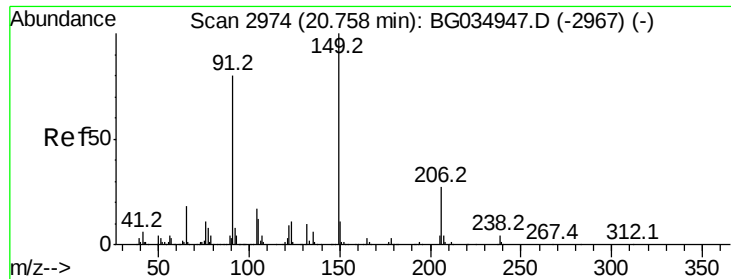


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

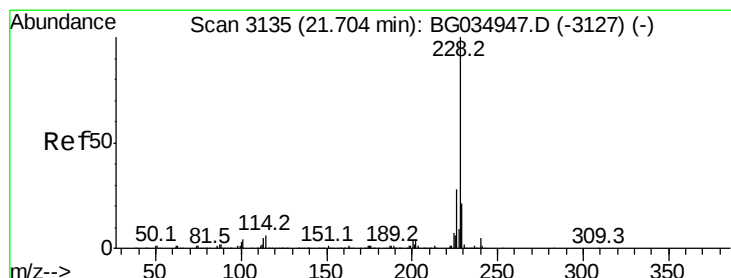
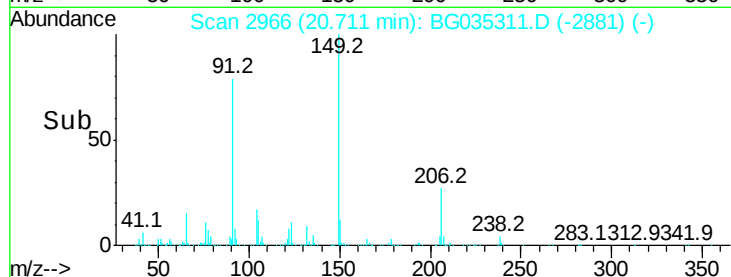
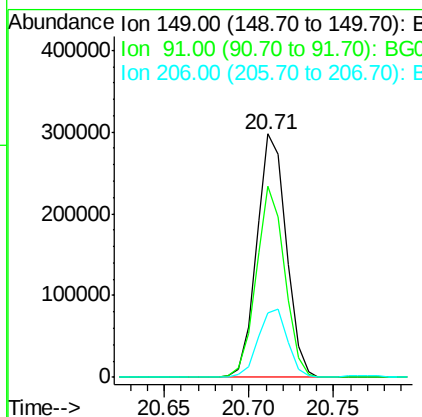
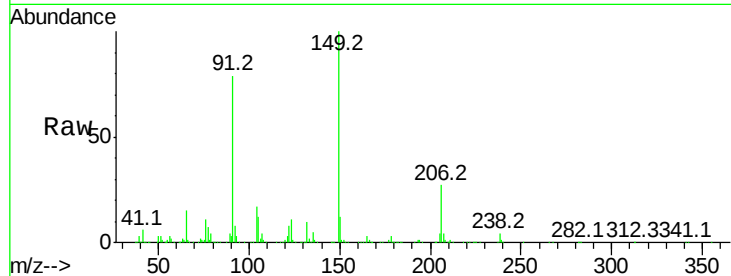




#79
Butylbenzylphthalate
Concen: 40.183 ng
RT: 20.71 min Scan# 2966
Delta R.T. -0.03 min
Lab File: BG035311.D
Acq: 21 Jun 2018 22:31

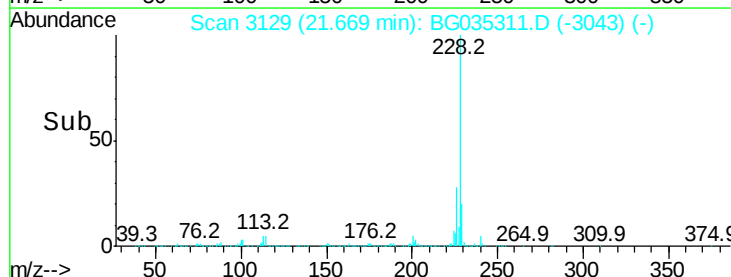
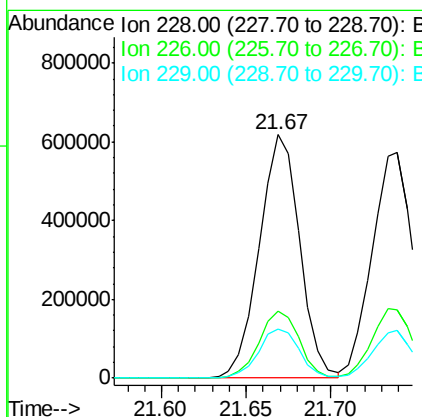
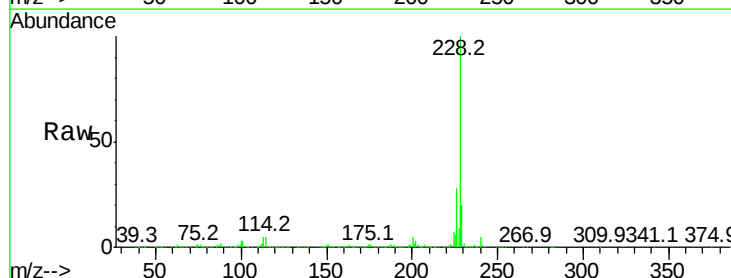
Instrument :
BNA_G
ClientSampleId :

