

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062618\
 Data File : BG035417.D
 Acq On : 26 Jun 2018 19:34
 Operator : JU/SJ
 Sample : J3665-02MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 27 02:54:22 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	53147	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	192456	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	136065	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	351759	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	361058	20.00	ng	-0.03
86) Perylene-d12	24.90	264	358635	20.00	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.63	112	455334	144.58	ng	-0.01
7) Phenol-d6	7.22	99	667735	143.66	ng	0.00
23) Nitrobenzene-d5	9.21	82	425704	105.14	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	299941	172.20	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	883740	84.43	ng	-0.03
78) Terphenyl-d14	20.02	244	1482904	86.03	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.55	88	48573	32.327	ng	# 76
3) Pyridine	3.94	79	147995	36.504	ng	# 73
4) n-Nitrosodimethylamine	3.86	42	62786	36.049	ng	# 68
6) Aniline	7.38	93	219584	36.547	ng	97
8) 2-Chlorophenol	7.62	128	144966	43.915	ng	96
9) Benzaldehyde	7.19	77	110831	30.956	ng	96
10) Phenol	7.24	94	228055	47.410	ng	93
11) bis(2-Chloroethyl)ether	7.47	93	149359	40.005	ng	88
12) 1,3-Dichlorobenzene	7.94	146	166941	42.385	ng	96
13) 1,4-Dichlorobenzene	8.09	146	167550	41.209	ng	95
14) 1,2-Dichlorobenzene	8.40	146	162639	42.586	ng	94
15) Benzyl Alcohol	8.29	79	175283	39.798	ng	90
16) 2,2'-oxybis(1-Chloropropan	8.57	45	162722	43.790	ng	76
17) 2-Methylphenol	8.49	107	147996	46.666	ng	95
18) Hexachloroethane	9.14	117	58645	40.289	ng	91
19) n-Nitroso-di-n-propylamine	8.85	70	139617	35.356	ng	# 82
20) 3+4-Methylphenols	8.82	107	203926	44.861	ng	94
22) Acetophenone	8.87	105	258330	43.332	ng	# 90
24) Nitrobenzene	9.26	77	202964	48.954	ng	95
25) Isophorone	9.77	82	389322	45.544	ng	99
26) 2-Nitrophenol	9.97	139	84882	59.396	ng	# 90
27) 2,4-Dimethylphenol	10.02	122	150487	50.098	ng	87
28) bis(2-Chloroethoxy)methane	10.25	93	207251	45.117	ng	99
29) 2,4-Dichlorophenol	10.50	162	172363	52.735	ng	94
30) 1,2,4-Trichlorobenzene	10.72	180	186726	47.644	ng	99
31) Naphthalene	10.91	128	457080	45.718	ng	98
32) Benzoic acid	10.15	122	69220	34.403	ng	96
33) 4-Chloroaniline	11.01	127	120978	27.868	ng	97
34) Hexachlorobutadiene	11.19	225	143109	46.951	ng	97
35) Caprolactam	11.79	113	38895	32.199	ng	# 70
36) 4-Chloro-3-methylphenol	12.13	107	202972	49.817	ng	100
37) 2-Methylnaphthalene	12.50	142	358714	47.324	ng	93
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	245992	48.537	ng	99
40) Hexachlorocyclopentadiene	12.85	237	331895	104.429	ng	92

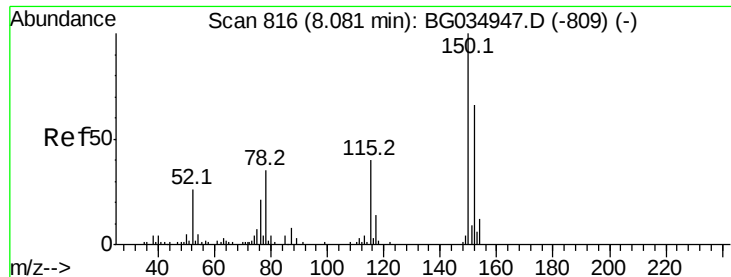
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062618\
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 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	162323	53.489	ng	98
43) 2,4,5-Trichlorophenol	13.18	196	174511	52.393	ng	97
45) 1,1'-Biphenyl	13.51	154	485638	44.387	ng	98
46) 2-Chloronaphthalene	13.56	162	381747	46.149	ng	98
47) 2-Nitroaniline	13.76	65	129832	53.152	ng	94
48) Acenaphthylene	14.40	152	626003	45.132	ng	98
49) Dimethylphthalate	14.13	163	691775	58.302	ng	98
50) 2,6-Dinitrotoluene	14.24	165	118470	54.730	ng	93
51) Acenaphthene	14.74	154	378790	41.797	ng	98
52) 3-Nitroaniline	14.57	138	86388	40.671	ng	# 91
53) 2,4-Dinitrophenol	14.78	184	132261	150.976	ng	# 67
54) Dibenzofuran	15.07	168	604368	44.527	ng	95
55) 4-Nitrophenol	14.88	139	179376	100.063	ng	# 89
56) 2,4-Dinitrotoluene	15.03	165	168930	58.749	ng	88
57) Fluorene	15.72	166	497588	43.866	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.29	232	181980	56.240	ng	91
59) Diethylphthalate	15.49	149	507369	41.912	ng	97
60) 4-Chlorophenyl-phenylether	15.71	204	293177	45.325	ng	97
61) 4-Nitroaniline	15.74	138	119655	52.528	ng	88
62) Azobenzene	16.01	77	497838	41.967	ng	94
64) 4,6-Dinitro-2-methylphenol	15.79	198	101633	63.282	ng	82
65) n-Nitrosodiphenylamine	15.92	169	451759	42.765	ng	96
66) 4-Bromophenyl-phenylether	16.60	248	198170	46.782	ng	97
67) Hexachlorobenzene	16.72	284	203114	47.109	ng	95
68) Atrazine	16.87	200	208692	46.326	ng	94
69) Pentachlorophenol	17.07	266	254447	87.764	ng	99
70) Phenanthrene	17.46	178	792655	44.360	ng	98
71) Anthracene	17.55	178	802711	44.847	ng	97
72) Carbazole	17.81	167	740671	44.600	ng	99
73) Di-n-butylphthalate	18.37	149	807842	40.812	ng	# 98
74) Fluoranthene	19.47	202	1009103	43.399	ng	95
76) Benzidine	19.64	184	655942	48.832	ng	97
77) Pyrene	19.82	202	992925	41.715	ng	98
79) Butylbenzylphthalate	20.70	149	370932	42.916	ng	# 96
80) Benzo(a)anthracene	21.66	228	1024574	44.406	ng	99
81) 3,3'-Dichlorobenzidine	21.58	252	267539	30.821	ng	# 95
82) Chrysene	21.73	228	961137	45.498	ng	99
83) Bis(2-ethylhexyl)phthalate	21.57	149	516231	42.270	ng	# 99
84) Di-n-octyl phthalate	22.78	149	891145	42.532	ng	# 92
85) Indeno(1,2,3-cd)pyrene	28.56	276	1137262	45.966	ng	# 86
87) Benzo(b)fluoranthene	23.88	252	1008732	45.674	ng	# 97
88) Benzo(k)fluoranthene	23.95	252	963191	44.583	ng	# 96
89) Benzo(a)pyrene	24.75	252	963714	46.373	ng	# 97
90) Dibenzo(a,h)anthracene	28.62	278	921733	44.929	ng	# 96
91) Benzo(g,h,i)perylene	29.72	276	952191	47.427	ng	# 93

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

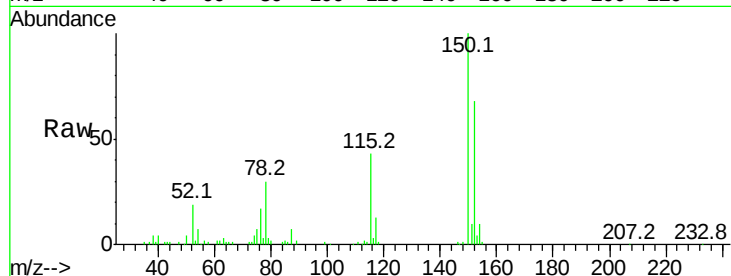


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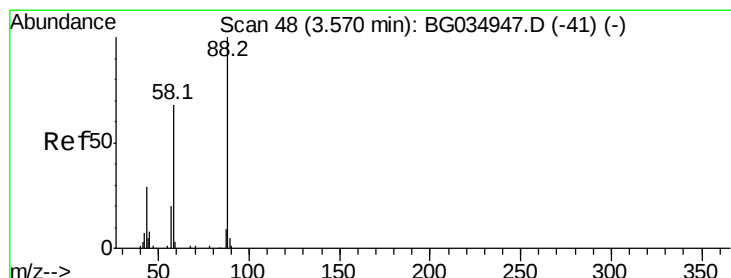
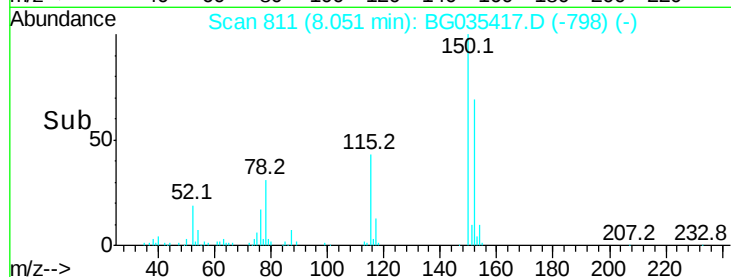
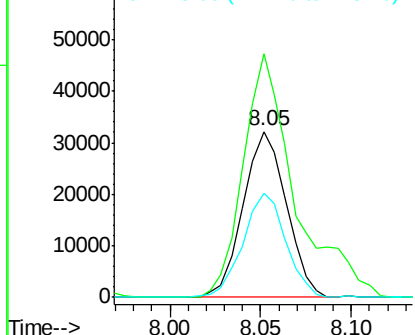
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.02 min
Lab File: BG035417.D
Acq: 26 Jun 2018 19:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 53147
Ion Ratio Lower Upper
152 100
150 146.8 126.6 189.8
115 62.8 53.0 79.4



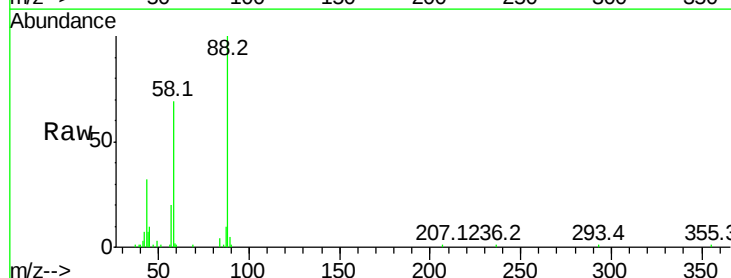
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



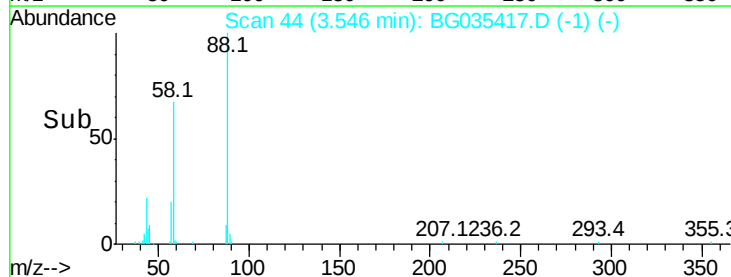
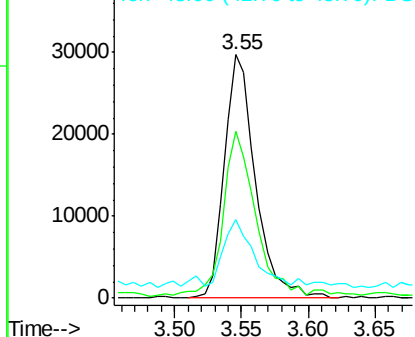
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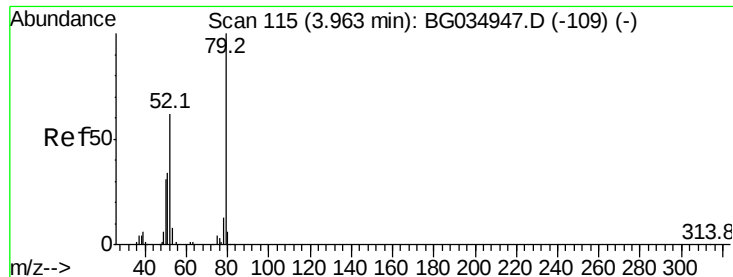
1,4-Dioxane
Concen: 32.327 ng
RT: 3.55 min Scan# 44
Delta R.T. -0.02 min
Lab File: BG035417.D
Acq: 26 Jun 2018 19:34

Tgt Ion: 88 Resp: 48573
Ion Ratio Lower Upper
88 100
58 70.5 79.6 119.4#
43 29.0 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: 36.504 ng

RT: 3.94 min Scan# 111

Delta R.T. -0.02 min

Lab File: BG035417.D

Acq: 26 Jun 2018 19:34

Instrument :

BNA_G

ClientSampleId :

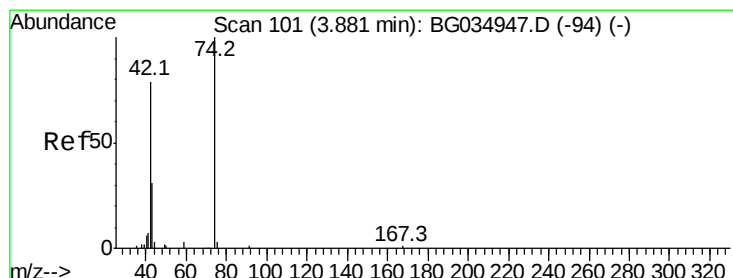
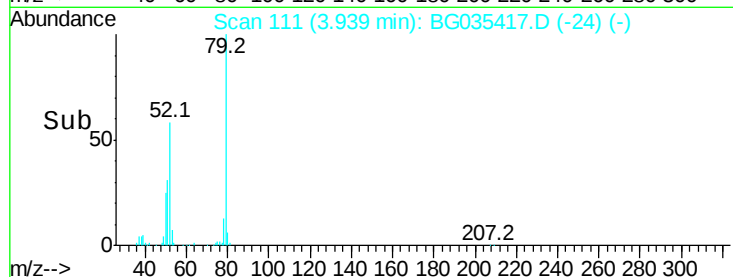
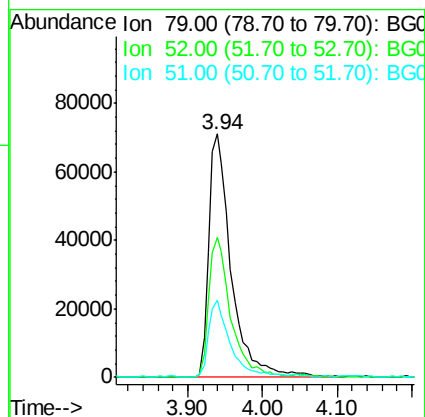
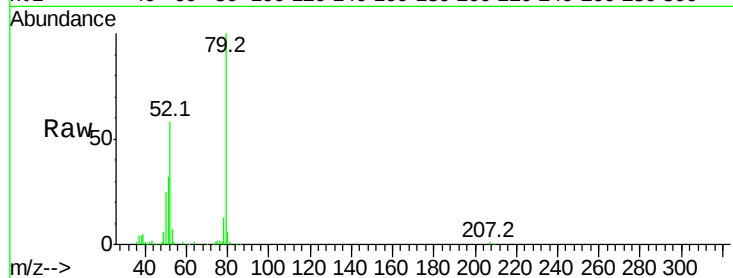
Tot Ion: 79 Resp: 147995

Ion Ratio Lower Upper

79 100

52 57.6 69.9 104.9#

51 31.5 34.0 51.0#



#4

n-Nitrosodimethylamine

Concen: 36.049 ng

RT: 3.86 min Scan# 97

Delta R.T. -0.02 min

Lab File: BG035417.D

Acq: 26 Jun 2018 19:34

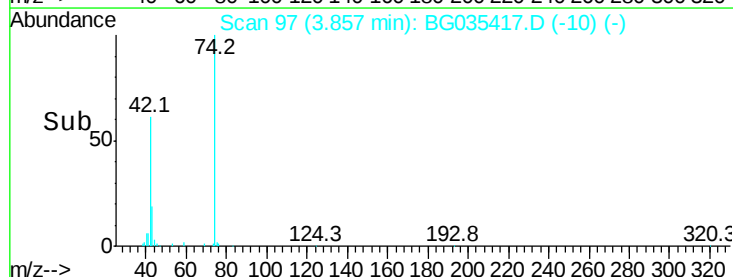
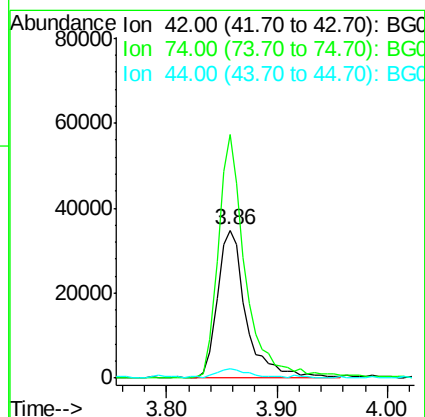
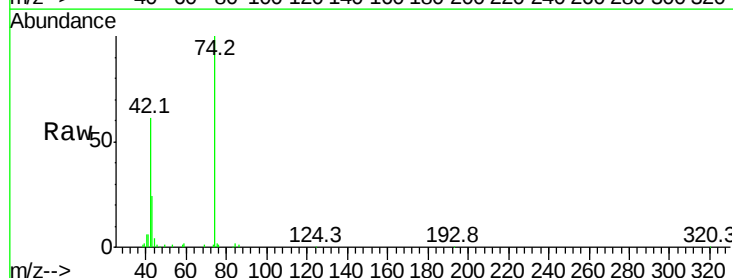
Tgt Ion: 42 Resp: 62786

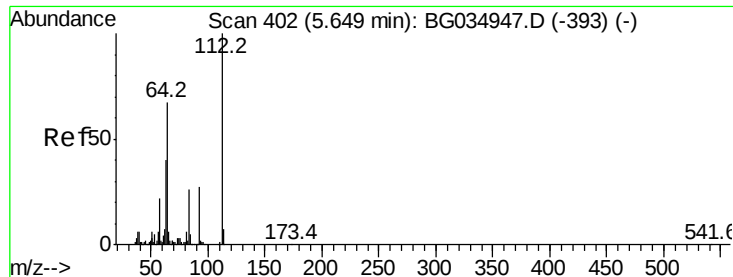
Ion Ratio Lower Upper

42 100

74 164.6 102.5 153.7#

44 6.1 18.9 28.3#





#5

2-Fluorophenol

Concen: 144.585 ng

RT: 5.63 min Scan# 399

Delta R.T. -0.01 min

Lab File: BG035417.D

Acq: 26 Jun 2018 19:34

Instrument :

BNA_G

ClientSampleId :

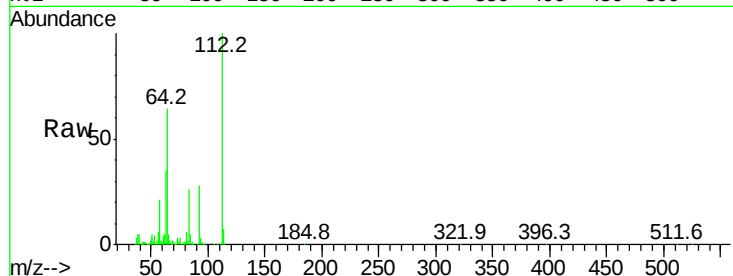
Tot Ion:112 Resp: 455334

Ion Ratio Lower Upper

112 100

64 63.8 56.3 84.5

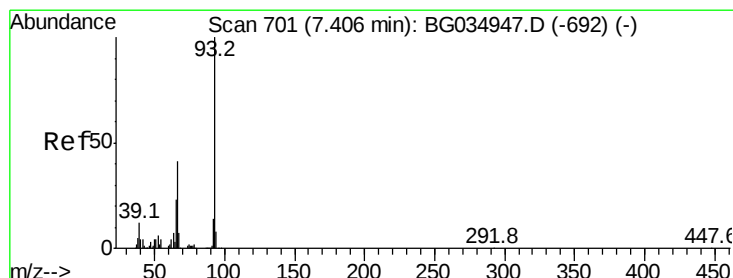
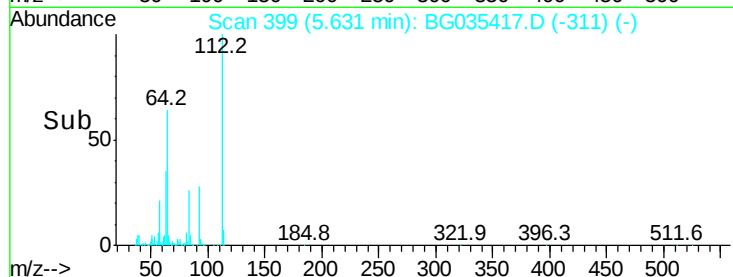
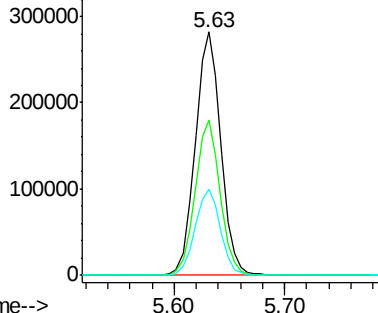
63 35.3 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 36.547 ng

RT: 7.38 min Scan# 696

Delta R.T. -0.02 min

Lab File: BG035417.D

Acq: 26 Jun 2018 19:34

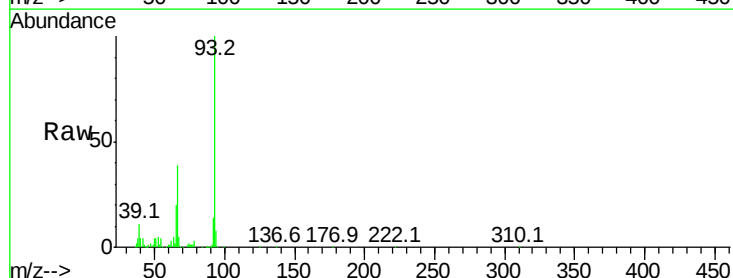
Tgt Ion: 93 Resp: 219584

Ion Ratio Lower Upper

93 100

66 39.3 33.7 50.5

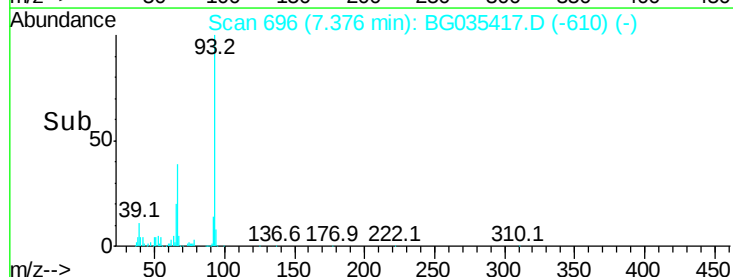
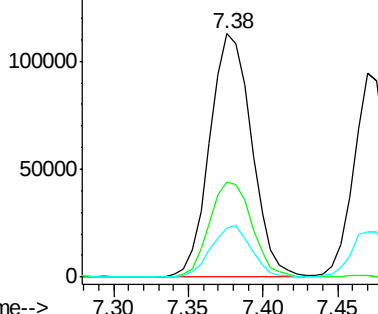
65 20.3 16.1 24.1

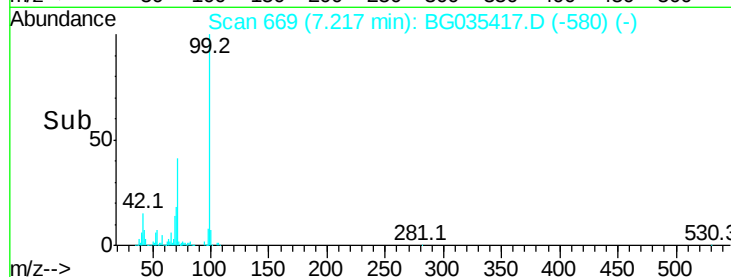
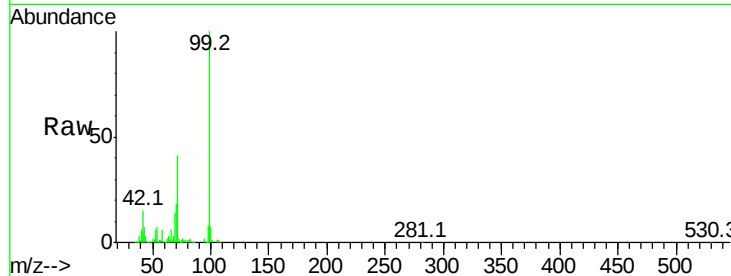
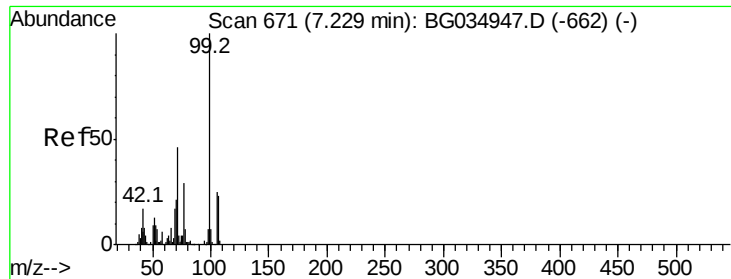


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 143.657 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG035417.D

Acq: 26 Jun 2018 19:34

Instrument :

BNA_G

ClientSampleId :

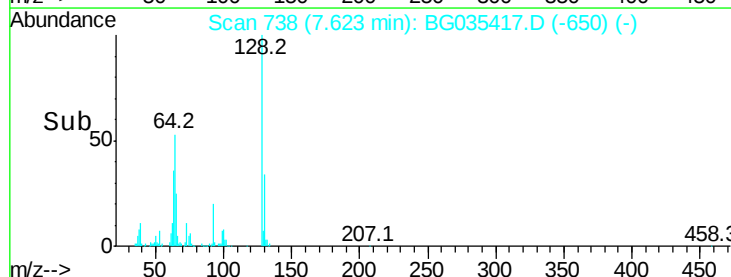
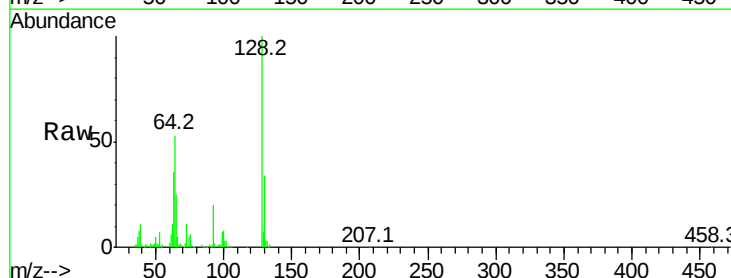
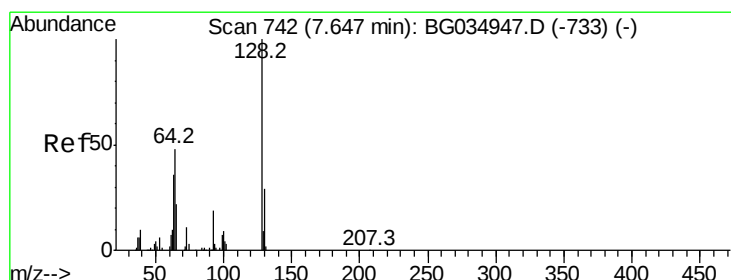
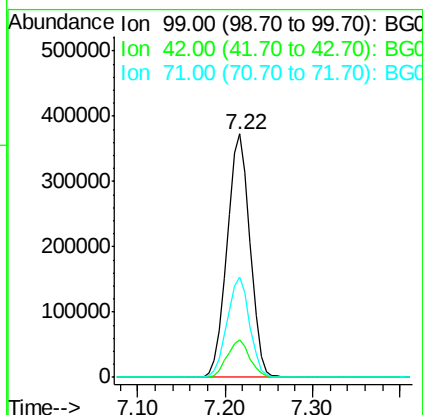
Tot Ion: 99 Resp: 667735

Ion Ratio Lower Upper

99 100

42 15.4 14.1 21.1

71 41.3 26.1 39.1#



#8

2-Chlorophenol

Concen: 43.915 ng

RT: 7.62 min Scan# 738

Delta R.T. -0.01 min

Lab File: BG035417.D

Acq: 26 Jun 2018 19:34

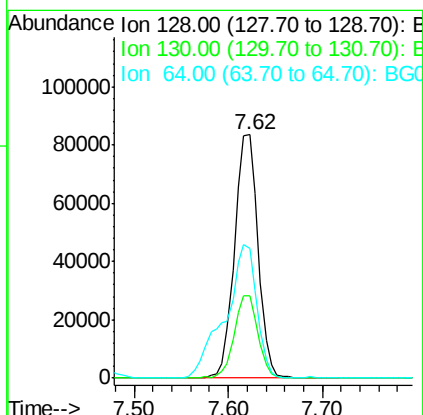
Tgt Ion:128 Resp: 144966

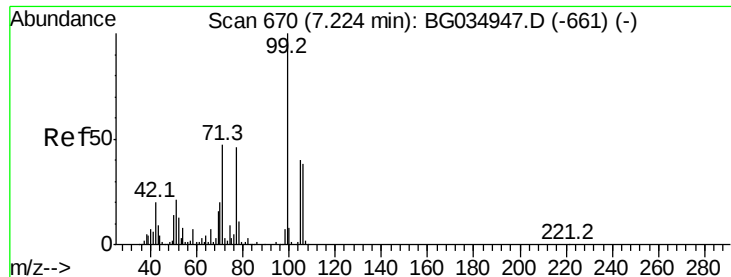
Ion Ratio Lower Upper

128 100

130 33.9 14.0 54.0

64 53.5 37.7 77.7





#9

Benzaldehyde

Concen: 30.956 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.02 min

Lab File: BG035417.D

Acq: 26 Jun 2018 19:34

Instrument :

BNA_G

ClientSampled :

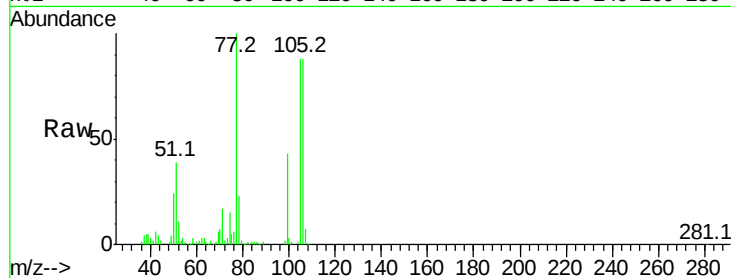
Tot Ion: 77 Resp: 110831

Ion Ratio Lower Upper

77 100

105 88.5 71.3 111.3

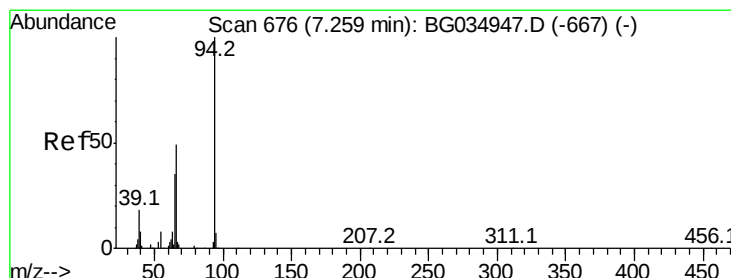
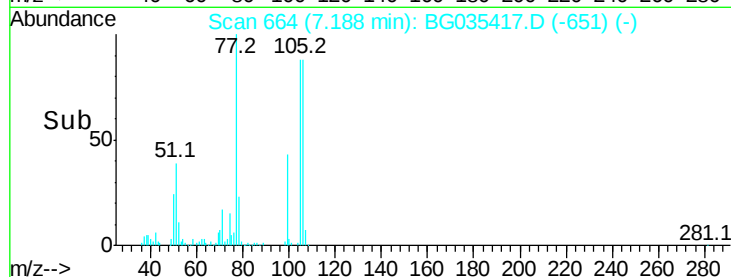
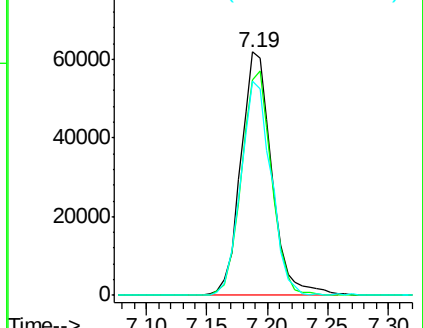
106 88.1 64.2 104.2



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 47.410 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG035417.D

