

Data Path : Z:\HPCHEM1\BNA G\Data\BG012017\
 Data File : BG025534.D
 Acq On : 20 Jan 2017 11:59
 Operator : UM/SJ
 Sample : SSTDCCC40
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 20 13:30:01 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 10 11:26:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	54043	20.00	ng	-0.02
21) Naphthalene-d8	11.01	136	273256	20.00	ng	-0.02
38) Acenaphthene-d10	14.81	164	237821	20.00	ng	-0.02
63) Phenanthrene-d10	17.56	188	552140	20.00	ng	-0.02
75) Chrysene-d12	21.85	240	694156	20.00	ng	-0.02
86) Perylene-d12	25.23	264	732760	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.72	112	266317	89.57	ng	-0.02
7) Phenol-d6	7.34	99	398156	95.09	ng	-0.02
23) Nitrobenzene-d5	9.36	82	513597	83.03	ng	-0.02
41) 2,4,6-Tribromophenol	16.30	330	296933	77.55	ng	-0.02
44) 2-Fluorobiphenyl	13.43	172	1155866	78.69	ng	-0.02
78) Terphenyl-d14	20.14	244	2106745	80.47	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.55	88	53653	42.29	ng	91
3) Pyridine	3.97	79	169431	46.07	ng	92
4) n-Nitrosodimethylamine	3.89	42	110004	50.40	ng	# 99
6) Aniline	7.50	93	274907	48.45	ng	99
8) 2-Chlorophenol	7.75	128	153570	45.79	ng	99
9) Benzaldehyde	7.32	77	126664	41.34	ng	94
10) Phenol	7.37	94	222878	48.01	ng	93
11) bis(2-Chloroethyl)ether	7.59	93	159027	44.46	ng	95
12) 1,3-Dichlorobenzene	8.06	146	180331	44.43	ng	99
13) 1,4-Dichlorobenzene	8.22	146	187757	44.64	ng	98
14) 1,2-Dichlorobenzene	8.54	146	171532	42.73	ng	99
15) Benzyl Alcohol	8.43	79	207567	51.92	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.70	45	336153	50.75	ng	94
17) 2-Methylphenol	8.63	107	148735	48.79	ng	97
18) Hexachloroethane	9.26	117	72184	44.68	ng	# 87
19) n-Nitroso-di-n-propylamine	8.99	70	182801	51.68	ng	# 94
20) 3+4-Methylphenols	8.96	107	205886	48.80	ng	94
22) Acetophenone	9.02	105	308402	40.62	ng	# 98
24) Nitrobenzene	9.41	77	283581	41.80	ng	97
25) Isophorone	9.92	82	498844	44.54	ng	95
26) 2-Nitrophenol	10.12	139	103612	39.93	ng	91
27) 2,4-Dimethylphenol	10.17	122	167695	39.31	ng	88
28) bis(2-Chloroethoxy)methane	10.40	93	238244	40.96	ng	96
29) 2,4-Dichlorophenol	10.67	162	187117	40.99	ng	97
30) 1,2,4-Trichlorobenzene	10.87	180	212702	38.57	ng	97
31) Naphthalene	11.05	128	558565	40.93	ng	99
32) Benzoic acid	10.33	122	129803	37.84	ng	94
33) 4-Chloroaniline	11.18	127	254295	44.31	ng	97
34) Hexachlorobutadiene	11.31	225	169764	37.71	ng	97
35) Caprolactam	11.96	113	70342	41.01	ng	93
36) 4-Chloro-3-methylphenol	12.29	107	239963	42.59	ng	98
37) 2-Methylnaphthalene	12.65	142	435887	43.10	ng	97
39) 1,2,4,5-Tetrachlorobenzene	13.01	216	301816	38.44	ng	98
40) Hexachlorocyclopentadiene	12.98	237	102859	40.56	ng	98

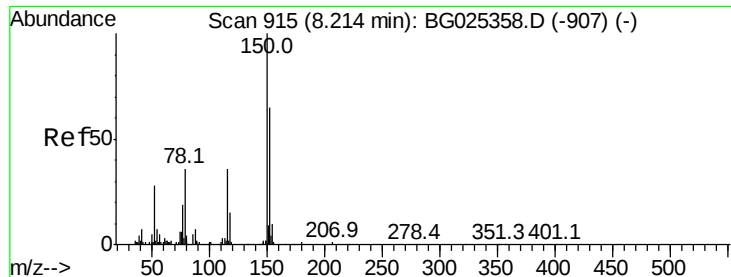
Data Path : Z:\HPCHEM1\BNA G\Data\BG012017\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.26	196	194556	39.35	nq	97
43) 2,4,5-Trichlorophenol	13.34	196	196822	38.03	nq	98
45) 1,1'-Biphenyl	13.65	154	641157	40.08	nq	96
46) 2-Chloronaphthalene	13.70	162	503415	40.28	nq	98
47) 2-Nitroaniline	13.92	65	236914	44.91	nq	92
48) Acenaphthylene	14.54	152	782148	40.38	nq	98
49) Dimethylphthalate	14.26	163	713726	41.17	nq	97
50) 2,6-Dinitrotoluene	14.40	165	157147	41.49	nq	98
51) Acenaphthene	14.87	154	524013	41.36	nq	97
52) 3-Nitroaniline	14.74	138	155752	42.77	nq	93
53) 2,4-Dinitrophenol	14.96	184	88130	38.31	nq	# 89
54) Dibenzofuran	15.21	168	819795	40.93	nq	98
55) 4-Nitrophenol	15.06	139	106203	39.05	nq	96
56) 2,4-Dinitrotoluene	15.19	165	233668	42.37	nq	# 86
57) Fluorene	15.85	166	693213	41.34	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.44	232	212377	38.31	nq	95
59) Diethylphthalate	15.60	149	757990	41.69	nq	98
60) 4-Chlorophenyl-phenylether	15.84	204	390581	41.10	nq	94
61) 4-Nitroaniline	15.90	138	151658	41.39	nq	# 78
62) Azobenzene	16.13	77	763675	43.55	nq	99
64) 4,6-Dinitro-2-methylphenol	15.95	198	159121	41.61	nq	# 76
65) n-Nitrosodiphenylamine	16.05	169	614188	41.15	nq	99
66) 4-Bromophenyl-phenylether	16.73	248	277201	40.69	nq	96
67) Hexachlorobenzene	16.86	284	310941	39.78	nq	95
68) Atrazine	16.99	200	224480	34.33	nq	96
69) Pentachlorophenol	17.21	266	141906	35.02	nq	97
70) Phenanthrene	17.60	178	1169355	41.10	nq	94
71) Anthracene	17.69	178	1206382	41.73	nq	100
72) Carbazole	17.97	167	1046231	40.46	nq	97
73) Di-n-butylphthalate	18.48	149	1281949	40.29	nq	96
74) Fluoranthene	19.60	202	1507462	40.11	nq	95
76) Benzidine	19.78	184	585279	33.80	nq	98
77) Pyrene	19.96	202	1536892	42.36	nq	98
79) Butylbenzylphthalate	20.81	149	601253	41.28	nq	97
80) Benzo(a)anthracene	21.82	228	1582979	40.88	nq	95
81) 3,3'-Dichlorobenzidine	21.73	252	600975	39.96	nq	97
82) Chrysene	21.89	228	1536450	41.38	nq	98
83) Bis(2-ethylhexyl)phthalate	21.67	149	827844	40.84	nq	97
84) Di-n-octyl phthalate	22.92	149	1402905	41.68	nq	97
85) Indeno(1,2,3-cd)pyrene	29.13	276	1943065	41.17	nq	99
87) Benzo(b)fluoranthene	24.14	252	1629388	40.75	nq	97
88) Benzo(k)fluoranthene	24.14	252	1629388	42.20	nq	94
89) Benzo(a)pyrene	25.07	252	1580356	40.93	nq	99
90) Dibenzo(a,h)anthracene	29.19	278	1665641	40.70	nq	97
91) Benzo(g,h,i)perylene	30.36	276	1652131	40.62	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.18 min Scan# 909

Delta R.T. -0.02 min

Lab File: BG025534.D

Acq: 20 Jan 2017 11:59

Instrument :

BNA_G

ClientSampleId :

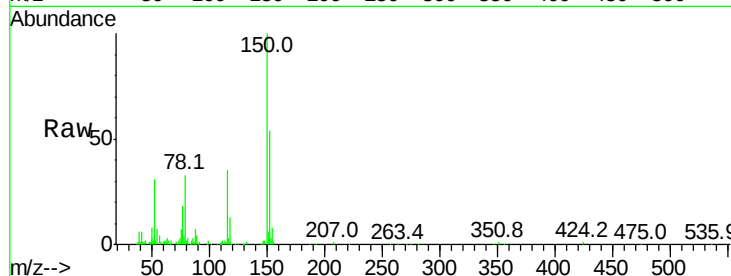
Tot Ion:152 Resp: 54043

Ion Ratio Lower Upper

152 100

150 186.6 114.0 171.0#

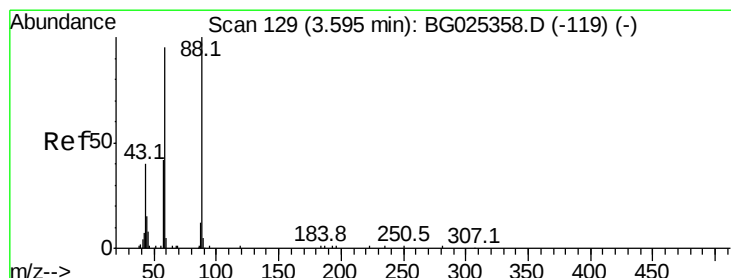
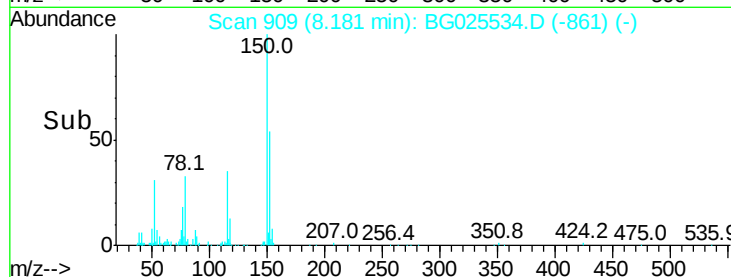
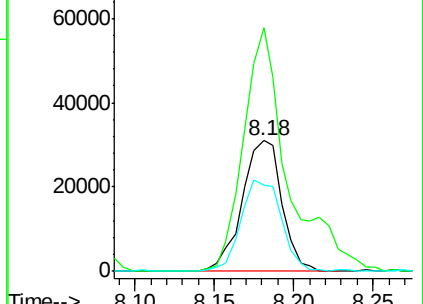
115 66.0 48.1 72.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 42.29 ng

RT: 3.55 min Scan# 121

Delta R.T. -0.03 min

Lab File: BG025534.D

Acq: 20 Jan 2017 11:59

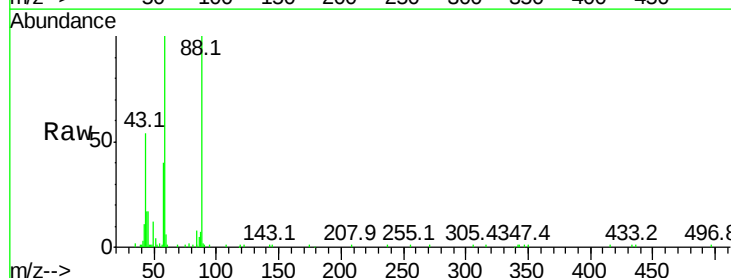
Tgt Ion: 88 Resp: 53653

Ion Ratio Lower Upper

88 100

58 90.7 79.4 119.2

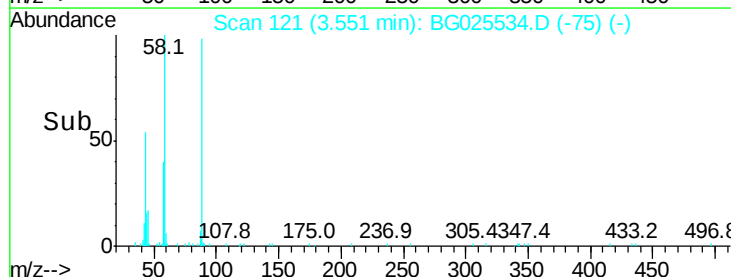
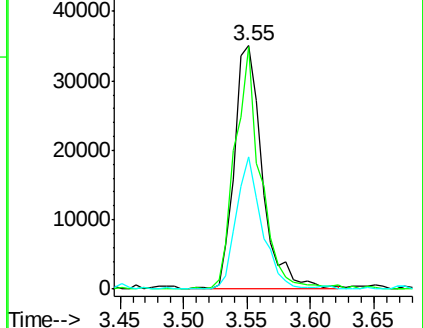
43 49.3 33.8 50.6

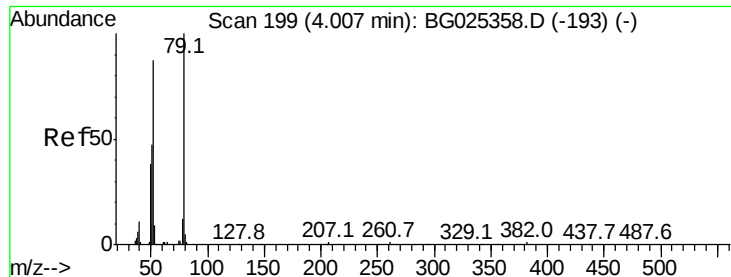


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 46.07 ng

RT: 3.97 min Scan# 192

Delta R.T. -0.02 min

Lab File: BG025534.D

Acq: 20 Jan 2017 11:59

Instrument :

BNA_G

ClientSampleId :

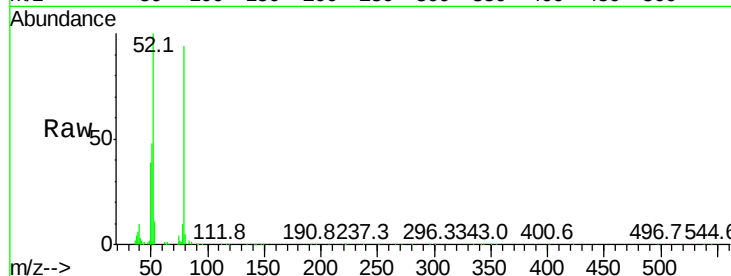
Tot Ion: 79 Resp: 169431

Ion Ratio Lower Upper

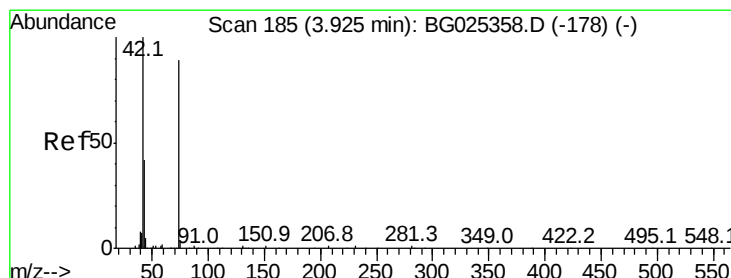
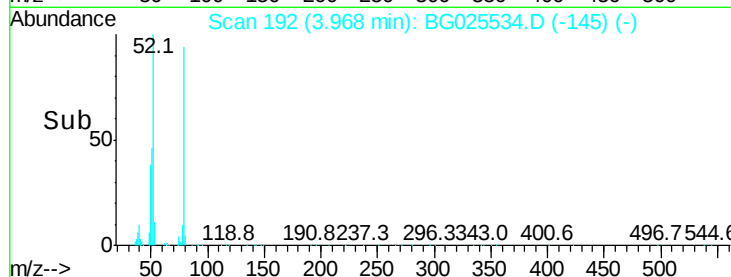
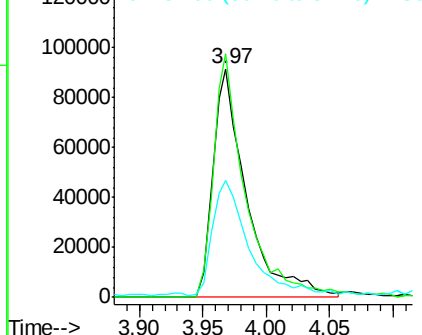
79 100

52 106.6 77.8 116.6

51 50.9 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: 50.40 ng

RT: 3.89 min Scan# 178

Delta R.T. -0.03 min

Lab File: BG025534.D

Acq: 20 Jan 2017 11:59

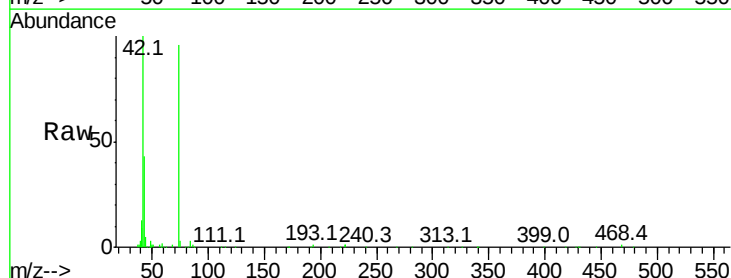
Tgt Ion: 42 Resp: 110004

Ion Ratio Lower Upper

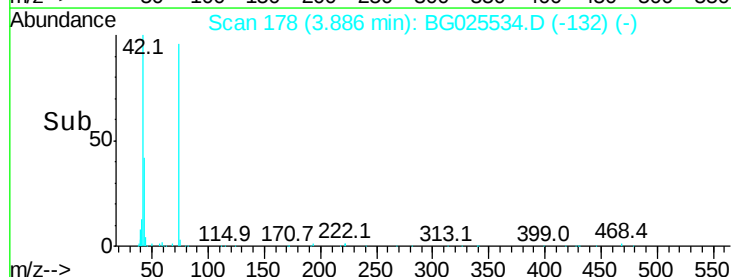
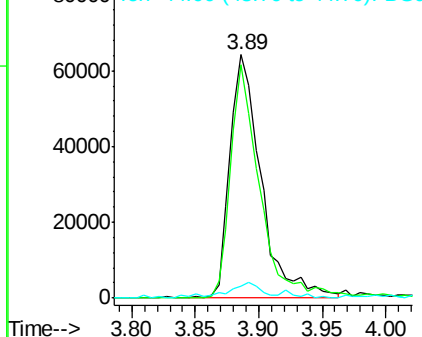
42 100

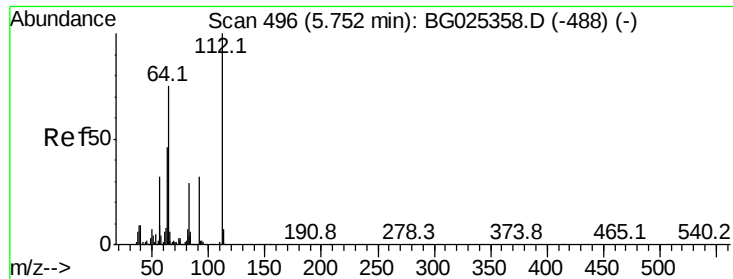
74 95.9 76.7 115.1

44 4.9 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: 89.57 ng

RT: 5.72 min Scan# 490

Delta R.T. -0.02 min

Lab File: BG025534.D

Acq: 20 Jan 2017 11:59

Instrument :

BNA_G

ClientSampleId :

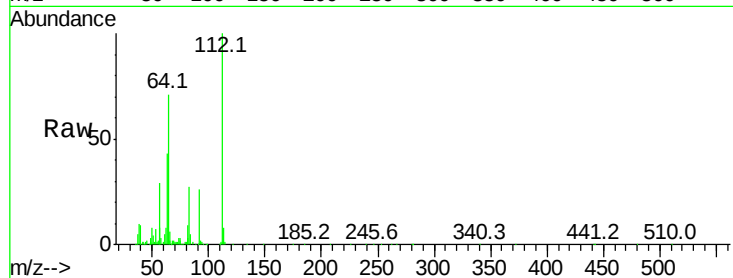
Tot Ion:112 Resp: 266317

Ion Ratio Lower Upper

112 100

64 70.8 61.8 92.6

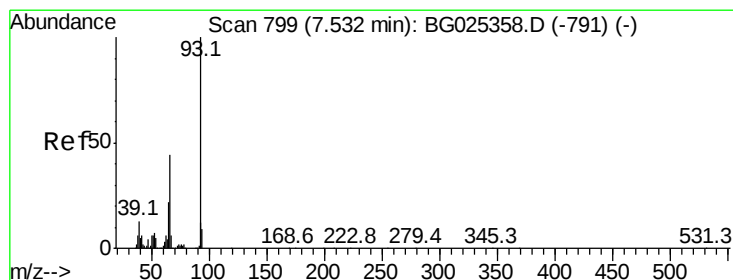
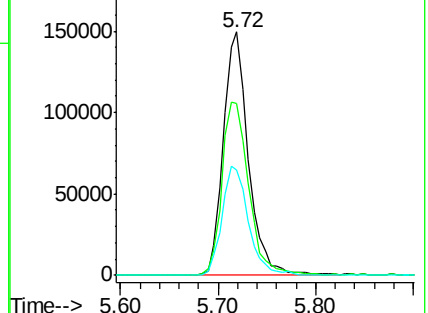
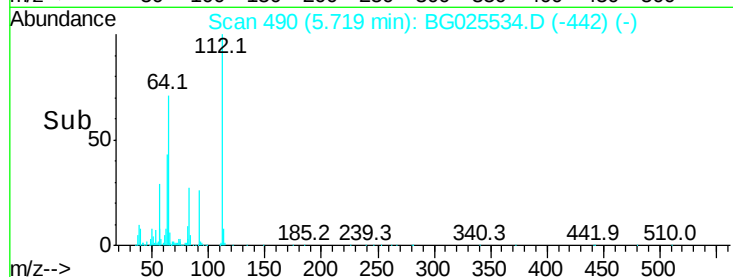
63 43.2 37.2 55.8



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: 48.45 ng

RT: 7.50 min Scan# 793

Delta R.T. -0.02 min

Lab File: BG025534.D

Acq: 20 Jan 2017 11:59

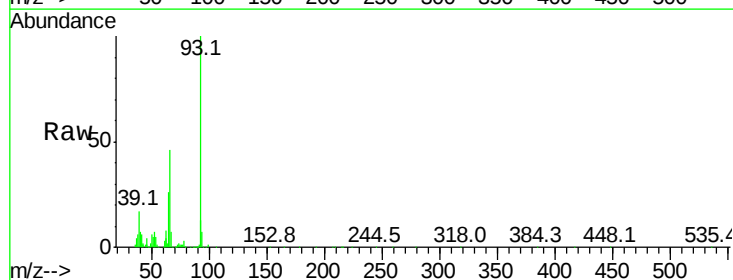
Tgt Ion: 93 Resp: 274907

Ion Ratio Lower Upper

93 100

66 45.6 35.4 53.2

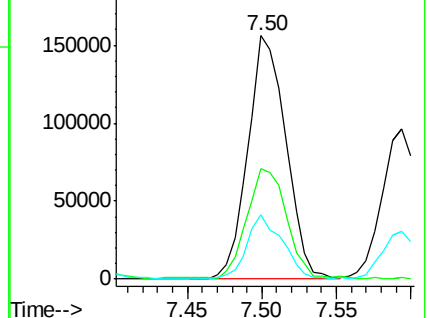
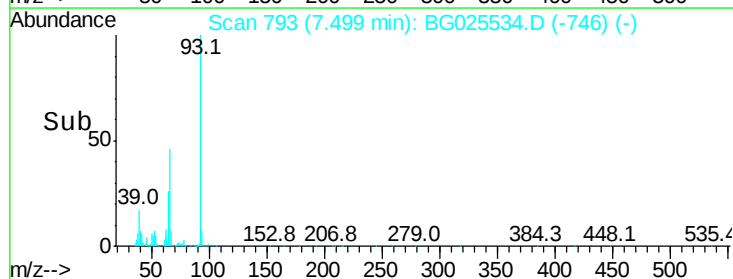
65 26.4 21.2 31.8

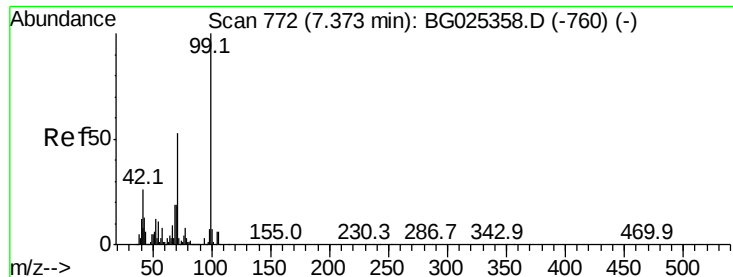


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 95.09 ng

RT: 7.34 min Scan# 766

Delta R.T. -0.02 min

Lab File: BG025534.D

Acq: 20 Jan 2017 11:59

Instrument :

BNA_G

ClientSampled :

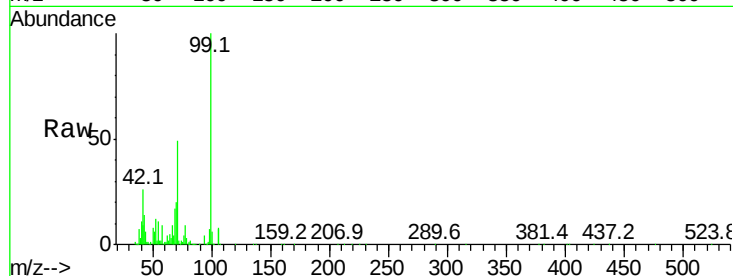
Tot Ion: 99 Resp: 398156

Ion Ratio Lower Upper

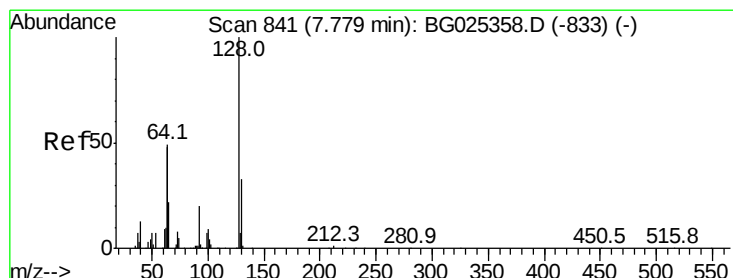
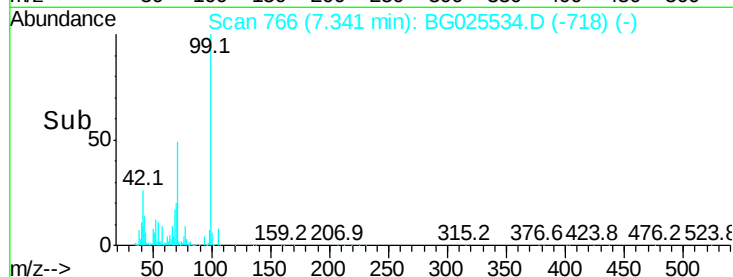
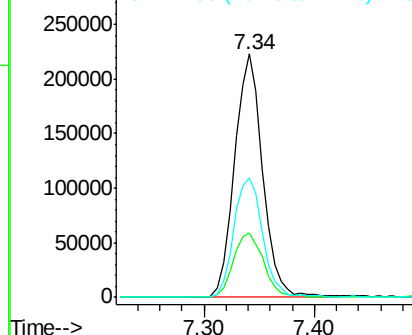
99 100

42 26.3 20.5 30.7

71 48.9 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: 45.79 ng

RT: 7.75 min Scan# 835

Delta R.T. -0.02 min

Lab File: BG025534.D

Acq: 20 Jan 2017 11:59

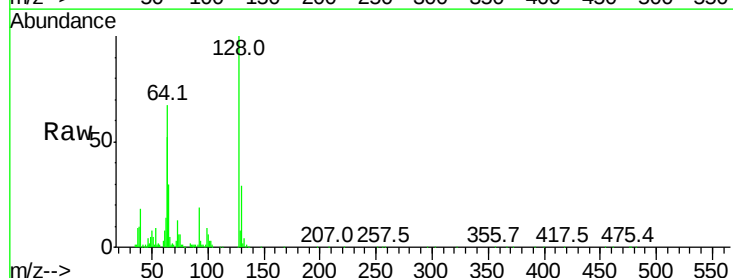
Tgt Ion: 128 Resp: 153570

Ion Ratio Lower Upper

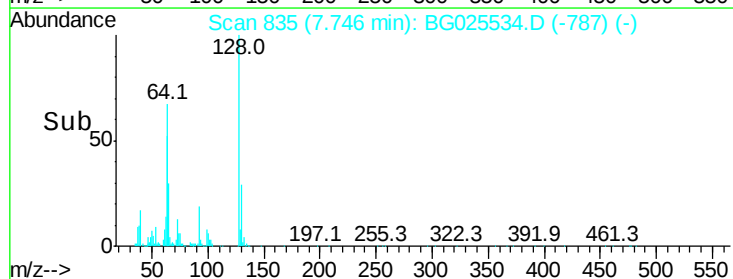
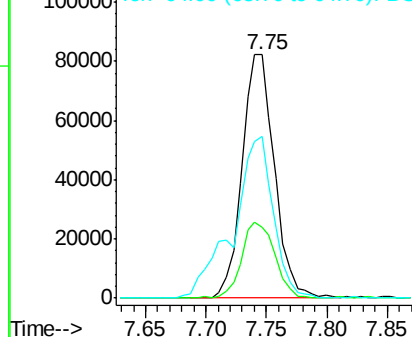
128 100

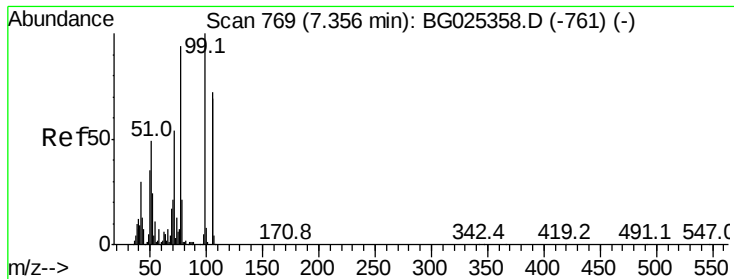
130 29.2 11.4 51.4

64 66.5 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: 41.34 ng

RT: 7.32 min Scan# 763

Delta R.T. -0.02 min

Lab File: BG025534.D

Acq: 20 Jan 2017 11:59

Instrument :

BNA_G

ClientSampleId :

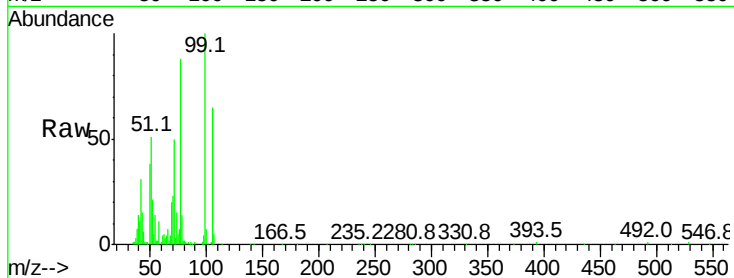
Tot Ion: 77 Resp: 126664

Ion Ratio Lower Upper

77 100

105 74.1 60.9 100.9

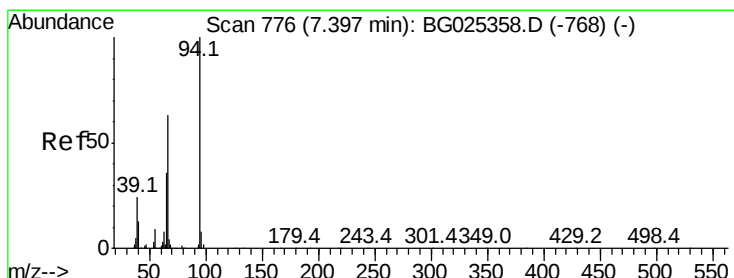
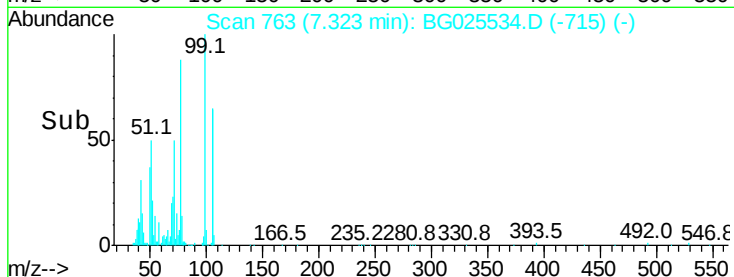
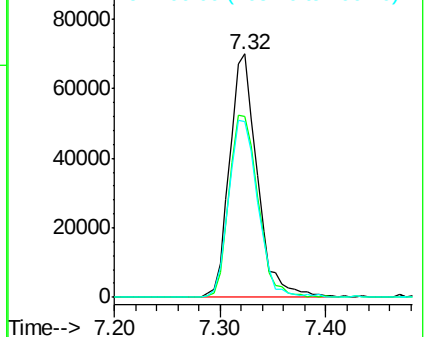
106 72.3 55.1 95.1



