

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122116\
 Data File : BG025361.D
 Acq On : 21 Dec 2016 17:19
 Operator : UM/SJ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 21 17:58:41 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	57833	20.00	ng	0.00
21) Naphthalene-d8	11.05	136	245409	20.00	ng	0.00
38) Acenaphthene-d10	14.84	164	193356	20.00	ng	0.00
63) Phenanthrene-d10	17.59	188	456680	20.00	ng	0.00
75) Chrysene-d12	21.88	240	616043	20.00	ng	0.00
86) Perylene-d12	25.29	264	636416	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.75	112	498200	141.19	ng	0.00
7) Phenol-d6	7.37	99	722368	149.24	ng	0.00
23) Nitrobenzene-d5	9.40	82	843966	156.58	ng	0.00
41) 2,4,6-Tribromophenol	16.33	330	480122	166.21	ng	0.00
44) 2-Fluorobiphenyl	13.46	172	1782379	153.21	ng	0.00
78) Terphenyl-d14	20.16	244	3031979	147.07	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.60	88	103348	71.69	ng	95
3) Pyridine	4.01	79	321581	74.50	ng	97
4) n-Nitrosodimethylamine	3.92	42	190038	85.05	ng	# 99
6) Aniline	7.54	93	479683	78.23	ng	92
8) 2-Chlorophenol	7.78	128	278617	77.66	ng	96
9) Benzaldehyde	7.36	77	197410	66.00	ng	96
10) Phenol	7.40	94	386899	77.54	ng	97
11) bis(2-Chloroethyl)ether	7.63	93	293055	78.18	ng	89
12) 1,3-Dichlorobenzene	8.10	146	341204	76.83	ng	98
13) 1,4-Dichlorobenzene	8.25	146	350006	79.79	ng	98
14) 1,2-Dichlorobenzene	8.57	146	330811	78.43	ng	95
15) Benzyl Alcohol	8.46	79	345103	76.64	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.74	45	547527	78.73	ng	97
17) 2-Methylphenol	8.66	107	257819	77.98	ng	94
18) Hexachloroethane	9.29	117	135271	80.21	ng	92
19) n-Nitroso-di-n-propylamine	9.02	70	288419	80.85	ng	96
20) 3+4-Methylphenols	9.00	107	363954	81.99	ng	98
22) Acetophenone	9.05	105	515502	81.78	ng	# 95
24) Nitrobenzene	9.44	77	465041	77.55	ng	98
25) Isophorone	9.96	82	765915	76.39	ng	97
26) 2-Nitrophenol	10.15	139	181915	81.73	ng	97
27) 2,4-Dimethylphenol	10.20	122	287610	73.82	ng	94
28) bis(2-Chloroethoxy)methane	10.43	93	381505	73.54	ng	95
29) 2,4-Dichlorophenol	10.69	162	324574	79.37	ng	99
30) 1,2,4-Trichlorobenzene	10.90	180	371223	76.52	ng	98
31) Naphthalene	11.09	128	916001	74.83	ng	99
32) Benzoic acid	10.39	122	244910	75.48	ng	99
33) 4-Chloroaniline	11.21	127	404816	76.16	ng	97
34) Hexachlorobutadiene	11.35	225	305997	80.59	ng	96
35) Caprolactam	12.01	113	116964	78.12	ng	96
36) 4-Chloro-3-methylphenol	12.32	107	380618	77.10	ng	97
37) 2-Methylnaphthalene	12.69	142	691475	77.41	ng	96
39) 1,2,4,5-Tetrachlorobenzene	13.04	216	491610	75.38	ng	98
40) Hexachlorocyclopentadiene	13.00	237	188883	51.43	ng	95

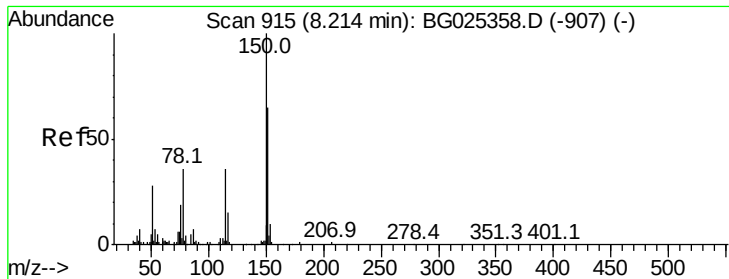
Data Path : Z:\HPCHEM1\BNA G\DATA\BG122116\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 17:23:04 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.28	196	310401	79.18	ng	94
43) 2,4,5-Trichlorophenol	13.37	196	314808	74.28	ng	95
45) 1,1'-Biphenyl	13.68	154	973121	72.53	ng	97
46) 2-Chloronaphthalene	13.73	162	768610	75.23	ng	99
47) 2-Nitroaniline	13.94	65	339750	81.21	ng	98
48) Acenaphthylene	14.57	152	1170194	74.68	ng	97
49) Dimethylphthalate	14.29	163	1058735	77.13	ng	98
50) 2,6-Dinitrotoluene	14.43	165	234264	79.94	ng	91
51) Acenaphthene	14.91	154	773406	66.21	ng	99
52) 3-Nitroaniline	14.76	138	227850	75.14	ng	94
53) 2,4-Dinitrophenol	14.99	184	159119	74.93	ng	95
54) Dibenzofuran	15.24	168	1215075	75.24	ng	98
55) 4-Nitrophenol	15.08	139	179270	67.86	ng	94
56) 2,4-Dinitrotoluene	15.22	165	345671	81.17	ng	# 89
57) Fluorene	15.89	166	1024530	76.51	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.46	232	332721	75.72	ng	94
59) Diethylphthalate	15.63	149	1090176	75.75	ng	98
60) 4-Chlorophenyl-phenylether	15.86	204	587968	78.25	ng	99
61) 4-Nitroaniline	15.93	138	237569	71.72	ng	92
62) Azobenzene	16.16	77	1085234	75.61	ng	99
64) 4,6-Dinitro-2-methylphenol	15.99	198	251941	80.07	ng	89
65) n-Nitrosodiphenylamine	16.09	169	921681	73.82	ng	99
66) 4-Bromophenyl-phenylether	16.76	248	430794	77.71	ng	97
67) Hexachlorobenzene	16.89	284	480134	78.38	ng	# 90
68) Atrazine	17.02	200	338780	63.26	ng	96
69) Pentachlorophenol	17.24	266	260230	64.38	ng	95
70) Phenanthrene	17.63	178	1702182	73.13	ng	97
71) Anthracene	17.72	178	1744264	74.27	ng	99
72) Carbazole	18.00	167	1558457	72.77	ng	99
73) Di-n-butylphthalate	18.51	149	1856148	75.16	ng	98
74) Fluoranthene	19.62	202	2209656	75.09	ng	98
76) Benzidine	19.80	184	984412	67.82	ng	97
77) Pyrene	19.99	202	2261070	75.08	ng	98
79) Butylbenzylphthalate	20.84	149	944321	75.21	ng	98
80) Benzo(a)anthracene	21.86	228	2451374	72.44	ng	99
81) 3,3'-Dichlorobenzidine	21.76	252	948443	69.47	ng	98
82) Chrysene	21.93	228	2348974	72.88	ng	99
83) Bis(2-ethylhexyl)phthalate	21.70	149	1309630	72.92	ng	99
84) Di-n-octyl phthalate	22.96	149	2175938	73.00	ng	96
85) Indeno(1,2,3-cd)pyrene	29.24	276	3151559	70.84	ng	99
87) Benzo(b)fluoranthene	24.20	252	2570355	74.72	ng	# 98
88) Benzo(k)fluoranthene	24.28	252	2472916	74.44	ng	98
89) Benzo(a)pyrene	25.14	252	2488357	74.03	ng	# 99
90) Dibenzo(a,h)anthracene	29.29	278	2696367	73.08	ng	# 97
91) Benzo(g,h,i)perylene	30.48	276	2660838	72.19	ng	98

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

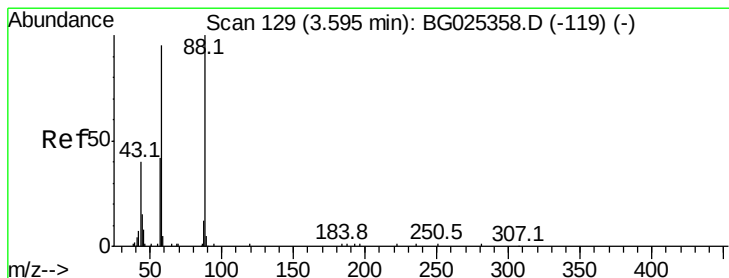
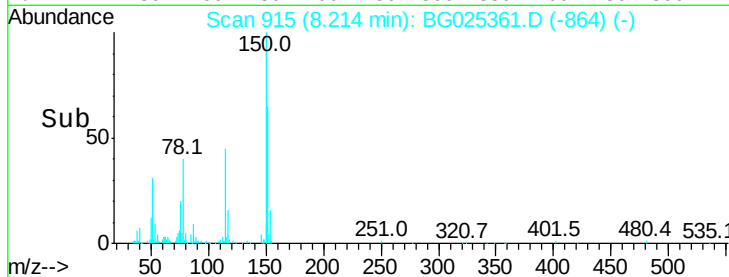
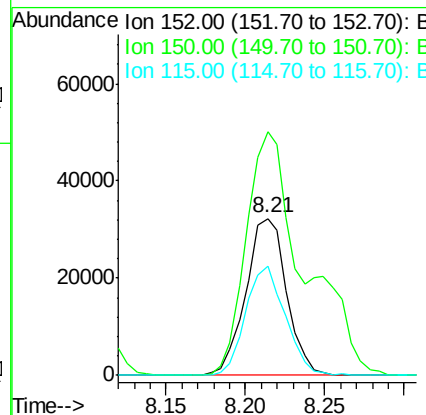
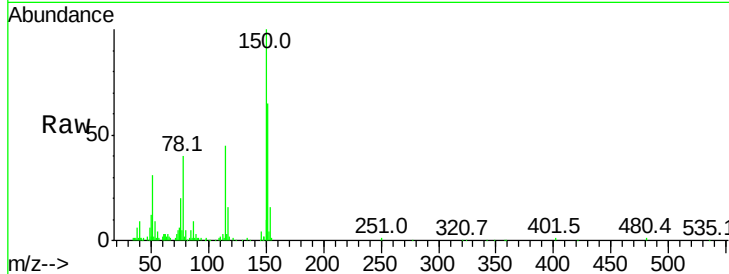


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.21 min Scan# 915
Delta R.T. 0.00 min
Lab File: BG025361.D
Acq: 21 Dec 2016 17:19

Instrument :
BNA_G
ClientSampleId :

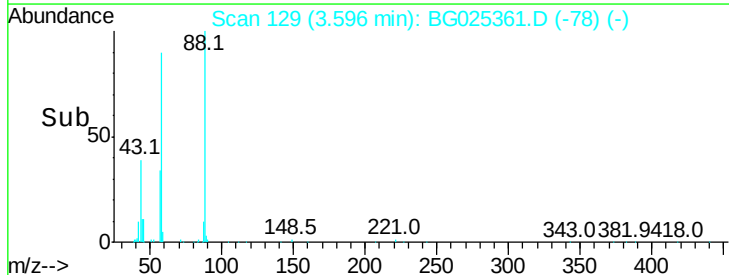
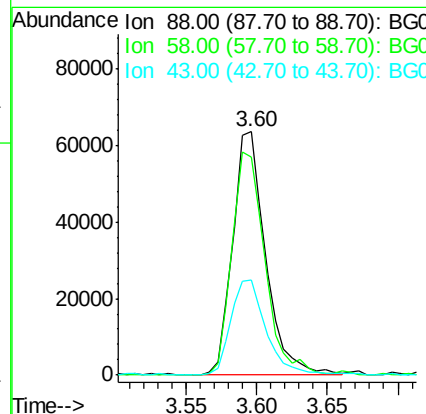
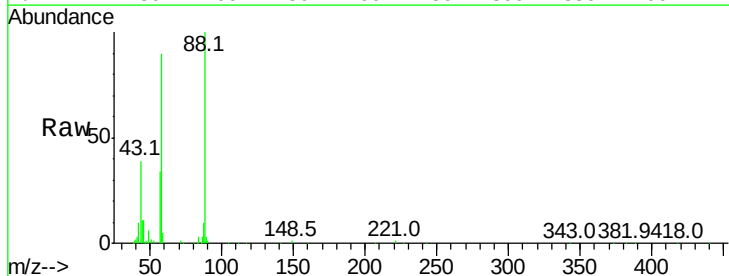
Tot Ion:152 Resp: 57833
Ion Ratio Lower Upper
152 100
150 154.9 114.0 171.0
115 69.9 48.1 72.1

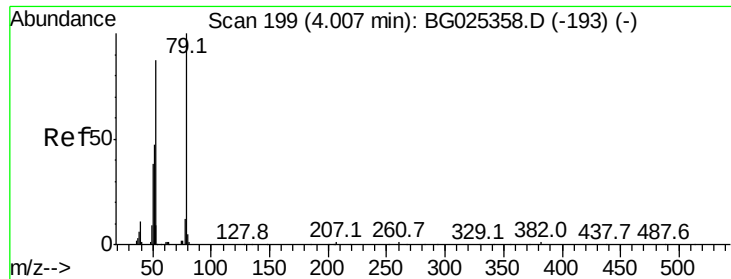


#2

1,4-Dioxane
Concen: 71.69 ng
RT: 3.60 min Scan# 129
Delta R.T. 0.00 min
Lab File: BG025361.D
Acq: 21 Dec 2016 17:19

Tgt Ion: 88 Resp: 103348
Ion Ratio Lower Upper
88 100
58 92.5 79.4 119.2
43 42.4 33.8 50.6





#3

Pvridine

Concen: 74.50 ng

RT: 4.01 min Scan# 199

Delta R.T. 0.00 min

Lab File: BG025361.D

Acq: 21 Dec 2016 17:19

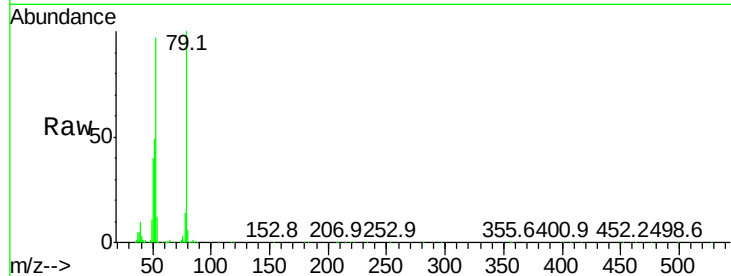
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 79 Resp: 321581

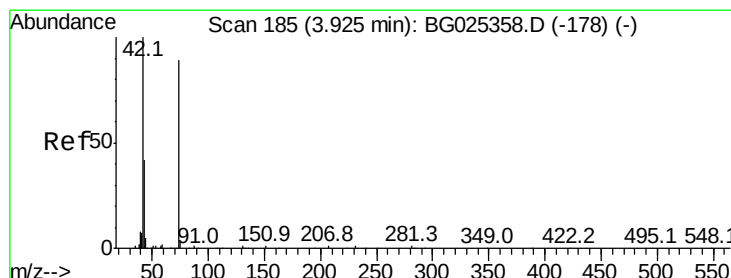
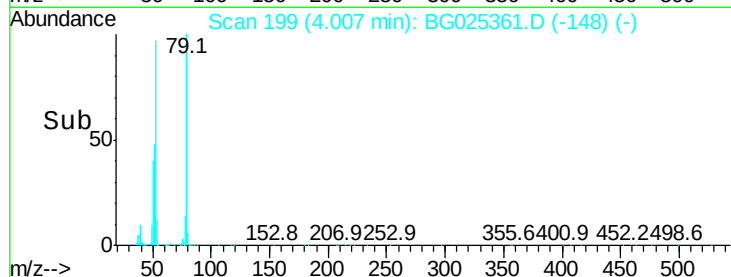
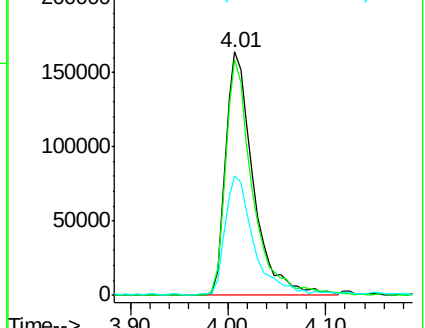
Ion	Ratio	Lower	Upper
79	100		
52	96.8	77.8	116.6
51	48.9	43.2	64.8



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

n-Nitrosodimethylamine

Concen: 85.05 ng

RT: 3.92 min Scan# 185

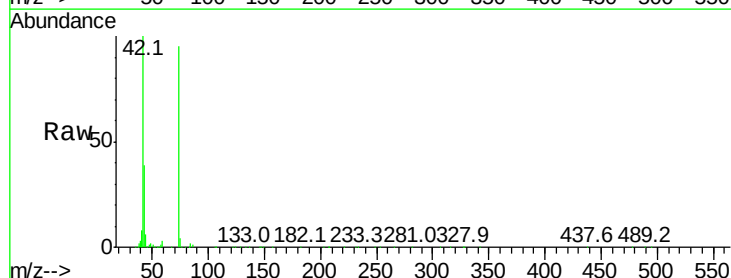
Delta R.T. 0.00 min

Lab File: BG025361.D

Acq: 21 Dec 2016 17:19

Tgt Ion: 42 Resp: 190038

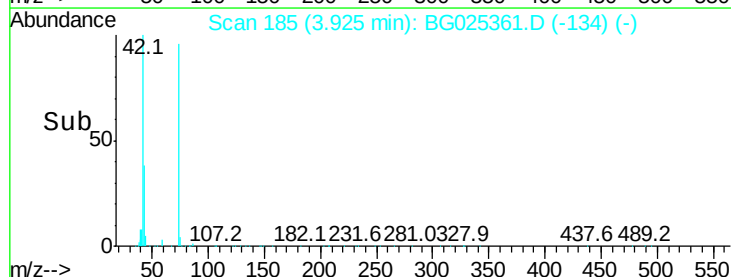
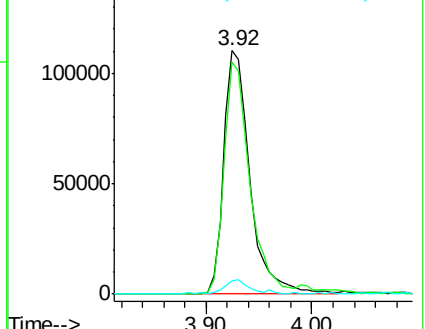
Ion	Ratio	Lower	Upper
42	100		
74	95.3	76.7	115.1
44	5.7	6.1	9.1

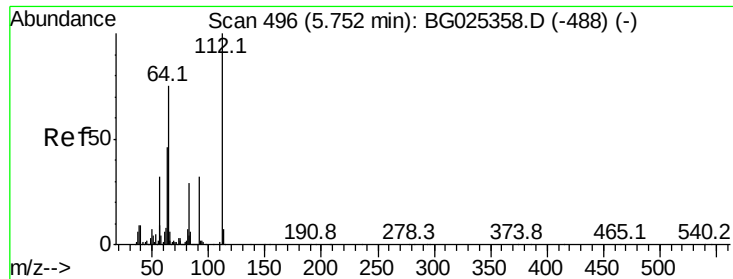


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 141.19 ng

RT: 5.75 min Scan# 496

Delta R.T. 0.00 min

Lab File: BG025361.D

Acq: 21 Dec 2016 17:19

Instrument :

BNA_G

ClientSampleId :

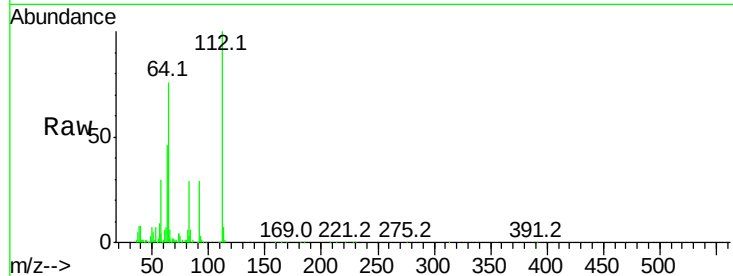
Tot Ion:112 Resp: 498200

Ion Ratio Lower Upper

112 100

64 76.5 61.8 92.6

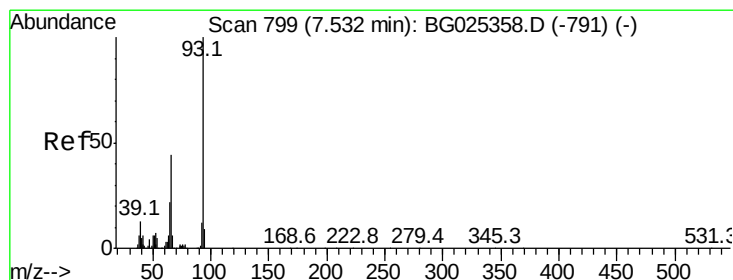
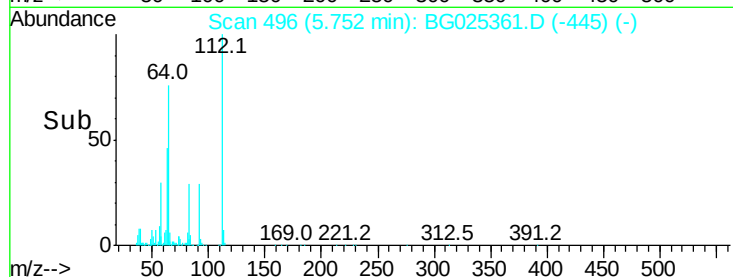
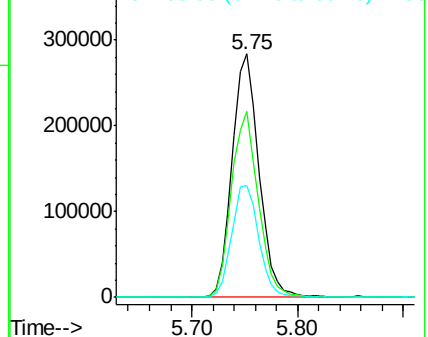
63 45.7 37.2 55.8



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 78.23 ng

RT: 7.54 min Scan# 800

Delta R.T. 0.01 min

Lab File: BG025361.D

Acq: 21 Dec 2016 17:19

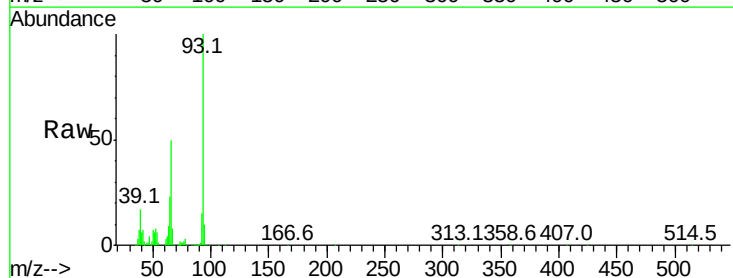
Tgt Ion: 93 Resp: 479683

Ion Ratio Lower Upper

93 100

66 50.4 35.4 53.2

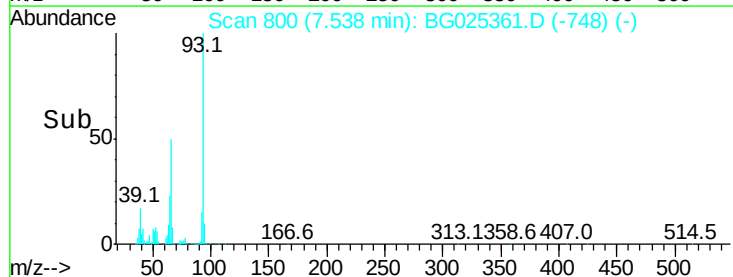
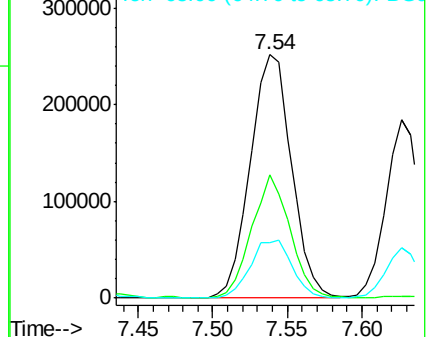
65 23.0 21.2 31.8

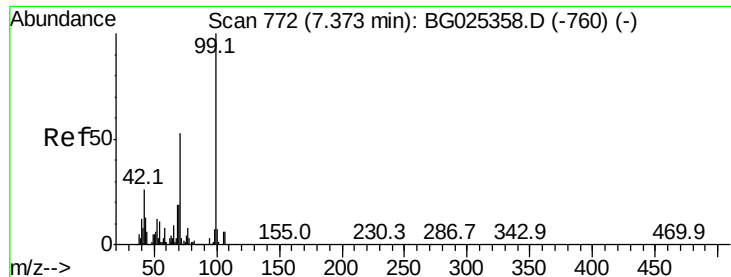


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 149.24 ng

RT: 7.37 min Scan# 772

Delta R.T. 0.00 min

Lab File: BG025361.D

Acq: 21 Dec 2016 17:19

Instrument :

BNA_G

ClientSampleId :

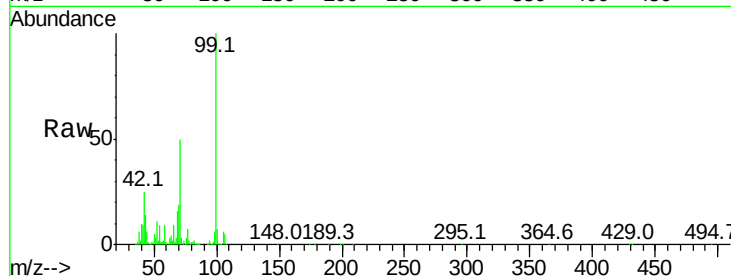
Tot Ion: 99 Resp: 722368

Ion Ratio Lower Upper

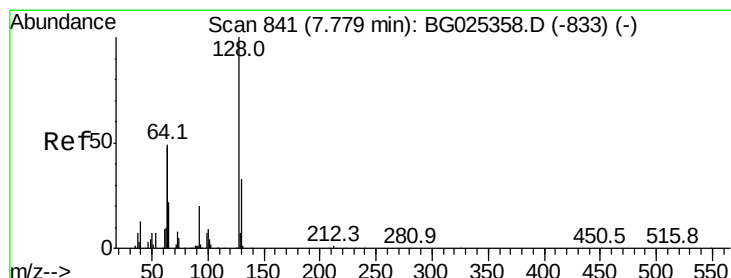
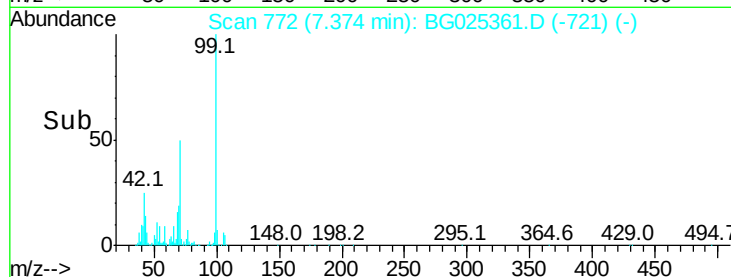
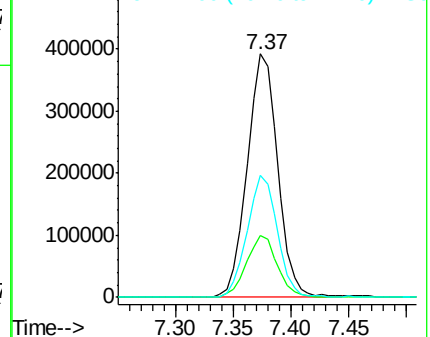
99 100

42 25.4 20.5 30.7

71 50.0 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: 77.66 ng

RT: 7.78 min Scan# 841

Delta R.T. 0.00 min

Lab File: BG025361.D

Acq: 21 Dec 2016 17:19

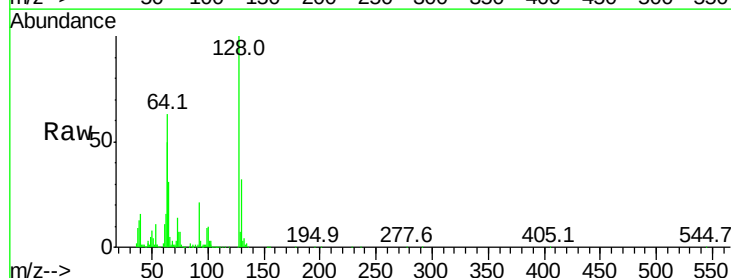
Tgt Ion: 128 Resp: 278617

Ion Ratio Lower Upper

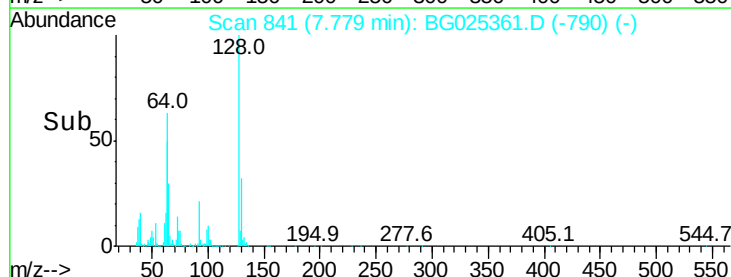
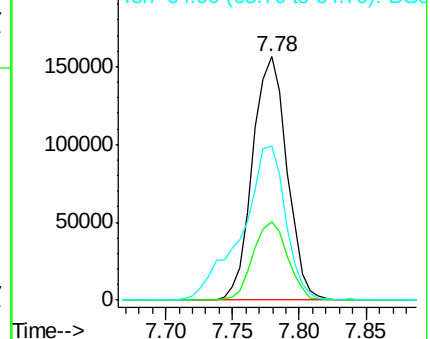
128 100

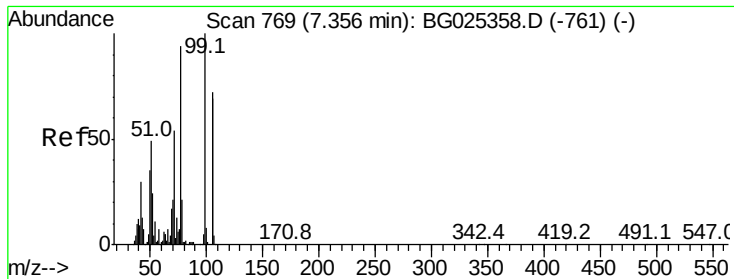
130 32.4 11.4 51.4

64 63.0 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: 66.00 ng

RT: 7.36 min Scan# 769

Delta R.T. 0.00 min

Lab File: BG025361.D

Acq: 21 Dec 2016 17:19

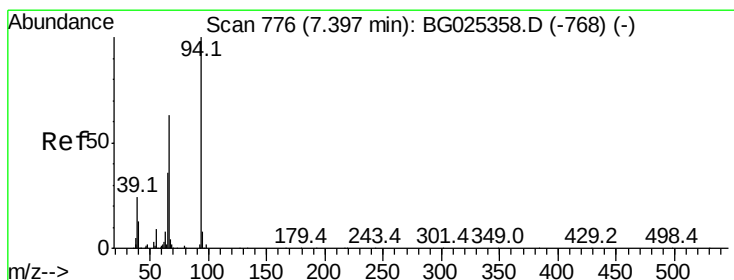
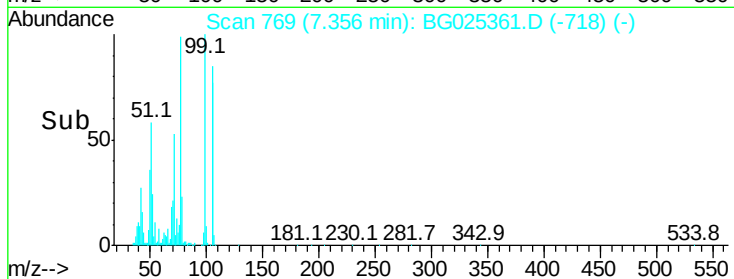
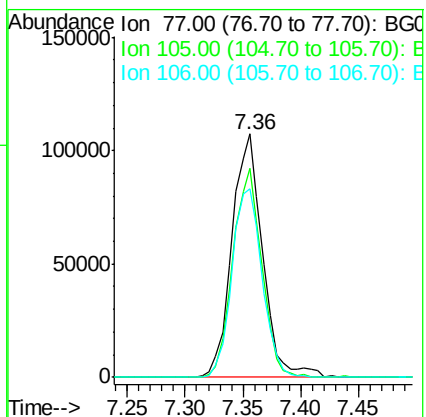
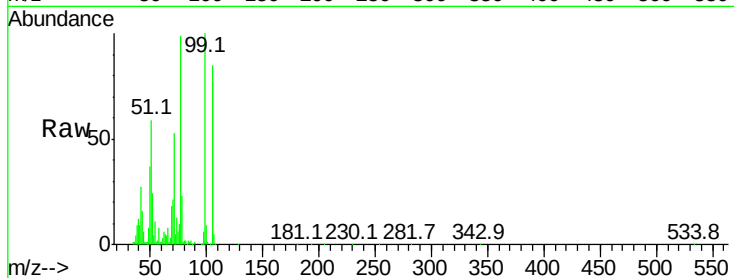
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 197410

