

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091616\
 Data File : BG024018.D
 Acq On : 17 Sep 2016 6:52
 Operator : UM/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 17 07:25:25 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 09 16:24:09 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	46963	20.00	ng	-0.05
21) Naphthalene-d8	10.89	136	228869	20.00	ng	-0.05
38) Acenaphthene-d10	14.73	164	183204	20.00	ng	-0.04
63) Phenanthrene-d10	17.49	188	484238	20.00	ng	-0.04
75) Chrysene-d12	21.80	240	489253	20.00	ng	-0.04
86) Perylene-d12	25.14	264	509032	20.00	ng	-0.07

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	213224	79.71	ng	-0.04
7) Phenol-d6	7.22	99	346525	84.16	ng	-0.05
23) Nitrobenzene-d5	9.24	82	446148	87.03	ng	-0.05
41) 2,4,6-Tribromophenol	16.23	330	254877	77.22	ng	-0.04
44) 2-Fluorobiphenyl	13.34	172	981213	76.79	ng	-0.04
78) Terphenyl-d14	20.10	244	1596743	74.33	ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.46	88	44699	40.52	ng	98
3) Pyridine	3.87	79	143527	43.29	ng	96
4) n-Nitrosodimethylamine	3.79	42	78931	45.16	ng	# 84
6) Aniline	7.38	93	229536	42.00	ng	93
8) 2-Chlorophenol	7.62	128	120880	39.01	ng	98
9) Benzaldehyde	7.19	77	115291	39.41	ng	90
10) Phenol	7.25	94	176877	40.83	ng	97
11) bis(2-Chloroethyl)ether	7.47	93	138915	40.76	ng	91
12) 1,3-Dichlorobenzene	7.94	146	140239	38.67	ng	100
13) 1,4-Dichlorobenzene	8.09	146	140852	36.66	ng	95
14) 1,2-Dichlorobenzene	8.41	146	141369	39.20	ng	94
15) Benzyl Alcohol	8.30	79	164838	45.41	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.58	45	185971	40.71	ng	93
17) 2-Methylphenol	8.51	107	117116	40.13	ng	98
18) Hexachloroethane	9.14	117	61391	41.49	ng	92
19) n-Nitroso-di-n-propylamine	8.87	70	160270	44.06	ng	96
20) 3+4-Methylphenols	8.85	107	179906	44.23	ng	95
22) Acetophenone	8.89	105	246861	41.66	ng	# 99
24) Nitrobenzene	9.28	77	241984	43.90	ng	98
25) Isophorone	9.80	82	428541	43.11	ng	97
26) 2-Nitrophenol	9.99	139	88223	42.10	ng	93
27) 2,4-Dimethylphenol	10.05	122	146779	41.21	ng	95
28) bis(2-Chloroethoxy)methane	10.28	93	216100	43.05	ng	97
29) 2,4-Dichlorophenol	10.55	162	163130	43.23	ng	94
30) 1,2,4-Trichlorobenzene	10.75	180	161906	39.12	ng	93
31) Naphthalene	10.93	128	458617	38.89	ng	100
32) Benzoic acid	10.24	122	112232	38.80	ng	98
33) 4-Chloroaniline	11.06	127	208094	42.26	ng	94
34) Hexachlorobutadiene	11.21	225	131208	42.21	ng	97
35) Caprolactam	11.85	113	59103	44.44	ng	# 86
36) 4-Chloro-3-methylphenol	12.19	107	224431	44.51	ng	99
37) 2-Methylnaphthalene	12.54	142	362355	40.39	ng	96
39) 1,2,4,5-Tetrachlorobenzene	12.91	216	243858	40.10	ng	99
40) Hexachlorocyclopentadiene	12.88	237	108506	34.07	ng	98

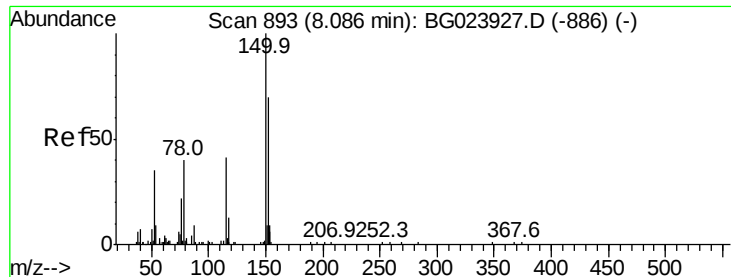
Data Path : Z:\HPCHEM1\BNA G\DATA\BG091616\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.17	196	164818	40.62	nq	95
43) 2,4,5-Trichlorophenol	13.25	196	167178	40.75	nq	92
45) 1,1'-Biphenyl	13.55	154	568845	38.60	nq	98
46) 2-Chloronaphthalene	13.60	162	421292	38.94	nq	97
47) 2-Nitroaniline	13.82	65	195709	45.93	nq	95
48) Acenaphthylene	14.45	152	716957	39.76	nq	99
49) Dimethylphthalate	14.18	163	629846	40.09	nq	96
50) 2,6-Dinitrotoluene	14.31	165	135986	41.01	nq	95
51) Acenaphthene	14.79	154	440818	39.54	nq	99
52) 3-Nitroaniline	14.65	138	128718	41.50	nq	98
53) 2,4-Dinitrophenol	14.87	184	74837	34.87	nq	# 86
54) Dibenzofuran	15.13	168	682296	39.21	nq	98
55) 4-Nitrophenol	14.99	139	88595	35.90	nq	92
56) 2,4-Dinitrotoluene	15.11	165	200485	41.13	nq	# 85
57) Fluorene	15.78	166	593063	39.30	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.36	232	168280	40.41	nq	93
59) Diethylphthalate	15.54	149	658983	39.29	nq	99
60) 4-Chlorophenyl-phenylether	15.77	204	319553	39.34	nq	99
61) 4-Nitroaniline	15.83	138	128780	41.07	nq	95
62) Azobenzene	16.06	77	699941	43.09	nq	93
64) 4,6-Dinitro-2-methylphenol	15.88	198	133042	39.57	nq	94
65) n-Nitrosodiphenylamine	15.99	169	547656	39.82	nq	95
66) 4-Bromophenyl-phenylether	16.67	248	238957	40.56	nq	93
67) Hexachlorobenzene	16.79	284	266907	38.63	nq	96
68) Atrazine	16.94	200	240123	40.58	nq	99
69) Pentachlorophenol	17.15	266	127639	34.78	nq	97
70) Phenanthrene	17.54	178	1003723	39.84	nq	97
71) Anthracene	17.63	178	1005592	39.13	nq	97
72) Carbazole	17.91	167	878387	37.67	nq	97
73) Di-n-butylphthalate	18.44	149	1071096	38.50	nq	96
74) Fluoranthene	19.55	202	1115872	36.79	nq	94
76) Benzidine	19.73	184	531078	35.05	nq	98
77) Pyrene	19.92	202	1129566	37.54	nq	94
79) Butylbenzylphthalate	20.79	149	457269	39.42	nq	100
80) Benzo(a)anthracene	21.78	228	1117012	40.79	nq	93
81) 3,3'-Dichlorobenzidine	21.70	252	457107	41.76	nq	# 99
82) Chrysene	21.85	228	1067123	40.93	nq	98
83) Bis(2-ethylhexyl)phthalate	21.66	149	658030	41.43	nq	95
84) Di-n-octyl phthalate	22.90	149	1156446	44.40	nq	99
85) Indeno(1,2,3-cd)pyrene	28.97	276	1377140	47.71	nq	# 100
87) Benzo(b)fluoranthene	24.15	252	1174137	40.60	nq	98
88) Benzo(k)fluoranthene	24.15	252	1174137	40.95	nq	# 98
89) Benzo(a)pyrene	24.99	252	1143370	41.64	nq	# 97
90) Dibenzo(a,h)anthracene	29.03	278	1132309	41.93	nq	# 95
91) Benzo(g,h,i)perylene	30.17	276	1127029	43.40	nq	# 93

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.06 min Scan# 888

Delta R.T. -0.05 min

Lab File: BG024018.D

Acq: 17 Sep 2016 6:52

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ClientSampleId :

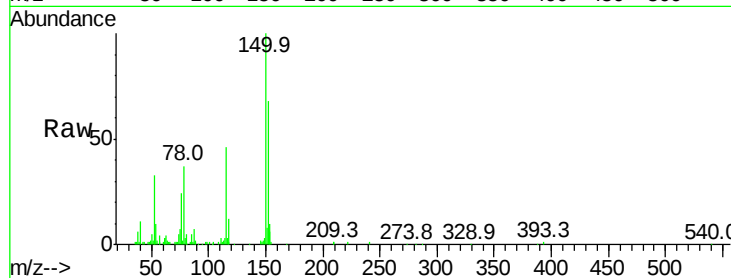
Tot Ion:152 Resp: 46963

Ion Ratio Lower Upper

152 100

150 147.6 144.7 217.1

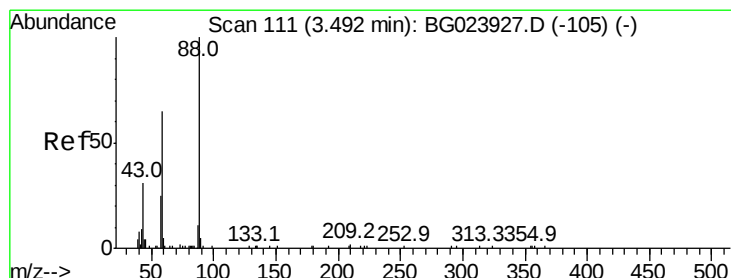
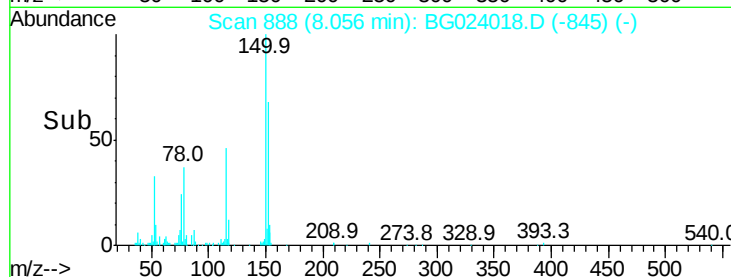
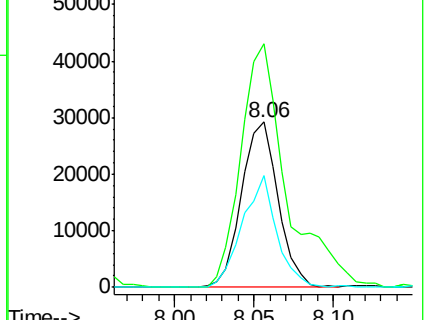
115 67.8 64.0 96.0



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: 40.52 ng

RT: 3.46 min Scan# 105

Delta R.T. -0.04 min

Lab File: BG024018.D

Acq: 17 Sep 2016 6:52

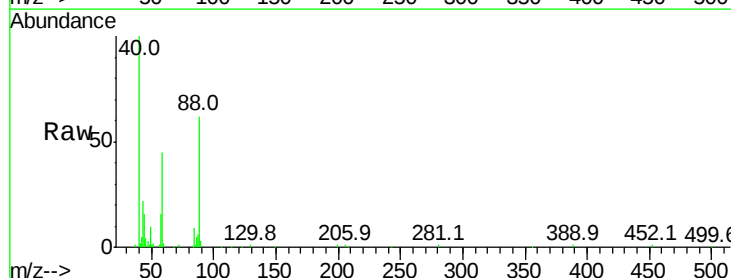
Tgt Ion: 88 Resp: 44699

Ion Ratio Lower Upper

88 100

58 73.9 60.4 90.6

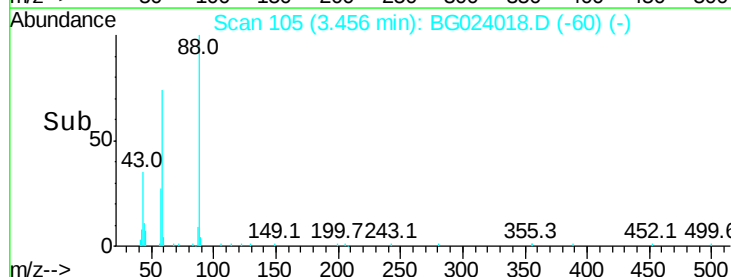
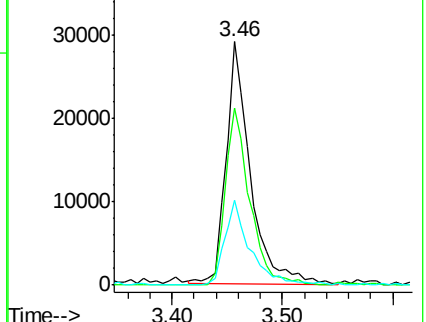
43 37.2 31.1 46.7

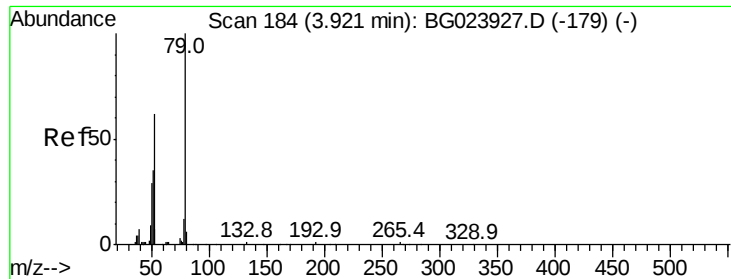


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 43.29 ng

RT: 3.87 min Scan# 175

Delta R.T. -0.04 min

Lab File: BG024018.D

Acq: 17 Sep 2016 6:52

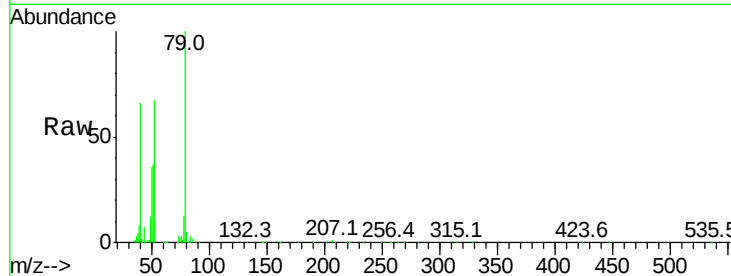
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 79 Resp: 143527

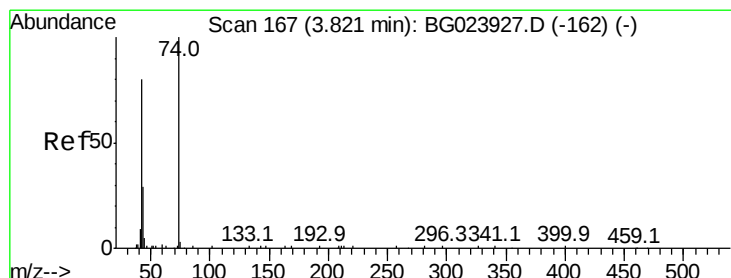
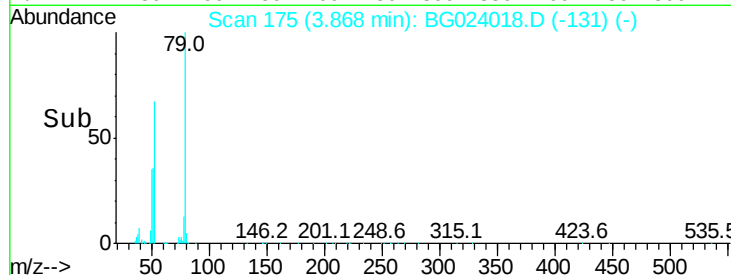
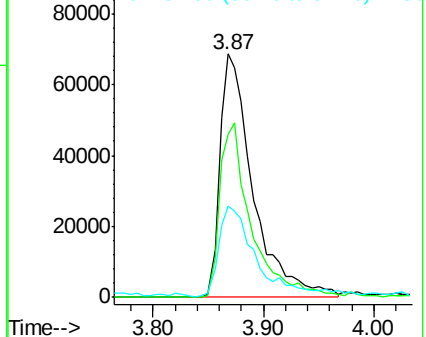
Ion	Ratio	Lower	Upper
79	100		
52	66.9	51.8	77.8
51	37.4	32.7	49.1



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: 45.16 ng

RT: 3.79 min Scan# 161

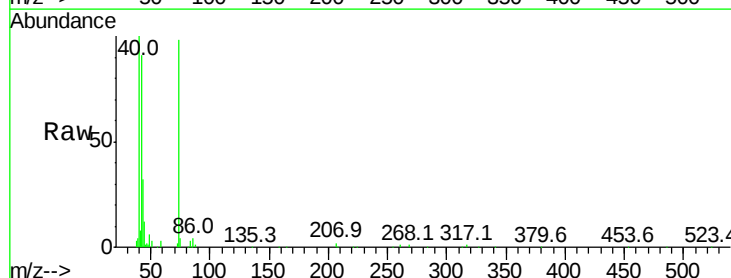
Delta R.T. -0.04 min

Lab File: BG024018.D

Acq: 17 Sep 2016 6:52

Tgt Ion: 42 Resp: 78931

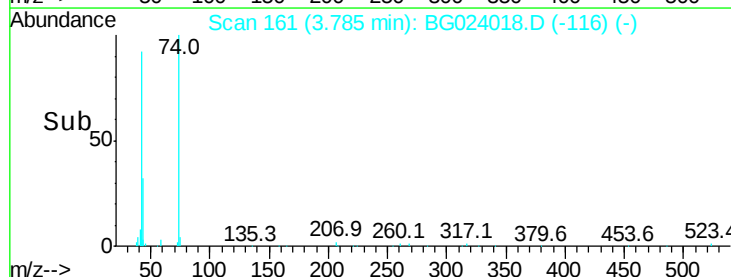
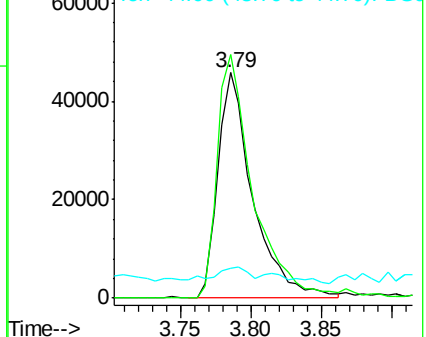
Ion	Ratio	Lower	Upper
42	100		
74	108.0	100.6	150.8
44	13.2	4.5	6.7

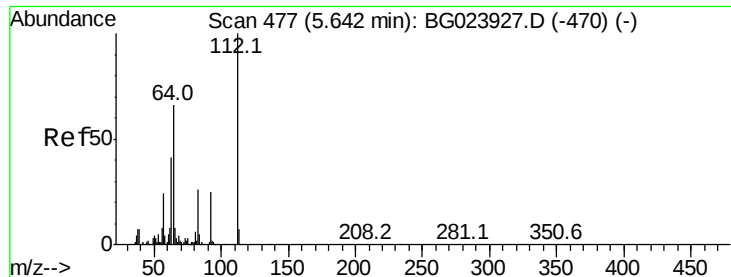


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 79.71 ng

RT: 5.61 min Scan# 471

Delta R.T. -0.04 min

Lab File: BG024018.D

Acq: 17 Sep 2016 6:52

Instrument :

BNA_G

ClientSampleId :

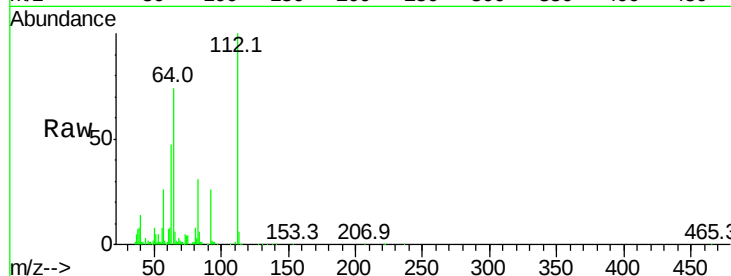
Tot Ion:112 Resp: 213224

Ion Ratio Lower Upper

112 100

64 74.0 59.0 88.4

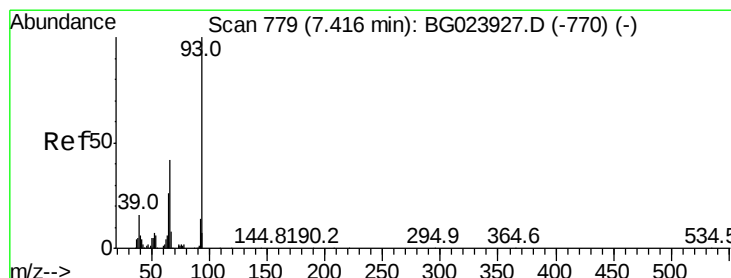
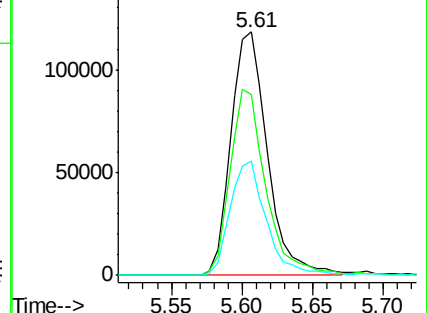
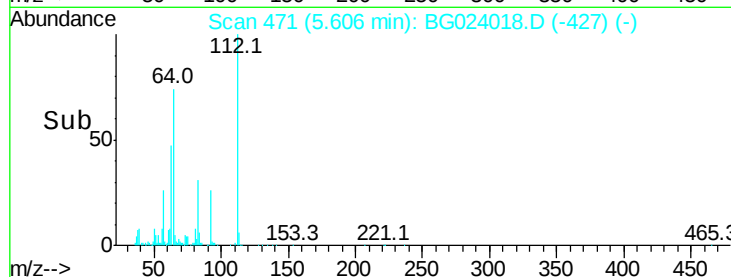
63 47.2 37.8 56.8



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: 42.00 ng

RT: 7.38 min Scan# 773

Delta R.T. -0.05 min

Lab File: BG024018.D

Acq: 17 Sep 2016 6:52

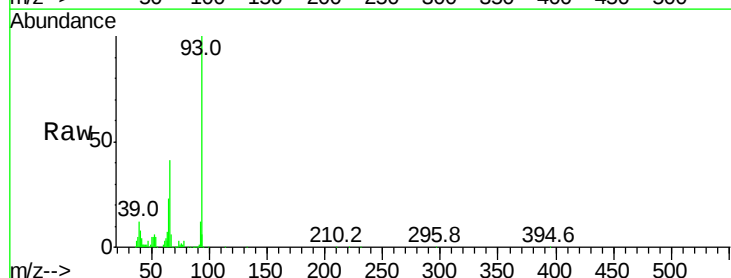
Tgt Ion: 93 Resp: 229536

Ion Ratio Lower Upper

93 100

66 40.6 37.5 56.3

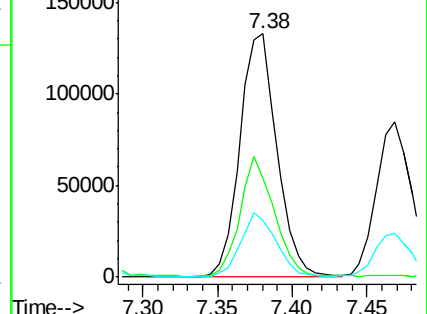
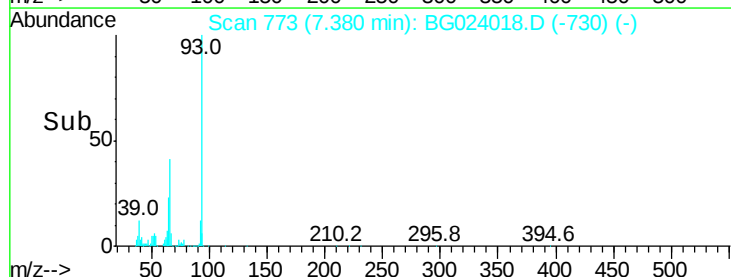
65 23.2 17.9 26.9

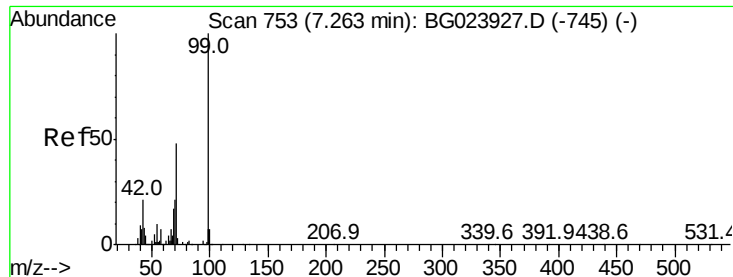


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 84.16 ng

RT: 7.22 min Scan# 746

Delta R.T. -0.05 min

Lab File: BG024018.D

Acq: 17 Sep 2016 6:52

Instrument :

BNA_G

ClientSampleId :

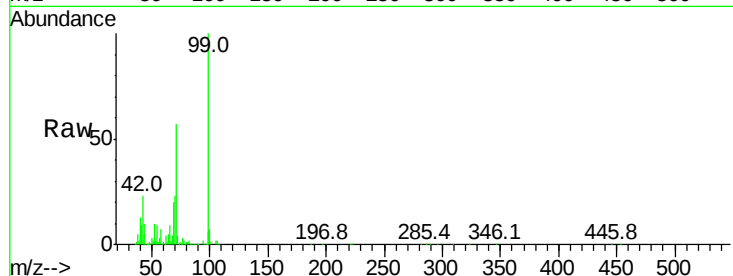
Tot Ion: 99 Resp: 346525

Ion Ratio Lower Upper

99 100

42 23.3 17.8 26.6

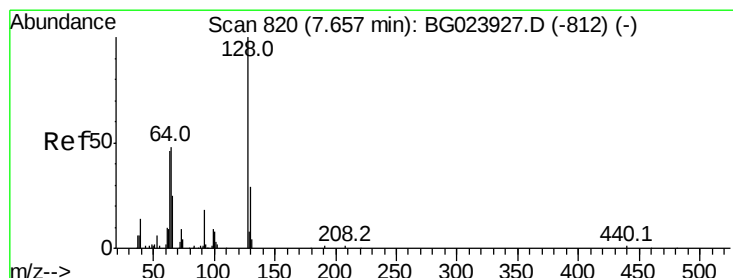
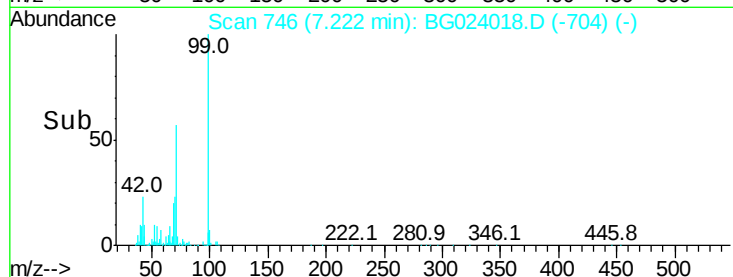
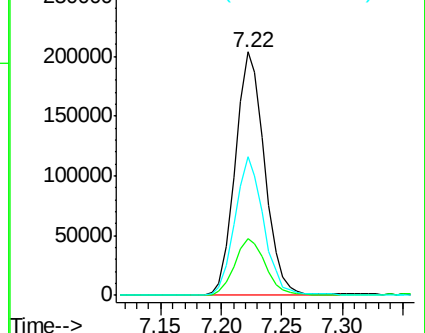
71 57.0 41.5 62.3



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: 39.01 ng

RT: 7.62 min Scan# 814

Delta R.T. -0.05 min

Lab File: BG024018.D

Acq: 17 Sep 2016 6:52

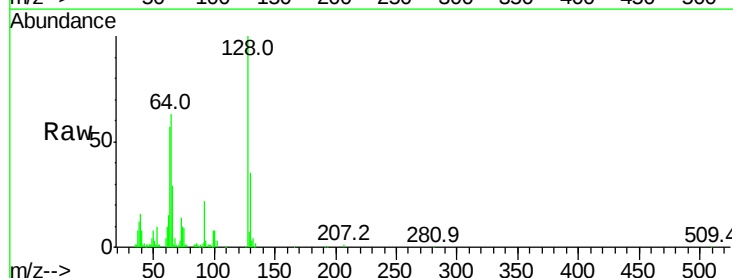
Tgt Ion: 128 Resp: 120880

Ion Ratio Lower Upper

128 100

130 34.6 12.9 52.9

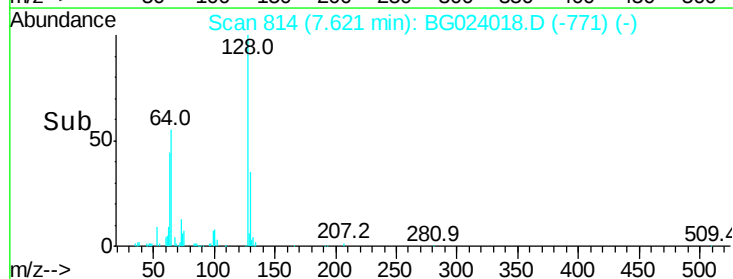
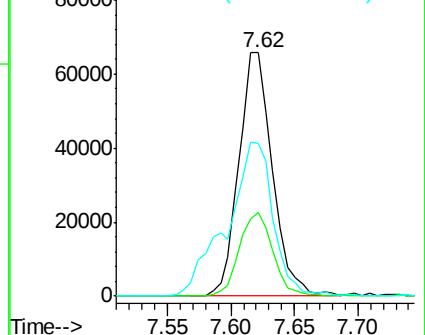
64 62.8 42.0 82.0

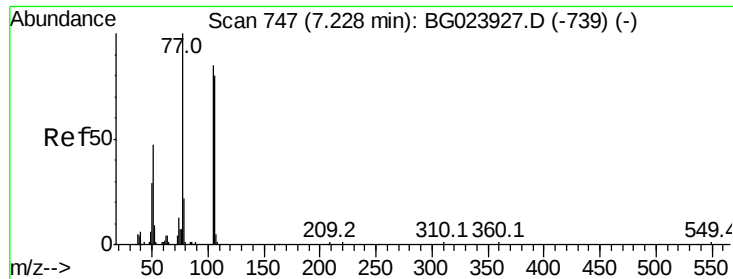


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 39.41 ng

RT: 7.19 min Scan# 741

Delta R.T. -0.05 min

Lab File: BG024018.D

Acq: 17 Sep 2016 6:52

Instrument :

BNA_G

ClientSampleId :

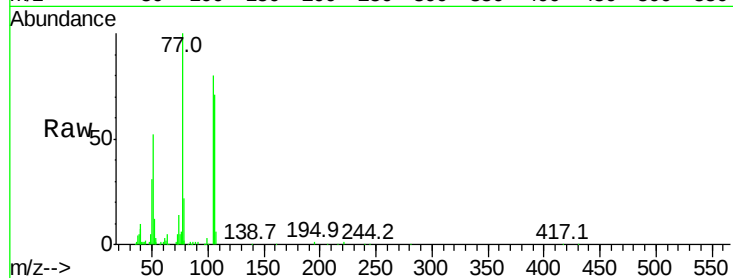
Tot Ion: 77 Resp: 115291

Ion Ratio Lower Upper

77 100

105 79.6 58.7 98.7

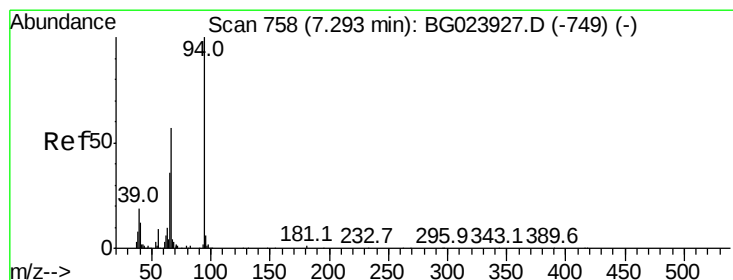
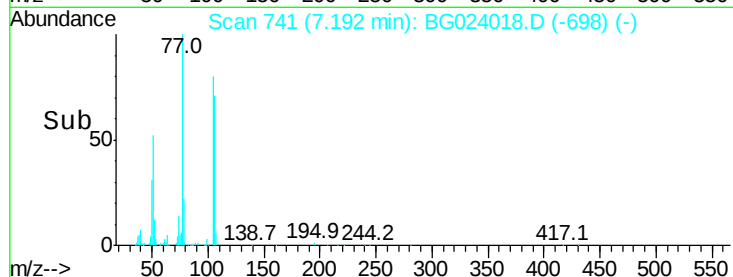
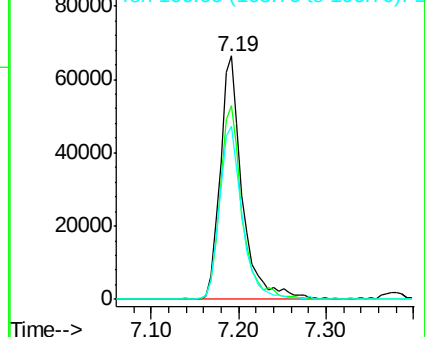
106 71.2 67.5 107.5



