

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061118\
 Data File : BG035045.D
 Acq On : 12 Jun 2018 00:03
 Operator : SJ/JU
 Sample : PB110103BSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 12 05:57:58 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	8.07	152	50871	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	204466	20.00	ng	0.00
38) Acenaphthene-d10	14.69	164	155046	20.00	ng	0.00
63) Phenanthrene-d10	17.44	188	426616	20.00	ng	0.00
75) Chrysene-d12	21.71	240	437491	20.00	ng	0.00
86) Perylene-d12	24.94	264	439361	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.64	112	444129	147.34	ng	0.00
7) Phenol-d6	7.23	99	677263	152.23	ng	0.00
23) Nitrobenzene-d5	9.23	82	421688	98.03	ng	0.00
41) 2,4,6-Tribromophenol	16.18	330	317942	160.19	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	996509	83.55	ng	0.00
78) Terphenyl-d14	20.05	244	1793614	85.88	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.55	88	44278	30.787	ng	# 74
3) Pyridine	3.95	79	134112	34.560	ng	# 76
4) n-Nitrosodimethylamine	3.86	42	55863	33.509	ng	# 71
6) Aniline	7.39	93	169224	29.426	ng	100
8) 2-Chlorophenol	7.63	128	139731	44.223	ng	99
9) Benzaldehyde	7.21	77	66852	19.508	ng	98
10) Phenol	7.25	94	216653	47.055	ng	93
11) bis(2-Chloroethyl)ether	7.49	93	138862	38.857	ng	88
12) 1,3-Dichlorobenzene	8.10	146	151810	40.268	ng	97
13) 1,4-Dichlorobenzene	8.10	146	151810	39.008	ng	96
14) 1,2-Dichlorobenzene	8.42	146	145520	39.808	ng	99
15) Benzyl Alcohol	8.30	79	180475	42.810	ng	89
16) 2,2'-oxybis(1-Chloropropan	8.59	45	158271	44.497	ng	79
17) 2-Methylphenol	8.50	107	144125	47.479	ng	# 93
18) Hexachloroethane	9.16	117	56144	40.296	ng	90
19) n-Nitroso-di-n-propylamine	8.87	70	134902	35.690	ng	# 82
20) 3+4-Methylphenols	8.83	107	206687	47.503	ng	94
22) Acetophenone	8.89	105	244344	38.578	ng	# 91
24) Nitrobenzene	9.27	77	200508	45.521	ng	95
25) Isophorone	9.80	82	400060	44.051	ng	98
26) 2-Nitrophenol	9.98	139	84330	55.543	ng	# 89
27) 2,4-Dimethylphenol	10.04	122	158144	49.555	ng	96
28) bis(2-Chloroethoxy)methane	10.28	93	206765	42.367	ng	95
29) 2,4-Dichlorophenol	10.52	162	175693	50.596	ng	92
30) 1,2,4-Trichlorobenzene	10.74	180	175555	42.162	ng	98
31) Naphthalene	10.93	128	444106	41.811	ng	97
32) Benzoic acid	10.18	122	121413	56.800	ng	95
33) 4-Chloroaniline	11.03	127	82569	17.903	ng	97
34) Hexachlorobutadiene	11.21	225	127685	39.430	ng	96
35) Caprolactam	11.81	113	40942	31.903	ng	# 71
36) 4-Chloro-3-methylphenol	12.15	107	220669	50.980	ng	93
37) 2-Methylnaphthalene	12.53	142	355671	44.166	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	240030	41.563	ng	99
40) Hexachlorocyclopentadiene	12.87	237	321894	88.883	ng	93

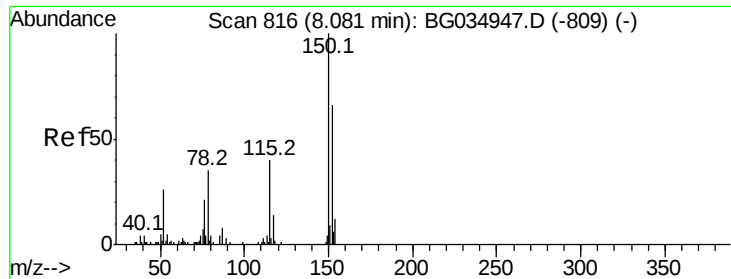
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061118\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.13	196	164802	47.658	ng	93
43) 2,4,5-Trichlorophenol	13.20	196	182502	48.084	ng	98
45) 1,1'-Biphenyl	13.53	154	499294	40.048	ng	98
46) 2-Chloronaphthalene	13.57	162	388225	41.187	ng	97
47) 2-Nitroaniline	13.77	65	144320	51.850	ng	94
48) Acenaphthylene	14.42	152	662320	41.904	ng	98
49) Dimethylphthalate	14.15	163	553943	40.971	ng	99
50) 2,6-Dinitrotoluene	14.27	165	124310	50.398	ng	93
51) Acenaphthene	14.76	154	399263	38.662	ng	98
52) 3-Nitroaniline	14.59	138	75671	31.264	ng	# 96
53) 2,4-Dinitrophenol	14.80	184	108115	108.305	ng	# 67
54) Dibenzofuran	15.09	168	652792	42.207	ng	94
55) 4-Nitrophenol	14.90	139	200861	98.331	ng	# 87
56) 2,4-Dinitrotoluene	15.05	165	185739	56.687	ng	93
57) Fluorene	15.74	166	543445	42.043	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.31	232	190685	51.716	ng	# 95
59) Diethylphthalate	15.51	149	562890	40.806	ng	96
60) 4-Chlorophenyl-phenylether	15.73	204	307146	41.671	ng	97
61) 4-Nitroaniline	15.76	138	127529	49.131	ng	# 86
62) Azobenzene	16.02	77	570334	42.192	ng	95
64) 4,6-Dinitro-2-methylphenol	15.81	198	96365	49.474	ng	80
65) n-Nitrosodiphenylamine	15.95	169	491077	38.330	ng	98
66) 4-Bromophenyl-phenylether	16.63	248	215264	41.901	ng	94
67) Hexachlorobenzene	16.74	284	217712	41.635	ng	96
68) Atrazine	16.89	200	226333	41.426	ng	96
69) Pentachlorophenol	17.08	266	258594	73.543	ng	99
70) Phenanthrene	17.48	178	880162	40.614	ng	97
71) Anthracene	17.57	178	913122	42.064	ng	98
72) Carbazole	17.84	167	834803	41.447	ng	98
73) Di-n-butylphthalate	18.40	149	959086	39.951	ng	# 98
74) Fluoranthene	19.48	202	1160544	41.154	ng	97
76) Benzidine	19.66	184	415796	25.546	ng	96
77) Pyrene	19.84	202	1154322	40.023	ng	97
79) Butylbenzylphthalate	20.73	149	446864	42.669	ng	# 96
80) Benzo(a)anthracene	21.69	228	1185536	42.406	ng	98
81) 3,3'-Dichlorobenzidine	21.60	252	272061	25.866	ng	99
82) Chrysene	21.76	228	1088013	42.506	ng	98
83) Bis(2-ethylhexyl)phthalate	21.60	149	604598	40.856	ng	97
84) Di-n-octyl phthalate	22.83	149	1051561	41.420	ng	# 94
85) Indeno(1,2,3-cd)pyrene	28.64	276	1320151	44.036	ng	# 85
87) Benzo(b)fluoranthene	23.92	252	1171985	43.316	ng	# 96
88) Benzo(k)fluoranthene	23.99	252	1074790	40.608	ng	# 97
89) Benzo(a)pyrene	24.79	252	1119523	43.972	ng	# 97
90) Dibenzo(a,h)anthracene	28.71	278	1067490	42.473	ng	# 97
91) Benzo(g,h,i)perylene	29.79	276	1076711	43.775	ng	# 92

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

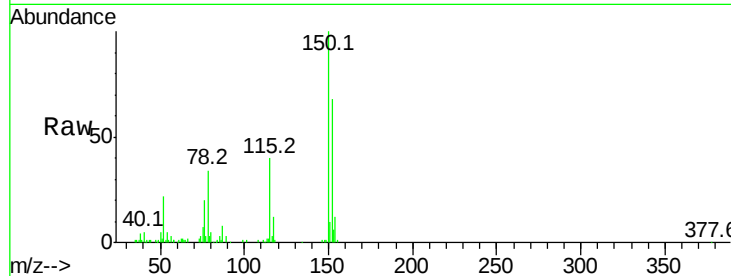


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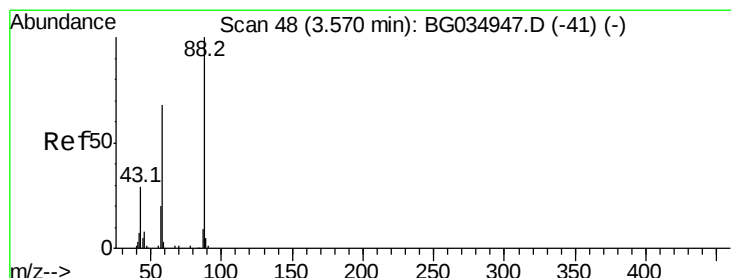
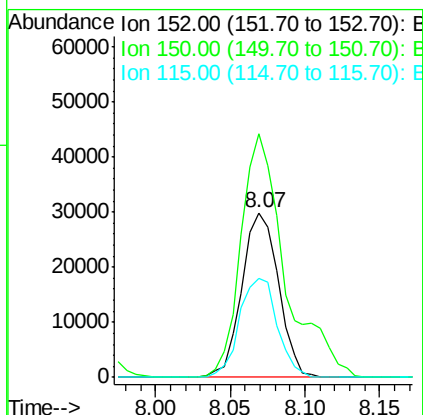
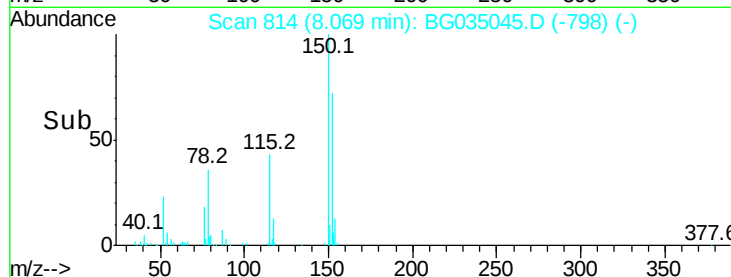
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.01 min
Lab File: BG035045.D
Acq: 12 Jun 2018 00:03

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 50871
Ion Ratio Lower Upper
152 100
150 148.0 126.6 189.8
115 59.8 53.0 79.4



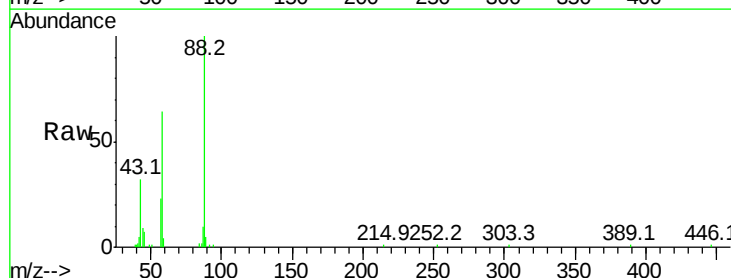
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



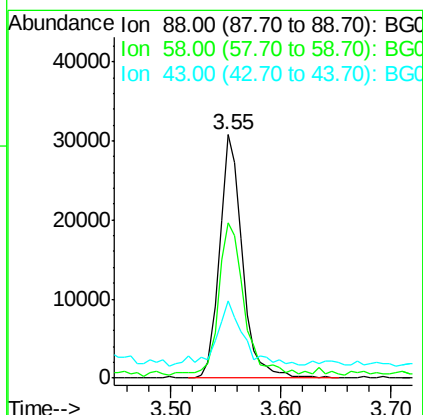
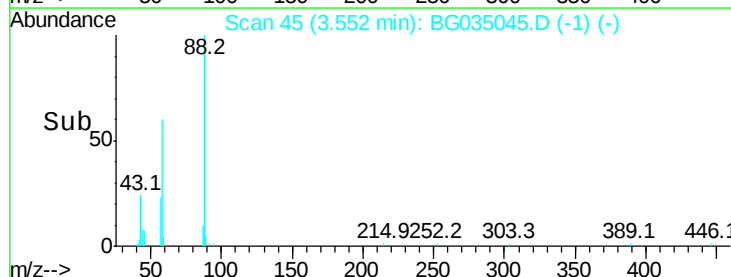
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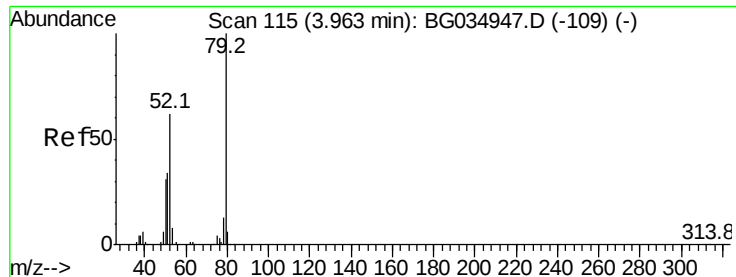
1,4-Dioxane
Concen: 30.787 ng
RT: 3.55 min Scan# 45
Delta R.T. -0.01 min
Lab File: BG035045.D
Acq: 12 Jun 2018 00:03

Tgt Ion: 88 Resp: 44278
Ion Ratio Lower Upper
88 100
58 69.0 79.6 119.4#
43 27.7 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: 34.560 ng

RT: 3.95 min Scan# 112

Delta R.T. -0.01 min

Lab File: BG035045.D

Acq: 12 Jun 2018 00:03

Instrument :

BNA_M

ClientSampleId :

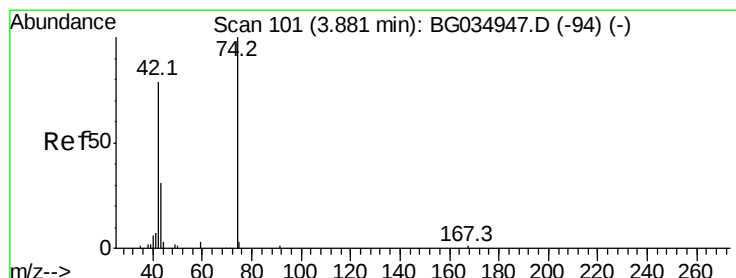
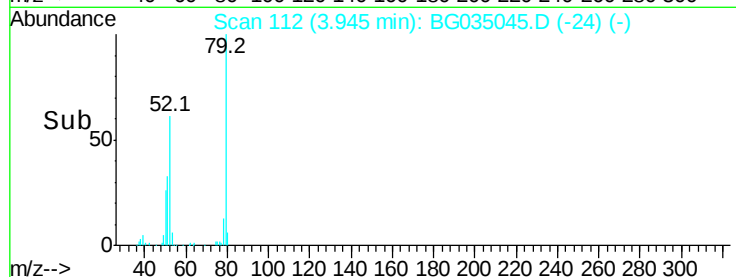
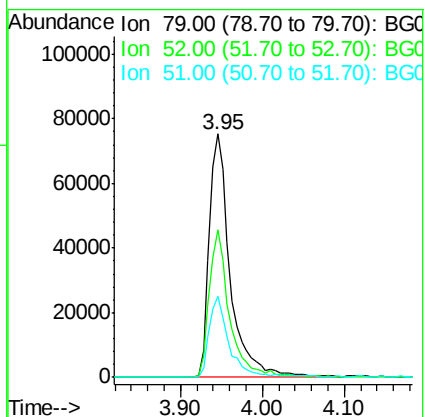
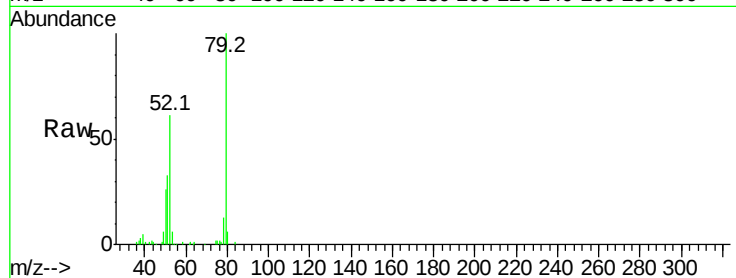
Tot Ion: 79 Resp: 134112

Ion Ratio Lower Upper

79 100

52 60.5 69.9 104.9#

51 33.5 34.0 51.0#



#4

n-Nitrosodimethylamine

Concen: 33.509 ng

RT: 3.86 min Scan# 97

Delta R.T. -0.02 min

Lab File: BG035045.D

Acq: 12 Jun 2018 00:03

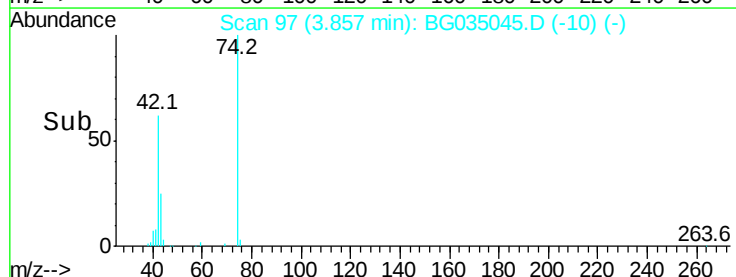
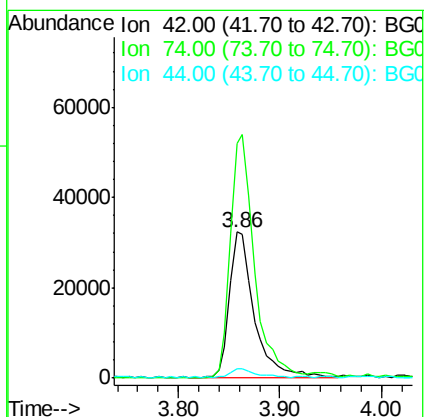
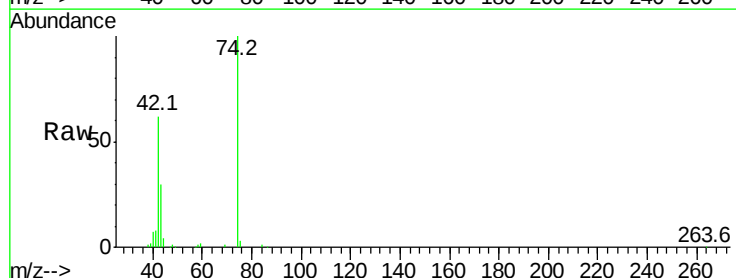
Tgt Ion: 42 Resp: 55863

Ion Ratio Lower Upper

42 100

74 160.6 102.5 153.7#

44 6.8 18.9 28.3#





#5

2-Fluorophenol

Concen: 147.336 ng

RT: 5.64 min Scan# 401

Delta R.T. -0.00 min

Lab File: BG035045.D

Acq: 12 Jun 2018 00:03

Instrument :

BNA_M

ClientSampleId :

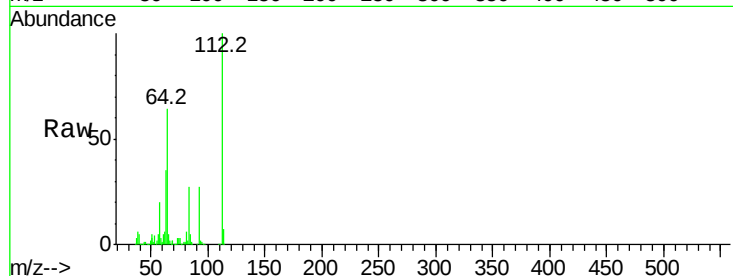
Tot Ion:112 Resp: 444129

Ion Ratio Lower Upper

112 100

64 64.1 56.3 84.5

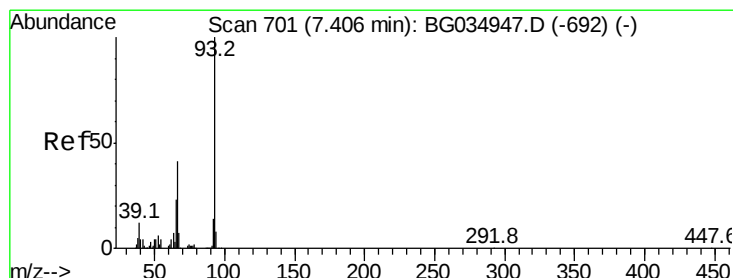
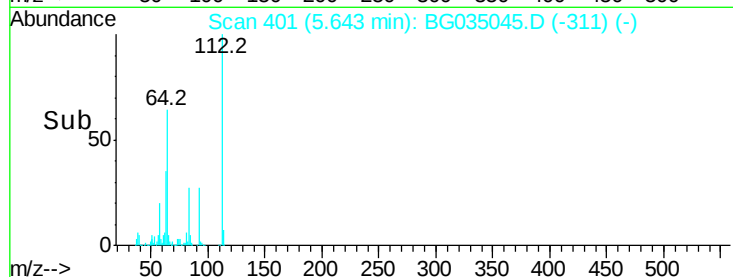
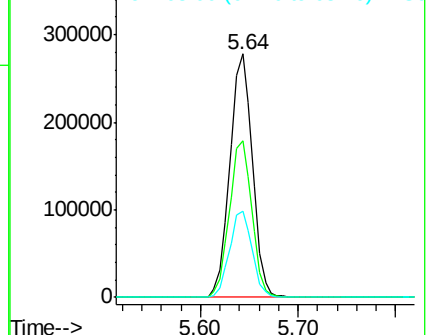
63 35.3 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 29.426 ng

RT: 7.39 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG035045.D

Acq: 12 Jun 2018 00:03

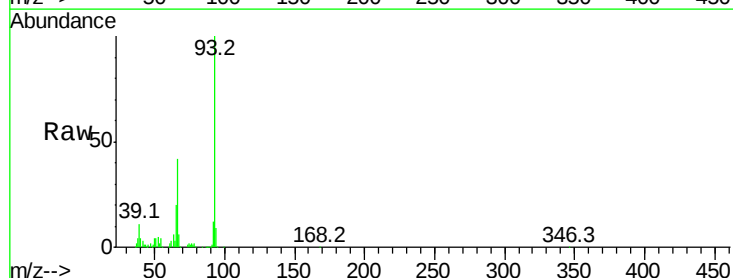
Tgt Ion: 93 Resp: 169224

Ion Ratio Lower Upper

93 100

66 41.9 33.7 50.5

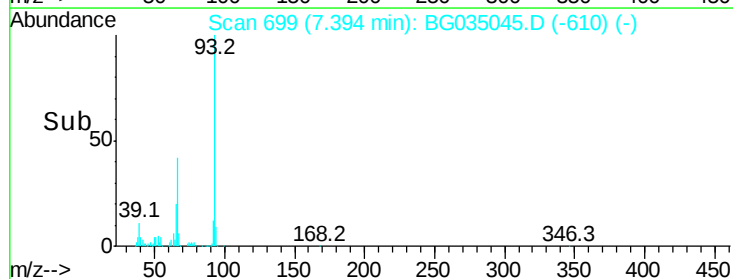
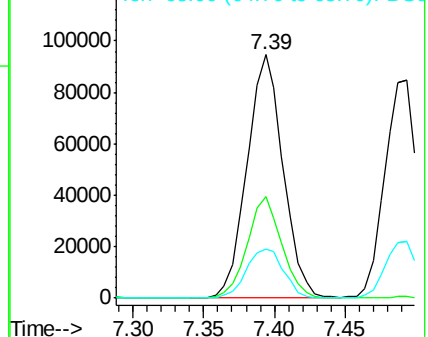
65 20.0 16.1 24.1

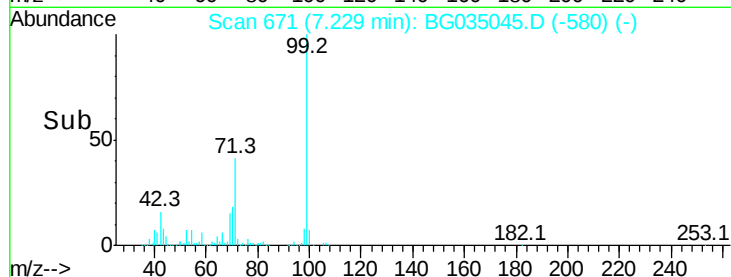
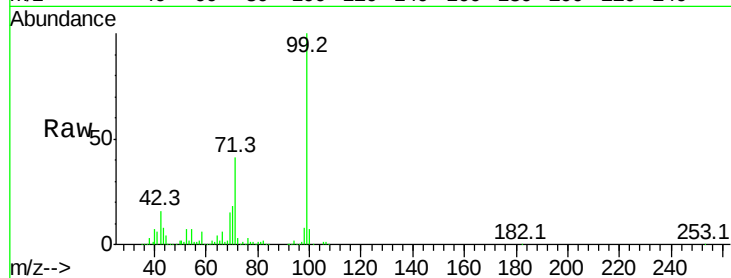
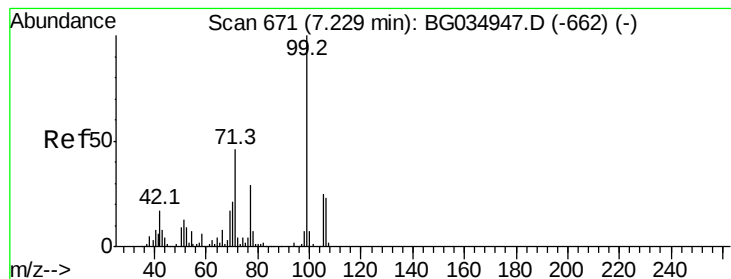


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 152.226 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG035045.D

Acq: 12 Jun 2018 00:03

Instrument :

BNA_M

ClientSampleId :

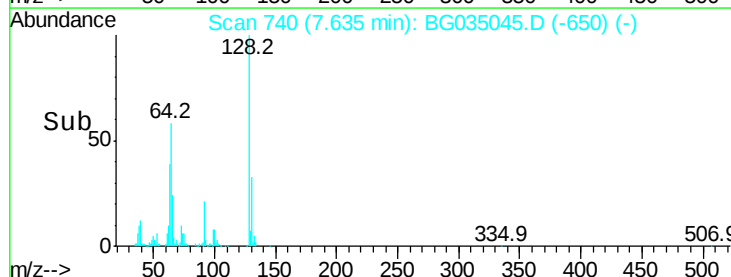
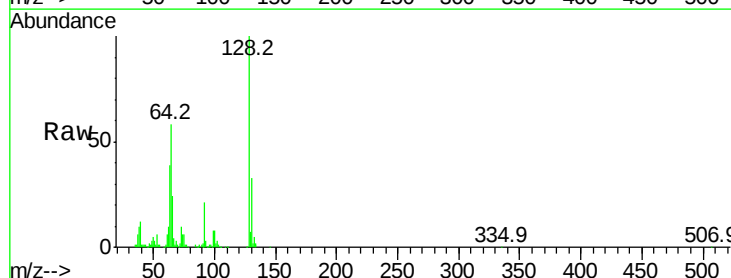
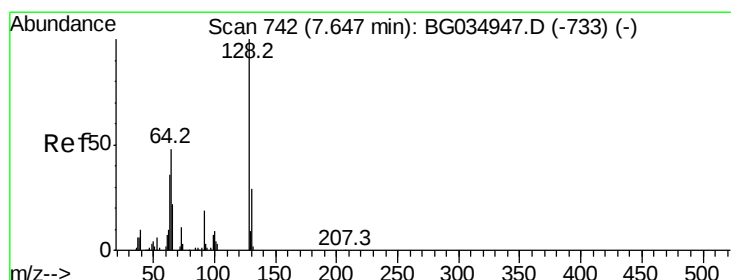
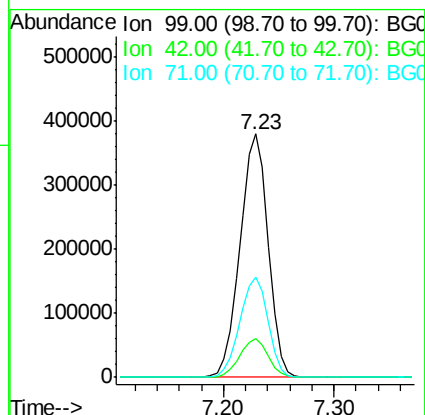
Tot Ion: 99 Resp: 677263

Ion Ratio Lower Upper

99 100

42 16.1 14.1 21.1

71 41.3 26.1 39.1#



#8

2-Chlorophenol

Concen: 44.223 ng

RT: 7.63 min Scan# 740

Delta R.T. -0.00 min

Lab File: BG035045.D

Acq: 12 Jun 2018 00:03

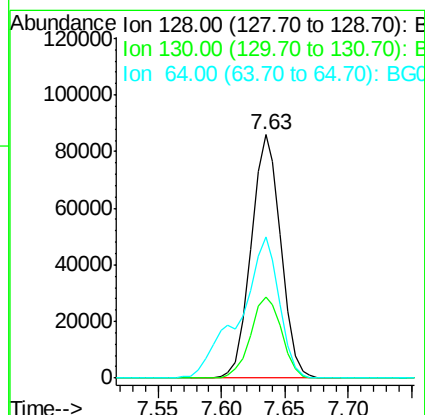
Tgt Ion:128 Resp: 139731

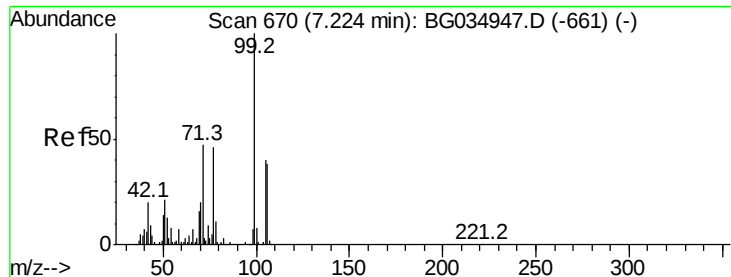
Ion Ratio Lower Upper

128 100

130 33.3 14.0 54.0

64 57.9 37.7 77.7





#9

Benzaldehyde

Concen: 19.508 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG035045.D

Acq: 12 Jun 2018 00:03

Instrument :

BNA_M

ClientSampled :

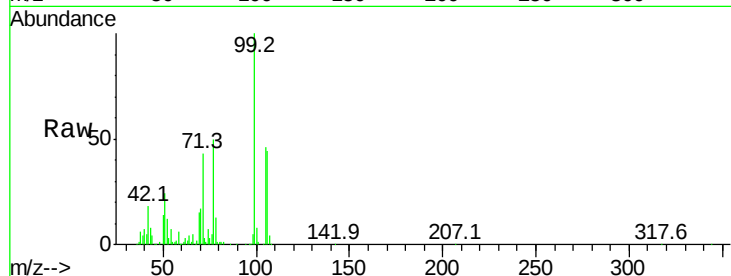
Tot Ion: 77 Resp: 66852

Ion Ratio Lower Upper

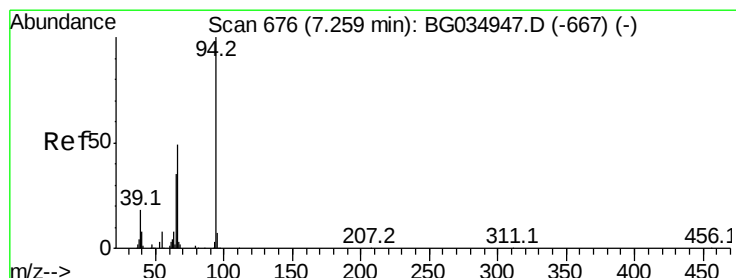
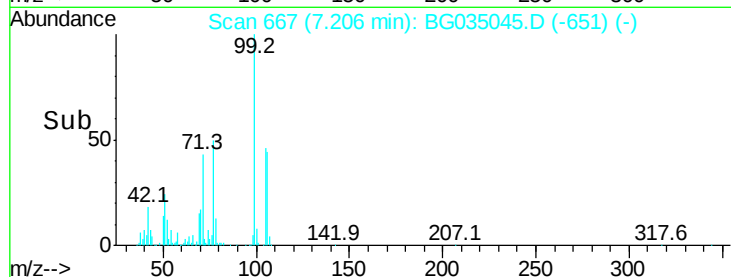
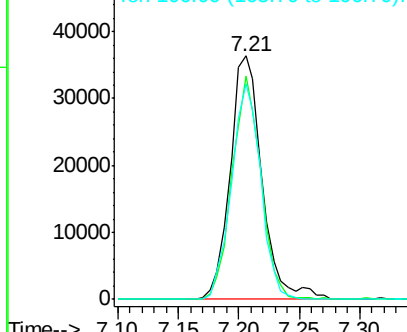
77 100