Ion	Ratio	Lower	Upper
77	100		
105	86.0	60.9	100.9
106	77.5	55.1	95.1



#10

Phenol

Concen: 77.54 ng

RT: 7.40 min Scan# 777

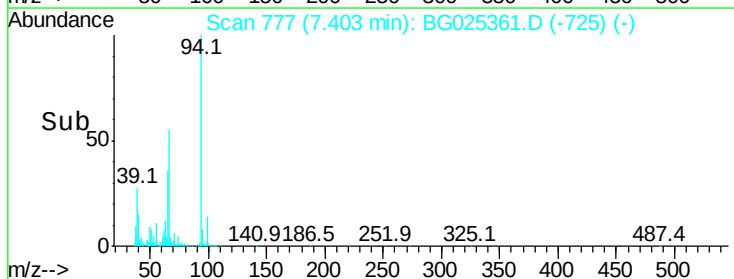
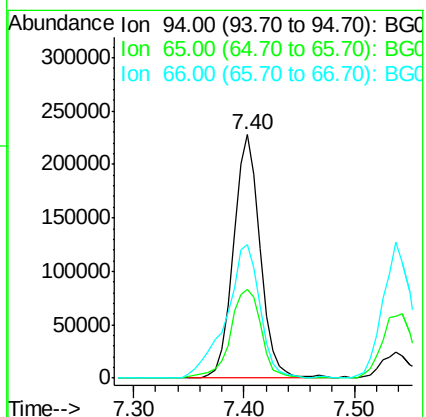
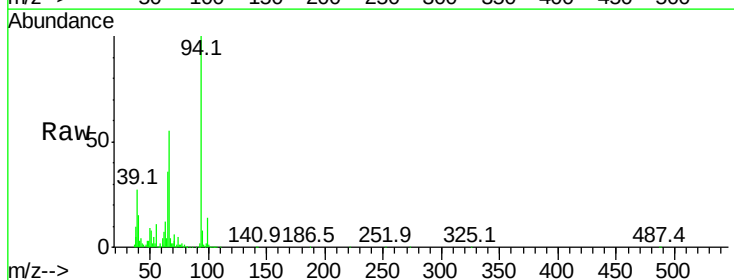
Delta R.T. 0.01 min

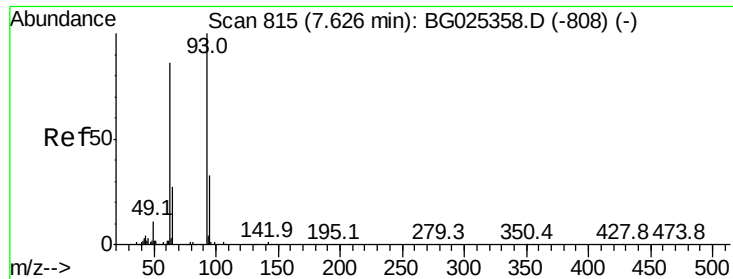
Lab File: BG025361.D

Acq: 21 Dec 2016 17:19

Tgt Ion: 94 Resp: 386899

Ion	Ratio	Lower	Upper
94	100		
65	36.5	20.6	60.6
66	55.0	35.5	75.5

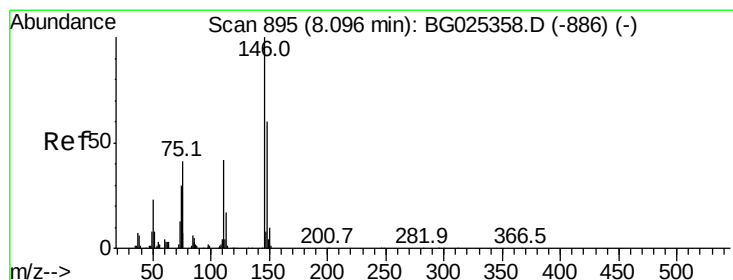
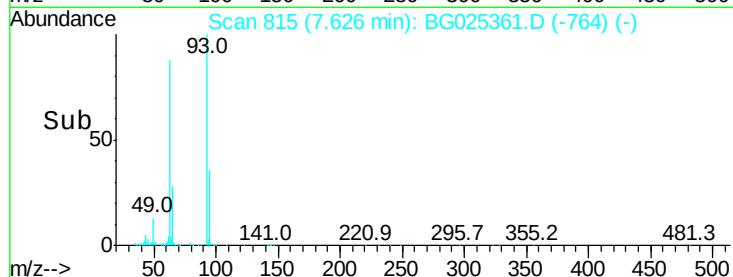
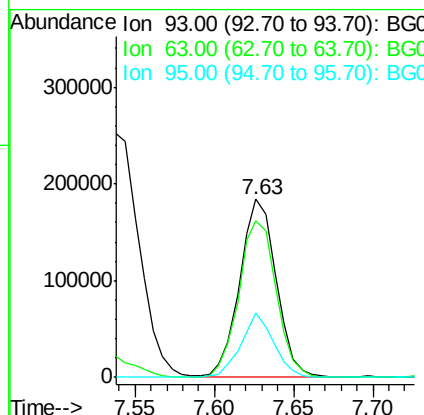
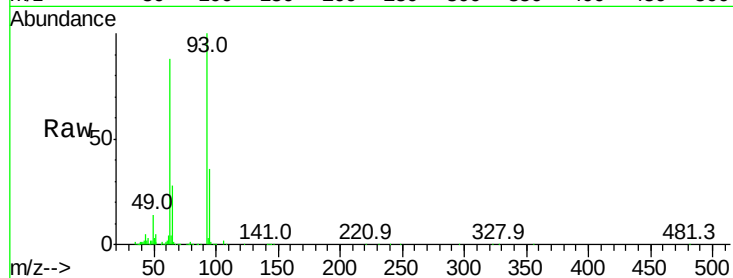




#11
bis(2-Chloroethyl)ether
Concen: 78.18 ng
RT: 7.63 min Scan# 815
Delta R.T. 0.00 min
Lab File: BG025361.D
Acq: 21 Dec 2016 17:19

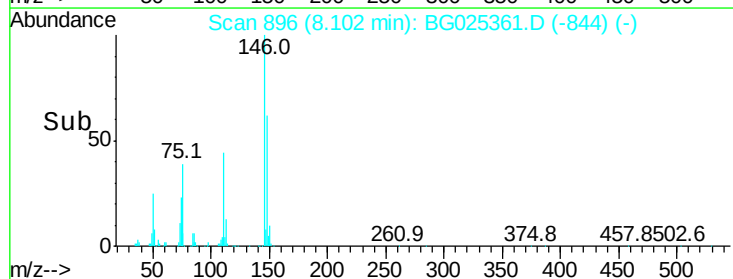
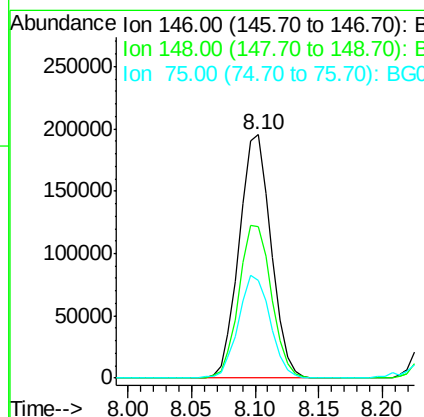
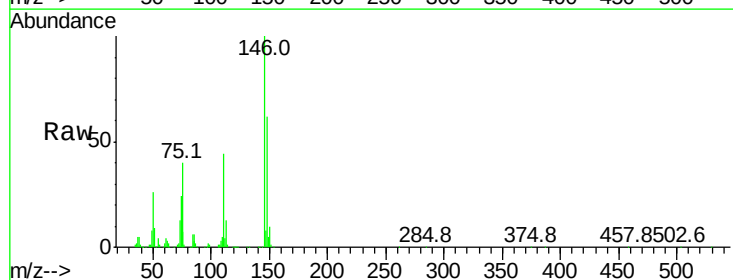
Instrument :
BNA_G
ClientSampleId :

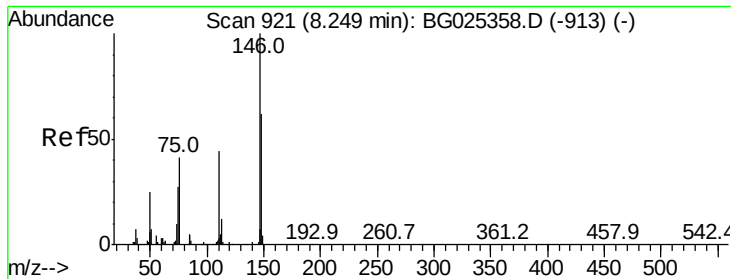
Tot Ion	Ratio	Lower	Upper
93	100		
63	88.2	78.5	118.5
95	36.3	9.8	49.8



#12
1,3-Dichlorobenzene
Concen: 76.83 ng
RT: 8.10 min Scan# 896
Delta R.T. 0.01 min
Lab File: BG025361.D
Acq: 21 Dec 2016 17:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.0	49.2	73.8
75	39.9	33.4	50.2

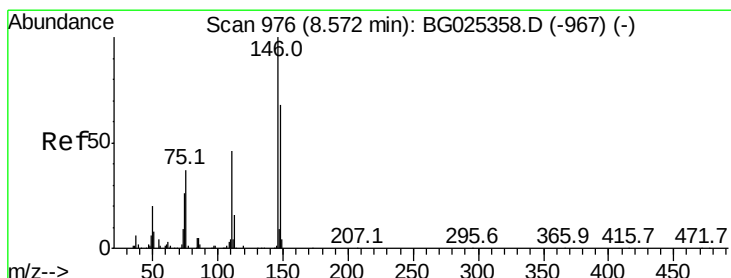
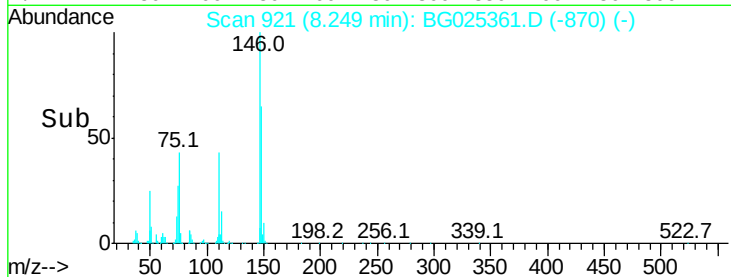
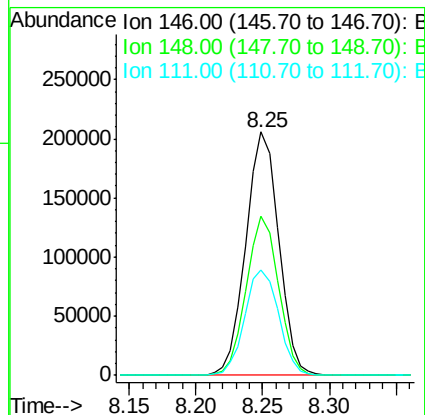
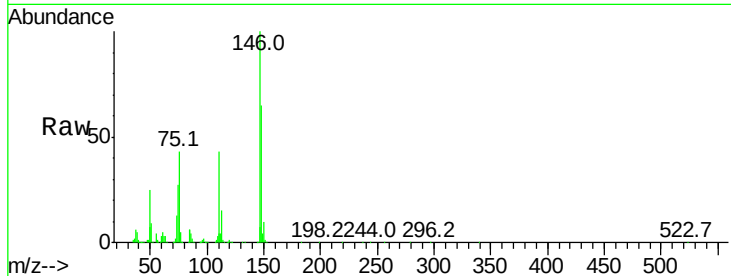




#13
1,4-Dichlorobenzene
Concen: 79.79 ng
RT: 8.25 min Scan# 921
Delta R.T. 0.00 min
Lab File: BG025361.D
Acq: 21 Dec 2016 17:19

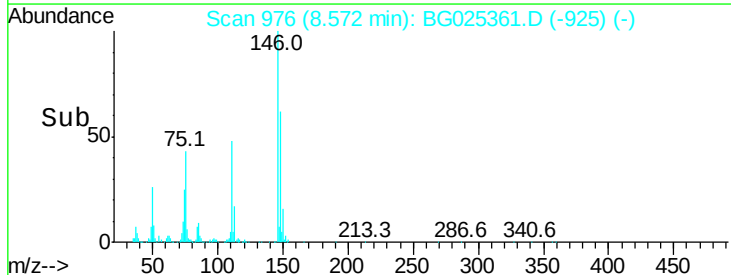
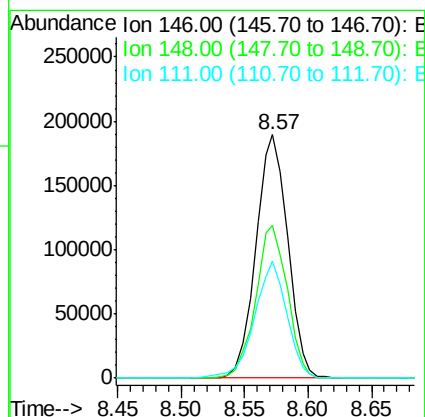
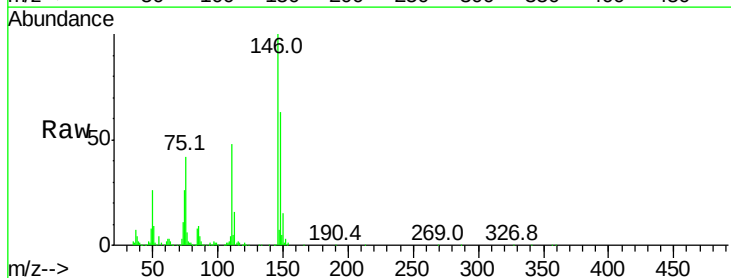
Instrument :
BNA_G
ClientSampleId :

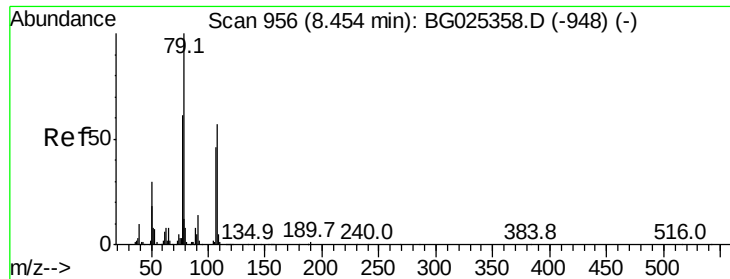
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.4	52.2	78.2
111	43.3	37.0	55.6



#14
1,2-Dichlorobenzene
Concen: 78.43 ng
RT: 8.57 min Scan# 976
Delta R.T. 0.00 min
Lab File: BG025361.D
Acq: 21 Dec 2016 17:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.5	54.6	81.8
111	48.0	39.7	59.5

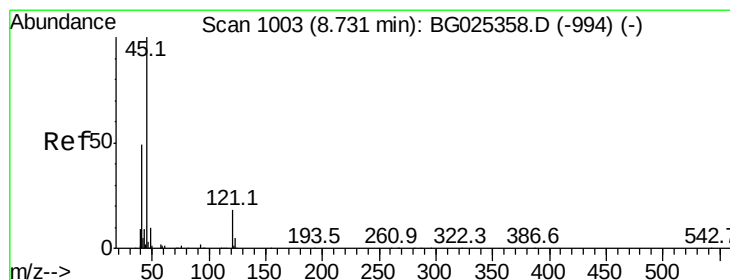
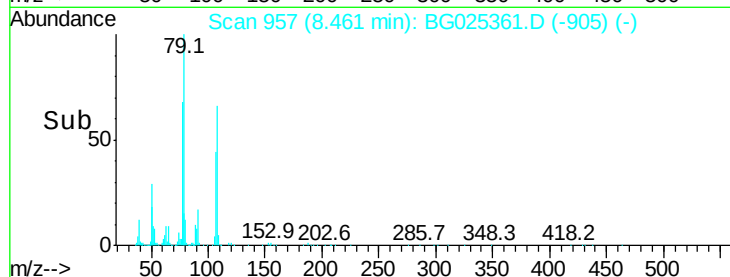
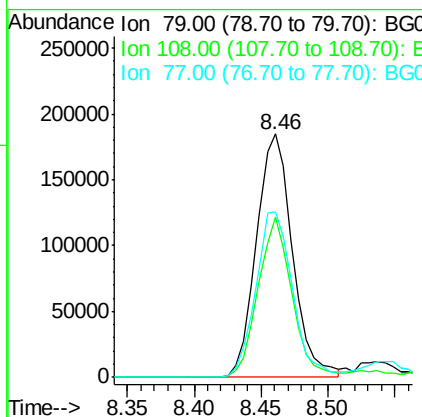
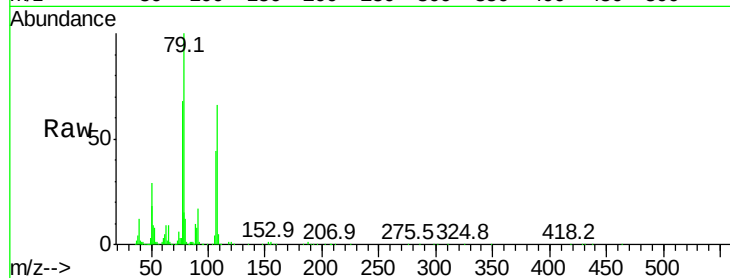




#15
Benzyl Alcohol
Concen: 76.64 ng
RT: 8.46 min Scan# 957
Delta R.T. 0.01 min
Lab File: BG025361.D
Acq: 21 Dec 2016 17:19

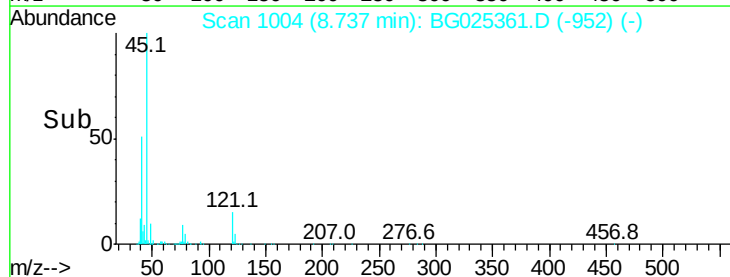
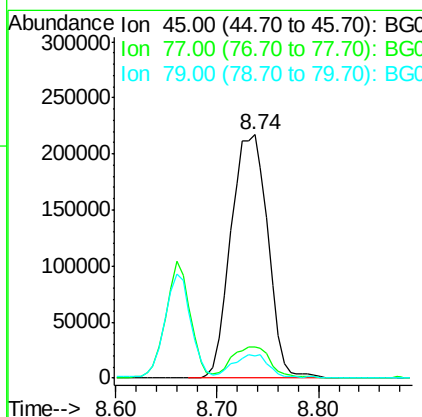
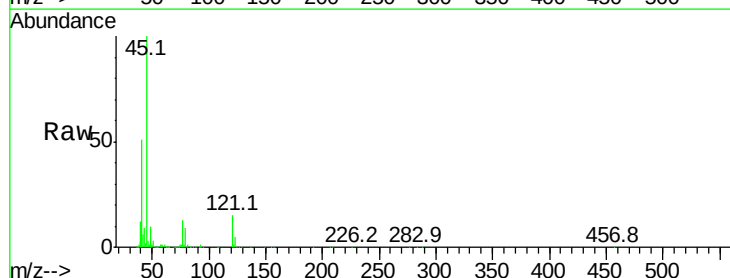
Instrument :
BNA_G
ClientSampleId :

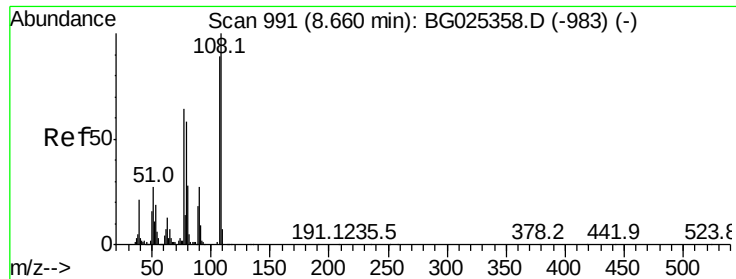
Tot Ion	Ratio	Lower	Upper
79	100		
108	65.8	45.5	68.3
77	67.7	54.3	81.5



#16
2,2'-oxybis(1-chloropropane)
Concen: 78.73 ng
RT: 8.74 min Scan# 1004
Delta R.T. 0.01 min
Lab File: BG025361.D
Acq: 21 Dec 2016 17:19

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.5	0.0	30.6
79	8.9	0.0	28.5





#17

2-Methylphenol

Concen: 77.98 ng

RT: 8.66 min Scan# 991

Delta R.T. 0.00 min

Lab File: BG025361.D

Acq: 21 Dec 2016 17:19

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 257819

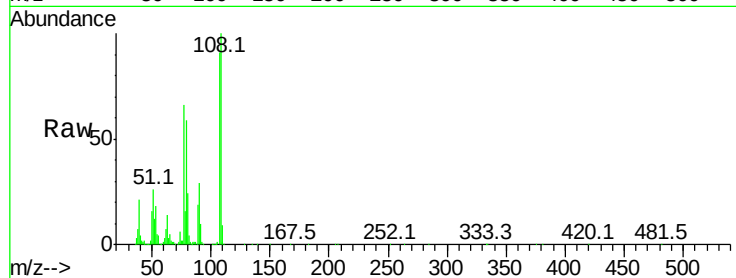
Ion Ratio Lower Upper

107 100

108 110.3 85.6 128.4

77 73.0 51.4 77.2

79 64.7 49.2 73.8



Abundance Ion 107.00 (106.70 to 107.70): E

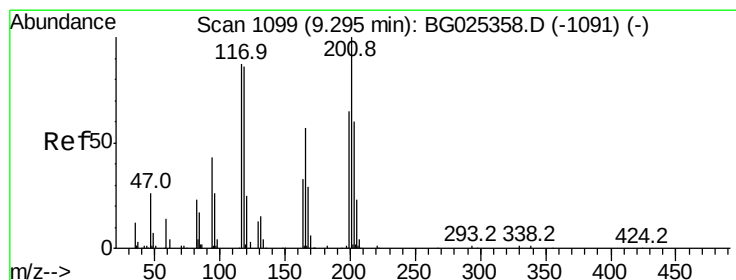
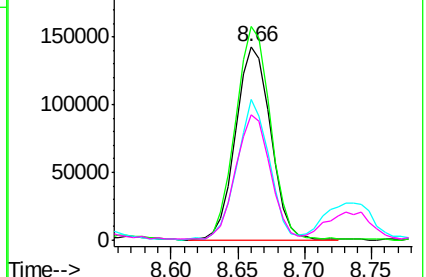
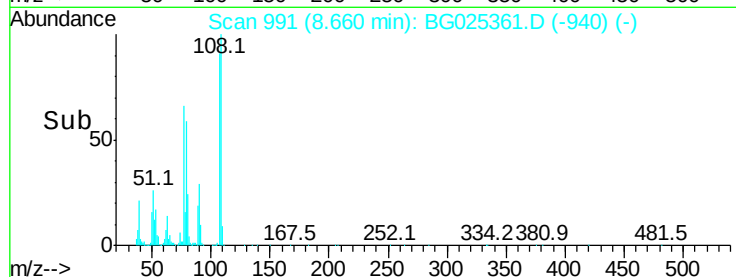
250000

Ion 108.00 (107.70 to 108.70): E

200000

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 80.21 ng

RT: 9.29 min Scan# 1099

Delta R.T. 0.00 min

Lab File: BG025361.D

Acq: 21 Dec 2016 17:19

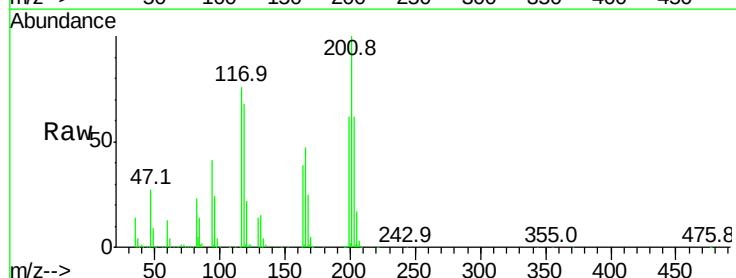
Tgt Ion:117 Resp: 135271

Ion Ratio Lower Upper

117 100

119 90.3 69.8 104.6

201 132.4 95.4 143.0

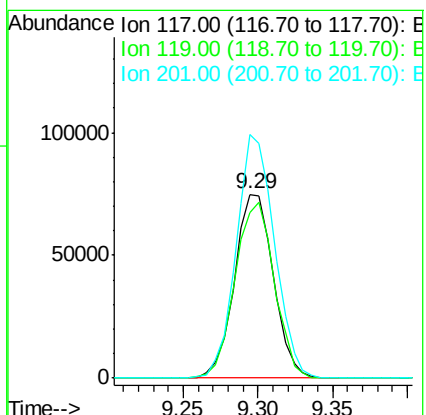
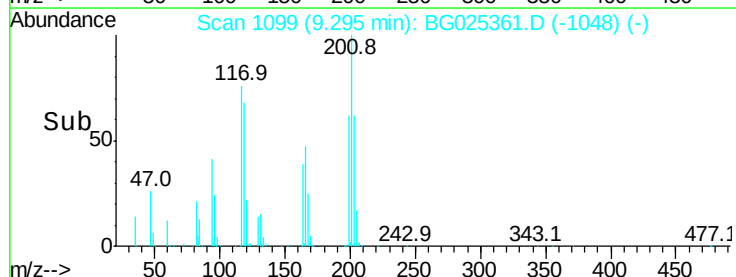


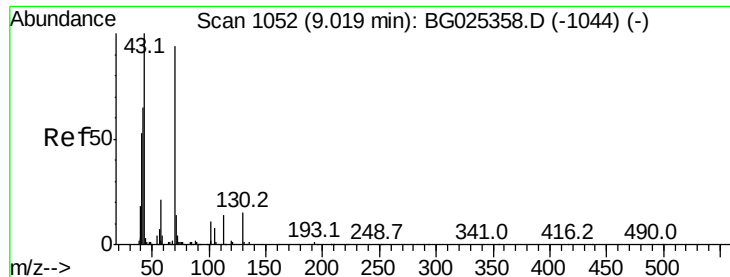
Abundance Ion 117.00 (116.70 to 117.70): E

100000

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

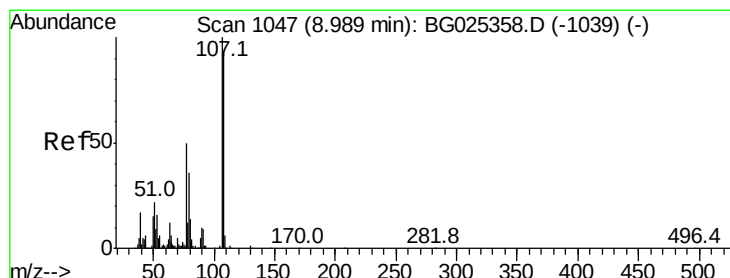
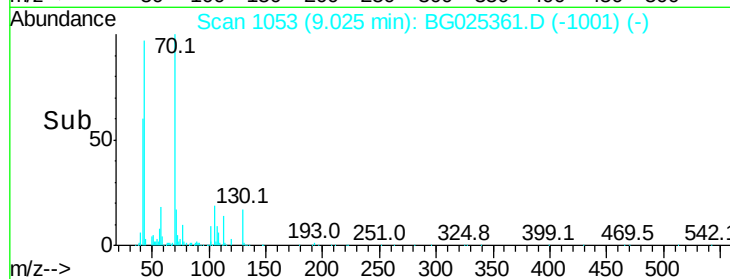
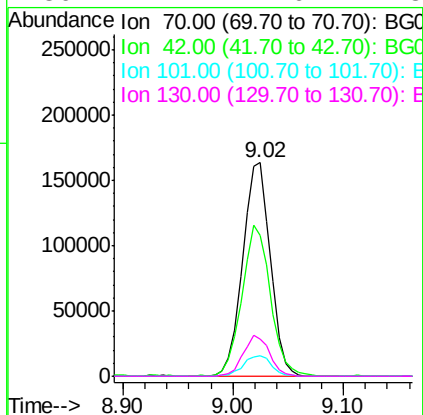
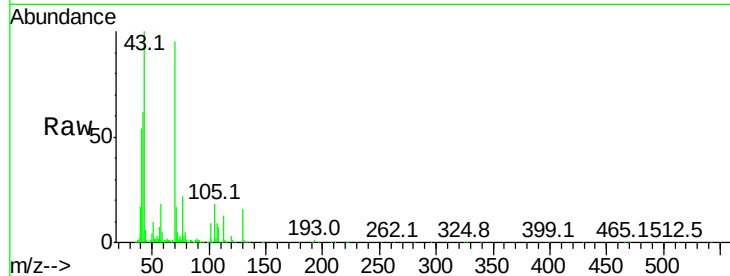




#19
 n-Nitroso-di-n-propylamine
 Concen: 80.85 ng
 RT: 9.02 min Scan# 1053
 Delta R.T. 0.01 min
 Lab File: BG025361.D
 Acq: 21 Dec 2016 17:19

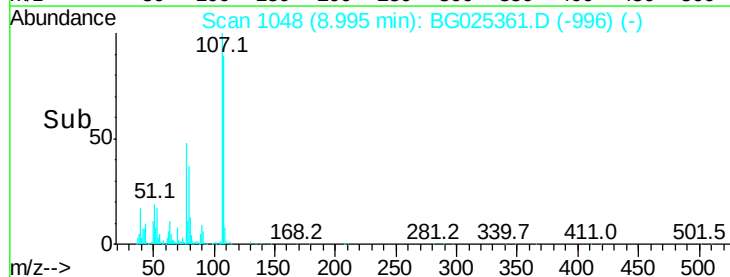
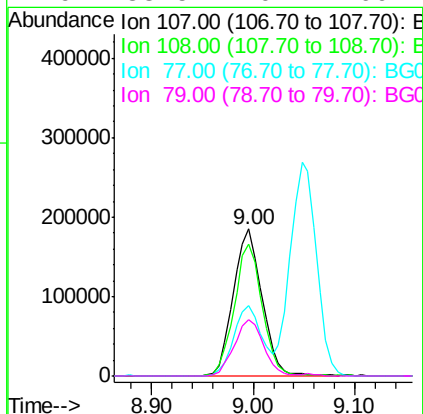
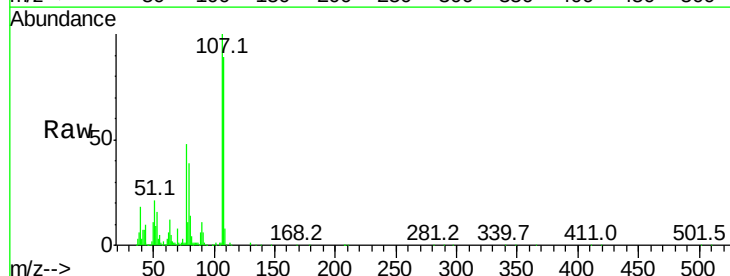
Instrument :
 BNA_G
 ClientSampled :

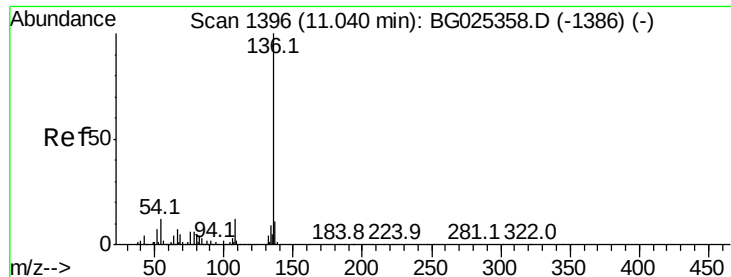
Tot Ion:	70	Resp:	288419
Ion	Ratio	Lower	Upper
70	100		
42	65.7	56.1	84.1
101	9.4	7.5	11.3
130	17.4	14.6	21.8



#20
 3+4-Methylphenols
 Concen: 81.99 ng
 RT: 9.00 min Scan# 1048
 Delta R.T. 0.01 min
 Lab File: BG025361.D
 Acq: 21 Dec 2016 17:19

Tgt Ion:	107	Resp:	363954
Ion	Ratio	Lower	Upper
107	100		
108	89.4	70.8	110.8
77	48.1	25.8	65.8
79	38.5	20.1	60.1

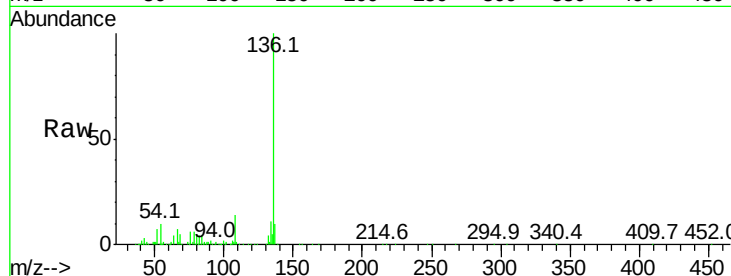




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.05 min Scan# 1397
Delta R.T. 0.01 min
Lab File: BG025361.D
Acq: 21 Dec 2016 17:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	245409
Ion Ratio	Lower	Upper
136 100		
137 10.4	8.9	13.3
54 10.4	9.3	13.9
68 5.2	5.1	7.7