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: 40.83 ng

RT: 7.25 min Scan# 751

Delta R.T. -0.05 min

Lab File: BG024018.D

Acq: 17 Sep 2016 6:52

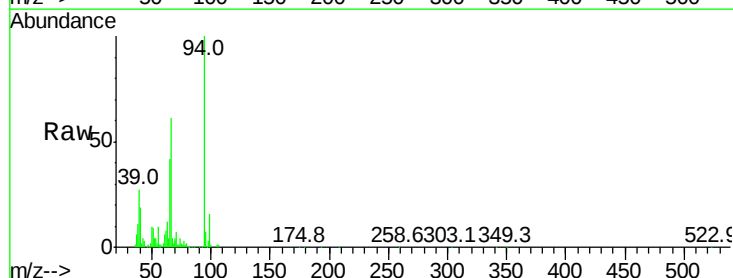
Tgt Ion: 94 Resp: 176877

Ion Ratio Lower Upper

94 100

65 42.4 18.1 58.1

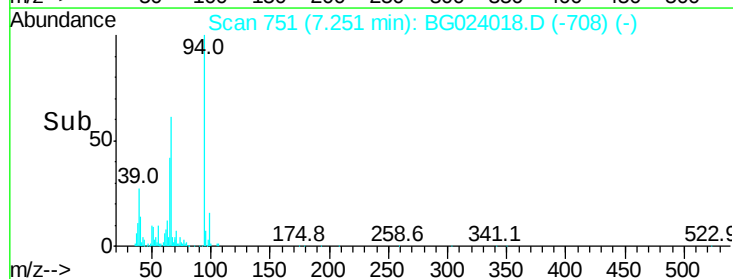
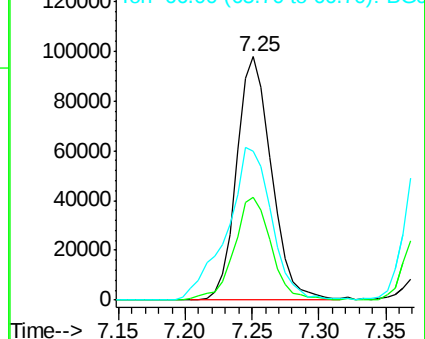
66 61.4 42.1 82.1

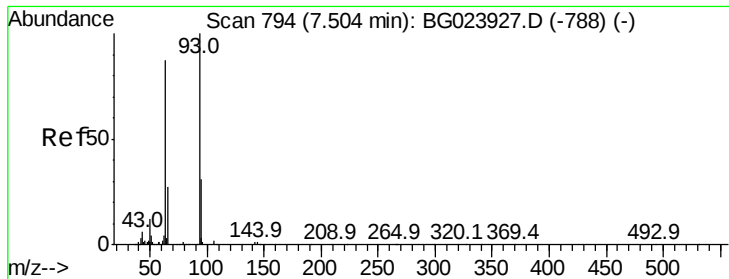


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

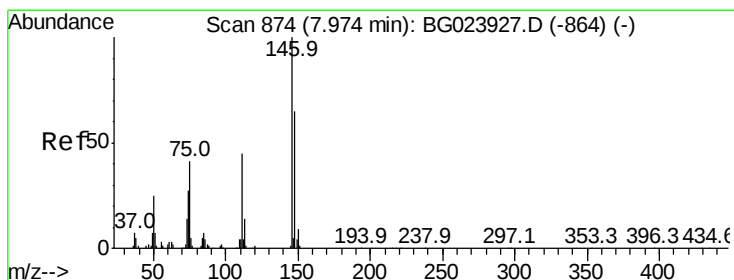
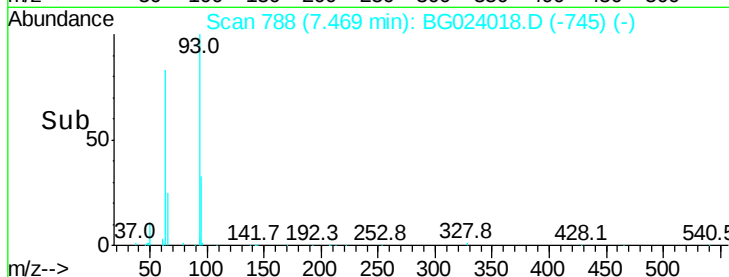
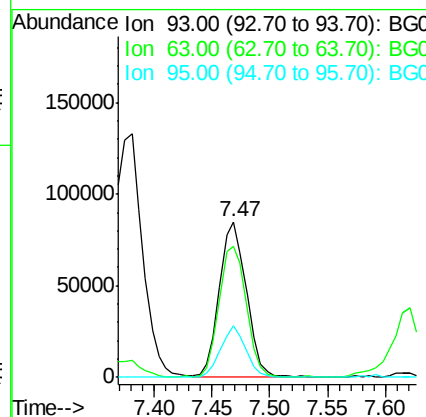
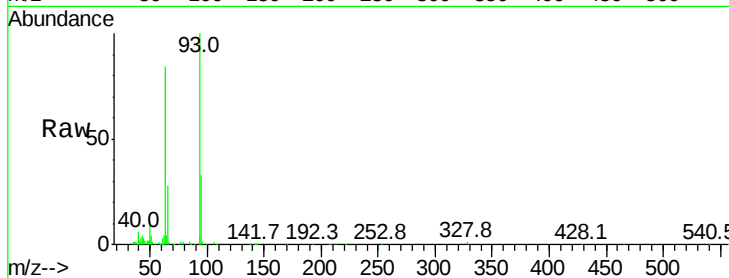




#11
bis(2-Chloroethyl)ether
Concen: 40.76 ng
RT: 7.47 min Scan# 788
Delta R.T. -0.05 min
Lab File: BG024018.D
Acq: 17 Sep 2016 6:52

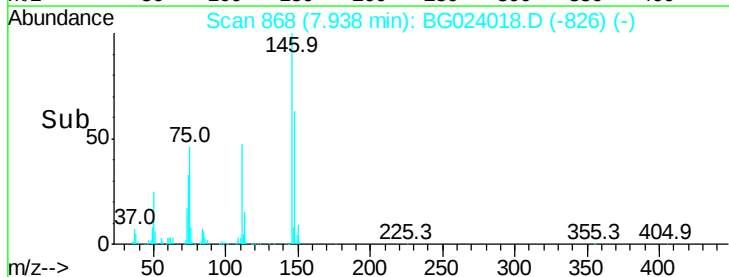
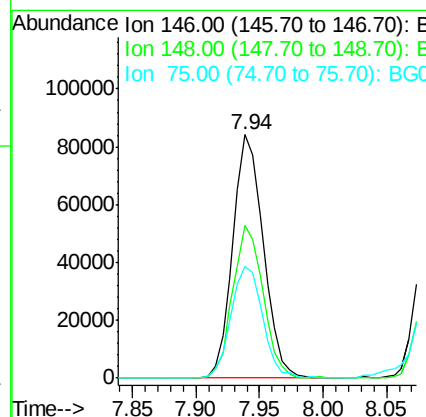
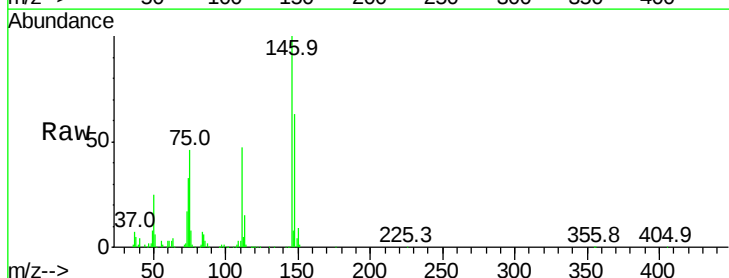
Instrument :
BNA_G
ClientSampleId :

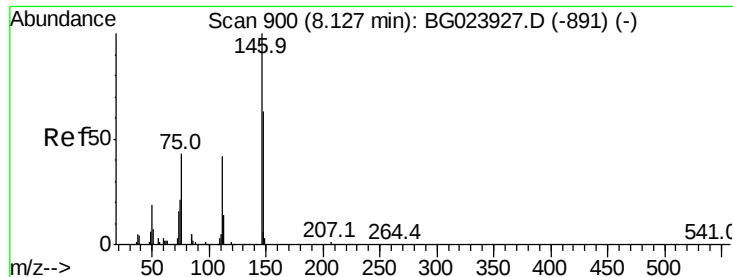
Tot Ion	Ratio	Lower	Upper
93	100		
63	83.7	55.0	95.0
95	33.5	11.0	51.0



#12
1,3-Dichlorobenzene
Concen: 38.67 ng
RT: 7.94 min Scan# 868
Delta R.T. -0.05 min
Lab File: BG024018.D
Acq: 17 Sep 2016 6:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	50.3	75.5
75	45.8	37.0	55.6





#13

1,4-Dichlorobenzene

Concen: 36.66 ng

RT: 8.09 min Scan# 893

Delta R.T. -0.05 min

Lab File: BG024018.D

Acq: 17 Sep 2016 6:52

Instrument :

BNA_G

ClientSampled :

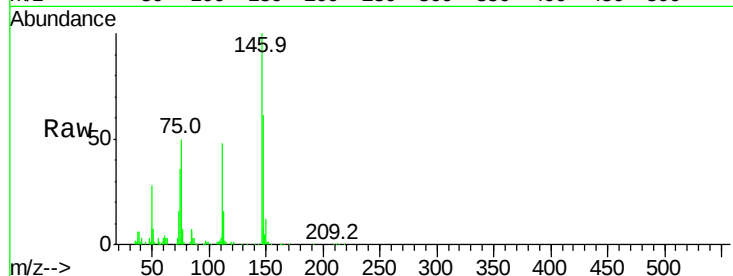
Tot Ion:146 Resp: 140852

Ion Ratio Lower Upper

146 100

148 61.2 54.5 81.7

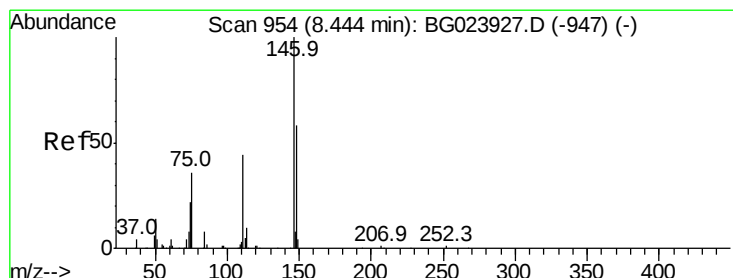
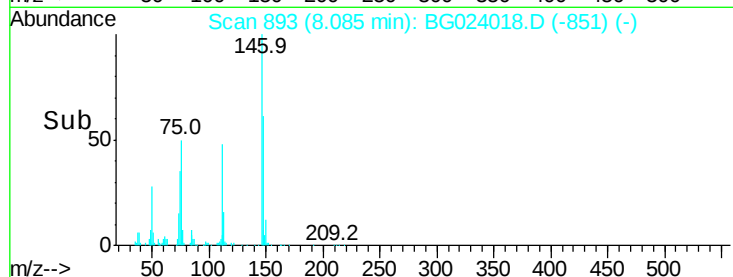
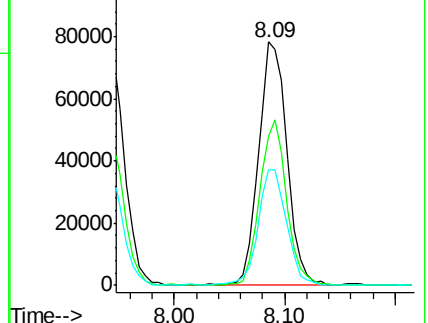
111 47.5 37.8 56.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.20 ng

RT: 8.41 min Scan# 948

Delta R.T. -0.05 min

Lab File: BG024018.D

Acq: 17 Sep 2016 6:52

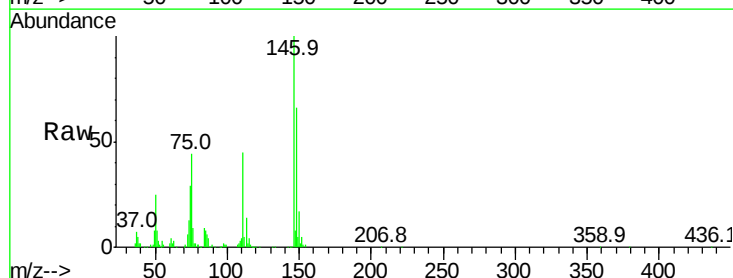
Tgt Ion:146 Resp: 141369

Ion Ratio Lower Upper

146 100

148 66.1 52.9 79.3

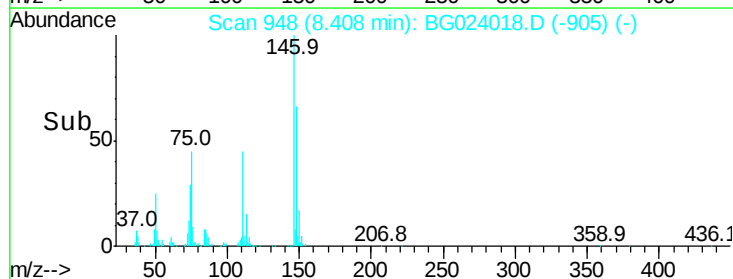
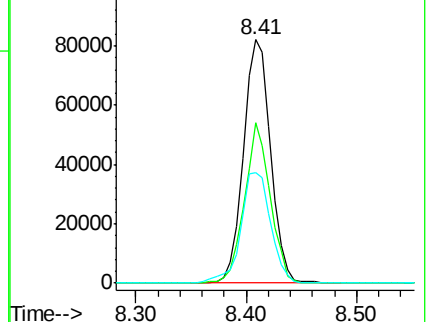
111 45.4 43.5 65.3

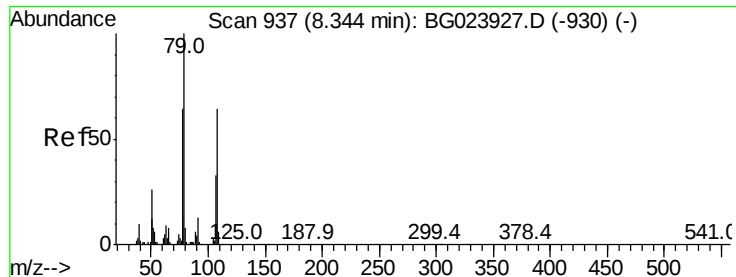


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 45.41 ng

RT: 8.30 min Scan# 930

Delta R.T. -0.05 min

Lab File: BG024018.D

Acq: 17 Sep 2016 6:52

Instrument :

BNA_G

ClientSampleId :

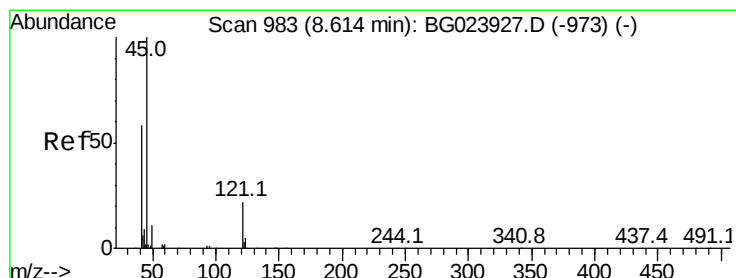
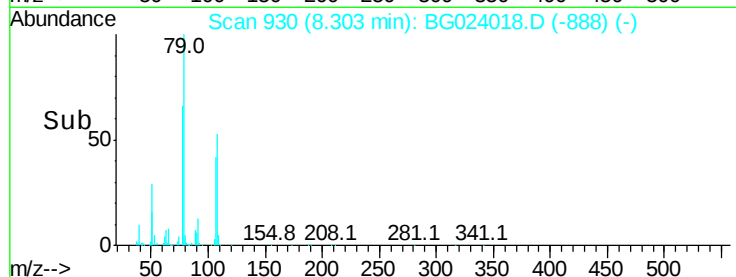
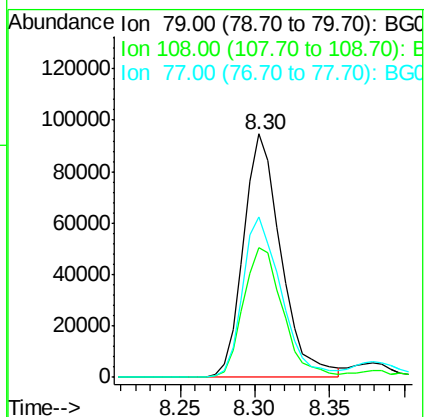
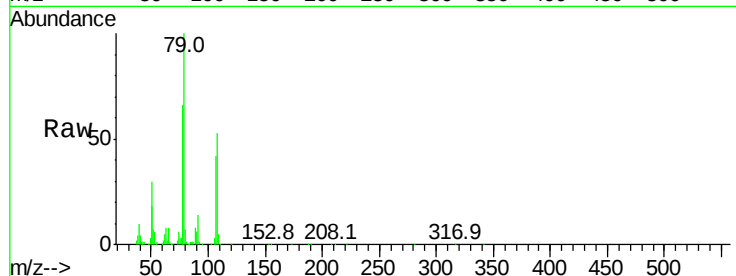
Tot Ion: 79 Resp: 164838

Ion Ratio Lower Upper

79 100

108 53.2 46.5 69.7

77 66.0 52.3 78.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.71 ng

RT: 8.58 min Scan# 978

Delta R.T. -0.05 min

Lab File: BG024018.D

Acq: 17 Sep 2016 6:52

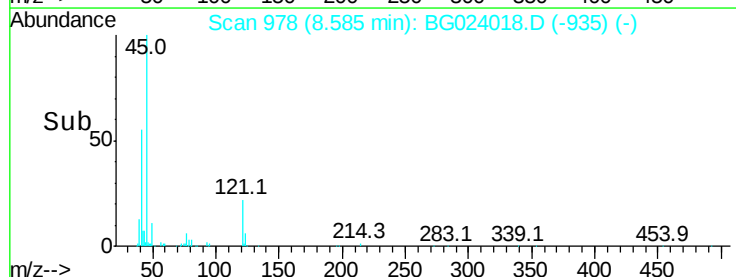
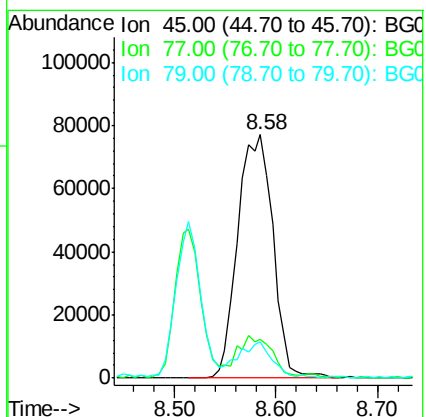
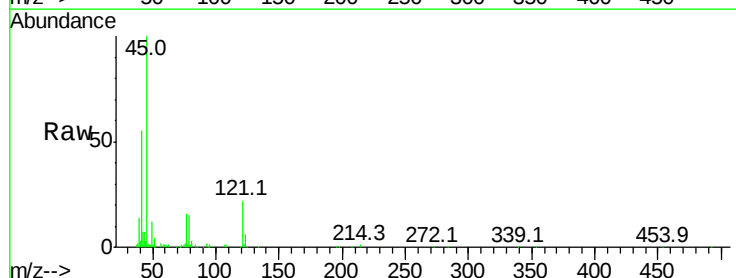
Tgt Ion: 45 Resp: 185971

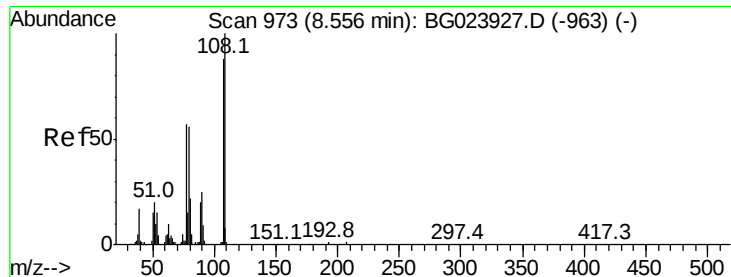
Ion Ratio Lower Upper

45 100

77 16.2 0.6 40.6

79 14.7 0.0 36.2





#17

2-Methylphenol

Concen: 40.13 ng

RT: 8.51 min Scan# 966

Delta R.T. -0.05 min

Lab File: BG024018.D

Acq: 17 Sep 2016 6:52

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 117116

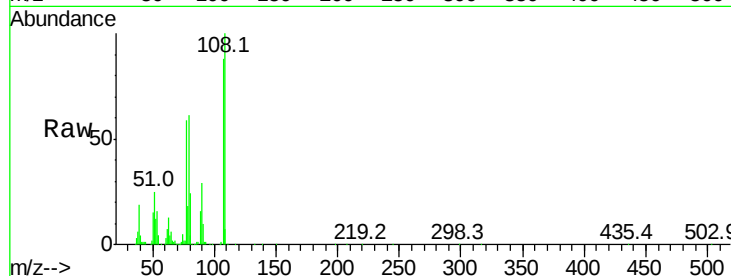
Ion Ratio Lower Upper

107 100

108 113.7 92.0 138.0

77 66.8 55.8 83.6

79 69.7 55.0 82.6

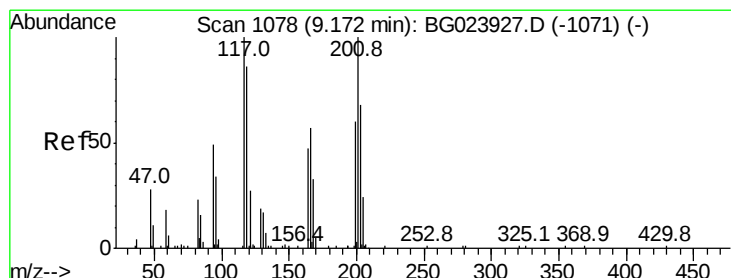
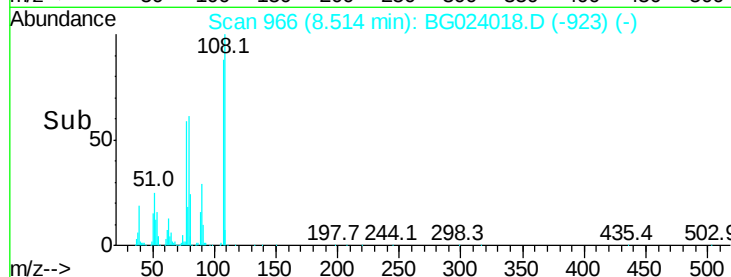
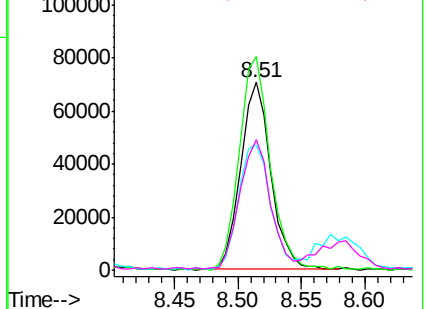


Abundance Ion 107.00 (106.70 to 107.70): E

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: 41.49 ng

RT: 9.14 min Scan# 1072

Delta R.T. -0.05 min

Lab File: BG024018.D

Acq: 17 Sep 2016 6:52

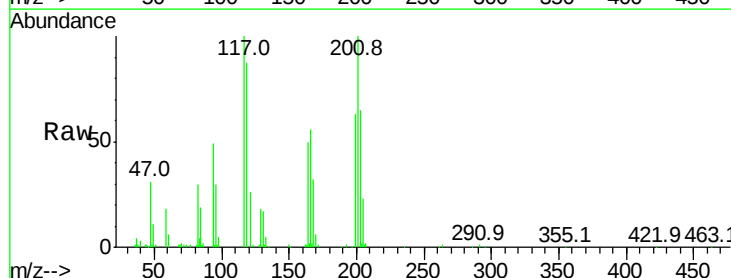
Tgt Ion:117 Resp: 61391

Ion Ratio Lower Upper

117 100

119 87.3 73.7 110.5

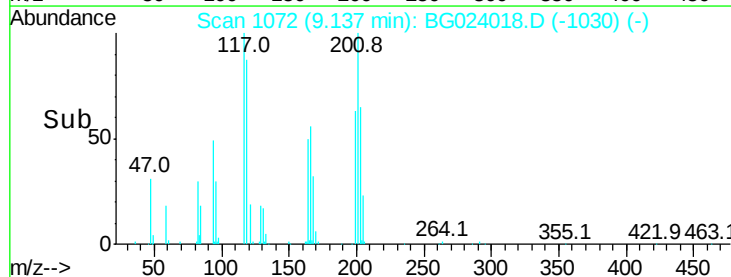
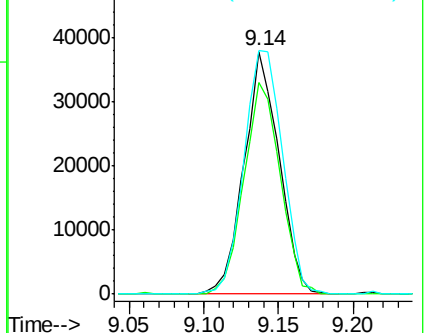
201 100.5 88.7 133.1

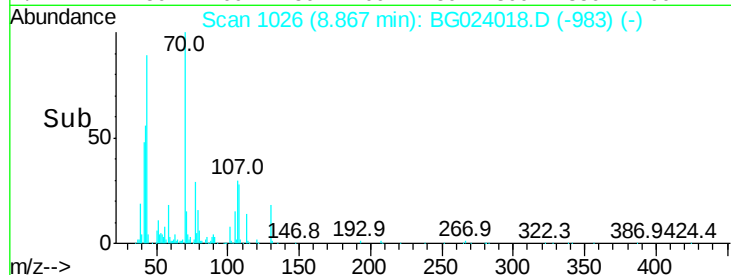
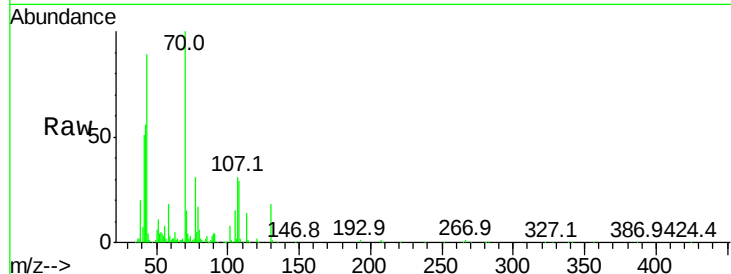
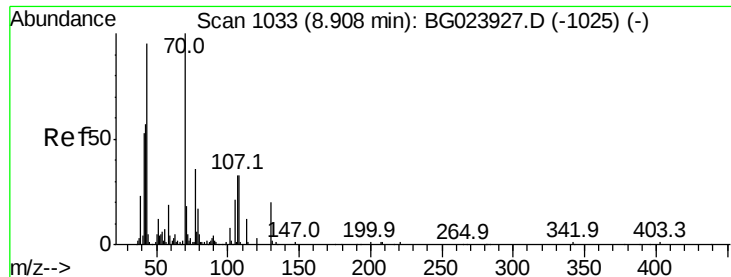


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

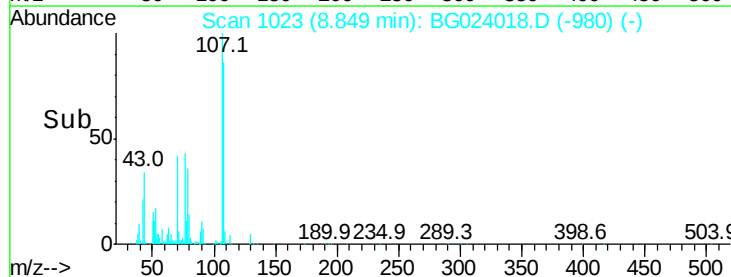
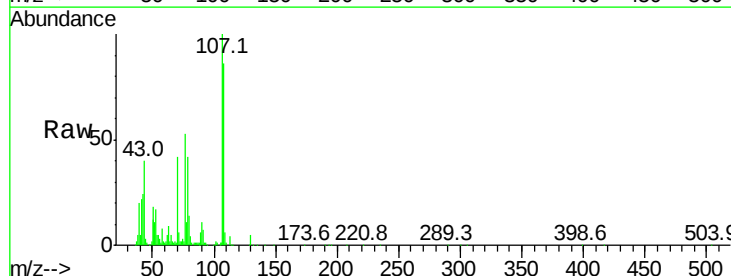
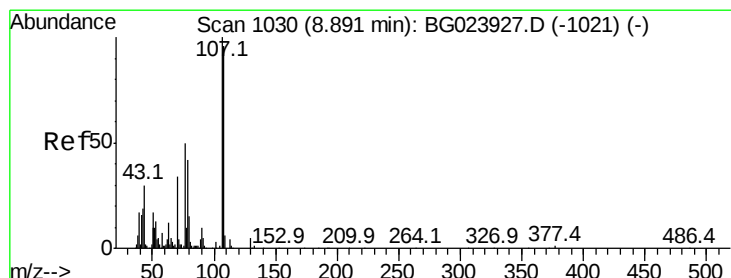
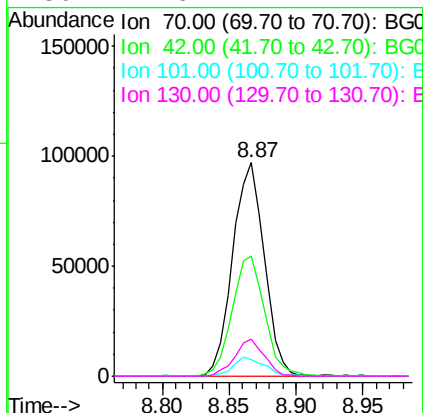




#19
n-Nitroso-di-n-propylamine
Concen: 44.06 ng
RT: 8.87 min Scan# 1026
Delta R.T. -0.05 min
Lab File: BG024018.D
Acq: 17 Sep 2016 6:52

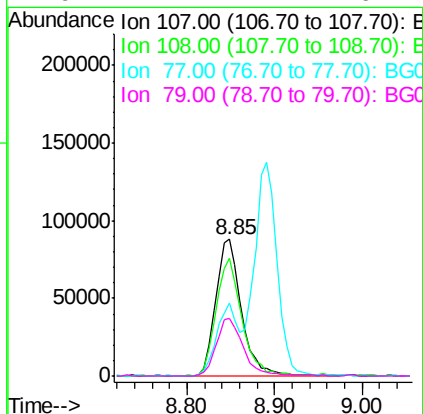
Instrument :
BNA_G
ClientSampleId :

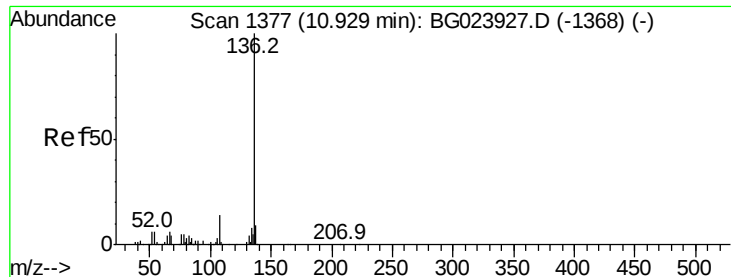
Tot Ion:	70	Resp:	160270
Ion	Ratio	Lower	Upper
70	100		
42	56.1	42.1	63.1
101	7.8	7.2	10.8
130	17.6	14.2	21.2



#20
3+4-Methylphenols
Concen: 44.23 ng
RT: 8.85 min Scan# 1023
Delta R.T. -0.05 min
Lab File: BG024018.D
Acq: 17 Sep 2016 6:52

Tgt Ion:	107	Resp:	179906
Ion	Ratio	Lower	Upper
107	100		
108	86.2	72.5	112.5
77	53.5	30.1	70.1
79	41.7	24.2	64.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.89 min Scan# 1370

Delta R.T. -0.05 min

Lab File: BG024018.D

Acq: 17 Sep 2016 6:52

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 228869

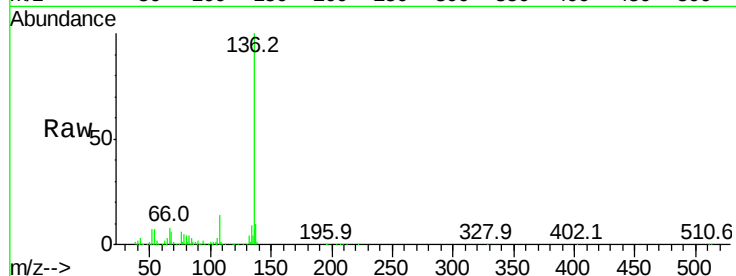
Ion Ratio Lower Upper

136 100

137 10.1 9.6 14.4

54 6.9 7.3 10.9#

68 6.0 5.3 7.9

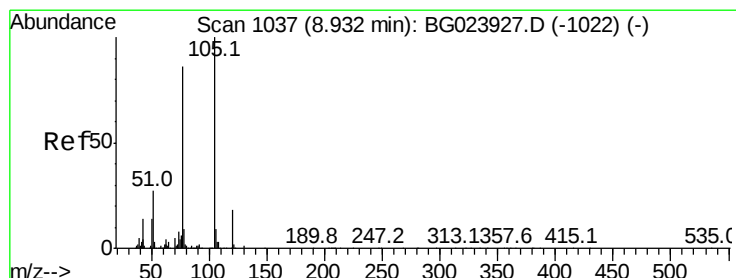
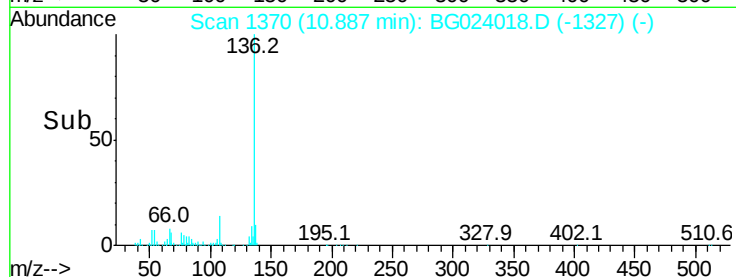
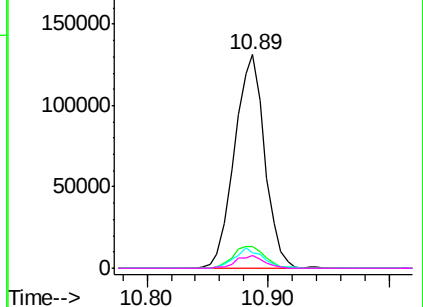