105 91.8 71.3 111.3

106 88.3 64.2 104.2



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



#10

Phenol

Concen: 47.055 ng

RT: 7.25 min Scan# 675

Delta R.T. -0.00 min

Lab File: BG035045.D

Acq: 12 Jun 2018 00:03

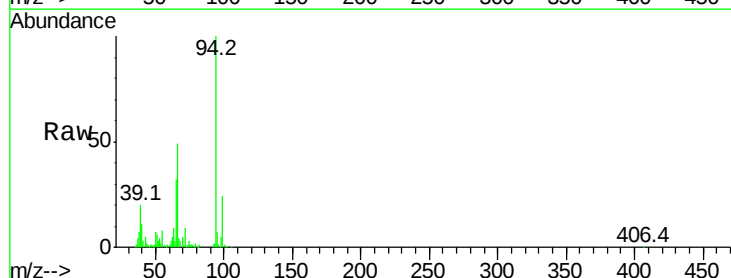
Tgt Ion: 94 Resp: 216653

Ion Ratio Lower Upper

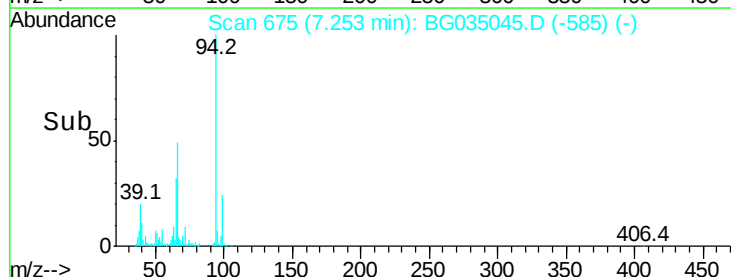
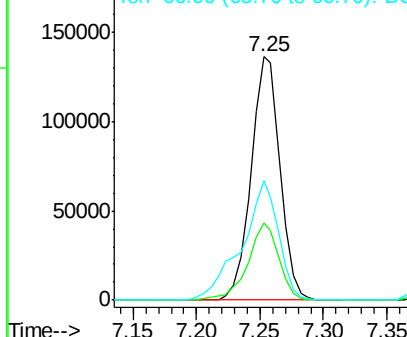
94 100

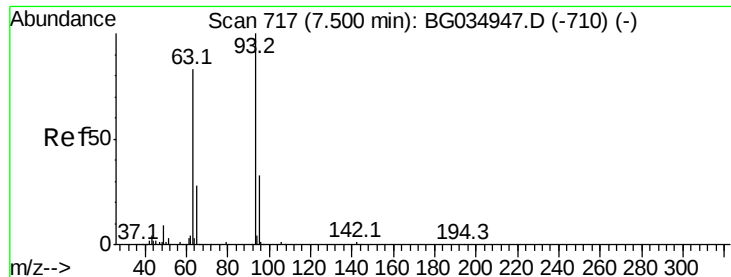
65 31.7 11.9 51.9

66 49.3 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: 38.857 ng

RT: 7.49 min Scan# 716

Delta R.T. -0.00 min

Lab File: BG035045.D

Acq: 12 Jun 2018 00:03

Instrument :

BNA_M

ClientSampleId :

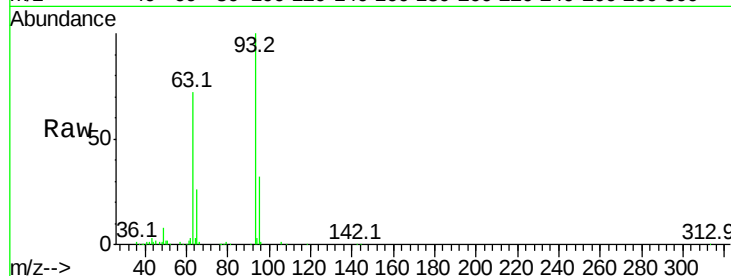
Tot Ion: 93 Resp: 138862

Ion Ratio Lower Upper

93 100

63 72.2 67.1 107.1

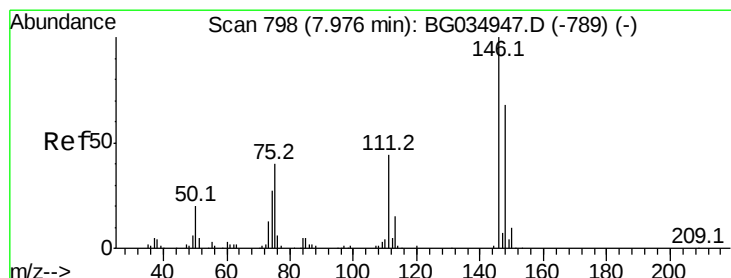
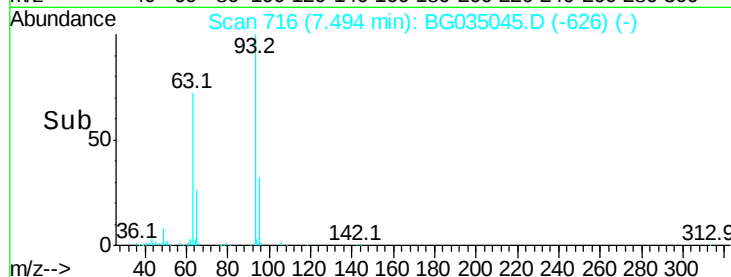
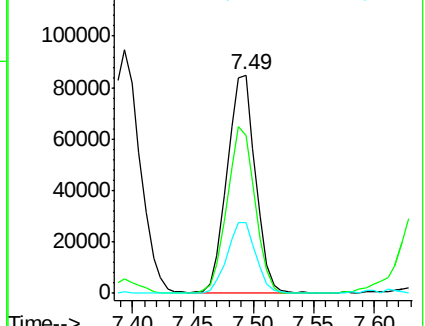
95 32.3 11.5 51.5



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: 40.268 ng

RT: 8.10 min Scan# 820

Delta R.T. 0.14 min

Lab File: BG035045.D

Acq: 12 Jun 2018 00:03

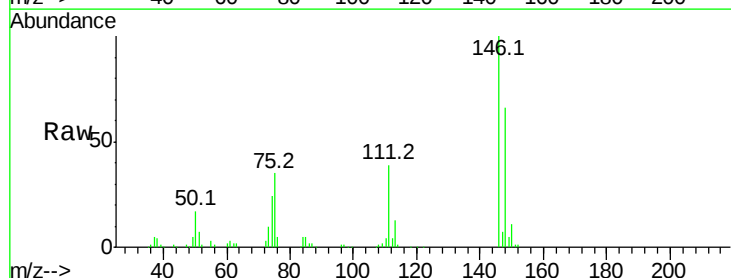
Tgt Ion: 146 Resp: 151810

Ion Ratio Lower Upper

146 100

148 66.0 51.4 77.2

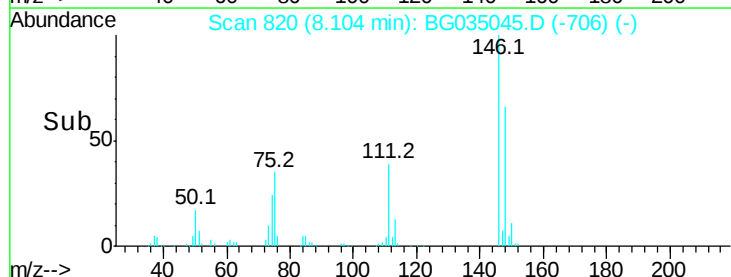
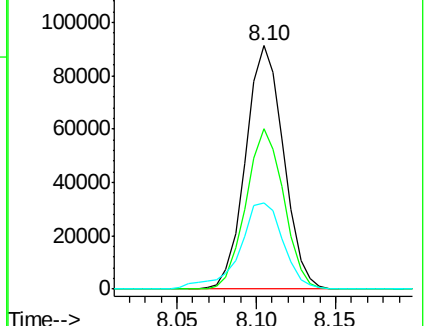
75 35.4 26.6 39.8



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: 39.008 ng

RT: 8.10 min Scan# 820

Delta R.T. -0.01 min

Lab File: BG035045.D

Acq: 12 Jun 2018 00:03

Instrument :

BNA_M

ClientSampleId :

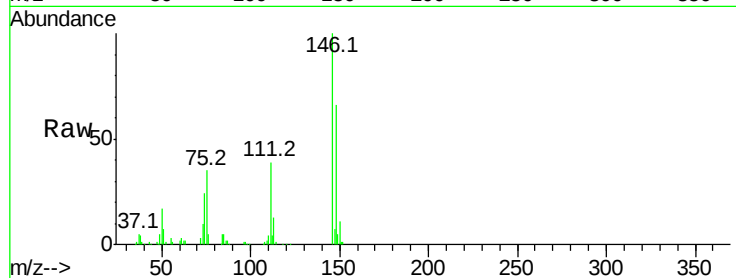
Tot Ion:146 Resp: 151810

Ion Ratio Lower Upper

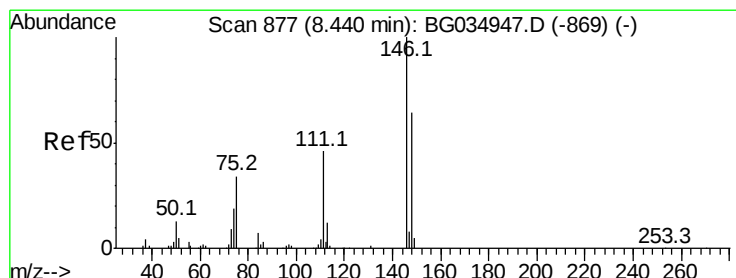
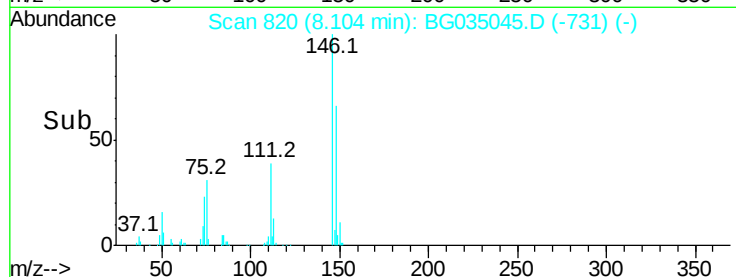
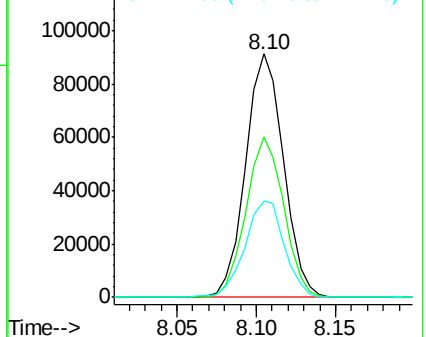
146 100

148 66.0 53.7 80.5

111 39.4 35.2 52.8



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



#14

1,2-Dichlorobenzene

Concen: 39.808 ng

RT: 8.42 min Scan# 874

Delta R.T. -0.01 min

Lab File: BG035045.D

Acq: 12 Jun 2018 00:03

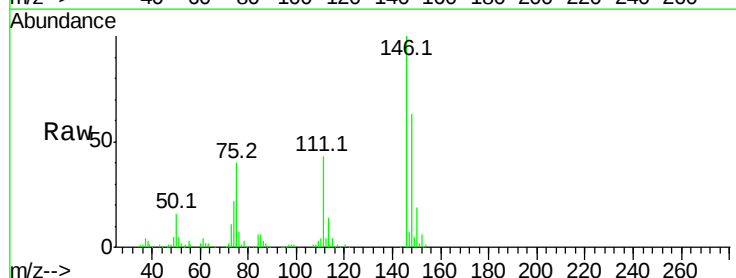
Tgt Ion:146 Resp: 145520

Ion Ratio Lower Upper

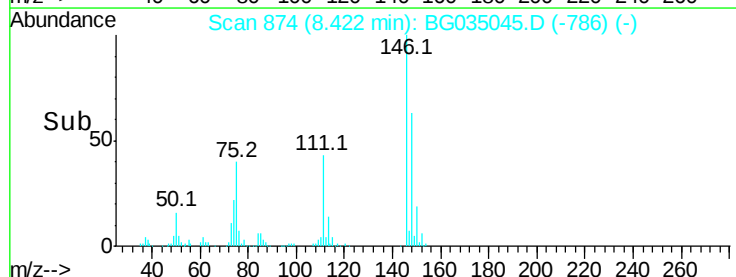
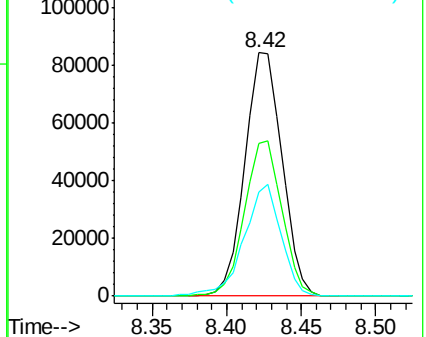
146 100

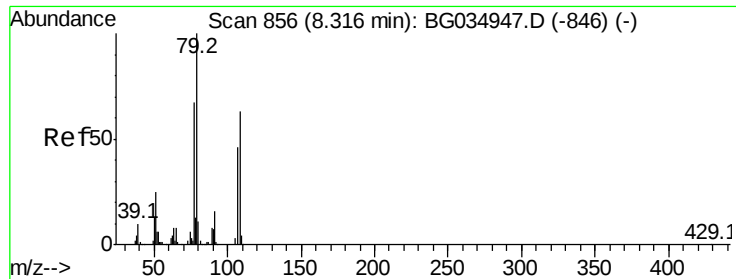
148 62.9 49.3 73.9

111 42.5 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: 42.810 ng

RT: 8.30 min Scan# 854

Delta R.T. -0.01 min

Lab File: BG035045.D

Acq: 12 Jun 2018 00:03

Instrument :

BNA_M

ClientSampleId :

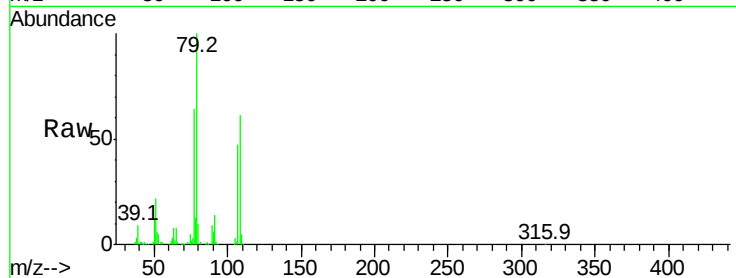
Tot Ion: 79 Resp: 180475

Ion Ratio Lower Upper

79 100

108 60.8 57.2 85.8

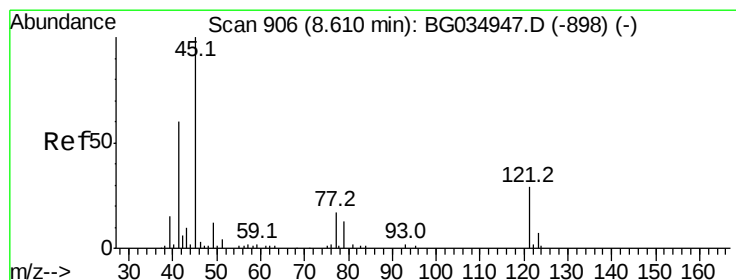
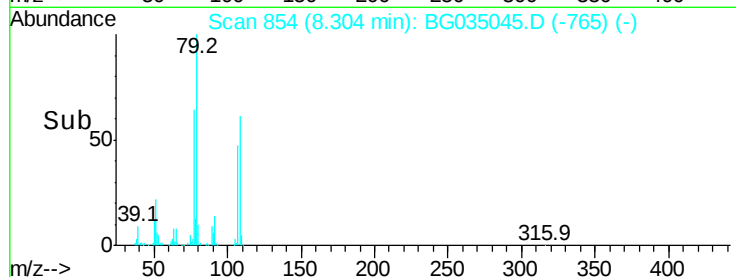
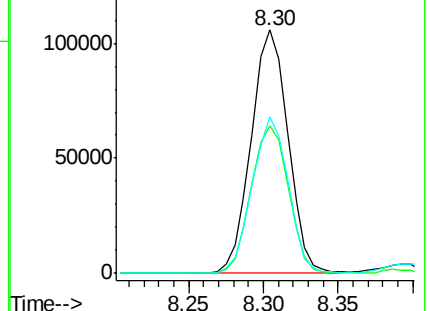
77 64.3 46.1 69.1



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: 44.497 ng

RT: 8.59 min Scan# 903

Delta R.T. -0.01 min

Lab File: BG035045.D

Acq: 12 Jun 2018 00:03

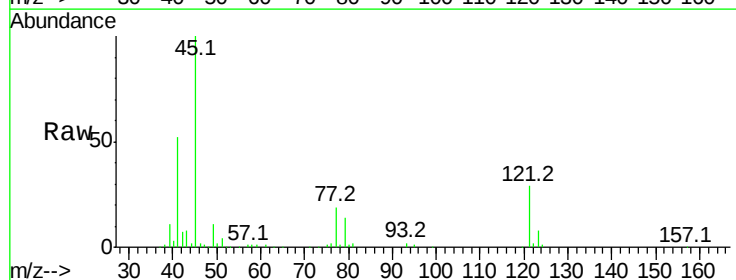
Tgt Ion: 45 Resp: 158271

Ion Ratio Lower Upper

45 100

77 19.5 0.0 30.2

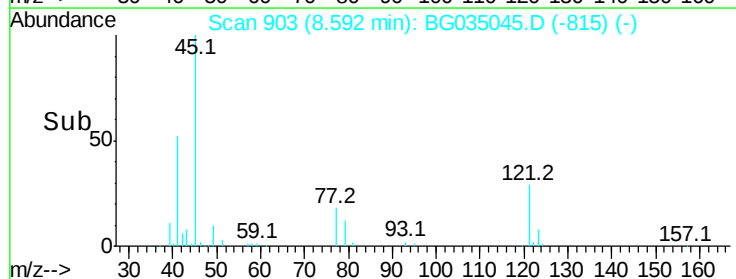
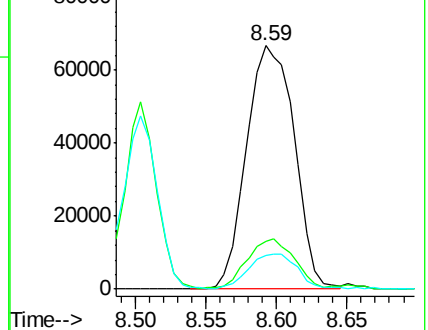
79 13.6 0.0 27.9

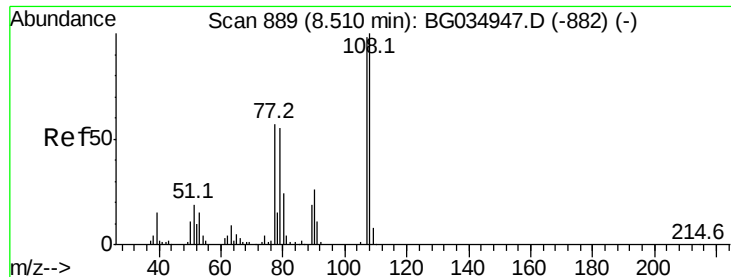


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

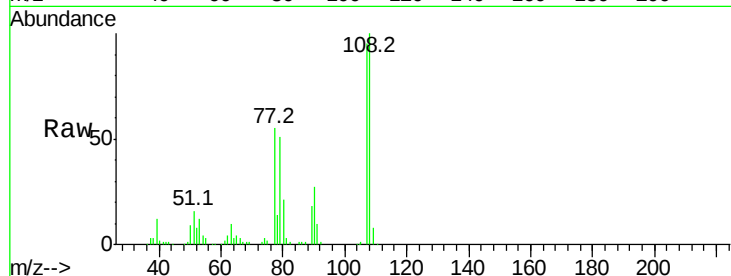




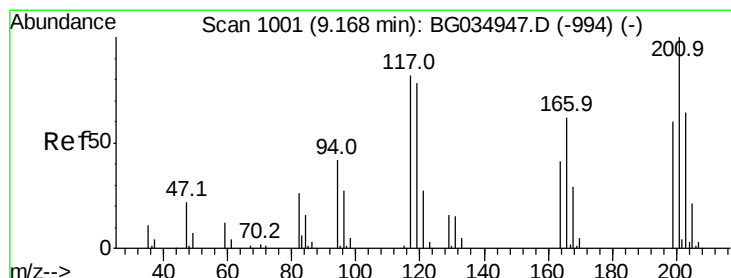
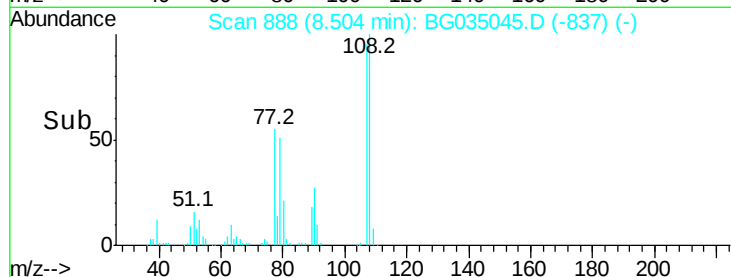
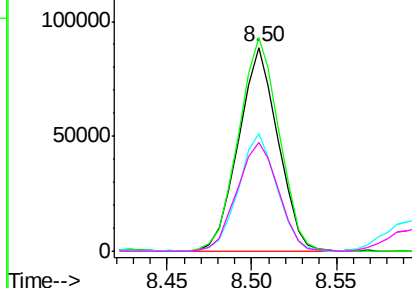
#17
2-Methylphenol
Concen: 47.479 ng
RT: 8.50 min Scan# 888
Delta R.T. -0.00 min
Lab File: BG035045.D
Acq: 12 Jun 2018 00:03

Instrument :
BNA_M
ClientSampled :

Tot Ion:107 Resp: 144125
Ion Ratio Lower Upper
107 100
108 104.9 83.9 125.9
77 57.9 37.2 55.8#
79 53.6 36.2 54.2

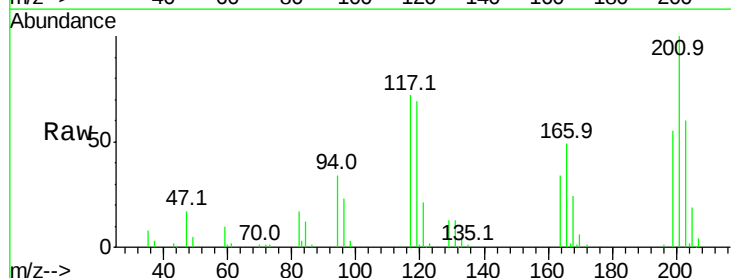


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

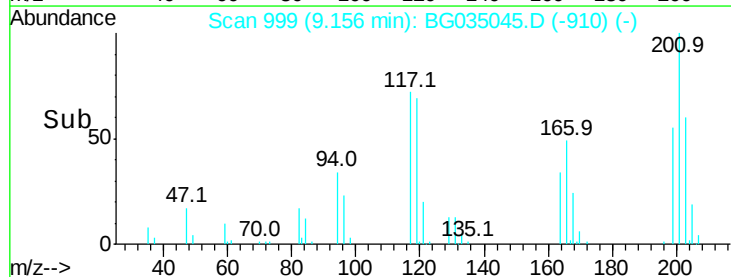
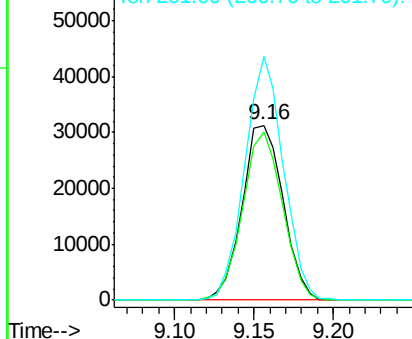


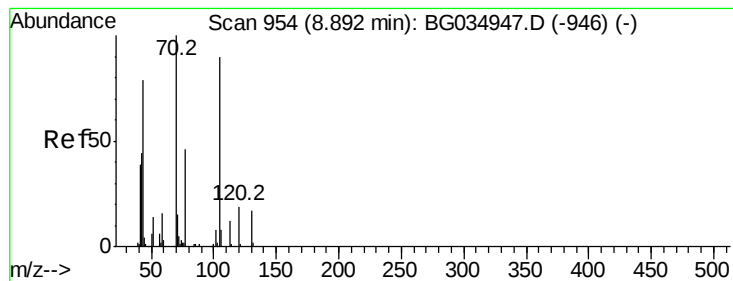
#18
Hexachloroethane
Concen: 40.296 ng
RT: 9.16 min Scan# 999
Delta R.T. -0.01 min
Lab File: BG035045.D
Acq: 12 Jun 2018 00:03

Tgt Ion:117 Resp: 56144
Ion Ratio Lower Upper
117 100
119 96.2 76.7 115.1
201 139.0 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: 35.690 ng

RT: 8.87 min Scan# 951

Delta R.T. -0.01 min

Lab File: BG035045.D

Acq: 12 Jun 2018 00:03

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 70 Resp: 134902

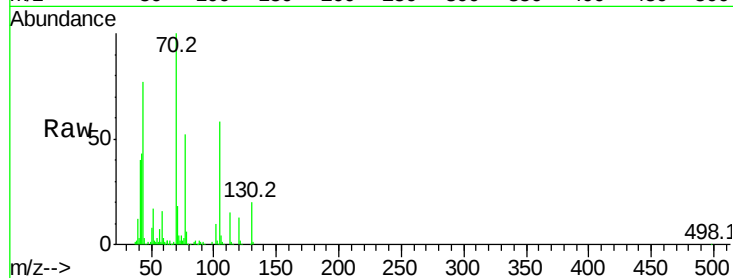
Ion Ratio Lower Upper

70 100

42 43.0 49.1 73.7#

101 9.6 8.5 12.7

130 19.8 13.4 20.0

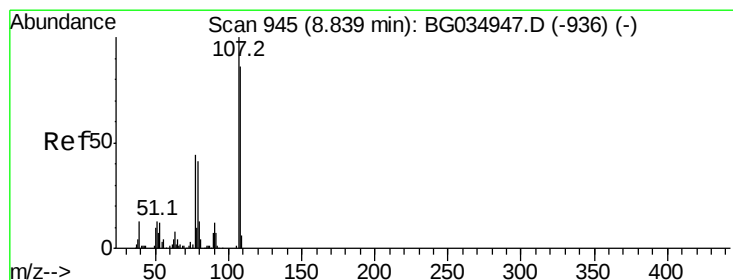
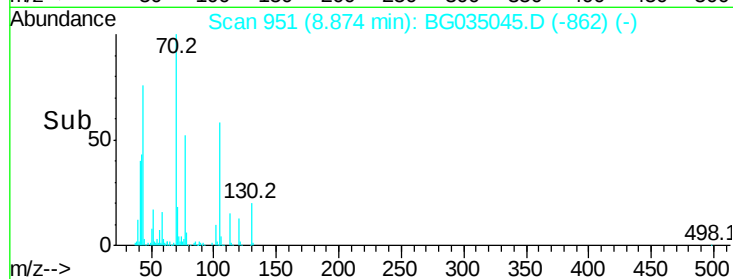
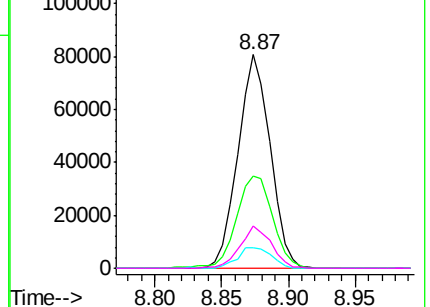


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 47.503 ng

RT: 8.83 min Scan# 944

Delta R.T. -0.00 min

Lab File: BG035045.D

Acq: 12 Jun 2018 00:03

Tgt Ion: 107 Resp: 206687

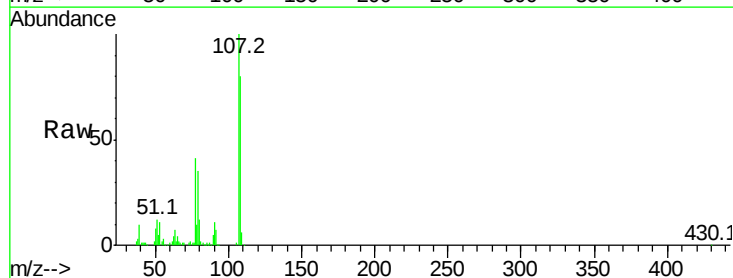
Ion Ratio Lower Upper

107 100

108 80.2 61.6 101.6

77 40.7 13.9 53.9

79 35.1 8.8 48.8

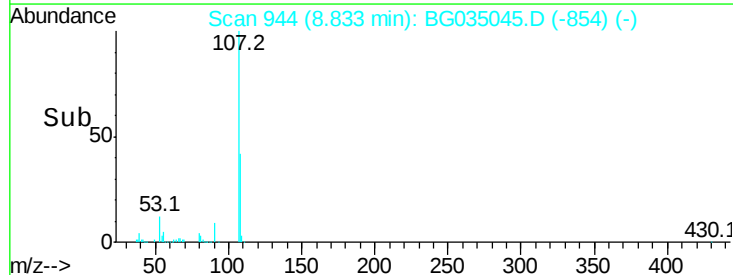
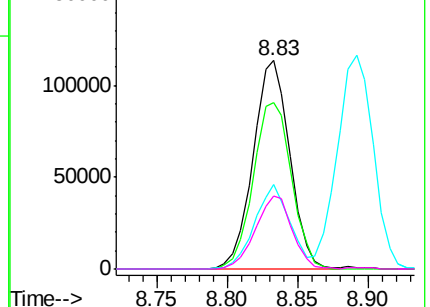


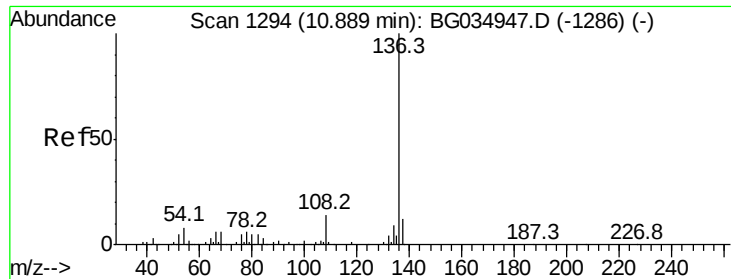
Abundance Ion 107.00 (106.70 to 107.70): BGC

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

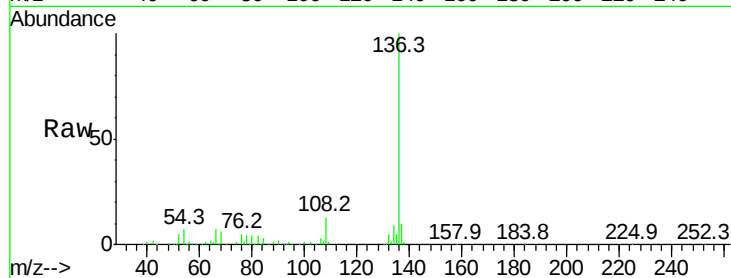




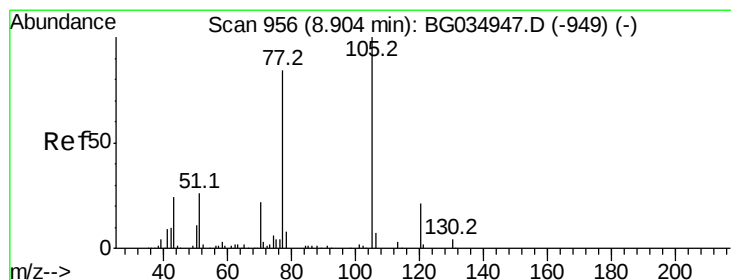
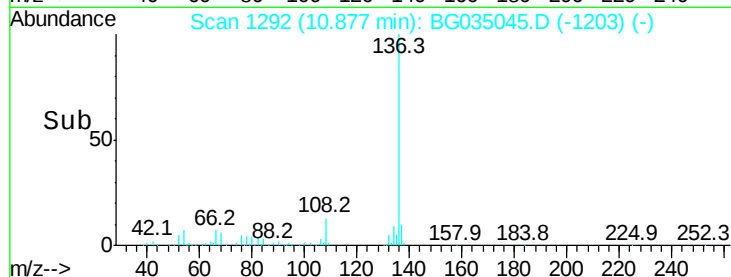
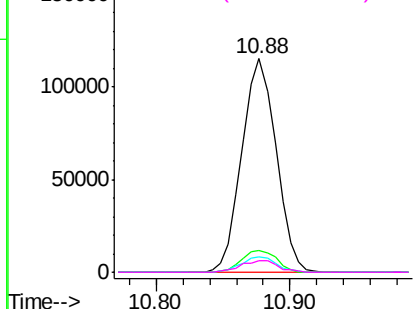
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BG035045.D
Acq: 12 Jun 2018 00:03

