

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122116\
 Data File : BG025359.D
 Acq On : 21 Dec 2016 16:00
 Operator : UM/SJ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 21 17:28:51 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 17:23:04 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	54621	20.00	ng	0.00
21) Naphthalene-d8	11.04	136	234840	20.00	ng	0.00
38) Acenaphthene-d10	14.84	164	194021	20.00	ng	0.00
63) Phenanthrene-d10	17.58	188	451871	20.00	ng	0.00
75) Chrysene-d12	21.88	240	591954	20.00	ng	0.00
86) Perylene-d12	25.29	264	630437	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.75	112	318944	95.70	ng	0.00
7) Phenol-d6	7.37	99	453076	99.11	ng	0.00
23) Nitrobenzene-d5	9.40	82	541718	105.03	ng	0.00
41) 2,4,6-Tribromophenol	16.33	330	307439	106.07	ng	0.00
44) 2-Fluorobiphenyl	13.46	172	1144320	98.03	ng	0.00
78) Terphenyl-d14	20.16	244	2152358	108.65	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.59	88	65175	47.87	ng	92
3) Pyridine	4.01	79	201824	49.51	ng	97
4) n-Nitrosodimethylamine	3.92	42	117120	55.50	ng	99
6) Aniline	7.54	93	305905	52.82	ng	94
8) 2-Chlorophenol	7.78	128	174237	51.42	ng	96
9) Benzaldehyde	7.35	77	142051	50.28	ng	99
10) Phenol	7.40	94	246270	52.26	ng	95
11) bis(2-Chloroethyl)ether	7.63	93	180215	50.91	ng	90
12) 1,3-Dichlorobenzene	8.10	146	211122	50.33	ng	98
13) 1,4-Dichlorobenzene	8.25	146	214046	51.66	ng	90
14) 1,2-Dichlorobenzene	8.57	146	213618	53.63	ng	92
15) Benzyl Alcohol	8.45	79	221576	52.10	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.73	45	347443	52.90	ng	98
17) 2-Methylphenol	8.66	107	164135	52.57	ng	97
18) Hexachloroethane	9.29	117	85097	53.43	ng	93
19) n-Nitroso-di-n-propylamine	9.02	70	183340	54.42	ng	97
20) 3+4-Methylphenols	8.99	107	220997	52.71	ng	98
22) Acetophenone	9.05	105	322361	53.44	ng	# 94
24) Nitrobenzene	9.44	77	289990	50.54	ng	99
25) Isophorone	9.96	82	482818	50.32	ng	98
26) 2-Nitrophenol	10.16	139	113079	53.09	ng	97
27) 2,4-Dimethylphenol	10.20	122	189642	50.86	ng	100
28) bis(2-Chloroethoxy)methane	10.43	93	249278	50.22	ng	96
29) 2,4-Dichlorophenol	10.69	162	200575	51.25	ng	95
30) 1,2,4-Trichlorobenzene	10.90	180	231406	49.85	ng	99
31) Naphthalene	11.09	128	587736	50.17	ng	95
32) Benzoic acid	10.35	122	161995	52.17	ng	92
33) 4-Chloroaniline	11.21	127	257392	50.61	ng	93
34) Hexachlorobutadiene	11.35	225	186890	51.44	ng	95
35) Caprolactam	12.00	113	74082	51.71	ng	93
36) 4-Chloro-3-methylphenol	12.32	107	244170	51.68	ng	94
37) 2-Methylnaphthalene	12.68	142	448261	52.44	ng	93
39) 1,2,4,5-Tetrachlorobenzene	13.04	216	311822	47.65	ng	98
40) Hexachlorocyclopentadiene	13.00	237	99724	27.06	ng	98

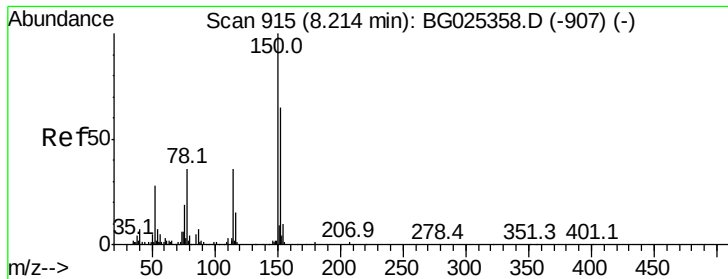
Data Path : Z:\HPCHEM1\BNA G\DATA\BG122116\
 Data File : BG025359.D
 Acq On : 21 Dec 2016 16:00
 Operator : UM/SJ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

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Quant Time: Dec 21 17:28:51 2016
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 17:23:04 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.28	196	193521	49.20	nq	99
43) 2,4,5-Trichlorophenol	13.37	196	201518	47.39	nq	94
45) 1,1'-Biphenyl	13.67	154	625120	46.43	nq	97
46) 2-Chloronaphthalene	13.73	162	493263	48.11	nq	98
47) 2-Nitroaniline	13.94	65	220415	52.51	nq	95
48) Acenaphthylene	14.57	152	775678	49.34	nq	96
49) Dimethylphthalate	14.28	163	688633	49.99	nq	99
50) 2,6-Dinitrotoluene	14.42	165	152511	51.87	nq	91
51) Acenaphthene	14.91	154	502420	42.87	nq	99
52) 3-Nitroaniline	14.76	138	147127	48.35	nq	99
53) 2,4-Dinitrophenol	14.98	184	99591	46.74	nq	90
54) Dibenzofuran	15.23	168	797022	49.19	nq	95
55) 4-Nitrophenol	15.08	139	114990	43.38	nq	96
56) 2,4-Dinitrotoluene	15.22	165	226660	53.04	nq	# 97
57) Fluorene	15.89	166	661434	49.22	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.47	232	221368	50.21	nq	95
59) Diethylphthalate	15.63	149	712700	49.35	nq	99
60) 4-Chlorophenyl-phenylether	15.86	204	377560	50.08	nq	97
61) 4-Nitroaniline	15.93	138	156048	46.94	nq	95
62) Azobenzene	16.16	77	709387	49.25	nq	99
64) 4,6-Dinitro-2-methylphenol	15.98	198	165771	53.25	nq	91
65) n-Nitrosodiphenylamine	16.09	169	599733	48.55	nq	99
66) 4-Bromophenyl-phenylether	16.76	248	272038	49.59	nq	99
67) Hexachlorobenzene	16.89	284	316419	52.20	nq	# 87
68) Atrazine	17.02	200	252199	47.60	nq	95
69) Pentachlorophenol	17.24	266	173918	43.48	nq	97
70) Phenanthrene	17.63	178	1126695	48.92	nq	95
71) Anthracene	17.72	178	1150087	49.49	nq	99
72) Carbazole	18.00	167	1035426	48.86	nq	98
73) Di-n-butylphthalate	18.51	149	1277600	52.29	nq	98
74) Fluoranthene	19.62	202	1520625	52.23	nq	95
76) Benzidine	19.80	184	727233	52.14	nq	98
77) Pyrene	19.99	202	1541684	53.28	nq	98
79) Butylbenzylphthalate	20.84	149	601844	49.89	nq	97
80) Benzo(a)anthracene	21.86	228	1621262	49.86	nq	96
81) 3,3'-Dichlorobenzidine	21.76	252	632418	48.20	nq	97
82) Chrysene	21.93	228	1553810	50.17	nq	97
83) Bis(2-ethylhexyl)phthalate	21.70	149	840436	48.70	nq	97
84) Di-n-octyl phthalate	22.96	149	1417078	49.48	nq	95
85) Indeno(1,2,3-cd)pyrene	29.24	276	1996182	46.69	nq	99
87) Benzo(b)fluoranthene	24.20	252	1633932	47.95	nq	97
88) Benzo(k)fluoranthene	24.20	252	1633932	49.65	nq	98
89) Benzo(a)pyrene	25.13	252	1619792	48.64	nq	97
90) Dibenzo(a,h)anthracene	29.28	278	1706306	46.69	nq	# 96
91) Benzo(g,h,i)perylene	30.47	276	1703748	46.66	nq	98

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

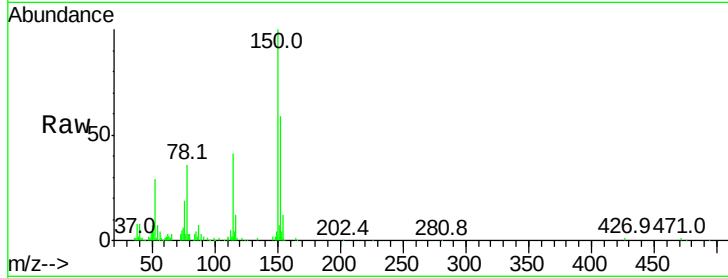


#1

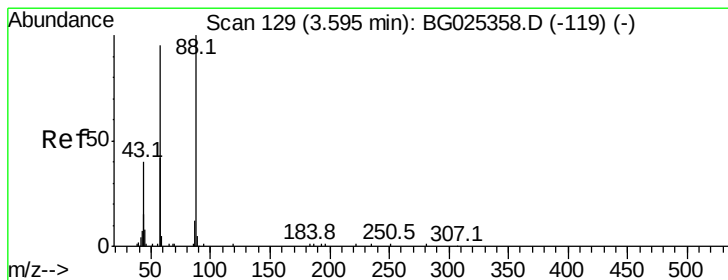
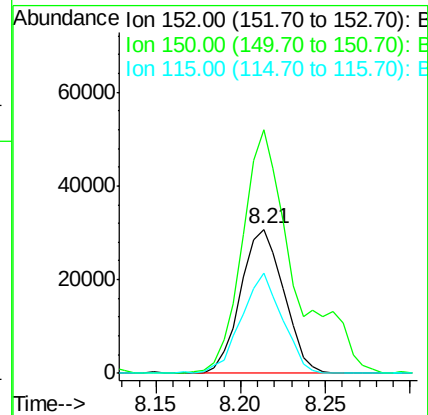
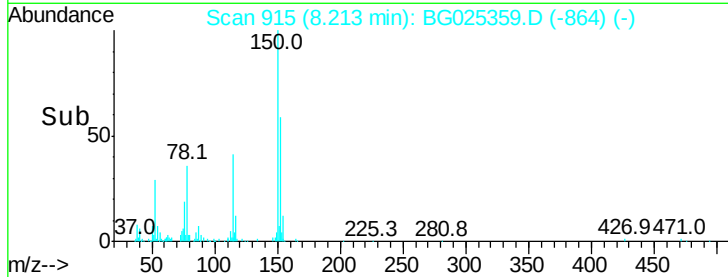
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.21 min Scan# 915
 Delta R.T. -0.00 min
 Lab File: BG025359.D
 Acq: 21 Dec 2016 16:00

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	168.8	114.0	171.0
115	69.3	48.1	72.1



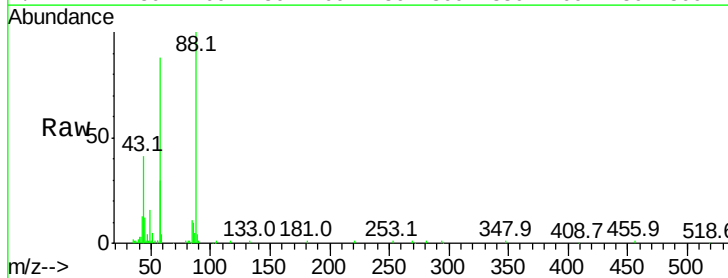
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



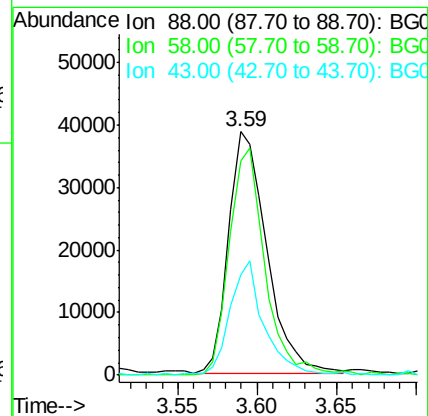
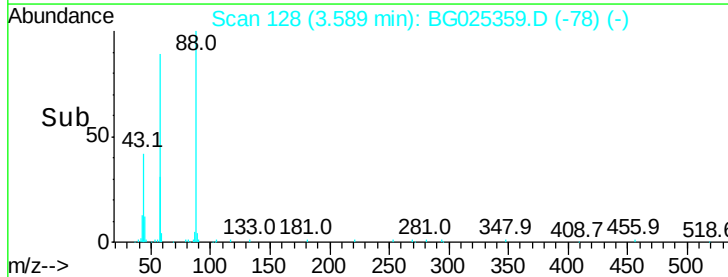
#2

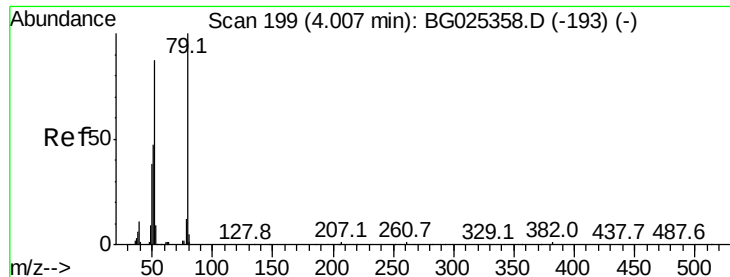
1,4-Dioxane
 Concen: 47.87 ng
 RT: 3.59 min Scan# 128
 Delta R.T. -0.01 min
 Lab File: BG025359.D
 Acq: 21 Dec 2016 16:00

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.6	79.4	119.2
43	42.1	33.8	50.6



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: 49.51 ng

RT: 4.01 min Scan# 199

Delta R.T. -0.00 min

Lab File: BG025359.D

Acq: 21 Dec 2016 16:00

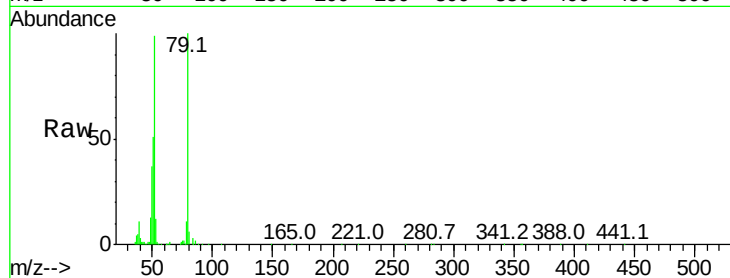
Instrument :

BNA_G

ClientSampled :

Tot Ion: 79 Resp: 201824

Ion	Ratio	Lower	Upper
79	100		
52	99.1	77.8	116.6
51	51.5	43.2	64.8



Abundance

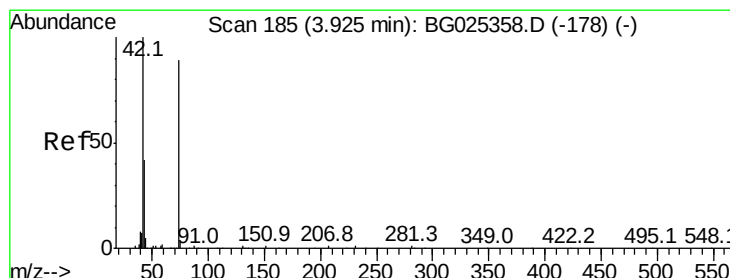
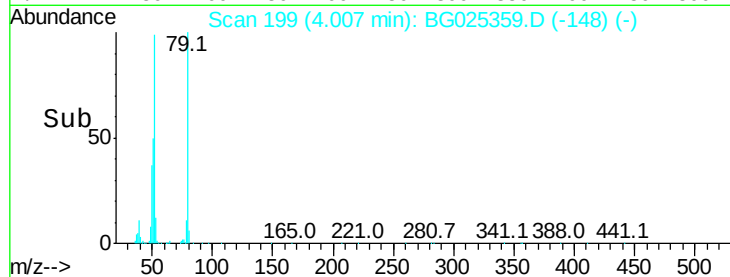
Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

4.01

Time-->



#4

n-Nitrosodimethylamine

Concen: 55.50 ng

RT: 3.92 min Scan# 185

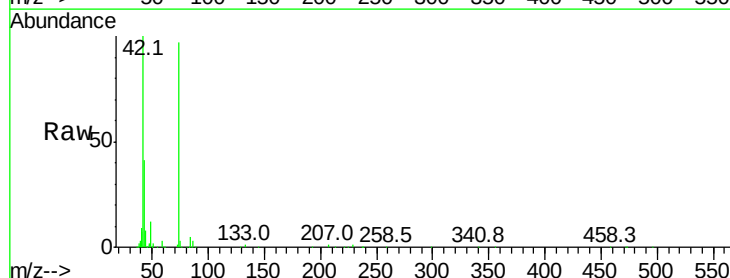
Delta R.T. -0.00 min

Lab File: BG025359.D

Acq: 21 Dec 2016 16:00

Tgt Ion: 42 Resp: 117120

Ion	Ratio	Lower	Upper
42	100		
74	97.3	76.7	115.1
44	8.5	6.1	9.1



Abundance

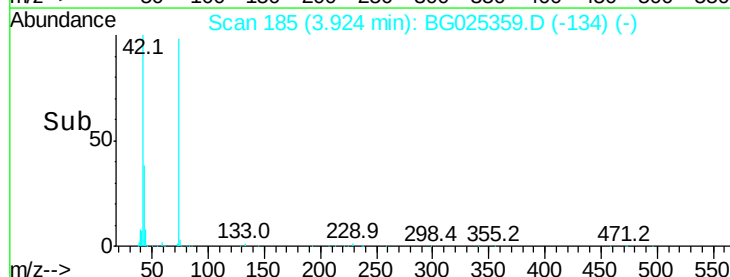
Ion 42.00 (41.70 to 42.70): BGC

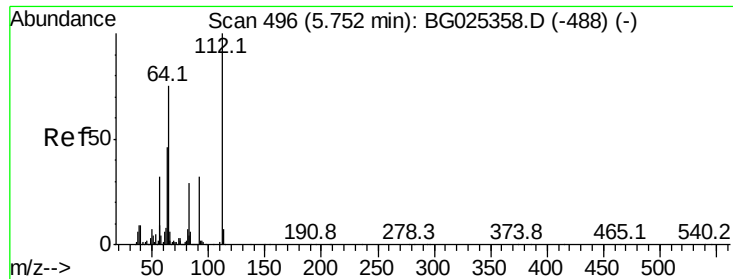
Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC

3.92

Time-->





#5

2-Fluorophenol

Concen: 95.70 ng

RT: 5.75 min Scan# 496

Delta R.T. -0.00 min

Lab File: BG025359.D

Acq: 21 Dec 2016 16:00

Instrument :

BNA_G

ClientSampleId :

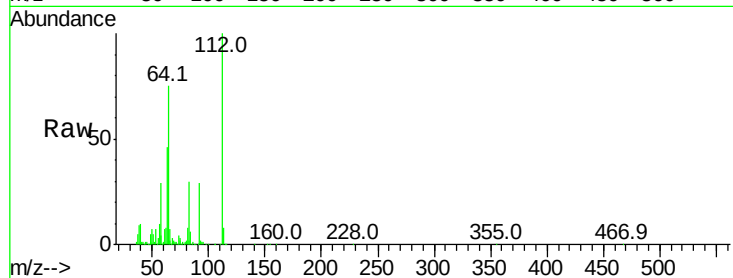
Tot Ion:112 Resp: 318944

Ion Ratio Lower Upper

112 100

64 74.5 61.8 92.6

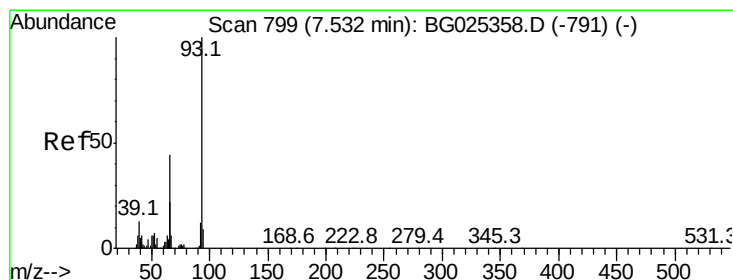
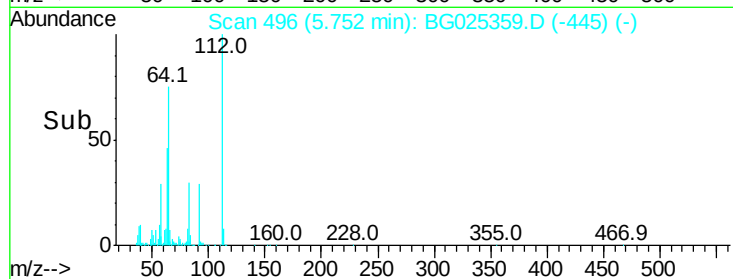
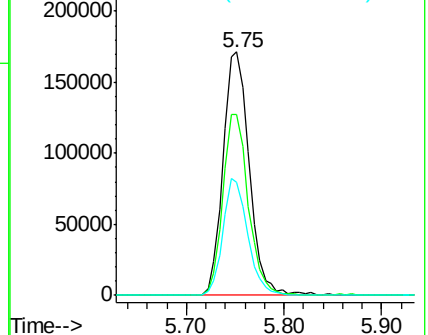
63 46.2 37.2 55.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 52.82 ng

RT: 7.54 min Scan# 800

Delta R.T. 0.01 min

Lab File: BG025359.D

Acq: 21 Dec 2016 16:00

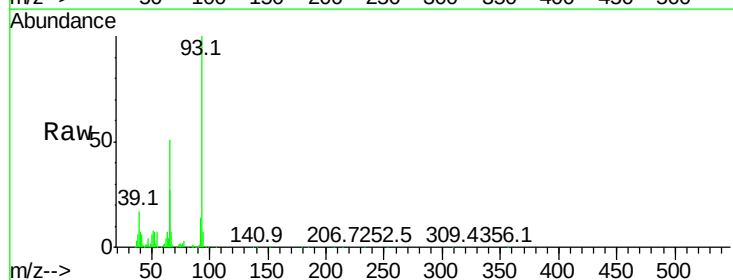
Tgt Ion: 93 Resp: 305905

Ion Ratio Lower Upper

93 100

66 50.6 35.4 53.2

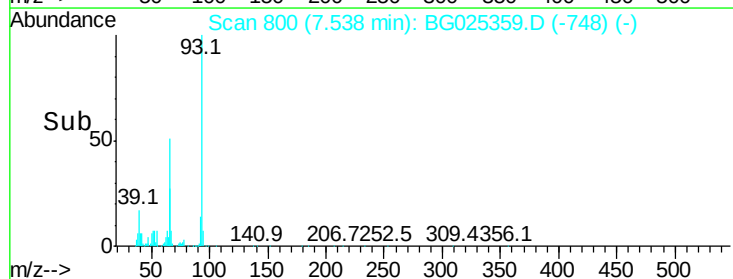
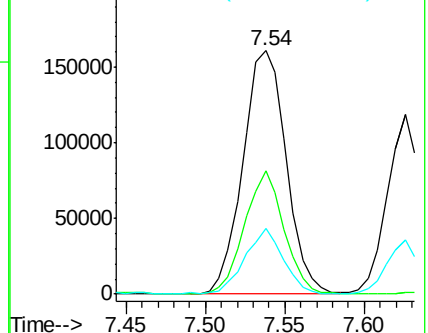
65 26.9 21.2 31.8

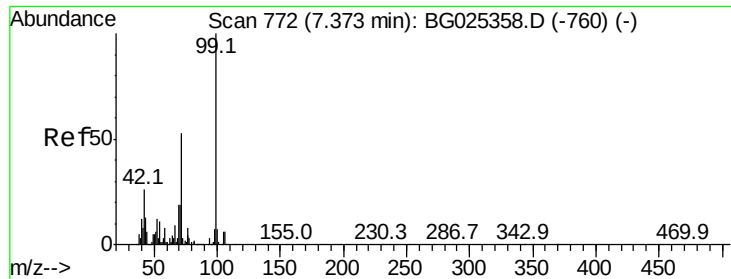


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 99.11 ng

RT: 7.37 min Scan# 772

Delta R.T. -0.00 min

Lab File: BG025359.D

Acq: 21 Dec 2016 16:00

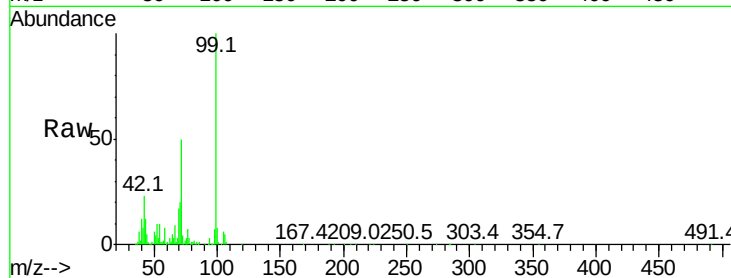
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 453076

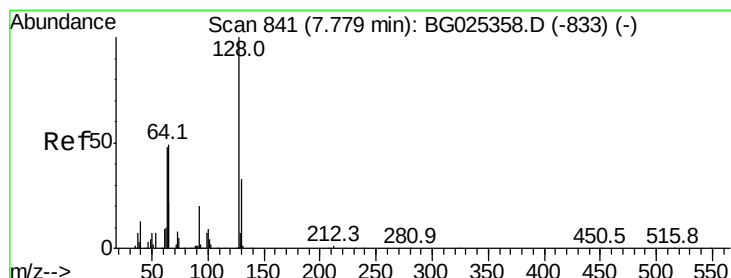
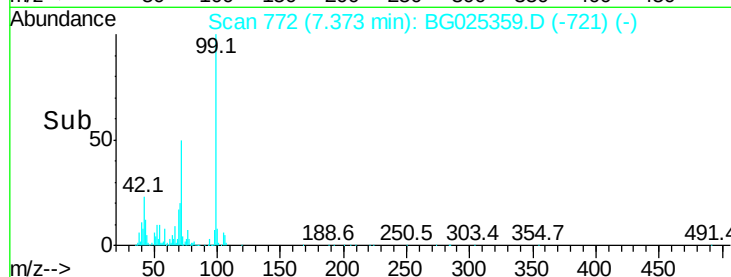
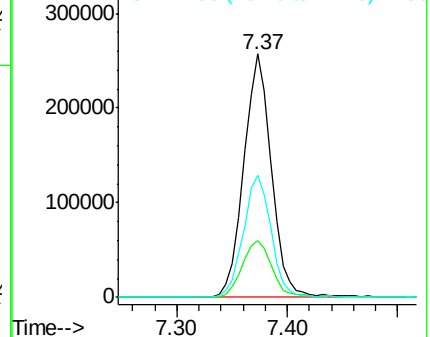
Ion	Ratio	Lower	Upper
99	100		
42	23.4	20.5	30.7
71	50.1	37.6	56.4



Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 51.42 ng

RT: 7.78 min Scan# 841

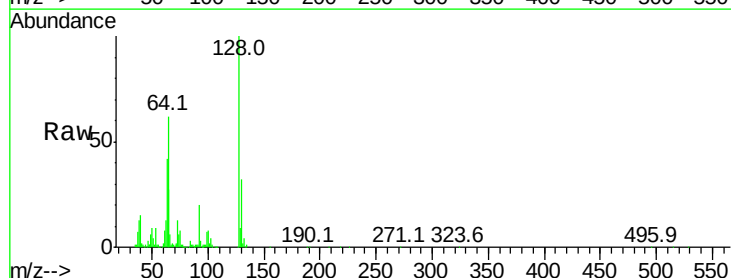
Delta R.T. -0.00 min

Lab File: BG025359.D

Acq: 21 Dec 2016 16:00

Tgt Ion: 128 Resp: 174237

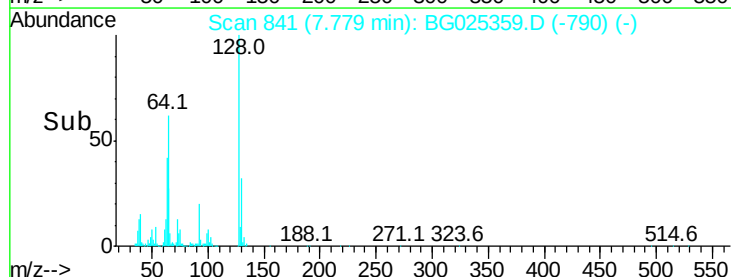
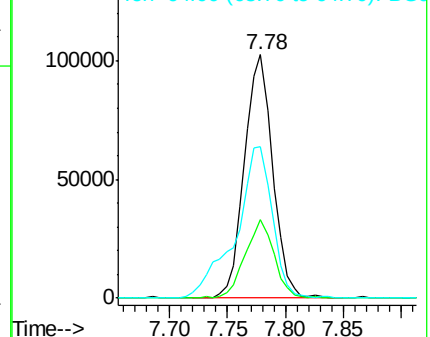
Ion	Ratio	Lower	Upper
128	100		
130	32.3	11.4	51.4
64	62.1	46.6	86.6

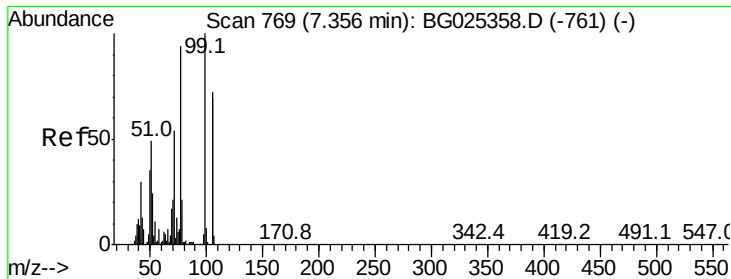


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 50.28 ng

RT: 7.35 min Scan# 768

Delta R.T. -0.01 min

Lab File: BG025359.D

Acq: 21 Dec 2016 16:00

Instrument :

BNA_G

ClientSampleId :

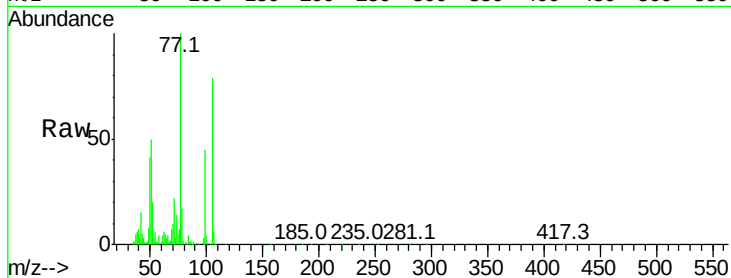
Tot Ion: 77 Resp: 142051

Ion Ratio Lower Upper

77 100

105 79.1 60.9 100.9

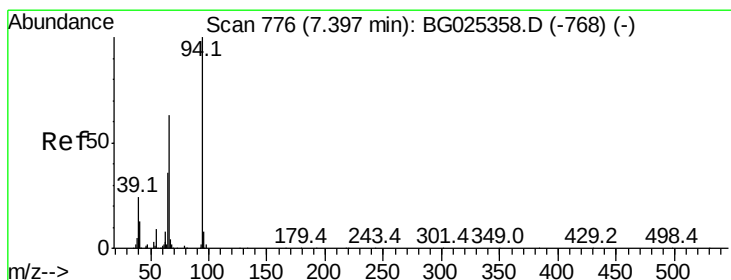
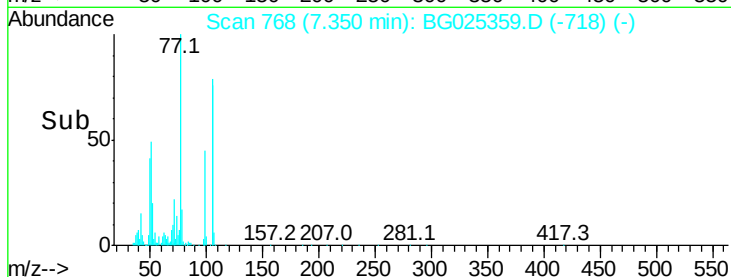
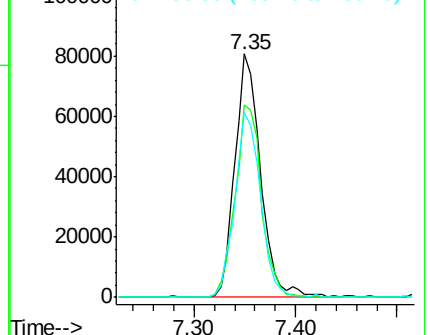
106 75.6 55.1 95.1