Acq: 26 Jun 2018 19:34

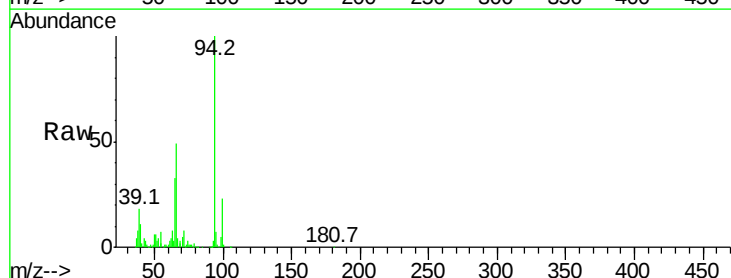
Tgt Ion: 94 Resp: 228055

Ion Ratio Lower Upper

94 100

65 32.9 11.9 51.9

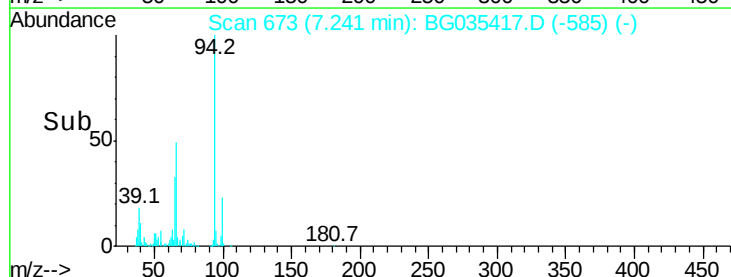
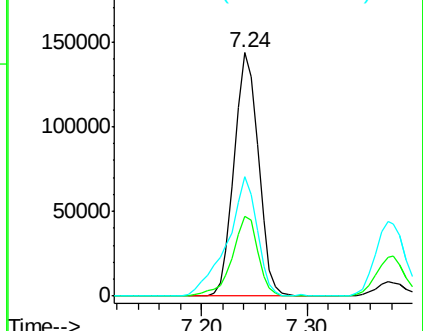
66 49.2 22.2 62.2

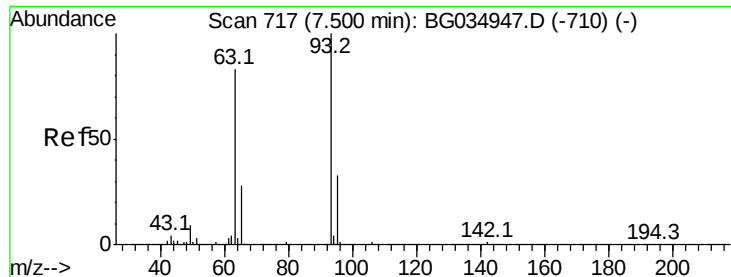


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 40.005 ng

RT: 7.47 min Scan# 712

Delta R.T. -0.02 min

Lab File: BG035417.D

Acq: 26 Jun 2018 19:34

Instrument :

BNA_G

ClientSampleId :

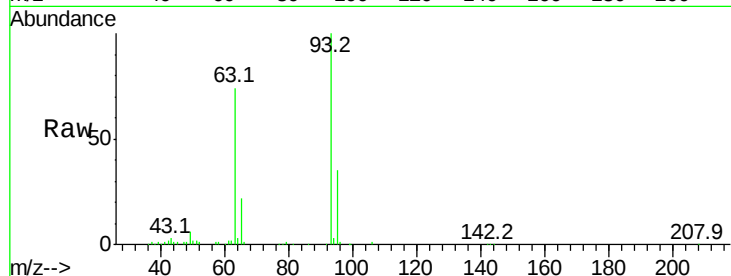
Tot Ion: 93 Resp: 149359

Ion Ratio Lower Upper

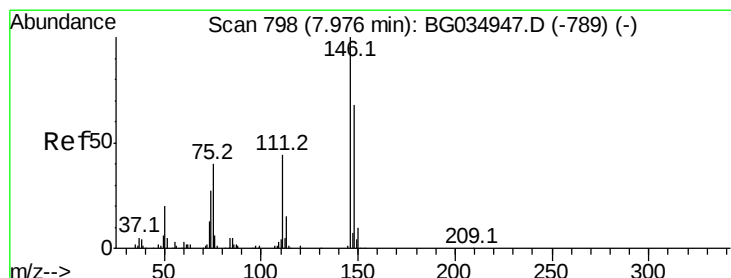
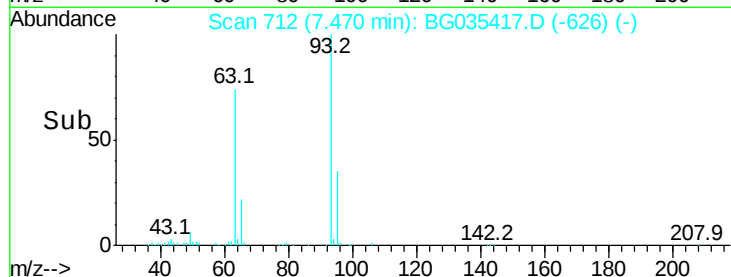
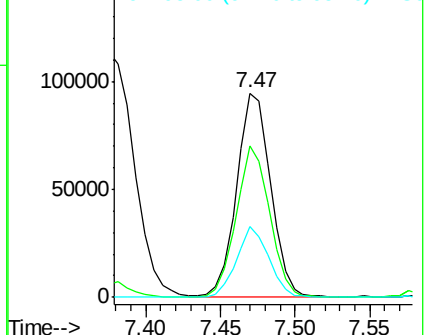
93 100

63 74.2 67.1 107.1

95 34.5 11.5 51.5



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 42.385 ng

RT: 7.94 min Scan# 792

Delta R.T. -0.02 min

Lab File: BG035417.D

Acq: 26 Jun 2018 19:34

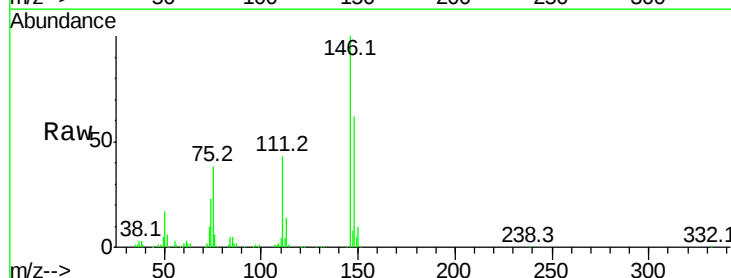
Tgt Ion:146 Resp: 166941

Ion Ratio Lower Upper

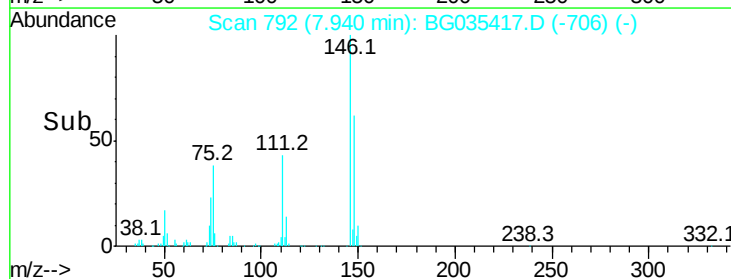
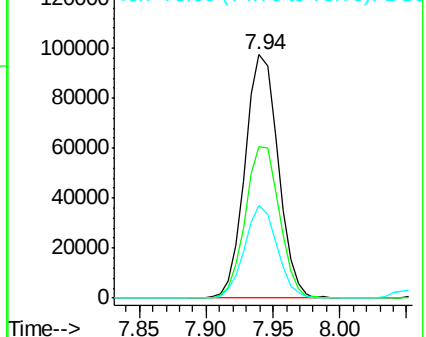
146 100

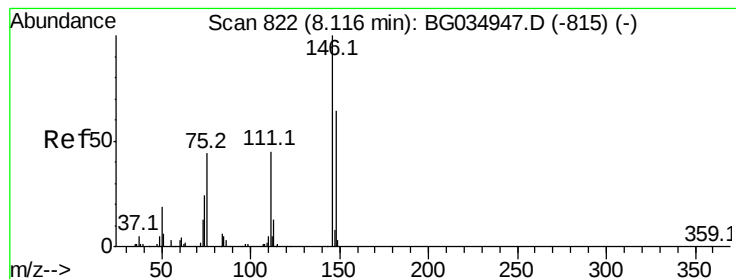
148 62.4 51.4 77.2

75 37.8 26.6 39.8



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC





#13

1,4-Dichlorobenzene

Concen: 41.209 ng

RT: 8.09 min Scan# 817

Delta R.T. -0.02 min

Lab File: BG035417.D

Acq: 26 Jun 2018 19:34

Instrument :

BNA_G

ClientSampleId :

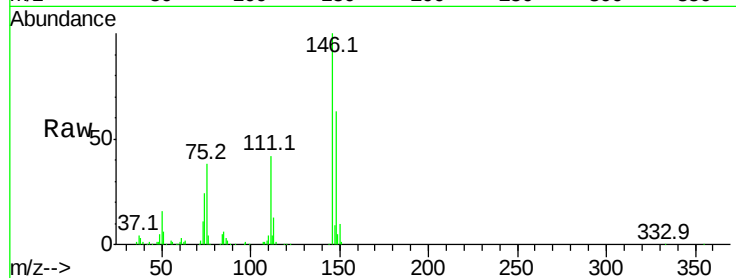
Tot Ion:146 Resp: 167550

Ion Ratio Lower Upper

146 100

148 62.9 53.7 80.5

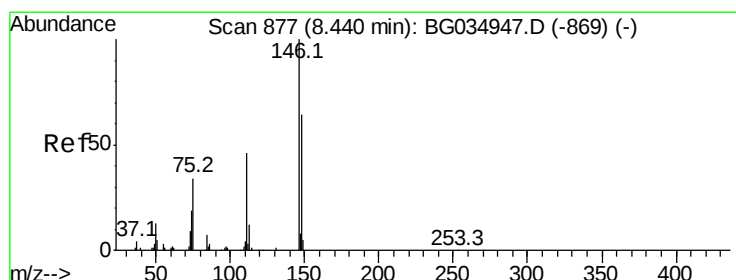
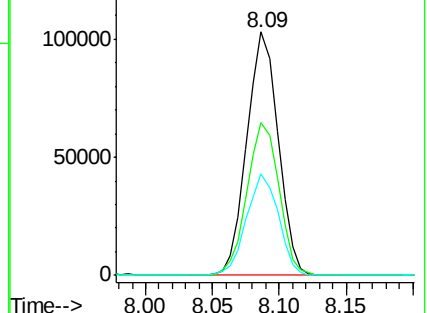
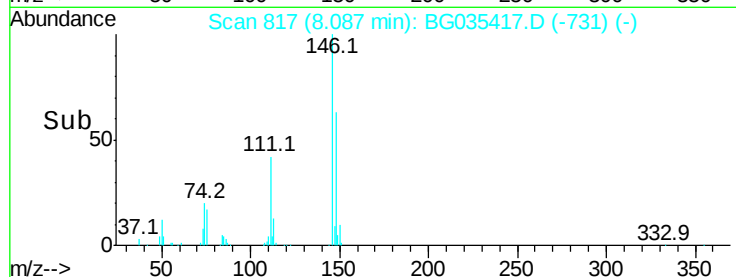
111 41.6 35.2 52.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.586 ng

RT: 8.40 min Scan# 871

Delta R.T. -0.03 min

Lab File: BG035417.D

Acq: 26 Jun 2018 19:34

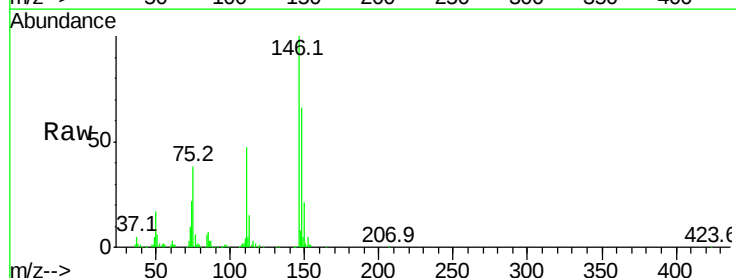
Tgt Ion:146 Resp: 162639

Ion Ratio Lower Upper

146 100

148 65.9 49.3 73.9

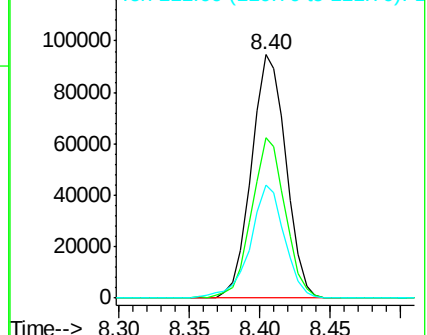
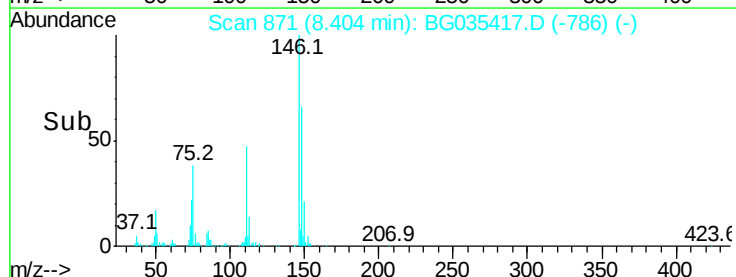
111 46.5 34.3 51.5

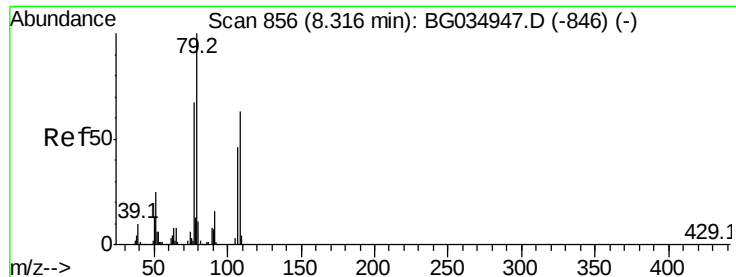


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.798 ng

RT: 8.29 min Scan# 851

Delta R.T. -0.02 min

Lab File: BG035417.D

Acq: 26 Jun 2018 19:34

Instrument :

BNA_G

ClientSampled :

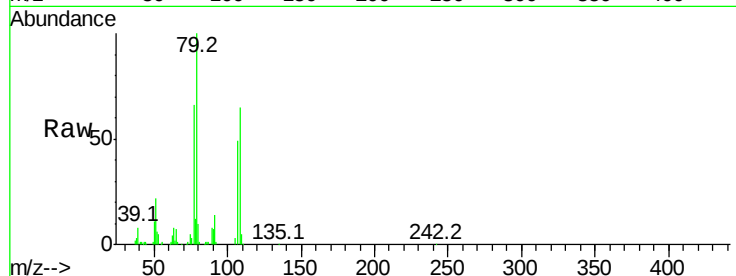
Tot Ion: 79 Resp: 175283

Ion Ratio Lower Upper

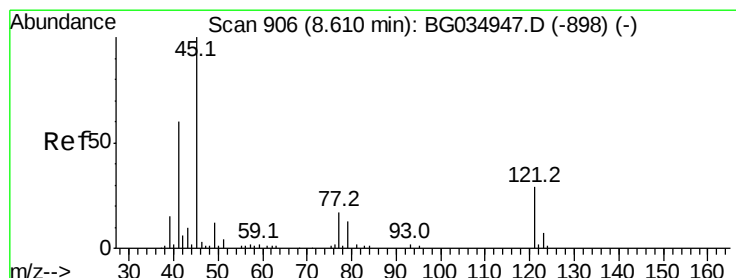
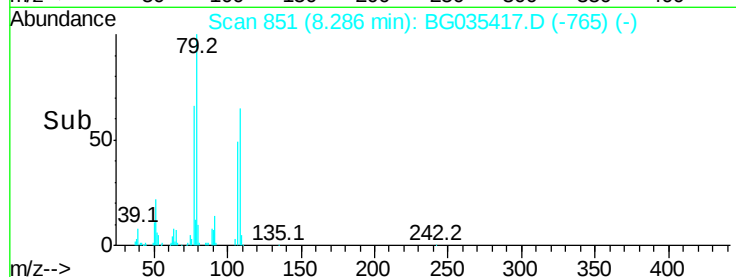
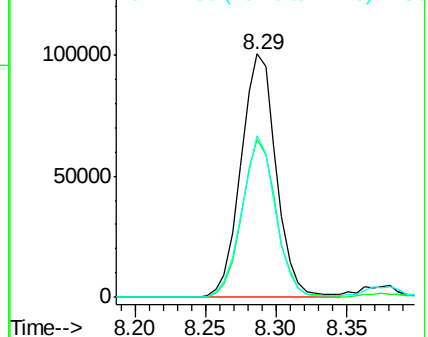
79 100

108 64.7 57.2 85.8

77 66.5 46.1 69.1



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.790 ng

RT: 8.57 min Scan# 900

Delta R.T. -0.03 min

Lab File: BG035417.D

Acq: 26 Jun 2018 19:34

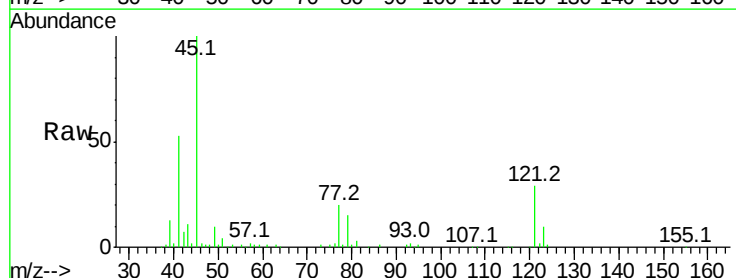
Tgt Ion: 45 Resp: 162722

Ion Ratio Lower Upper

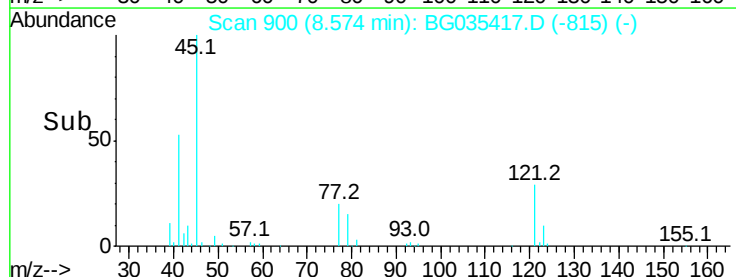
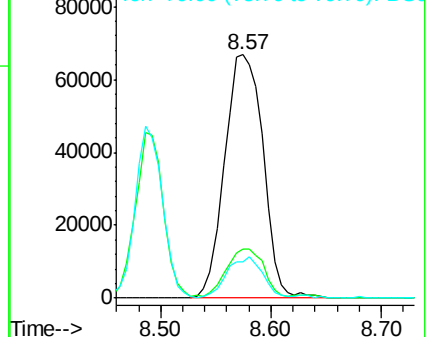
45 100

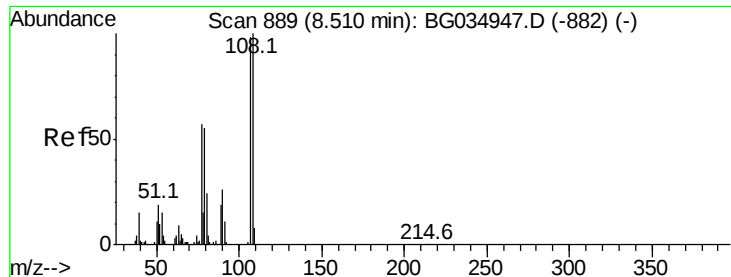
77 20.1 0.0 30.2

79 14.9 0.0 27.9



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 46.666 ng

RT: 8.49 min Scan# 886

Delta R.T. -0.01 min

Lab File: BG035417.D

Acq: 26 Jun 2018 19:34

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 147996

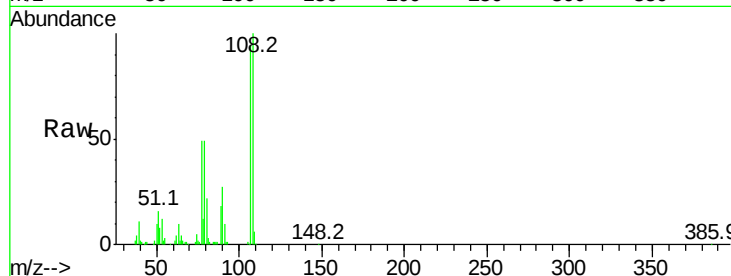
Ion Ratio Lower Upper

107 100

108 106.0 83.9 125.9

77 52.3 37.2 55.8

79 51.5 36.2 54.2

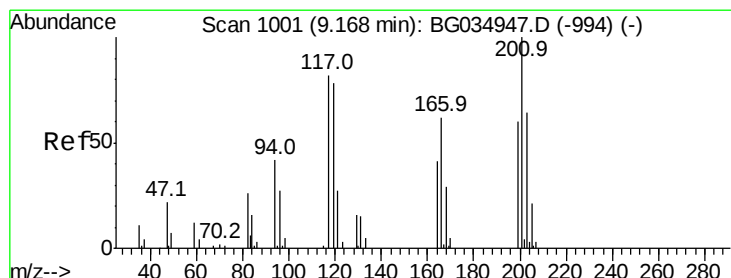
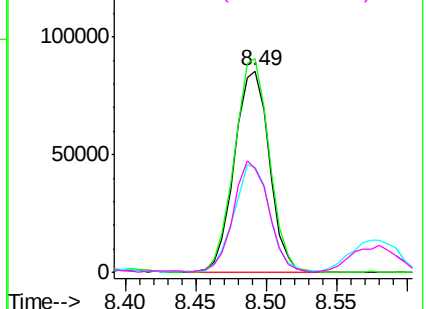
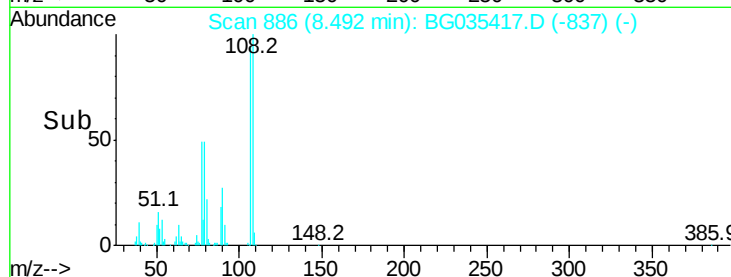


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.289 ng

RT: 9.14 min Scan# 996

Delta R.T. -0.02 min

Lab File: BG035417.D

Acq: 26 Jun 2018 19:34

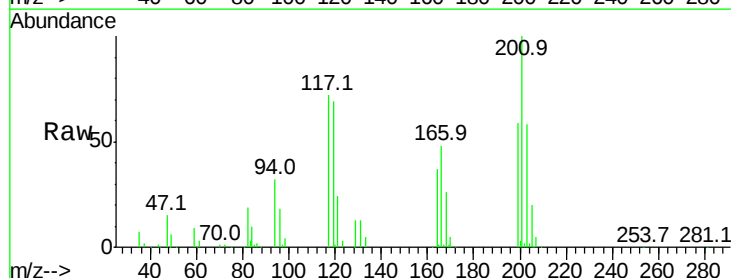
Tgt Ion:117 Resp: 58645

Ion Ratio Lower Upper

117 100

119 96.0 76.7 115.1

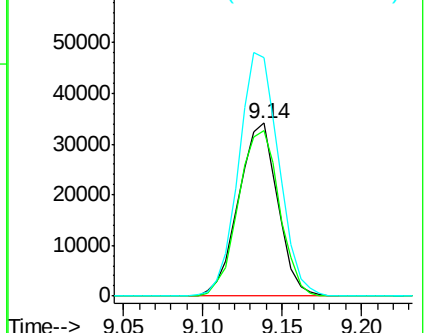
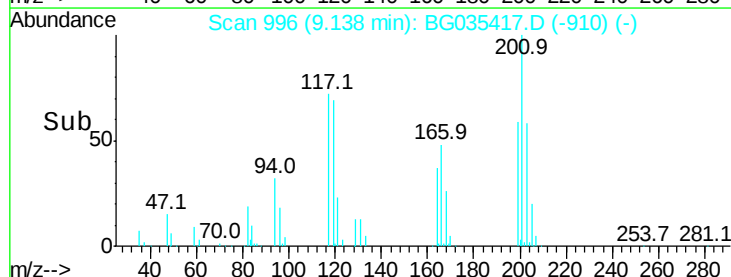
201 138.2 95.7 143.5

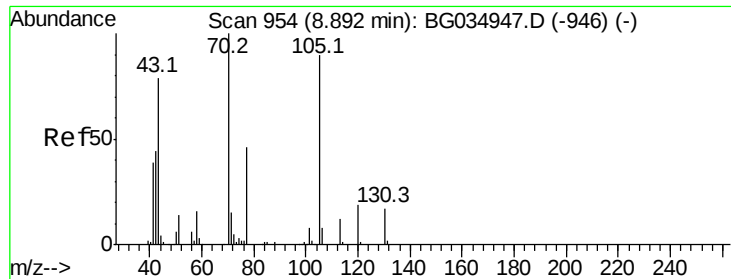


Abundance Ion 117.00 (116.70 to 117.70): E

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: 35.356 ng

RT: 8.85 min Scan# 947

Delta R.T. -0.03 min

Lab File: BG035417.D

Acq: 26 Jun 2018 19:34

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 139617

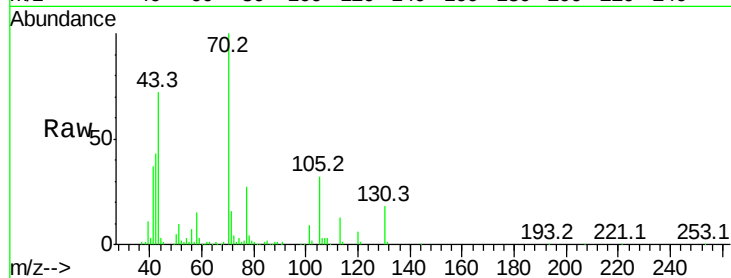
Ion Ratio Lower Upper

70 100

42 43.2 49.1 73.7#

101 8.7 8.5 12.7

130 18.5 13.4 20.0

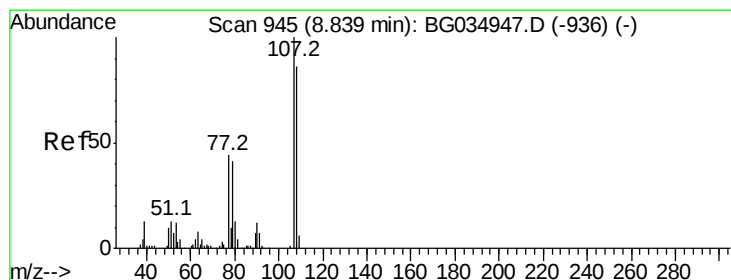
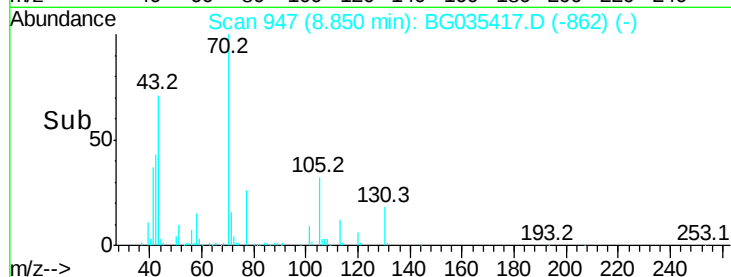
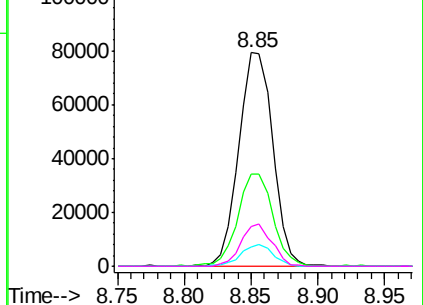


Abundance Ion 70.00 (69.70 to 70.70): BGC

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: 44.861 ng

RT: 8.82 min Scan# 941

Delta R.T. -0.02 min

Lab File: BG035417.D

Acq: 26 Jun 2018 19:34

Tgt Ion: 107 Resp: 203926

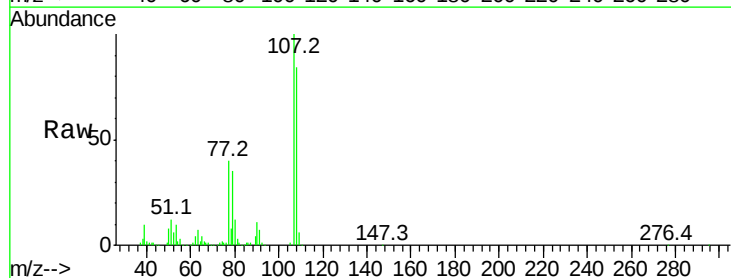
Ion Ratio Lower Upper

107 100

108 84.2 61.6 101.6

77 40.2 13.9 53.9

79 34.7 8.8 48.8

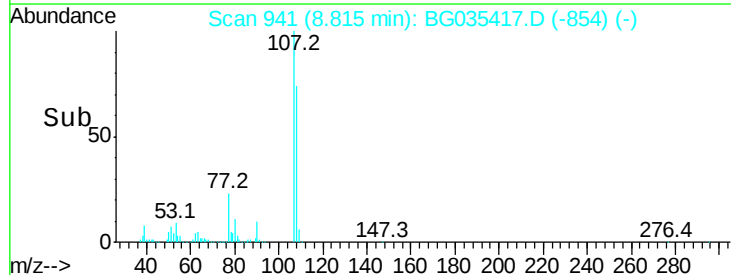
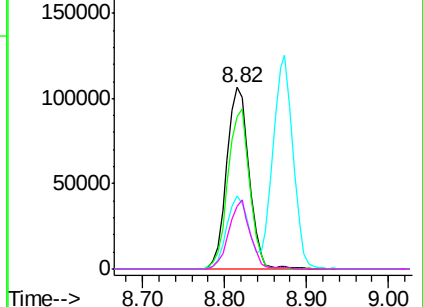


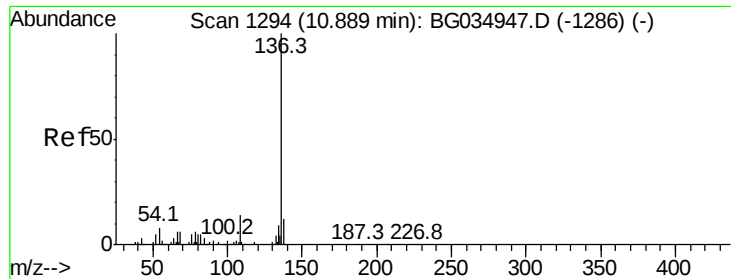
Abundance Ion 107.00 (106.70 to 107.70): BGC

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

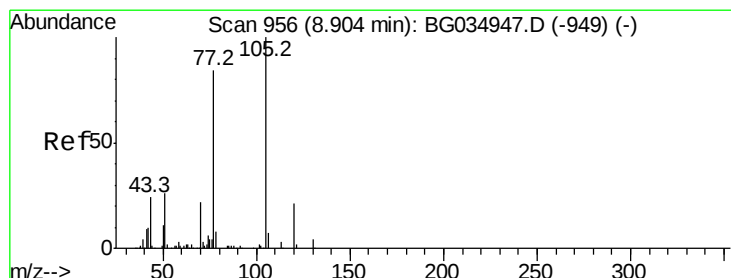
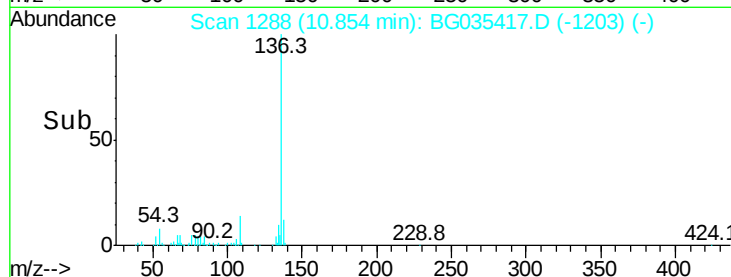
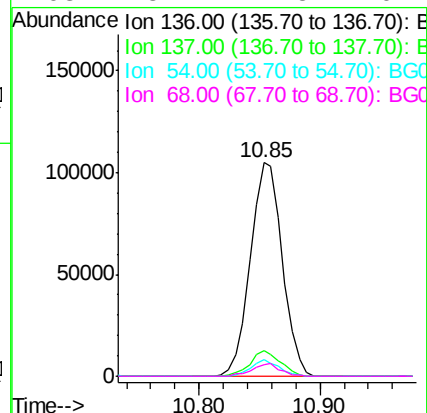
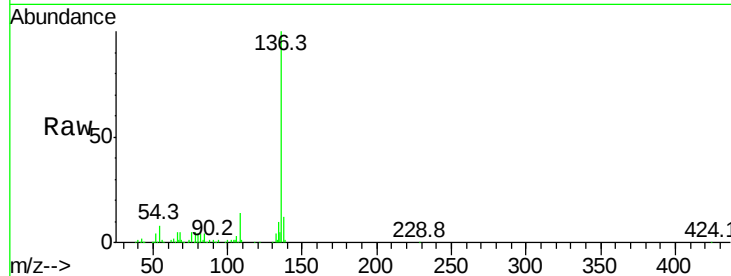