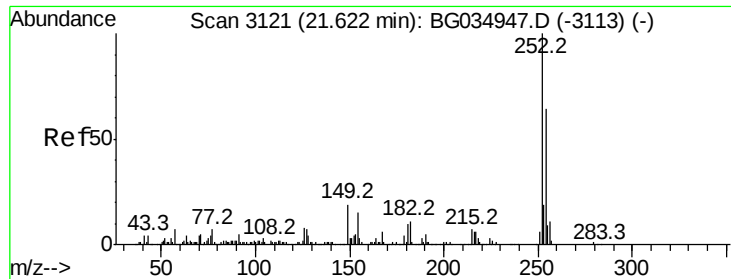
Tot Ion:149 Resp: 359614
Ion Ratio Lower Upper
149 100
91 78.7 62.2 93.2
206 26.6 18.6 27.8



#80
Benzo(a)anthracene
Concen: 42.970 ng
RT: 21.67 min Scan# 3129
Delta R.T. -0.02 min
Lab File: BG035311.D
Acq: 21 Jun 2018 22:31

Tgt Ion:228 Resp: 1026546
Ion Ratio Lower Upper
228 100
226 27.8 22.7 34.1
229 20.1 16.2 24.2

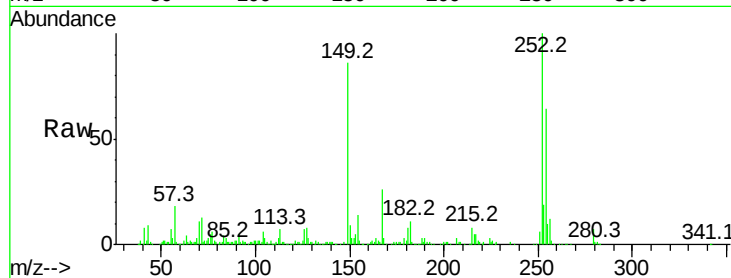




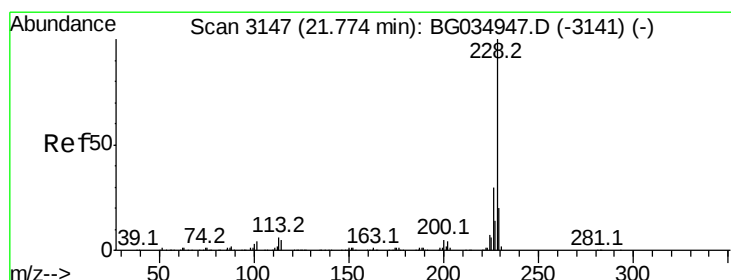
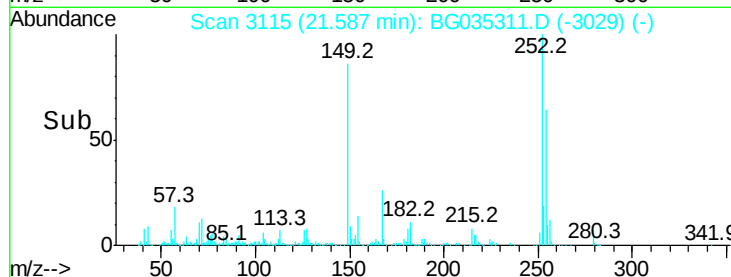
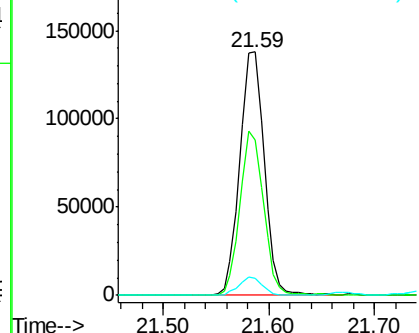
#81
 3,3'-Dichlorobenzidine
 Concen: 24.652 ng
 RT: 21.59 min Scan# 3115
 Delta R.T. -0.02 min
 Lab File: BG035311.D
 Acq: 21 Jun 2018 22:31

