

Data Path : Z:\HPCHEM1\BNA G\DATA\BG073116\
 Data File : BG023359.D
 Acq On : 30 Jul 2016 16:07
 Operator : UM/SJ
 Sample : PB92558BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 01 01:23:03 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG072616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 27 17:30:33 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	151231	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	732046	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	527167	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	1166856	20.00	ng	0.00
75) Chrysene-d12	21.89	240	1050367	20.00	ng	0.00
86) Perylene-d12	25.30	264	1078730	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.68	112	1336407	150.86	ng	0.00
7) Phenol-d6	7.29	99	2000601	147.10	ng	0.00
23) Nitrobenzene-d5	9.31	82	1314527	87.81	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	915693	167.82	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2626492	93.25	ng	0.00
78) Terphenyl-d14	20.17	244	2924063	90.49	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	124226	32.70	ng	# 90
3) Pyridine	3.93	79	432572	32.53	ng	93
4) n-Nitrosodimethylamine	3.85	42	201353	33.51	ng	# 67
6) Aniline	7.46	93	648603	35.70	ng	94
8) 2-Chlorophenol	7.70	128	519980	52.61	ng	96
9) Benzaldehyde	7.26	77	256538	26.26	ng	95
10) Phenol	7.32	94	764636	53.28	ng	80
11) bis(2-Chloroethyl)ether	7.55	93	516733	42.36	ng	92
12) 1,3-Dichlorobenzene	8.17	146	497414	44.66	ng	93
13) 1,4-Dichlorobenzene	8.17	146	497414	43.77	ng	95
14) 1,2-Dichlorobenzene	8.50	146	486861	44.42	ng	94
15) Benzyl Alcohol	8.38	79	563204	61.53	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.67	45	748122	38.54	ng	89
17) 2-Methylphenol	8.58	107	518085	52.82	ng	# 88
18) Hexachloroethane	9.23	117	193316	40.83	ng	93
19) n-Nitroso-di-n-propylamine	8.94	70	521873	42.66	ng	97
20) 3+4-Methylphenols	8.92	107	734094	55.04	ng	92
22) Acetophenone	8.97	105	753335	39.42	ng	# 93
24) Nitrobenzene	9.36	77	721453	41.50	ng	# 86
25) Isophorone	9.88	82	1404603	45.43	ng	# 93
26) 2-Nitrophenol	10.08	139	316663	48.23	ng	# 77
27) 2,4-Dimethylphenol	10.13	122	586063	52.96	ng	85
28) bis(2-Chloroethoxy)methane	10.36	93	807322	46.54	ng	99
29) 2,4-Dichlorophenol	10.62	162	614070	57.31	ng	97
30) 1,2,4-Trichlorobenzene	10.83	180	537516	45.40	ng	99
31) Naphthalene	11.02	128	1566387	46.05	ng	98
32) Benzoic acid	10.25	122	205433	27.06	ng	# 90
33) 4-Chloroaniline	11.14	127	175690	11.18	ng	# 87
34) Hexachlorobutadiene	11.30	225	336454	43.36	ng	97
35) Caprolactam	11.92	113	204957	44.98	ng	93
36) 4-Chloro-3-methylphenol	12.26	107	740993	52.64	ng	93
37) 2-Methylnaphthalene	12.63	142	1228442	48.71	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	591523	34.66	ng	98
40) Hexachlorocyclopentadiene	12.97	237	813100	100.54	ng	98

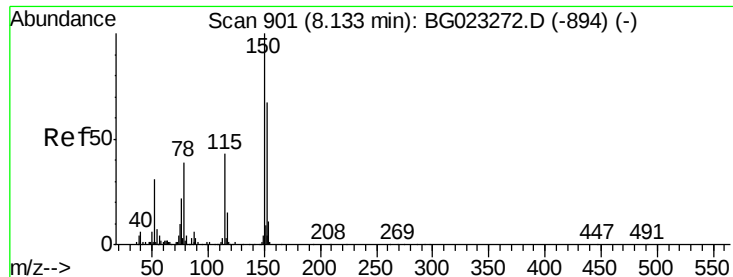
Data Path : Z:\HPCHEM1\BNA G\DATA\BG073116\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.24	196	523729	52.25	ng	97
43) 2,4,5-Trichlorophenol	13.32	196	570214	53.62	ng	91
45) 1,1'-Biphenyl	13.64	154	1520224	41.35	ng	96
46) 2-Chloronaphthalene	13.68	162	1329219	45.12	ng	94
47) 2-Nitroaniline	13.89	65	572537	45.94	ng	# 86
48) Acenaphthylene	14.53	152	2095905	46.47	ng	95
49) Dimethylphthalate	14.25	163	1798194	46.22	ng	97
50) 2,6-Dinitrotoluene	14.38	165	430931	47.30	ng	# 82
51) Acenaphthene	14.87	154	1340399	45.81	ng	98
52) 3-Nitroaniline	14.72	138	211683	23.07	ng	# 82
53) 2,4-Dinitrophenol	14.92	184	443231	83.09	ng	91
54) Dibenzofuran	15.20	168	2067546	49.94	ng	98
55) 4-Nitrophenol	15.03	139	603687	75.85	ng	# 81
56) 2,4-Dinitrotoluene	15.17	165	598913	46.69	ng	# 86
57) Fluorene	15.86	166	1706583	46.68	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.43	232	509780	56.62	ng	94
59) Diethylphthalate	15.62	149	1771922	44.47	ng	94
60) 4-Chlorophenyl-phenylether	15.84	204	902062	45.58	ng	99
61) 4-Nitroaniline	15.89	138	427094	44.39	ng	# 65
62) Azobenzene	16.14	77	1974548	47.79	ng	91
64) 4,6-Dinitro-2-methylphenol	15.94	198	348561	46.51	ng	94
65) n-Nitrosodiphenylamine	16.06	169	1585305	50.89	ng	96
66) 4-Bromophenyl-phenylether	16.74	248	631117	53.49	ng	97
67) Hexachlorobenzene	16.87	284	646361	54.49	ng	95
68) Atrazine	17.01	200	487510	40.80	ng	97
69) Pentachlorophenol	17.22	266	660536	90.22	ng	98
70) Phenanthrene	17.61	178	2502029	49.02	ng	94
71) Anthracene	17.71	178	2546776	49.39	ng	92
72) Carbazole	17.98	167	2179799	46.15	ng	97
73) Di-n-butylphthalate	18.52	149	2269047	43.06	ng	96
74) Fluoranthene	19.62	202	2511537	43.12	ng	94
76) Benzidine	19.80	184	929558	31.47	ng	98
77) Pyrene	19.99	202	2491043	41.79	ng	96
79) Butylbenzylphthalate	20.86	149	1204853	45.95	ng	99
80) Benzo(a)anthracene	21.87	228	2536294	46.12	ng	99
81) 3,3'-Dichlorobenzidine	21.78	252	710029	31.84	ng	# 96
82) Chrysene	21.94	228	2357371	44.37	ng	95
83) Bis(2-ethylhexyl)phthalate	21.75	149	1669025	45.49	ng	98
84) Di-n-octyl phthalate	23.02	149	2762625	46.03	ng	100
85) Indeno(1,2,3-cd)pyrene	29.19	276	3241235	52.30	ng	# 100
87) Benzo(b)fluoranthene	24.21	252	2719745	47.46	ng	# 95
88) Benzo(k)fluoranthene	24.27	252	2653536	46.32	ng	# 94
89) Benzo(a)pyrene	25.13	252	2656981	47.31	ng	# 96
90) Dibenzo(a,h)anthracene	29.26	278	2697190	50.77	ng	# 90
91) Benzo(g,h,i)perylene	30.40	276	2700594	48.29	ng	# 92

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.14 min Scan# 902

Delta R.T. -0.00 min

Lab File: BG023359.D

Acq: 30 Jul 2016 16:07

Instrument :

BNA_G

ClientSampleId :

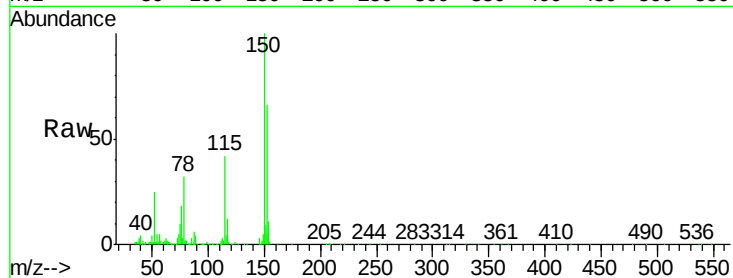
Tot Ion:152 Resp: 151231

Ion Ratio Lower Upper

152 100

150 150.7 144.7 217.1

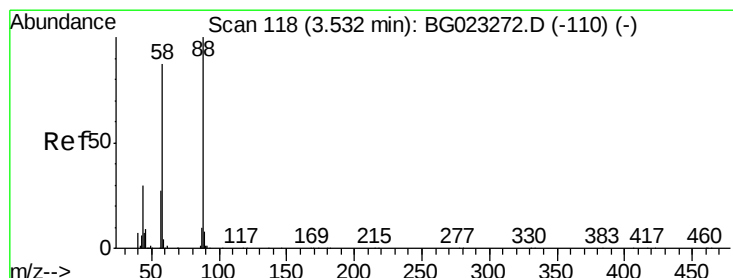
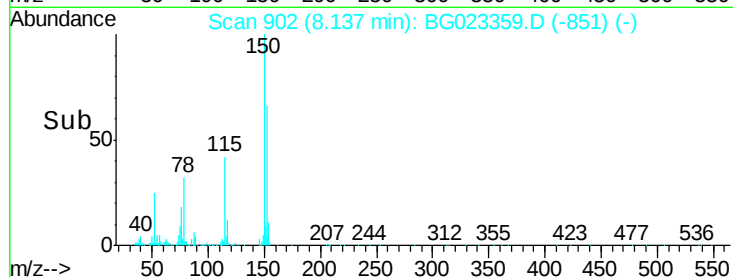
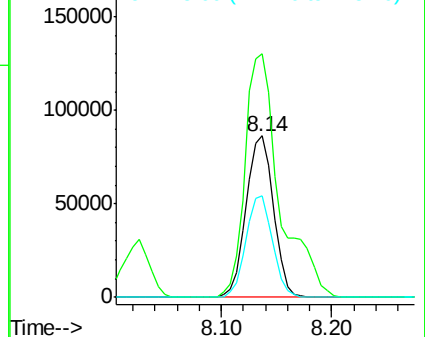
115 62.6 64.0 96.0#



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: 32.70 ng

RT: 3.53 min Scan# 117

Delta R.T. -0.01 min

Lab File: BG023359.D

Acq: 30 Jul 2016 16:07

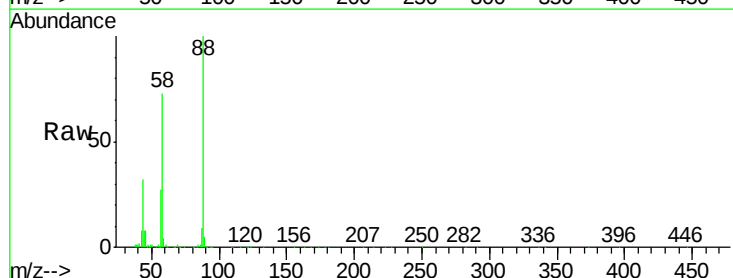
Tgt Ion: 88 Resp: 124226

Ion Ratio Lower Upper

88 100

58 80.7 60.4 90.6

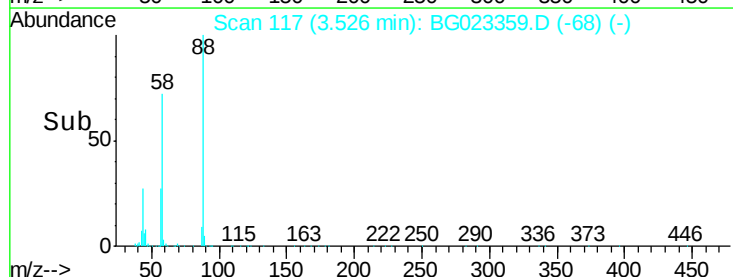
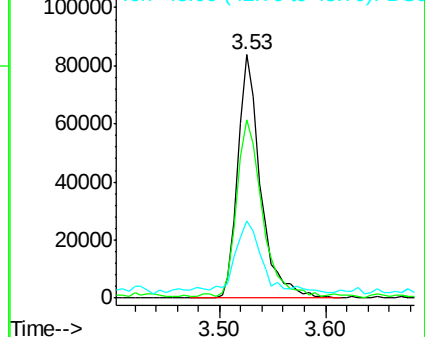
43 28.2 31.1 46.7#

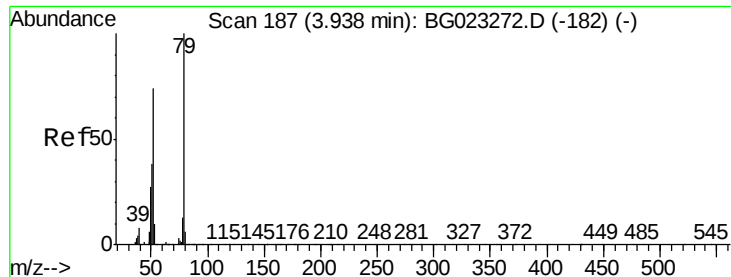


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 32.53 ng

RT: 3.93 min Scan# 186

Delta R.T. -0.03 min

Lab File: BG023359.D

Acq: 30 Jul 2016 16:07

Instrument :

BNA_G

ClientSampleId :