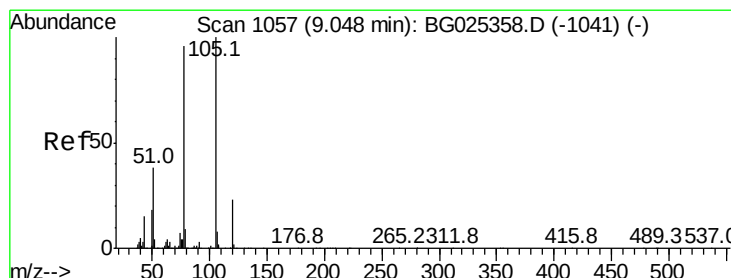
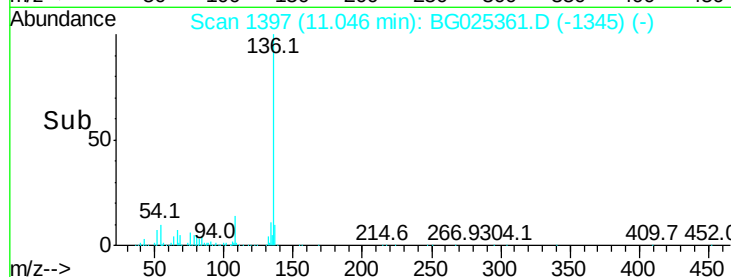
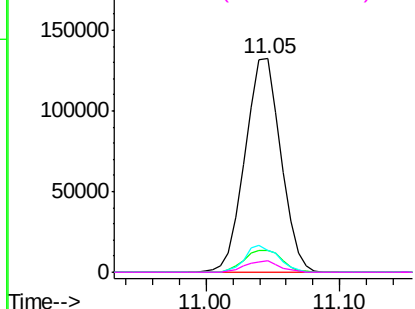
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

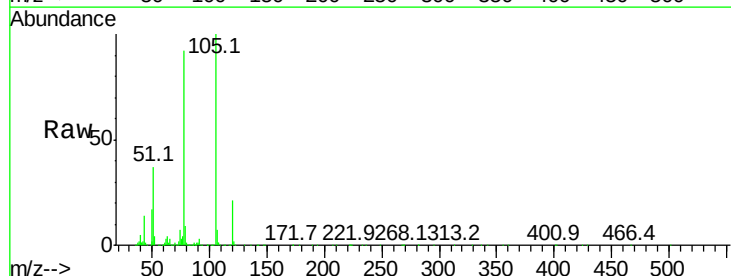
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 81.78 ng
RT: 9.05 min Scan# 1058
Delta R.T. 0.01 min
Lab File: BG025361.D
Acq: 21 Dec 2016 17:19

Tgt	Ion:105	Resp:	515502
Ion	Ratio	Lower	Upper
105	100		
71	0.3	0.9	1.3#
51	37.4	34.0	51.0
120	21.3	17.3	25.9



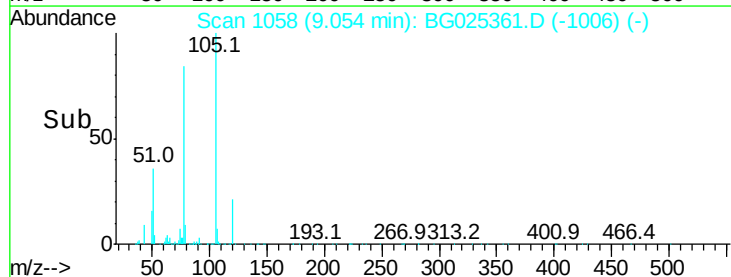
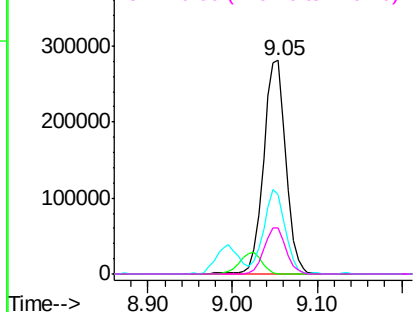
Abundance

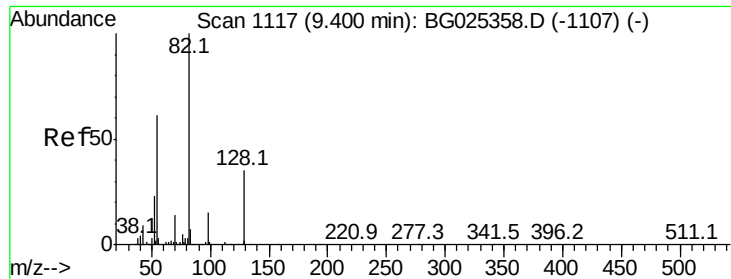
Ion 105.00 (104.70 to 105.70): E

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

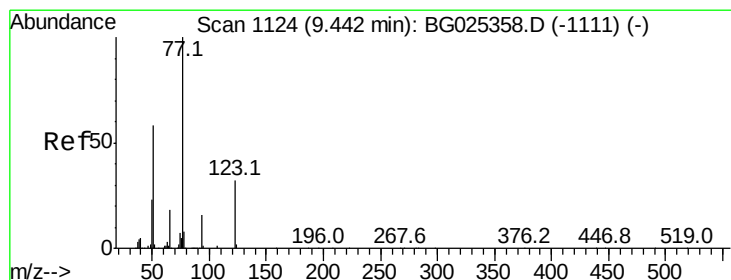
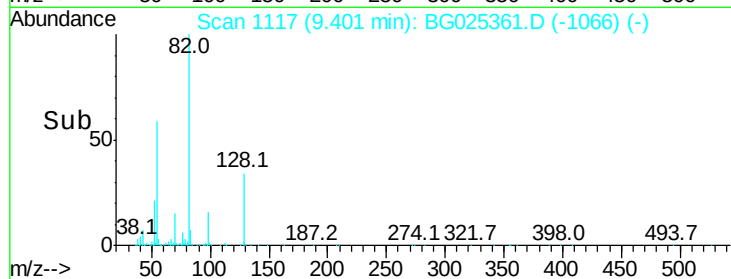
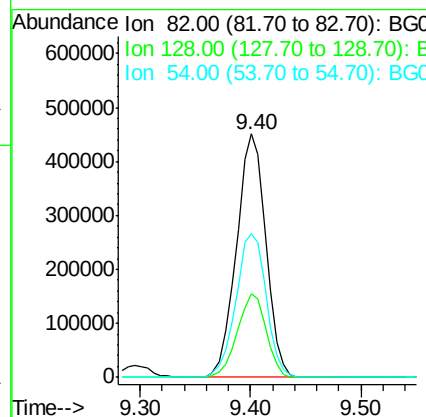
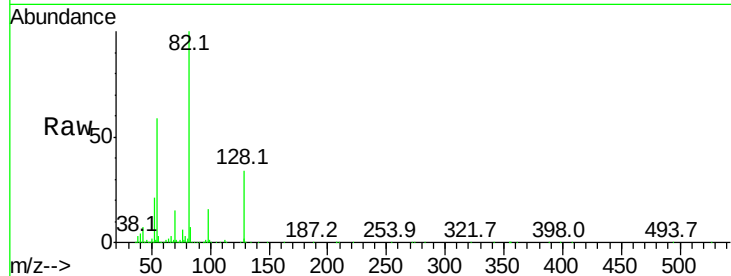




#23
 Nitrobenzene-d5
 Concen: 156.58 ng
 RT: 9.40 min Scan# 1117
 Delta R.T. 0.00 min
 Lab File: BG025361.D
 Acq: 21 Dec 2016 17:19

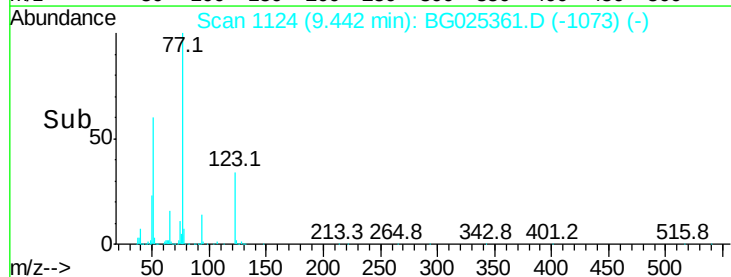
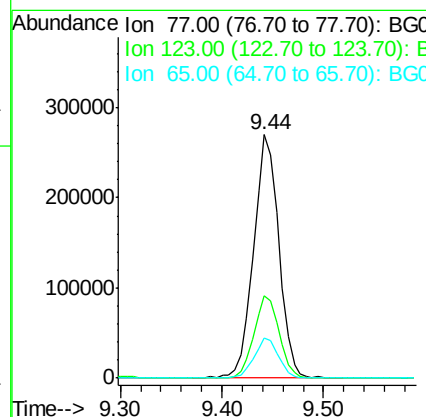
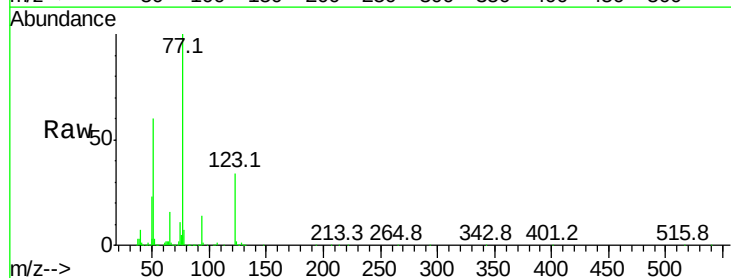
Instrument :
 BNA_G
 ClientSampleId :

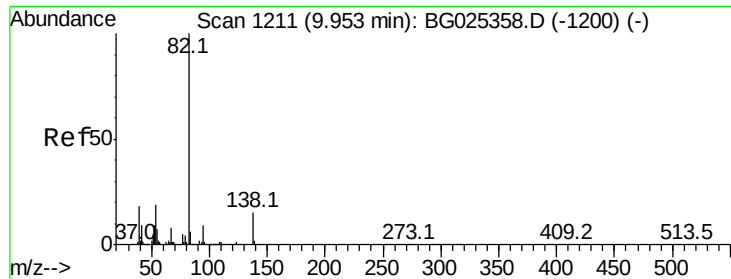
Tot Ion	Ratio	Lower	Upper
82	100		
128	34.4	26.4	39.6
54	59.1	49.4	74.2



#24
 Nitrobenzene
 Concen: 77.55 ng
 RT: 9.44 min Scan# 1124
 Delta R.T. 0.00 min
 Lab File: BG025361.D
 Acq: 21 Dec 2016 17:19

Tgt Ion	Ratio	Lower	Upper
77	100		
123	33.9	26.1	39.1
65	16.5	12.4	18.6





#25

Isophorone

Concen: 76.39 ng

RT: 9.96 min Scan# 1212

Delta R.T. 0.01 min

Lab File: BG025361.D

Acq: 21 Dec 2016 17:19

Instrument :

BNA_G

ClientSampled :

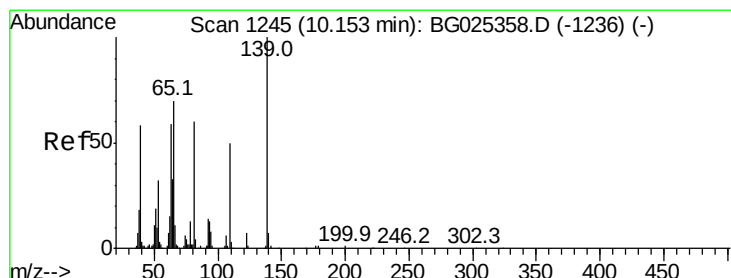
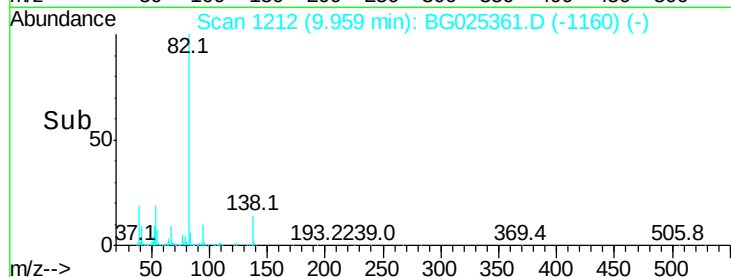
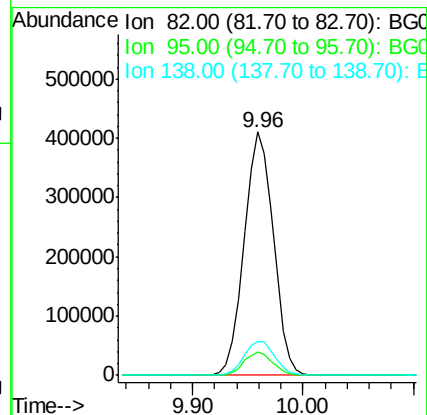
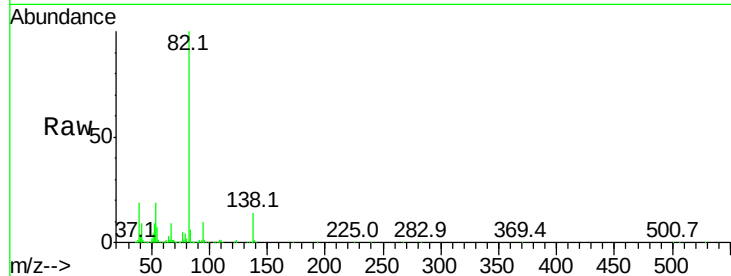
Tot Ion: 82 Resp: 765915

Ion Ratio Lower Upper

82 100

95 9.9 7.5 11.3

138 13.7 12.3 18.5



#26

2-Nitrophenol

Concen: 81.73 ng

RT: 10.15 min Scan# 1245

Delta R.T. 0.00 min

Lab File: BG025361.D

Acq: 21 Dec 2016 17:19

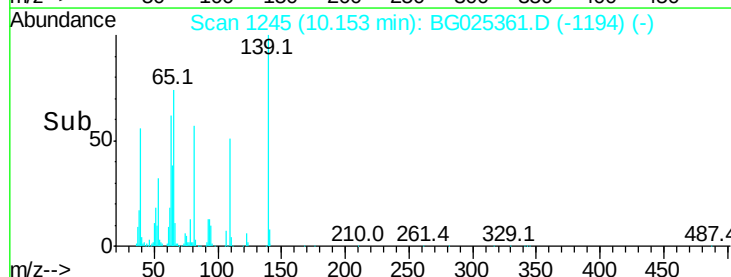
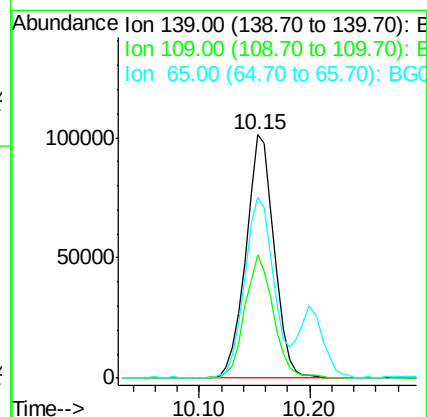
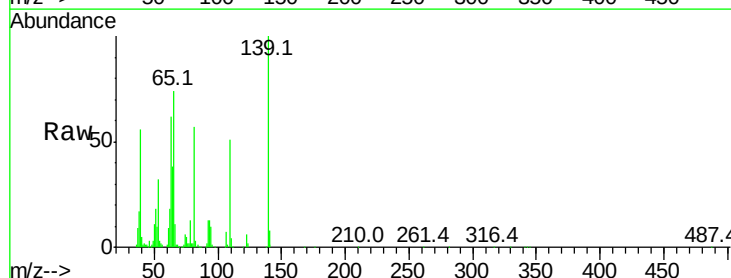
Tgt Ion: 139 Resp: 181915

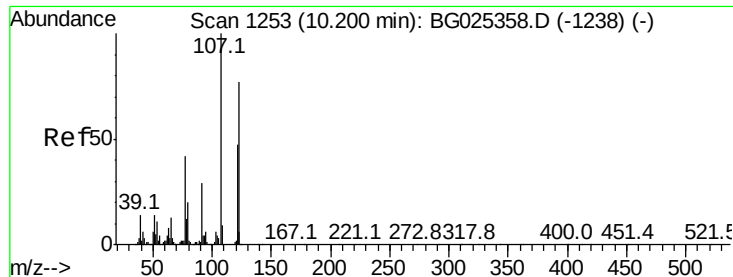
Ion Ratio Lower Upper

139 100

109 50.5 38.6 58.0

65 74.1 57.1 85.7

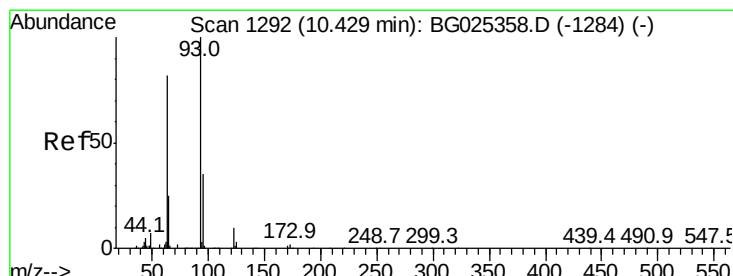
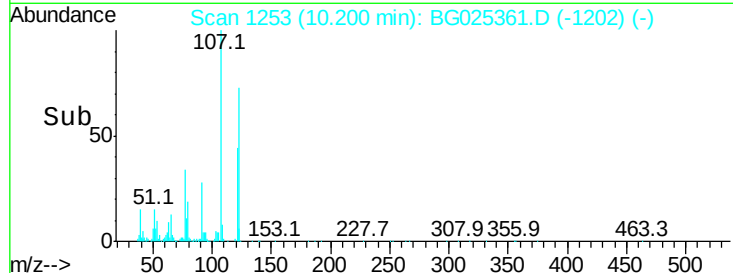
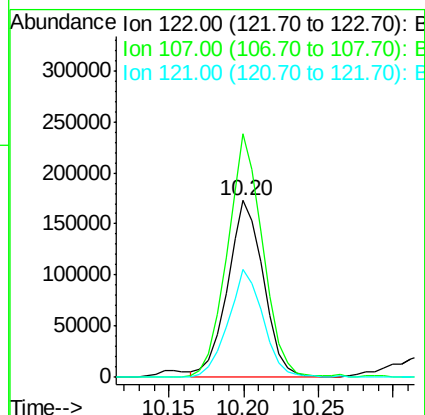
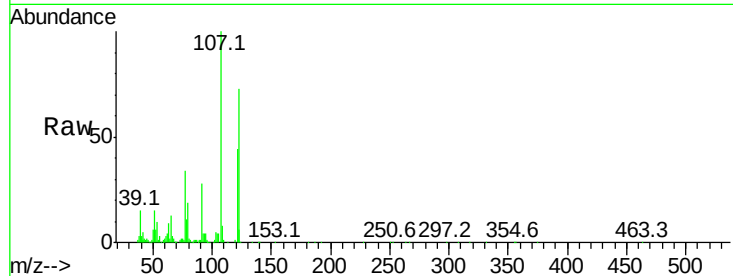




#27
 2,4-Dimethylphenol
 Concen: 73.82 ng
 RT: 10.20 min Scan# 1253
 Delta R.T. 0.00 min
 Lab File: BG025361.D
 Acq: 21 Dec 2016 17:19

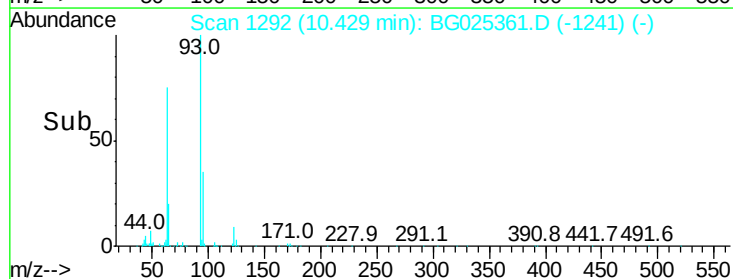
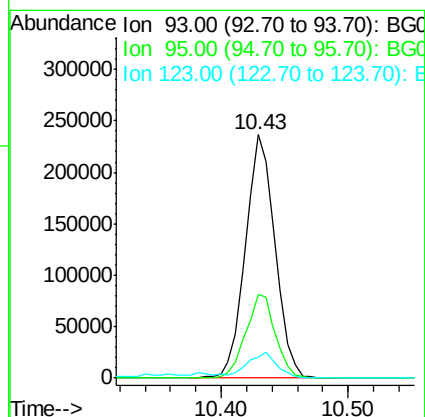
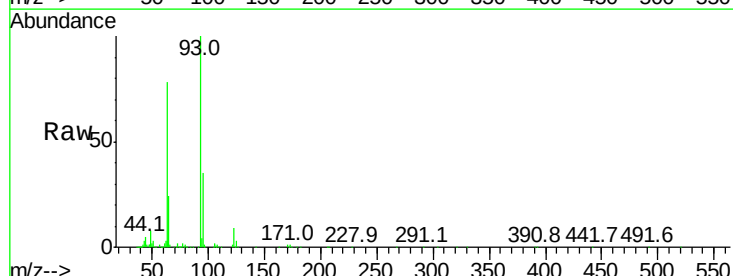
Instrument :
 BNA_G
 ClientSampleId :

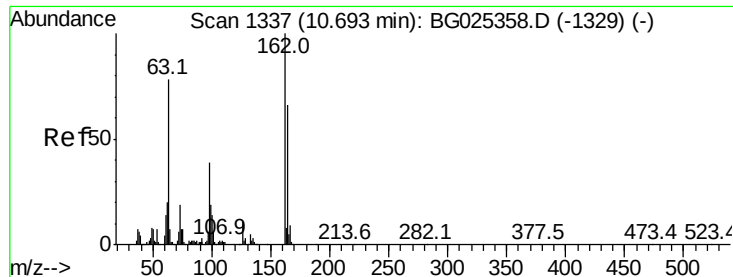
Tot Ion	Ratio	Lower	Upper
122	100		
107	137.6	104.2	156.4
121	61.0	46.0	69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 73.54 ng
 RT: 10.43 min Scan# 1292
 Delta R.T. 0.00 min
 Lab File: BG025361.D
 Acq: 21 Dec 2016 17:19

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.6	25.7	38.5
123	8.6	8.3	12.5





#29

2,4-Dichlorophenol

Concen: 79.37 ng

RT: 10.69 min Scan# 1337

Delta R.T. 0.00 min

Lab File: BG025361.D

Acq: 21 Dec 2016 17:19

Instrument :

BNA_G

ClientSampleId :

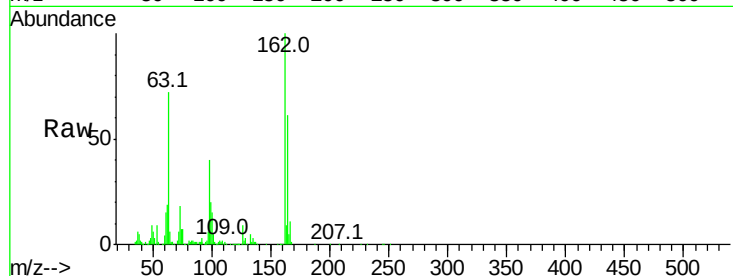
Tot Ion:162 Resp: 324574

Ion Ratio Lower Upper

162 100

164 61.3 42.4 82.4

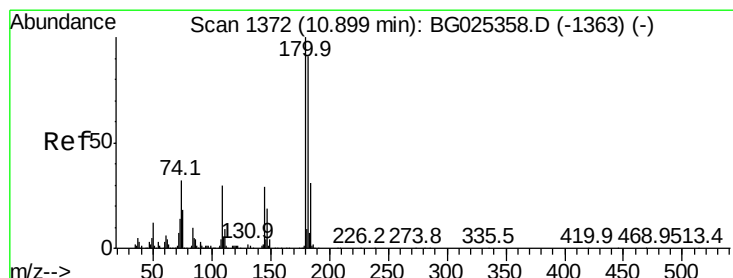
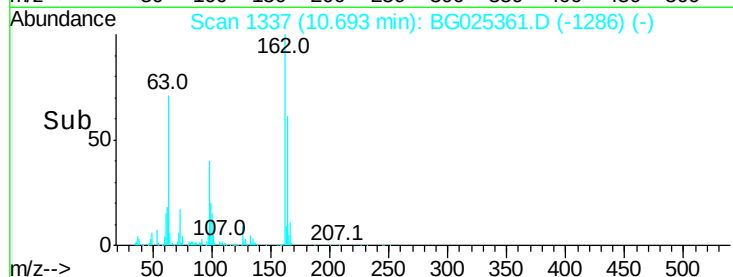
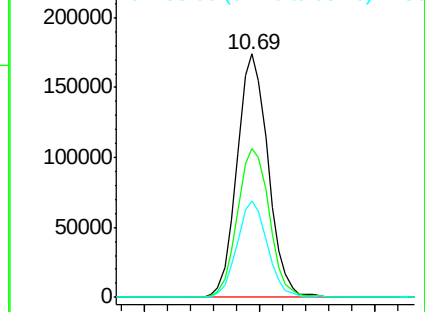
98 39.5 20.3 60.3



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: 76.52 ng

RT: 10.90 min Scan# 1372

Delta R.T. 0.00 min

Lab File: BG025361.D

Acq: 21 Dec 2016 17:19

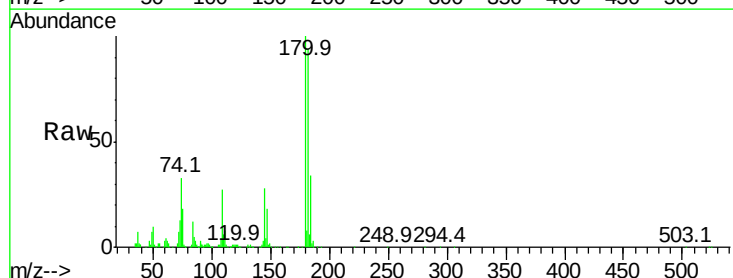
Tgt Ion:180 Resp: 371223

Ion Ratio Lower Upper

180 100

182 94.3 77.0 115.4

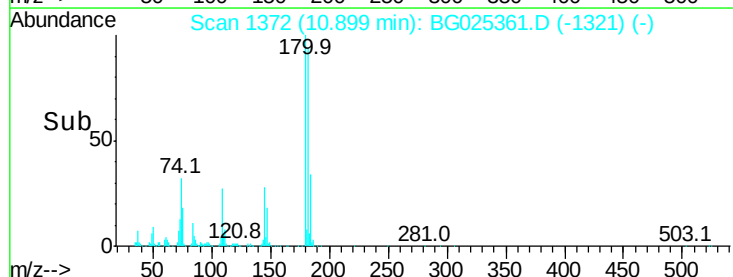
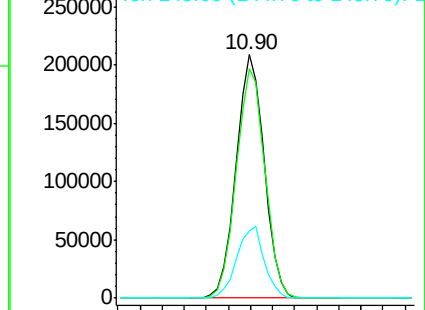
145 27.7 23.4 35.0

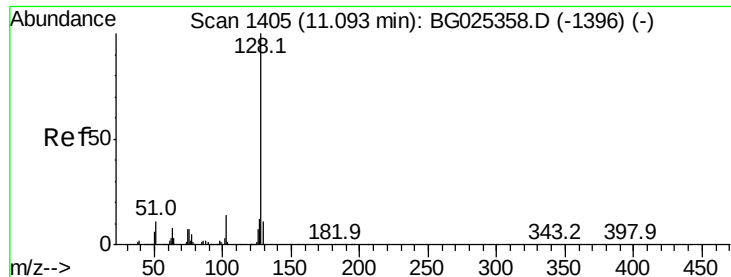


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

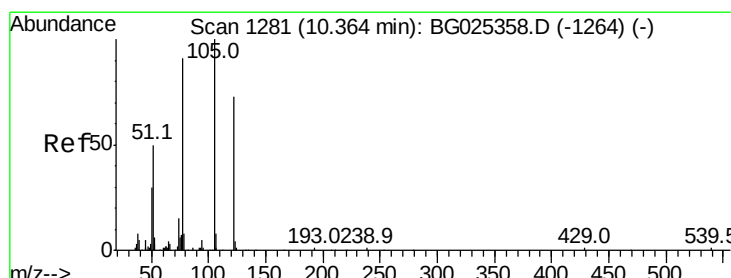
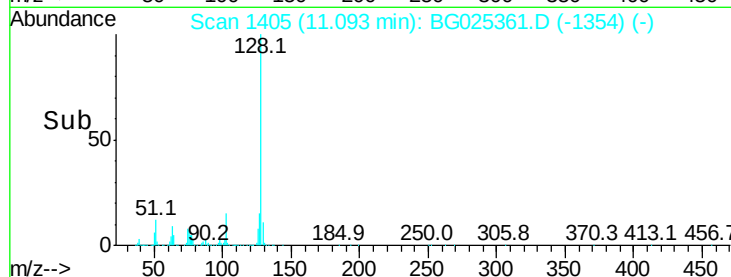
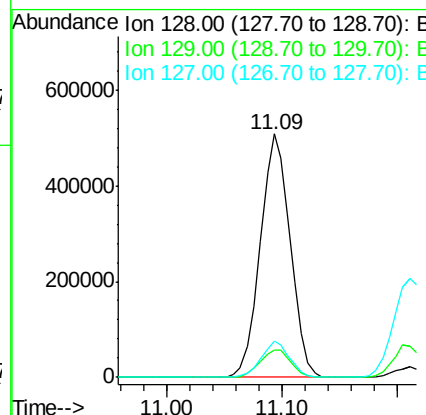
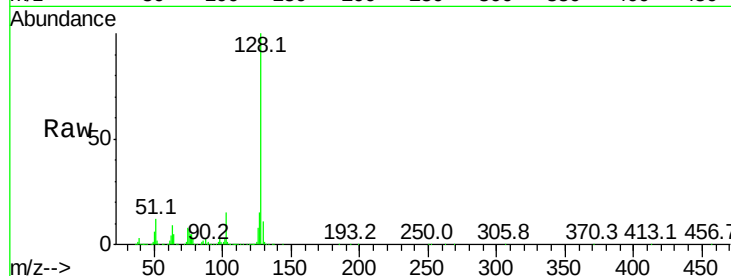




#31
Naphthalene
Concen: 74.83 ng
RT: 11.09 min Scan# 1405
Delta R.T. 0.00 min
Lab File: BG025361.D
Acq: 21 Dec 2016 17:19

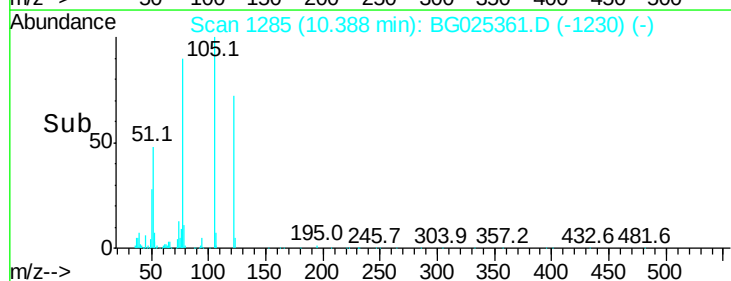
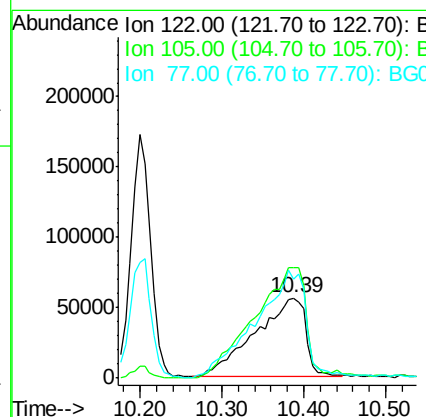
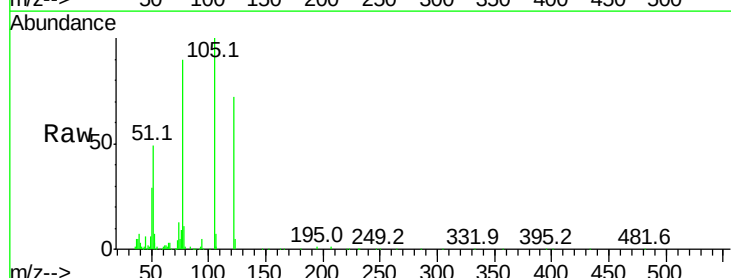
Instrument :
BNA_G
ClientSampleId :

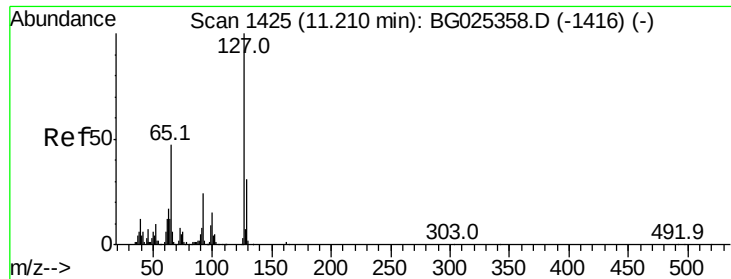
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.3	13.9
127	14.7	11.4	17.0



#32
Benzoic acid
Concen: 75.48 ng
RT: 10.39 min Scan# 1285
Delta R.T. 0.02 min
Lab File: BG025361.D
Acq: 21 Dec 2016 17:19