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:252 Resp: 221570
 Ion Ratio Lower Upper
 252 100
 254 63.6 50.8 76.2
 126 6.8 7.4 11.2#

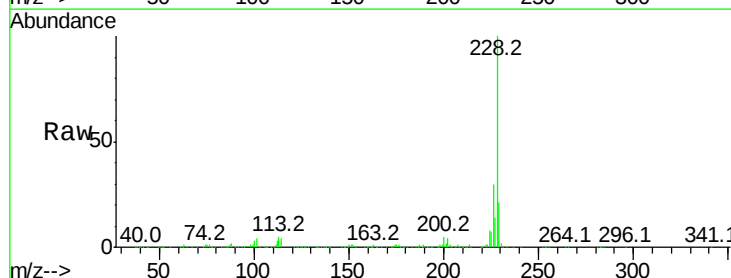


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

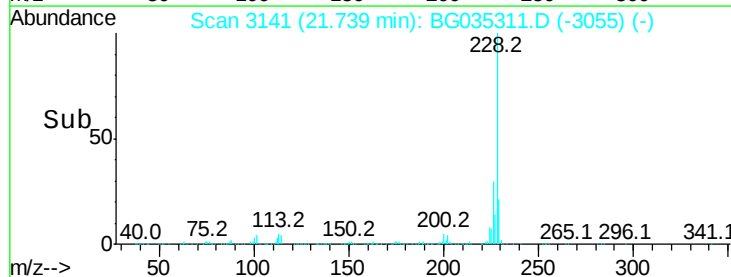
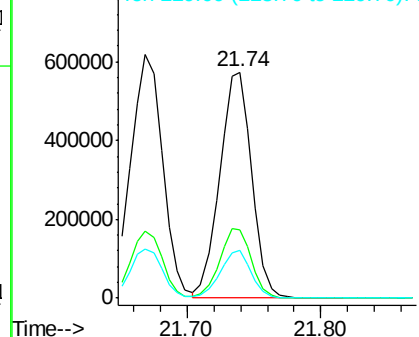


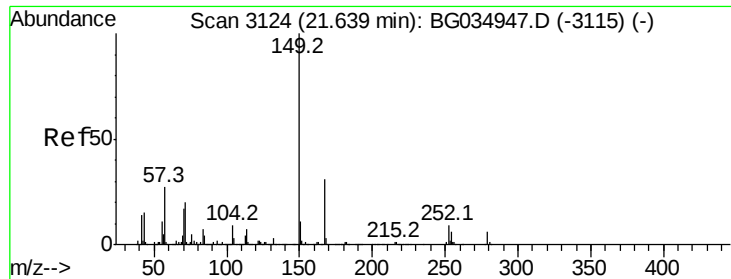
#82
 Chrysene
 Concen: 43.930 ng
 RT: 21.74 min Scan# 3141
 Delta R.T. -0.02 min
 Lab File: BG035311.D
 Acq: 21 Jun 2018 22:31

Tgt Ion:228 Resp: 960893
 Ion Ratio Lower Upper
 228 100
 226 30.3 24.9 37.3
 229 21.0 15.0 22.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.804 ng

RT: 21.57 min Scan# 3113

Delta R.T. -0.04 min

Lab File: BG035311.D

Acq: 21 Jun 2018 22:31

Instrument :

BNA_G

ClientSampleId :