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1288
Delta R.T. -0.03 min
Lab File: BG035417.D
Acq: 26 Jun 2018 19:34

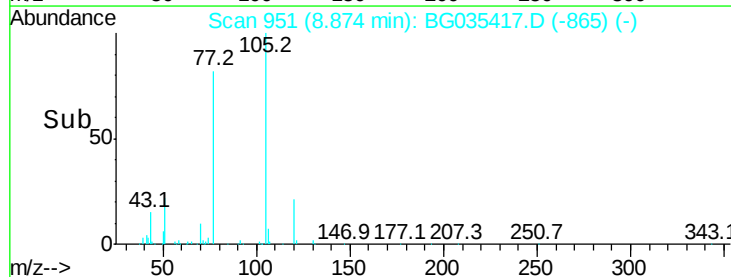
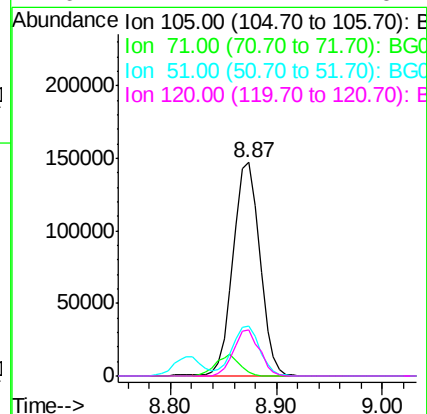
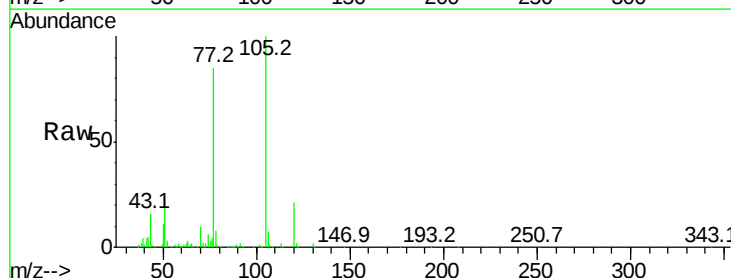
Instrument :
BNA_G
ClientSampleId :

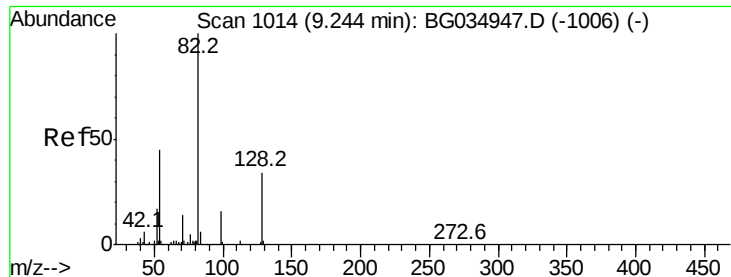
Tot Ion:136	Resp:	192456
Ion Ratio	Lower	Upper
136	100	
137	11.8	9.2 13.8
54	7.5	10.3 15.5#
68	5.4	4.5 6.7



#22
Acetophenone
Concen: 43.332 ng
RT: 8.87 min Scan# 951
Delta R.T. -0.02 min
Lab File: BG035417.D
Acq: 26 Jun 2018 19:34

Tgt Ion:105	Resp:	258330
Ion Ratio	Lower	Upper
105	100	
71	2.1	3.0 4.4#
51	23.3	26.1 39.1#
120	21.4	17.4 26.2

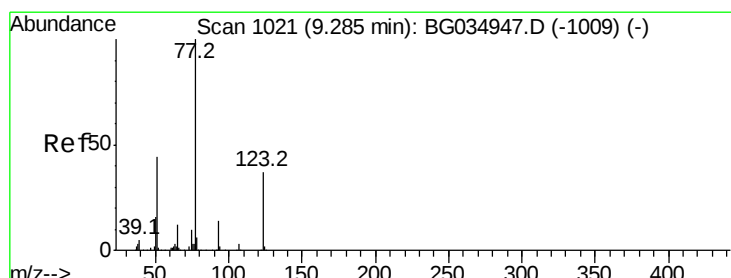
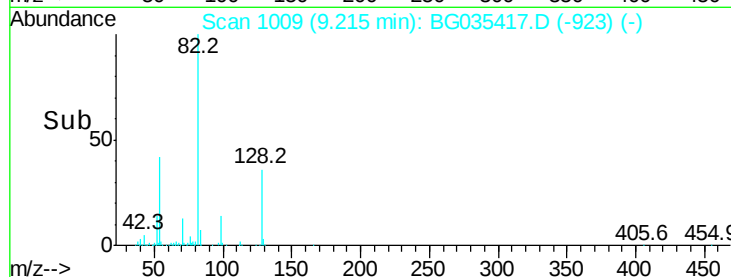
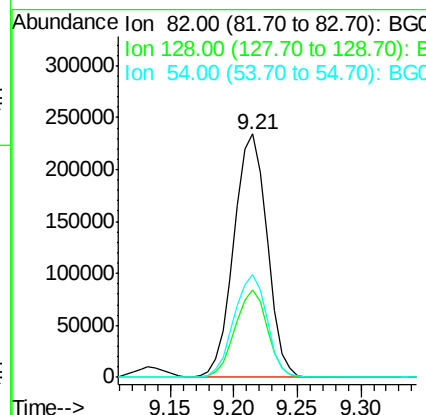
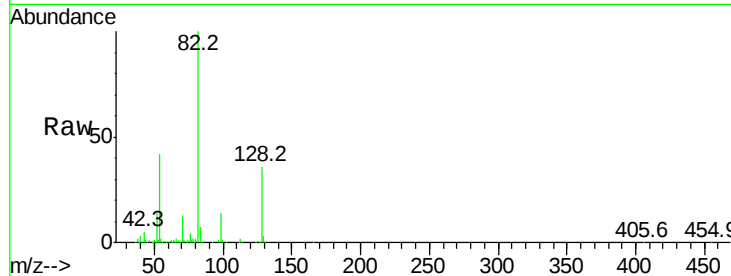




#23
 Nitrobenzene-d5
 Concen: 105.144 ng
 RT: 9.21 min Scan# 1009
 Delta R.T. -0.02 min
 Lab File: BG035417.D
 Acq: 26 Jun 2018 19:34

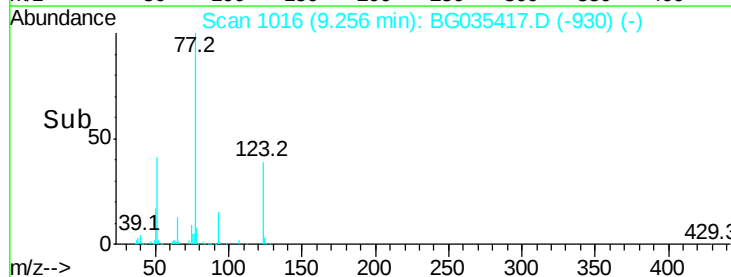
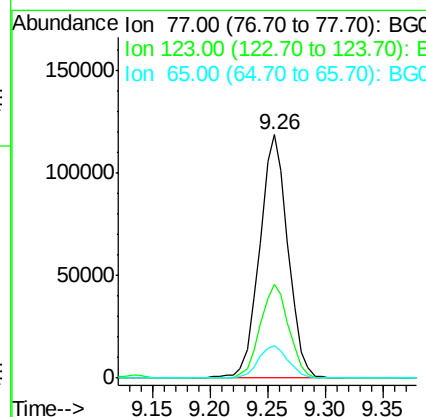
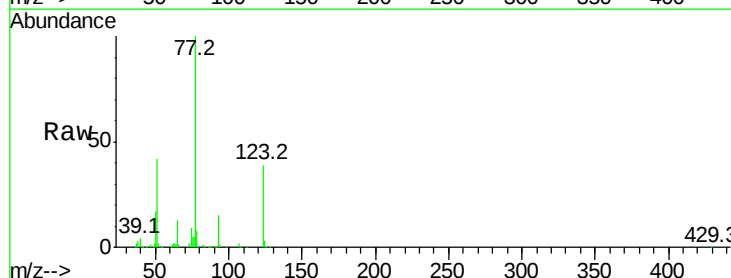
Instrument :
 BNA_G
 ClientSampleId :

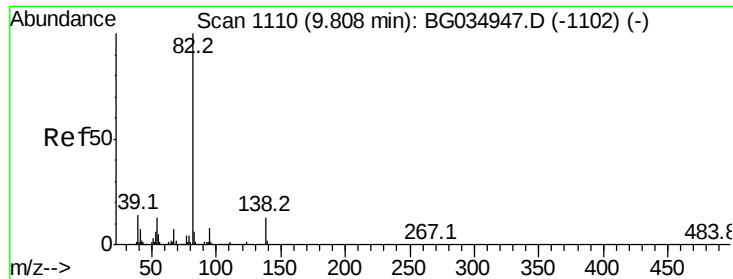
Tot Ion: 82 Resp: 425704
 Ion Ratio Lower Upper
 82 100
 128 35.7 29.7 44.5
 54 42.2 43.1 64.7#



#24
 Nitrobenzene
 Concen: 48.954 ng
 RT: 9.26 min Scan# 1016
 Delta R.T. -0.02 min
 Lab File: BG035417.D
 Acq: 26 Jun 2018 19:34

Tgt Ion: 77 Resp: 202964
 Ion Ratio Lower Upper
 77 100
 123 38.7 33.0 49.6
 65 13.3 13.0 19.6





#25

Isophorone

Concen: 45.544 ng

RT: 9.77 min Scan# 1104

Delta R.T. -0.03 min

Lab File: BG035417.D

Acq: 26 Jun 2018 19:34

Instrument :

BNA_G

ClientSampleId :

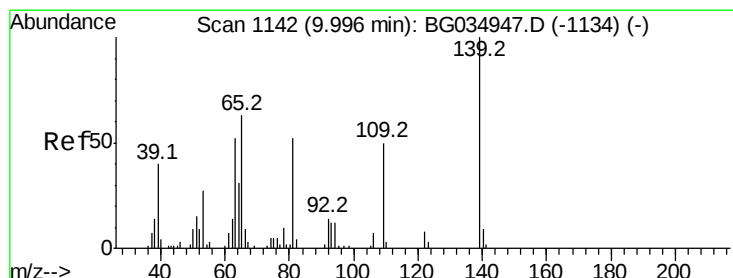
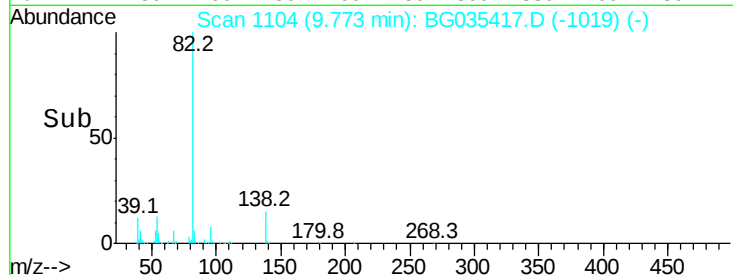
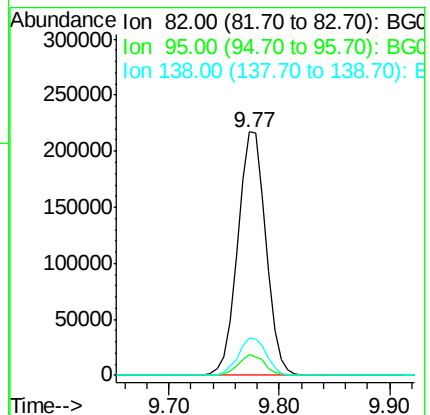
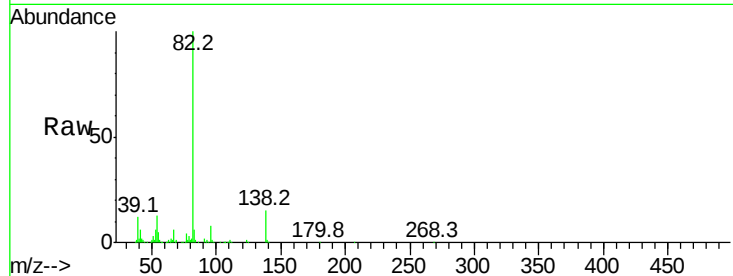
Tot Ion: 82 Resp: 389322

Ion Ratio Lower Upper

82 100

95 8.4 6.2 9.2

138 15.5 12.1 18.1



#26

2-Nitrophenol

Concen: 59.396 ng

RT: 9.97 min Scan# 1137

Delta R.T. -0.02 min

Lab File: BG035417.D

Acq: 26 Jun 2018 19:34

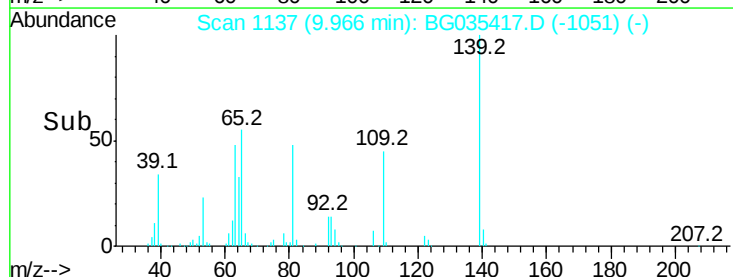
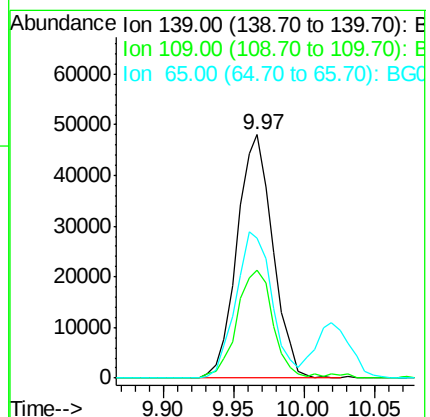
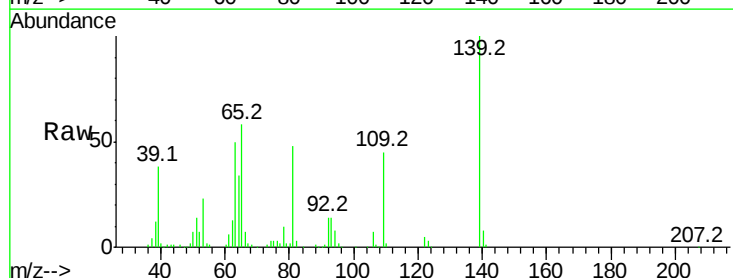
Tgt Ion: 139 Resp: 84882

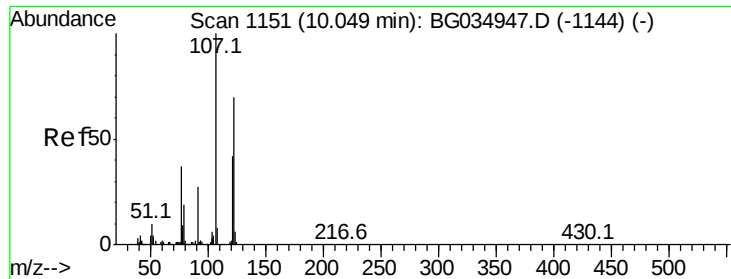
Ion Ratio Lower Upper

139 100

109 44.6 24.2 36.2#

65 57.6 47.4 71.0

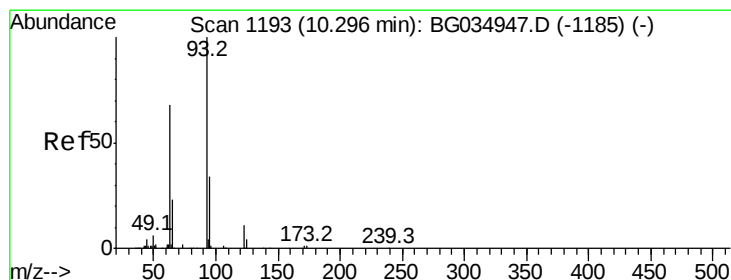
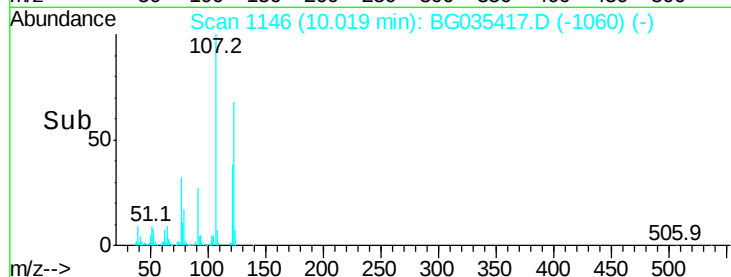
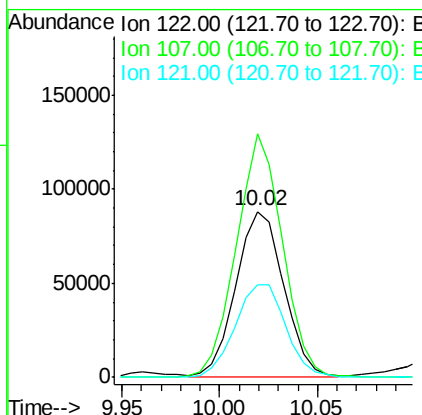
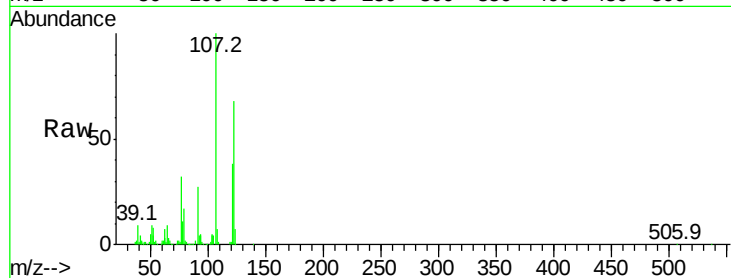




#27
2,4-Dimethylphenol
Concen: 50.098 ng
RT: 10.02 min Scan# 1146
Delta R.T. -0.02 min
Lab File: BG035417.D
Acq: 26 Jun 2018 19:34

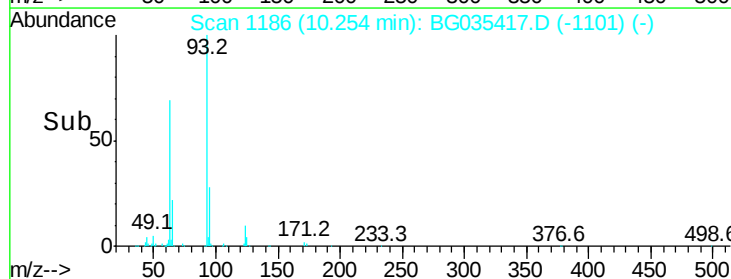
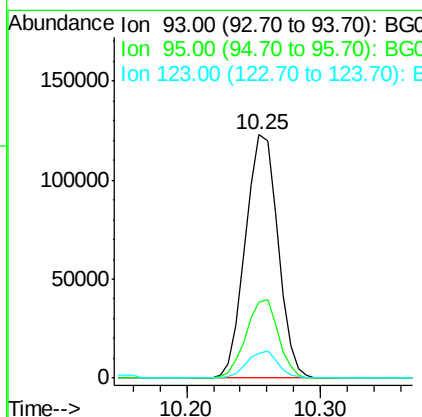
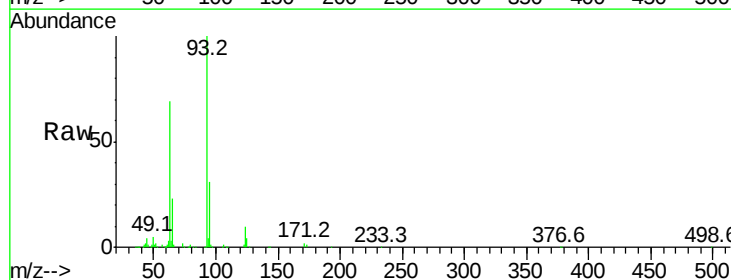
Instrument :
BNA_G
ClientSampleId :

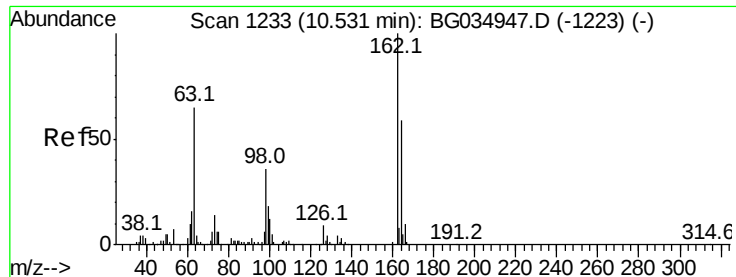
Tot Ion	Ratio	Lower	Upper
122	100		
107	146.7	100.2	150.2
121	56.1	44.4	66.6



#28
bis(2-Chloroethoxy)methane
Concen: 45.117 ng
RT: 10.25 min Scan# 1186
Delta R.T. -0.03 min
Lab File: BG035417.D
Acq: 26 Jun 2018 19:34

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.4	24.3	36.5
123	10.4	8.4	12.6

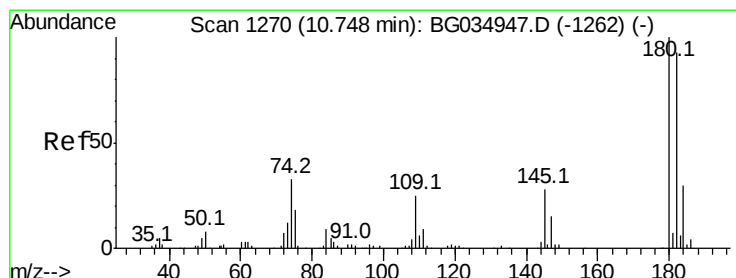
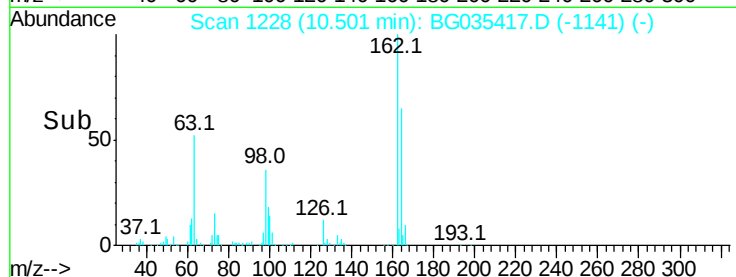
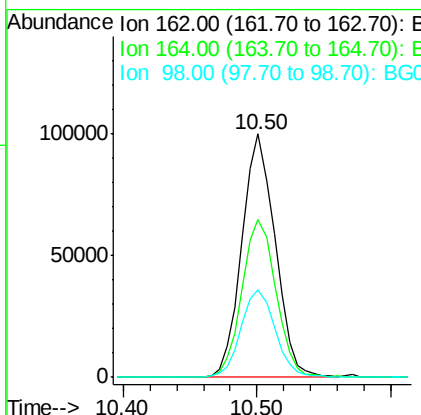
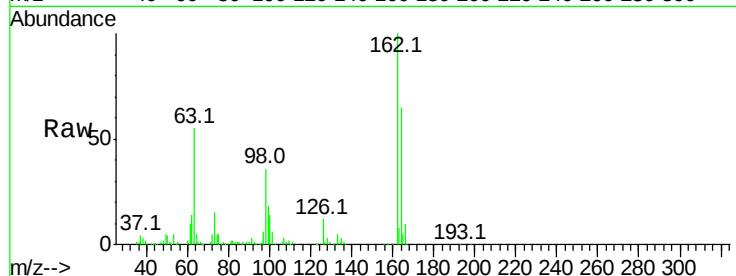




#29
 2,4-Dichlorophenol
 Concen: 52.735 ng
 RT: 10.50 min Scan# 1228
 Delta R.T. -0.02 min
 Lab File: BG035417.D
 Acq: 26 Jun 2018 19:34

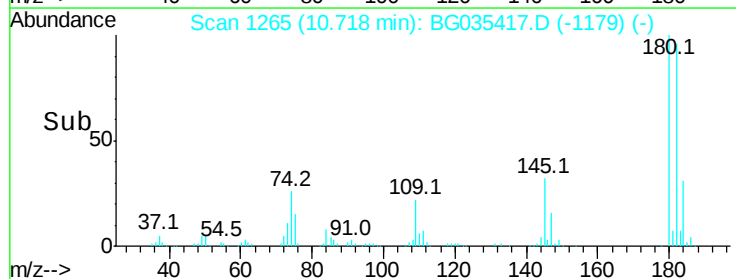
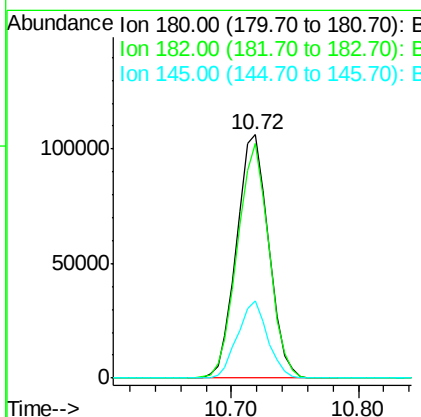
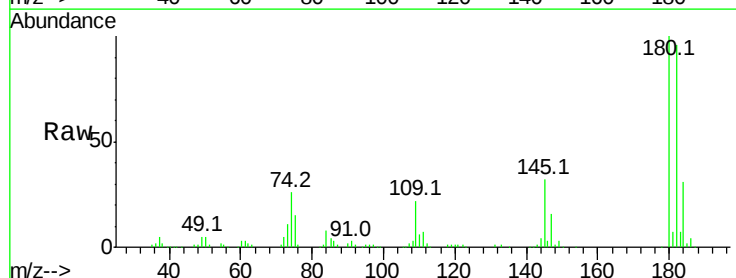
Instrument :
 BNA_G
 ClientSampled :

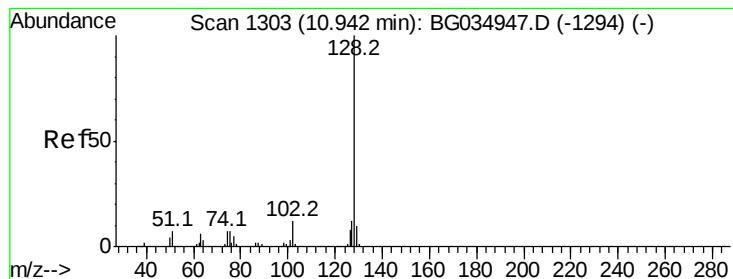
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	48.0	88.0
98	36.0	21.1	61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 47.644 ng
 RT: 10.72 min Scan# 1265
 Delta R.T. -0.02 min
 Lab File: BG035417.D
 Acq: 26 Jun 2018 19:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	77.5	116.3
145	31.7	23.4	35.2





#31

Naphthalene

Concen: 45.718 ng

RT: 10.91 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BG035417.D

Acq: 26 Jun 2018 19:34

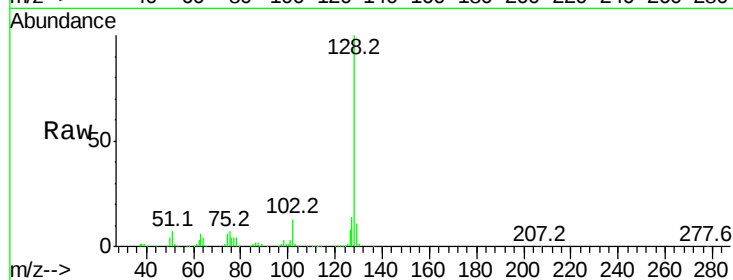
Instrument :

BNA_G

ClientSampleId :

Tot Ion:128 Resp: 457080

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.6	12.8
127	13.5	11.6	17.4

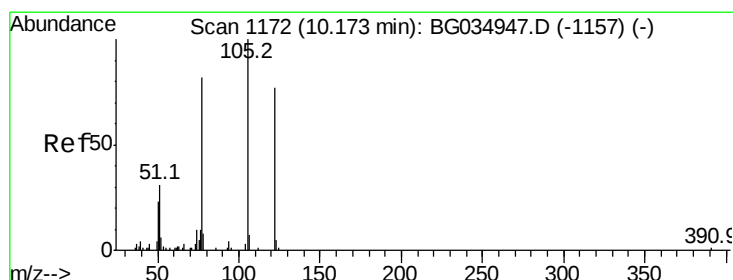
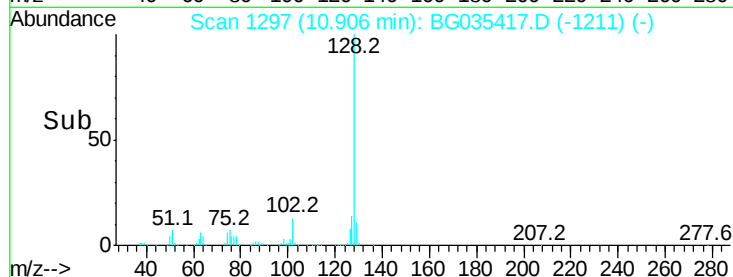
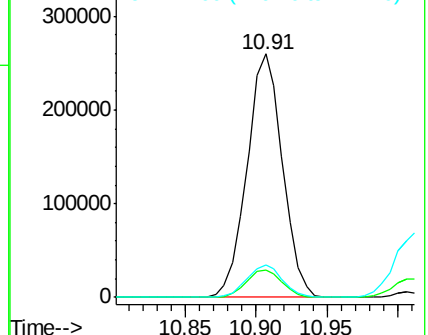


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 34.403 ng

RT: 10.15 min Scan# 1168

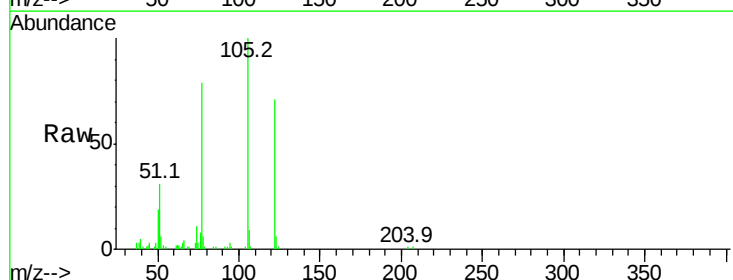
Delta R.T. -0.02 min

Lab File: BG035417.D

Acq: 26 Jun 2018 19:34

Tgt Ion:122 Resp: 69220

Ion	Ratio	Lower	Upper
122	100		
105	141.0	123.5	163.5
77	111.7	85.7	125.7

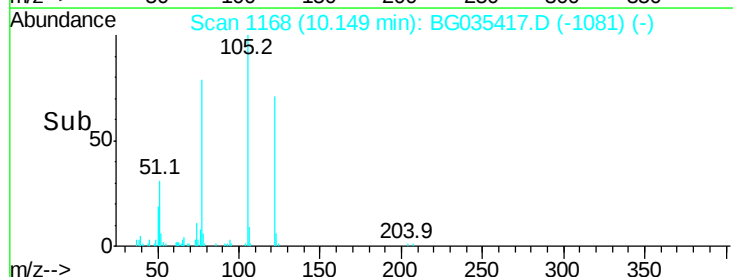
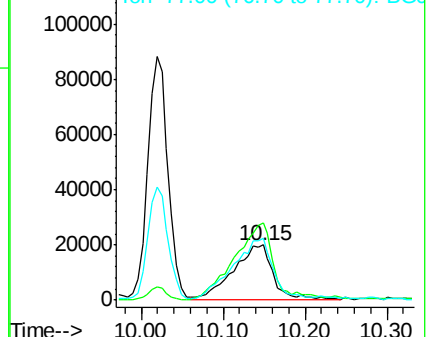


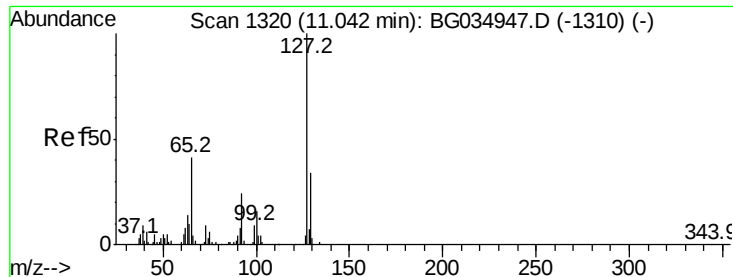
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