Tgt Ion	Ratio	Lower	Upper
122	100		
105	138.0	120.1	160.1
77	124.2	104.6	144.6

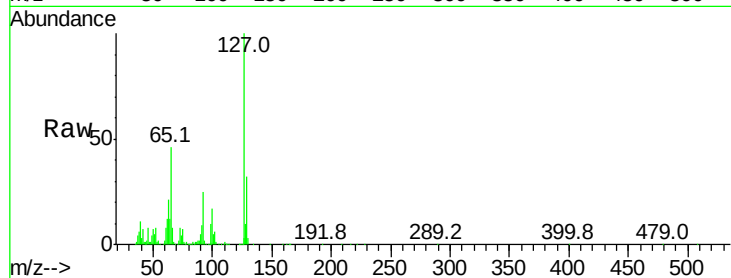




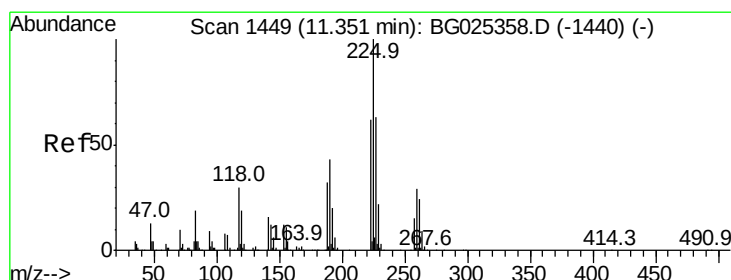
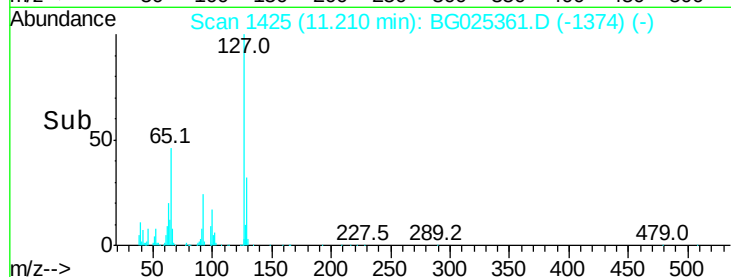
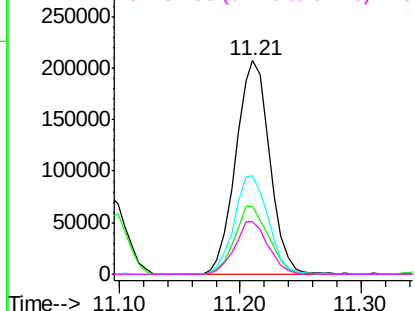
#33
4-Chloroaniline
Concen: 76.16 ng
RT: 11.21 min Scan# 1425
Delta R.T. 0.00 min
Lab File: BG025361.D
Acq: 21 Dec 2016 17:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	404816
Ion Ratio	Lower	Upper
127	100	
129	31.9	23.6 35.4
65	46.1	37.7 56.5
92	24.8	17.6 26.4

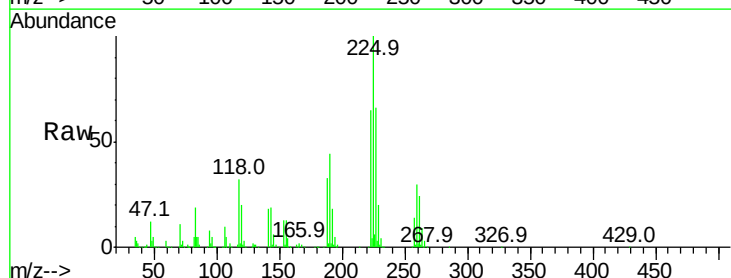


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

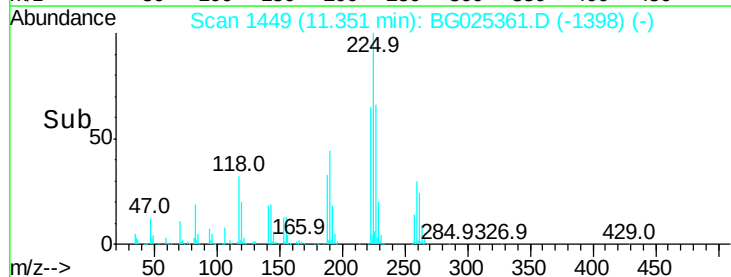
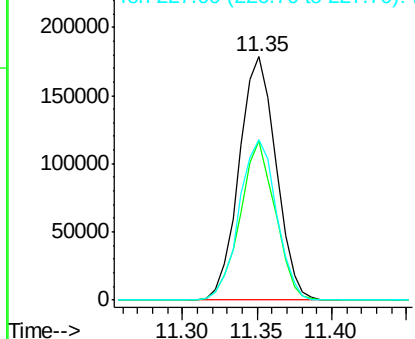


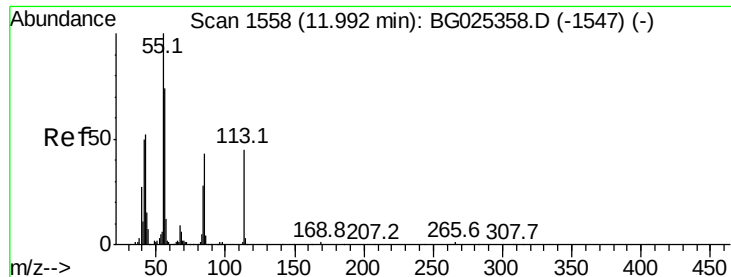
#34
Hexachlorobutadiene
Concen: 80.59 ng
RT: 11.35 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BG025361.D
Acq: 21 Dec 2016 17:19

Tgt Ion:225	Resp:	305997
Ion Ratio	Lower	Upper
225	100	
223	65.3	50.7 76.1
227	65.9	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

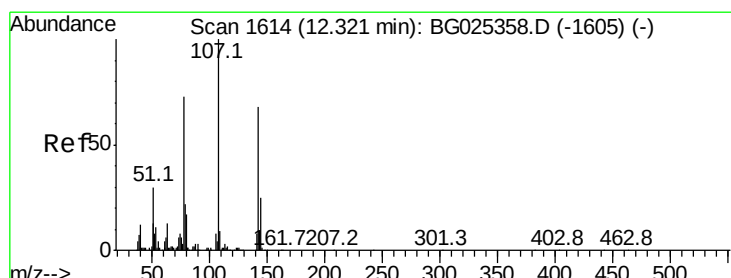
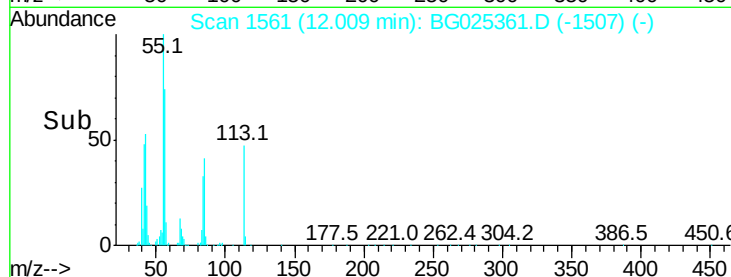
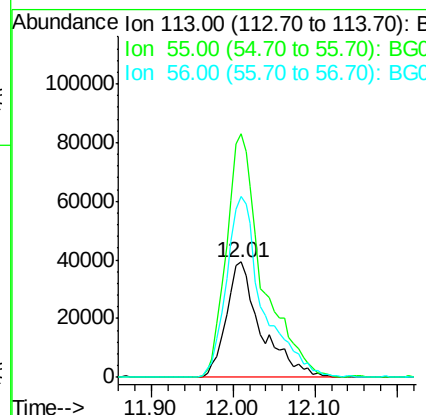
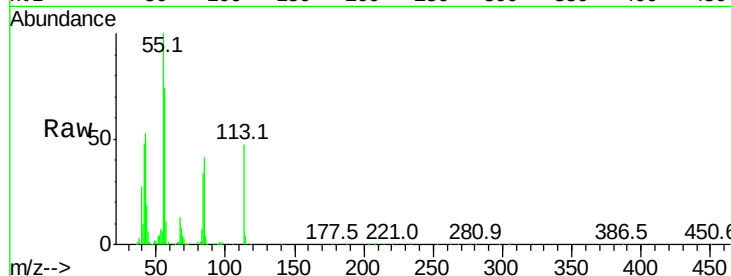




#35
Caprolactam
Concen: 78.12 ng
RT: 12.01 min Scan# 1561
Delta R.T. 0.02 min
Lab File: BG025361.D
Acq: 21 Dec 2016 17:19

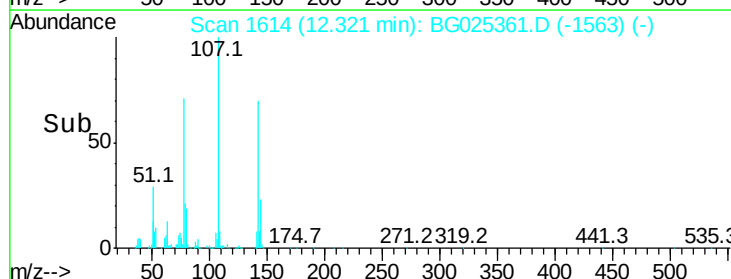
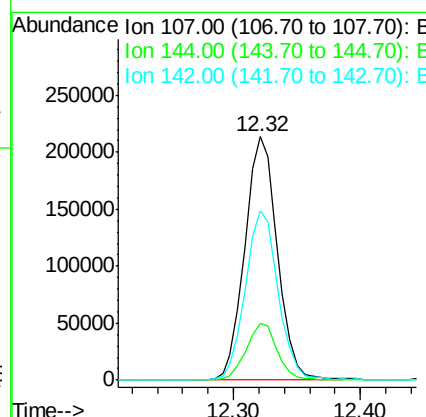
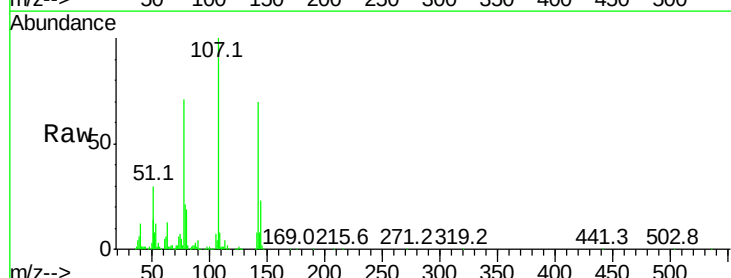
Instrument :
BNA_G
ClientSampleId :

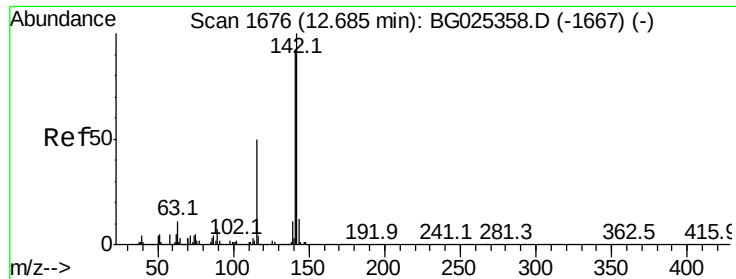
Tot Ion:113 Resp: 116964
Ion Ratio Lower Upper
113 100
55 210.8 198.6 238.6
56 156.1 140.4 180.4



#36
4-Chloro-3-methylphenol
Concen: 77.10 ng
RT: 12.32 min Scan# 1614
Delta R.T. 0.00 min
Lab File: BG025361.D
Acq: 21 Dec 2016 17:19

Tgt Ion:107 Resp: 380618
Ion Ratio Lower Upper
107 100
144 23.2 17.4 26.0
142 69.8 54.1 81.1

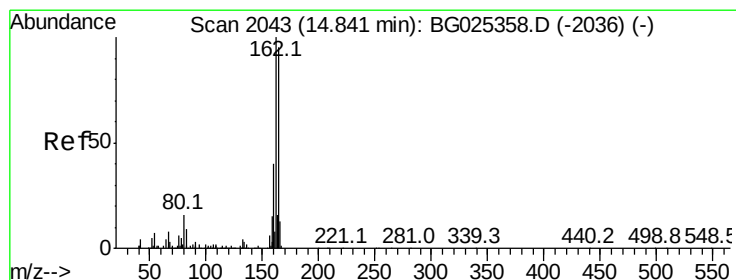
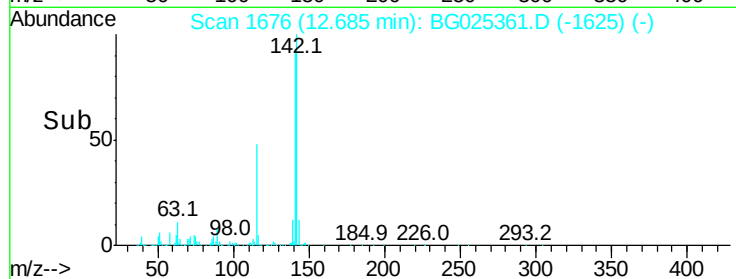
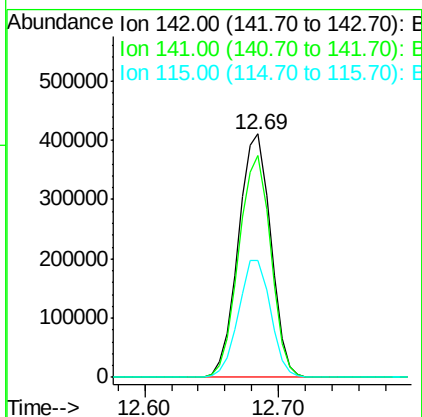
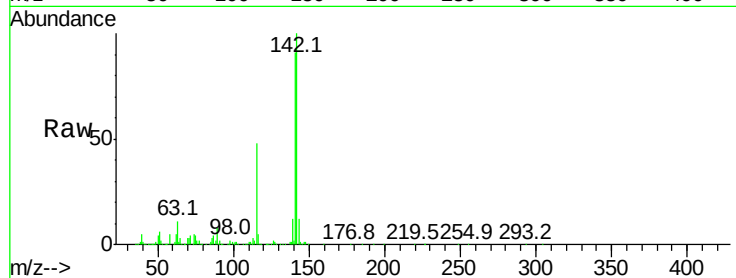




#37
2-Methylnaphthalene
Concen: 77.41 ng
RT: 12.69 min Scan# 1676
Delta R.T. 0.00 min
Lab File: BG025361.D
Acq: 21 Dec 2016 17:19

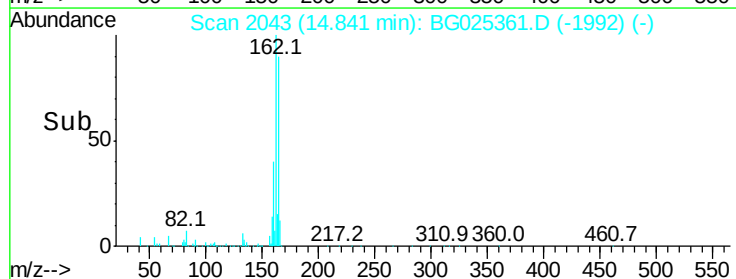
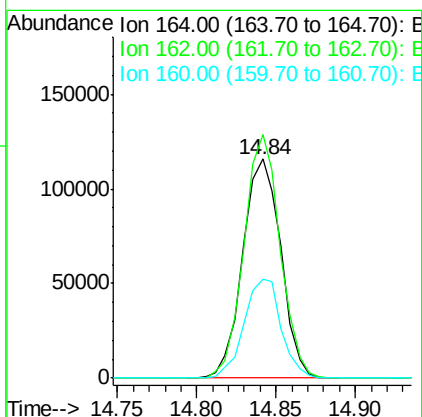
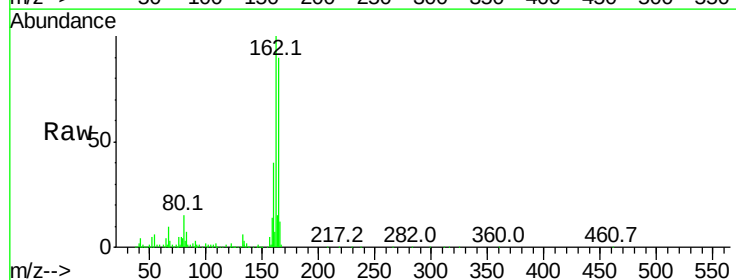
Instrument :
BNA_G
ClientSampled :

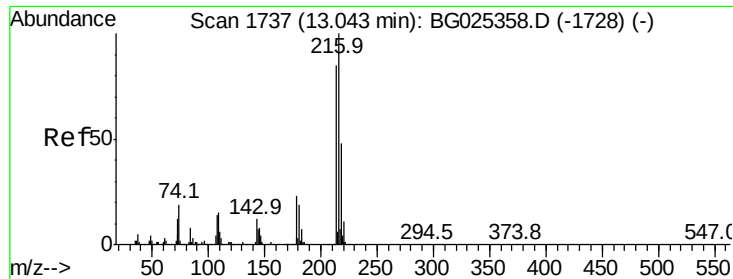
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.2	70.4	105.6
115	48.2	35.5	53.3



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.84 min Scan# 2043
Delta R.T. 0.00 min
Lab File: BG025361.D
Acq: 21 Dec 2016 17:19

Tgt Ion	Ratio	Lower	Upper
164	100		
162	111.3	85.1	127.7
160	45.0	34.7	52.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 75.38 ng

RT: 13.04 min Scan# 1737

Delta R.T. 0.00 min

Lab File: BG025361.D

Acq: 21 Dec 2016 17:19

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 491610

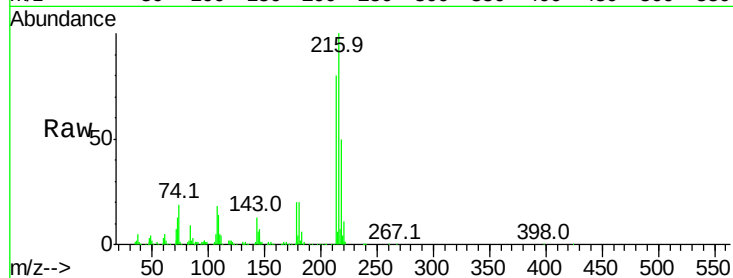
Ion Ratio Lower Upper

216 100

214 79.9 64.4 96.6

179 20.6 17.4 26.0

108 17.1 15.6 23.4

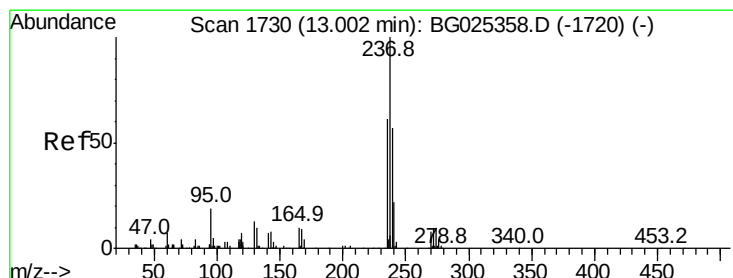
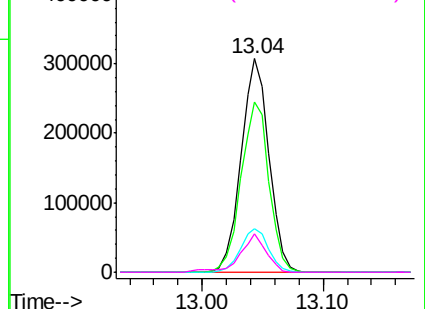
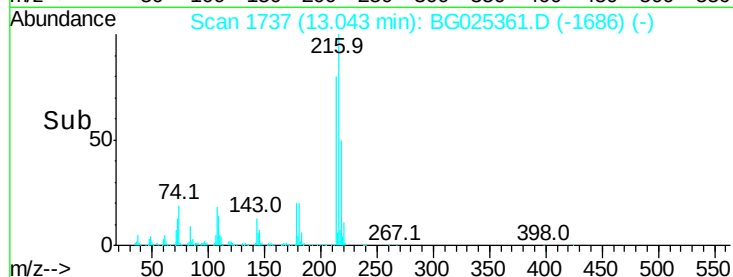


Abundance Ion 216.00 (215.70 to 216.70): E

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: 51.43 ng

RT: 13.00 min Scan# 1730

Delta R.T. 0.00 min

Lab File: BG025361.D

Acq: 21 Dec 2016 17:19

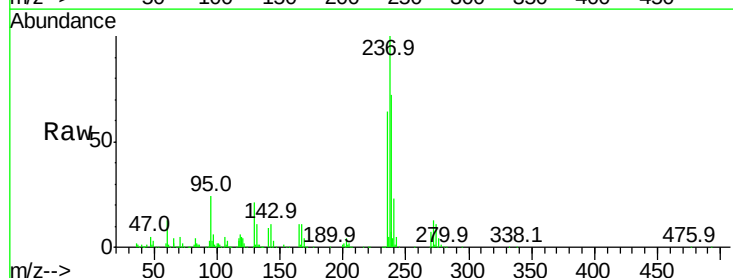
Tgt Ion:237 Resp: 188883

Ion Ratio Lower Upper

237 100

235 63.8 39.4 79.4

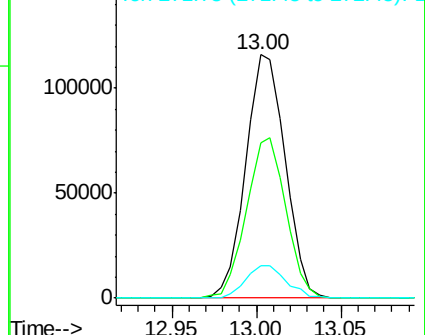
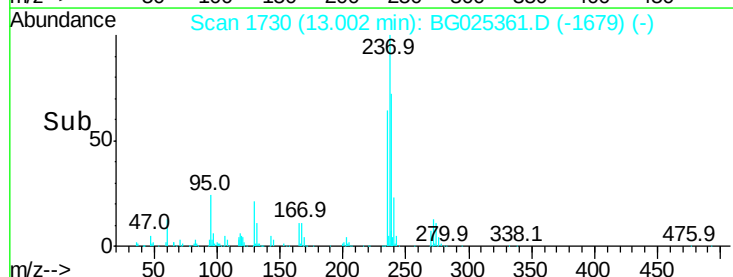
272 13.1 0.0 32.0

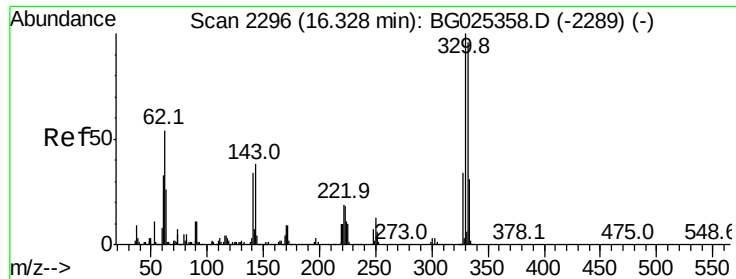


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

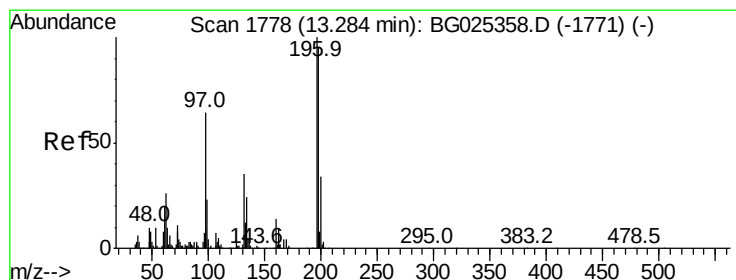
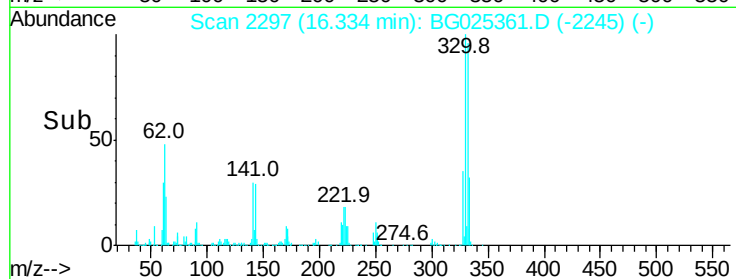
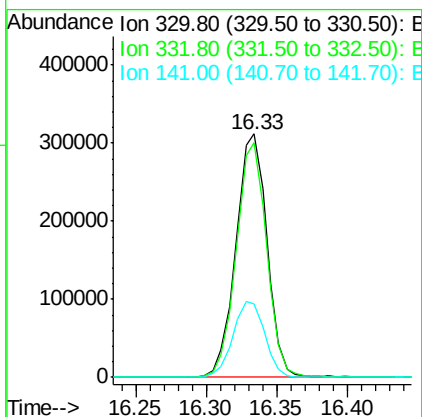
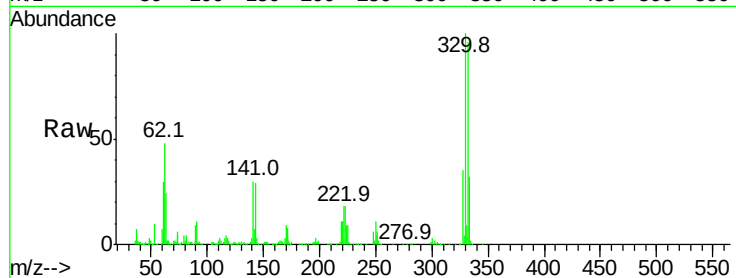




#41
 2,4,6-Tribromophenol
 Concen: 166.21 ng
 RT: 16.33 min Scan# 2297
 Delta R.T. 0.01 min
 Lab File: BG025361.D
 Acq: 21 Dec 2016 17:19

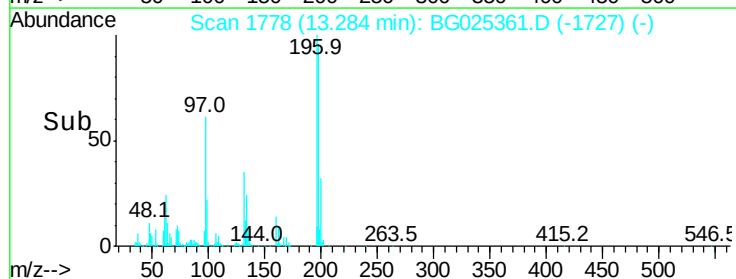
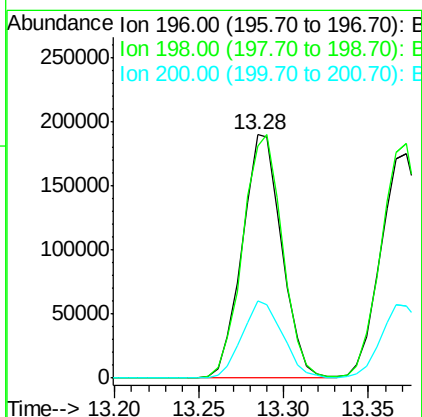
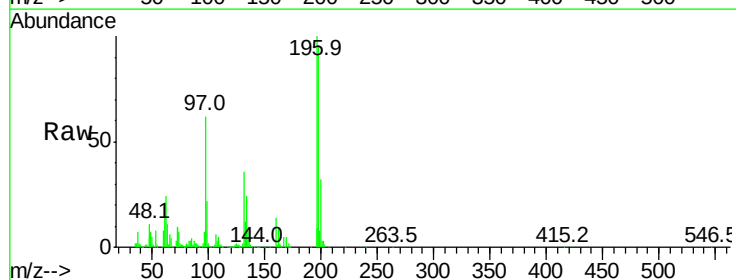
Instrument :
 BNA_G
 ClientSampleId :

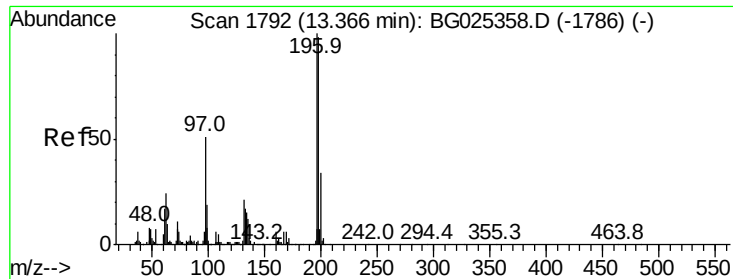
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.3	77.3	115.9
141	31.8	32.1	48.1#



#42
 2,4,6-Trichlorophenol
 Concen: 79.18 ng
 RT: 13.28 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: BG025361.D
 Acq: 21 Dec 2016 17:19

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.6	81.4	122.2
200	31.6	27.0	40.6

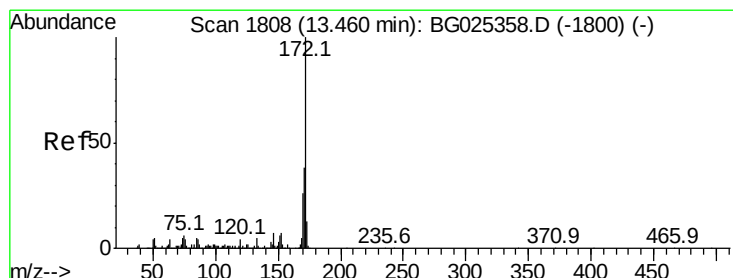
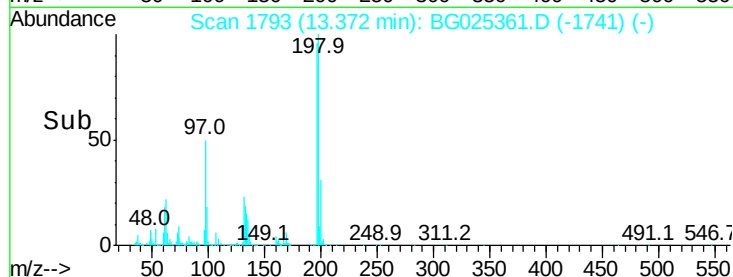
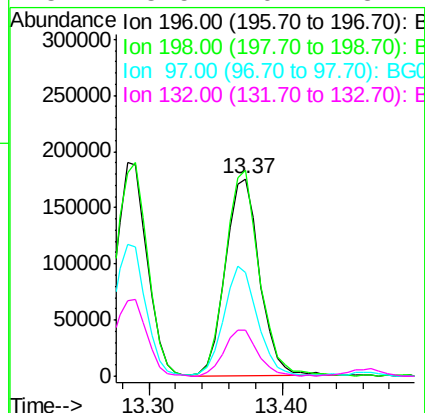
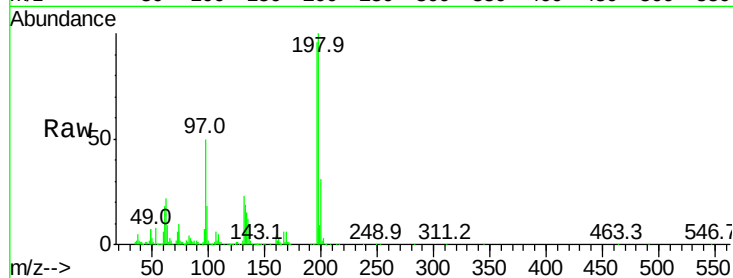




#43
 2,4,5-Trichlorophenol
 Concen: 74.28 ng
 RT: 13.37 min Scan# 1793
 Delta R.T. 0.01 min
 Lab File: BG025361.D
 Acq: 21 Dec 2016 17:19

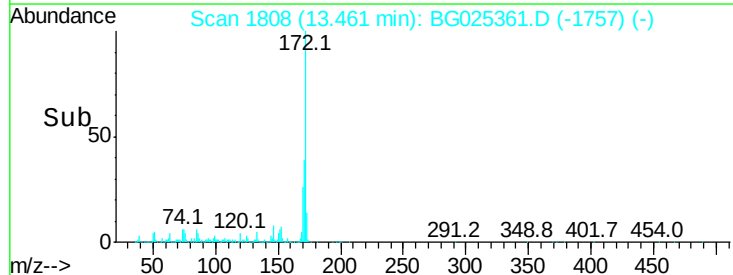
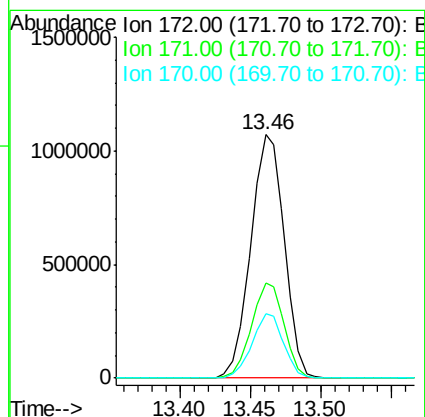
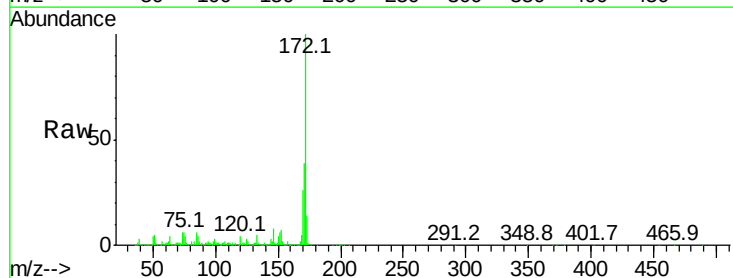
Instrument :
 BNA_G
 ClientSampleId :

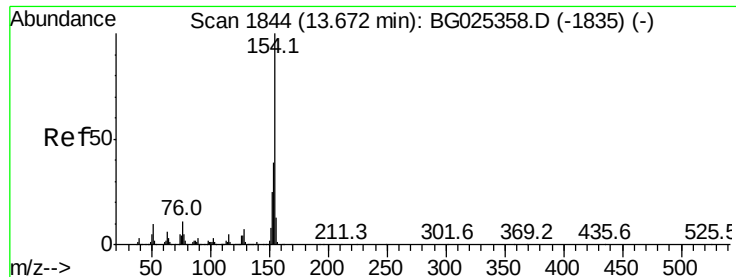
Tot Ion:196 Resp: 314808
 Ion Ratio Lower Upper
 196 100
 198 104.4 79.9 119.9
 97 52.4 45.4 68.0
 132 23.5 20.7 31.1