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: 52.26 ng

RT: 7.40 min Scan# 777

Delta R.T. 0.01 min

Lab File: BG025359.D

Acq: 21 Dec 2016 16:00

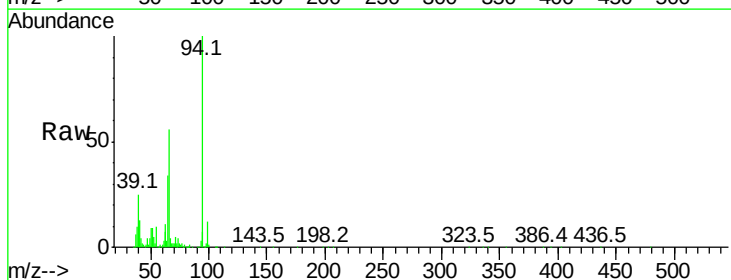
Tgt Ion: 94 Resp: 246270

Ion Ratio Lower Upper

94 100

65 34.3 20.6 60.6

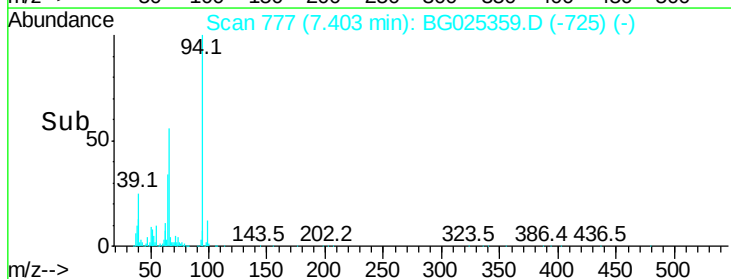
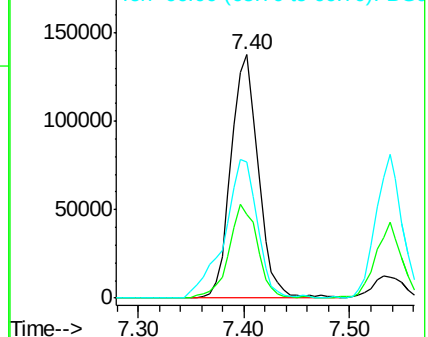
66 55.9 35.5 75.5

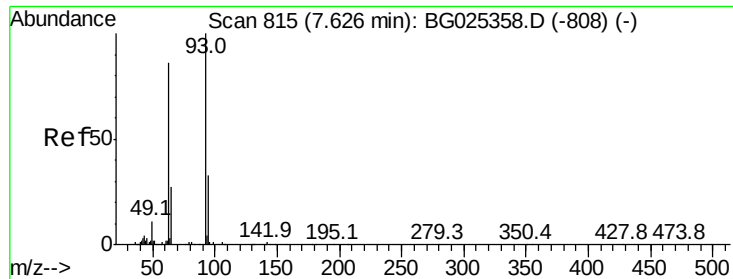


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

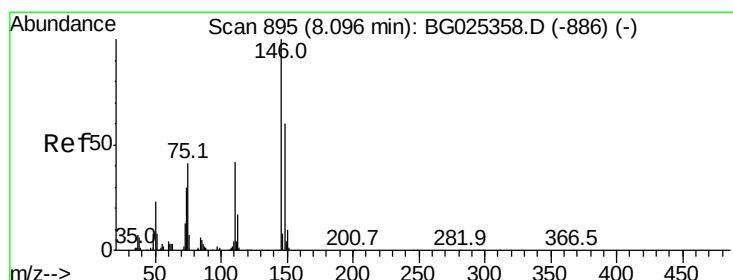
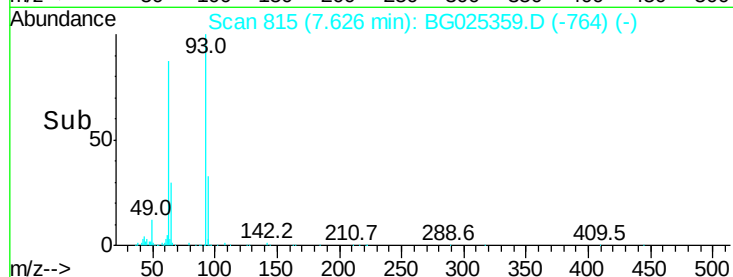
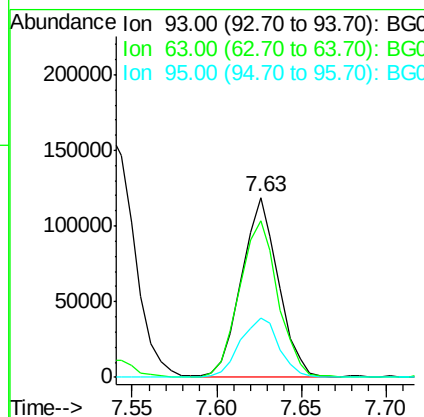
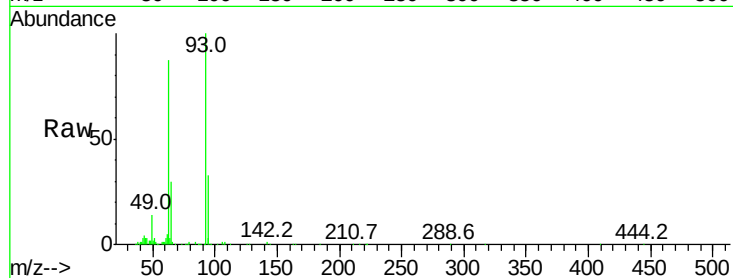




#11
bis(2-Chloroethyl)ether
Concen: 50.91 ng
RT: 7.63 min Scan# 815
Delta R.T. -0.00 min
Lab File: BG025359.D
Acq: 21 Dec 2016 16:00

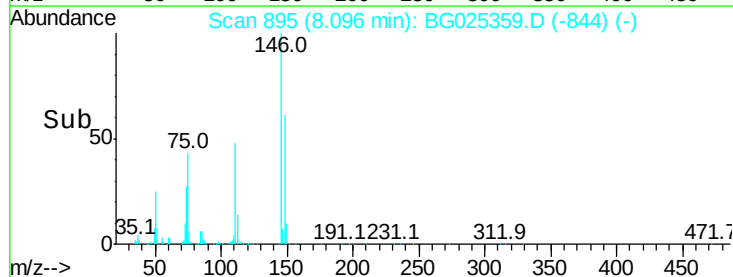
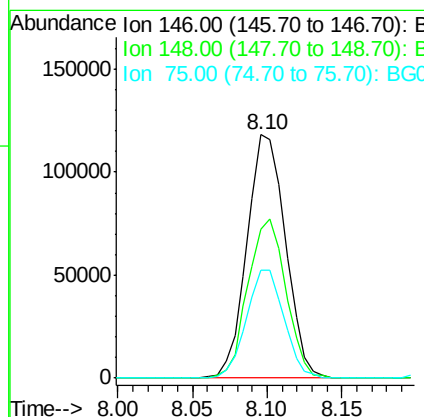
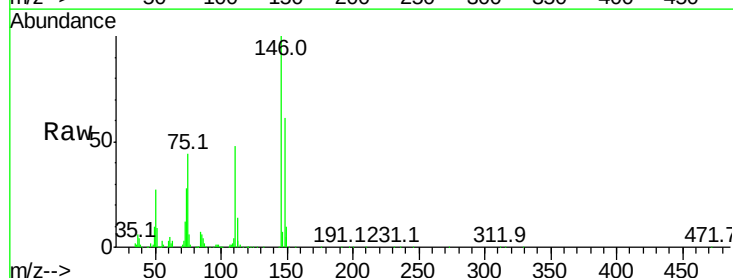
Instrument :
BNA_G
ClientSampleId :

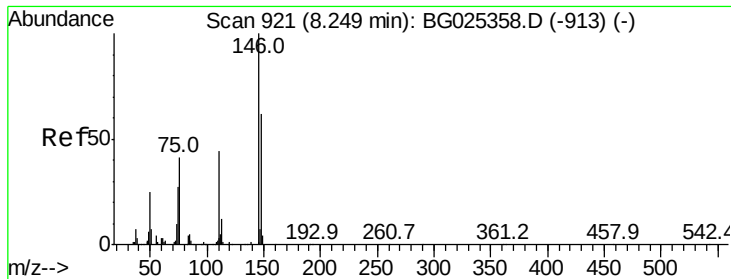
Tot Ion	Ratio	Lower	Upper
93	100		
63	87.2	78.5	118.5
95	33.3	9.8	49.8



#12
1,3-Dichlorobenzene
Concen: 50.33 ng
RT: 8.10 min Scan# 895
Delta R.T. -0.00 min
Lab File: BG025359.D
Acq: 21 Dec 2016 16:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.2	49.2	73.8
75	44.2	33.4	50.2

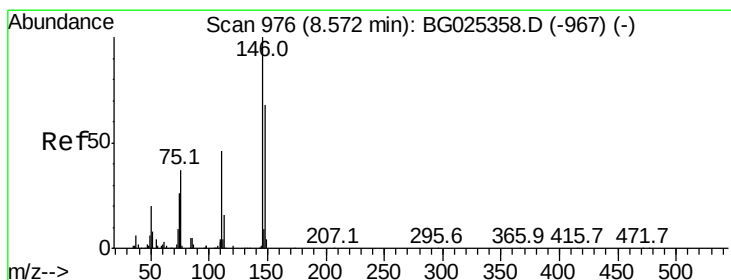
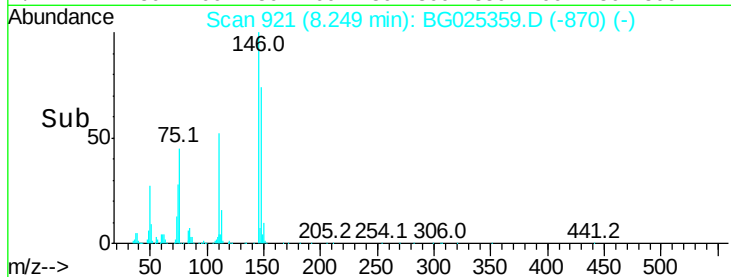
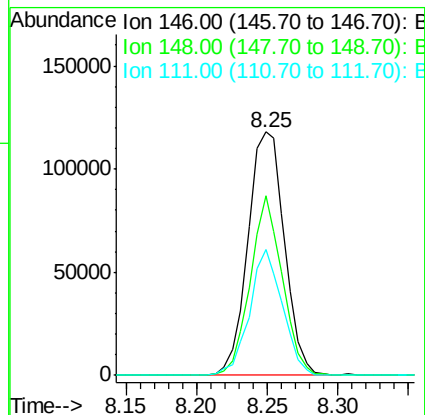
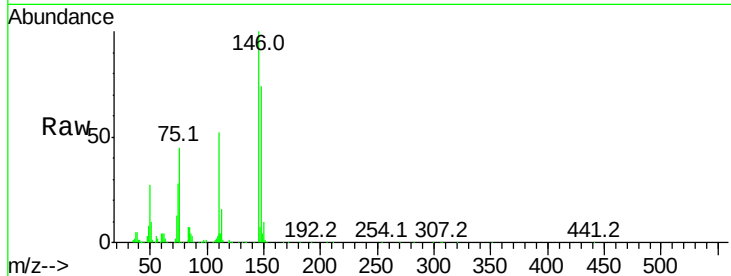




#13
 1,4-Dichlorobenzene
 Concen: 51.66 ng
 RT: 8.25 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: BG025359.D
 Acq: 21 Dec 2016 16:00

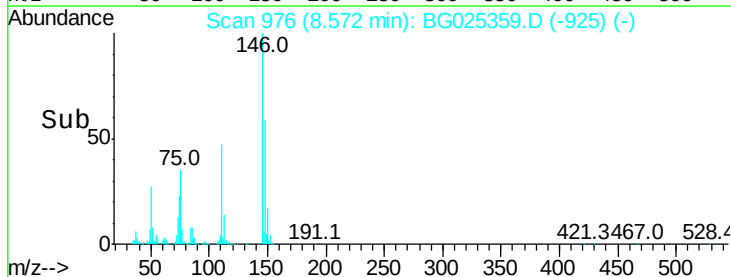
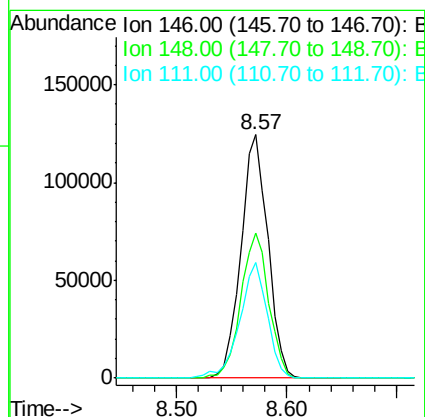
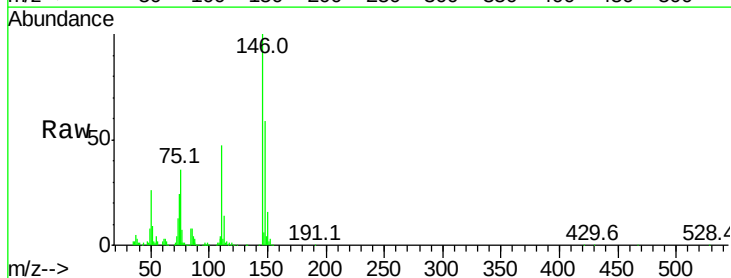
Instrument :
 BNA_G
 ClientSampleId :

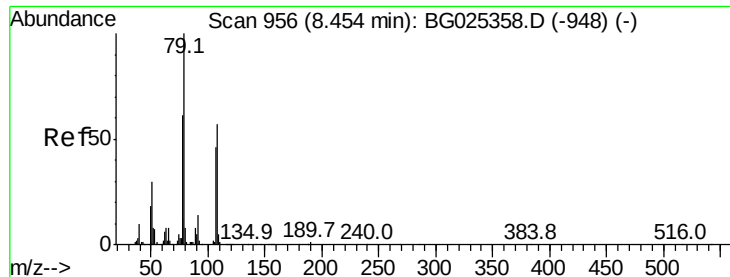
Tot Ion	Ratio	Lower	Upper
146	100		
148	74.0	52.2	78.2
111	51.9	37.0	55.6



#14
 1,2-Dichlorobenzene
 Concen: 53.63 ng
 RT: 8.57 min Scan# 976
 Delta R.T. -0.00 min
 Lab File: BG025359.D
 Acq: 21 Dec 2016 16:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	59.3	54.6	81.8
111	47.3	39.7	59.5





#15

Benzyl Alcohol

Concen: 52.10 ng

RT: 8.45 min Scan# 956

Delta R.T. -0.00 min

Lab File: BG025359.D

Acq: 21 Dec 2016 16:00

Instrument :

BNA_G

ClientSampled :

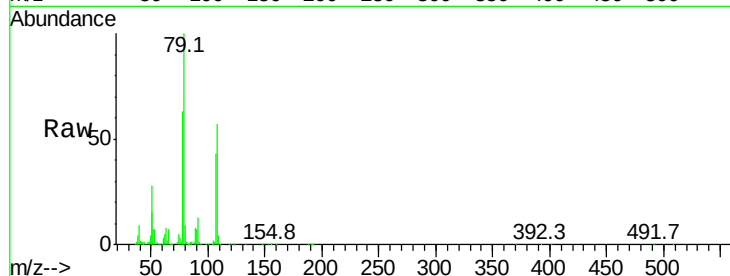
Tot Ion: 79 Resp: 221576

Ion Ratio Lower Upper

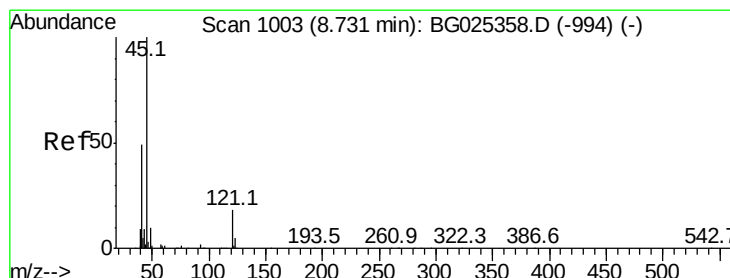
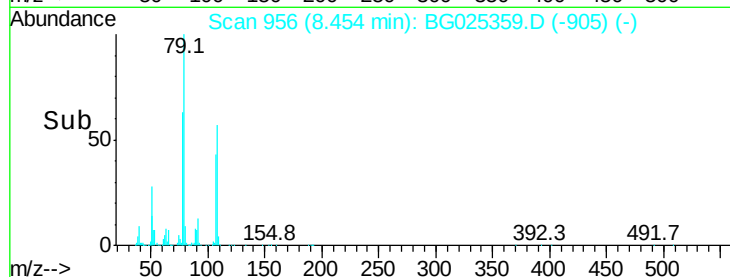
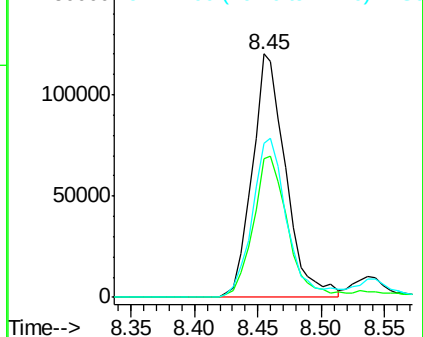
79 100

108 56.8 45.5 68.3

77 63.0 54.3 81.5



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: 52.90 ng

RT: 8.73 min Scan# 1003

Delta R.T. -0.00 min

Lab File: BG025359.D

Acq: 21 Dec 2016 16:00

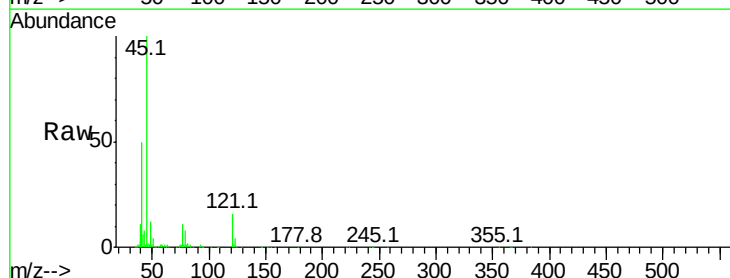
Tgt Ion: 45 Resp: 347443

Ion Ratio Lower Upper

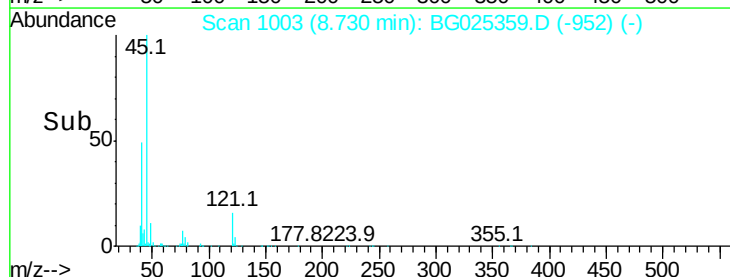
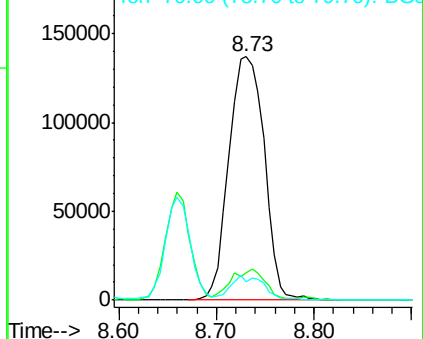
45 100

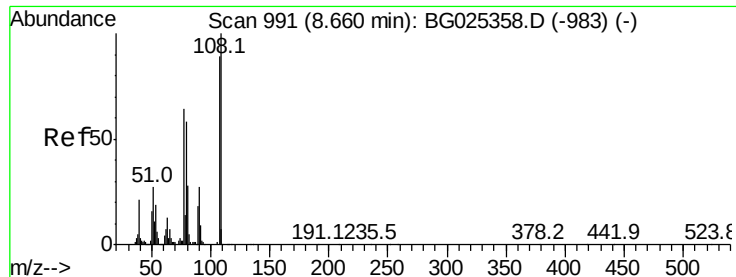
77 11.2 0.0 30.6

79 7.5 0.0 28.5



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: 52.57 ng

RT: 8.66 min Scan# 991

Delta R.T. -0.00 min

Lab File: BG025359.D

Acq: 21 Dec 2016 16:00

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 164135

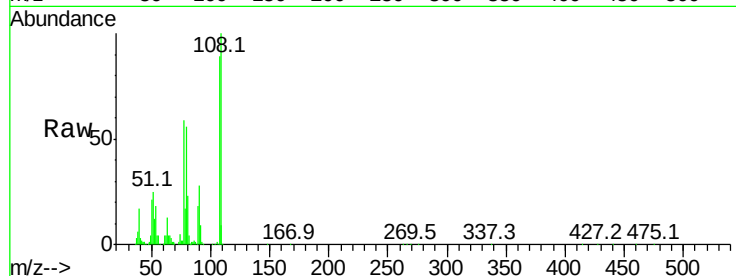
Ion Ratio Lower Upper

107 100

108 111.8 85.6 128.4

77 65.9 51.4 77.2

79 62.8 49.2 73.8



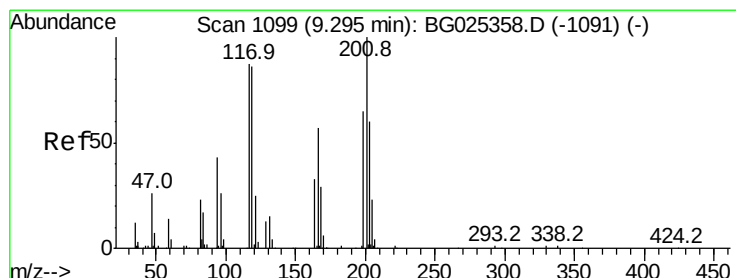
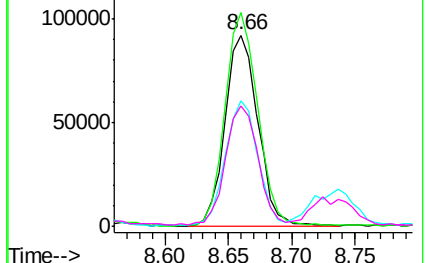
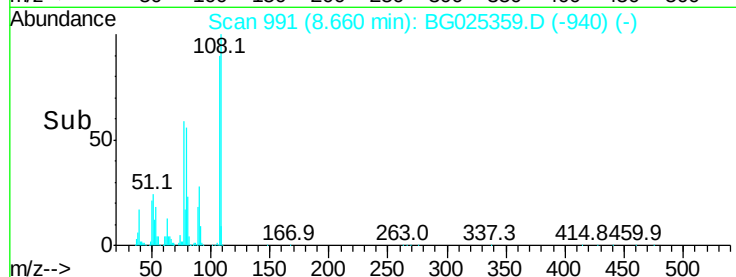
Abundance

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: 53.43 ng

RT: 9.29 min Scan# 1099

Delta R.T. -0.00 min

Lab File: BG025359.D

Acq: 21 Dec 2016 16:00

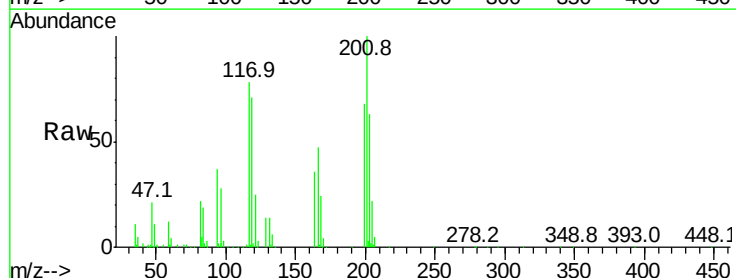
Tgt Ion:117 Resp: 85097

Ion Ratio Lower Upper

117 100

119 91.0 69.8 104.6

201 128.9 95.4 143.0

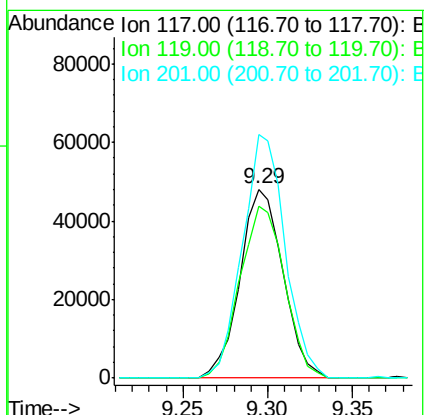
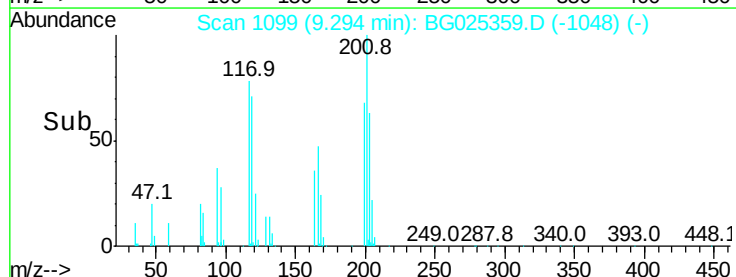


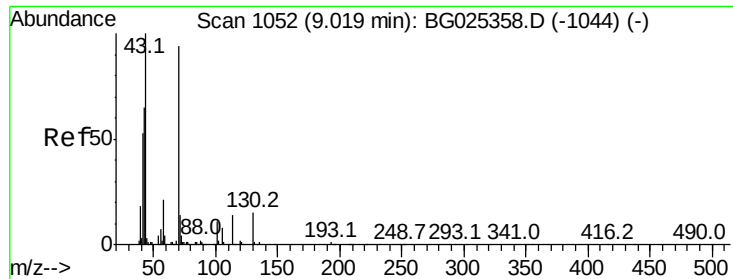
Abundance

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

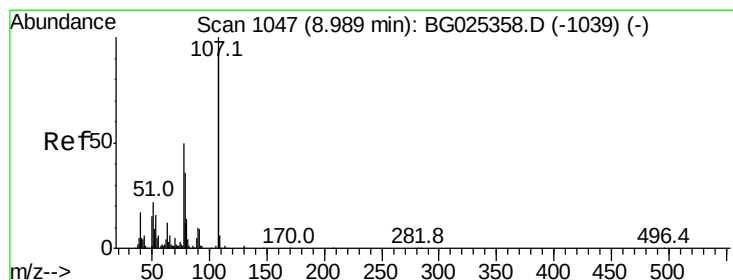
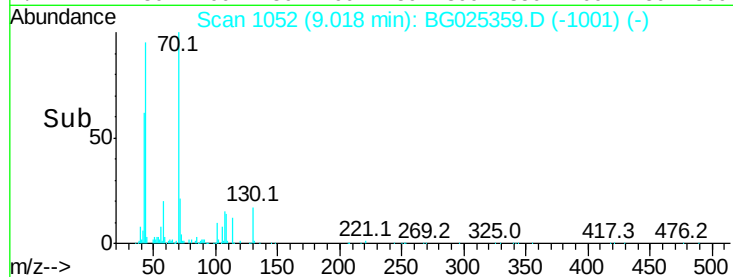
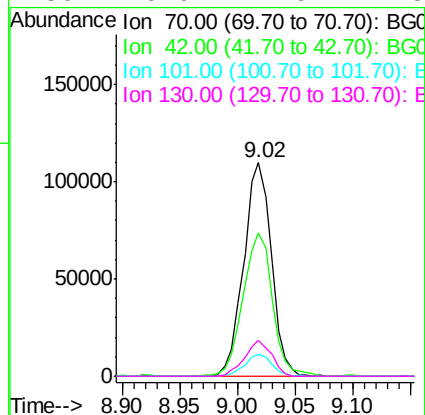
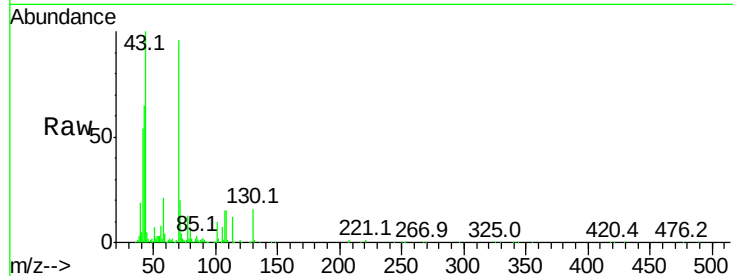




#19
n-Nitroso-di-n-propylamine
Concen: 54.42 ng
RT: 9.02 min Scan# 1052
Delta R.T. -0.00 min
Lab File: BG025359.D
Acq: 21 Dec 2016 16:00

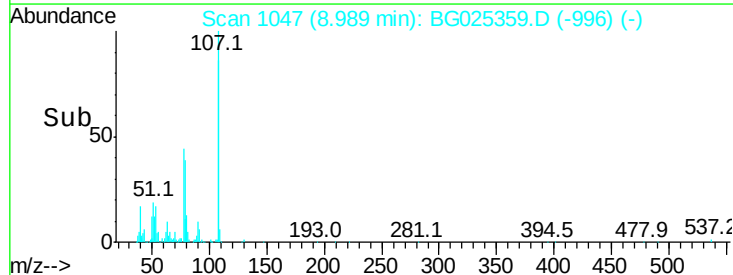
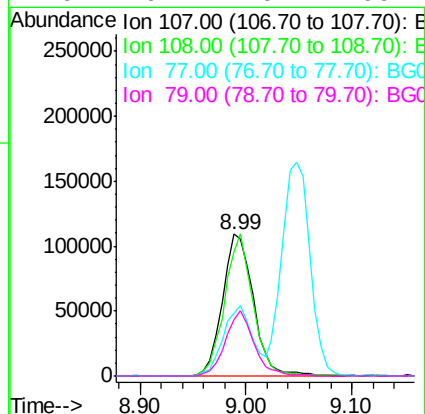
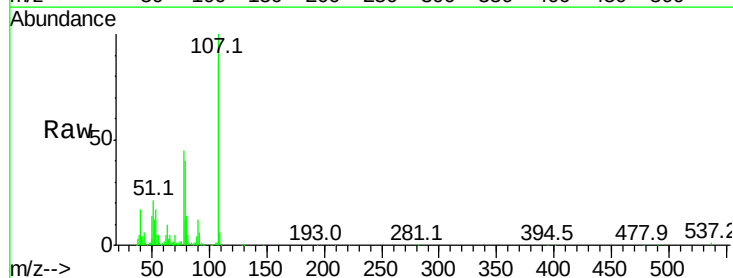
Instrument :
BNA_G
ClientSampleId :

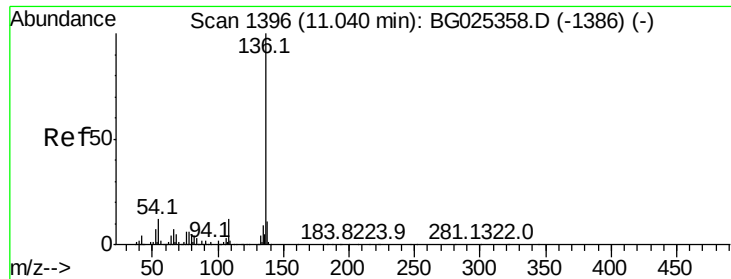
Tot Ion:	70	Resp:	183340
Ion	Ratio	Lower	Upper
70	100		
42	67.3	56.1	84.1
101	10.1	7.5	11.3
130	16.9	14.6	21.8



#20
3+4-Methylphenols
Concen: 52.71 ng
RT: 8.99 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BG025359.D
Acq: 21 Dec 2016 16:00

Tgt Ion:	107	Resp:	220997
Ion	Ratio	Lower	Upper
107	100		
108	88.0	70.8	110.8
77	44.7	25.8	65.8
79	40.2	20.1	60.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.04 min Scan# 1396

Delta R.T. -0.00 min

Lab File: BG025359.D

Acq: 21 Dec 2016 16:00

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 234840

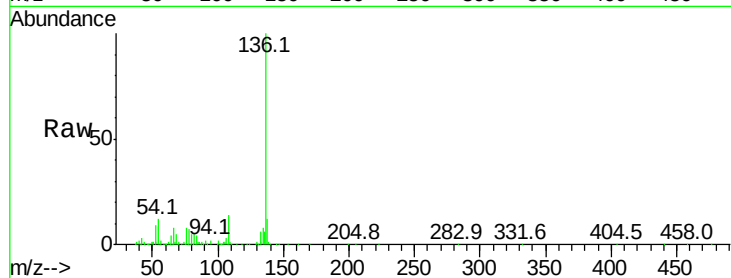
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 12.0 9.3 13.9

68 5.5 5.1 7.7

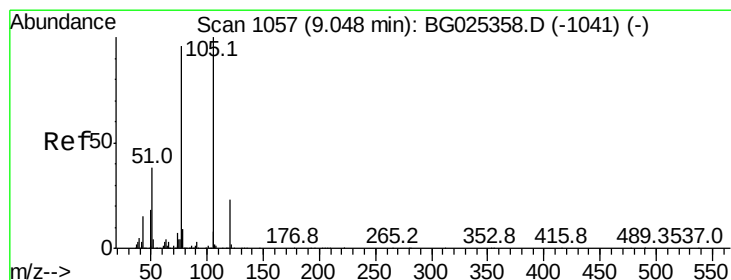
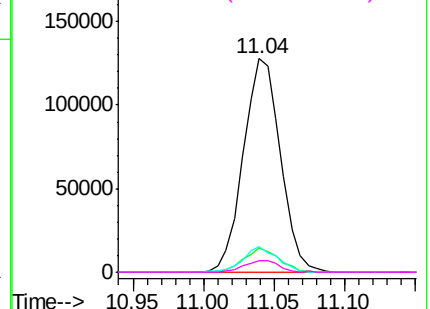
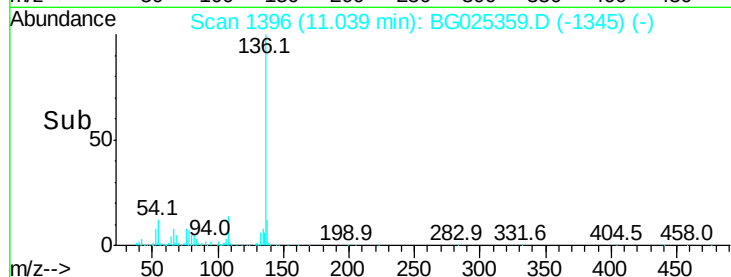