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 48.01 ng

RT: 7.37 min Scan# 771

Delta R.T. -0.02 min

Lab File: BG025534.D

Acq: 20 Jan 2017 11:59

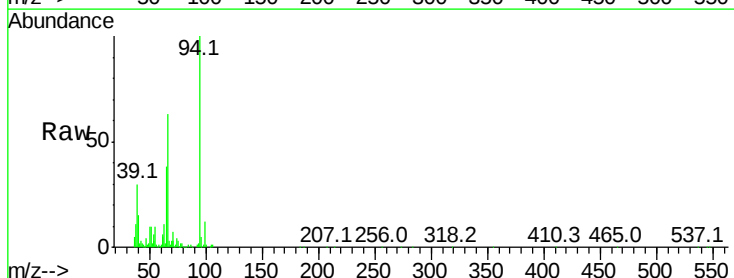
Tgt Ion: 94 Resp: 222878

Ion Ratio Lower Upper

94 100

65 38.1 20.6 60.6

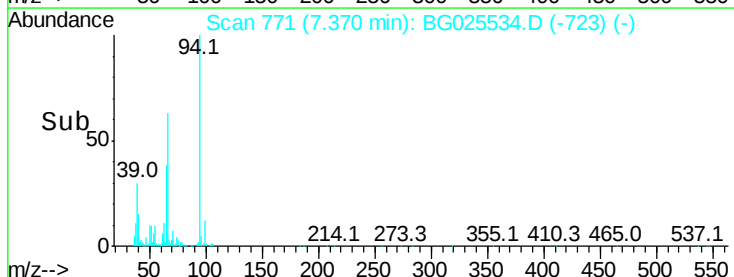
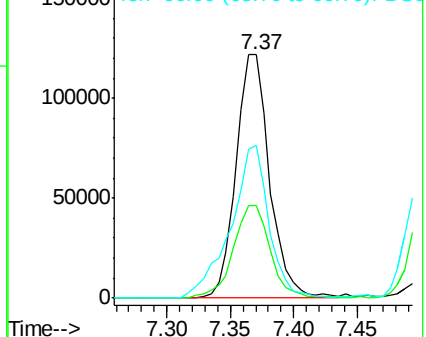
66 62.7 35.5 75.5

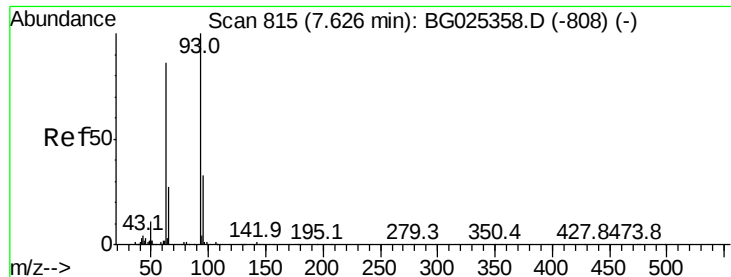


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

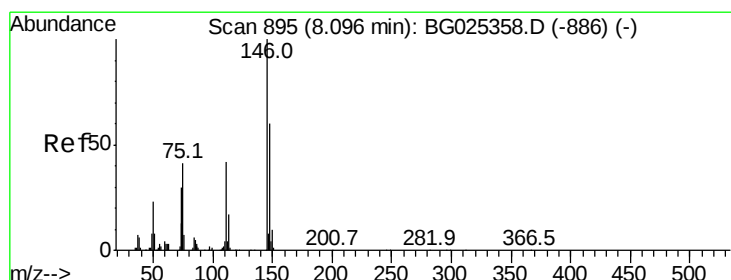
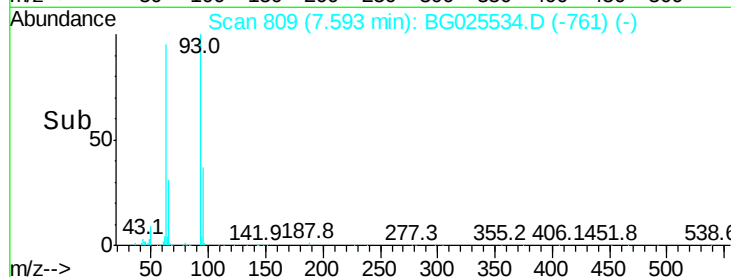
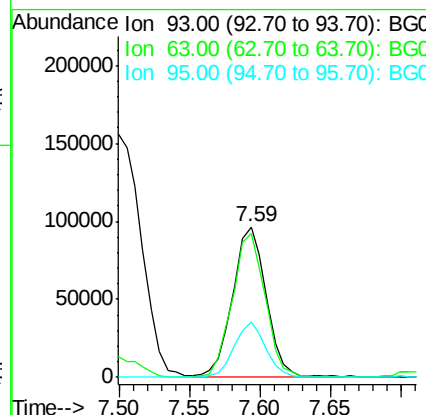
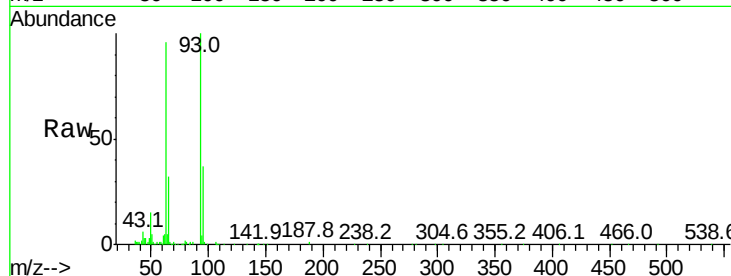




#11
bis(2-Chloroethyl)ether
Concen: 44.46 ng
RT: 7.59 min Scan# 809
Delta R.T. -0.02 min
Lab File: BG025534.D
Acq: 20 Jan 2017 11:59

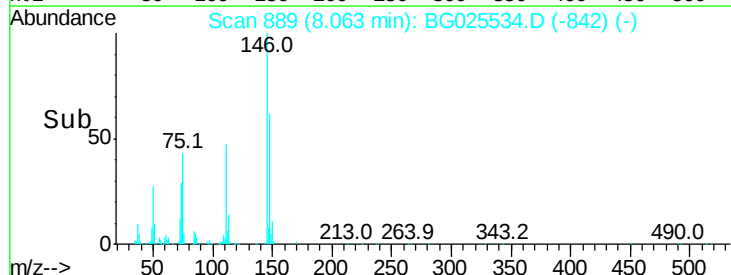
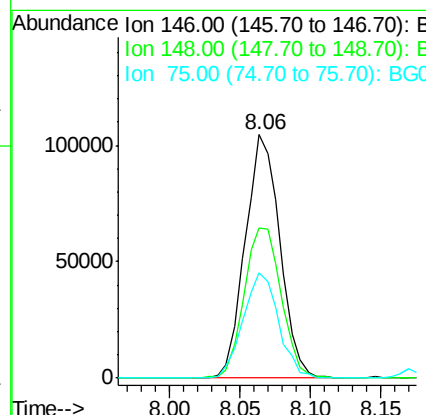
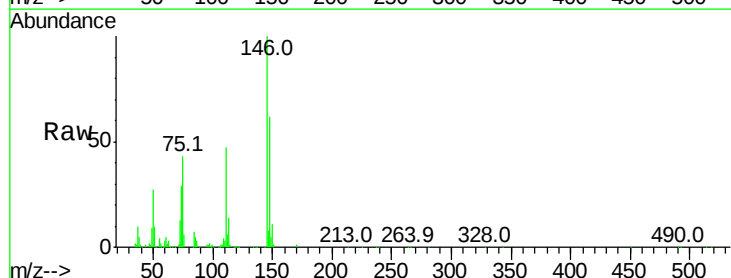
Instrument :
BNA_G
ClientSampleId :

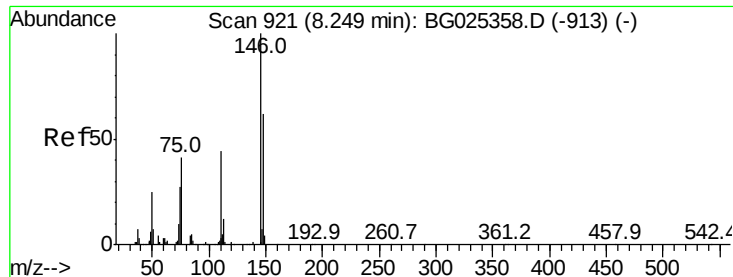
Tot Ion	Ratio	Lower	Upper
93	100		
63	95.8	78.5	118.5
95	37.2	9.8	49.8



#12
1,3-Dichlorobenzene
Concen: 44.43 ng
RT: 8.06 min Scan# 889
Delta R.T. -0.02 min
Lab File: BG025534.D
Acq: 20 Jan 2017 11:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.9	49.2	73.8
75	43.4	33.4	50.2





#13

1,4-Dichlorobenzene

Concen: 44.64 ng

RT: 8.22 min Scan# 915

Delta R.T. -0.02 min

Lab File: BG025534.D

Acq: 20 Jan 2017 11:59

Instrument :

BNA_G

ClientSampleId :

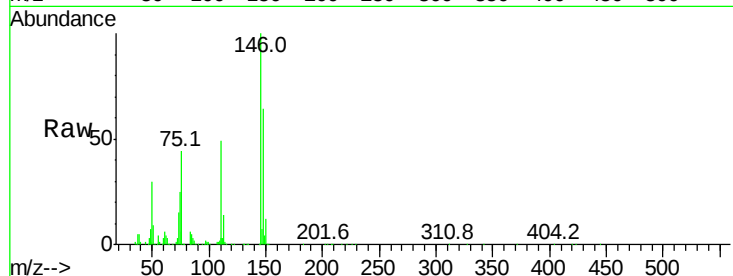
Tot Ion:146 Resp: 187757

Ion Ratio Lower Upper

146 100

148 64.4 52.2 78.2

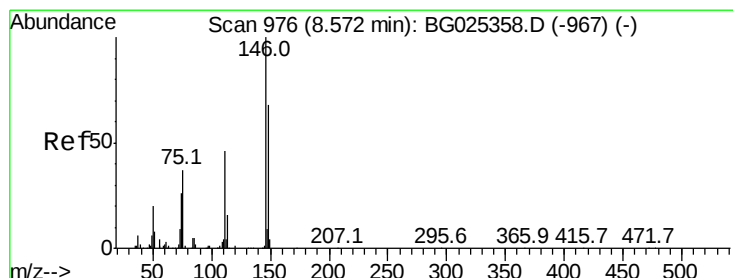
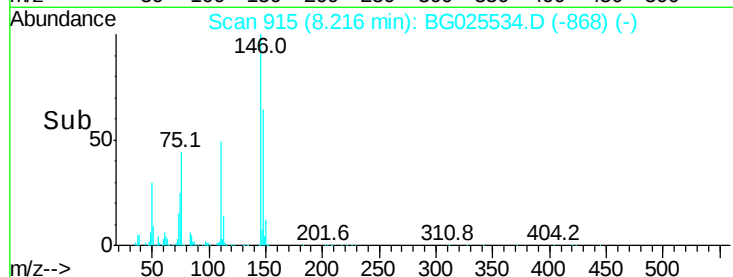
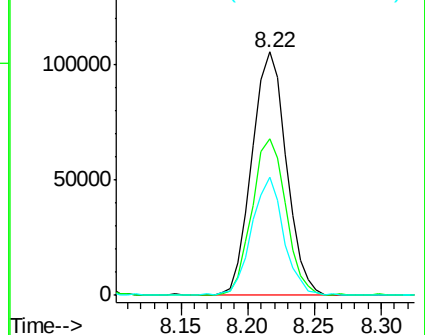
111 48.7 37.0 55.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.73 ng

RT: 8.54 min Scan# 970

Delta R.T. -0.02 min

Lab File: BG025534.D

Acq: 20 Jan 2017 11:59

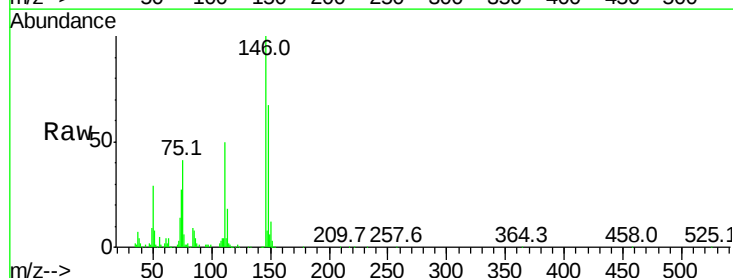
Tgt Ion:146 Resp: 171532

Ion Ratio Lower Upper

146 100

148 67.5 54.6 81.8

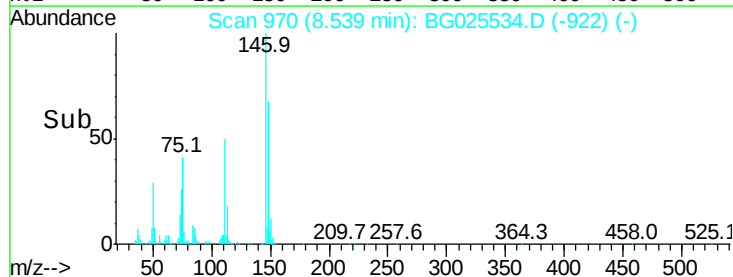
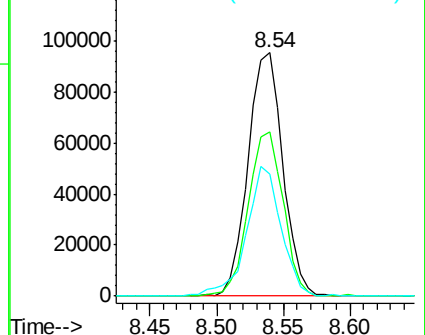
111 49.9 39.7 59.5

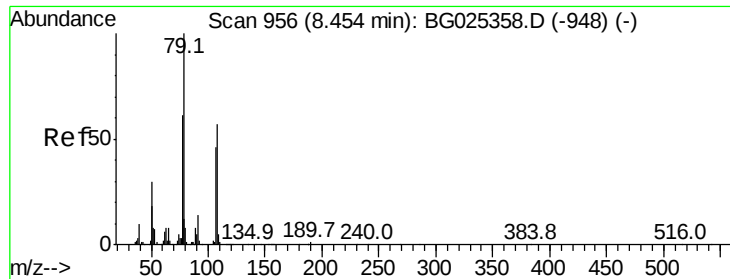


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 51.92 ng

RT: 8.43 min Scan# 951

Delta R.T. -0.02 min

Lab File: BG025534.D

Acq: 20 Jan 2017 11:59

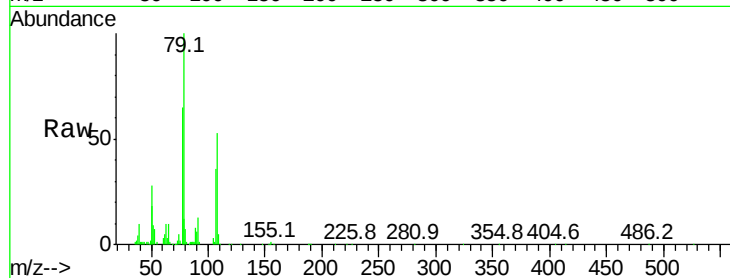
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 79 Resp: 207567

Ion	Ratio	Lower	Upper
79	100		
108	53.1	45.5	68.3
77	64.6	54.3	81.5



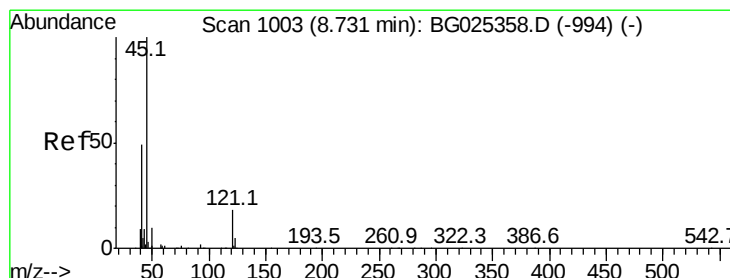
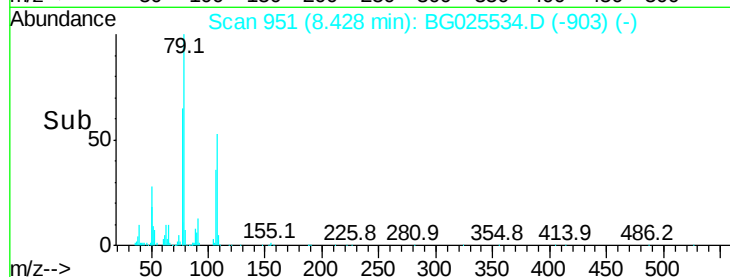
Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

8.43

Time-->



#16

2,2'-oxybis(1-chloropropane)

Concen: 50.75 ng

RT: 8.70 min Scan# 998

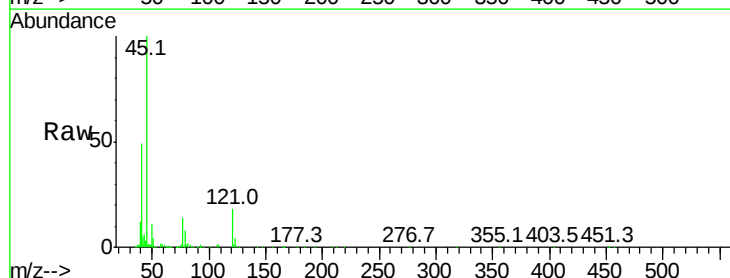
Delta R.T. -0.02 min

Lab File: BG025534.D

Acq: 20 Jan 2017 11:59

Tgt Ion: 45 Resp: 336153

Ion	Ratio	Lower	Upper
45	100		
77	14.3	0.0	30.6
79	8.4	0.0	28.5



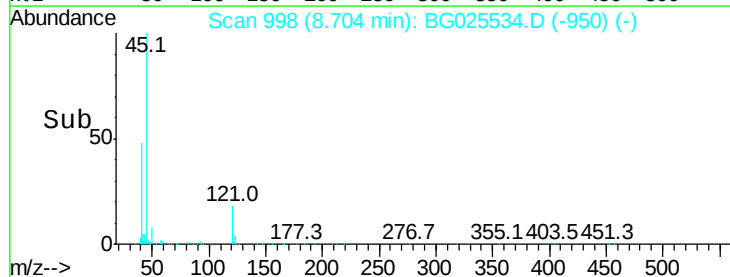
Abundance Ion 45.00 (44.70 to 45.70): BGC

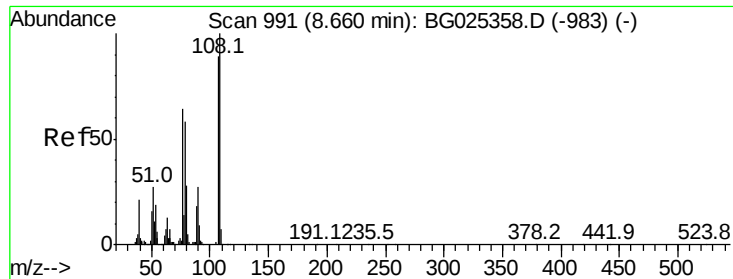
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

8.70

Time-->





#17

2-Methylphenol

Concen: 48.79 ng

RT: 8.63 min Scan# 985

Delta R.T. -0.02 min

Lab File: BG025534.D

Acq: 20 Jan 2017 11:59

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 148735

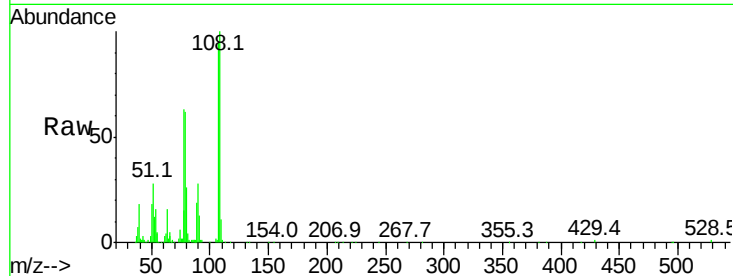
Ion Ratio Lower Upper

107 100

108 105.1 85.6 128.4

77 66.3 51.4 77.2

79 65.1 49.2 73.8

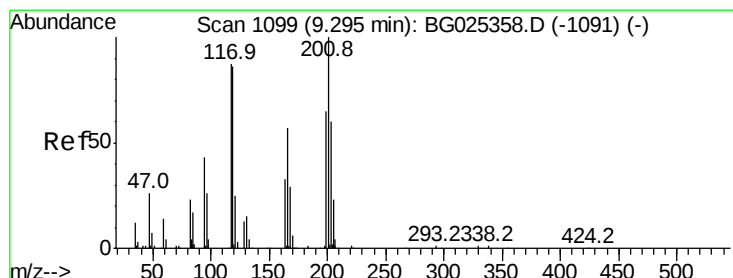
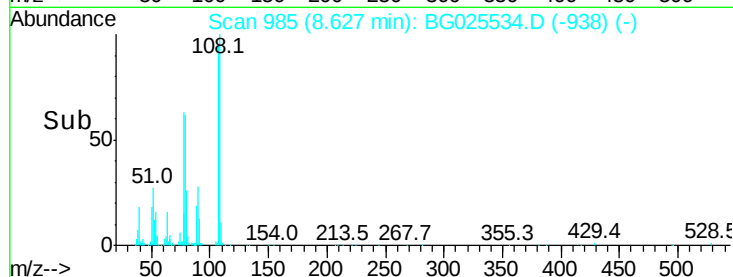
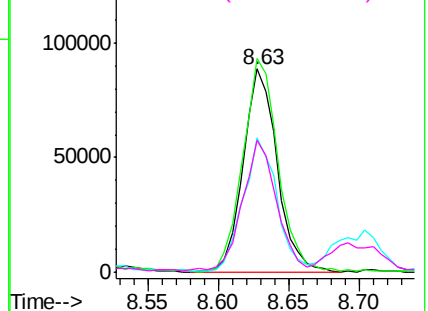


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 44.68 ng

RT: 9.26 min Scan# 1093

Delta R.T. -0.02 min

Lab File: BG025534.D

Acq: 20 Jan 2017 11:59

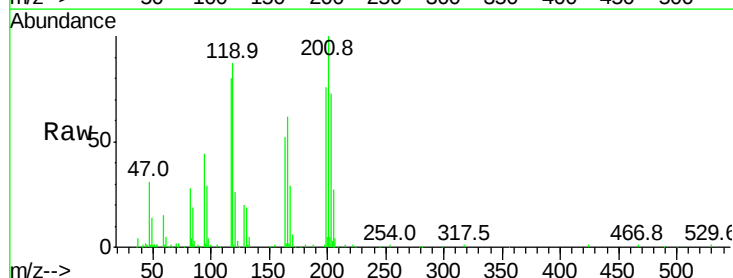
Tgt Ion:117 Resp: 72184

Ion Ratio Lower Upper

117 100

119 108.6 69.8 104.6#

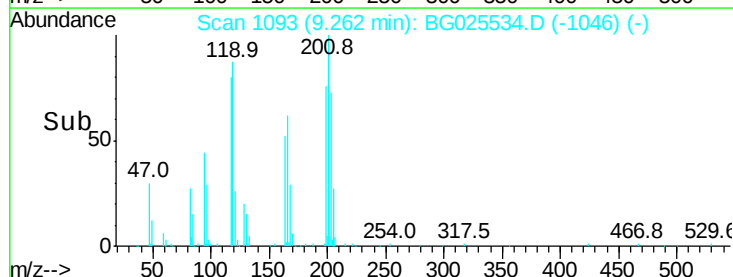
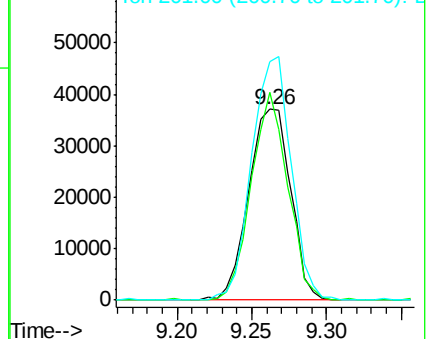
201 125.1 95.4 143.0

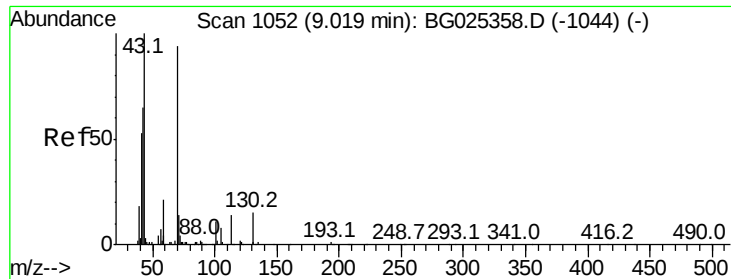


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

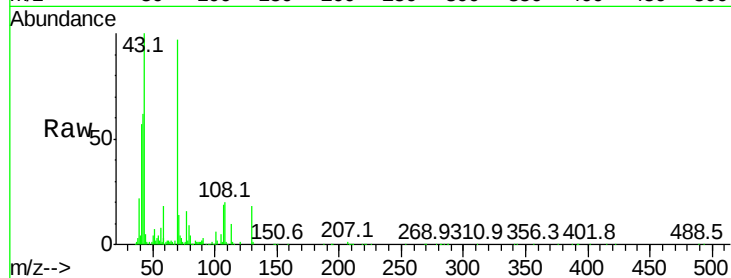




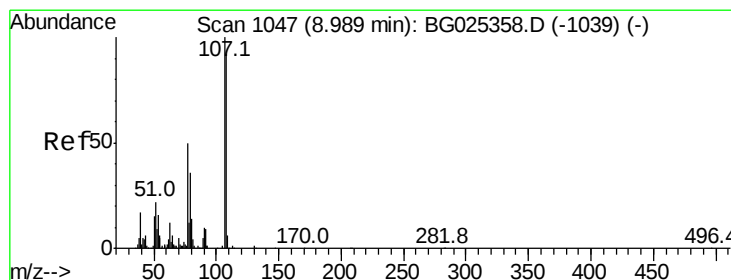
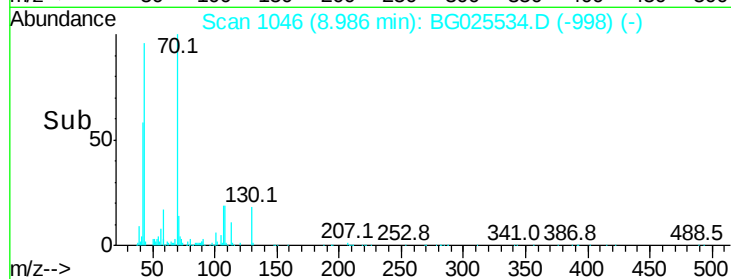
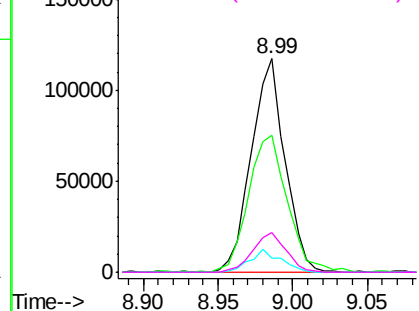
#19
n-Nitroso-di-n-propylamine
Concen: 51.68 ng
RT: 8.99 min Scan# 1046
Delta R.T. -0.02 min
Lab File: BG025534.D
Acq: 20 Jan 2017 11:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	182801
Ion	Ratio	Lower	Upper
70	100		
42	63.9	56.1	84.1
101	6.4	7.5	11.3#
130	18.5	14.6	21.8

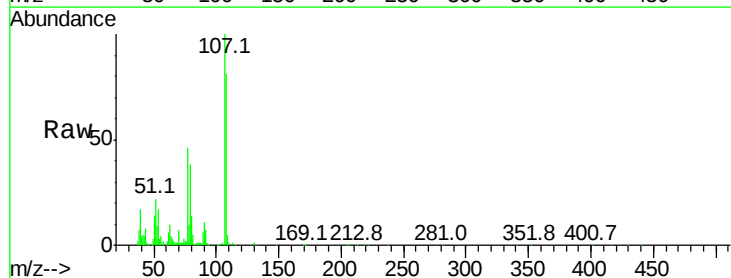


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

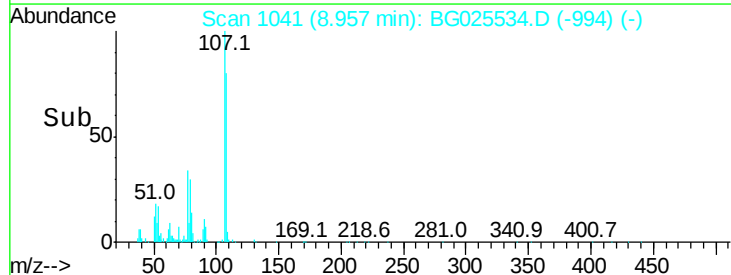
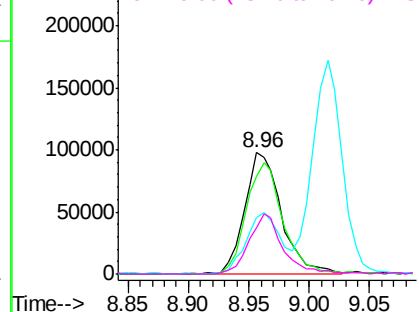


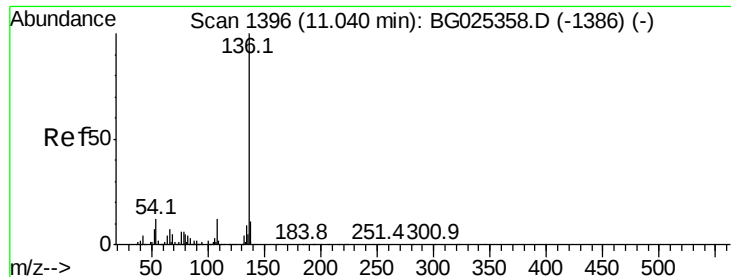
#20
3+4-Methylphenols
Concen: 48.80 ng
RT: 8.96 min Scan# 1041
Delta R.T. -0.02 min
Lab File: BG025534.D
Acq: 20 Jan 2017 11:59

Tgt Ion:	107	Resp:	205886
Ion	Ratio	Lower	Upper
107	100		
108	80.7	70.8	110.8
77	45.9	25.8	65.8
79	37.9	20.1	60.1



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

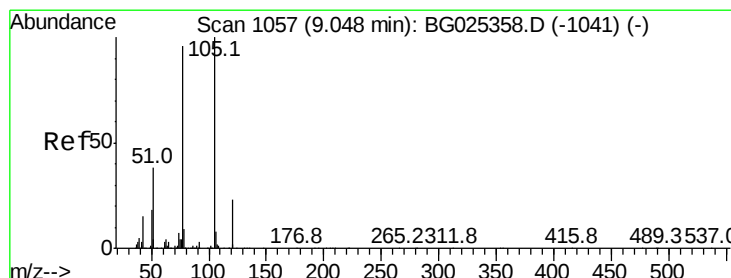
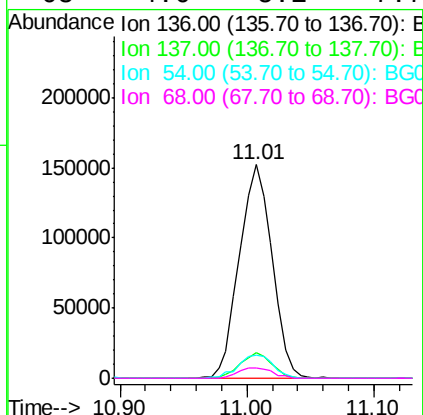
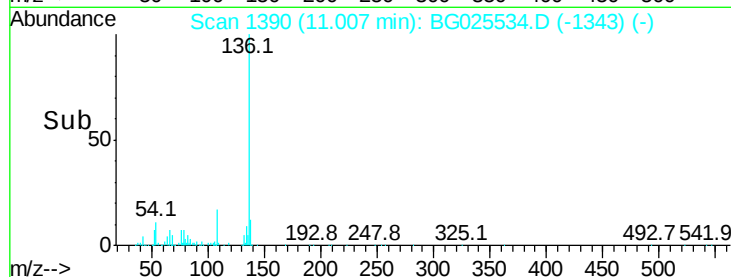
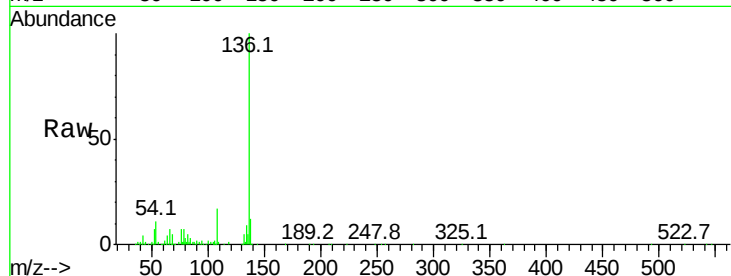




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.01 min Scan# 1390
Delta R.T. -0.02 min
Lab File: BG025534.D
Acq: 20 Jan 2017 11:59