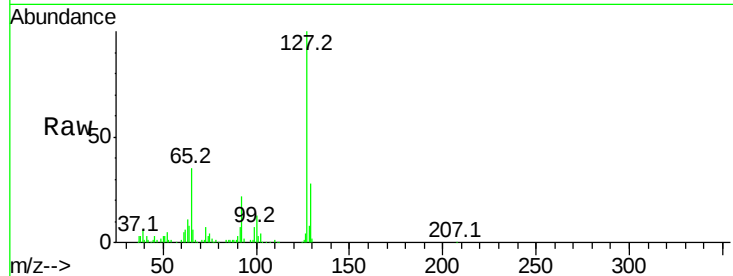




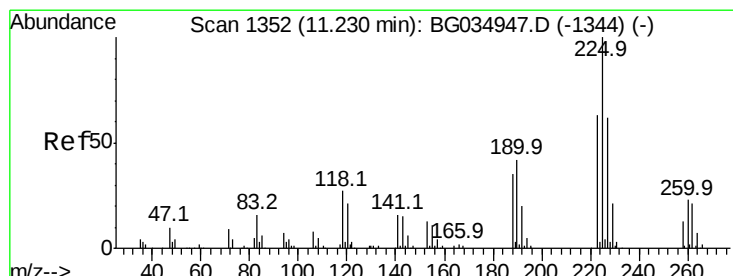
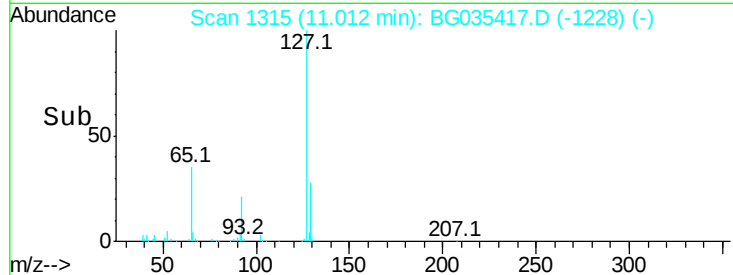
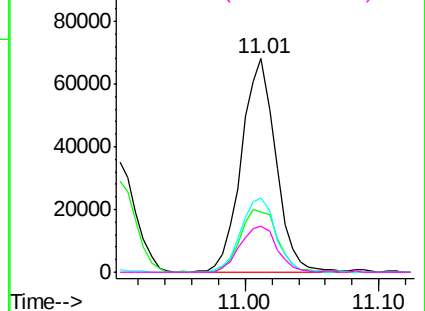
#33
4-Chloroaniline
Concen: 27.868 ng
RT: 11.01 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BG035417.D
Acq: 26 Jun 2018 19:34

Instrument :
BNA_G
ClientSampled :

Tot Ion:	127	Resp:	120978
Ion	Ratio	Lower	Upper
127	100		
129	28.0	24.0	36.0
65	35.0	27.0	40.4
92	21.6	16.6	25.0

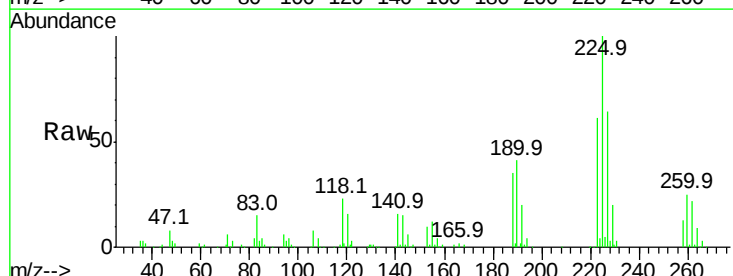


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

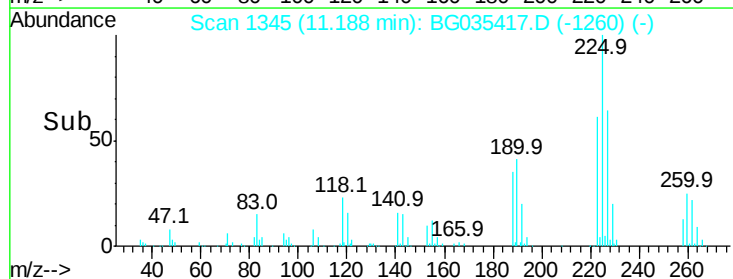
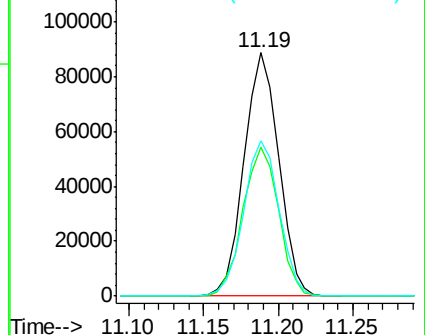


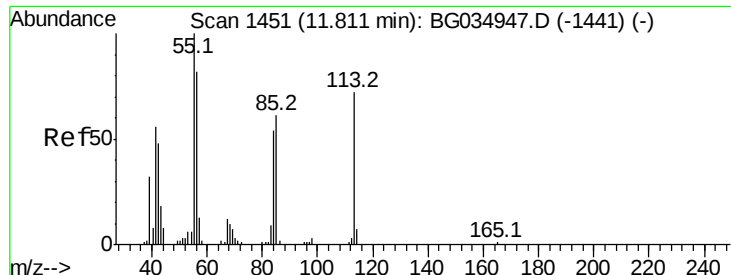
#34
Hexachlorobutadiene
Concen: 46.951 ng
RT: 11.19 min Scan# 1345
Delta R.T. -0.03 min
Lab File: BG035417.D
Acq: 26 Jun 2018 19:34

Tgt Ion:	225	Resp:	143109
Ion	Ratio	Lower	Upper
225	100		
223	61.2	49.7	74.5
227	63.8	48.1	72.1



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 32.199 ng

RT: 11.79 min Scan# 1447

Delta R.T. -0.02 min

Lab File: BG035417.D

Acq: 26 Jun 2018 19:34

Instrument :

BNA_G

ClientSampled :

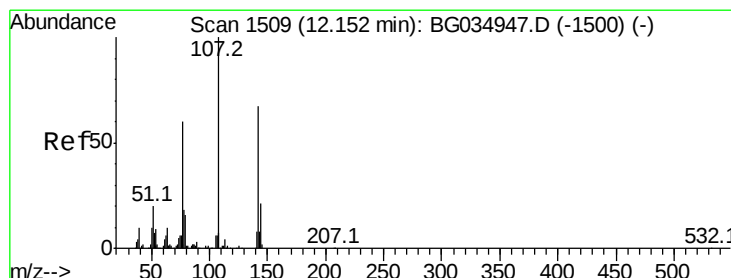
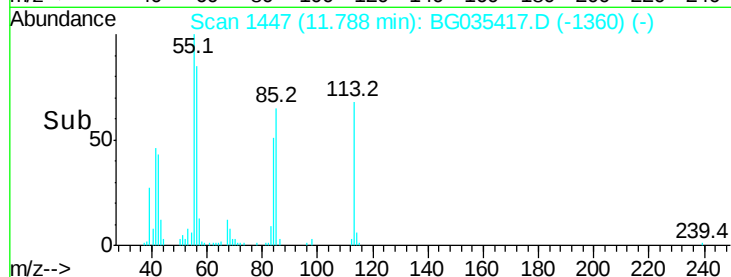
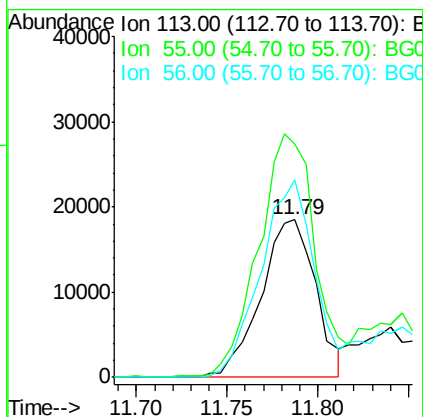
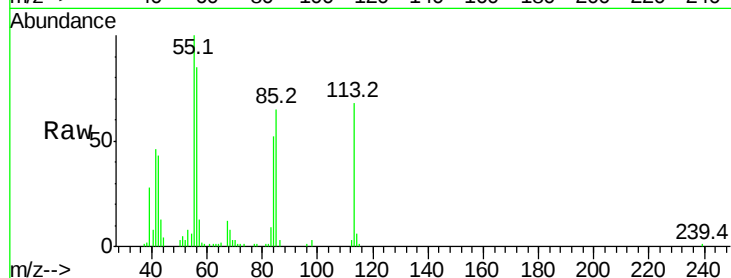
Tot Ion:113 Resp: 38895

Ion Ratio Lower Upper

113 100

55 148.1 186.9 226.9#

56 125.6 130.9 170.9#



#36

4-Chloro-3-methylphenol

Concen: 49.817 ng

RT: 12.13 min Scan# 1505

Delta R.T. -0.01 min

Lab File: BG035417.D

Acq: 26 Jun 2018 19:34

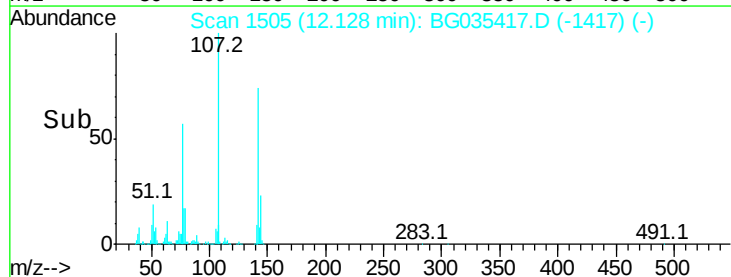
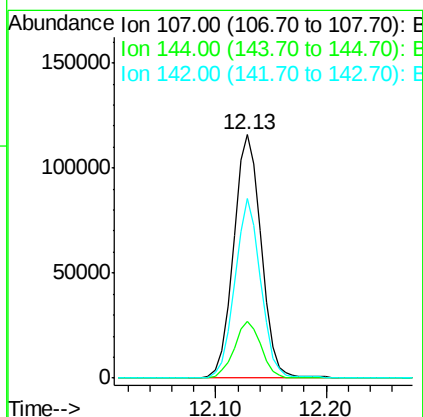
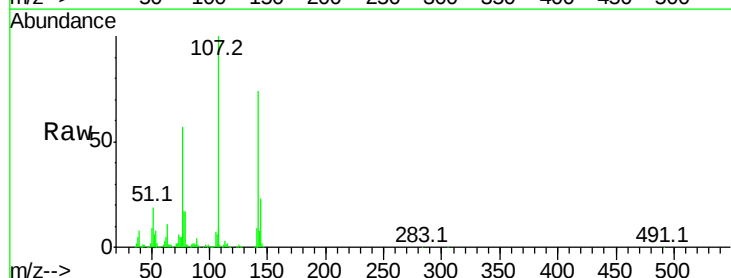
Tgt Ion:107 Resp: 202972

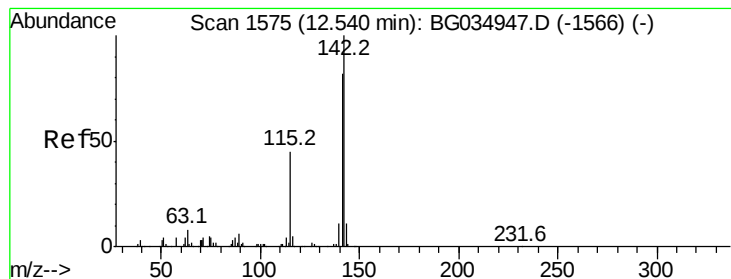
Ion Ratio Lower Upper

107 100

144 23.5 18.2 27.4

142 73.8 59.0 88.4





#37

2-Methylnaphthalene

Concen: 47.324 ng

RT: 12.50 min Scan# 1569

Delta R.T. -0.03 min

Lab File: BG035417.D

Acq: 26 Jun 2018 19:34

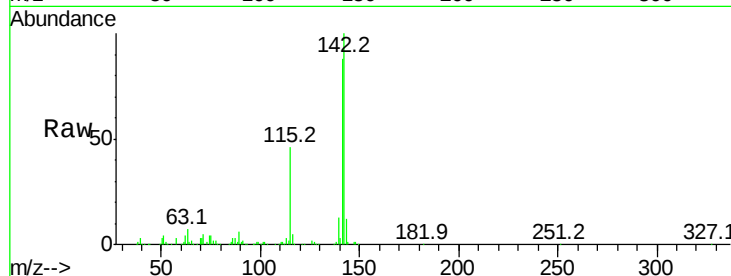
Instrument :

BNA_G

ClientSampleId :

Tot Ion:142 Resp: 358714

Ion	Ratio	Lower	Upper
142	100		
141	88.0	67.1	100.7
115	45.8	30.7	46.1

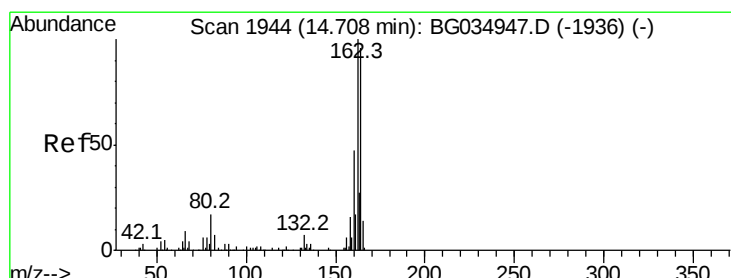
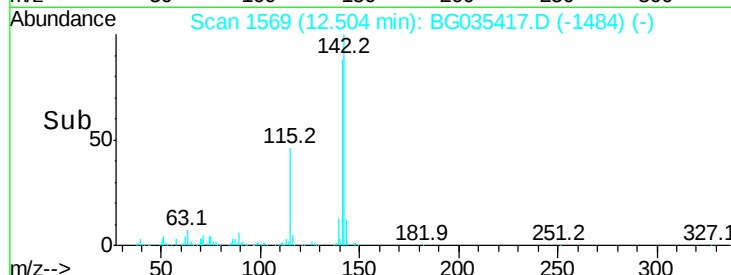
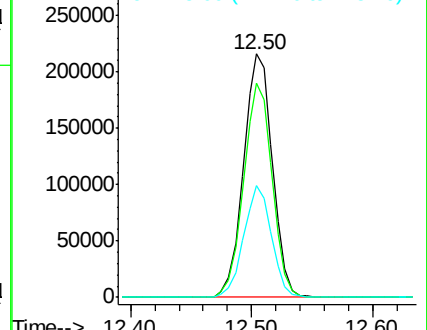


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1938

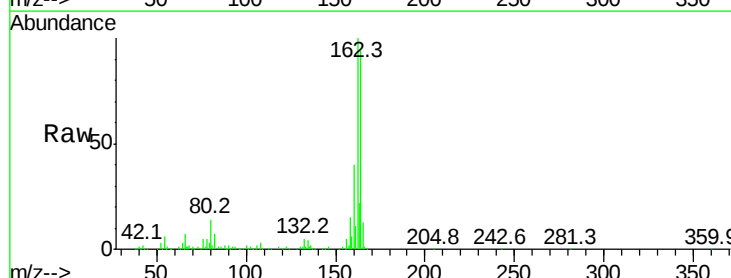
Delta R.T. -0.02 min

Lab File: BG035417.D

Acq: 26 Jun 2018 19:34

Tgt Ion:164 Resp: 136065

Ion	Ratio	Lower	Upper
164	100		
162	106.3	78.8	118.2
160	42.2	35.4	53.0

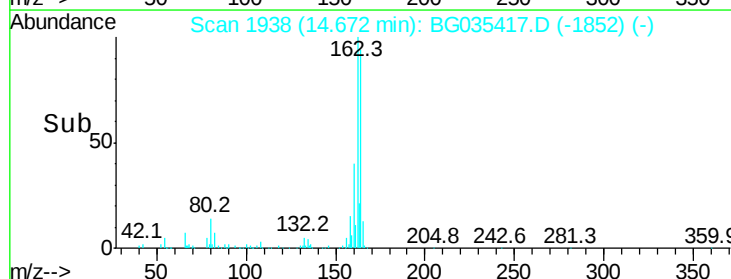
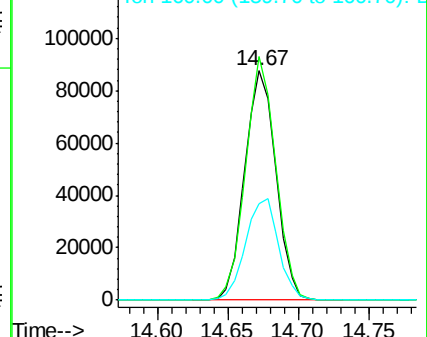


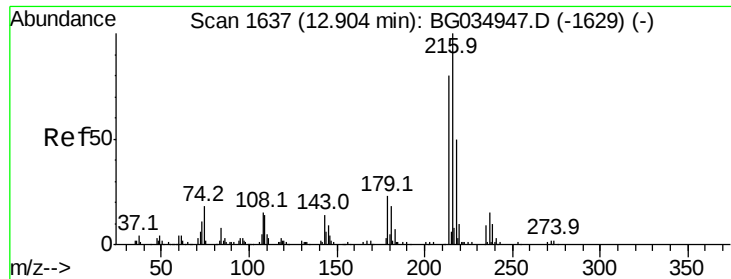
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

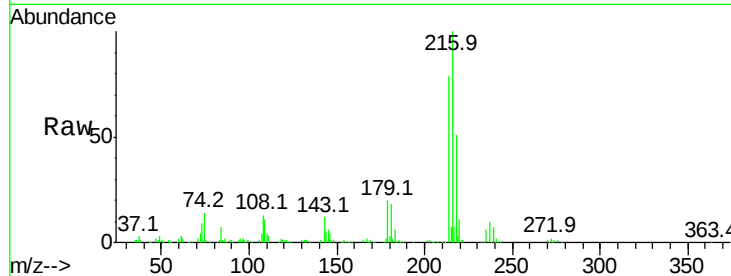




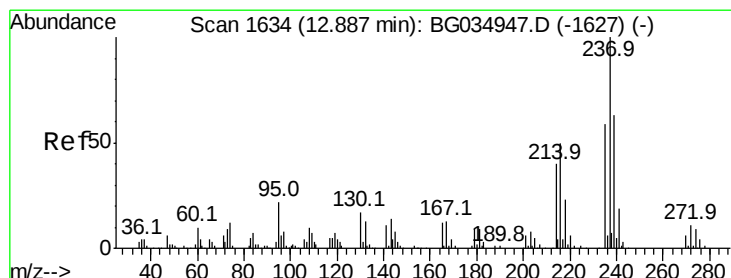
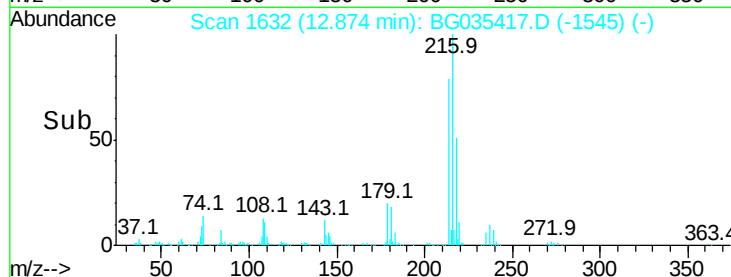
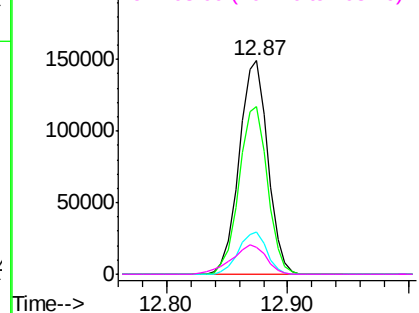
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 48.537 ng
 RT: 12.87 min Scan# 1632
 Delta R.T. -0.02 min
 Lab File: BG035417.D
 Acq: 26 Jun 2018 19:34

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	216	Resp:	245992
Ion	Ratio	Lower	Upper
216	100		
214	77.9	63.0	94.4
179	19.5	17.0	25.6
108	16.3	12.8	19.2

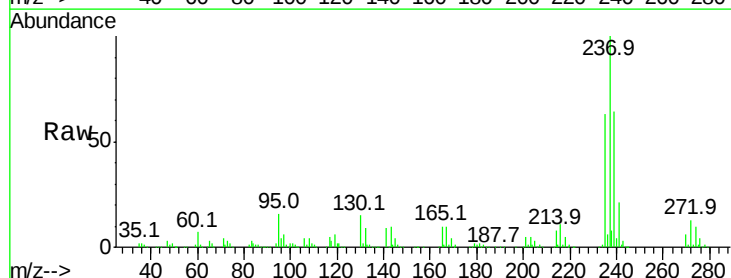


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

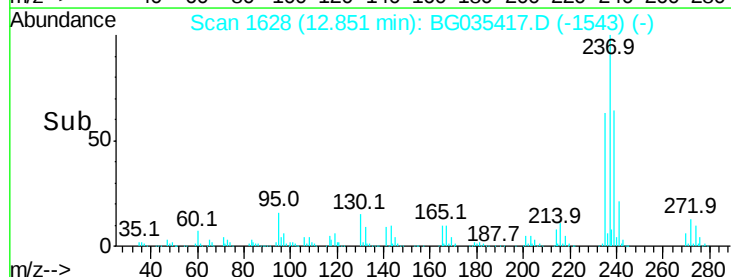
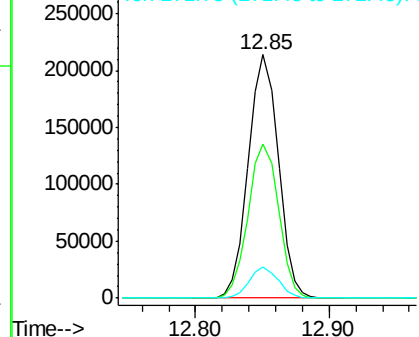


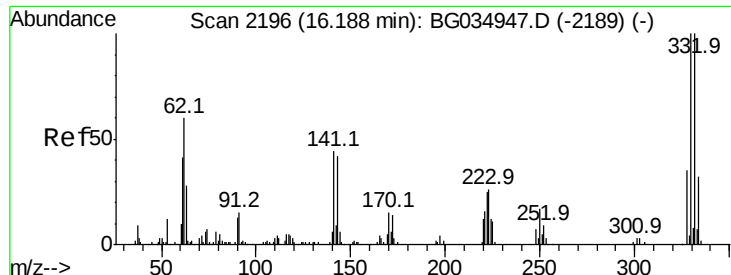
#40
 Hexachlorocyclopentadiene
 Concen: 104.429 ng
 RT: 12.85 min Scan# 1628
 Delta R.T. -0.03 min
 Lab File: BG035417.D
 Acq: 26 Jun 2018 19:34

Tgt Ion:	237	Resp:	331895
Ion	Ratio	Lower	Upper
237	100		
235	63.0	50.4	90.4
272	12.6	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

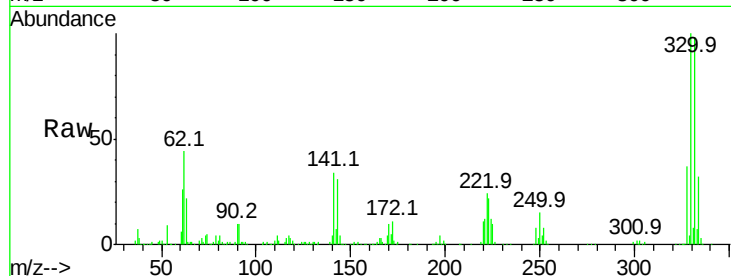




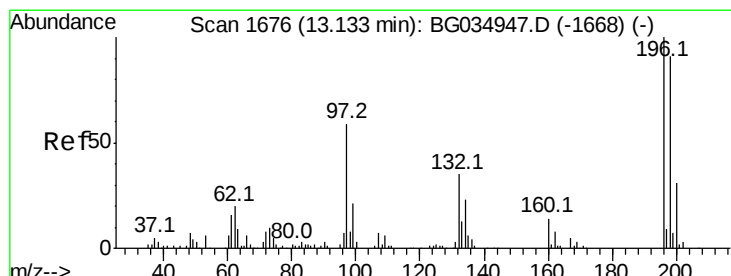
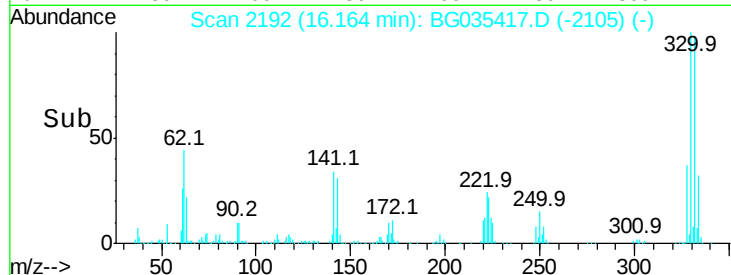
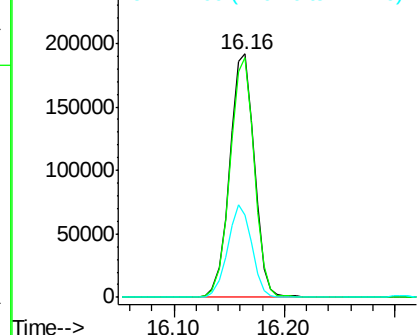
#41
 2,4,6-Tribromophenol
 Concen: 172.201 ng
 RT: 16.16 min Scan# 2192
 Delta R.T. -0.02 min
 Lab File: BG035417.D
 Acq: 26 Jun 2018 19:34

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:330 Resp: 299941
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.0 115.6
 141 37.0 25.2 37.8

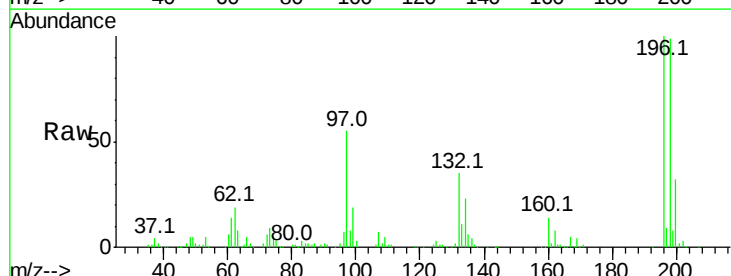


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

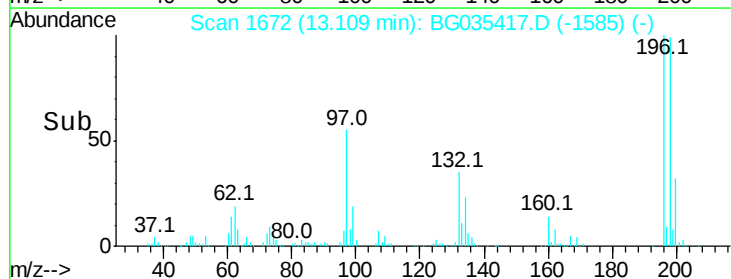
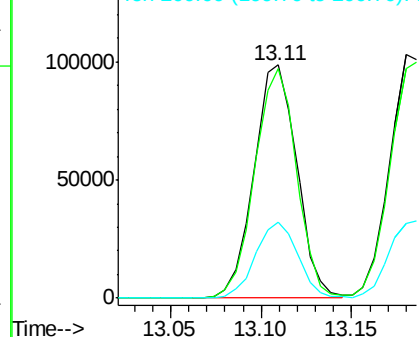


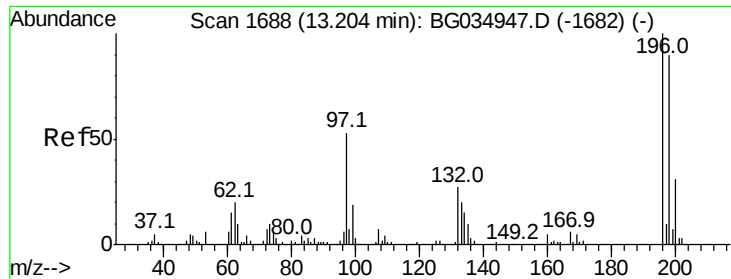
#42
 2,4,6-Trichlorophenol
 Concen: 53.489 ng
 RT: 13.11 min Scan# 1672
 Delta R.T. -0.02 min
 Lab File: BG035417.D
 Acq: 26 Jun 2018 19:34

Tgt Ion:196 Resp: 162323
 Ion Ratio Lower Upper
 196 100
 198 98.7 78.2 117.2
 200 32.4 24.6 36.8



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

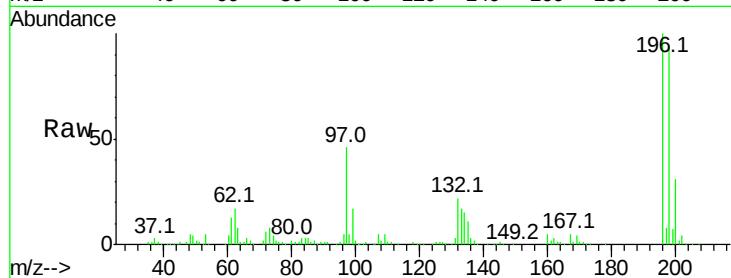




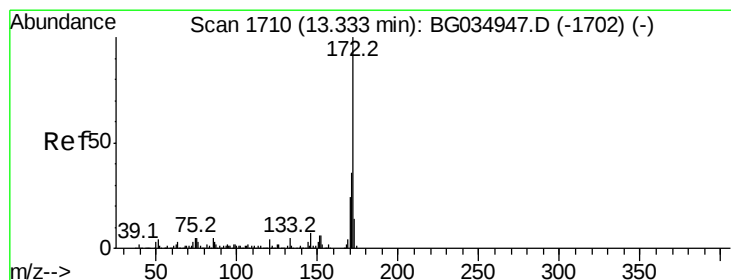
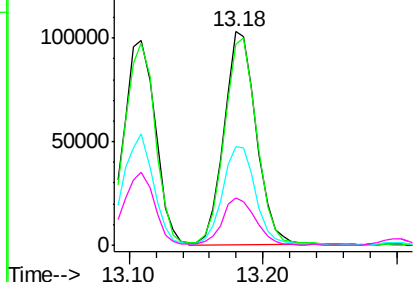
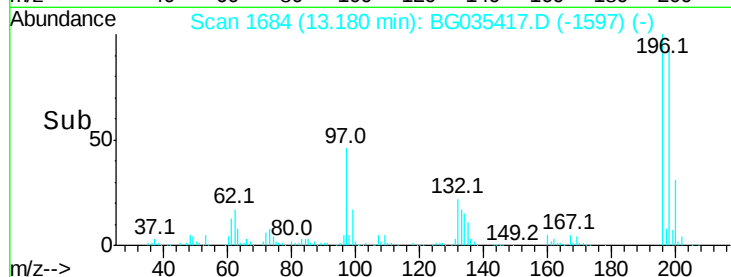
#43
 2,4,5-Trichlorophenol
 Concen: 52.393 ng
 RT: 13.18 min Scan# 1684
 Delta R.T. -0.02 min
 Lab File: BG035417.D
 Acq: 26 Jun 2018 19:34

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 174511
 Ion Ratio Lower Upper
 196 100
 198 94.1 76.2 114.4
 97 46.1 38.7 58.1
 132 22.1 20.2 30.2

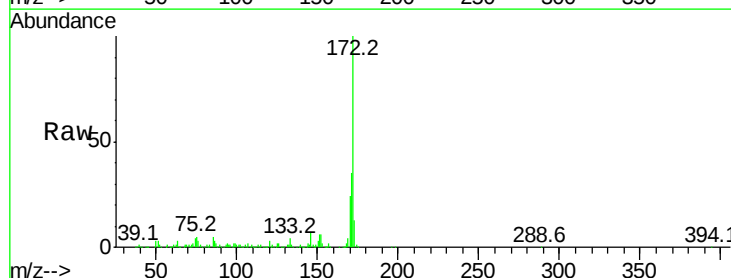


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

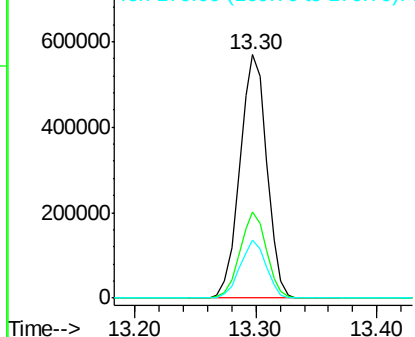
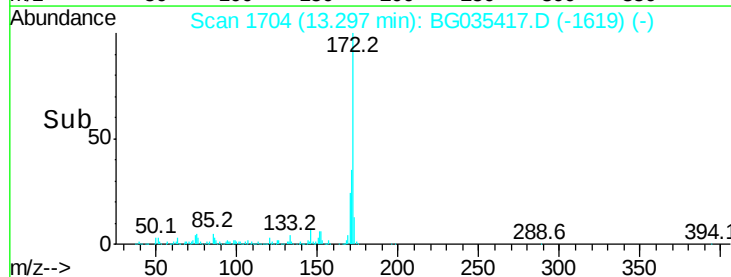