#44
 2-Fluorobiphenyl
 Concen: 153.21 ng
 RT: 13.46 min Scan# 1808
 Delta R.T. 0.00 min
 Lab File: BG025361.D
 Acq: 21 Dec 2016 17:19

Tgt Ion:172 Resp: 1782379
 Ion Ratio Lower Upper
 172 100
 171 38.9 32.2 48.2
 170 26.5 21.8 32.6





#45

1,1'-Biphenyl

Concen: 72.53 ng

RT: 13.68 min Scan# 1845

Delta R.T. 0.01 min

Lab File: BG025361.D

Acq: 21 Dec 2016 17:19

Instrument :

BNA_G

ClientSampleId :

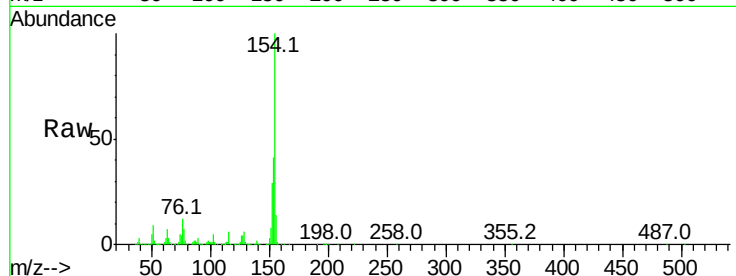
Tot Ion:154 Resp: 973121

Ion Ratio Lower Upper

154 100

153 40.9 23.0 63.0

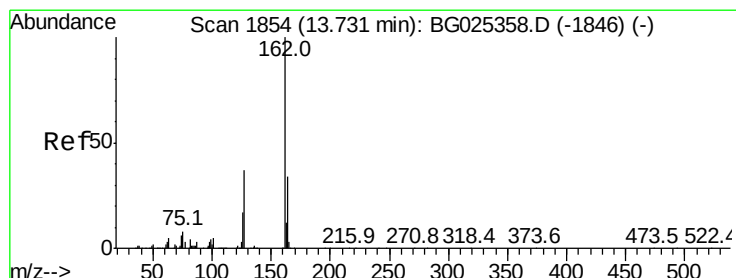
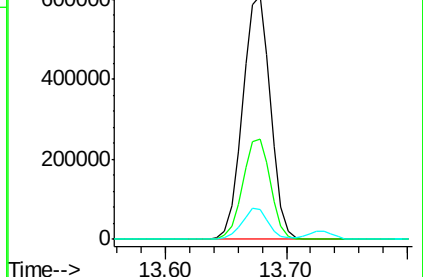
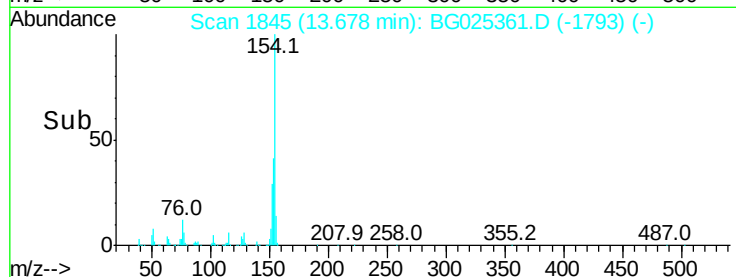
76 12.5 0.0 33.5



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): BGC



#46

2-Chloronaphthalene

Concen: 75.23 ng

RT: 13.73 min Scan# 1854

Delta R.T. 0.00 min

Lab File: BG025361.D

Acq: 21 Dec 2016 17:19

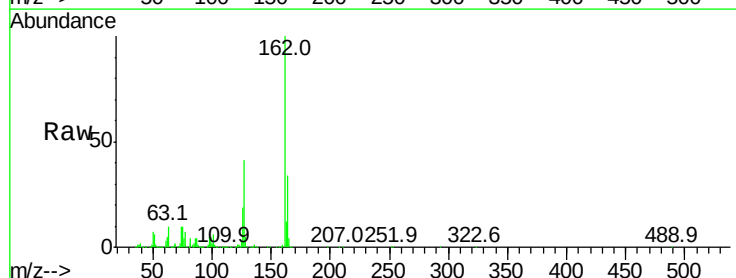
Tgt Ion:162 Resp: 768610

Ion Ratio Lower Upper

162 100

127 40.9 32.2 48.4

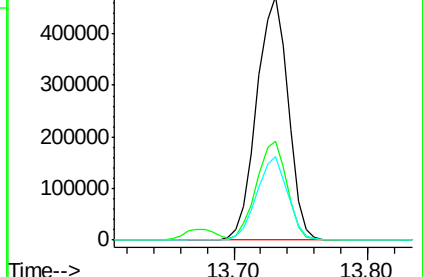
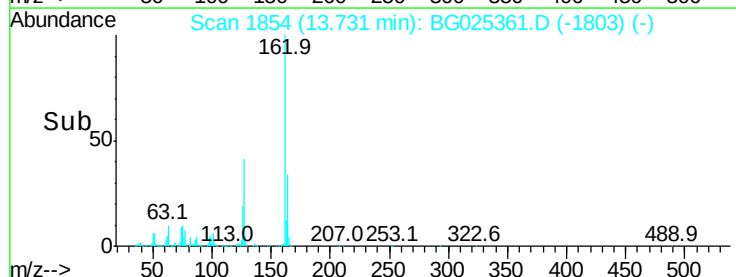
164 34.4 27.3 40.9

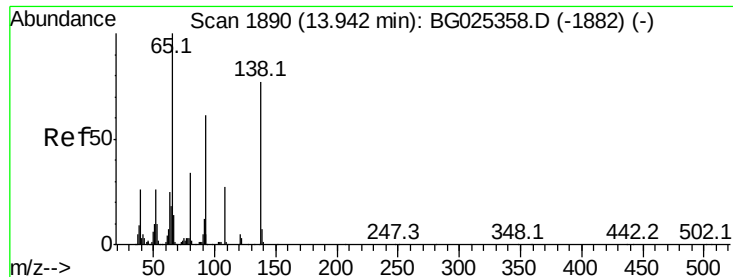


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

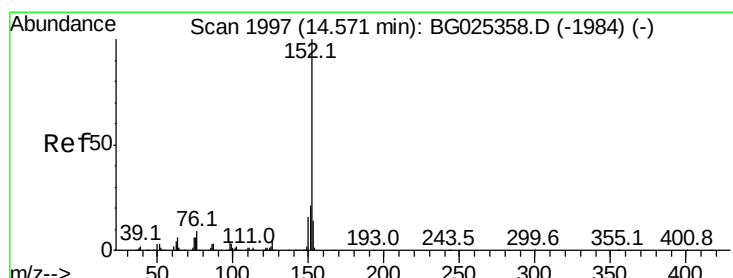
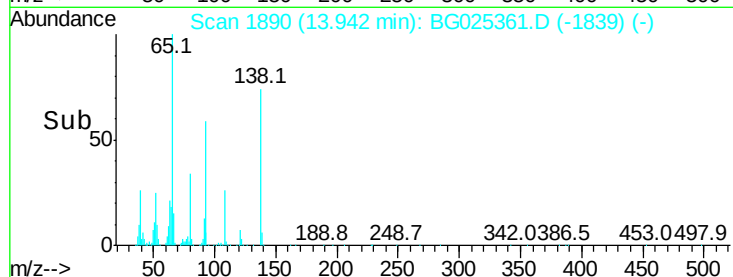
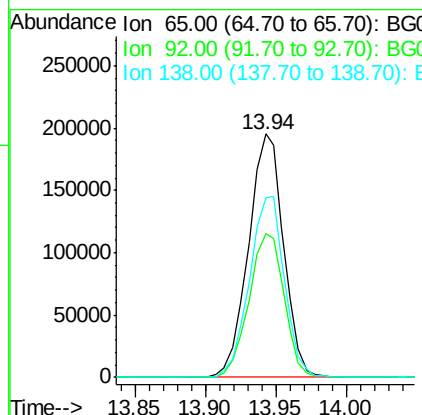
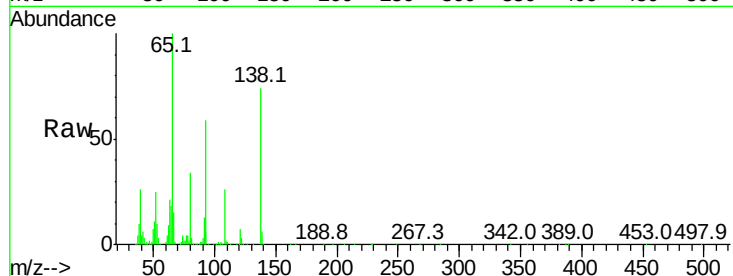




#47
2-Nitroaniline
Concen: 81.21 ng
RT: 13.94 min Scan# 1890
Delta R.T. 0.00 min
Lab File: BG025361.D
Acq: 21 Dec 2016 17:19

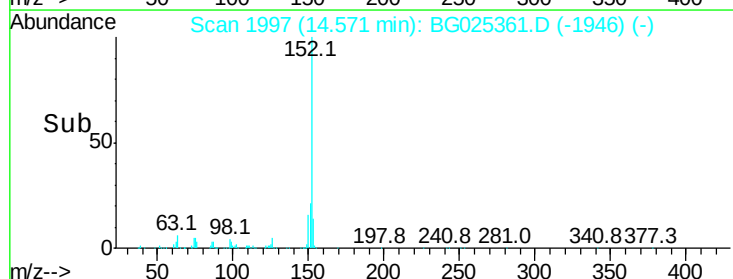
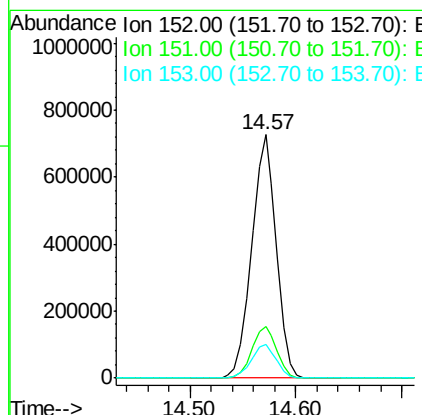
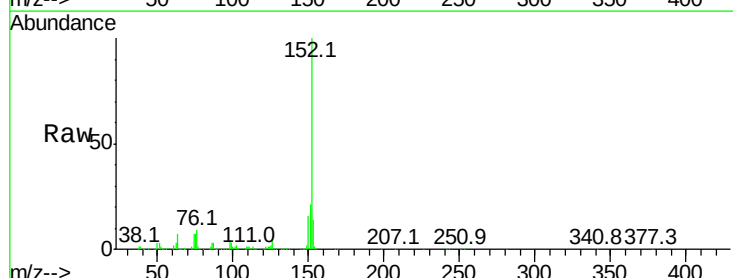
Instrument :
BNA_G
ClientSampleId :

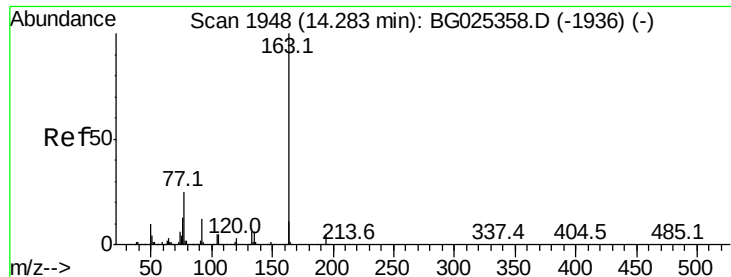
Tot Ion	Ratio	Lower	Upper
65	100		
92	59.1	49.0	73.4
138	73.6	58.6	87.8



#48
Acenaphthylene
Concen: 74.68 ng
RT: 14.57 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BG025361.D
Acq: 21 Dec 2016 17:19

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	18.2	27.2
153	13.7	11.3	16.9

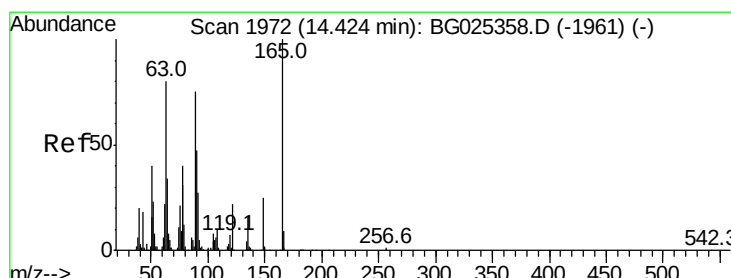
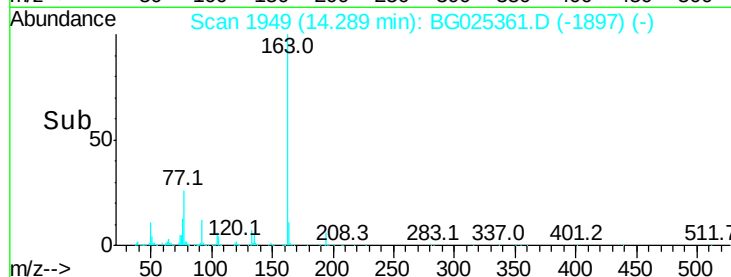
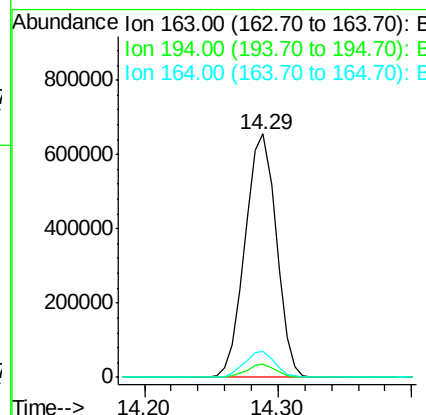
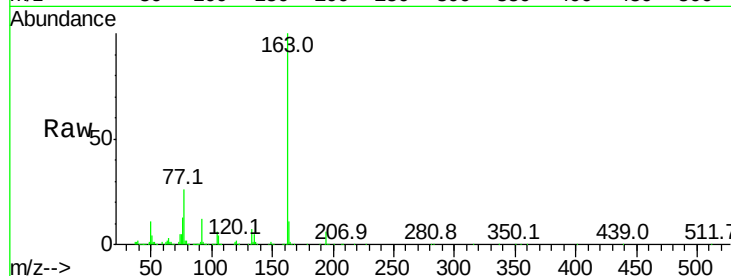




#49
Dimethylphthalate
Concen: 77.13 ng
RT: 14.29 min Scan# 1949
Delta R.T. 0.01 min
Lab File: BG025361.D
Acq: 21 Dec 2016 17:19

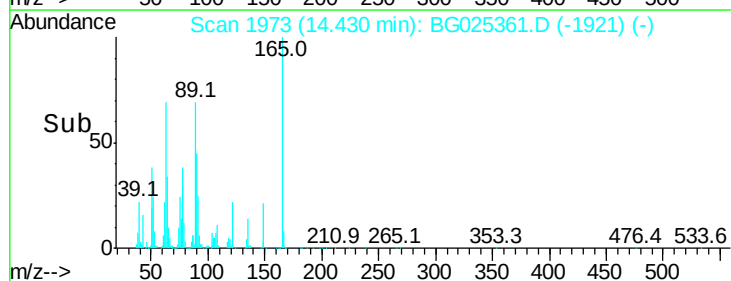
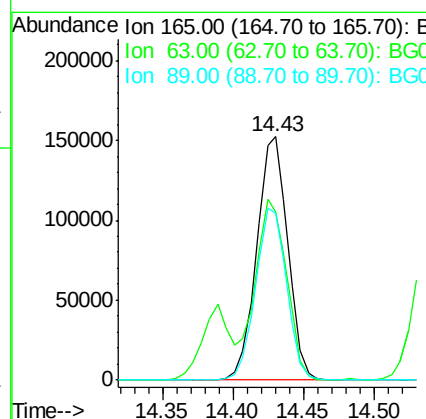
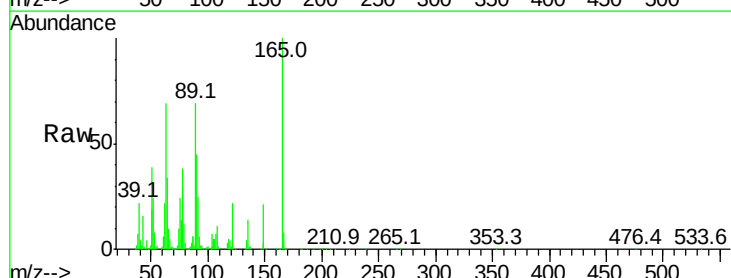
Instrument :
BNA_G
ClientSampleId :

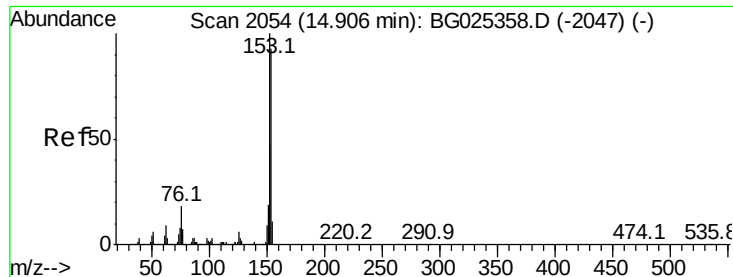
Tot Ion:163 Resp: 1058735
Ion Ratio Lower Upper
163 100
194 5.5 3.8 5.6
164 10.7 9.3 13.9



#50
2,6-Dinitrotoluene
Concen: 79.94 ng
RT: 14.43 min Scan# 1973
Delta R.T. 0.01 min
Lab File: BG025361.D
Acq: 21 Dec 2016 17:19

Tgt Ion:165 Resp: 234264
Ion Ratio Lower Upper
165 100
63 69.0 63.9 95.9
89 68.8 58.6 88.0





#51

Acenaphthene

Concen: 66.21 ng

RT: 14.91 min Scan# 2054

Delta R.T. 0.00 min

Lab File: BG025361.D

Acq: 21 Dec 2016 17:19

Instrument :

BNA_G

ClientSampleId :

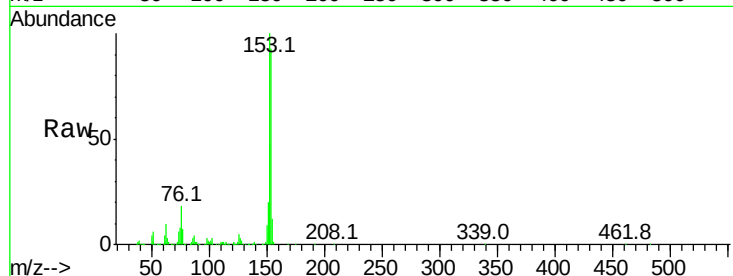
Tot Ion:154 Resp: 773406

Ion Ratio Lower Upper

154 100

153 108.0 87.8 131.6

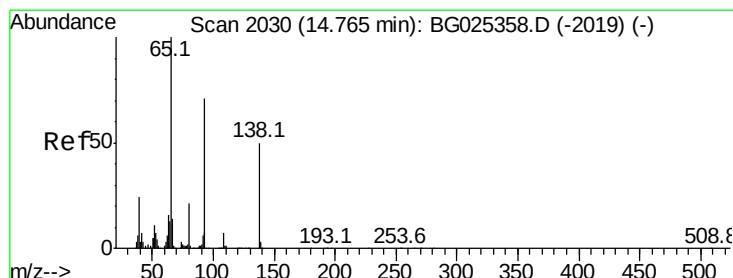
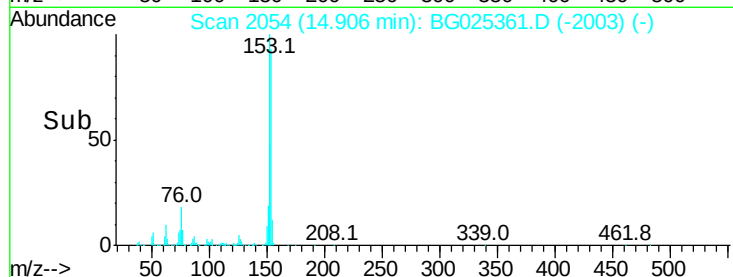
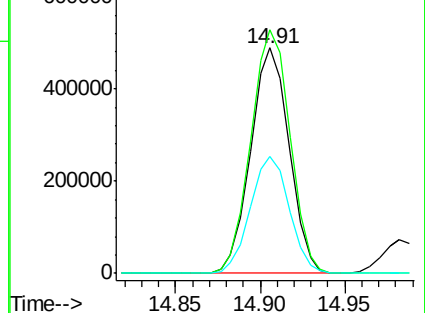
152 52.0 42.2 63.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 75.14 ng

RT: 14.76 min Scan# 2030

Delta R.T. 0.00 min

Lab File: BG025361.D

Acq: 21 Dec 2016 17:19

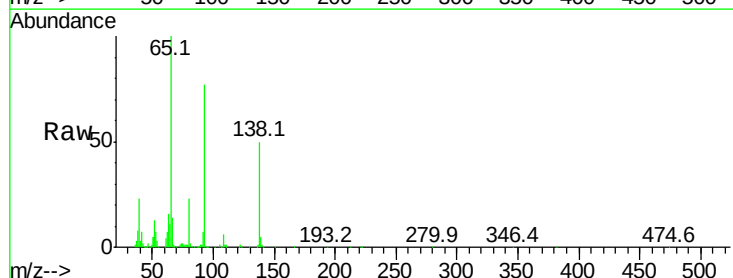
Tgt Ion:138 Resp: 227850

Ion Ratio Lower Upper

138 100

108 12.6 10.9 16.3

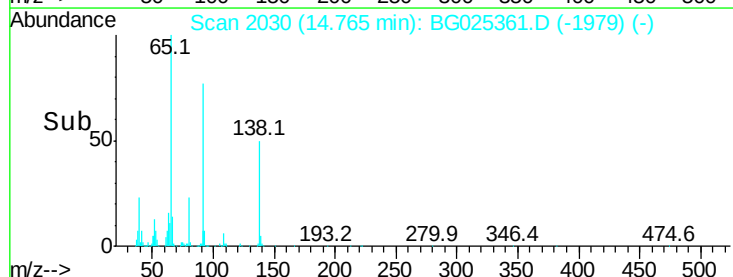
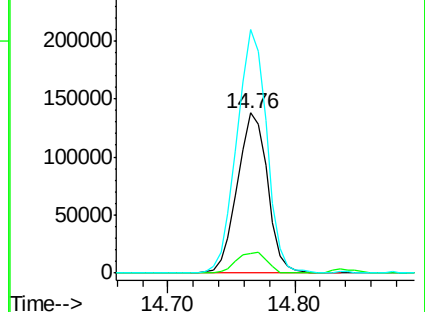
92 151.9 115.3 172.9

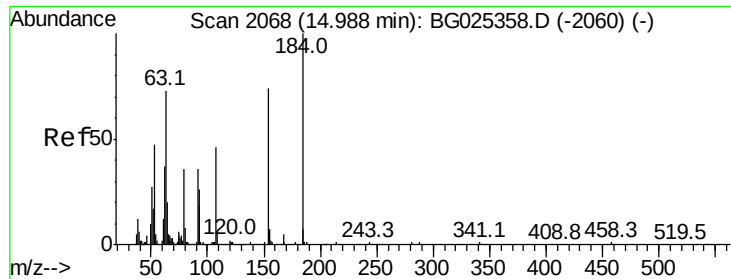


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





#53

2,4-Dinitrophenol

Concen: 74.93 ng

RT: 14.99 min Scan# 2068

Delta R.T. 0.00 min

Lab File: BG025361.D

Acq: 21 Dec 2016 17:19

Instrument :

BNA_G

ClientSampleId :

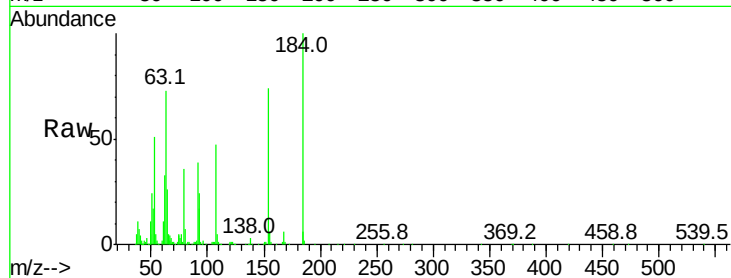
Tot Ion:184 Resp: 159119

Ion	Ratio	Lower	Upper
184	100		
63	72.7	52.7	79.1
154	73.7	57.3	85.9

184 100

63 72.7 52.7 79.1

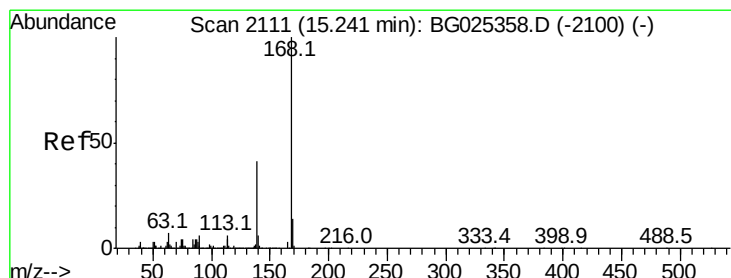
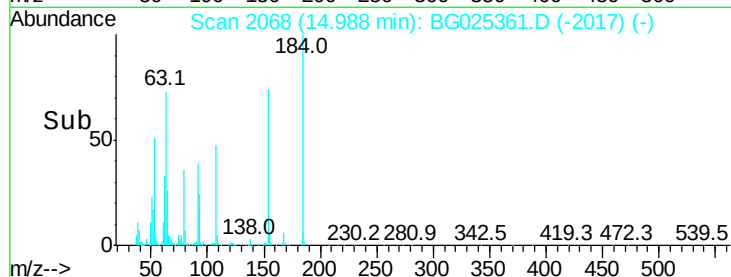
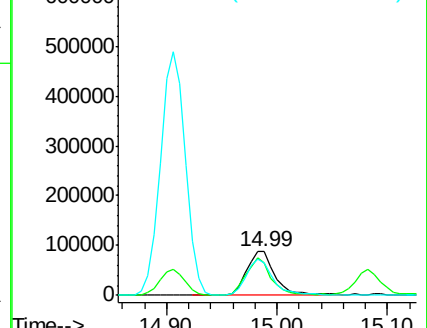
154 73.7 57.3 85.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG025358.D (-2060) (-)

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 75.24 ng

RT: 15.24 min Scan# 2111

Delta R.T. 0.00 min

Lab File: BG025361.D

Acq: 21 Dec 2016 17:19

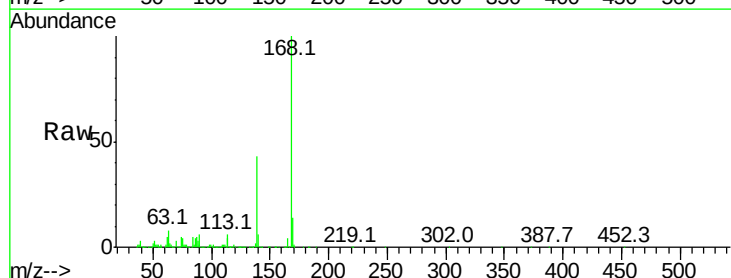
Tgt Ion:168 Resp: 1215075

Ion	Ratio	Lower	Upper
168	100		
139	42.7	35.3	52.9
169	13.8	11.5	17.3

168 100

139 42.7 35.3 52.9

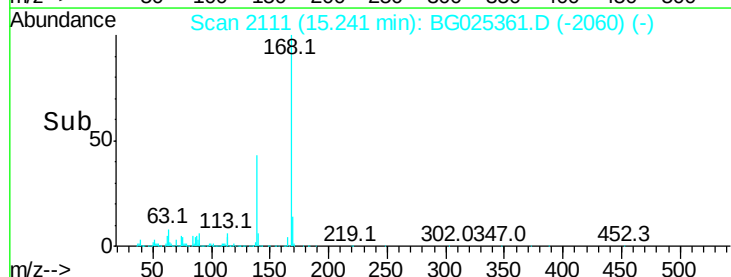
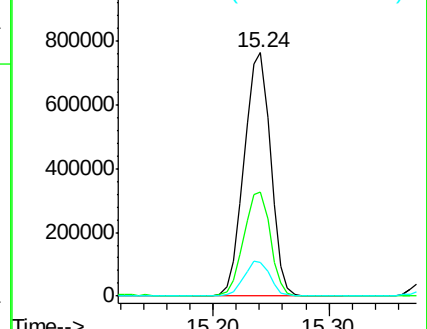
169 13.8 11.5 17.3

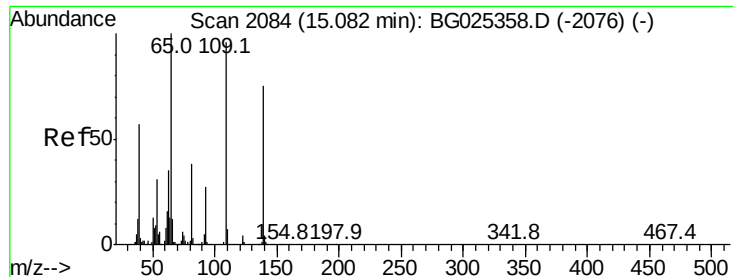


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

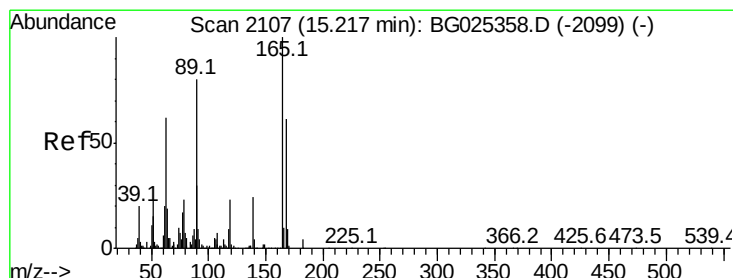
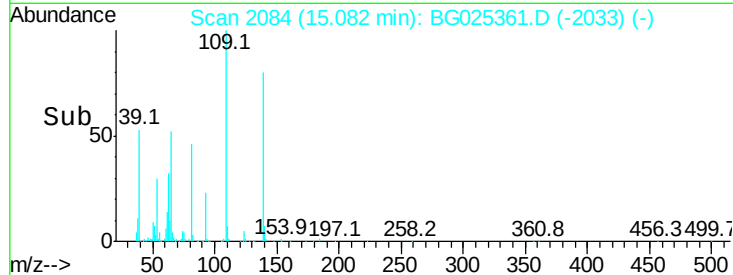
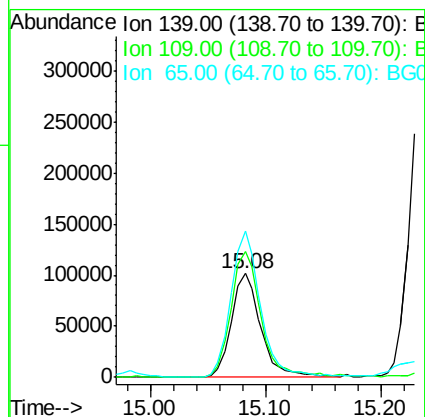
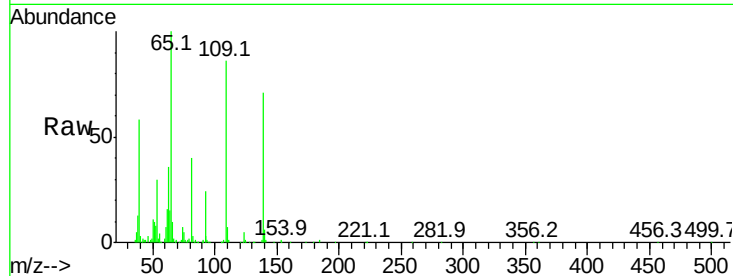




#55
4-Nitrophenol
Concen: 67.86 ng
RT: 15.08 min Scan# 2084
Delta R.T. 0.00 min
Lab File: BG025361.D
Acq: 21 Dec 2016 17:19

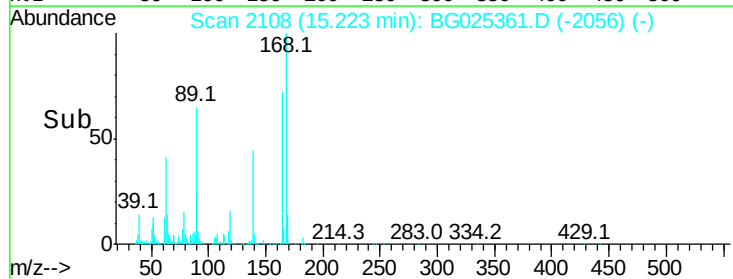
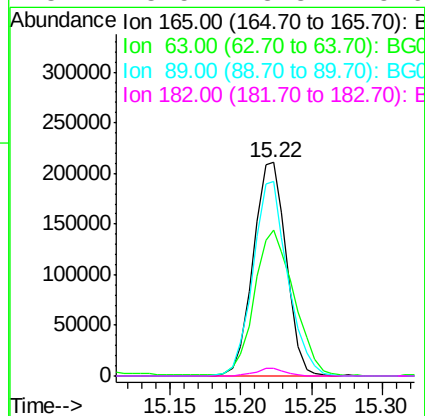
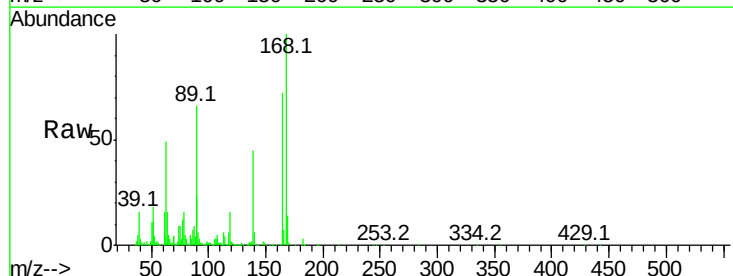
Instrument :
BNA_G
ClientSampleId :