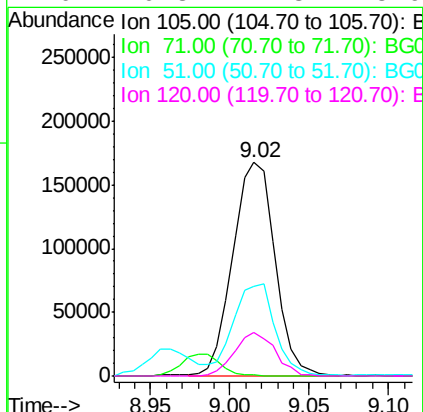
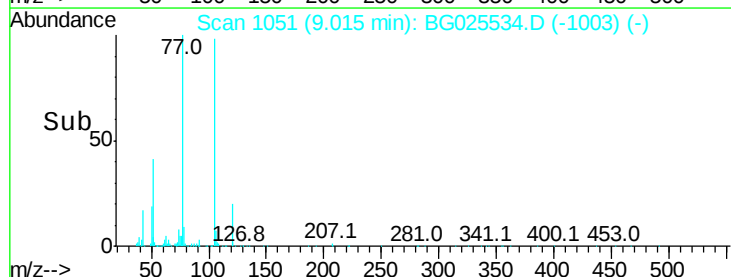
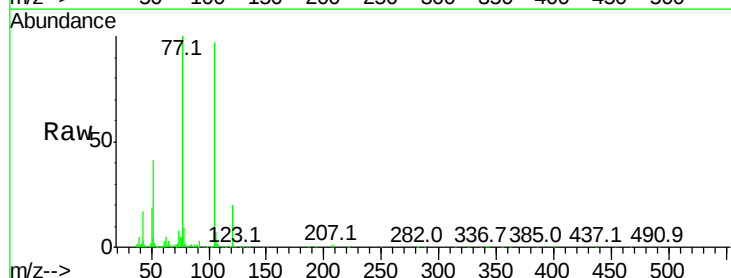
Instrument :
BNA_G
ClientSampleId :

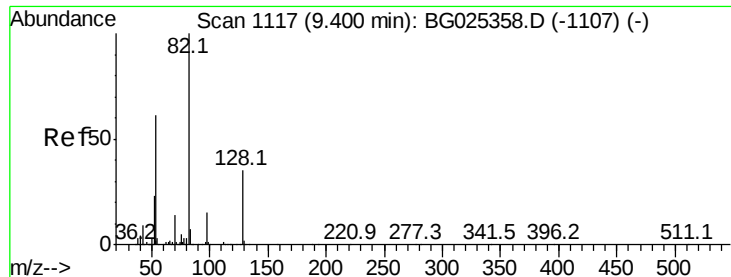
Tot Ion:136	Resp:	273256
Ion Ratio	Lower	Upper
136 100		
137 12.0	8.9	13.3
54 11.1	9.3	13.9
68 4.6	5.1	7.7#



#22
Acetophenone
Concen: 40.62 ng
RT: 9.02 min Scan# 1051
Delta R.T. -0.02 min
Lab File: BG025534.D
Acq: 20 Jan 2017 11:59

Tgt	Ion:105	Resp:	308402
Ion	Ratio	Lower	Upper
105	100		
71	0.7	0.9	1.3#
51	41.8	34.0	51.0
120	20.3	17.3	25.9

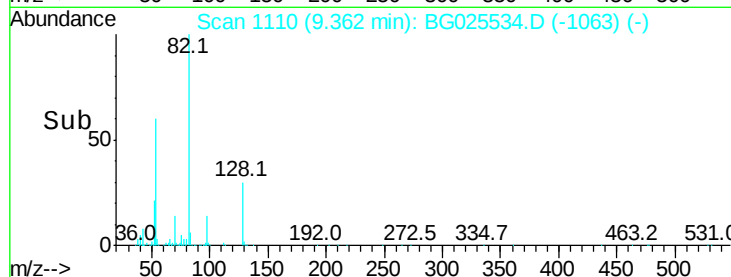
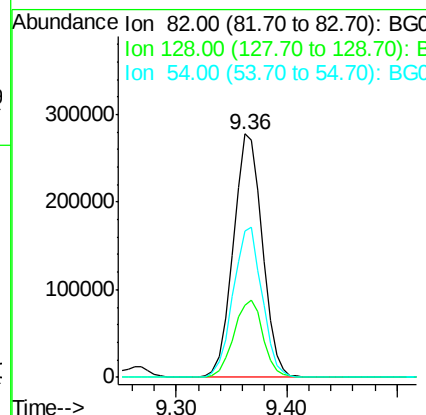
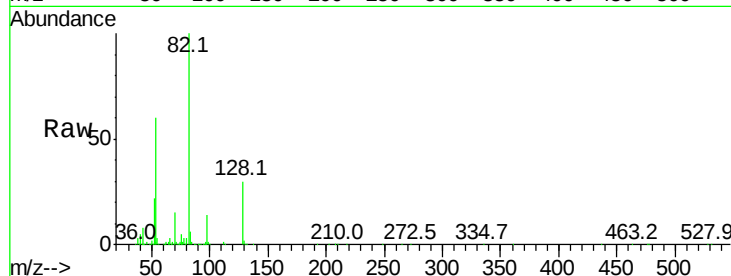




#23
Nitrobenzene-d5
Concen: 83.03 ng
RT: 9.36 min Scan# 1110
Delta R.T. -0.02 min
Lab File: BG025534.D
Acq: 20 Jan 2017 11:59

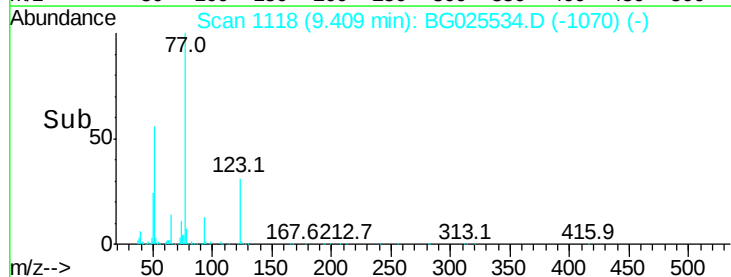
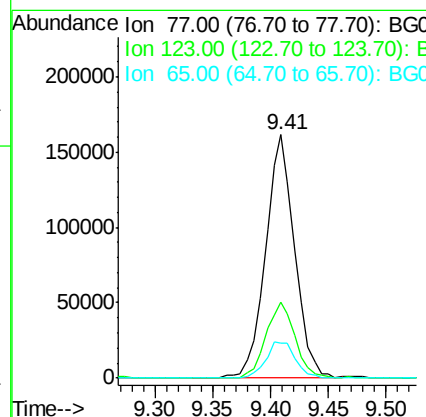
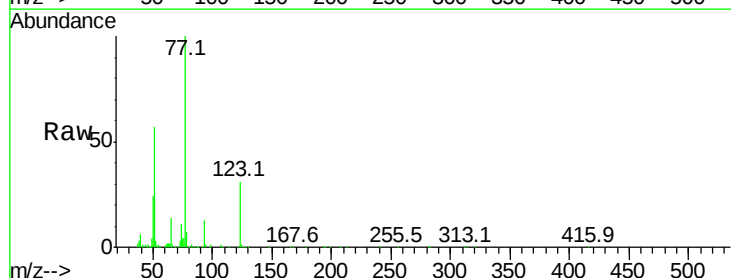
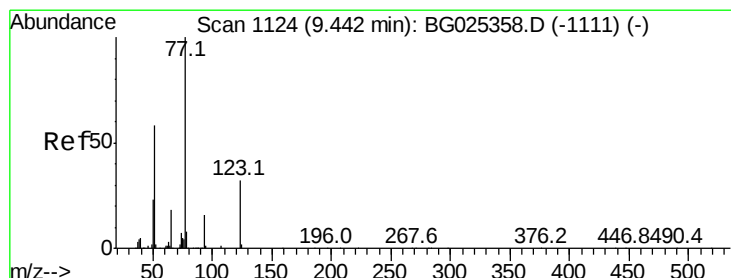
Instrument :
BNA_G
ClientSampleId :

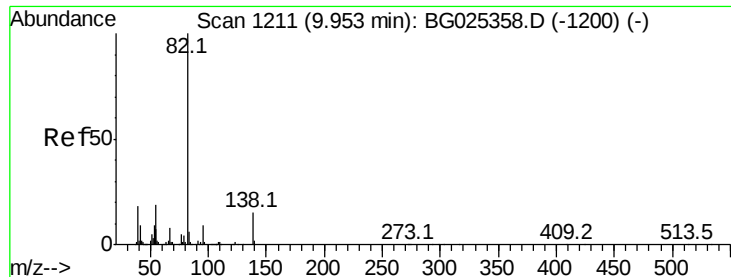
Tot Ion	82	Resp	513597
Ion Ratio	100	Lower	Upper
128	29.7	26.4	39.6
54	60.1	49.4	74.2



#24
Nitrobenzene
Concen: 41.80 ng
RT: 9.41 min Scan# 1118
Delta R.T. -0.02 min
Lab File: BG025534.D
Acq: 20 Jan 2017 11:59

Tgt Ion	77	Resp	283581
Ion Ratio	100	Lower	Upper
123	31.4	26.1	39.1
65	14.2	12.4	18.6





#25

Isophorone

Concen: 44.54 ng

RT: 9.92 min Scan# 1205

Delta R.T. -0.02 min

Lab File: BG025534.D

Acq: 20 Jan 2017 11:59

Instrument :

BNA_G

ClientSampleId :

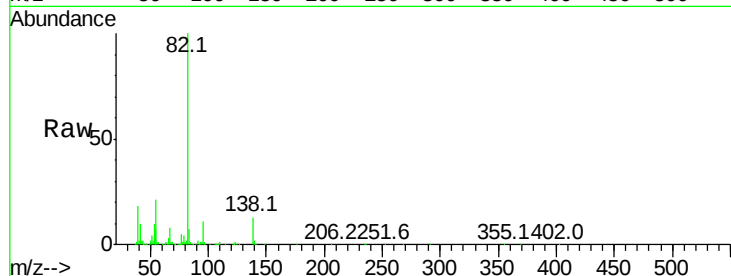
Tot Ion: 82 Resp: 498844

Ion Ratio Lower Upper

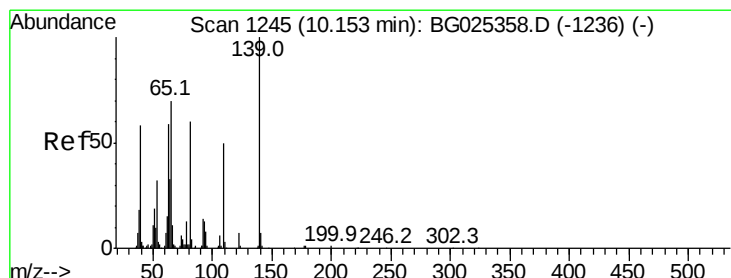
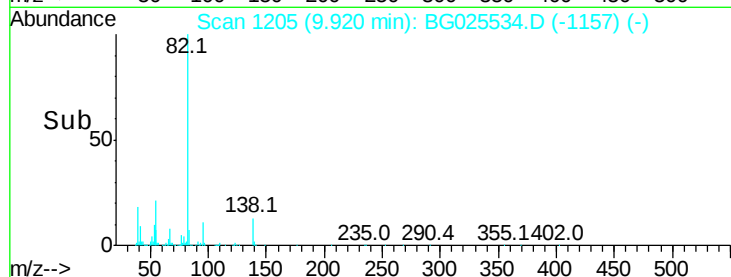
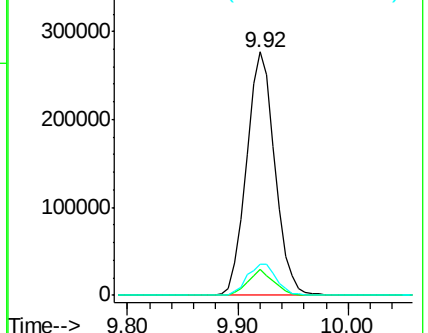
82 100

95 10.6 7.5 11.3

138 12.8 12.3 18.5



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 39.93 ng

RT: 10.12 min Scan# 1239

Delta R.T. -0.02 min

Lab File: BG025534.D

Acq: 20 Jan 2017 11:59

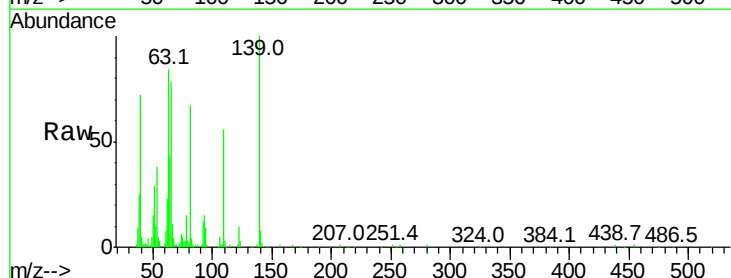
Tgt Ion: 139 Resp: 103612

Ion Ratio Lower Upper

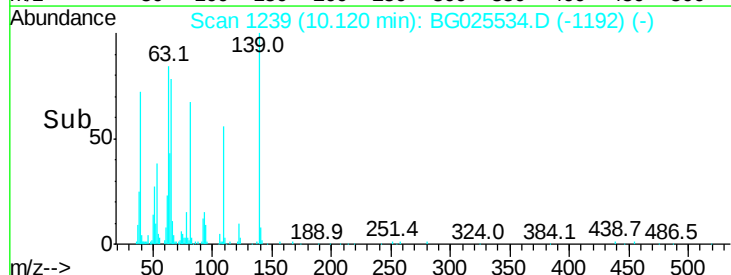
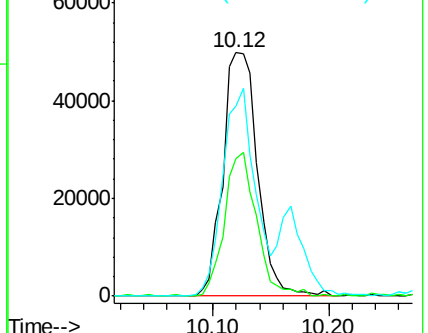
139 100

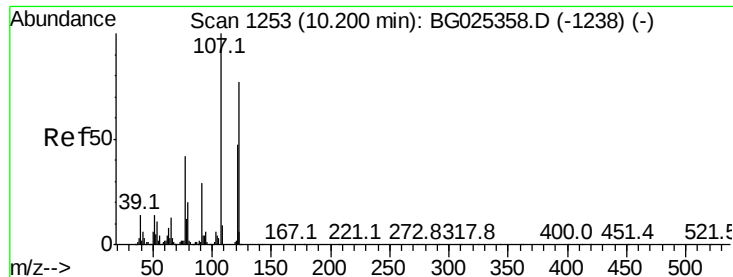
109 56.2 38.6 58.0

65 77.8 57.1 85.7



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

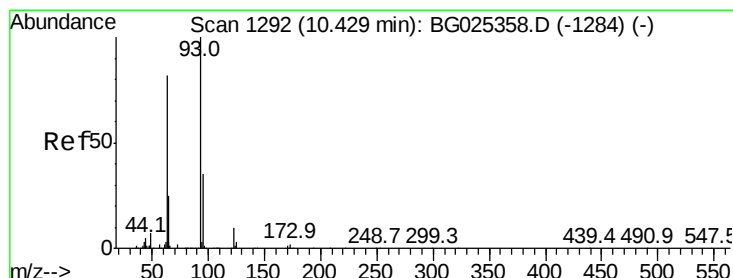
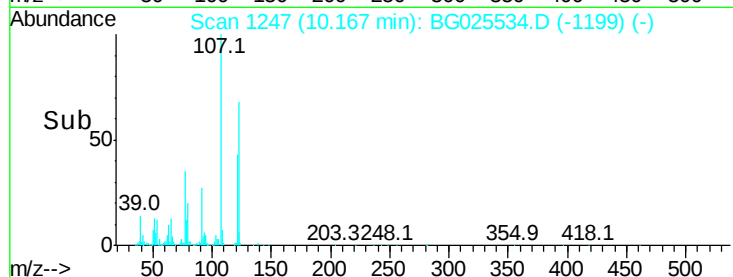
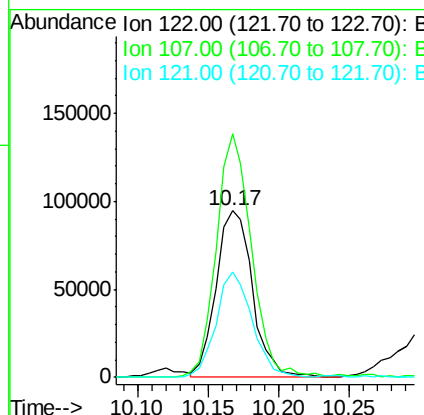
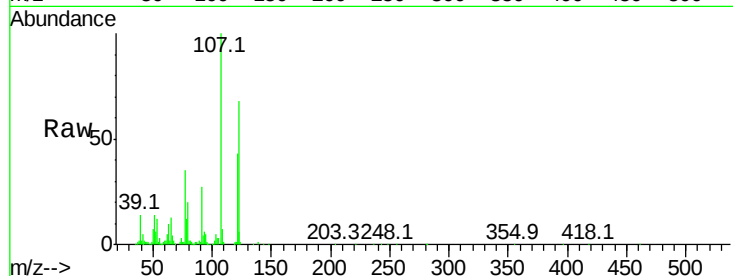




#27
2,4-Dimethylphenol
Concen: 39.31 ng
RT: 10.17 min Scan# 1247
Delta R.T. -0.02 min
Lab File: BG025534.D
Acq: 20 Jan 2017 11:59

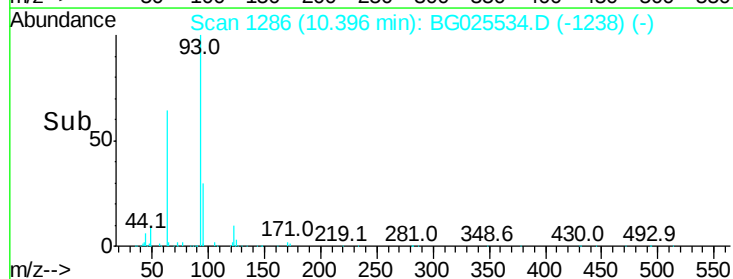
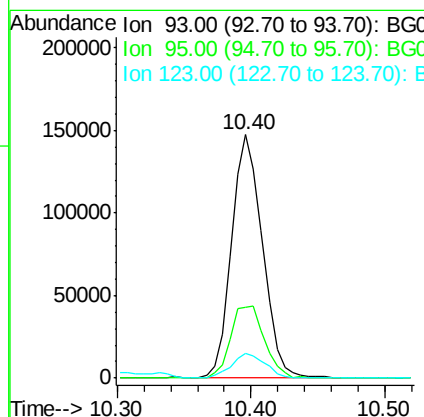
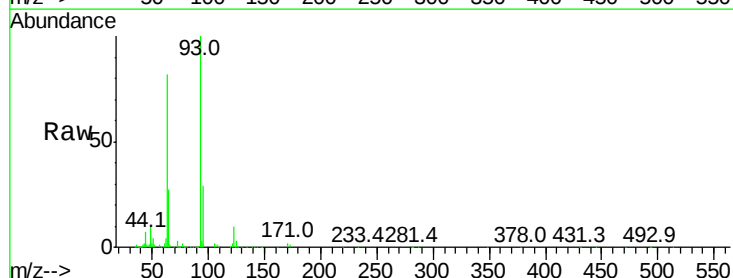
Instrument :
BNA_G
ClientSampleId :

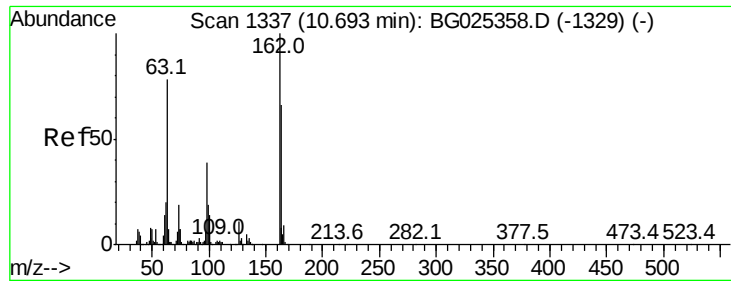
Tot Ion	Ratio	Lower	Upper
122	100		
107	146.4	104.2	156.4
121	63.6	46.0	69.0



#28
bis(2-Chloroethoxy)methane
Concen: 40.96 ng
RT: 10.40 min Scan# 1286
Delta R.T. -0.02 min
Lab File: BG025534.D
Acq: 20 Jan 2017 11:59

Tgt Ion	Ratio	Lower	Upper
93	100		
95	29.2	25.7	38.5
123	10.2	8.3	12.5

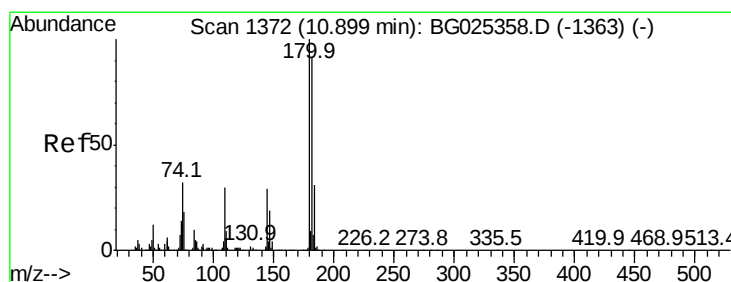
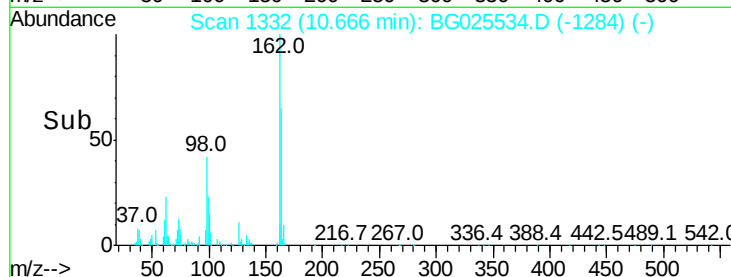
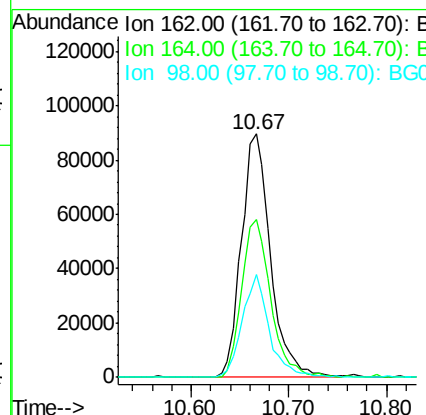
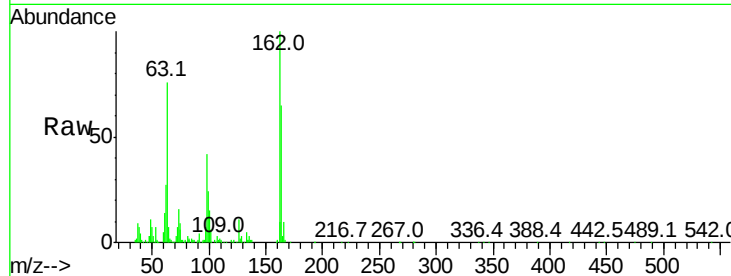




#29
2,4-Dichlorophenol
Concen: 40.99 ng
RT: 10.67 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BG025534.D
Acq: 20 Jan 2017 11:59

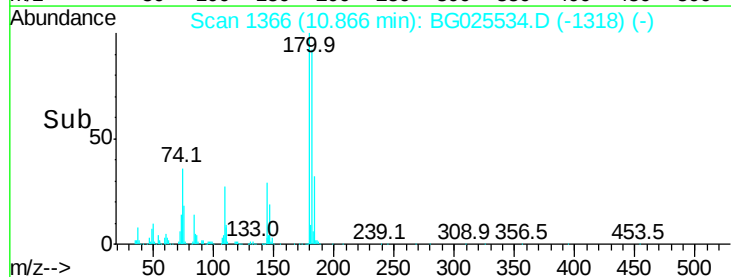
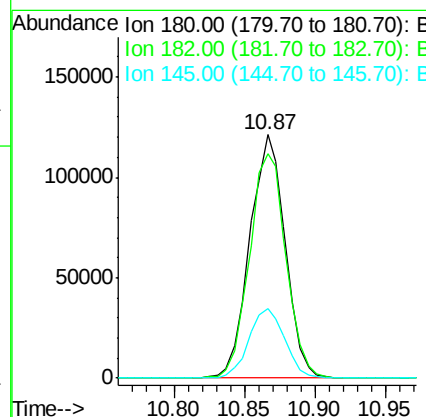
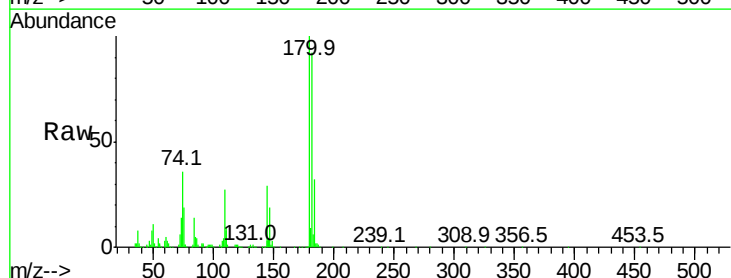
Instrument :
BNA_G
ClientSampled :

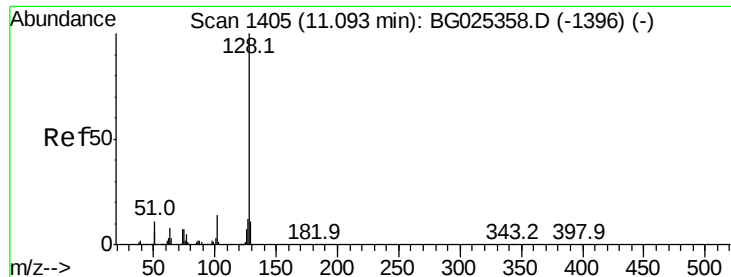
Tot Ion:162 Resp: 187117
Ion Ratio Lower Upper
162 100
164 64.9 42.4 82.4
98 42.0 20.3 60.3



#30
1,2,4-Trichlorobenzene
Concen: 38.57 ng
RT: 10.87 min Scan# 1366
Delta R.T. -0.02 min
Lab File: BG025534.D
Acq: 20 Jan 2017 11:59

Tgt Ion:180 Resp: 212702
Ion Ratio Lower Upper
180 100
182 92.1 77.0 115.4
145 28.8 23.4 35.0





#31

Naphthalene

Concen: 40.93 ng

RT: 11.05 min Scan# 1398

Delta R.T. -0.03 min

Lab File: BG025534.D

Acq: 20 Jan 2017 11:59

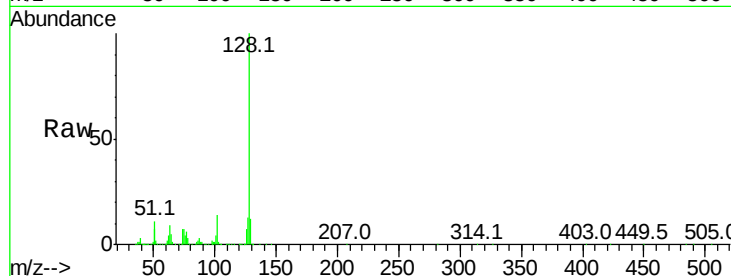
Instrument :

BNA_G

ClientSampleId :

Tot Ion:128 Resp: 558565

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.3	13.9
127	13.5	11.4	17.0

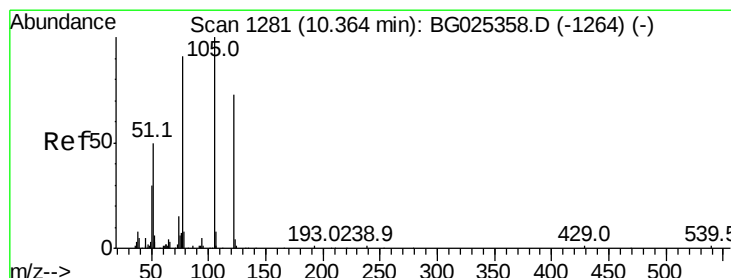
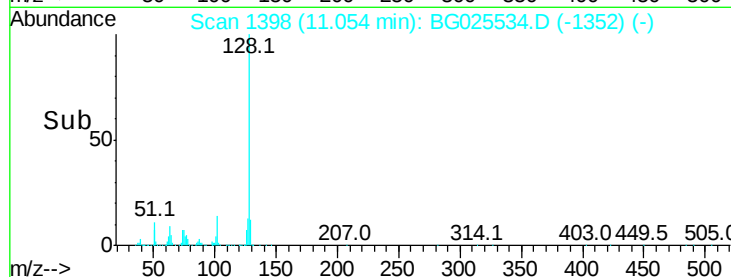
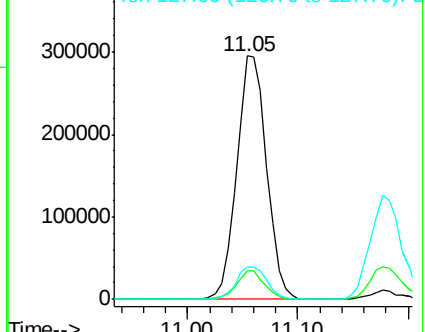


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 37.84 ng

RT: 10.33 min Scan# 1274

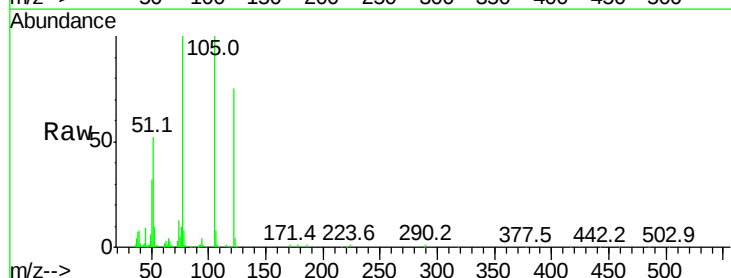
Delta R.T. -0.02 min

Lab File: BG025534.D

Acq: 20 Jan 2017 11:59

Tgt Ion:122 Resp: 129803

Ion	Ratio	Lower	Upper
122	100		
105	132.9	120.1	160.1
77	132.5	104.6	144.6

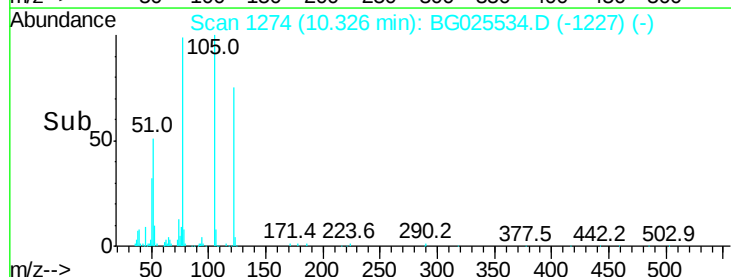
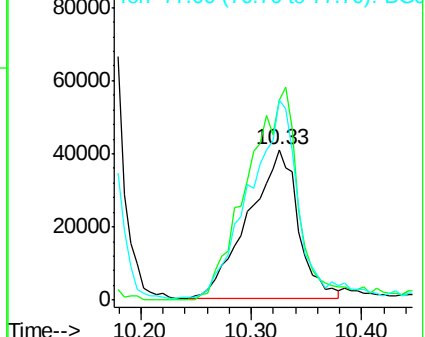


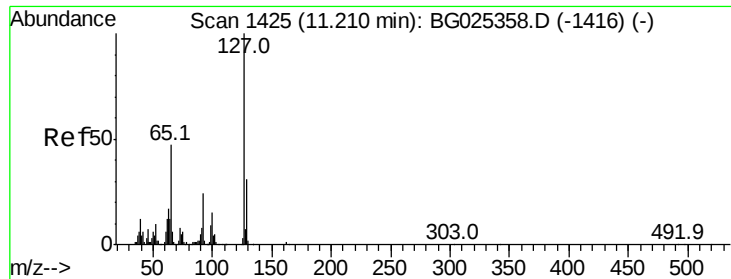
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

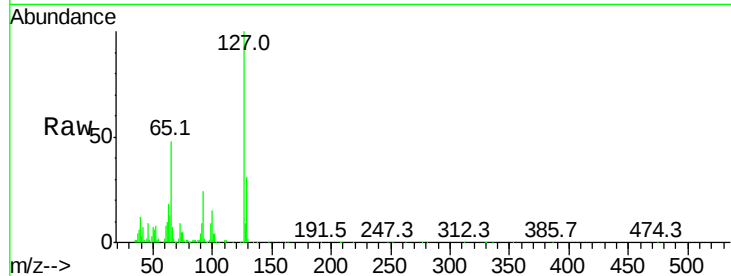




#33
4-Chloroaniline
Concen: 44.31 ng
RT: 11.18 min Scan# 1419
Delta R.T. -0.02 min
Lab File: BG025534.D
Acq: 20 Jan 2017 11:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	254295
Ion	Ratio	Lower	Upper
127	100		
129	30.9	23.6	35.4
65	48.0	37.7	56.5
92	24.3	17.6	26.4