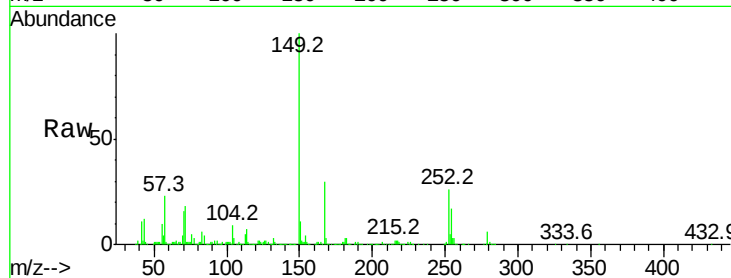
Tot Ion:149 Resp: 490687

Ion Ratio Lower Upper

149 100

167 30.2 24.3 36.5

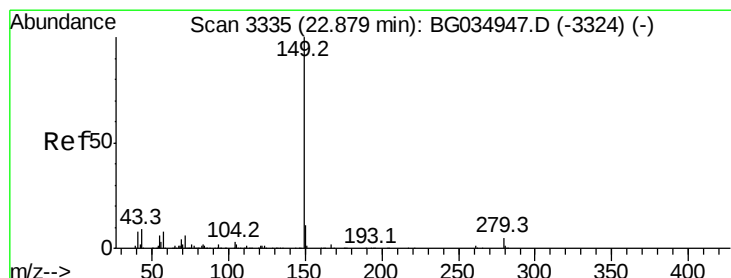
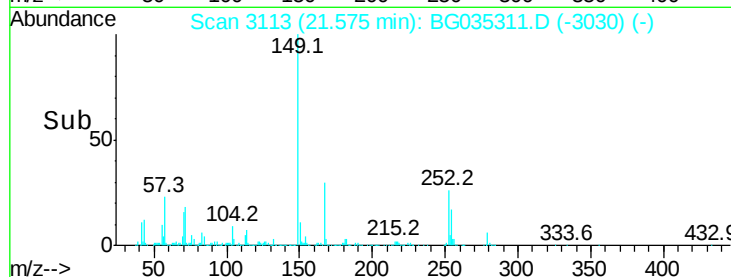
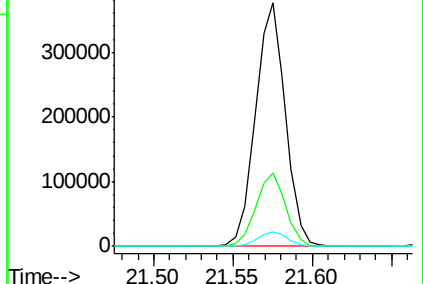
279 5.9 4.0 6.0



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: 38.727 ng

RT: 22.79 min Scan# 3319

Delta R.T. -0.06 min

Lab File: BG035311.D

Acq: 21 Jun 2018 22:31

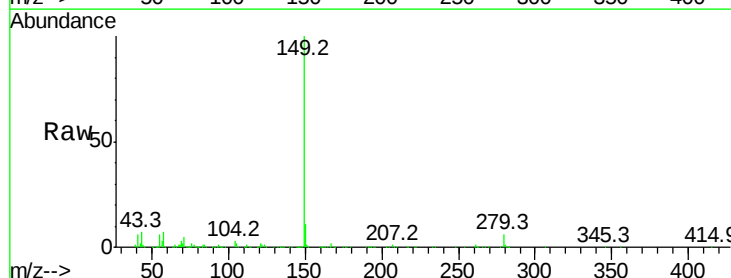
Tgt Ion:149 Resp: 840156

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

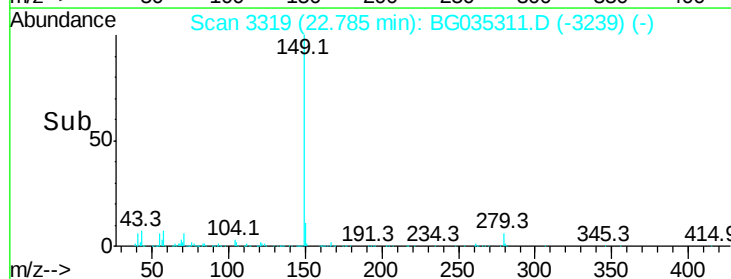
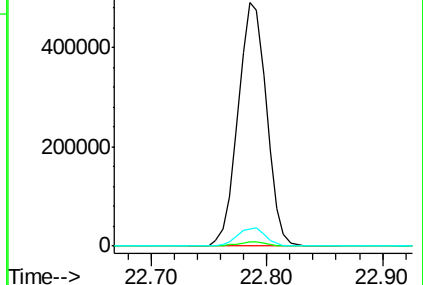
43 7.6 8.9 13.3#