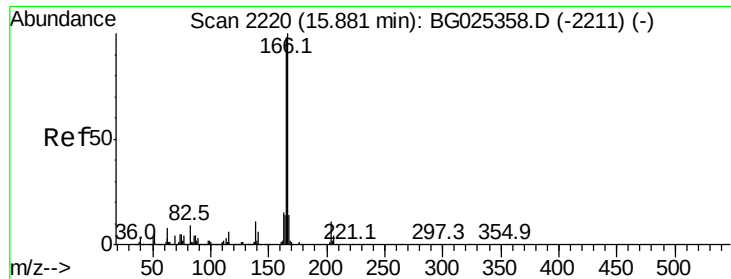
Tot Ion:139 Resp: 179270
Ion Ratio Lower Upper
139 100
109 121.1 101.2 141.2
65 141.5 135.3 175.3



#56
2,4-Dinitrotoluene
Concen: 81.17 ng
RT: 15.22 min Scan# 2108
Delta R.T. 0.01 min
Lab File: BG025361.D
Acq: 21 Dec 2016 17:19

Tgt Ion:165 Resp: 345671
Ion Ratio Lower Upper
165 100
63 68.1 44.0 66.0#
89 90.9 67.3 100.9
182 3.5 3.8 5.6#

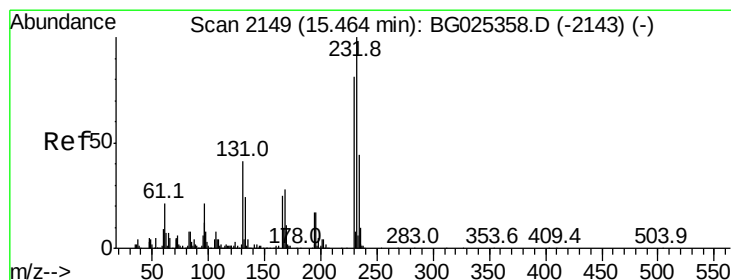
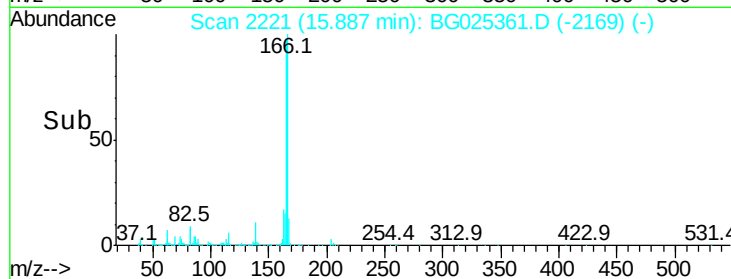
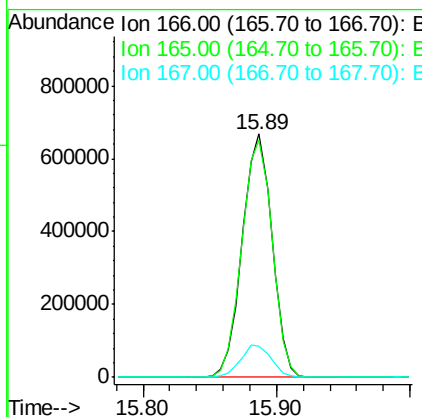
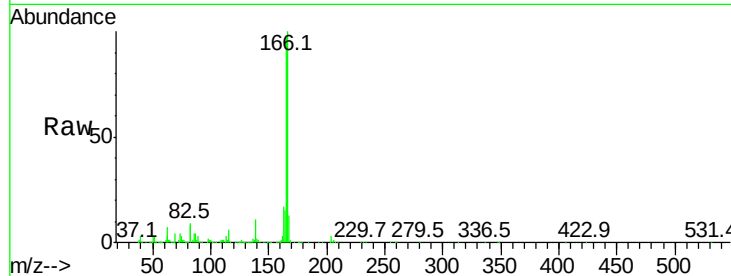




#57
 Fluorene
 Concen: 76.51 ng
 RT: 15.89 min Scan# 2221
 Delta R.T. 0.01 min
 Lab File: BG025361.D
 Acq: 21 Dec 2016 17:19

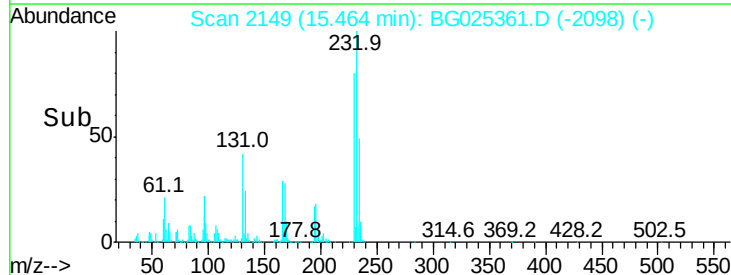
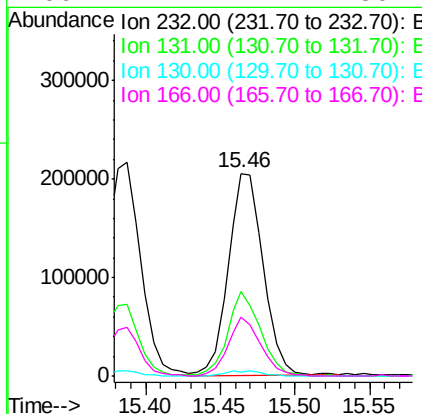
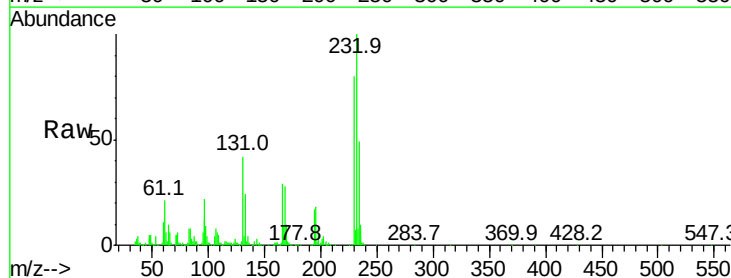
Instrument :
 BNA_G
 ClientSampleId :

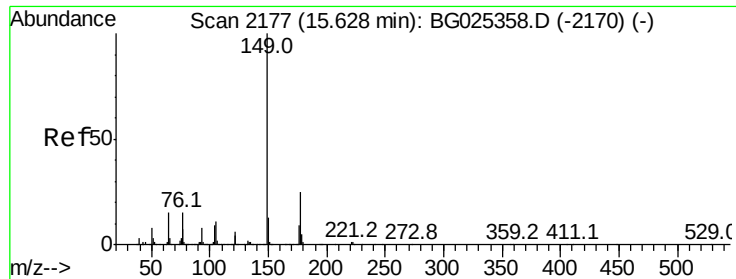
Tot Ion:166 Resp: 1024530
 Ion Ratio Lower Upper
 166 100
 165 97.2 78.6 117.8
 167 12.9 11.6 17.4



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 75.72 ng
 RT: 15.46 min Scan# 2149
 Delta R.T. 0.00 min
 Lab File: BG025361.D
 Acq: 21 Dec 2016 17:19

Tgt Ion:232 Resp: 332721
 Ion Ratio Lower Upper
 232 100
 131 39.5 34.9 52.3
 130 2.9 2.3 3.5
 166 27.4 24.2 36.4

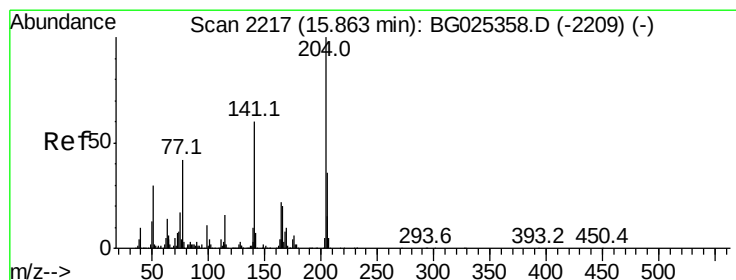
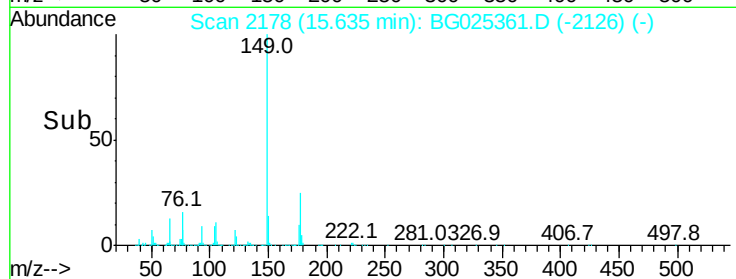
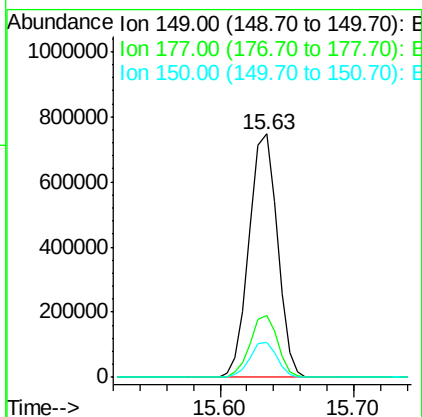
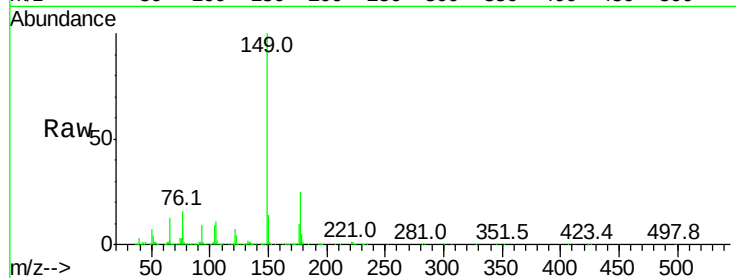




#59
Diethylphthalate
Concen: 75.75 ng
RT: 15.63 min Scan# 2178
Delta R.T. 0.01 min
Lab File: BG025361.D
Acq: 21 Dec 2016 17:19

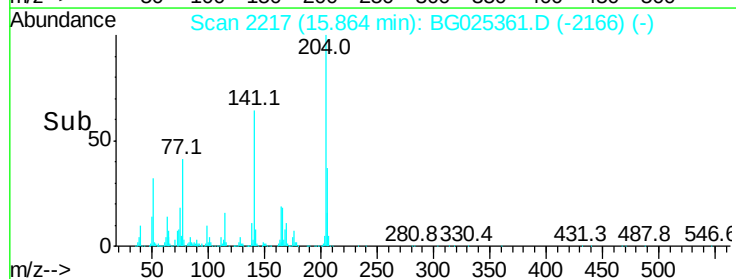
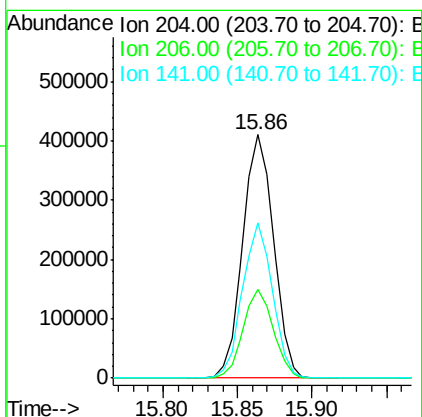
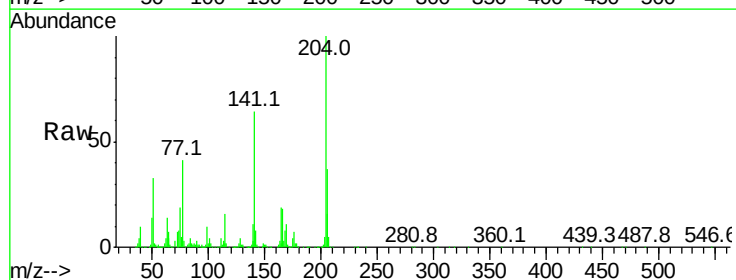
Instrument :
BNA_G
ClientSampleId :

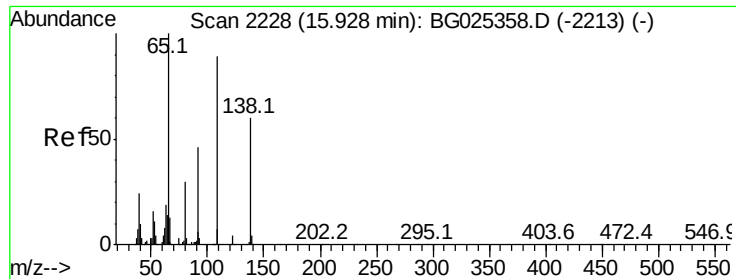
Tot Ion:149 Resp: 1090176
Ion Ratio Lower Upper
149 100
177 25.5 20.1 30.1
150 14.2 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 78.25 ng
RT: 15.86 min Scan# 2217
Delta R.T. 0.00 min
Lab File: BG025361.D
Acq: 21 Dec 2016 17:19

Tgt Ion:204 Resp: 587968
Ion Ratio Lower Upper
204 100
206 36.7 30.1 45.1
141 63.8 50.6 76.0

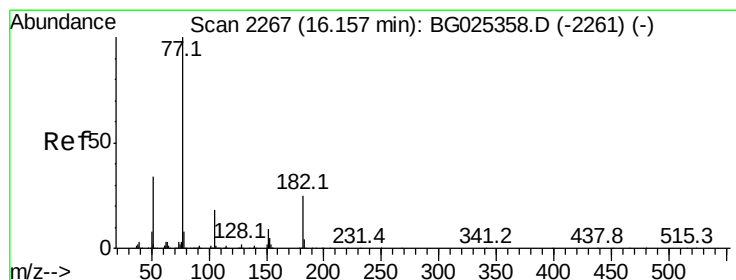
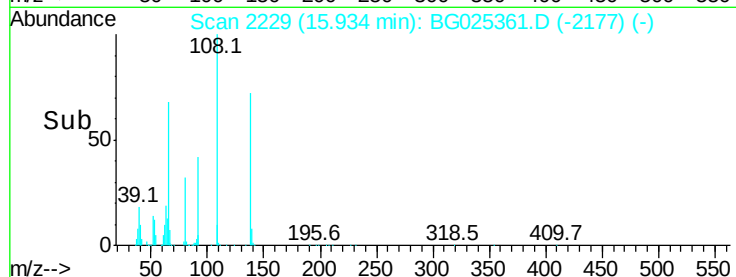
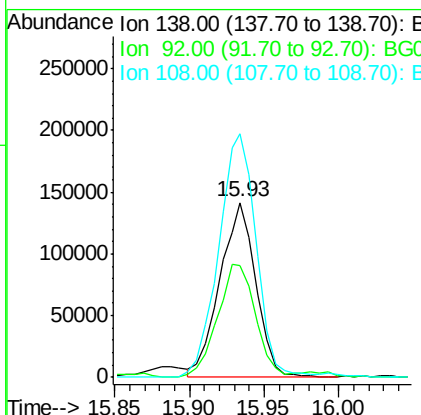
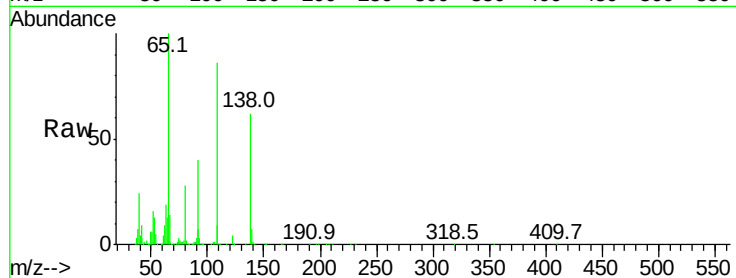




#61
4-Nitroaniline
Concen: 71.72 ng
RT: 15.93 min Scan# 2229
Delta R.T. 0.01 min
Lab File: BG025361.D
Acq: 21 Dec 2016 17:19

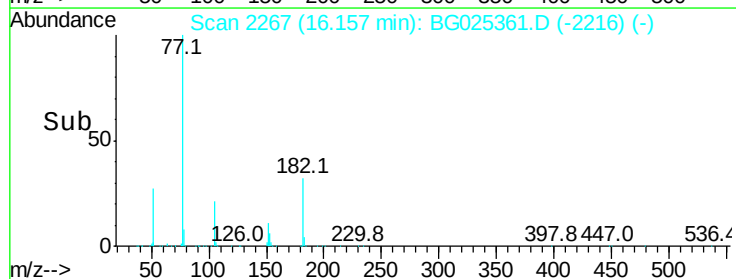
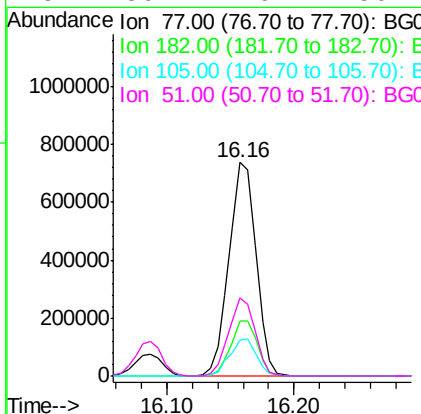
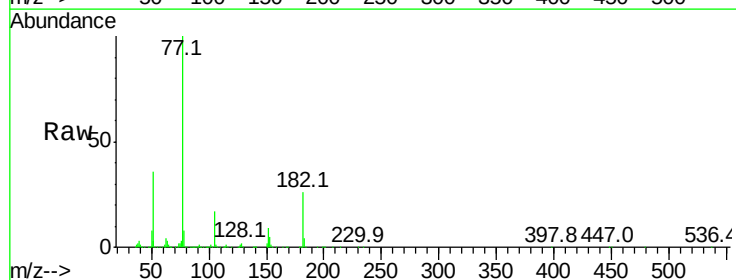
Instrument :
BNA_G
ClientSampleId :

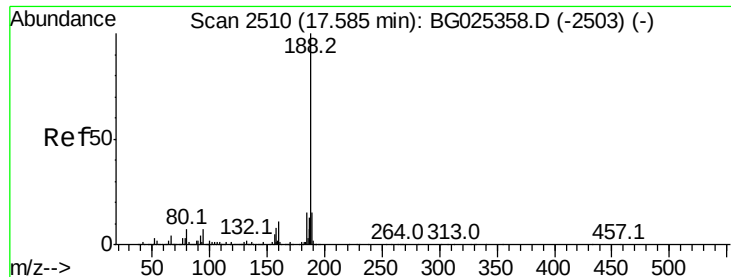
Tot Ion:138 Resp: 237569
Ion Ratio Lower Upper
138 100
92 64.1 44.2 84.2
108 139.0 104.8 144.8



#62
Azobenzene
Concen: 75.61 ng
RT: 16.16 min Scan# 2267
Delta R.T. 0.00 min
Lab File: BG025361.D
Acq: 21 Dec 2016 17:19

Tgt Ion: 77 Resp: 1085234
Ion Ratio Lower Upper
77 100
182 25.8 4.7 44.7
105 16.7 0.0 36.3
51 36.4 16.4 56.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.59 min Scan# 2510

Delta R.T. 0.00 min

Lab File: BG025361.D

Acq: 21 Dec 2016 17:19

Instrument :

BNA_G

ClientSampleId :

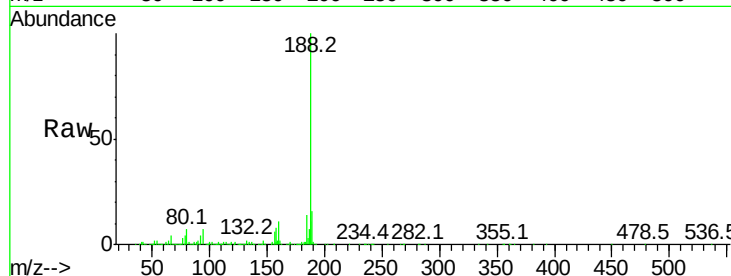
Tot Ion:188 Resp: 456680

Ion Ratio Lower Upper

188 100

94 6.8 5.8 8.8

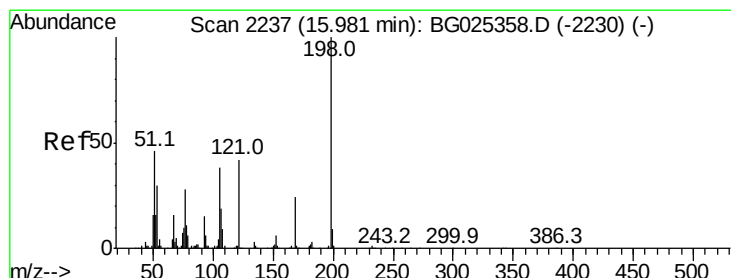
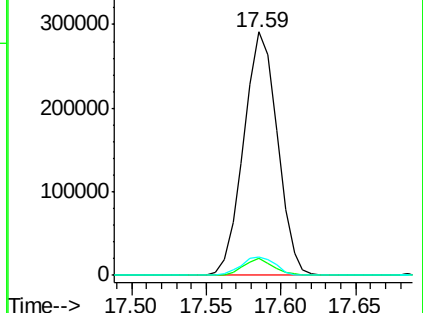
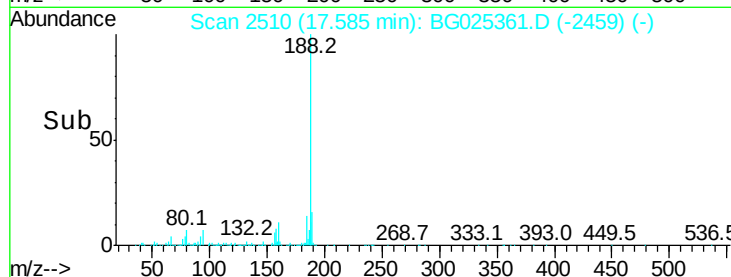
80 7.4 7.5 11.3#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 80.07 ng

RT: 15.99 min Scan# 2238

Delta R.T. 0.01 min

Lab File: BG025361.D

Acq: 21 Dec 2016 17:19

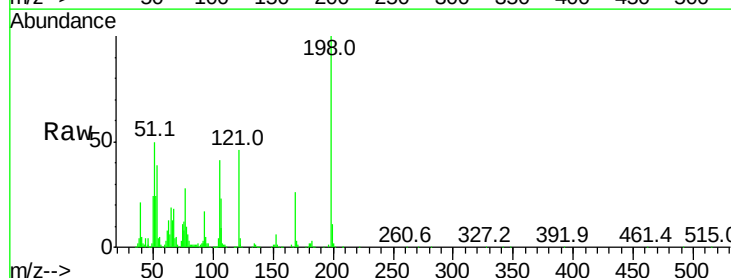
Tgt Ion:198 Resp: 251941

Ion Ratio Lower Upper

198 100

51 50.2 22.6 62.6

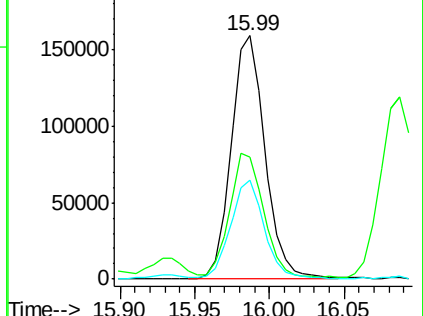
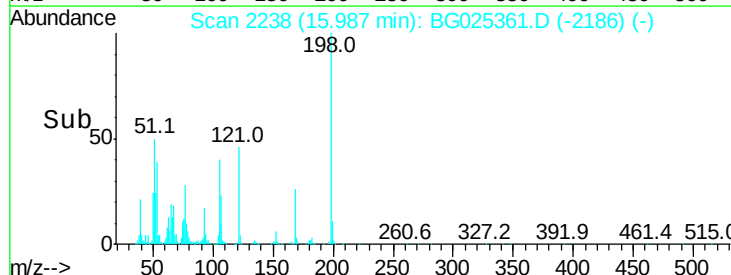
105 40.5 14.4 54.4

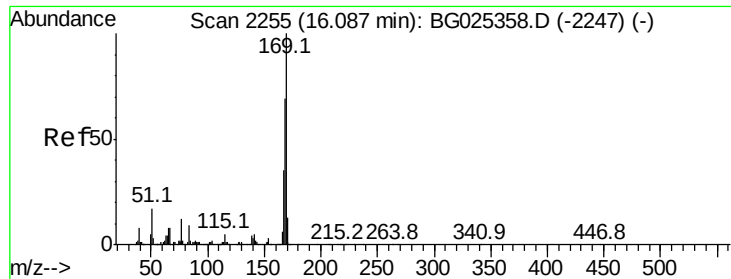


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

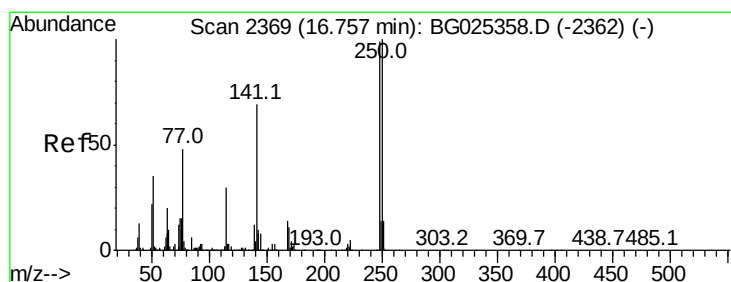
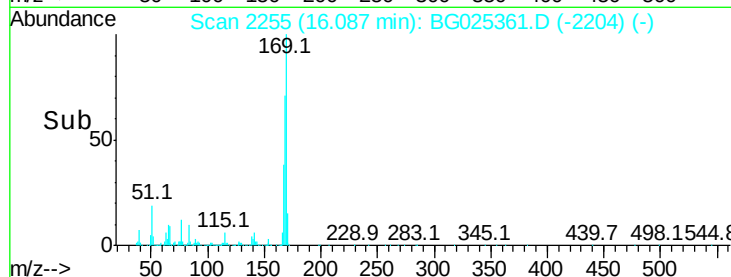
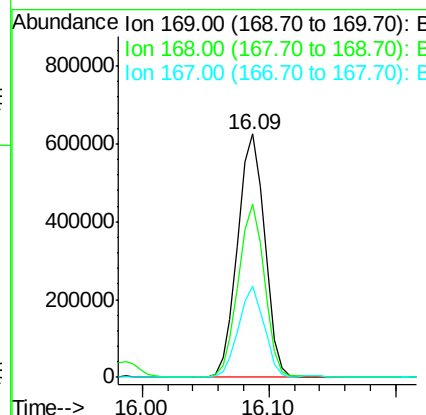
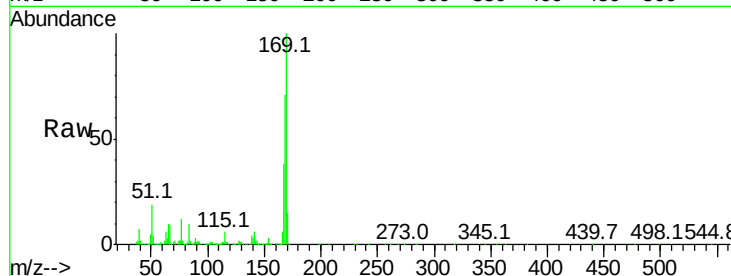




#65
n-Nitrosodiphenylamine
Concen: 73.82 ng
RT: 16.09 min Scan# 2255
Delta R.T. 0.00 min
Lab File: BG025361.D
Acq: 21 Dec 2016 17:19

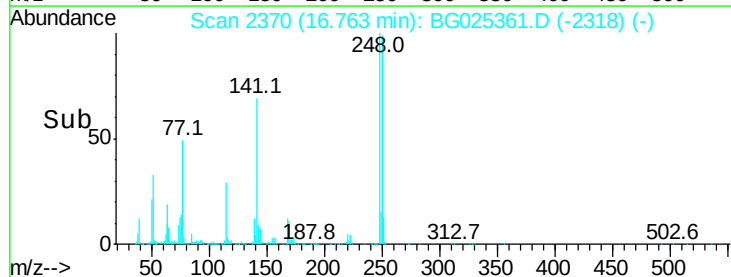
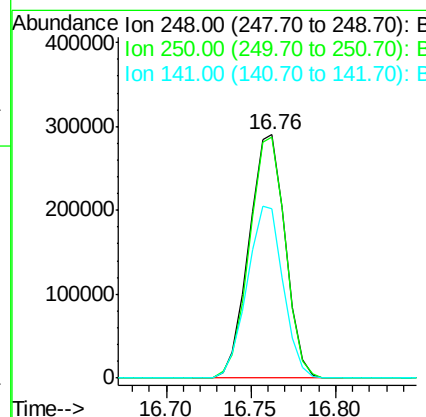
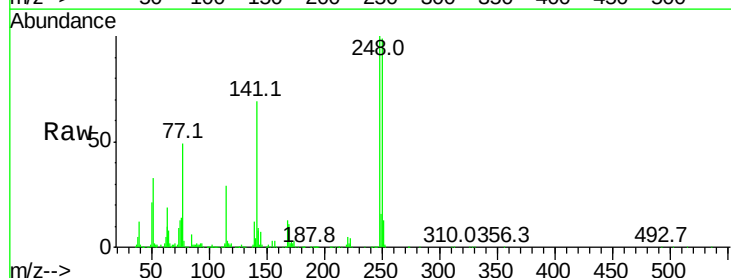
Instrument :
BNA_G
ClientSampleId :

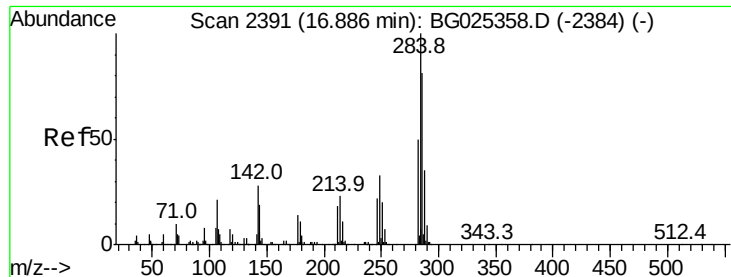
Tot Ion:169 Resp: 921681
Ion Ratio Lower Upper
169 100
168 71.0 55.7 83.5
167 37.5 29.8 44.6



#66
4-Bromophenyl-phenylether
Concen: 77.71 ng
RT: 16.76 min Scan# 2370
Delta R.T. 0.01 min
Lab File: BG025361.D
Acq: 21 Dec 2016 17:19

Tgt Ion:248 Resp: 430794
Ion Ratio Lower Upper
248 100
250 98.9 75.0 112.6
141 69.4 55.2 82.8





#67

Hexachlorobenzene

Concen: 78.38 ng

RT: 16.89 min Scan# 2391

Delta R.T. 0.00 min

Lab File: BG025361.D

Acq: 21 Dec 2016 17:19

Instrument :

BNA_G

ClientSampleId :

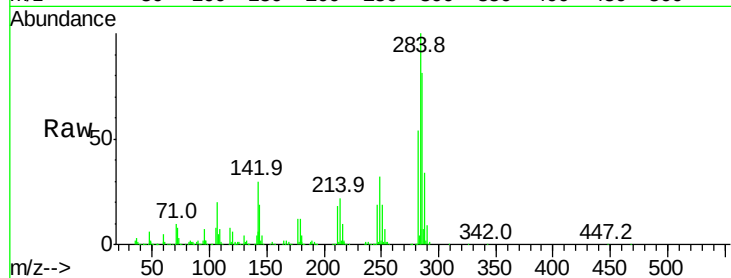
Tot Ion:284 Resp: 480134

Ion Ratio Lower Upper

284 100

142 29.8 29.9 44.9#

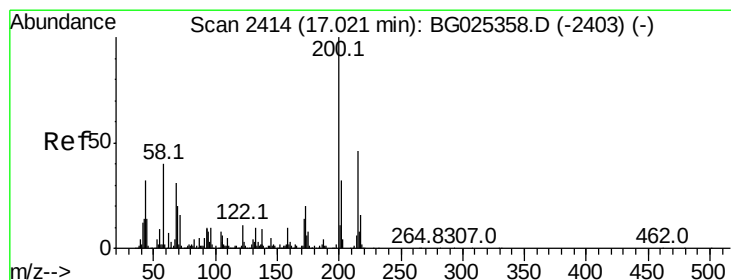
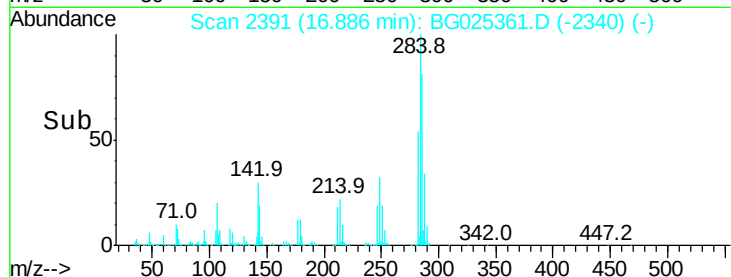
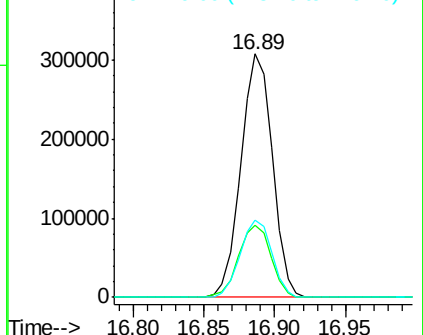
249 31.6 29.2 43.8