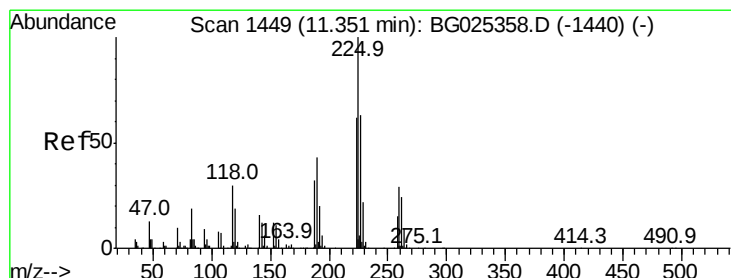
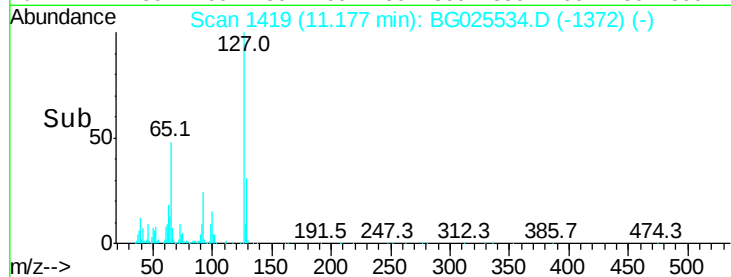
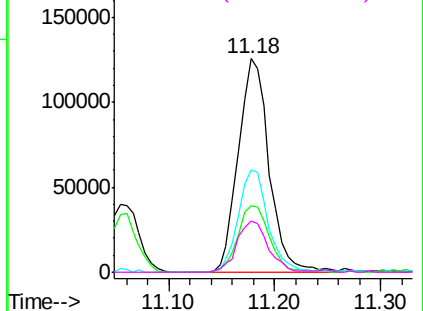
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

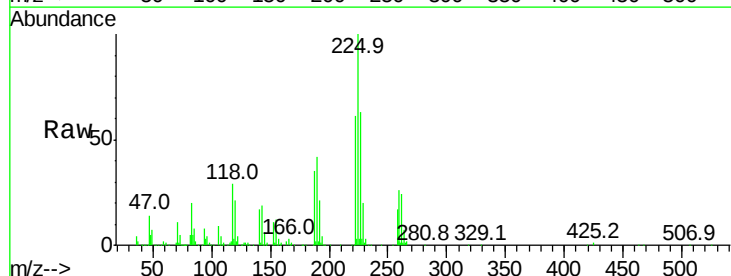
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 37.71 ng
RT: 11.31 min Scan# 1442
Delta R.T. -0.02 min
Lab File: BG025534.D
Acq: 20 Jan 2017 11:59

Tgt Ion:	225	Resp:	169764
Ion	Ratio	Lower	Upper
225	100		
223	60.6	50.7	76.1
227	63.0	49.0	73.6

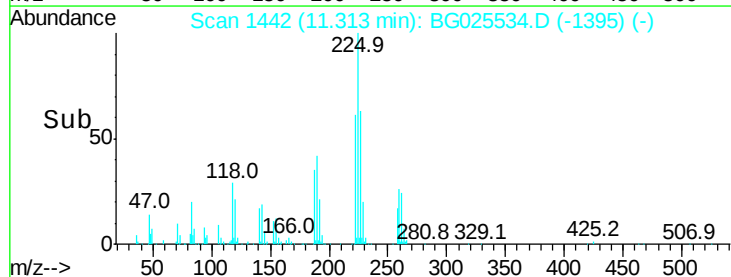
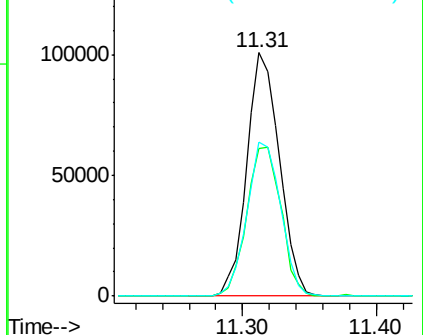


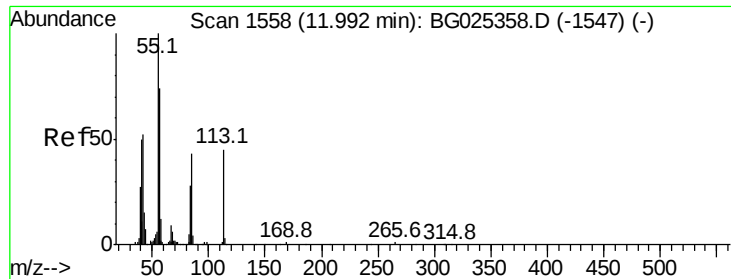
Abundance

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: 41.01 ng

RT: 11.96 min Scan# 1552

Delta R.T. -0.02 min

Lab File: BG025534.D

Acq: 20 Jan 2017 11:59

Instrument :

BNA_G

ClientSampleId :

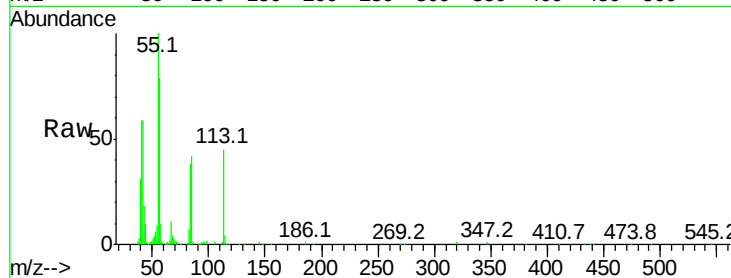
Tot Ion:113 Resp: 70342

Ion Ratio Lower Upper

113 100

55 223.0 198.6 238.6

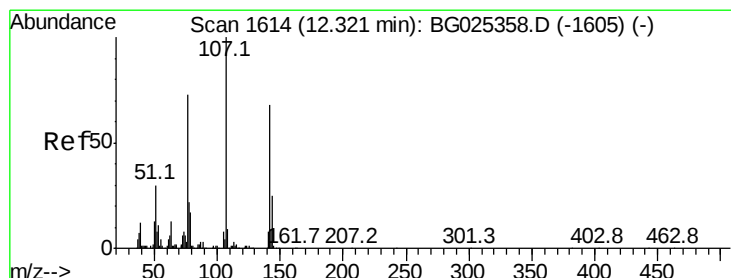
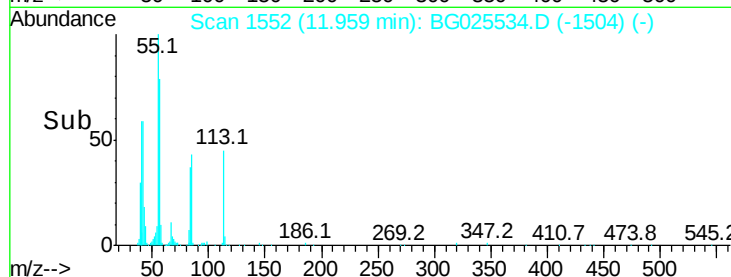
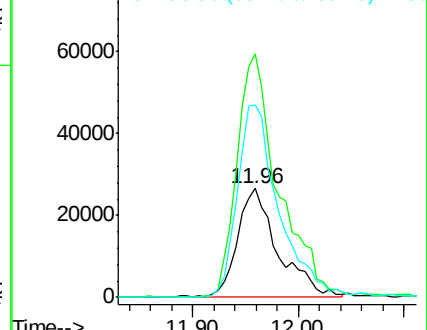
56 176.3 140.4 180.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 42.59 ng

RT: 12.29 min Scan# 1608

Delta R.T. -0.02 min

Lab File: BG025534.D

Acq: 20 Jan 2017 11:59

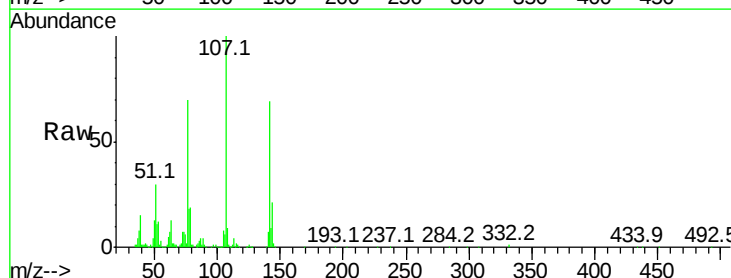
Tgt Ion:107 Resp: 239963

Ion Ratio Lower Upper

107 100

144 21.4 17.4 26.0

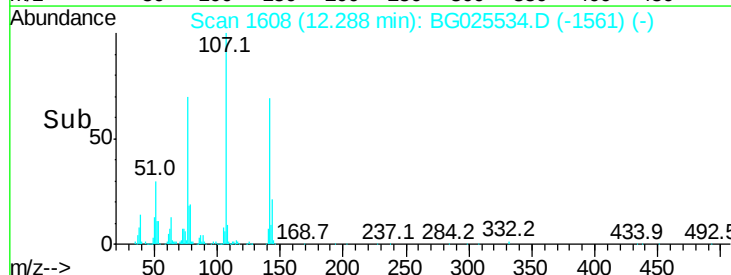
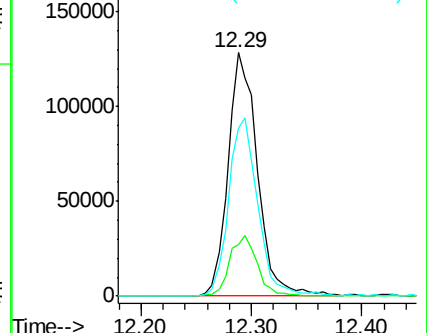
142 69.1 54.1 81.1

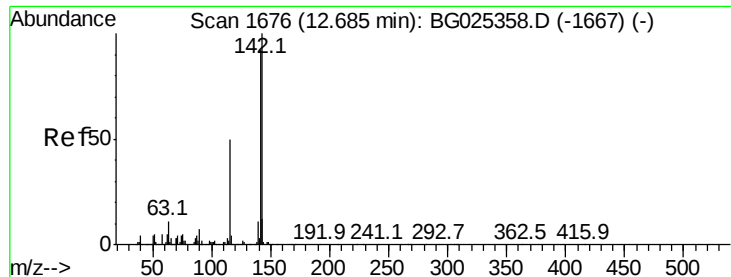


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

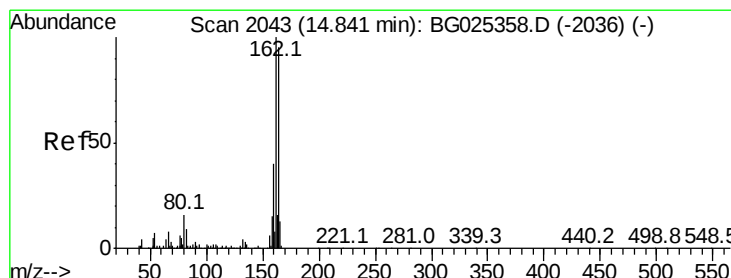
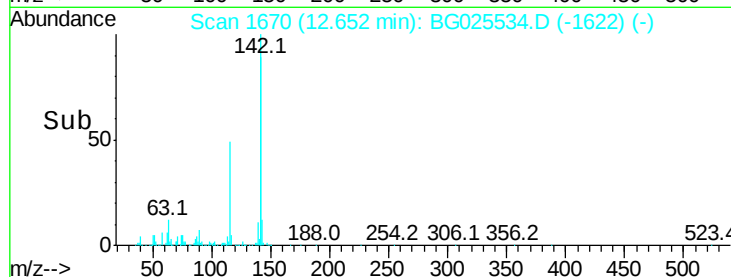
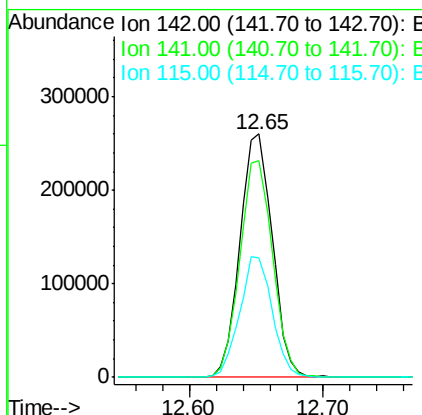
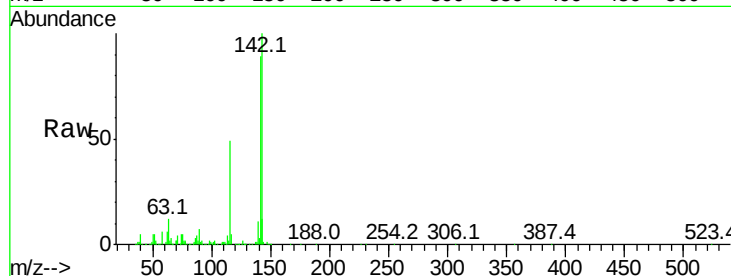




#37
2-Methylnaphthalene
Concen: 43.10 ng
RT: 12.65 min Scan# 1670
Delta R.T. -0.02 min
Lab File: BG025534.D
Acq: 20 Jan 2017 11:59

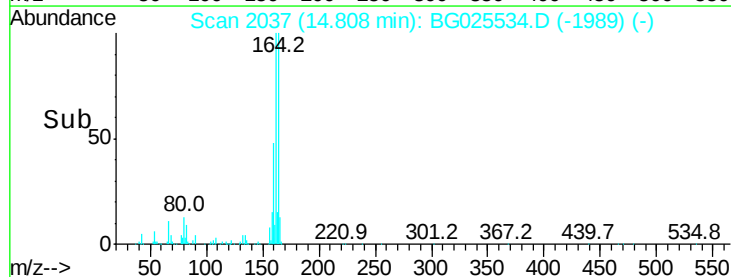
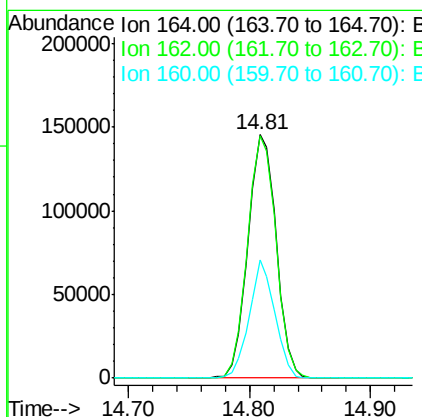
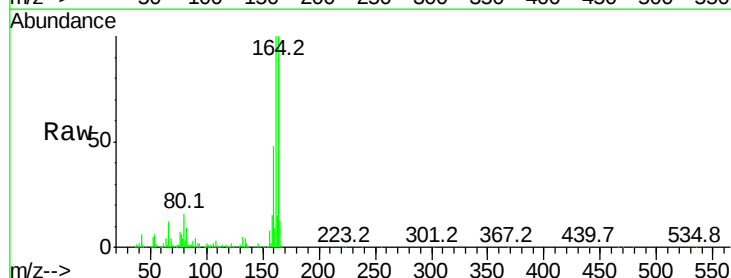
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.4	105.6
115	48.9	35.5	53.3



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.81 min Scan# 2037
Delta R.T. -0.02 min
Lab File: BG025534.D
Acq: 20 Jan 2017 11:59

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.6	85.1	127.7
160	48.4	34.7	52.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.44 ng

RT: 13.01 min Scan# 1731

Delta R.T. -0.02 min

Lab File: BG025534.D

Acq: 20 Jan 2017 11:59

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 301816

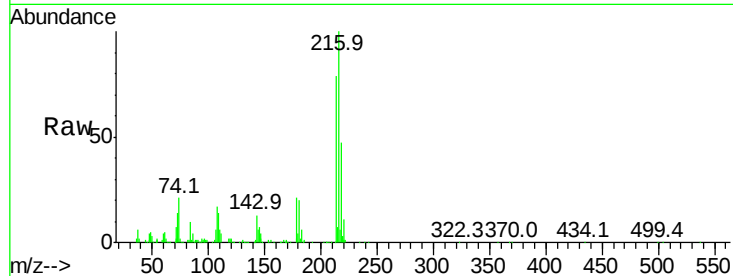
Ion	Ratio	Lower	Upper
216	100		
214	79.1	64.4	96.6
179	19.7	17.4	26.0
108	18.1	15.6	23.4

216 100

214 79.1 64.4 96.6

179 19.7 17.4 26.0

108 18.1 15.6 23.4

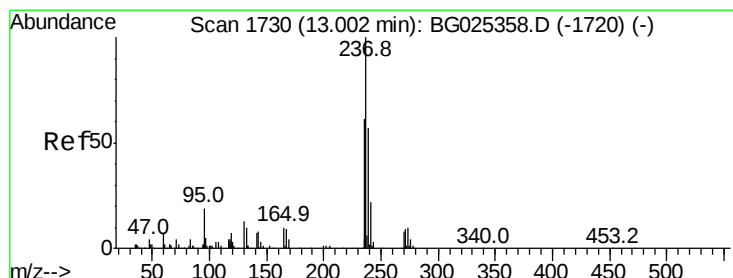
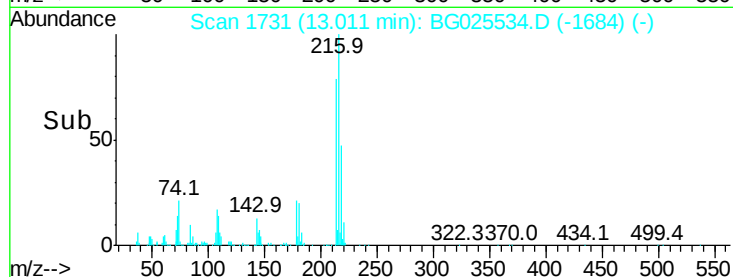
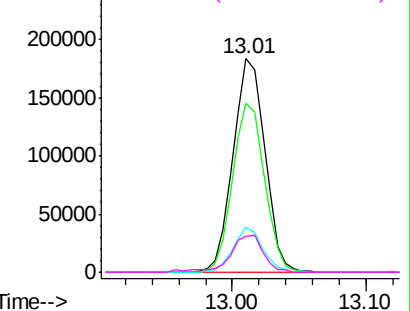


Abundance Ion 216.00 (215.70 to 216.70): E

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: 40.56 ng

RT: 12.98 min Scan# 1725

Delta R.T. -0.02 min

Lab File: BG025534.D

Acq: 20 Jan 2017 11:59

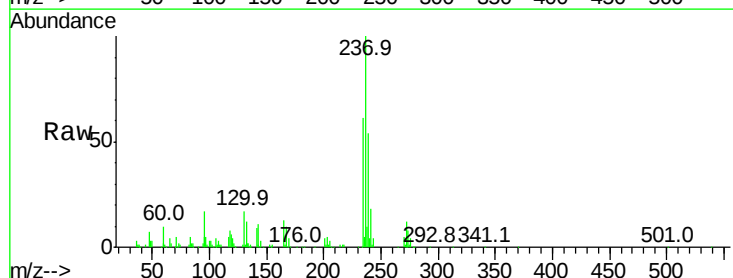
Tgt Ion:237 Resp: 102859

Ion	Ratio	Lower	Upper
237	100		
235	61.2	39.4	79.4
272	11.7	0.0	32.0

237 100

235 61.2 39.4 79.4

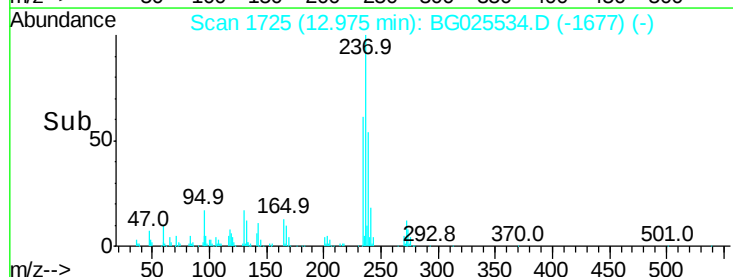
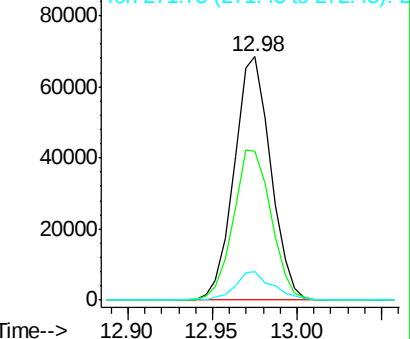
272 11.7 0.0 32.0

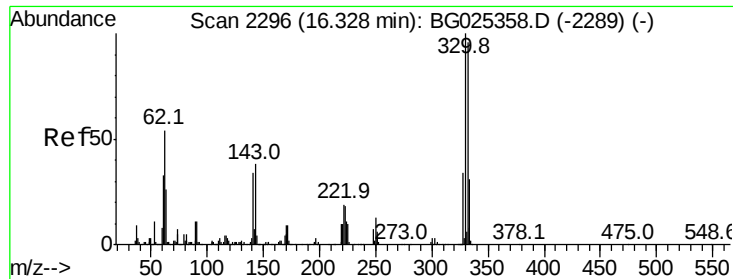


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

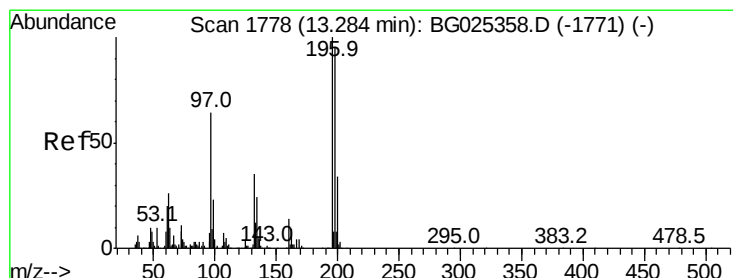
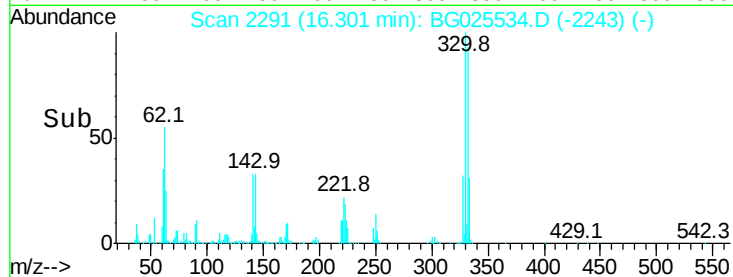
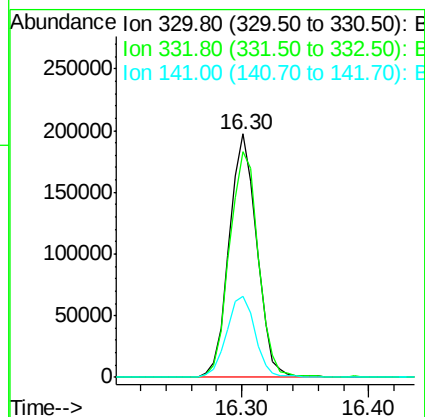
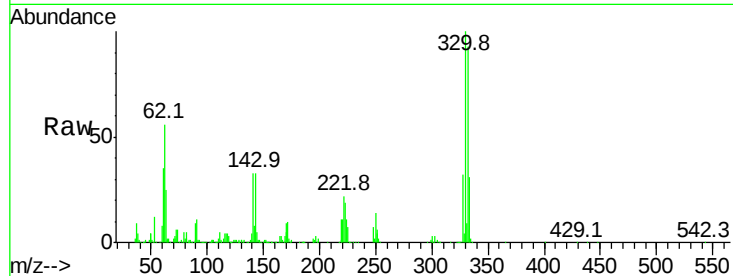




#41
 2,4,6-Tribromophenol
 Concen: 77.55 ng
 RT: 16.30 min Scan# 2291
 Delta R.T. -0.02 min
 Lab File: BG025534.D
 Acq: 20 Jan 2017 11:59

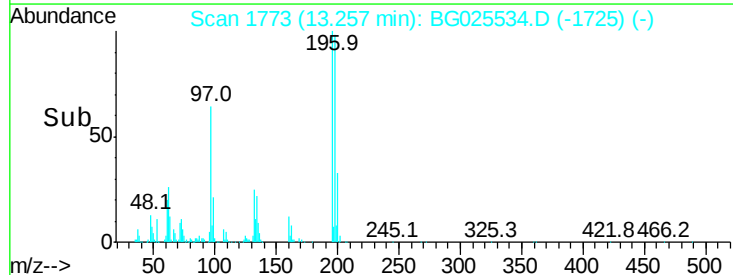
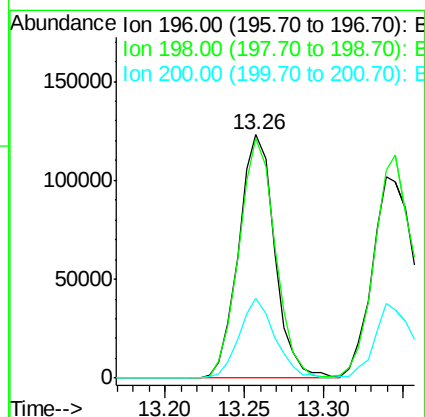
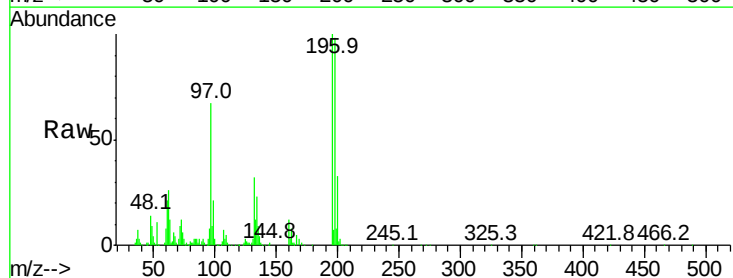
Instrument :
 BNA_G
 ClientSampleId :

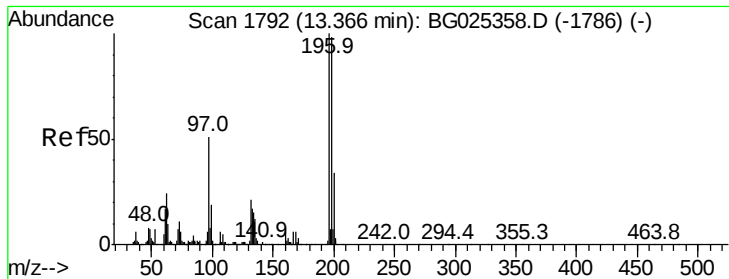
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.3	115.9
141	34.6	32.1	48.1



#42
 2,4,6-Trichlorophenol
 Concen: 39.35 ng
 RT: 13.26 min Scan# 1773
 Delta R.T. -0.02 min
 Lab File: BG025534.D
 Acq: 20 Jan 2017 11:59

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.4	81.4	122.2
200	32.9	27.0	40.6

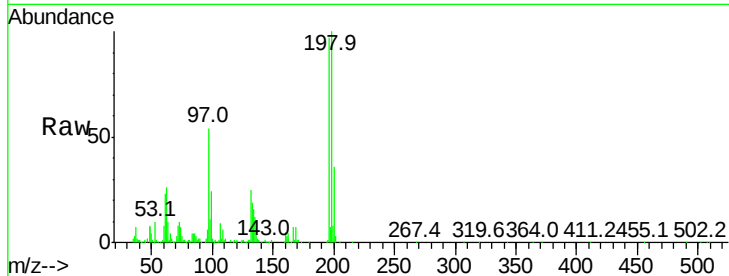




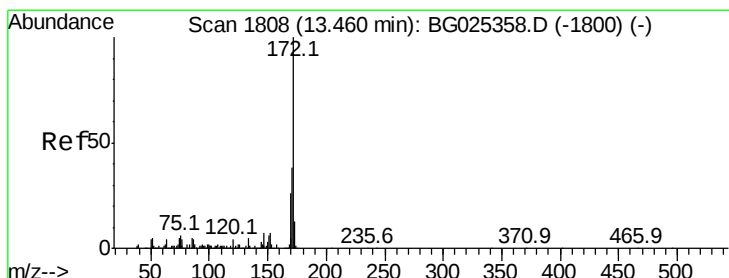
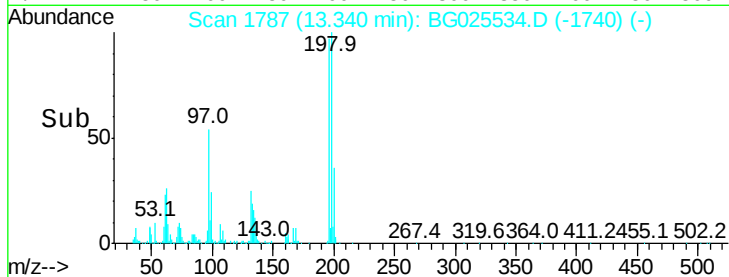
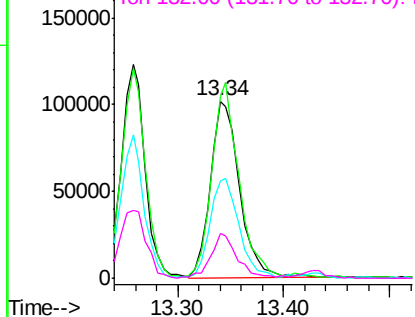
#43
 2,4,5-Trichlorophenol
 Concen: 38.03 ng
 RT: 13.34 min Scan# 1787
 Delta R.T. -0.02 min
 Lab File: BG025534.D
 Acq: 20 Jan 2017 11:59

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 196822
 Ion Ratio Lower Upper
 196 100
 198 102.8 79.9 119.9
 97 55.2 45.4 68.0
 132 25.7 20.7 31.1

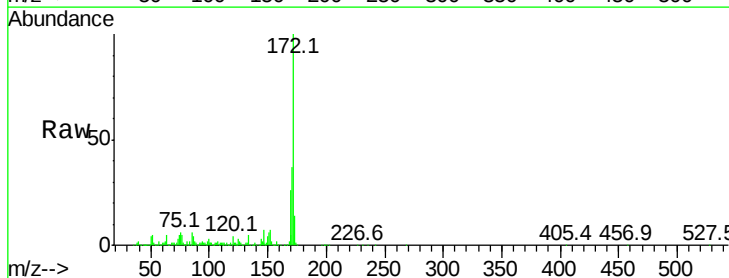


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

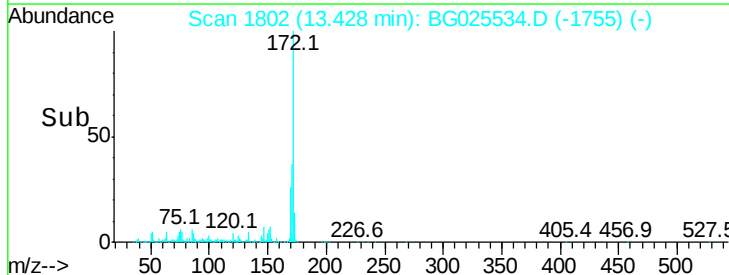
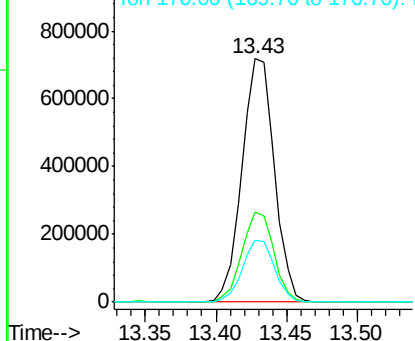


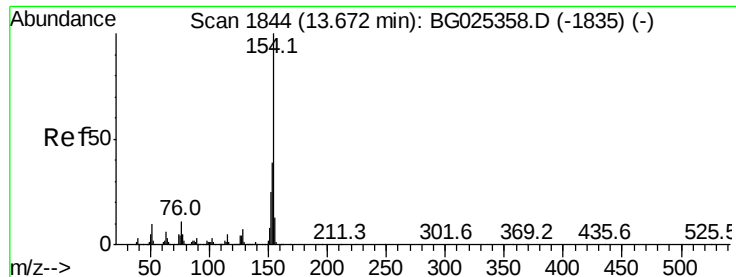
#44
 2-Fluorobiphenyl
 Concen: 78.69 ng
 RT: 13.43 min Scan# 1802
 Delta R.T. -0.02 min
 Lab File: BG025534.D
 Acq: 20 Jan 2017 11:59

Tgt Ion:172 Resp: 1155866
 Ion Ratio Lower Upper
 172 100
 171 36.8 32.2 48.2
 170 25.6 21.8 32.6



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





#45

1,1'-Biphenyl

Concen: 40.08 ng

RT: 13.65 min Scan# 1839

Delta R.T. -0.02 min

Lab File: BG025534.D

Acq: 20 Jan 2017 11:59

Instrument :