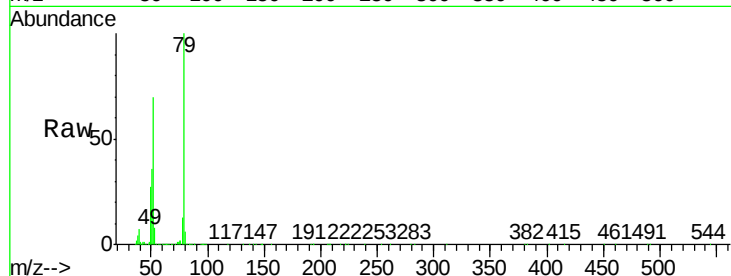
Tot Ion: 79 Resp: 432572

Ion Ratio Lower Upper

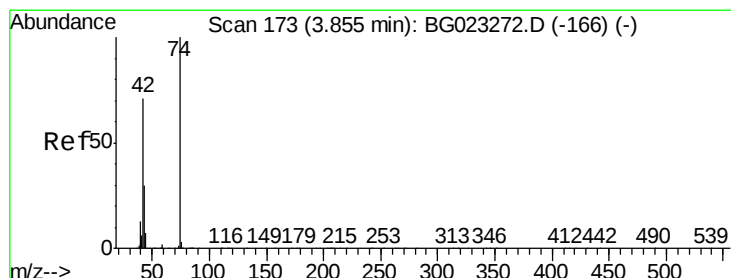
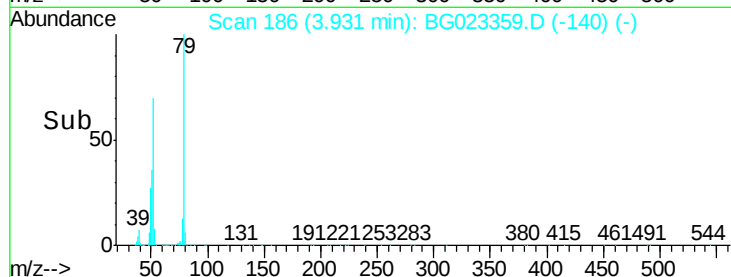
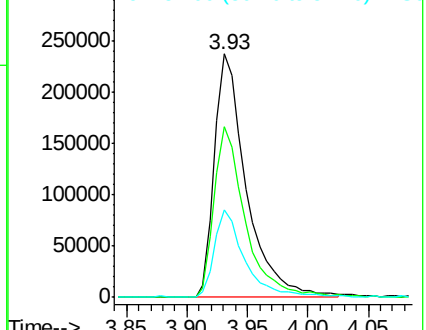
79 100

52 70.1 51.8 77.8

51 35.7 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: 33.51 ng

RT: 3.85 min Scan# 172

Delta R.T. -0.01 min

Lab File: BG023359.D

Acq: 30 Jul 2016 16:07

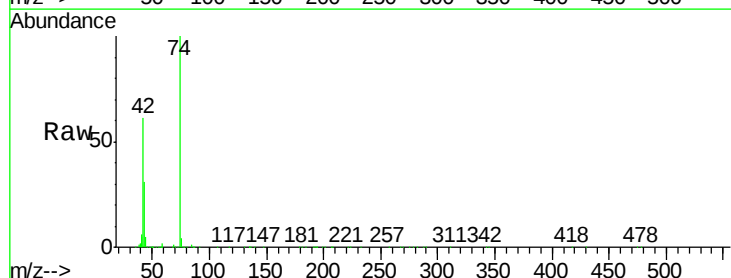
Tgt Ion: 42 Resp: 201353

Ion Ratio Lower Upper

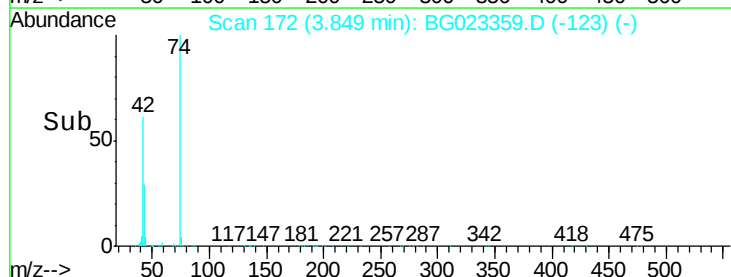
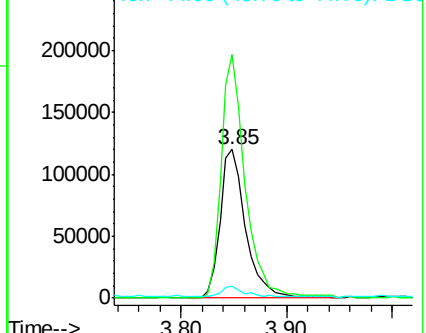
42 100

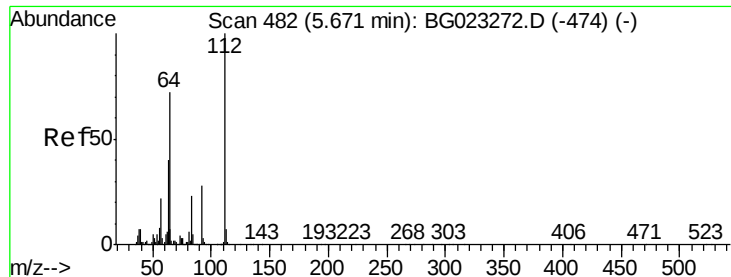
74 164.1 100.6 150.8#

44 8.3 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: 150.86 ng

RT: 5.68 min Scan# 483

Delta R.T. 0.00 min

Lab File: BG023359.D

Acq: 30 Jul 2016 16:07

Instrument :

BNA_G

ClientSampleId :

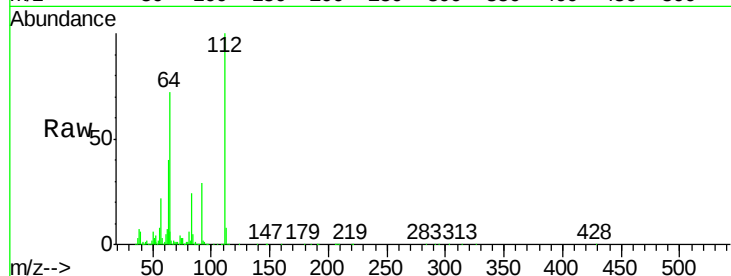
Tot Ion:112 Resp: 1336407

Ion Ratio Lower Upper

112 100

64 72.0 59.0 88.4

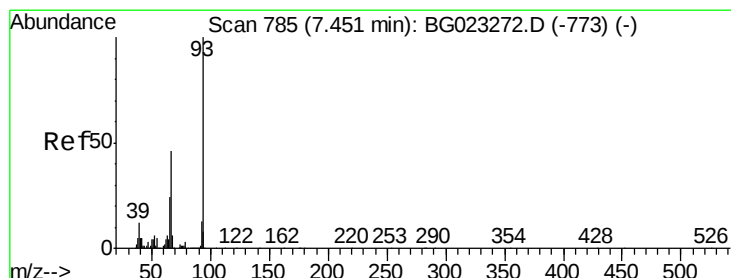
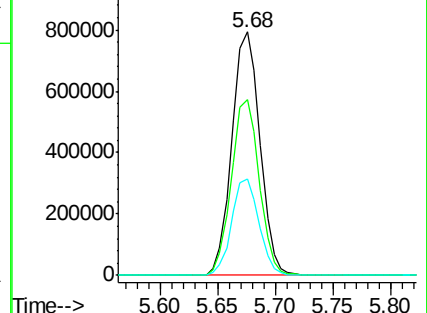
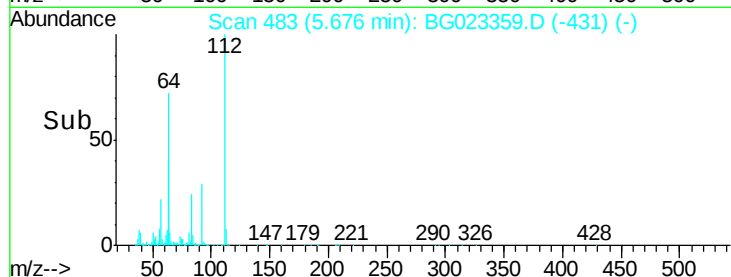
63 39.6 37.8 56.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 35.70 ng

RT: 7.46 min Scan# 786

Delta R.T. 0.00 min

Lab File: BG023359.D

Acq: 30 Jul 2016 16:07

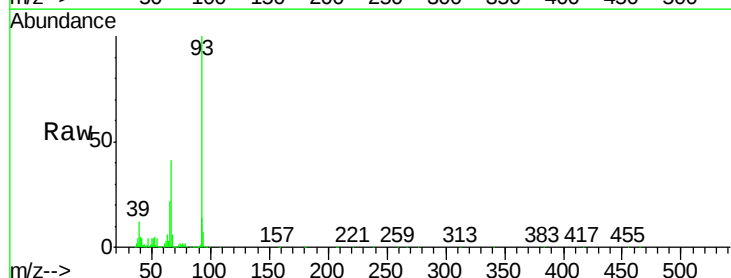
Tgt Ion: 93 Resp: 648603

Ion Ratio Lower Upper

93 100

66 41.1 37.5 56.3

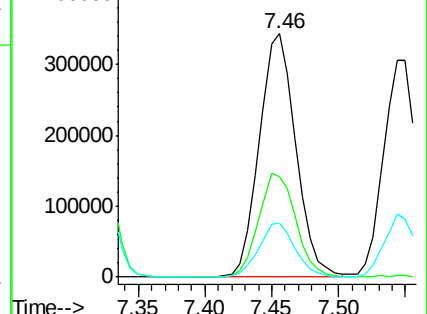
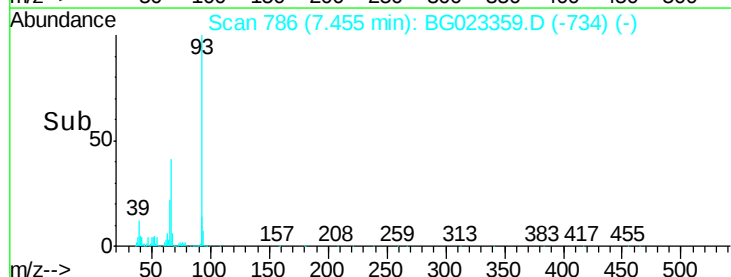
65 22.3 17.9 26.9

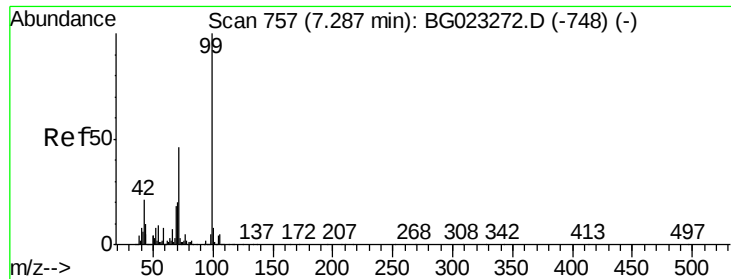


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 147.10 ng

RT: 7.29 min Scan# 758

Delta R.T. 0.00 min

Lab File: BG023359.D

Acq: 30 Jul 2016 16:07

Instrument :

BNA_G

ClientSampleId :

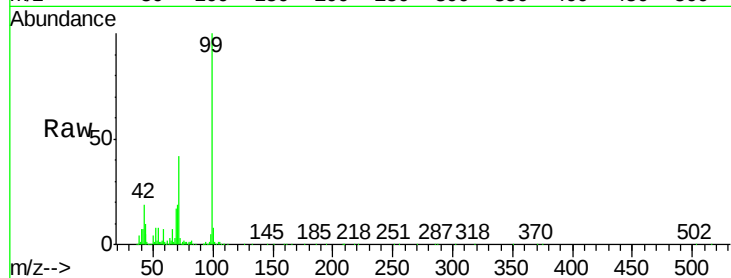
Tot Ion: 99 Resp: 2000601

Ion	Ratio	Lower	Upper
99	100		
42	18.7	17.8	26.6
71	41.9	41.5	62.3

99 100

42 18.7 17.8 26.6

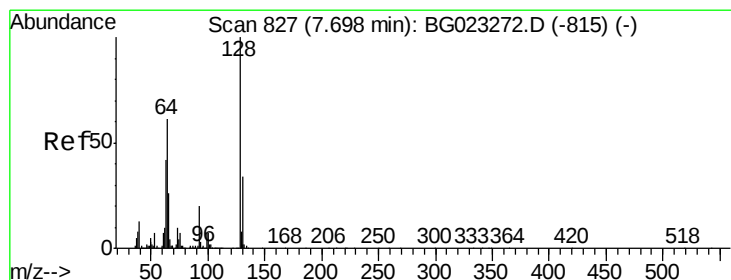
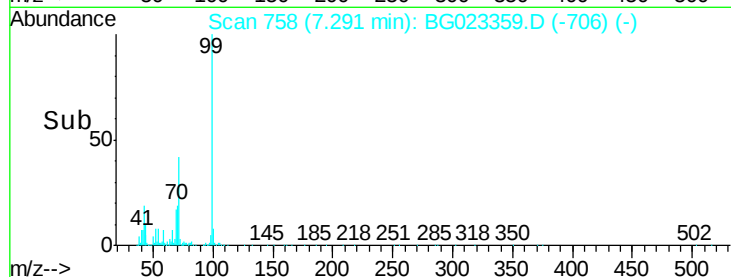
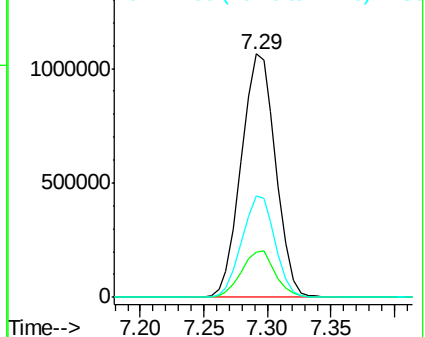
71 41.9 41.5 62.3



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: 52.61 ng

RT: 7.70 min Scan# 827

Delta R.T. -0.00 min

Lab File: BG023359.D

Acq: 30 Jul 2016 16:07

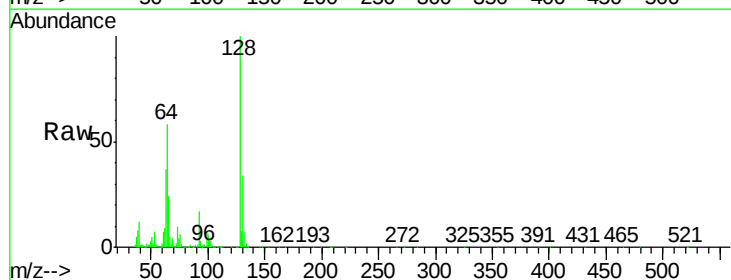
Tgt Ion: 128 Resp: 519980

Ion	Ratio	Lower	Upper
128	100		
130	34.3	12.9	52.9
64	57.9	42.0	82.0

128 100

130 34.3 12.9 52.9

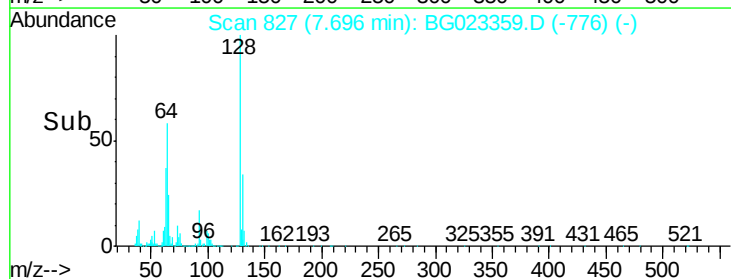
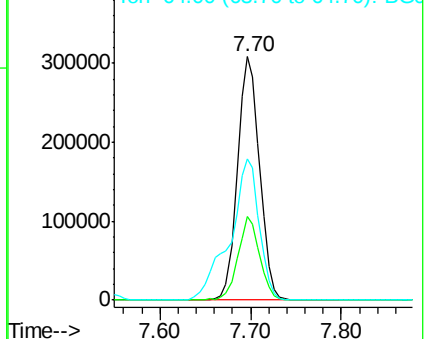
64 57.9 42.0 82.0