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: 63.26 ng

RT: 17.02 min Scan# 2414

Delta R.T. 0.00 min

Lab File: BG025361.D

Acq: 21 Dec 2016 17:19

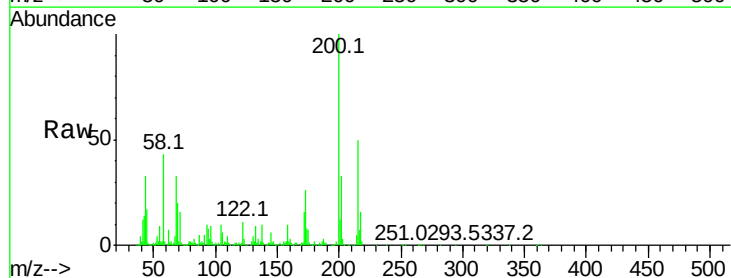
Tgt Ion:200 Resp: 338780

Ion Ratio Lower Upper

200 100

173 25.8 3.0 43.0

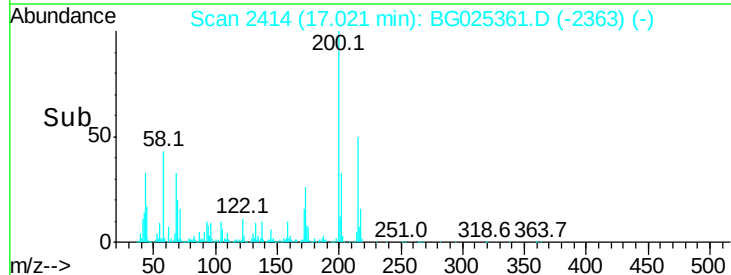
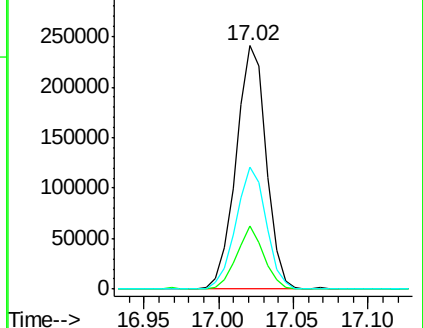
215 50.4 28.4 68.4

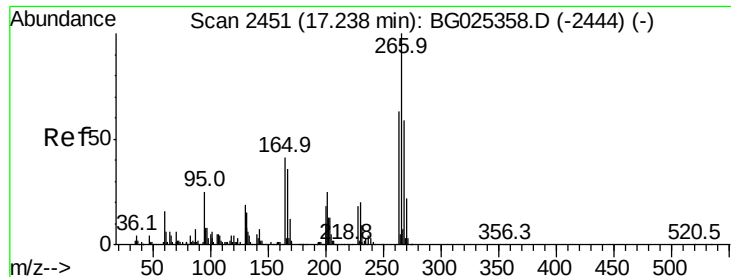


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

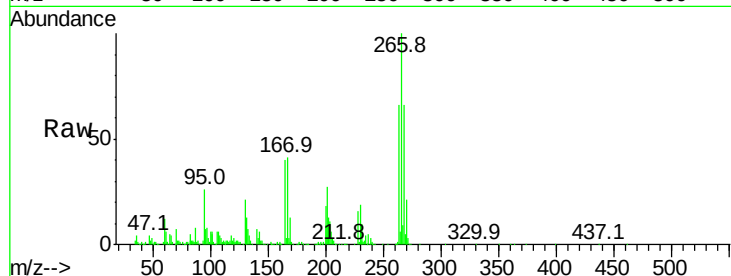




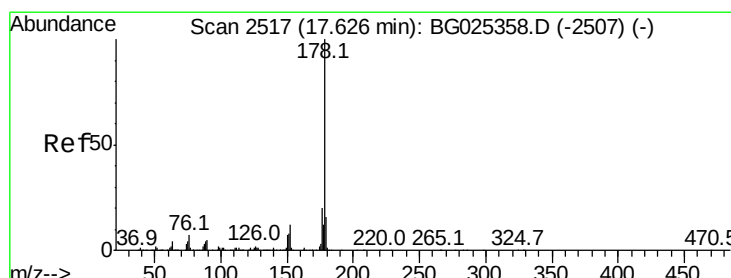
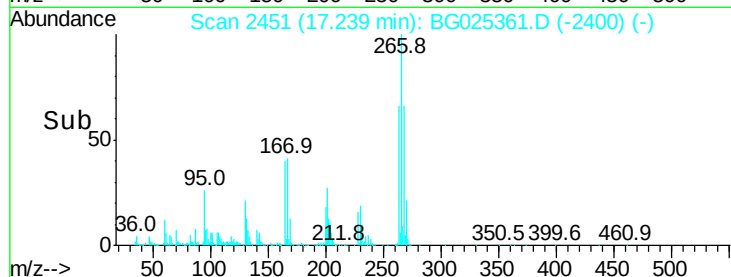
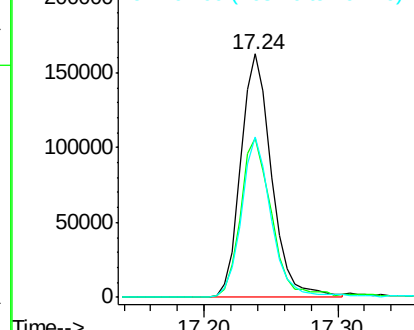
#69
 Pentachlorophenol
 Concen: 64.38 ng
 RT: 17.24 min Scan# 2451
 Delta R.T. 0.00 min
 Lab File: BG025361.D
 Acq: 21 Dec 2016 17:19

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.5	48.6	72.8
264	66.0	50.1	75.1

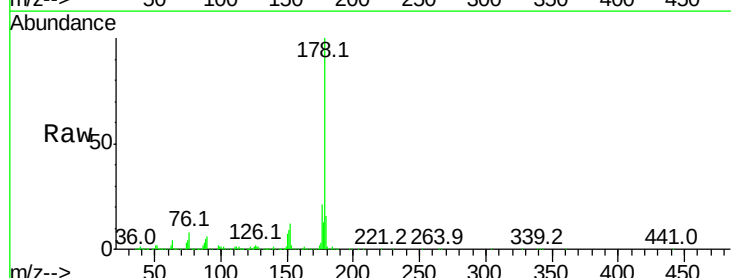


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

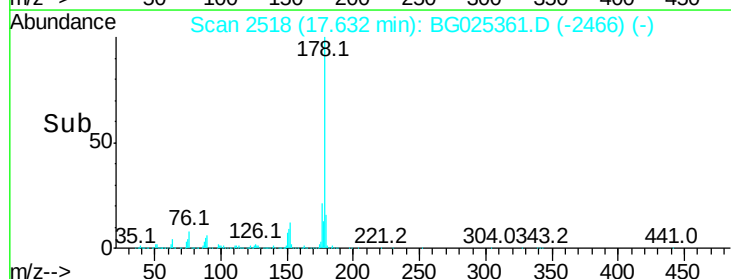
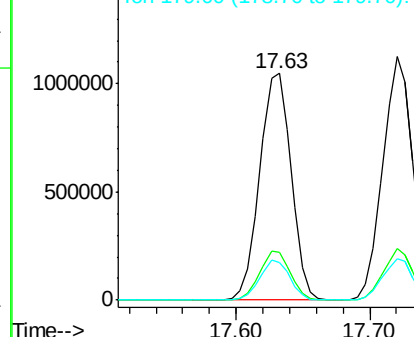


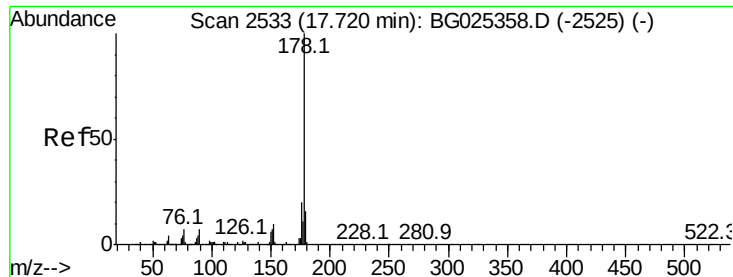
#70
 Phenanthrene
 Concen: 73.13 ng
 RT: 17.63 min Scan# 2518
 Delta R.T. 0.01 min
 Lab File: BG025361.D
 Acq: 21 Dec 2016 17:19

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.4	17.7	26.5
179	16.5	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: 74.27 ng

RT: 17.72 min Scan# 2533

Delta R.T. 0.00 min

Lab File: BG025361.D

Acq: 21 Dec 2016 17:19

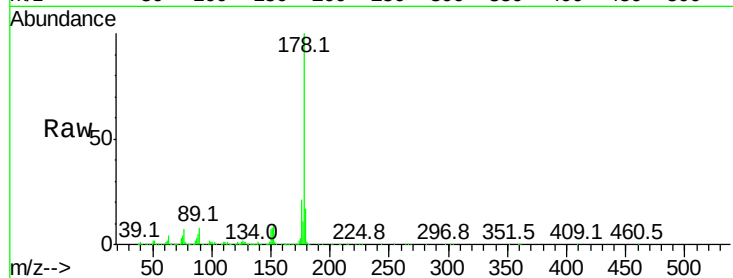
Instrument :

BNA_G

ClientSampleId :

Tot Ion:178 Resp: 1744264

Ion	Ratio	Lower	Upper
178	100		
176	21.2	16.4	24.6
179	17.1	13.8	20.8

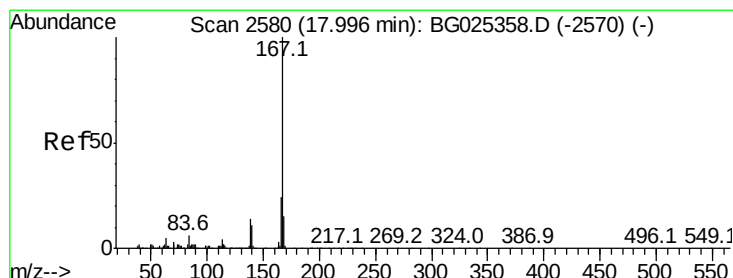
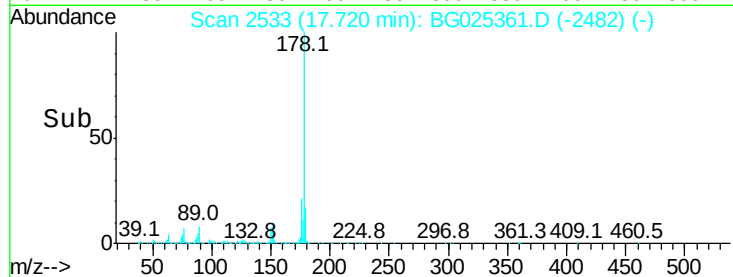
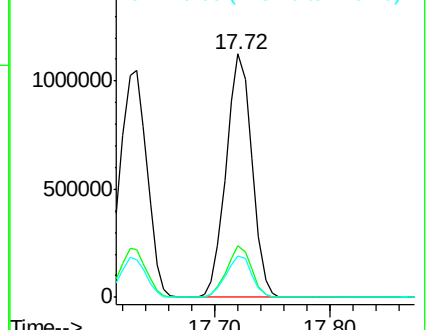


Abundance

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: 72.77 ng

RT: 18.00 min Scan# 2580

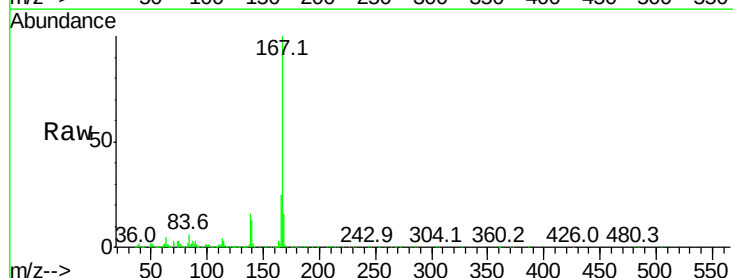
Delta R.T. 0.00 min

Lab File: BG025361.D

Acq: 21 Dec 2016 17:19

Tgt Ion:167 Resp: 1558457

Ion	Ratio	Lower	Upper
167	100		
166	24.7	20.2	30.2
139	15.5	12.8	19.2

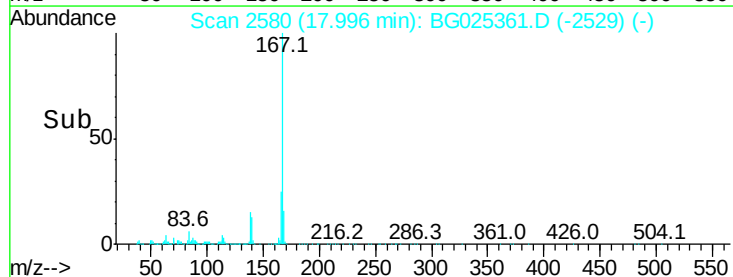
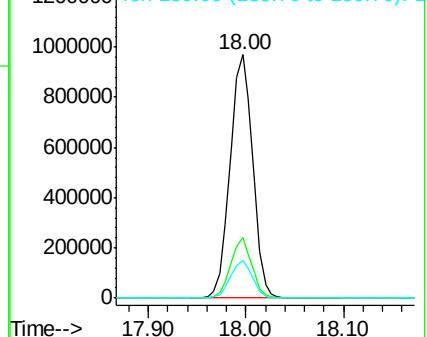


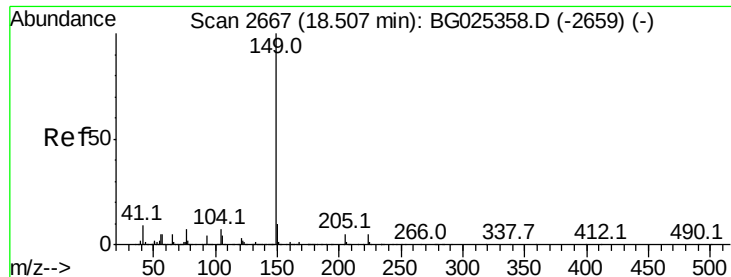
Abundance

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

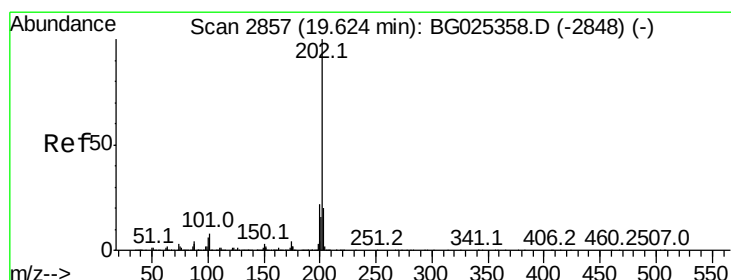
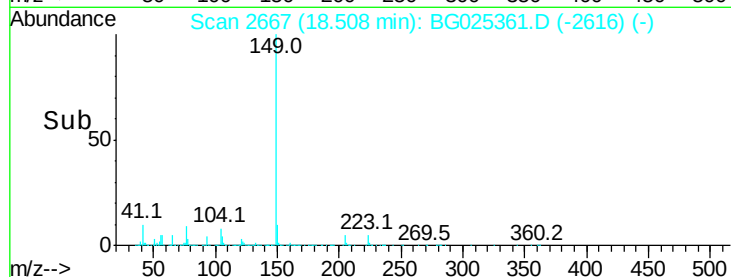
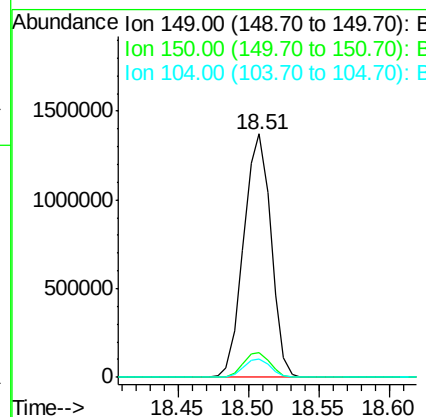
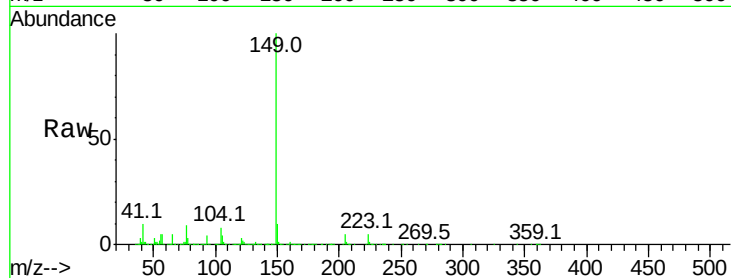




#73
Di-n-butylphthalate
Concen: 75.16 ng
RT: 18.51 min Scan# 2667
Delta R.T. 0.00 min
Lab File: BG025361.D
Acq: 21 Dec 2016 17:19

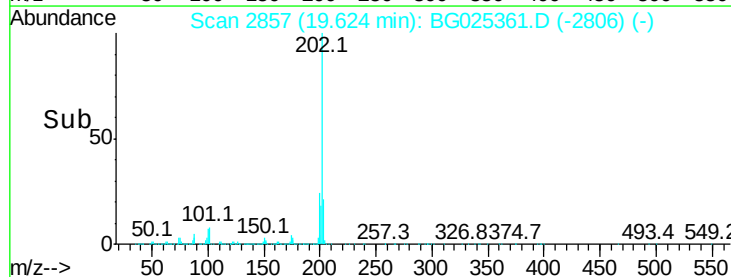
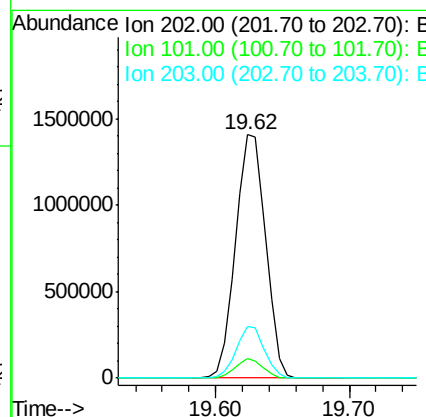
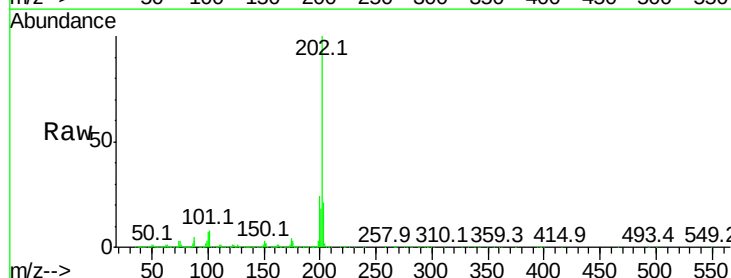
Instrument :
BNA_G
ClientSampleId :

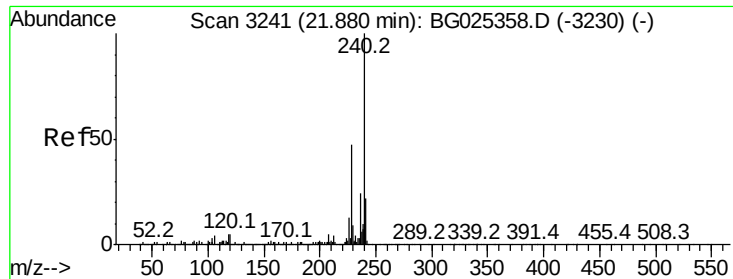
Tot Ion:149 Resp: 1856148
Ion Ratio Lower Upper
149 100
150 10.3 9.1 13.7
104 7.7 6.7 10.1



#74
Fluoranthene
Concen: 75.09 ng
RT: 19.62 min Scan# 2857
Delta R.T. 0.00 min
Lab File: BG025361.D
Acq: 21 Dec 2016 17:19

Tgt Ion:202 Resp: 2209656
Ion Ratio Lower Upper
202 100
101 7.9 0.0 30.1
203 21.4 1.3 41.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.88 min Scan# 3241

Delta R.T. 0.00 min

Lab File: BG025361.D

Acq: 21 Dec 2016 17:19

Instrument :

BNA_G

ClientSampleId :

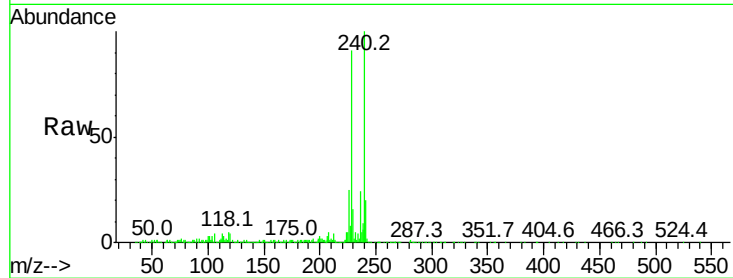
Tot Ion:240 Resp: 616043

Ion Ratio Lower Upper

240 100

120 4.5 5.7 8.5#

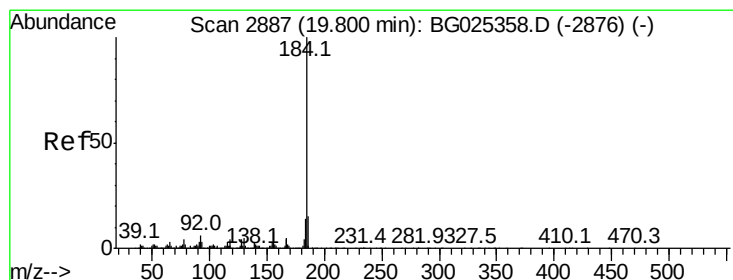
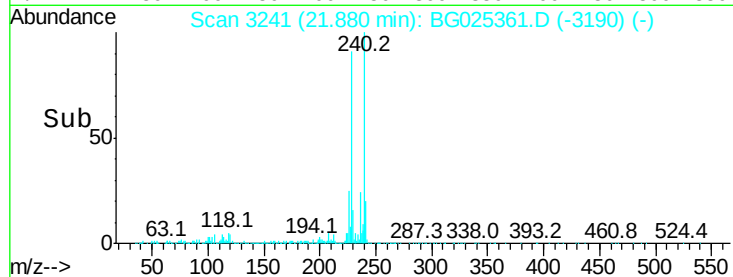
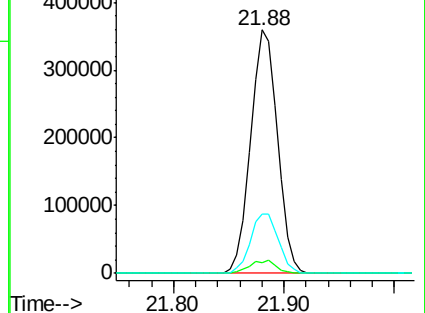
236 24.1 22.2 33.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 67.82 ng

RT: 19.80 min Scan# 2887

Delta R.T. 0.00 min

Lab File: BG025361.D

Acq: 21 Dec 2016 17:19

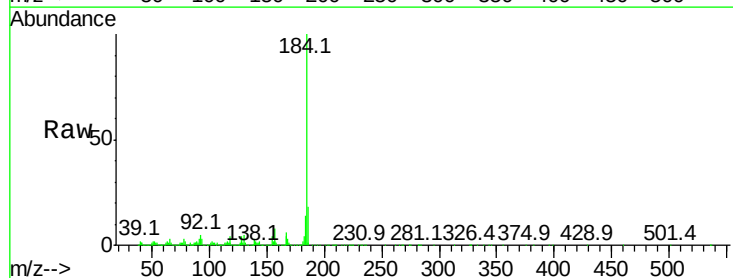
Tgt Ion:184 Resp: 984412

Ion Ratio Lower Upper

184 100

185 18.1 13.0 19.6

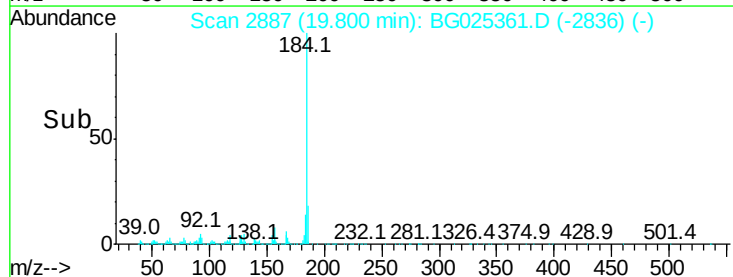
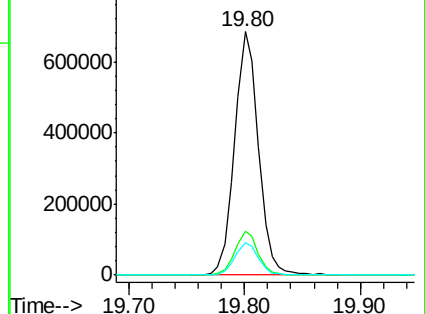
183 13.5 11.0 16.6

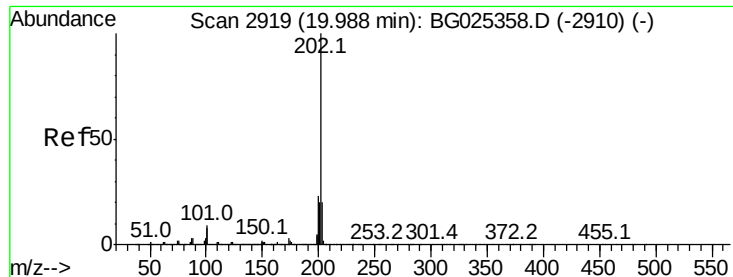


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 75.08 ng

RT: 19.99 min Scan# 2919

Delta R.T. 0.00 min

Lab File: BG025361.D

Acq: 21 Dec 2016 17:19

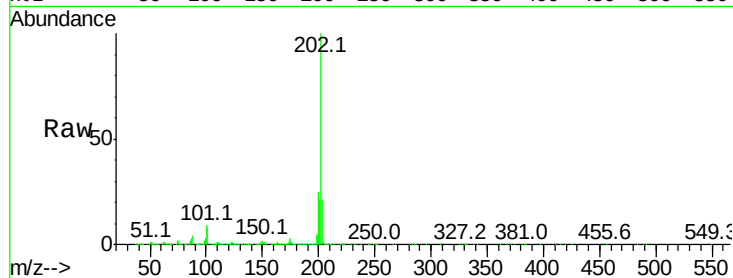
Instrument :

BNA_G

ClientSampleId :

Tot Ion:202 Resp: 2261070

Ion	Ratio	Lower	Upper
202	100		
200	25.1	19.6	29.4
203	20.8	15.8	23.8

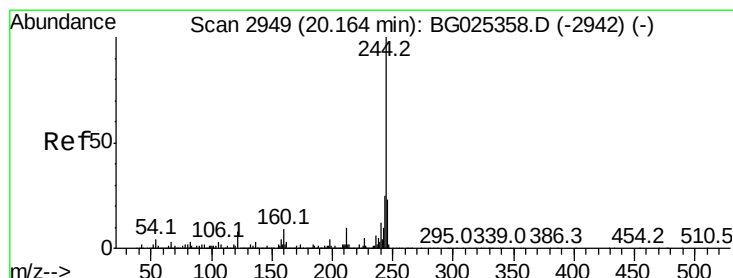
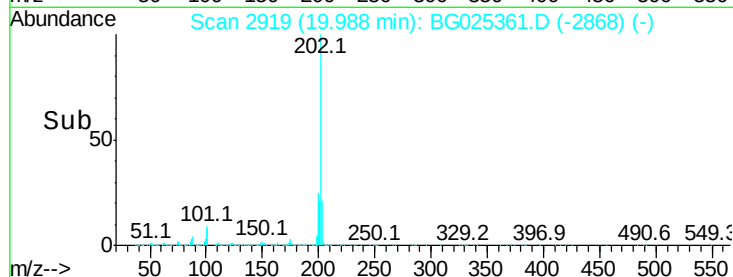
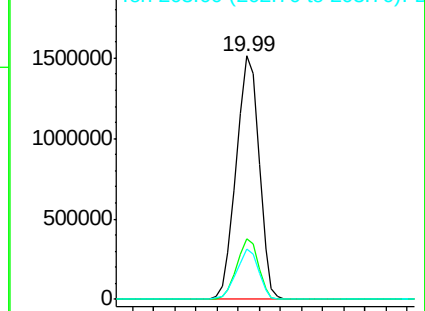


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 147.07 ng

RT: 20.16 min Scan# 2949

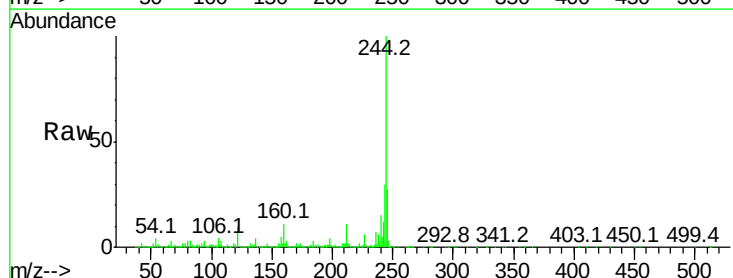
Delta R.T. 0.00 min

Lab File: BG025361.D

Acq: 21 Dec 2016 17:19

Tgt Ion:244 Resp: 3031979

Ion	Ratio	Lower	Upper
244	100		
212	11.3	10.0	15.0
122	9.8	8.6	12.8

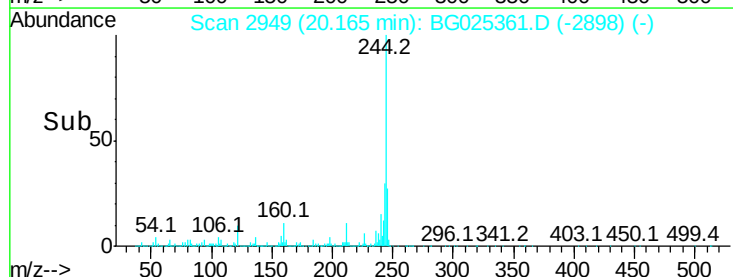
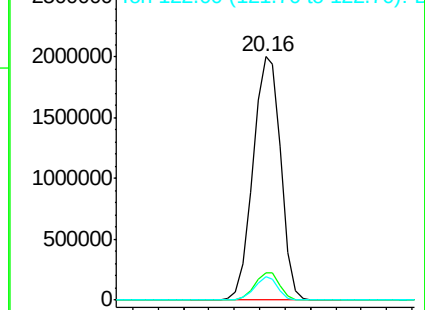


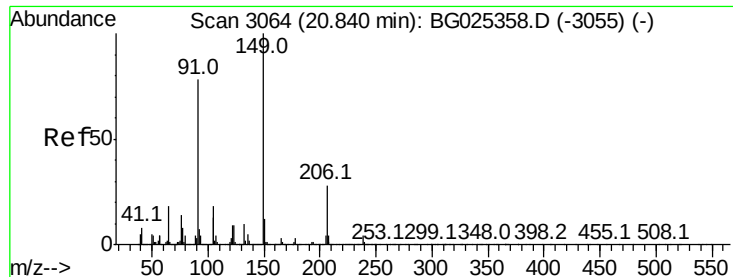
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

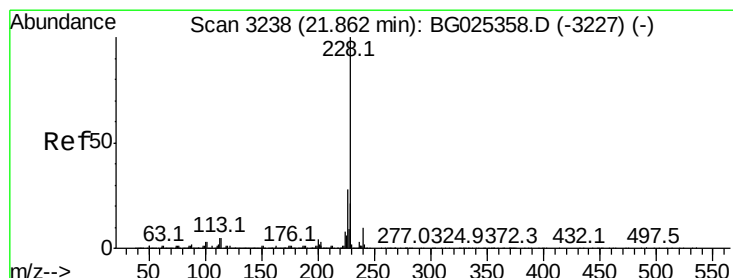
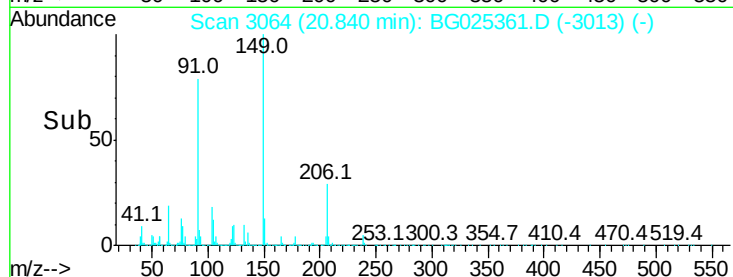
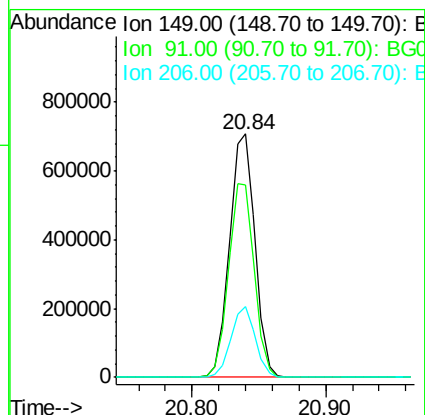
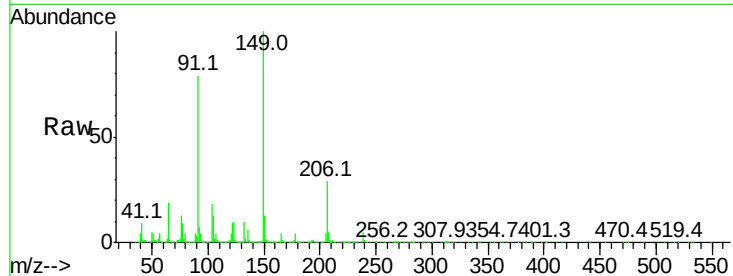