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 41.66 ng

RT: 8.89 min Scan# 1030

Delta R.T. -0.05 min

Lab File: BG024018.D

Acq: 17 Sep 2016 6:52

Tgt Ion:105 Resp: 246861

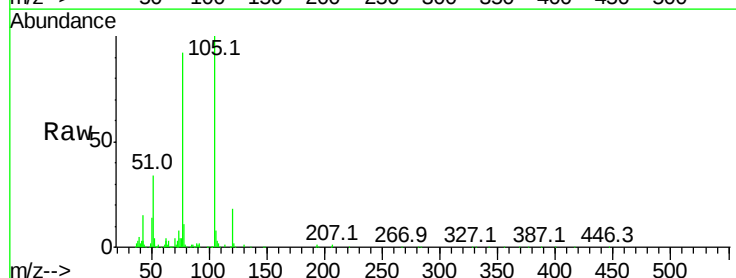
Ion Ratio Lower Upper

105 100

71 0.6 2.6 3.8#

51 34.2 27.1 40.7

120 18.4 15.1 22.7

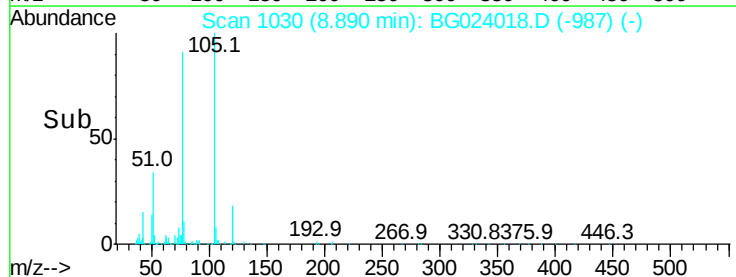
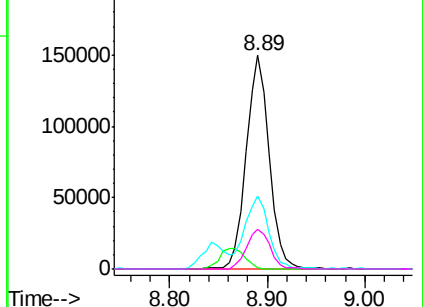


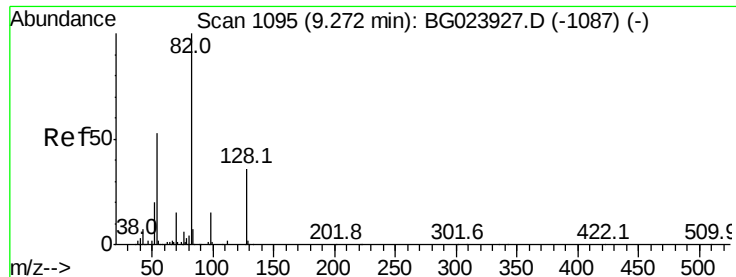
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

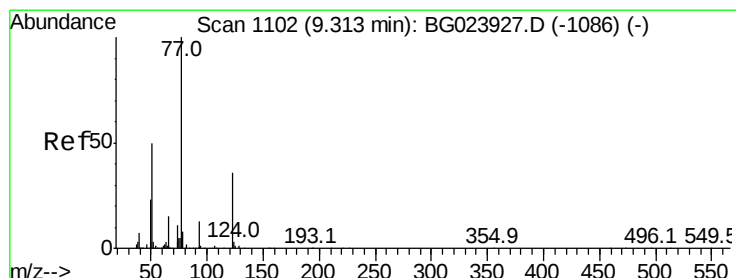
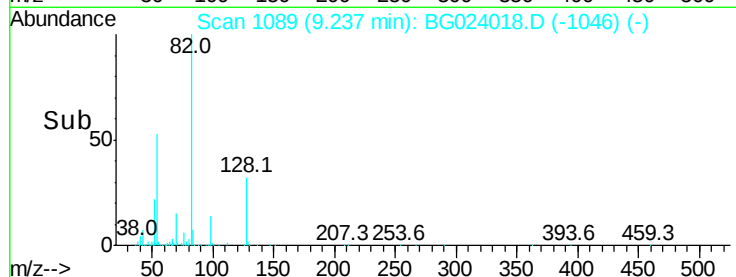
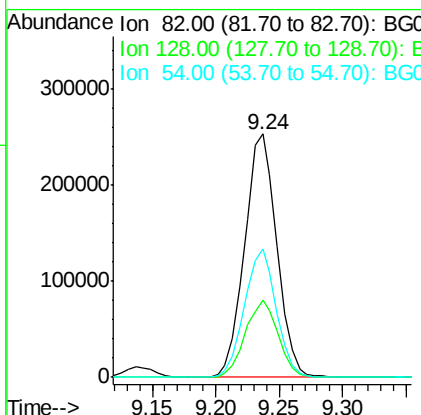
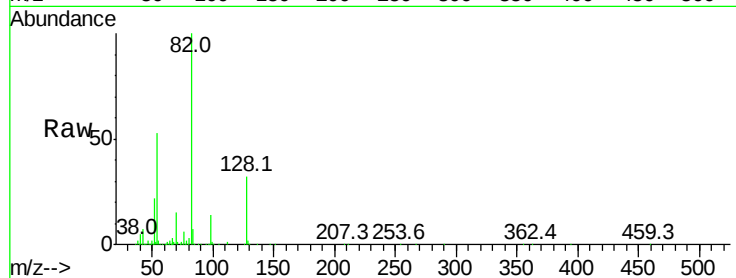




#23
 Nitrobenzene-d5
 Concen: 87.03 ng
 RT: 9.24 min Scan# 1089
 Delta R.T. -0.05 min
 Lab File: BG024018.D
 Acq: 17 Sep 2016 6:52

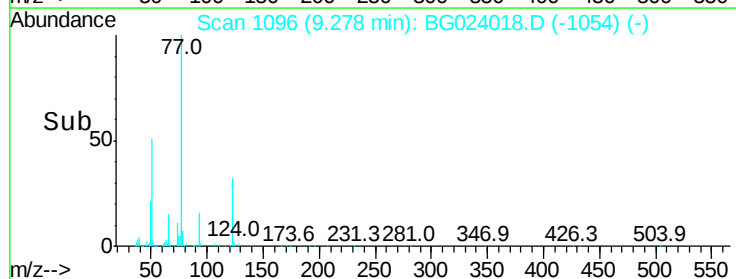
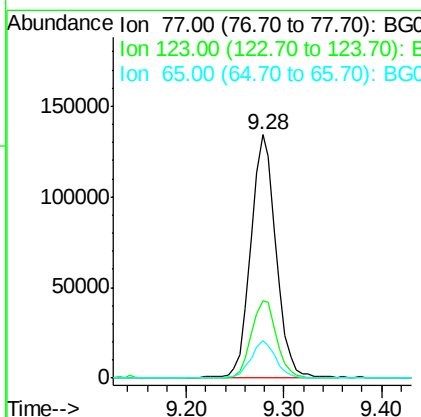
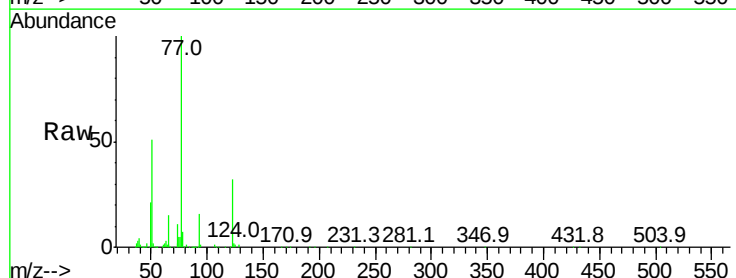
Instrument :
 BNA_G
 ClientSampleId :

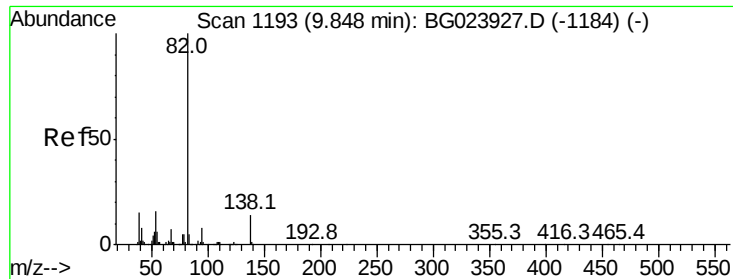
Tot Ion	82	Resp	446148
Ion	Ratio	Lower	Upper
82	100		
128	31.8	24.4	36.6
54	52.6	41.4	62.0



#24
 Nitrobenzene
 Concen: 43.90 ng
 RT: 9.28 min Scan# 1096
 Delta R.T. -0.05 min
 Lab File: BG024018.D
 Acq: 17 Sep 2016 6:52

Tgt Ion	77	Resp	241984
Ion	Ratio	Lower	Upper
77	100		
123	31.9	25.0	37.6
65	15.4	13.4	20.0





#25

Isophorone

Concen: 43.11 ng

RT: 9.80 min Scan# 1185

Delta R.T. -0.05 min

Lab File: BG024018.D

Acq: 17 Sep 2016 6:52

Instrument :

BNA_G

ClientSampleId :

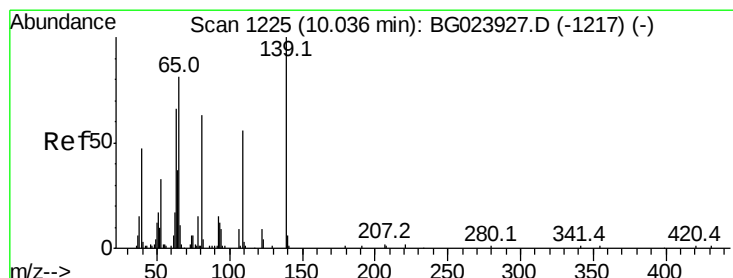
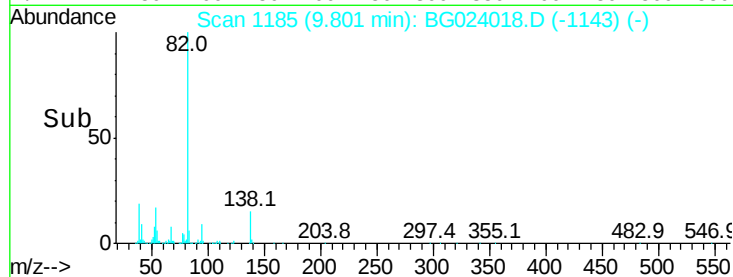
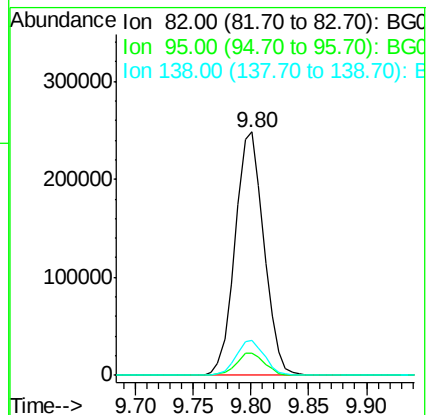
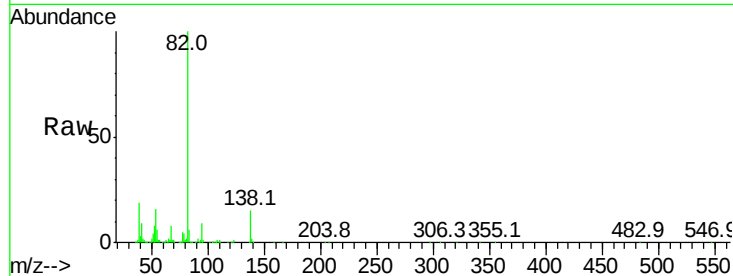
Tot Ion: 82 Resp: 428541

Ion Ratio Lower Upper

82 100

95 9.3 8.2 12.2

138 14.6 10.7 16.1



#26

2-Nitrophenol

Concen: 42.10 ng

RT: 9.99 min Scan# 1218

Delta R.T. -0.05 min

Lab File: BG024018.D

Acq: 17 Sep 2016 6:52

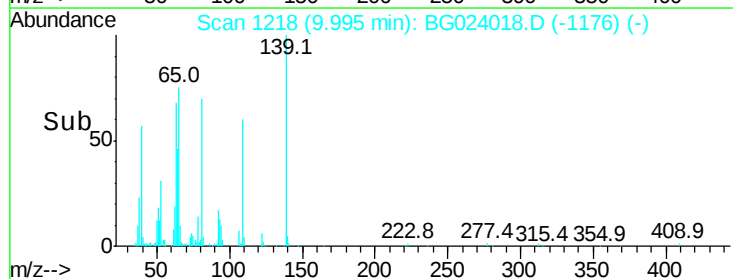
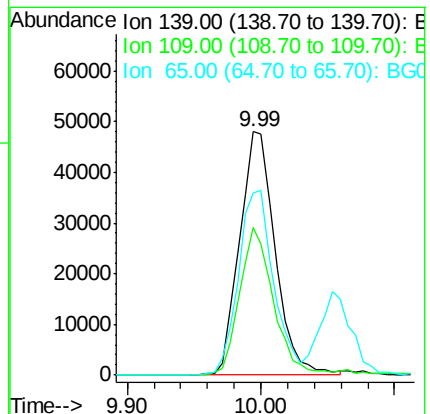
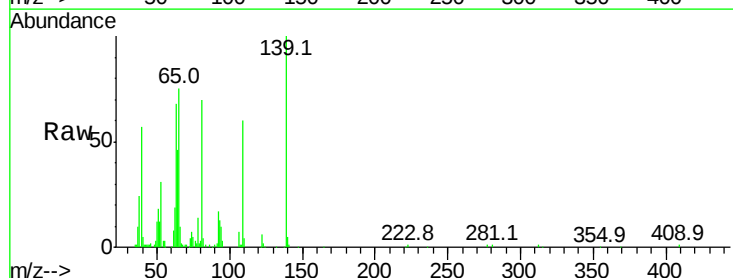
Tgt Ion: 139 Resp: 88223

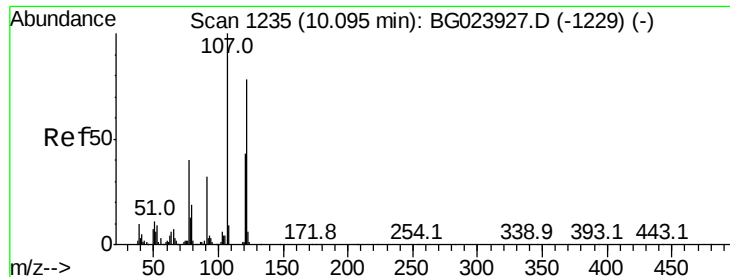
Ion Ratio Lower Upper

139 100

109 60.5 43.5 65.3

65 74.7 64.3 96.5

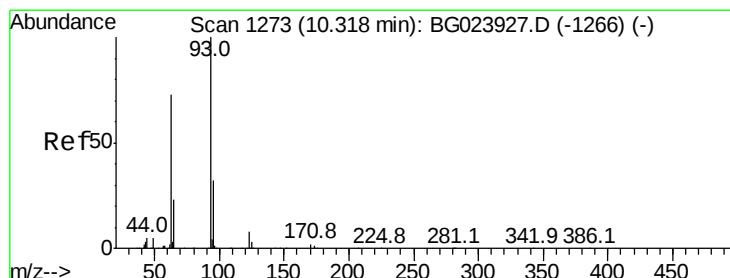
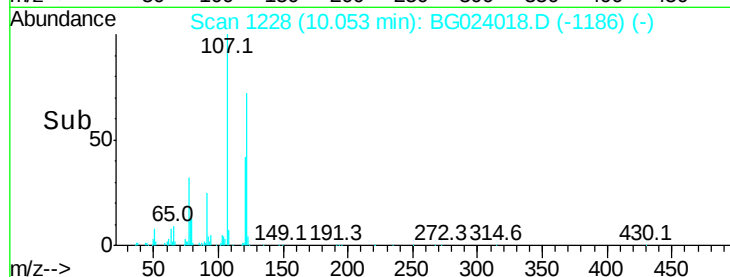
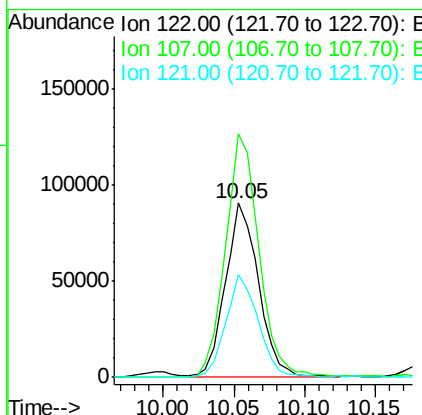
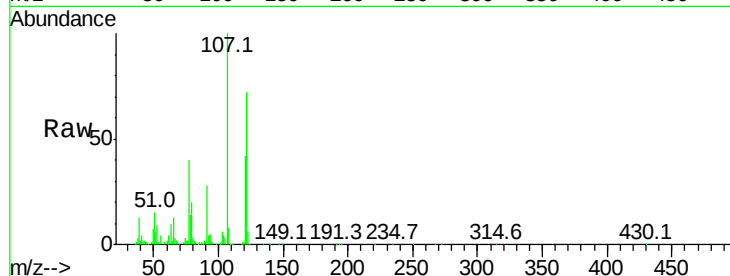




#27
 2,4-Dimethylphenol
 Concen: 41.21 ng
 RT: 10.05 min Scan# 1228
 Delta R.T. -0.05 min
 Lab File: BG024018.D
 Acq: 17 Sep 2016 6:52

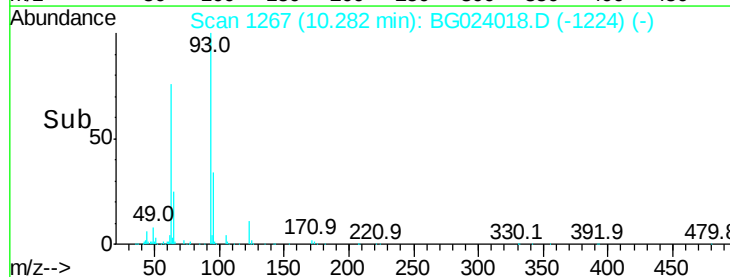
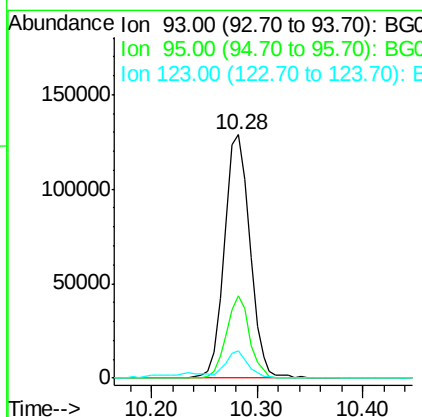
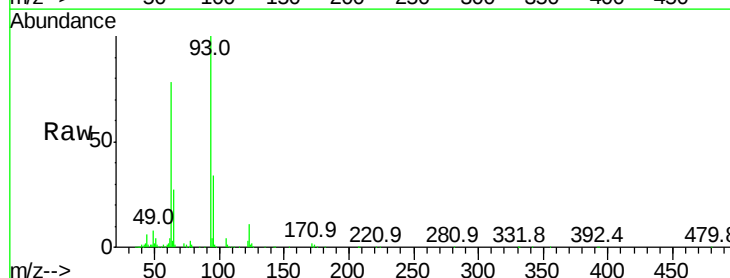
Instrument :
 BNA_G
 ClientSampleId :

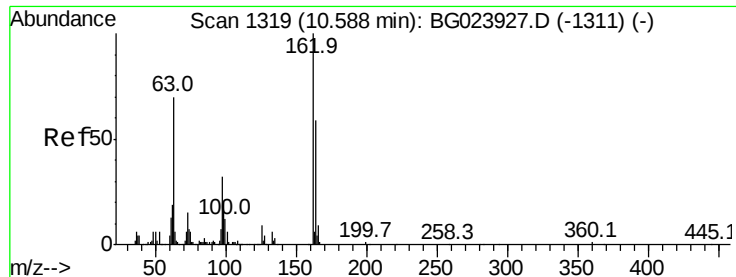
Tot Ion:122 Resp: 146779
 Ion Ratio Lower Upper
 122 100
 107 139.7 117.0 175.4
 121 58.8 50.1 75.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.05 ng
 RT: 10.28 min Scan# 1267
 Delta R.T. -0.05 min
 Lab File: BG024018.D
 Acq: 17 Sep 2016 6:52

Tgt Ion: 93 Resp: 216100
 Ion Ratio Lower Upper
 93 100
 95 33.6 25.4 38.2
 123 11.0 8.2 12.2





#29

2,4-Dichlorophenol

Concen: 43.23 ng

RT: 10.55 min Scan# 1312

Delta R.T. -0.05 min

Lab File: BG024018.D

Acq: 17 Sep 2016 6:52

Instrument :

BNA_G

ClientSampleId :

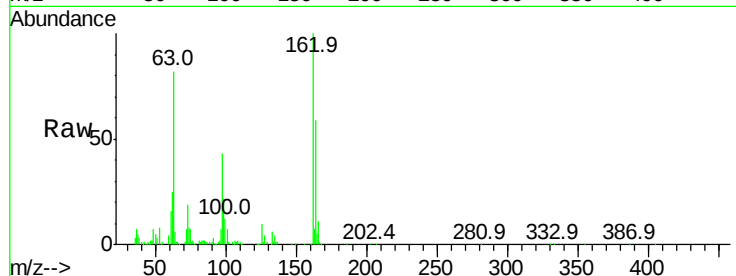
Tot Ion:162 Resp: 163130

Ion Ratio Lower Upper

162 100

164 59.0 44.3 84.3

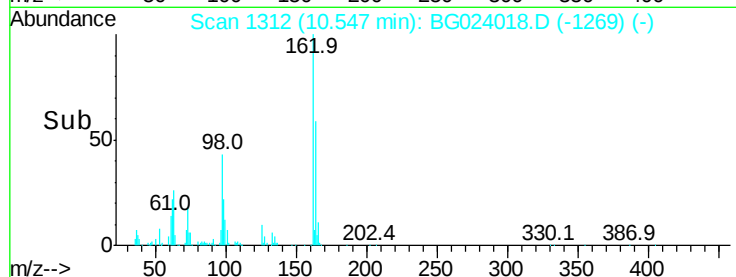
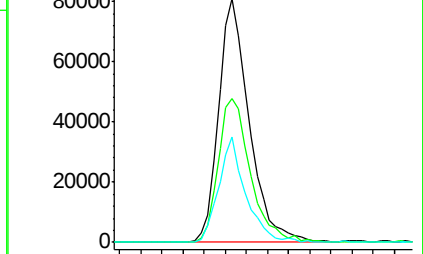
98 43.0 19.5 59.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30

1,2,4-Trichlorobenzene

Concen: 39.12 ng

RT: 10.75 min Scan# 1346

Delta R.T. -0.05 min

Lab File: BG024018.D

Acq: 17 Sep 2016 6:52

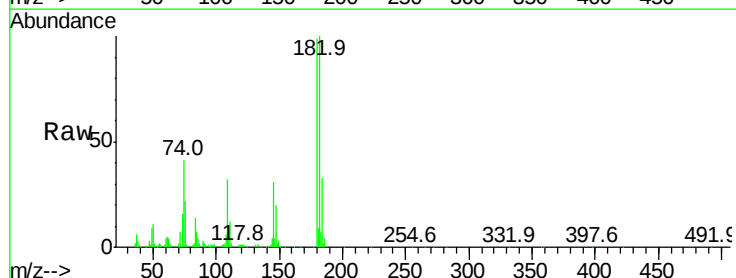
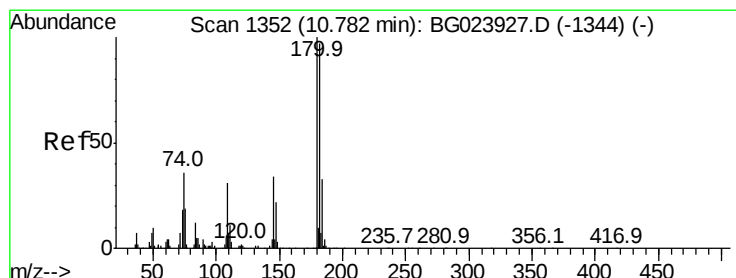
Tgt Ion:180 Resp: 161906

Ion Ratio Lower Upper

180 100

182 101.1 73.8 110.8

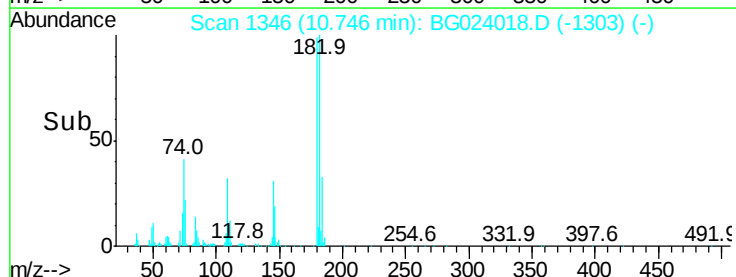
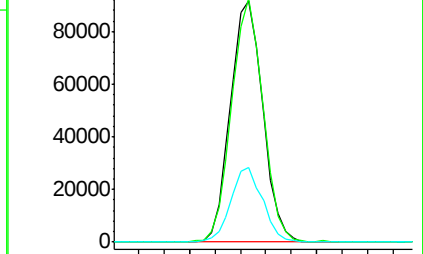
145 31.1 24.4 36.6

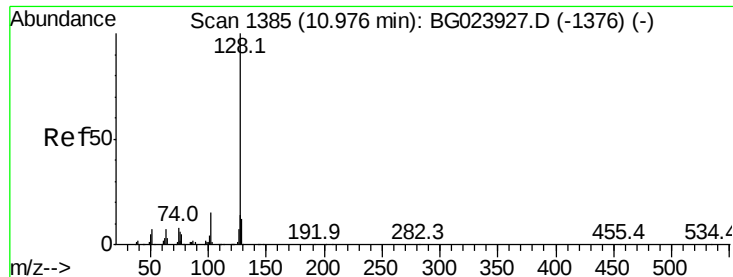


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

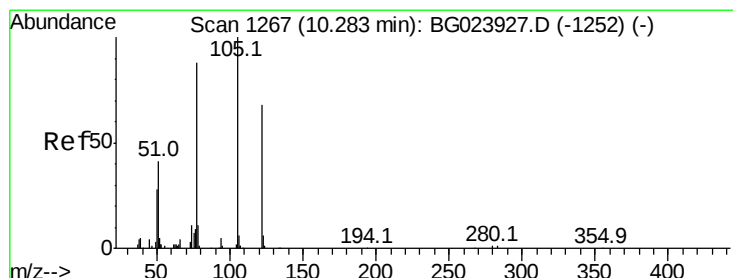
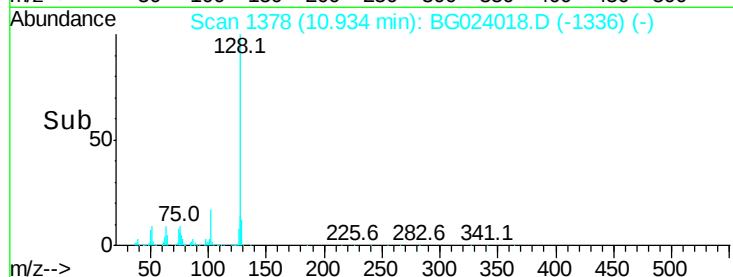
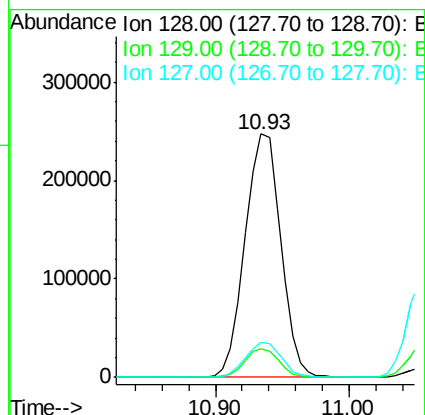
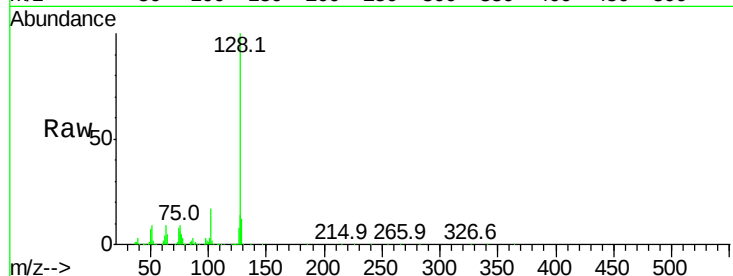




#31
Naphthalene
Concen: 38.89 ng
RT: 10.93 min Scan# 1378
Delta R.T. -0.05 min
Lab File: BG024018.D
Acq: 17 Sep 2016 6:52

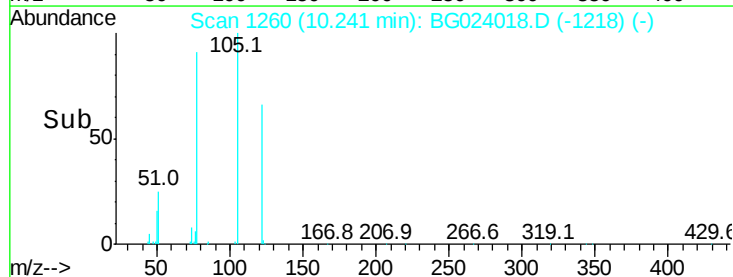
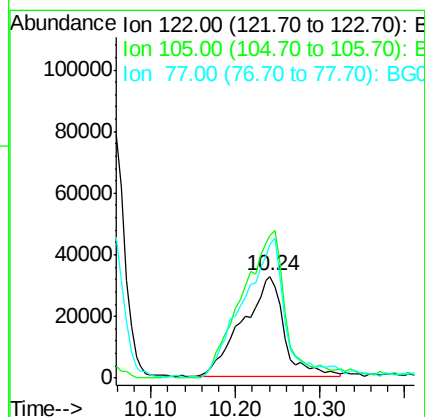
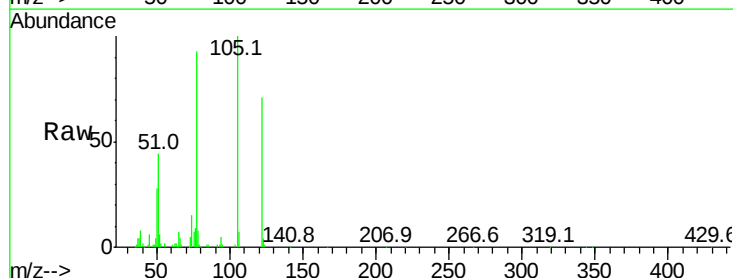
Instrument :
BNA_G
ClientSampleId :

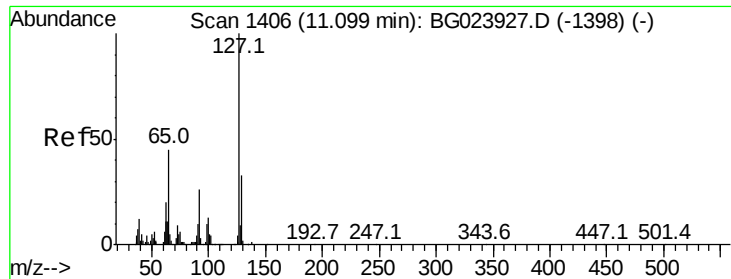
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.4	14.0
127	14.2	11.3	16.9



#32
Benzoic acid
Concen: 38.80 ng
RT: 10.24 min Scan# 1260
Delta R.T. -0.05 min
Lab File: BG024018.D
Acq: 17 Sep 2016 6:52