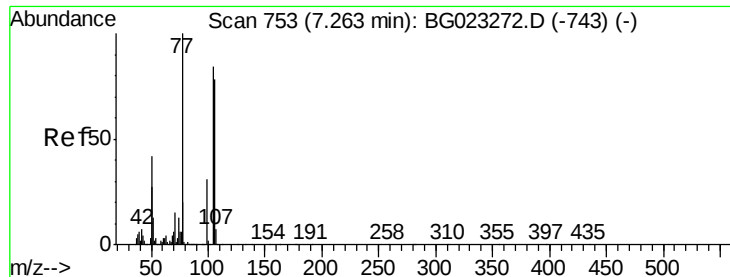


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 26.26 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG023359.D

Acq: 30 Jul 2016 16:07

Instrument :

BNA_G

ClientSampleId :

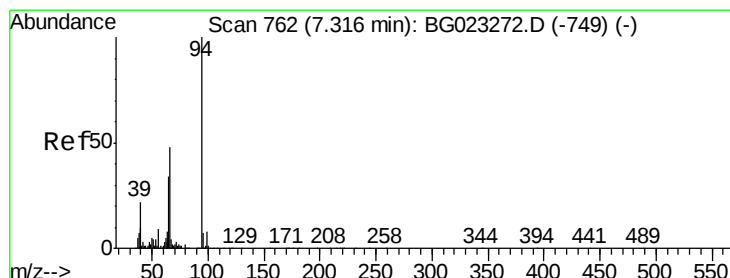
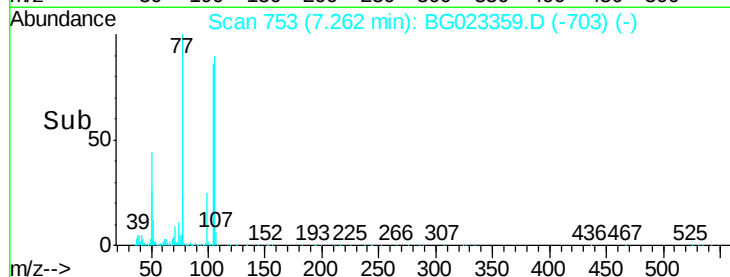
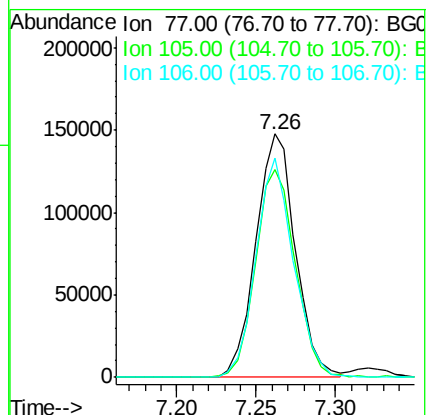
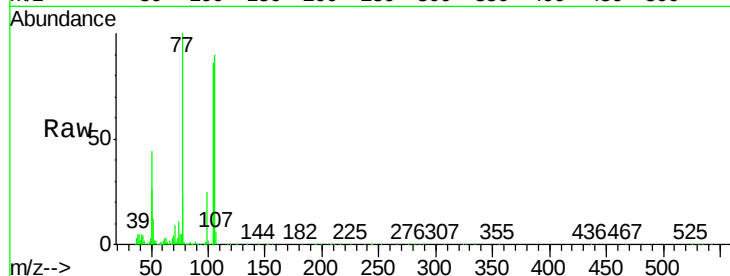
Tot Ion: 77 Resp: 256538

Ion Ratio Lower Upper

77 100

105 85.6 58.7 98.7

106 90.2 67.5 107.5



#10

Phenol

Concen: 53.28 ng

RT: 7.32 min Scan# 763

Delta R.T. 0.00 min

Lab File: BG023359.D

Acq: 30 Jul 2016 16:07

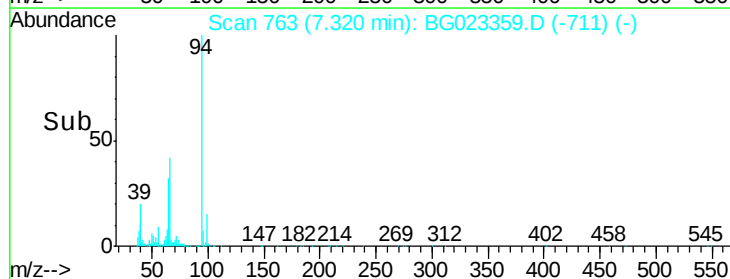
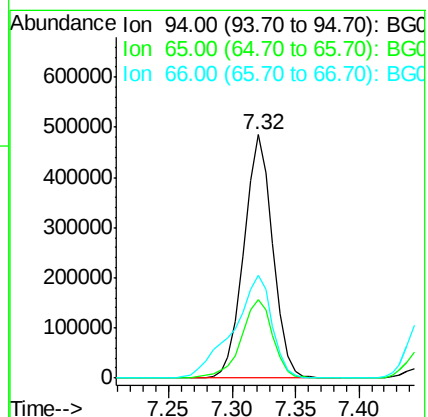
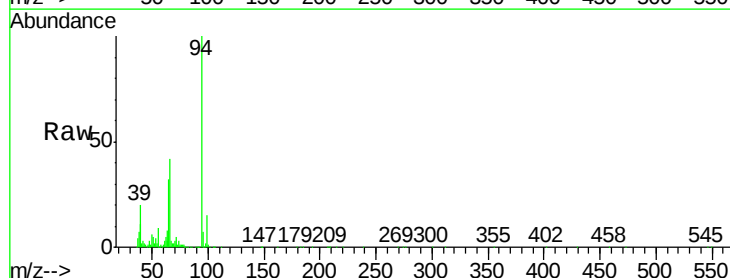
Tgt Ion: 94 Resp: 764636

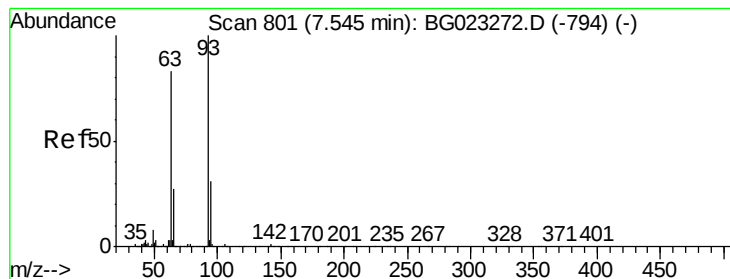
Ion Ratio Lower Upper

94 100

65 32.2 18.1 58.1

66 42.2 42.1 82.1





#11

bis(2-Chloroethyl)ether

Concen: 42.36 ng

RT: 7.55 min Scan# 802

Delta R.T. 0.00 min

Lab File: BG023359.D

Acq: 30 Jul 2016 16:07

Instrument :

BNA_G

ClientSampleId :

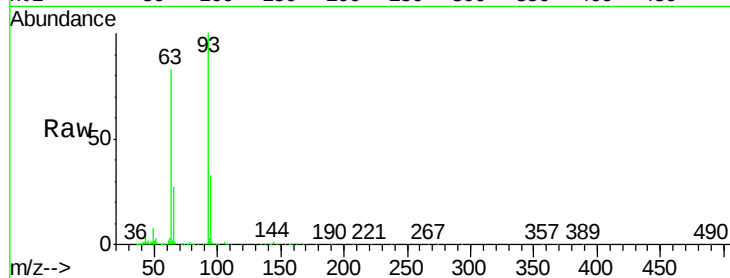
Tot Ion: 93 Resp: 516733

Ion Ratio Lower Upper

93 100

63 83.5 55.0 95.0

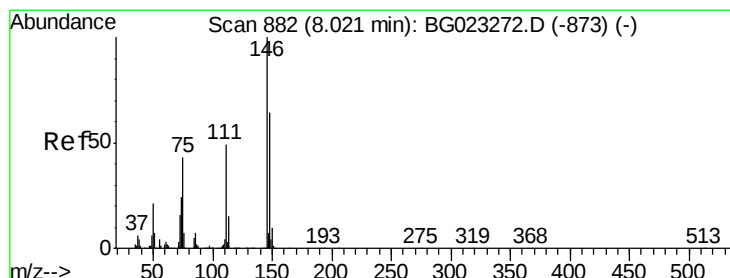
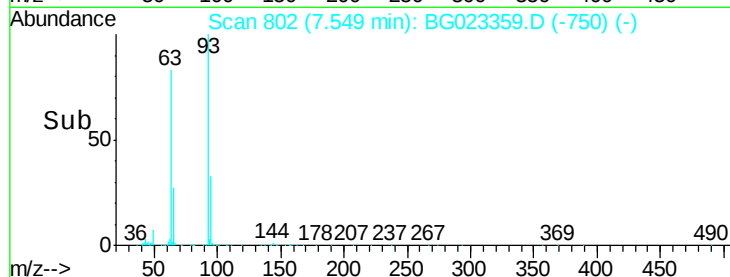
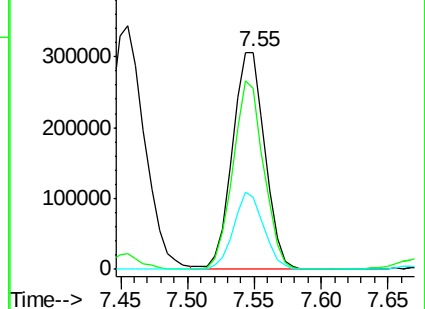
95 33.0 11.0 51.0



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 44.66 ng

RT: 8.17 min Scan# 908

Delta R.T. 0.15 min

Lab File: BG023359.D

Acq: 30 Jul 2016 16:07

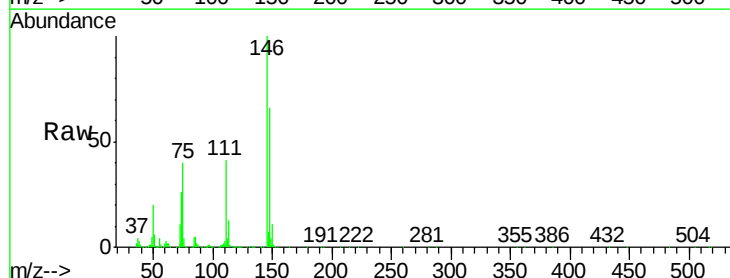
Tgt Ion: 146 Resp: 497414

Ion Ratio Lower Upper

146 100

148 66.4 50.3 75.5

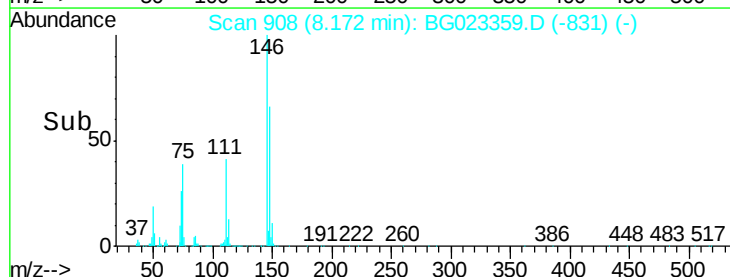
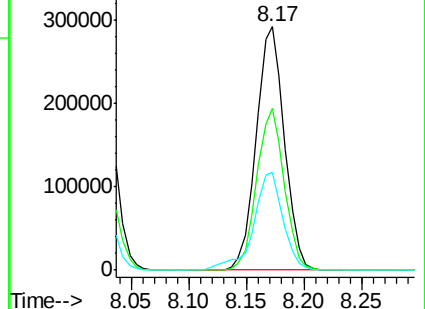
75 39.9 37.0 55.6

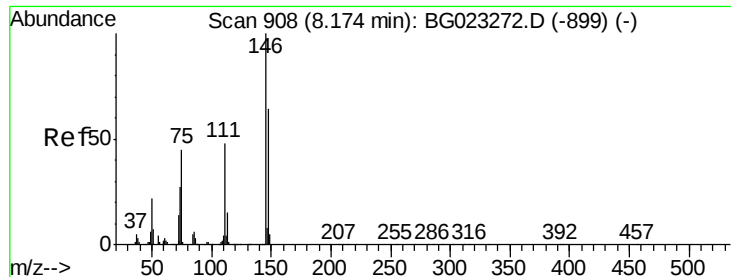


Abundance Ion 146.00 (145.70 to 146.70): BGC

Ion 148.00 (147.70 to 148.70): BGC

Ion 75.00 (74.70 to 75.70): BGC





#13

1,4-Dichlorobenzene

Concen: 43.77 ng

RT: 8.17 min Scan# 908

Delta R.T. -0.00 min

Lab File: BG023359.D

Acq: 30 Jul 2016 16:07

Instrument :

BNA_G

ClientSampleId :