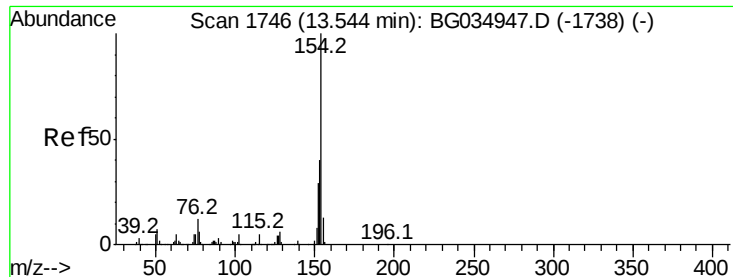
#44
 2-Fluorobiphenyl
 Concen: 84.435 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.03 min
 Lab File: BG035417.D
 Acq: 26 Jun 2018 19:34

Tgt Ion:172 Resp: 883740
 Ion Ratio Lower Upper
 172 100
 171 35.2 30.0 45.0
 170 23.8 19.5 29.3



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 44.387 ng

RT: 13.51 min Scan# 1740

Delta R.T. -0.02 min

Lab File: BG035417.D

Acq: 26 Jun 2018 19:34

Instrument :

BNA_G

ClientSampleId :

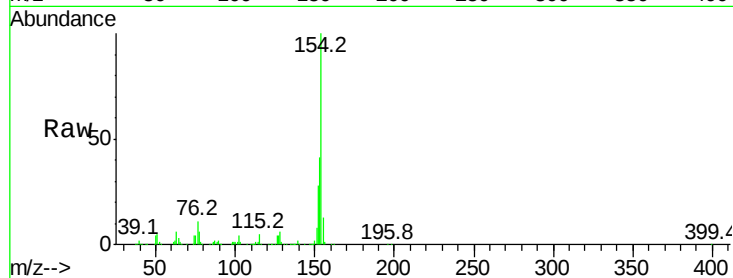
Tot Ion:154 Resp: 485638

Ion Ratio Lower Upper

154 100

153 40.9 19.8 59.8

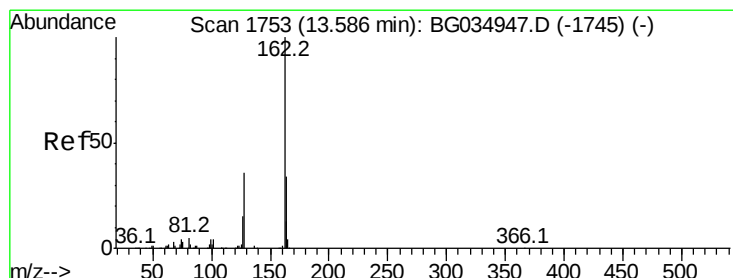
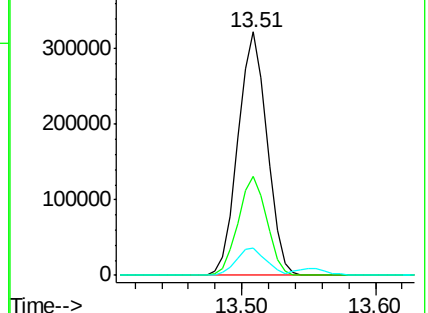
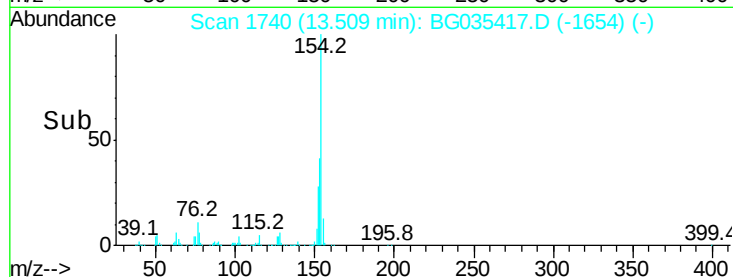
76 11.3 0.0 31.9



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): BGC



#46

2-Chloronaphthalene

Concen: 46.149 ng

RT: 13.56 min Scan# 1748

Delta R.T. -0.02 min

Lab File: BG035417.D

Acq: 26 Jun 2018 19:34

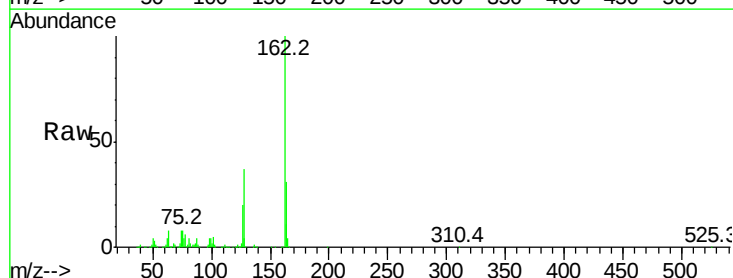
Tgt Ion:162 Resp: 381747

Ion Ratio Lower Upper

162 100

127 37.2 30.7 46.1

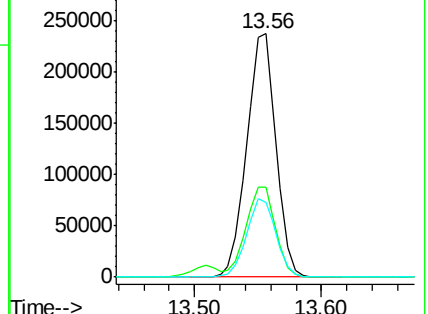
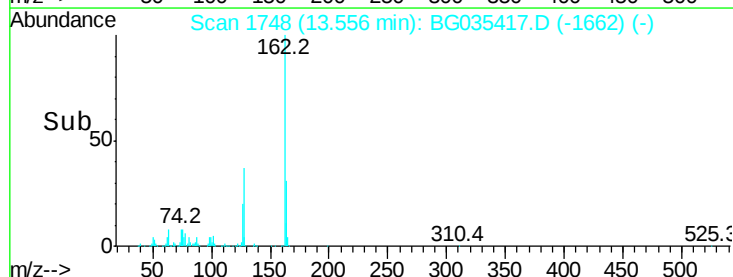
164 30.9 26.0 39.0

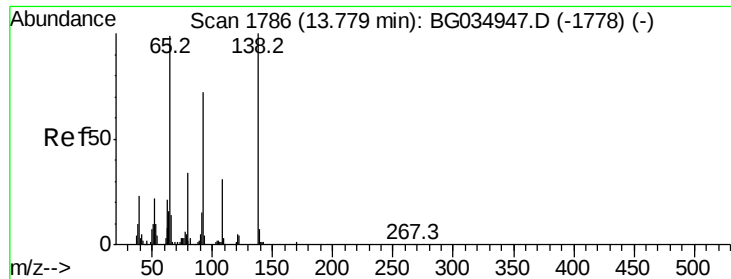


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 53.152 ng

RT: 13.76 min Scan# 1782

Delta R.T. -0.02 min

Lab File: BG035417.D

Acq: 26 Jun 2018 19:34

Instrument :

BNA_G

ClientSampleId :

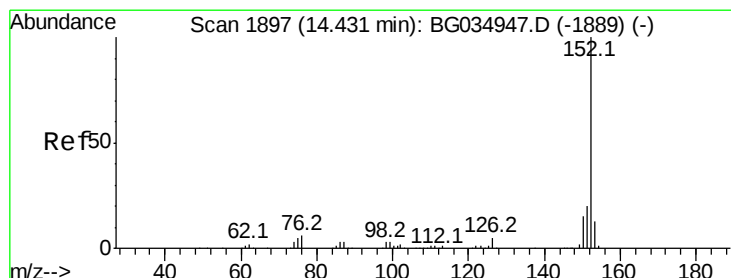
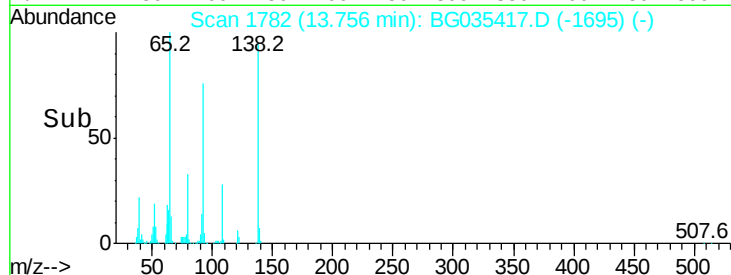
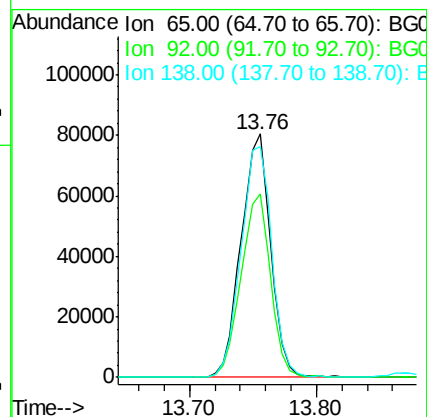
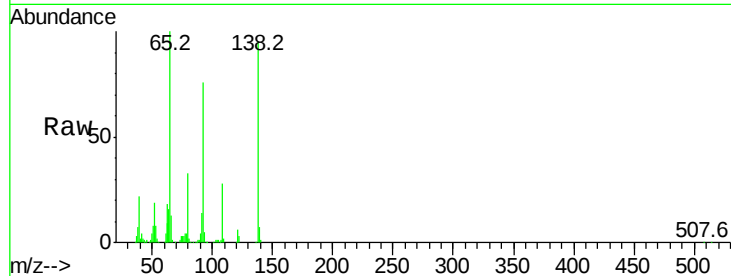
Tot Ion: 65 Resp: 129832

Ion Ratio Lower Upper

65 100

92 75.6 54.6 82.0

138 94.9 72.9 109.3



#48

Acenaphthylene

Concen: 45.132 ng

RT: 14.40 min Scan# 1891

Delta R.T. -0.02 min

Lab File: BG035417.D

Acq: 26 Jun 2018 19:34

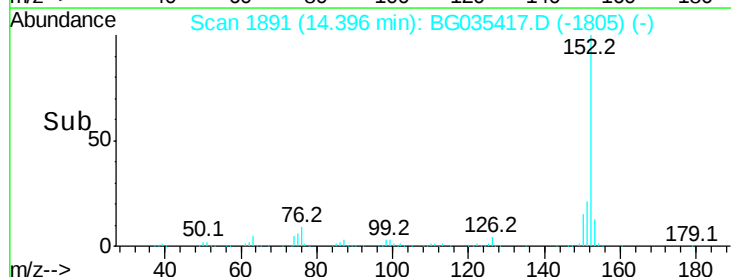
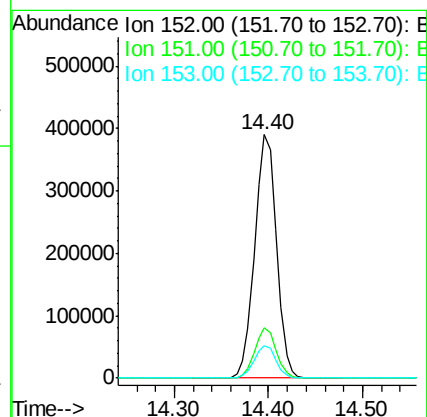
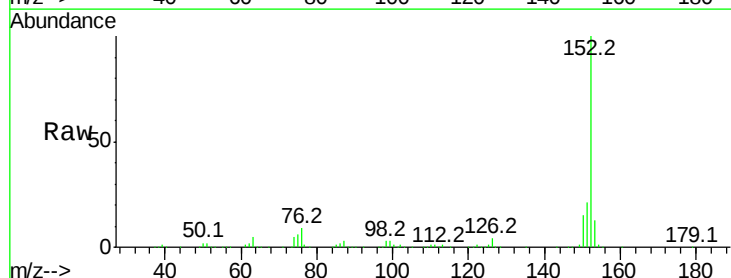
Tgt Ion: 152 Resp: 626003

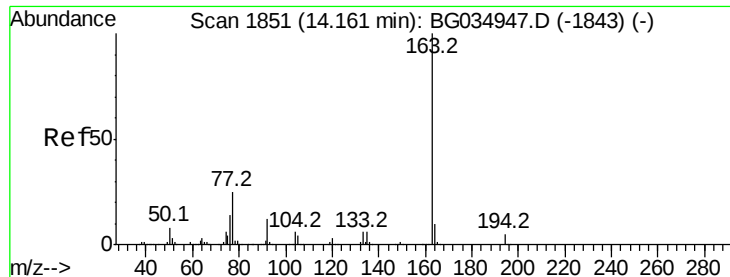
Ion Ratio Lower Upper

152 100

151 20.7 17.2 25.8

153 13.5 10.2 15.4





#49

Dimethylphthalate

Concen: 58.302 ng

RT: 14.13 min Scan# 1845

Delta R.T. -0.03 min

Lab File: BG035417.D

Acq: 26 Jun 2018 19:34

Instrument :

BNA_G

ClientSampleId :

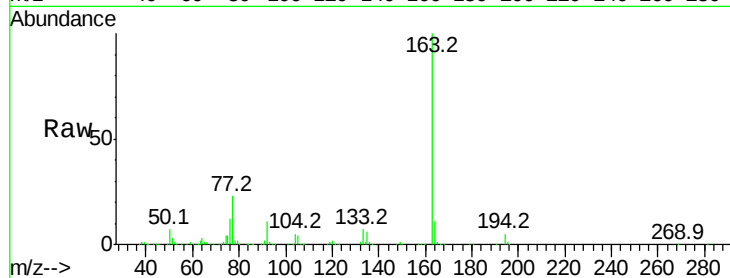
Tot Ion:163 Resp: 691775

Ion Ratio Lower Upper

163 100

194 5.1 3.4 5.2

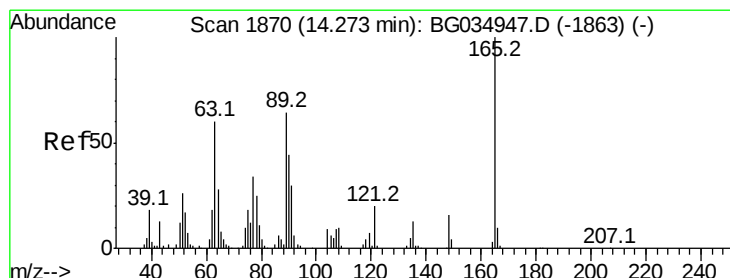
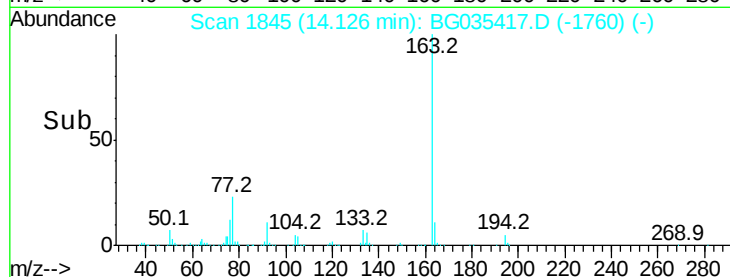
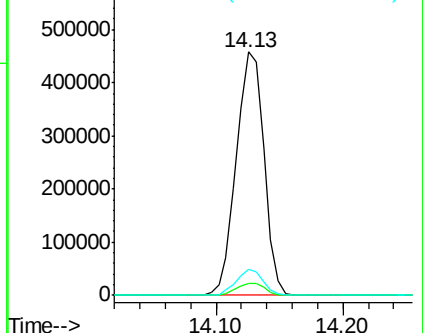
164 10.8 8.2 12.4



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: 54.730 ng

RT: 14.24 min Scan# 1865

Delta R.T. -0.02 min

Lab File: BG035417.D

Acq: 26 Jun 2018 19:34

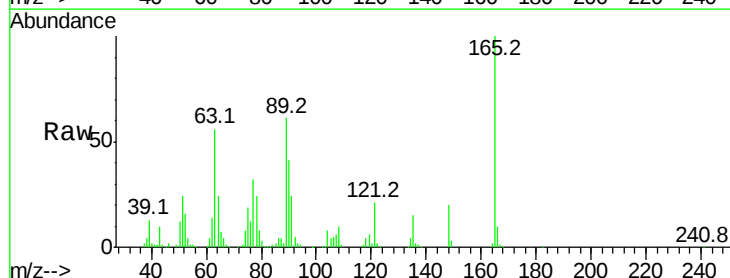
Tgt Ion:165 Resp: 118470

Ion Ratio Lower Upper

165 100

63 56.0 52.7 79.1

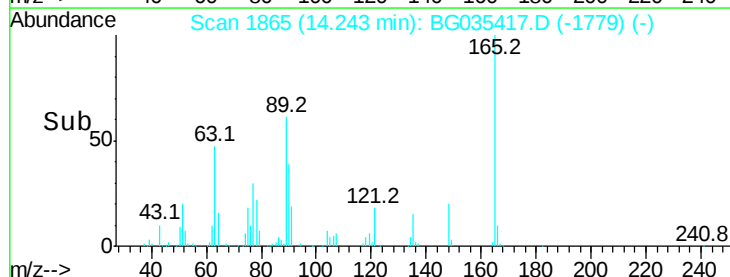
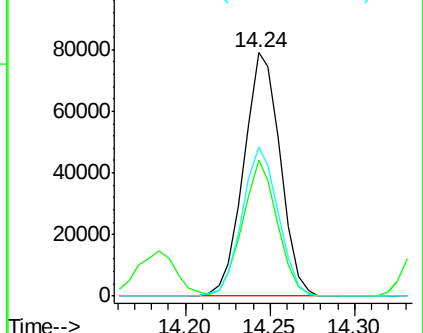
89 61.3 49.2 73.8

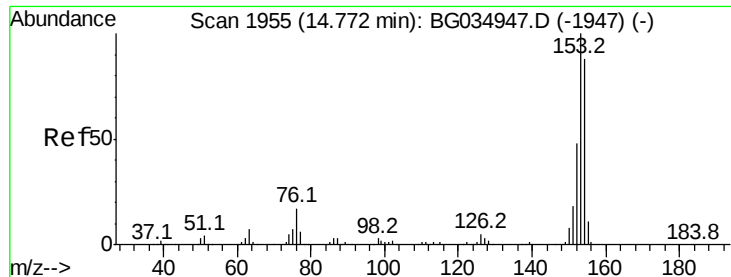


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 41.797 ng

RT: 14.74 min Scan# 1949

Delta R.T. -0.02 min

Lab File: BG035417.D

Acq: 26 Jun 2018 19:34

Instrument :

BNA_G

ClientSampleId :

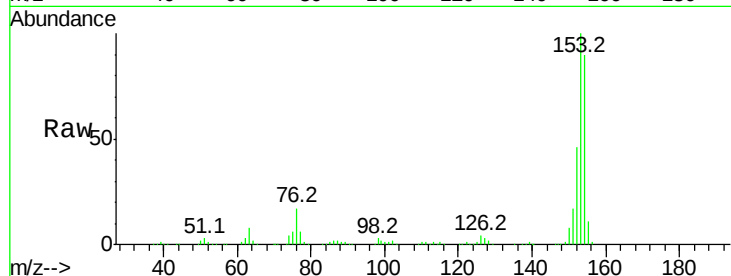
Tot Ion:154 Resp: 378790

Ion Ratio Lower Upper

154 100

153 111.2 90.4 135.6

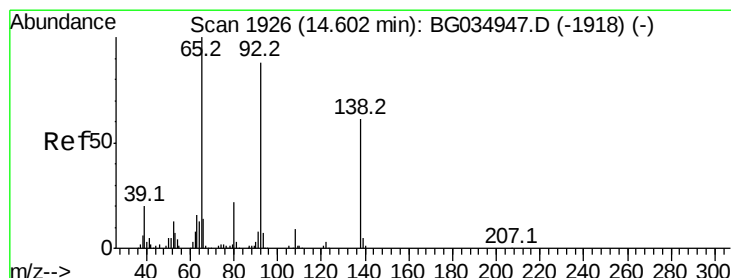
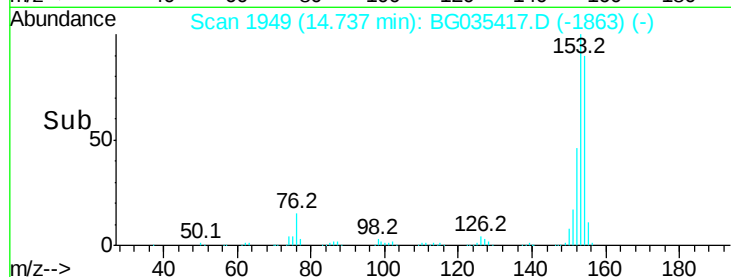
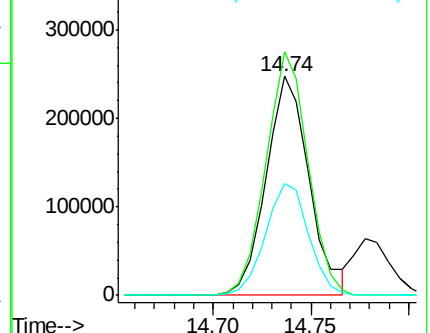
152 51.2 41.6 62.4



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: 40.671 ng

RT: 14.57 min Scan# 1921

Delta R.T. -0.02 min

Lab File: BG035417.D

Acq: 26 Jun 2018 19:34

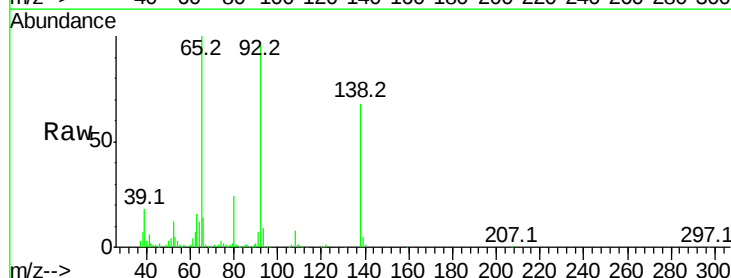
Tgt Ion:138 Resp: 86388

Ion Ratio Lower Upper

138 100

108 11.2 17.5 26.3#

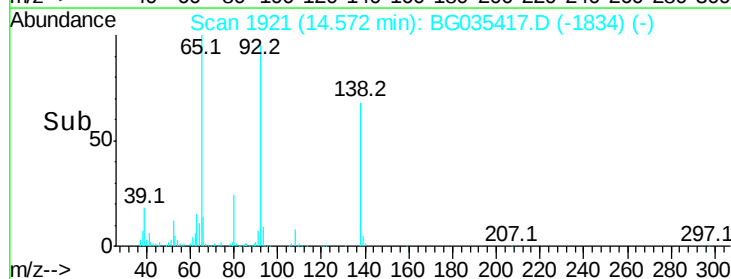
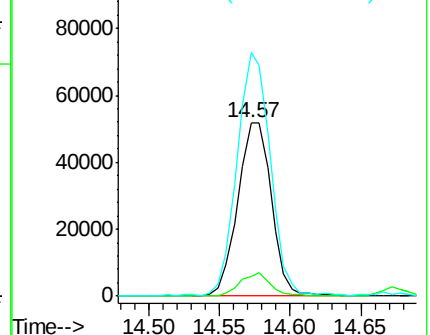
92 140.4 105.8 158.8

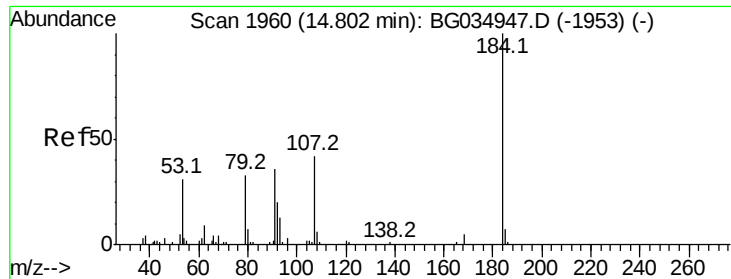


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

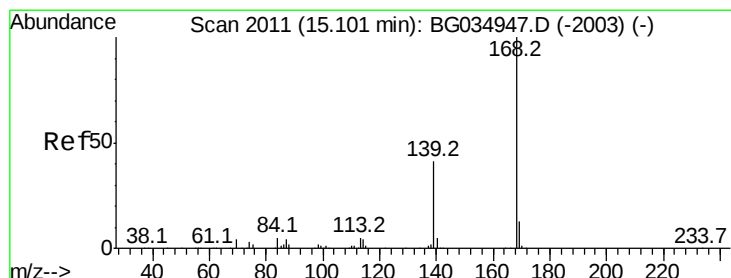
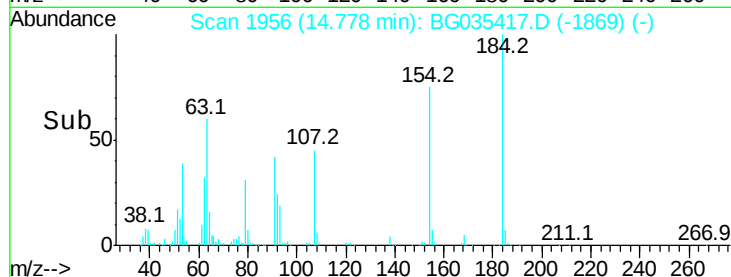
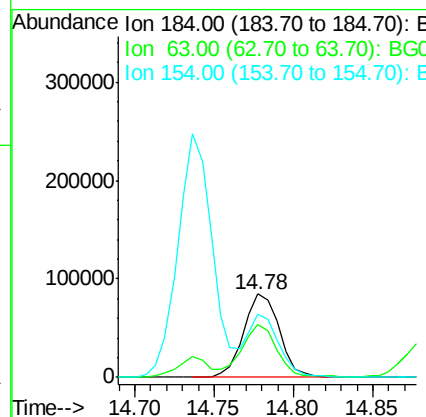
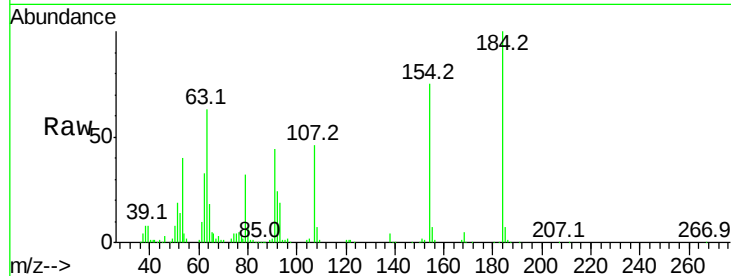




#53
2,4-Dinitrophenol
Concen: 150.976 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.02 min
Lab File: BG035417.D
Acq: 26 Jun 2018 19:34

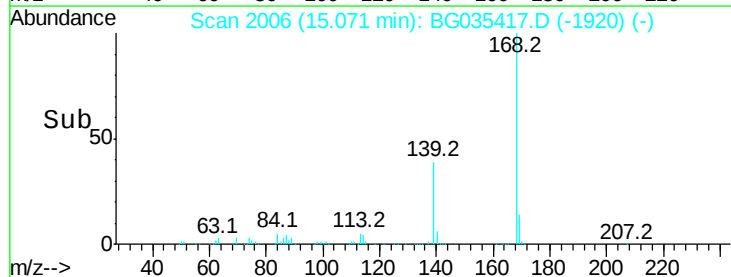
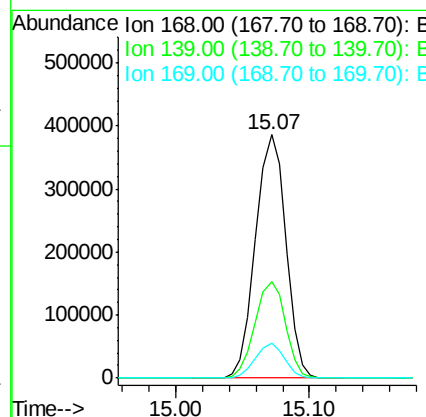
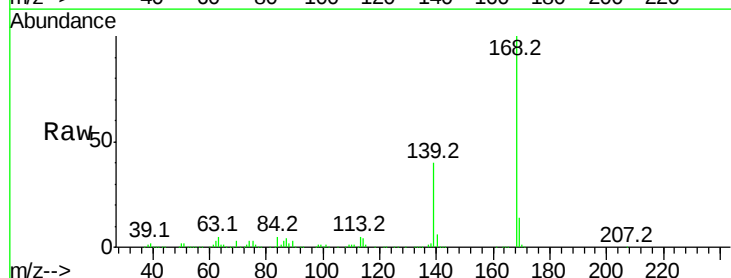
Instrument :
BNA_G
ClientSampleId :

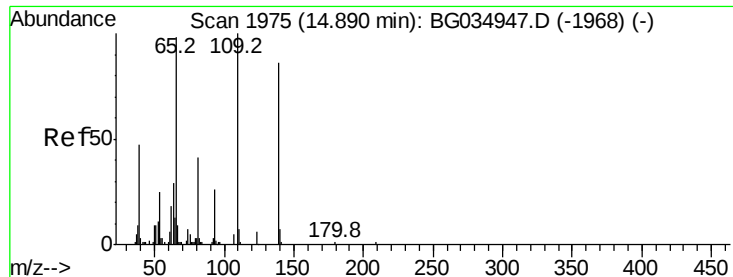
Tot Ion:184 Resp: 132261
Ion Ratio Lower Upper
184 100
63 63.3 59.8 89.8
154 75.5 101.8 152.8#



#54
Dibenzofuran
Concen: 44.527 ng
RT: 15.07 min Scan# 2006
Delta R.T. -0.02 min
Lab File: BG035417.D
Acq: 26 Jun 2018 19:34

Tgt Ion:168 Resp: 604368
Ion Ratio Lower Upper
168 100
139 39.7 28.6 43.0
169 14.4 11.2 16.8





#55

4-Nitrophenol

Concen: 100.063 ng

RT: 14.88 min Scan# 1974

Delta R.T. -0.00 min

Lab File: BG035417.D

Acq: 26 Jun 2018 19:34

Instrument :

BNA_G

ClientSampleId :

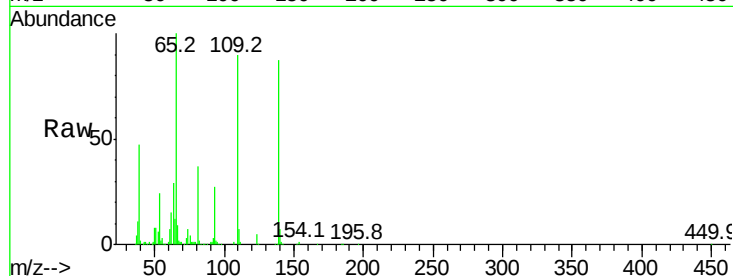
Tot Ion:139 Resp: 179376

Ion Ratio Lower Upper

139 100

109 102.7 62.2 102.2#

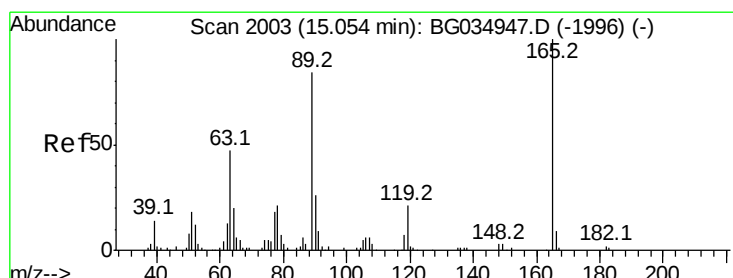
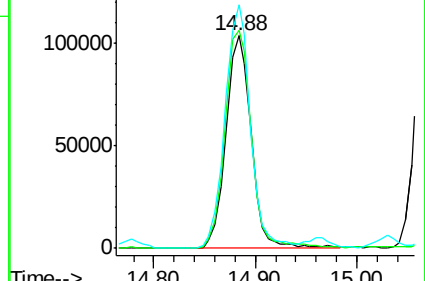
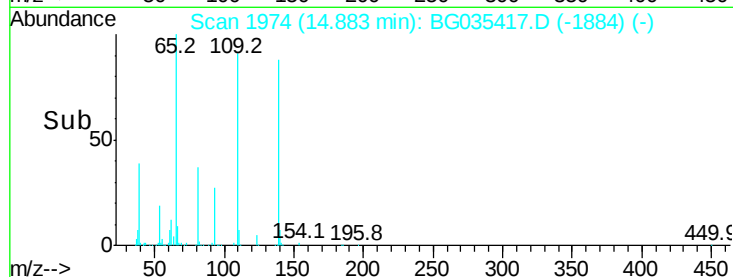
65 114.6 97.2 137.2