Instrument :
BNA_M
ClientSampleId :

Tot Ion:136	Resp:	204466
Ion Ratio	Lower	Upper
136	100	
137	10.5	9.2 13.8
54	7.3	10.3 15.5#
68	5.7	4.5 6.7

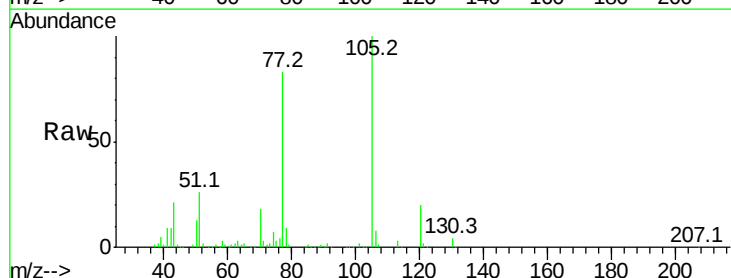


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

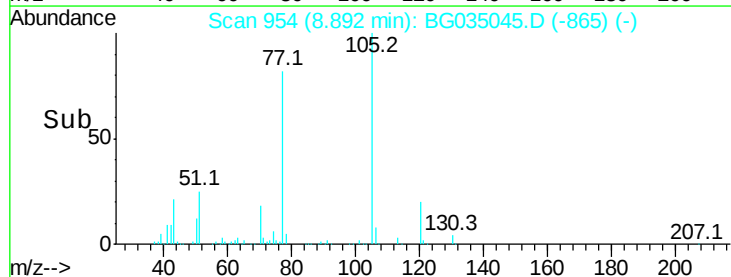
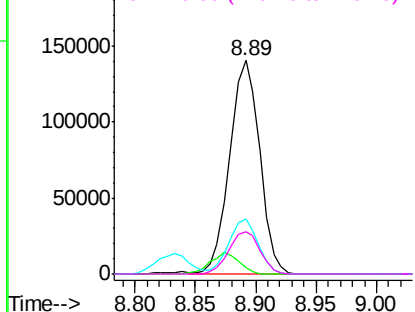


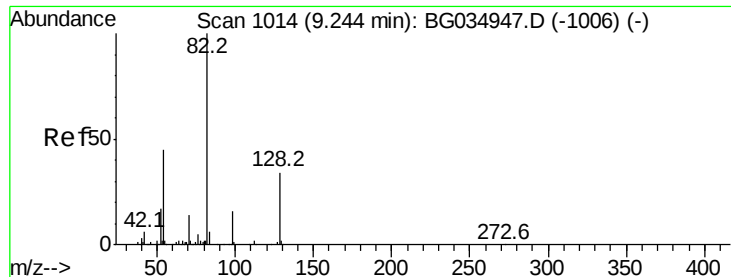
#22
Acetophenone
Concen: 38.578 ng
RT: 8.89 min Scan# 954
Delta R.T. -0.01 min
Lab File: BG035045.D
Acq: 12 Jun 2018 00:03

Tgt Ion:105	Resp:	244344
Ion Ratio	Lower	Upper
105	100	
71	2.9	3.0 4.4#
51	25.6	26.1 39.1#
120	19.9	17.4 26.2



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





#23

Nitrobenzene-d5

Concen: 98.034 ng

RT: 9.23 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BG035045.D

Acq: 12 Jun 2018 00:03

Instrument :

BNA_M

ClientSampleId :

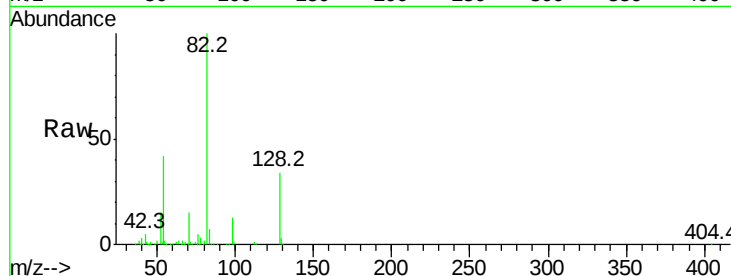
Tot Ion: 82 Resp: 421688

Ion Ratio Lower Upper

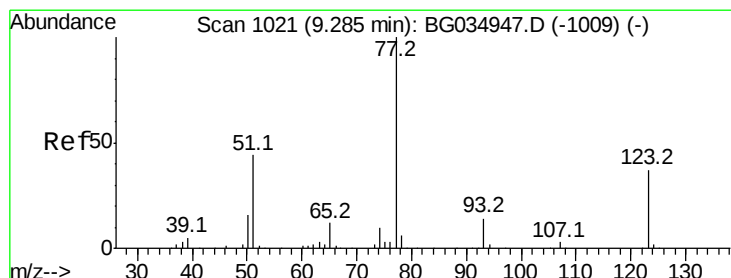
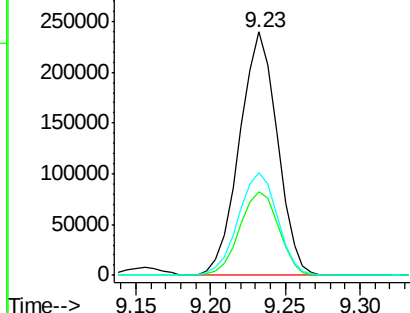
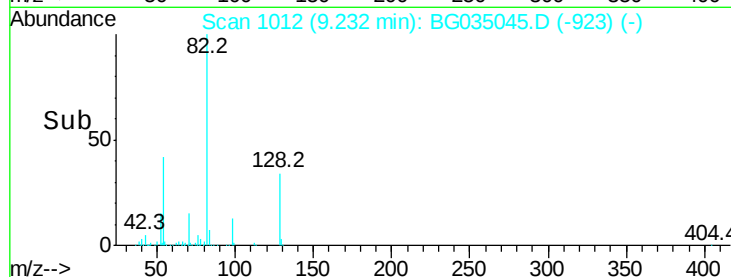
82 100

128 34.3 29.7 44.5

54 42.2 43.1 64.7#



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



#24

Nitrobenzene

Concen: 45.521 ng

RT: 9.27 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BG035045.D

Acq: 12 Jun 2018 00:03

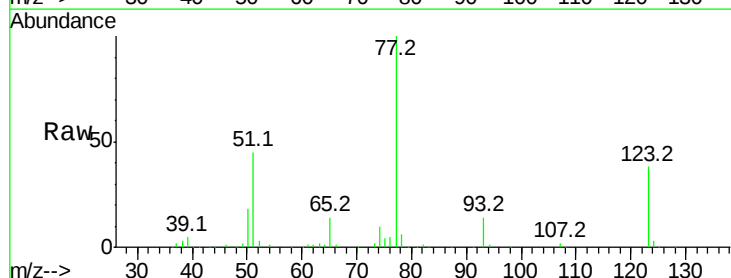
Tgt Ion: 77 Resp: 200508

Ion Ratio Lower Upper

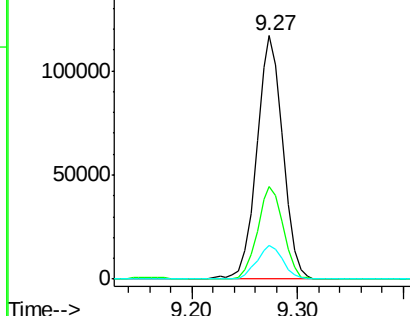
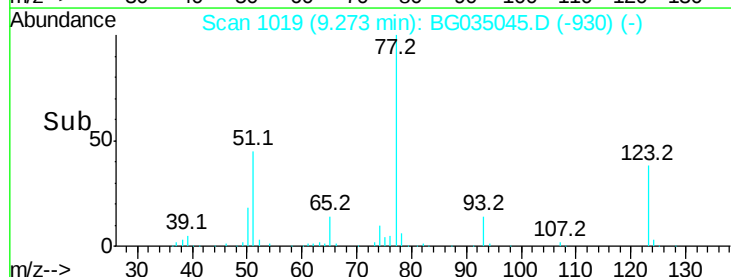
77 100

123 38.2 33.0 49.6

65 13.7 13.0 19.6



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





#25

Isophorone

Concen: 44.051 ng

RT: 9.80 min Scan# 1108

Delta R.T. -0.01 min

Lab File: BG035045.D

Acq: 12 Jun 2018 00:03

Instrument :

BNA_M

ClientSampleId :

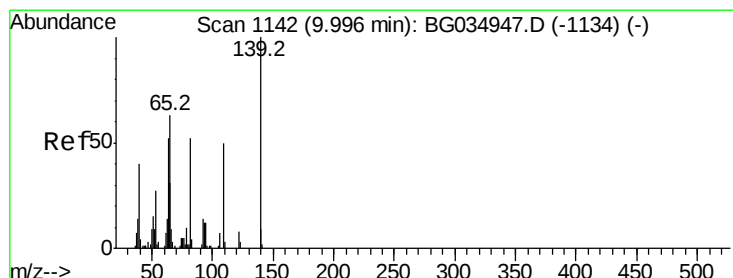
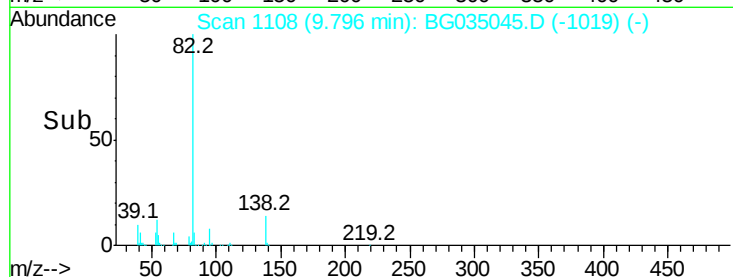
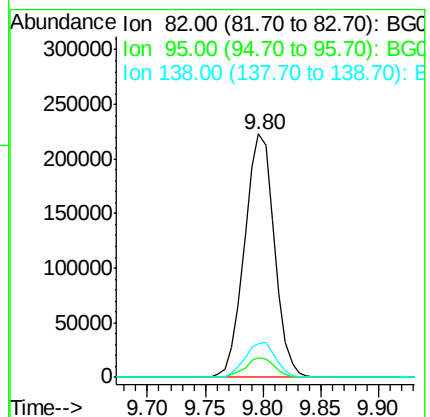
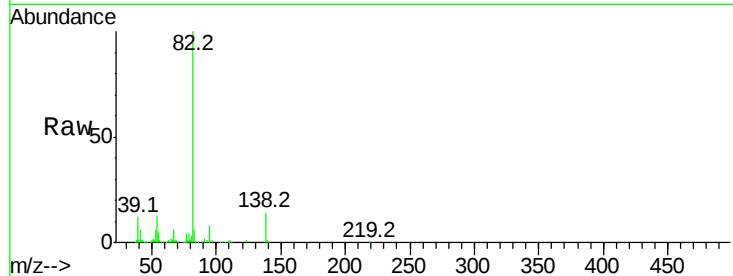
Tot Ion: 82 Resp: 400060

Ion Ratio Lower Upper

82 100

95 8.1 6.2 9.2

138 13.8 12.1 18.1



#26

2-Nitrophenol

Concen: 55.543 ng

RT: 9.98 min Scan# 1140

Delta R.T. -0.01 min

Lab File: BG035045.D

Acq: 12 Jun 2018 00:03

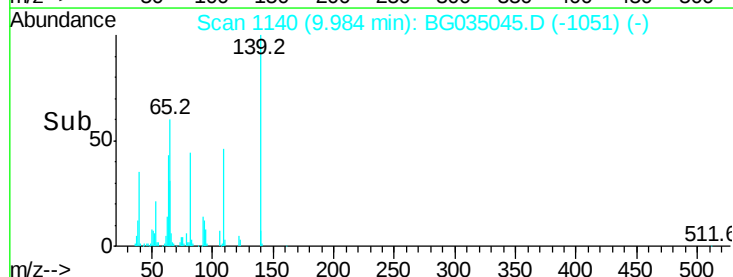
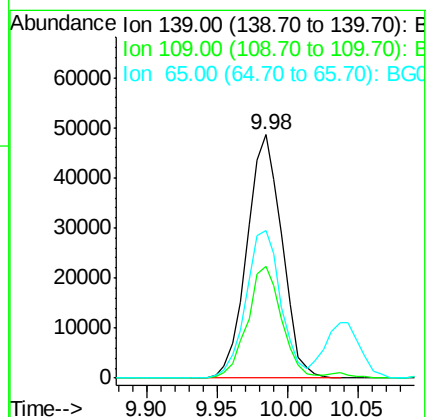
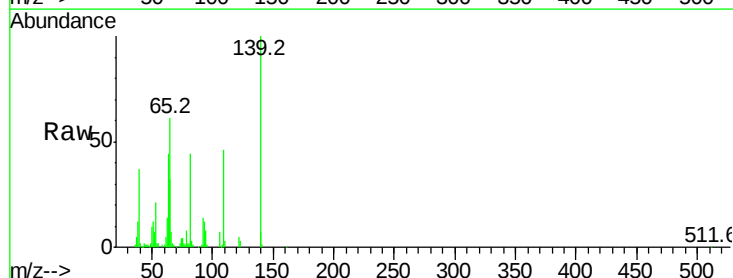
Tgt Ion: 139 Resp: 84330

Ion Ratio Lower Upper

139 100

109 46.0 24.2 36.2#

65 60.6 47.4 71.0





#27

2,4-Dimethylphenol

Concen: 49.555 ng

RT: 10.04 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BG035045.D

Acq: 12 Jun 2018 00:03

Instrument :

BNA_M

ClientSampleId :

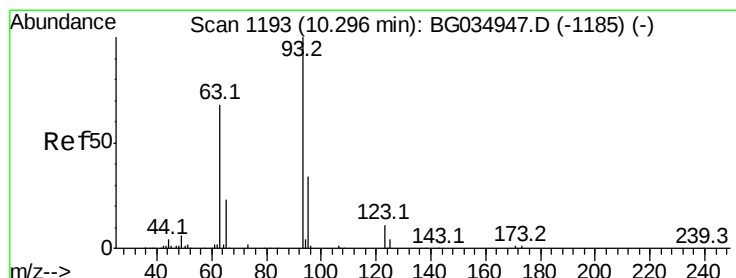
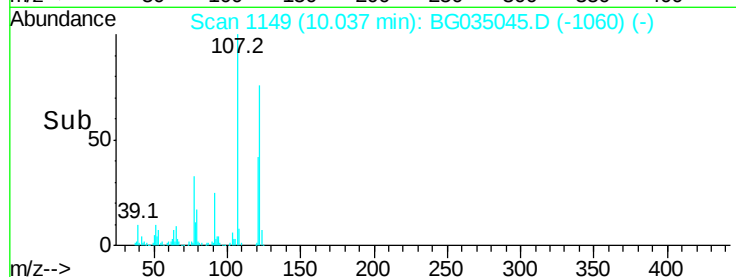
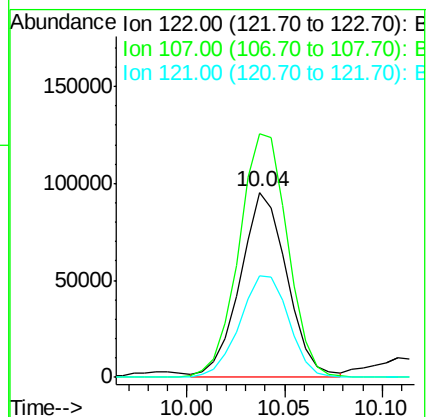
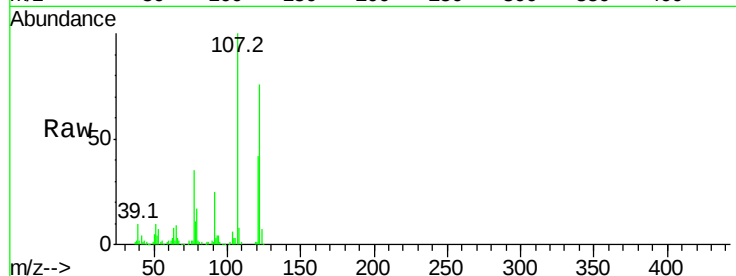
Tot Ion:122 Resp: 158144

Ion Ratio Lower Upper

122 100

107 131.4 100.2 150.2

121 54.8 44.4 66.6



#28

bis(2-Chloroethoxy)methane

Concen: 42.367 ng

RT: 10.28 min Scan# 1190

Delta R.T. -0.01 min

Lab File: BG035045.D

Acq: 12 Jun 2018 00:03

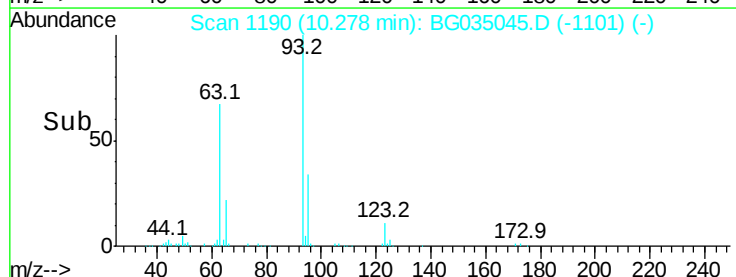
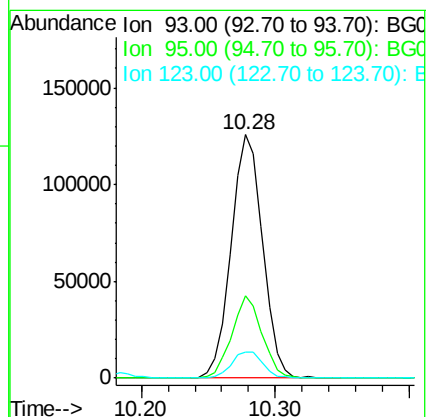
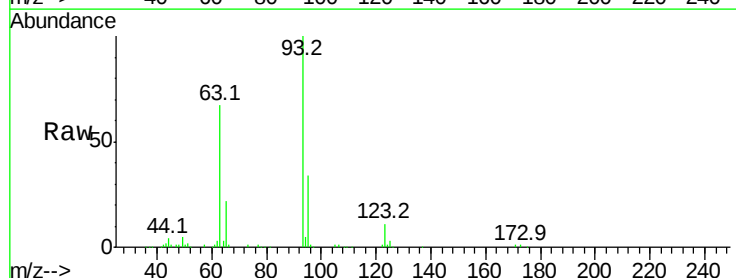
Tgt Ion: 93 Resp: 206765

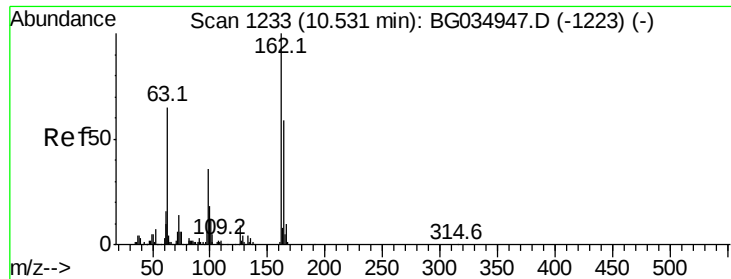
Ion Ratio Lower Upper

93 100

95 33.6 24.3 36.5

123 10.9 8.4 12.6

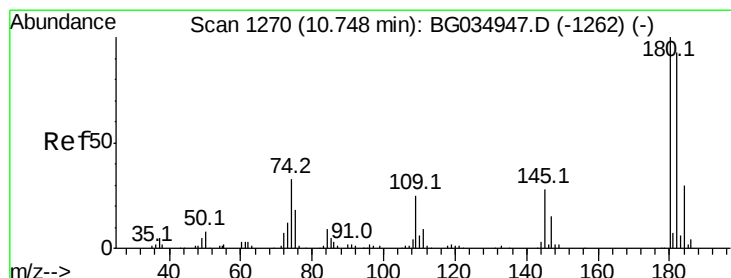
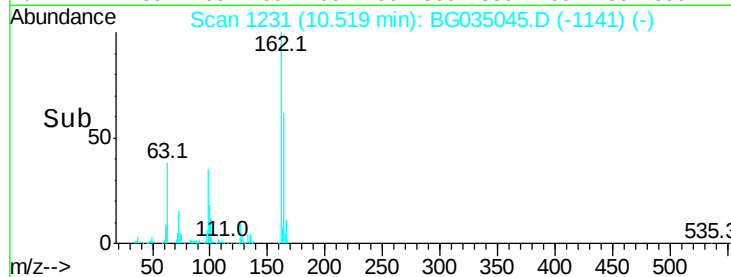
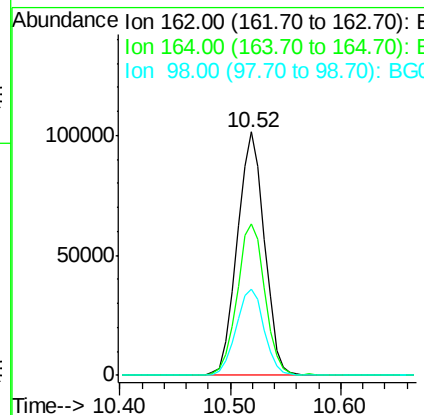
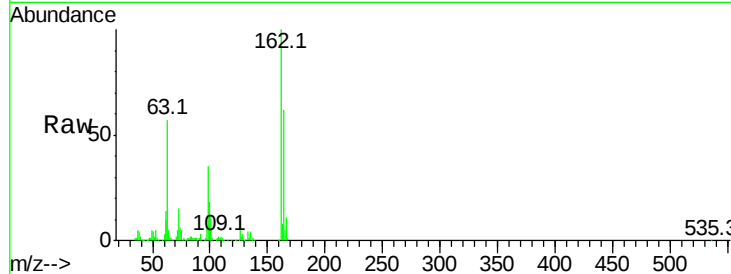




#29
2,4-Dichlorophenol
Concen: 50.596 ng
RT: 10.52 min Scan# 1231
Delta R.T. -0.00 min
Lab File: BG035045.D
Acq: 12 Jun 2018 00:03

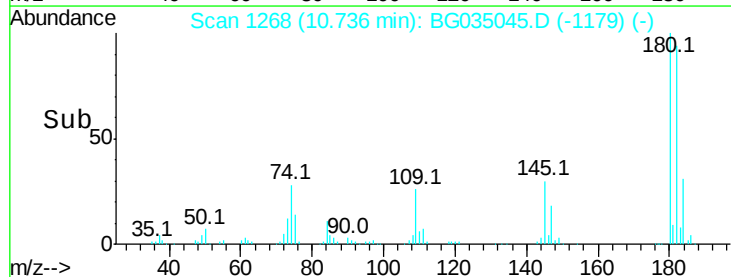
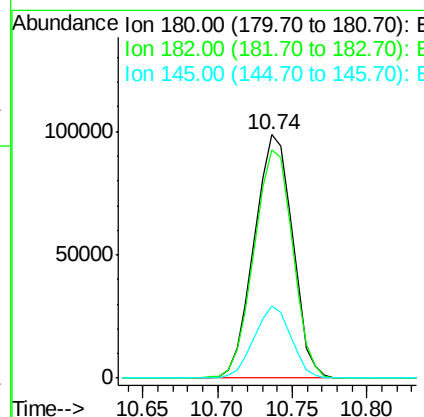
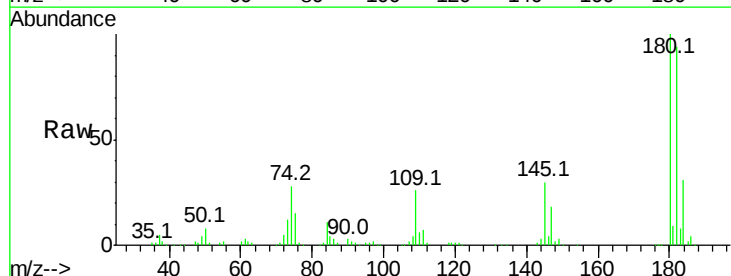
Instrument :
BNA_M
ClientSampled :

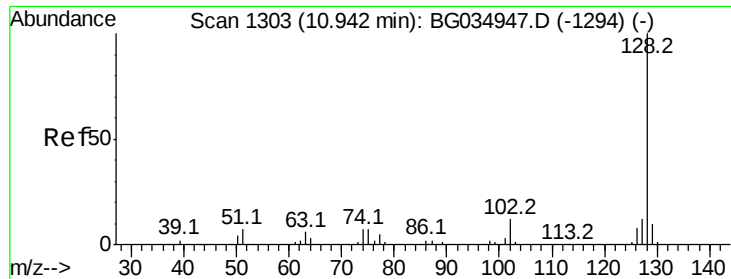
Tot Ion:162 Resp: 175693
Ion Ratio Lower Upper
162 100
164 62.1 48.0 88.0
98 35.2 21.1 61.1



#30
1,2,4-Trichlorobenzene
Concen: 42.162 ng
RT: 10.74 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BG035045.D
Acq: 12 Jun 2018 00:03

Tgt Ion:180 Resp: 175555
Ion Ratio Lower Upper
180 100
182 94.0 77.5 116.3
145 29.7 23.4 35.2

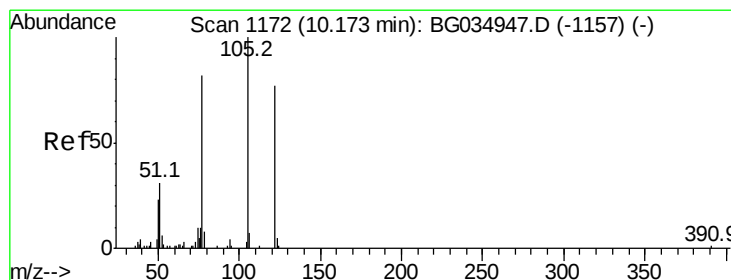
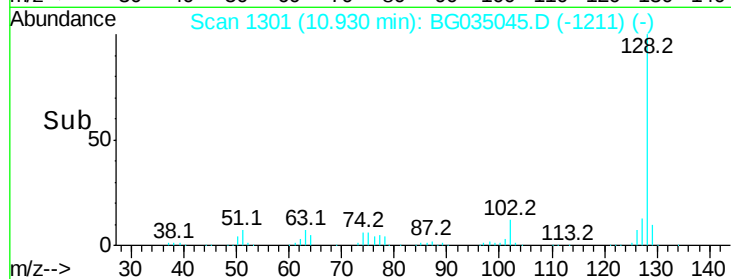
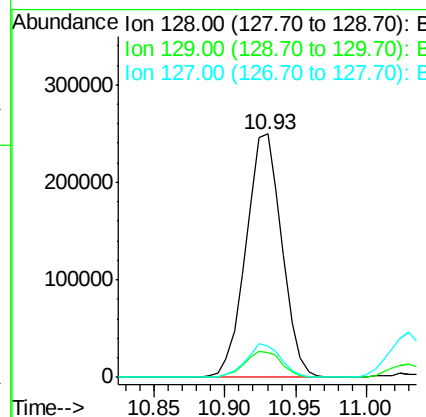
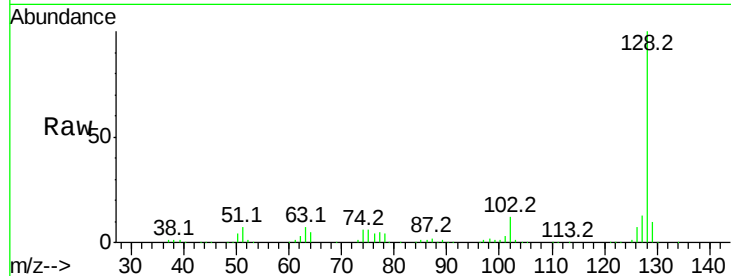




#31
Naphthalene
Concen: 41.811 ng
RT: 10.93 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BG035045.D
Acq: 12 Jun 2018 00:03

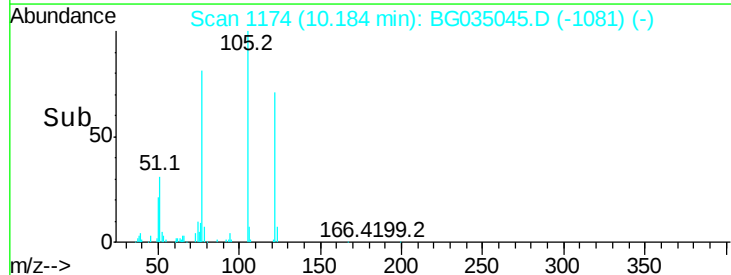
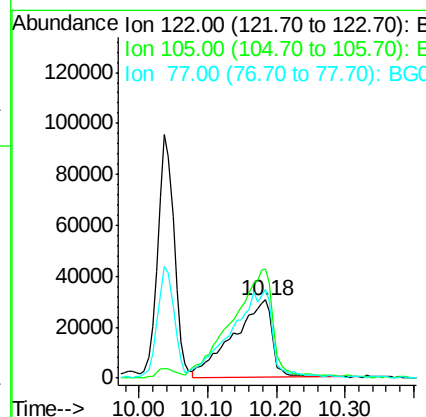
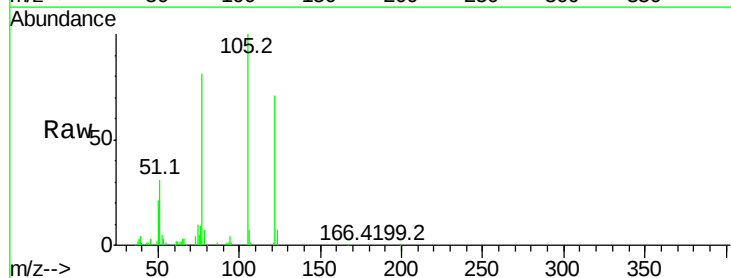
Instrument :
BNA_M
ClientSampleId :

Tot Ion:128 Resp: 444106
Ion Ratio Lower Upper
128 100
129 10.3 8.6 12.8
127 12.6 11.6 17.4



#32
Benzoic acid
Concen: 56.800 ng
RT: 10.18 min Scan# 1174
Delta R.T. 0.02 min
Lab File: BG035045.D
Acq: 12 Jun 2018 00:03

Tgt Ion:122 Resp: 121413
Ion Ratio Lower Upper
122 100
105 140.6 123.5 163.5
77 114.2 85.7 125.7

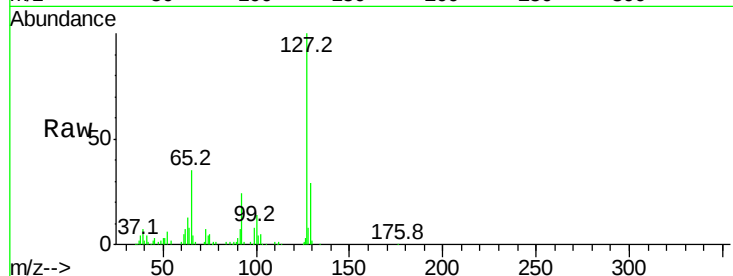




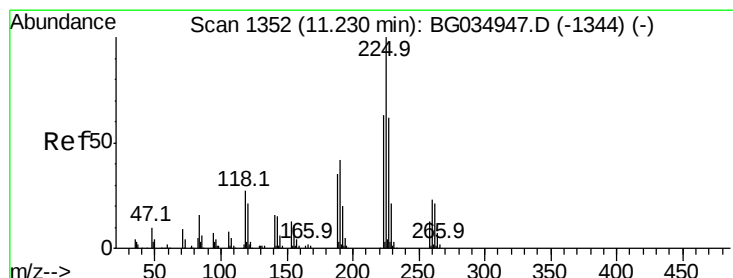
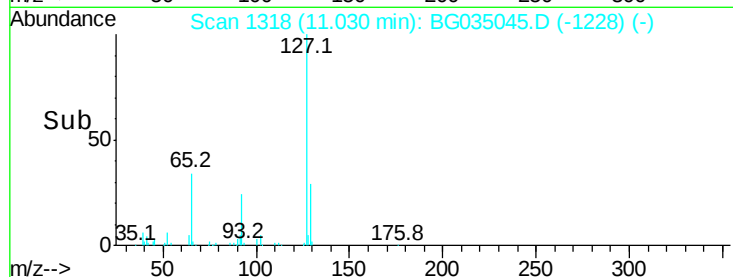
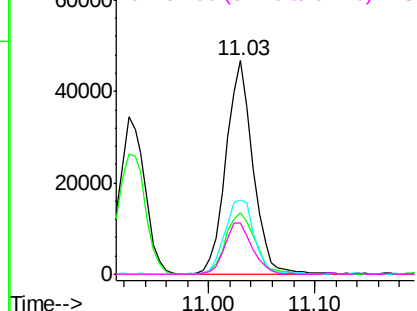
#33
4-Chloroaniline
Concen: 17.903 ng
RT: 11.03 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BG035045.D
Acq: 12 Jun 2018 00:03