#79
Butylbenzylphthalate
Concen: 75.21 ng
RT: 20.84 min Scan# 3064
Delta R.T. 0.00 min
Lab File: BG025361.D
Acq: 21 Dec 2016 17:19

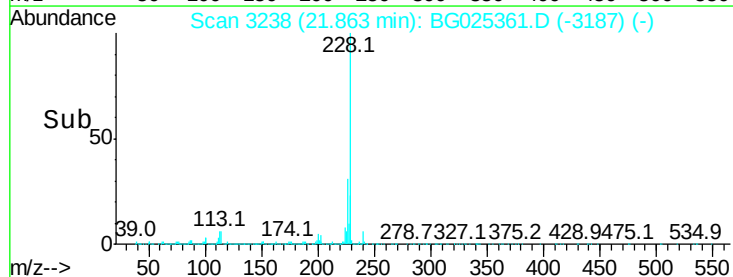
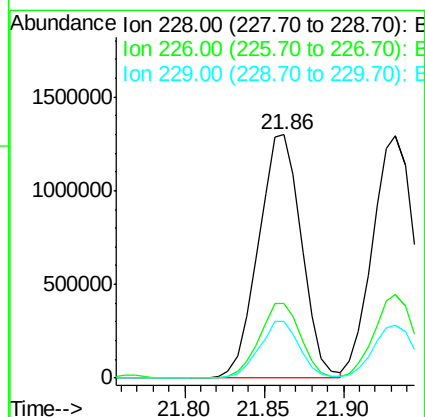
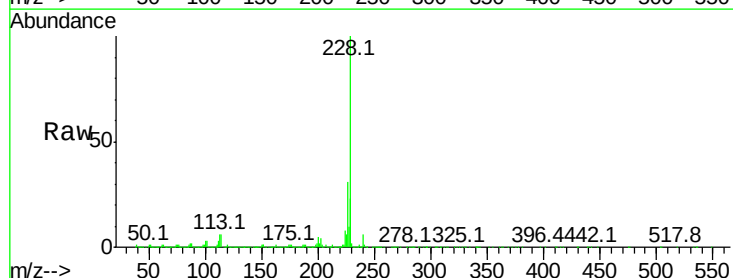
Instrument :
BNA_G
ClientSampled :

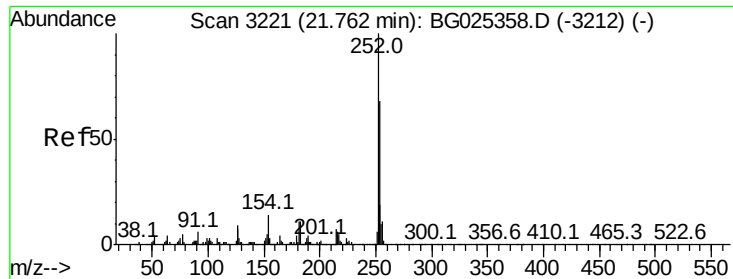
Tot Ion:149 Resp: 944321
Ion Ratio Lower Upper
149 100
91 79.3 63.5 95.3
206 29.3 21.0 31.6



#80
Benzo(a)anthracene
Concen: 72.44 ng
RT: 21.86 min Scan# 3238
Delta R.T. 0.00 min
Lab File: BG025361.D
Acq: 21 Dec 2016 17:19

Tgt Ion:228 Resp: 2451374
Ion Ratio Lower Upper
228 100
226 30.5 24.9 37.3
229 23.4 18.2 27.2





#81

3,3'-Dichlorobenzidine

Concen: 69.47 ng

RT: 21.76 min Scan# 3221

Delta R.T. 0.00 min

Lab File: BG025361.D

Acq: 21 Dec 2016 17:19

Instrument :

BNA_G

ClientSampleId :

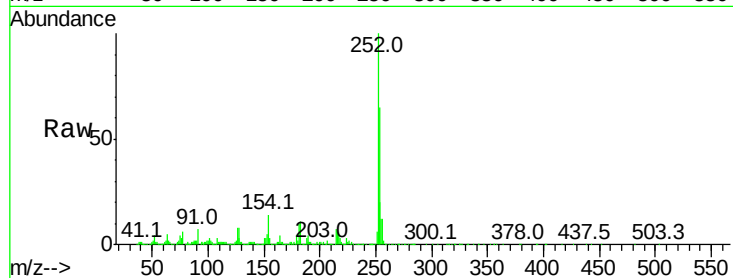
Tot Ion:252 Resp: 948443

Ion Ratio Lower Upper

252 100

254 65.3 53.1 79.7

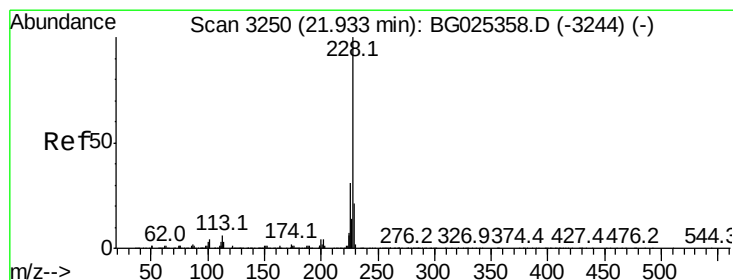
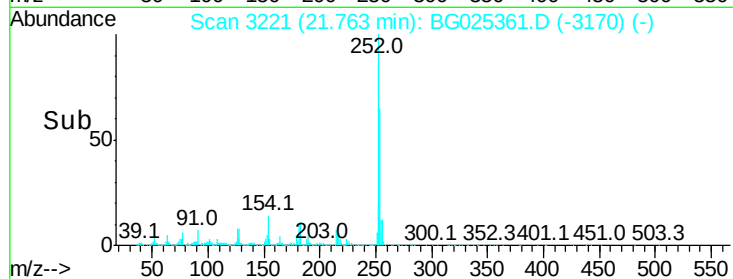
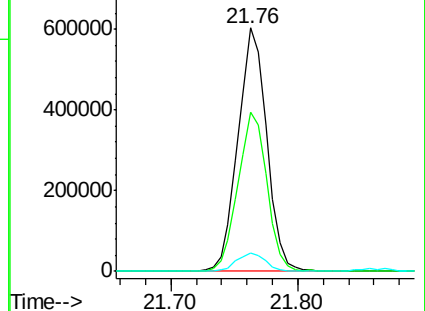
126 7.6 7.0 10.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 72.88 ng

RT: 21.93 min Scan# 3250

Delta R.T. 0.00 min

Lab File: BG025361.D

Acq: 21 Dec 2016 17:19

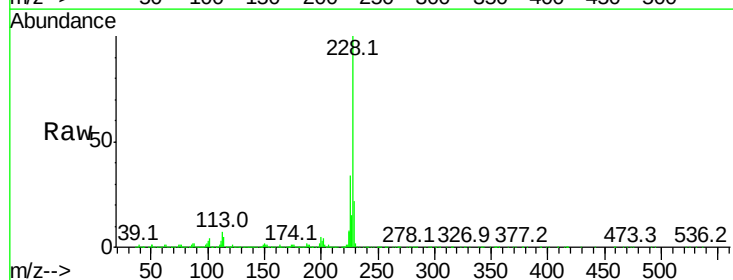
Tgt Ion:228 Resp: 2348974

Ion Ratio Lower Upper

228 100

226 34.4 27.0 40.4

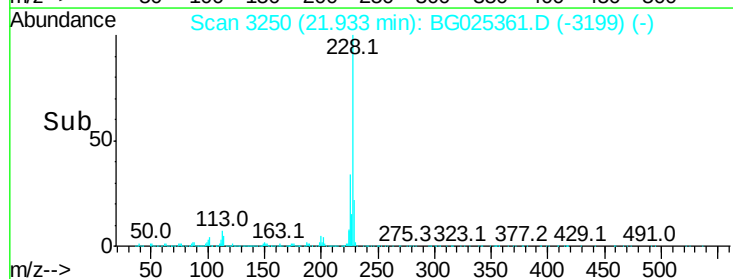
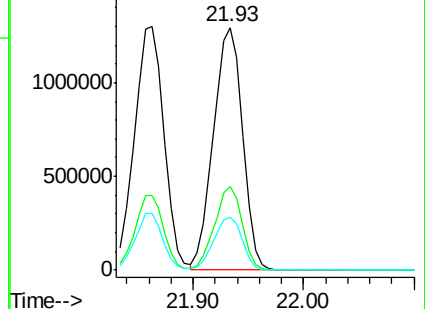
229 22.0 17.8 26.6

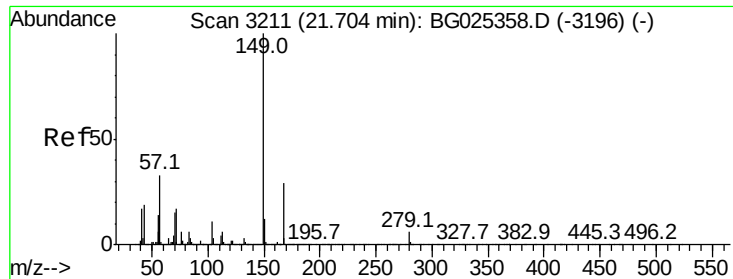


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 72.92 ng

RT: 21.70 min Scan# 3210

Delta R.T. -0.01 min

Lab File: BG025361.D

Acq: 21 Dec 2016 17:19

Instrument :

BNA_G

ClientSampleId :

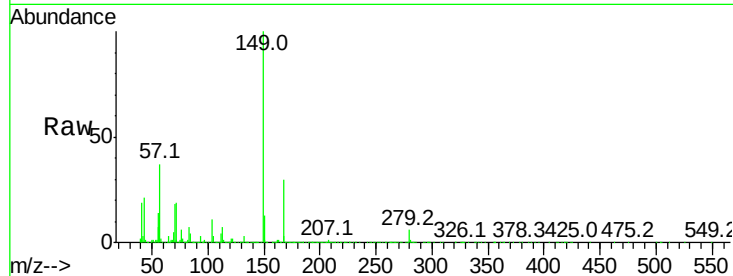
Tot Ion:149 Resp: 1309630

Ion	Ratio	Lower	Upper
149	100		
167	30.3	23.7	35.5
279	6.2	4.6	6.8

149 100

167 30.3 23.7 35.5

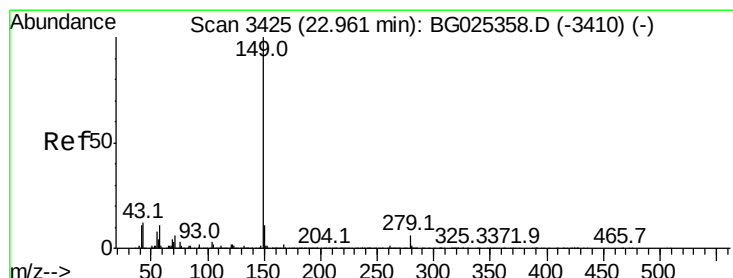
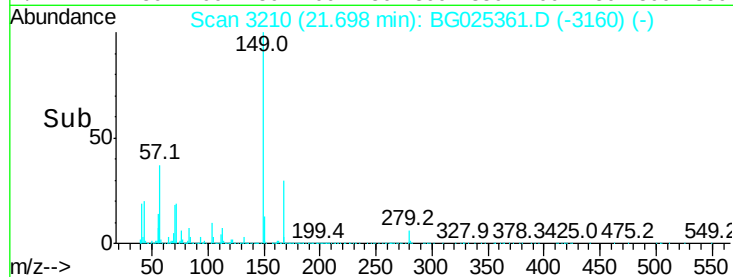
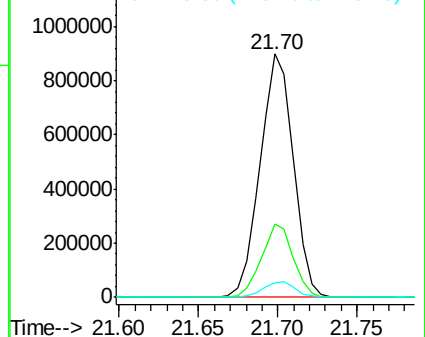
279 6.2 4.6 6.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 73.00 ng

RT: 22.96 min Scan# 3425

Delta R.T. 0.00 min

Lab File: BG025361.D

Acq: 21 Dec 2016 17:19

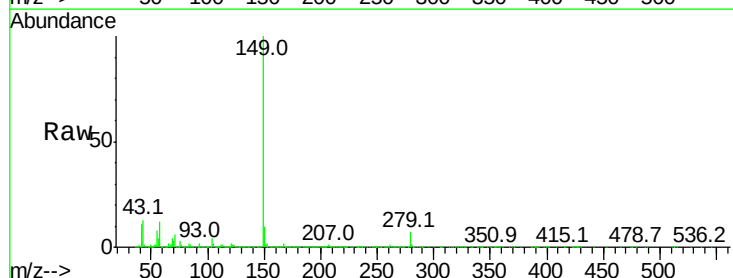
Tgt Ion:149 Resp: 2175938

Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.4	2.2
43	13.1	11.8	17.6

149 100

167 1.9 1.4 2.2

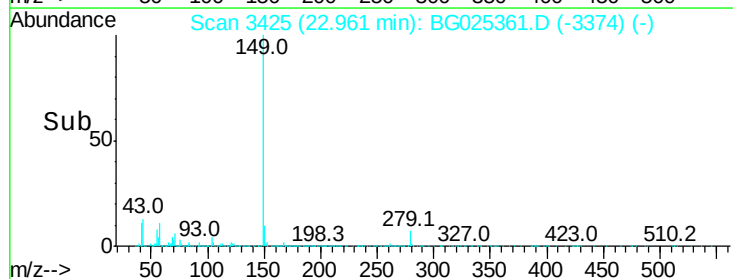
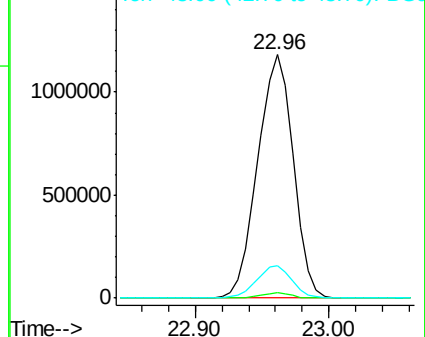
43 13.1 11.8 17.6

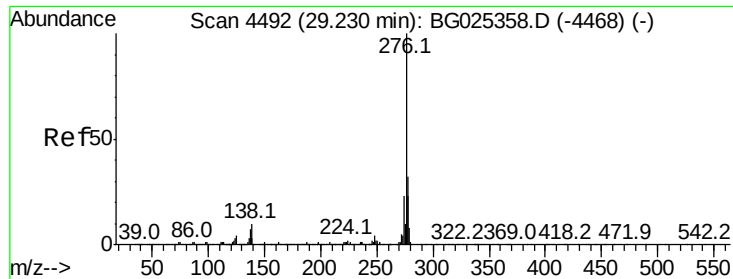


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG0

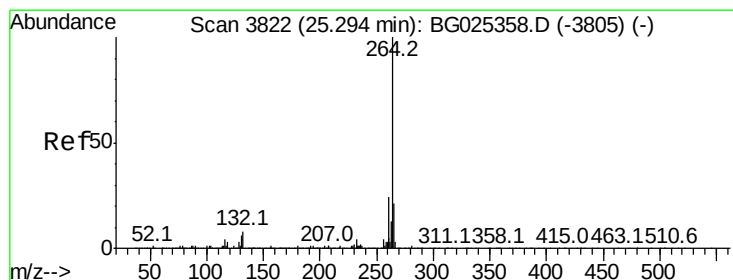
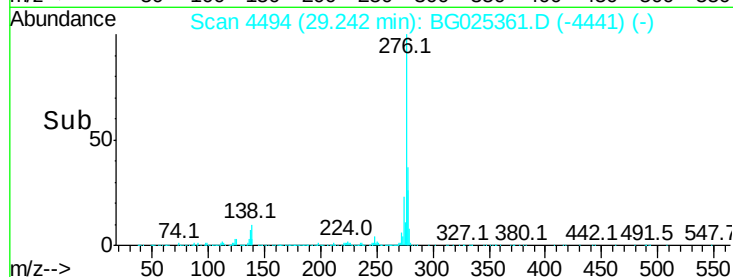
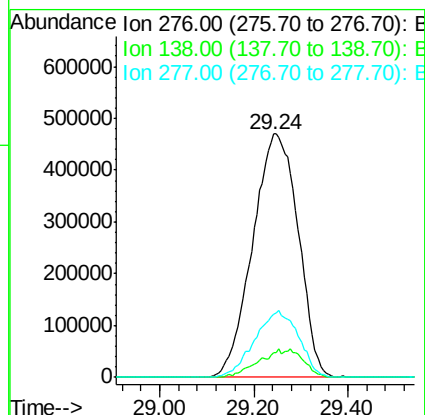
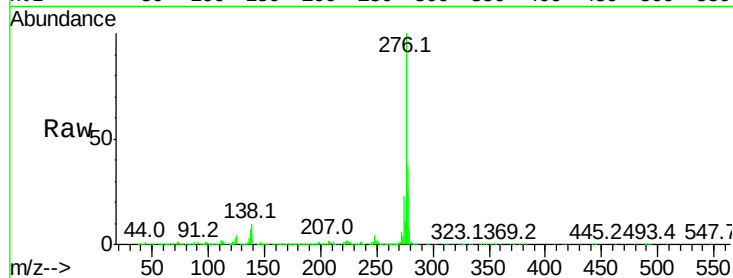




#85
Indeno(1,2,3-cd)pyrene
Concen: 70.84 ng
RT: 29.24 min Scan# 4494
Delta R.T. 0.01 min
Lab File: BG025361.D
Acq: 21 Dec 2016 17:19

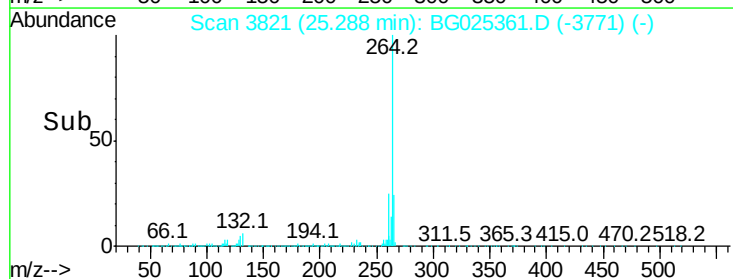
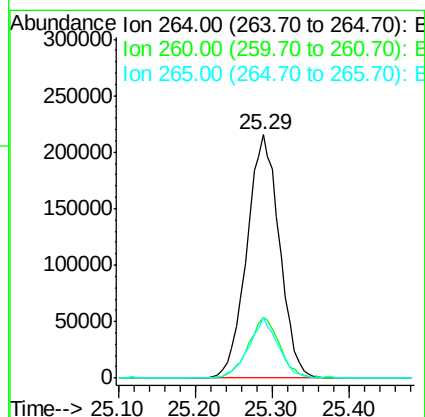
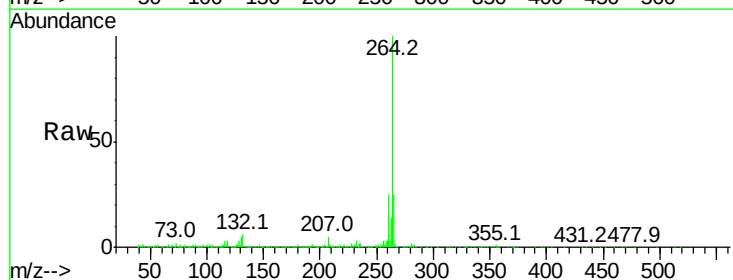
Instrument :
BNA_G
ClientSampleId :

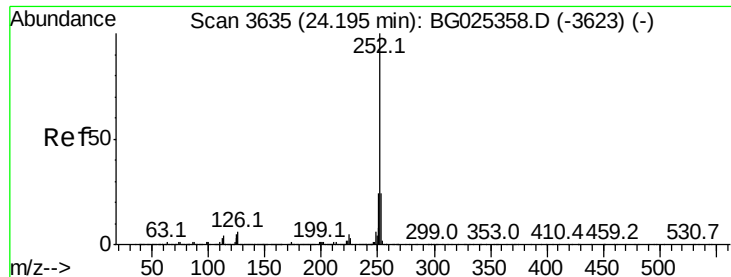
Tot Ion:276 Resp: 3151559
Ion Ratio Lower Upper
276 100
138 6.2 4.7 7.1
277 26.5 20.6 31.0



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.29 min Scan# 3821
Delta R.T. -0.01 min
Lab File: BG025361.D
Acq: 21 Dec 2016 17:19

Tgt Ion:264 Resp: 636416
Ion Ratio Lower Upper
264 100
260 24.9 21.8 32.8
265 24.7 18.2 27.4





#87

Benzo(b)fluoranthene

Concen: 74.72 ng

RT: 24.20 min Scan# 3636

Delta R.T. 0.01 min

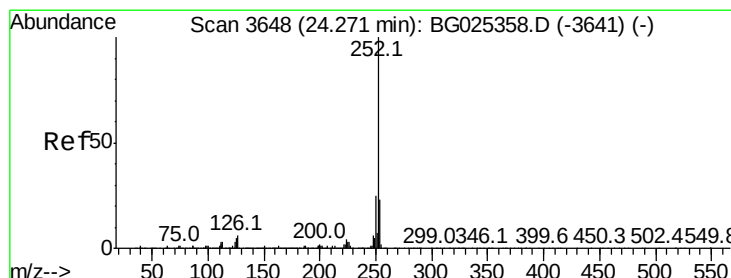
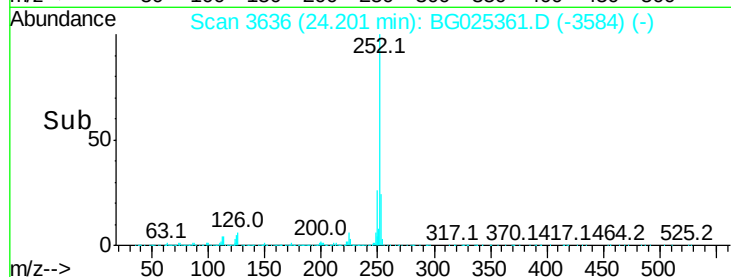
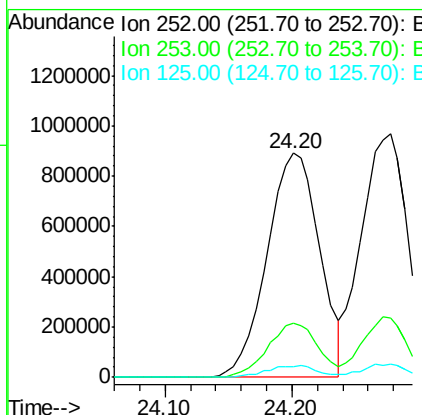
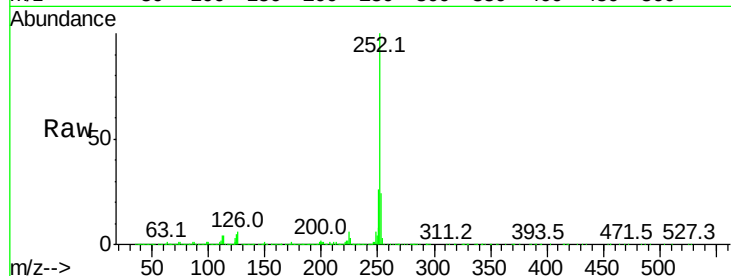
Lab File: BG025361.D

Acq: 21 Dec 2016 17:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion:252 Resp: 2570355

Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.7	28.1
125	5.0	5.3	7.9#



#88

Benzo(k)fluoranthene

Concen: 74.44 ng

RT: 24.28 min Scan# 3649

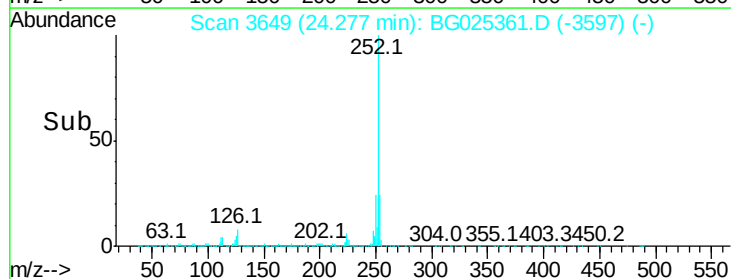
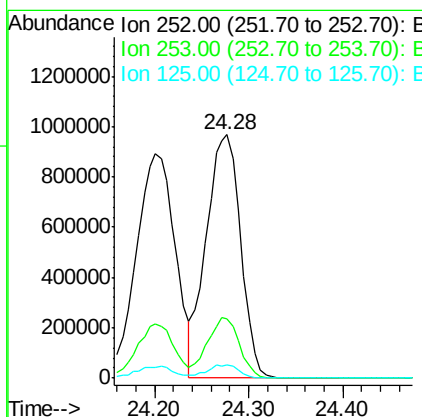
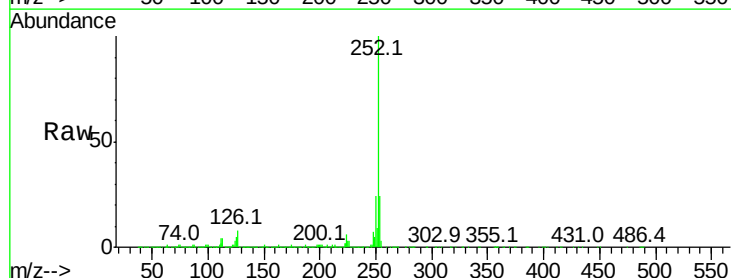
Delta R.T. 0.01 min

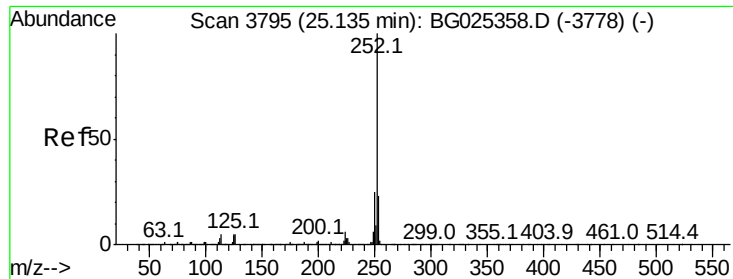
Lab File: BG025361.D

Acq: 21 Dec 2016 17:19

Tgt Ion:252 Resp: 2472916

Ion	Ratio	Lower	Upper
252	100		
253	24.2	20.2	30.2
125	5.2	5.1	7.7





#89

Benzo(a)pyrene

Concen: 74.03 ng

RT: 25.14 min Scan# 3796

Delta R.T. 0.01 min

Lab File: BG025361.D

Acq: 21 Dec 2016 17:19

Instrument :

BNA_G

ClientSampled :

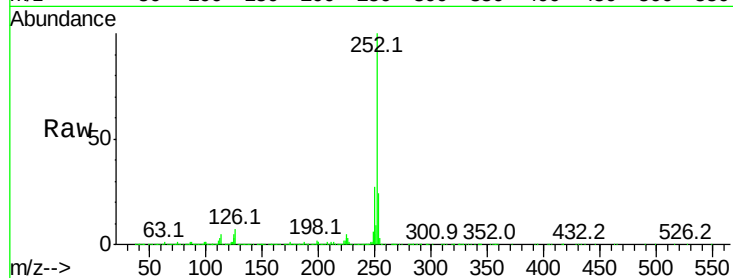
Tot Ion:252 Resp: 2488357

Ion	Ratio	Lower	Upper
252	100		
253	24.2	19.2	28.8
125	4.9	5.4	8.0

252 100

253 24.2 19.2 28.8

125 4.9 5.4 8.0

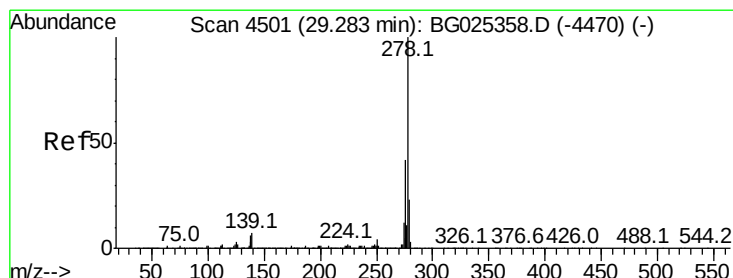
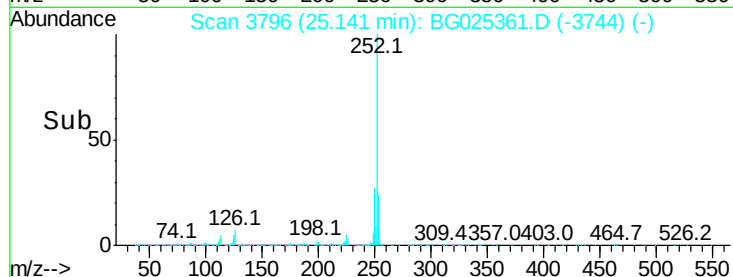
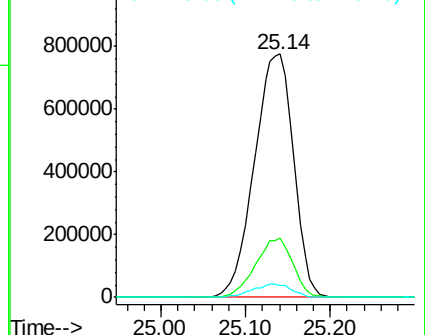


Abundance

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: 73.08 ng

RT: 29.29 min Scan# 4502

Delta R.T. 0.01 min

Lab File: BG025361.D

Acq: 21 Dec 2016 17:19

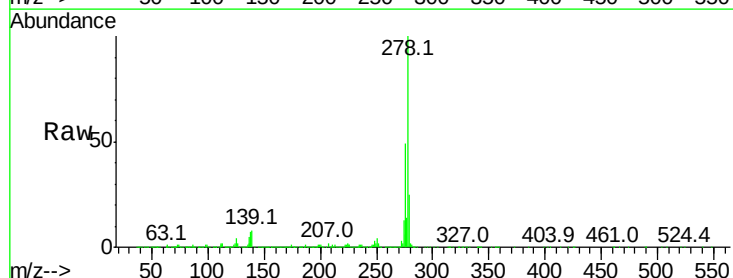
Tgt Ion:278 Resp: 2696367

Ion	Ratio	Lower	Upper
278	100		
139	7.5	7.7	11.5
279	24.8	19.1	28.7

278 100

139 7.5 7.7 11.5

279 24.8 19.1 28.7

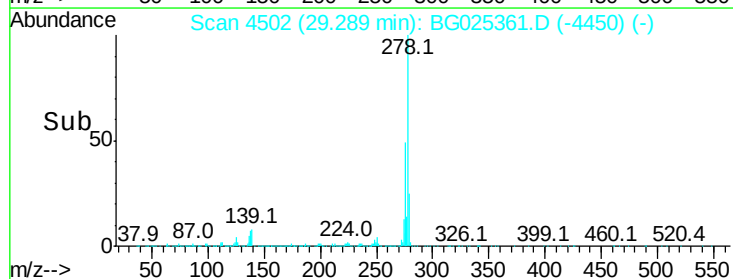
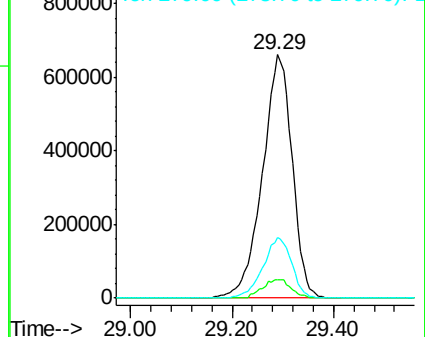


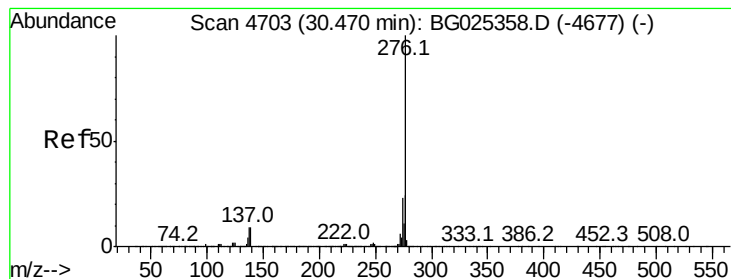
Abundance

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: 72.19 ng

RT: 30.48 min Scan# 4704

Delta R.T. 0.01 min

Lab File: BG025361.D

Acq: 21 Dec 2016 17:19

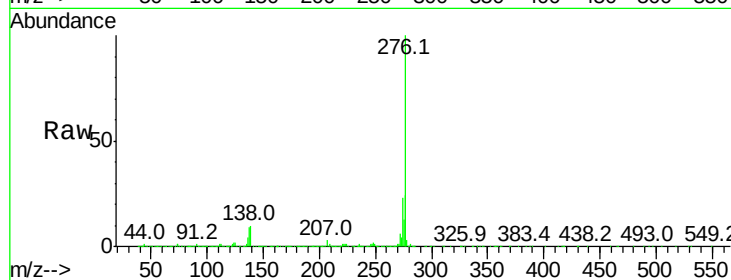
Instrument :

BNA_G

ClientSampleId :

Tot Ion:276 Resp: 2660838

Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.6	27.8
138	9.5	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