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 58.749 ng

RT: 15.03 min Scan# 1999

Delta R.T. -0.02 min

Lab File: BG035417.D

Acq: 26 Jun 2018 19:34

Tgt Ion:165 Resp: 168930

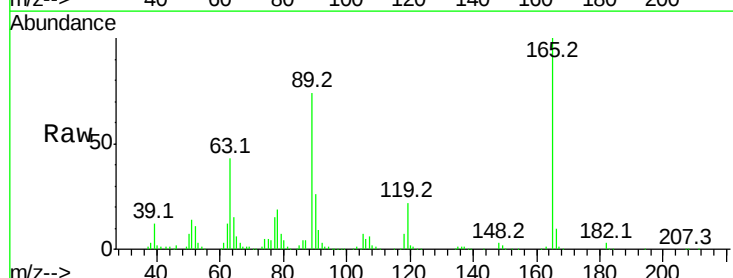
Ion Ratio Lower Upper

165 100

63 42.6 42.0 63.0

89 74.0 66.9 100.3

182 2.9 2.6 3.8

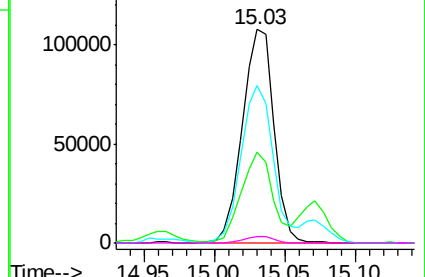
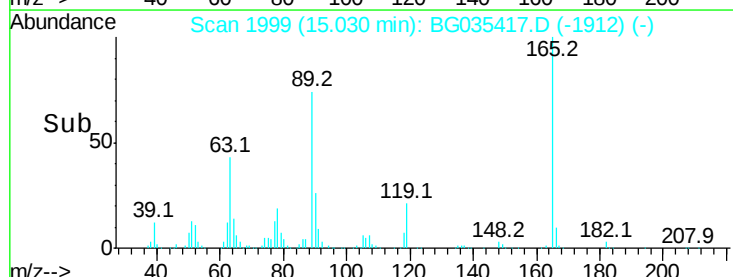


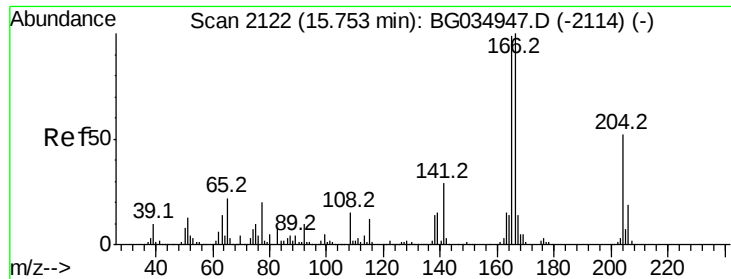
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 43.866 ng

RT: 15.72 min Scan# 2116

Delta R.T. -0.02 min

Lab File: BG035417.D

Acq: 26 Jun 2018 19:34

Instrument :

BNA_G

ClientSampleId :

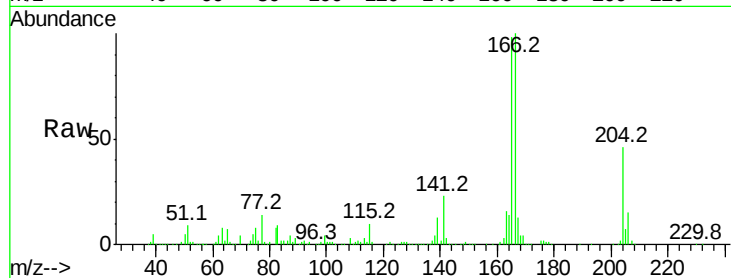
Tot Ion:166 Resp: 497588

Ion Ratio Lower Upper

166 100

165 98.2 80.6 121.0

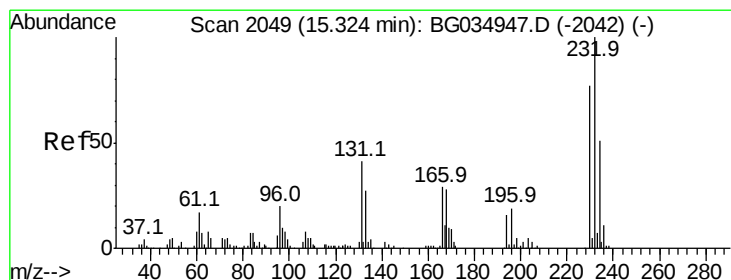
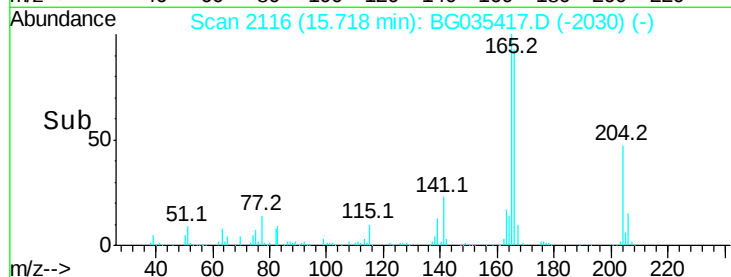
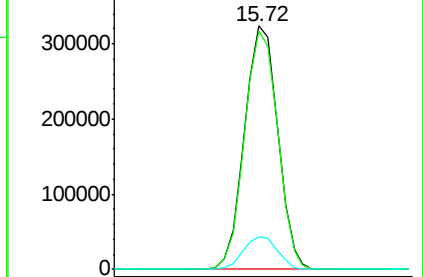
167 13.1 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 56.240 ng

RT: 15.29 min Scan# 2044

Delta R.T. -0.02 min

Lab File: BG035417.D

Acq: 26 Jun 2018 19:34

Tgt Ion:232 Resp: 181980

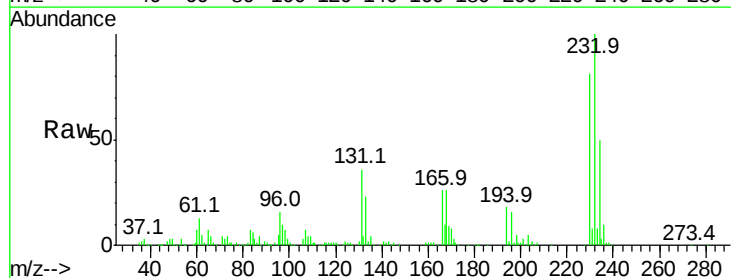
Ion Ratio Lower Upper

232 100

131 35.0 33.5 50.3

130 2.2 2.2 3.2

166 27.3 24.8 37.2

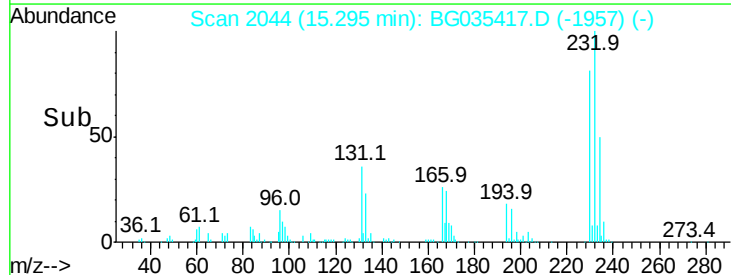
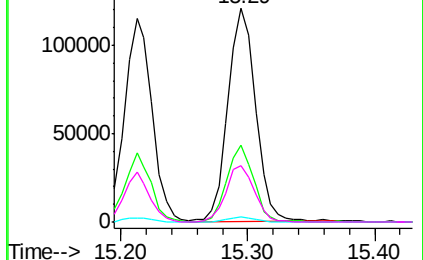


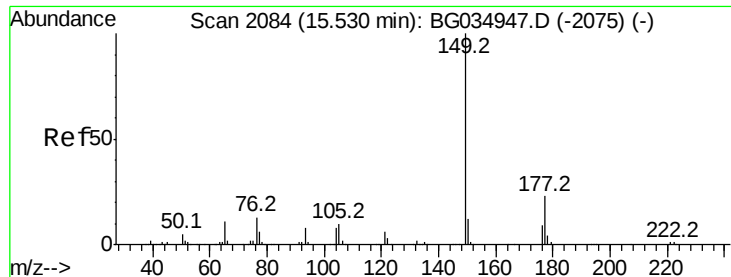
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

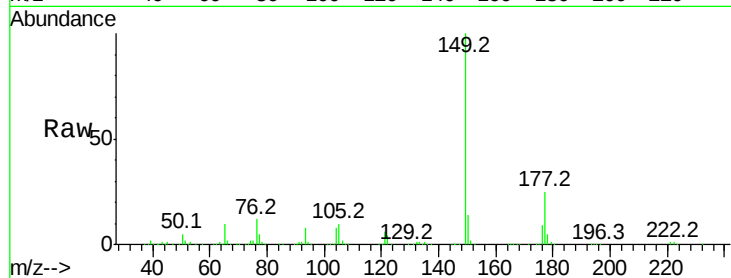




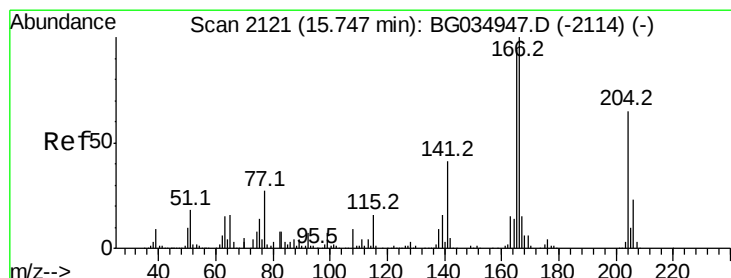
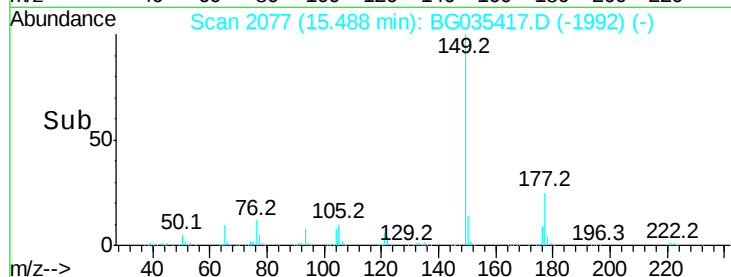
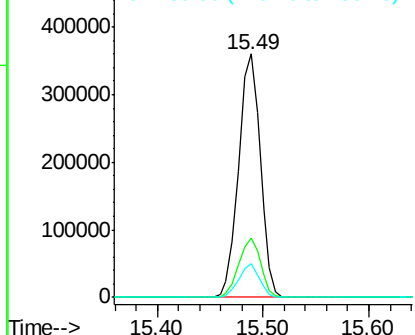
#59
Diethylphthalate
Concen: 41.912 ng
RT: 15.49 min Scan# 2077
Delta R.T. -0.03 min
Lab File: BG035417.D
Acq: 26 Jun 2018 19:34

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
177	24.6	18.5	27.7
150	13.8	10.2	15.2

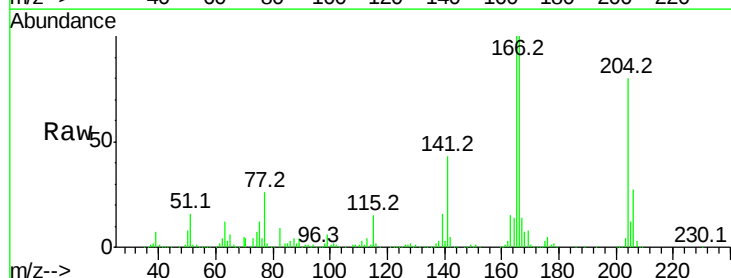


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

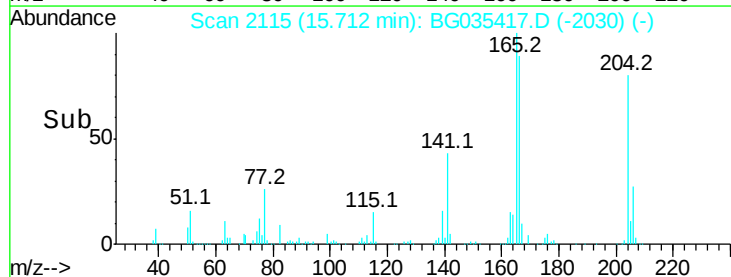
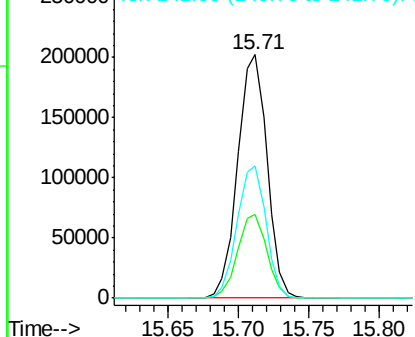


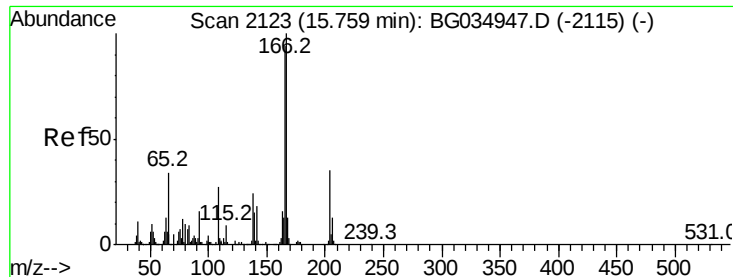
#60
4-Chlorophenyl-phenylether
Concen: 45.325 ng
RT: 15.71 min Scan# 2115
Delta R.T. -0.03 min
Lab File: BG035417.D
Acq: 26 Jun 2018 19:34

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.3	26.2	39.2
141	54.5	45.8	68.6



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

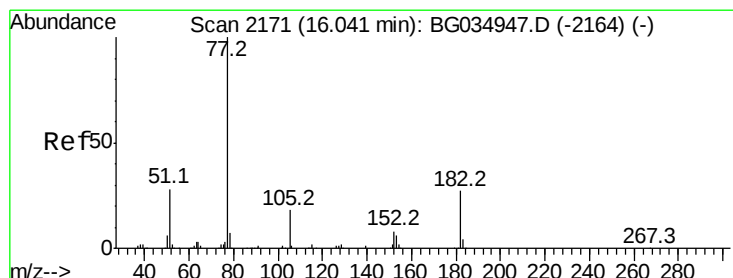
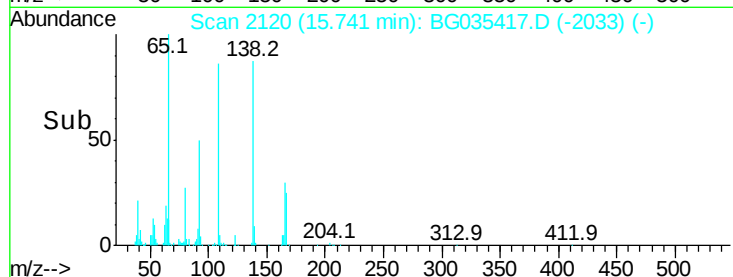
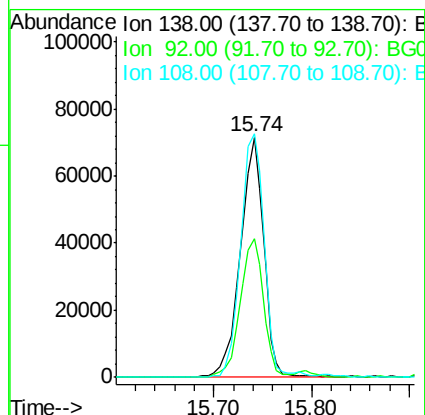
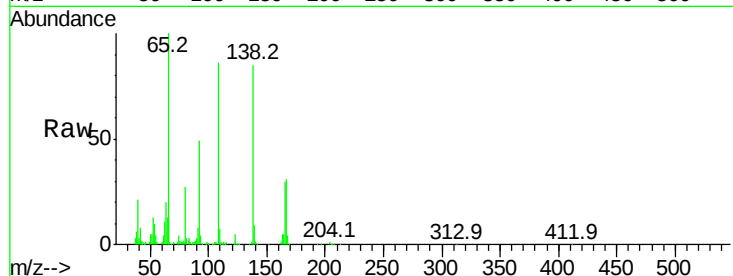




#61
4-Nitroaniline
Concen: 52.528 ng
RT: 15.74 min Scan# 2120
Delta R.T. -0.02 min
Lab File: BG035417.D
Acq: 26 Jun 2018 19:34

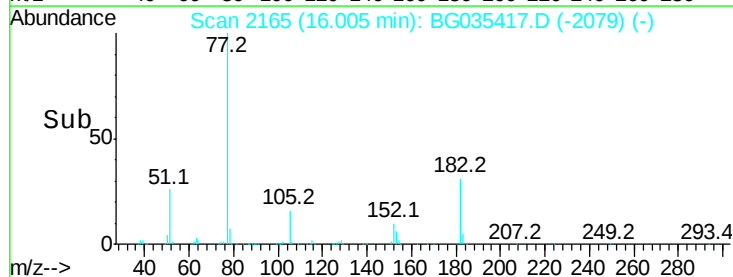
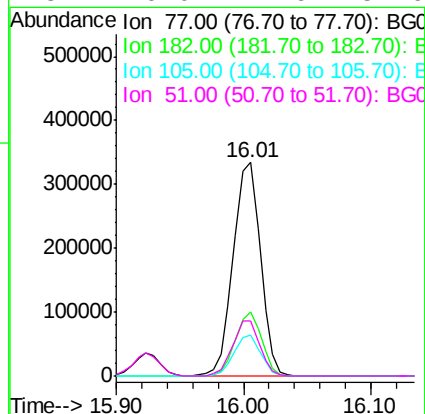
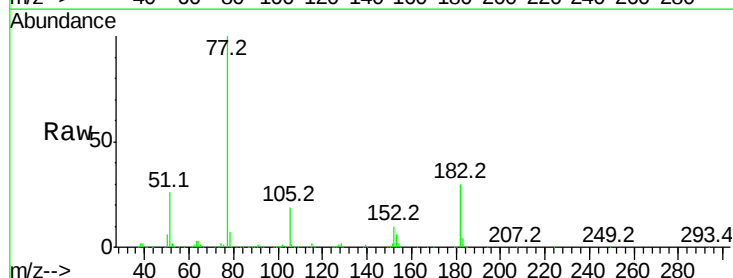
Instrument :
BNA_G
ClientSampleId :

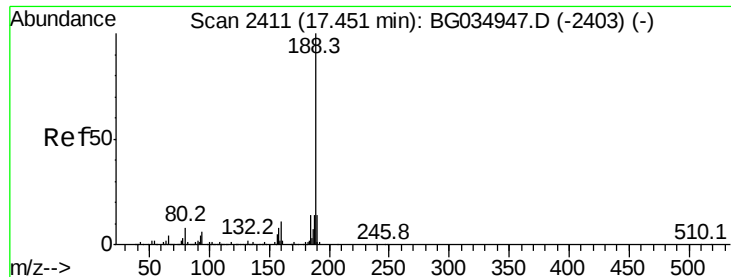
Tot Ion:138 Resp: 119655
Ion Ratio Lower Upper
138 100
92 57.7 40.1 80.1
108 101.3 65.4 105.4



#62
Azobenzene
Concen: 41.967 ng
RT: 16.01 min Scan# 2165
Delta R.T. -0.02 min
Lab File: BG035417.D
Acq: 26 Jun 2018 19:34

Tgt Ion: 77 Resp: 497838
Ion Ratio Lower Upper
77 100
182 29.9 7.4 47.4
105 18.9 0.3 40.3
51 26.0 11.6 51.6

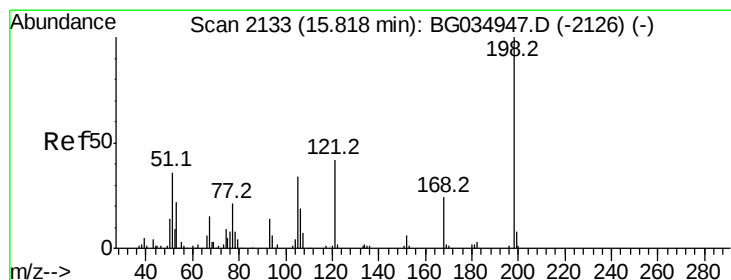
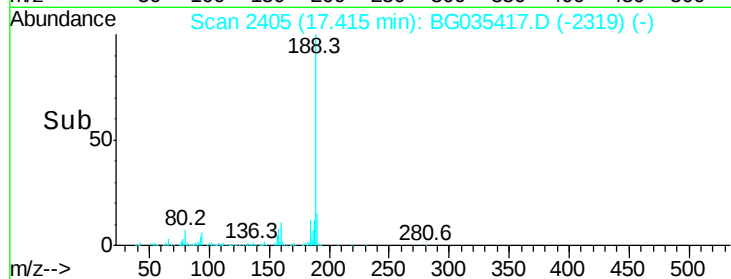
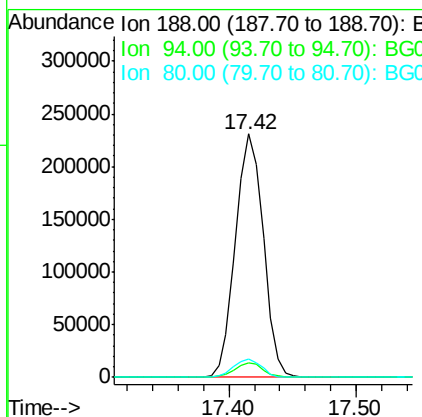
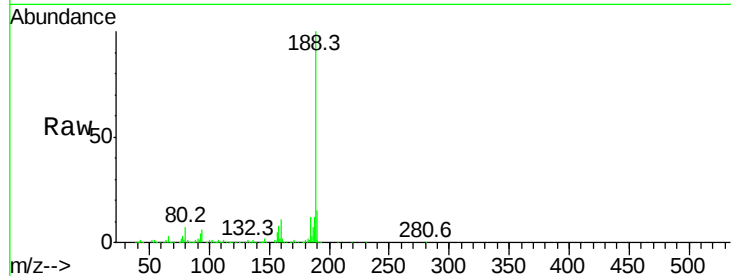




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.02 min
Lab File: BG035417.D
Acq: 26 Jun 2018 19:34

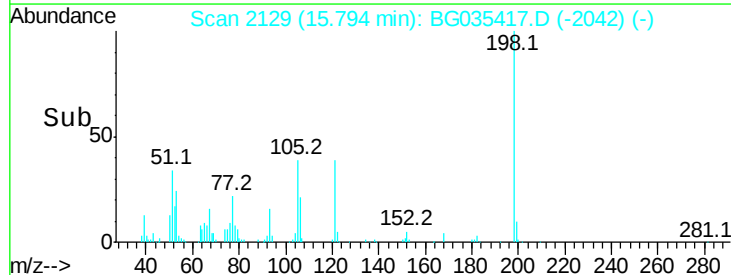
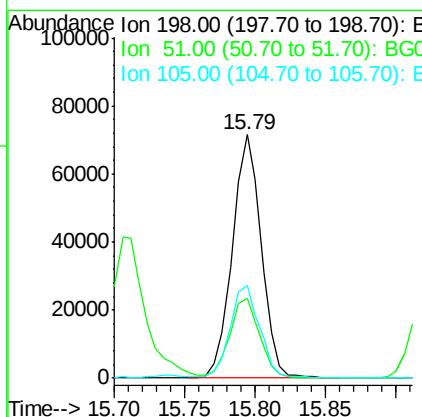
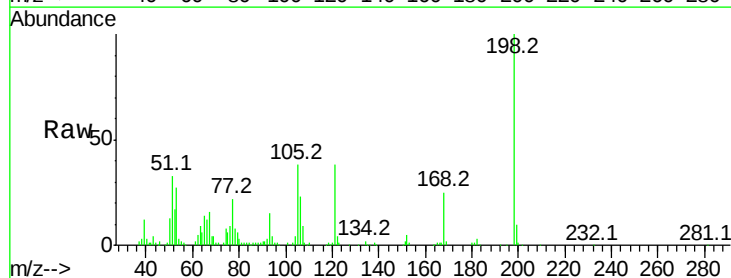
Instrument :
BNA_G
ClientSampleId :

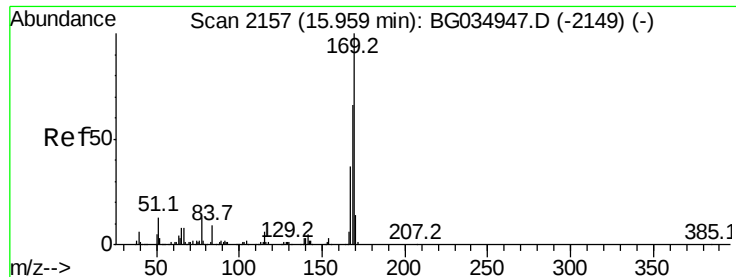
Tot Ion:188 Resp: 351759
Ion Ratio Lower Upper
188 100
94 5.8 6.9 10.3#
80 7.4 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 63.282 ng
RT: 15.79 min Scan# 2129
Delta R.T. -0.02 min
Lab File: BG035417.D
Acq: 26 Jun 2018 19:34

Tgt Ion:198 Resp: 101633
Ion Ratio Lower Upper
198 100
51 32.9 30.6 70.6
105 37.8 23.8 63.8





#65

n-Nitrosodiphenylamine

Concen: 42.765 ng

RT: 15.92 min Scan# 2151

Delta R.T. -0.02 min

Lab File: BG035417.D

Acq: 26 Jun 2018 19:34

Instrument :

BNA_G

ClientSampleId :

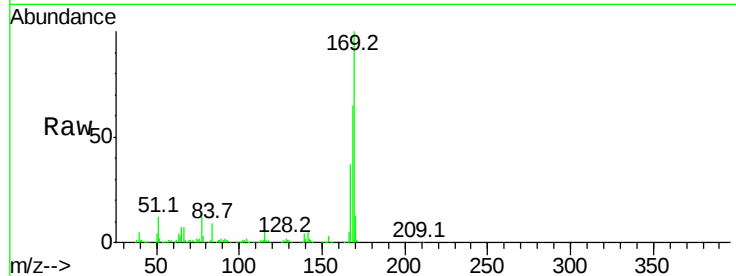
Tot Ion:169 Resp: 451759

Ion Ratio Lower Upper

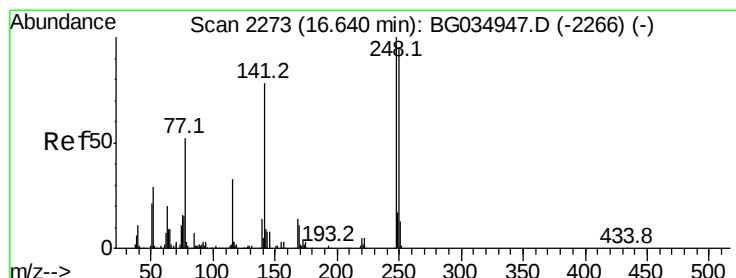
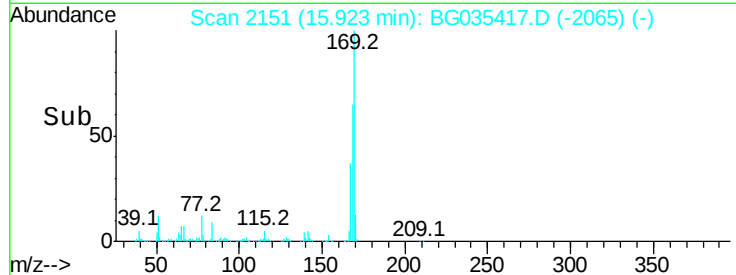
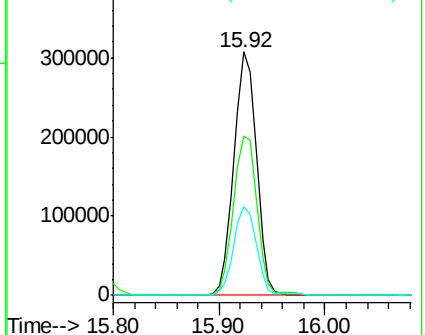
169 100

168 65.1 55.7 83.5

167 36.7 30.1 45.1



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 46.782 ng

RT: 16.60 min Scan# 2267

Delta R.T. -0.03 min

Lab File: BG035417.D

Acq: 26 Jun 2018 19:34

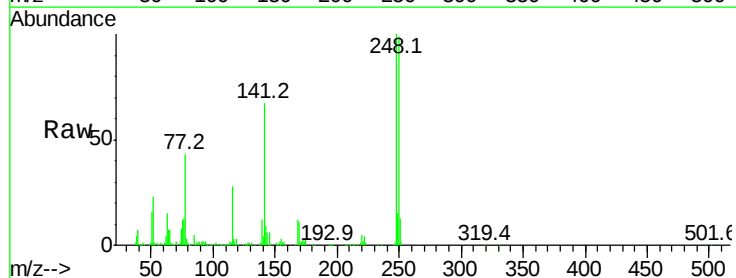
Tgt Ion:248 Resp: 198170

Ion Ratio Lower Upper

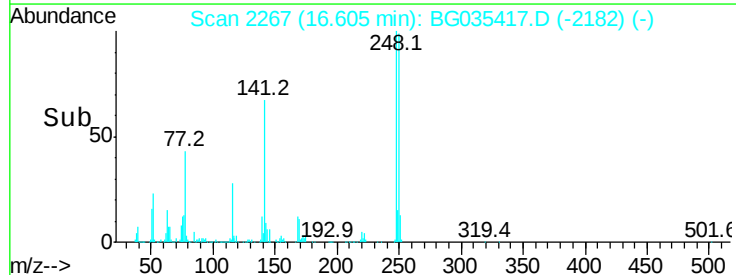
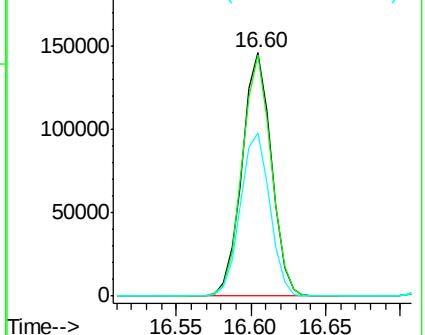
248 100

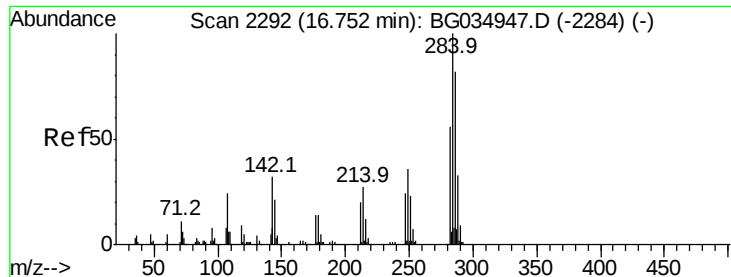
250 98.9 77.1 115.7

141 67.1 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

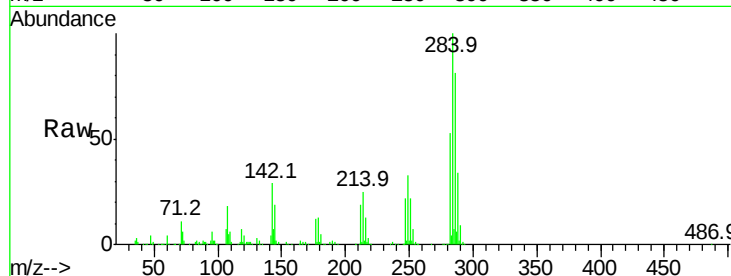




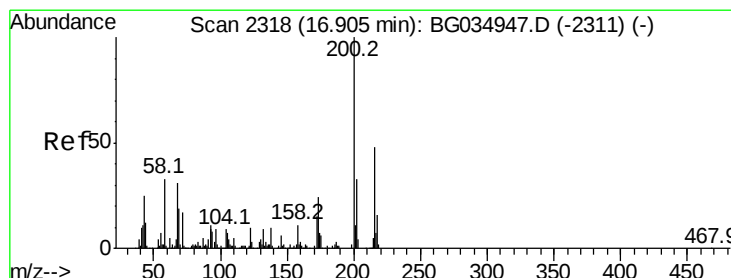
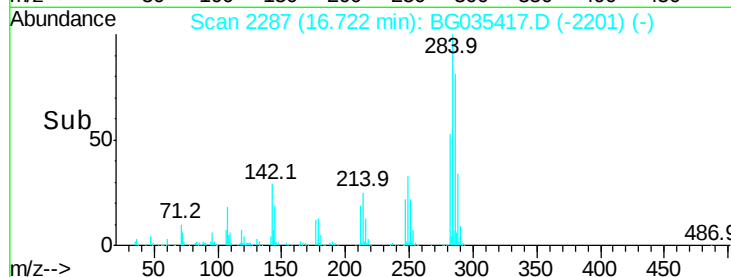
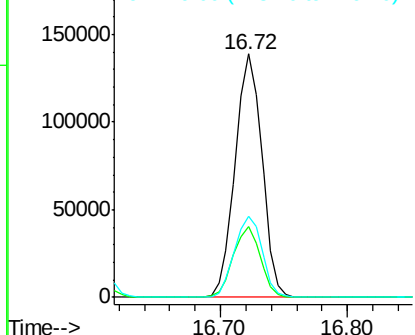
#67
Hexachlorobenzene
Concen: 47.109 ng
RT: 16.72 min Scan# 2287
Delta R.T. -0.02 min
Lab File: BG035417.D
Acq: 26 Jun 2018 19:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	28.9	26.8	40.2
249	33.4	26.3	39.5