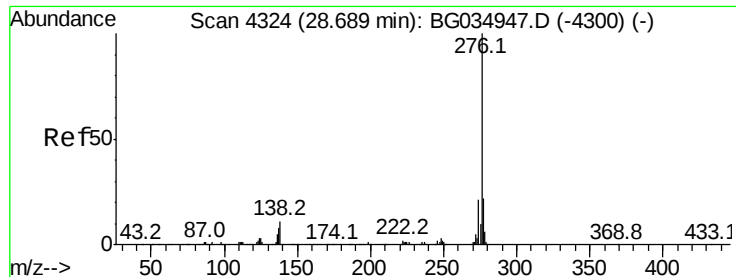


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

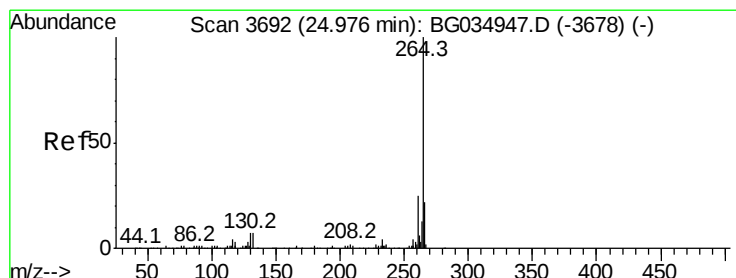
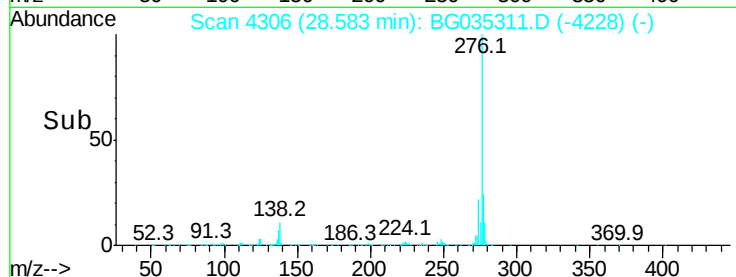
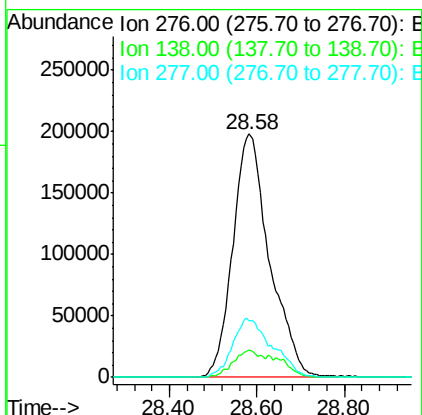
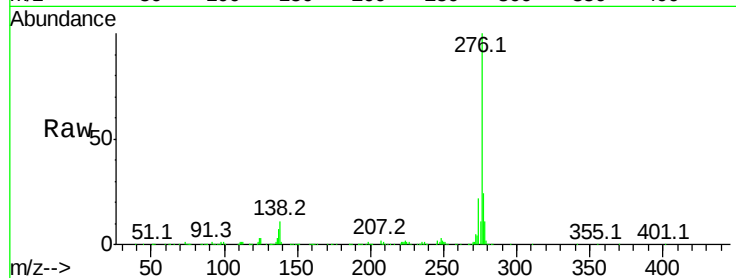




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.003 ng
 RT: 28.58 min Scan# 4306
 Delta R.T. -0.07 min
 Lab File: BG035311.D
 Acq: 21 Jun 2018 22:31

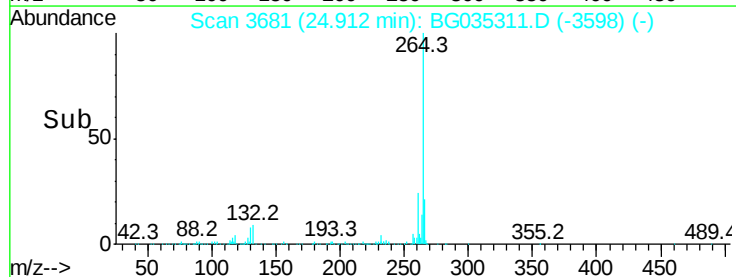
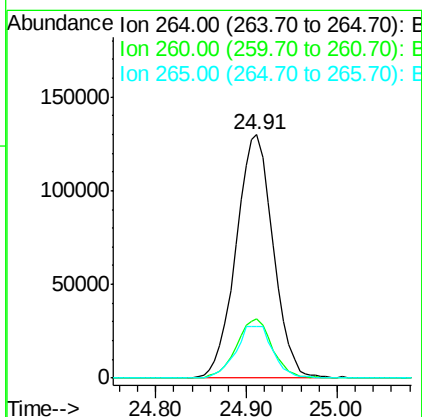
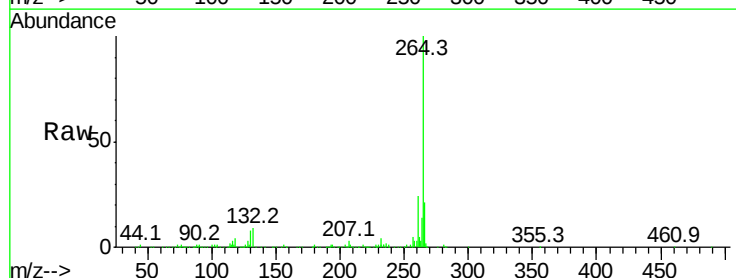
Instrument :
 BNA_G
 ClientSampled :