BNA_G

ClientSampleId :

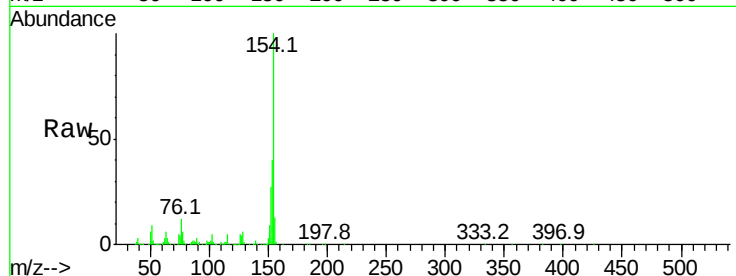
Tot Ion:154 Resp: 641157

Ion Ratio Lower Upper

154 100

153 39.9 23.0 63.0

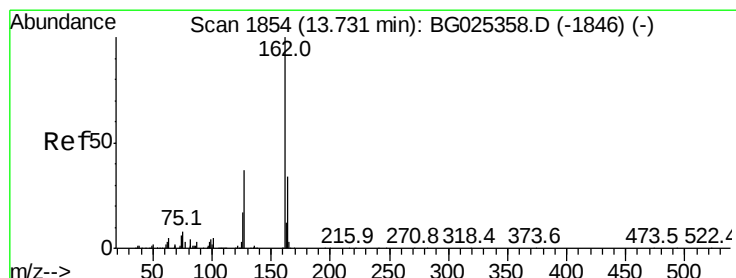
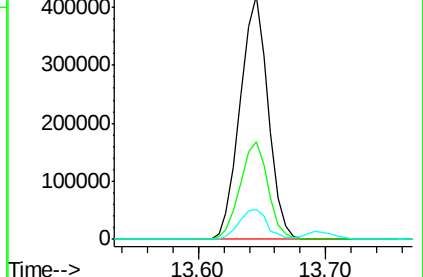
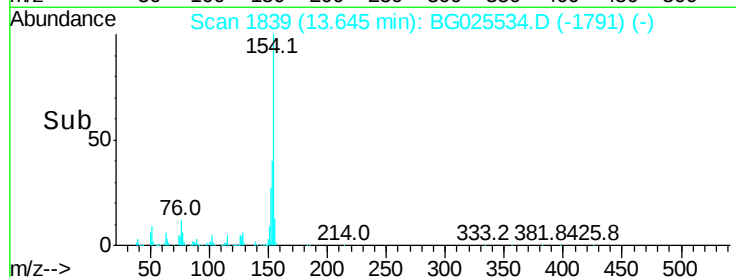
76 12.4 0.0 33.5



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: 40.28 ng

RT: 13.70 min Scan# 1848

Delta R.T. -0.02 min

Lab File: BG025534.D

Acq: 20 Jan 2017 11:59

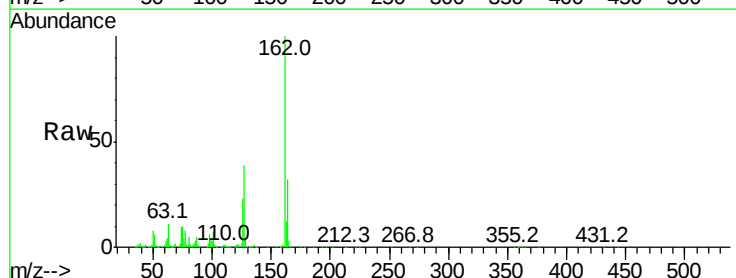
Tgt Ion:162 Resp: 503415

Ion Ratio Lower Upper

162 100

127 39.5 32.2 48.4

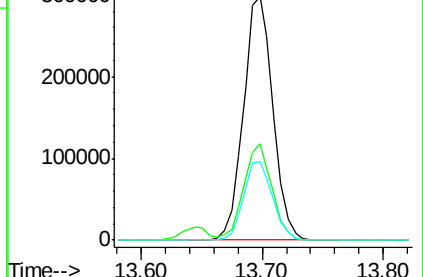
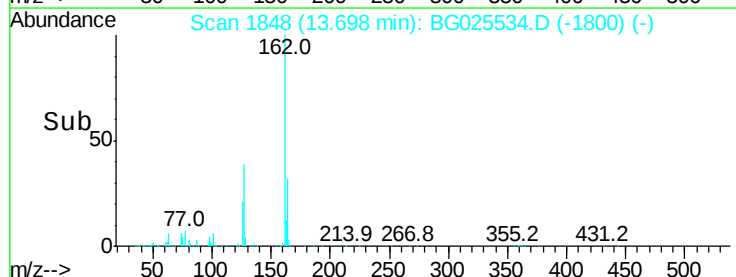
164 32.2 27.3 40.9

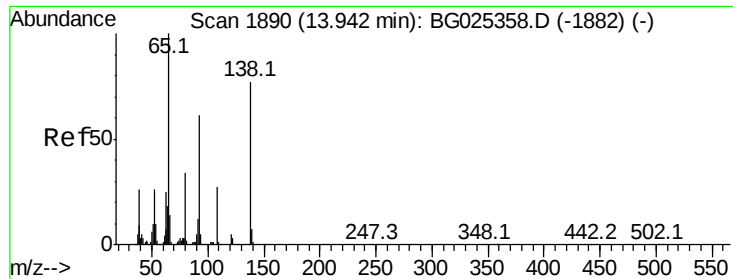


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 44.91 ng

RT: 13.92 min Scan# 1885

Delta R.T. -0.02 min

Lab File: BG025534.D

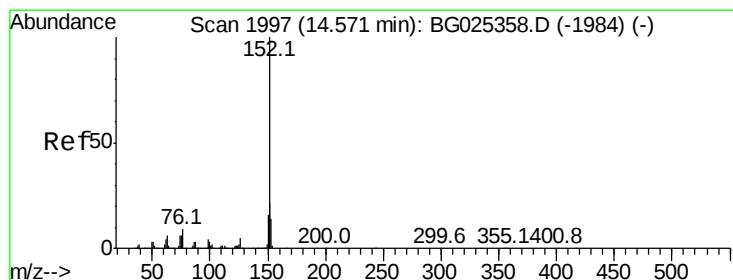
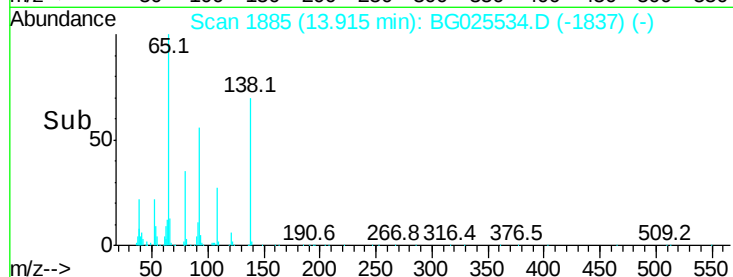
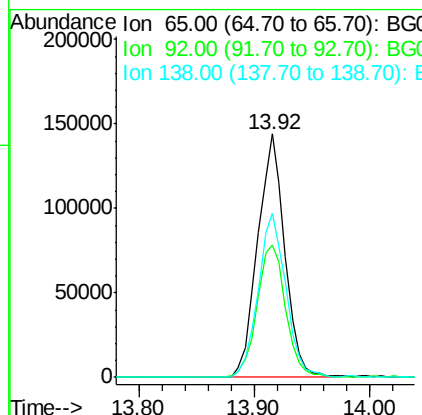
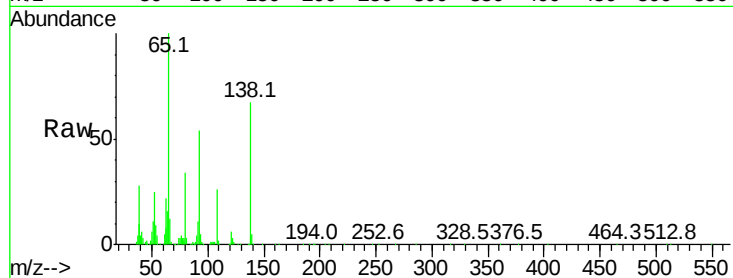
Acq: 20 Jan 2017 11:59

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	65	Resp:	236914
Ion	Ratio	Lower	Upper
65	100		
92	54.2	49.0	73.4
138	67.4	58.6	87.8



#48

Acenaphthylene

Concen: 40.38 ng

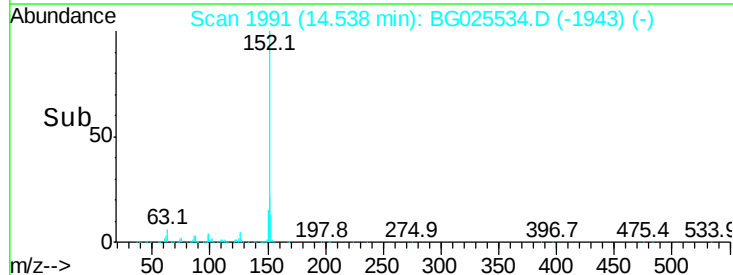
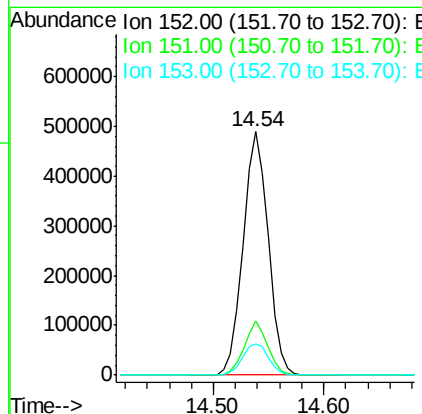
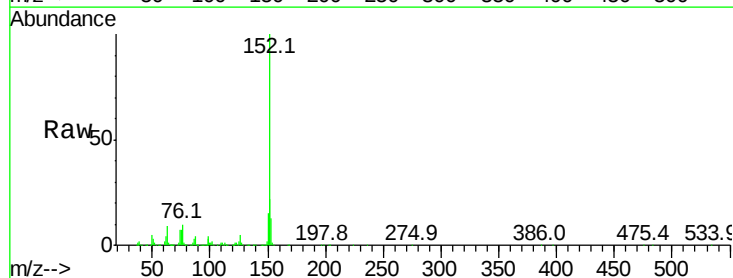
RT: 14.54 min Scan# 1991

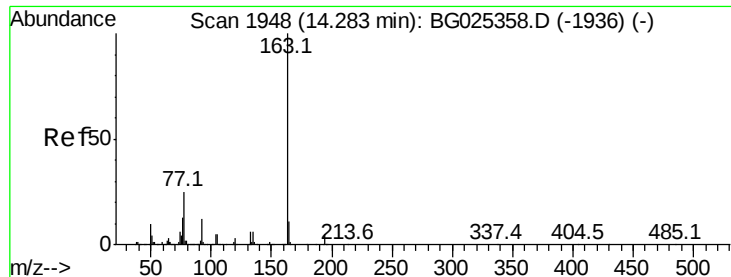
Delta R.T. -0.02 min

Lab File: BG025534.D

Acq: 20 Jan 2017 11:59

Tgt Ion:	152	Resp:	782148
Ion	Ratio	Lower	Upper
152	100		
151	22.3	18.2	27.2
153	12.9	11.3	16.9





#49

Dimethylphthalate

Concen: 41.17 ng

RT: 14.26 min Scan# 1943

Delta R.T. -0.02 min

Lab File: BG025534.D

Acq: 20 Jan 2017 11:59

Instrument :

BNA_G

ClientSampleId :

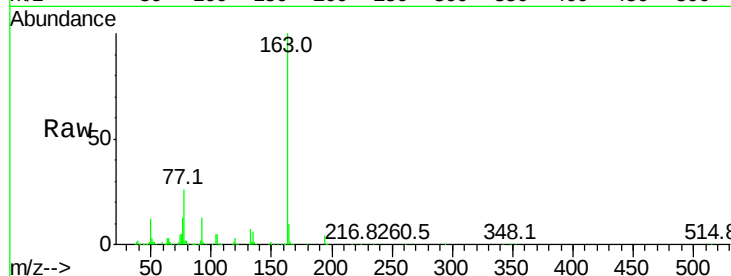
Tot Ion:163 Resp: 713726

Ion Ratio Lower Upper

163 100

194 4.0 3.8 5.6

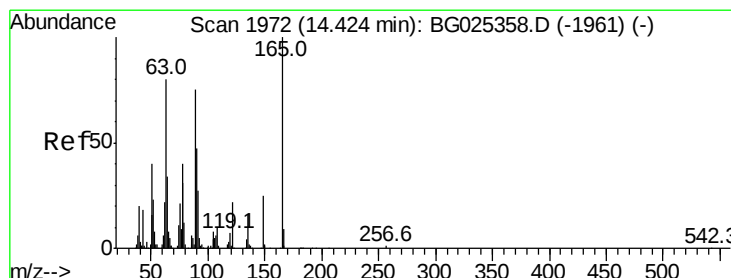
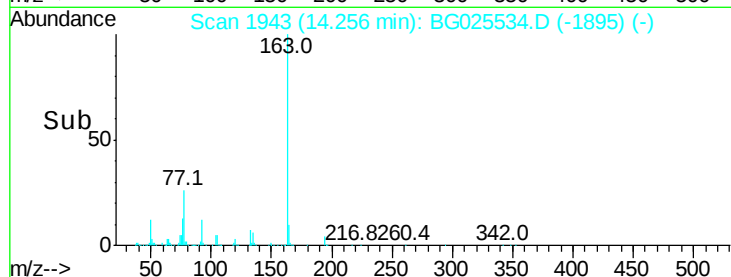
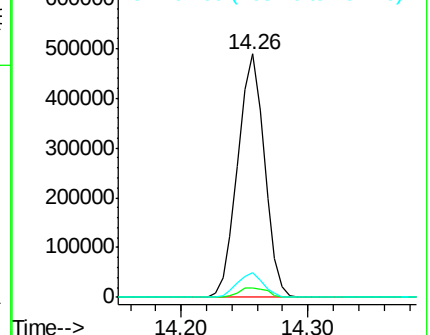
164 10.3 9.3 13.9



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 41.49 ng

RT: 14.40 min Scan# 1967

Delta R.T. -0.02 min

Lab File: BG025534.D

Acq: 20 Jan 2017 11:59

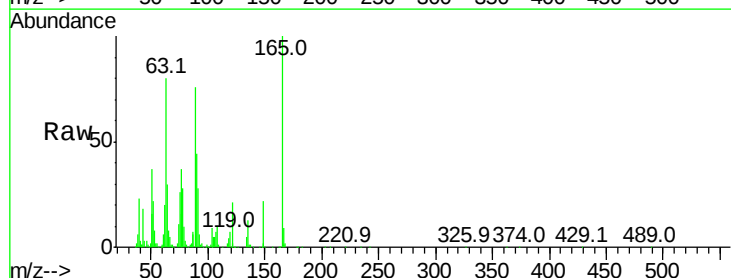
Tgt Ion:165 Resp: 157147

Ion Ratio Lower Upper

165 100

63 79.6 63.9 95.9

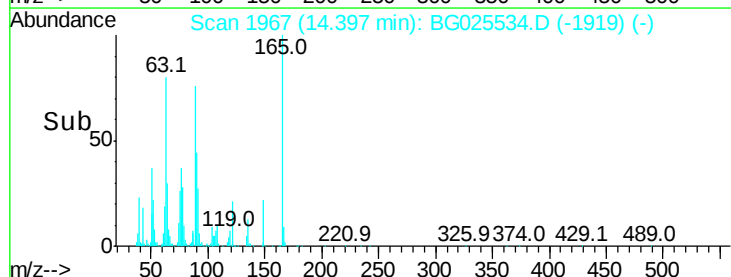
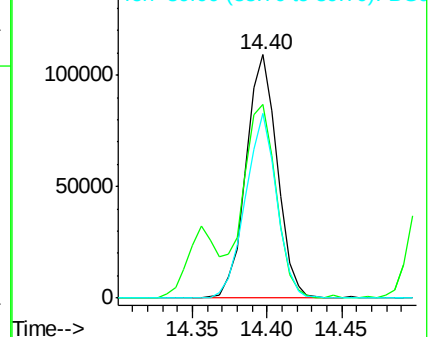
89 76.0 58.6 88.0

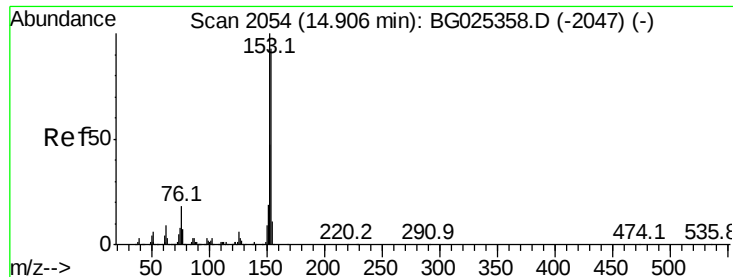


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 41.36 ng

RT: 14.87 min Scan# 2048

Delta R.T. -0.02 min

Lab File: BG025534.D

Acq: 20 Jan 2017 11:59

Instrument :

BNA_G

ClientSampleId :

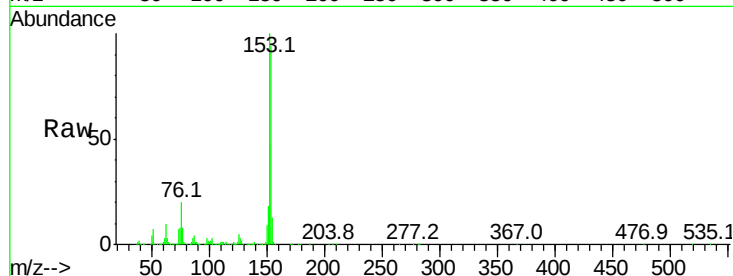
Tot Ion:154 Resp: 524013

Ion Ratio Lower Upper

154 100

153 106.3 87.8 131.6

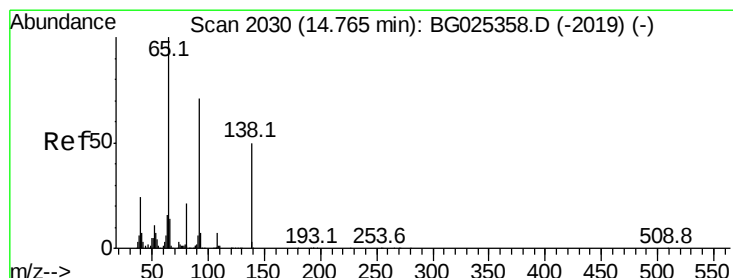
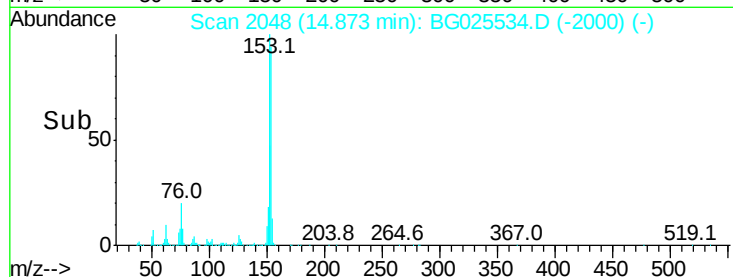
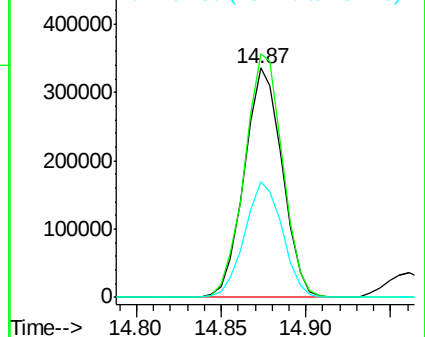
152 50.6 42.2 63.4



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: 42.77 ng

RT: 14.74 min Scan# 2025

Delta R.T. -0.02 min

Lab File: BG025534.D

Acq: 20 Jan 2017 11:59

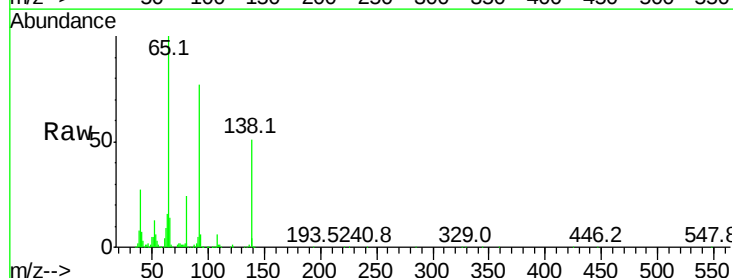
Tgt Ion:138 Resp: 155752

Ion Ratio Lower Upper

138 100

108 12.1 10.9 16.3

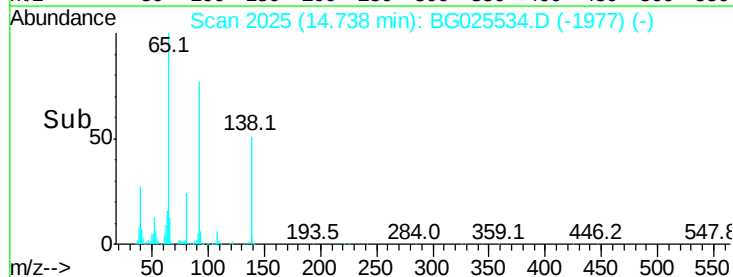
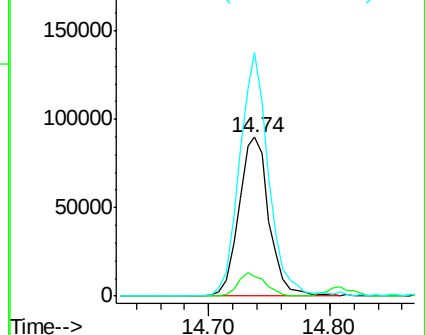
92 153.1 115.3 172.9

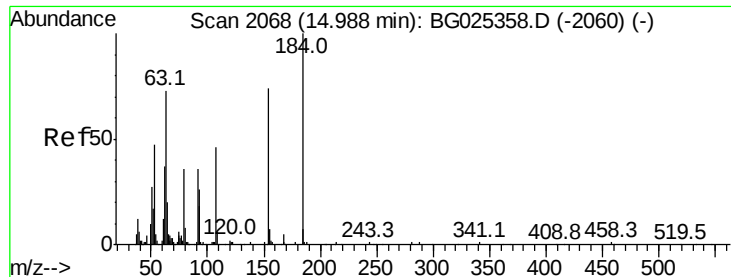


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

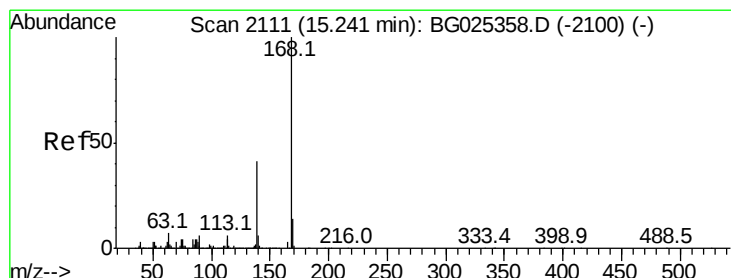
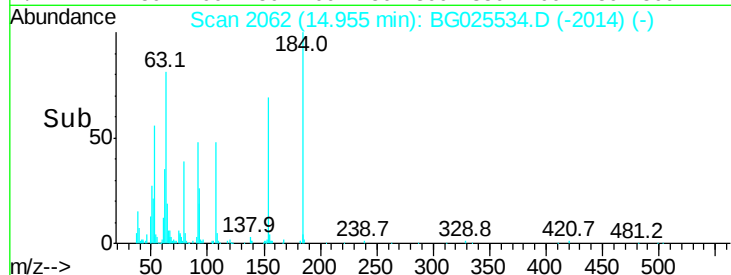
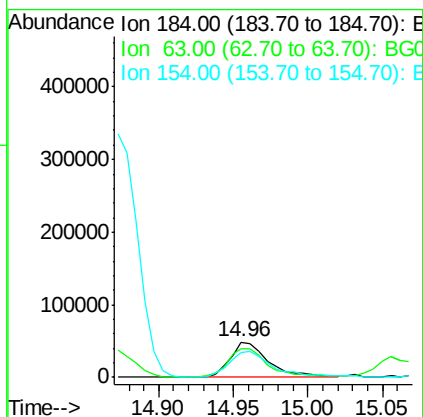
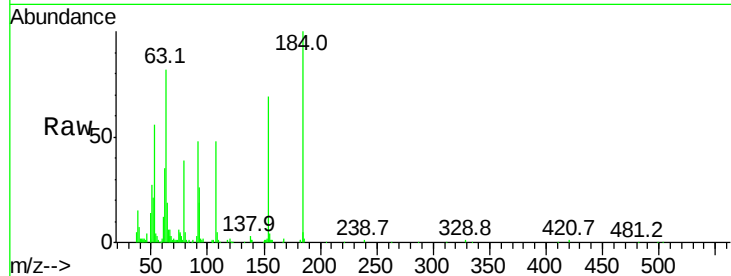




#53
2,4-Dinitrophenol
Concen: 38.31 ng
RT: 14.96 min Scan# 2062
Delta R.T. -0.02 min
Lab File: BG025534.D
Acq: 20 Jan 2017 11:59

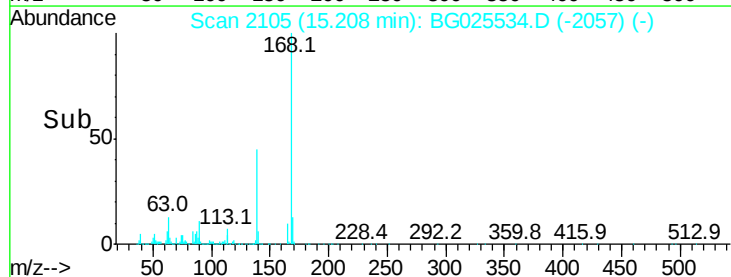
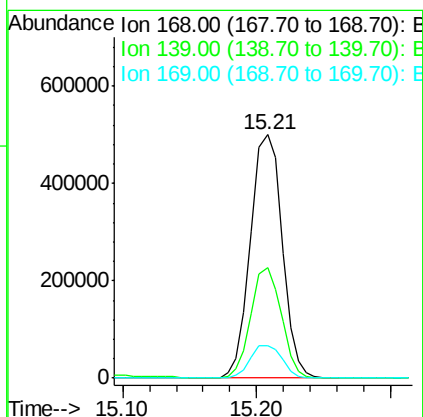
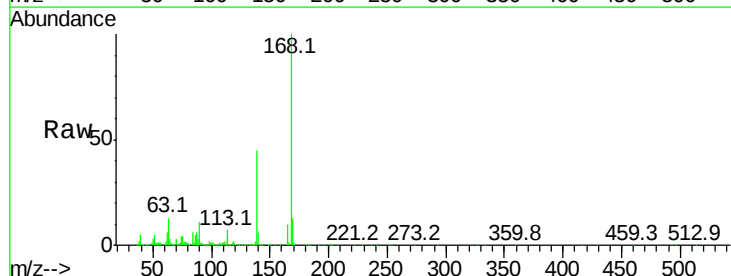
Instrument :
BNA_G
ClientSampleId :

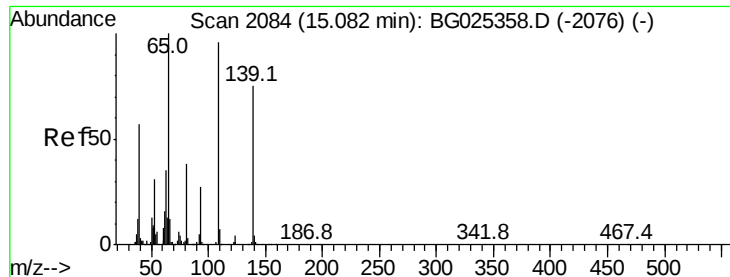
Tot Ion:184 Resp: 88130
Ion Ratio Lower Upper
184 100
63 81.6 52.7 79.1#
154 69.1 57.3 85.9



#54
Dibenzofuran
Concen: 40.93 ng
RT: 15.21 min Scan# 2105
Delta R.T. -0.02 min
Lab File: BG025534.D
Acq: 20 Jan 2017 11:59

Tgt Ion:168 Resp: 819795
Ion Ratio Lower Upper
168 100
139 45.3 35.3 52.9
169 13.2 11.5 17.3

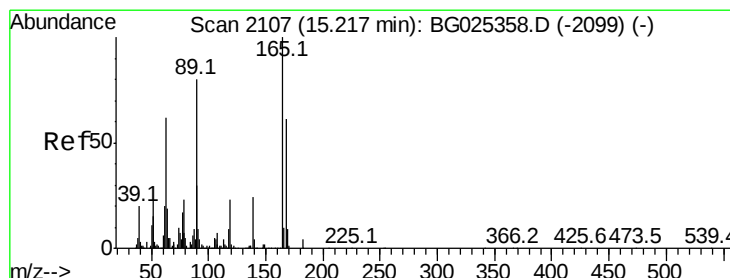
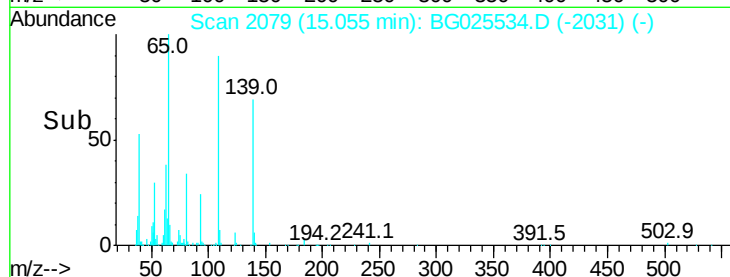
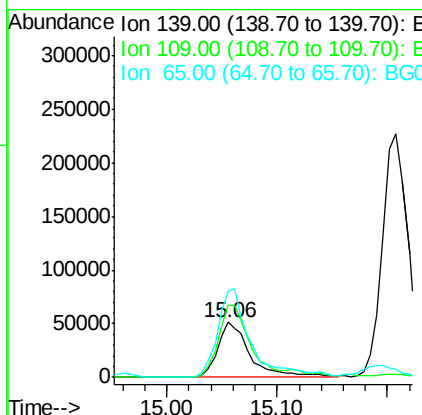
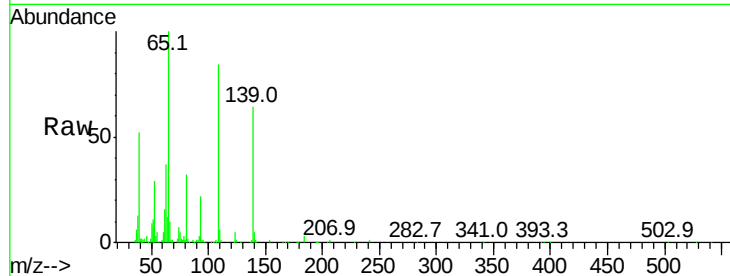




#55
4-Nitrophenol
Concen: 39.05 ng
RT: 15.06 min Scan# 2079
Delta R.T. -0.02 min
Lab File: BG025534.D
Acq: 20 Jan 2017 11:59

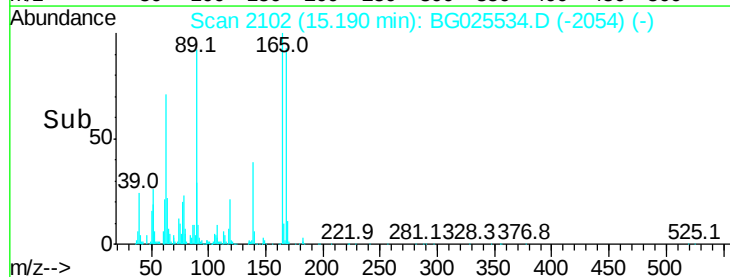
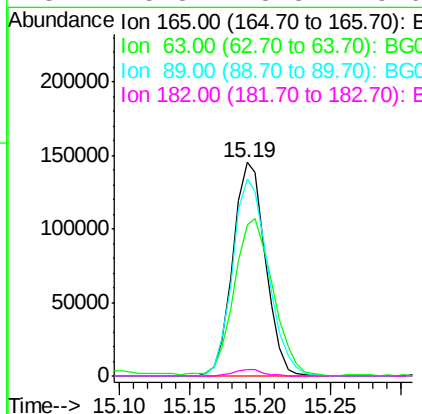
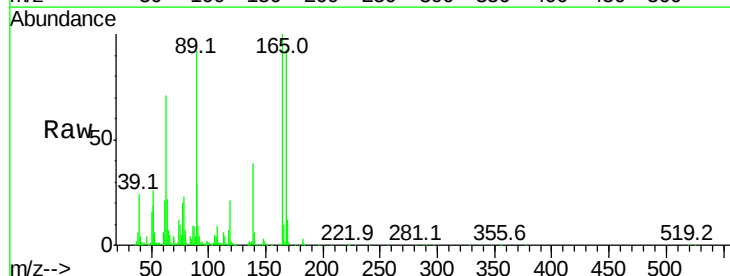
Instrument :
BNA_G
ClientSampleId :