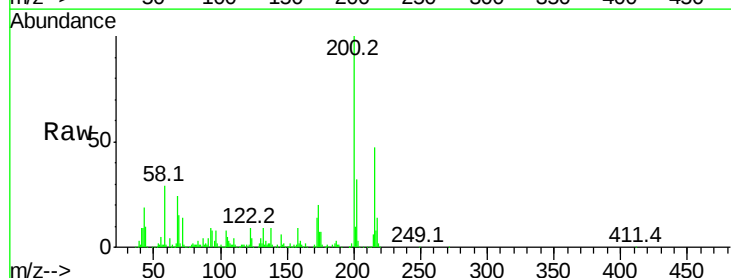


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

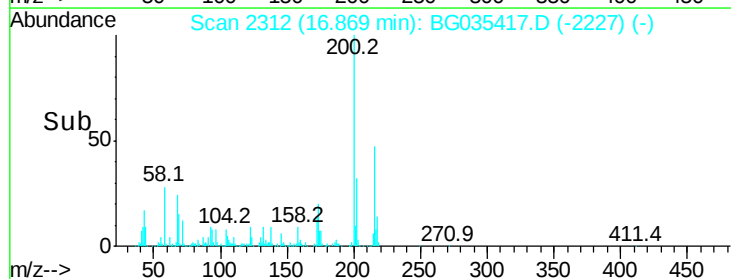
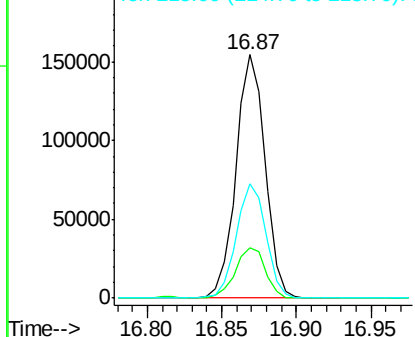


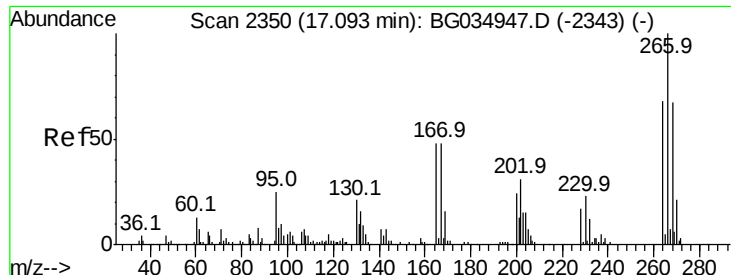
#68
Atrazine
Concen: 46.326 ng
RT: 16.87 min Scan# 2312
Delta R.T. -0.03 min
Lab File: BG035417.D
Acq: 26 Jun 2018 19:34

Tgt Ion	Ratio	Lower	Upper
200	100		
173	20.4	5.2	45.2
215	47.1	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: 87.764 ng

RT: 17.07 min Scan# 2346

Delta R.T. -0.02 min

Lab File: BG035417.D

Acq: 26 Jun 2018 19:34

Instrument :

BNA_G

ClientSampleId :

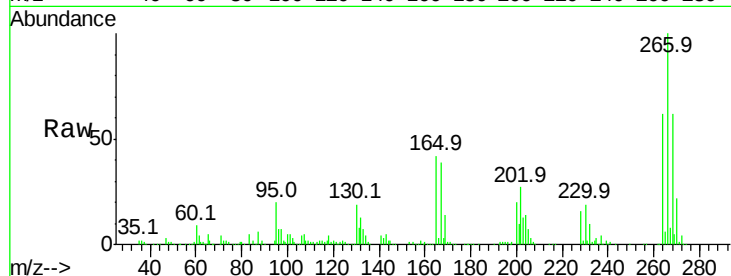
Tot Ion:266 Resp: 254447

Ion Ratio Lower Upper

266 100

268 62.2 51.1 76.7

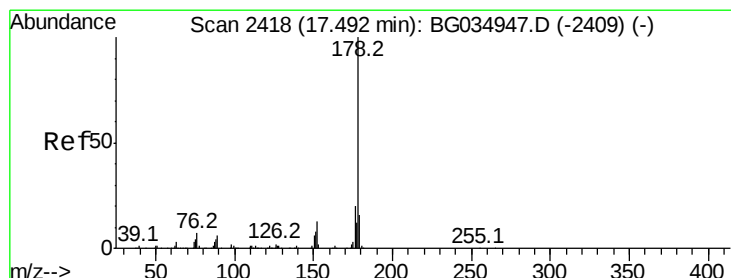
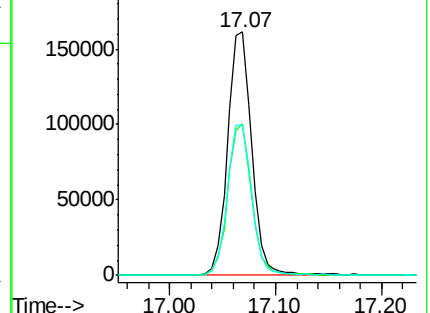
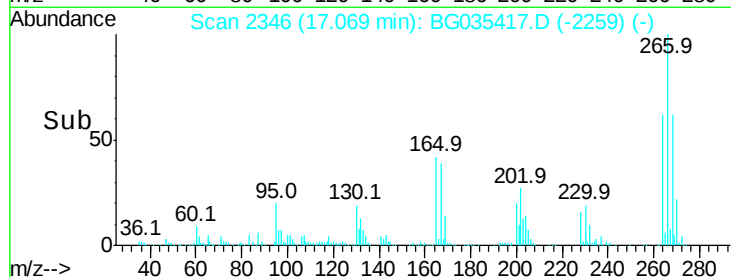
264 61.5 49.6 74.4



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 44.360 ng

RT: 17.46 min Scan# 2413

Delta R.T. -0.02 min

Lab File: BG035417.D

Acq: 26 Jun 2018 19:34

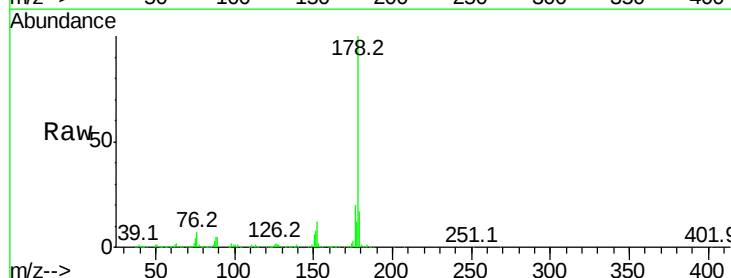
Tgt Ion:178 Resp: 792655

Ion Ratio Lower Upper

178 100

176 20.1 15.7 23.5

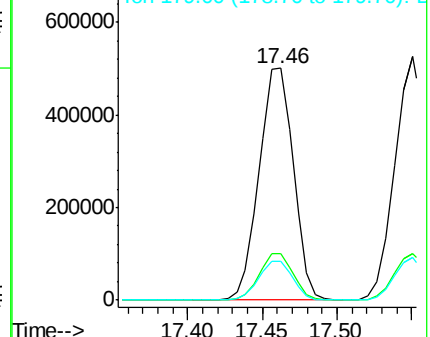
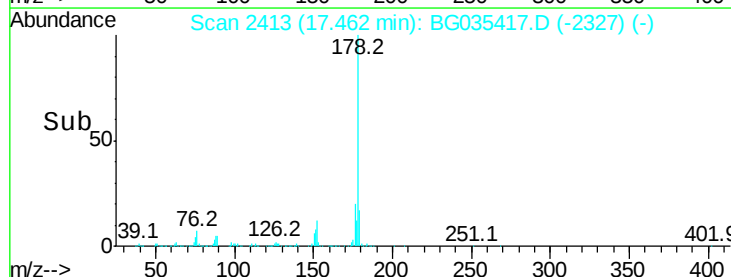
179 16.8 12.5 18.7

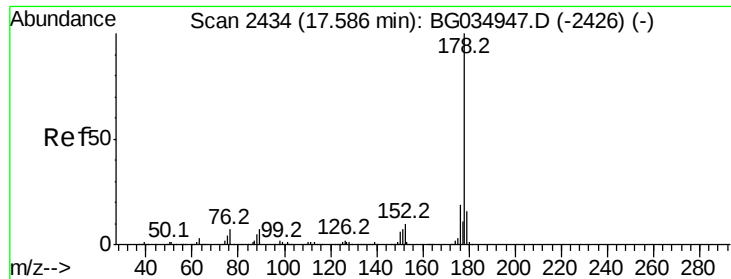


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 44.847 ng

RT: 17.55 min Scan# 2428

Delta R.T. -0.02 min

Lab File: BG035417.D

Acq: 26 Jun 2018 19:34

Instrument :

BNA_G

ClientSampleId :

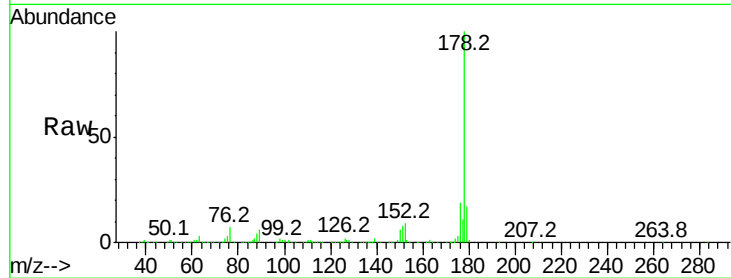
Tot Ion:178 Resp: 802711

Ion Ratio Lower Upper

178 100

176 19.0 16.0 24.0

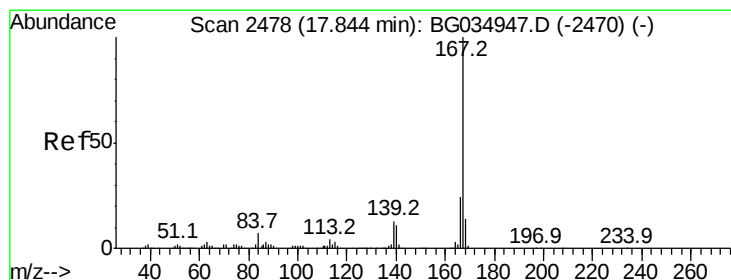
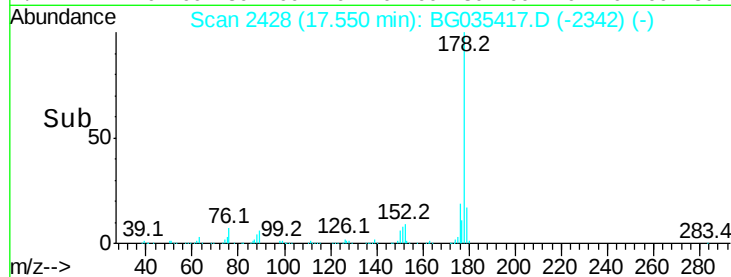
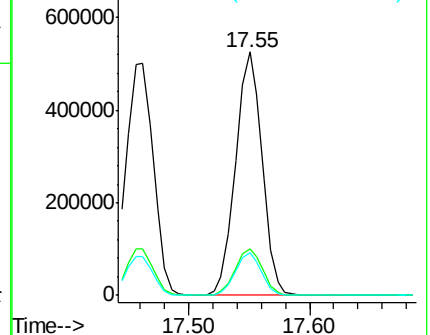
179 17.3 12.5 18.7



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



#72

Carbazole

Concen: 44.600 ng

RT: 17.81 min Scan# 2473

Delta R.T. -0.02 min

Lab File: BG035417.D

Acq: 26 Jun 2018 19:34

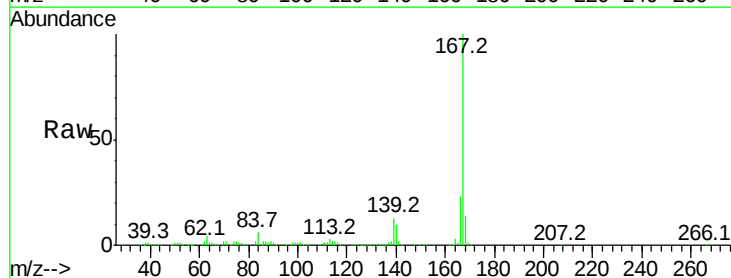
Tgt Ion:167 Resp: 740671

Ion Ratio Lower Upper

167 100

166 22.9 18.2 27.4

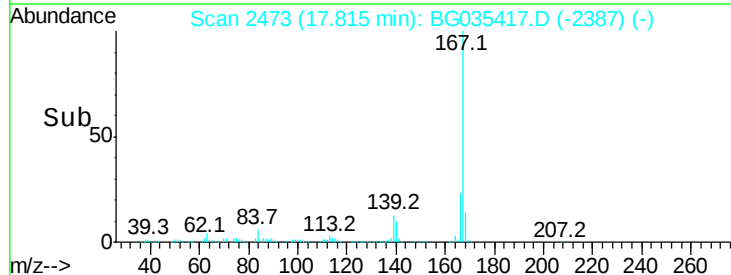
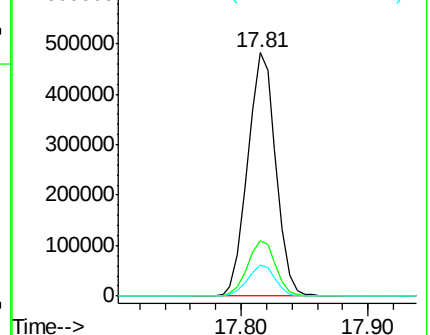
139 12.9 9.4 14.2

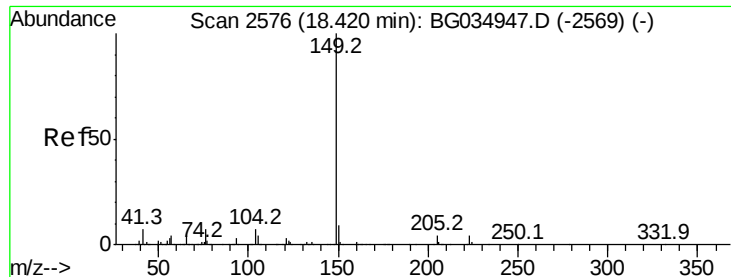


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 40.812 ng

RT: 18.37 min Scan# 2568

Delta R.T. -0.04 min

Lab File: BG035417.D

Acq: 26 Jun 2018 19:34

Instrument :

BNA_G

ClientSampleId :

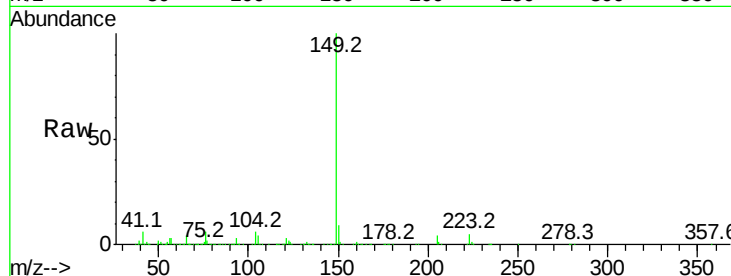
Tot Ion:149 Resp: 807842

Ion Ratio Lower Upper

149 100

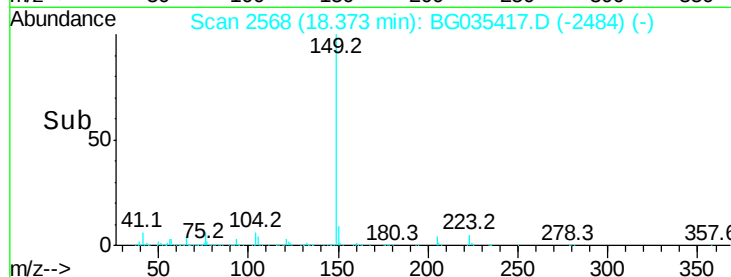
150 9.4 7.8 11.6

104 6.5 3.9 5.9#

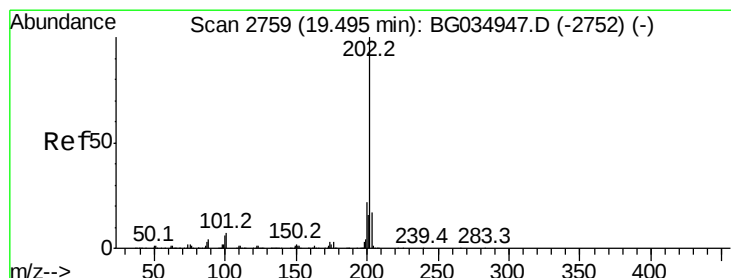


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

18.37



Time--> 18.30 18.40



#74

Fluoranthene

Concen: 43.399 ng

RT: 19.47 min Scan# 2754

Delta R.T. -0.02 min

Lab File: BG035417.D

Acq: 26 Jun 2018 19:34

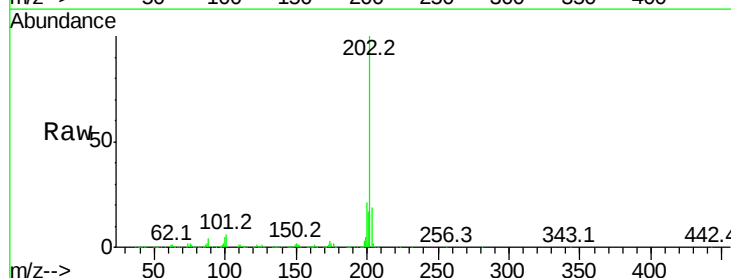
Tgt Ion:202 Resp: 1009103

Ion Ratio Lower Upper

202 100

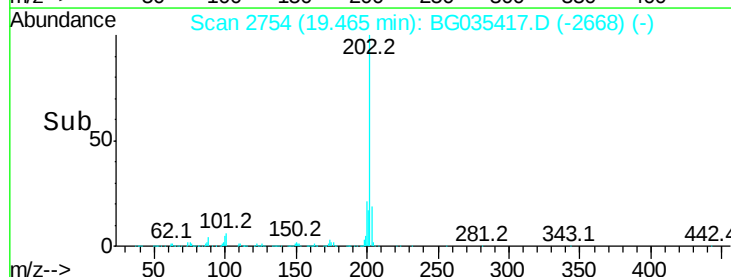
101 6.5 0.0 28.9

203 19.0 0.0 37.5

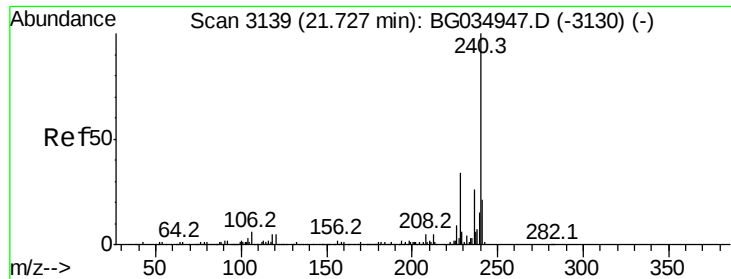


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

19.47



Time--> 19.40 19.45 19.50



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3132

Delta R.T. -0.03 min

Lab File: BG035417.D

Acq: 26 Jun 2018 19:34

Instrument :

BNA_G

ClientSampled :

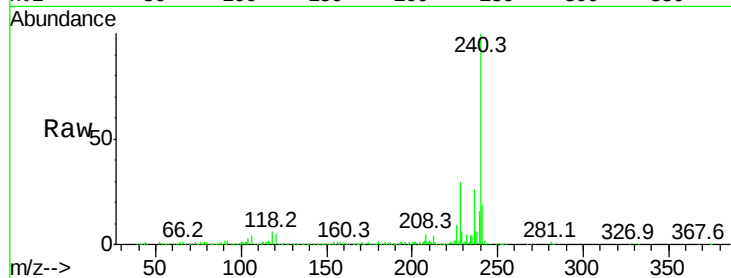
Tot Ion:240 Resp: 361058

Ion Ratio Lower Upper

240 100

120 4.6 6.8 10.2#

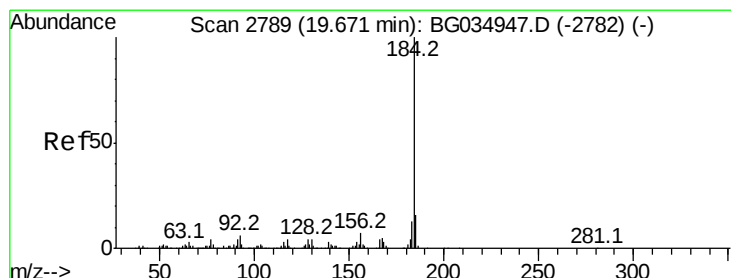
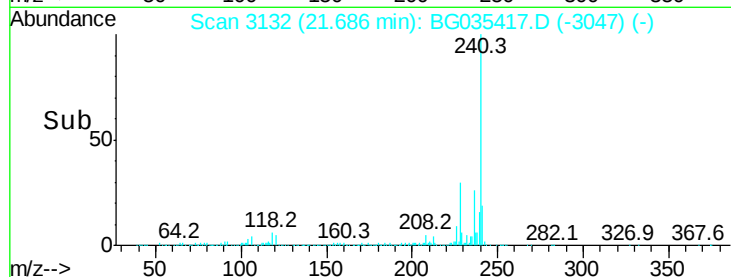
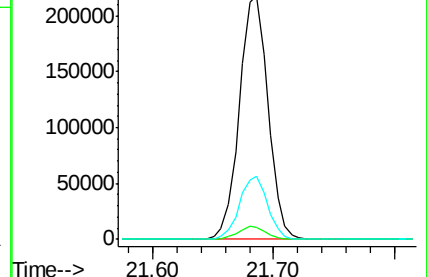
236 25.8 20.9 31.3



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: 48.832 ng

RT: 19.64 min Scan# 2784

Delta R.T. -0.02 min

Lab File: BG035417.D

Acq: 26 Jun 2018 19:34

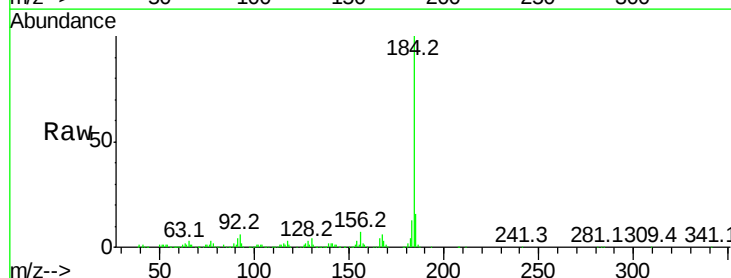
Tgt Ion:184 Resp: 655942

Ion Ratio Lower Upper

184 100

185 15.8 11.1 16.7

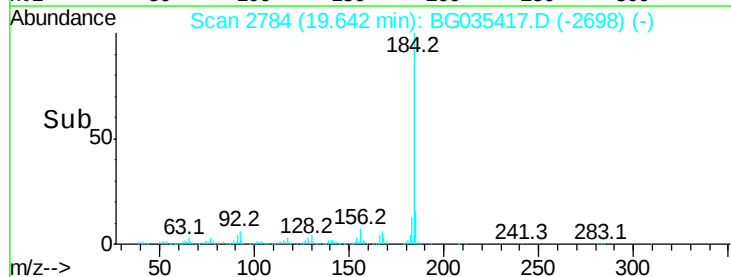
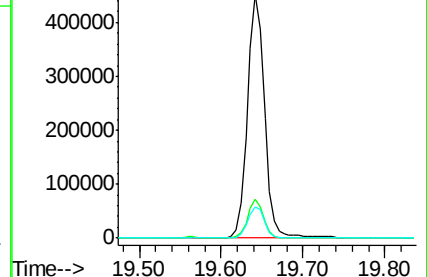
183 12.9 10.6 16.0

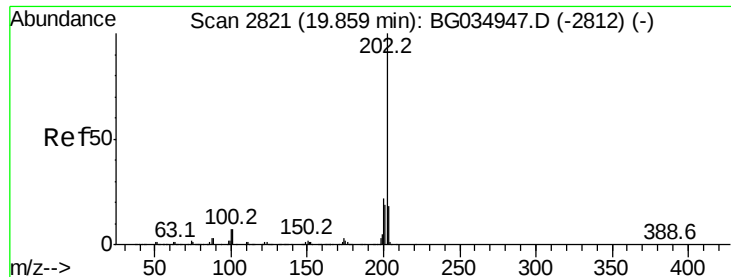


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 41.715 ng

RT: 19.82 min Scan# 2815

Delta R.T. -0.02 min

Lab File: BG035417.D

Acq: 26 Jun 2018 19:34

Instrument :

BNA_G

ClientSampleId :

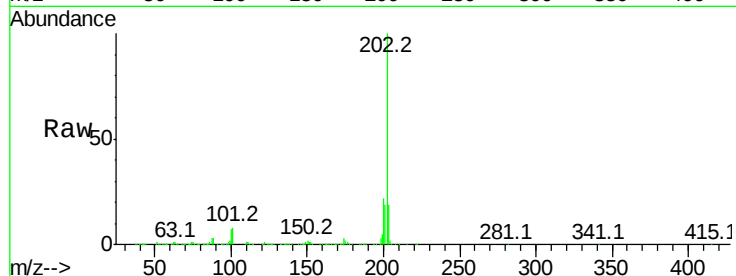
Tot Ion:202 Resp: 992925

Ion Ratio Lower Upper

202 100

200 21.9 16.9 25.3

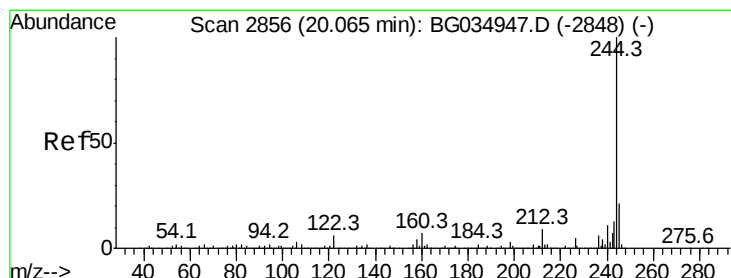
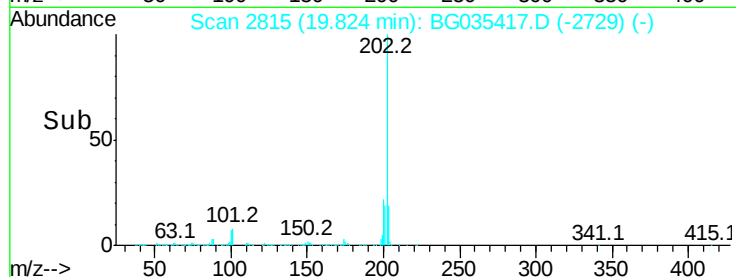
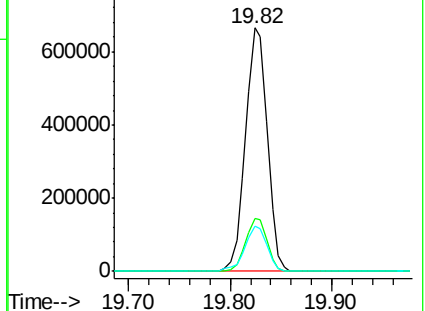
203 18.8 13.9 20.9



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: 86.031 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035417.D

Acq: 26 Jun 2018 19:34

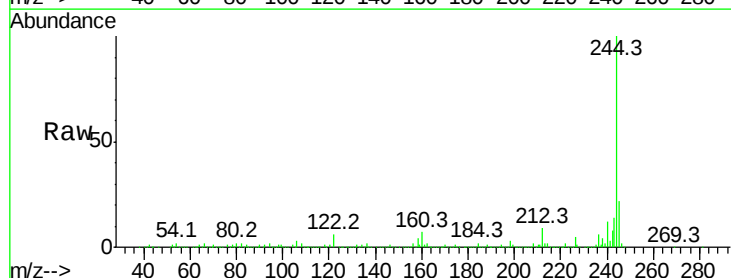
Tgt Ion:244 Resp: 1482904

Ion Ratio Lower Upper

244 100

212 9.4 5.8 8.8#

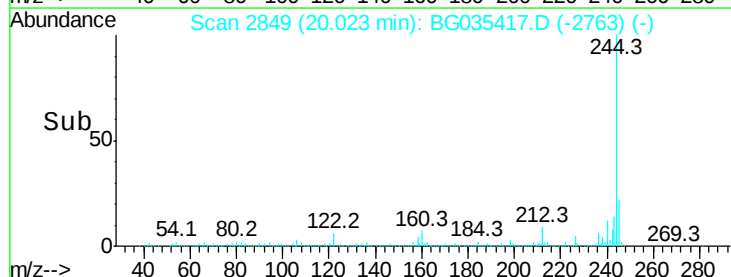
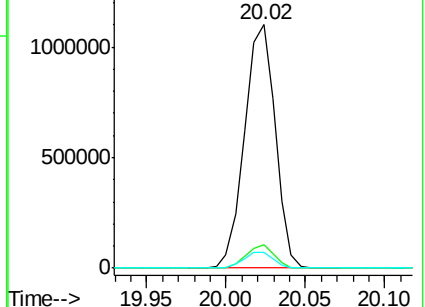
122 6.2 7.0 10.4#

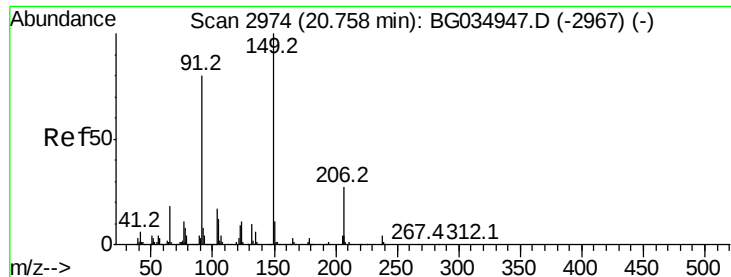


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

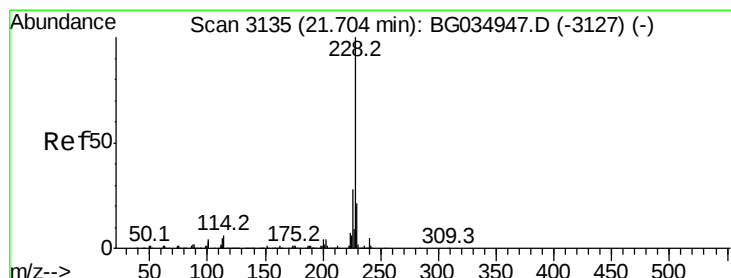
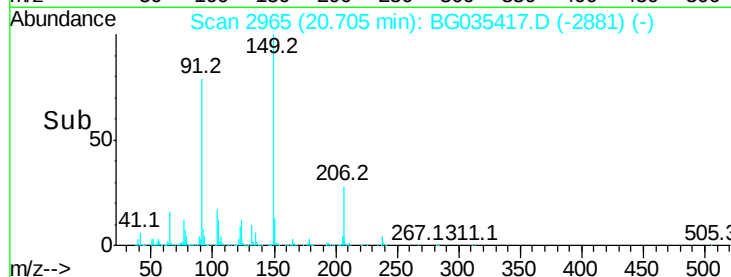
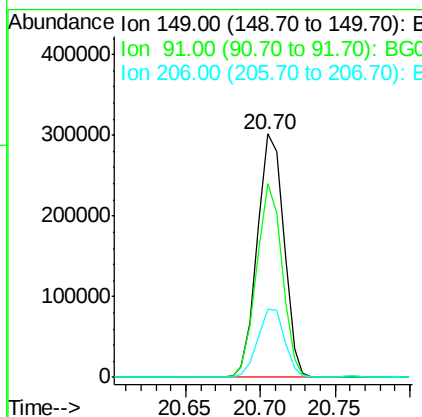
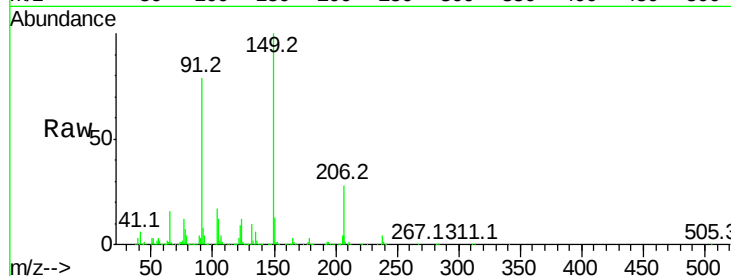




#79
Butylbenzylphthalate
Concen: 42.916 ng
RT: 20.70 min Scan# 2965
Delta R.T. -0.04 min
Lab File: BG035417.D
Acq: 26 Jun 2018 19:34