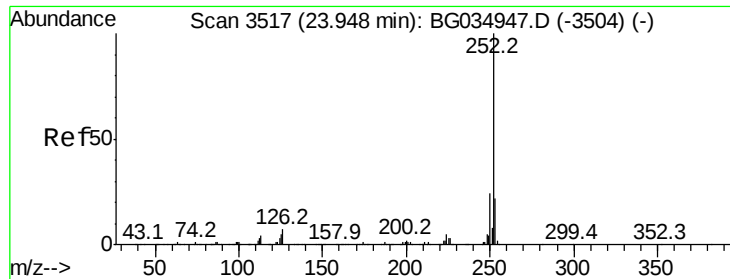
Tot Ion:276 Resp: 1127253
 Ion Ratio Lower Upper
 276 100
 138 8.7 16.0 24.0#
 277 26.3 20.0 30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.91 min Scan# 3681
 Delta R.T. -0.04 min
 Lab File: BG035311.D
 Acq: 21 Jun 2018 22:31

Tgt Ion:264 Resp: 368309
 Ion Ratio Lower Upper
 264 100
 260 24.4 17.4 26.0
 265 21.1 17.7 26.5





#87

Benzo(b)fluoranthene

Concen: 44.441 ng

RT: 23.89 min Scan# 3507

Delta R.T. -0.04 min

Lab File: BG035311.D

Acq: 21 Jun 2018 22:31

Instrument :

BNA_G

ClientSampleId :

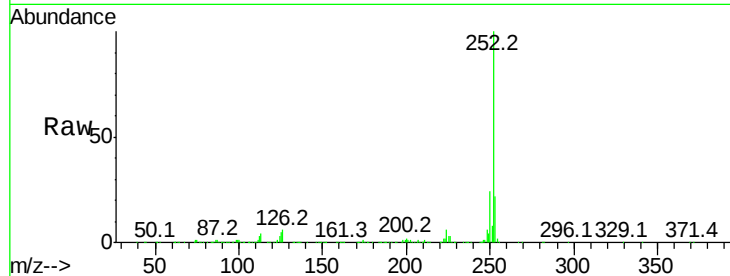
Tot Ion:252 Resp: 1007968

Ion Ratio Lower Upper

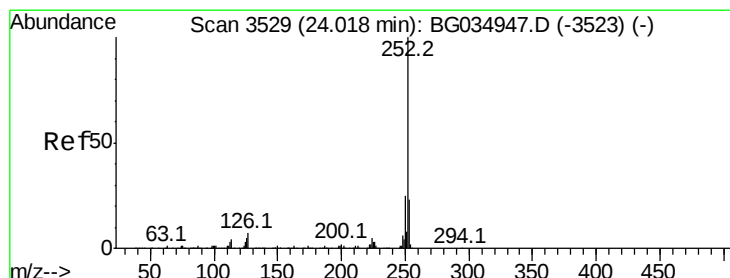
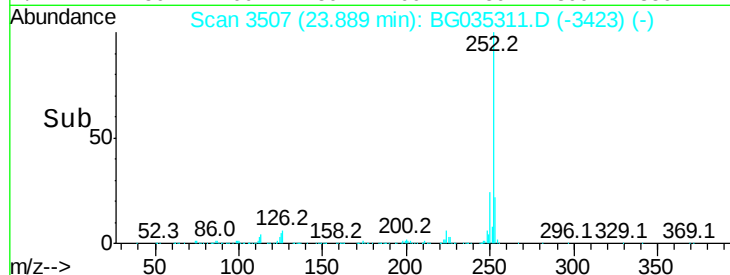
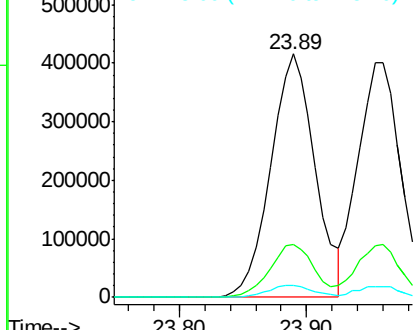
252 100