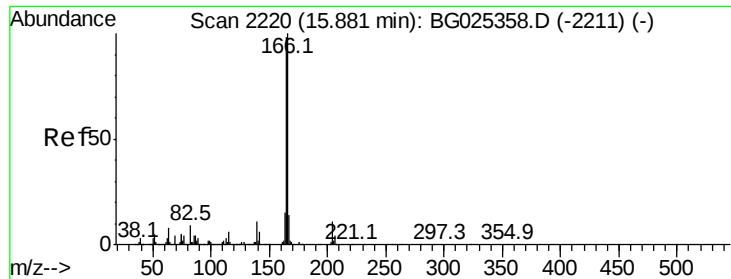
Tot Ion:139 Resp: 106203
Ion Ratio Lower Upper
139 100
109 130.4 101.2 141.2
65 155.4 135.3 175.3



#56
2,4-Dinitrotoluene
Concen: 42.37 ng
RT: 15.19 min Scan# 2102
Delta R.T. -0.02 min
Lab File: BG025534.D
Acq: 20 Jan 2017 11:59

Tgt Ion:165 Resp: 233668
Ion Ratio Lower Upper
165 100
63 70.7 44.0 66.0#
89 92.5 67.3 100.9
182 3.3 3.8 5.6#

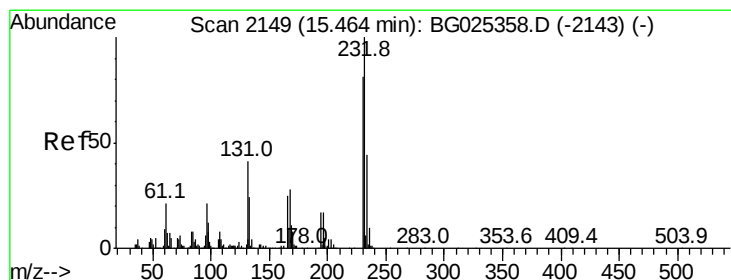
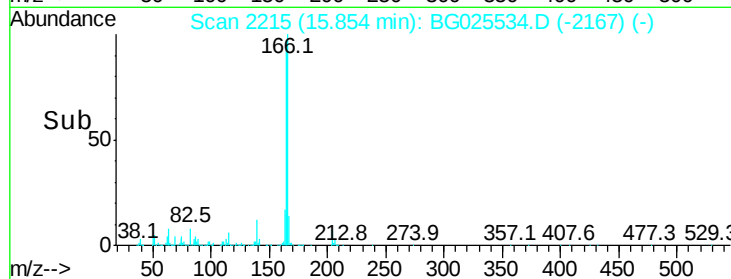
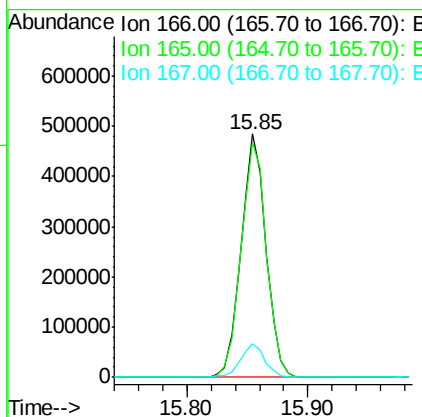
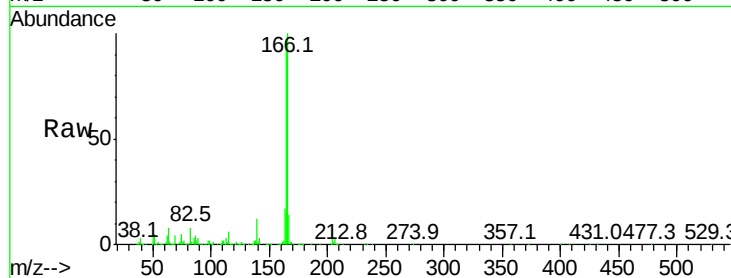




#57
Fluorene
 Concen: 41.34 ng
 RT: 15.85 min Scan# 2215
 Delta R.T. -0.02 min
 Lab File: BG025534.D
 Acq: 20 Jan 2017 11:59

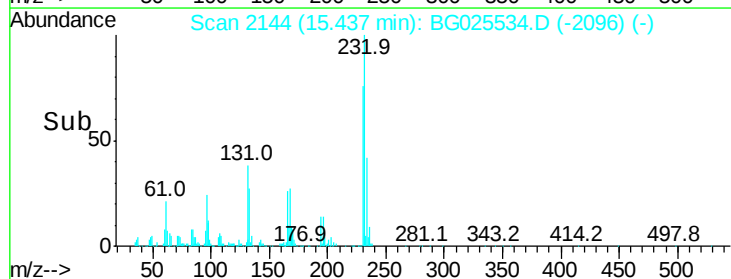
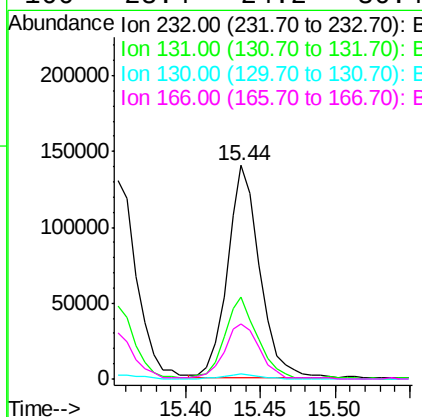
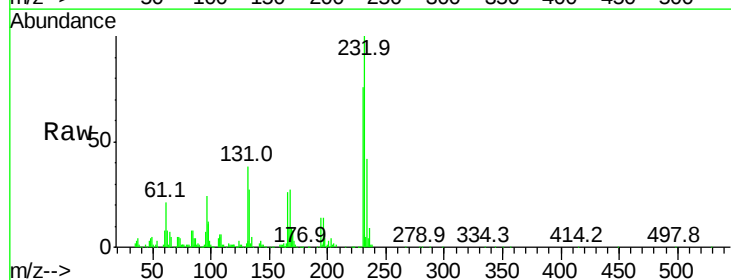
Instrument :
 BNA_G
 ClientSampleId :

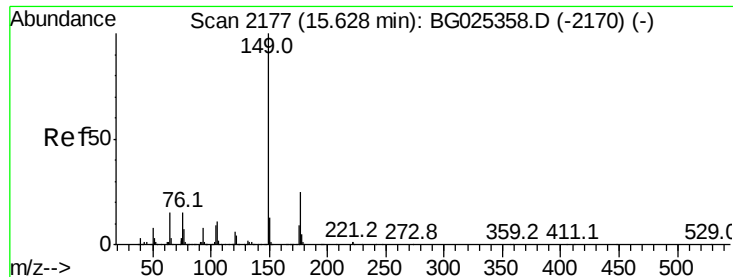
Tot Ion	Ratio	Lower	Upper
166	100		
165	96.6	78.6	117.8
167	13.9	11.6	17.4



#58
2,3,4,6-Tetrachlorophenol
 Concen: 38.31 ng
 RT: 15.44 min Scan# 2144
 Delta R.T. -0.02 min
 Lab File: BG025534.D
 Acq: 20 Jan 2017 11:59

Tgt Ion	Ratio	Lower	Upper
232	100		
131	39.2	34.9	52.3
130	2.6	2.3	3.5
166	28.4	24.2	36.4

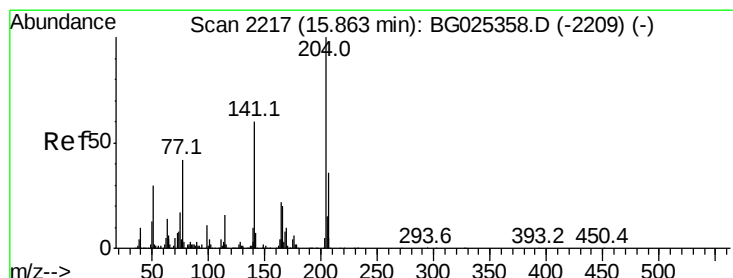
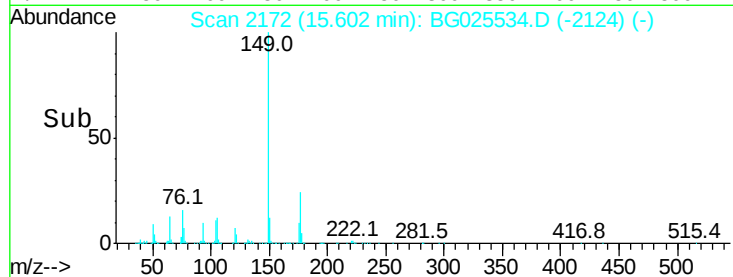
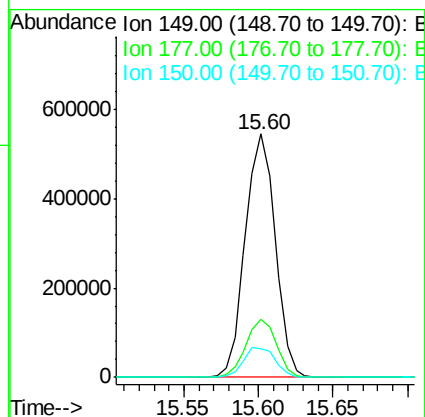
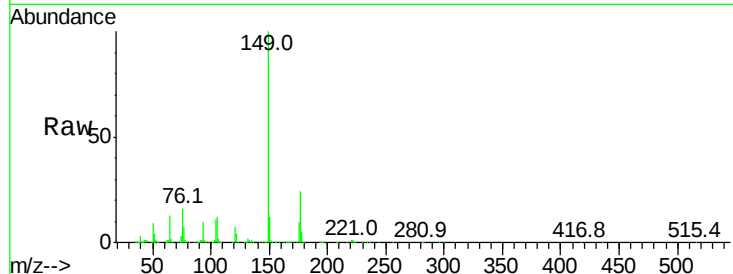




#59
Diethylphthalate
Concen: 41.69 ng
RT: 15.60 min Scan# 2172
Delta R.T. -0.02 min
Lab File: BG025534.D
Acq: 20 Jan 2017 11:59

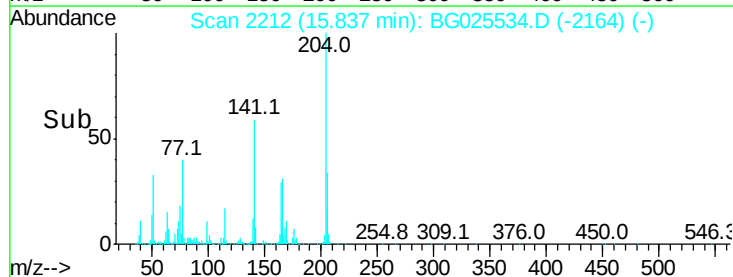
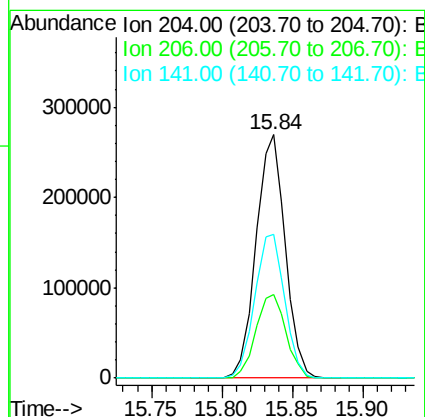
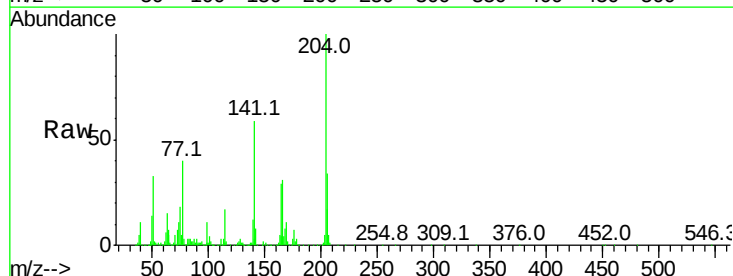
Instrument :
BNA_G
ClientSampleId :

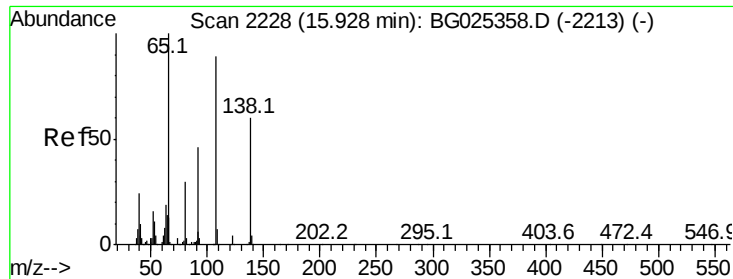
Tot Ion	Ratio	Lower	Upper
149	100		
177	24.0	20.1	30.1
150	12.0	10.2	15.2



#60
4-Chlorophenyl-phenylether
Concen: 41.10 ng
RT: 15.84 min Scan# 2212
Delta R.T. -0.02 min
Lab File: BG025534.D
Acq: 20 Jan 2017 11:59

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.2	30.1	45.1
141	59.0	50.6	76.0

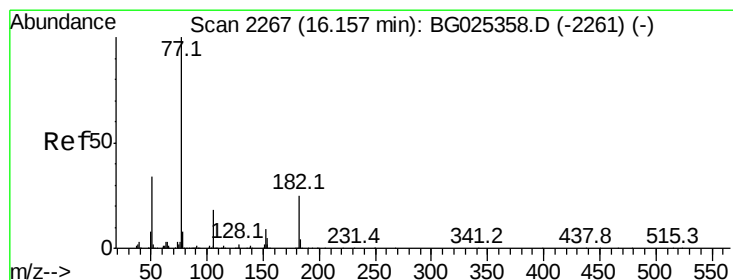
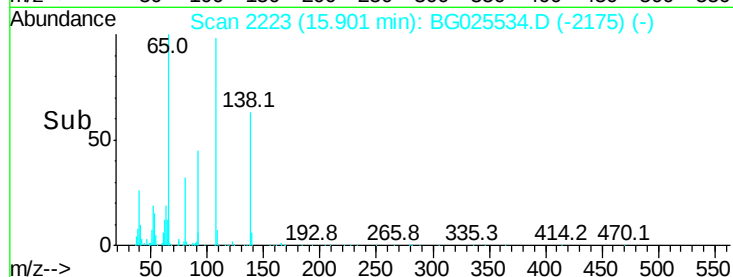
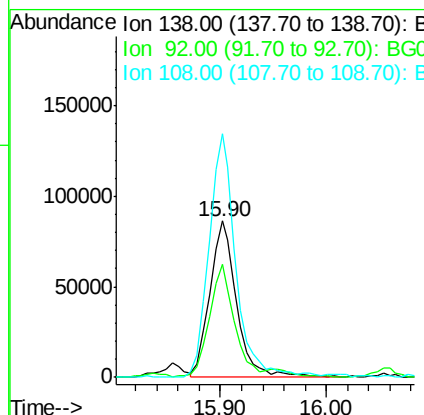
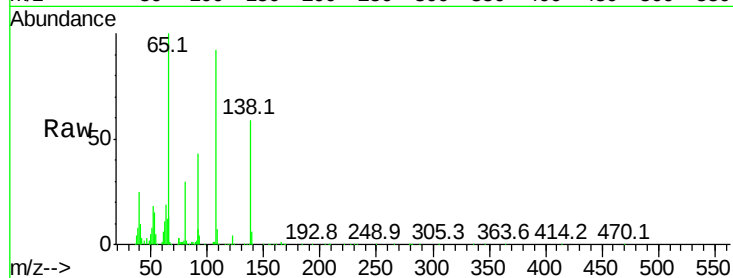




#61
4-Nitroaniline
Concen: 41.39 ng
RT: 15.90 min Scan# 2223
Delta R.T. -0.02 min
Lab File: BG025534.D
Acq: 20 Jan 2017 11:59

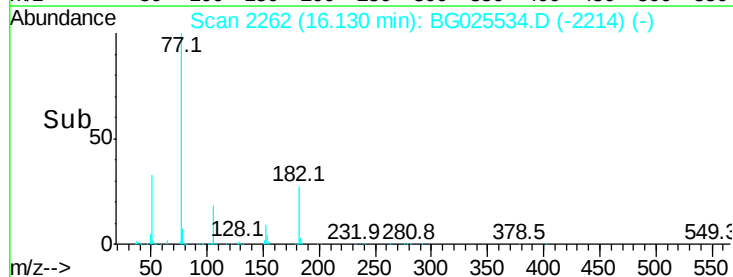
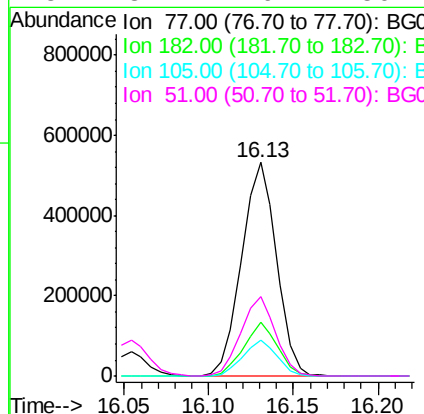
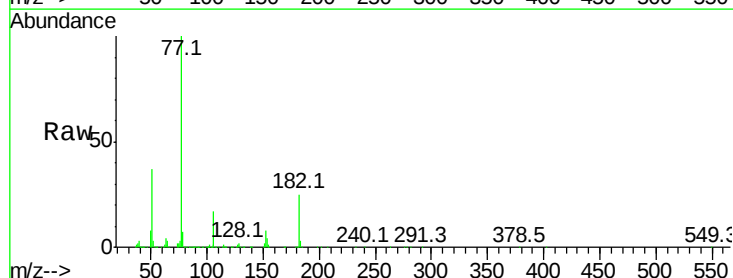
Instrument :
BNA_G
ClientSampleId :

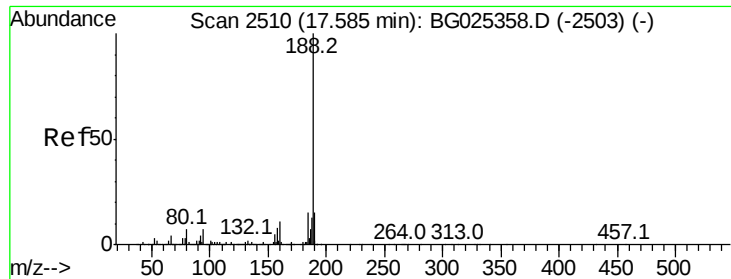
Tot Ion:138 Resp: 151658
Ion Ratio Lower Upper
138 100
92 72.7 44.2 84.2
108 155.8 104.8 144.8#



#62
Azobenzene
Concen: 43.55 ng
RT: 16.13 min Scan# 2262
Delta R.T. -0.02 min
Lab File: BG025534.D
Acq: 20 Jan 2017 11:59

Tgt Ion: 77 Resp: 763675
Ion Ratio Lower Upper
77 100
182 25.4 4.7 44.7
105 16.8 0.0 36.3
51 37.4 16.4 56.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.56 min Scan# 2505

Delta R.T. -0.02 min

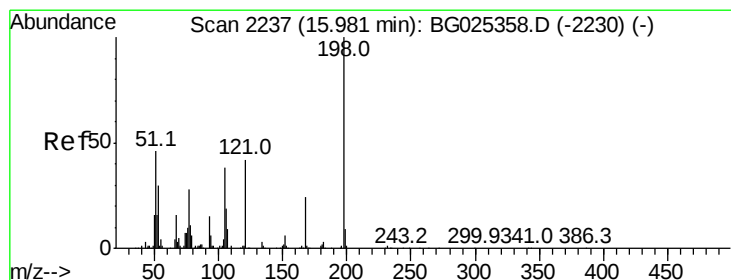
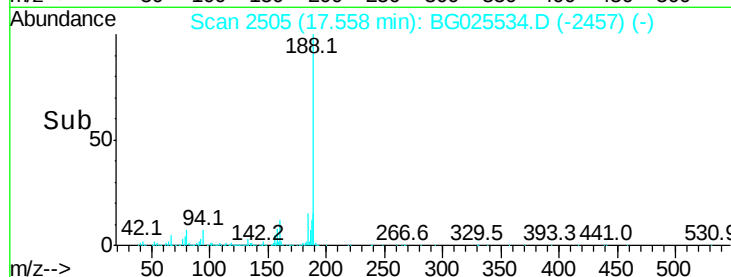
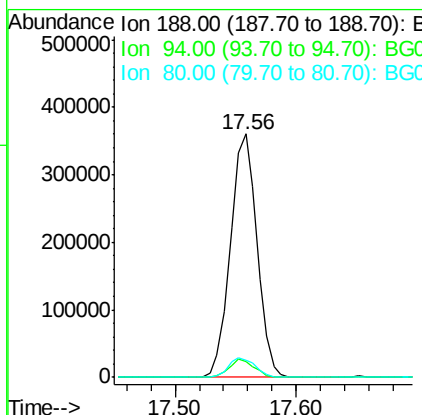
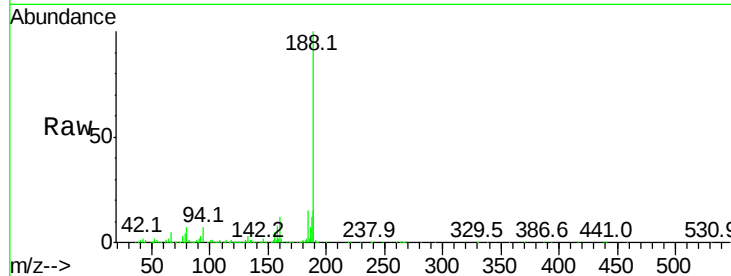
Lab File: BG025534.D

Acq: 20 Jan 2017 11:59

Instrument :
BNA_G
ClientSampled :

Tot Ion:188 Resp: 552140

Ion	Ratio	Lower	Upper
188	100		
94	6.6	5.8	8.8
80	6.9	7.5	11.3#



#64

4,6-Dinitro-2-methylphenol

Concen: 41.61 ng

RT: 15.95 min Scan# 2232

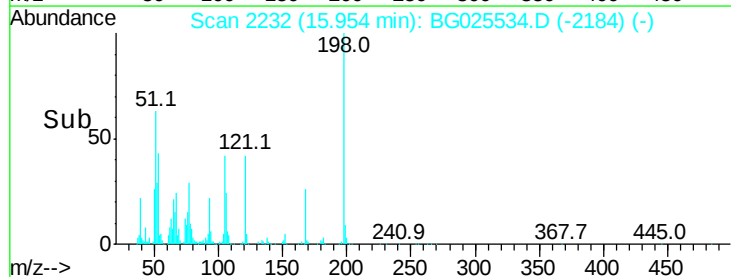
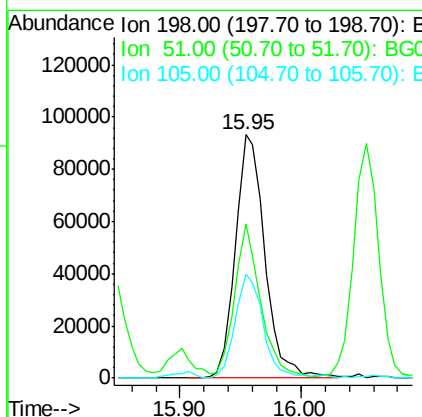
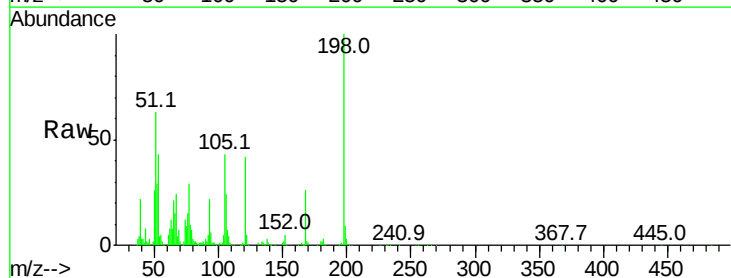
Delta R.T. -0.02 min

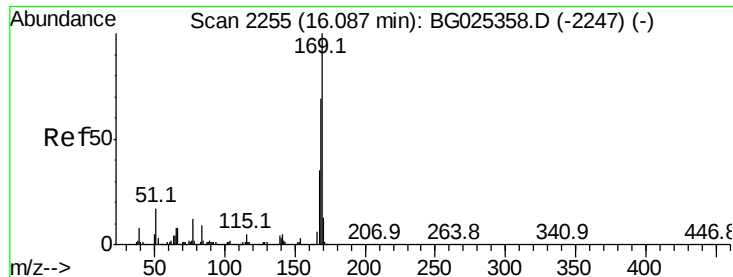
Lab File: BG025534.D

Acq: 20 Jan 2017 11:59

Tgt Ion:198 Resp: 159121

Ion	Ratio	Lower	Upper
198	100		
51	63.1	22.6	62.6#
105	42.7	14.4	54.4





#65

n-Nitrosodiphenylamine

Concen: 41.15 ng

RT: 16.05 min Scan# 2249

Delta R.T. -0.02 min

Lab File: BG025534.D

Acq: 20 Jan 2017 11:59

Instrument :

BNA_G

ClientSampleId :

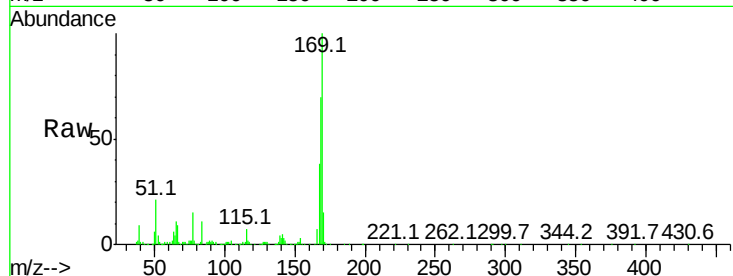
Tot Ion:169 Resp: 614188

Ion Ratio Lower Upper

169 100

168 69.5 55.7 83.5

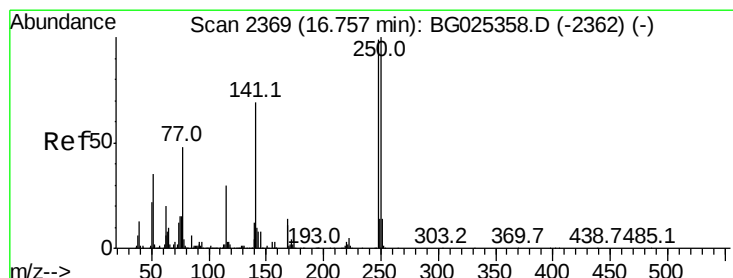
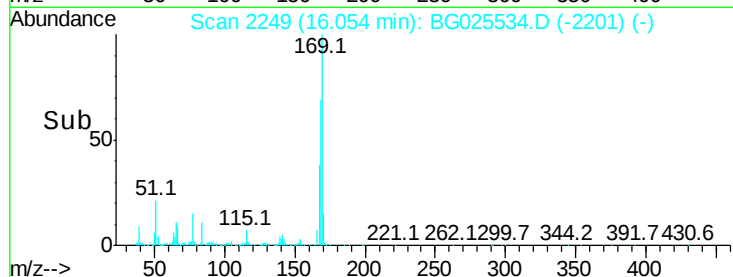
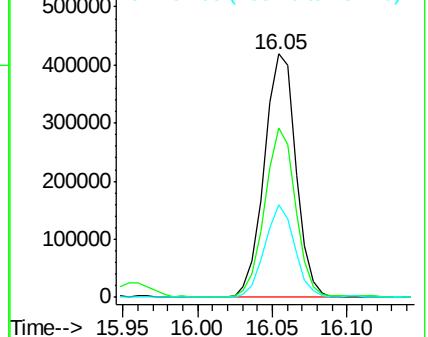
167 37.9 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 40.69 ng

RT: 16.73 min Scan# 2364

Delta R.T. -0.02 min

Lab File: BG025534.D

Acq: 20 Jan 2017 11:59

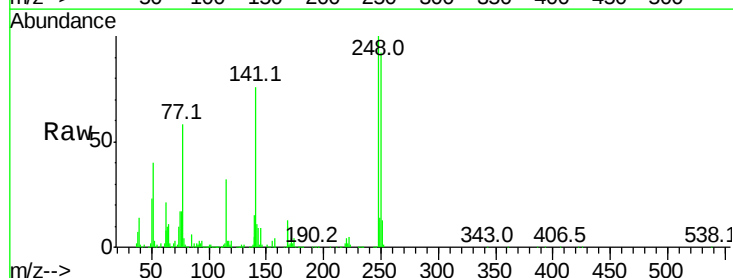
Tgt Ion:248 Resp: 277201

Ion Ratio Lower Upper

248 100

250 92.1 75.0 112.6

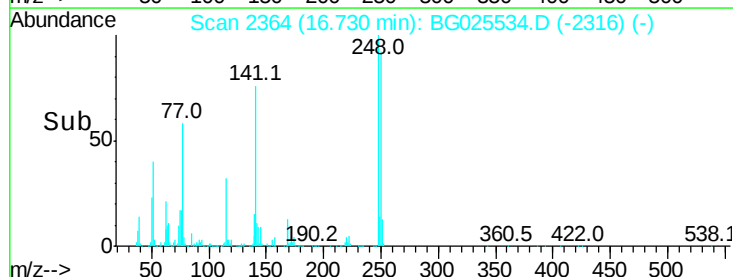
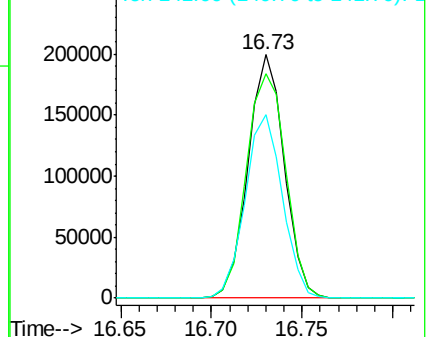
141 75.5 55.2 82.8

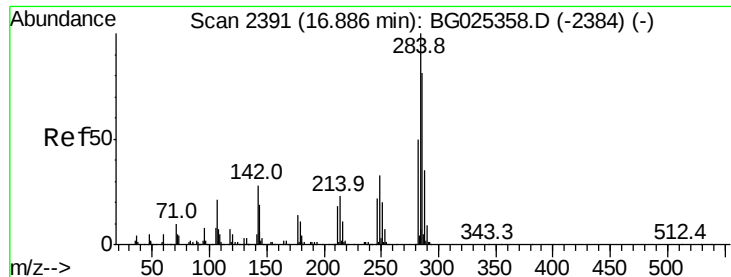


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 39.78 ng

RT: 16.86 min Scan# 2386

Delta R.T. -0.02 min

Lab File: BG025534.D

Acq: 20 Jan 2017 11:59

Instrument :

BNA_G

ClientSampleId :

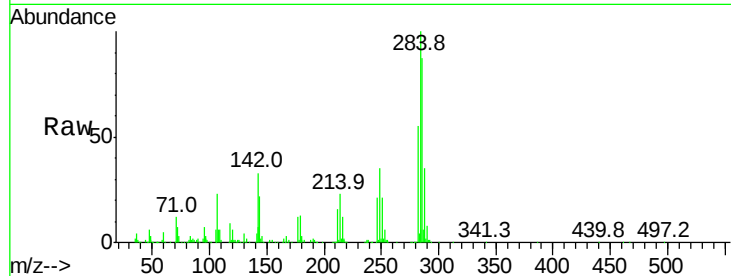
Tot Ion:284 Resp: 310941

Ion Ratio Lower Upper

284 100

142 32.6 29.9 44.9

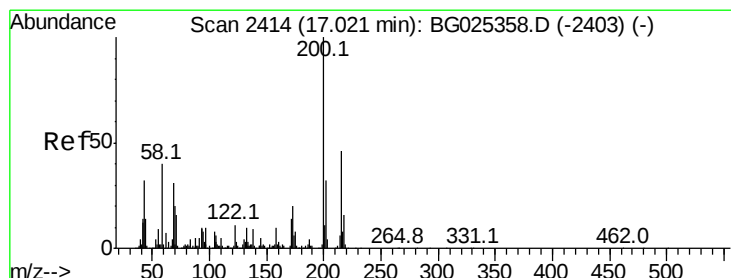
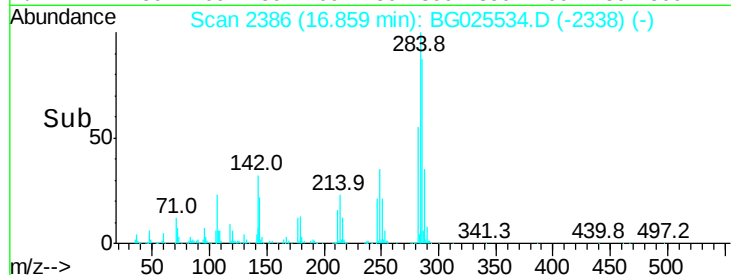
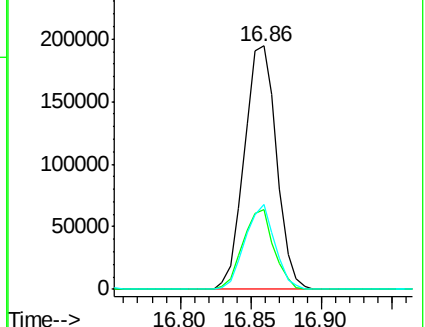
249 35.1 29.2 43.8