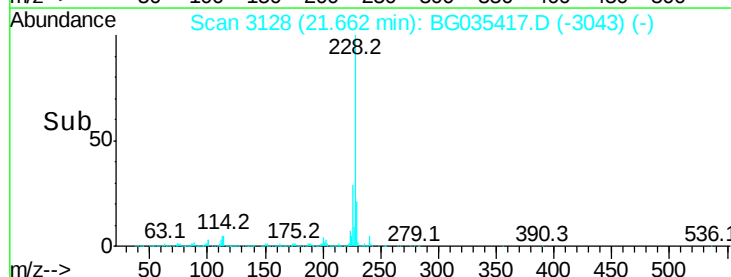
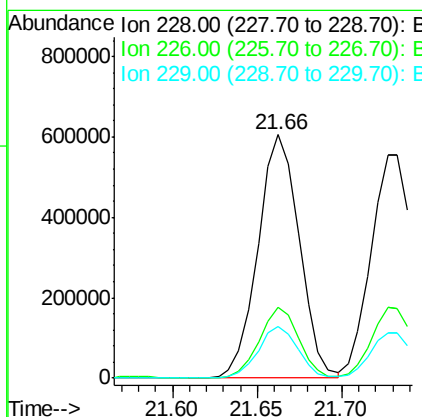
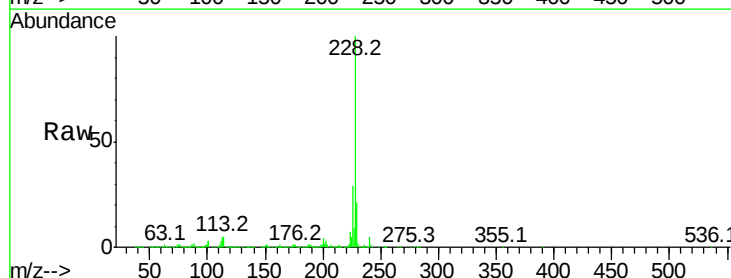
Instrument :
BNA_G
ClientSampleId :

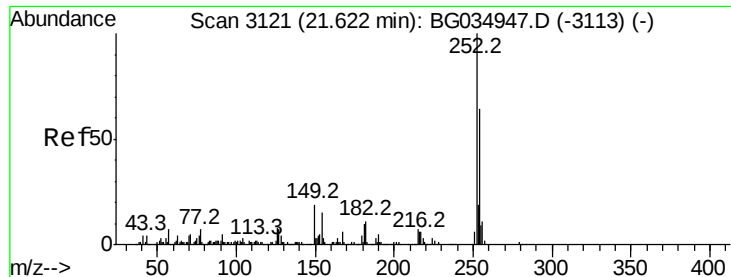
Tot Ion:149 Resp: 370932
Ion Ratio Lower Upper
149 100
91 79.4 62.2 93.2
206 27.9 18.6 27.8#



#80
Benzo(a)anthracene
Concen: 44.406 ng
RT: 21.66 min Scan# 3128
Delta R.T. -0.03 min
Lab File: BG035417.D
Acq: 26 Jun 2018 19:34

Tgt Ion:228 Resp: 1024574
Ion Ratio Lower Upper
228 100
226 28.9 22.7 34.1
229 21.0 16.2 24.2

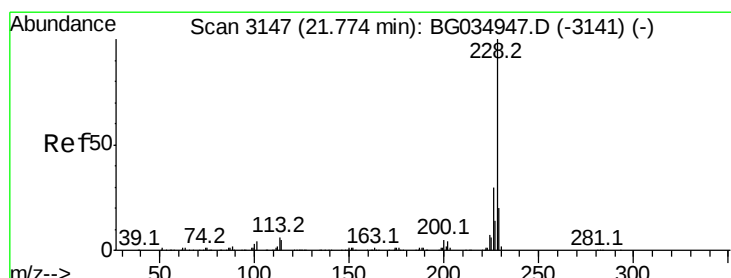
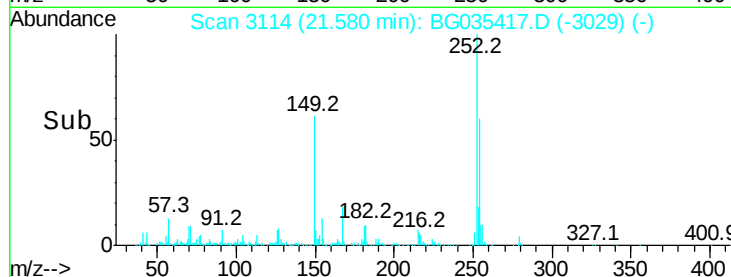
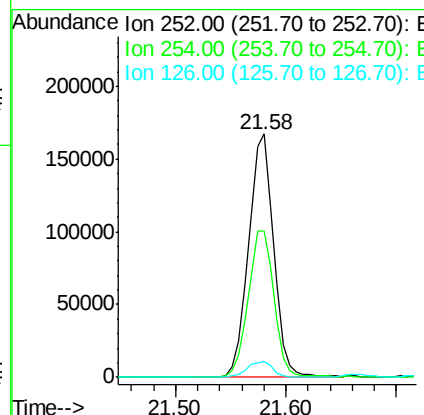
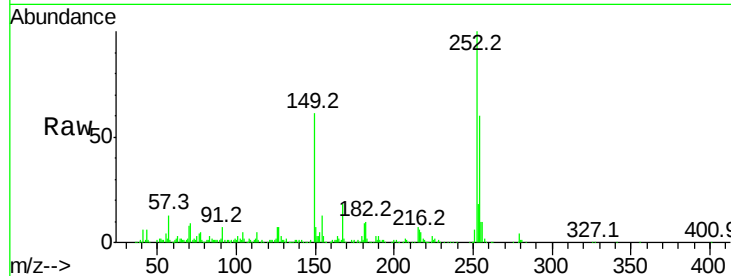




#81
 3,3'-Dichlorobenzidine
 Concen: 30.821 ng
 RT: 21.58 min Scan# 3114
 Delta R.T. -0.03 min
 Lab File: BG035417.D
 Acq: 26 Jun 2018 19:34

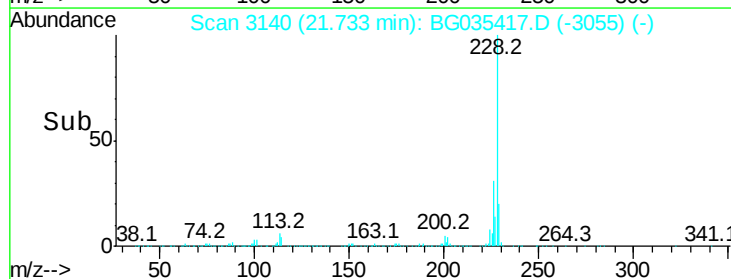
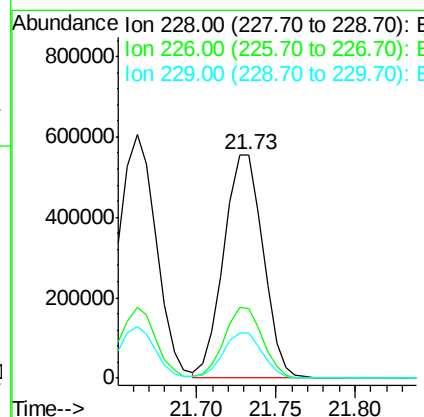
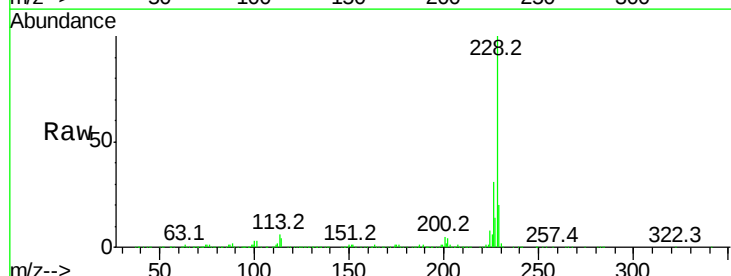
Instrument :
 BNA_G
 ClientSampleId :

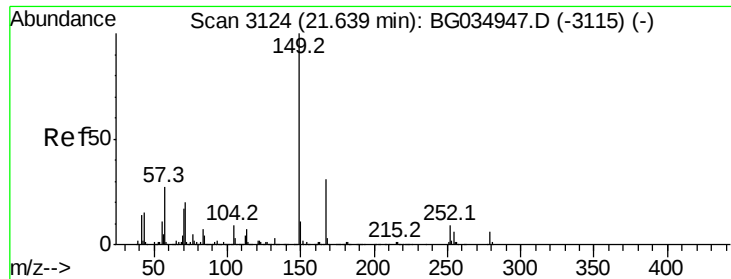
Tot Ion	Ratio	Lower	Upper
252	100		
254	60.1	50.8	76.2
126	6.7	7.4	11.2#



#82
 Chrysene
 Concen: 45.498 ng
 RT: 21.73 min Scan# 3140
 Delta R.T. -0.03 min
 Lab File: BG035417.D
 Acq: 26 Jun 2018 19:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.9	37.3
229	20.3	15.0	22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.270 ng

RT: 21.57 min Scan# 3112

Delta R.T. -0.05 min

Lab File: BG035417.D

Acq: 26 Jun 2018 19:34

Instrument :

BNA_G

ClientSampleId :

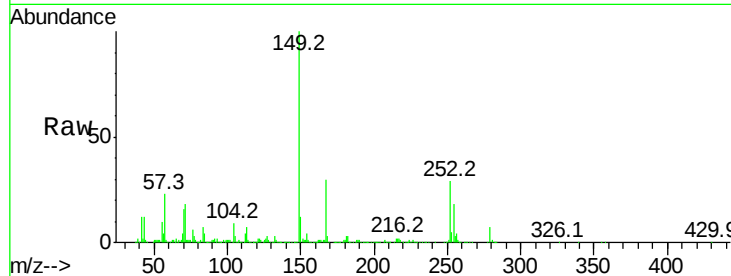
Tot Ion:149 Resp: 516231

Ion Ratio Lower Upper

149 100

167 30.4 24.3 36.5

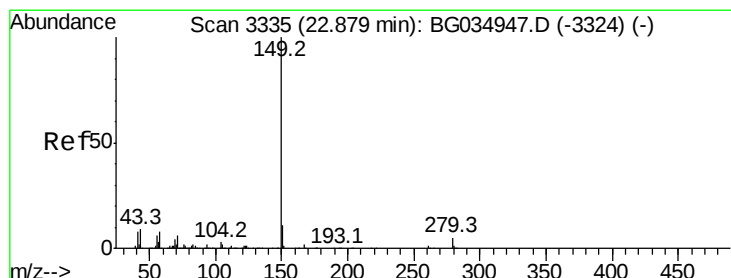
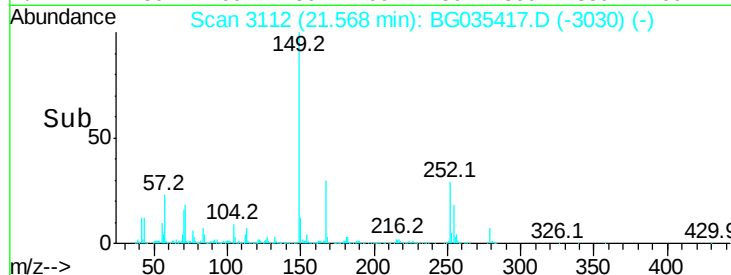
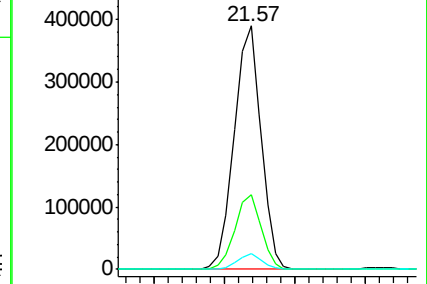
279 6.6 4.0 6.0#



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: 42.532 ng

RT: 22.78 min Scan# 3318

Delta R.T. -0.07 min

Lab File: BG035417.D

Acq: 26 Jun 2018 19:34

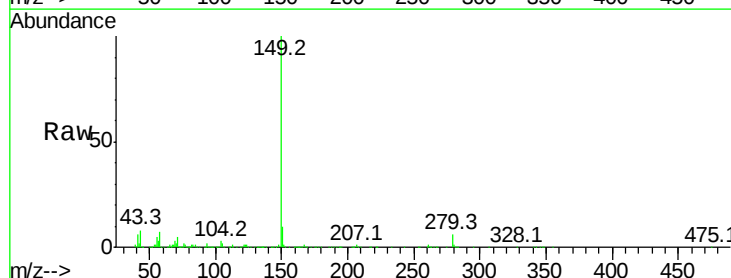
Tgt Ion:149 Resp: 891145

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

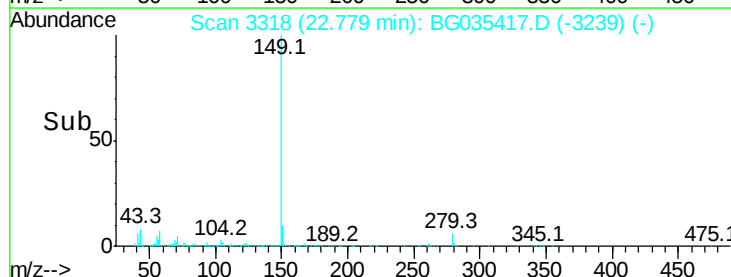
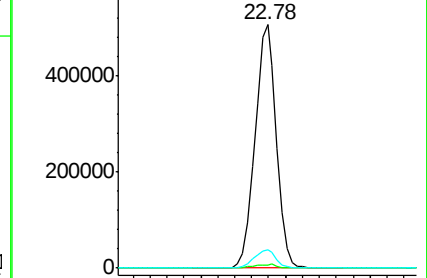
43 7.7 8.9 13.3#

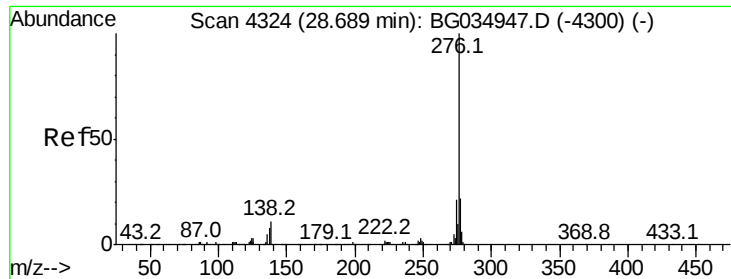


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG

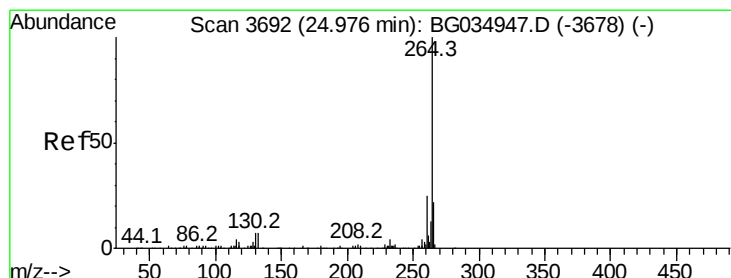
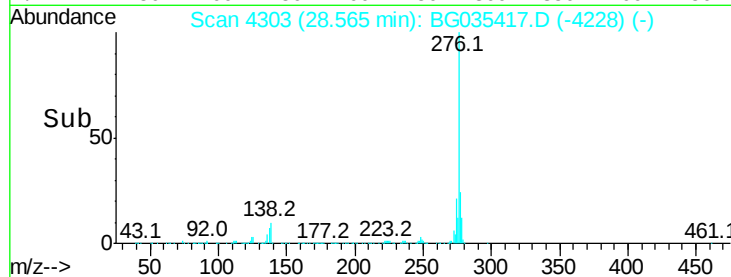
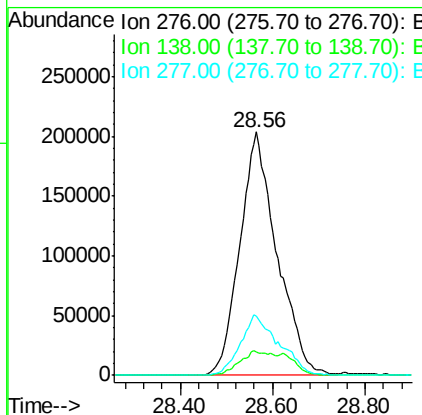
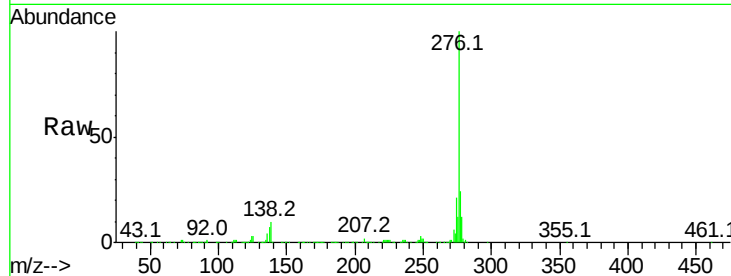




#85
Indeno(1,2,3-cd)pyrene
Concen: 45.966 ng
RT: 28.56 min Scan# 4303
Delta R.T. -0.09 min
Lab File: BG035417.D
Acq: 26 Jun 2018 19:34

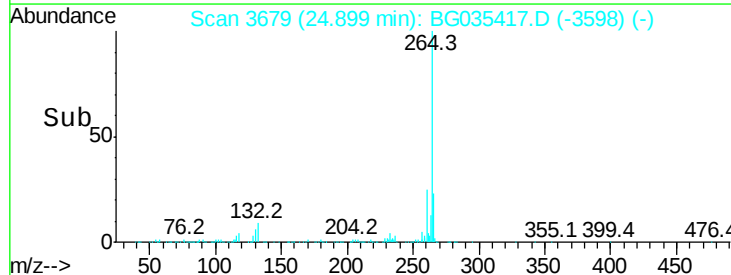
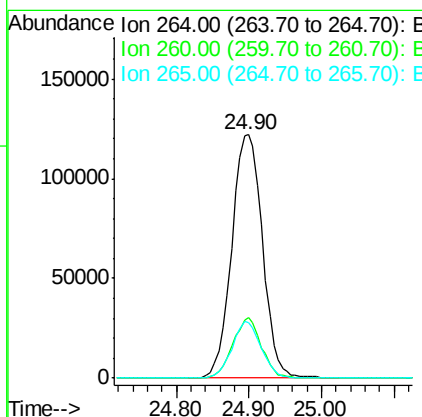
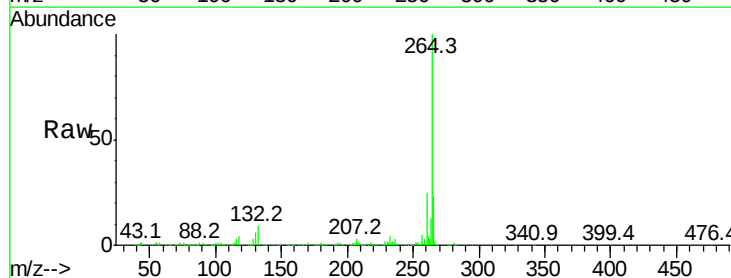
Instrument :
BNA_G
ClientSampled :

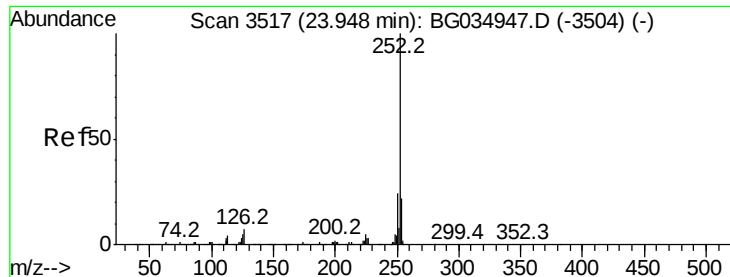
Tot Ion:276 Resp: 1137262
Ion Ratio Lower Upper
276 100
138 6.1 16.0 24.0#
277 25.9 20.0 30.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.90 min Scan# 3679
Delta R.T. -0.05 min
Lab File: BG035417.D
Acq: 26 Jun 2018 19:34

Tgt Ion:264 Resp: 358635
Ion Ratio Lower Upper
264 100
260 24.8 17.4 26.0
265 22.9 17.7 26.5

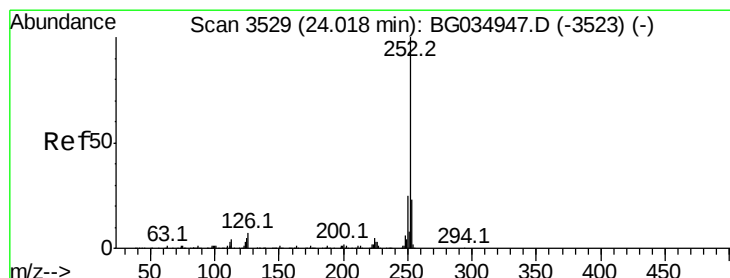
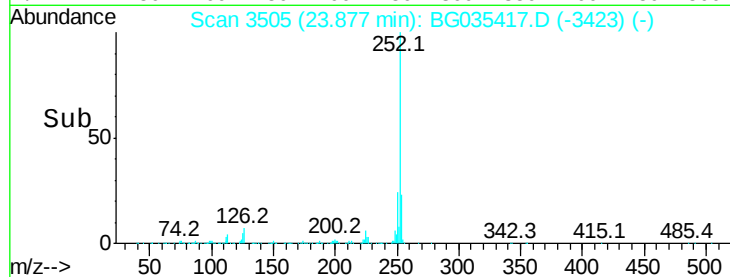
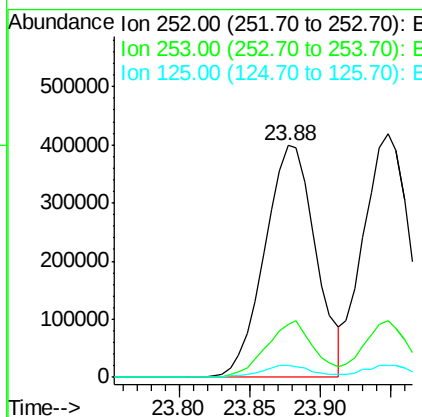
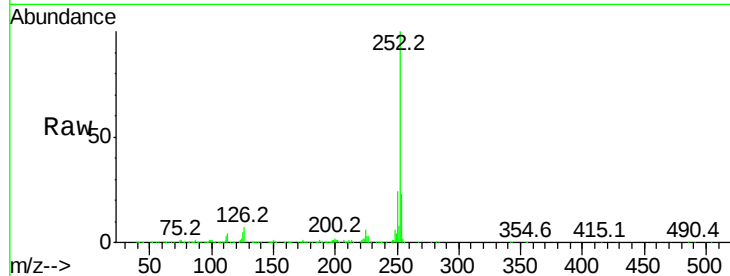




#87
Benzo(b)fluoranthene
Concen: 45.674 ng
RT: 23.88 min Scan# 3505
Delta R.T. -0.05 min
Lab File: BG035417.D
Acq: 26 Jun 2018 19:34

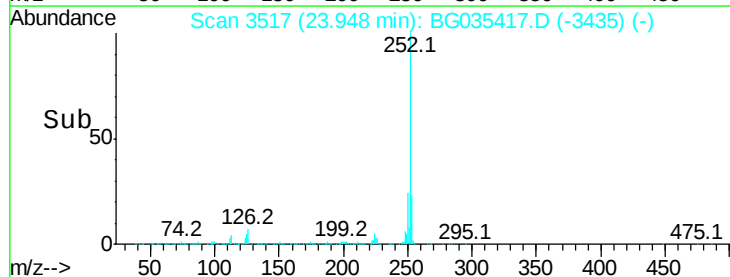
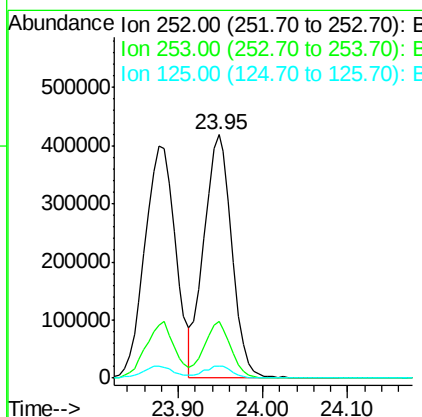
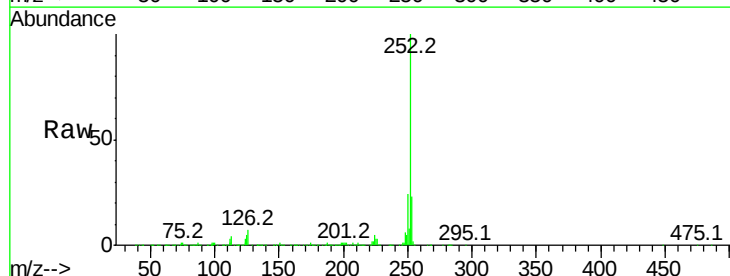
Instrument :
BNA_G
ClientSampleId :

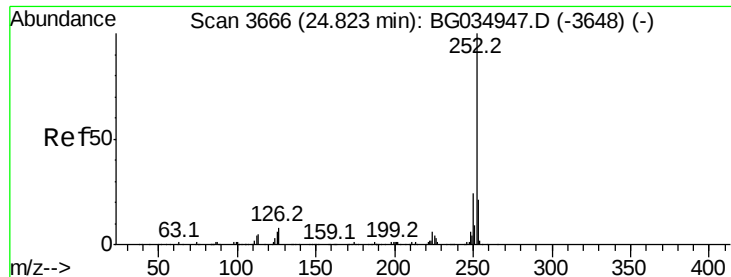
Tot Ion:252 Resp: 1008732
Ion Ratio Lower Upper
252 100
253 23.0 18.2 27.4
125 5.1 7.2 10.8#



#88
Benzo(k)fluoranthene
Concen: 44.583 ng
RT: 23.95 min Scan# 3517
Delta R.T. -0.05 min
Lab File: BG035417.D
Acq: 26 Jun 2018 19:34

Tgt Ion:252 Resp: 963191
Ion Ratio Lower Upper
252 100
253 23.2 17.4 26.2
125 5.1 6.6 9.8#





#89

Benzo(a)pyrene

Concen: 46.373 ng

RT: 24.75 min Scan# 3653

Delta R.T. -0.06 min

Lab File: BG035417.D

Acq: 26 Jun 2018 19:34

Instrument :

BNA_G

ClientSampleId :

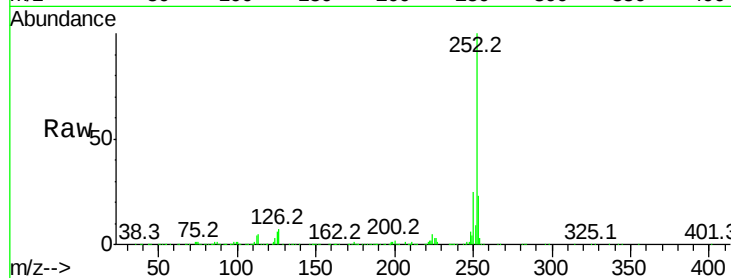
Tot Ion:252 Resp: 963714

Ion Ratio Lower Upper

252 100

253 23.4 18.3 27.5

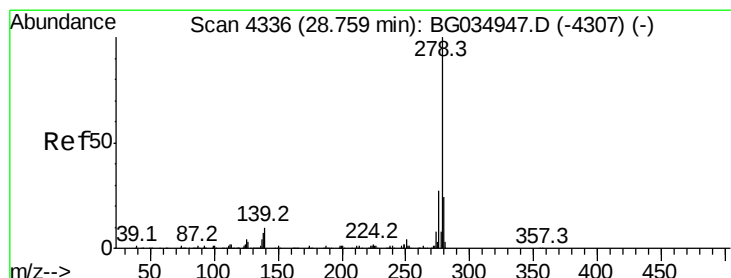
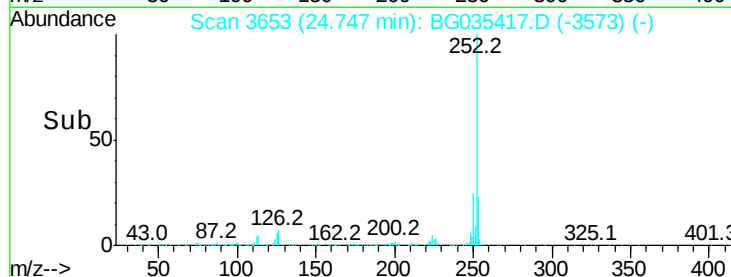
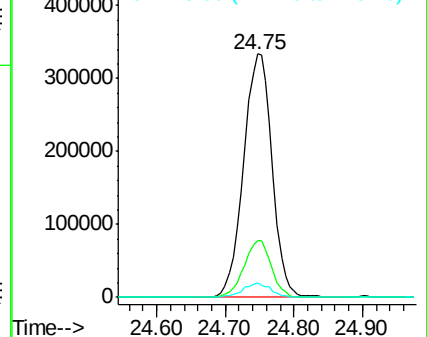
125 5.8 7.3 10.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 44.929 ng

RT: 28.62 min Scan# 4313

Delta R.T. -0.10 min

Lab File: BG035417.D

Acq: 26 Jun 2018 19:34

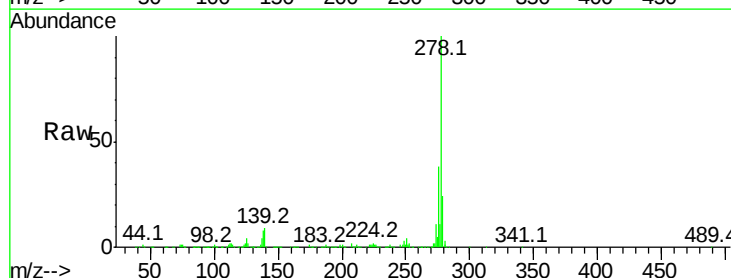
Tgt Ion:278 Resp: 921733

Ion Ratio Lower Upper

278 100

139 8.7 9.8 14.6#

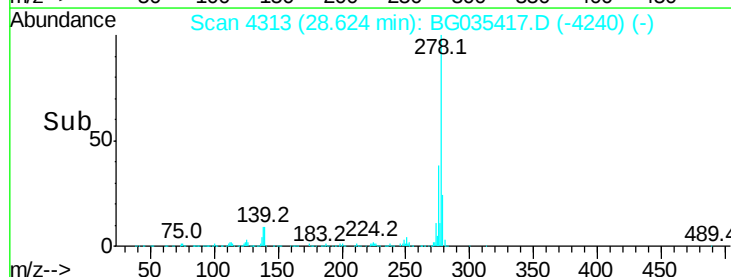
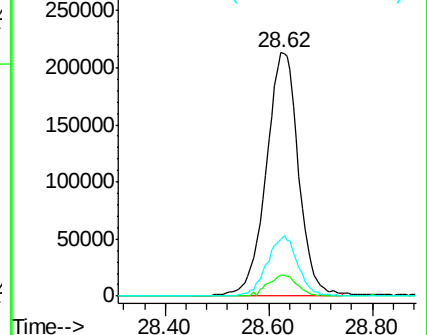
279 23.5 18.4 27.6

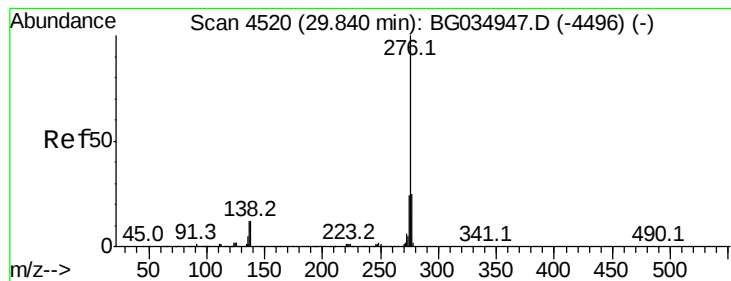


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 47.427 ng

RT: 29.72 min Scan# 4499

Delta R.T. -0.09 min

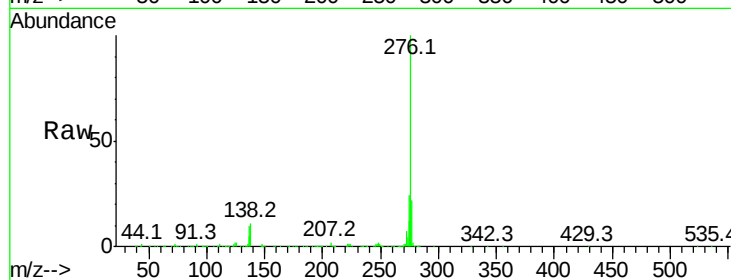
Lab File: BG035417.D

Acq: 26 Jun 2018 19:34

Instrument :

BNA_G

ClientSampleId :



Tot Ion:	276	Resp:	952191
Ion	Ratio	Lower	Upper
276	100		
277	22.5	18.3	27.5
138	11.3	13.9	20.9#