Tgt Ion	Ratio	Lower	Upper
122	100		
105	139.9	117.2	157.2
77	130.2	109.2	149.2

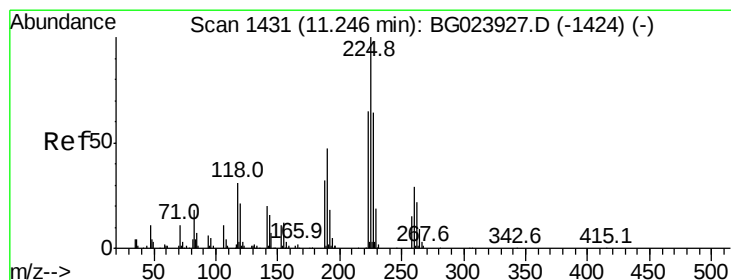
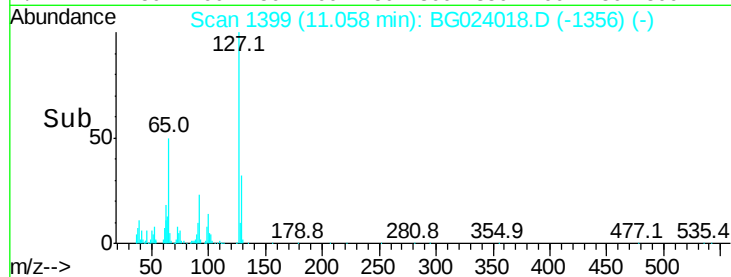
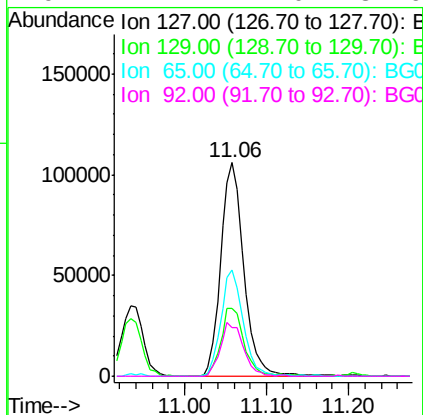
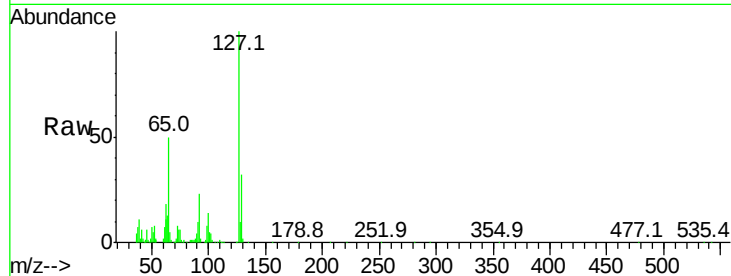




#33
4-Chloroaniline
Concen: 42.26 ng
RT: 11.06 min Scan# 1399
Delta R.T. -0.05 min
Lab File: BG024018.D
Acq: 17 Sep 2016 6:52

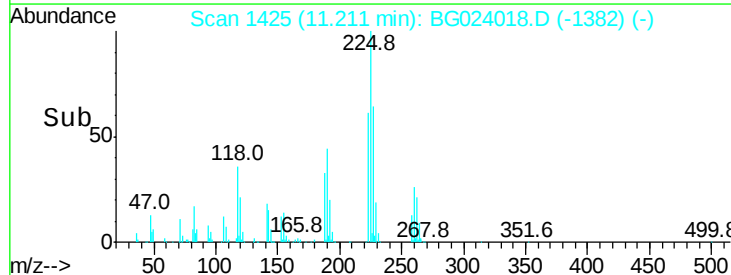
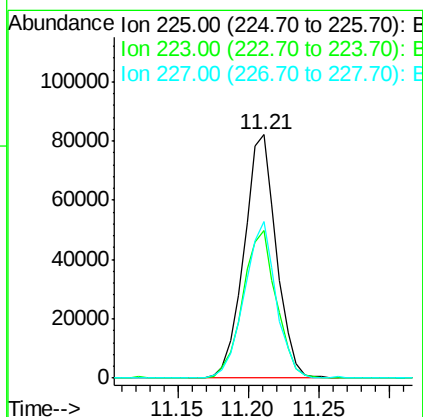
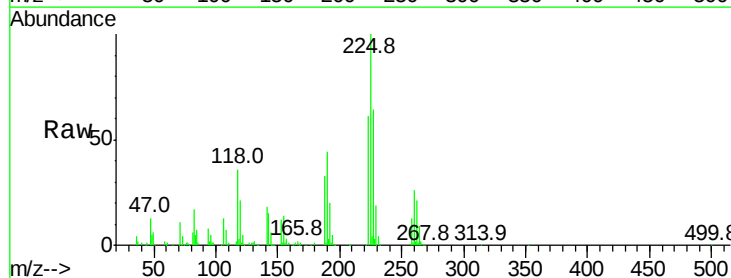
Instrument :
BNA_G
ClientSampleId :

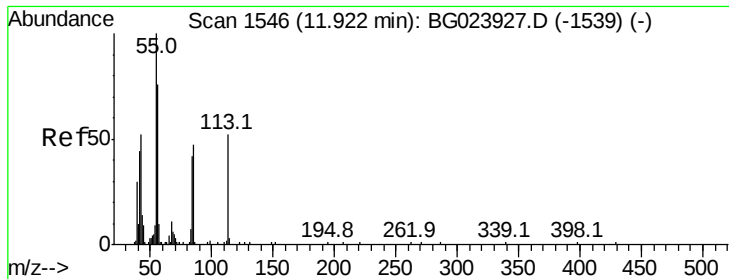
Tot Ion:	127	Resp:	208094
Ion	Ratio	Lower	Upper
127	100		
129	31.8	27.9	41.9
65	50.0	36.8	55.2
92	22.7	21.0	31.6



#34
Hexachlorobutadiene
Concen: 42.21 ng
RT: 11.21 min Scan# 1425
Delta R.T. -0.05 min
Lab File: BG024018.D
Acq: 17 Sep 2016 6:52

Tgt Ion:	225	Resp:	131208
Ion	Ratio	Lower	Upper
225	100		
223	60.8	49.6	74.4
227	64.3	54.5	81.7

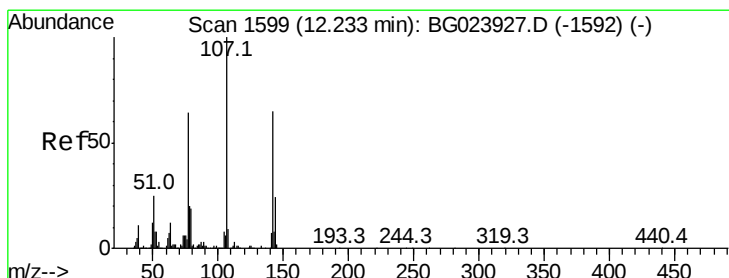
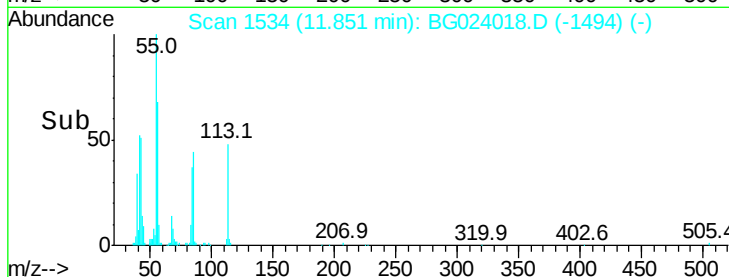
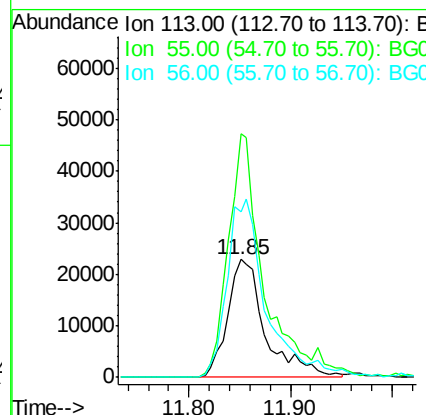
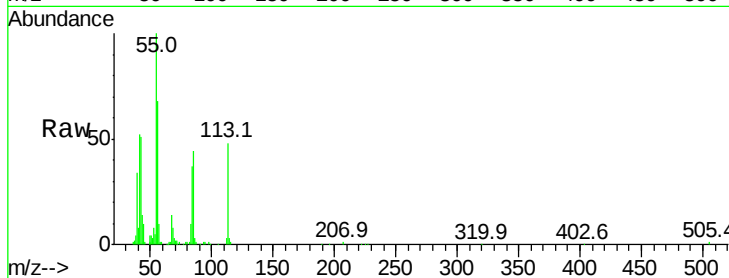




#35
 Caprolactam
 Concen: 44.44 ng
 RT: 11.85 min Scan# 1534
 Delta R.T. -0.07 min
 Lab File: BG024018.D
 Acq: 17 Sep 2016 6:52

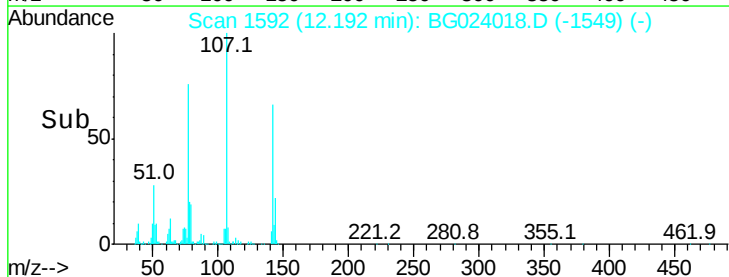
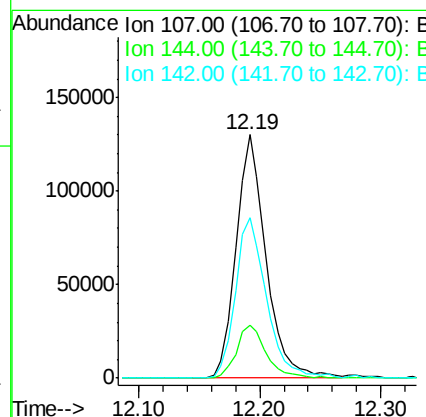
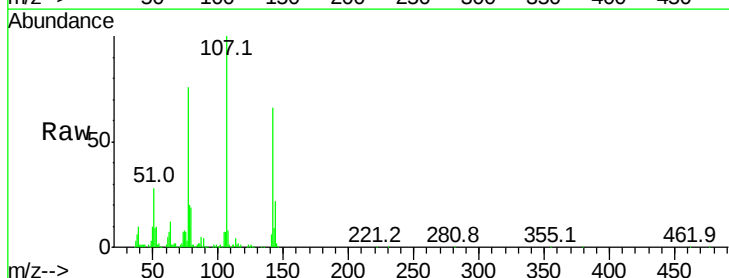
Instrument :
 BNA_G
 ClientSampleId :

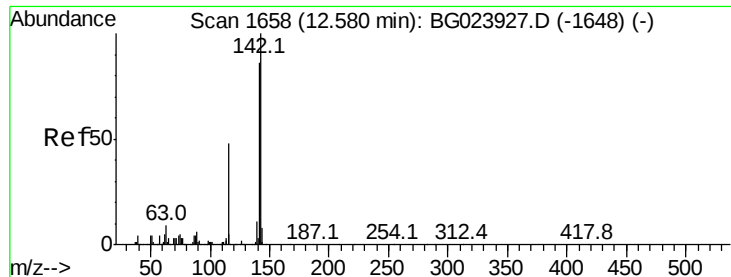
Tot Ion:113 Resp: 59103
 Ion Ratio Lower Upper
 113 100
 55 206.2 154.5 194.5#
 56 140.3 125.1 165.1



#36
 4-Chloro-3-methylphenol
 Concen: 44.51 ng
 RT: 12.19 min Scan# 1592
 Delta R.T. -0.05 min
 Lab File: BG024018.D
 Acq: 17 Sep 2016 6:52

Tgt Ion:107 Resp: 224431
 Ion Ratio Lower Upper
 107 100
 144 21.7 17.0 25.6
 142 65.8 53.0 79.6

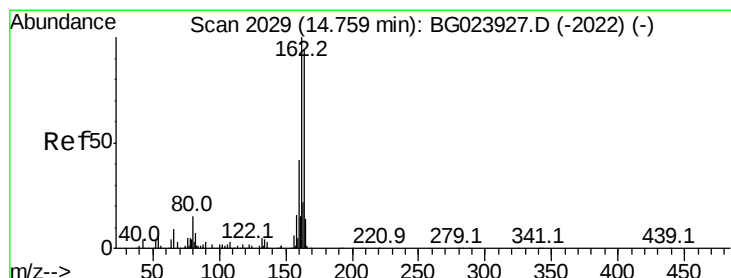
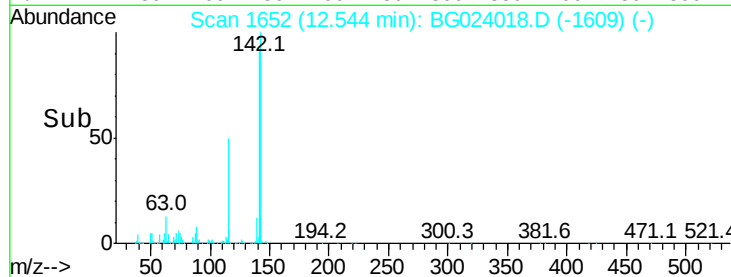
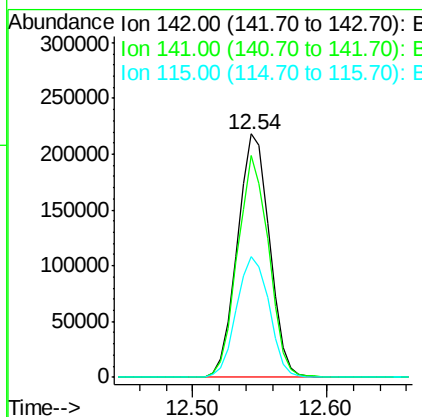
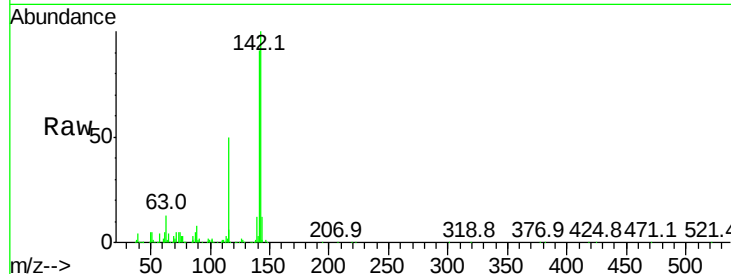




#37
 2-Methylnaphthalene
 Concen: 40.39 ng
 RT: 12.54 min Scan# 1652
 Delta R.T. -0.05 min
 Lab File: BG024018.D
 Acq: 17 Sep 2016 6:52

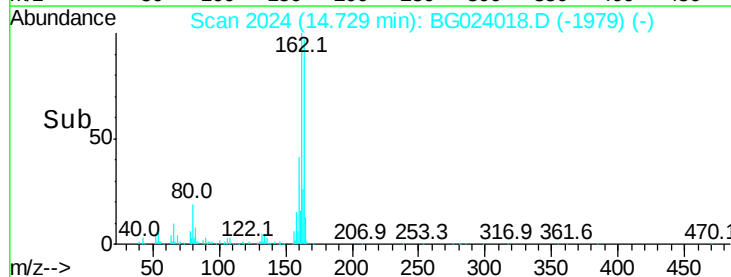
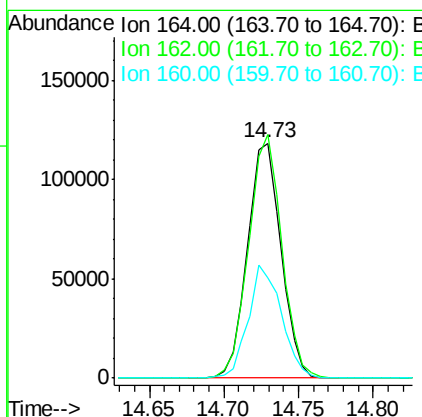
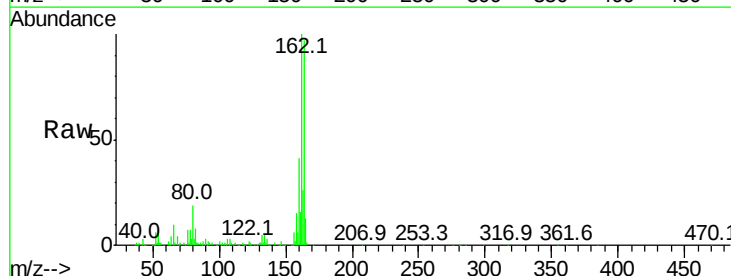
Instrument :
 BNA_G
 ClientSampled :

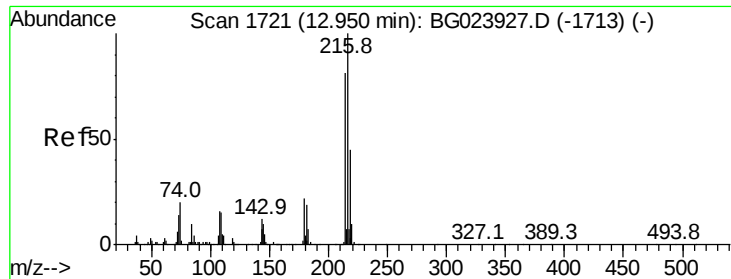
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.1	70.2	105.2
115	49.7	41.7	62.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.73 min Scan# 2024
 Delta R.T. -0.04 min
 Lab File: BG024018.D
 Acq: 17 Sep 2016 6:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.6	87.7	131.5
160	42.9	37.2	55.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.10 ng

RT: 12.91 min Scan# 1715

Delta R.T. -0.04 min

Lab File: BG024018.D

Acq: 17 Sep 2016 6:52

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 243858

Ion	Ratio	Lower	Upper
216	100		
214	79.3	62.9	94.3
179	22.2	17.2	25.8
108	20.1	16.3	24.5

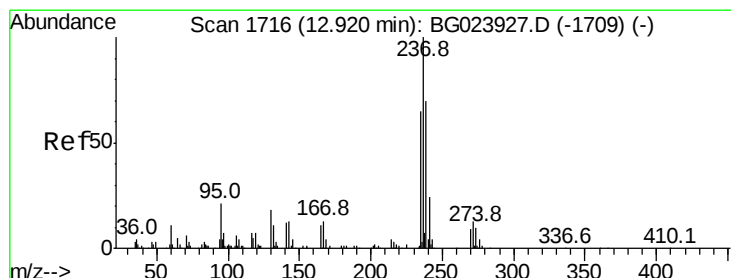
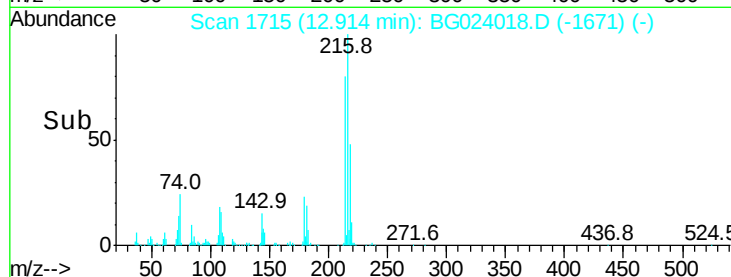
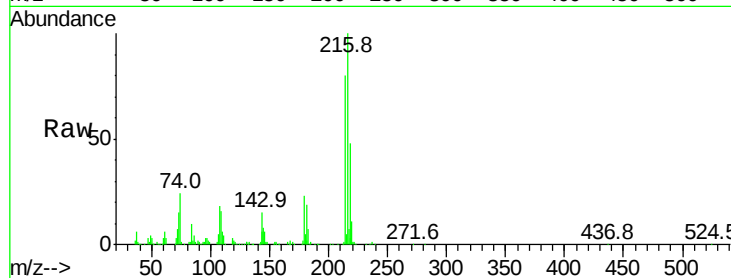
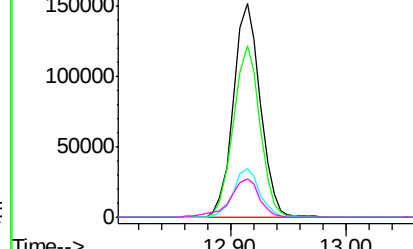
Abundance Ion 216.00 (215.70 to 216.70): E

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

12.91



#40

Hexachlorocyclopentadiene

Concen: 34.07 ng

RT: 12.88 min Scan# 1710

Delta R.T. -0.04 min

Lab File: BG024018.D

Acq: 17 Sep 2016 6:52

Tgt Ion:237 Resp: 108506

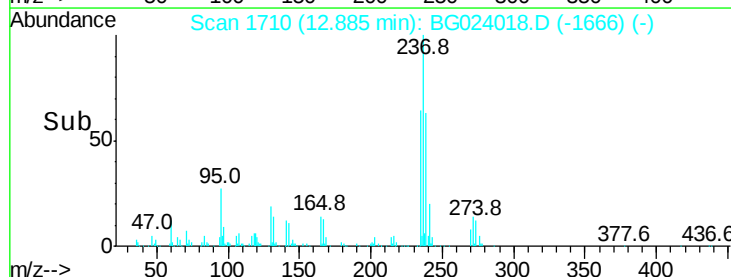
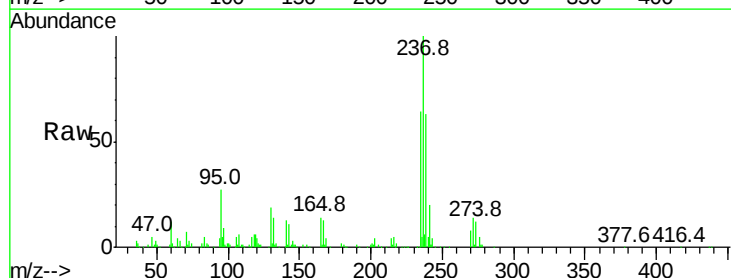
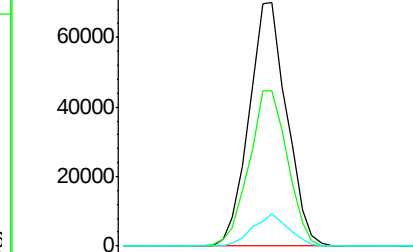
Ion	Ratio	Lower	Upper
237	100		
235	63.9	43.1	83.1
272	13.5	0.0	30.9

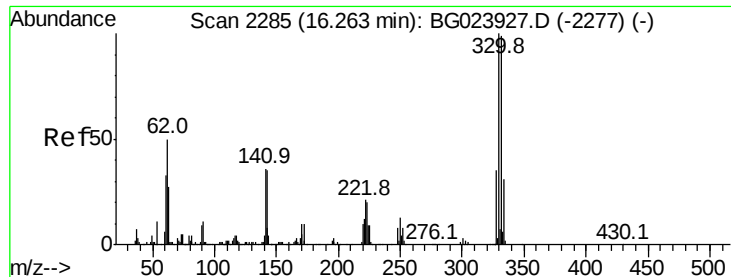
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

12.88

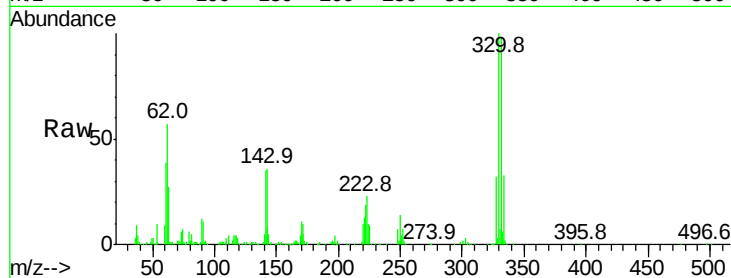




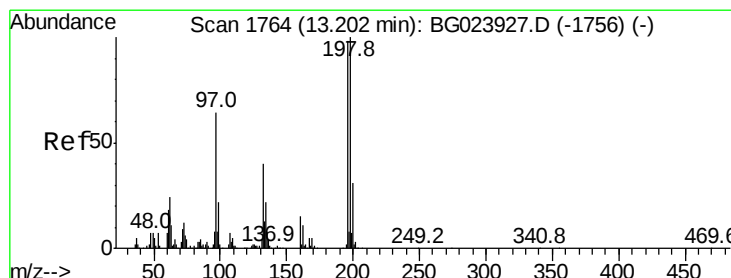
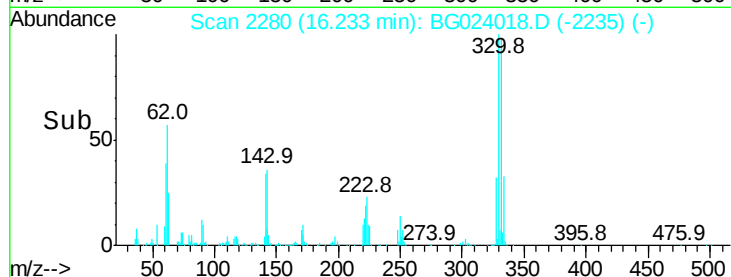
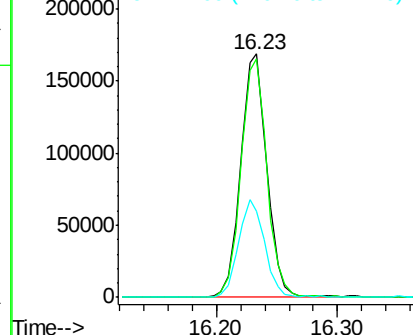
#41
 2,4,6-Tribromophenol
 Concen: 77.22 ng
 RT: 16.23 min Scan# 2280
 Delta R.T. -0.04 min
 Lab File: BG024018.D
 Acq: 17 Sep 2016 6:52

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.4	116.2
141	40.3	31.7	47.5

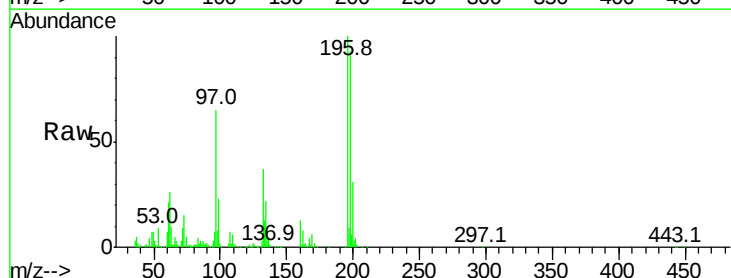


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

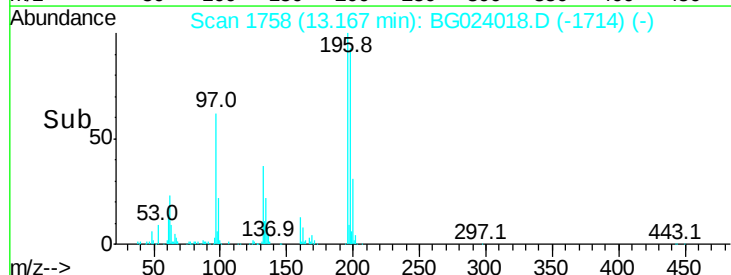
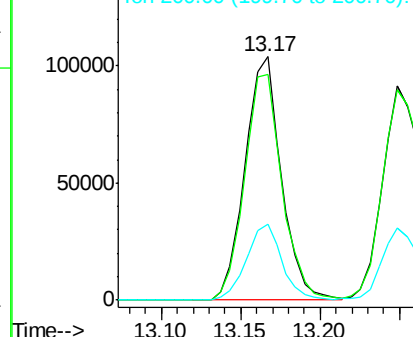


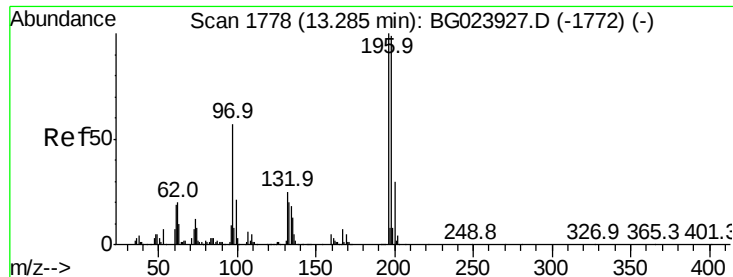
#42
 2,4,6-Trichlorophenol
 Concen: 40.62 ng
 RT: 13.17 min Scan# 1758
 Delta R.T. -0.04 min
 Lab File: BG024018.D
 Acq: 17 Sep 2016 6:52

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.8	78.2	117.2
200	31.2	27.0	40.4



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

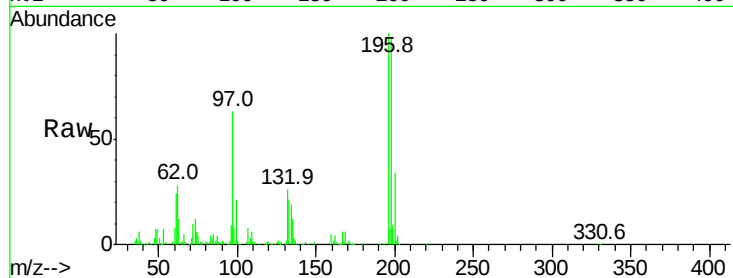




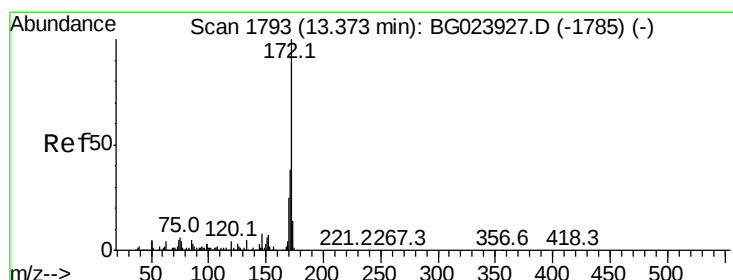
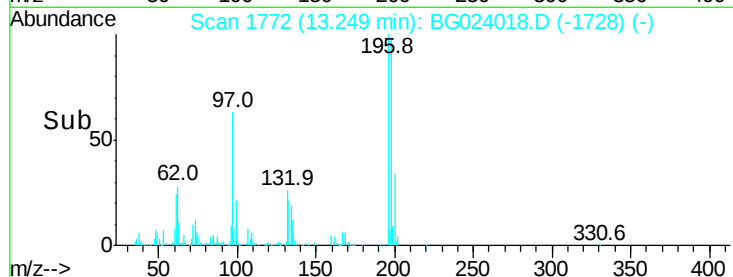
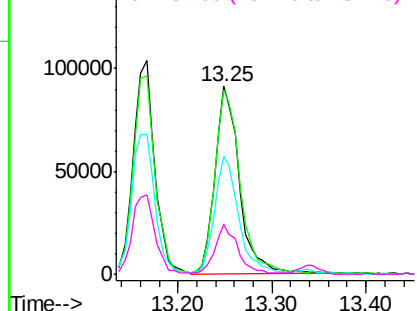
#43
2,4,5-Trichlorophenol
Concen: 40.75 ng
RT: 13.25 min Scan# 1772
Delta R.T. -0.04 min
Lab File: BG024018.D
Acq: 17 Sep 2016 6:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	196	Resp:	167178
Ion	Ratio	Lower	Upper
196	100		
198	98.4	85.7	128.5
97	62.5	45.5	68.3
132	26.3	18.9	28.3

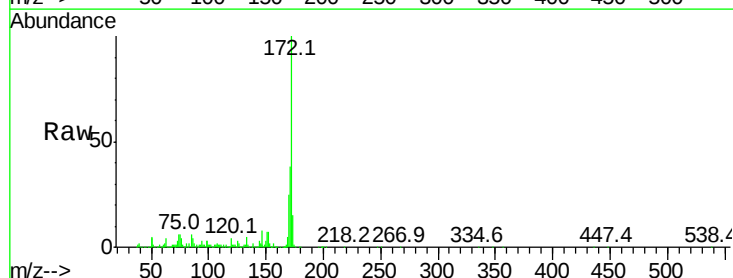


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BGC
Ion 132.00 (131.70 to 132.70): E

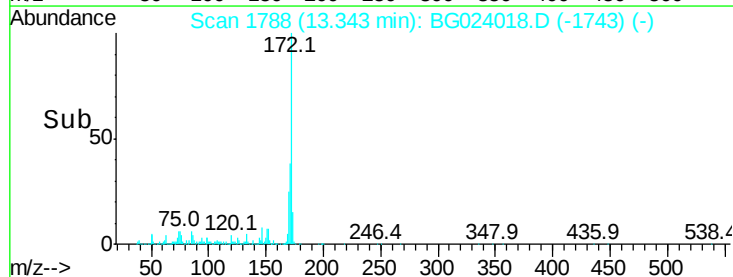
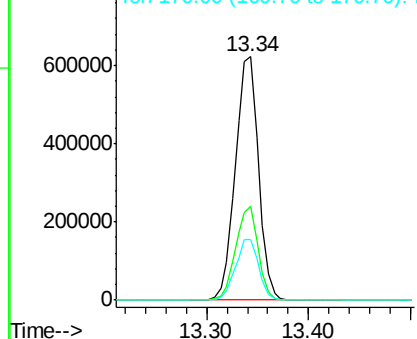