Abundance Ion 136.00 (135.70 to 136.70): E

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: 53.44 ng

RT: 9.05 min Scan# 1057

Delta R.T. -0.00 min

Lab File: BG025359.D

Acq: 21 Dec 2016 16:00

Tgt Ion:105 Resp: 322361

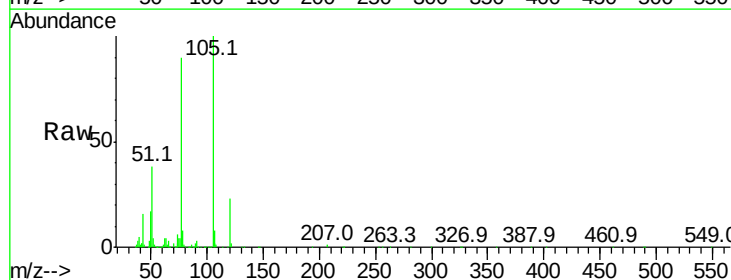
Ion Ratio Lower Upper

105 100

71 0.2 0.9 1.3#

51 37.7 34.0 51.0

120 22.6 17.3 25.9

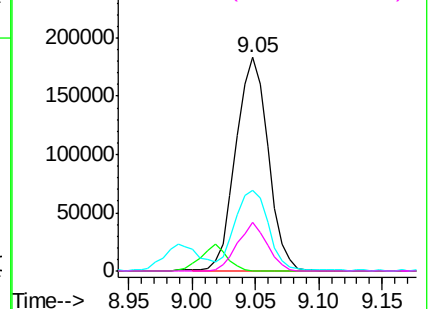
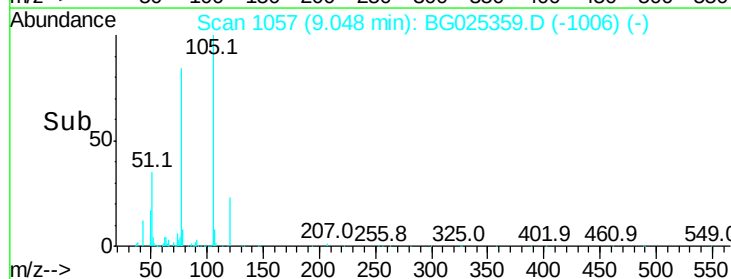


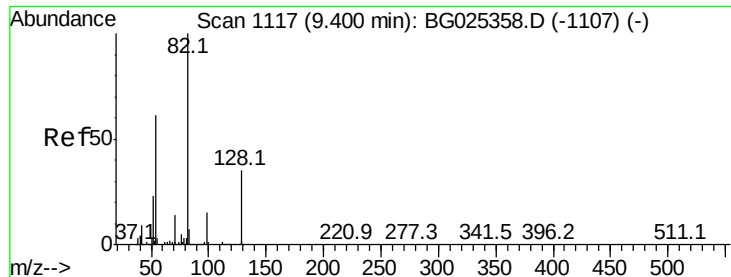
Abundance Ion 105.00 (104.70 to 105.70): E

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

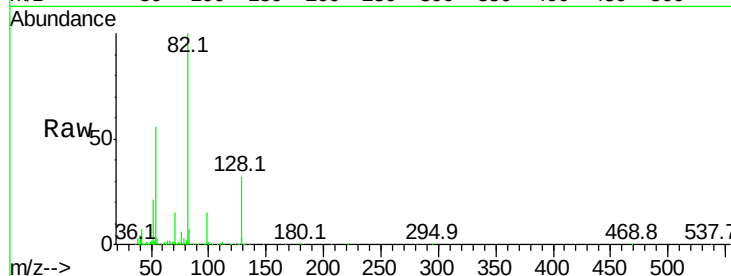




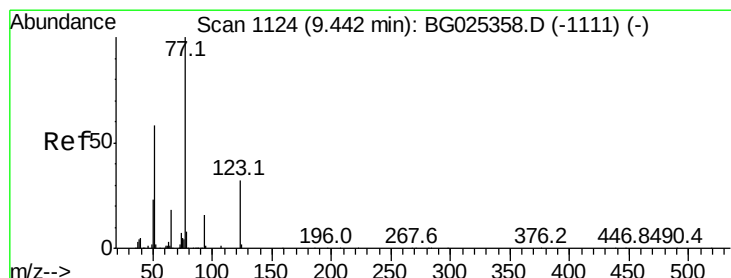
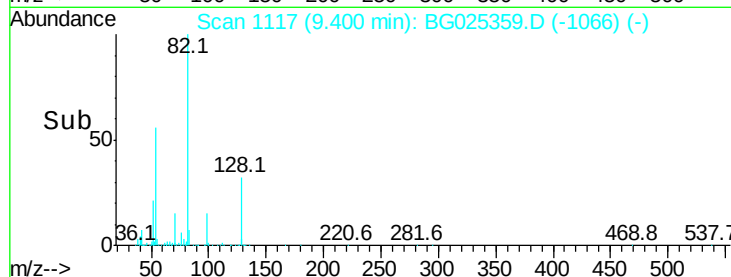
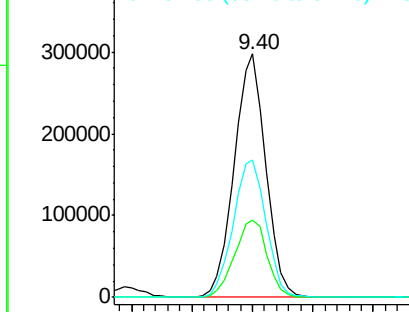
#23
 Nitrobenzene-d5
 Concen: 105.03 ng
 RT: 9.40 min Scan# 1117
 Delta R.T. -0.00 min
 Lab File: BG025359.D
 Acq: 21 Dec 2016 16:00

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	82	Resp	541718
Ion Ratio	100	Lower	Upper
128	31.7	26.4	39.6
54	56.3	49.4	74.2

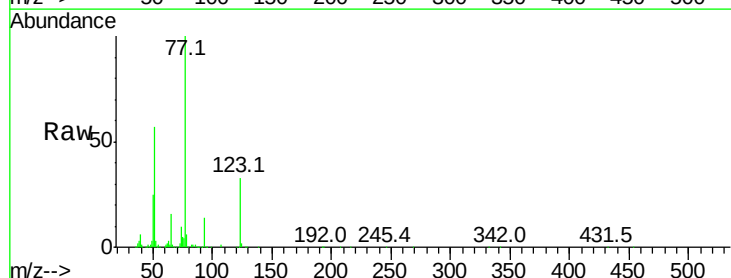


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

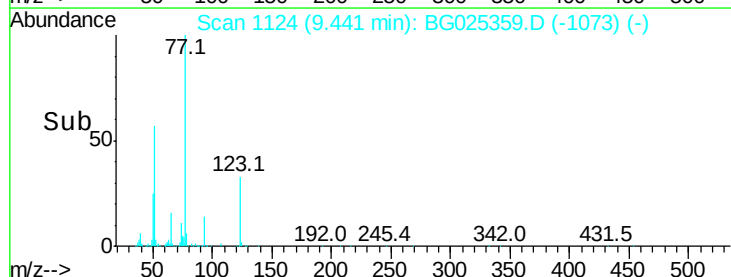
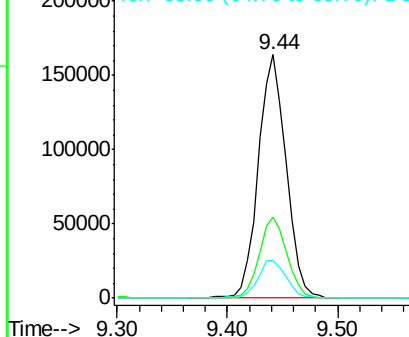


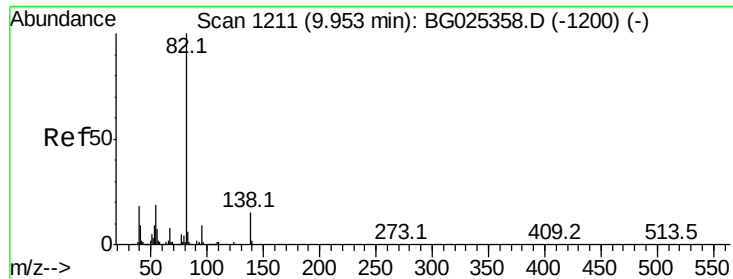
#24
 Nitrobenzene
 Concen: 50.54 ng
 RT: 9.44 min Scan# 1124
 Delta R.T. -0.00 min
 Lab File: BG025359.D
 Acq: 21 Dec 2016 16:00

Tgt Ion	77	Resp	289990
Ion Ratio	100	Lower	Upper
123	33.3	26.1	39.1
65	15.5	12.4	18.6



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: 50.32 ng

RT: 9.96 min Scan# 1212

Delta R.T. 0.01 min

Lab File: BG025359.D

Acq: 21 Dec 2016 16:00

Instrument :

BNA_G

ClientSampleId :

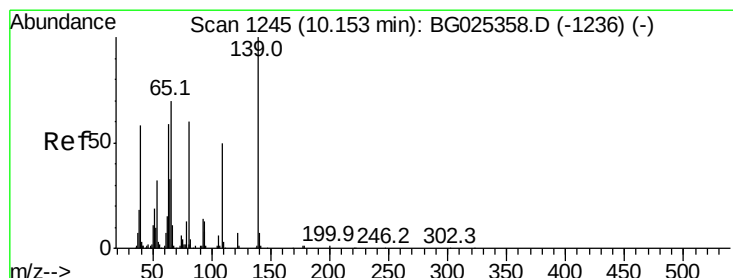
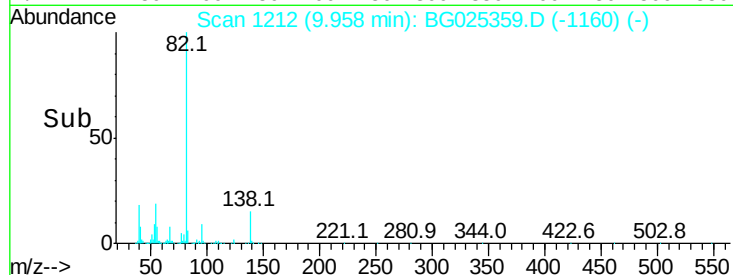
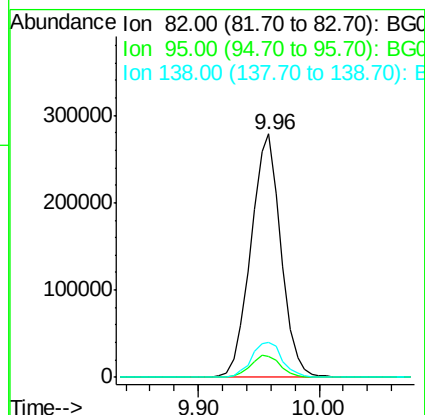
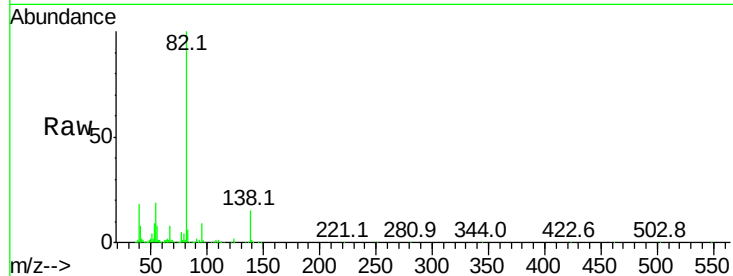
Tot Ion: 82 Resp: 482818

Ion Ratio Lower Upper

82 100

95 8.8 7.5 11.3

138 14.5 12.3 18.5



#26

2-Nitrophenol

Concen: 53.09 ng

RT: 10.16 min Scan# 1246

Delta R.T. 0.01 min

Lab File: BG025359.D

Acq: 21 Dec 2016 16:00

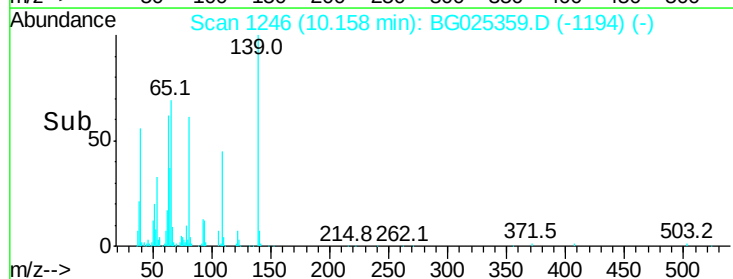
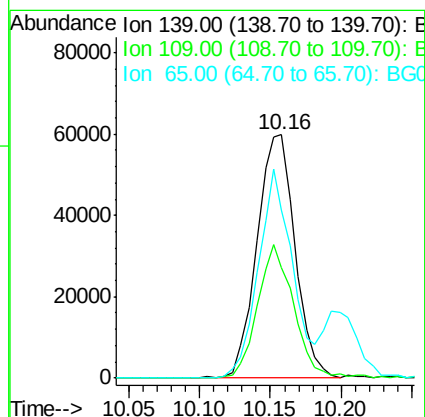
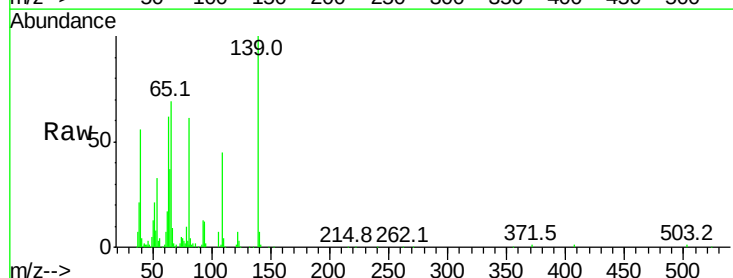
Tgt Ion: 139 Resp: 113079

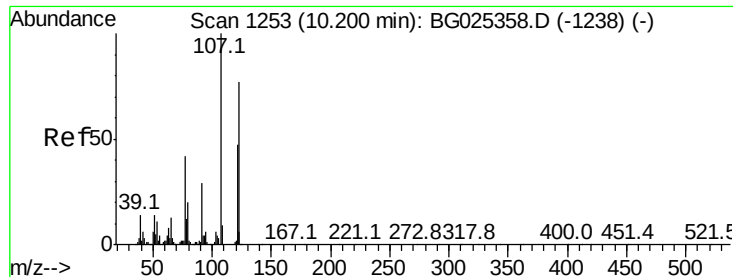
Ion Ratio Lower Upper

139 100

109 45.3 38.6 58.0

65 69.3 57.1 85.7





#27

2,4-Dimethylphenol

Concen: 50.86 ng

RT: 10.20 min Scan# 1253

Delta R.T. -0.00 min

Lab File: BG025359.D

Acq: 21 Dec 2016 16:00

Instrument :

BNA_G

ClientSampleId :

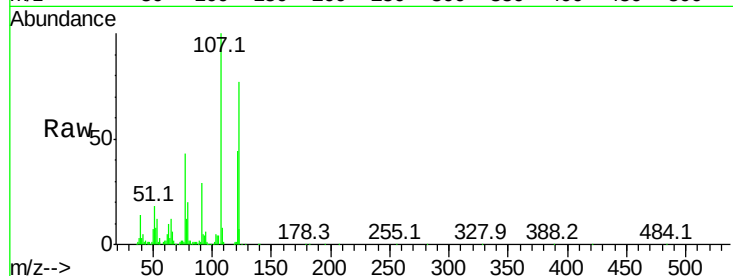
Tot Ion:122 Resp: 189642

Ion Ratio Lower Upper

122 100

107 130.3 104.2 156.4

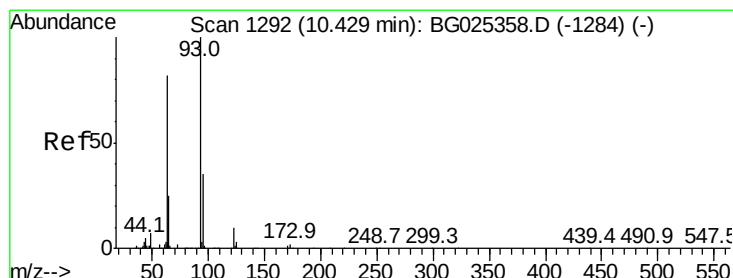
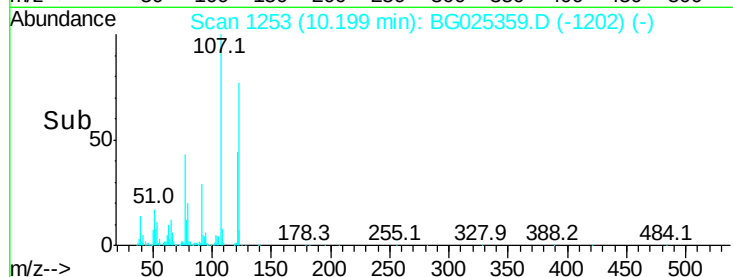
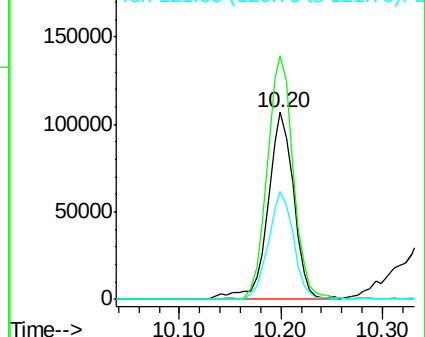
121 57.8 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 50.22 ng

RT: 10.43 min Scan# 1292

Delta R.T. -0.00 min

Lab File: BG025359.D

Acq: 21 Dec 2016 16:00

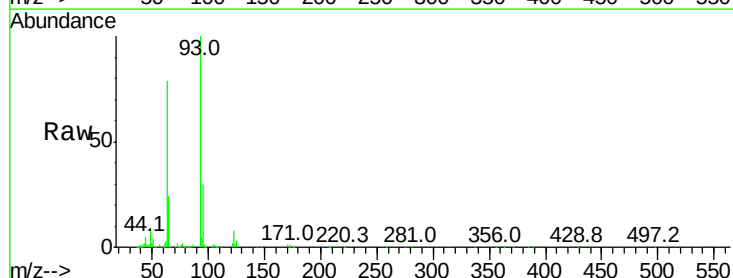
Tgt Ion: 93 Resp: 249278

Ion Ratio Lower Upper

93 100

95 29.9 25.7 38.5

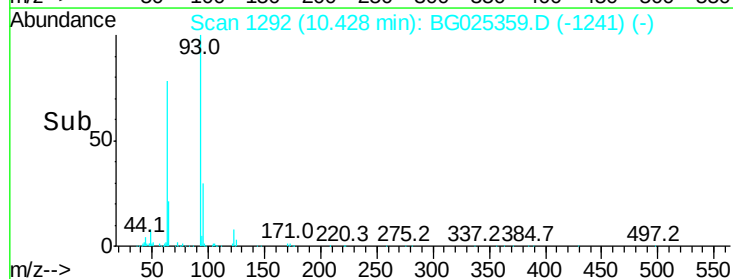
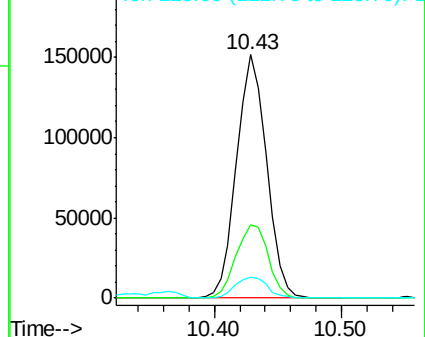
123 8.4 8.3 12.5

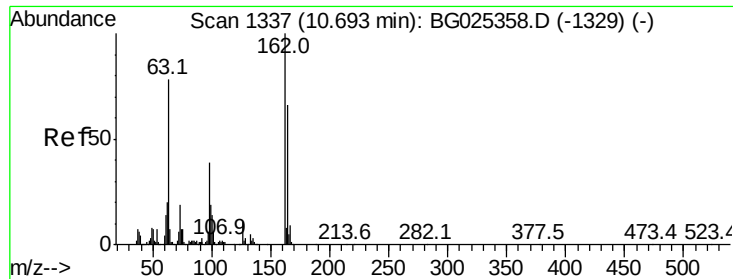


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 51.25 ng

RT: 10.69 min Scan# 1337

Delta R.T. -0.00 min

Lab File: BG025359.D

Acq: 21 Dec 2016 16:00

Instrument :

BNA_G

ClientSampleId :

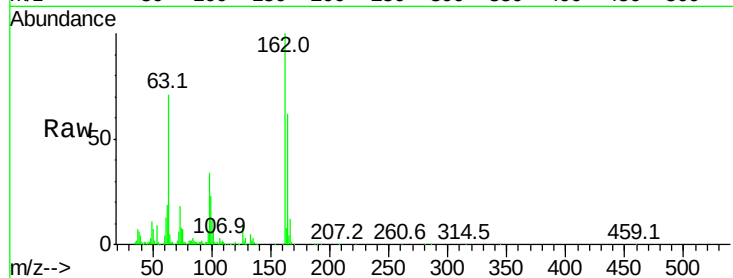
Tot Ion:162 Resp: 200575

Ion Ratio Lower Upper

162 100

164 61.9 42.4 82.4

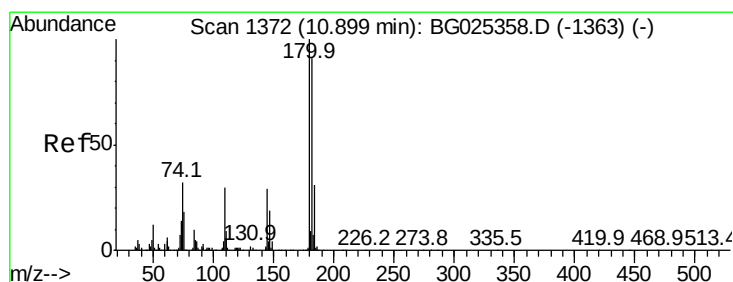
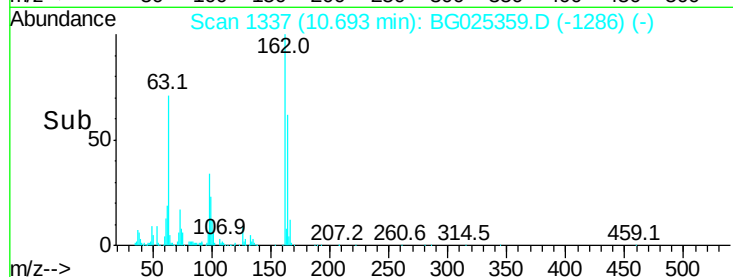
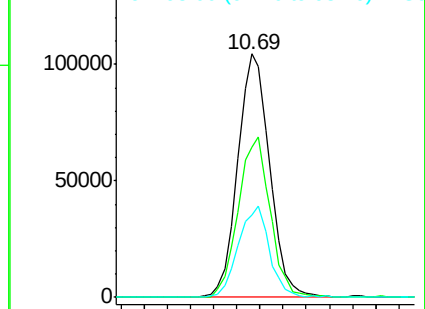
98 33.6 20.3 60.3



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 49.85 ng

RT: 10.90 min Scan# 1372

Delta R.T. -0.00 min

Lab File: BG025359.D

Acq: 21 Dec 2016 16:00

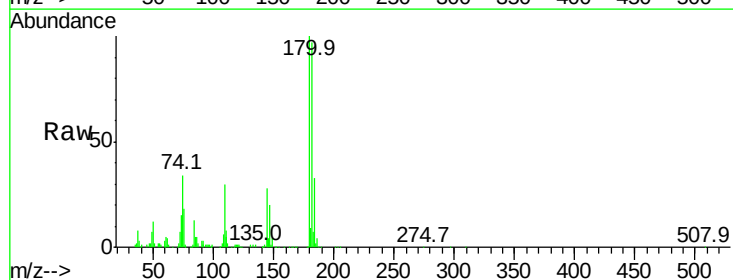
Tgt Ion:180 Resp: 231406

Ion Ratio Lower Upper

180 100

182 97.2 77.0 115.4

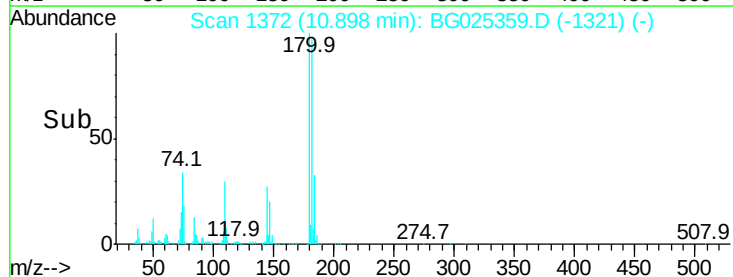
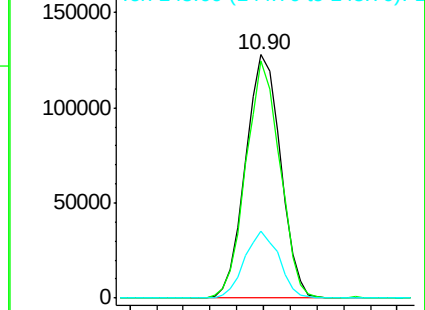
145 27.6 23.4 35.0

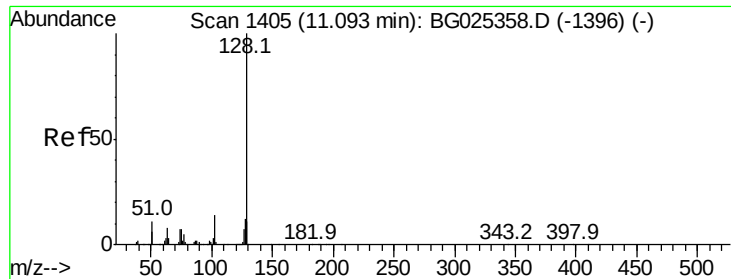


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

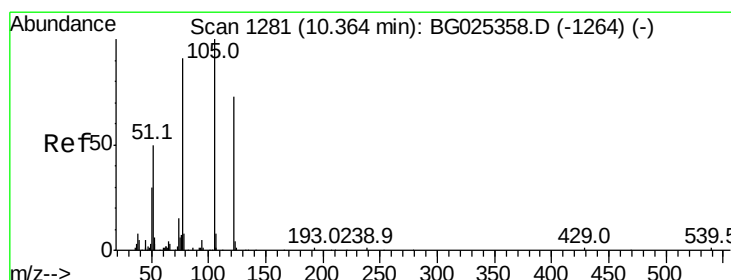
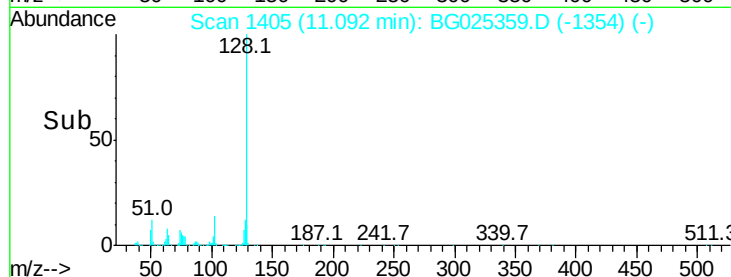
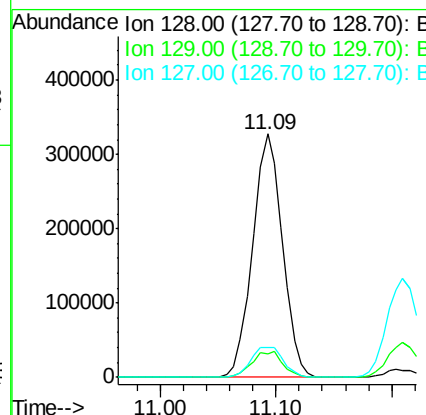
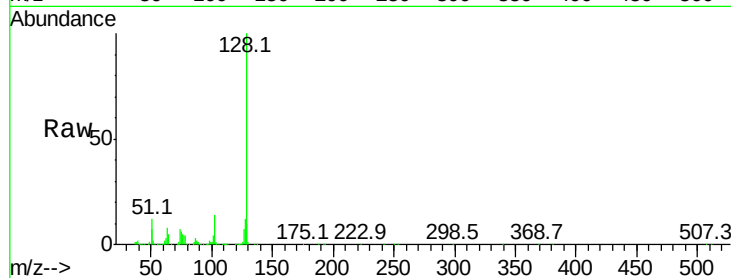




#31
Naphthalene
Concen: 50.17 ng
RT: 11.09 min Scan# 1405
Delta R.T. -0.00 min
Lab File: BG025359.D
Acq: 21 Dec 2016 16:00

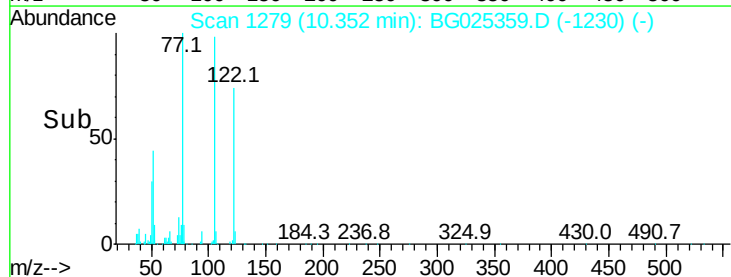
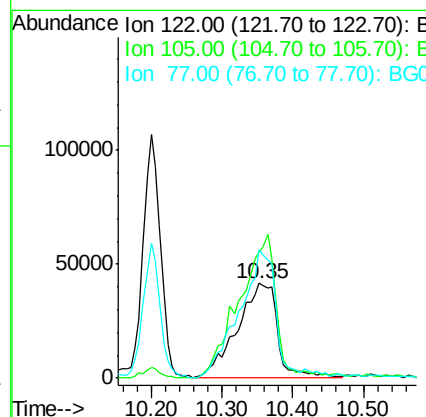
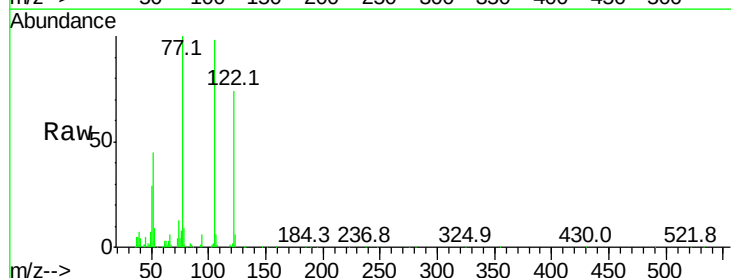
Instrument :
BNA_G
ClientSampled :

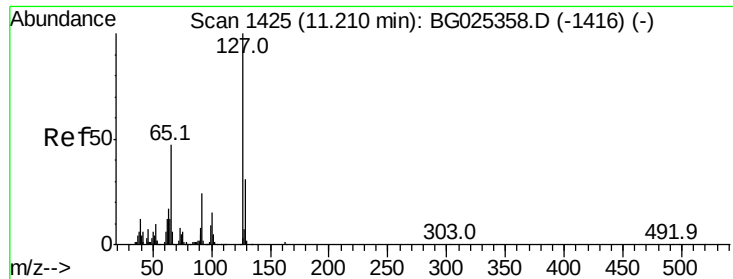
Tot Ion	Ratio	Lower	Upper
128	100		
129	9.8	9.3	13.9
127	12.0	11.4	17.0



#32
Benzoic acid
Concen: 52.17 ng
RT: 10.35 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BG025359.D
Acq: 21 Dec 2016 16:00