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: 34.33 ng

RT: 16.99 min Scan# 2409

Delta R.T. -0.02 min

Lab File: BG025534.D

Acq: 20 Jan 2017 11:59

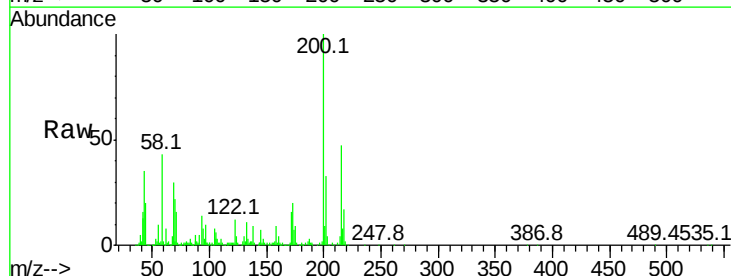
Tgt Ion:200 Resp: 224480

Ion Ratio Lower Upper

200 100

173 19.5 3.0 43.0

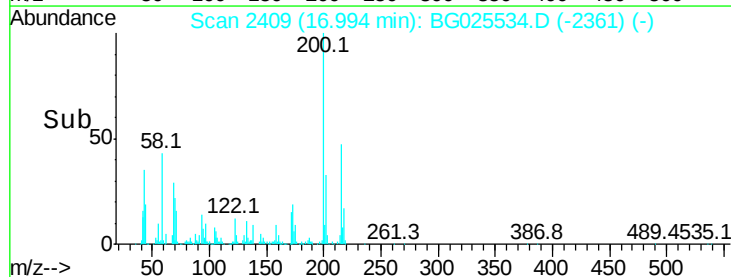
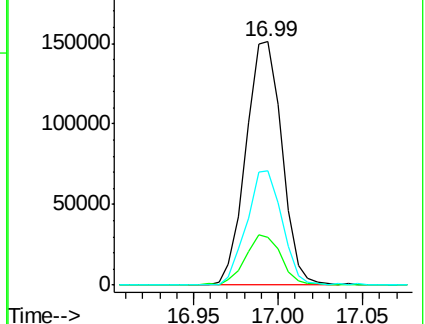
215 46.8 28.4 68.4

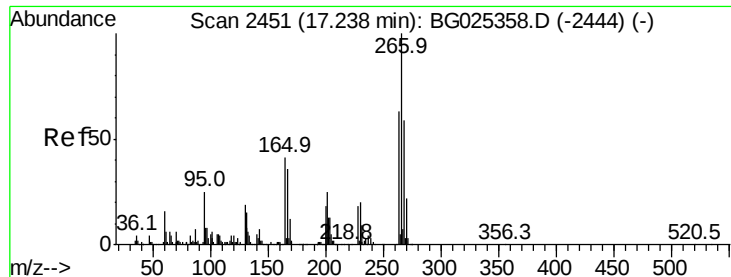


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

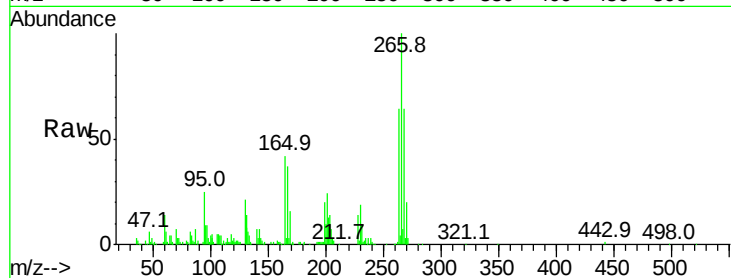




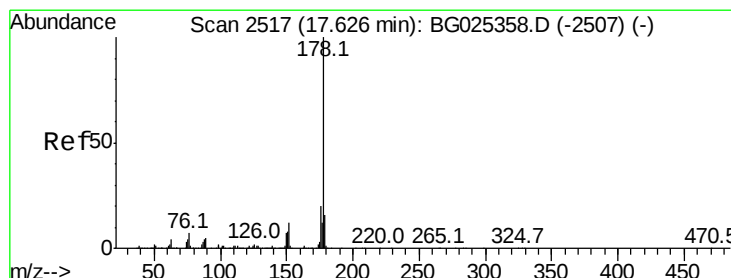
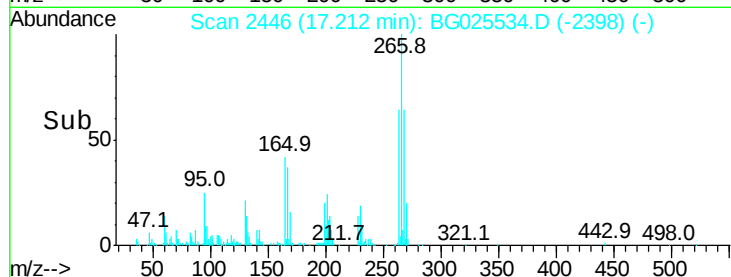
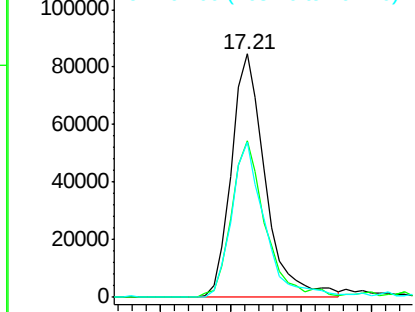
#69
 Pentachlorophenol
 Concen: 35.02 ng
 RT: 17.21 min Scan# 2446
 Delta R.T. -0.02 min
 Lab File: BG025534.D
 Acq: 20 Jan 2017 11:59

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.2	48.6	72.8
264	63.5	50.1	75.1

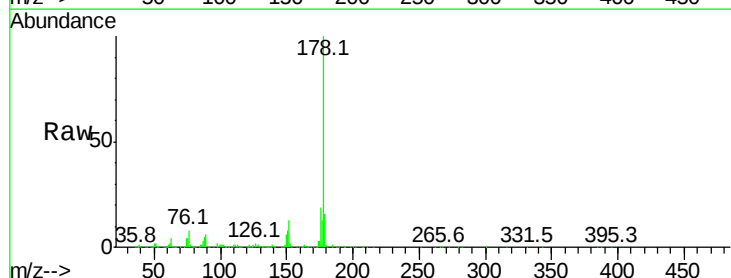


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

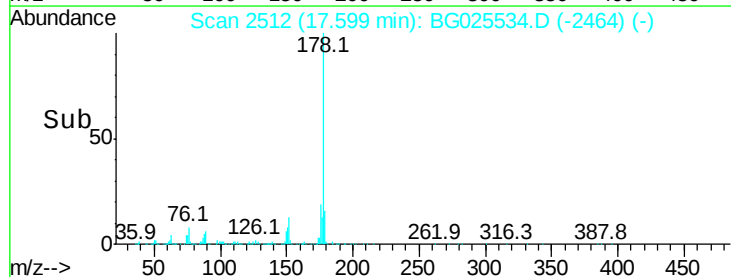
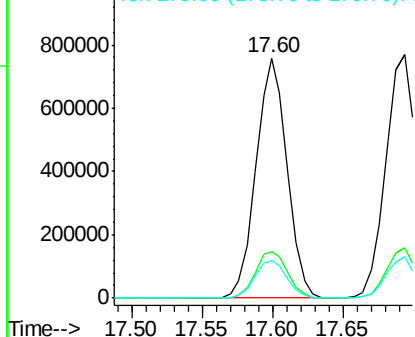


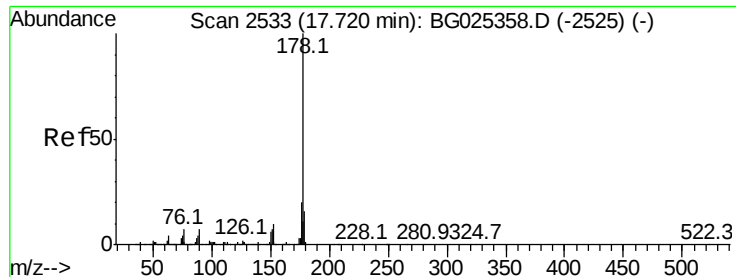
#70
 Phenanthrene
 Concen: 41.10 ng
 RT: 17.60 min Scan# 2512
 Delta R.T. -0.02 min
 Lab File: BG025534.D
 Acq: 20 Jan 2017 11:59

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	17.7	26.5
179	15.6	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: 41.73 ng

RT: 17.69 min Scan# 2528

Delta R.T. -0.02 min

Lab File: BG025534.D

Acq: 20 Jan 2017 11:59

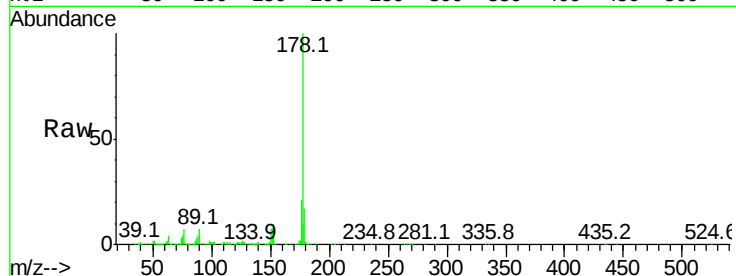
Instrument :

BNA_G

ClientSampleId :

Tot Ion:178 Resp: 1206382

Ion	Ratio	Lower	Upper
178	100		
176	20.6	16.4	24.6
179	17.2	13.8	20.8

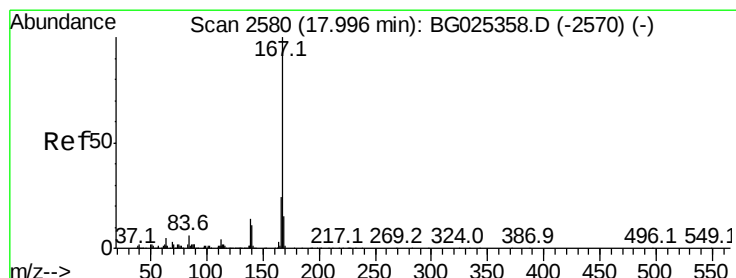
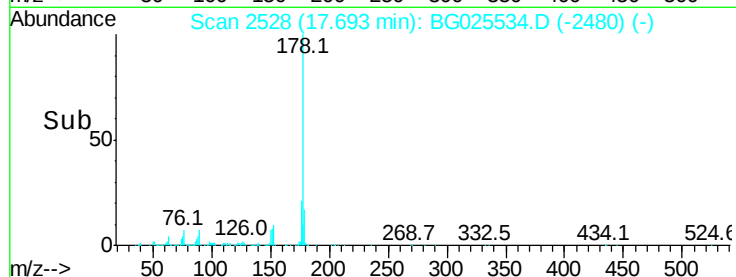


Abundance

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: 40.46 ng

RT: 17.97 min Scan# 2575

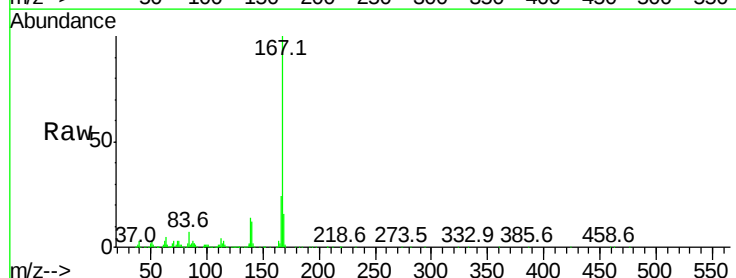
Delta R.T. -0.02 min

Lab File: BG025534.D

Acq: 20 Jan 2017 11:59

Tgt Ion:167 Resp: 1046231

Ion	Ratio	Lower	Upper
167	100		
166	24.4	20.2	30.2
139	13.9	12.8	19.2

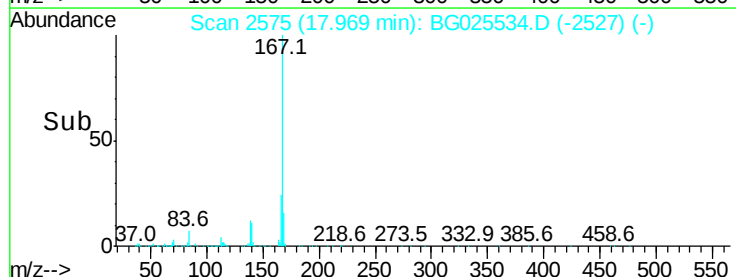


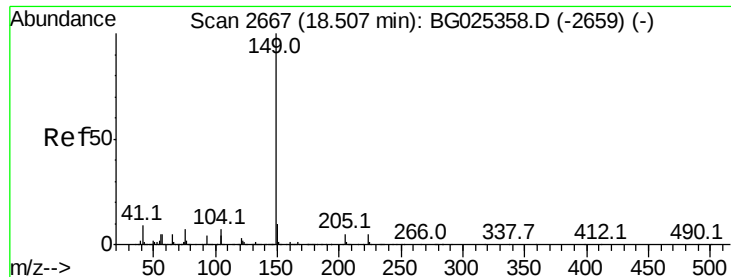
Abundance

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

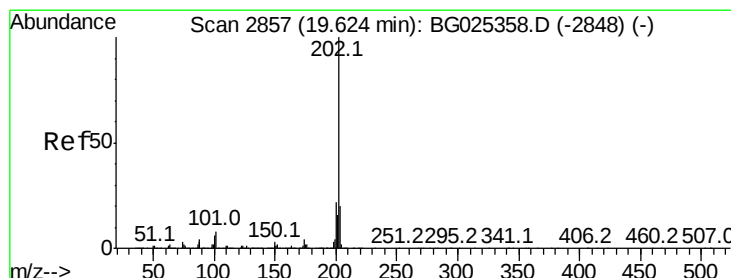
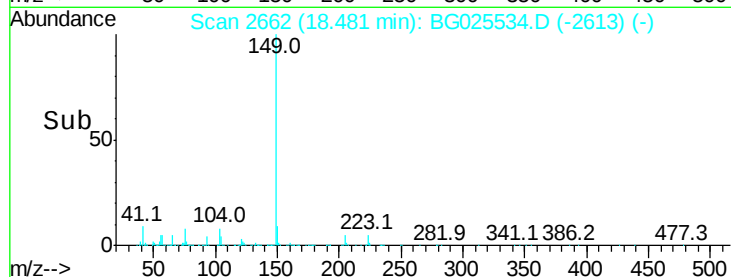
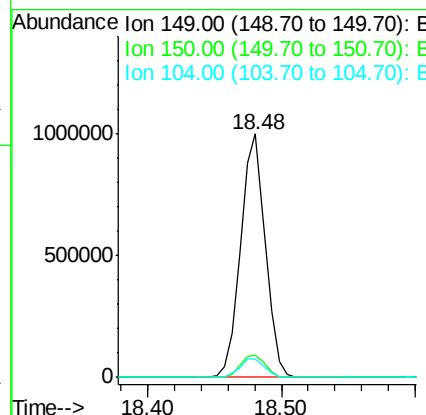
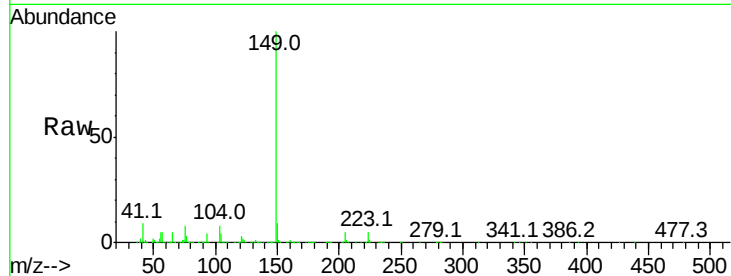




#73
Di-n-butylphthalate
Concen: 40.29 ng
RT: 18.48 min Scan# 2662
Delta R.T. -0.01 min
Lab File: BG025534.D
Acq: 20 Jan 2017 11:59

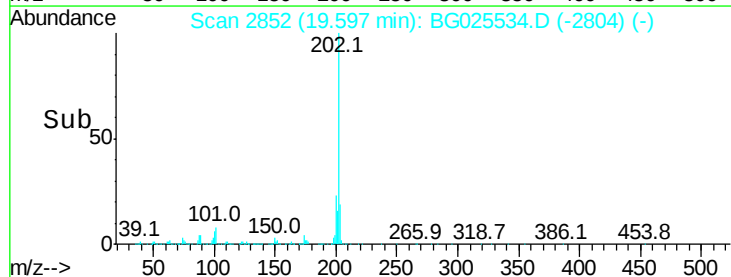
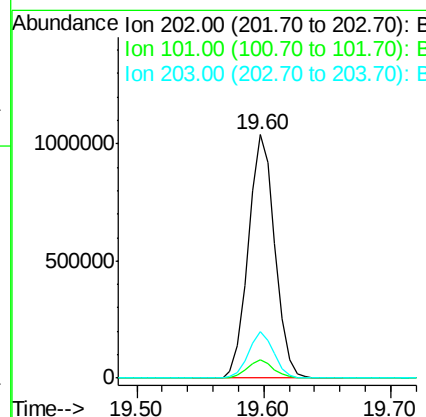
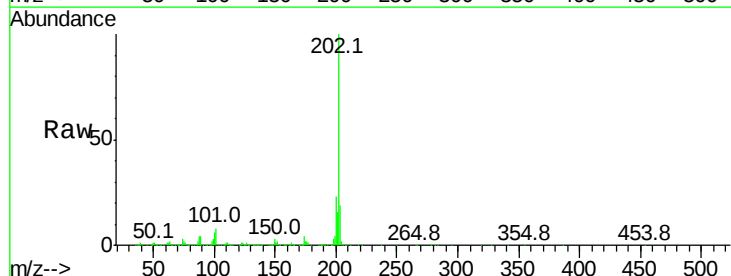
Instrument :
BNA_G
ClientSampleId :

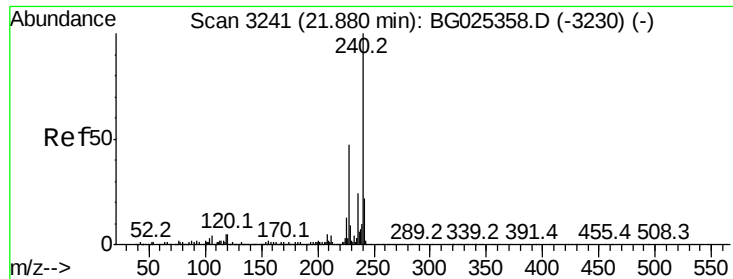
Tot Ion:149 Resp: 1281949
Ion Ratio Lower Upper
149 100
150 9.3 9.1 13.7
104 7.5 6.7 10.1



#74
Fluoranthene
Concen: 40.11 ng
RT: 19.60 min Scan# 2852
Delta R.T. -0.02 min
Lab File: BG025534.D
Acq: 20 Jan 2017 11:59

Tgt Ion:202 Resp: 1507462
Ion Ratio Lower Upper
202 100
101 7.5 0.0 30.1
203 19.2 1.3 41.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.85 min Scan# 3235

Delta R.T. -0.02 min

Lab File: BG025534.D

Acq: 20 Jan 2017 11:59

Instrument :

BNA_G

ClientSampleId :

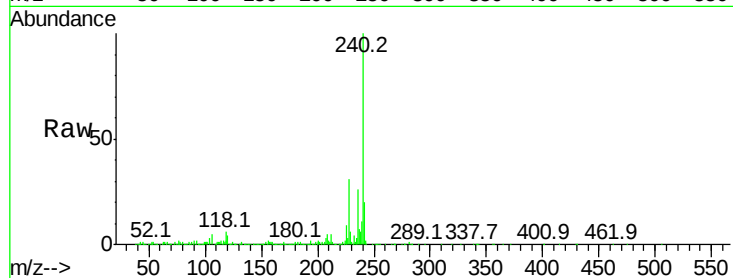
Tot Ion:240 Resp: 694156

Ion Ratio Lower Upper

240 100

120 4.5 5.7 8.5#

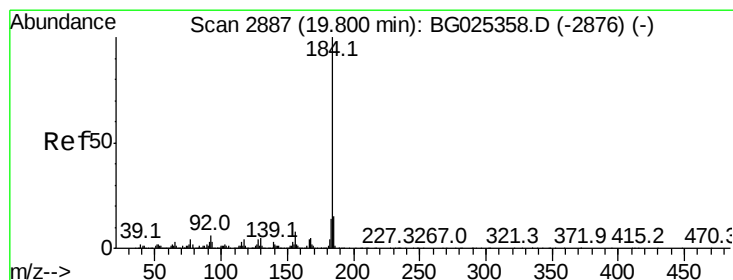
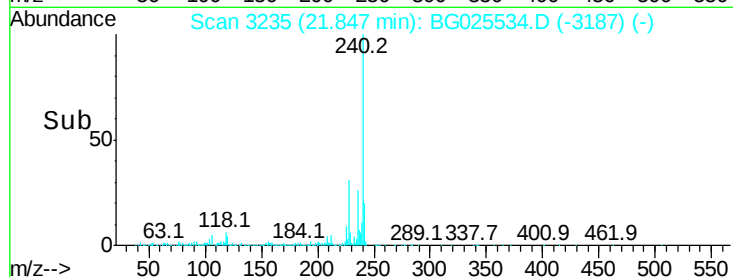
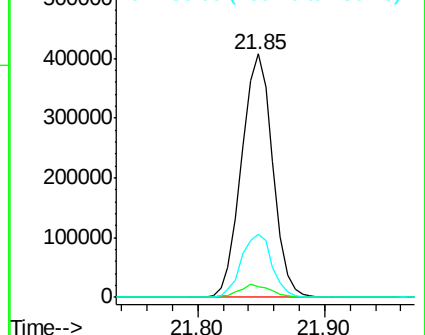
236 25.8 22.2 33.4



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: 33.80 ng

RT: 19.78 min Scan# 2883

Delta R.T. -0.01 min

Lab File: BG025534.D

Acq: 20 Jan 2017 11:59

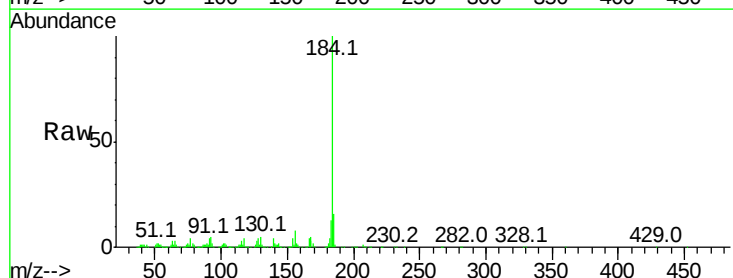
Tgt Ion:184 Resp: 585279

Ion Ratio Lower Upper

184 100

185 15.6 13.0 19.6

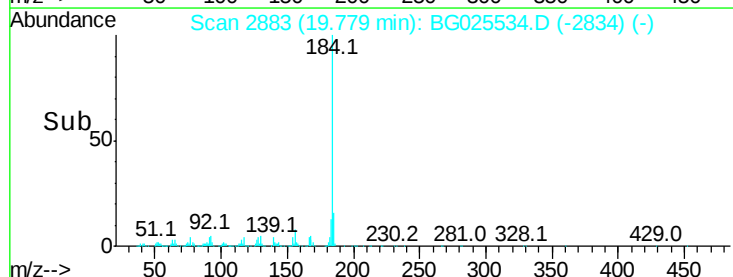
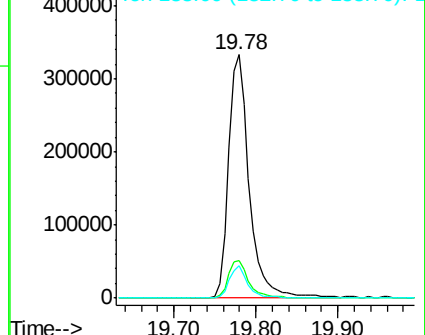
183 13.2 11.0 16.6

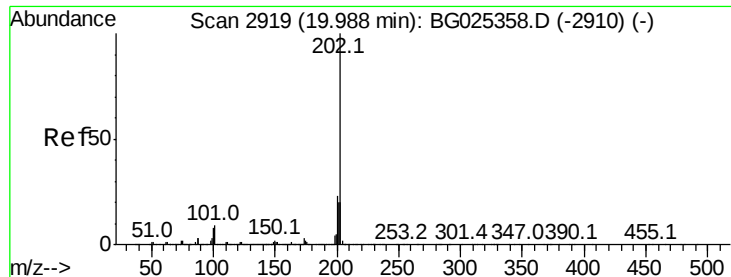


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 42.36 ng

RT: 19.96 min Scan# 2914

Delta R.T. -0.02 min

Lab File: BG025534.D

Acq: 20 Jan 2017 11:59

Instrument :

BNA_G

ClientSampleId :

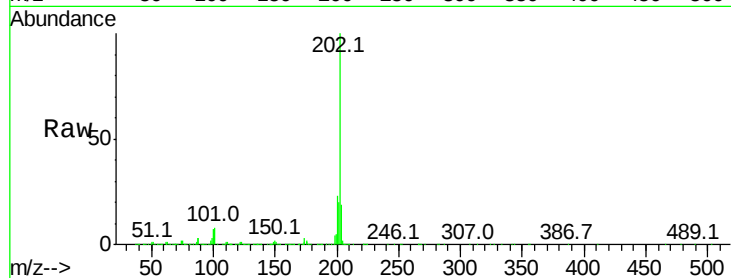
Tot Ion:202 Resp: 1536892

Ion	Ratio	Lower	Upper
202	100		
200	23.1	19.6	29.4
203	19.4	15.8	23.8

202 100

200 23.1 19.6 29.4

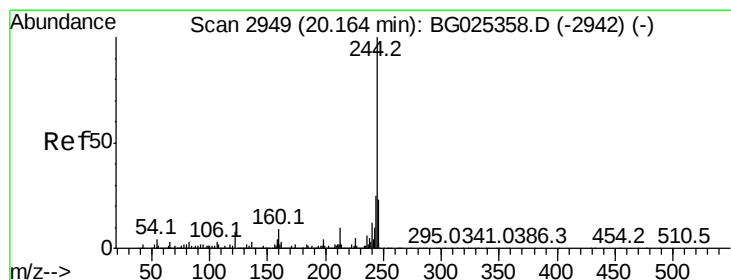
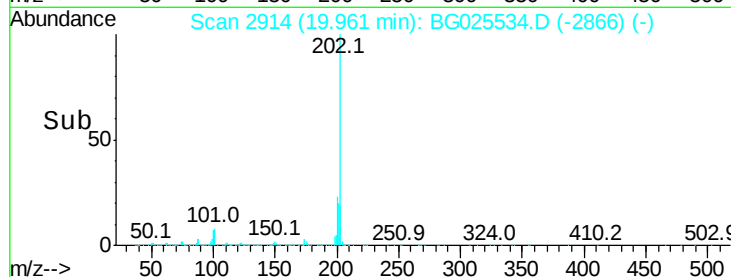
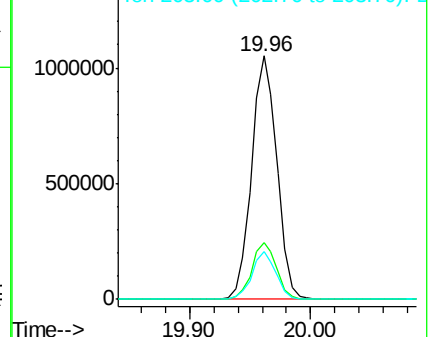
203 19.4 15.8 23.8



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: 80.47 ng

RT: 20.14 min Scan# 2944

Delta R.T. -0.02 min

Lab File: BG025534.D

Acq: 20 Jan 2017 11:59

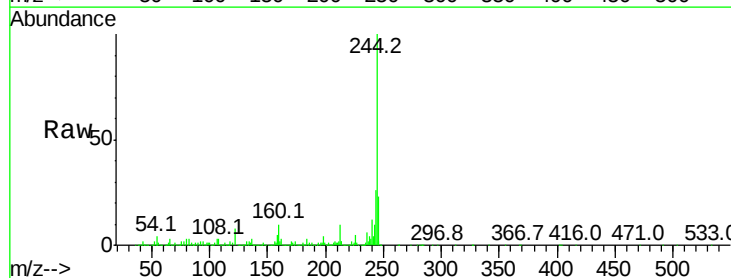
Tgt Ion:244 Resp: 2106745

Ion	Ratio	Lower	Upper
244	100		
212	10.2	10.0	15.0
122	8.4	8.6	12.8

244 100

212 10.2 10.0 15.0

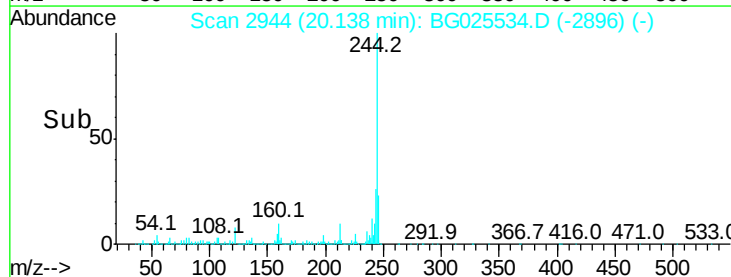
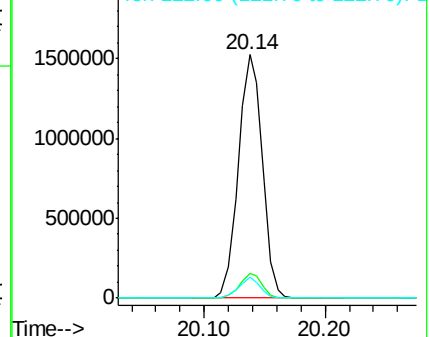
122 8.4 8.6 12.8

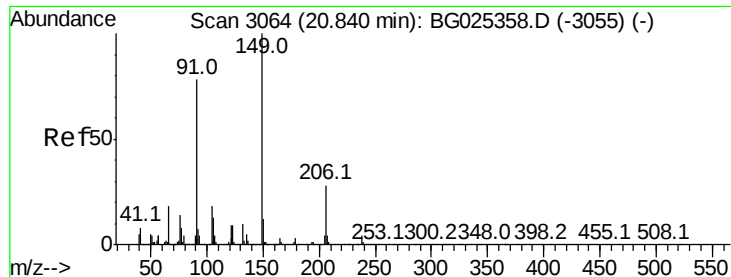


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

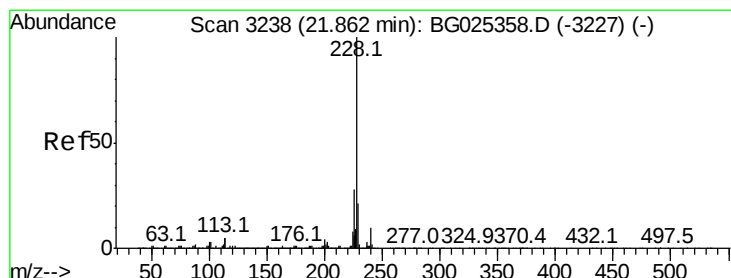
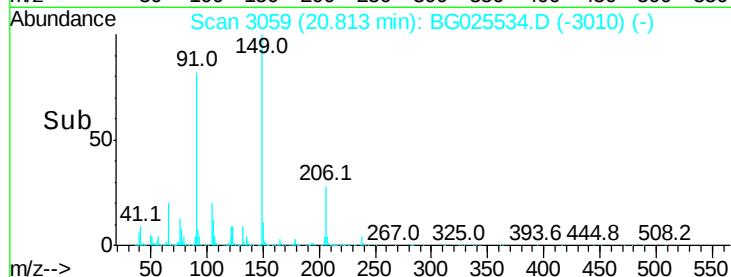
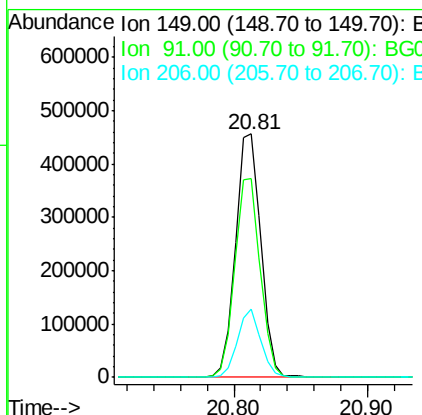
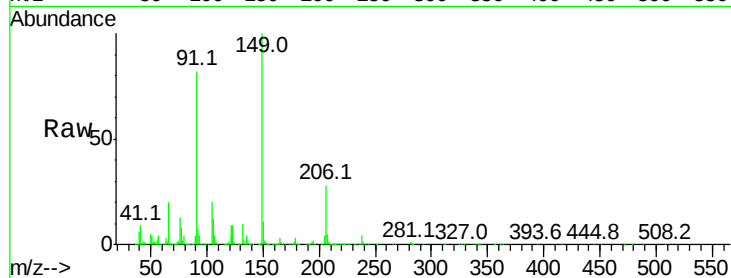