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	127	Resp:	82569
Ion	Ratio	Lower	Upper
127	100		
129	28.6	24.0	36.0
65	34.6	27.0	40.4
92	23.7	16.6	25.0

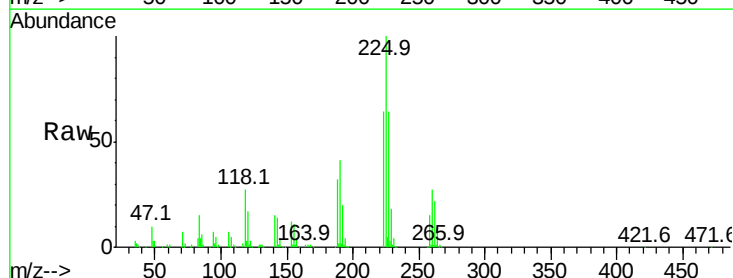


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

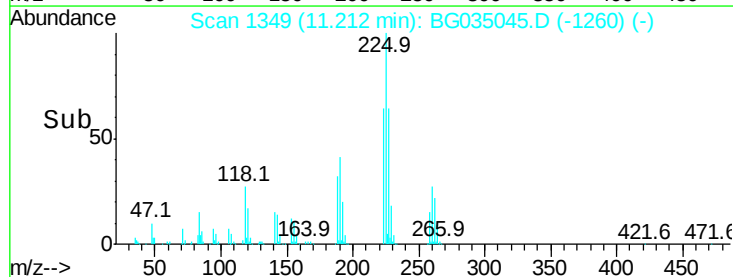
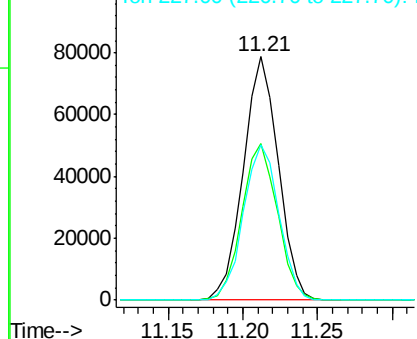


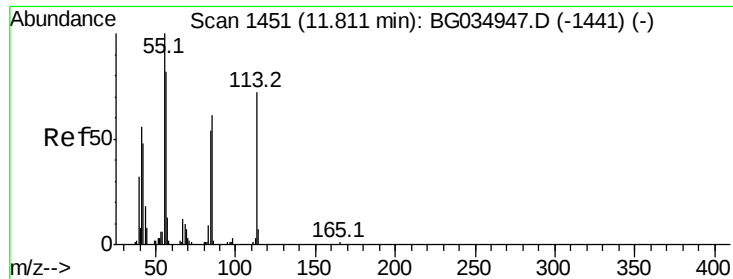
#34
Hexachlorobutadiene
Concen: 39.430 ng
RT: 11.21 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BG035045.D
Acq: 12 Jun 2018 00:03

Tgt Ion:	225	Resp:	127685
Ion	Ratio	Lower	Upper
225	100		
223	64.5	49.7	74.5
227	63.6	48.1	72.1



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





#35

Caprolactam

Concen: 31.903 ng

RT: 11.81 min Scan# 1450

Delta R.T. -0.00 min

Lab File: BG035045.D

Acq: 12 Jun 2018 00:03

Instrument :

BNA_M

ClientSampleId :

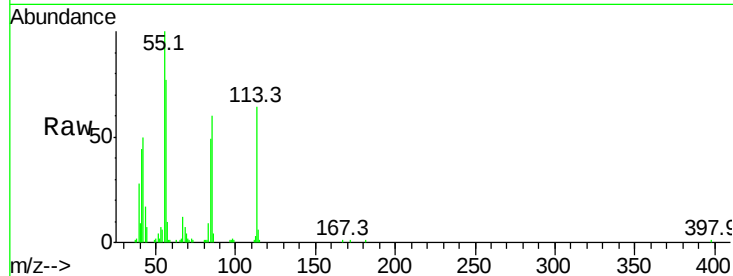
Tot Ion:113 Resp: 40942

Ion Ratio Lower Upper

113 100

55 156.8 186.9 226.9#

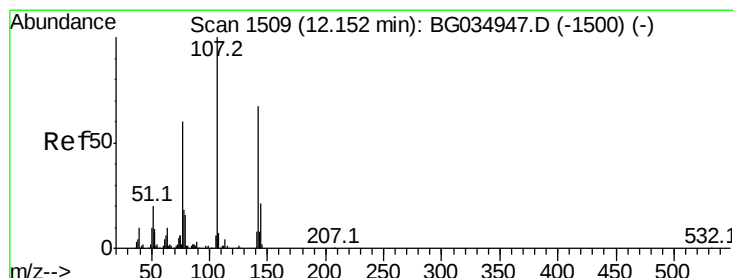
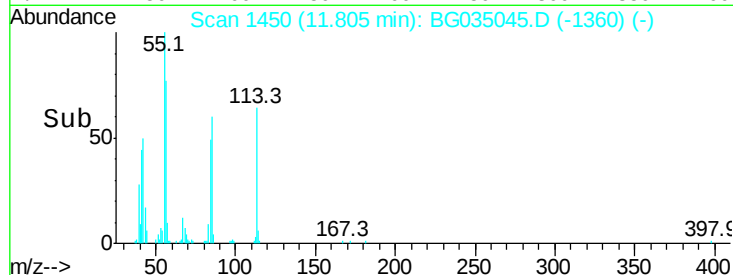
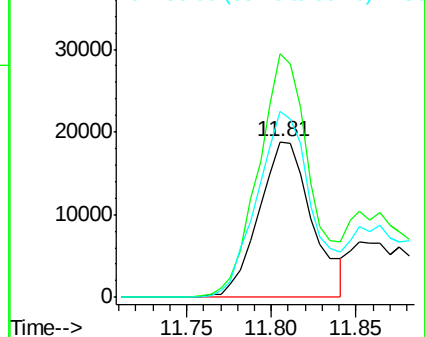
56 120.1 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 50.980 ng

RT: 12.15 min Scan# 1508

Delta R.T. 0.00 min

Lab File: BG035045.D

Acq: 12 Jun 2018 00:03

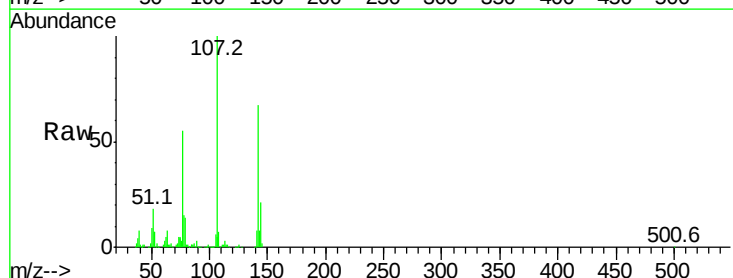
Tgt Ion:107 Resp: 220669

Ion Ratio Lower Upper

107 100

144 20.9 18.2 27.4

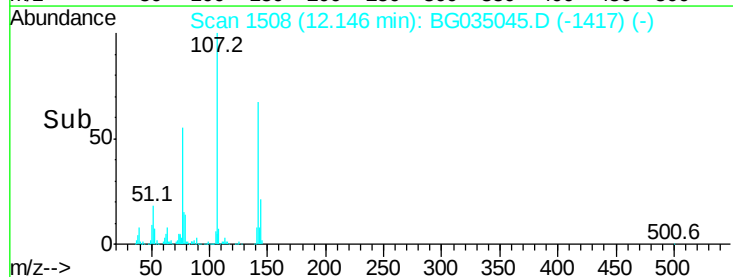
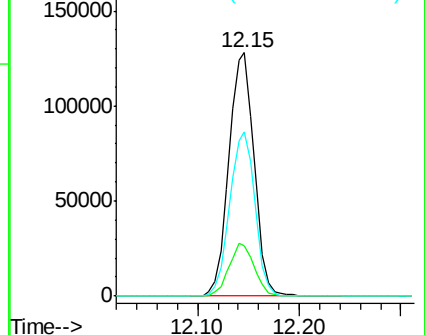
142 67.3 59.0 88.4

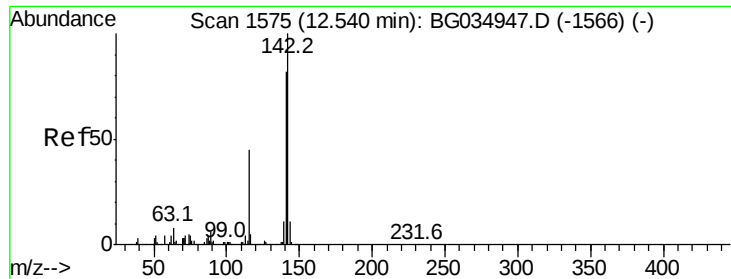


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

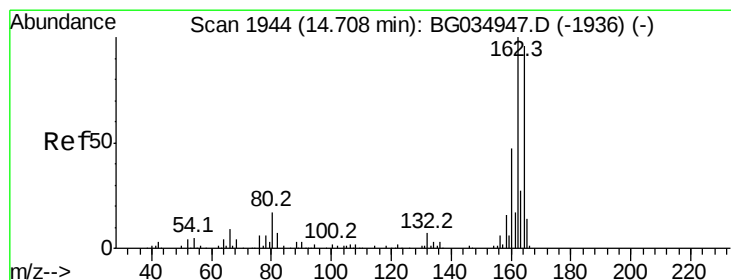
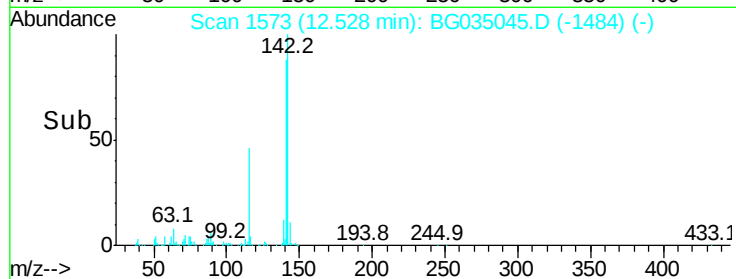
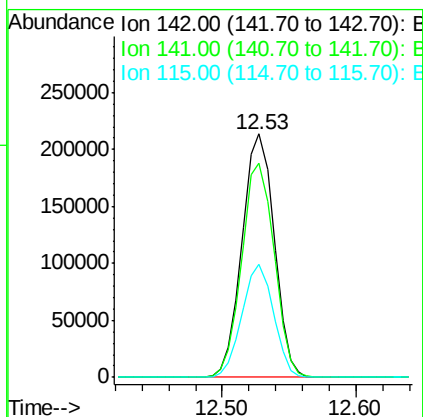
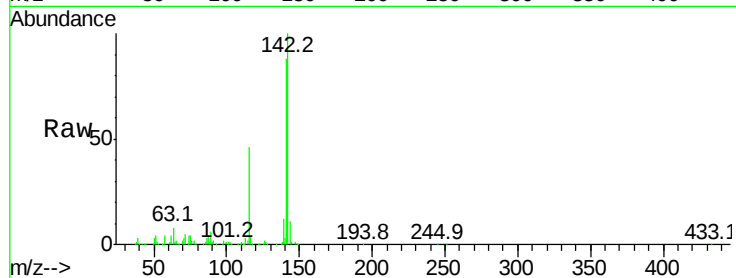




#37
 2-Methylnaphthalene
 Concen: 44.166 ng
 RT: 12.53 min Scan# 1573
 Delta R.T. -0.01 min
 Lab File: BG035045.D
 Acq: 12 Jun 2018 00:03

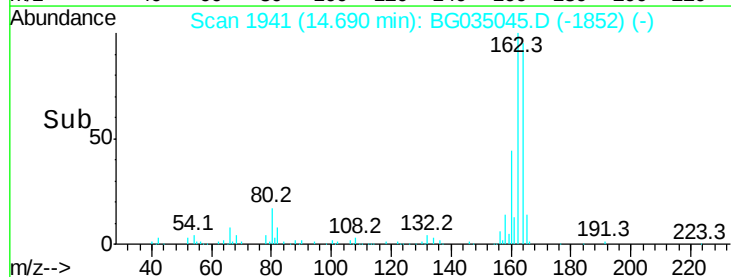
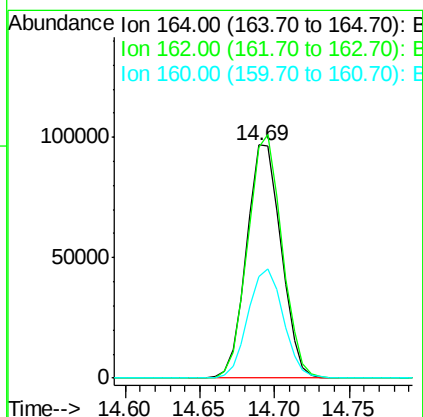
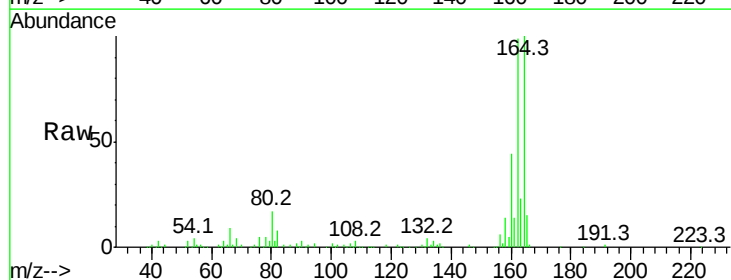
Instrument :
 BNA_M
 ClientSampleId :

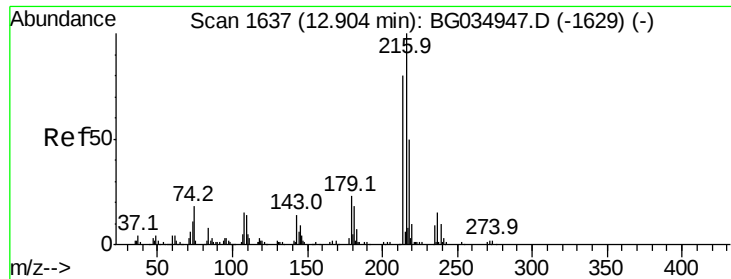
Tot Ion:142 Resp: 355671
 Ion Ratio Lower Upper
 142 100
 141 88.2 67.1 100.7
 115 46.2 30.7 46.1#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1941
 Delta R.T. -0.01 min
 Lab File: BG035045.D
 Acq: 12 Jun 2018 00:03

Tgt Ion:164 Resp: 155046
 Ion Ratio Lower Upper
 164 100
 162 98.9 78.8 118.2
 160 43.6 35.4 53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.563 ng

RT: 12.89 min Scan# 1635

Delta R.T. -0.00 min

Lab File: BG035045.D

Acq: 12 Jun 2018 00:03

Instrument :

BNA_M

ClientSampleId :

Tot Ion:216 Resp: 240030

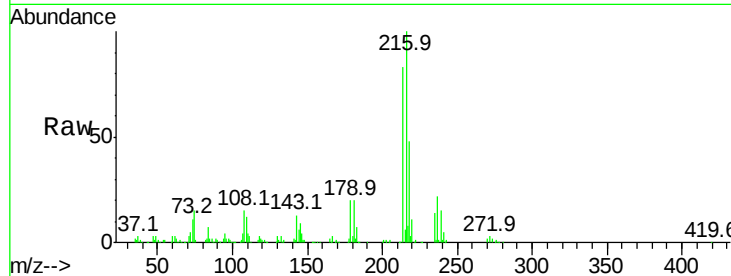
Ion Ratio Lower Upper

216 100

214 78.8 63.0 94.4

179 20.1 17.0 25.6

108 17.0 12.8 19.2

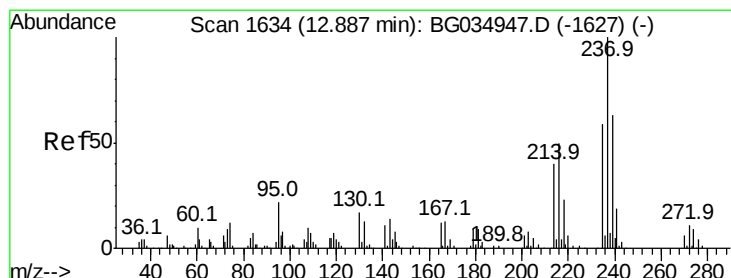
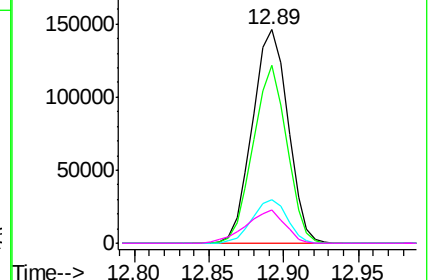
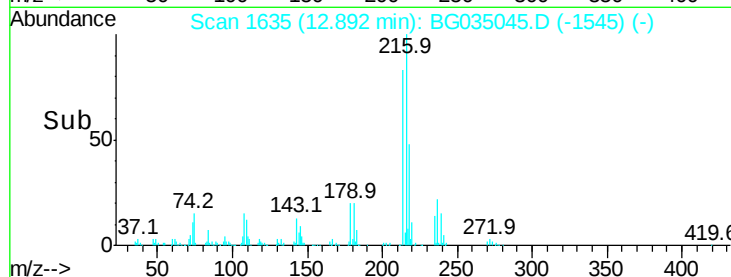


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 88.883 ng

RT: 12.87 min Scan# 1632

Delta R.T. -0.01 min

Lab File: BG035045.D

Acq: 12 Jun 2018 00:03

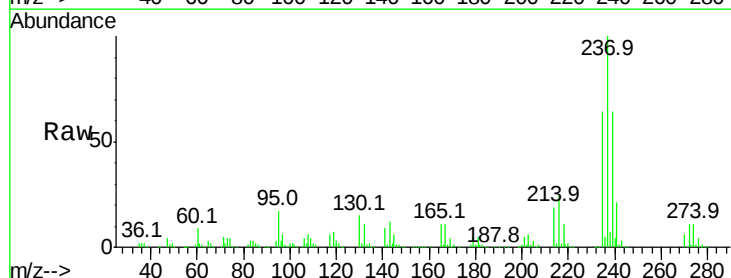
Tgt Ion:237 Resp: 321894

Ion Ratio Lower Upper

237 100

235 63.8 50.4 90.4

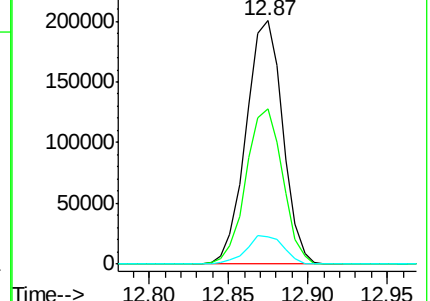
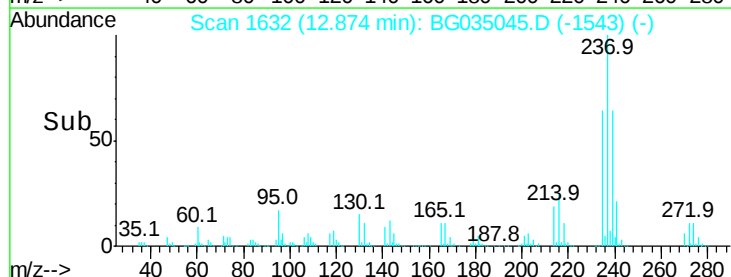
272 11.4 0.0 31.8

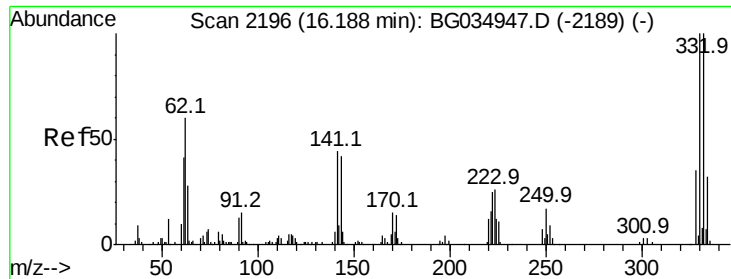


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

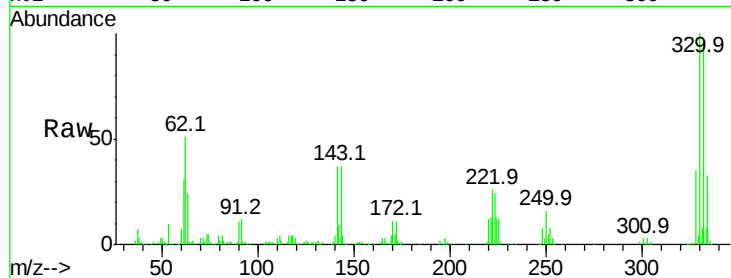




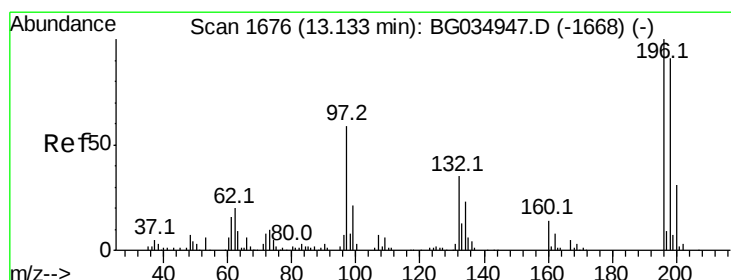
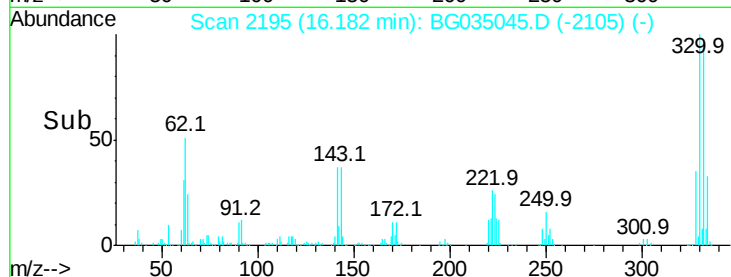
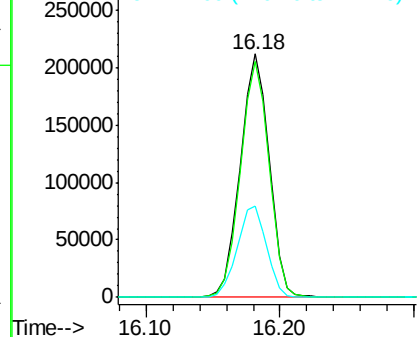
#41
 2,4,6-Tribromophenol
 Concen: 160.190 ng
 RT: 16.18 min Scan# 2195
 Delta R.T. -0.00 min
 Lab File: BG035045.D
 Acq: 12 Jun 2018 00:03

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:330 Resp: 317942
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.0 115.6
 141 38.1 25.2 37.8#

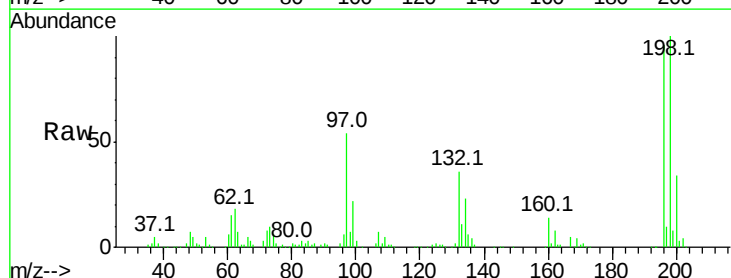


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

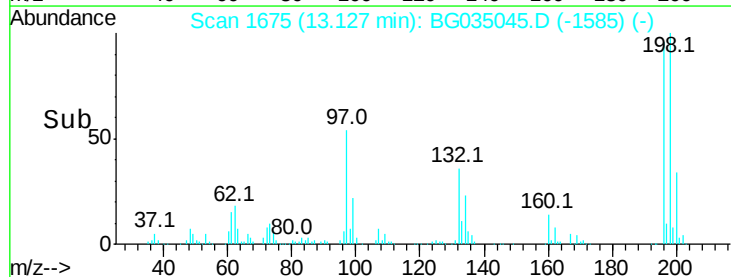
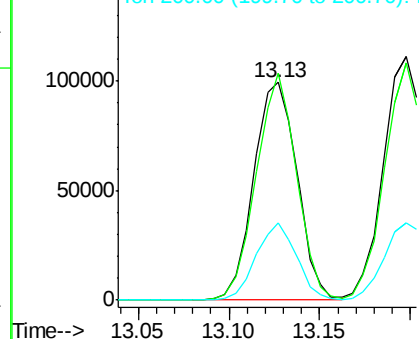


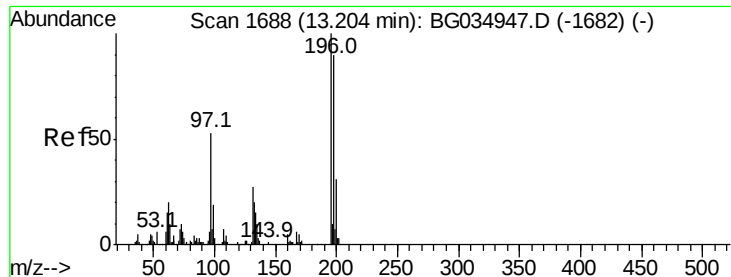
#42
 2,4,6-Trichlorophenol
 Concen: 47.658 ng
 RT: 13.13 min Scan# 1675
 Delta R.T. -0.00 min
 Lab File: BG035045.D
 Acq: 12 Jun 2018 00:03

Tgt Ion:196 Resp: 164802
 Ion Ratio Lower Upper
 196 100
 198 104.3 78.2 117.2
 200 35.7 24.6 36.8



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

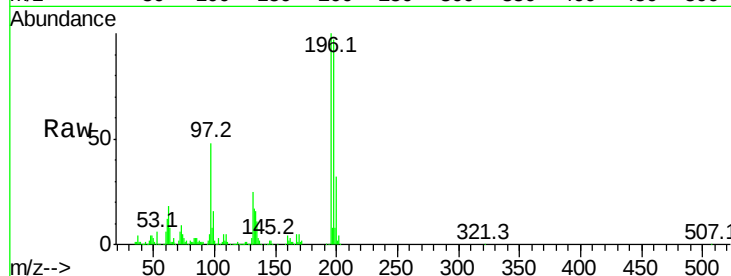




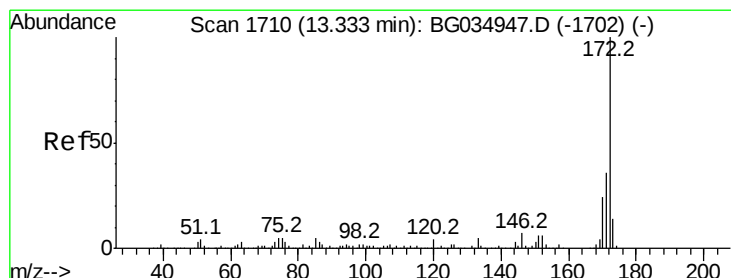
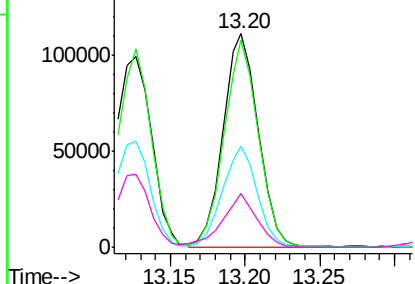
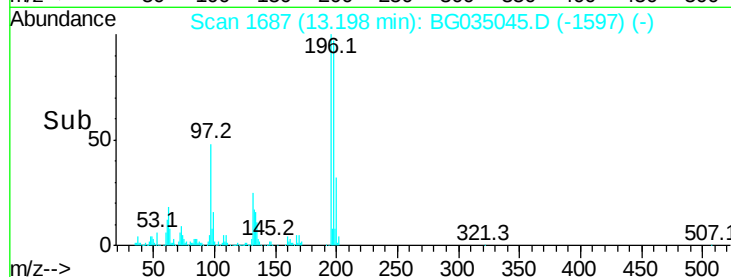
#43
2,4,5-Trichlorophenol
Concen: 48.084 ng
RT: 13.20 min Scan# 1687
Delta R.T. -0.00 min
Lab File: BG035045.D
Acq: 12 Jun 2018 00:03

Instrument :
BNA_M
ClientSampleId :

Tot Ion:196 Resp: 182502
Ion Ratio Lower Upper
196 100
198 97.4 76.2 114.4
97 47.6 38.7 58.1
132 25.1 20.2 30.2

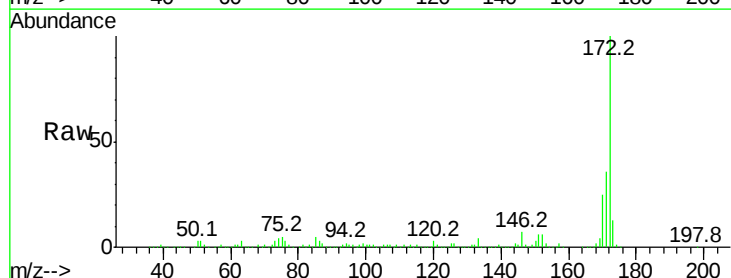


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BGC
Ion 132.00 (131.70 to 132.70): E

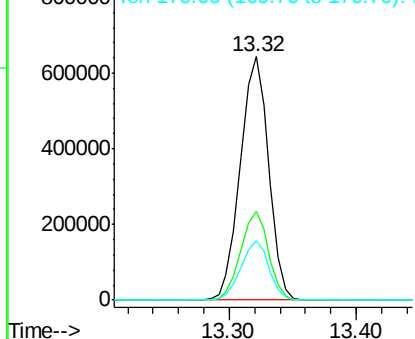
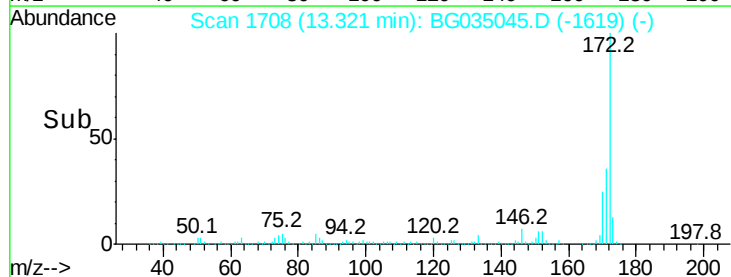


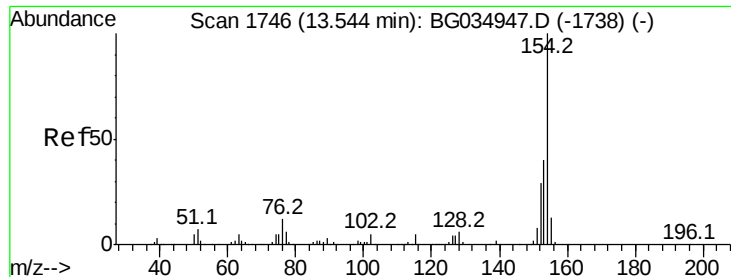
#44
2-Fluorobiphenyl
Concen: 83.553 ng
RT: 13.32 min Scan# 1708
Delta R.T. -0.01 min
Lab File: BG035045.D
Acq: 12 Jun 2018 00:03

Tgt Ion:172 Resp: 996509
Ion Ratio Lower Upper
172 100
171 36.2 30.0 45.0
170 24.5 19.5 29.3