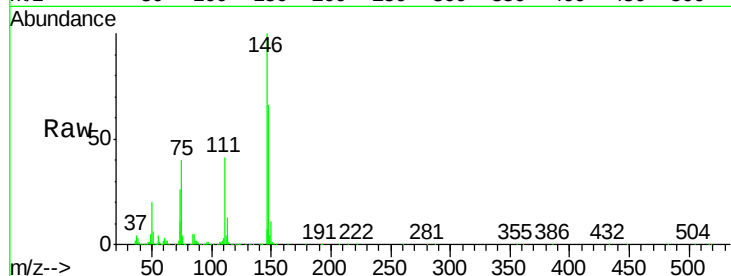
Tot Ion:146 Resp: 497414

Ion Ratio Lower Upper

146 100

148 66.4 54.5 81.7

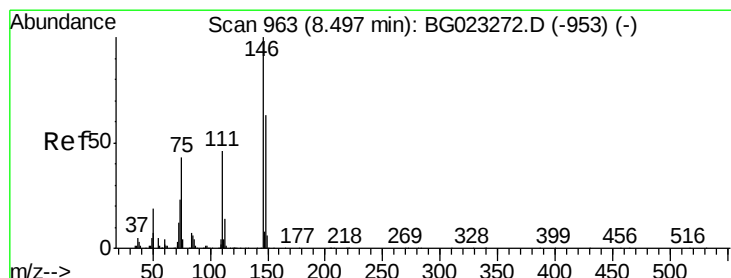
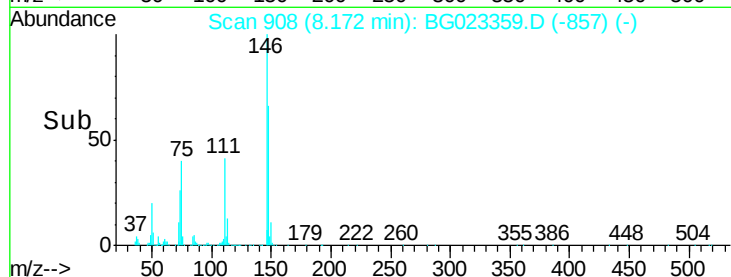
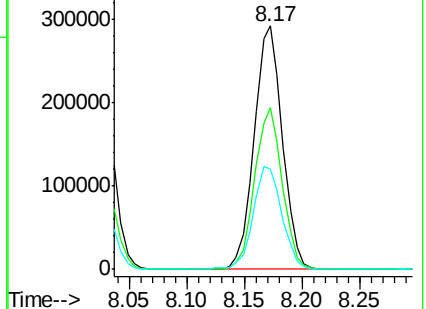
111 41.2 37.8 56.8



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: 44.42 ng

RT: 8.50 min Scan# 963

Delta R.T. 0.00 min

Lab File: BG023359.D

Acq: 30 Jul 2016 16:07

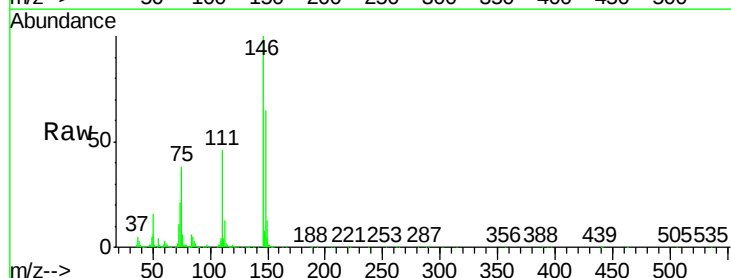
Tgt Ion:146 Resp: 486861

Ion Ratio Lower Upper

146 100

148 65.1 52.9 79.3

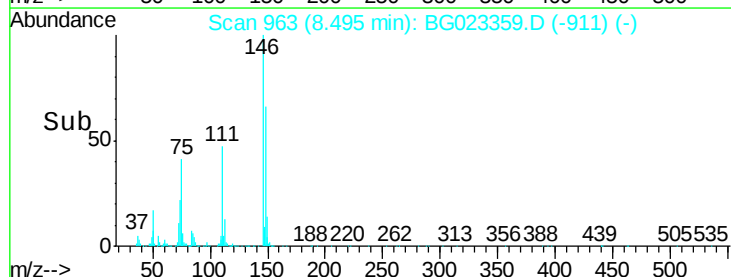
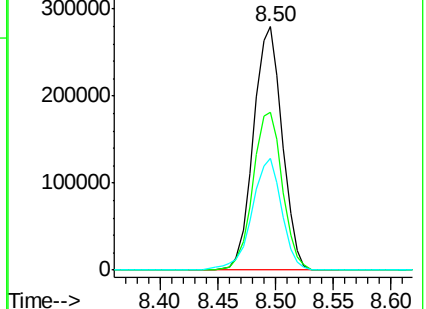
111 45.9 43.5 65.3

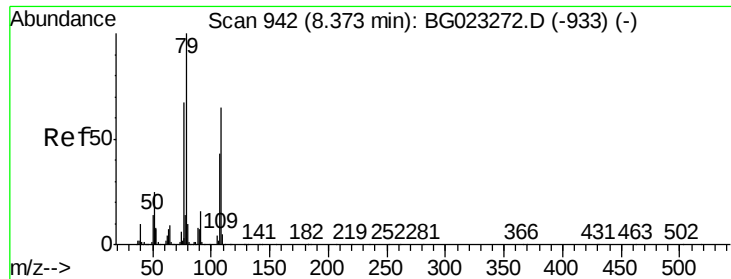


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

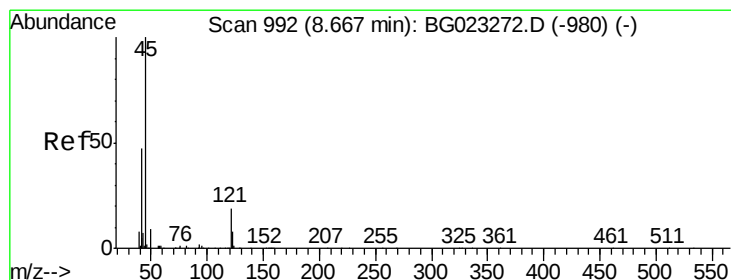
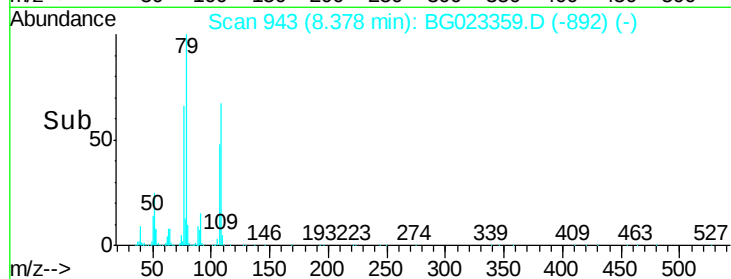
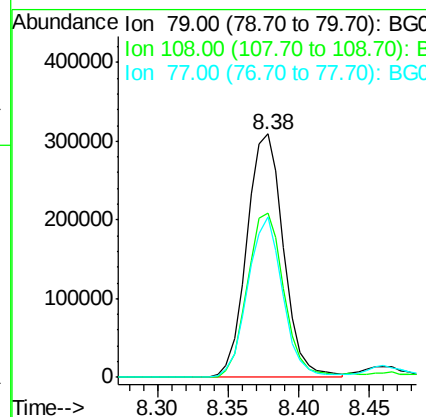
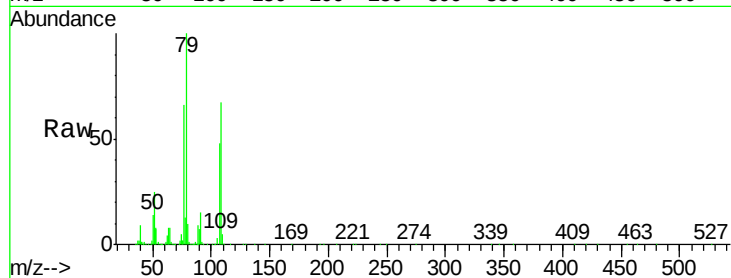




#15
Benzyl Alcohol
Concen: 61.53 ng
RT: 8.38 min Scan# 943
Delta R.T. -0.00 min
Lab File: BG023359.D
Acq: 30 Jul 2016 16:07

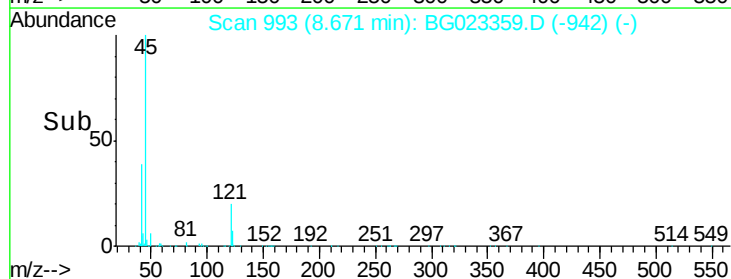
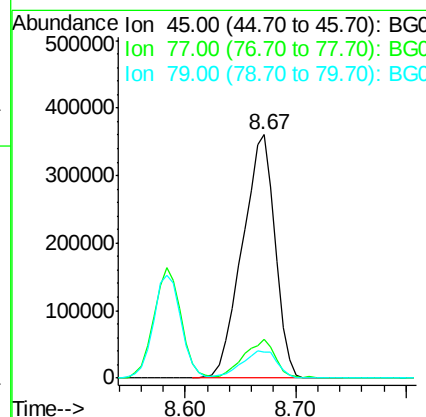
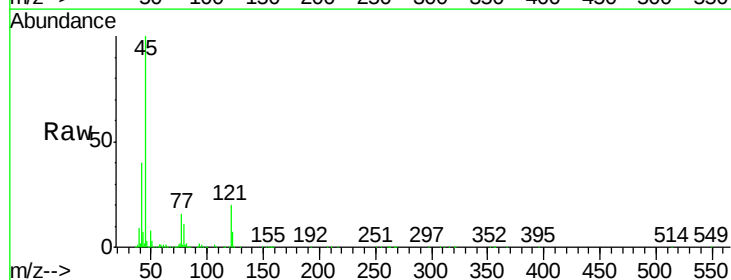
Instrument :
BNA_G
ClientSampleId :

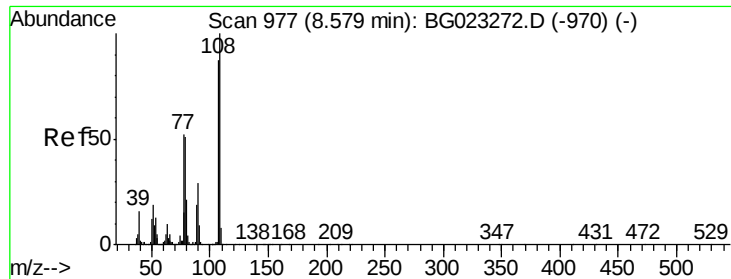
Tot Ion	Ratio	Lower	Upper
79	100		
108	67.3	46.5	69.7
77	65.9	52.3	78.5



#16
2,2'-oxybis(1-chloropropane)
Concen: 38.54 ng
RT: 8.67 min Scan# 993
Delta R.T. -0.00 min
Lab File: BG023359.D
Acq: 30 Jul 2016 16:07

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.8	0.6	40.6
79	10.9	0.0	36.2





#17

2-Methylphenol

Concen: 52.82 ng

RT: 8.58 min Scan# 978

Delta R.T. -0.00 min

Lab File: BG023359.D

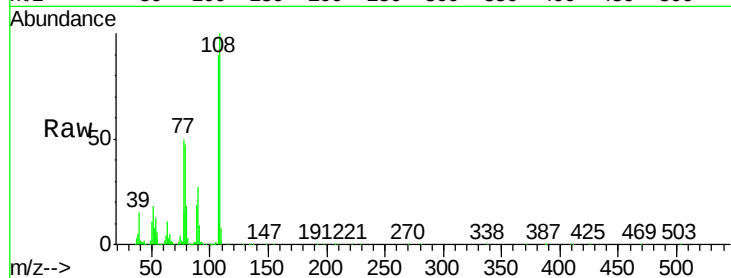
Acq: 30 Jul 2016 16:07

Instrument :

BNA_G

ClientSampled :

Tot Ion:	107	Resp:	518085
Ion	Ratio	Lower	Upper
107	100		
108	111.4	92.0	138.0
77	56.0	55.8	83.6
79	52.3	55.0	82.6

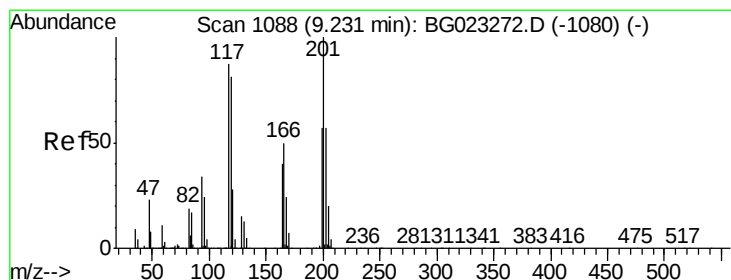
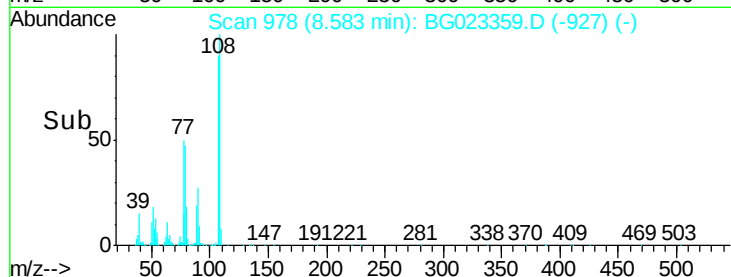
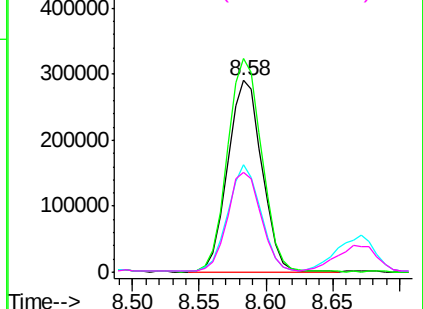


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.83 ng

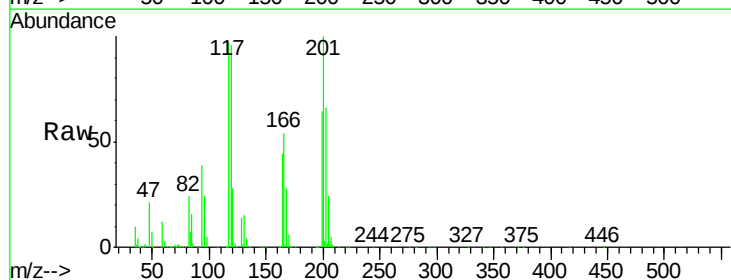
RT: 9.23 min Scan# 1088

Delta R.T. -0.01 min

Lab File: BG023359.D

Acq: 30 Jul 2016 16:07

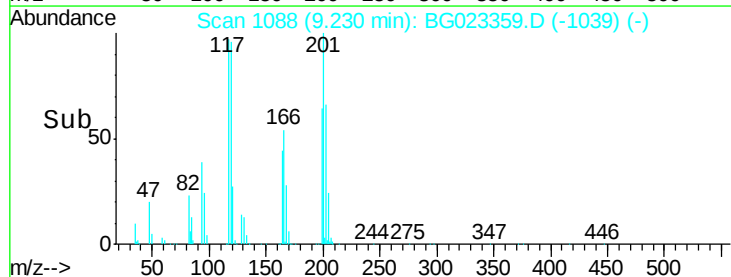
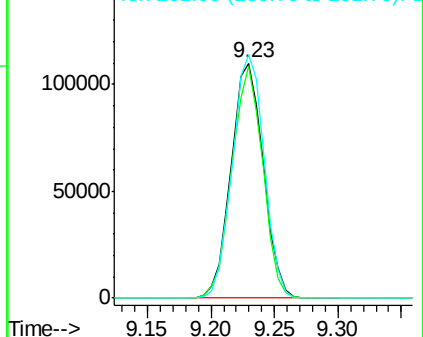
Tgt Ion:	117	Resp:	193316
Ion	Ratio	Lower	Upper
117	100		
119	98.9	73.7	110.5
201	103.5	88.7	133.1