#79
Butylbenzylphthalate
Concen: 41.28 ng
RT: 20.81 min Scan# 3059
Delta R.T. -0.01 min
Lab File: BG025534.D
Acq: 20 Jan 2017 11:59

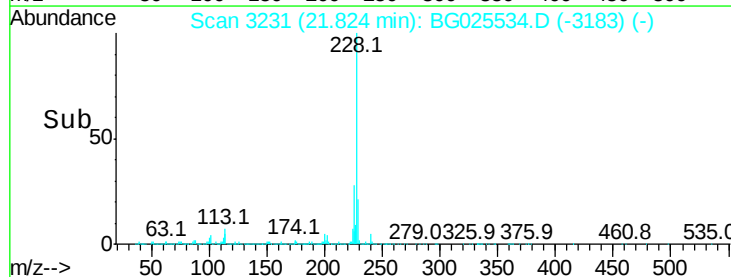
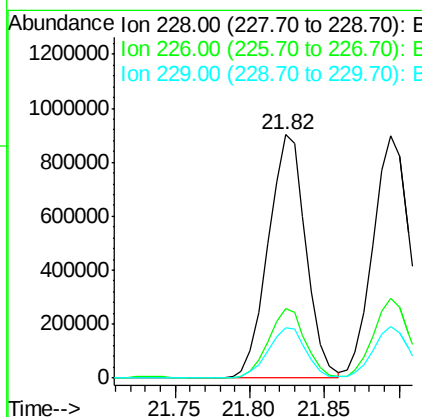
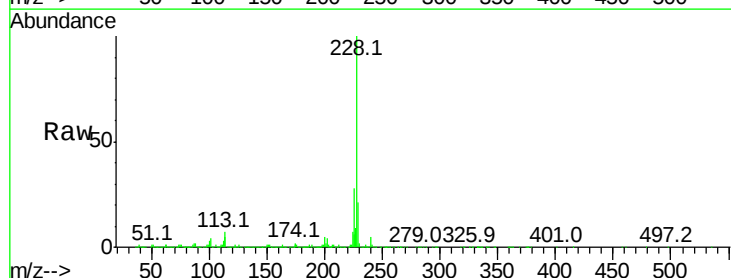
Instrument :
BNA_G
ClientSampleId :

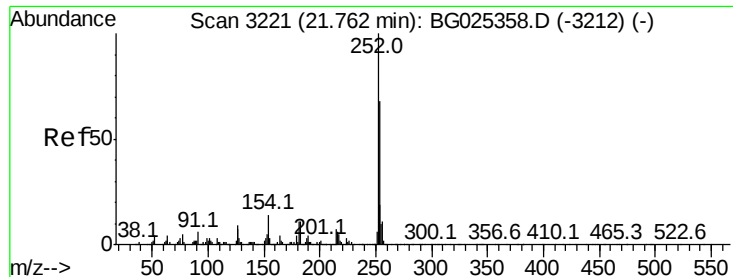
Tot Ion:149 Resp: 601253
Ion Ratio Lower Upper
149 100
91 81.8 63.5 95.3
206 28.2 21.0 31.6



#80
Benzo(a)anthracene
Concen: 40.88 ng
RT: 21.82 min Scan# 3231
Delta R.T. -0.02 min
Lab File: BG025534.D
Acq: 20 Jan 2017 11:59

Tgt Ion:228 Resp: 1582979
Ion Ratio Lower Upper
228 100
226 28.4 24.9 37.3
229 20.7 18.2 27.2

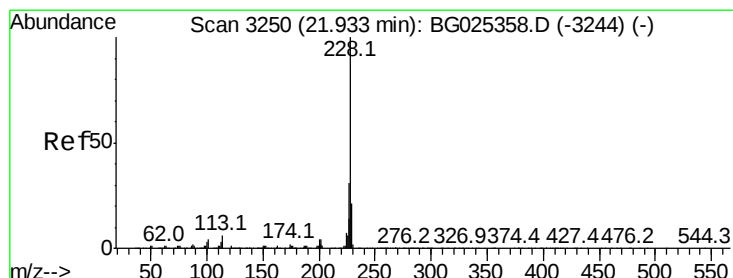
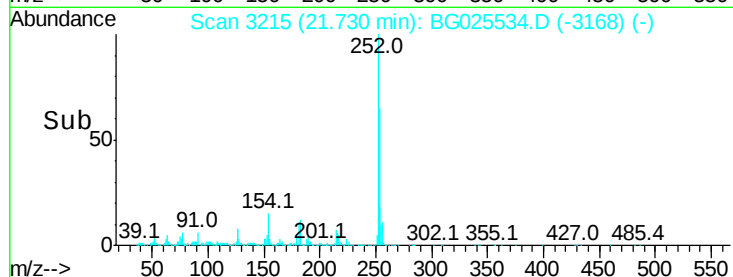
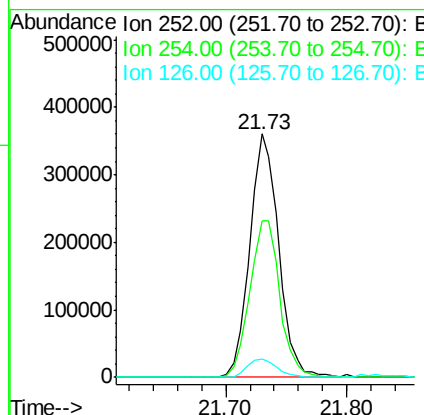
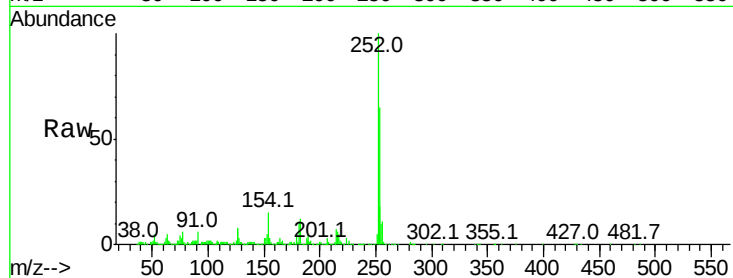




#81
3,3'-Dichlorobenzidine
Concen: 39.96 ng
RT: 21.73 min Scan# 3215
Delta R.T. -0.02 min
Lab File: BG025534.D
Acq: 20 Jan 2017 11:59

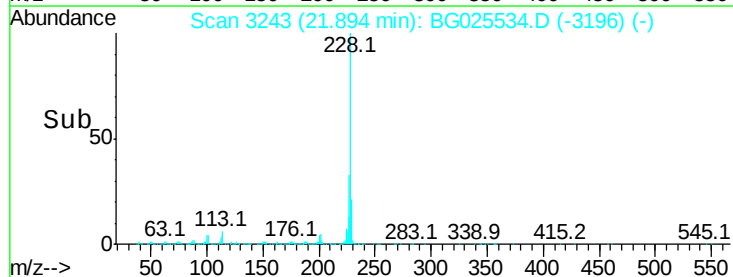
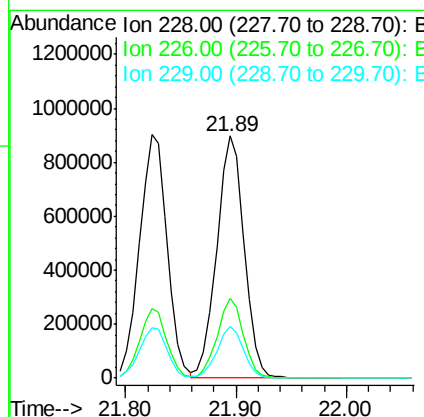
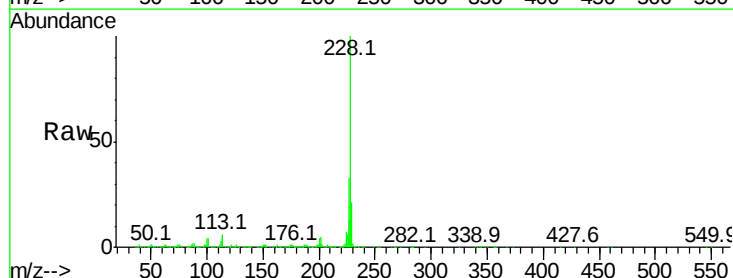
Instrument :
BNA_G
ClientSampled :

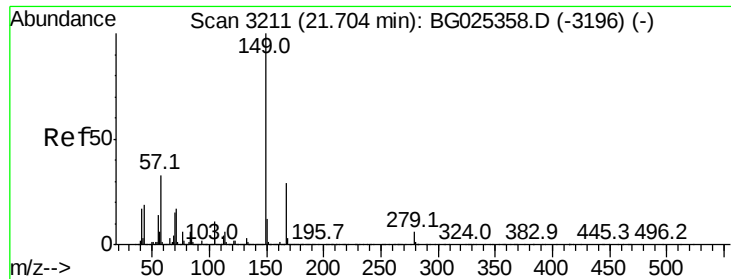
Tot Ion:252 Resp: 600975
Ion Ratio Lower Upper
252 100
254 64.5 53.1 79.7
126 7.3 7.0 10.4



#82
Chrysene
Concen: 41.38 ng
RT: 21.89 min Scan# 3243
Delta R.T. -0.02 min
Lab File: BG025534.D
Acq: 20 Jan 2017 11:59

Tgt Ion:228 Resp: 1536450
Ion Ratio Lower Upper
228 100
226 32.8 27.0 40.4
229 21.2 17.8 26.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.84 ng

RT: 21.67 min Scan# 3205

Delta R.T. -0.02 min

Lab File: BG025534.D

Acq: 20 Jan 2017 11:59

Instrument :

BNA_G

ClientSampleId :

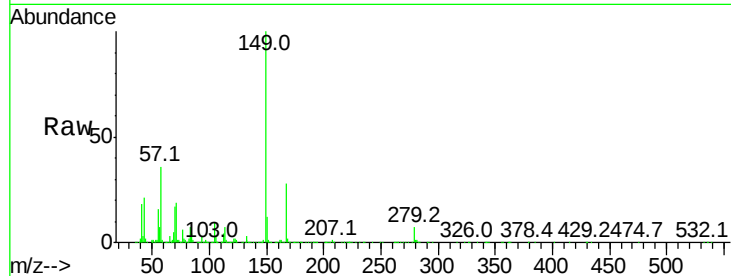
Tot Ion:149 Resp: 827844

Ion	Ratio	Lower	Upper
149	100		
167	27.9	23.7	35.5
279	6.5	4.6	6.8

149 100

167 27.9 23.7 35.5

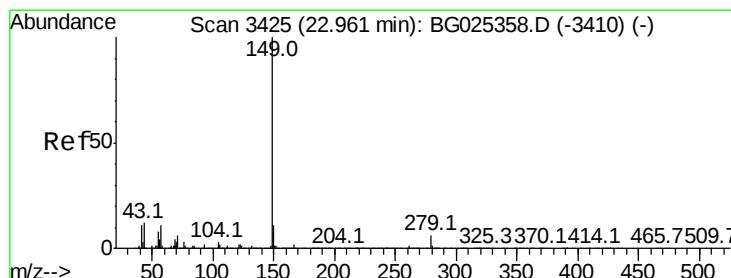
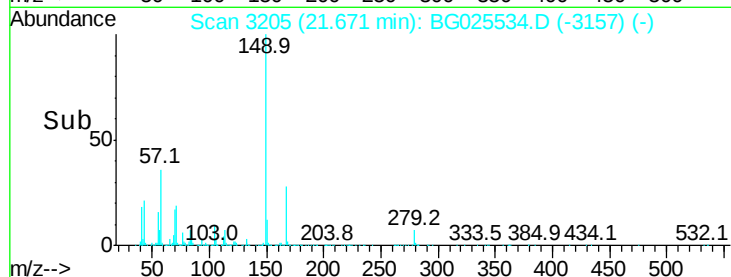
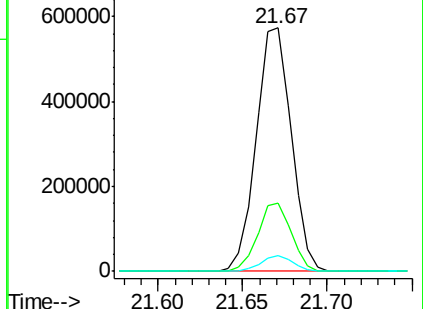
279 6.5 4.6 6.8



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: 41.68 ng

RT: 22.92 min Scan# 3417

Delta R.T. -0.02 min

Lab File: BG025534.D

Acq: 20 Jan 2017 11:59

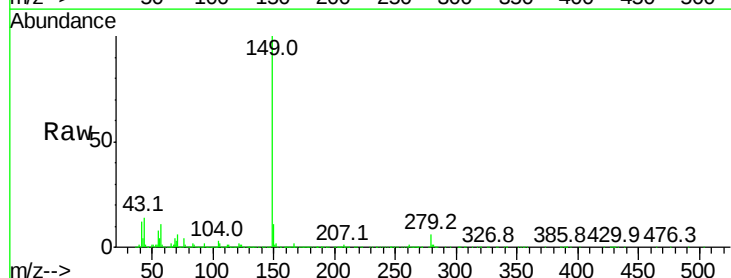
Tgt Ion:149 Resp: 1402905

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.2
43	13.2	11.8	17.6

149 100

167 1.7 1.4 2.2

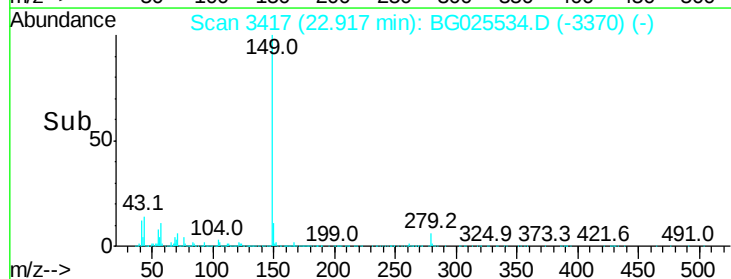
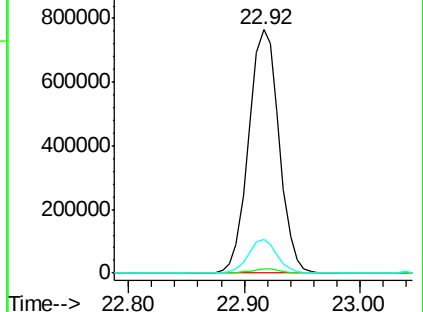
43 13.2 11.8 17.6

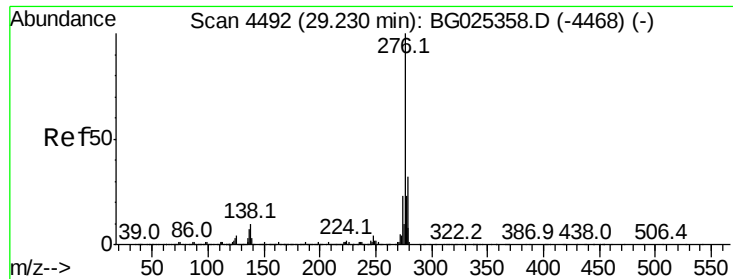


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG0

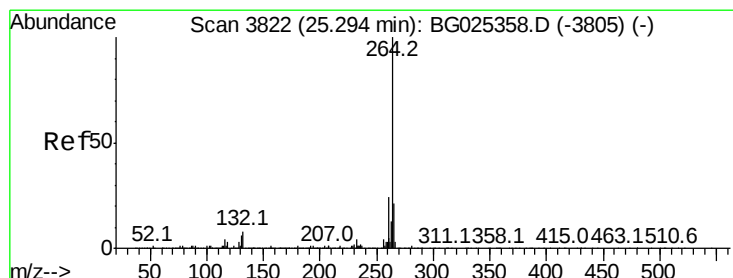
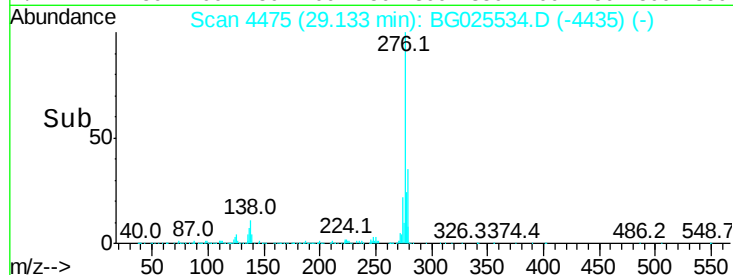
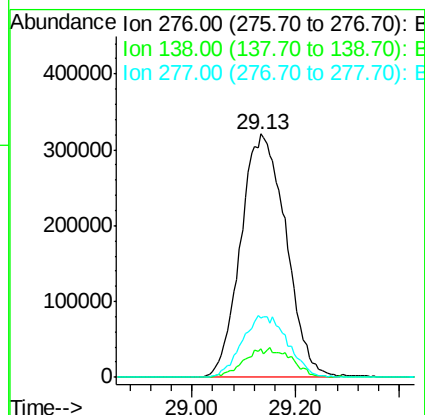
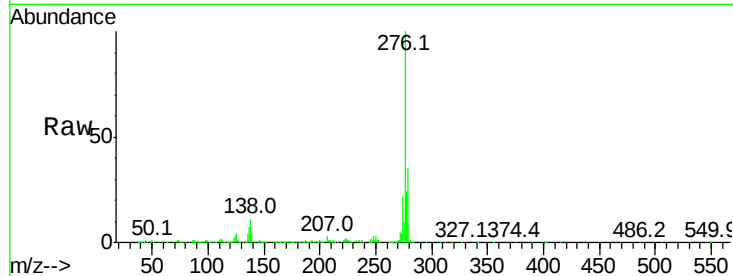




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.17 ng
 RT: 29.13 min Scan# 4475
 Delta R.T. -0.06 min
 Lab File: BG025534.D
 Acq: 20 Jan 2017 11:59

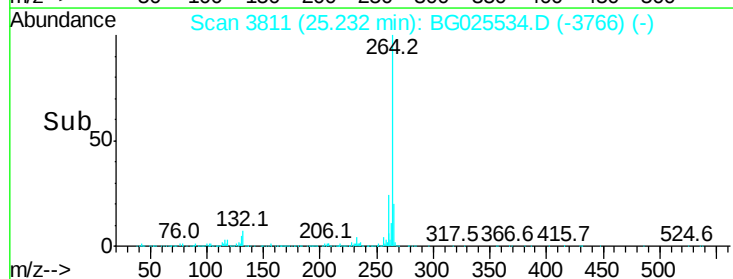
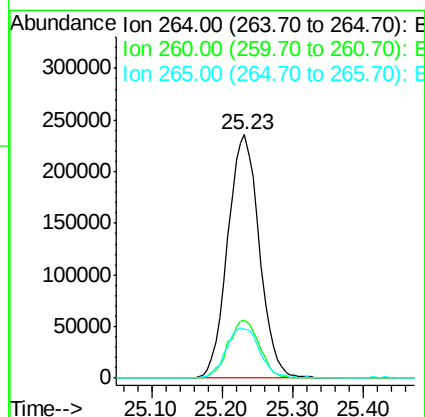
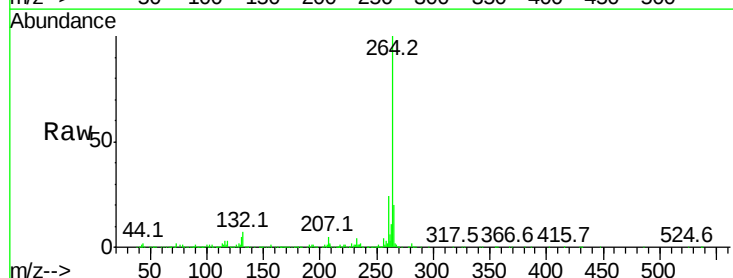
Instrument :
 BNA_G
 ClientSampleId :

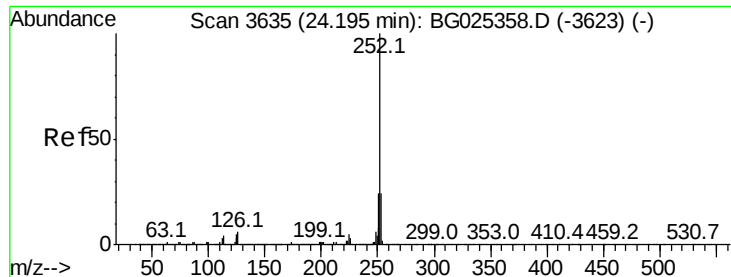
Tot Ion:276 Resp: 1943065
 Ion Ratio Lower Upper
 276 100
 138 5.6 4.7 7.1
 277 25.6 20.6 31.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.23 min Scan# 3811
 Delta R.T. -0.03 min
 Lab File: BG025534.D
 Acq: 20 Jan 2017 11:59

Tgt Ion:264 Resp: 732760
 Ion Ratio Lower Upper
 264 100
 260 23.9 21.8 32.8
 265 20.1 18.2 27.4

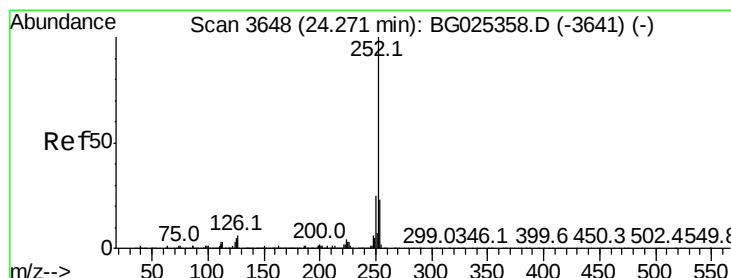
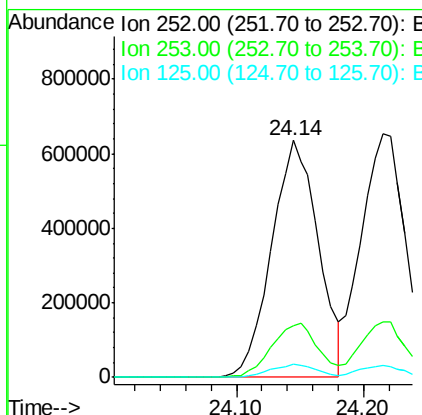
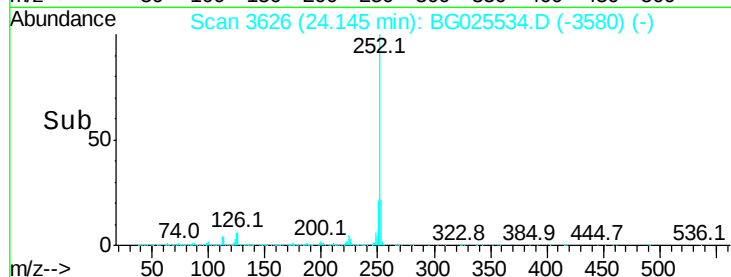
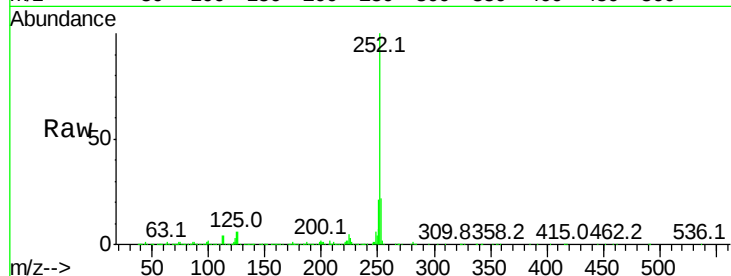




#87
Benzo(b)fluoranthene
Concen: 40.75 ng
RT: 24.14 min Scan# 3626
Delta R.T. -0.03 min
Lab File: BG025534.D
Acq: 20 Jan 2017 11:59

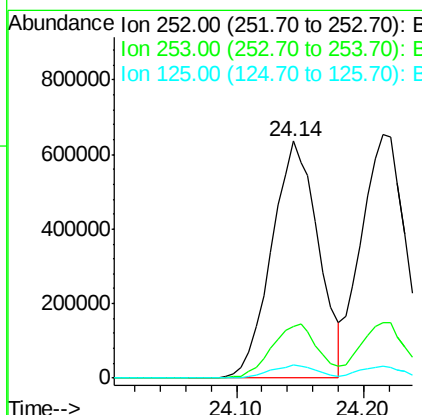
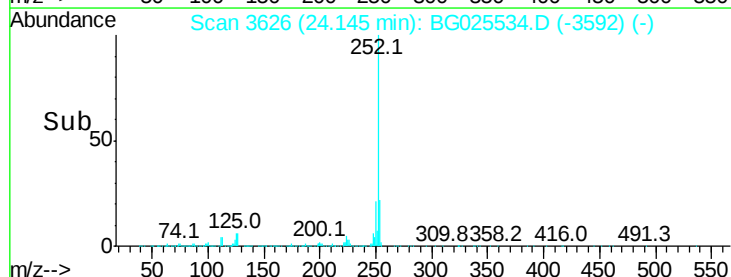
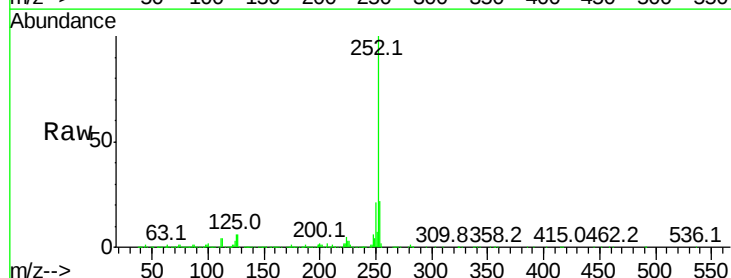
Instrument :
BNA_G
ClientSampleId :

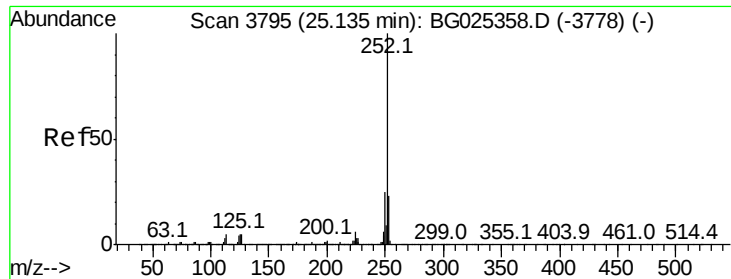
Tot Ion:252 Resp: 1629388
Ion Ratio Lower Upper
252 100
253 21.6 18.7 28.1
125 5.7 5.3 7.9



#88
Benzo(k)fluoranthene
Concen: 42.20 ng
RT: 24.14 min Scan# 3626
Delta R.T. -0.10 min
Lab File: BG025534.D
Acq: 20 Jan 2017 11:59

Tgt Ion:252 Resp: 1629388
Ion Ratio Lower Upper
252 100
253 21.6 20.2 30.2
125 5.7 5.1 7.7





#89

Benzo(a)pyrene

Concen: 40.93 ng

RT: 25.07 min Scan# 3784

Delta R.T. -0.03 min

Lab File: BG025534.D

Acq: 20 Jan 2017 11:59

Instrument :

BNA_G

ClientSampleId :

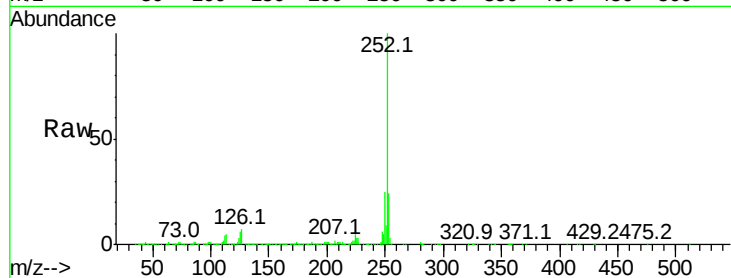
Tot Ion:252 Resp: 1580356

Ion Ratio Lower Upper

252 100

253 23.8 19.2 28.8

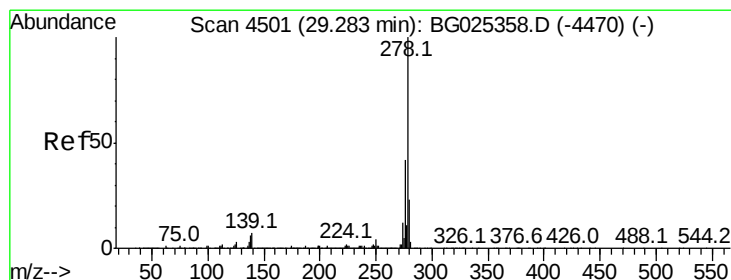
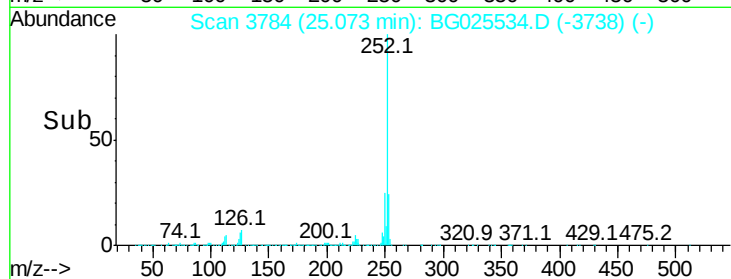
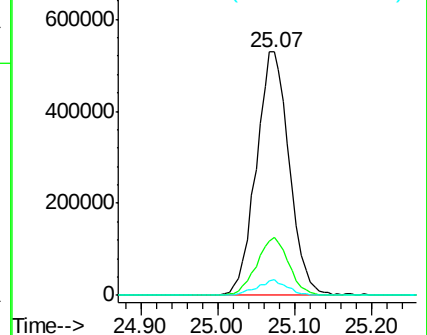
125 6.3 5.4 8.0



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: 40.70 ng

RT: 29.19 min Scan# 4484

Delta R.T. -0.05 min

Lab File: BG025534.D

Acq: 20 Jan 2017 11:59

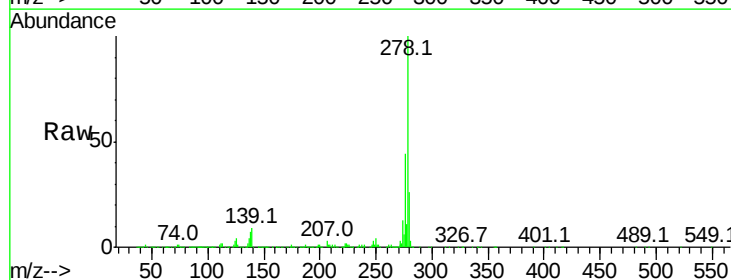
Tgt Ion:278 Resp: 1665641

Ion Ratio Lower Upper

278 100

139 8.5 7.7 11.5

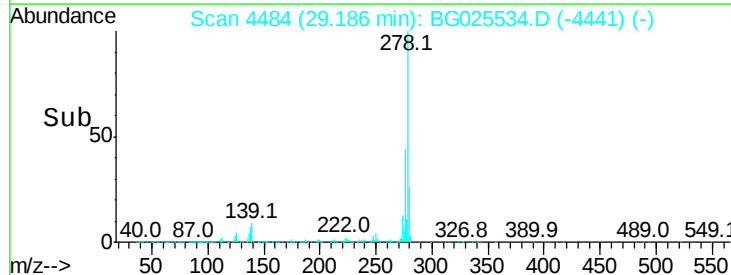
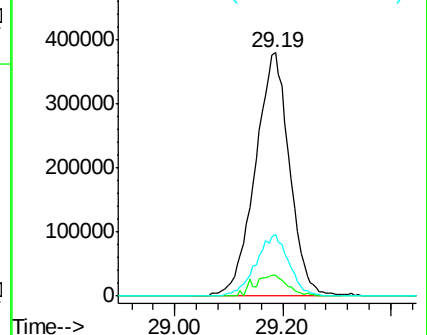
279 25.7 19.1 28.7

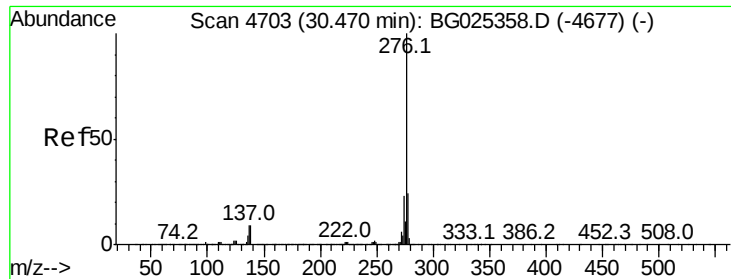


Abundance Ion 278.00 (277.70 to 278.70): E

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: 40.62 ng
 RT: 30.36 min Scan# 4684
 Delta R.T. -0.06 min
 Lab File: BG025534.D
 Acq: 20 Jan 2017 11:59

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:276 Resp: 1652131

Ion	Ratio	Lower	Upper
276	100		
277	25.0	18.6	27.8
138	10.1	8.1	12.1