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

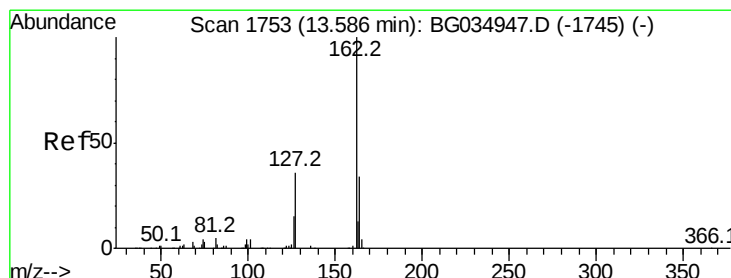
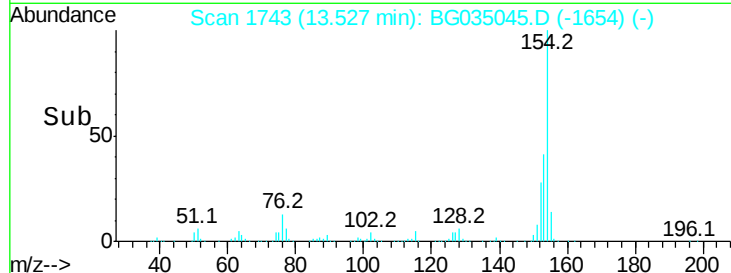
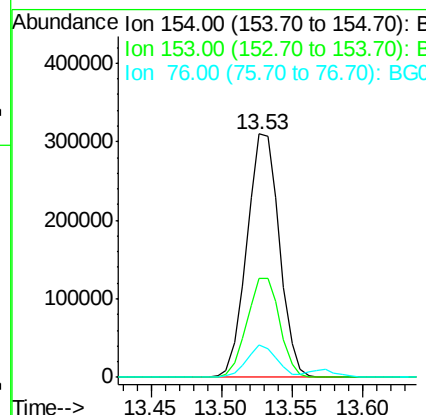
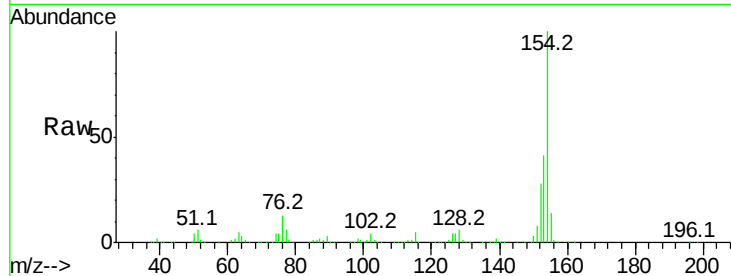




#45
 1,1'-Biphenyl
 Concen: 40.048 ng
 RT: 13.53 min Scan# 1743
 Delta R.T. -0.01 min
 Lab File: BG035045.D
 Acq: 12 Jun 2018 00:03

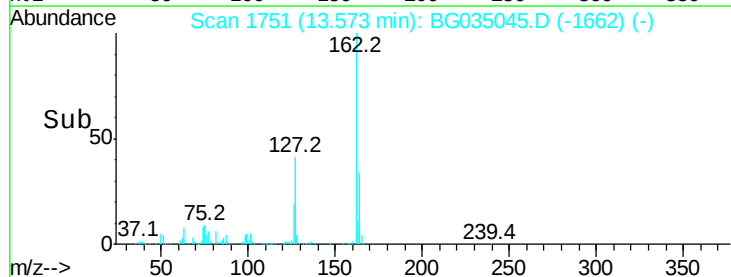
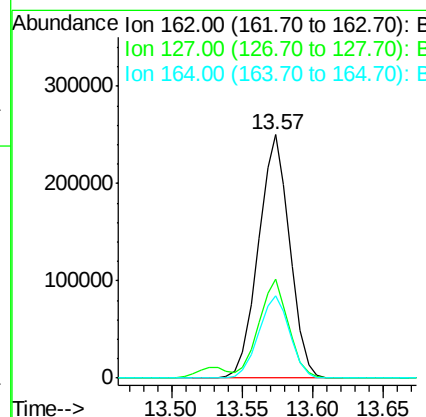
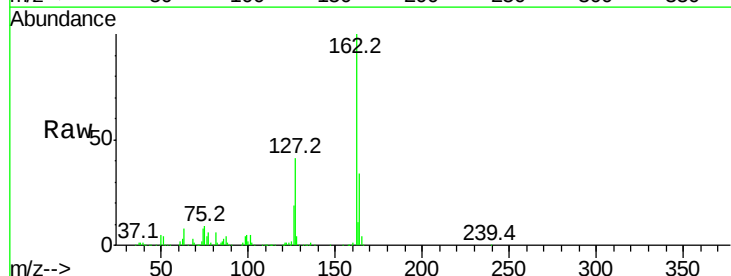
Instrument :
 BNA_M
 ClientSampleId :

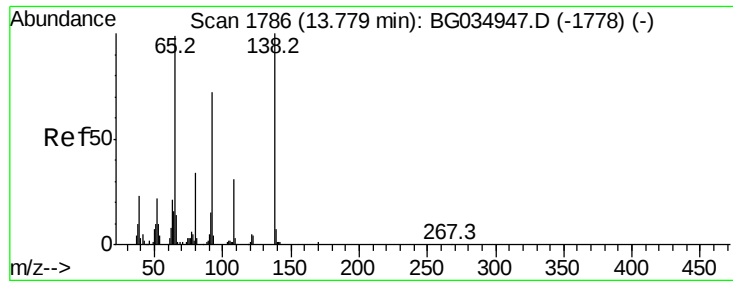
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.6	19.8	59.8
76	13.2	0.0	31.9



#46
 2-Chloronaphthalene
 Concen: 41.187 ng
 RT: 13.57 min Scan# 1751
 Delta R.T. -0.01 min
 Lab File: BG035045.D
 Acq: 12 Jun 2018 00:03

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.8	30.7	46.1
164	33.6	26.0	39.0

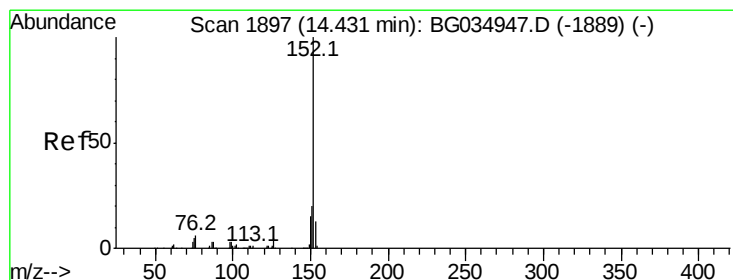
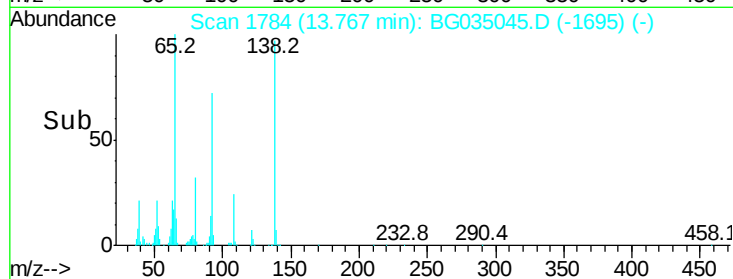
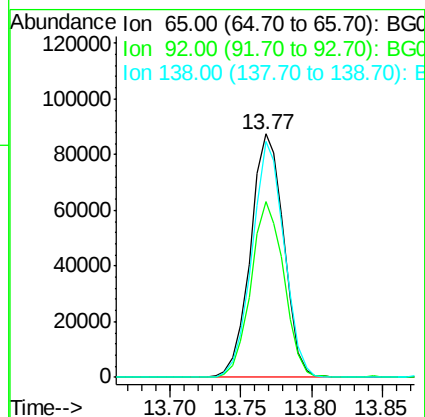
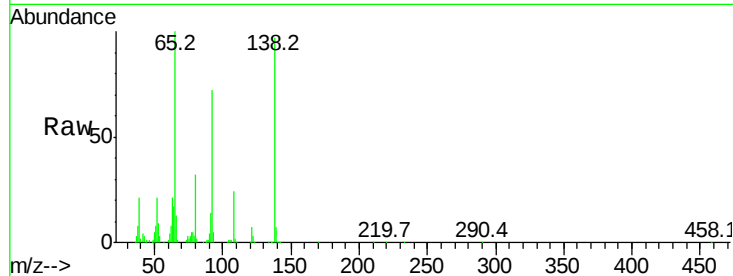




#47
2-Nitroaniline
Concen: 51.850 ng
RT: 13.77 min Scan# 1784
Delta R.T. -0.01 min
Lab File: BG035045.D
Acq: 12 Jun 2018 00:03

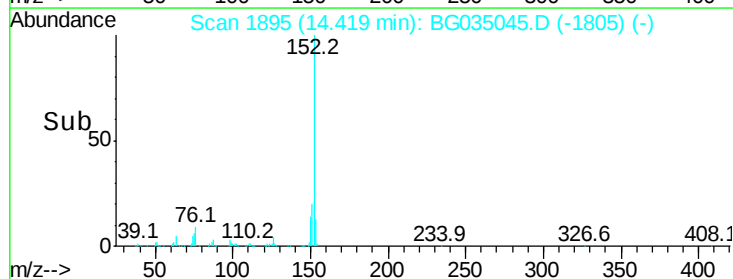
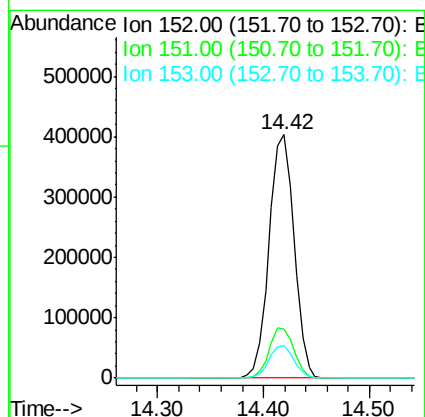
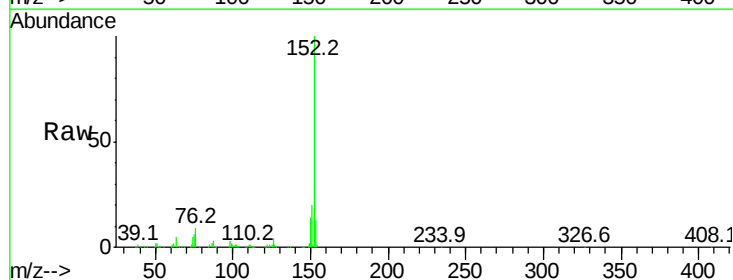
Instrument :
BNA_M
ClientSampleId :

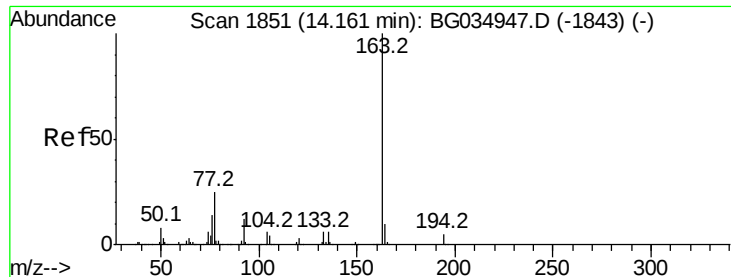
Tot Ion: 65 Resp: 144320
Ion Ratio Lower Upper
65 100
92 72.3 54.6 82.0
138 96.9 72.9 109.3



#48
Acenaphthylene
Concen: 41.904 ng
RT: 14.42 min Scan# 1895
Delta R.T. -0.00 min
Lab File: BG035045.D
Acq: 12 Jun 2018 00:03

Tgt Ion: 152 Resp: 662320
Ion Ratio Lower Upper
152 100
151 20.2 17.2 25.8
153 13.3 10.2 15.4





#49

Dimethylphthalate

Concen: 40.971 ng

RT: 14.15 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BG035045.D

Acq: 12 Jun 2018 00:03

Instrument :

BNA_M

ClientSampleId :

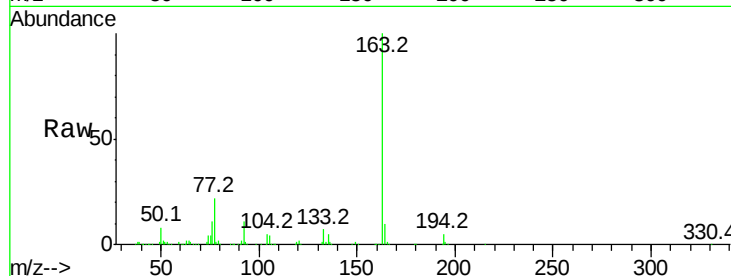
Tot Ion:163 Resp: 553943

Ion Ratio Lower Upper

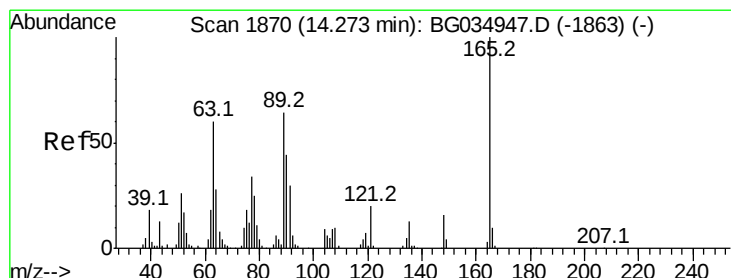
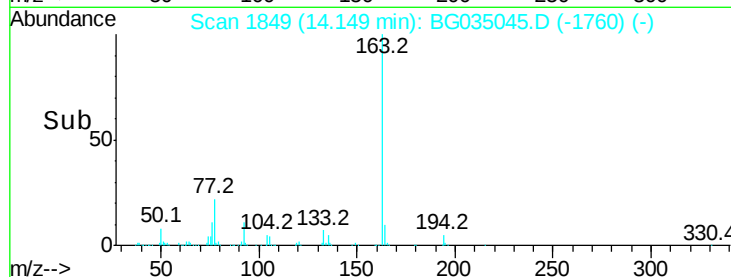
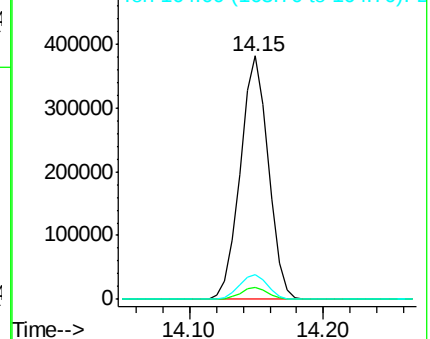
163 100

194 4.9 3.4 5.2

164 10.4 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: 50.398 ng

RT: 14.27 min Scan# 1869

Delta R.T. -0.00 min

Lab File: BG035045.D

Acq: 12 Jun 2018 00:03

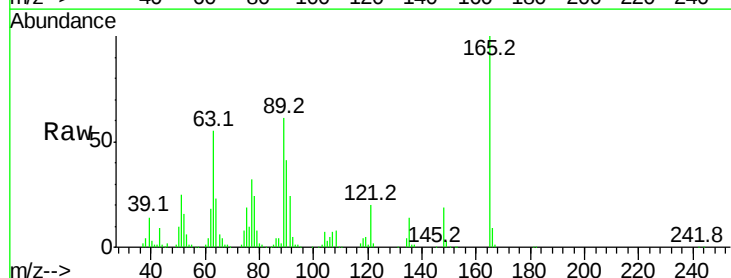
Tgt Ion:165 Resp: 124310

Ion Ratio Lower Upper

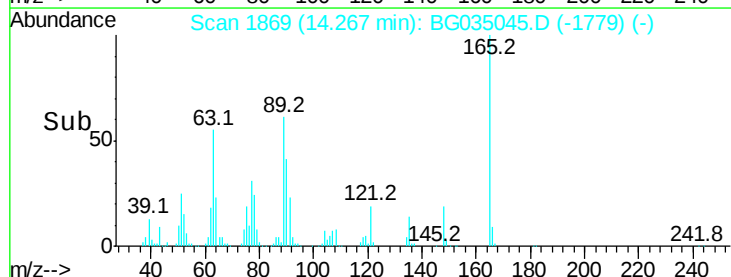
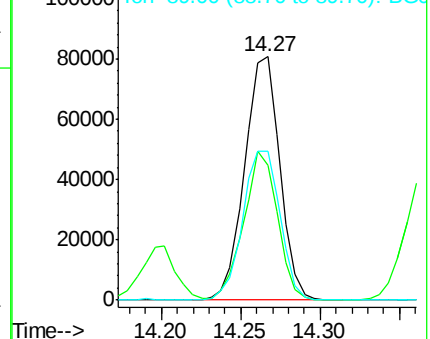
165 100

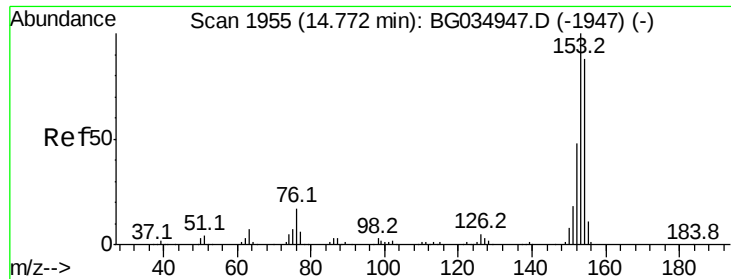
63 55.4 52.7 79.1

89 61.0 49.2 73.8



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG0
Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 38.662 ng

RT: 14.76 min Scan# 1953

Delta R.T. -0.00 min

Lab File: BG035045.D

Acq: 12 Jun 2018 00:03

Instrument :

BNA_M

ClientSampled :

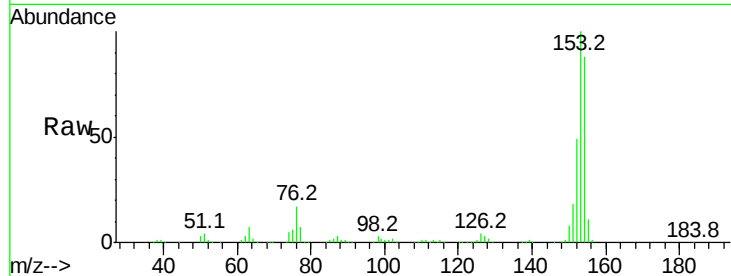
Tot Ion:154 Resp: 399263

Ion Ratio Lower Upper

154 100

153 113.4 90.4 135.6

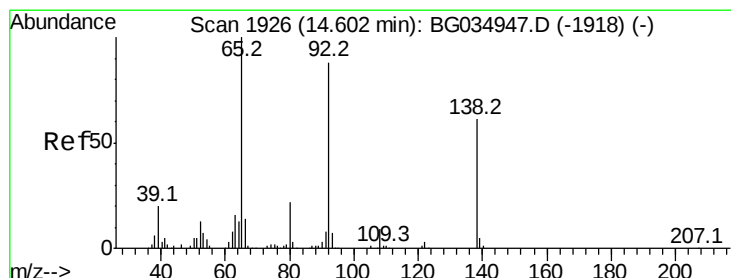
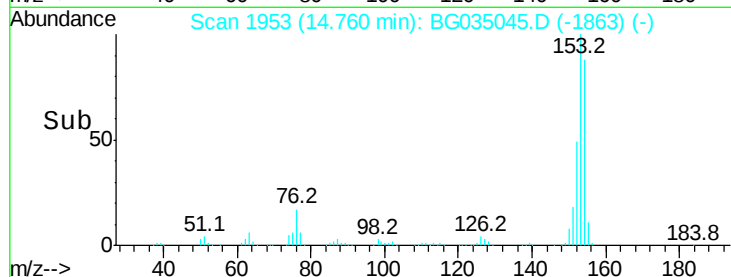
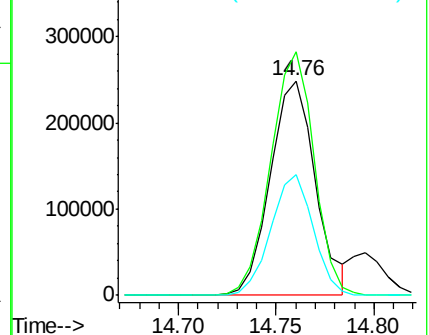
152 56.0 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 31.264 ng

RT: 14.59 min Scan# 1924

Delta R.T. -0.00 min

Lab File: BG035045.D

Acq: 12 Jun 2018 00:03

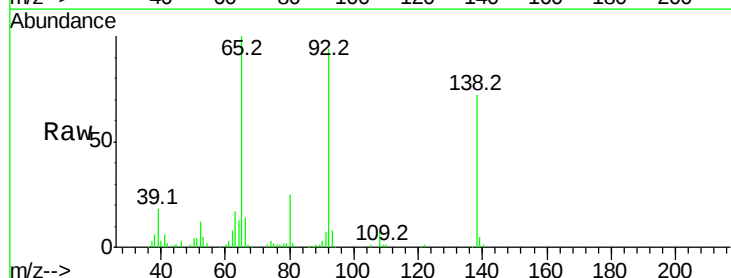
Tgt Ion:138 Resp: 75671

Ion Ratio Lower Upper

138 100

108 11.3 17.5 26.3#

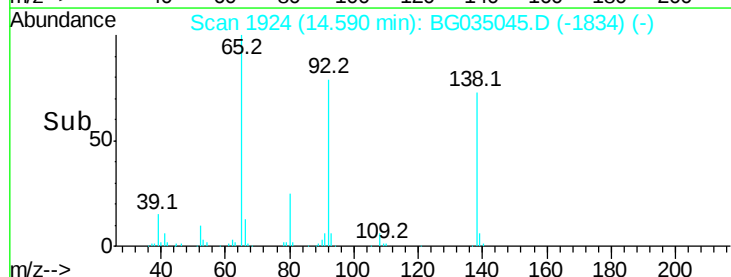
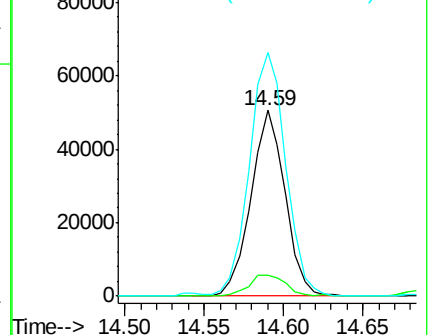
92 130.9 105.8 158.8

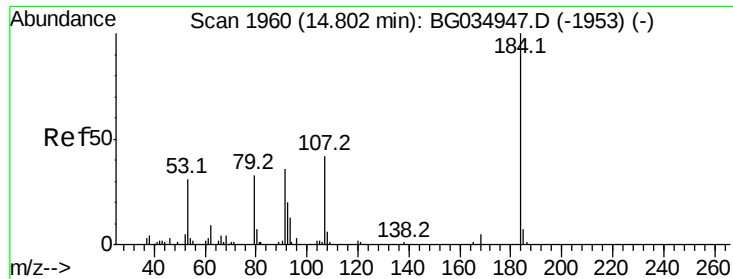


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

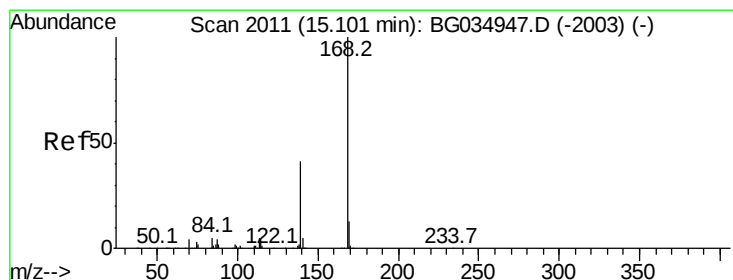
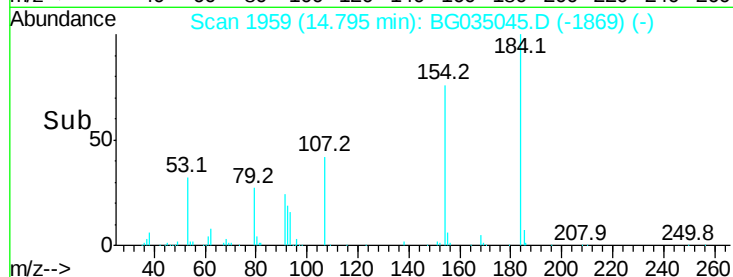
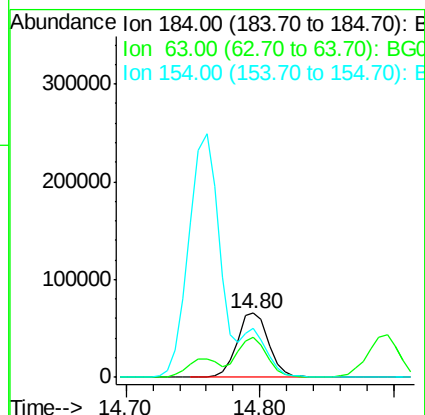
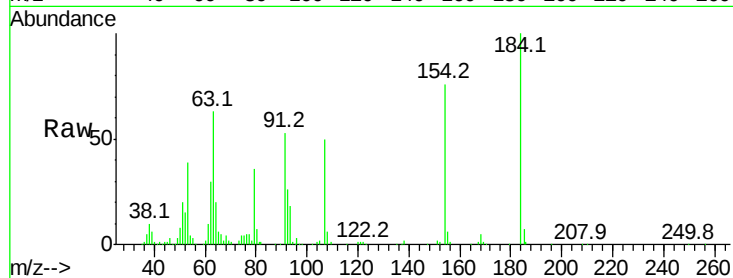




#53
2,4-Dinitrophenol
Concen: 108.305 ng
RT: 14.80 min Scan# 1959
Delta R.T. -0.00 min
Lab File: BG035045.D
Acq: 12 Jun 2018 00:03

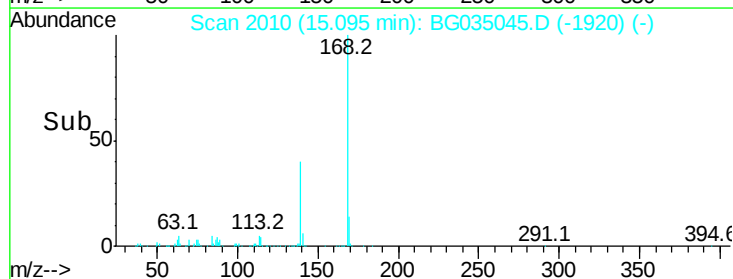
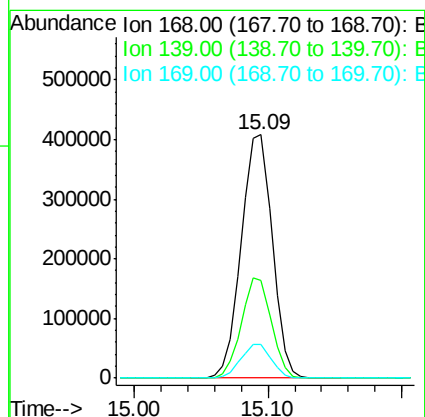
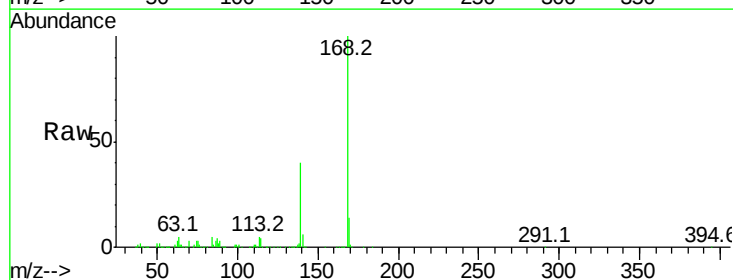
Instrument :
BNA_M
ClientSampleId :

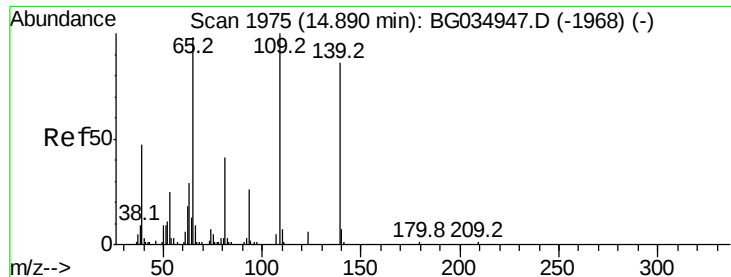
Tot Ion:184 Resp: 108115
Ion Ratio Lower Upper
184 100
63 62.8 59.8 89.8
154 75.8 101.8 152.8#



#54
Dibenzofuran
Concen: 42.207 ng
RT: 15.09 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BG035045.D
Acq: 12 Jun 2018 00:03

Tgt Ion:168 Resp: 652792
Ion Ratio Lower Upper
168 100
139 40.1 28.6 43.0
169 13.7 11.2 16.8

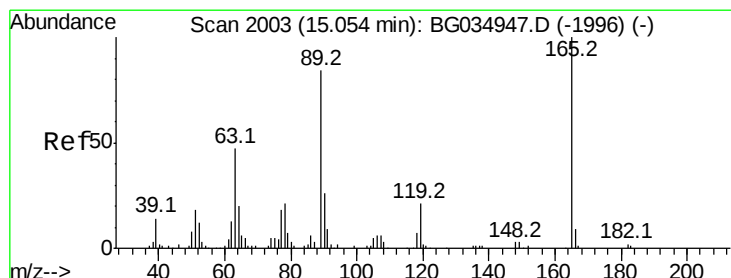
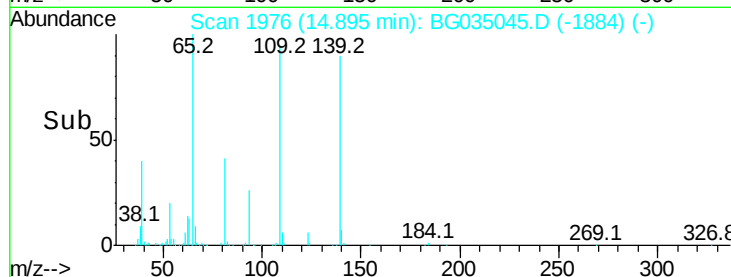
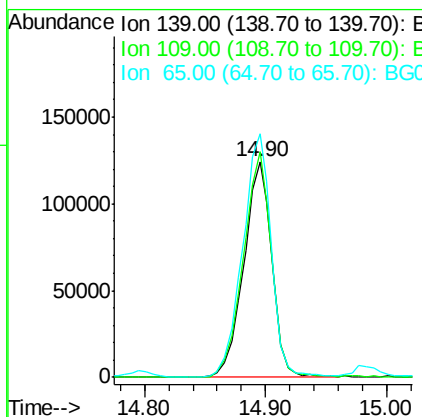
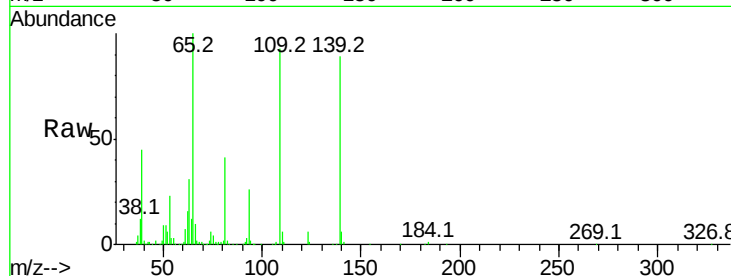




#55
4-Nitrophenol
Concen: 98.331 ng
RT: 14.90 min Scan# 1976
Delta R.T. 0.01 min
Lab File: BG035045.D
Acq: 12 Jun 2018 00:03

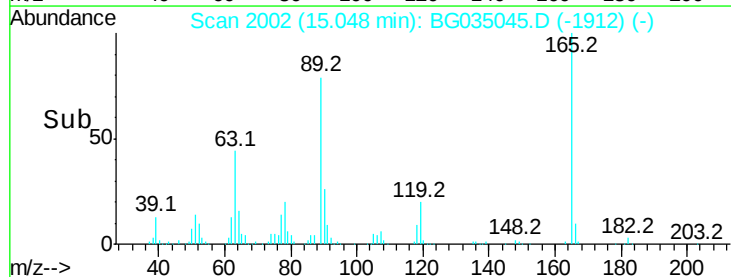
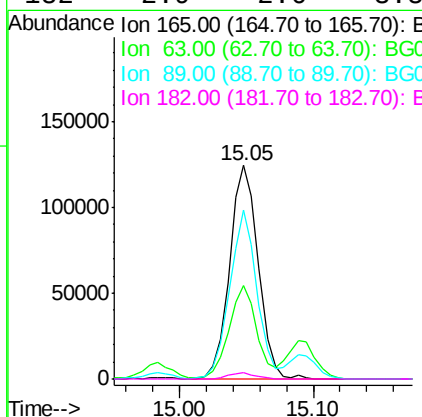
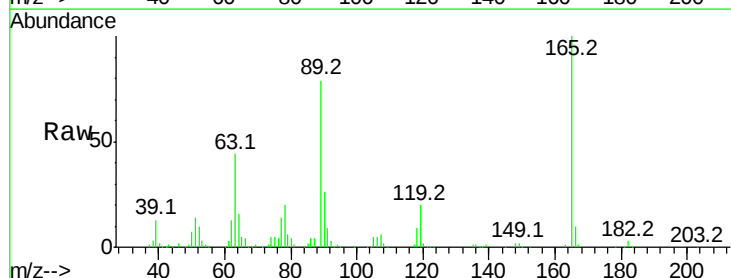
Instrument :
BNA_M
ClientSampleId :