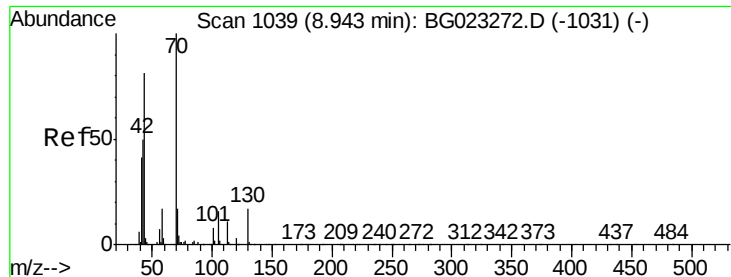


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

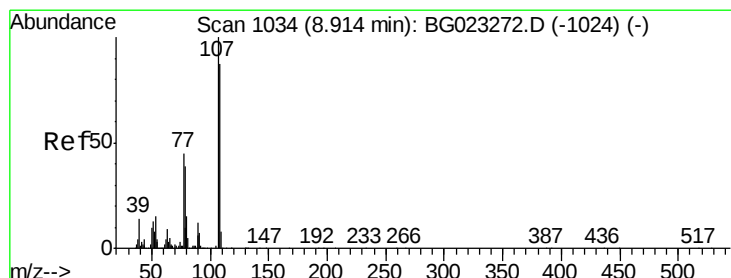
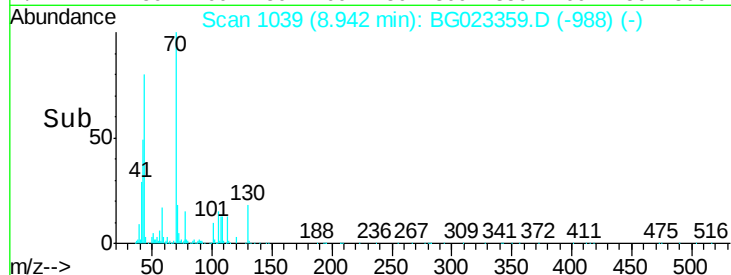
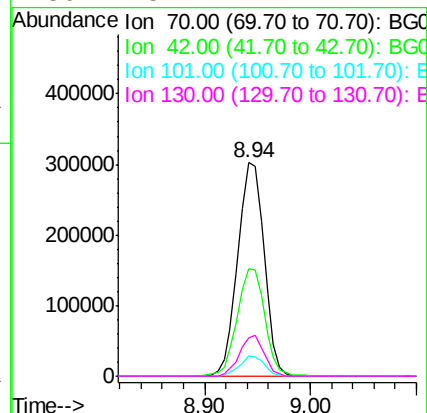
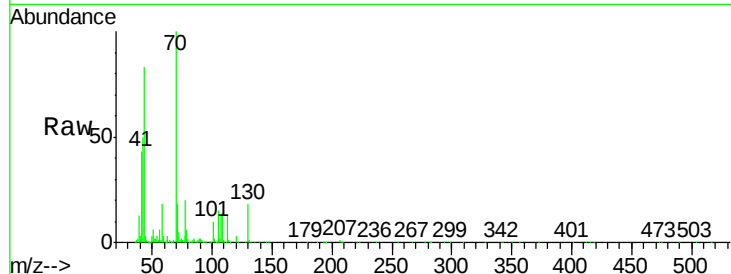




#19
n-Nitroso-di-n-propylamine
Concen: 42.66 ng
RT: 8.94 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BG023359.D
Acq: 30 Jul 2016 16:07

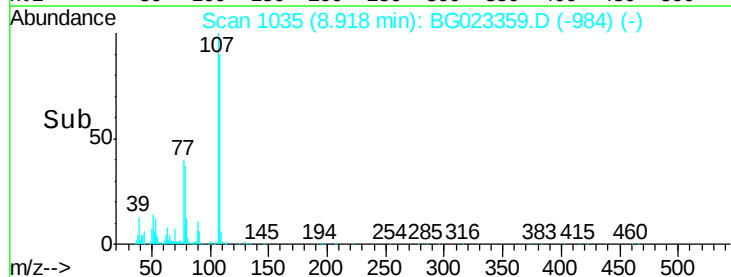
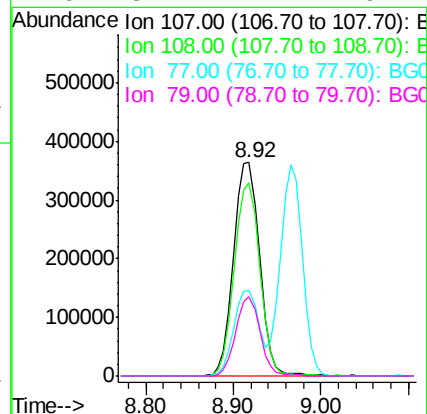
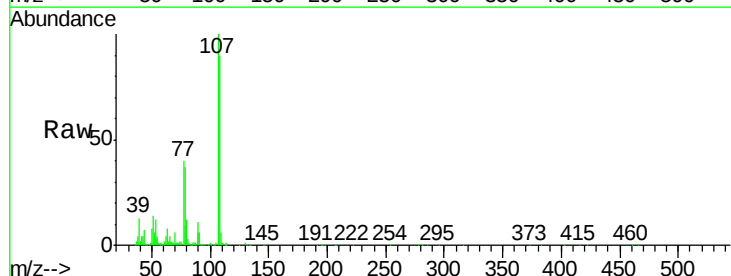
Instrument :
BNA_G
ClientSampleId :

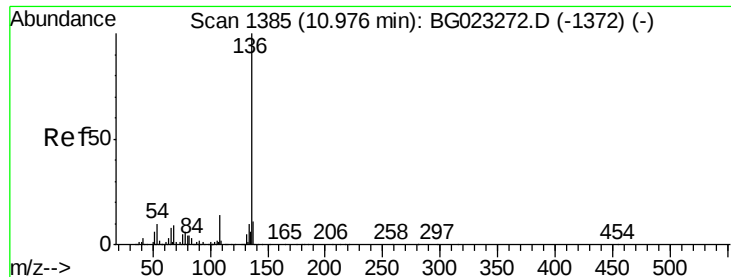
Tot Ion:	70	Resp:	521873
Ion	Ratio	Lower	Upper
70	100		
42	50.2	42.1	63.1
101	9.5	7.2	10.8
130	18.2	14.2	21.2



#20
3+4-Methylphenols
Concen: 55.04 ng
RT: 8.92 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BG023359.D
Acq: 30 Jul 2016 16:07

Tgt Ion:	107	Resp:	734094
Ion	Ratio	Lower	Upper
107	100		
108	90.2	72.5	112.5
77	40.1	30.1	70.1
79	37.2	24.2	64.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.97 min Scan# 1384

Delta R.T. -0.01 min

Lab File: BG023359.D

Acq: 30 Jul 2016 16:07

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 732046

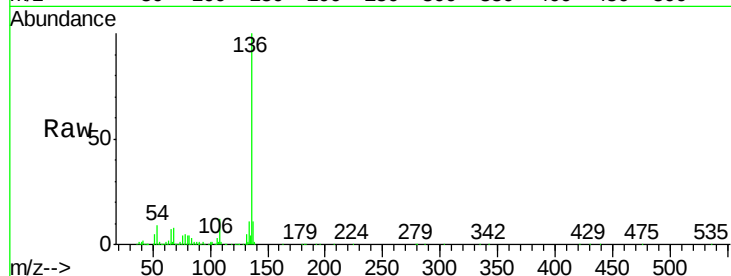
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.6	14.4
54	9.3	7.3	10.9
68	7.8	5.3	7.9

136 100

137 11.3 9.6 14.4

54 9.3 7.3 10.9

68 7.8 5.3 7.9

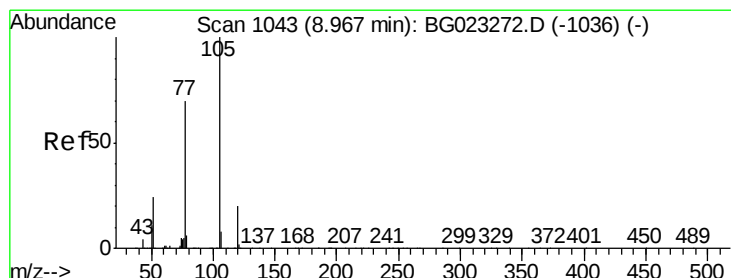
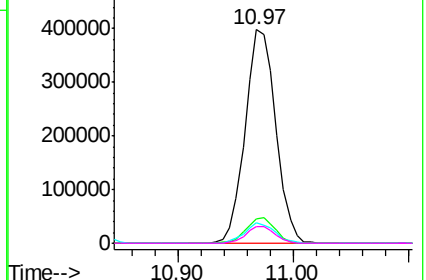
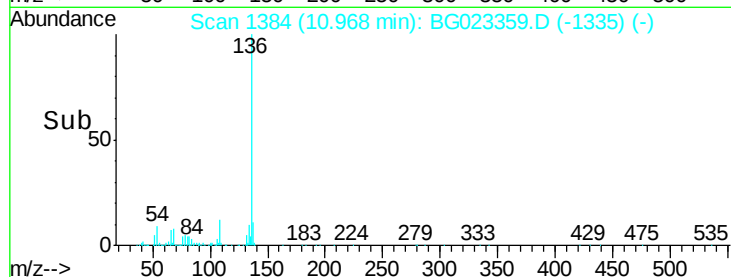


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.42 ng

RT: 8.97 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BG023359.D

Acq: 30 Jul 2016 16:07

Tgt Ion:105 Resp: 753335

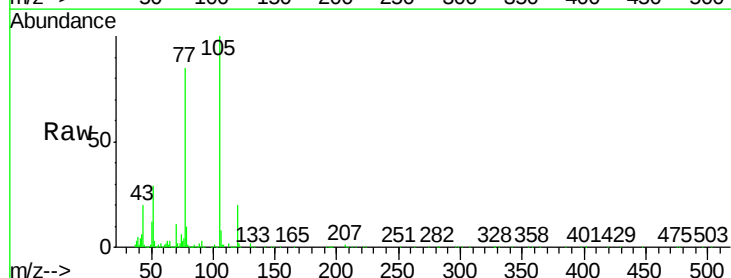
Ion	Ratio	Lower	Upper
105	100		
71	1.7	2.6	3.8#
51	29.0	27.1	40.7
120	20.4	15.1	22.7

105 100

71 1.7 2.6 3.8#

51 29.0 27.1 40.7

120 20.4 15.1 22.7

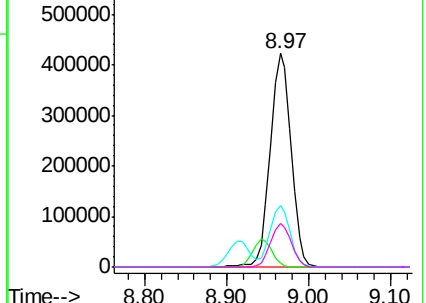
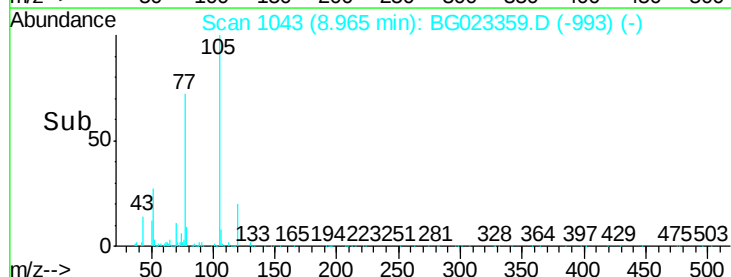


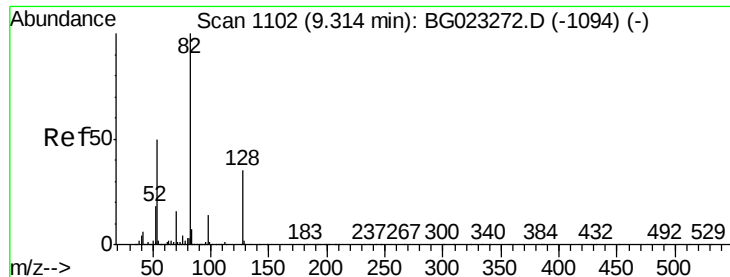
Abundance Ion 105.00 (104.70 to 105.70): E

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

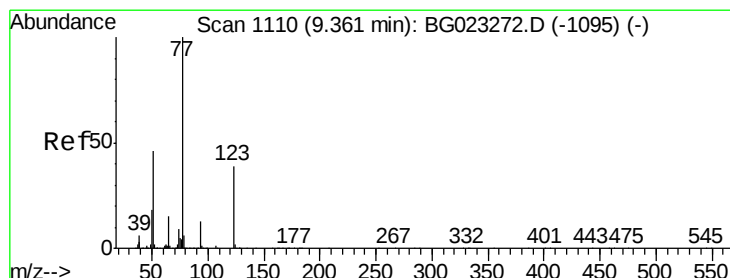
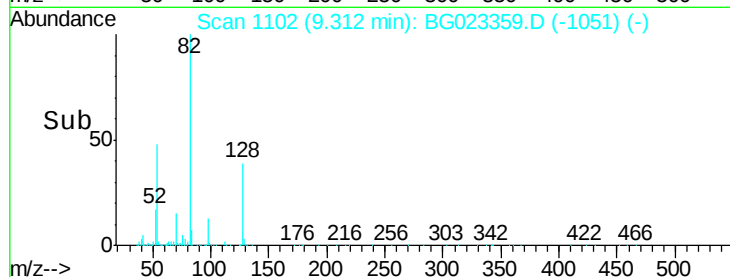
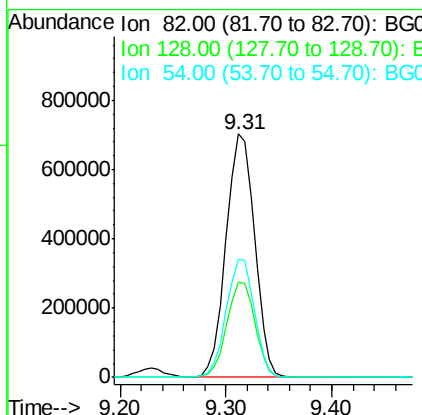
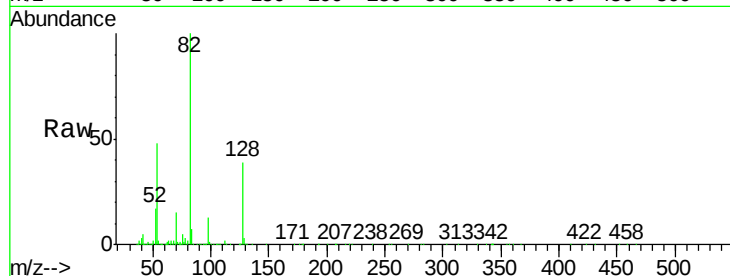