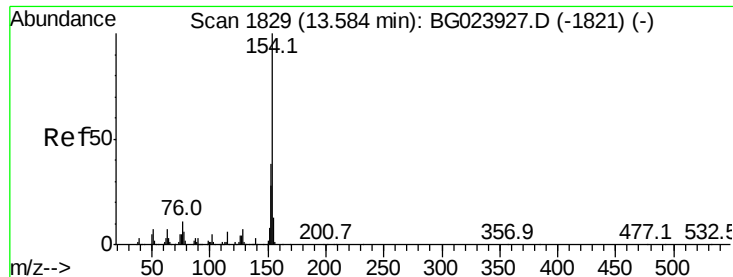
#44
2-Fluorobiphenyl
Concen: 76.79 ng
RT: 13.34 min Scan# 1788
Delta R.T. -0.04 min
Lab File: BG024018.D
Acq: 17 Sep 2016 6:52

Tgt Ion:	172	Resp:	981213
Ion	Ratio	Lower	Upper
172	100		
171	38.3	31.6	47.4
170	25.1	21.3	31.9



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: 38.60 ng

RT: 13.55 min Scan# 1824

Delta R.T. -0.04 min

Lab File: BG024018.D

Acq: 17 Sep 2016 6:52

Instrument :

BNA_G

ClientSampleId :

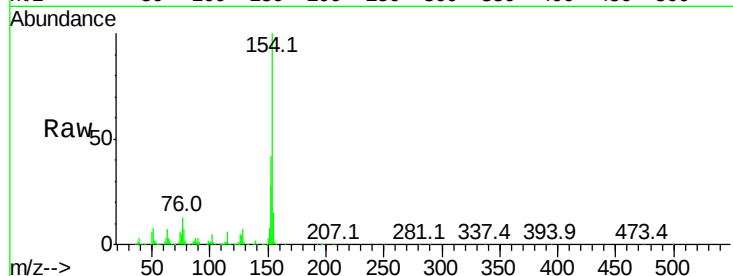
Tot Ion:154 Resp: 568845

Ion Ratio Lower Upper

154 100

153 42.1 20.2 60.2

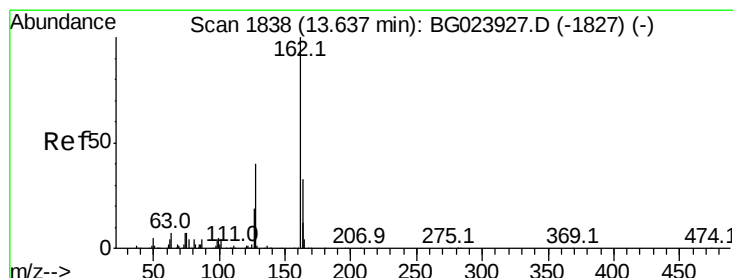
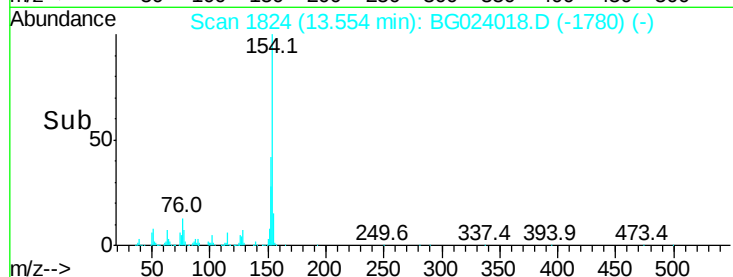
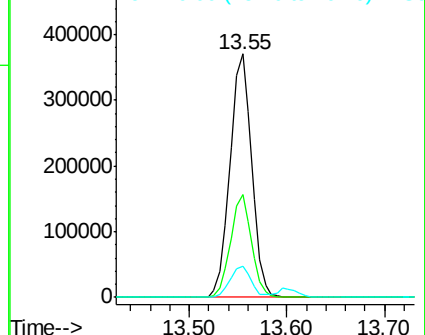
76 13.0 0.0 32.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 38.94 ng

RT: 13.60 min Scan# 1832

Delta R.T. -0.04 min

Lab File: BG024018.D

Acq: 17 Sep 2016 6:52

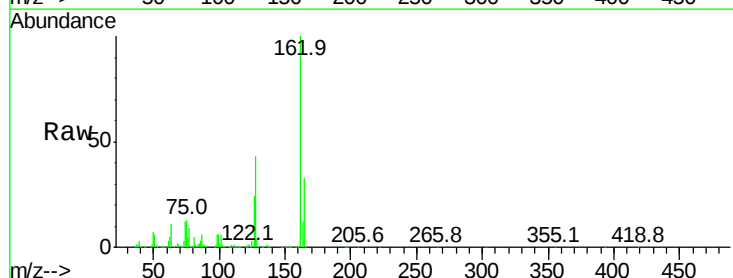
Tgt Ion:162 Resp: 421292

Ion Ratio Lower Upper

162 100

127 43.1 32.4 48.6

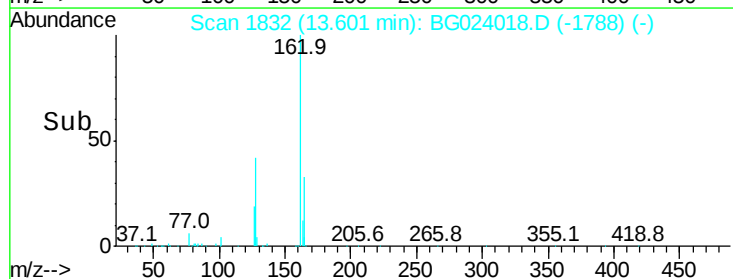
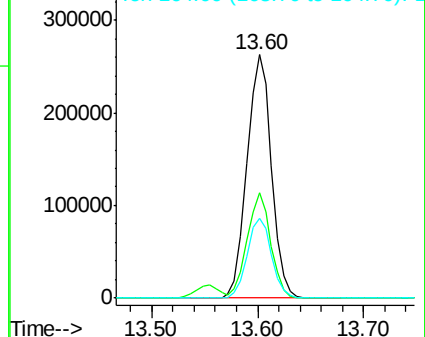
164 32.6 25.2 37.8

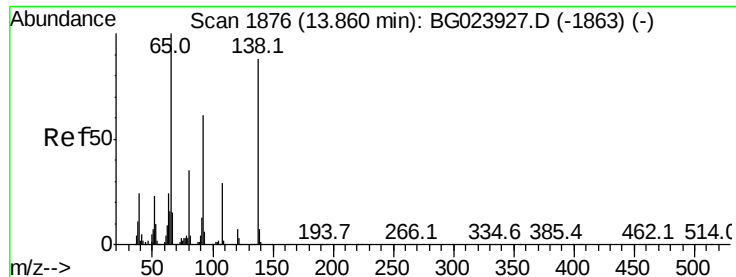


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

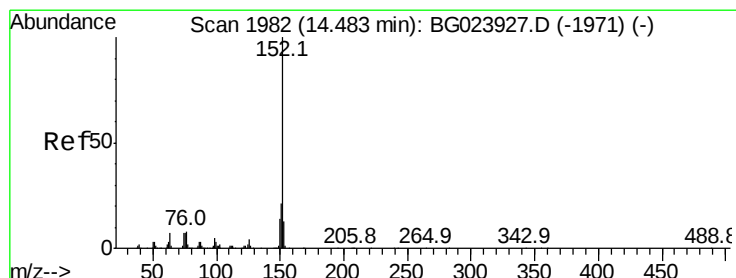
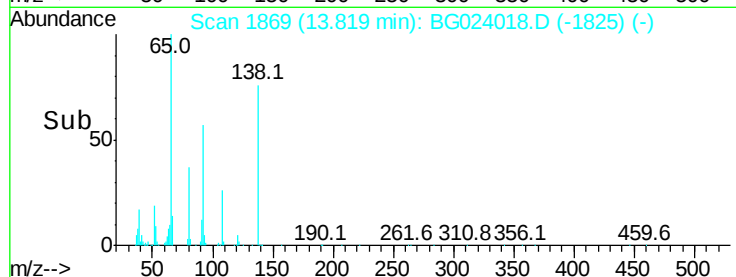
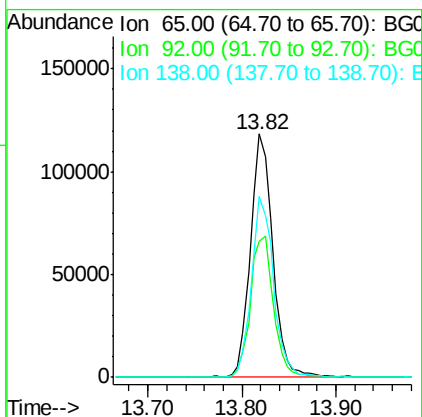
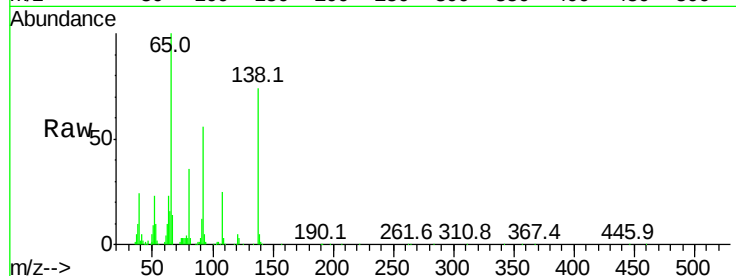




#47
2-Nitroaniline
Concen: 45.93 ng
RT: 13.82 min Scan# 1869
Delta R.T. -0.04 min
Lab File: BG024018.D
Acq: 17 Sep 2016 6:52

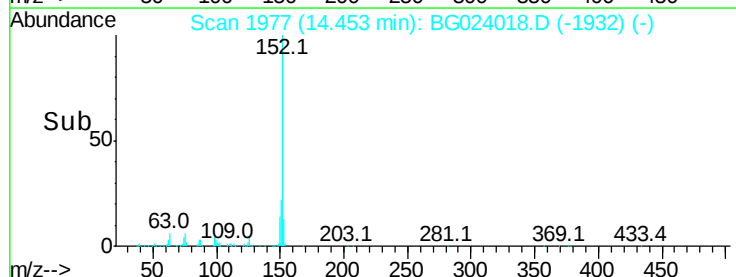
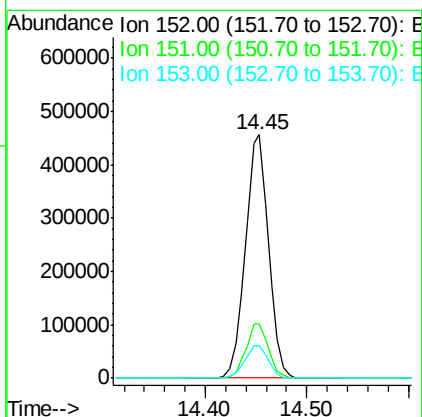
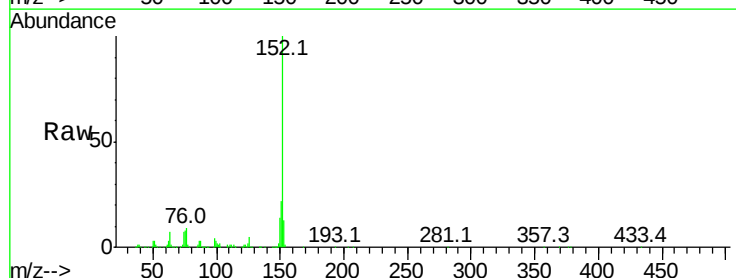
Instrument :
BNA_G
ClientSampleId :

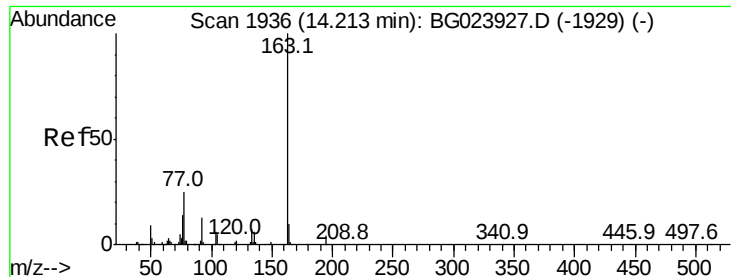
Tot Ion	Ratio	Lower	Upper
65	100		
92	55.8	49.4	74.0
138	74.0	58.0	87.0



#48
Acenaphthylene
Concen: 39.76 ng
RT: 14.45 min Scan# 1977
Delta R.T. -0.04 min
Lab File: BG024018.D
Acq: 17 Sep 2016 6:52

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.0	17.6	26.4
153	13.3	11.4	17.2

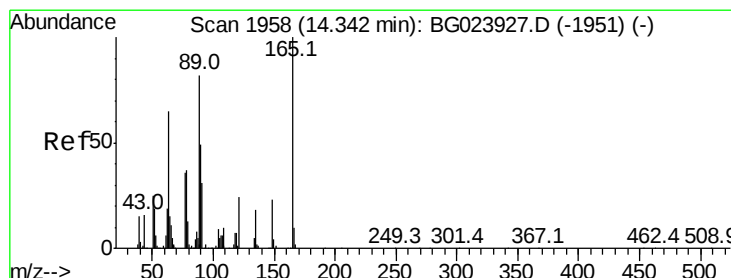
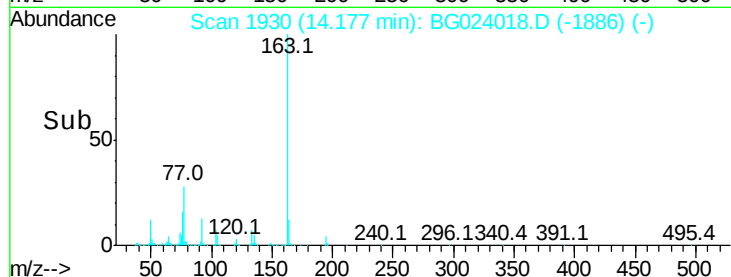
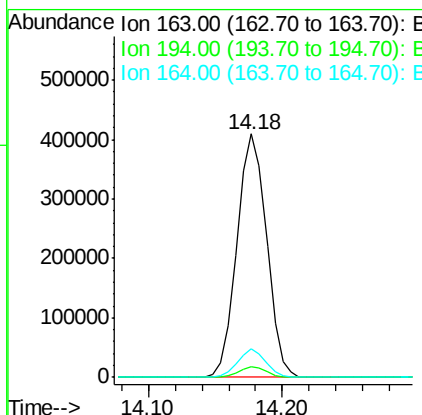
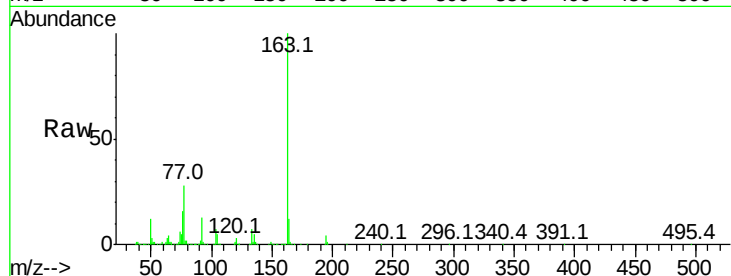




#49
Dimethylphthalate
Concen: 40.09 ng
RT: 14.18 min Scan# 1930
Delta R.T. -0.04 min
Lab File: BG024018.D
Acq: 17 Sep 2016 6:52

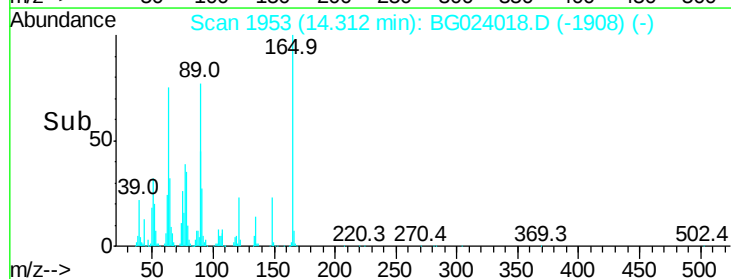
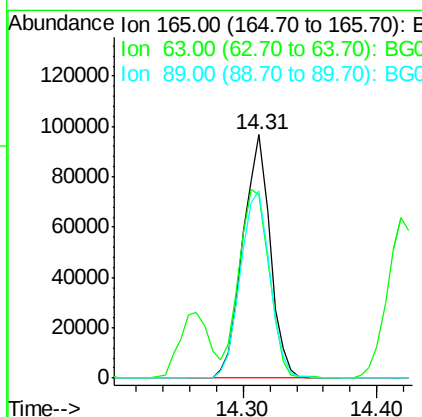
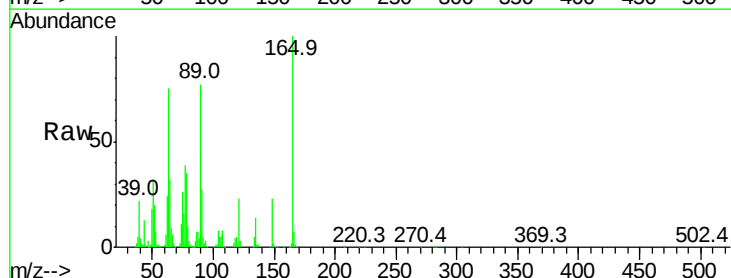
Instrument :
BNA_G
ClientSampleId :

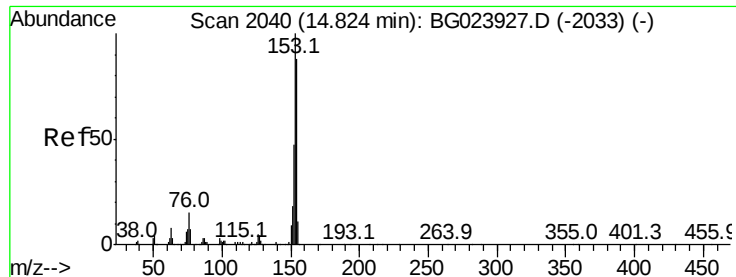
Tot Ion:163 Resp: 629846
Ion Ratio Lower Upper
163 100
194 4.2 3.6 5.4
164 11.9 8.1 12.1



#50
2,6-Dinitrotoluene
Concen: 41.01 ng
RT: 14.31 min Scan# 1953
Delta R.T. -0.04 min
Lab File: BG024018.D
Acq: 17 Sep 2016 6:52

Tgt Ion:165 Resp: 135986
Ion Ratio Lower Upper
165 100
63 75.2 64.3 96.5
89 76.9 64.3 96.5





#51

Acenaphthene

Concen: 39.54 ng

RT: 14.79 min Scan# 2035

Delta R.T. -0.04 min

Lab File: BG024018.D

Acq: 17 Sep 2016 6:52

Instrument :

BNA_G

ClientSampleId :

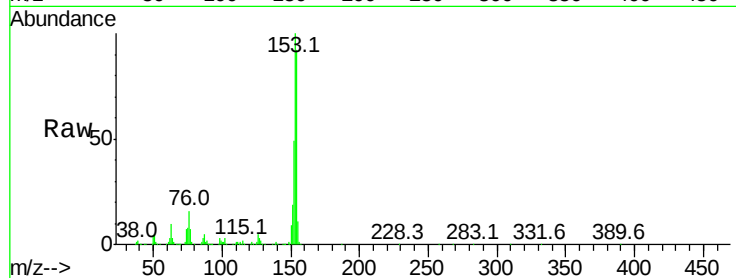
Tot Ion:154 Resp: 440818

Ion Ratio Lower Upper

154 100

153 108.2 87.5 131.3

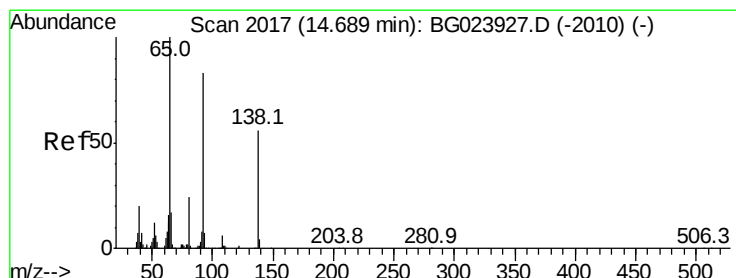
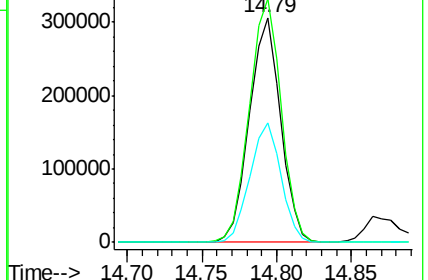
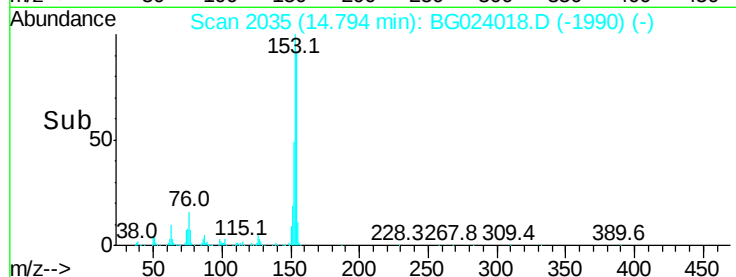
152 53.0 42.7 64.1



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: 41.50 ng

RT: 14.65 min Scan# 2011

Delta R.T. -0.04 min

Lab File: BG024018.D

Acq: 17 Sep 2016 6:52

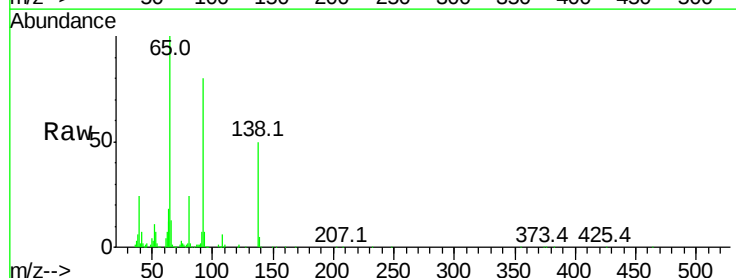
Tgt Ion:138 Resp: 128718

Ion Ratio Lower Upper

138 100

108 12.6 11.7 17.5

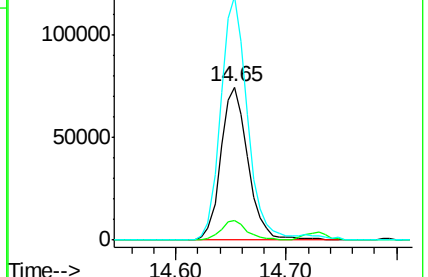
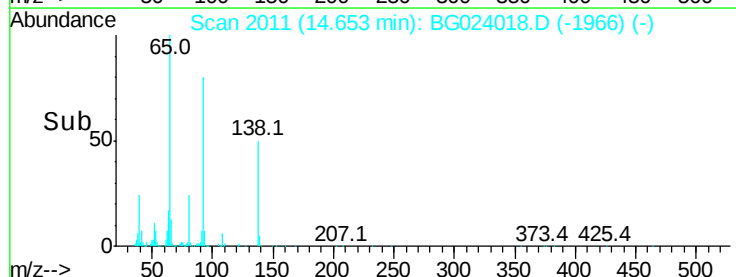
92 159.1 129.7 194.5

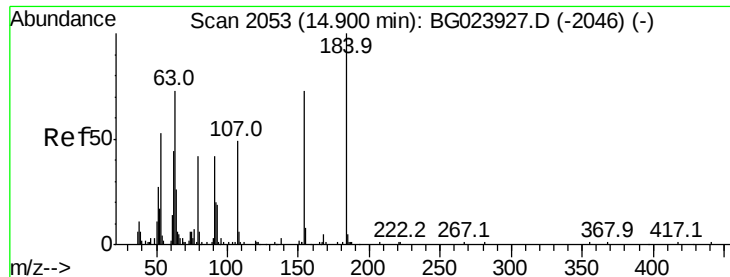


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

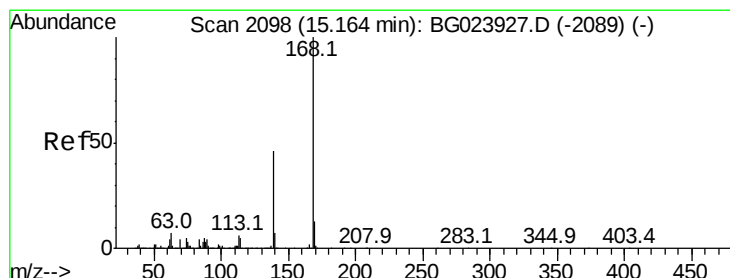
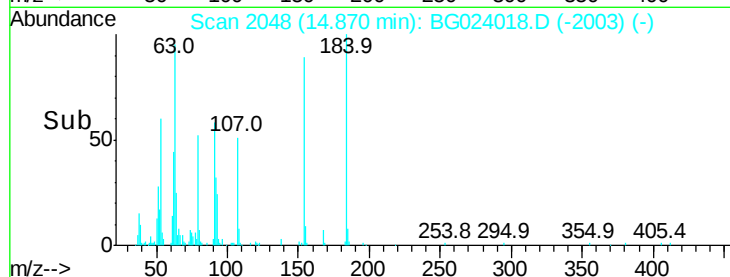
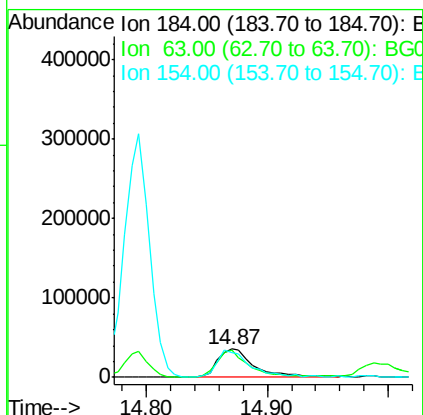
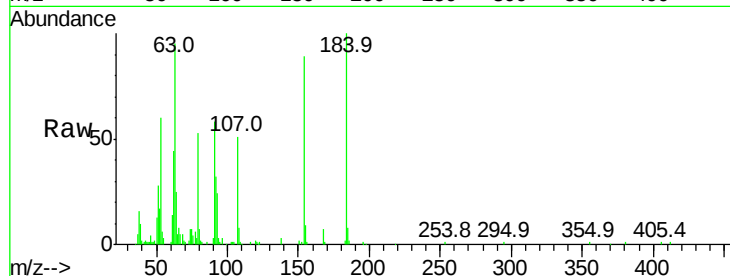




#53
2,4-Dinitrophenol
Concen: 34.87 ng
RT: 14.87 min Scan# 2048
Delta R.T. -0.04 min
Lab File: BG024018.D
Acq: 17 Sep 2016 6:52

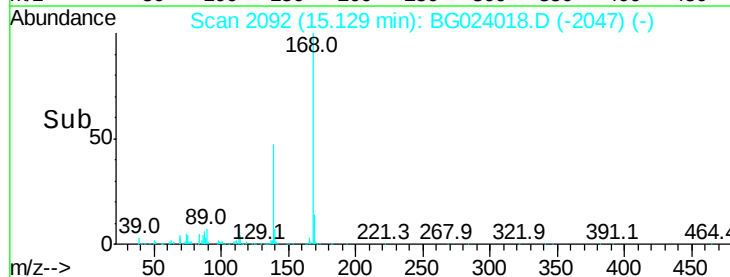
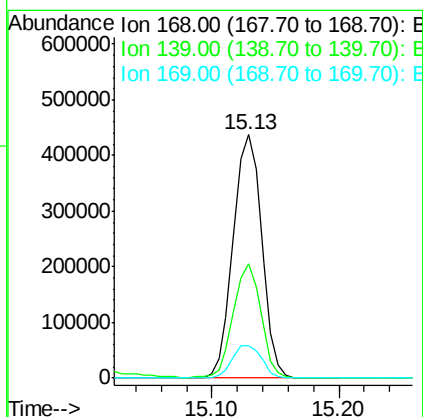
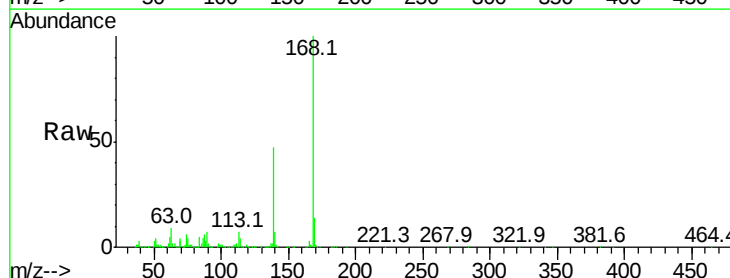
Instrument :
BNA_G
ClientSampleId :

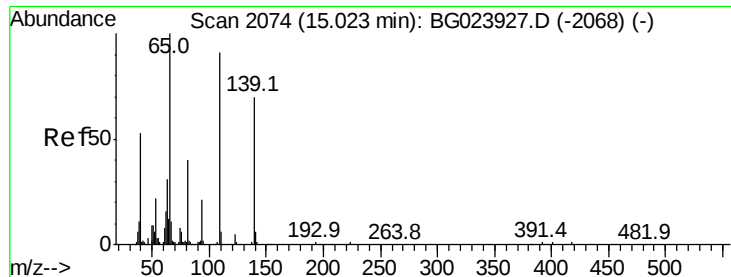
Tot Ion:184 Resp: 74837
Ion Ratio Lower Upper
184 100
63 94.9 59.6 89.4#
154 89.2 67.4 101.0



#54
Dibenzofuran
Concen: 39.21 ng
RT: 15.13 min Scan# 2092
Delta R.T. -0.04 min
Lab File: BG024018.D
Acq: 17 Sep 2016 6:52

Tgt Ion:168 Resp: 682296
Ion Ratio Lower Upper
168 100
139 46.7 36.4 54.6
169 13.5 11.9 17.9

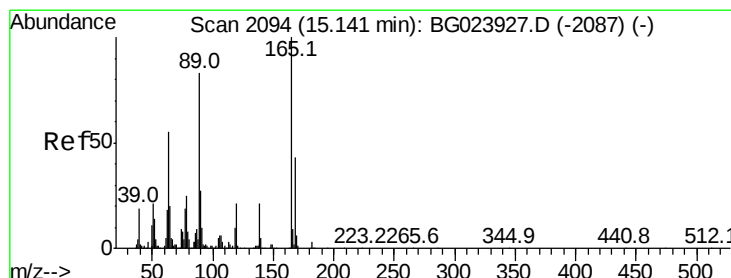
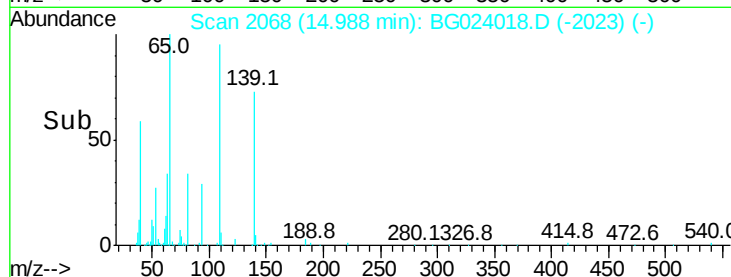
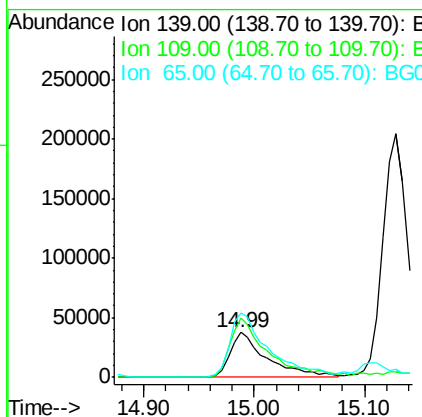
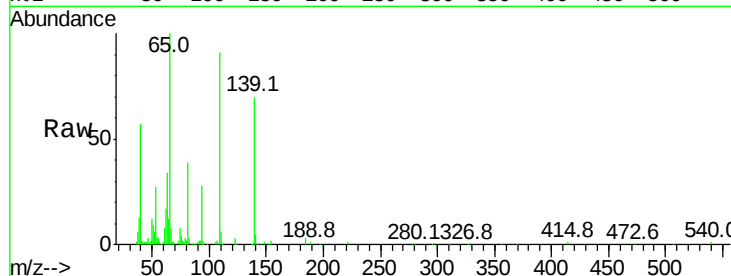




#55
4-Nitrophenol
Concen: 35.90 ng
RT: 14.99 min Scan# 2068
Delta R.T. -0.04 min
Lab File: BG024018.D
Acq: 17 Sep 2016 6:52

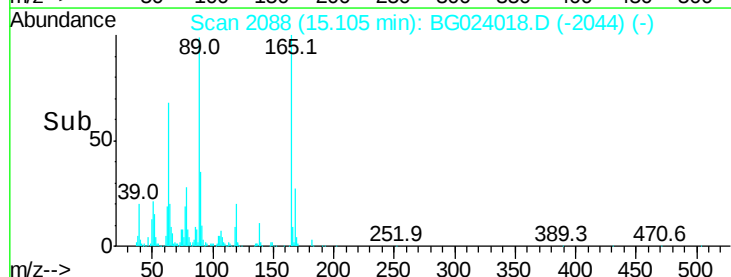
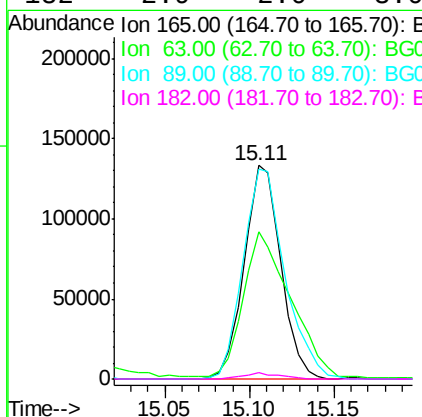
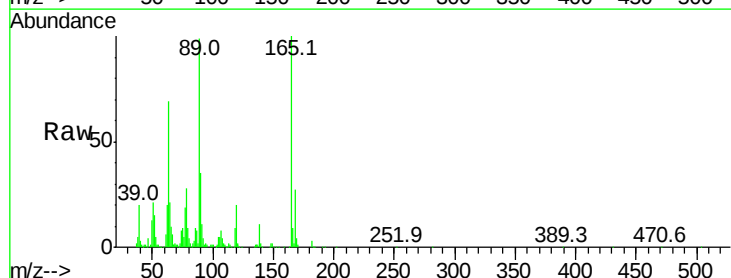
Instrument :
BNA_G
ClientSampleId :