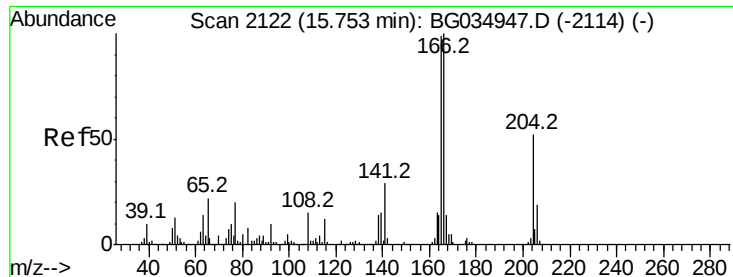
Tot Ion:139 Resp: 200861
Ion Ratio Lower Upper
139 100
109 104.8 62.2 102.2#
65 112.8 97.2 137.2



#56
2,4-Dinitrotoluene
Concen: 56.687 ng
RT: 15.05 min Scan# 2002
Delta R.T. -0.00 min
Lab File: BG035045.D
Acq: 12 Jun 2018 00:03

Tgt Ion:165 Resp: 185739
Ion Ratio Lower Upper
165 100
63 43.9 42.0 63.0
89 79.4 66.9 100.3
182 2.9 2.6 3.8

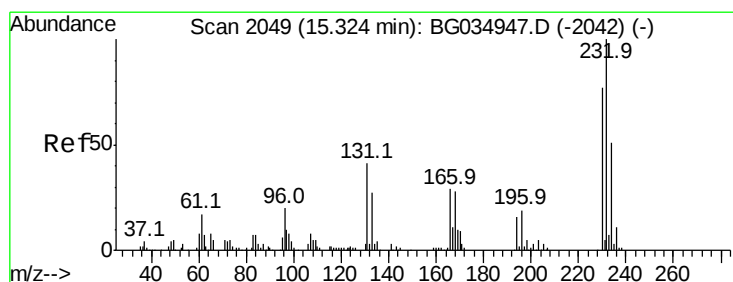
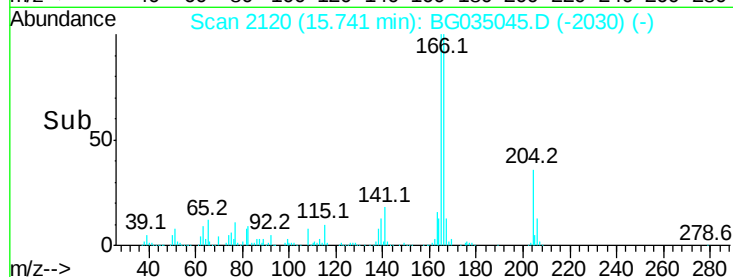
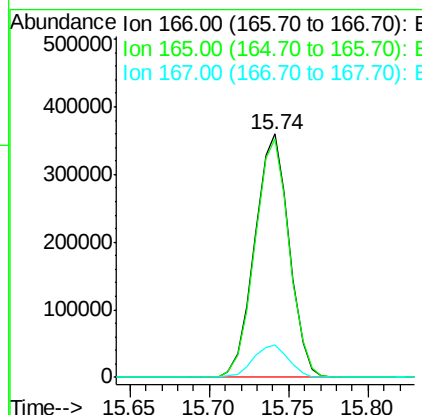
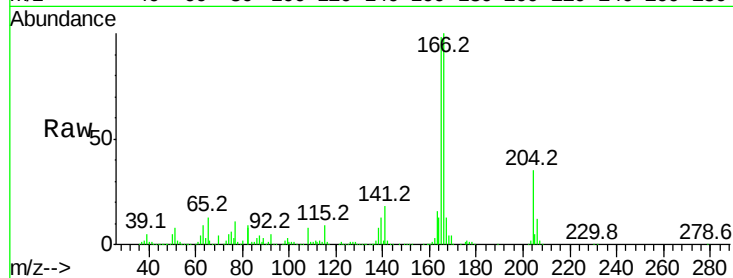




#57
 Fluorene
 Concen: 42.043 ng
 RT: 15.74 min Scan# 2120
 Delta R.T. -0.00 min
 Lab File: BG035045.D
 Acq: 12 Jun 2018 00:03

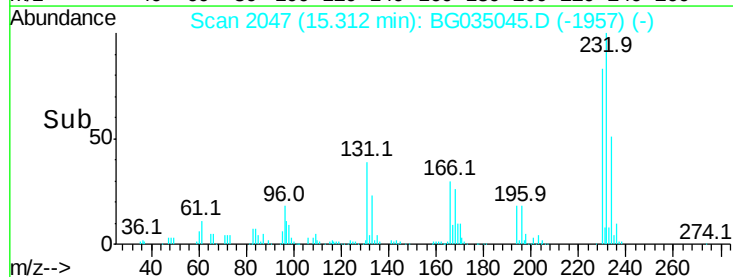
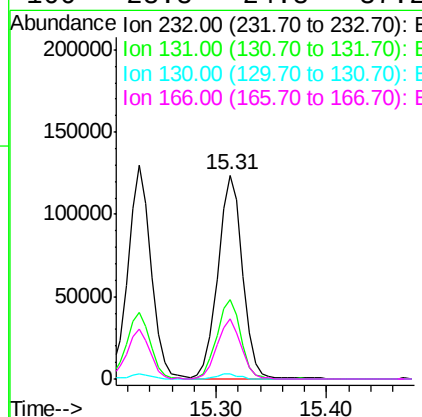
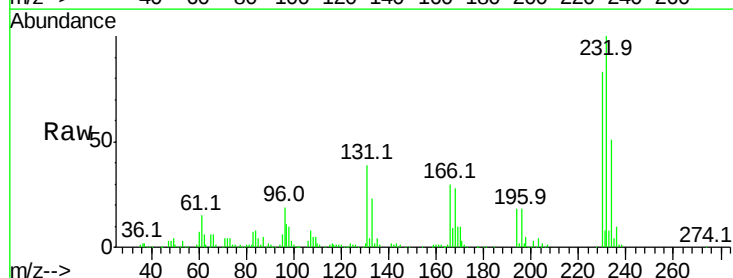
Instrument :
 BNA_M
 ClientSampled :

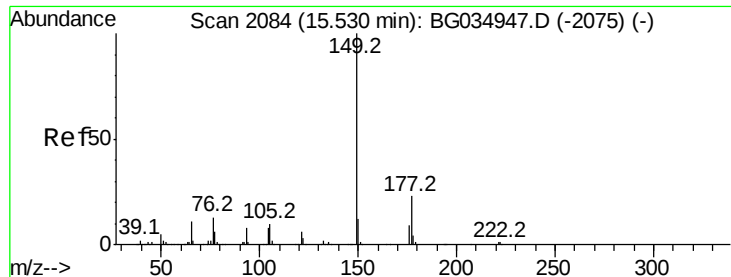
Tot Ion:166 Resp: 543445
 Ion Ratio Lower Upper
 166 100
 165 98.0 80.6 121.0
 167 13.5 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 51.716 ng
 RT: 15.31 min Scan# 2047
 Delta R.T. -0.00 min
 Lab File: BG035045.D
 Acq: 12 Jun 2018 00:03

Tgt Ion:232 Resp: 190685
 Ion Ratio Lower Upper
 232 100
 131 38.0 33.5 50.3
 130 2.1 2.2 3.2#
 166 28.8 24.8 37.2

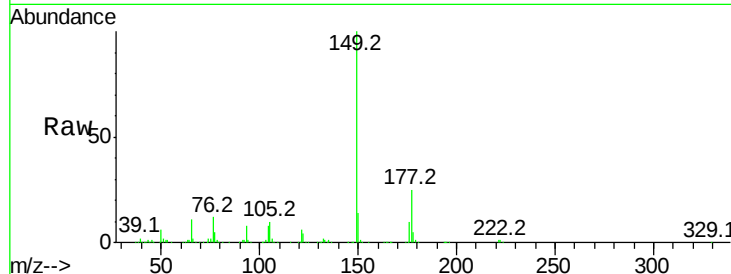




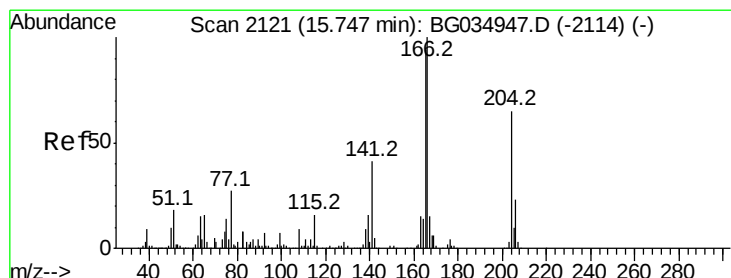
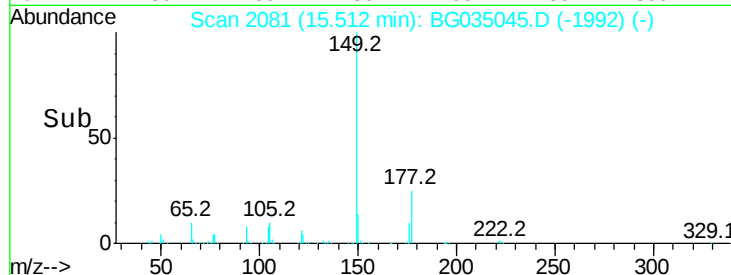
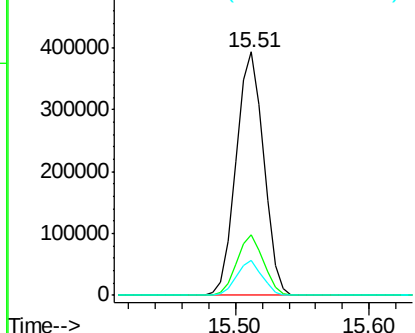
#59
Diethylphthalate
Concen: 40.806 ng
RT: 15.51 min Scan# 2081
Delta R.T. -0.01 min
Lab File: BG035045.D
Acq: 12 Jun 2018 00:03

Instrument :
BNA_M
ClientSampleId :

Tot Ion:149 Resp: 562890
Ion Ratio Lower Upper
149 100
177 24.9 18.5 27.7
150 14.4 10.2 15.2

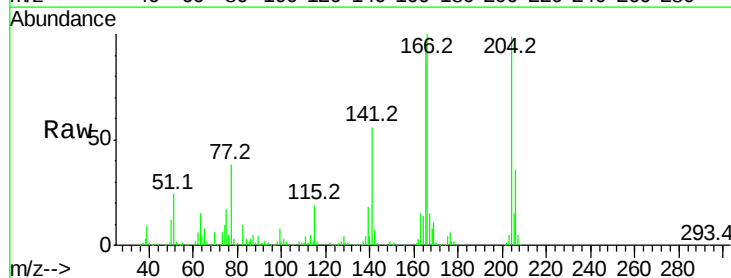


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

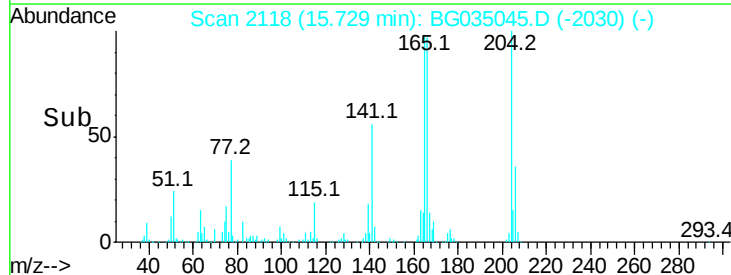
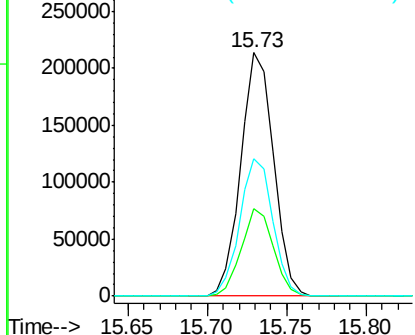


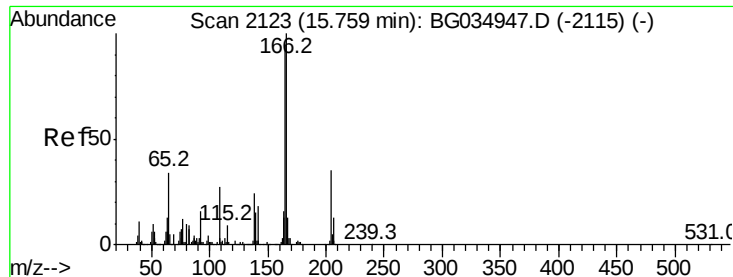
#60
4-Chlorophenyl-phenylether
Concen: 41.671 ng
RT: 15.73 min Scan# 2118
Delta R.T. -0.01 min
Lab File: BG035045.D
Acq: 12 Jun 2018 00:03

Tgt Ion:204 Resp: 307146
Ion Ratio Lower Upper
204 100
206 35.8 26.2 39.2
141 56.5 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

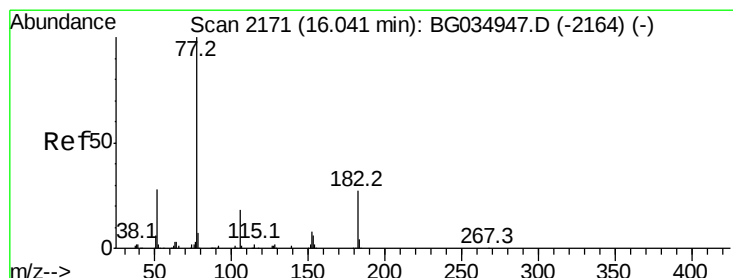
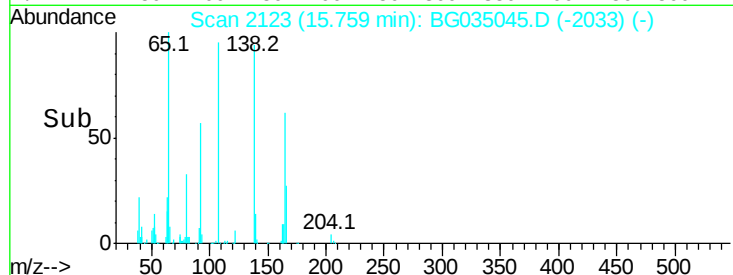
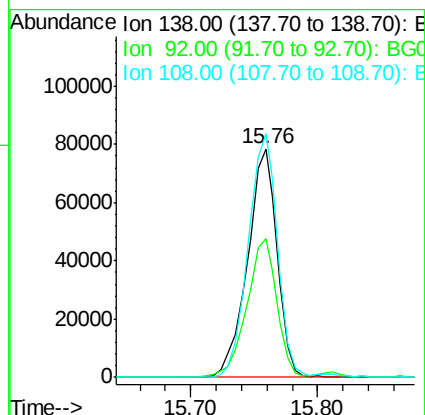
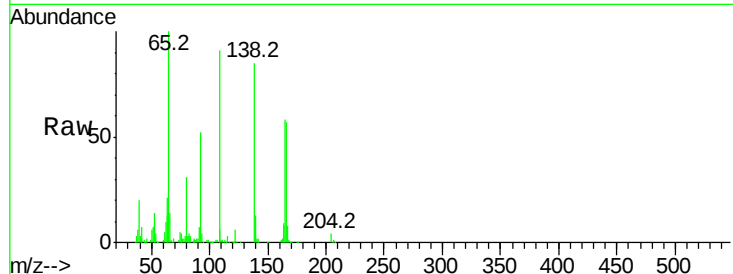




#61
4-Nitroaniline
Concen: 49.131 ng
RT: 15.76 min Scan# 2123
Delta R.T. -0.00 min
Lab File: BG035045.D
Acq: 12 Jun 2018 00:03

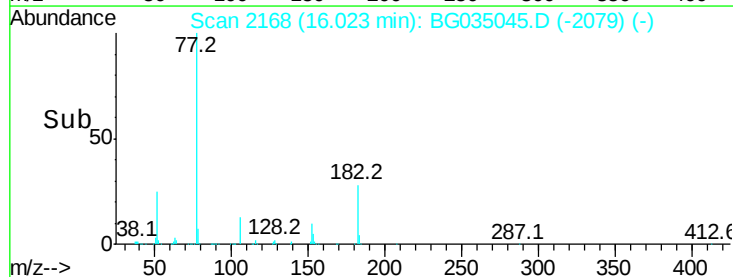
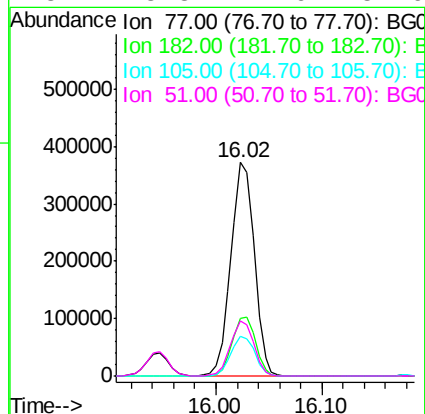
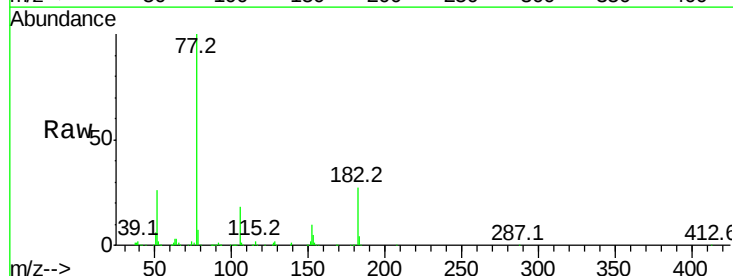
Instrument :
BNA_M
ClientSampled :

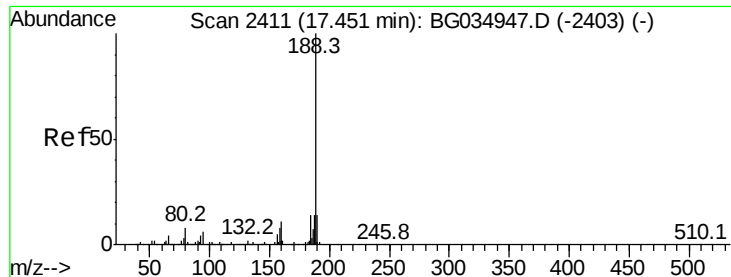
Tot Ion:138 Resp: 127529
Ion Ratio Lower Upper
138 100
92 60.6 40.1 80.1
108 106.4 65.4 105.4#



#62
Azobenzene
Concen: 42.192 ng
RT: 16.02 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BG035045.D
Acq: 12 Jun 2018 00:03

Tgt Ion: 77 Resp: 570334
Ion Ratio Lower Upper
77 100
182 26.9 7.4 47.4
105 18.5 0.3 40.3
51 25.8 11.6 51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.44 min Scan# 2409

Delta R.T. -0.00 min

Lab File: BG035045.D

Acq: 12 Jun 2018 00:03

Instrument :

BNA_M

ClientSampleId :

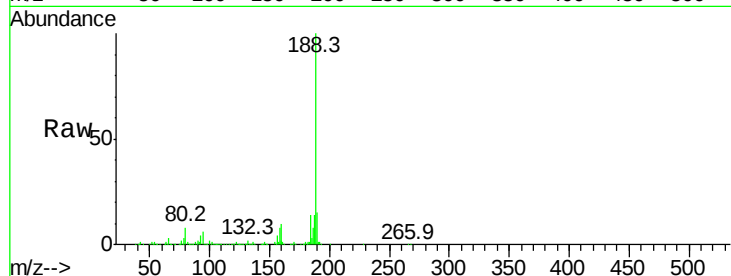
Tot Ion:188 Resp: 426616

Ion Ratio Lower Upper

188 100

94 6.4 6.9 10.3#

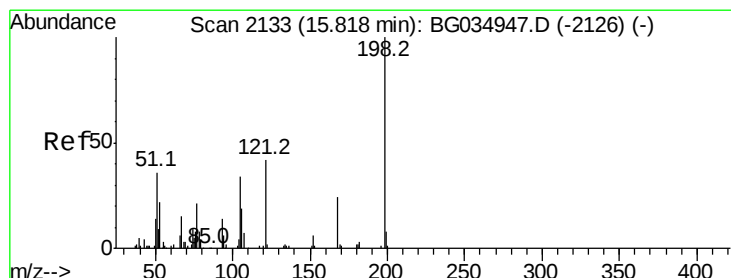
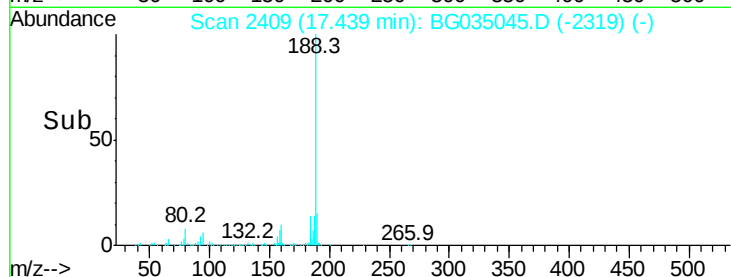
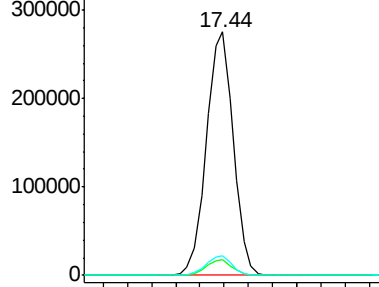
80 8.1 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 49.474 ng

RT: 15.81 min Scan# 2132

Delta R.T. -0.00 min

Lab File: BG035045.D

Acq: 12 Jun 2018 00:03

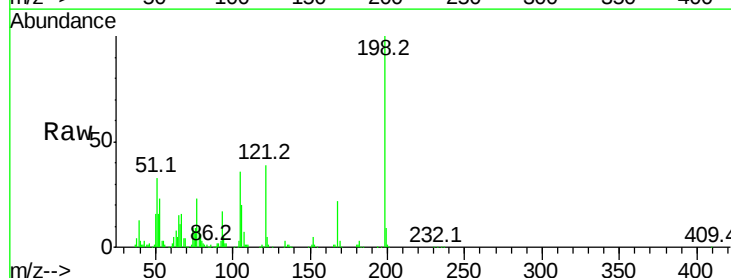
Tgt Ion:198 Resp: 96365

Ion Ratio Lower Upper

198 100

51 32.9 30.6 70.6

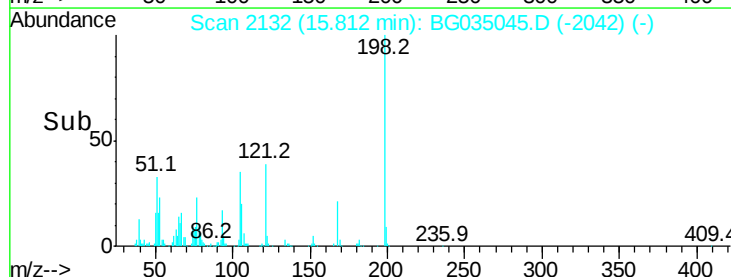
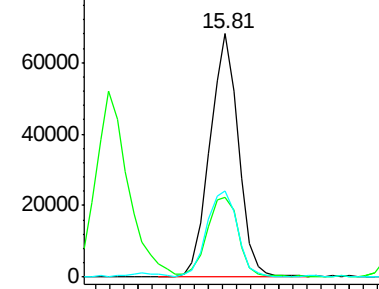
105 35.5 23.8 63.8

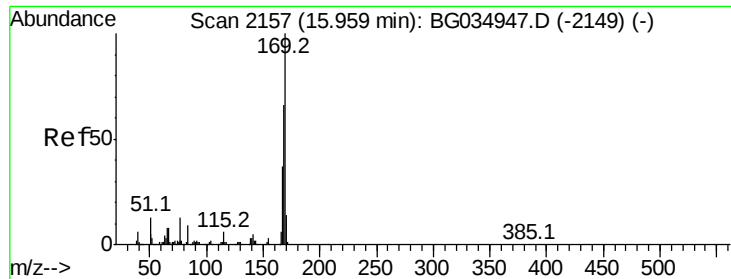


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

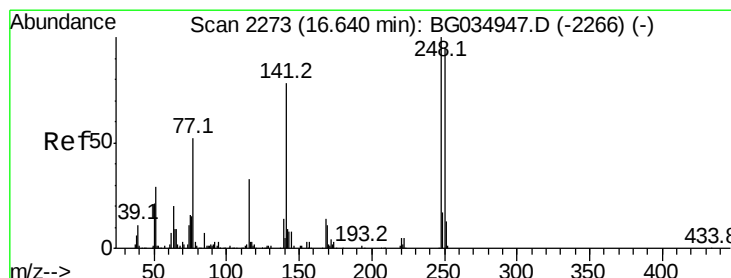
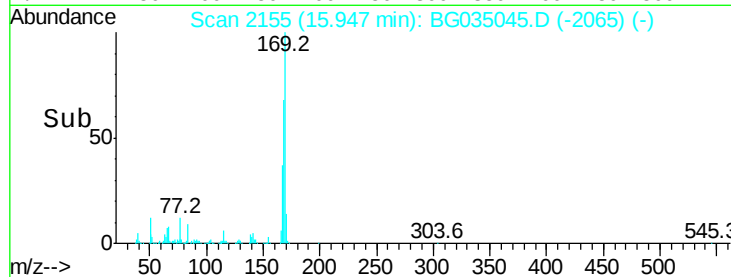
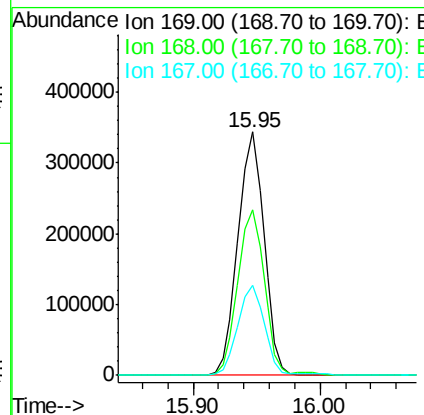
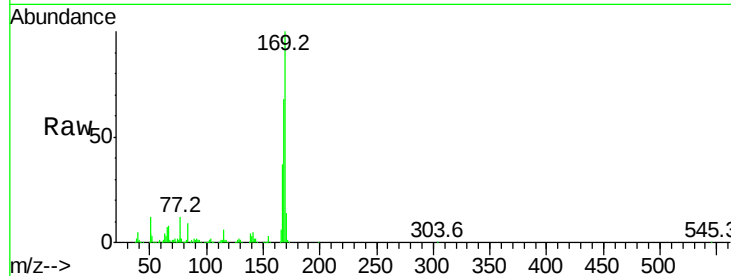




#65
 n-Nitrosodiphenylamine
 Concen: 38.330 ng
 RT: 15.95 min Scan# 2155
 Delta R.T. -0.00 min
 Lab File: BG035045.D
 Acq: 12 Jun 2018 00:03

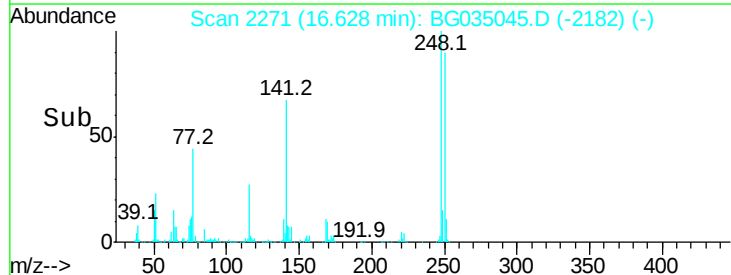
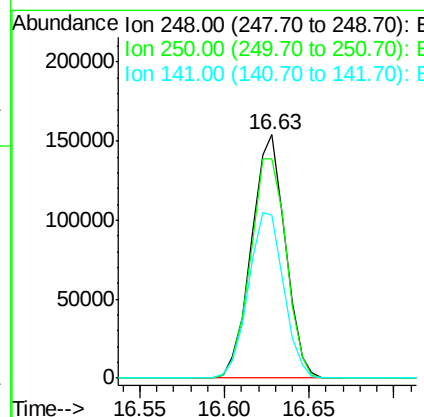
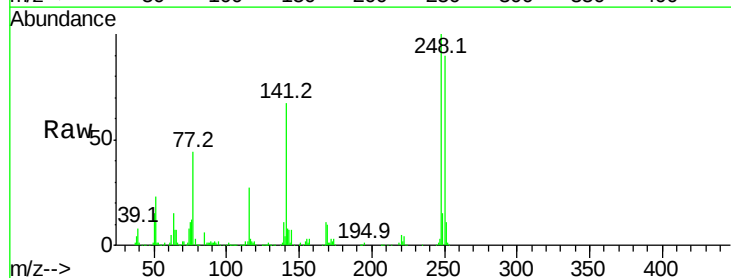
Instrument :
 BNA_M
 ClientSampleId :

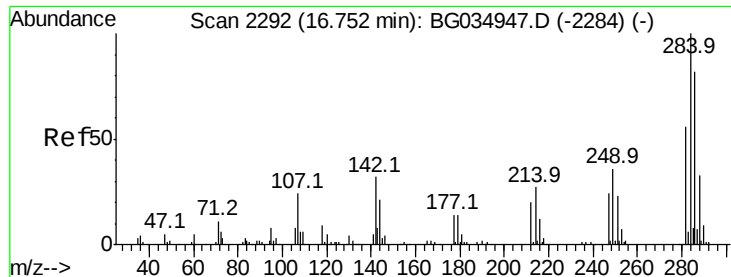
Tot Ion	Ratio	Lower	Upper
169	100		
168	68.2	55.7	83.5
167	36.9	30.1	45.1



#66
 4-Bromophenyl-phenylether
 Concen: 41.901 ng
 RT: 16.63 min Scan# 2271
 Delta R.T. -0.01 min
 Lab File: BG035045.D
 Acq: 12 Jun 2018 00:03

Tgt Ion	Ratio	Lower	Upper
248	100		
250	90.1	77.1	115.7
141	67.1	50.8	76.2

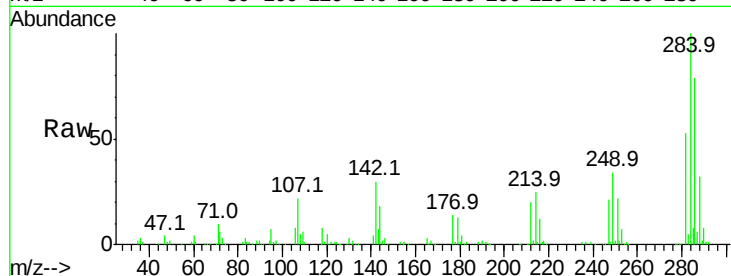




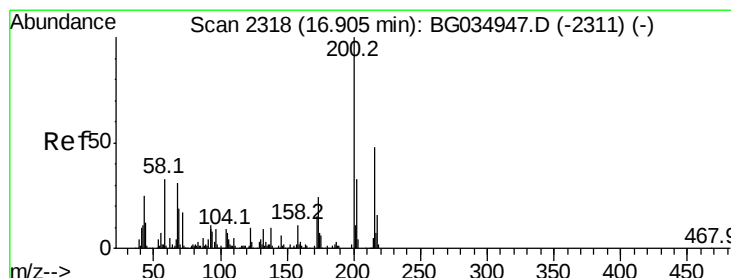
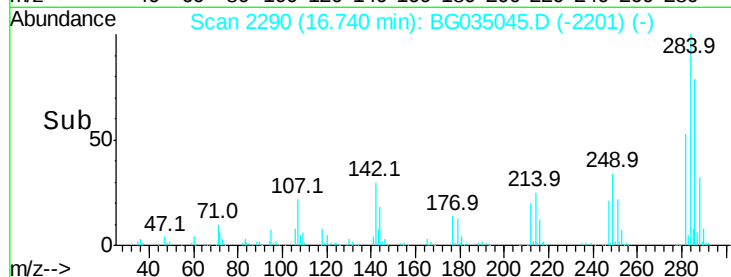
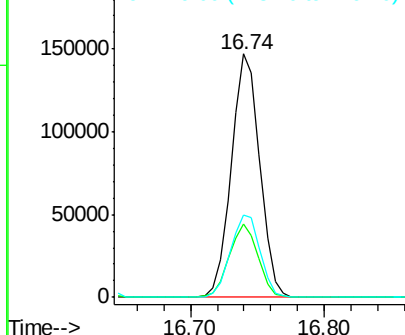
#67
Hexachlorobenzene
Concen: 41.635 ng
RT: 16.74 min Scan# 2290
Delta R.T. -0.01 min
Lab File: BG035045.D
Acq: 12 Jun 2018 00:03

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	30.1	26.8	40.2
249	33.7	26.3	39.5