Tgt Ion	Ratio	Lower	Upper
122	100		
105	132.9	120.1	160.1
77	135.4	104.6	144.6

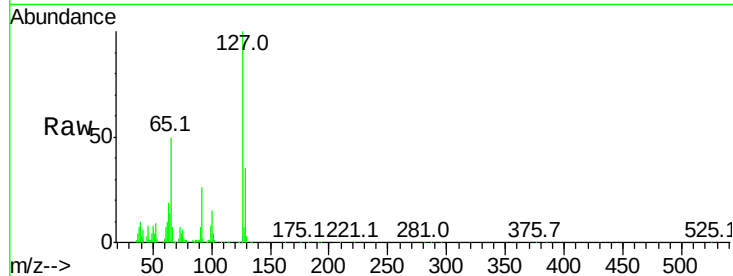




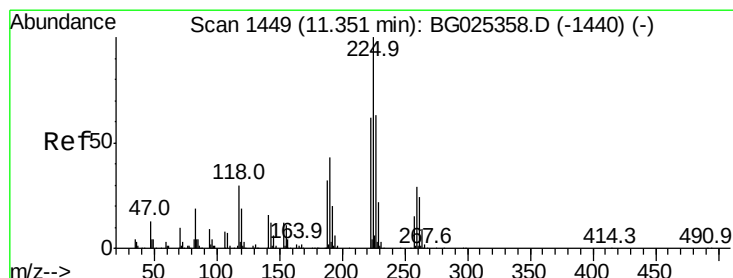
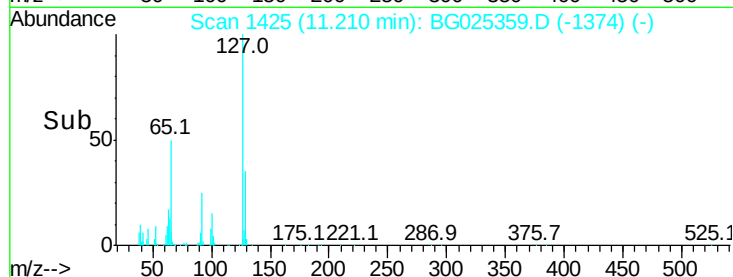
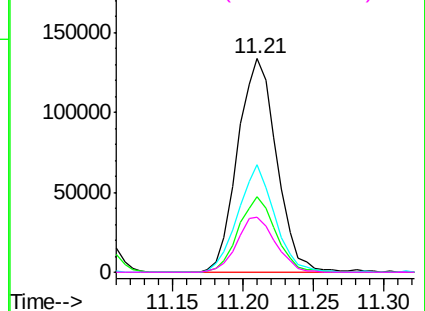
#33
4-Chloroaniline
Concen: 50.61 ng
RT: 11.21 min Scan# 1425
Delta R.T. -0.00 min
Lab File: BG025359.D
Acq: 21 Dec 2016 16:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	257392
Ion	Ratio	Lower	Upper
127	100		
129	35.2	23.6	35.4
65	50.3	37.7	56.5
92	25.5	17.6	26.4

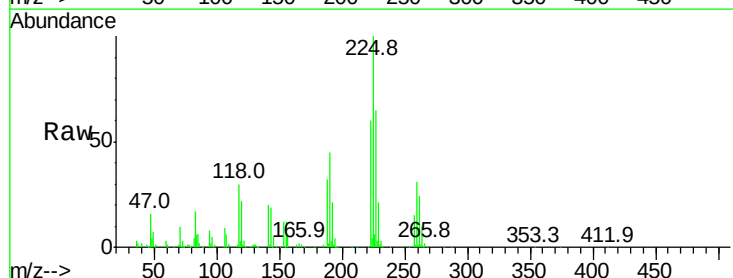


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

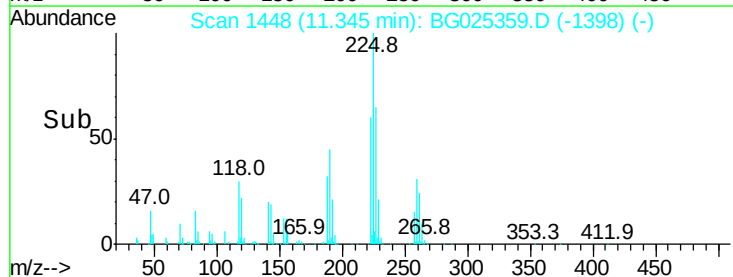
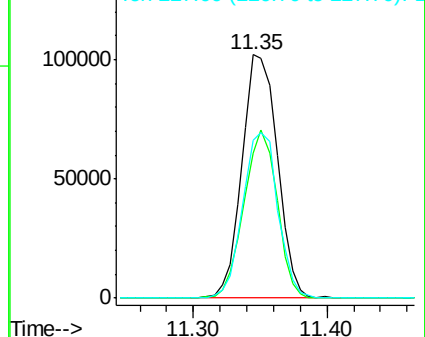


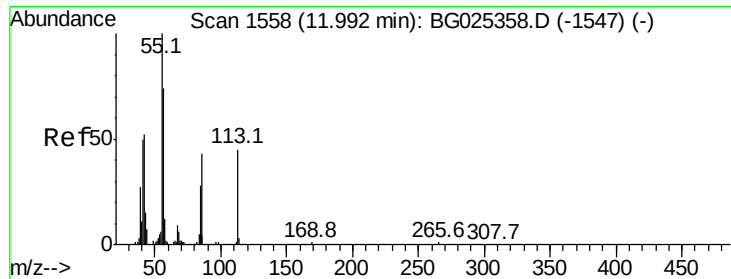
#34
Hexachlorobutadiene
Concen: 51.44 ng
RT: 11.35 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BG025359.D
Acq: 21 Dec 2016 16:00

Tgt Ion:	225	Resp:	186890
Ion	Ratio	Lower	Upper
225	100		
223	59.6	50.7	76.1
227	64.6	49.0	73.6



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: 51.71 ng

RT: 12.00 min Scan# 1559

Delta R.T. 0.01 min

Lab File: BG025359.D

Acq: 21 Dec 2016 16:00

Instrument :

BNA_G

ClientSampled :

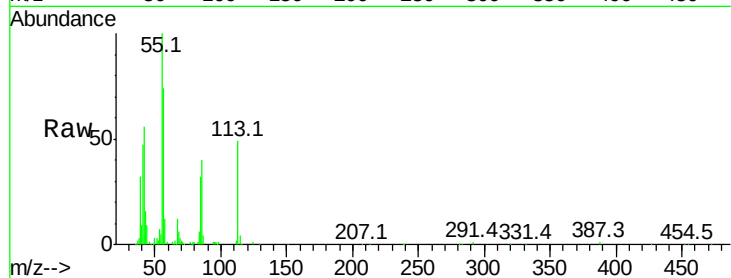
Tot Ion:113 Resp: 74082

Ion Ratio Lower Upper

113 100

55 205.6 198.6 238.6

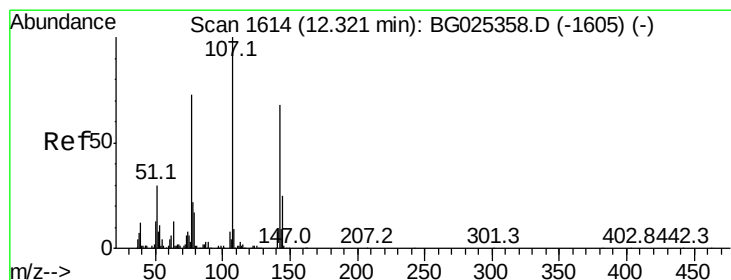
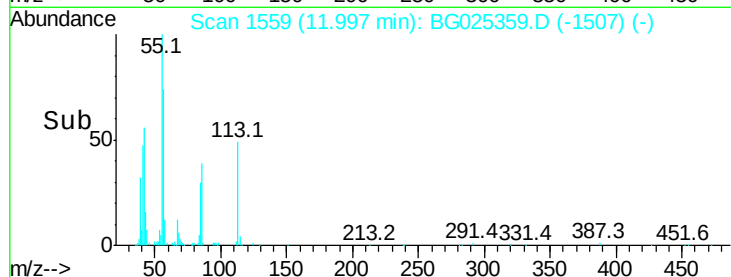
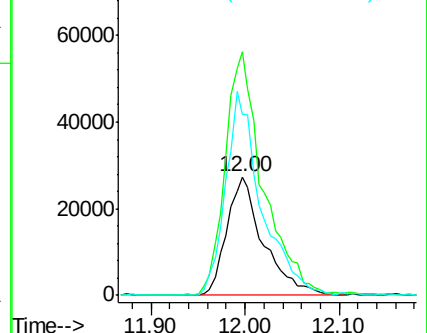
56 153.1 140.4 180.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 51.68 ng

RT: 12.32 min Scan# 1614

Delta R.T. -0.00 min

Lab File: BG025359.D

Acq: 21 Dec 2016 16:00

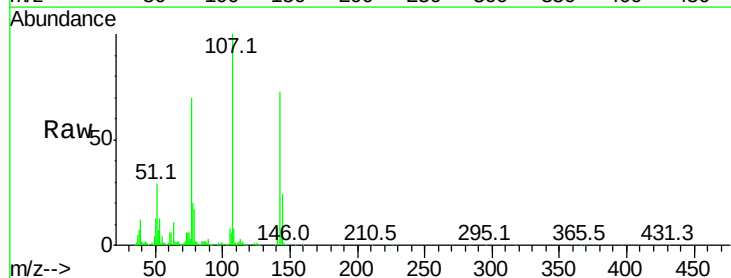
Tgt Ion:107 Resp: 244170

Ion Ratio Lower Upper

107 100

144 23.7 17.4 26.0

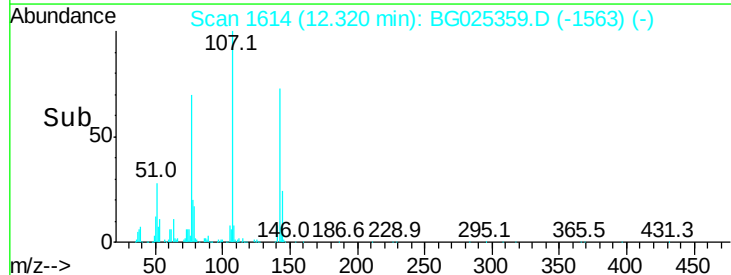
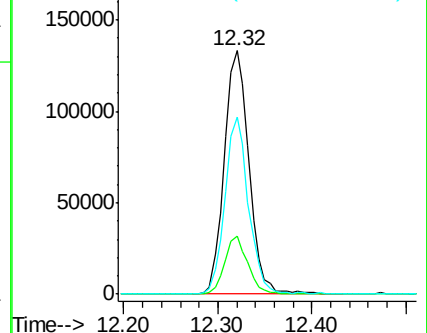
142 72.8 54.1 81.1

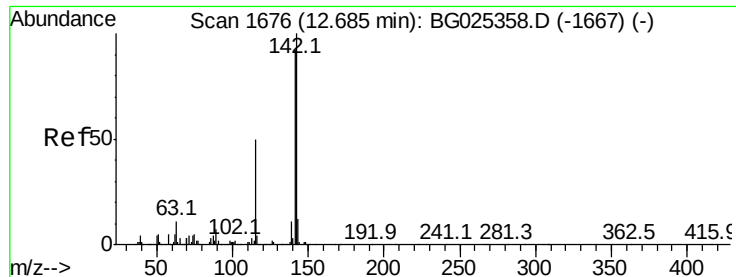


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

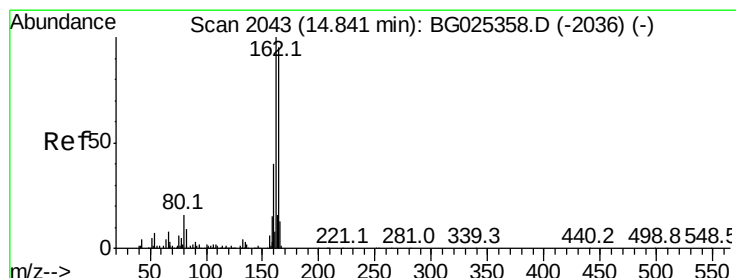
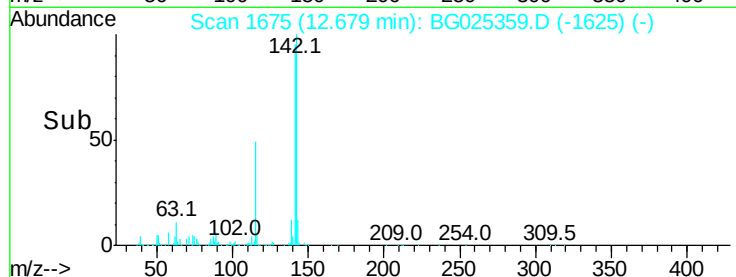
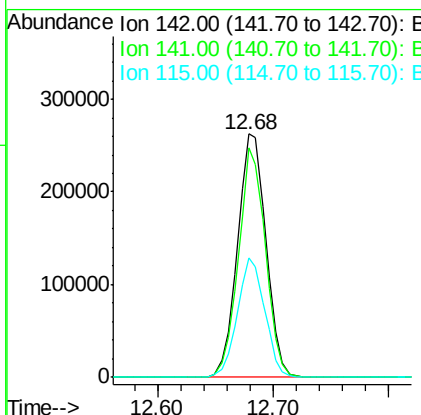
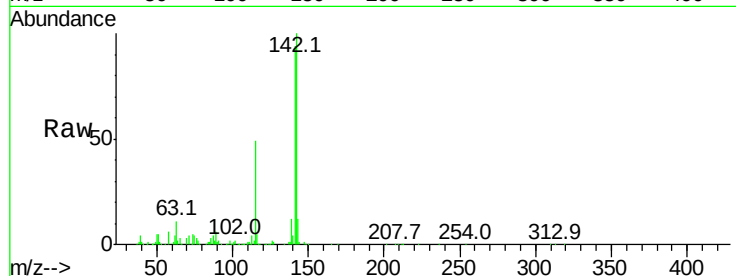




#37
2-Methylnaphthalene
Concen: 52.44 ng
RT: 12.68 min Scan# 1675
Delta R.T. -0.01 min
Lab File: BG025359.D
Acq: 21 Dec 2016 16:00

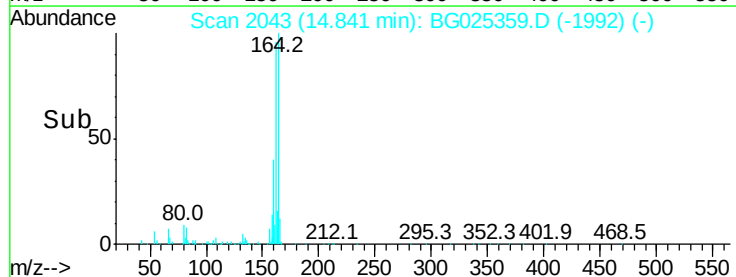
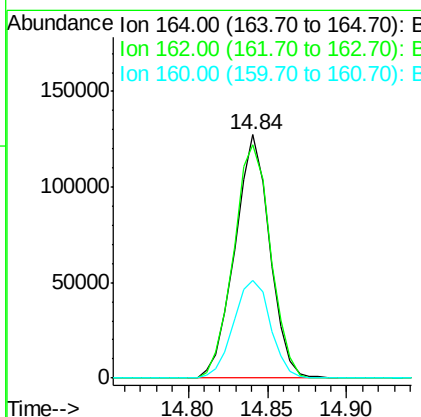
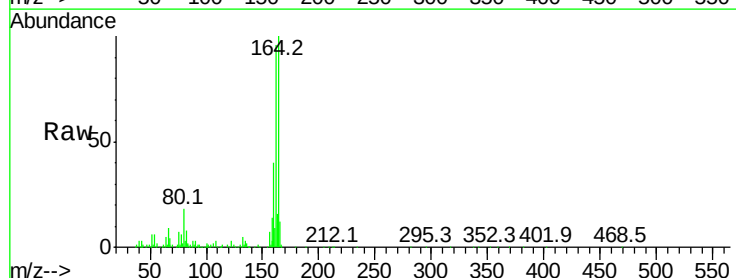
Instrument :
BNA_G
ClientSampleId :

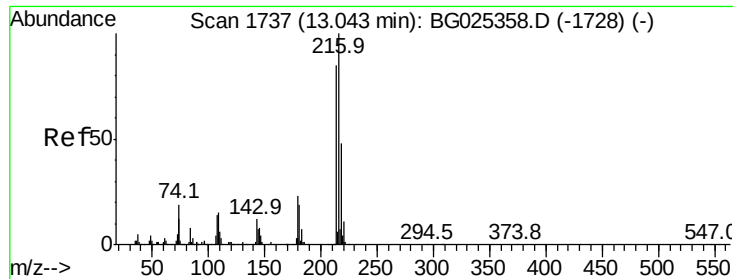
Tot Ion	Ratio	Lower	Upper
142	100		
141	94.2	70.4	105.6
115	49.0	35.5	53.3



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.84 min Scan# 2043
Delta R.T. -0.00 min
Lab File: BG025359.D
Acq: 21 Dec 2016 16:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.0	85.1	127.7
160	40.1	34.7	52.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 47.65 ng

RT: 13.04 min Scan# 1737

Delta R.T. -0.00 min

Lab File: BG025359.D

Acq: 21 Dec 2016 16:00

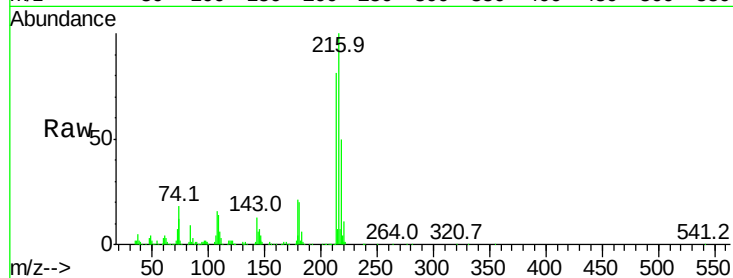
Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 311822

Ion	Ratio	Lower	Upper
216	100		
214	81.3	64.4	96.6
179	20.3	17.4	26.0
108	17.5	15.6	23.4

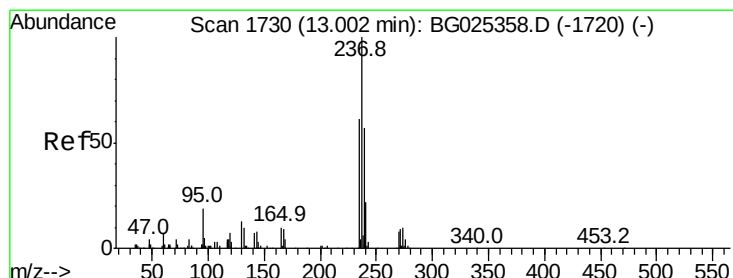
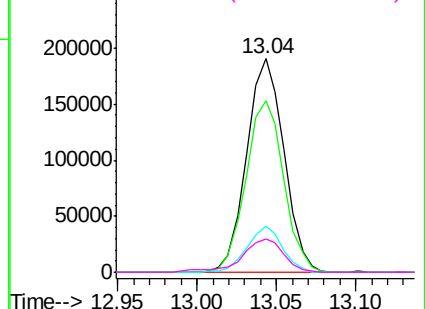
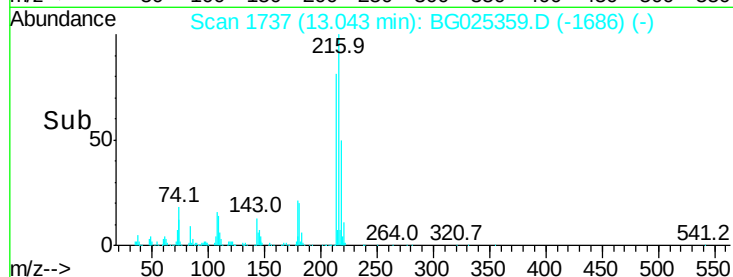


Abundance Ion 216.00 (215.70 to 216.70): E

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: 27.06 ng

RT: 13.00 min Scan# 1730

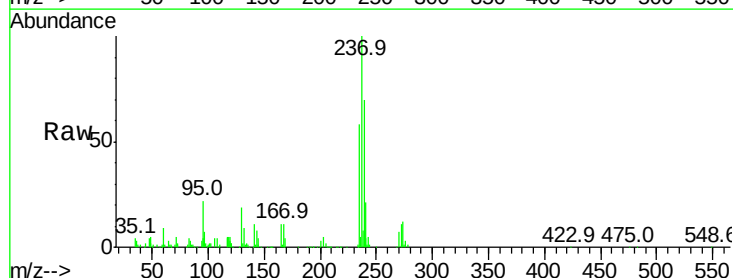
Delta R.T. -0.00 min

Lab File: BG025359.D

Acq: 21 Dec 2016 16:00

Tgt Ion:237 Resp: 99724

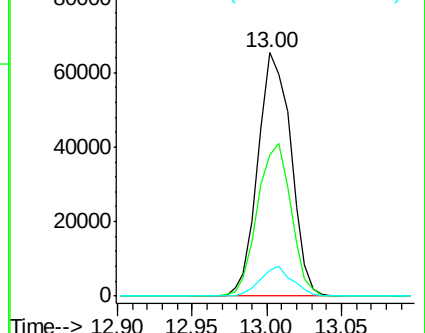
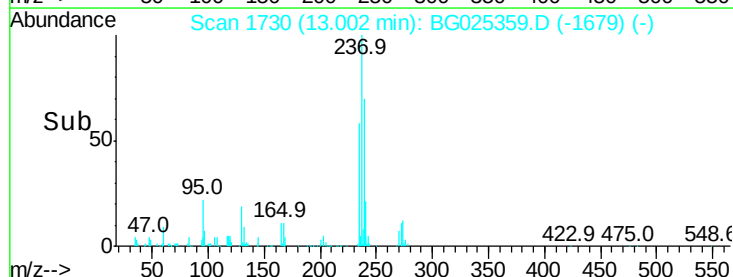
Ion	Ratio	Lower	Upper
237	100		
235	57.9	39.4	79.4
272	10.9	0.0	32.0

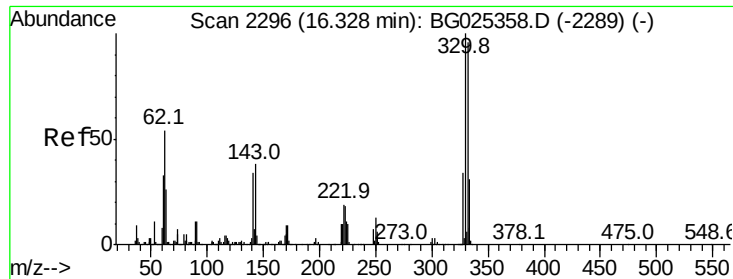


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

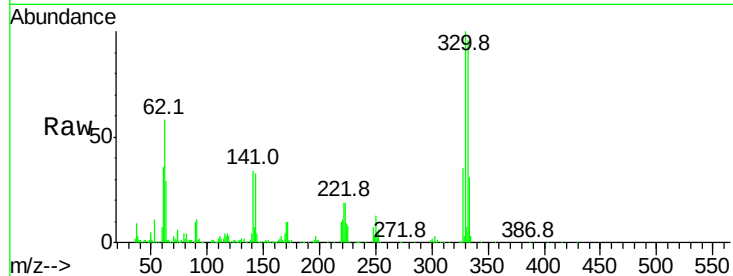




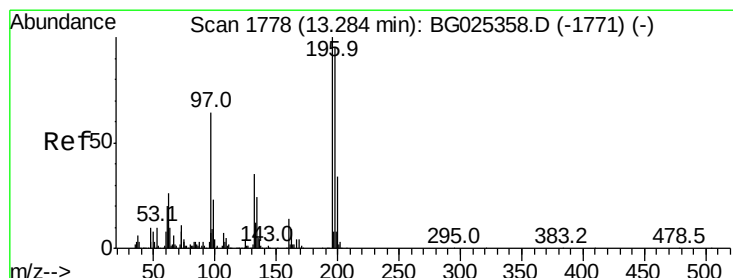
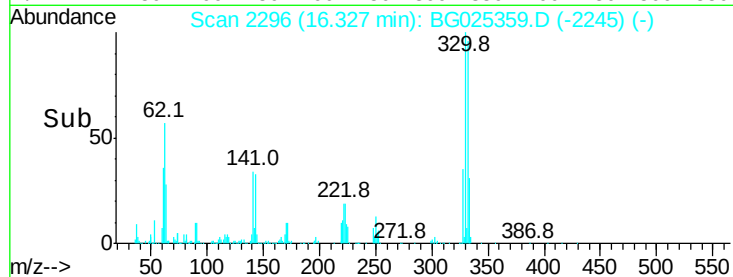
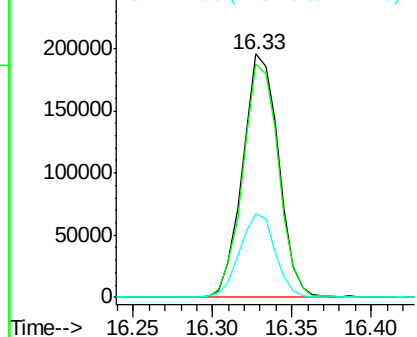
#41
 2,4,6-Tribromophenol
 Concen: 106.07 ng
 RT: 16.33 min Scan# 2296
 Delta R.T. -0.00 min
 Lab File: BG025359.D
 Acq: 21 Dec 2016 16:00

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.3	115.9
141	34.0	32.1	48.1

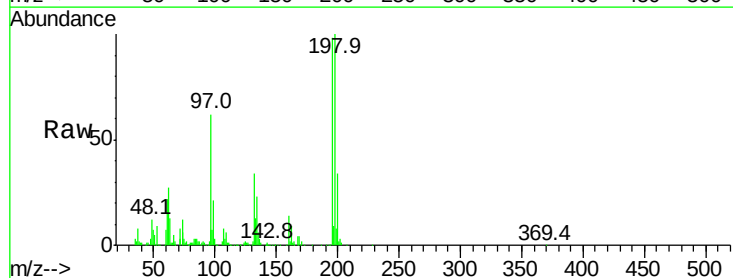


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

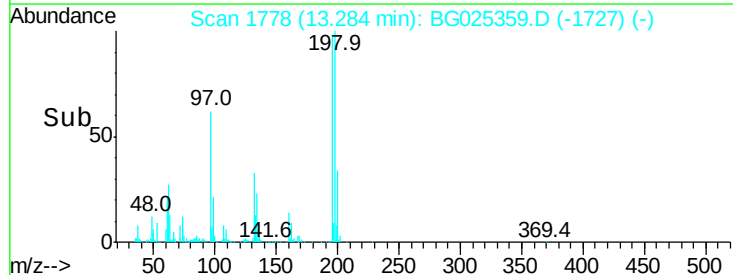
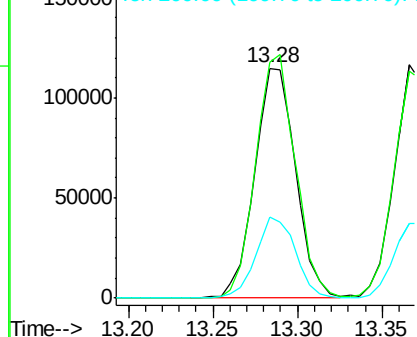


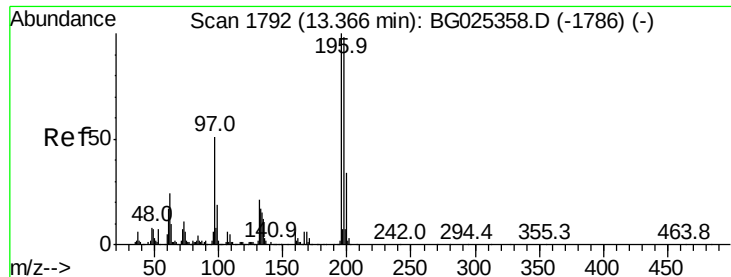
#42
 2,4,6-Trichlorophenol
 Concen: 49.20 ng
 RT: 13.28 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: BG025359.D
 Acq: 21 Dec 2016 16:00

Tgt Ion	Ratio	Lower	Upper
196	100		
198	102.5	81.4	122.2
200	35.2	27.0	40.6



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

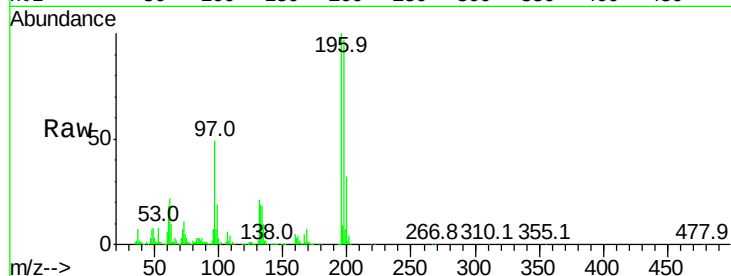




#43
2,4,5-Trichlorophenol
Concen: 47.39 ng
RT: 13.37 min Scan# 1792
Delta R.T. -0.00 min
Lab File: BG025359.D
Acq: 21 Dec 2016 16:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.3	79.9	119.9
97	48.7	45.4	68.0
132	21.1	20.7	31.1



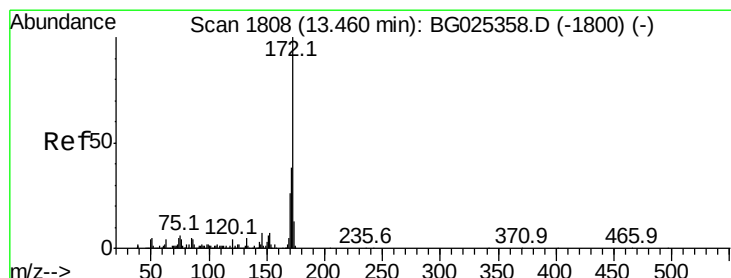
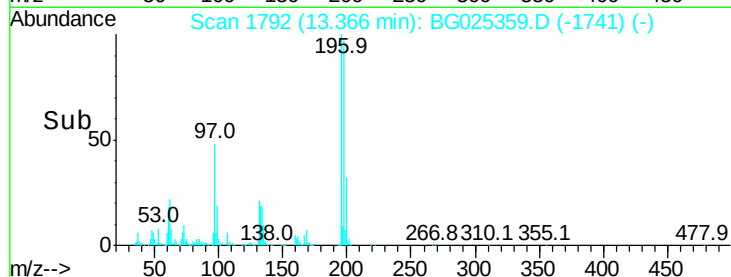
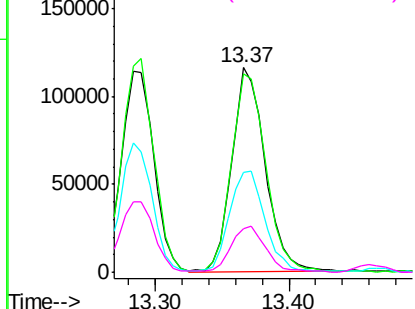
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

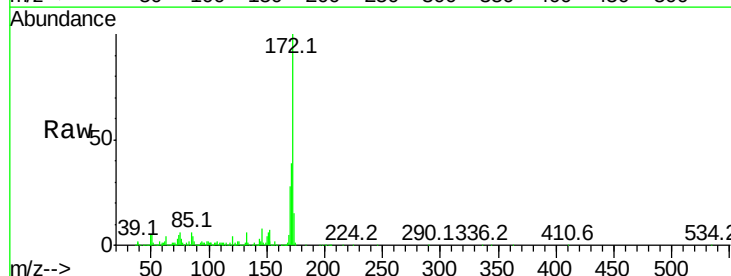
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 98.03 ng
RT: 13.46 min Scan# 1808
Delta R.T. -0.00 min
Lab File: BG025359.D
Acq: 21 Dec 2016 16:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.4	32.2	48.2
170	27.5	21.8	32.6

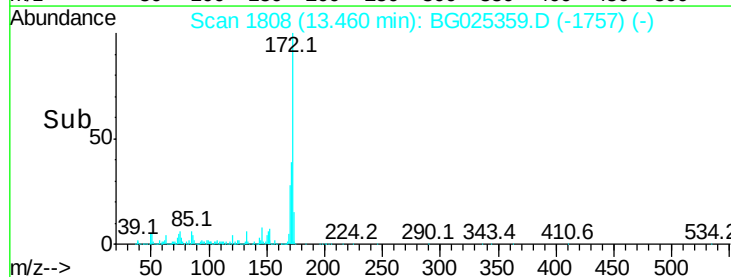
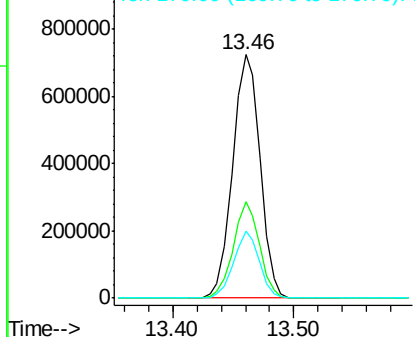


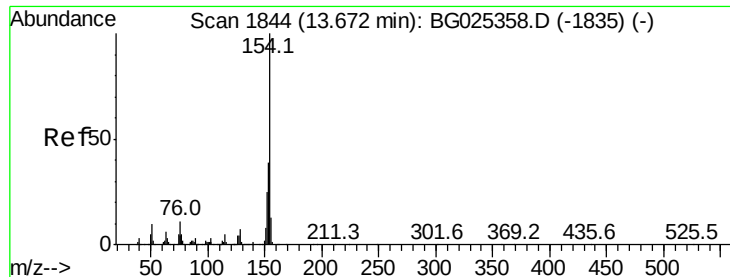
Abundance

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: 46.43 ng

RT: 13.67 min Scan# 1844

Delta R.T. -0.00 min

Lab File: BG025359.D

Acq: 21 Dec 2016 16:00

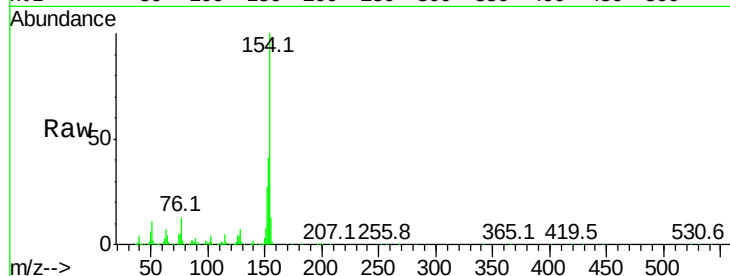
Instrument :

BNA_G

ClientSampled :