#23
 Nitrobenzene-d5
 Concen: 87.81 ng
 RT: 9.31 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: BG023359.D
 Acq: 30 Jul 2016 16:07

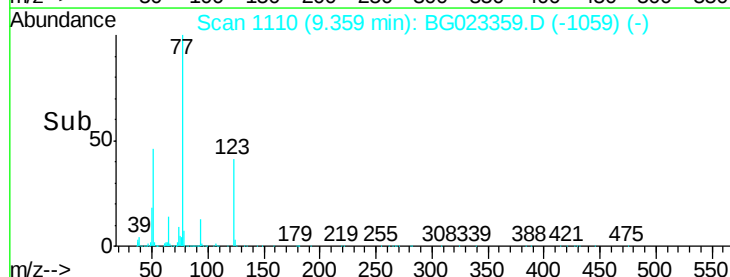
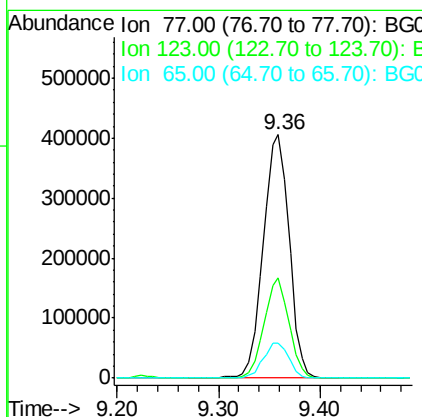
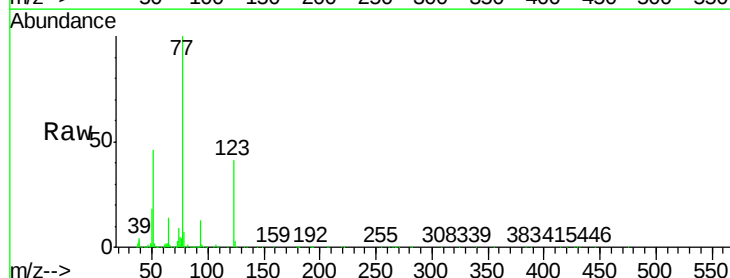
Instrument :
 BNA_G
 ClientSampleId :

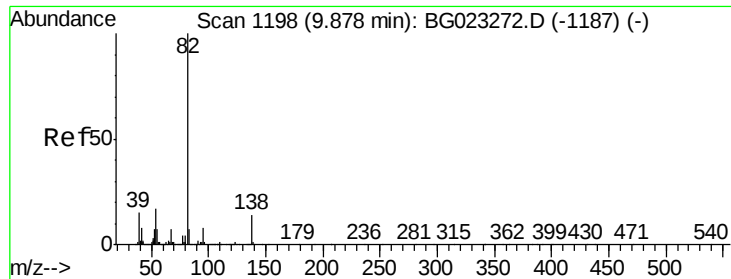
Tot Ion: 82 Resp: 1314527
 Ion Ratio Lower Upper
 82 100
 128 39.0 24.4 36.6#
 54 48.4 41.4 62.0



#24
 Nitrobenzene
 Concen: 41.50 ng
 RT: 9.36 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: BG023359.D
 Acq: 30 Jul 2016 16:07

Tgt Ion: 77 Resp: 721453
 Ion Ratio Lower Upper
 77 100
 123 41.3 25.0 37.6#
 65 14.2 13.4 20.0





#25

Isophorone

Concen: 45.43 ng

RT: 9.88 min Scan# 1198

Delta R.T. -0.00 min

Lab File: BG023359.D

Acq: 30 Jul 2016 16:07

Instrument :

BNA_G

ClientSampled :

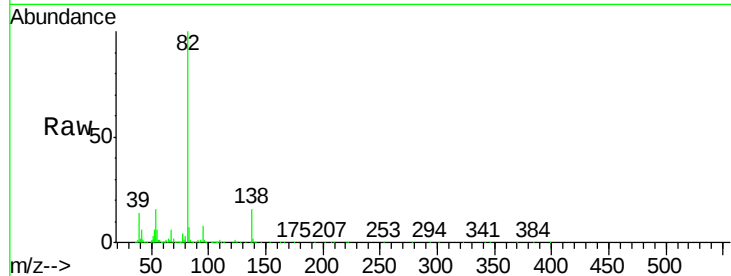
Tot Ion: 82 Resp: 1404603

Ion Ratio Lower Upper

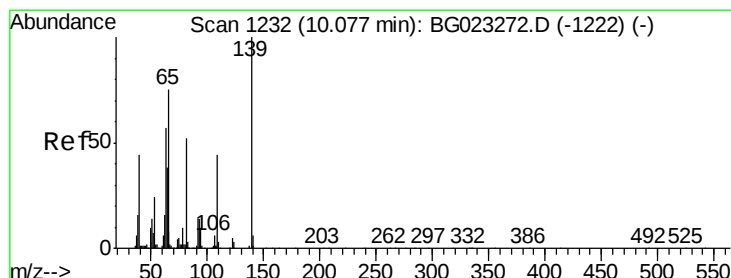
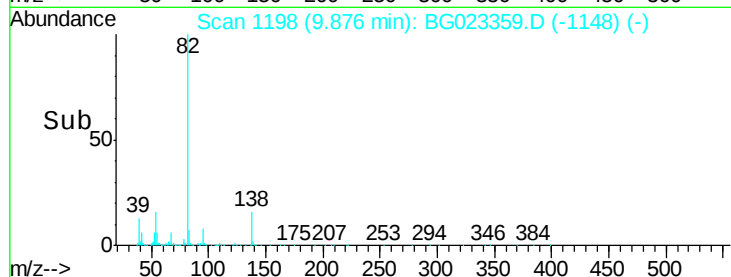
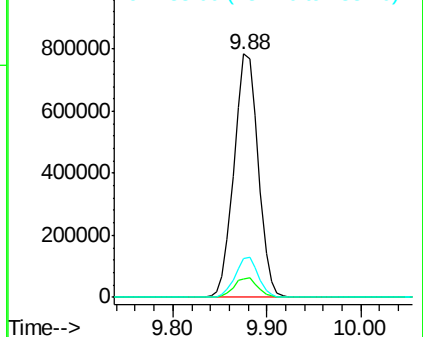
82 100

95 7.6 8.2 12.2#

138 16.1 10.7 16.1#



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



#26

2-Nitrophenol

Concen: 48.23 ng

RT: 10.08 min Scan# 1232

Delta R.T. -0.01 min

Lab File: BG023359.D

Acq: 30 Jul 2016 16:07

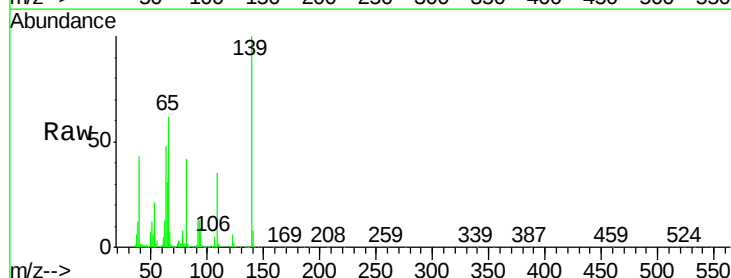
Tgt Ion: 139 Resp: 316663

Ion Ratio Lower Upper

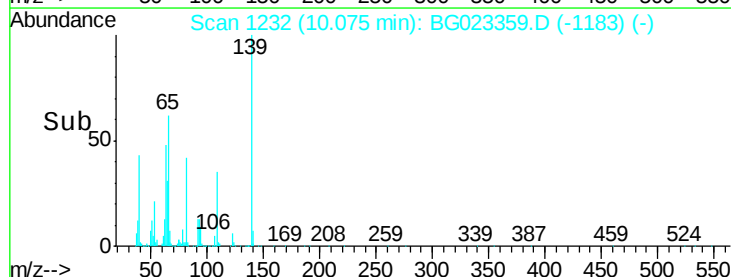
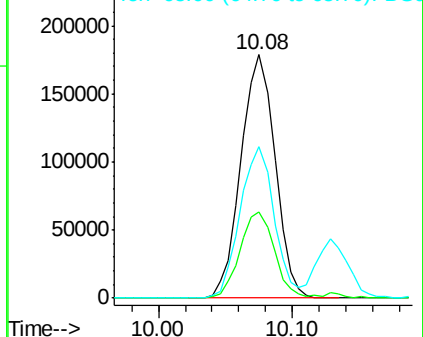
139 100

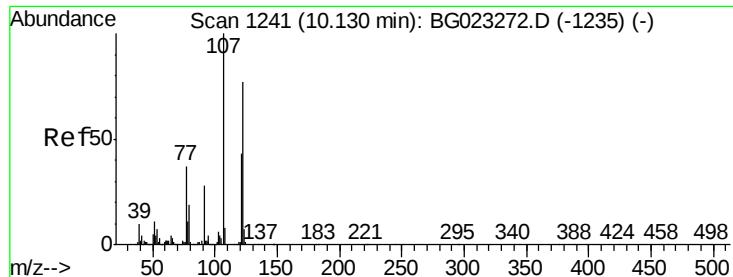
109 35.3 43.5 65.3#

65 62.1 64.3 96.5#



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

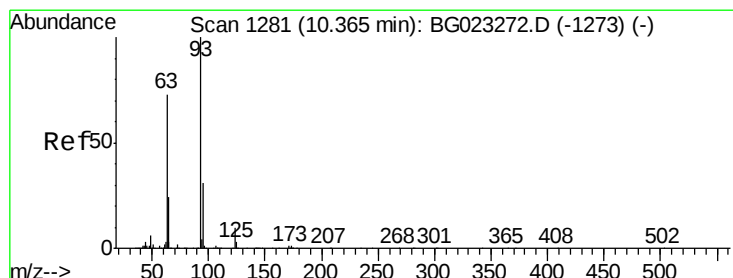
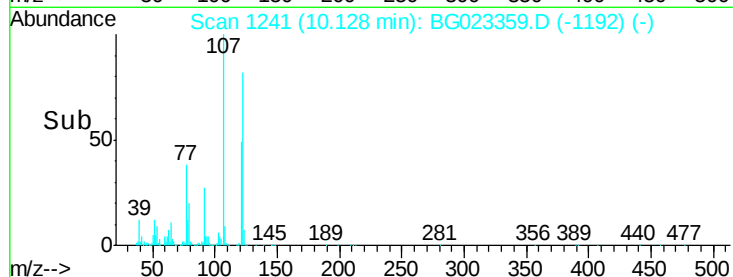
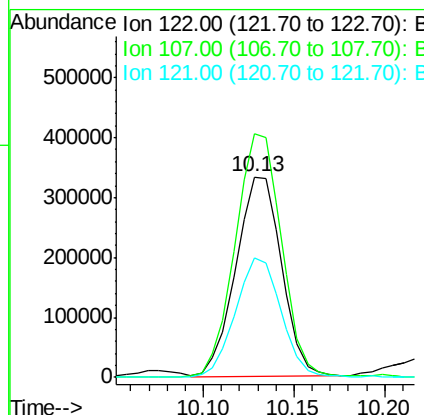
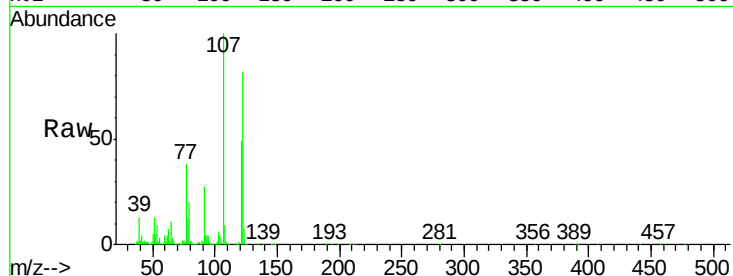




#27
 2,4-Dimethylphenol
 Concen: 52.96 ng
 RT: 10.13 min Scan# 1241
 Delta R.T. -0.01 min
 Lab File: BG023359.D
 Acq: 30 Jul 2016 16:07

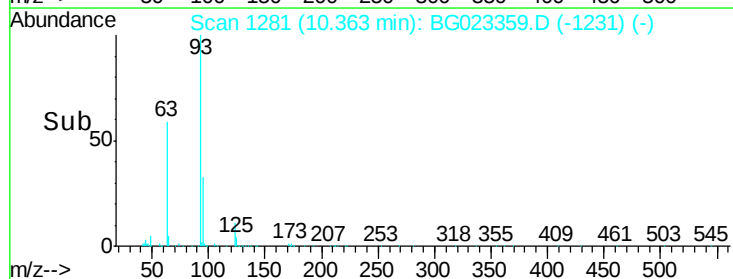
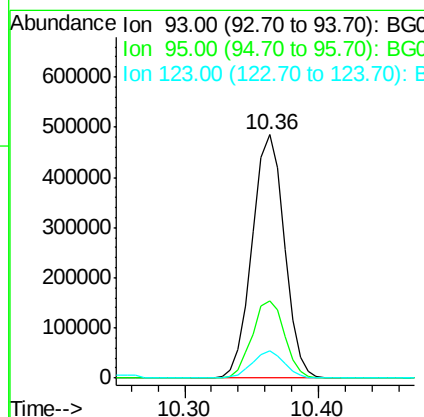
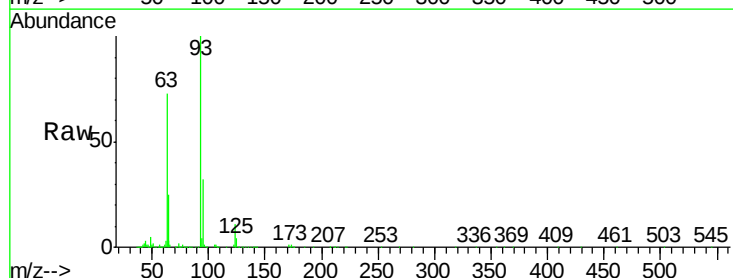
Instrument :
 BNA_G
 ClientSampleId :