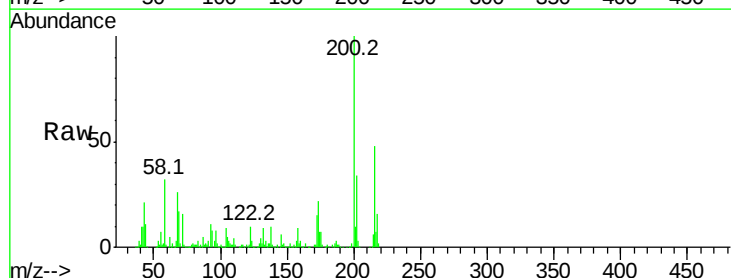


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

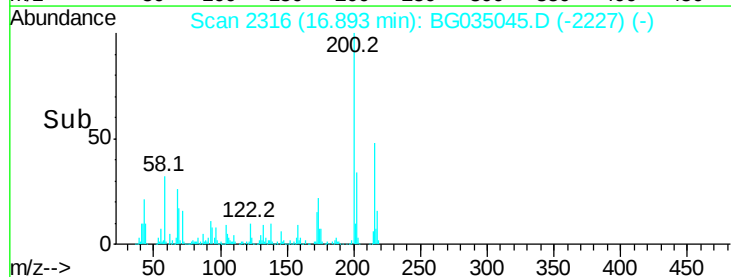
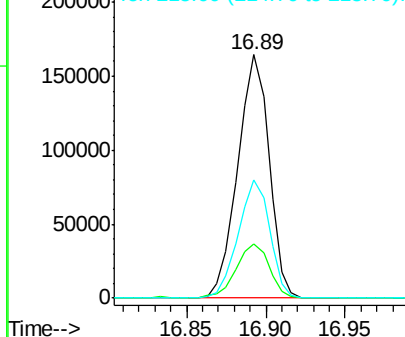


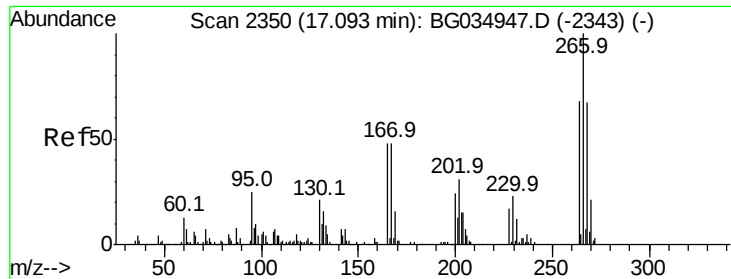
#68
Atrazine
Concen: 41.426 ng
RT: 16.89 min Scan# 2316
Delta R.T. -0.01 min
Lab File: BG035045.D
Acq: 12 Jun 2018 00:03

Tgt Ion	Ratio	Lower	Upper
200	100		
173	22.4	5.2	45.2
215	48.4	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: 73.543 ng

RT: 17.08 min Scan# 2348

Delta R.T. -0.01 min

Lab File: BG035045.D

Acq: 12 Jun 2018 00:03

Instrument :

BNA_M

ClientSampleId :

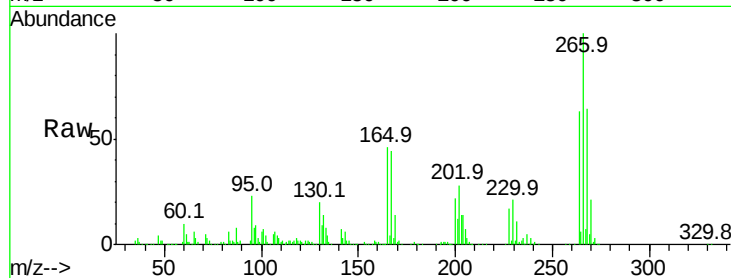
Tot Ion:266 Resp: 258594

Ion Ratio Lower Upper

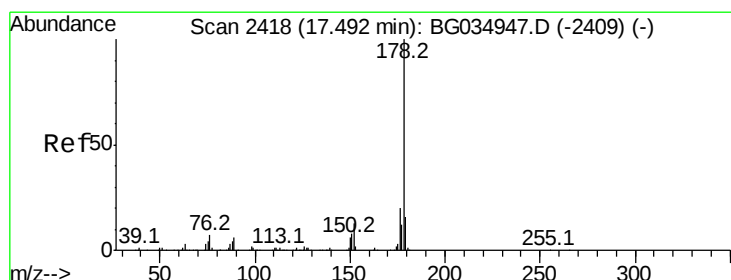
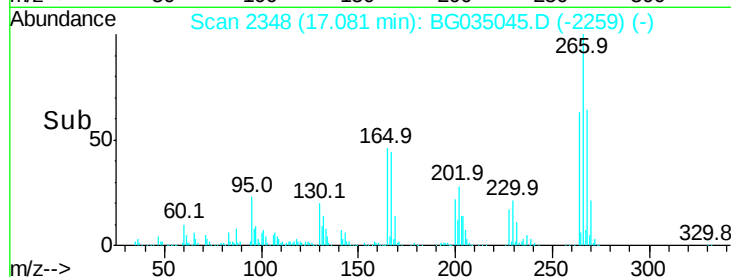
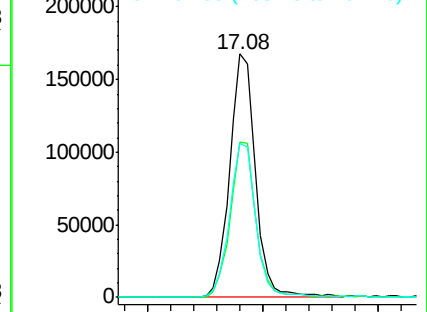
266 100

268 63.5 51.1 76.7

264 63.0 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: 40.614 ng

RT: 17.48 min Scan# 2416

Delta R.T. -0.01 min

Lab File: BG035045.D

Acq: 12 Jun 2018 00:03

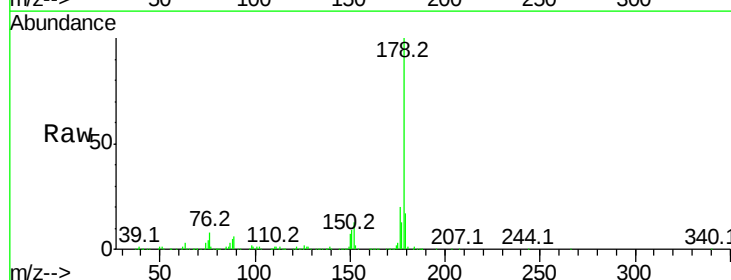
Tgt Ion:178 Resp: 880162

Ion Ratio Lower Upper

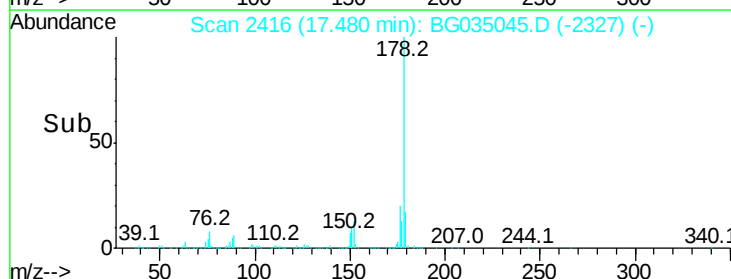
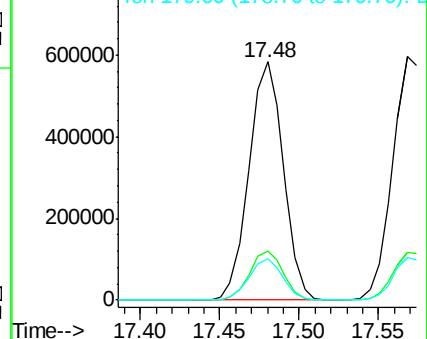
178 100

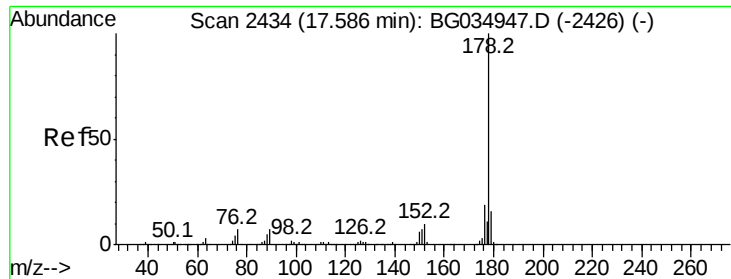
176 20.4 15.7 23.5

179 17.5 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

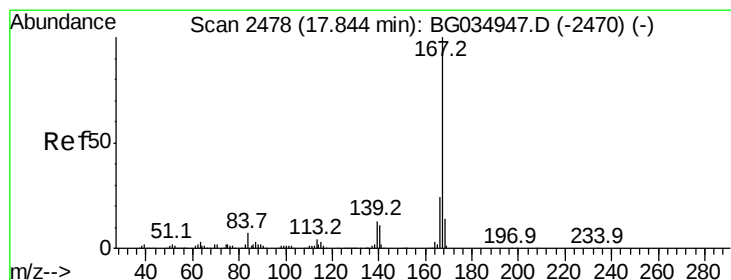
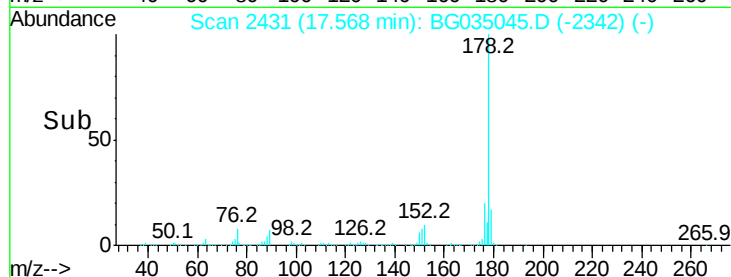
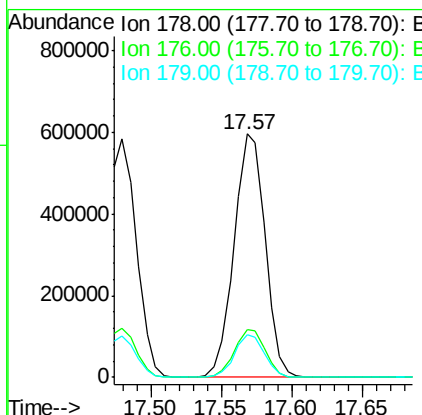
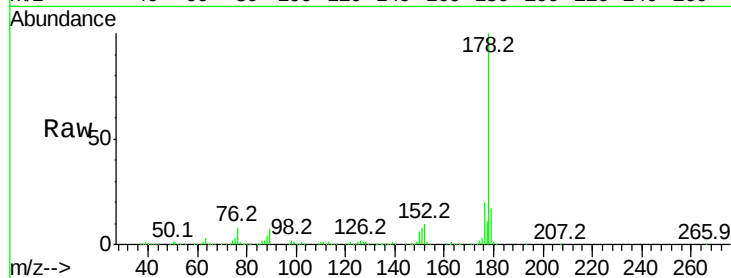




#71
 Anthracene
 Concen: 42.064 ng
 RT: 17.57 min Scan# 2431
 Delta R.T. -0.01 min
 Lab File: BG035045.D
 Acq: 12 Jun 2018 00:03

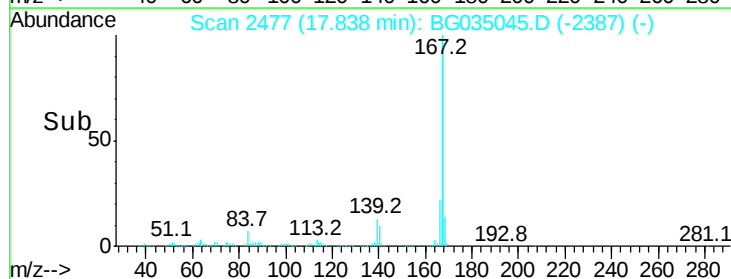
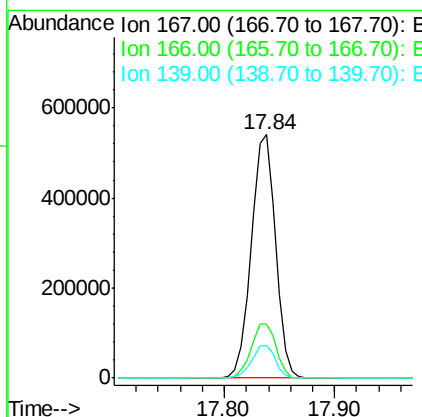
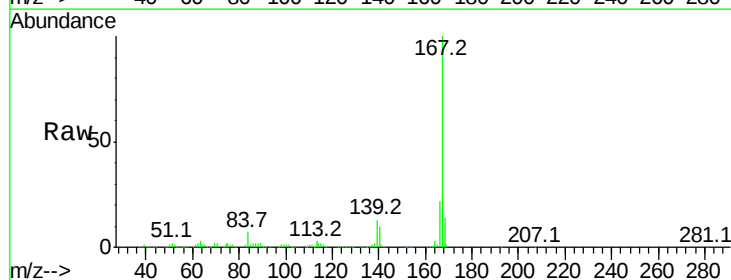
Instrument :
 BNA_M
 ClientSampleId :

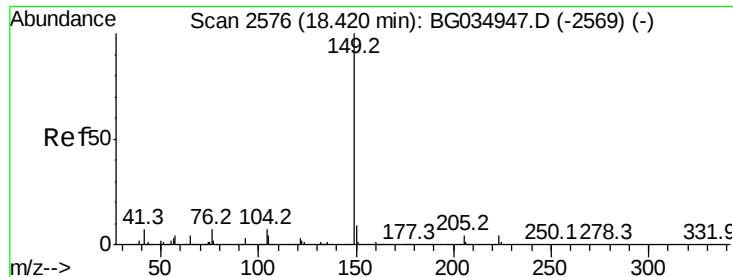
Tot Ion:178 Resp: 913122
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.0 24.0
 179 17.4 12.5 18.7



#72
 Carbazole
 Concen: 41.447 ng
 RT: 17.84 min Scan# 2477
 Delta R.T. -0.00 min
 Lab File: BG035045.D
 Acq: 12 Jun 2018 00:03

Tgt Ion:167 Resp: 834803
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.2 27.4
 139 13.1 9.4 14.2





#73

Di-n-butylphthalate

Concen: 39.951 ng

RT: 18.40 min Scan# 2572

Delta R.T. -0.01 min

Lab File: BG035045.D

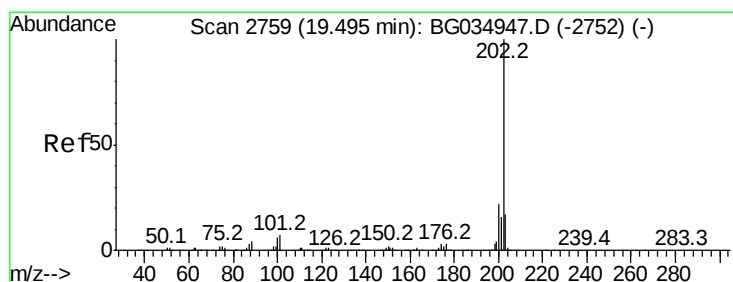
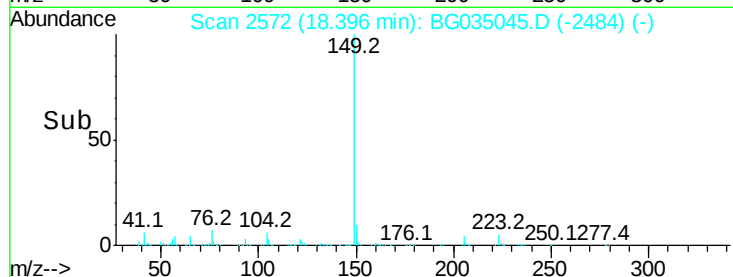
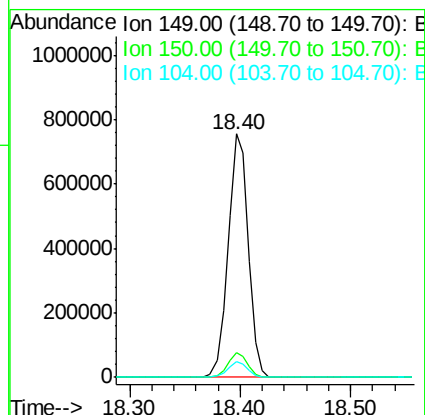
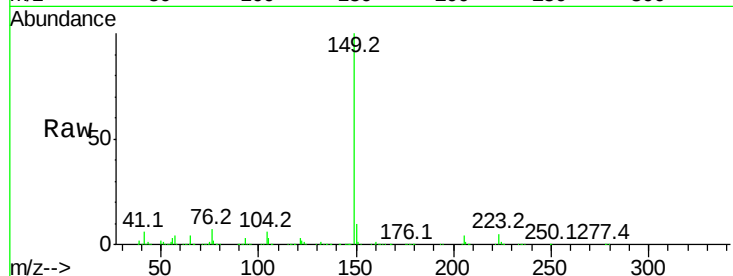
Acq: 12 Jun 2018 00:03

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	149	Resp:	959086
Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.8	11.6
104	6.4	3.9	5.9#



#74

Fluoranthene

Concen: 41.154 ng

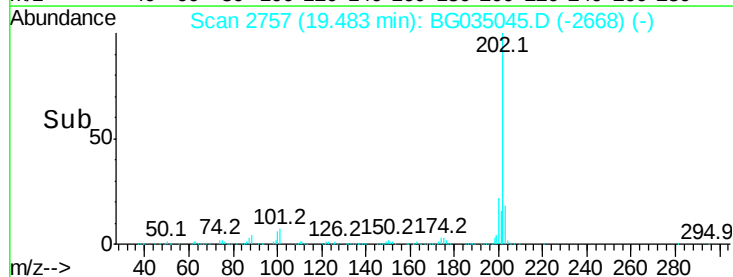
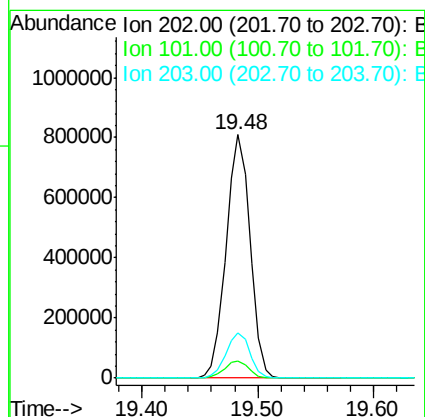
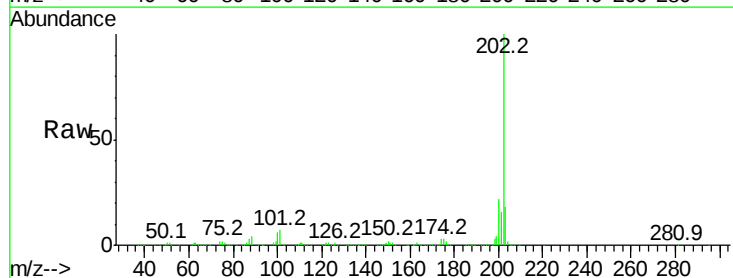
RT: 19.48 min Scan# 2757

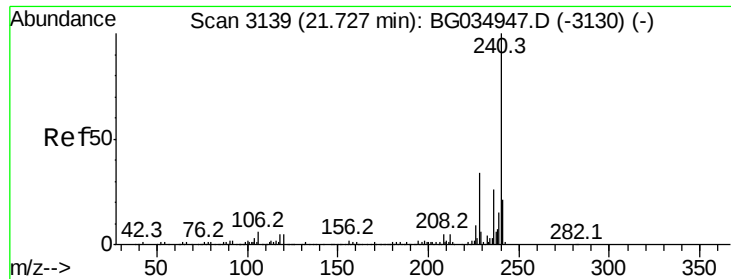
Delta R.T. -0.01 min

Lab File: BG035045.D

Acq: 12 Jun 2018 00:03

Tgt Ion:	202	Resp:	1160544
Ion	Ratio	Lower	Upper
202	100		
101	6.9	0.0	28.9
203	18.4	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.71 min Scan# 3136

Delta R.T. -0.01 min

Lab File: BG035045.D

Acq: 12 Jun 2018 00:03

Instrument :

BNA_M

ClientSampleId :

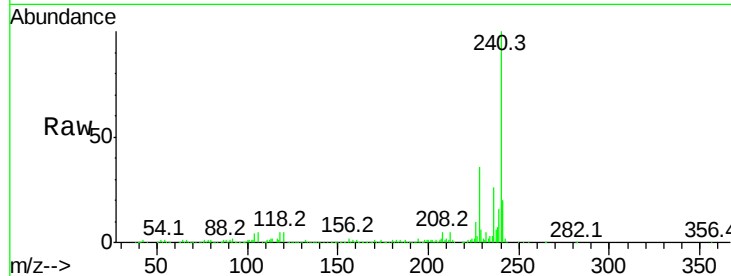
Tot Ion:240 Resp: 437491

Ion Ratio Lower Upper

240 100

120 5.3 6.8 10.2#

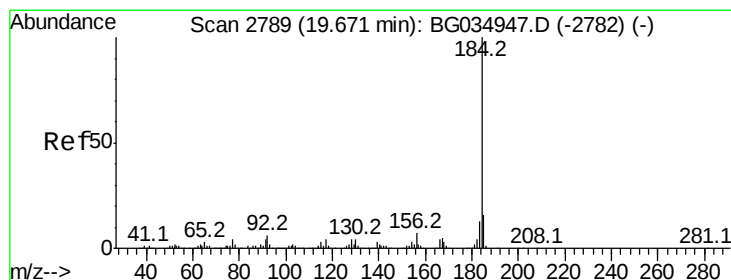
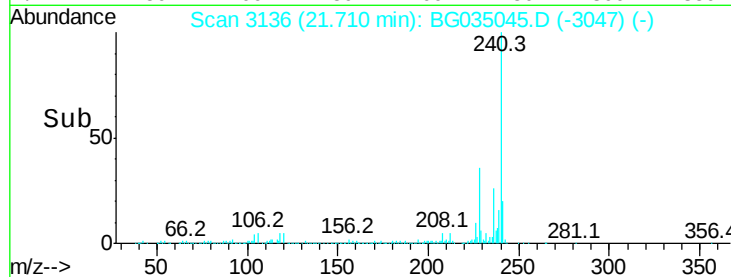
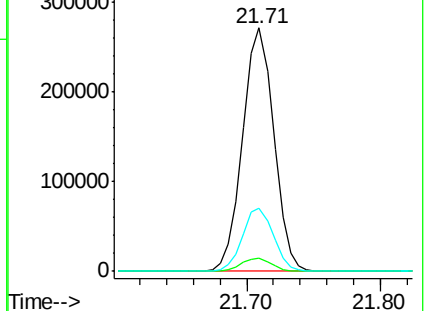
236 25.8 20.9 31.3



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: 25.546 ng

RT: 19.66 min Scan# 2787

Delta R.T. -0.01 min

Lab File: BG035045.D

Acq: 12 Jun 2018 00:03

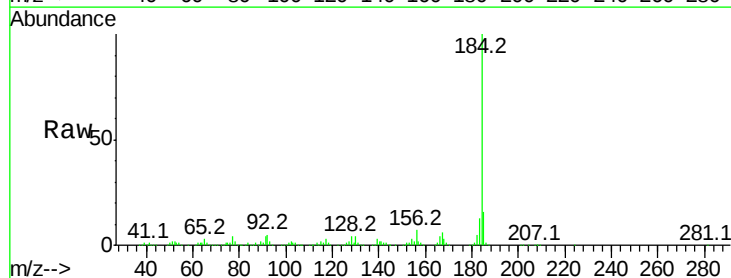
Tgt Ion:184 Resp: 415796

Ion Ratio Lower Upper

184 100

185 16.4 11.1 16.7

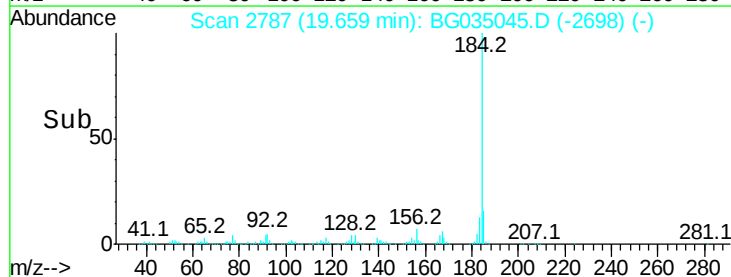
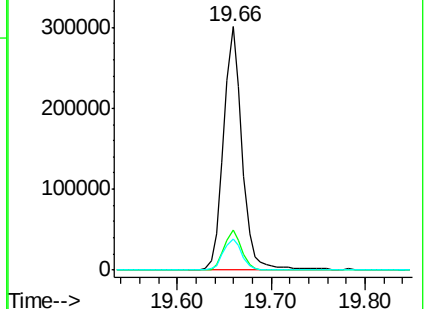
183 12.9 10.6 16.0

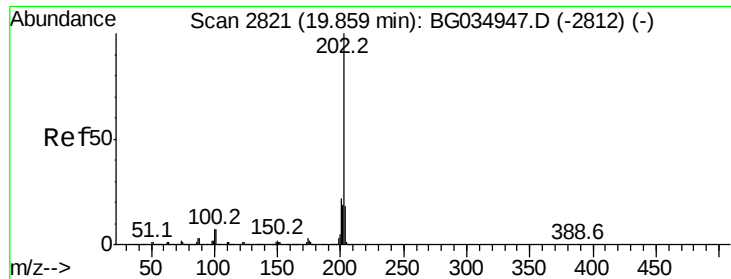


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 40.023 ng

RT: 19.84 min Scan# 2818

Delta R.T. -0.01 min

Lab File: BG035045.D

Acq: 12 Jun 2018 00:03

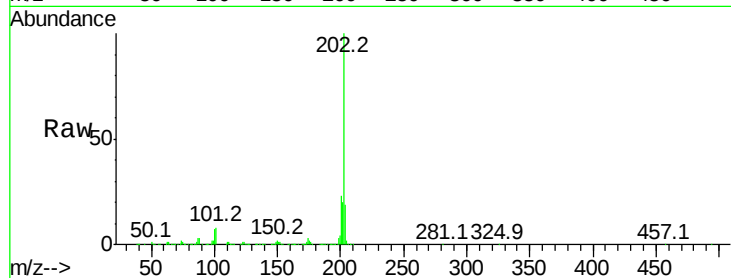
Instrument :

BNA_M

ClientSampleId :

Tot Ion:202 Resp: 1154322

Ion	Ratio	Lower	Upper
202	100		
200	22.9	16.9	25.3
203	18.6	13.9	20.9

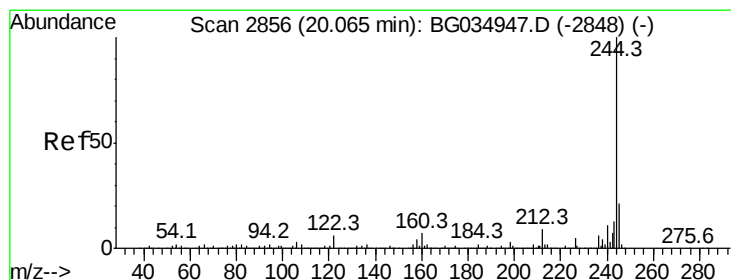
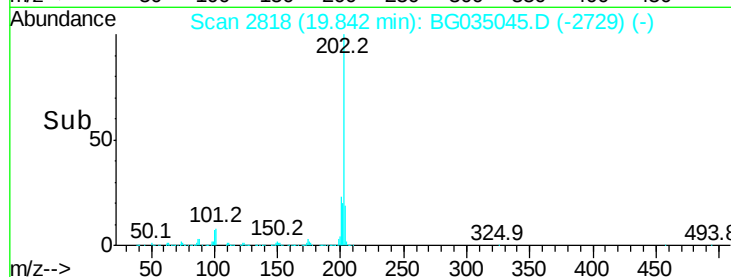
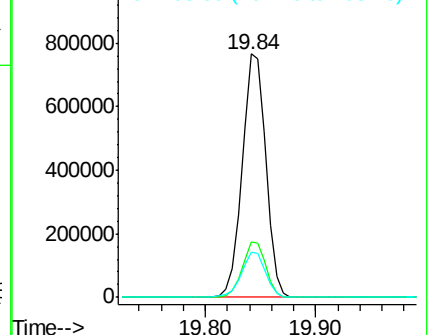


Abundance

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: 85.877 ng

RT: 20.05 min Scan# 2853

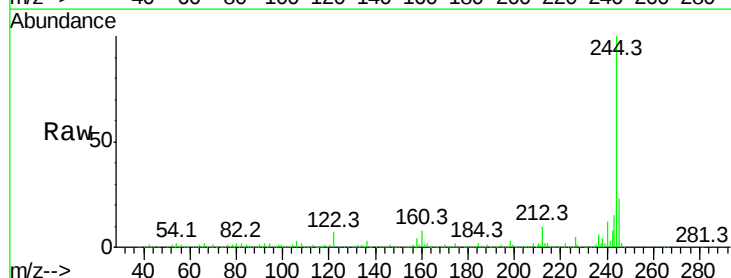
Delta R.T. -0.00 min

Lab File: BG035045.D

Acq: 12 Jun 2018 00:03

Tgt Ion:244 Resp: 1793614

Ion	Ratio	Lower	Upper
244	100		
212	9.6	5.8	8.8#
122	7.1	7.0	10.4

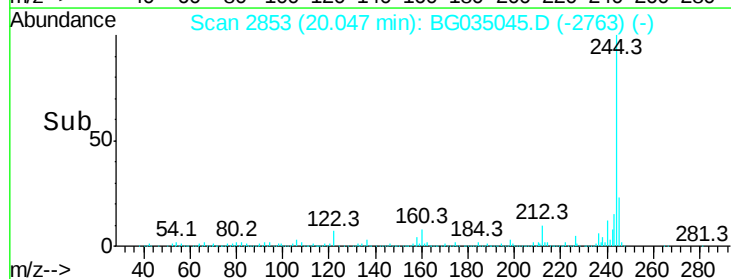
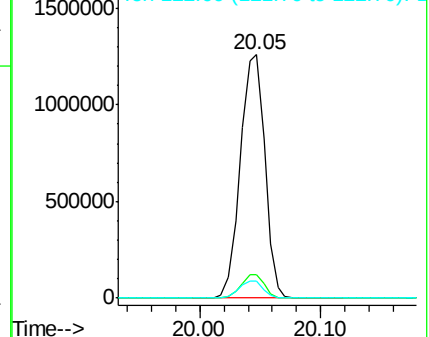


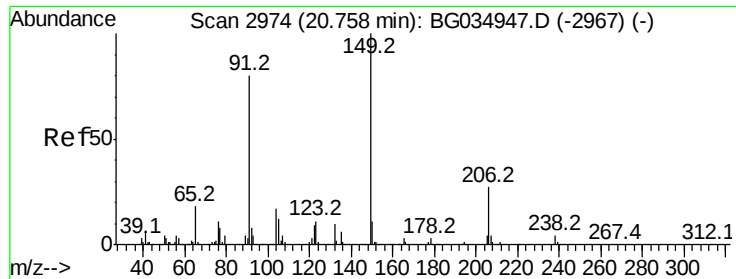
Abundance

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: 42.669 ng

RT: 20.73 min Scan# 2970

Delta R.T. -0.01 min

Lab File: BG035045.D

Acq: 12 Jun 2018 00:03

Instrument :

BNA_M

ClientSampled :

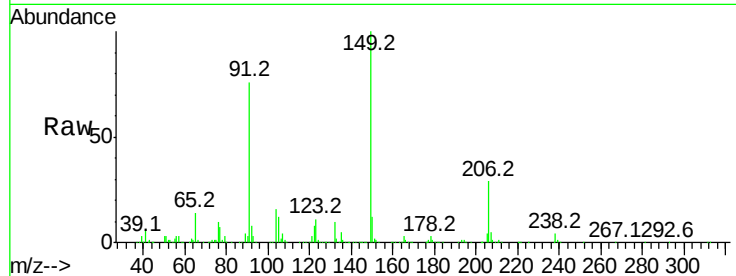
Tot Ion:149 Resp: 446864

Ion Ratio Lower Upper

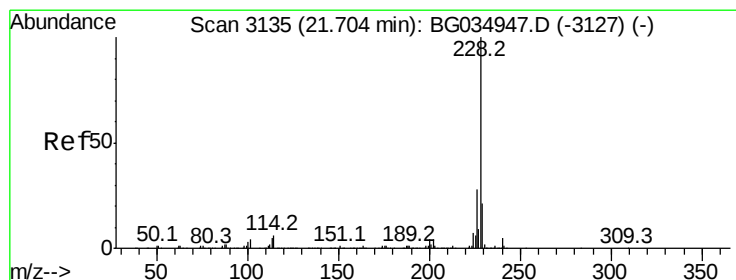
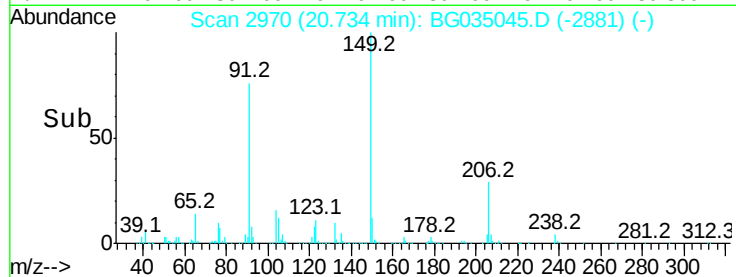
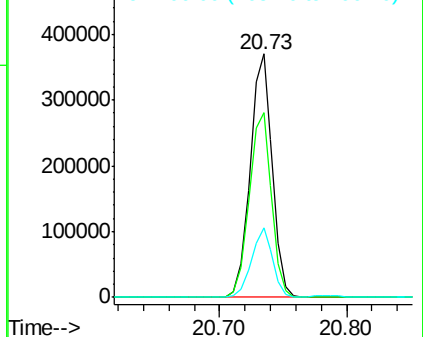
149 100