Tot Ion:154 Resp: 625120

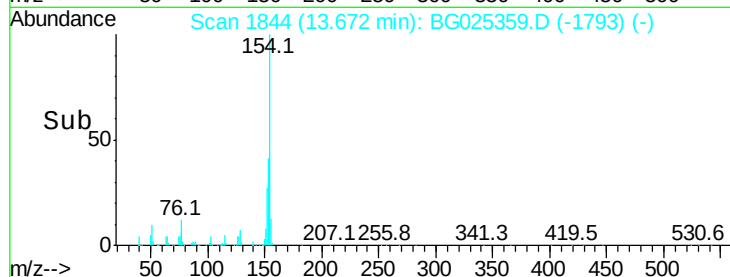
Ion	Ratio	Lower	Upper
154	100		
153	40.9	23.0	63.0
76	12.7	0.0	33.5



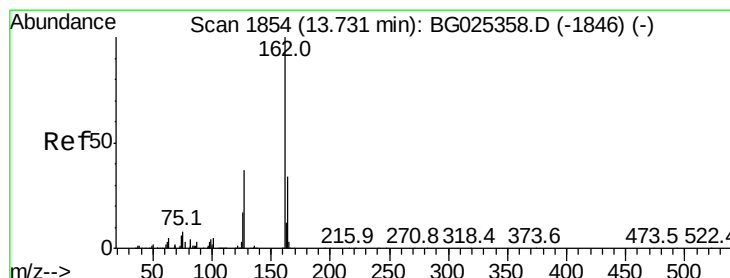
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): B



Time-->



#46

2-Chloronaphthalene

Concen: 48.11 ng

RT: 13.73 min Scan# 1854

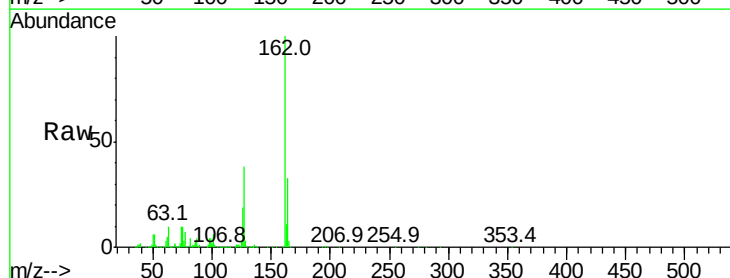
Delta R.T. -0.00 min

Lab File: BG025359.D

Acq: 21 Dec 2016 16:00

Tgt Ion:162 Resp: 493263

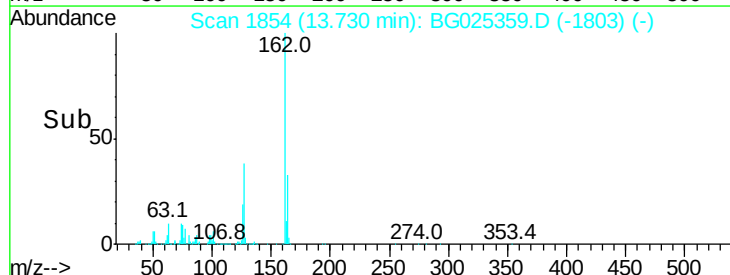
Ion	Ratio	Lower	Upper
162	100		
127	38.4	32.2	48.4
164	33.2	27.3	40.9



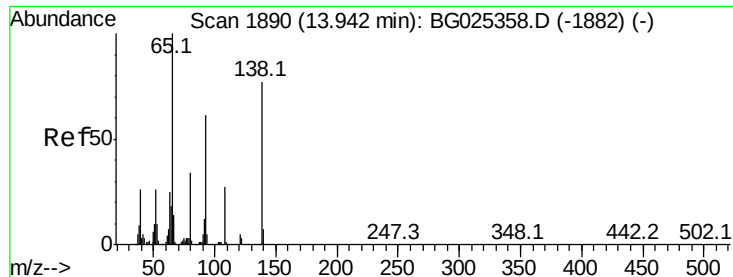
Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



Time-->



#47

2-Nitroaniline

Concen: 52.51 ng

RT: 13.94 min Scan# 1890

Delta R.T. -0.00 min

Lab File: BG025359.D

Acq: 21 Dec 2016 16:00

Instrument :

BNA_G

ClientSampleId :

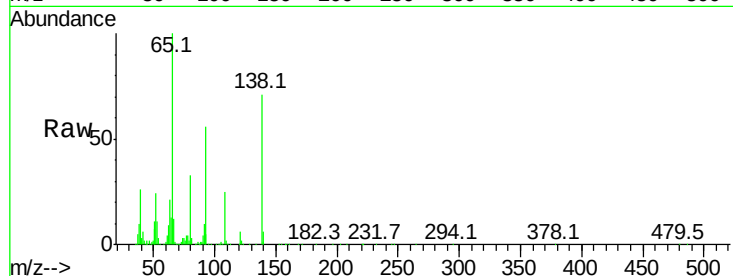
Tot Ion: 65 Resp: 220415

Ion	Ratio	Lower	Upper
65	100		
92	55.6	49.0	73.4
138	71.2	58.6	87.8

65 100

92 55.6 49.0 73.4

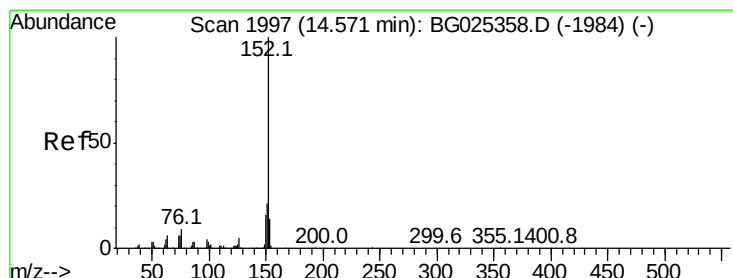
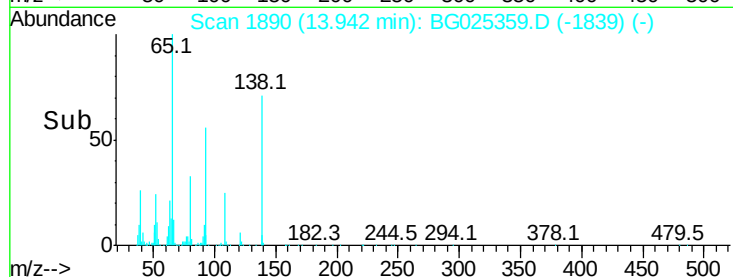
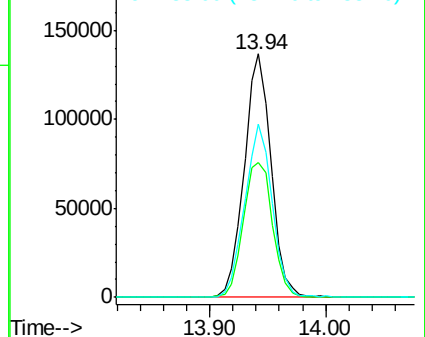
138 71.2 58.6 87.8



Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): BGC



#48

Acenaphthylene

Concen: 49.34 ng

RT: 14.57 min Scan# 1997

Delta R.T. -0.00 min

Lab File: BG025359.D

Acq: 21 Dec 2016 16:00

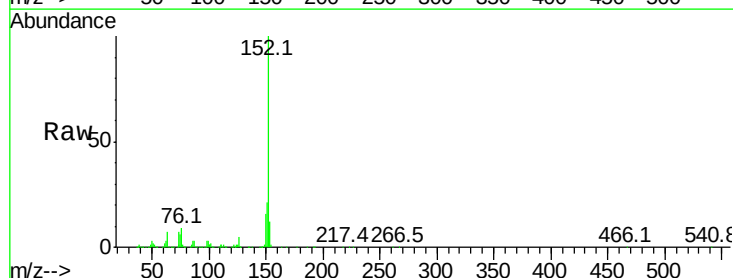
Tgt Ion: 152 Resp: 775678

Ion	Ratio	Lower	Upper
152	100		
151	20.8	18.2	27.2
153	12.2	11.3	16.9

152 100

151 20.8 18.2 27.2

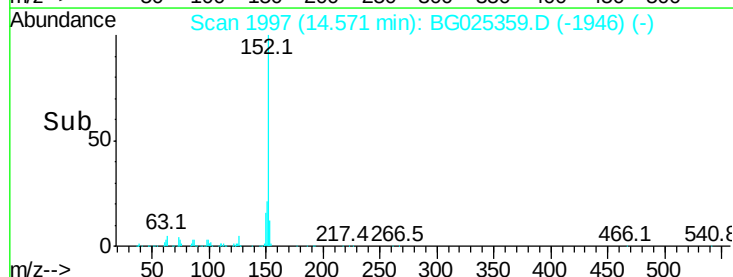
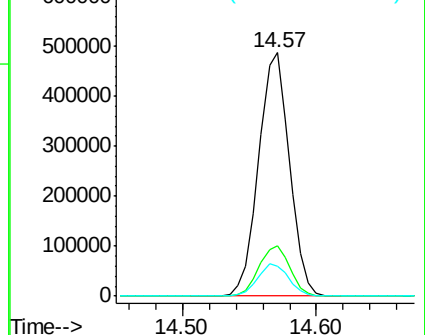
153 12.2 11.3 16.9

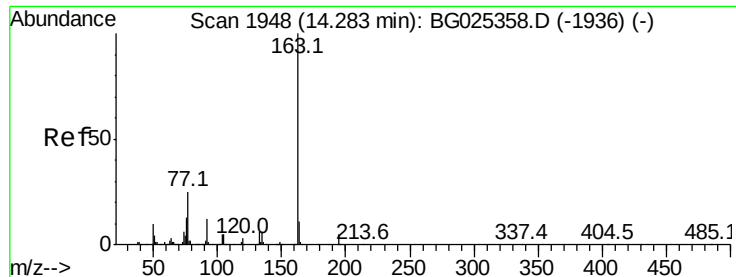


Abundance Ion 152.00 (151.70 to 152.70): BGC

Ion 151.00 (150.70 to 151.70): BGC

Ion 153.00 (152.70 to 153.70): BGC





#49

Dimethylphthalate

Concen: 49.99 ng

RT: 14.28 min Scan# 1948

Delta R.T. -0.00 min

Lab File: BG025359.D

Acq: 21 Dec 2016 16:00

Instrument :

BNA_G

ClientSampleId :

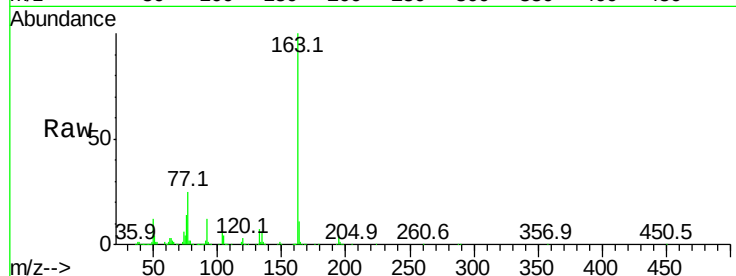
Tot Ion:163 Resp: 688633

Ion Ratio Lower Upper

163 100

194 4.4 3.8 5.6

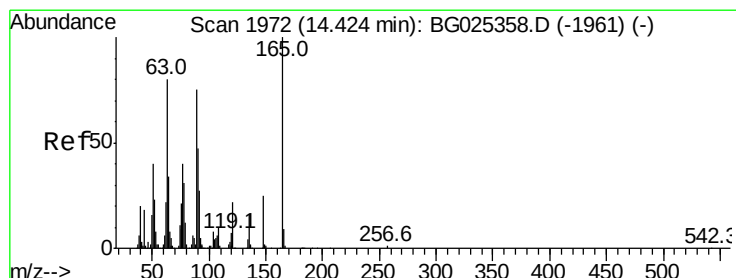
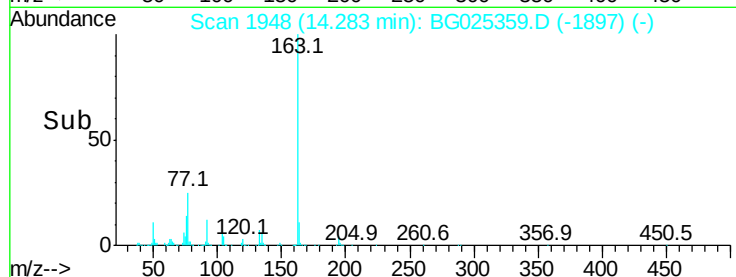
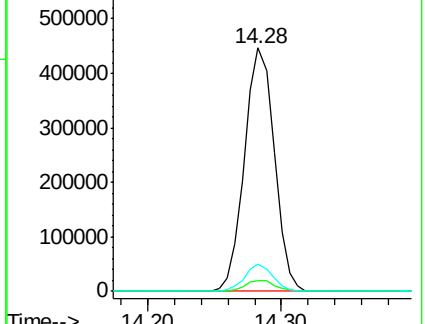
164 11.4 9.3 13.9



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: 51.87 ng

RT: 14.42 min Scan# 1972

Delta R.T. -0.00 min

Lab File: BG025359.D

Acq: 21 Dec 2016 16:00

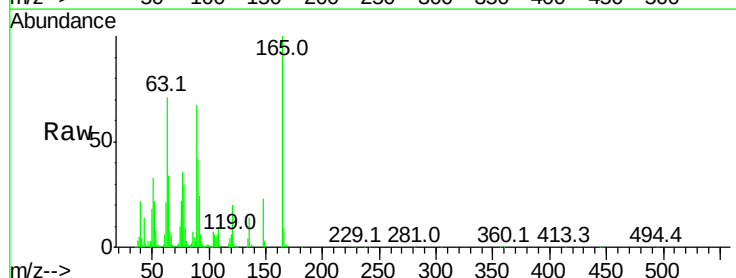
Tgt Ion:165 Resp: 152511

Ion Ratio Lower Upper

165 100

63 71.1 63.9 95.9

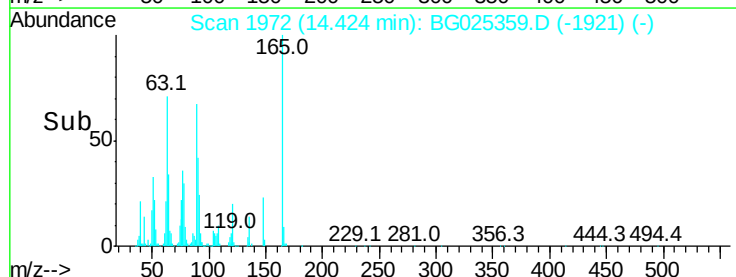
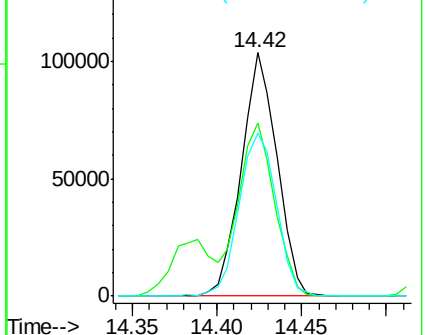
89 67.1 58.6 88.0

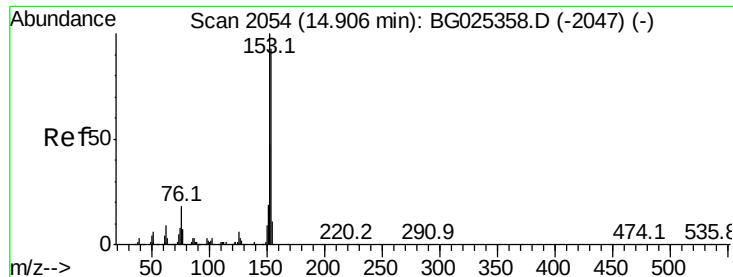


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 42.87 ng

RT: 14.91 min Scan# 2054

Delta R.T. -0.00 min

Lab File: BG025359.D

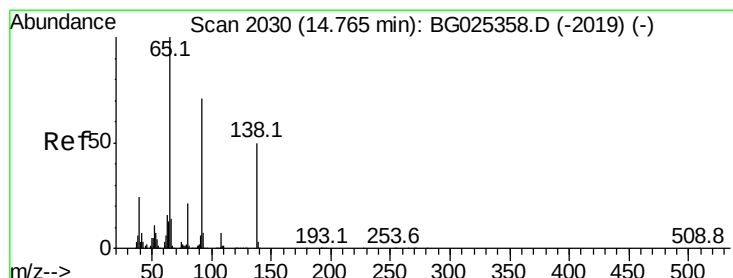
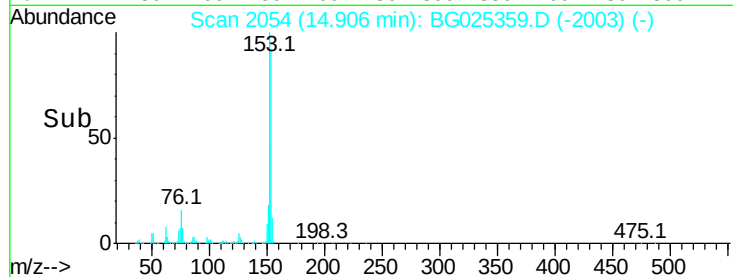
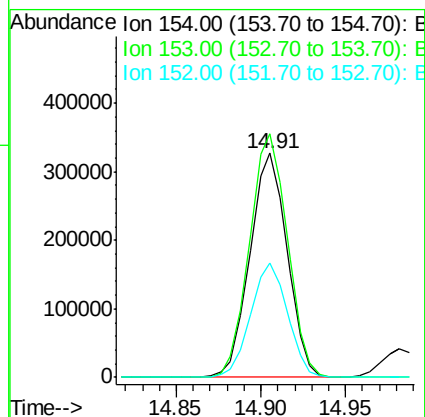
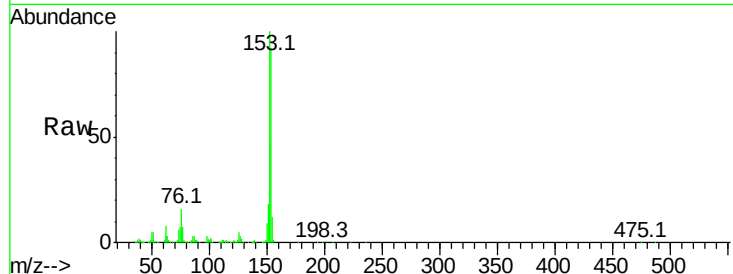
Acq: 21 Dec 2016 16:00

Instrument :

BNA_G

ClientSampleId :

Tot Ion:154	Resp:	502420
Ion	Ratio	Lower Upper
154	100	
153	108.8	87.8 131.6
152	51.2	42.2 63.4



#52

3-Nitroaniline

Concen: 48.35 ng

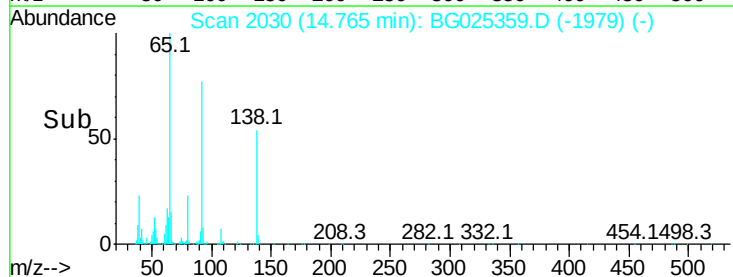
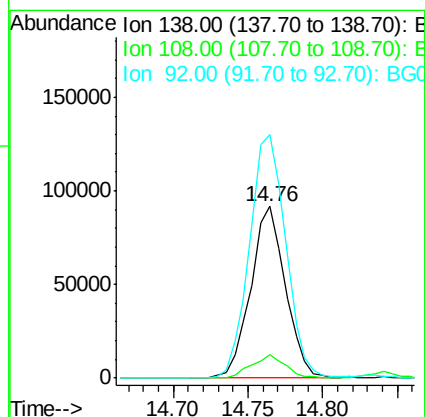
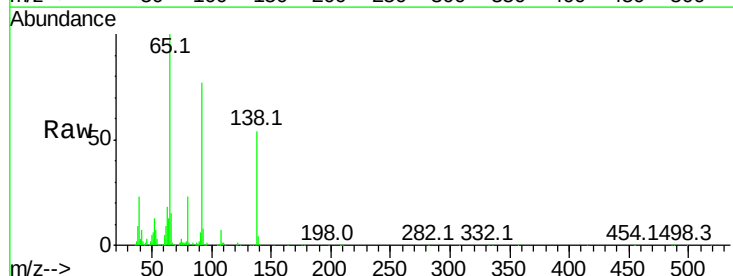
RT: 14.76 min Scan# 2030

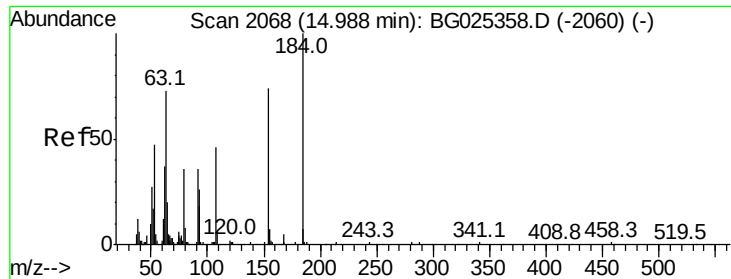
Delta R.T. -0.00 min

Lab File: BG025359.D

Acq: 21 Dec 2016 16:00

Tgt Ion:138	Resp:	147127
Ion	Ratio	Lower Upper
138	100	
108	13.6	10.9 16.3
92	142.1	115.3 172.9

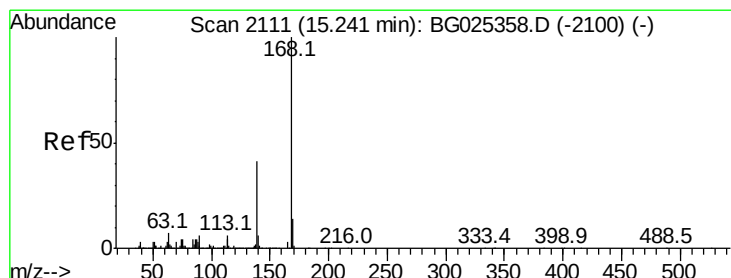
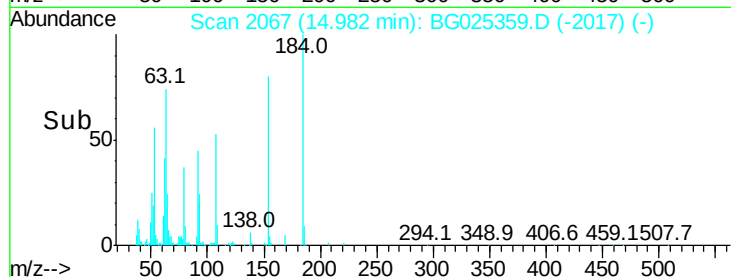
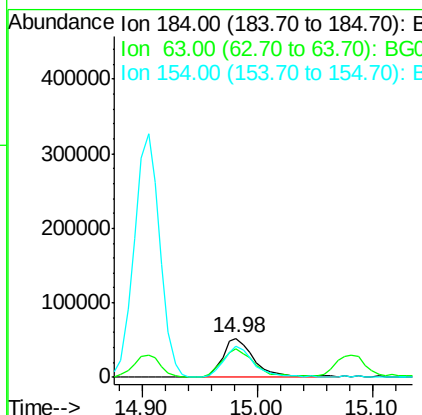
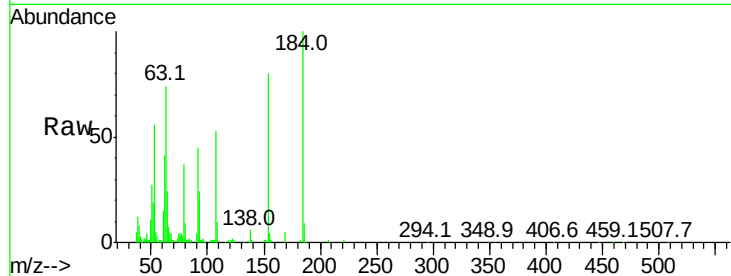




#53
2,4-Dinitrophenol
Concen: 46.74 ng
RT: 14.98 min Scan# 2067
Delta R.T. -0.01 min
Lab File: BG025359.D
Acq: 21 Dec 2016 16:00

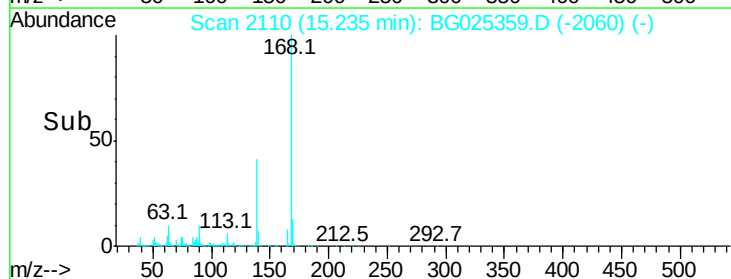
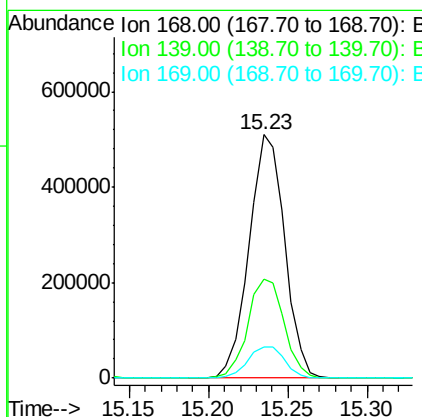
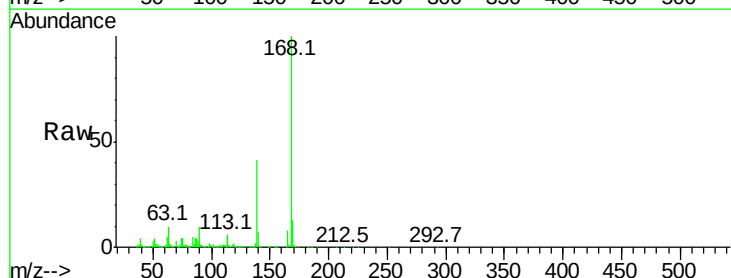
Instrument :
BNA_G
ClientSampleId :

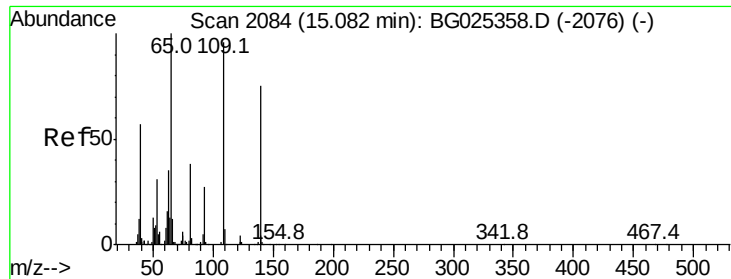
Tot Ion	Ratio	Lower	Upper
184	100		
63	74.5	52.7	79.1
154	80.0	57.3	85.9



#54
Dibenzofuran
Concen: 49.19 ng
RT: 15.23 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BG025359.D
Acq: 21 Dec 2016 16:00

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.7	35.3	52.9
169	12.6	11.5	17.3

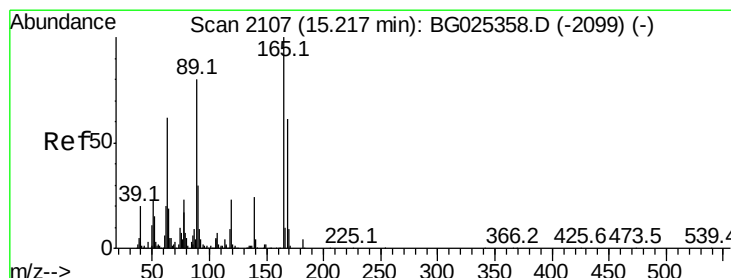
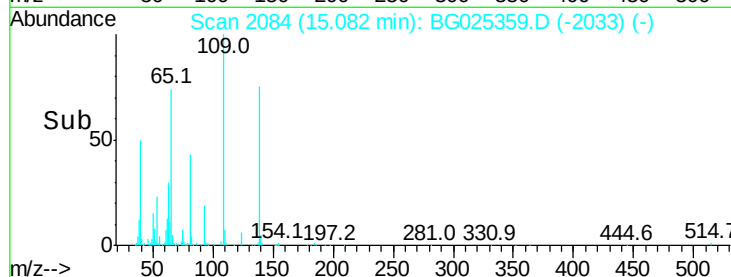
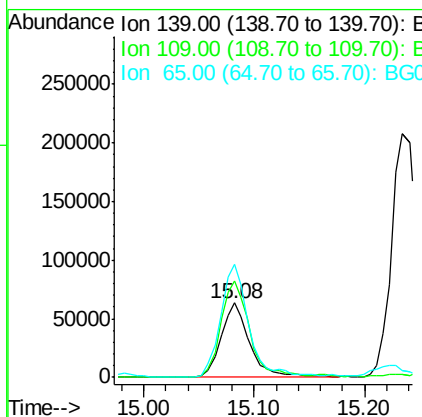
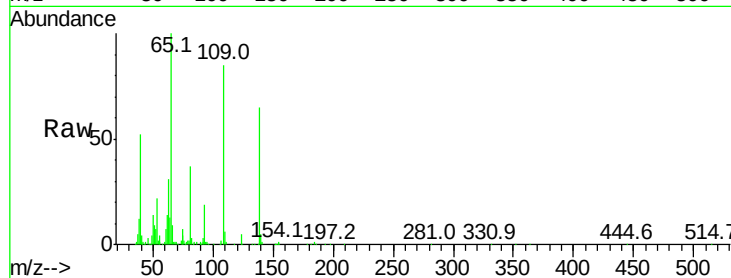




#55
4-Nitrophenol
Concen: 43.38 ng
RT: 15.08 min Scan# 2084
Delta R.T. -0.00 min
Lab File: BG025359.D
Acq: 21 Dec 2016 16:00

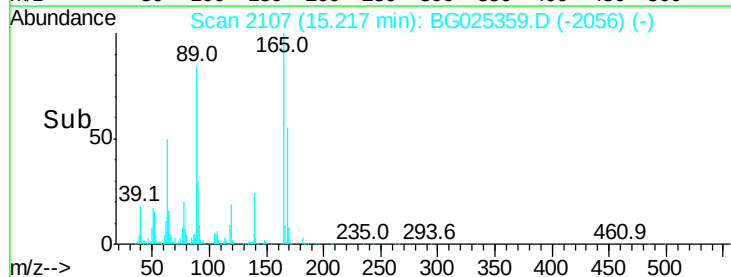
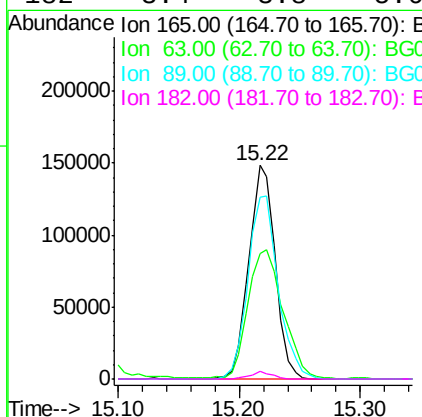
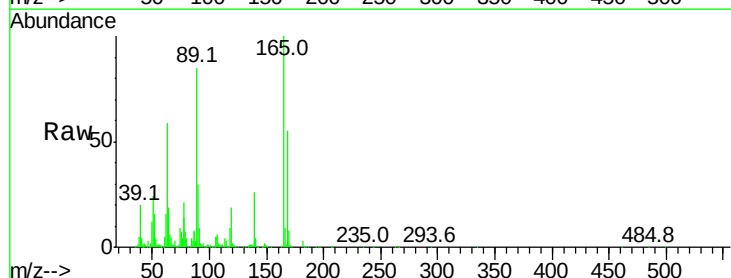
Instrument :
BNA_G
ClientSampleId :

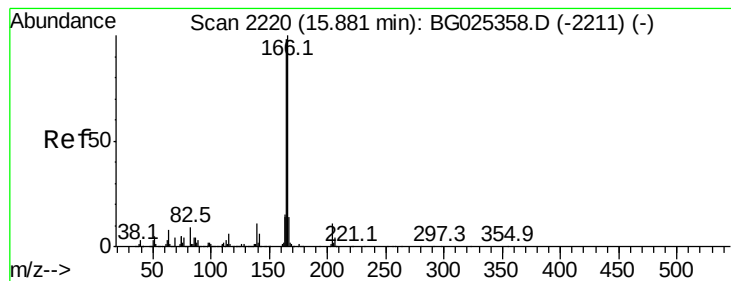
Tot Ion	Ratio	Lower	Upper
139	100		
109	130.0	101.2	141.2
65	153.1	135.3	175.3



#56
2,4-Dinitrotoluene
Concen: 53.04 ng
RT: 15.22 min Scan# 2107
Delta R.T. -0.00 min
Lab File: BG025359.D
Acq: 21 Dec 2016 16:00

Tgt Ion	Ratio	Lower	Upper
165	100		
63	58.8	44.0	66.0
89	85.2	67.3	100.9
182	3.4	3.8	5.6#