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: 41.977 ng

RT: 23.95 min Scan# 3518

Delta R.T. -0.04 min

Lab File: BG035311.D

Acq: 21 Jun 2018 22:31

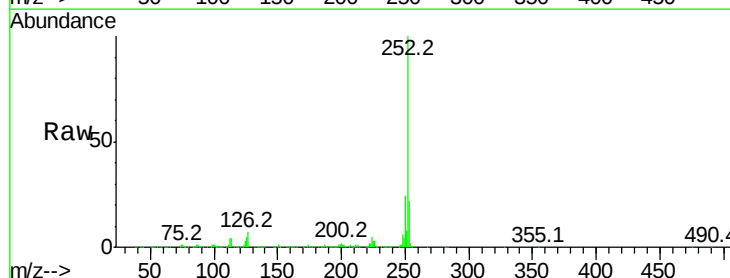
Tgt Ion:252 Resp: 931363

Ion Ratio Lower Upper

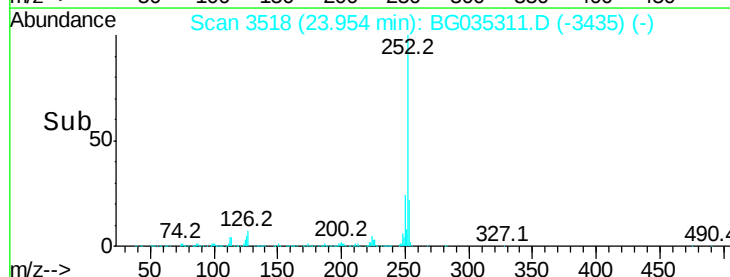
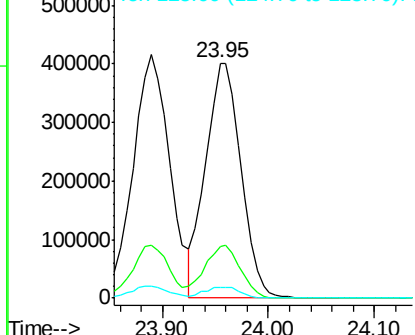
252 100

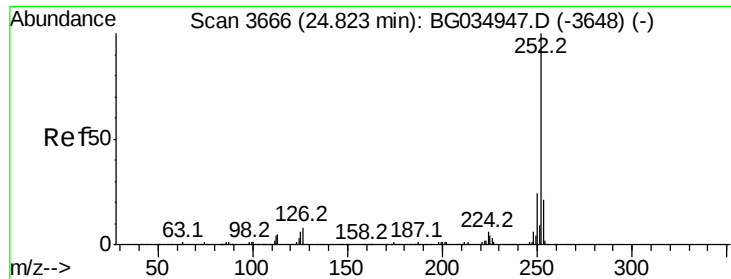
253 21.9 17.4 26.2

125 4.6 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: 45.169 ng

RT: 24.76 min Scan# 3655

Delta R.T. -0.05 min

Lab File: BG035311.D

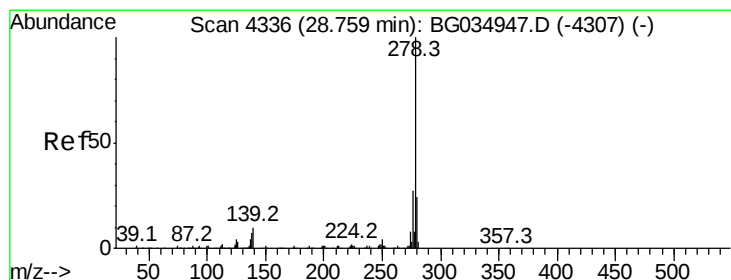
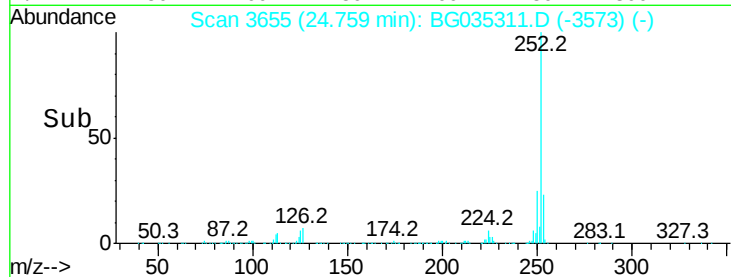
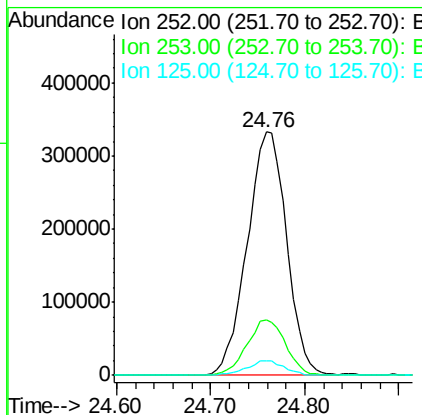
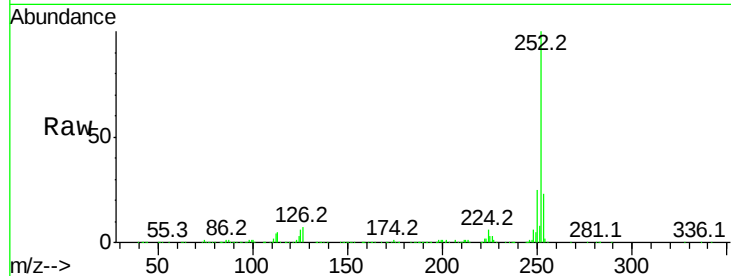
Acq: 21 Jun 2018 22:31