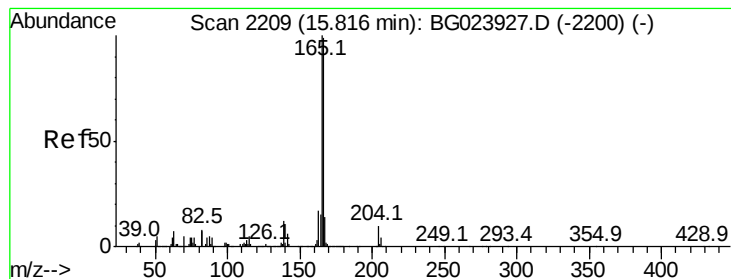
Tot Ion:139 Resp: 88595
Ion Ratio Lower Upper
139 100
109 130.9 103.0 143.0
65 143.7 112.7 152.7



#56
2,4-Dinitrotoluene
Concen: 41.13 ng
RT: 15.11 min Scan# 2088
Delta R.T. -0.04 min
Lab File: BG024018.D
Acq: 17 Sep 2016 6:52

Tgt Ion:165 Resp: 200485
Ion Ratio Lower Upper
165 100
63 69.2 45.8 68.6#
89 98.6 68.6 102.8
182 2.9 2.0 3.0





#57

Fluorene

Concen: 39.30 ng

RT: 15.78 min Scan# 2203

Delta R.T. -0.04 min

Lab File: BG024018.D

Acq: 17 Sep 2016 6:52

Instrument :

BNA_G

ClientSampleId :

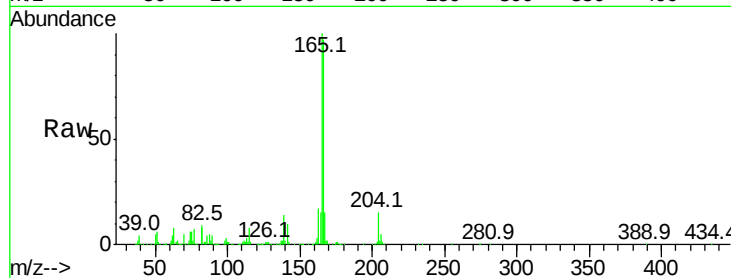
Tot Ion:166 Resp: 593063

Ion Ratio Lower Upper

166 100

165 102.6 81.0 121.6

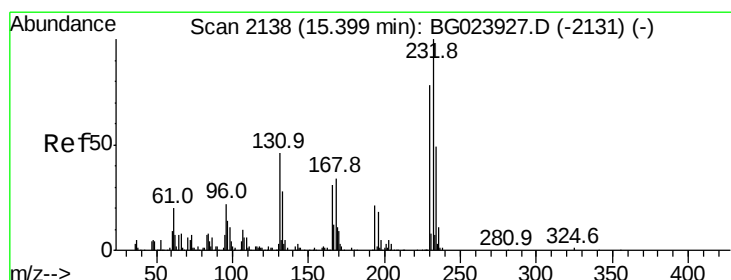
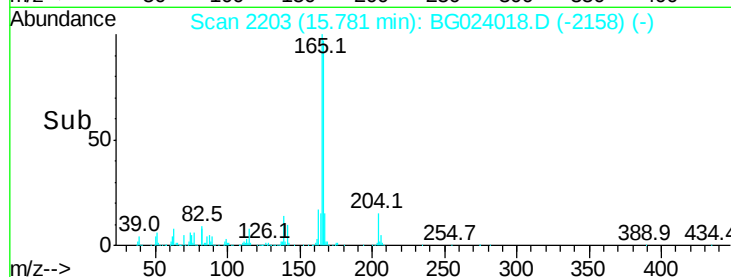
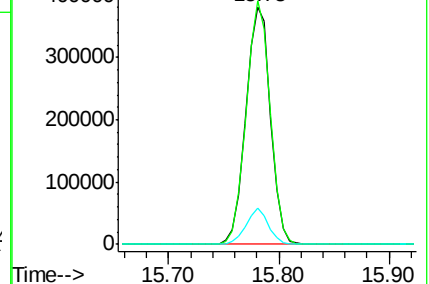
167 15.0 12.0 18.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.41 ng

RT: 15.36 min Scan# 2132

Delta R.T. -0.04 min

Lab File: BG024018.D

Acq: 17 Sep 2016 6:52

Tgt Ion:232 Resp: 168280

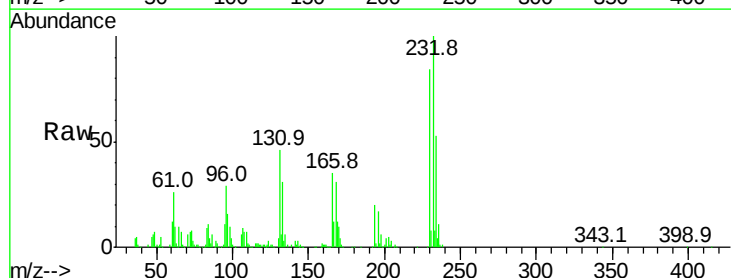
Ion Ratio Lower Upper

232 100

131 45.4 32.7 49.1

130 3.2 2.6 3.8

166 32.1 23.0 34.6

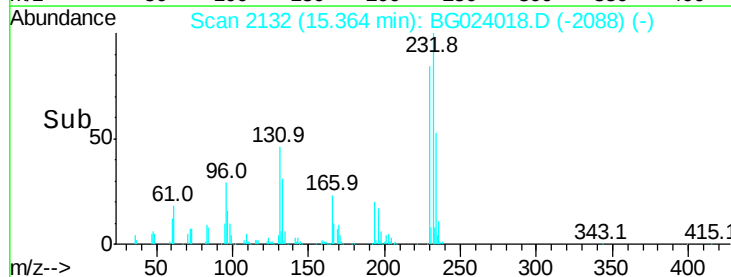
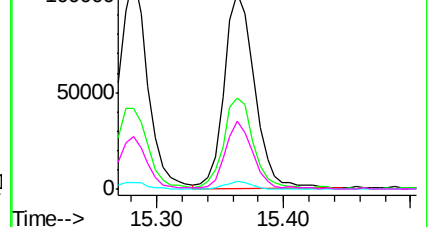


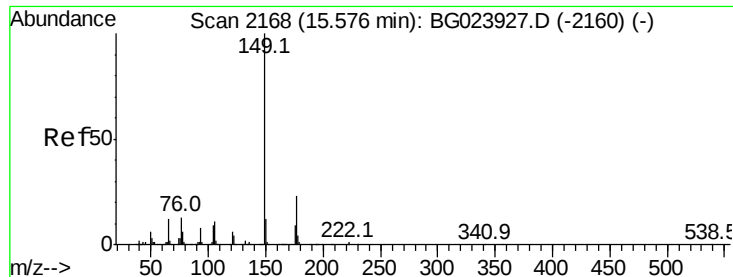
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

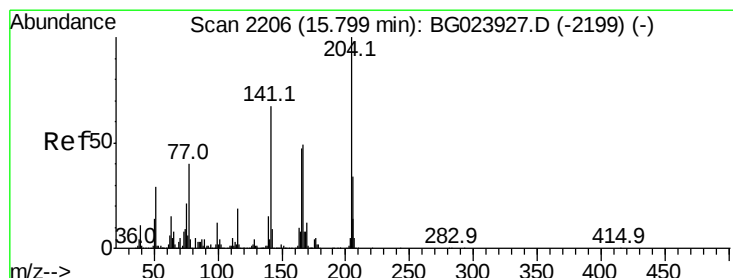
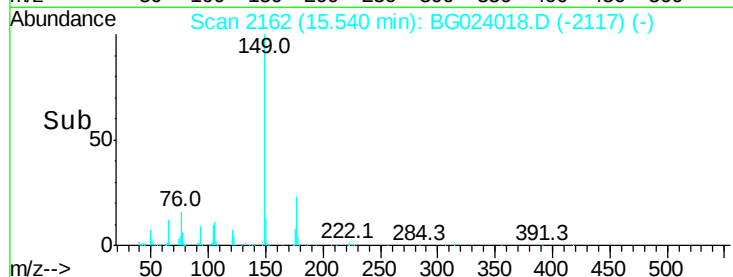
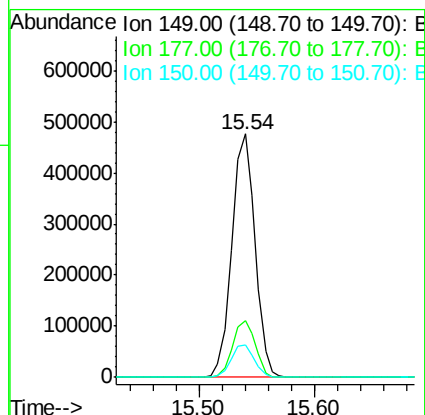
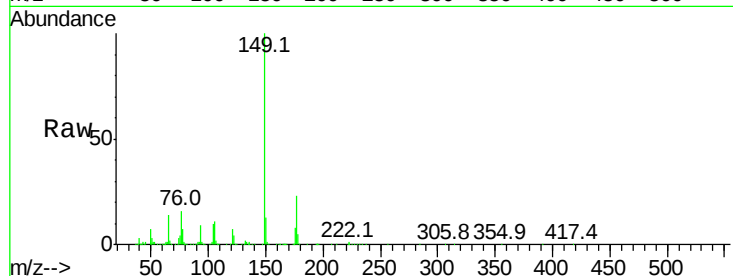




#59
Diethylphthalate
Concen: 39.29 ng
RT: 15.54 min Scan# 2162
Delta R.T. -0.04 min
Lab File: BG024018.D
Acq: 17 Sep 2016 6:52

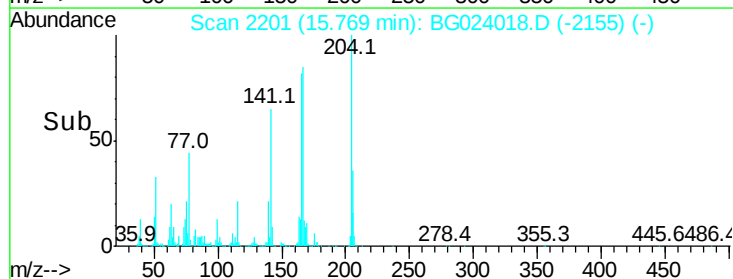
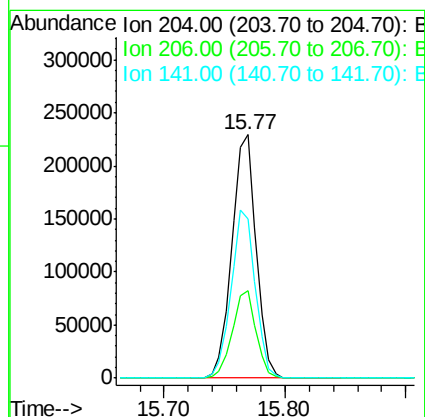
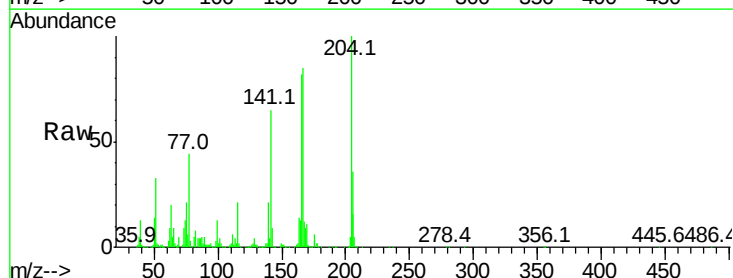
Instrument :
BNA_G
ClientSampleId :

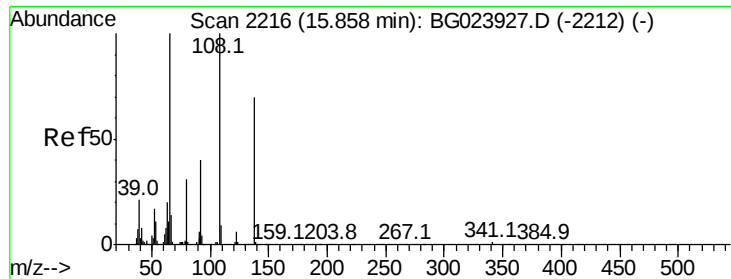
Tot Ion	Ratio	Lower	Upper
149	100		
177	23.2	19.2	28.8
150	13.4	10.6	16.0



#60
4-Chlorophenyl-phenylether
Concen: 39.34 ng
RT: 15.77 min Scan# 2201
Delta R.T. -0.03 min
Lab File: BG024018.D
Acq: 17 Sep 2016 6:52

Tgt Ion	Ratio	Lower	Upper
204	100		
206	36.0	28.5	42.7
141	65.1	51.4	77.0

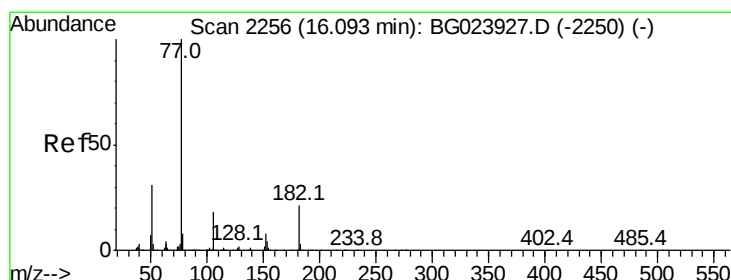
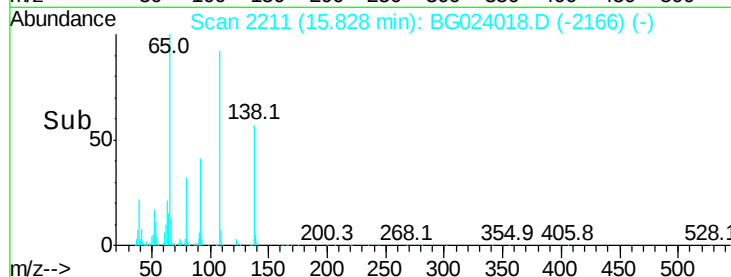
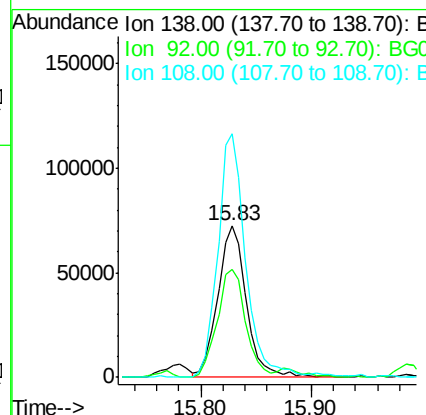
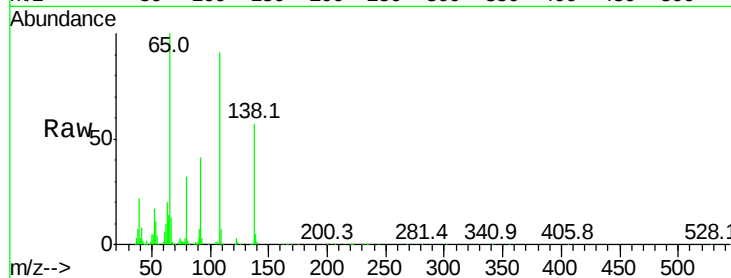




#61
4-Nitroaniline
Concen: 41.07 ng
RT: 15.83 min Scan# 2211
Delta R.T. -0.04 min
Lab File: BG024018.D
Acq: 17 Sep 2016 6:52

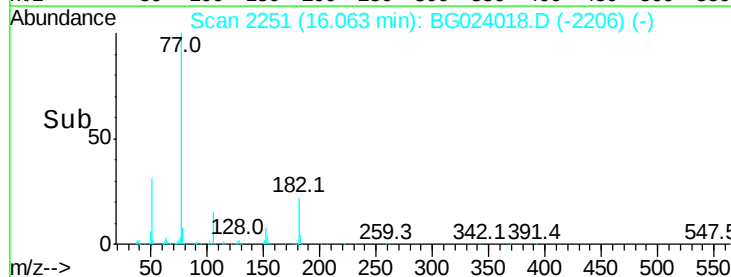
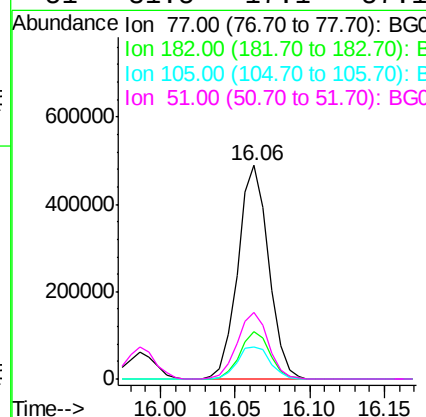
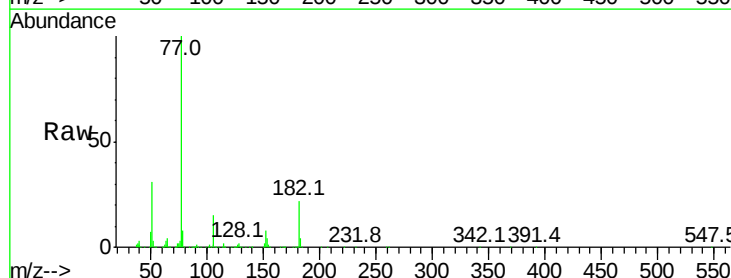
Instrument :
BNA_G
ClientSampleId :

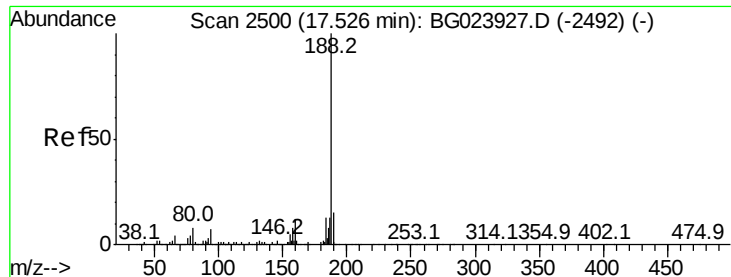
Tot Ion:138 Resp: 128780
Ion Ratio Lower Upper
138 100
92 71.3 54.1 94.1
108 160.5 133.9 173.9



#62
Azobenzene
Concen: 43.09 ng
RT: 16.06 min Scan# 2251
Delta R.T. -0.04 min
Lab File: BG024018.D
Acq: 17 Sep 2016 6:52

Tgt Ion: 77 Resp: 699941
Ion Ratio Lower Upper
77 100
182 22.1 3.5 43.5
105 15.2 0.0 38.5
51 31.5 17.1 57.1

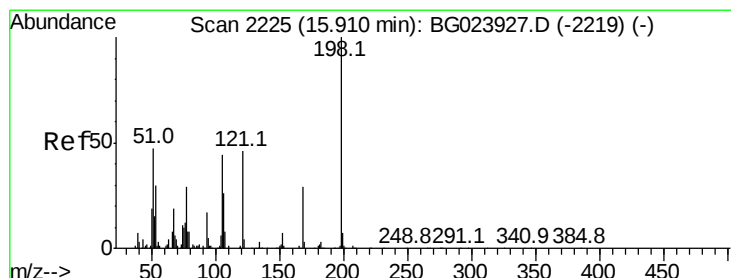
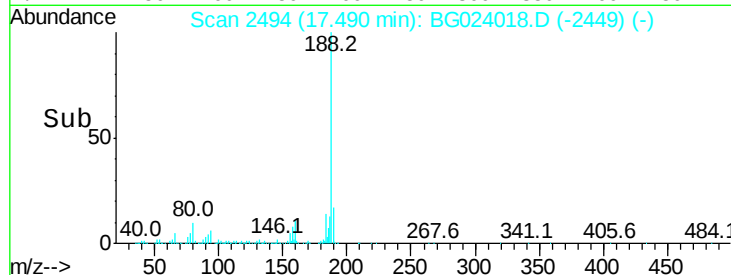
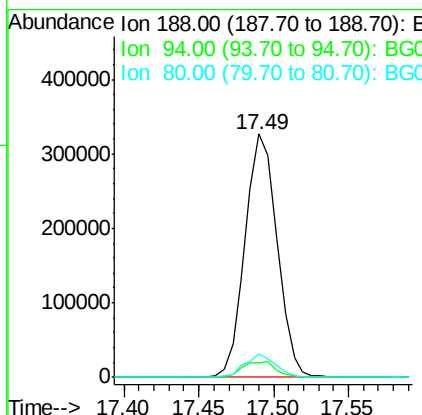
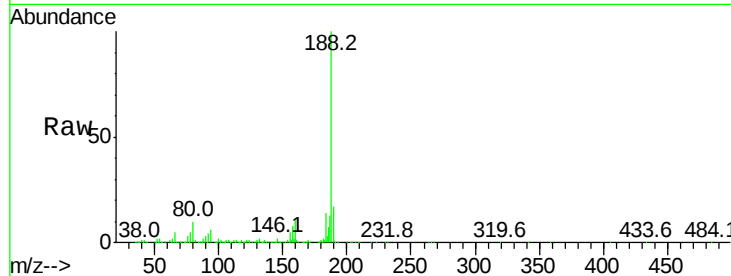




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2494
Delta R.T. -0.04 min
Lab File: BG024018.D
Acq: 17 Sep 2016 6:52

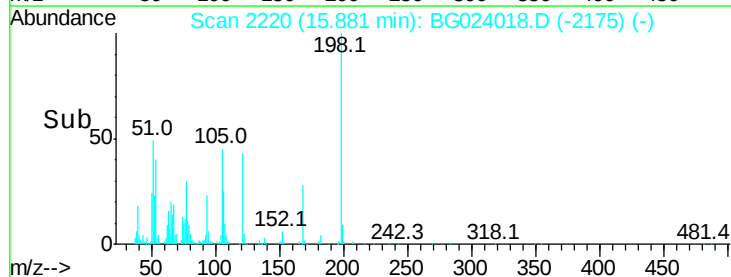
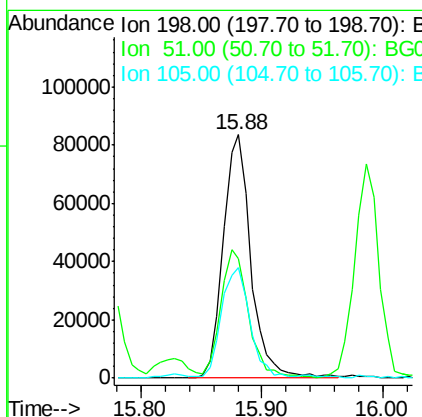
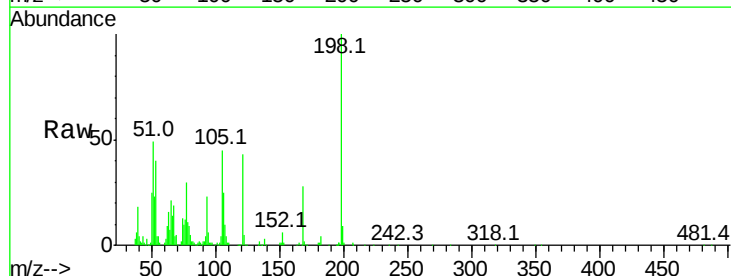
Instrument :
BNA_G
ClientSampleId :

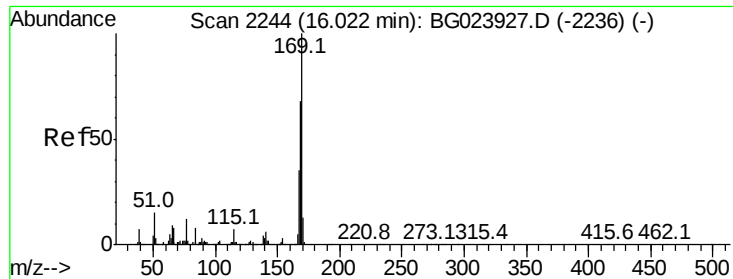
Tot Ion:188 Resp: 484238
Ion Ratio Lower Upper
188 100
94 5.9 5.2 7.8
80 9.7 7.2 10.8



#64
4,6-Dinitro-2-methylphenol
Concen: 39.57 ng
RT: 15.88 min Scan# 2220
Delta R.T. -0.04 min
Lab File: BG024018.D
Acq: 17 Sep 2016 6:52

Tgt Ion:198 Resp: 133042
Ion Ratio Lower Upper
198 100
51 48.9 26.0 66.0
105 45.2 20.1 60.1





#65

n-Nitrosodiphenylamine

Concen: 39.82 ng

RT: 15.99 min Scan# 2238

Delta R.T. -0.04 min

Lab File: BG024018.D

Acq: 17 Sep 2016 6:52

Instrument :

BNA_G

ClientSampled :

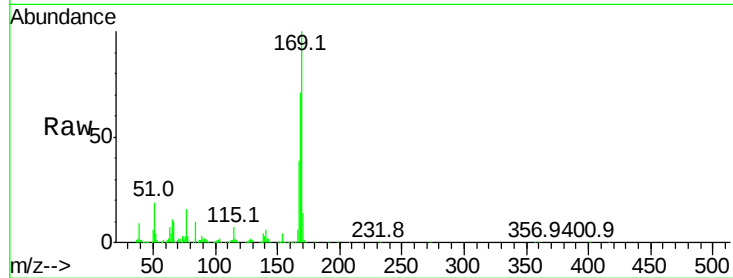
Tot Ion:169 Resp: 547656

Ion Ratio Lower Upper

169 100

168 71.2 55.0 82.4

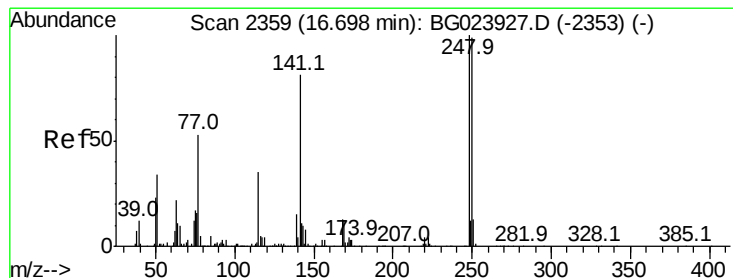
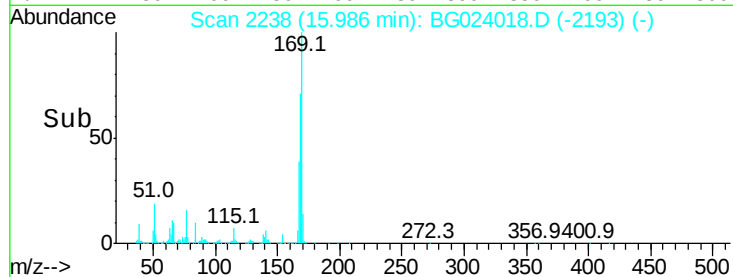
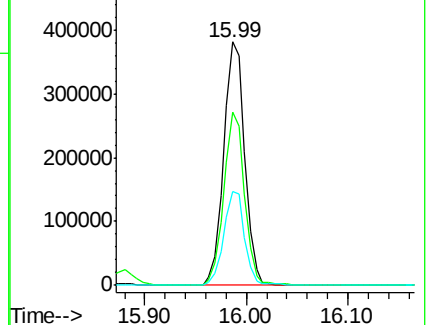
167 38.5 27.4 41.0



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: 40.56 ng

RT: 16.67 min Scan# 2354

Delta R.T. -0.04 min

Lab File: BG024018.D

Acq: 17 Sep 2016 6:52

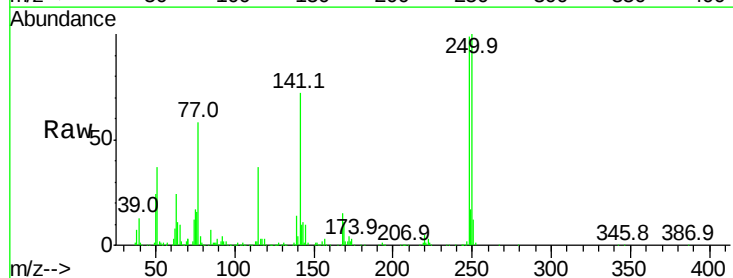
Tgt Ion:248 Resp: 238957

Ion Ratio Lower Upper

248 100

250 101.0 77.8 116.8

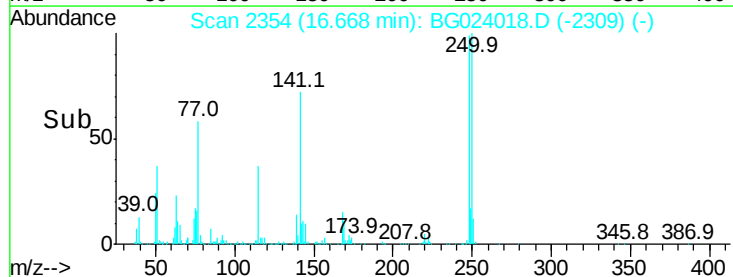
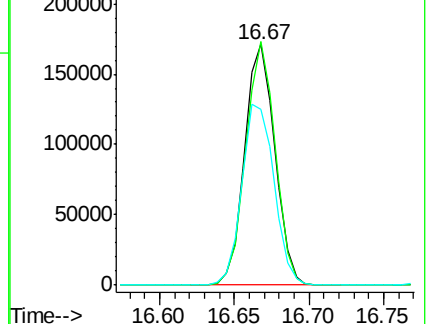
141 73.2 65.7 98.5

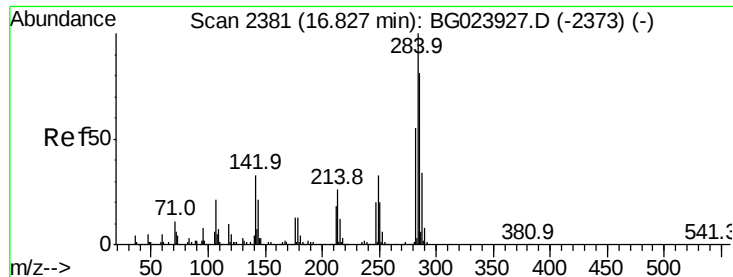


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 38.63 ng

RT: 16.79 min Scan# 2375

Delta R.T. -0.04 min

Lab File: BG024018.D

Acq: 17 Sep 2016 6:52

Instrument :

BNA_G

ClientSampleId :

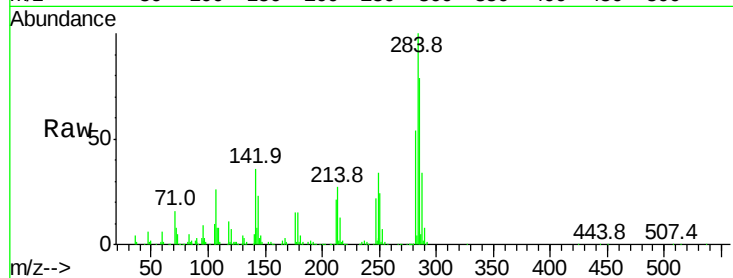
Tot Ion:284 Resp: 266907

Ion Ratio Lower Upper

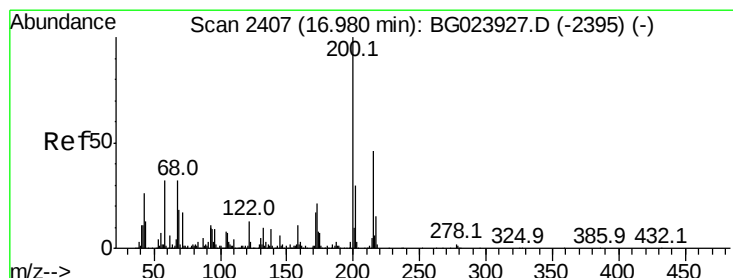
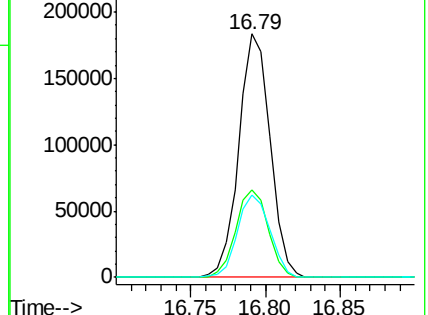
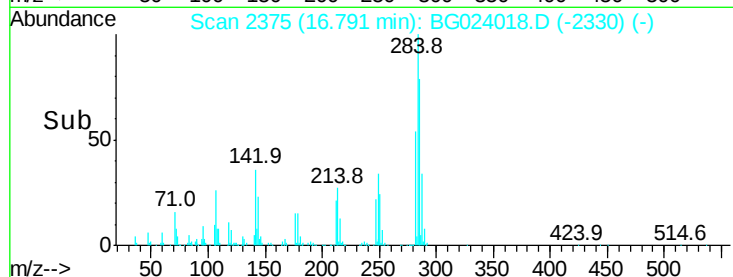
284 100