#57

Fluorene

Concen: 49.22 ng

RT: 15.89 min Scan# 2221

Delta R.T. 0.01 min

Lab File: BG025359.D

Acq: 21 Dec 2016 16:00

Instrument :

BNA_G

ClientSampled :

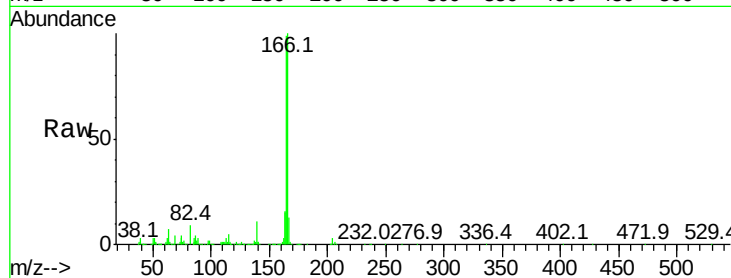
Tot Ion:166 Resp: 661434

Ion Ratio Lower Upper

166 100

165 99.3 78.6 117.8

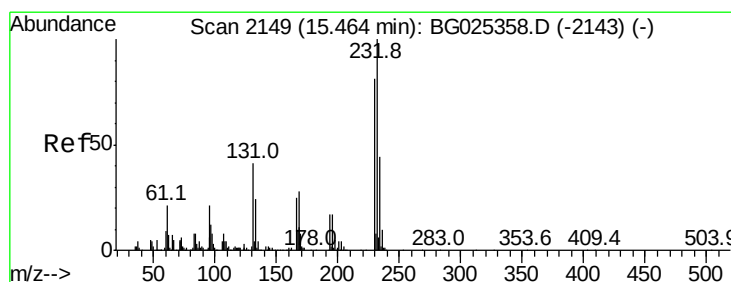
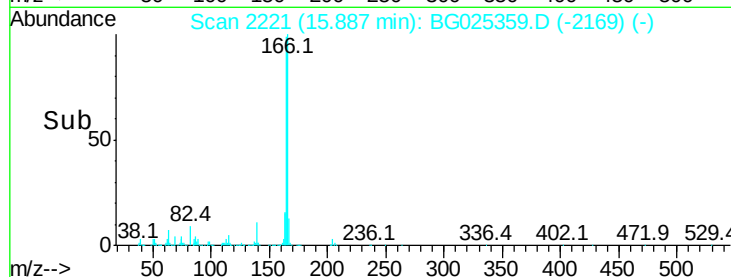
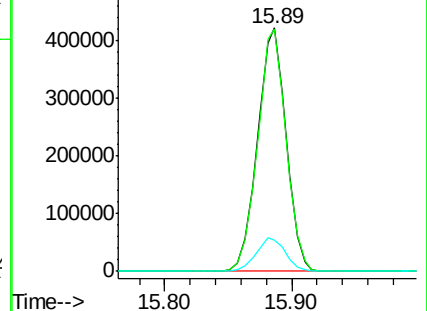
167 12.7 11.6 17.4



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 50.21 ng

RT: 15.47 min Scan# 2150

Delta R.T. 0.01 min

Lab File: BG025359.D

Acq: 21 Dec 2016 16:00

Tgt Ion:232 Resp: 221368

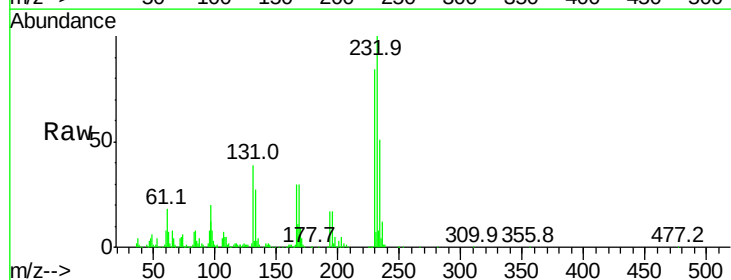
Ion Ratio Lower Upper

232 100

131 39.6 34.9 52.3

130 2.4 2.3 3.5

166 27.9 24.2 36.4

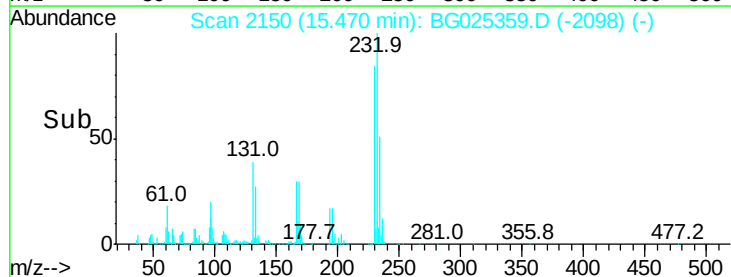
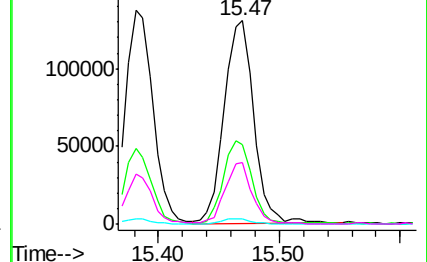


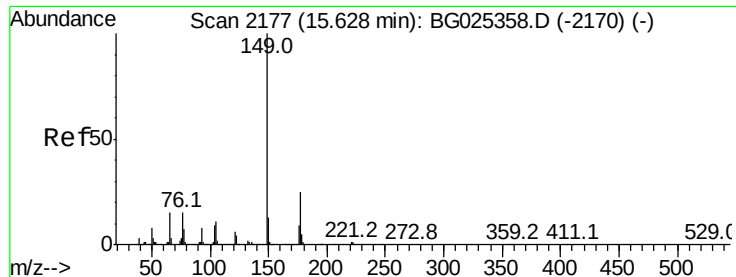
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 49.35 ng

RT: 15.63 min Scan# 2177

Delta R.T. -0.00 min

Lab File: BG025359.D

Acq: 21 Dec 2016 16:00

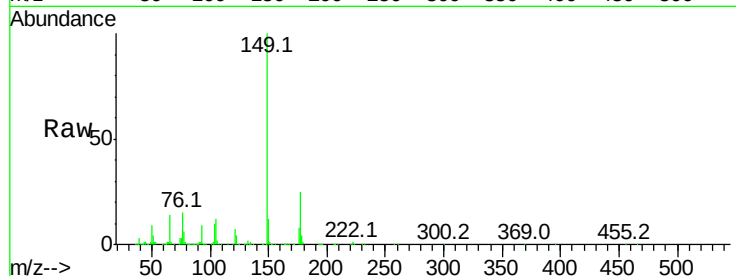
Instrument :

BNA_G

ClientSampleId :

Tot Ion:149 Resp: 712700

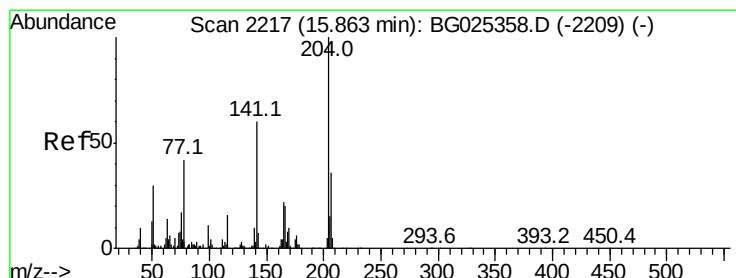
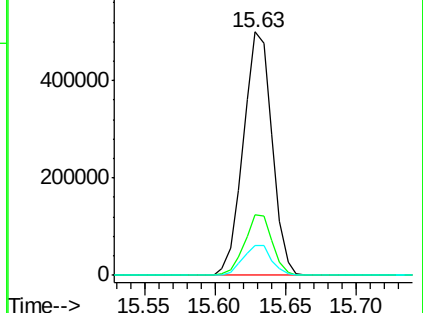
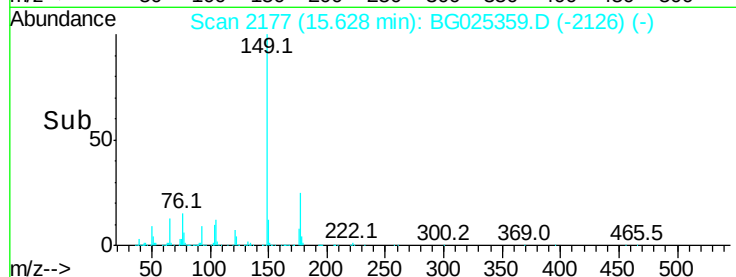
Ion	Ratio	Lower	Upper
149	100		
177	24.8	20.1	30.1
150	12.4	10.2	15.2



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: 50.08 ng

RT: 15.86 min Scan# 2217

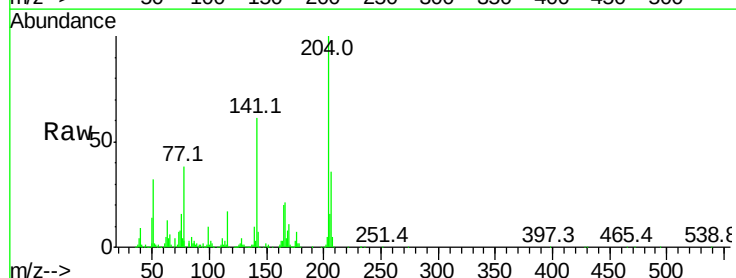
Delta R.T. -0.00 min

Lab File: BG025359.D

Acq: 21 Dec 2016 16:00

Tgt Ion:204 Resp: 377560

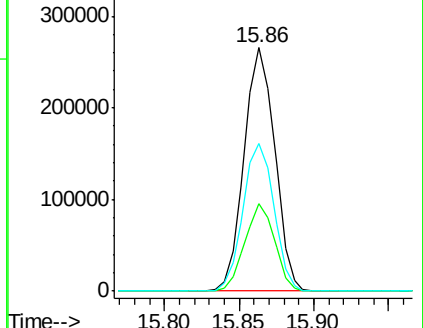
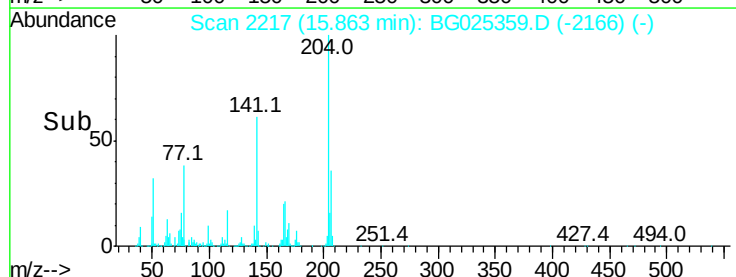
Ion	Ratio	Lower	Upper
204	100		
206	35.7	30.1	45.1
141	60.9	50.6	76.0

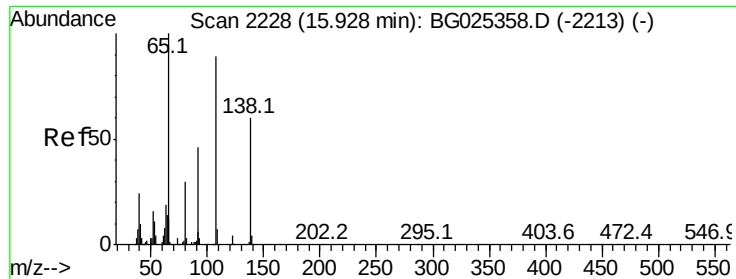


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

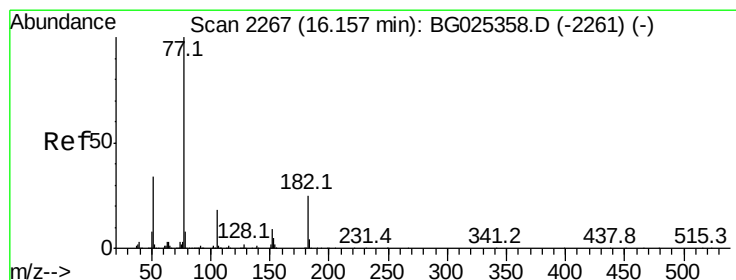
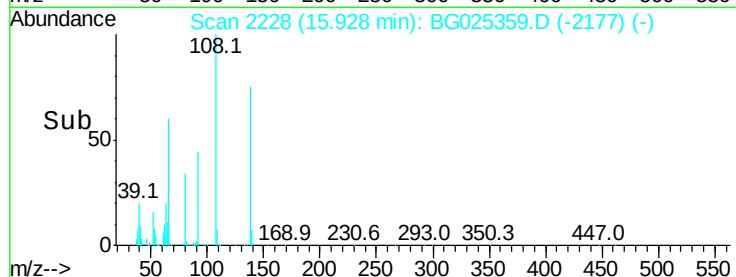
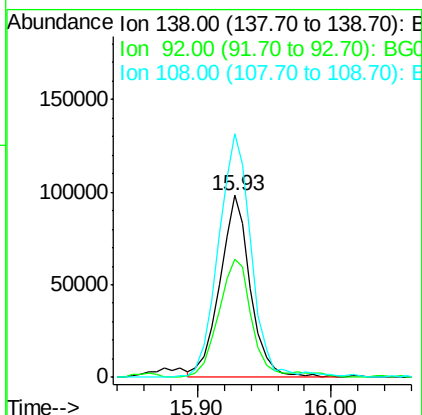
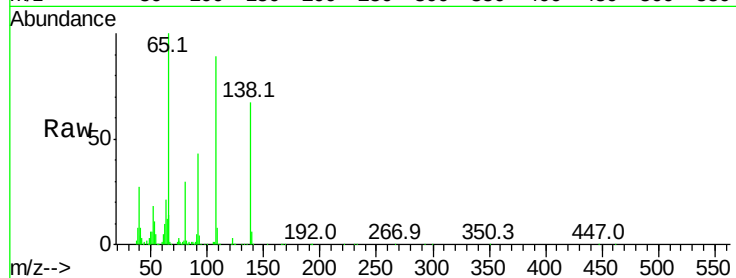




#61
4-Nitroaniline
Concen: 46.94 ng
RT: 15.93 min Scan# 2228
Delta R.T. -0.00 min
Lab File: BG025359.D
Acq: 21 Dec 2016 16:00

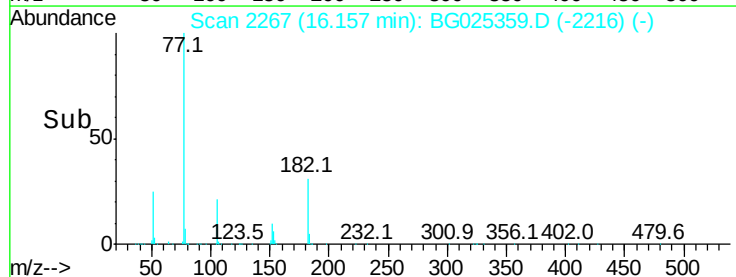
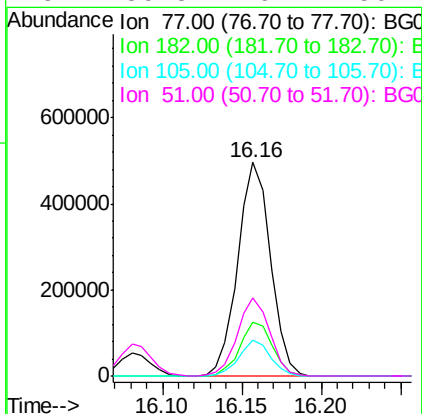
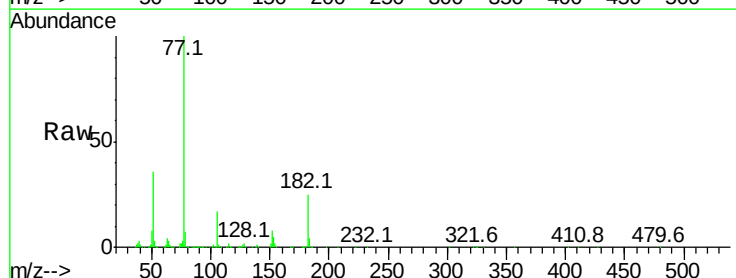
Instrument :
BNA_G
ClientSampleId :

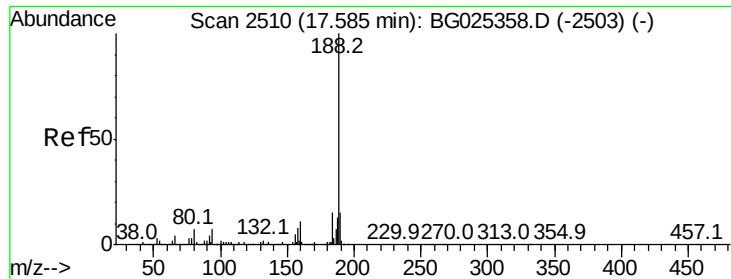
Tot Ion:138 Resp: 156048
Ion Ratio Lower Upper
138 100
92 64.8 44.2 84.2
108 133.8 104.8 144.8



#62
Azobenzene
Concen: 49.25 ng
RT: 16.16 min Scan# 2267
Delta R.T. -0.00 min
Lab File: BG025359.D
Acq: 21 Dec 2016 16:00

Tgt Ion: 77 Resp: 709387
Ion Ratio Lower Upper
77 100
182 25.2 4.7 44.7
105 17.0 0.0 36.3
51 36.3 16.4 56.4

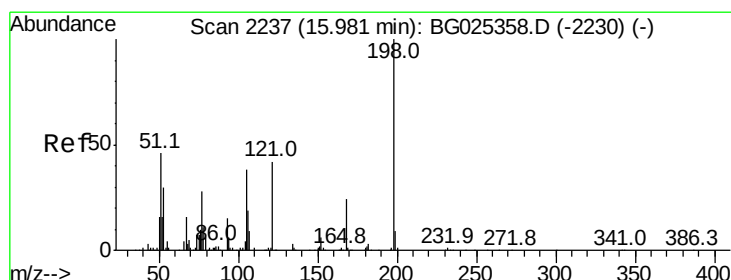
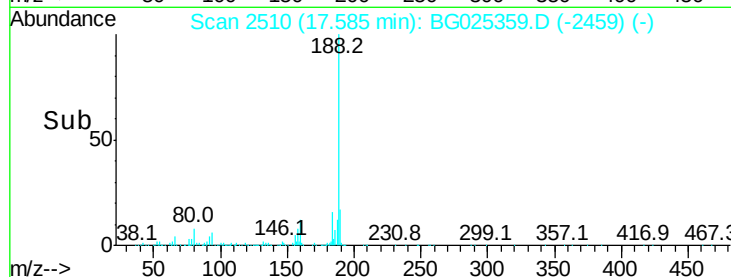
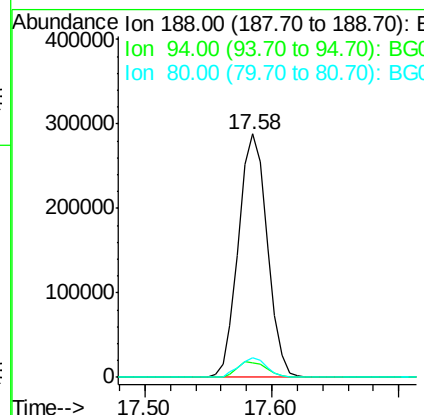
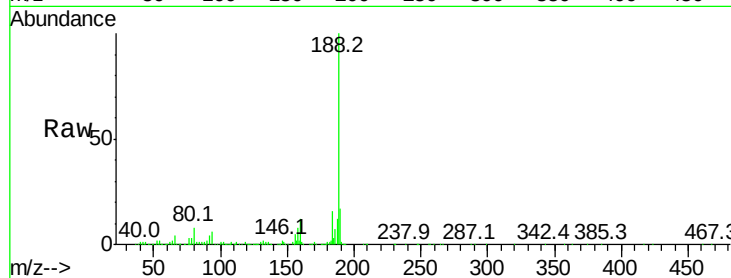




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.58 min Scan# 2510
 Delta R.T. -0.00 min
 Lab File: BG025359.D
 Acq: 21 Dec 2016 16:00

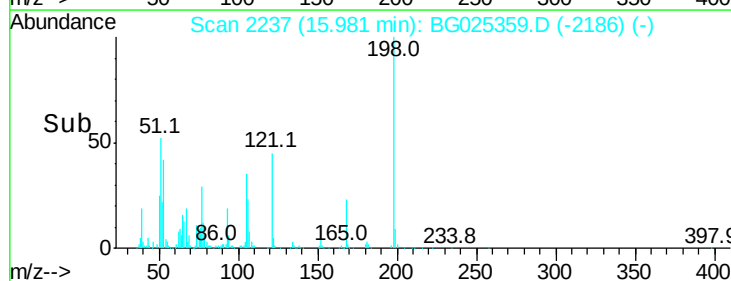
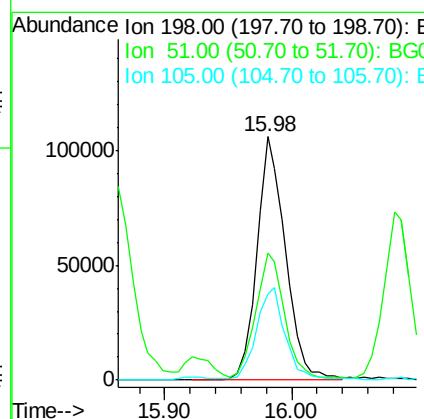
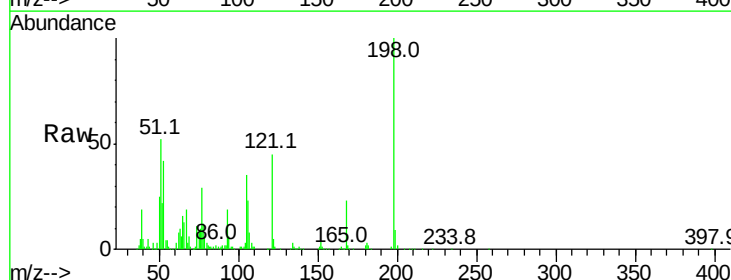
Instrument :
 BNA_G
 ClientSampleId :

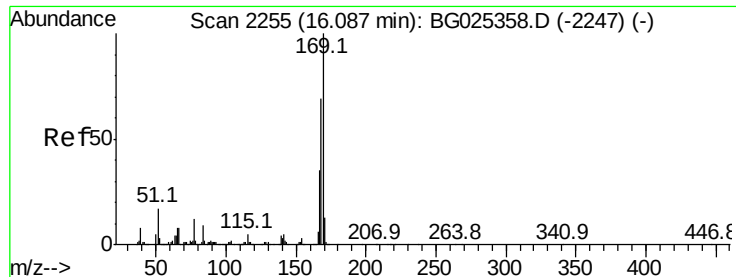
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.1	5.8	8.8
80	8.1	7.5	11.3



#64
 4,6-Dinitro-2-methylphenol
 Concen: 53.25 ng
 RT: 15.98 min Scan# 2237
 Delta R.T. -0.00 min
 Lab File: BG025359.D
 Acq: 21 Dec 2016 16:00

Tgt Ion	Ratio	Lower	Upper
198	100		
51	52.3	22.6	62.6
105	35.2	14.4	54.4





#65

n-Nitrosodiphenylamine

Concen: 48.55 ng

RT: 16.09 min Scan# 2255

Delta R.T. -0.00 min

Lab File: BG025359.D

Acq: 21 Dec 2016 16:00

Instrument :

BNA_G

ClientSampleId :

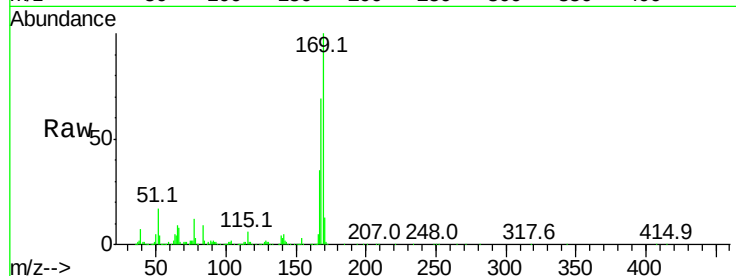
Tot Ion:169 Resp: 599733

Ion	Ratio	Lower	Upper
169	100		
168	69.1	55.7	83.5
167	35.4	29.8	44.6

169 100

168 69.1 55.7 83.5

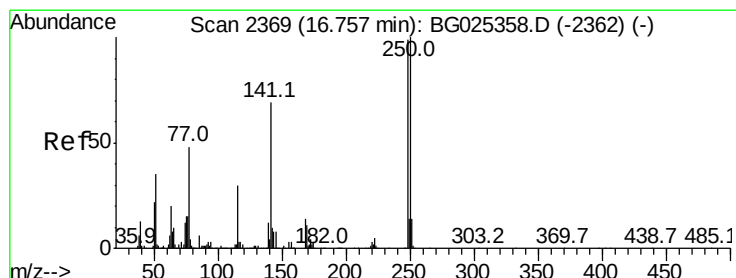
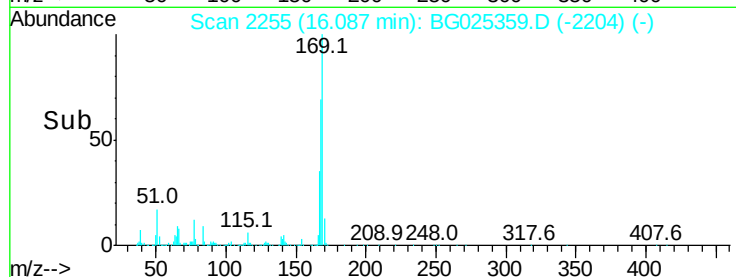
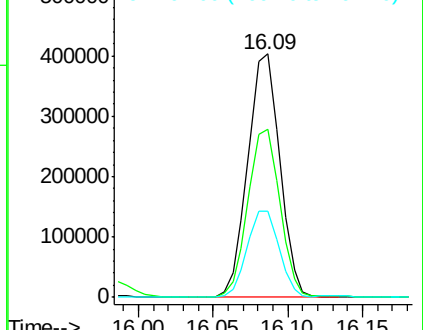
167 35.4 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 49.59 ng

RT: 16.76 min Scan# 2369

Delta R.T. -0.00 min

Lab File: BG025359.D

Acq: 21 Dec 2016 16:00

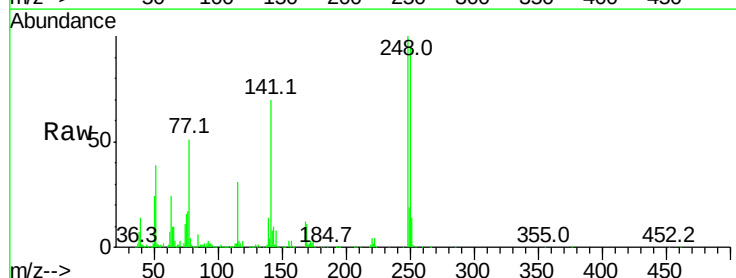
Tgt Ion:248 Resp: 272038

Ion	Ratio	Lower	Upper
248	100		
250	95.1	75.0	112.6
141	69.8	55.2	82.8

248 100

250 95.1 75.0 112.6

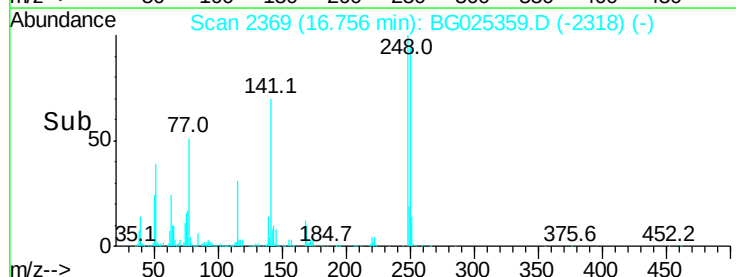
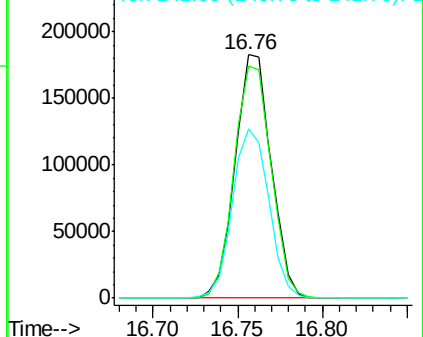
141 69.8 55.2 82.8

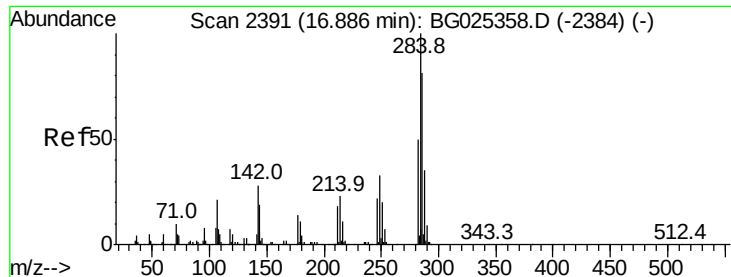


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 52.20 ng

RT: 16.89 min Scan# 2391

Delta R.T. -0.00 min

Lab File: BG025359.D

Acq: 21 Dec 2016 16:00

Instrument :

BNA_G

ClientSampleId :

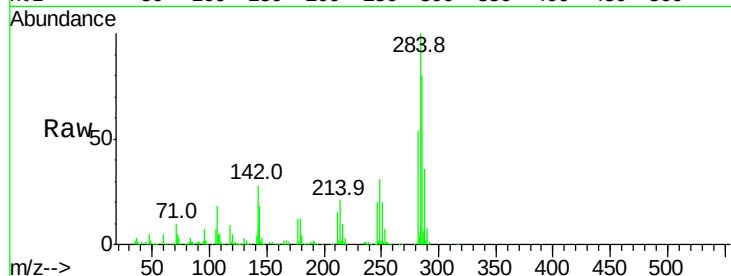
Tot Ion:284 Resp: 316419

Ion Ratio Lower Upper

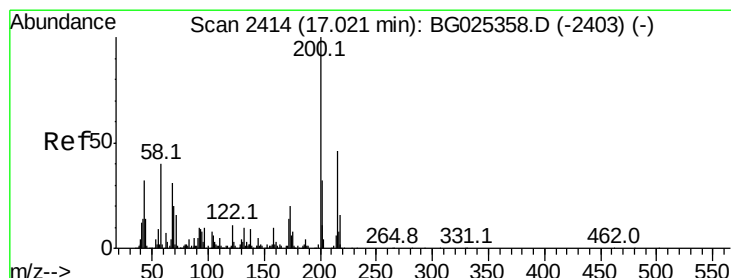
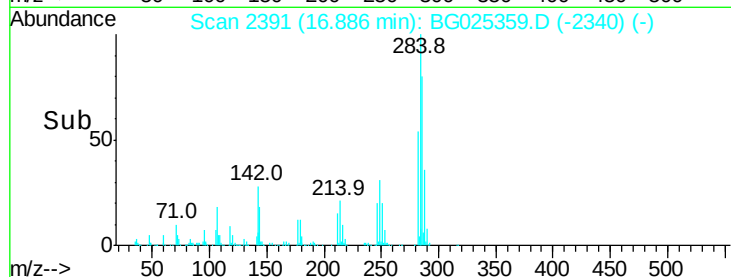
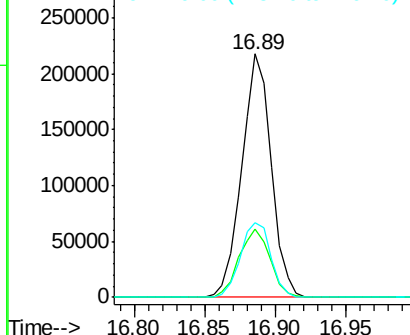
284 100

142 27.9 29.9 44.9#

249 30.9 29.2 43.8



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: 47.60 ng

RT: 17.02 min Scan# 2414

Delta R.T. -0.00 min

Lab File: BG025359.D

Acq: 21 Dec 2016 16:00

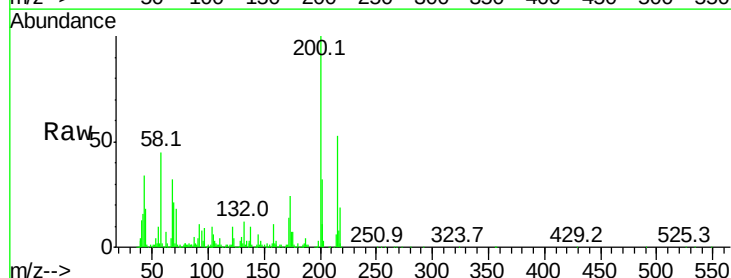
Tgt Ion:200 Resp: 252199

Ion Ratio Lower Upper

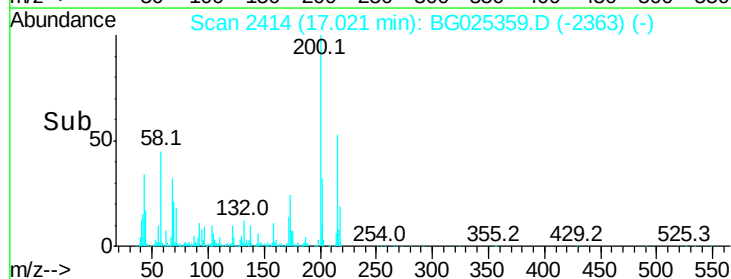
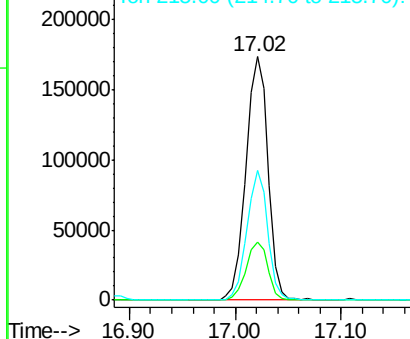
200 100