91 76.0 62.2 93.2

206 28.8 18.6 27.8#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 42.406 ng

RT: 21.69 min Scan# 3132

Delta R.T. -0.01 min

Lab File: BG035045.D

Acq: 12 Jun 2018 00:03

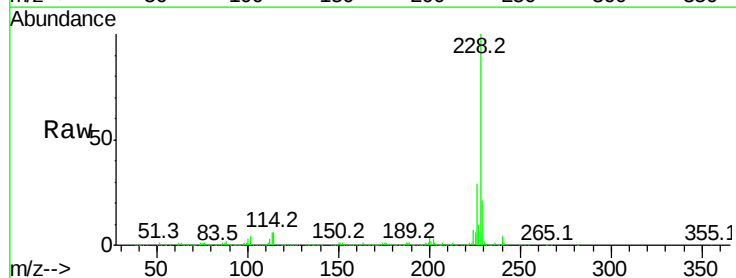
Tgt Ion:228 Resp: 1185536

Ion Ratio Lower Upper

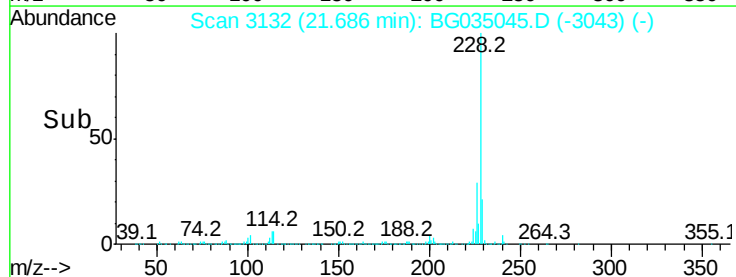
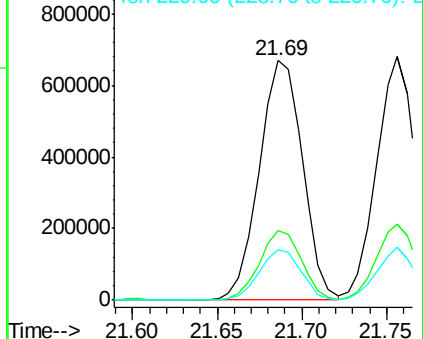
228 100

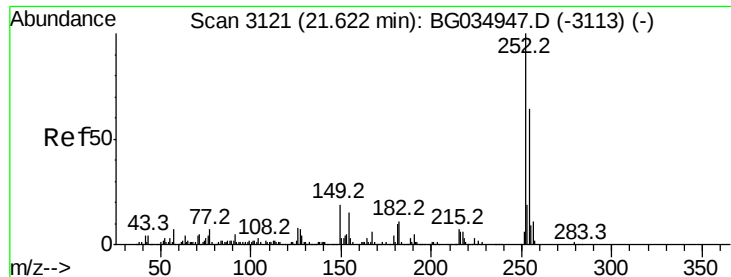
226 29.3 22.7 34.1

229 21.2 16.2 24.2



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

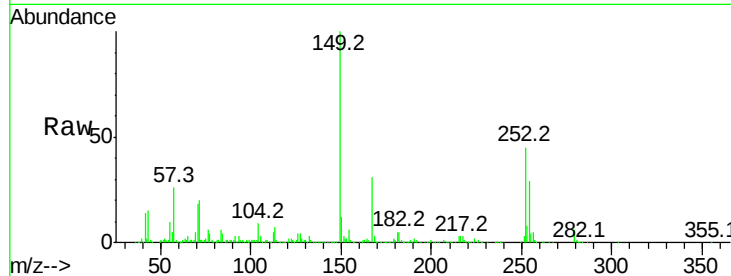




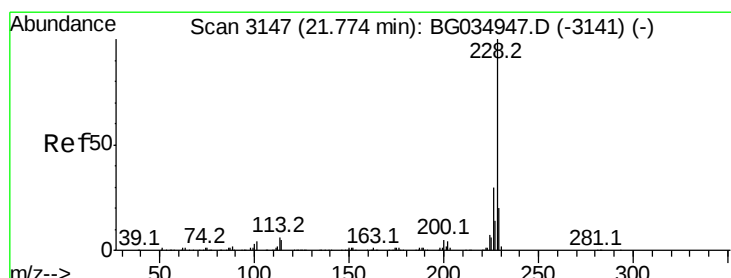
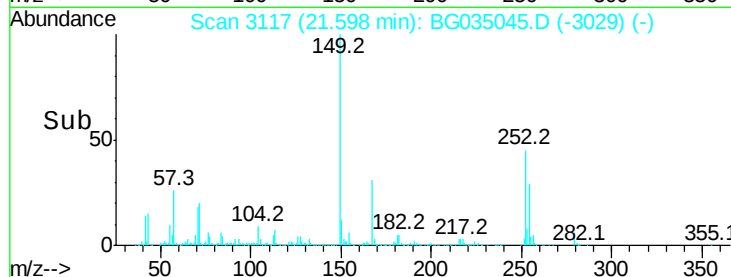
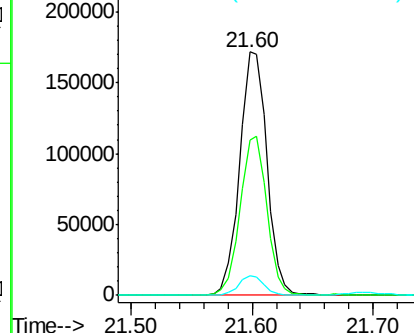
#81
 3,3'-Dichlorobenzidine
 Concen: 25.866 ng
 RT: 21.60 min Scan# 3117
 Delta R.T. -0.01 min
 Lab File: BG035045.D
 Acq: 12 Jun 2018 00:03

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:252 Resp: 272061
 Ion Ratio Lower Upper
 252 100
 254 64.0 50.8 76.2
 126 8.0 7.4 11.2

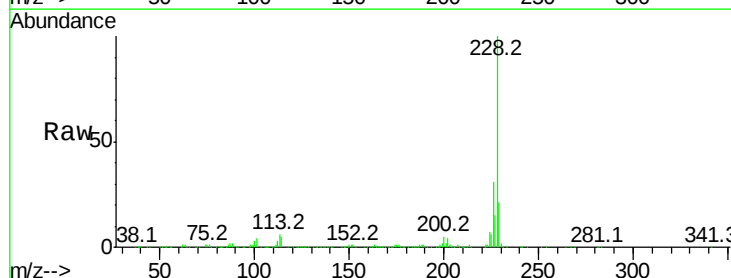


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

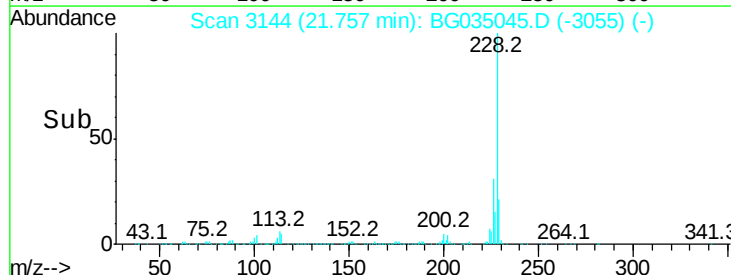
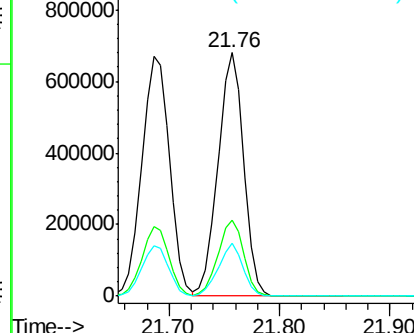


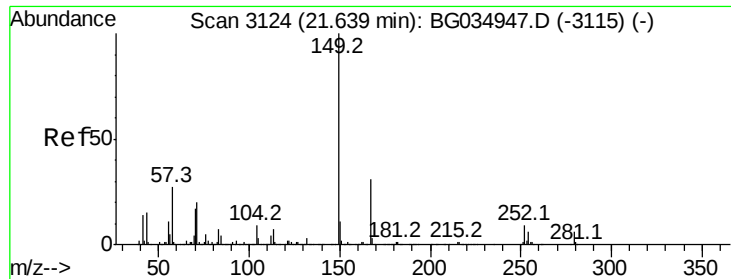
#82
 Chrysene
 Concen: 42.506 ng
 RT: 21.76 min Scan# 3144
 Delta R.T. -0.01 min
 Lab File: BG035045.D
 Acq: 12 Jun 2018 00:03

Tgt Ion:228 Resp: 1088013
 Ion Ratio Lower Upper
 228 100
 226 31.0 24.9 37.3
 229 21.5 15.0 22.4



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

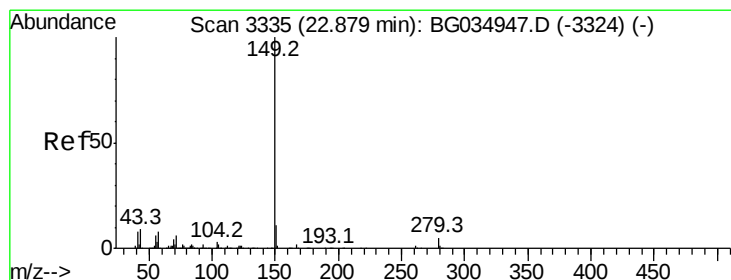
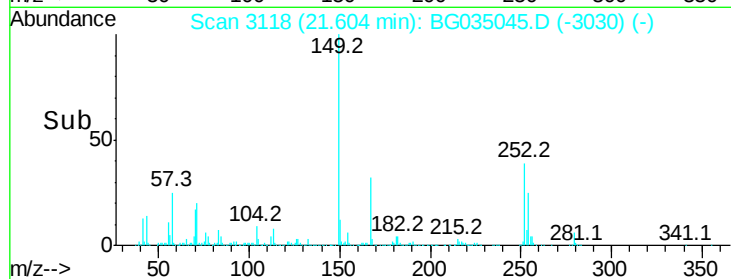
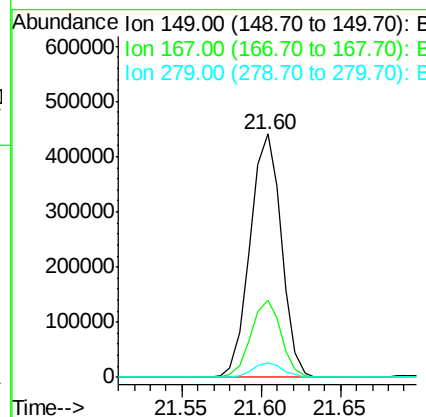
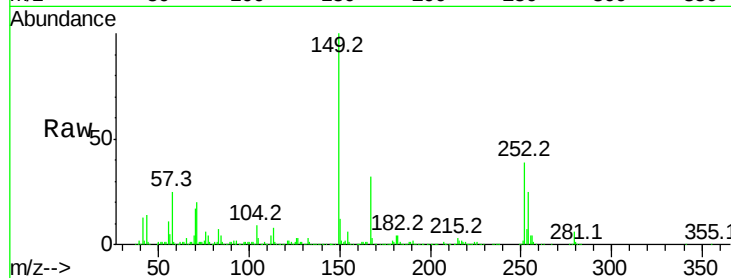




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.856 ng
 RT: 21.60 min Scan# 3118
 Delta R.T. -0.01 min
 Lab File: BG035045.D
 Acq: 12 Jun 2018 00:03

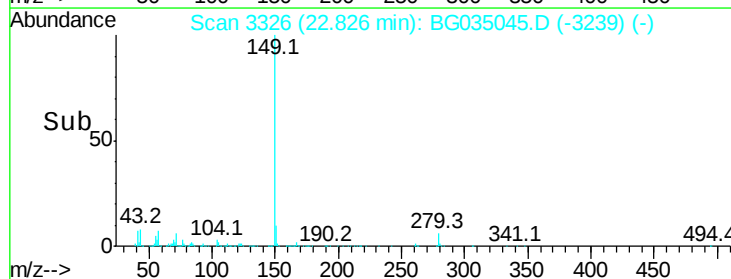
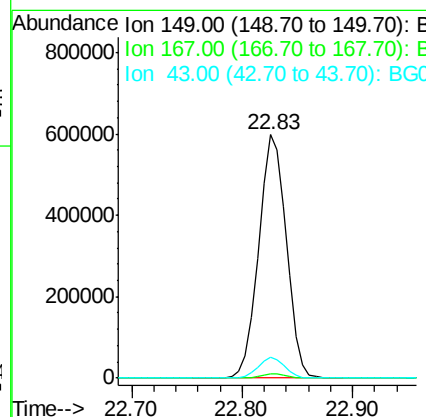
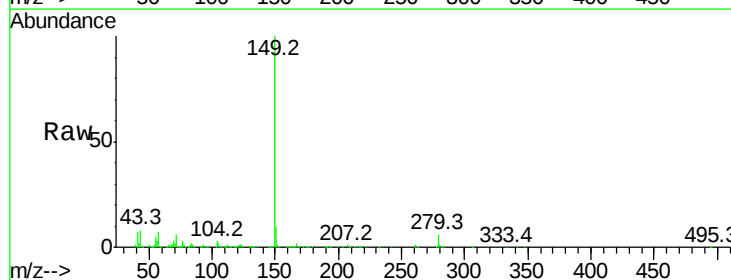
Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:149 Resp: 604598
 Ion Ratio Lower Upper
 149 100
 167 31.9 24.3 36.5
 279 5.9 4.0 6.0



#84
 Di-n-octyl phthalate
 Concen: 41.420 ng
 RT: 22.83 min Scan# 3326
 Delta R.T. -0.02 min
 Lab File: BG035045.D
 Acq: 12 Jun 2018 00:03

Tgt Ion:149 Resp: 1051561
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.4 2.0
 43 8.3 8.9 13.3#

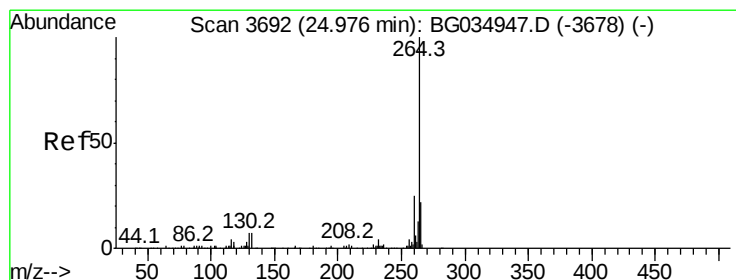
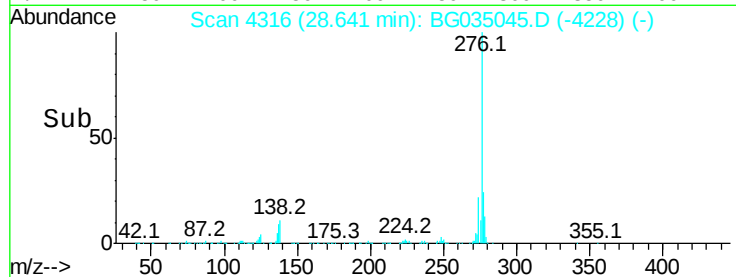
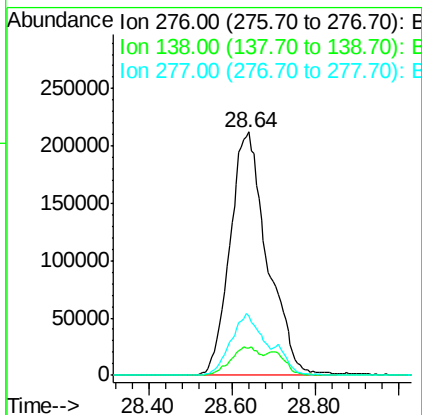
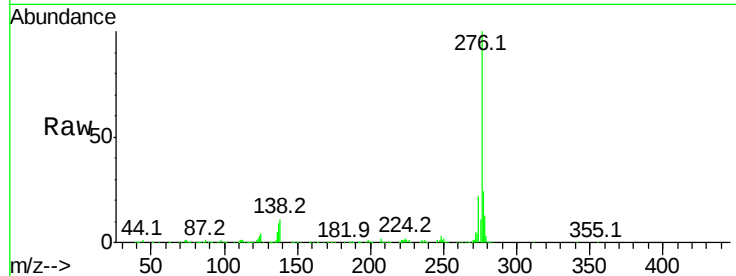




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.036 ng
 RT: 28.64 min Scan# 4316
 Delta R.T. -0.01 min
 Lab File: BG035045.D
 Acq: 12 Jun 2018 00:03

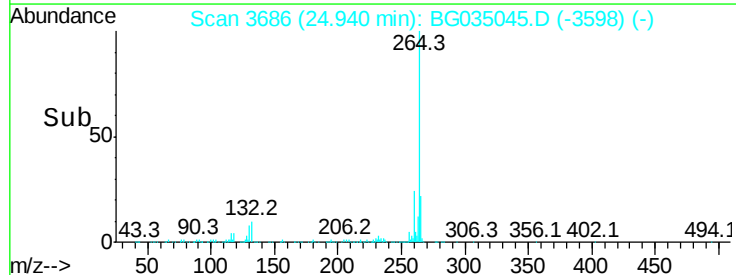
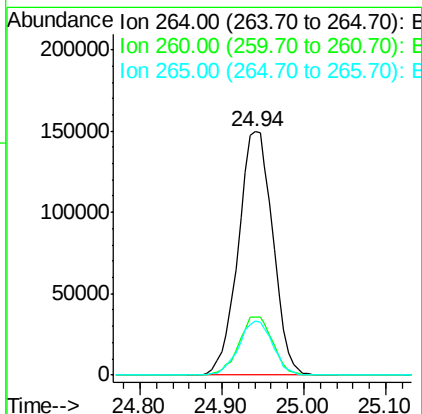
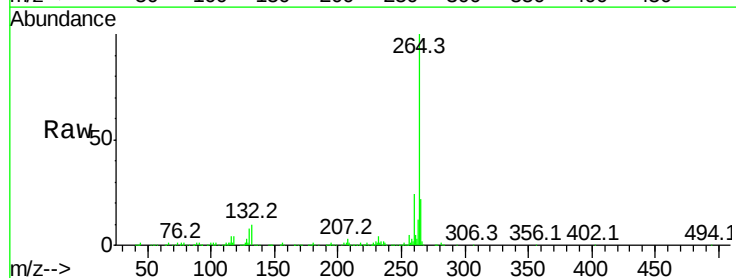
Instrument :
 BNA_M
 ClientSampleId :

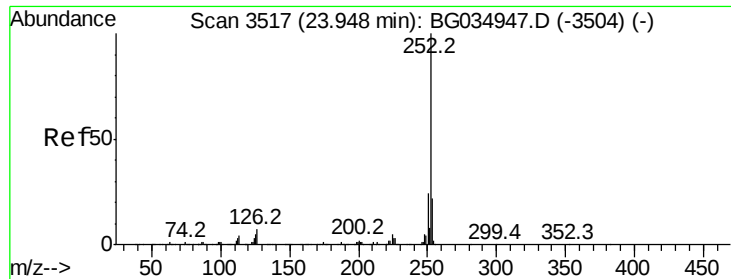
Tot Ion:276 Resp: 1320151
 Ion Ratio Lower Upper
 276 100
 138 9.2 16.0 24.0#
 277 20.9 20.0 30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.94 min Scan# 3686
 Delta R.T. -0.01 min
 Lab File: BG035045.D
 Acq: 12 Jun 2018 00:03

Tgt Ion:264 Resp: 439361
 Ion Ratio Lower Upper
 264 100
 260 24.1 17.4 26.0
 265 22.0 17.7 26.5





#87

Benzo(b)fluoranthene

Concen: 43.316 ng

RT: 23.92 min Scan# 3512

Delta R.T. -0.01 min

Lab File: BG035045.D

Acq: 12 Jun 2018 00:03

Instrument :

BNA_M

ClientSampleId :

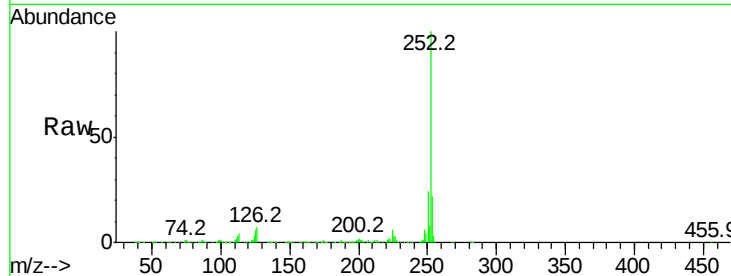
Tot Ion:252 Resp: 1171985

Ion Ratio Lower Upper

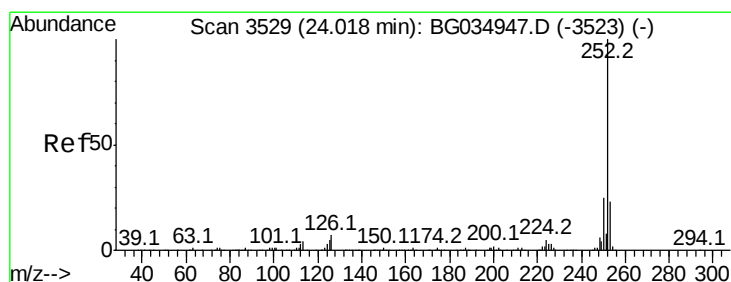
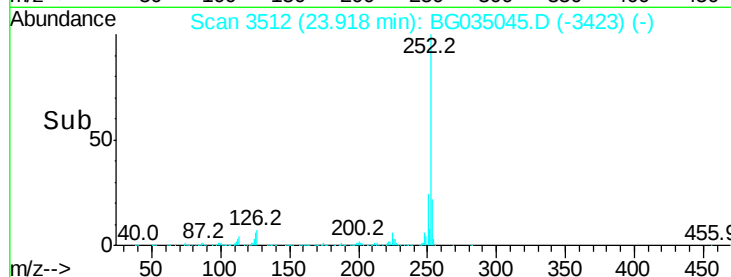
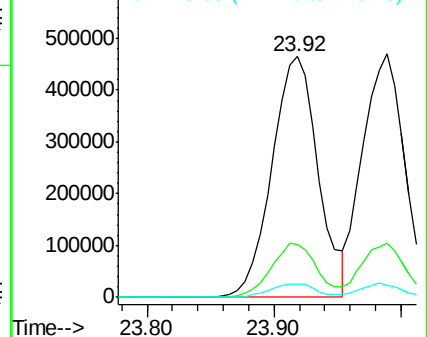
252 100

253 21.9 18.2 27.4

125 5.5 7.2 10.8#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 40.608 ng

RT: 23.99 min Scan# 3524

Delta R.T. -0.01 min

Lab File: BG035045.D

Acq: 12 Jun 2018 00:03

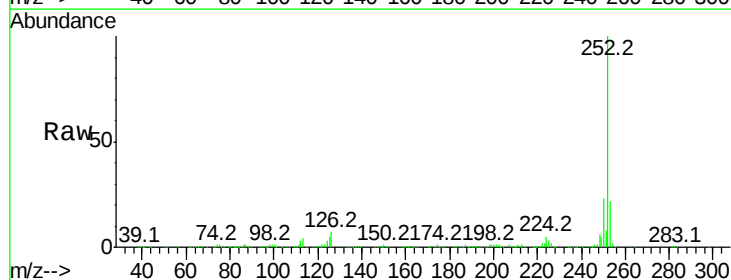
Tgt Ion:252 Resp: 1074790

Ion Ratio Lower Upper

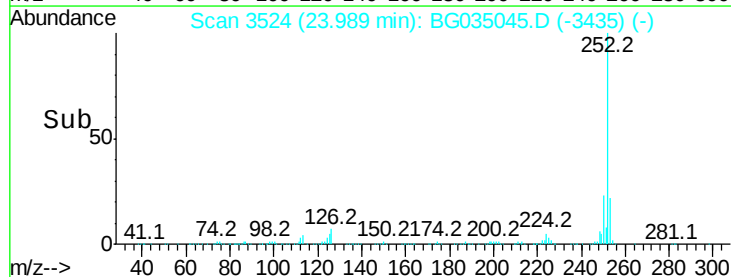
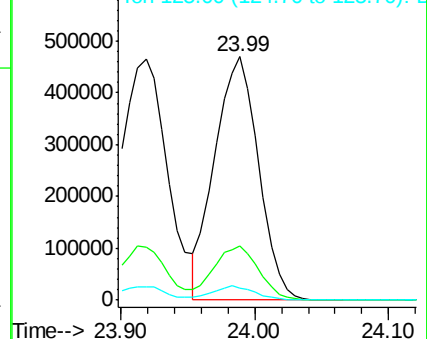
252 100

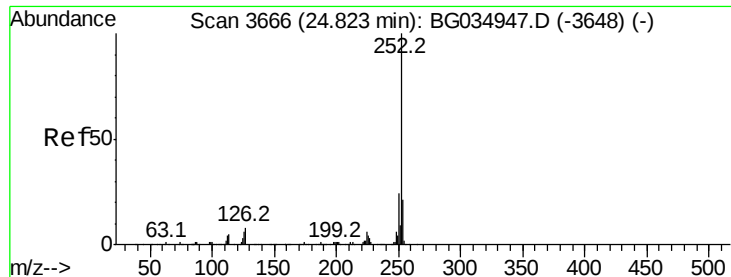
253 22.1 17.4 26.2

125 4.9 6.6 9.8#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

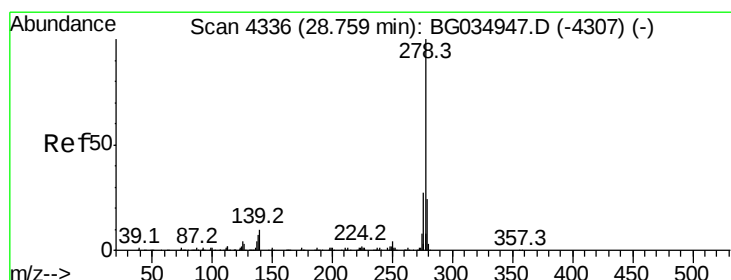
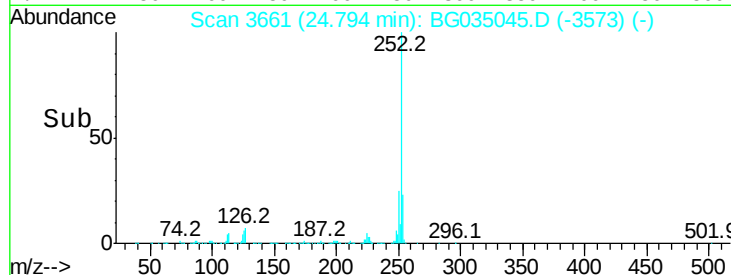
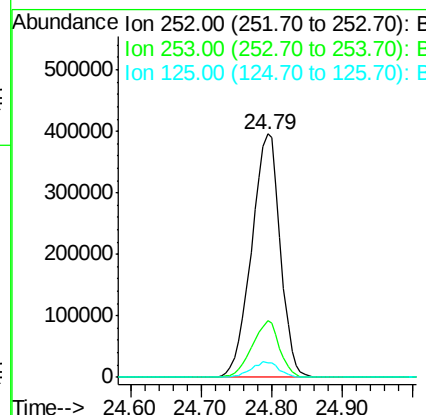
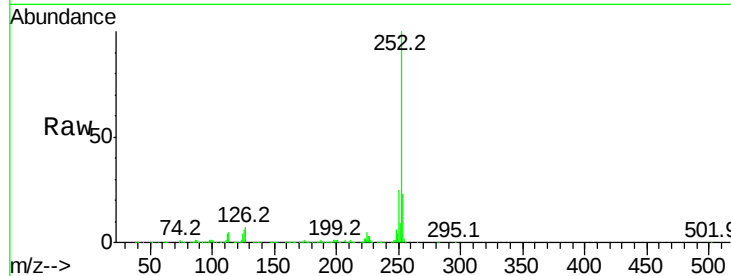




#89
Benzo(a)pyrene
Concen: 43.972 ng
RT: 24.79 min Scan# 3661
Delta R.T. -0.01 min
Lab File: BG035045.D
Acq: 12 Jun 2018 00:03

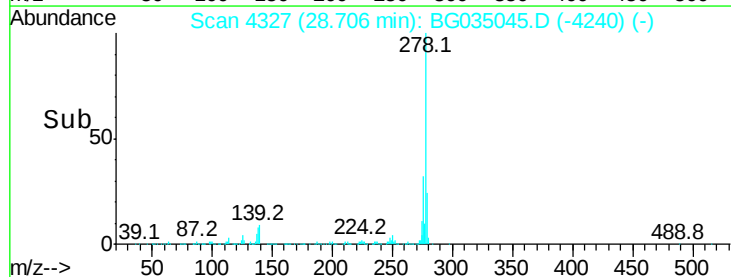
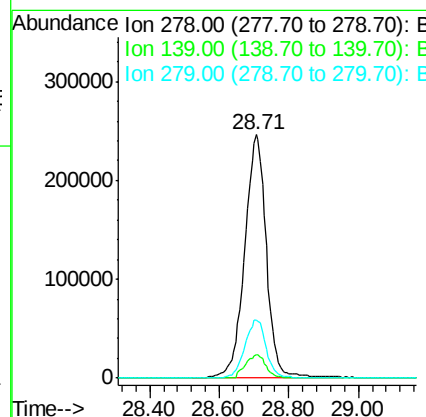
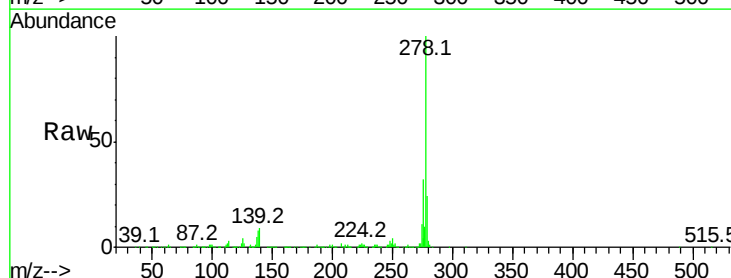
Instrument :
BNA_M
ClientSampleId :

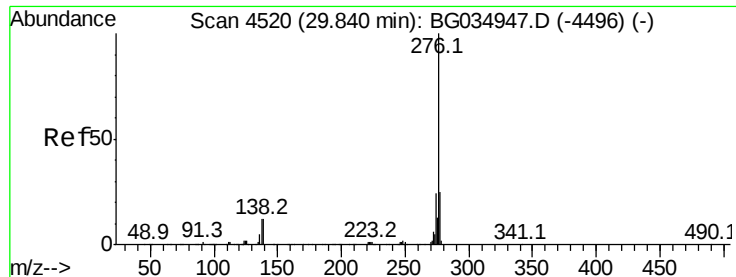
Tot Ion:252 Resp: 1119523
Ion Ratio Lower Upper
252 100
253 23.1 18.3 27.5
125 5.8 7.3 10.9#



#90
Dibenzo(a,h)anthracene
Concen: 42.473 ng
RT: 28.71 min Scan# 4327
Delta R.T. -0.02 min
Lab File: BG035045.D
Acq: 12 Jun 2018 00:03

Tgt Ion:278 Resp: 1067490
Ion Ratio Lower Upper
278 100
139 9.4 9.8 14.6#
279 23.7 18.4 27.6





#91
 Benzo(a,h,i)perylene
 Concen: 43.775 ng
 RT: 29.79 min Scan# 4512
 Delta R.T. -0.01 min
 Lab File: BG035045.D
 Acq: 12 Jun 2018 00:03

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:276 Resp: 1076711
 Ion Ratio Lower Upper
 276 100
 277 24.5 18.3 27.5
 138 11.2 13.9 20.9#