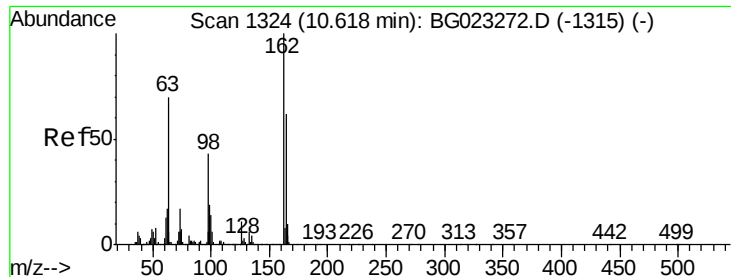
Tot Ion	Ratio	Lower	Upper
122	100		
107	121.3	117.0	175.4
121	59.5	50.1	75.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 46.54 ng
 RT: 10.36 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: BG023359.D
 Acq: 30 Jul 2016 16:07

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.9	25.4	38.2
123	11.3	8.2	12.2

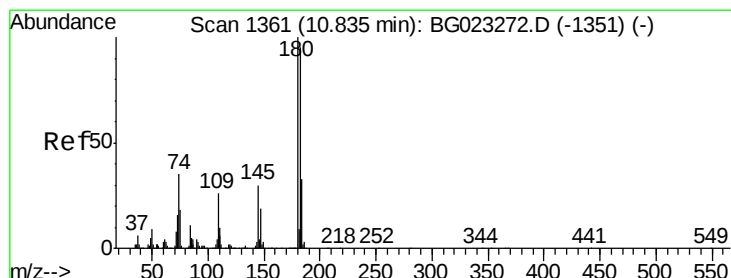
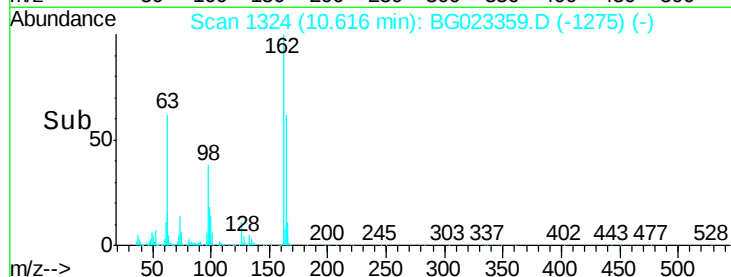
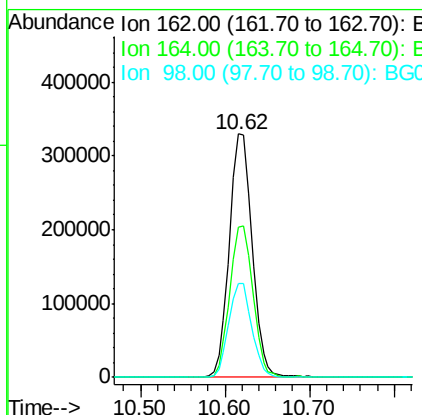
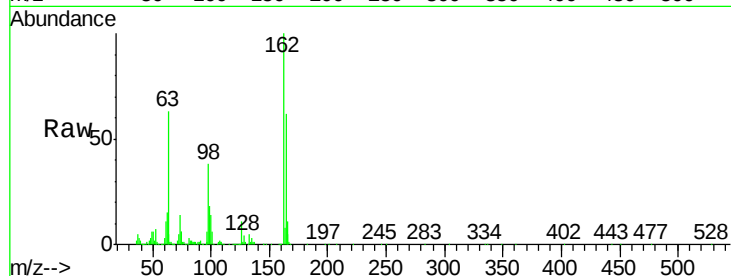




#29
 2,4-Dichlorophenol
 Concen: 57.31 ng
 RT: 10.62 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BG023359.D
 Acq: 30 Jul 2016 16:07

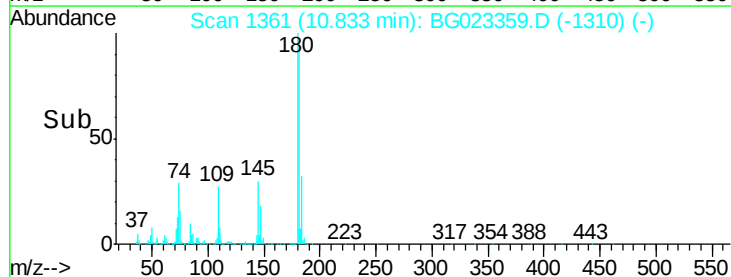
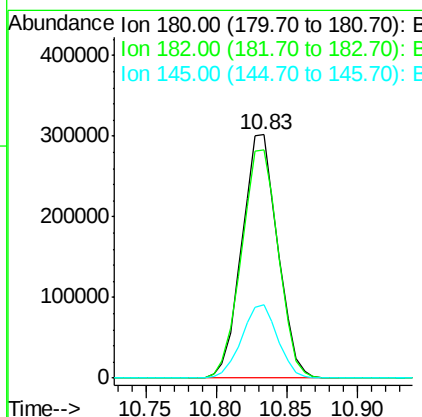
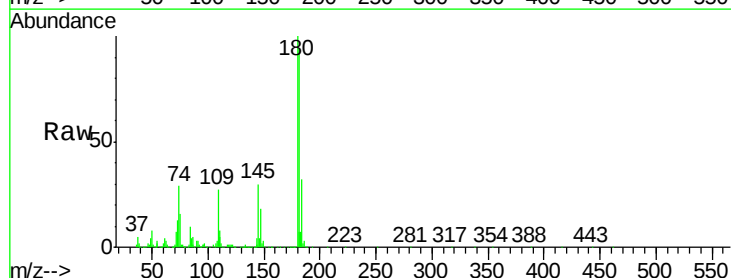
Instrument :
 BNA_G
 ClientSampleId :

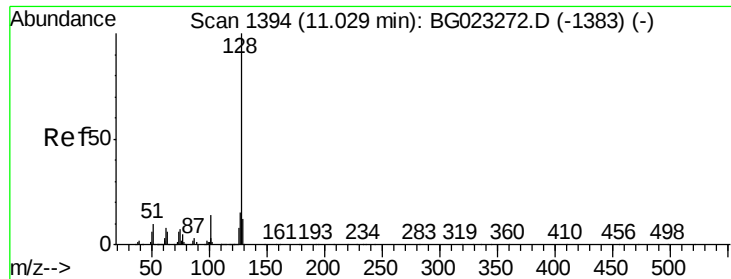
Tot Ion	Ratio	Lower	Upper
162	100		
164	61.6	44.3	84.3
98	38.4	19.5	59.5



#30
 1,2,4-Trichlorobenzene
 Concen: 45.40 ng
 RT: 10.83 min Scan# 1361
 Delta R.T. 0.00 min
 Lab File: BG023359.D
 Acq: 30 Jul 2016 16:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.5	73.8	110.8
145	30.1	24.4	36.6

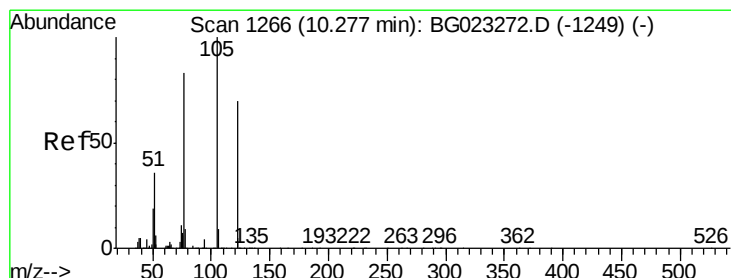
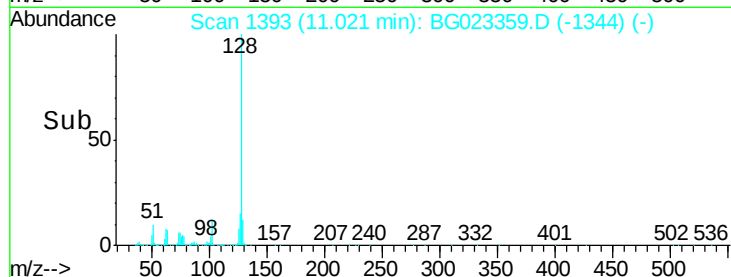
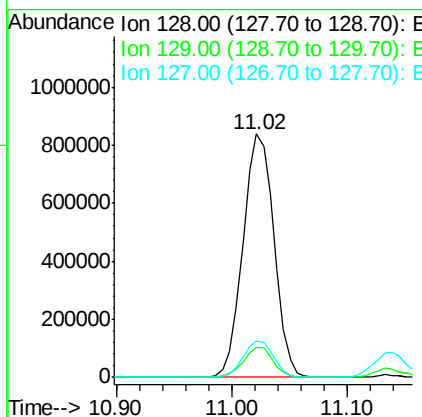
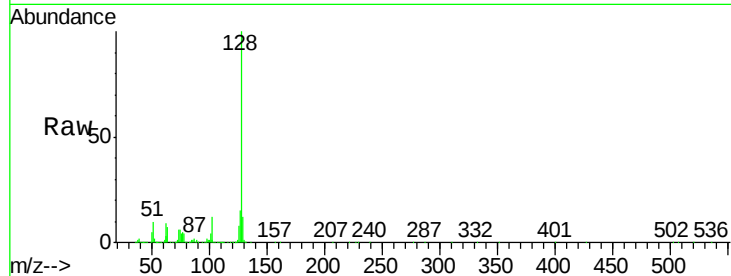




#31
Naphthalene
Concen: 46.05 ng
RT: 11.02 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BG023359.D
Acq: 30 Jul 2016 16:07

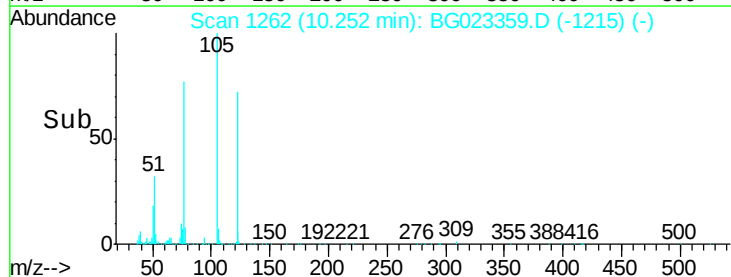
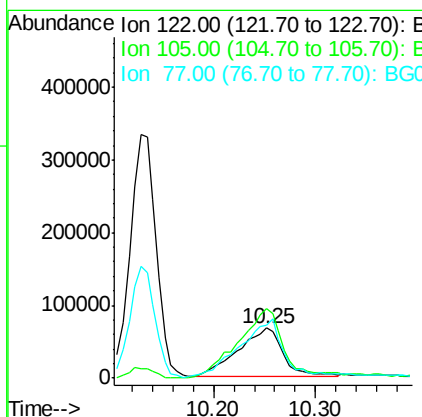
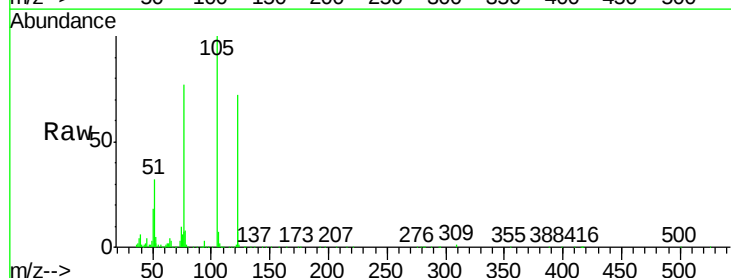
Instrument :
BNA_G
ClientSampleId :

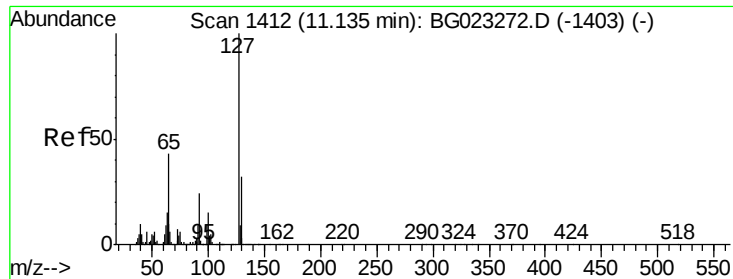
Tot Ion:128 Resp: 1566387
Ion Ratio Lower Upper
128 100
129 12.4 9.4 14.0
127 14.8 11.3 16.9



#32
Benzoic acid
Concen: 27.06 ng
RT: 10.25 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BG023359.D
Acq: 30 Jul 2016 16:07

Tgt Ion:122 Resp: 205433
Ion Ratio Lower Upper
122 100
105 138.5 117.2 157.2
77 106.4 109.2 149.2#