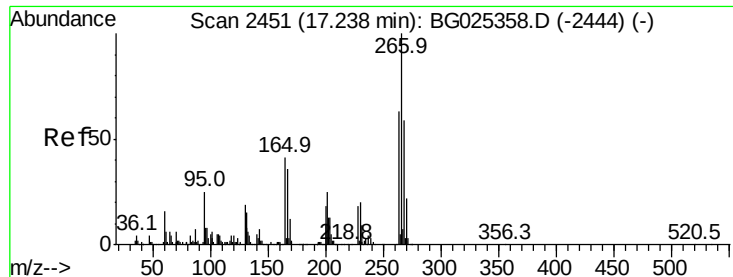
173 24.0 3.0 43.0

215 53.3 28.4 68.4



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: 43.48 ng

RT: 17.24 min Scan# 2451

Delta R.T. -0.00 min

Lab File: BG025359.D

Acq: 21 Dec 2016 16:00

Instrument :

BNA_G

ClientSampleId :

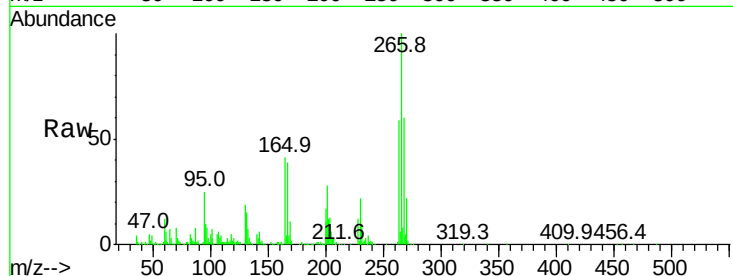
Tot Ion:266 Resp: 173918

Ion Ratio Lower Upper

266 100

268 59.7 48.6 72.8

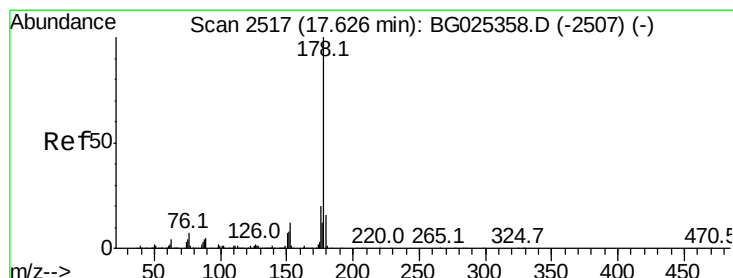
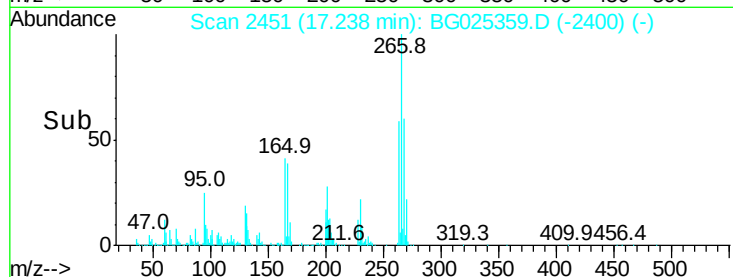
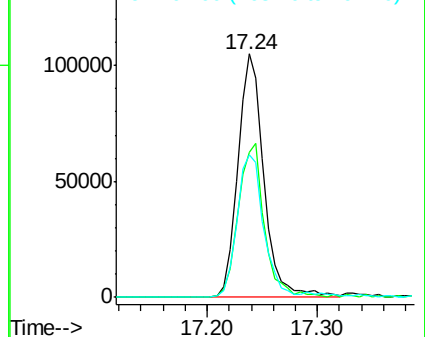
264 58.6 50.1 75.1



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: 48.92 ng

RT: 17.63 min Scan# 2518

Delta R.T. 0.01 min

Lab File: BG025359.D

Acq: 21 Dec 2016 16:00

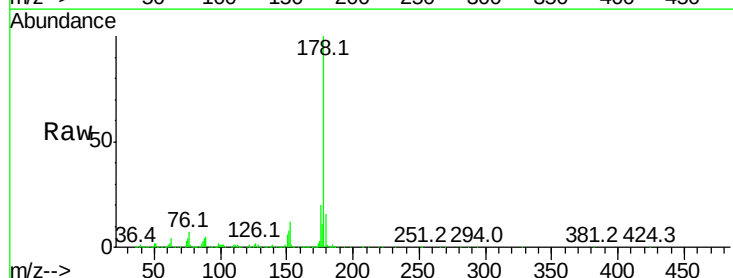
Tgt Ion:178 Resp: 1126695

Ion Ratio Lower Upper

178 100

176 20.4 17.7 26.5

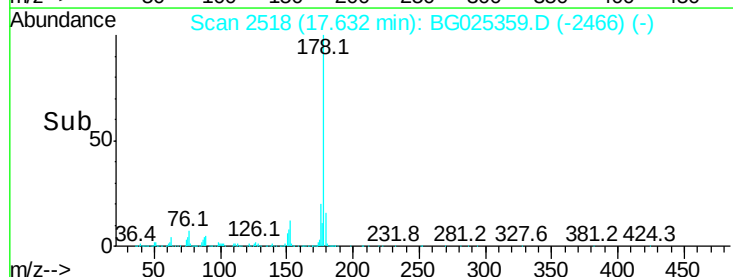
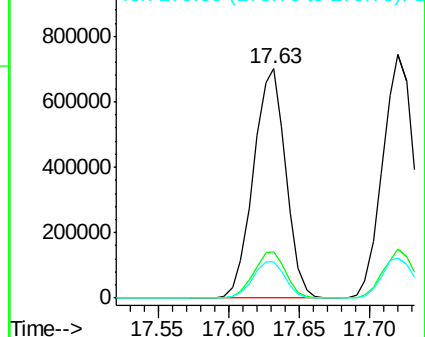
179 16.1 15.0 22.6

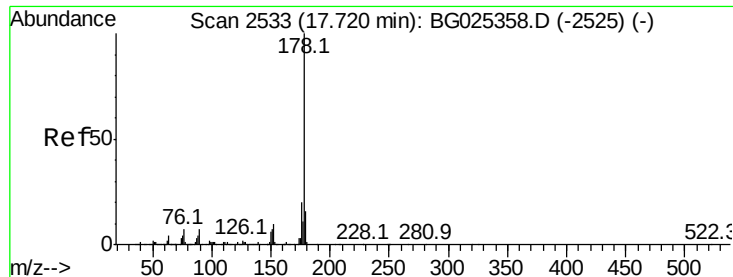


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 49.49 ng

RT: 17.72 min Scan# 2533

Delta R.T. -0.00 min

Lab File: BG025359.D

Acq: 21 Dec 2016 16:00

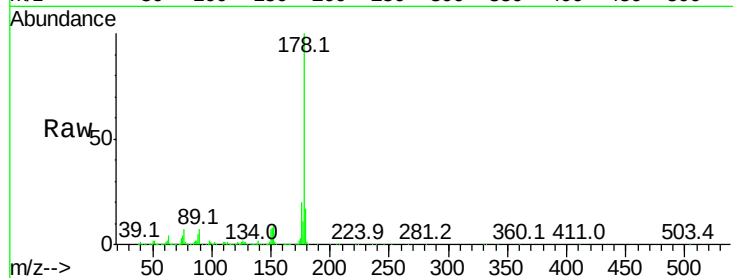
Instrument :

BNA_G

ClientSampled :

Tot Ion:178 Resp: 1150087

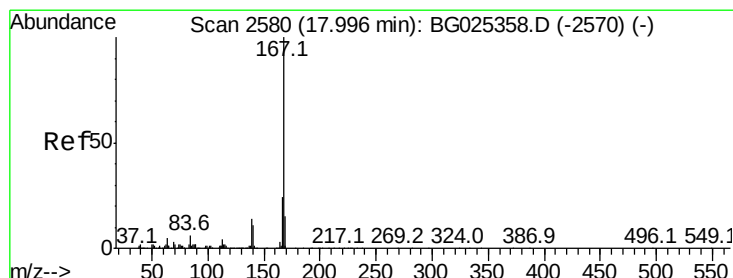
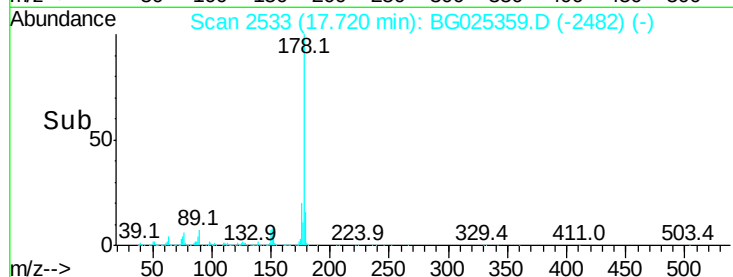
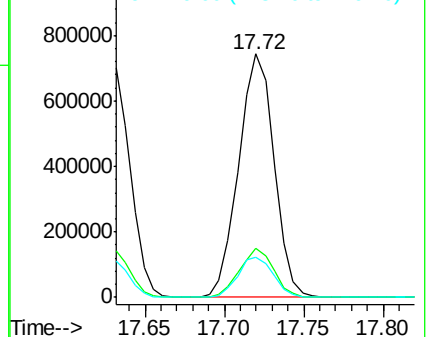
Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.4	24.6
179	16.5	13.8	20.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 48.86 ng

RT: 18.00 min Scan# 2580

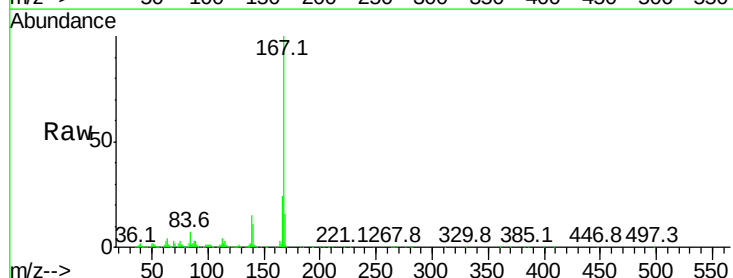
Delta R.T. -0.00 min

Lab File: BG025359.D

Acq: 21 Dec 2016 16:00

Tgt Ion:167 Resp: 1035426

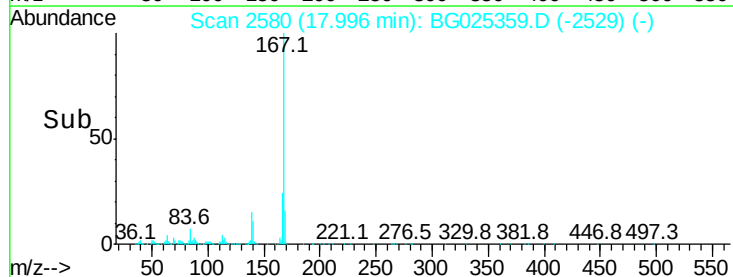
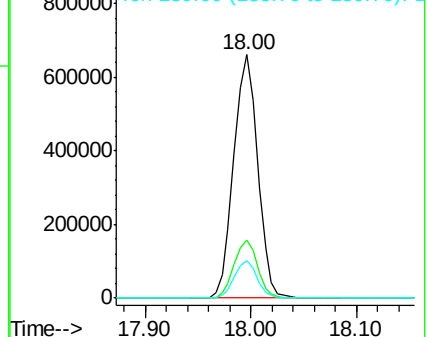
Ion	Ratio	Lower	Upper
167	100		
166	24.0	20.2	30.2
139	15.3	12.8	19.2

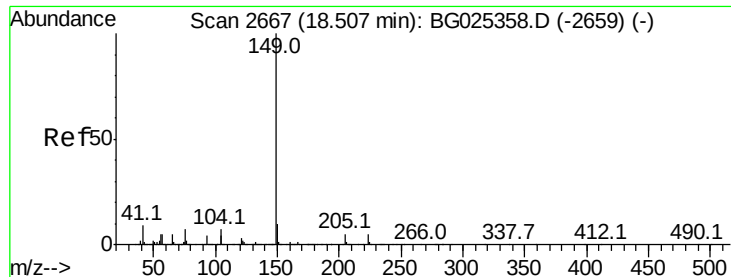


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 52.29 ng

RT: 18.51 min Scan# 2667

Delta R.T. -0.00 min

Lab File: BG025359.D

Acq: 21 Dec 2016 16:00

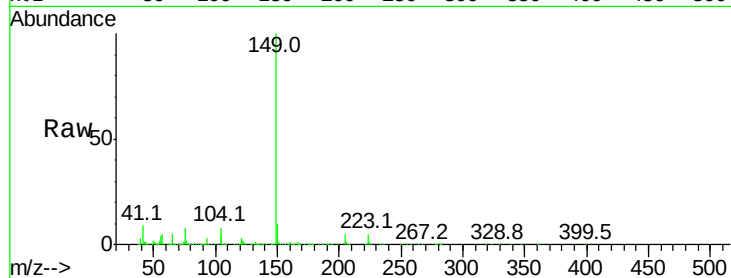
Instrument :

BNA_G

ClientSampleId :

Tot Ion:149 Resp: 1277600

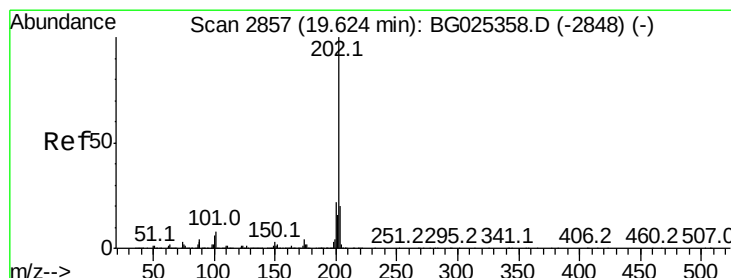
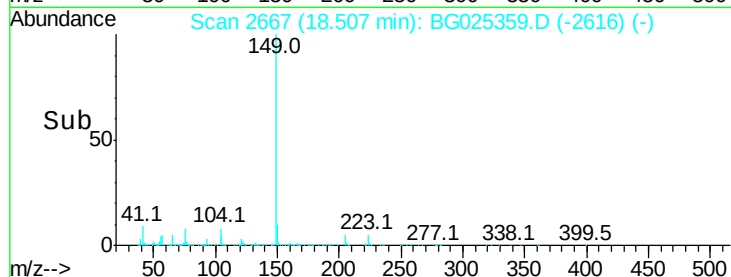
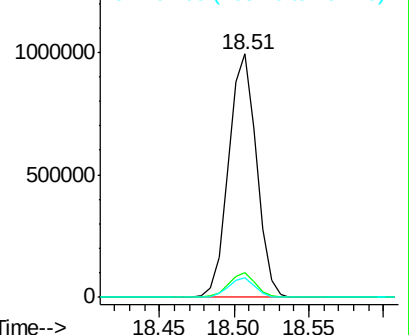
Ion	Ratio	Lower	Upper
149	100		
150	10.1	9.1	13.7
104	8.0	6.7	10.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 52.23 ng

RT: 19.62 min Scan# 2857

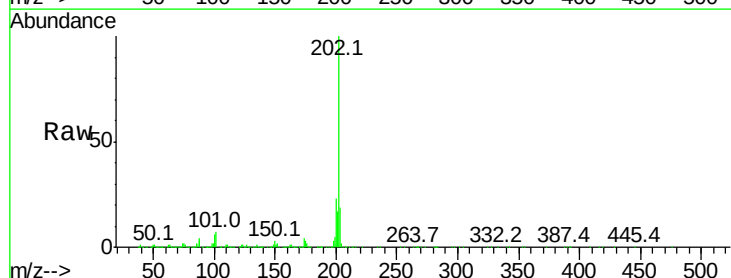
Delta R.T. -0.00 min

Lab File: BG025359.D

Acq: 21 Dec 2016 16:00

Tgt Ion:202 Resp: 1520625

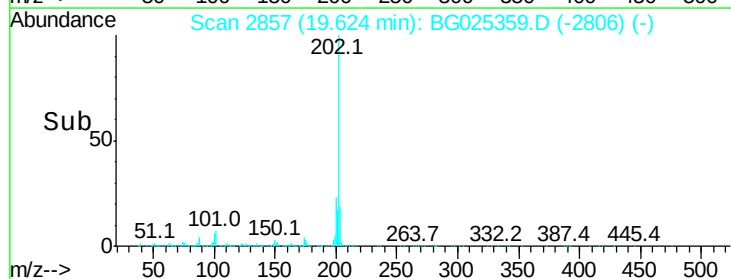
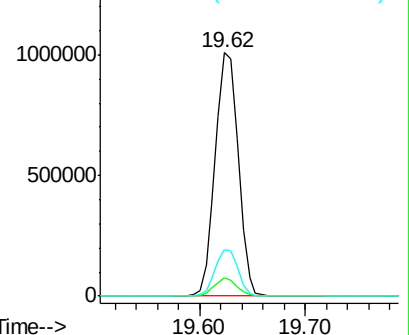
Ion	Ratio	Lower	Upper
202	100		
101	7.4	0.0	30.1
203	19.2	1.3	41.3

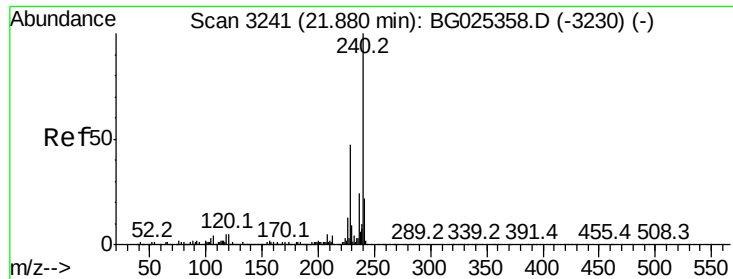


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.88 min Scan# 3241

Delta R.T. -0.00 min

Lab File: BG025359.D

Acq: 21 Dec 2016 16:00

Instrument :

BNA_G

ClientSampleId :

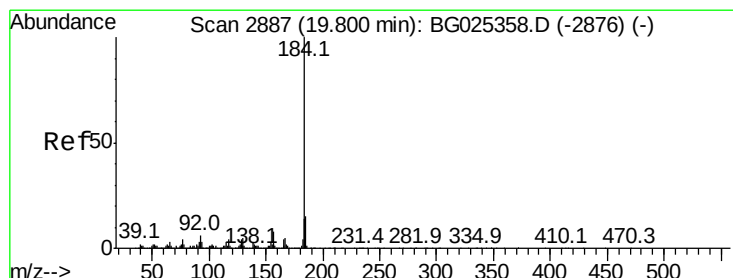
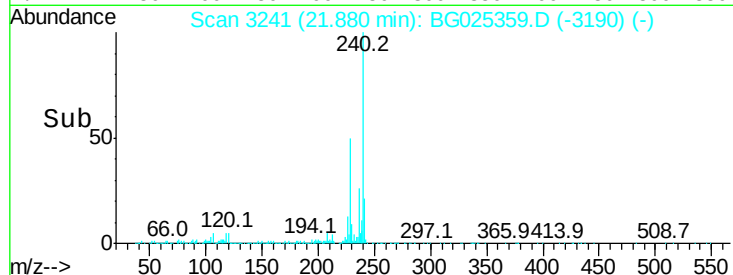
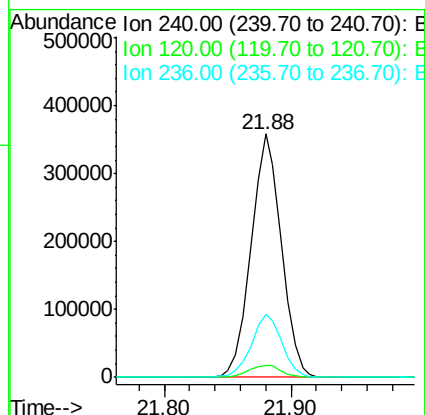
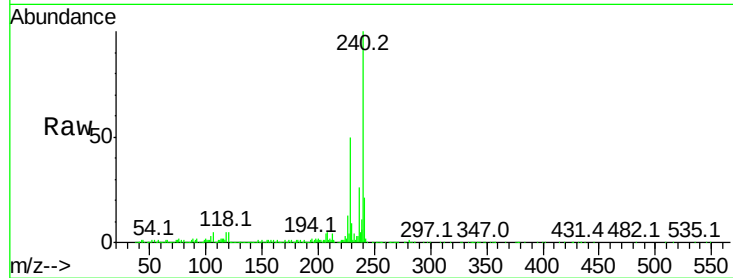
Tot Ion:240 Resp: 591954

Ion Ratio Lower Upper

240 100

120 5.1 5.7 8.5#

236 25.7 22.2 33.4



#76

Benzidine

Concen: 52.14 ng

RT: 19.80 min Scan# 2887

Delta R.T. -0.00 min

Lab File: BG025359.D

Acq: 21 Dec 2016 16:00

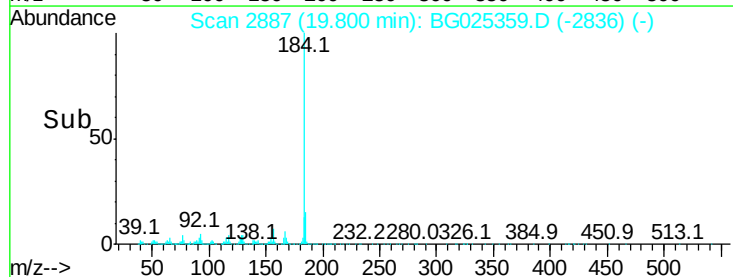
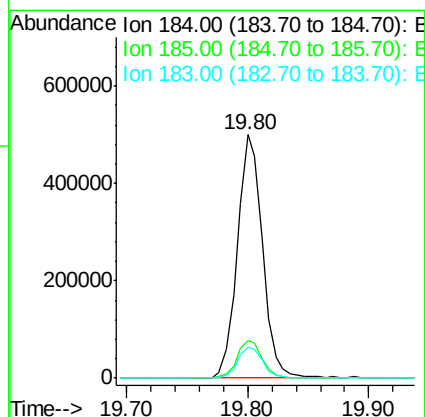
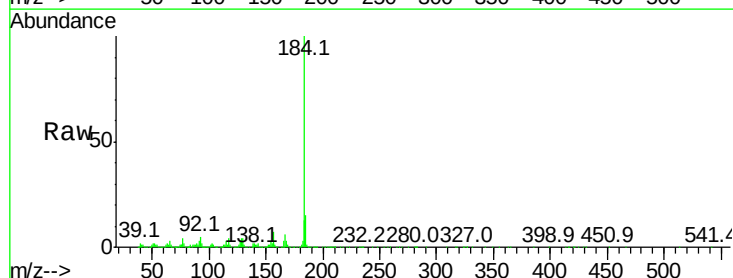
Tgt Ion:184 Resp: 727233

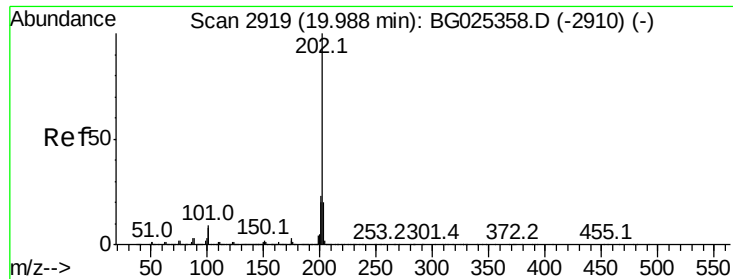
Ion Ratio Lower Upper

184 100

185 15.4 13.0 19.6

183 13.0 11.0 16.6

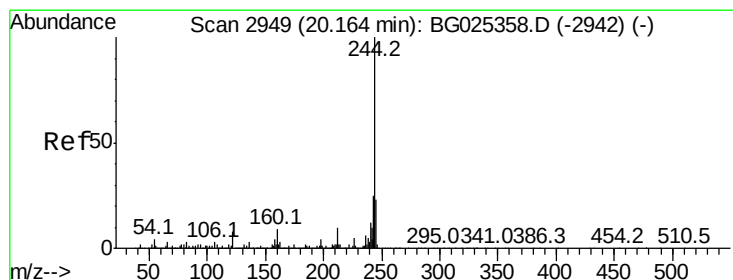
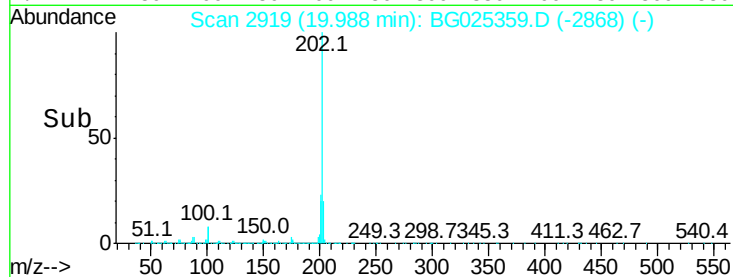
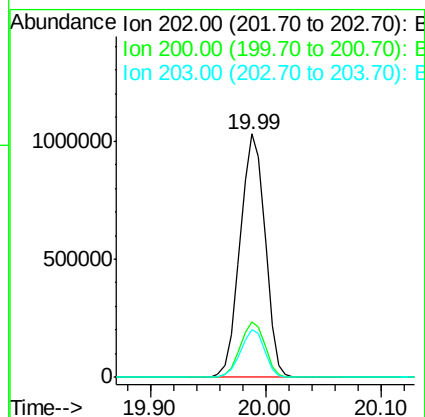
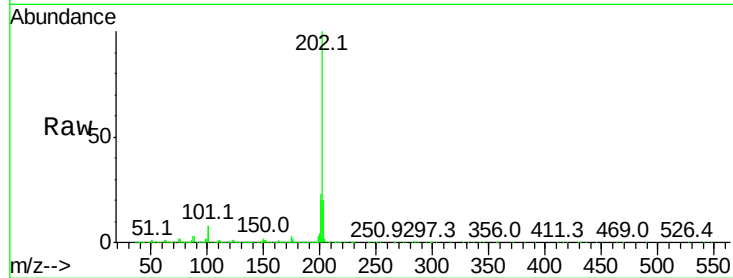




#77
Pvrene
Concen: 53.28 ng
RT: 19.99 min Scan# 2919
Delta R.T. -0.00 min
Lab File: BG025359.D
Acq: 21 Dec 2016 16:00

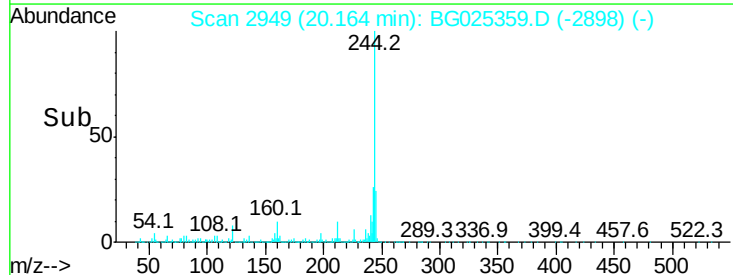
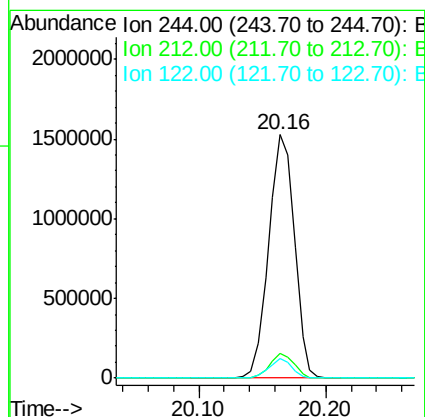
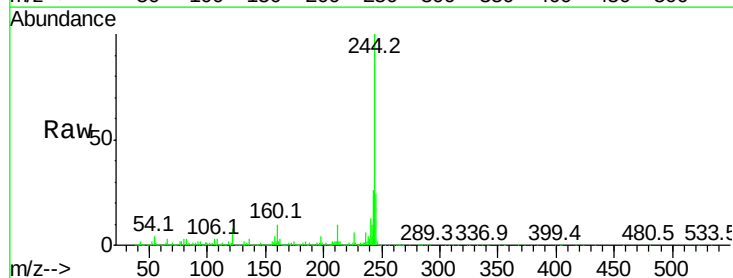
Instrument :
BNA_G
ClientSampleId :

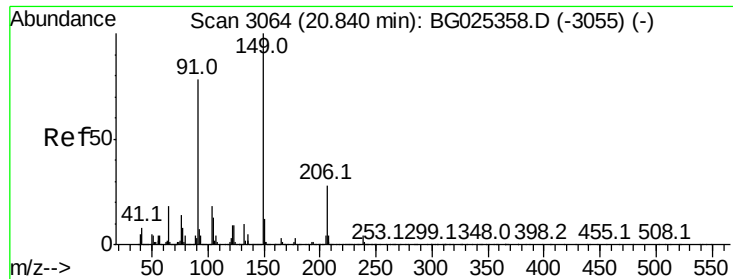
Tot Ion:202 Resp: 1541684
Ion Ratio Lower Upper
202 100
200 23.0 19.6 29.4
203 19.7 15.8 23.8



#78
Terphenyl-d14
Concen: 108.65 ng
RT: 20.16 min Scan# 2949
Delta R.T. -0.00 min
Lab File: BG025359.D
Acq: 21 Dec 2016 16:00

Tgt Ion:244 Resp: 2152358
Ion Ratio Lower Upper
244 100
212 10.4 10.0 15.0
122 8.1 8.6 12.8#

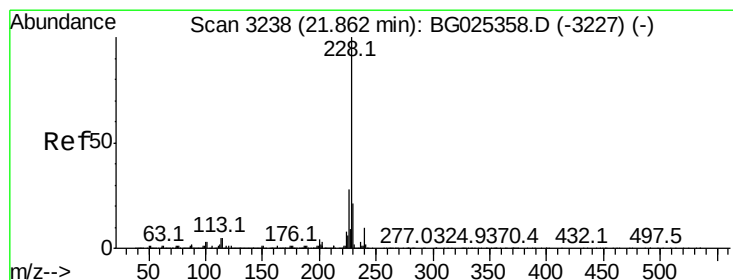
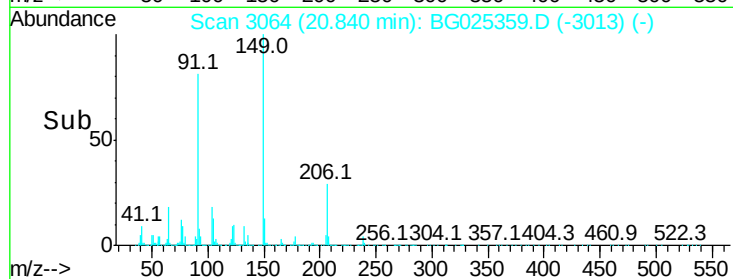
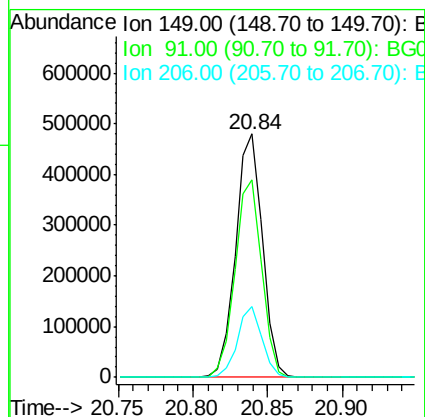
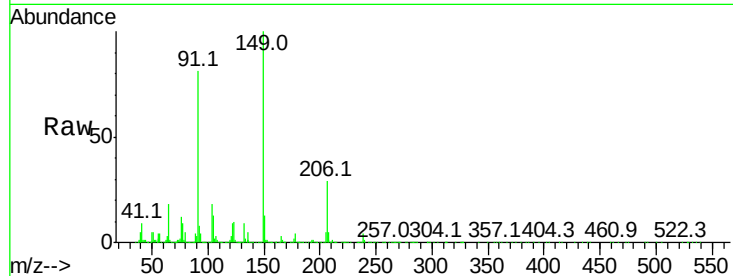




#79
Butylbenzylphthalate
Concen: 49.89 ng
RT: 20.84 min Scan# 3064
Delta R.T. -0.00 min
Lab File: BG025359.D
Acq: 21 Dec 2016 16:00