142 36.2 26.8 40.2

249 33.8 28.9 43.3



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: 40.58 ng

RT: 16.94 min Scan# 2400

Delta R.T. -0.04 min

Lab File: BG024018.D

Acq: 17 Sep 2016 6:52

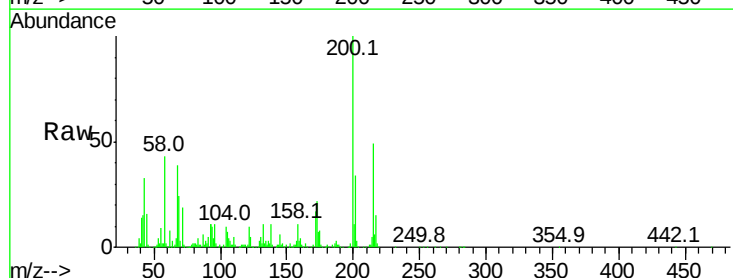
Tgt Ion:200 Resp: 240123

Ion Ratio Lower Upper

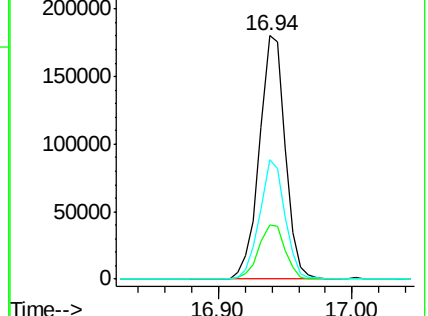
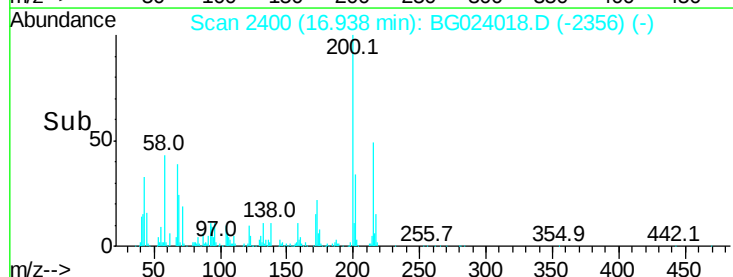
200 100

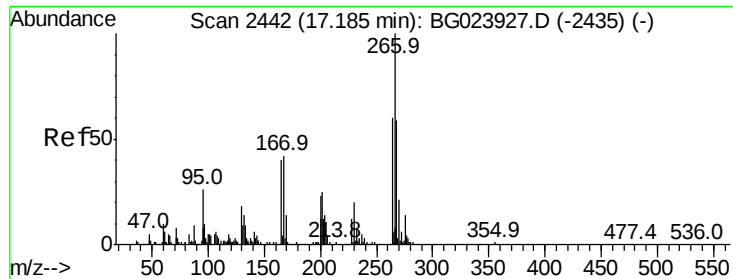
173 22.5 1.6 41.6

215 49.2 28.7 68.7



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: 34.78 ng

RT: 17.15 min Scan# 2436

Delta R.T. -0.04 min

Lab File: BG024018.D

Acq: 17 Sep 2016 6:52

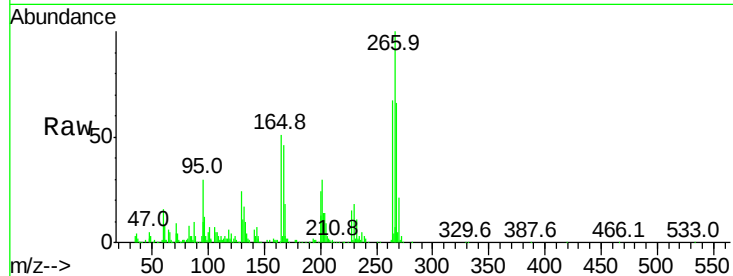
Instrument :

BNA_G

ClientSampleId :

Tot Ion:266 Resp: 127639

Ion	Ratio	Lower	Upper
266	100		
268	66.4	51.9	77.9
264	67.0	50.6	75.8

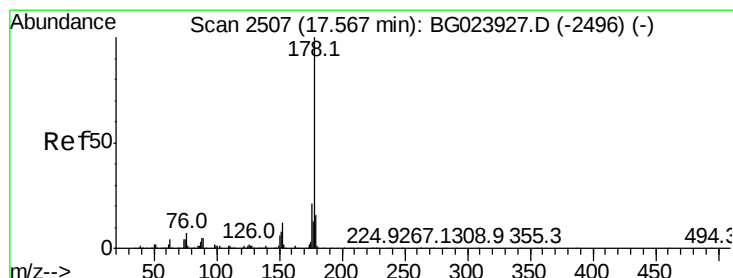
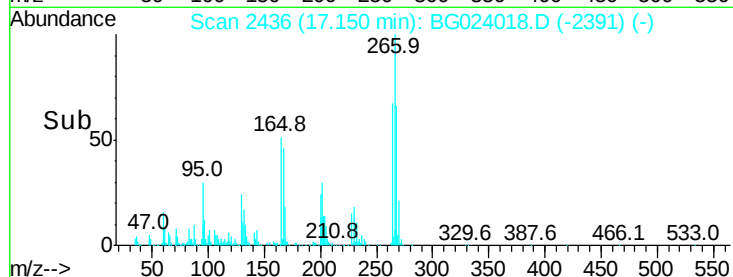
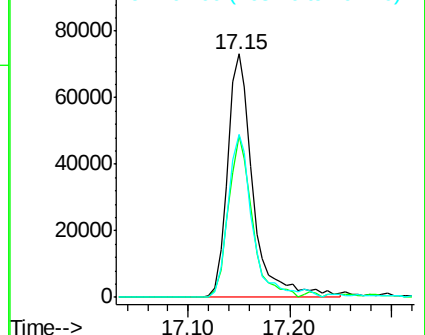


Abundance

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: 39.84 ng

RT: 17.54 min Scan# 2502

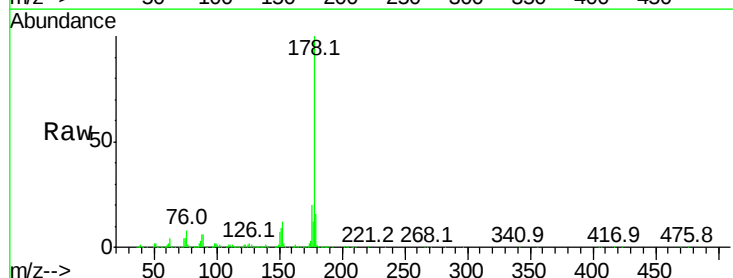
Delta R.T. -0.04 min

Lab File: BG024018.D

Acq: 17 Sep 2016 6:52

Tgt Ion:178 Resp: 1003723

Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.8	25.2
179	15.8	14.3	21.5

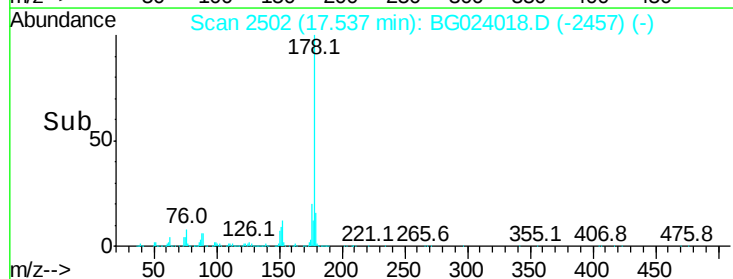
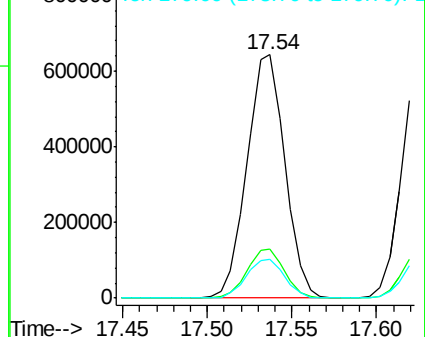


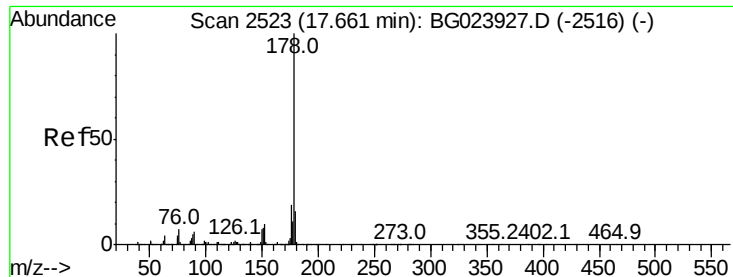
Abundance

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



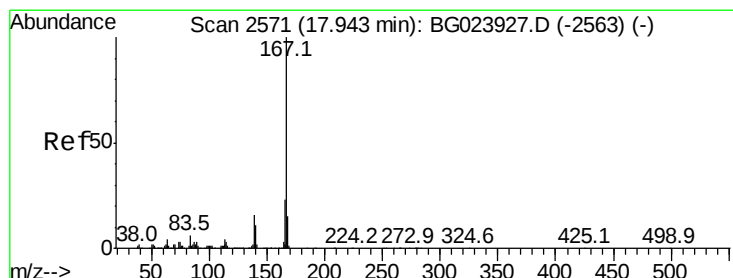
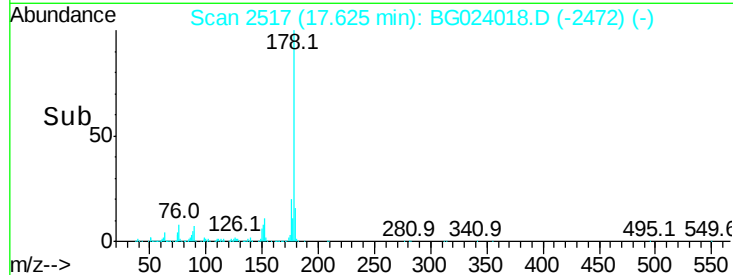
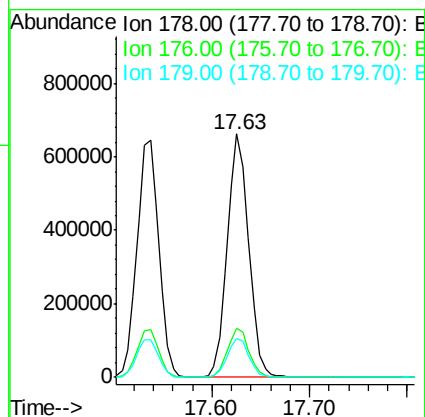
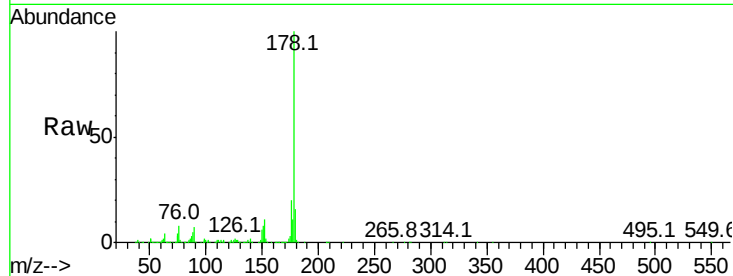


#71
 Anthracene
 Concen: 39.13 ng
 RT: 17.63 min Scan# 2517
 Delta R.T. -0.04 min
 Lab File: BG024018.D
 Acq: 17 Sep 2016 6:52

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:178 Resp: 1005592

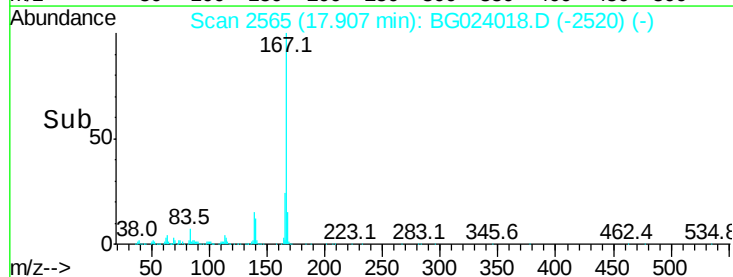
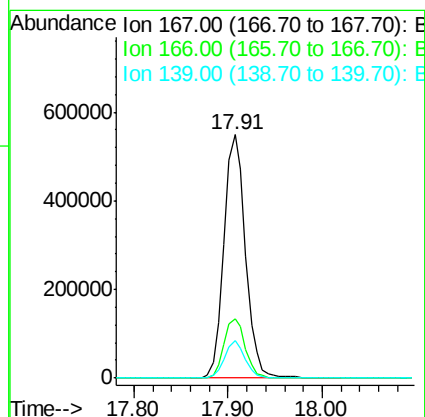
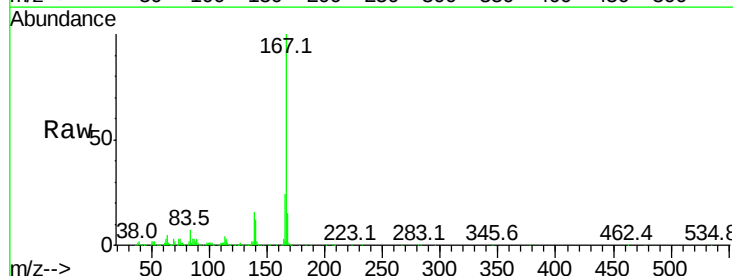
Ion	Ratio	Lower	Upper
178	100		
176	20.3	17.3	25.9
179	16.1	14.0	21.0

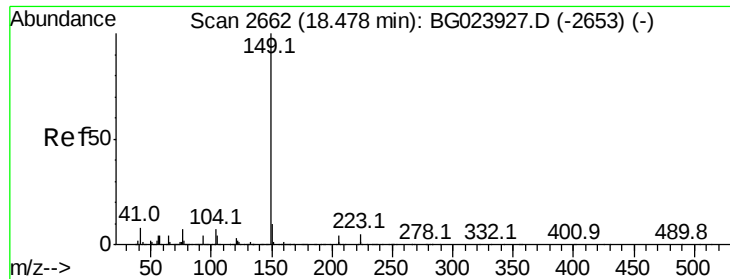


#72
 Carbazole
 Concen: 37.67 ng
 RT: 17.91 min Scan# 2565
 Delta R.T. -0.04 min
 Lab File: BG024018.D
 Acq: 17 Sep 2016 6:52

Tgt Ion:167 Resp: 878387

Ion	Ratio	Lower	Upper
167	100		
166	24.3	20.7	31.1
139	15.7	11.9	17.9





#73

Di-n-butylphthalate

Concen: 38.50 ng

RT: 18.44 min Scan# 2656

Delta R.T. -0.03 min

Lab File: BG024018.D

Acq: 17 Sep 2016 6:52

Instrument :

BNA_G

ClientSampleId :

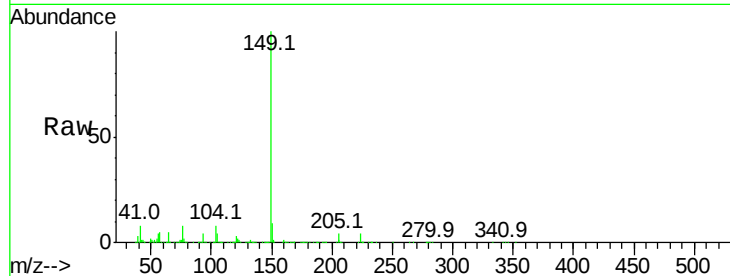
Tot Ion:149 Resp: 1071096

Ion Ratio Lower Upper

149 100

150 9.3 9.1 13.7

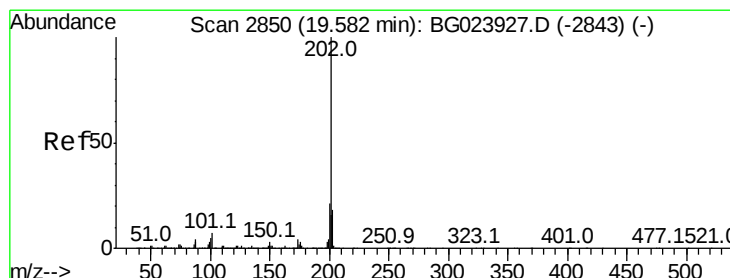
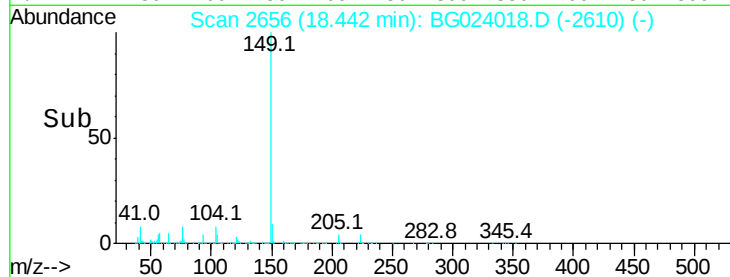
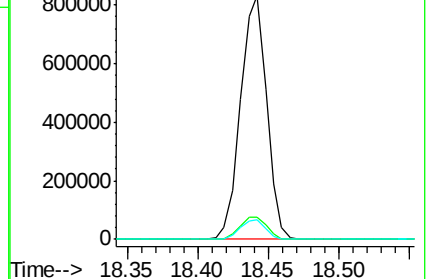
104 8.1 6.9 10.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 36.79 ng

RT: 19.55 min Scan# 2845

Delta R.T. -0.03 min

Lab File: BG024018.D

Acq: 17 Sep 2016 6:52

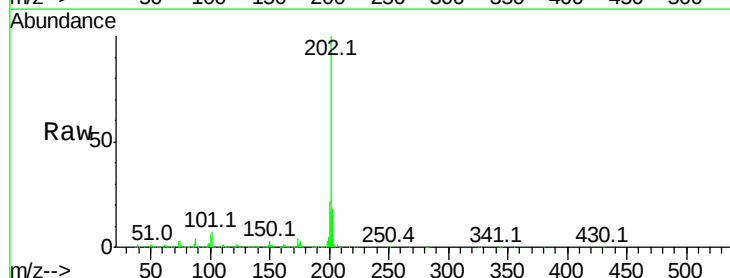
Tgt Ion:202 Resp: 1115872

Ion Ratio Lower Upper

202 100

101 7.3 0.0 27.4

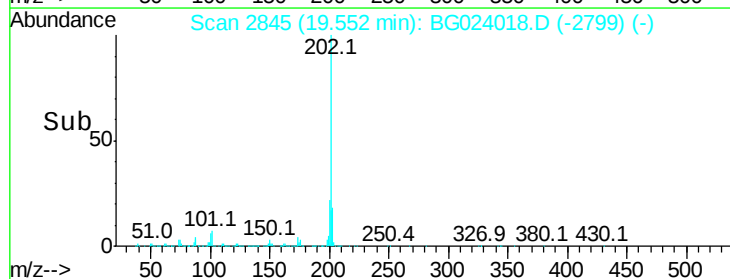
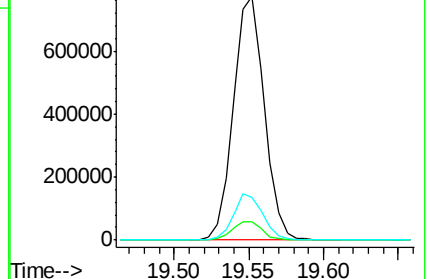
203 17.8 1.7 41.7

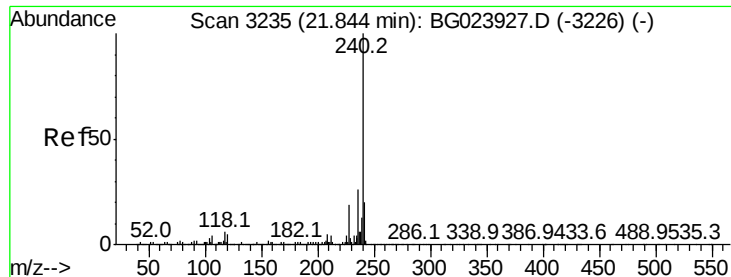


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.80 min Scan# 3228

Delta R.T. -0.04 min

Lab File: BG024018.D

Acq: 17 Sep 2016 6:52

Instrument :

BNA_G

ClientSampleId :

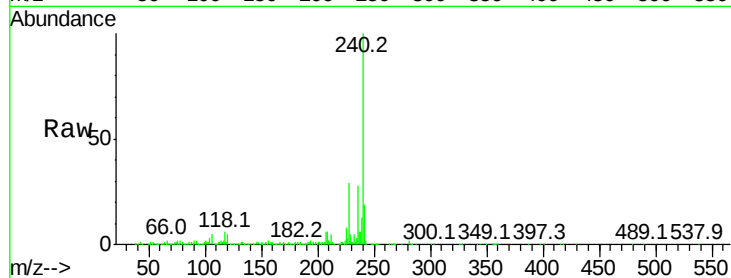
Tot Ion:240 Resp: 489253

Ion Ratio Lower Upper

240 100

120 5.2 4.1 6.1

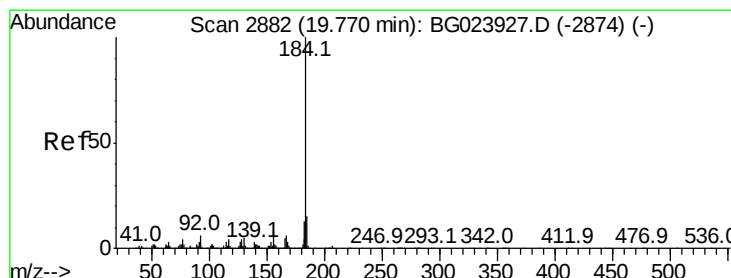
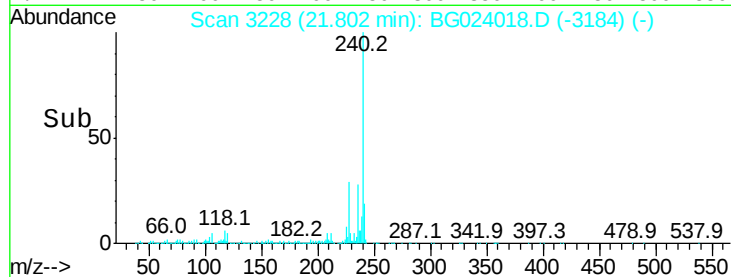
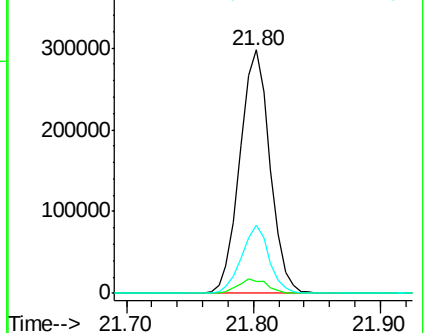
236 28.1 21.1 31.7



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: 35.05 ng

RT: 19.73 min Scan# 2876

Delta R.T. -0.03 min

Lab File: BG024018.D

Acq: 17 Sep 2016 6:52

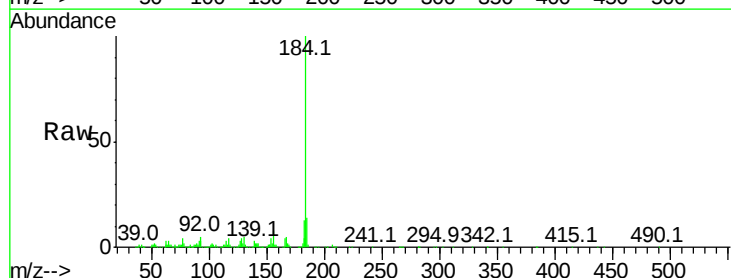
Tgt Ion:184 Resp: 531078

Ion Ratio Lower Upper

184 100

185 14.3 12.6 19.0

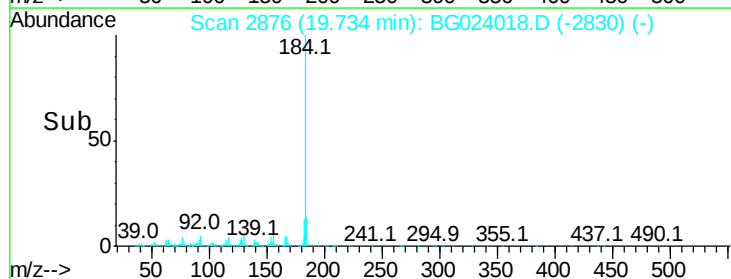
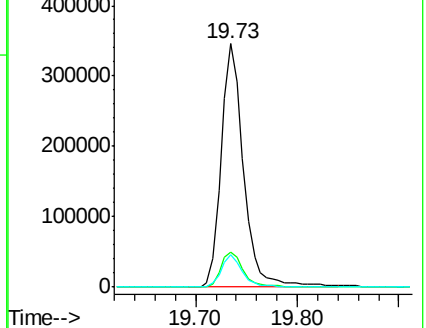
183 13.3 10.7 16.1

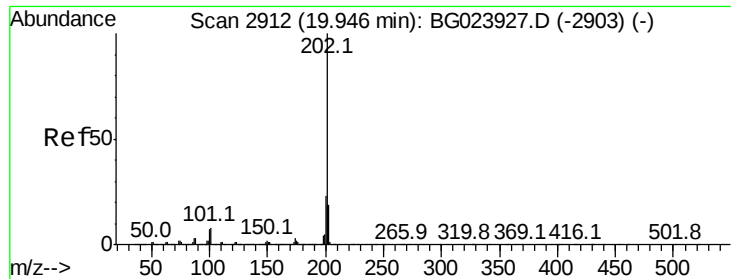


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 37.54 ng

RT: 19.92 min Scan# 2907

Delta R.T. -0.03 min

Lab File: BG024018.D

Acq: 17 Sep 2016 6:52

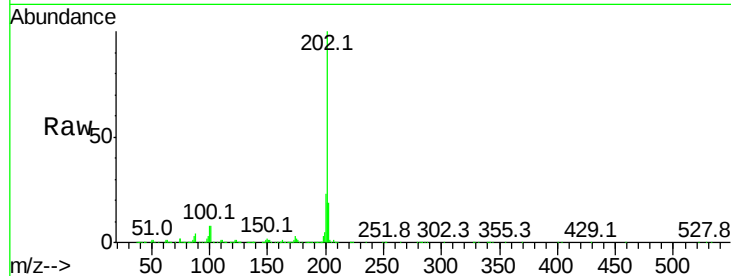
Instrument :

BNA_G

ClientSampleId :

Tot Ion:202 Resp: 1129566

Ion	Ratio	Lower	Upper
202	100		
200	22.9	21.2	31.8
203	19.0	16.8	25.2

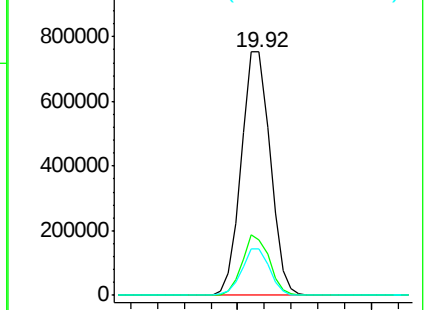


Abundance

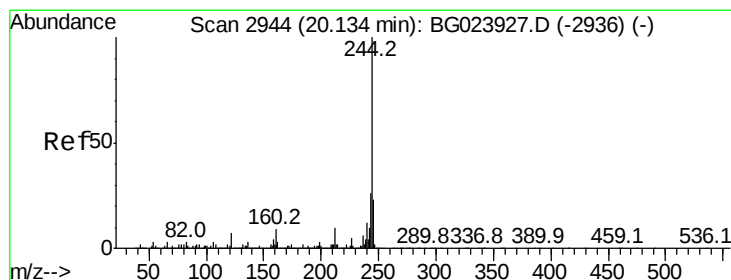
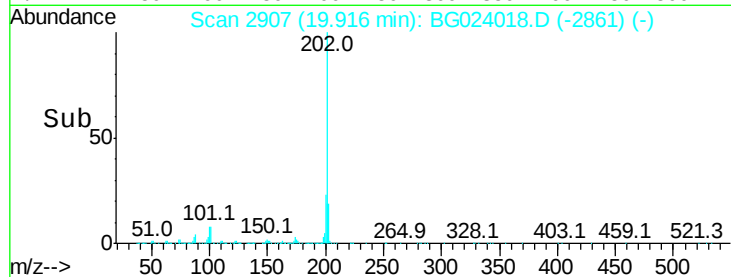
Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#78

Terphenyl-d14

Concen: 74.33 ng

RT: 20.10 min Scan# 2939

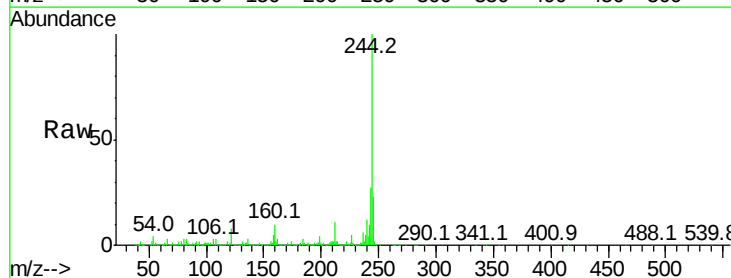
Delta R.T. -0.03 min

Lab File: BG024018.D

Acq: 17 Sep 2016 6:52

Tgt Ion:244 Resp: 1596743

Ion	Ratio	Lower	Upper
244	100		
212	10.7	10.8	16.2#
122	8.1	8.0	12.0

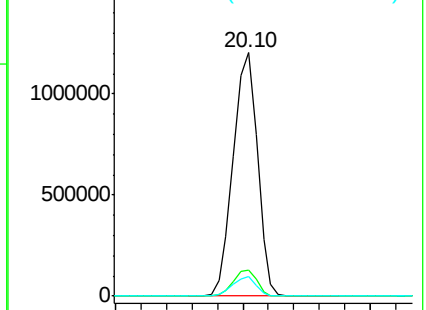


Abundance

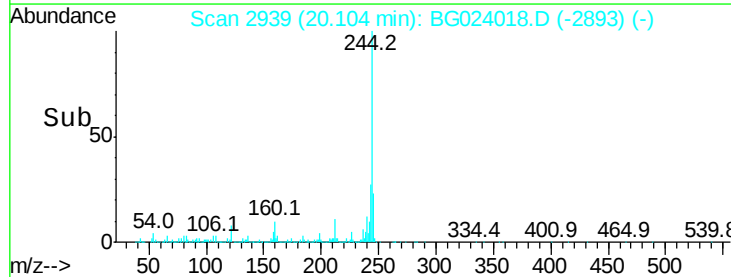
Ion 244.00 (243.70 to 244.70): E

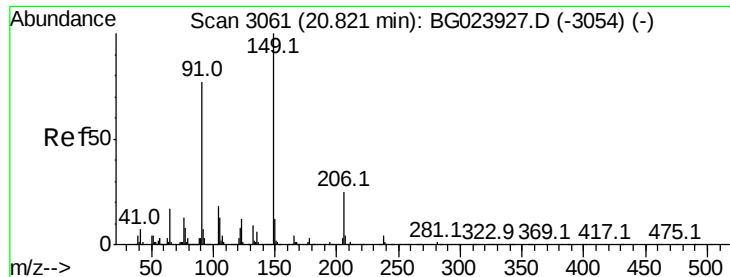
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->





#79

Butylbenzylphthalate

Concen: 39.42 ng

RT: 20.79 min Scan# 3055

Delta R.T. -0.03 min

Lab File: BG024018.D

Acq: 17 Sep 2016 6:52

Instrument :

BNA_G

ClientSampleId :

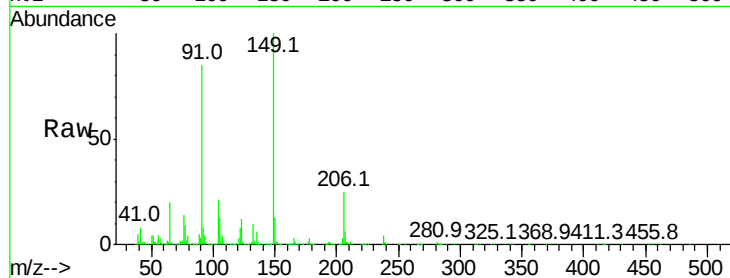
Tot Ion:149 Resp: 457269

Ion Ratio Lower Upper

149 100

91 84.9 68.1 102.1

206 24.7 19.8 29.6



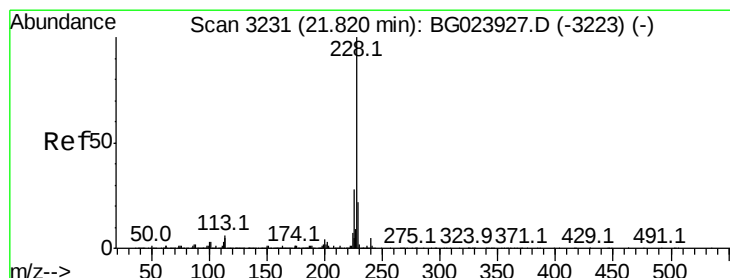
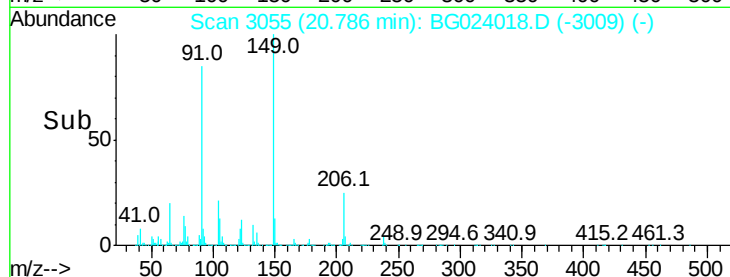
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