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	252	Resp:	964020
Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.3	27.5
125	5.8	7.3	10.9#



#90

Dibenzo(a,h)anthracene

Concen: 43.815 ng

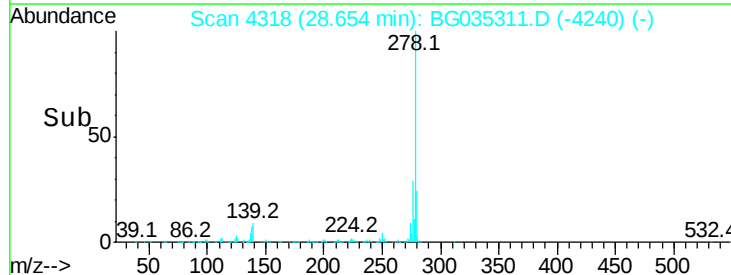
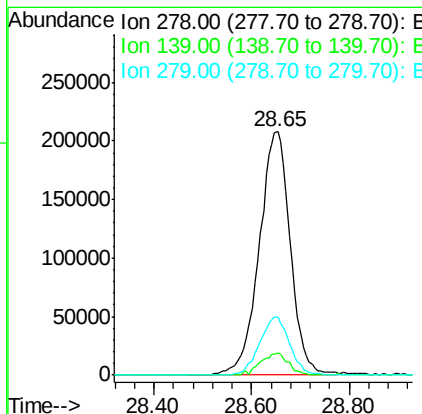
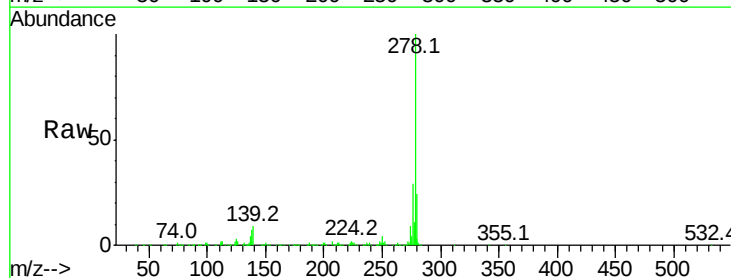
RT: 28.65 min Scan# 4318

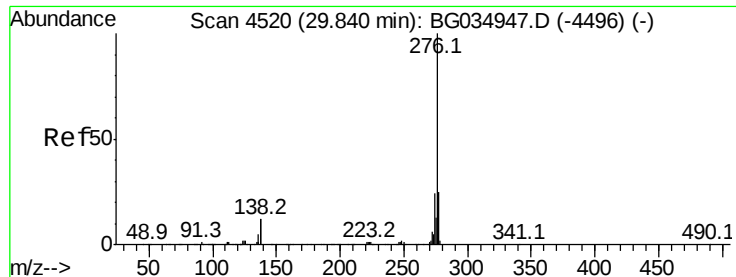
Delta R.T. -0.07 min

Lab File: BG035311.D

Acq: 21 Jun 2018 22:31

Tgt Ion:	278	Resp:	923128
Ion	Ratio	Lower	Upper
278	100		
139	9.3	9.8	14.6#
279	23.9	18.4	27.6

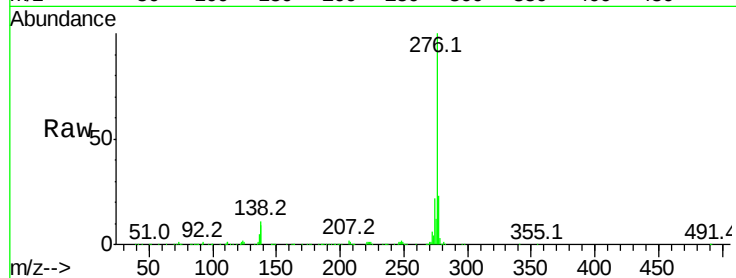




#91
 Benzo(a,h,i)perylene
 Concen: 46.138 ng
 RT: 29.74 min Scan# 4503
 Delta R.T. -0.07 min
 Lab File: BG035311.D
 Acq: 21 Jun 2018 22:31

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.8	18.3	27.5
138	10.6	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