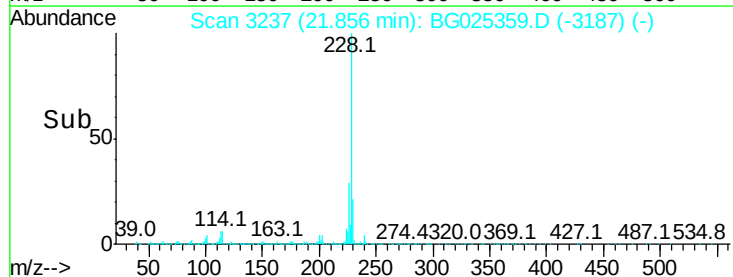
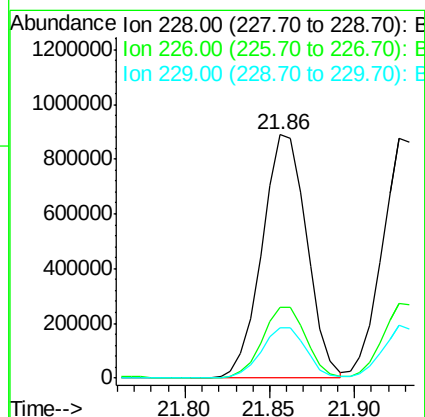
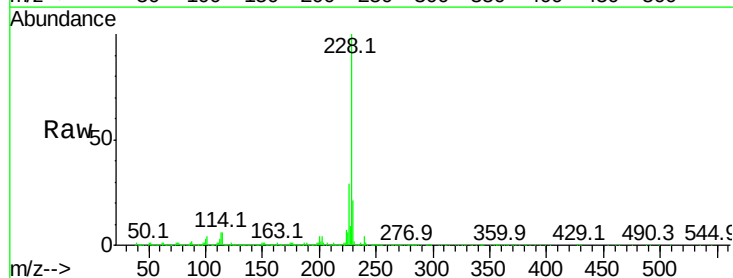
Instrument :
BNA_G
ClientSampleId :

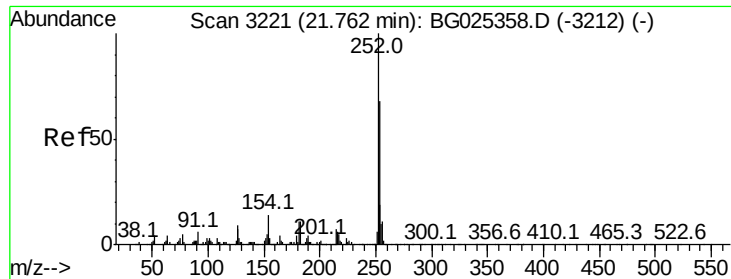
Tot Ion:149 Resp: 601844
Ion Ratio Lower Upper
149 100
91 81.0 63.5 95.3
206 28.9 21.0 31.6



#80
Benzo(a)anthracene
Concen: 49.86 ng
RT: 21.86 min Scan# 3237
Delta R.T. -0.01 min
Lab File: BG025359.D
Acq: 21 Dec 2016 16:00

Tgt Ion:228 Resp: 1621262
Ion Ratio Lower Upper
228 100
226 28.9 24.9 37.3
229 20.7 18.2 27.2

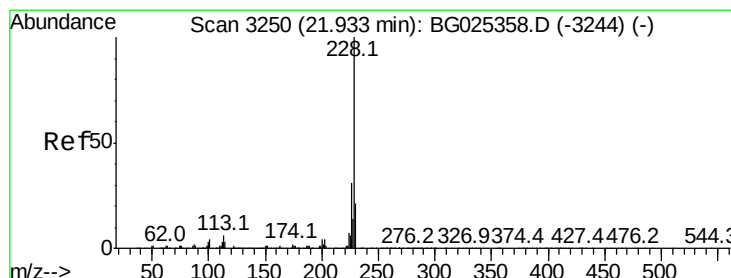
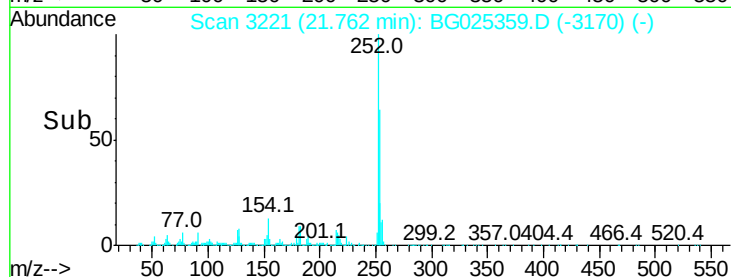
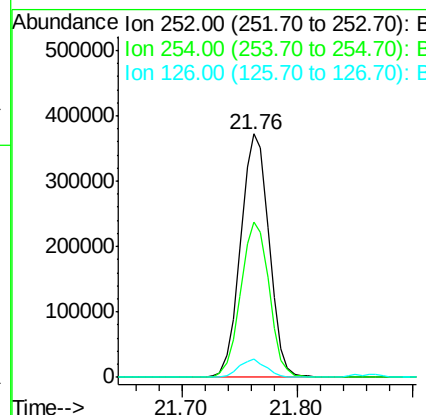
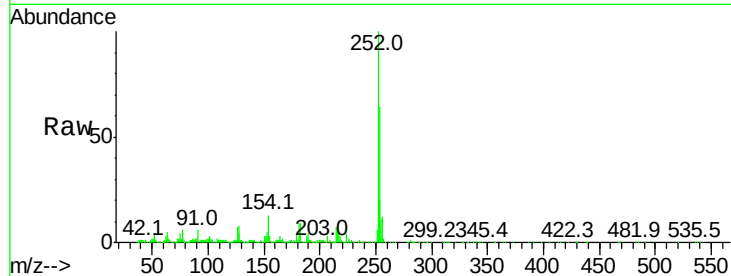




#81
 3,3'-Dichlorobenzidine
 Concen: 48.20 ng
 RT: 21.76 min Scan# 3221
 Delta R.T. -0.00 min
 Lab File: BG025359.D
 Acq: 21 Dec 2016 16:00

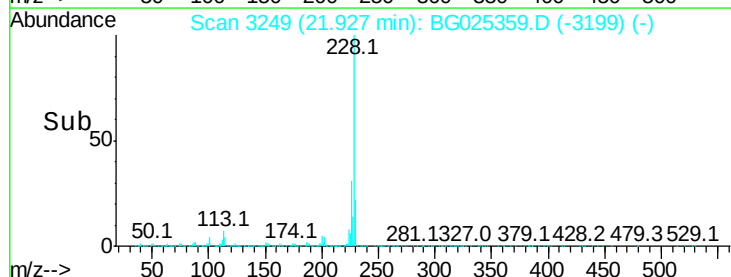
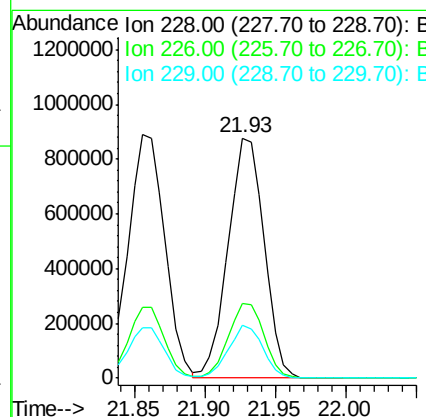
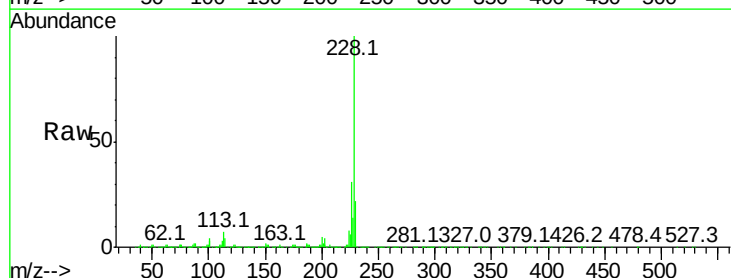
Instrument :
 BNA_G
 ClientSampled :

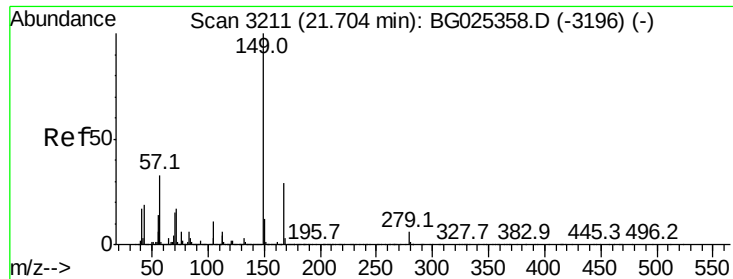
Tot Ion:252 Resp: 632418
 Ion Ratio Lower Upper
 252 100
 254 63.7 53.1 79.7
 126 7.4 7.0 10.4



#82
 Chrysene
 Concen: 50.17 ng
 RT: 21.93 min Scan# 3249
 Delta R.T. -0.01 min
 Lab File: BG025359.D
 Acq: 21 Dec 2016 16:00

Tgt Ion:228 Resp: 1553810
 Ion Ratio Lower Upper
 228 100
 226 31.2 27.0 40.4
 229 22.1 17.8 26.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 48.70 ng

RT: 21.70 min Scan# 3210

Delta R.T. -0.01 min

Lab File: BG025359.D

Acq: 21 Dec 2016 16:00

Instrument :

BNA_G

ClientSampleId :

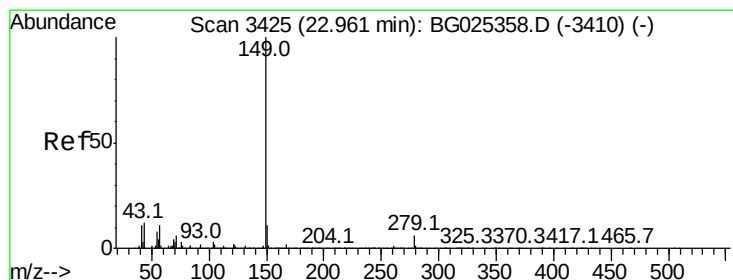
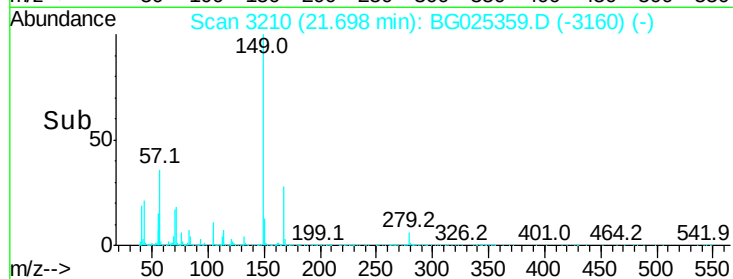
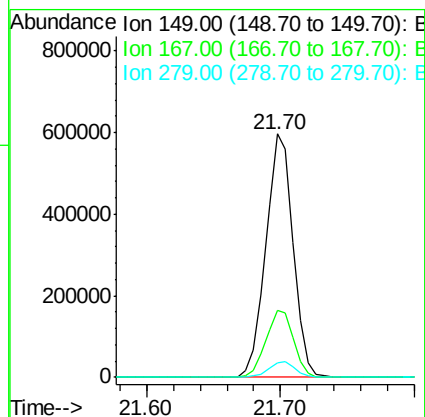
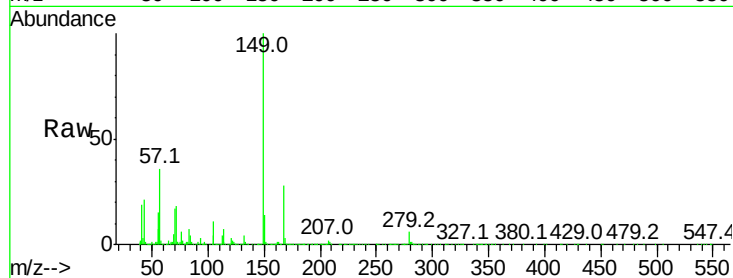
Tot Ion:149 Resp: 840436

Ion	Ratio	Lower	Upper
149	100		
167	27.7	23.7	35.5
279	6.1	4.6	6.8

149 100

167 27.7 23.7 35.5

279 6.1 4.6 6.8



#84

Di-n-octyl phthalate

Concen: 49.48 ng

RT: 22.96 min Scan# 3425

Delta R.T. -0.00 min

Lab File: BG025359.D

Acq: 21 Dec 2016 16:00

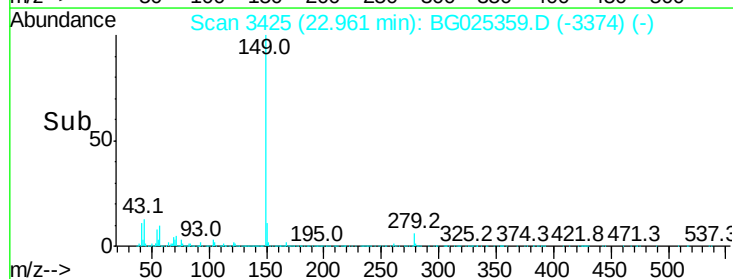
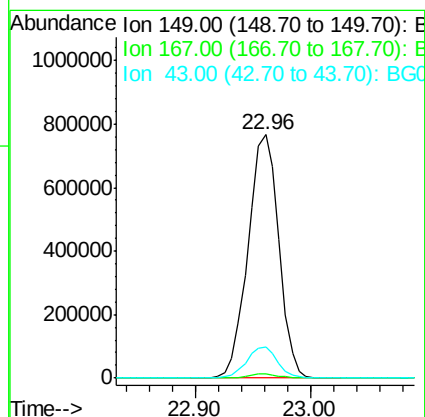
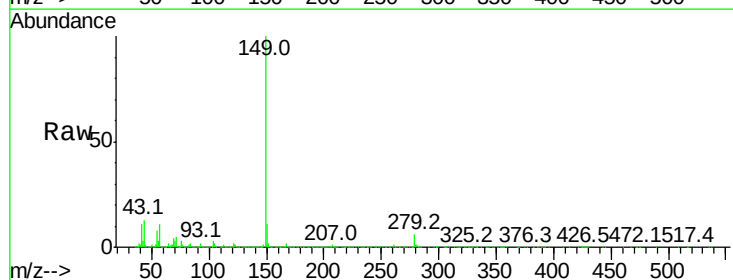
Tgt Ion:149 Resp: 1417078

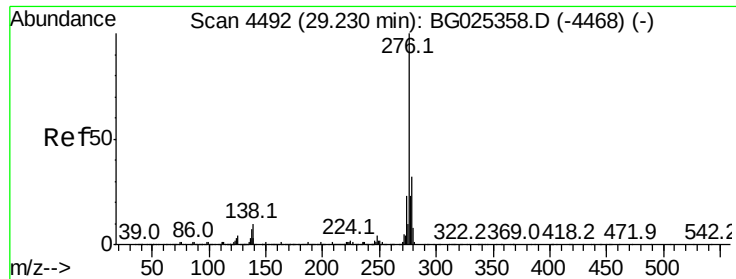
Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.2
43	12.6	11.8	17.6

149 100

167 1.8 1.4 2.2

43 12.6 11.8 17.6

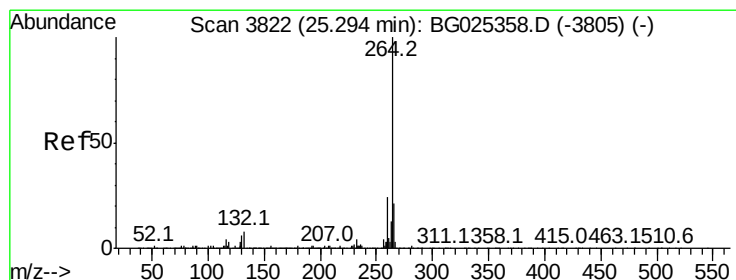
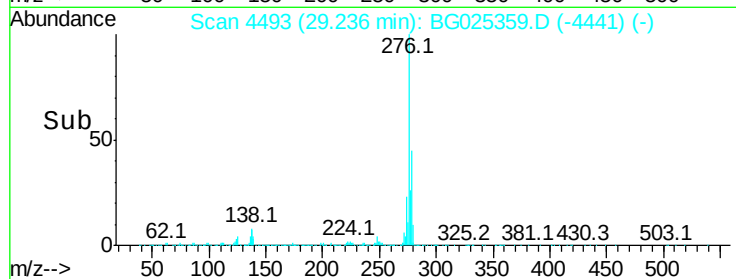
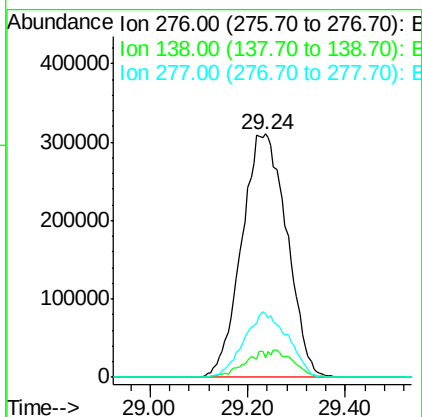
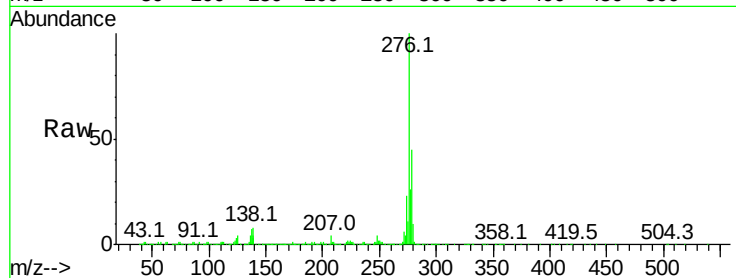




#85
Indeno(1,2,3-cd)pyrene
Concen: 46.69 ng
RT: 29.24 min Scan# 4493
Delta R.T. 0.01 min
Lab File: BG025359.D
Acq: 21 Dec 2016 16:00

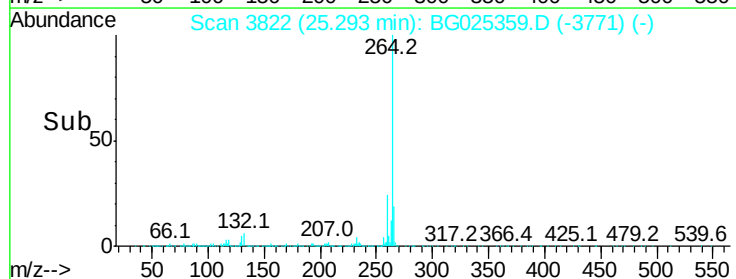
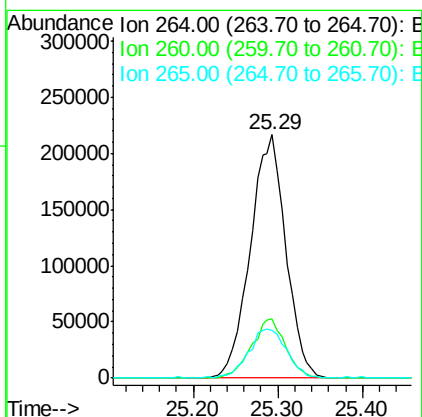
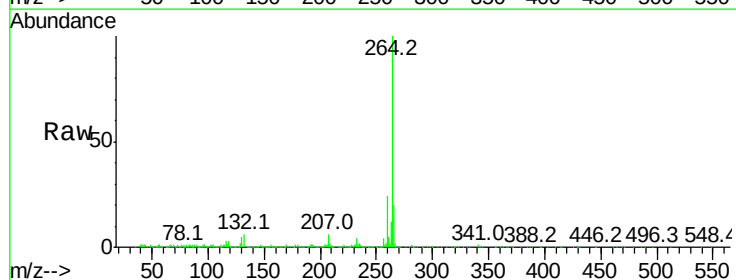
Instrument :
BNA_G
ClientSampleId :

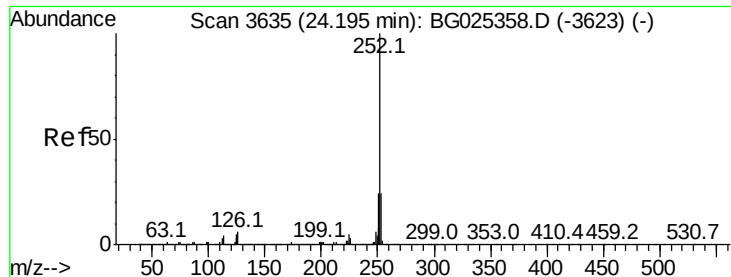
Tot Ion:276 Resp: 1996182
Ion Ratio Lower Upper
276 100
138 5.1 4.7 7.1
277 26.1 20.6 31.0



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.29 min Scan# 3822
Delta R.T. -0.00 min
Lab File: BG025359.D
Acq: 21 Dec 2016 16:00

Tgt Ion:264 Resp: 630437
Ion Ratio Lower Upper
264 100
260 24.1 21.8 32.8
265 19.6 18.2 27.4





#87

Benzo(b)fluoranthene

Concen: 47.95 ng

RT: 24.20 min Scan# 3636

Delta R.T. 0.01 min

Lab File: BG025359.D

Acq: 21 Dec 2016 16:00

Instrument :

BNA_G

ClientSampleId :

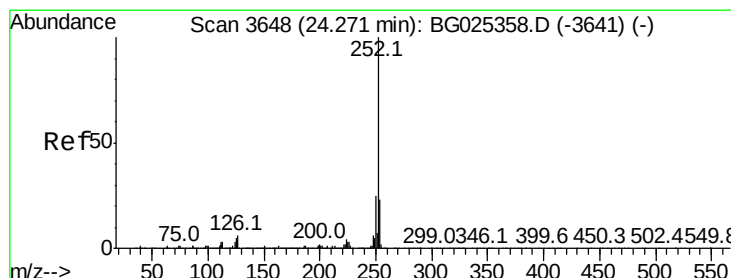
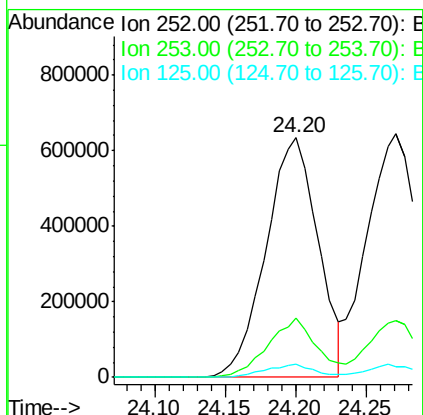
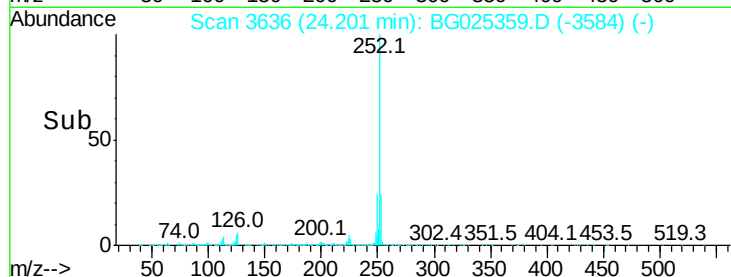
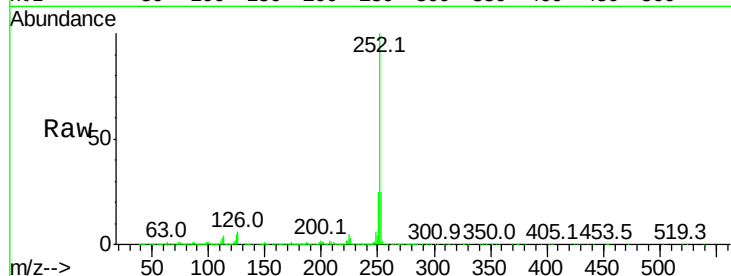
Tot Ion:252 Resp: 1633932

Ion Ratio Lower Upper

252 100

253 24.5 18.7 28.1

125 5.4 5.3 7.9



#88

Benzo(k)fluoranthene

Concen: 49.65 ng

RT: 24.20 min Scan# 3636

Delta R.T. -0.07 min

Lab File: BG025359.D

Acq: 21 Dec 2016 16:00

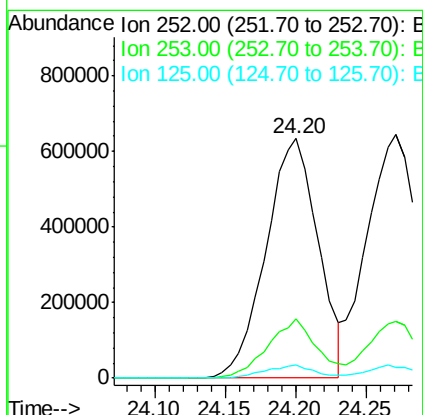
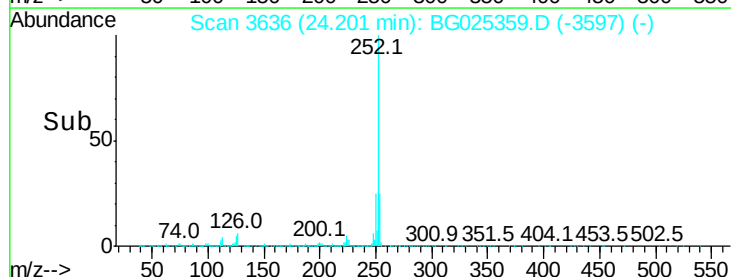
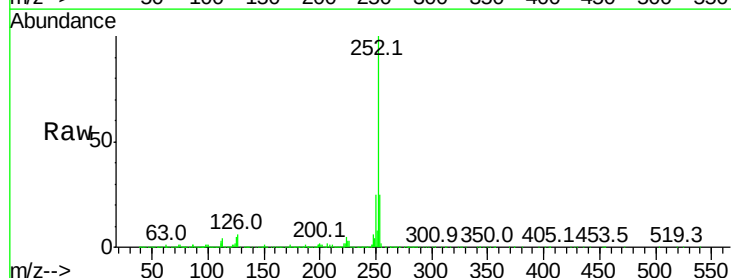
Tgt Ion:252 Resp: 1633932

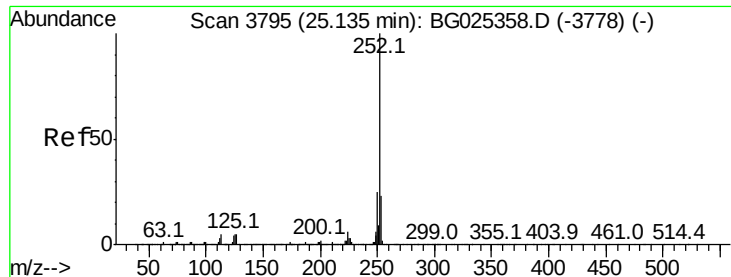
Ion Ratio Lower Upper

252 100

253 24.5 20.2 30.2

125 5.4 5.1 7.7





#89

Benzo(a)pyrene

Concen: 48.64 ng

RT: 25.13 min Scan# 3794

Delta R.T. -0.01 min

Lab File: BG025359.D

Acq: 21 Dec 2016 16:00

Instrument :

BNA_G

ClientSampleId :

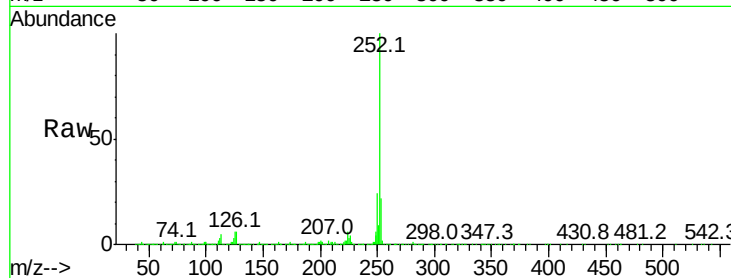
Tot Ion:252 Resp: 1619792

Ion	Ratio	Lower	Upper
252	100		
253	22.5	19.2	28.8
125	5.6	5.4	8.0

252 100

253 22.5 19.2 28.8

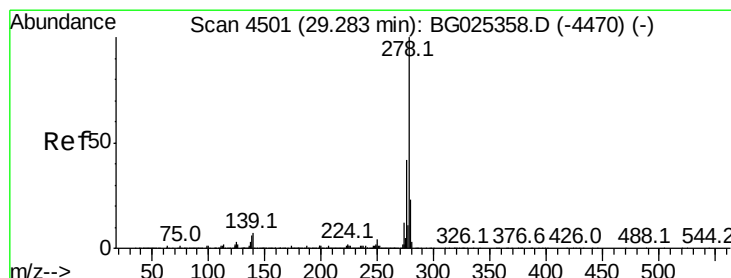
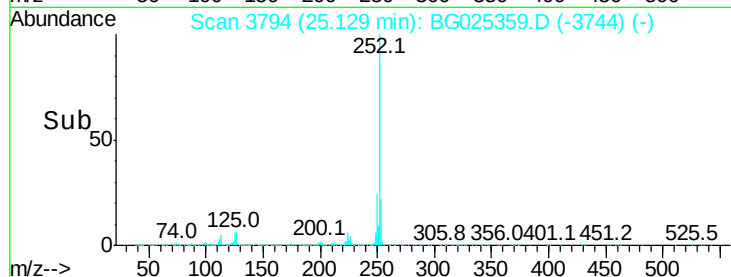
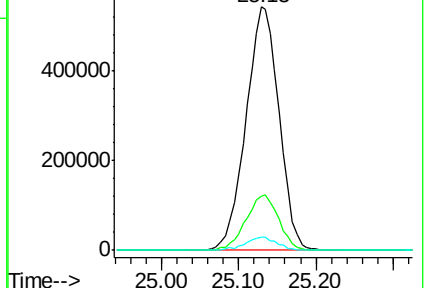
125 5.6 5.4 8.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 46.69 ng

RT: 29.28 min Scan# 4501

Delta R.T. -0.00 min

Lab File: BG025359.D

Acq: 21 Dec 2016 16:00

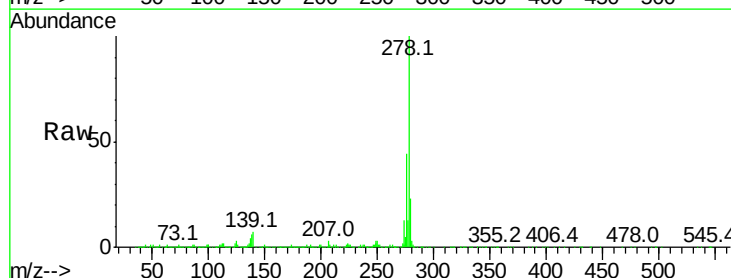
Tgt Ion:278 Resp: 1706306

Ion	Ratio	Lower	Upper
278	100		
139	6.5	7.7	11.5#
279	22.8	19.1	28.7

278 100

139 6.5 7.7 11.5#

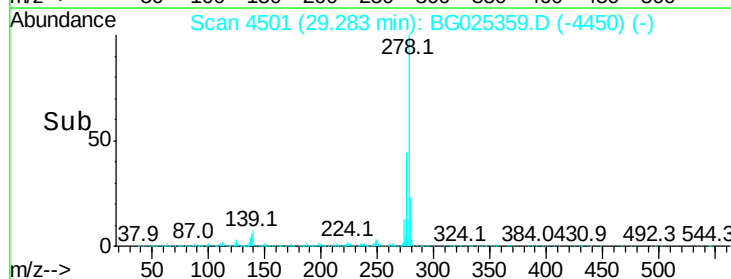
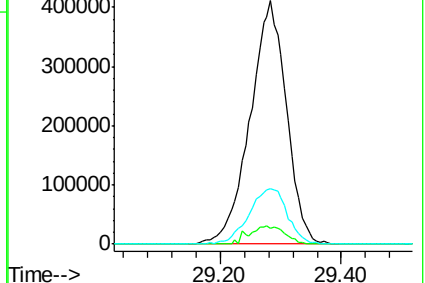
279 22.8 19.1 28.7

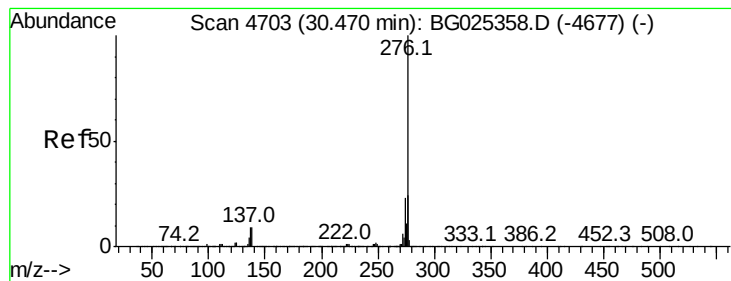


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 46.66 ng

RT: 30.47 min Scan# 4703

Delta R.T. -0.00 min

Lab File: BG025359.D

Acq: 21 Dec 2016 16:00

Instrument :

BNA_G

ClientSampleId :

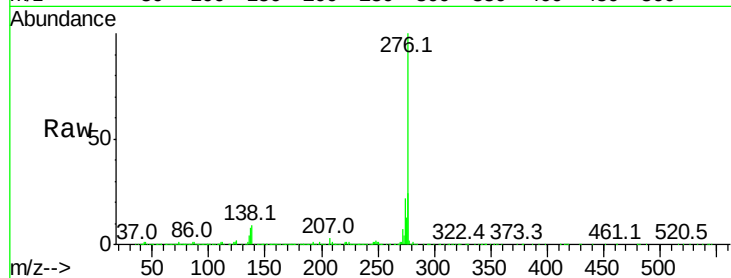
Tot Ion:276 Resp: 1703748

Ion Ratio Lower Upper

276 100

277 24.0 18.6 27.8

138 8.5 8.1 12.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