20.79

Time-->



#80

Benzo(a)anthracene

Concen: 40.79 ng

RT: 21.78 min Scan# 3224

Delta R.T. -0.04 min

Lab File: BG024018.D

Acq: 17 Sep 2016 6:52

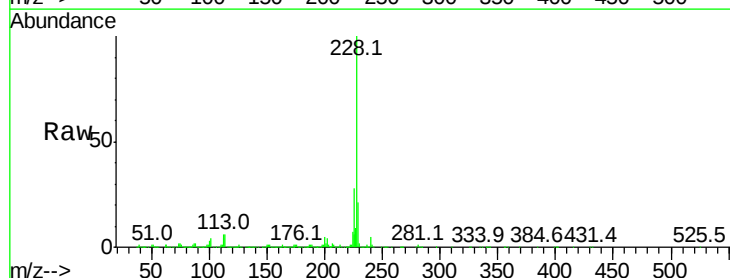
Tgt Ion:228 Resp: 1117012

Ion Ratio Lower Upper

228 100

226 28.1 25.3 37.9

229 21.1 19.9 29.9



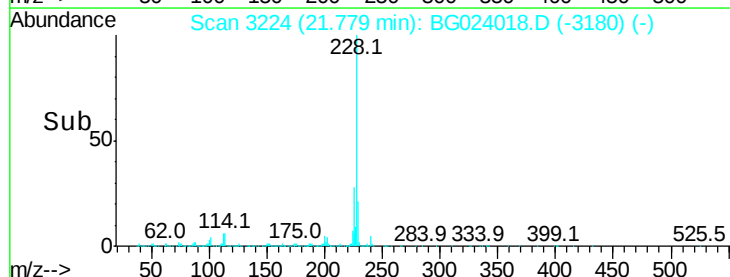
Abundance Ion 228.00 (227.70 to 228.70): E

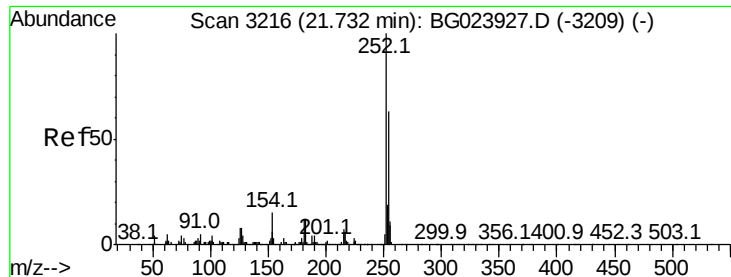
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

21.78

Time-->





#81

3,3'-Dichlorobenzidine

Concen: 41.76 ng

RT: 21.70 min Scan# 3210

Delta R.T. -0.03 min

Lab File: BG024018.D

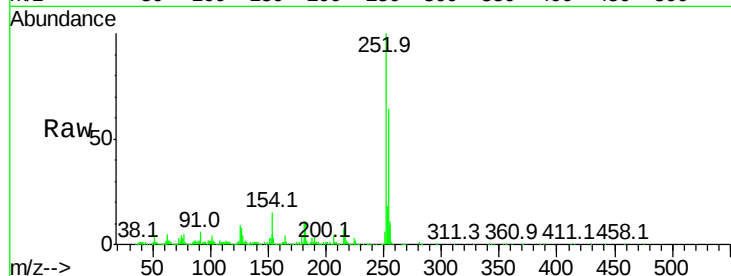
Acq: 17 Sep 2016 6:52

Instrument :

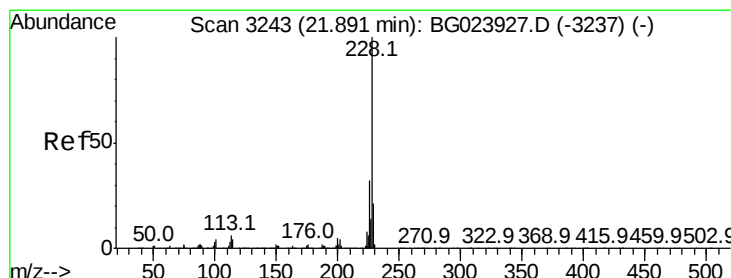
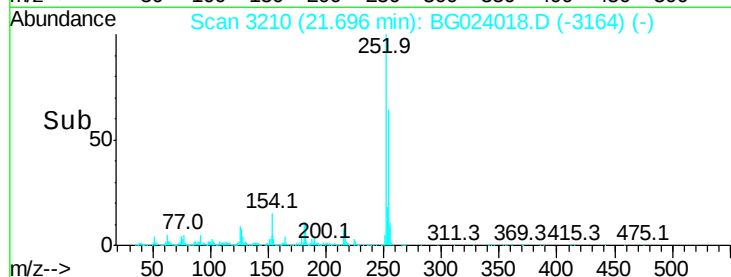
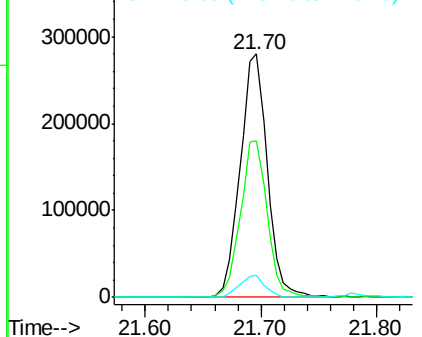
BNA_G

ClientSampleId :

Tot Ion:	252	Resp:	457107
Ion	Ratio	Lower	Upper
252	100		
254	64.3	51.2	76.8
126	8.9	5.3	7.9#



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



#82

Chrysene

Concen: 40.93 ng

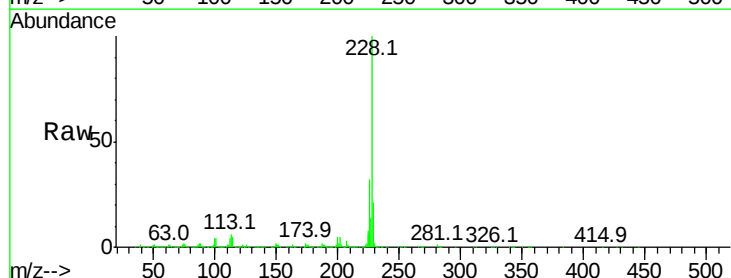
RT: 21.85 min Scan# 3236

Delta R.T. -0.04 min

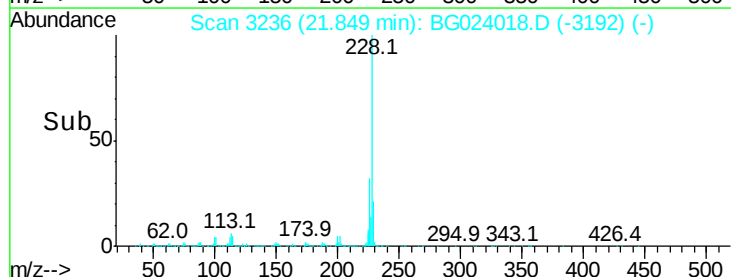
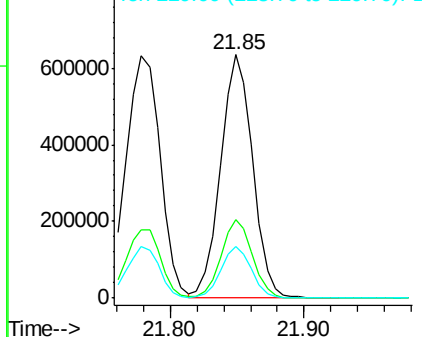
Lab File: BG024018.D

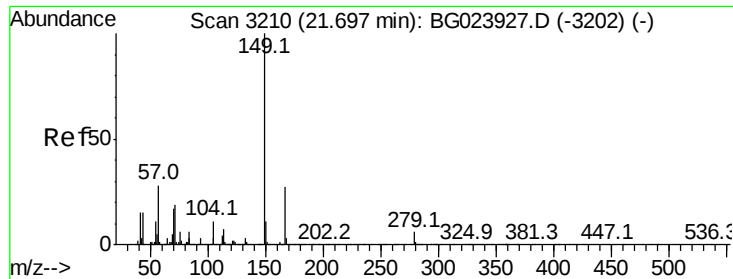
Acq: 17 Sep 2016 6:52

Tgt Ion:	228	Resp:	1067123
Ion	Ratio	Lower	Upper
228	100		
226	32.0	26.7	40.1
229	21.2	17.4	26.2



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

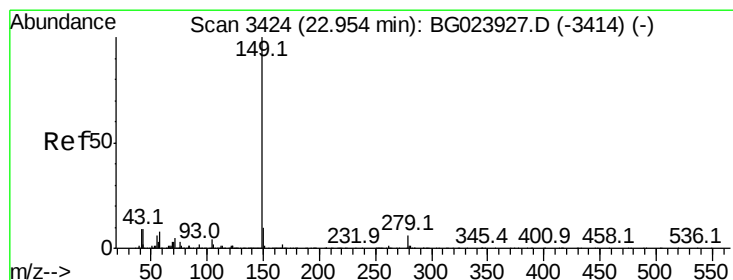
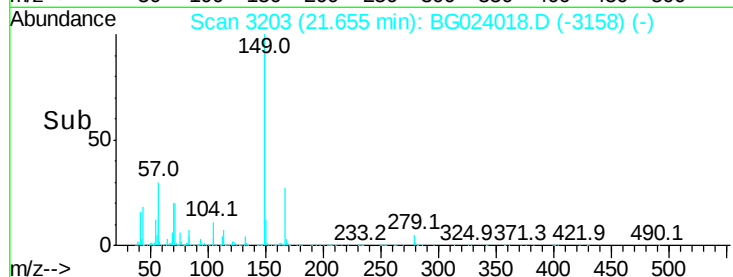
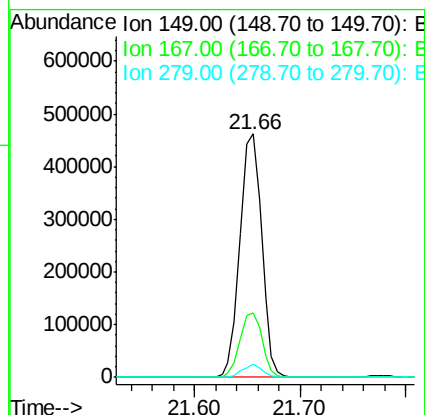
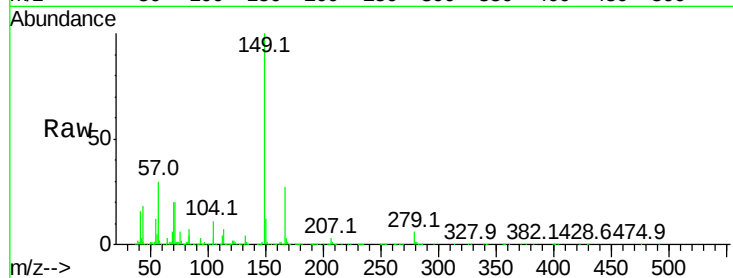




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.43 ng
 RT: 21.66 min Scan# 3203
 Delta R.T. -0.04 min
 Lab File: BG024018.D
 Acq: 17 Sep 2016 6:52

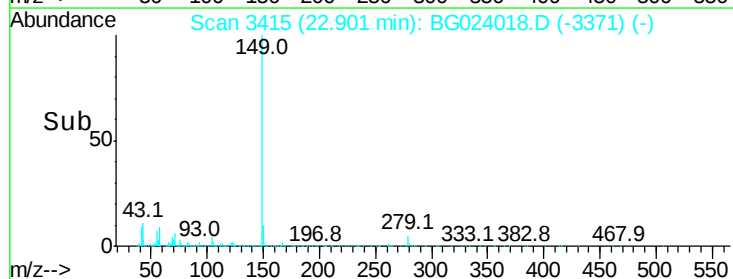
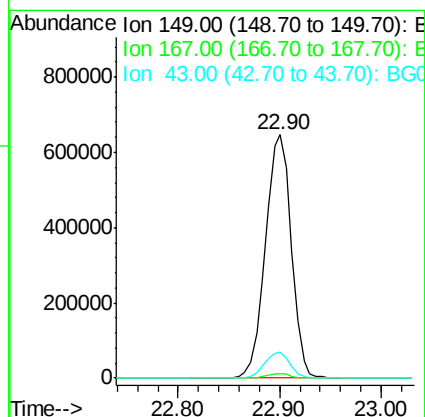
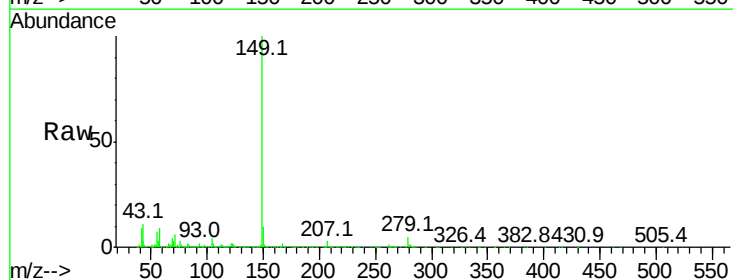
Instrument :
 BNA_G
 ClientSampleId :

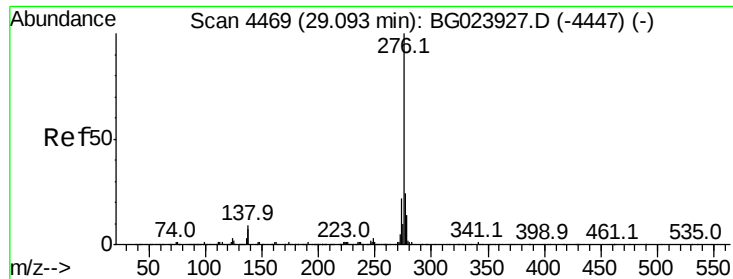
Tot Ion:149 Resp: 658030
 Ion Ratio Lower Upper
 149 100
 167 26.7 24.0 36.0
 279 5.5 4.8 7.2



#84
 Di-n-octyl phthalate
 Concen: 44.40 ng
 RT: 22.90 min Scan# 3415
 Delta R.T. -0.04 min
 Lab File: BG024018.D
 Acq: 17 Sep 2016 6:52

Tgt Ion:149 Resp: 1156446
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.5 2.3
 43 10.6 8.8 13.2





#85

Indeno(1,2,3-cd)pyrene

Concen: 47.71 ng

RT: 28.97 min Scan# 4449

Delta R.T. -0.11 min

Lab File: BG024018.D

Acq: 17 Sep 2016 6:52

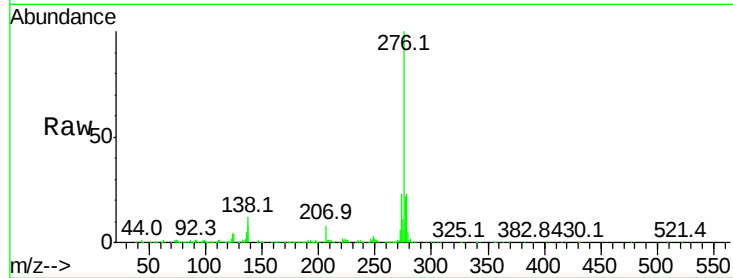
Instrument :

BNA_G

ClientSampleId :

Tot Ion:276 Resp: 1377140

Ion	Ratio	Lower	Upper
276	100		
138	4.7	0.0	0.0#
277	25.7	0.0	0.0#

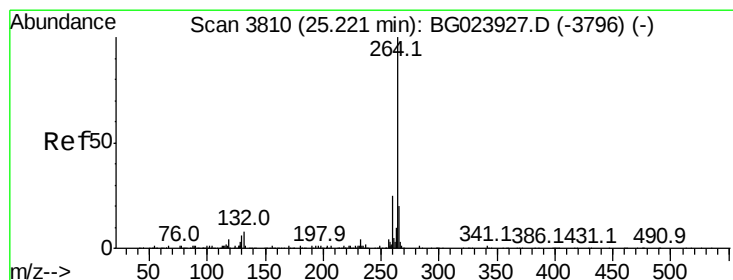
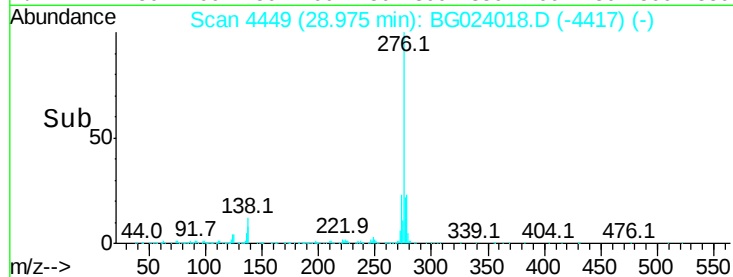
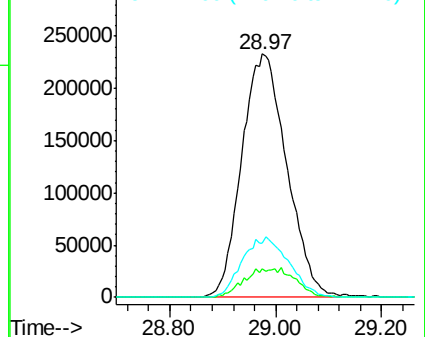


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.14 min Scan# 3797

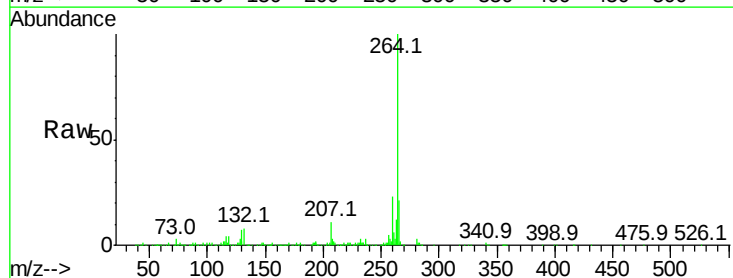
Delta R.T. -0.07 min

Lab File: BG024018.D

Acq: 17 Sep 2016 6:52

Tgt Ion:264 Resp: 509032

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.4	27.6
265	21.4	18.9	28.3

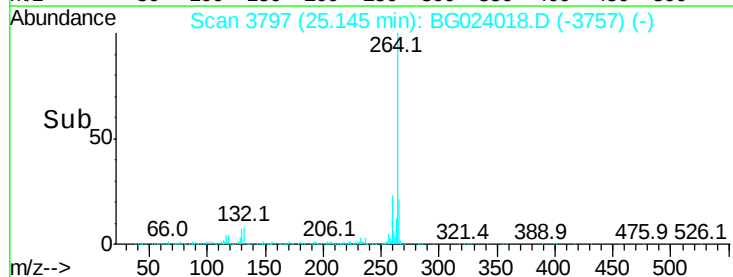
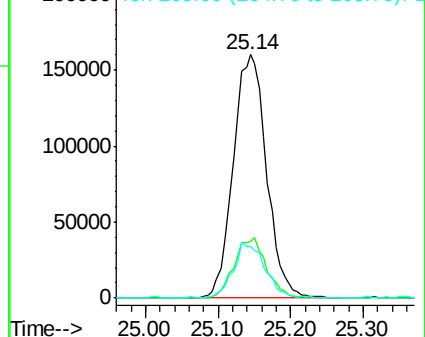


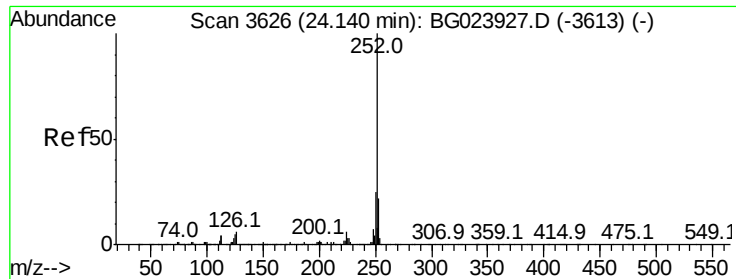
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 40.60 ng

RT: 24.15 min Scan# 3627

Delta R.T. 0.01 min

Lab File: BG024018.D

Acq: 17 Sep 2016 6:52

Instrument :

BNA_G

ClientSampleId :

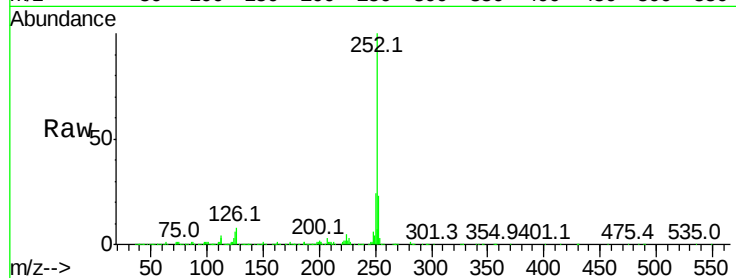
Tot Ion:252 Resp: 1174137

Ion Ratio Lower Upper

252 100

253 22.6 18.9 28.3

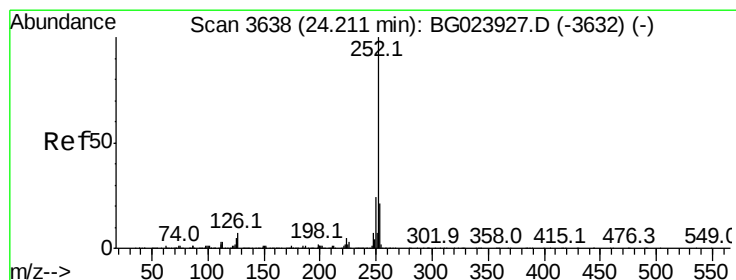
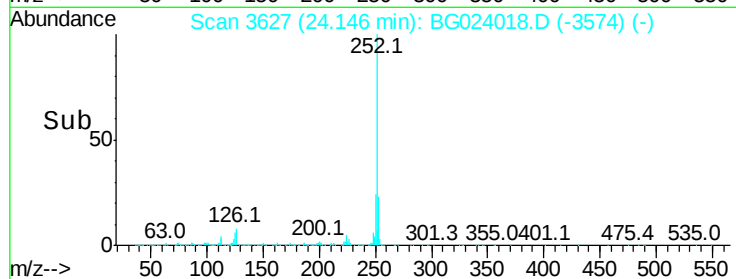
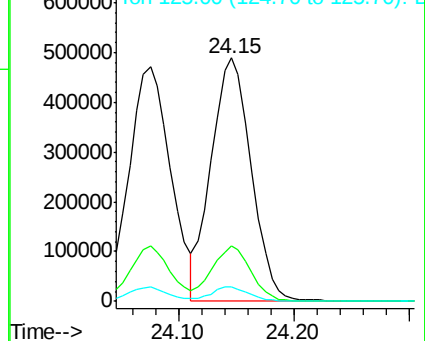
125 5.7 3.9 5.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 40.95 ng

RT: 24.15 min Scan# 3627

Delta R.T. -0.06 min

Lab File: BG024018.D

Acq: 17 Sep 2016 6:52

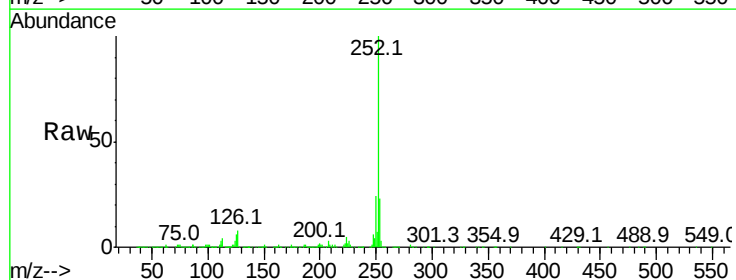
Tgt Ion:252 Resp: 1174137

Ion Ratio Lower Upper

252 100

253 22.6 18.8 28.2

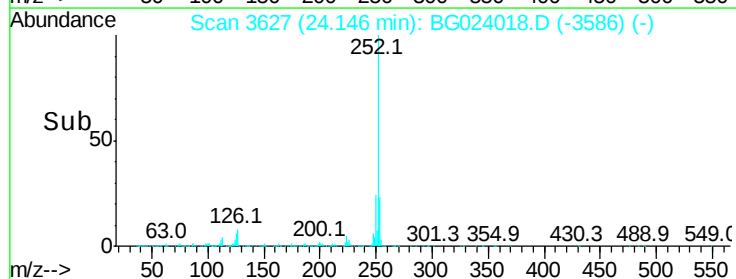
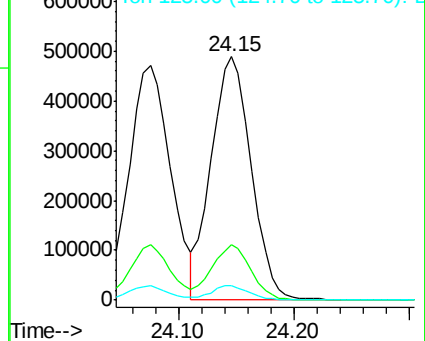
125 5.7 3.2 4.8#

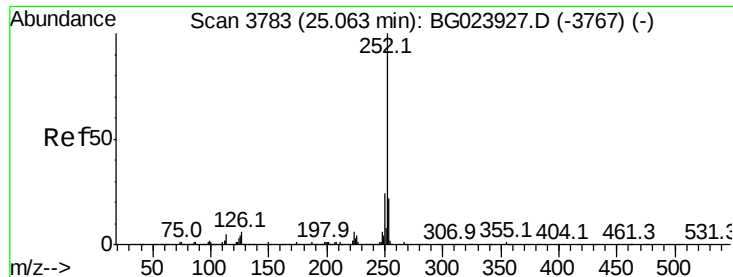


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 41.64 ng

RT: 24.99 min Scan# 3770

Delta R.T. -0.07 min

Lab File: BG024018.D

Acq: 17 Sep 2016 6:52

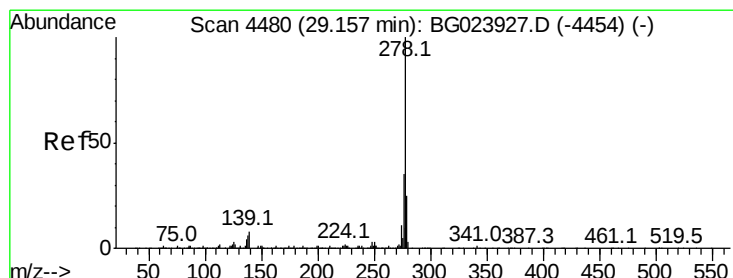
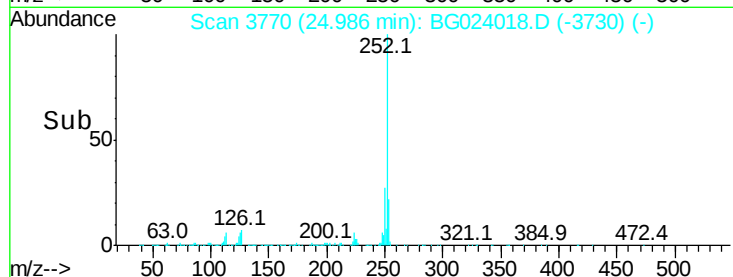
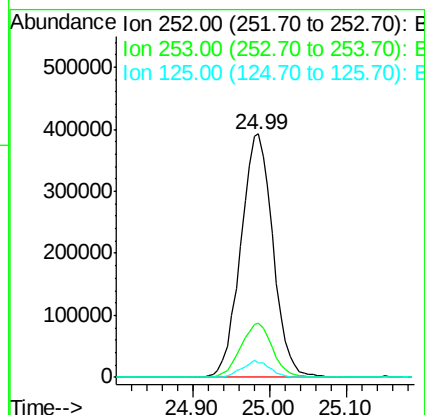
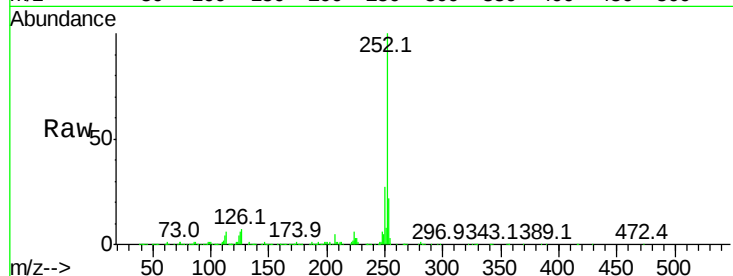
Instrument :

BNA_G

ClientSampled :

Tot Ion:252 Resp: 1143370

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.7	28.1
125	5.9	3.9	5.9#



#90

Dibenzo(a,h)anthracene

Concen: 41.93 ng

RT: 29.03 min Scan# 4458

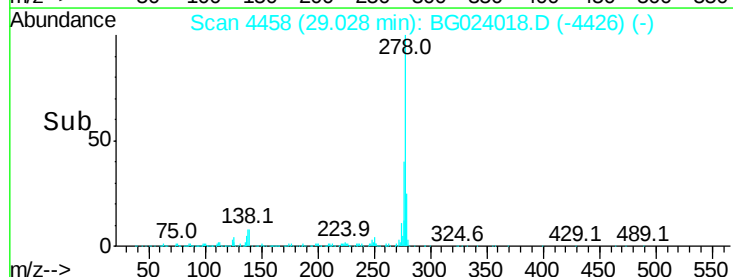
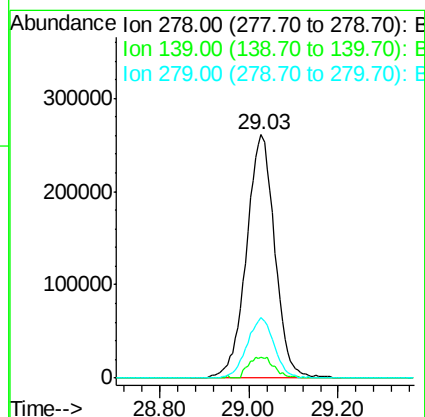
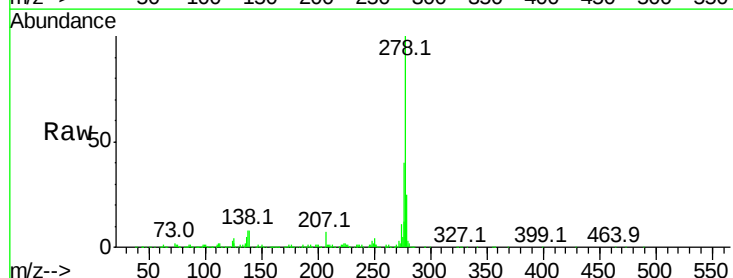
Delta R.T. -0.11 min

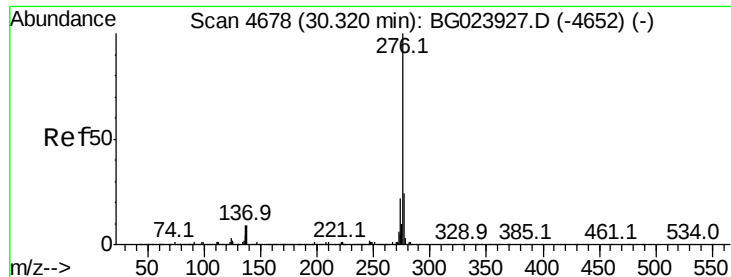
Lab File: BG024018.D

Acq: 17 Sep 2016 6:52

Tgt Ion:278 Resp: 1132309

Ion	Ratio	Lower	Upper
278	100		
139	8.4	4.7	7.1#
279	24.9	18.3	27.5





#91

Benzo(a,h,i)perylene

Concen: 43.40 ng

RT: 30.17 min Scan# 4653

Delta R.T. -0.12 min

Lab File: BG024018.D

Acq: 17 Sep 2016 6:52

Instrument :

BNA_G

ClientSampleId :

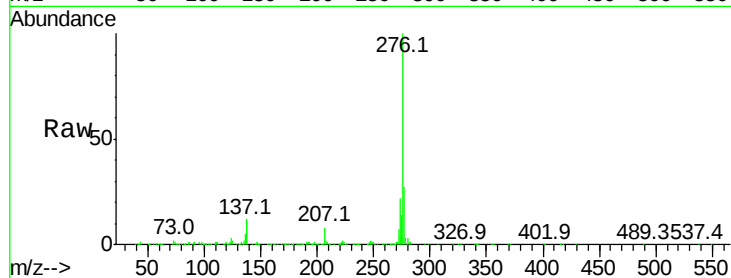
Tot Ion:276 Resp: 1127029

Ion Ratio Lower Upper

276 100

277 26.5 18.6 27.8

138 10.5 6.8 10.2#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