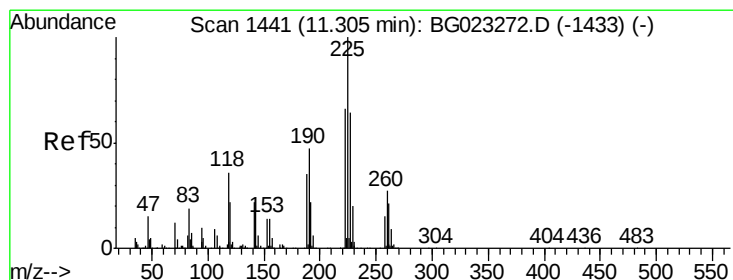
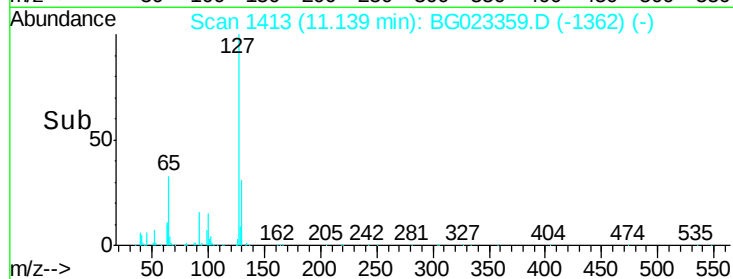
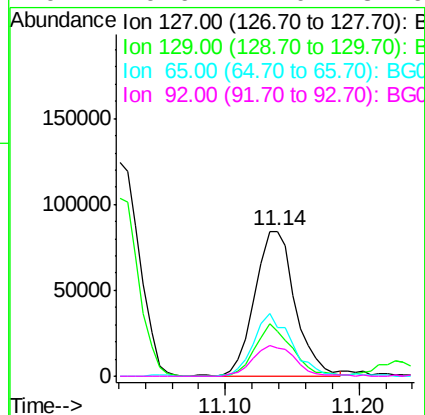
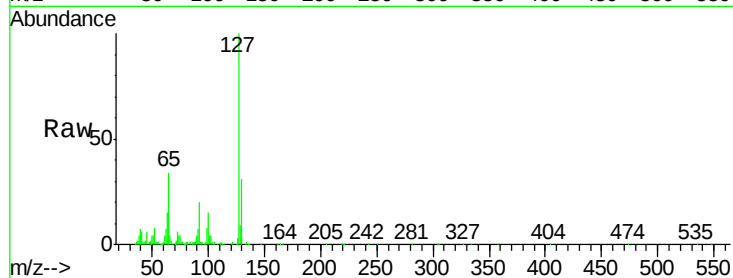




#33
4-Chloroaniline
Concen: 11.18 ng
RT: 11.14 min Scan# 1413
Delta R.T. 0.00 min
Lab File: BG023359.D
Acq: 30 Jul 2016 16:07

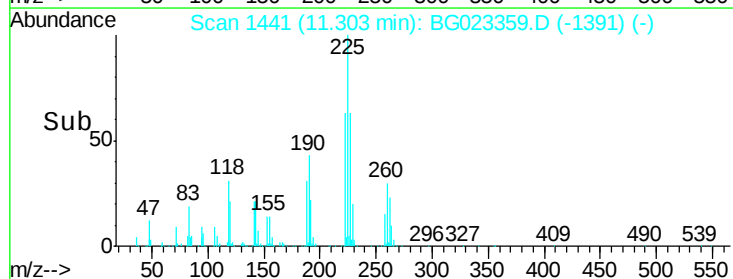
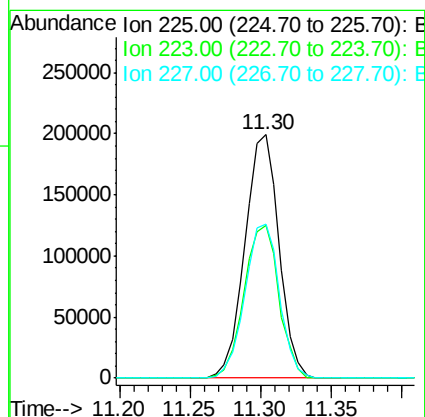
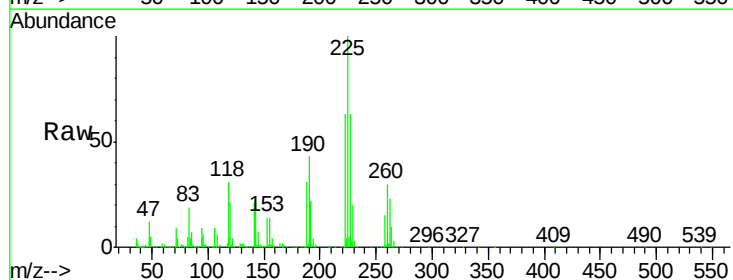
Instrument :
BNA_G
ClientSampleId :

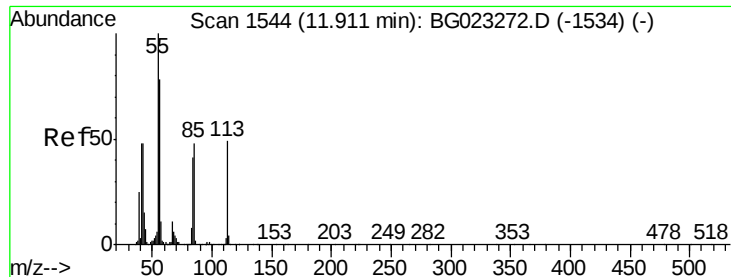
Tot Ion	Ratio	Lower	Upper
127	100		
129	31.0	27.9	41.9
65	33.7	36.8	55.2#
92	19.6	21.0	31.6#



#34
Hexachlorobutadiene
Concen: 43.36 ng
RT: 11.30 min Scan# 1441
Delta R.T. -0.00 min
Lab File: BG023359.D
Acq: 30 Jul 2016 16:07

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.6	74.4
227	63.4	54.5	81.7





#35

Caprolactam

Concen: 44.98 ng

RT: 11.92 min Scan# 1546

Delta R.T. 0.03 min

Lab File: BG023359.D

Acq: 30 Jul 2016 16:07

Instrument :

BNA_G

ClientSampleId :

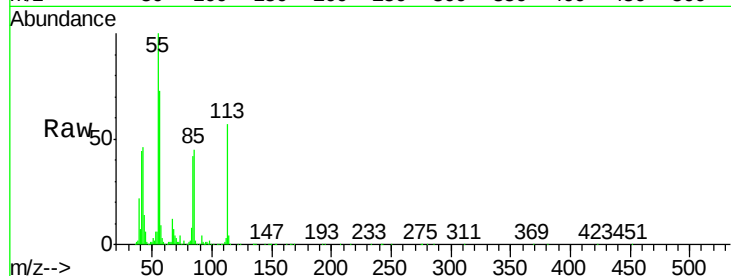
Tot Ion:113 Resp: 204957

Ion Ratio Lower Upper

113 100

55 176.1 154.5 194.5

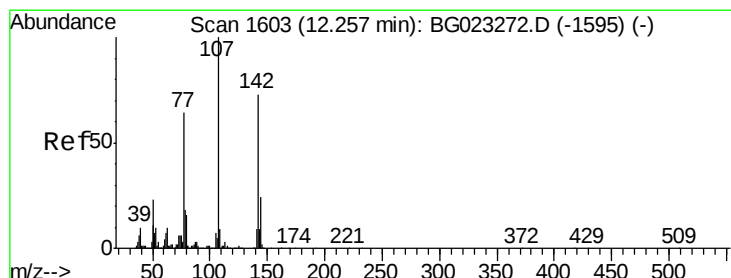
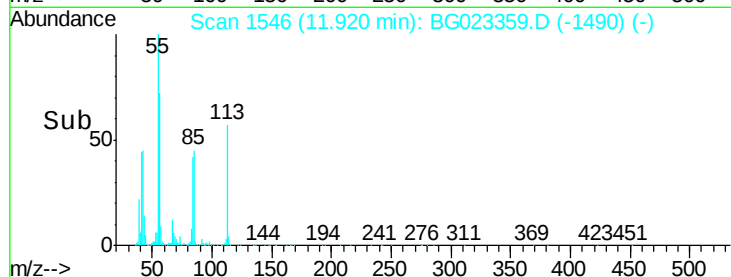
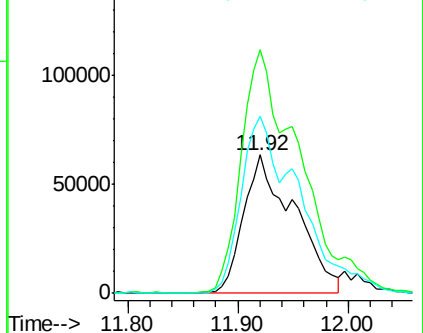
56 127.9 125.1 165.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 52.64 ng

RT: 12.26 min Scan# 1604

Delta R.T. 0.00 min

Lab File: BG023359.D

Acq: 30 Jul 2016 16:07

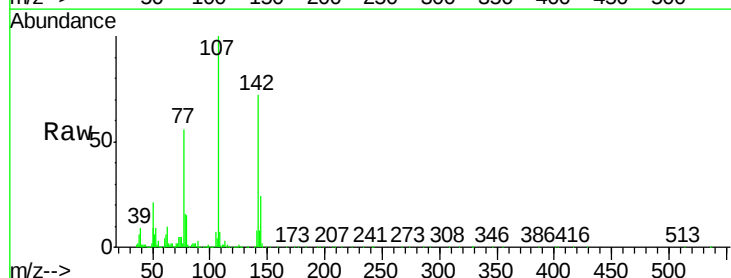
Tgt Ion:107 Resp: 740993

Ion Ratio Lower Upper

107 100

144 24.0 17.0 25.6

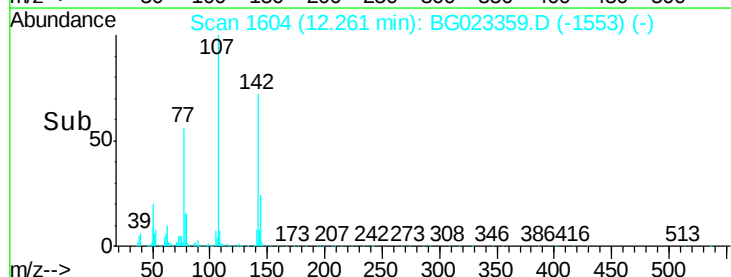
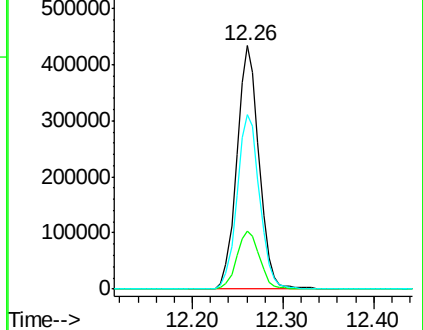
142 71.9 53.0 79.6

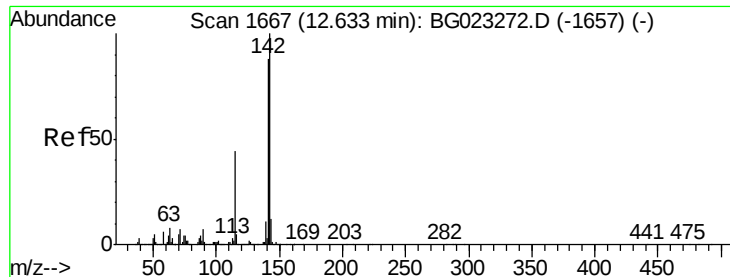


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

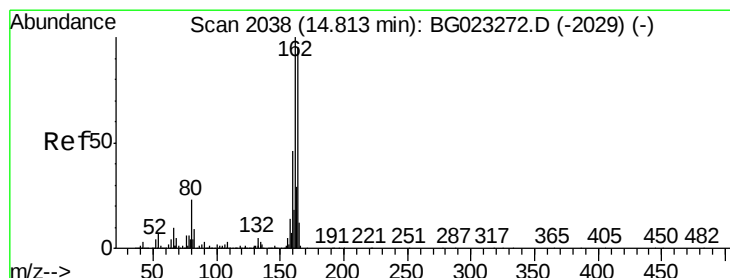
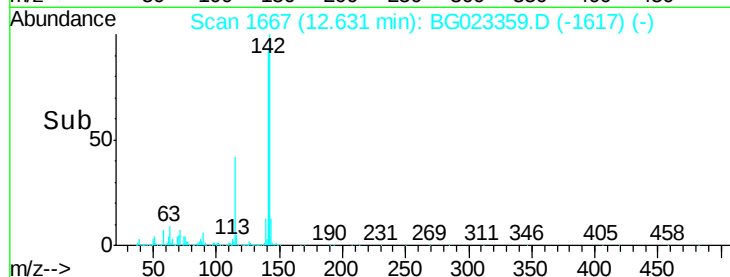
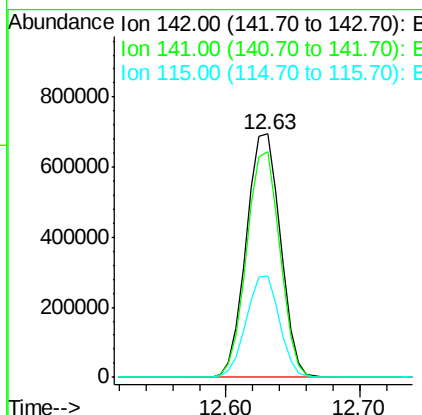
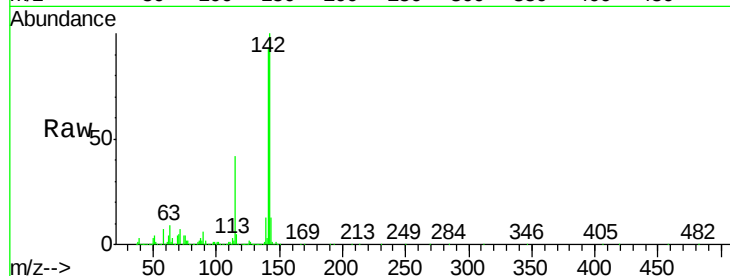




#37
2-Methylnaphthalene
Concen: 48.71 ng
RT: 12.63 min Scan# 1667
Delta R.T. -0.00 min
Lab File: BG023359.D
Acq: 30 Jul 2016 16:07

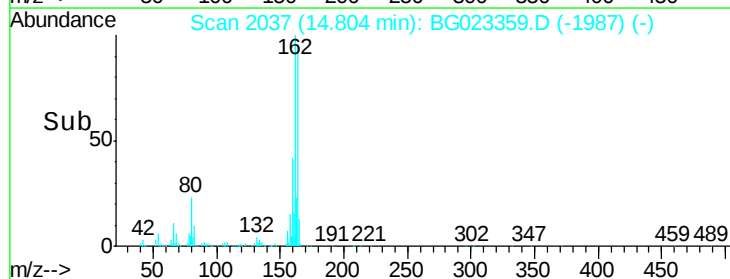
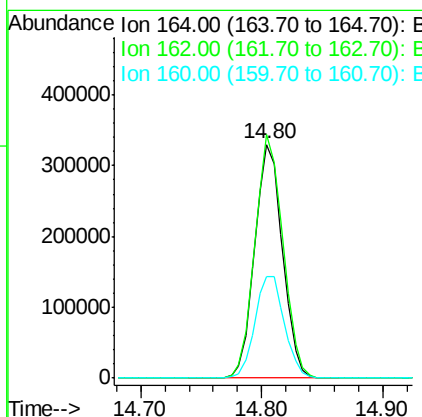
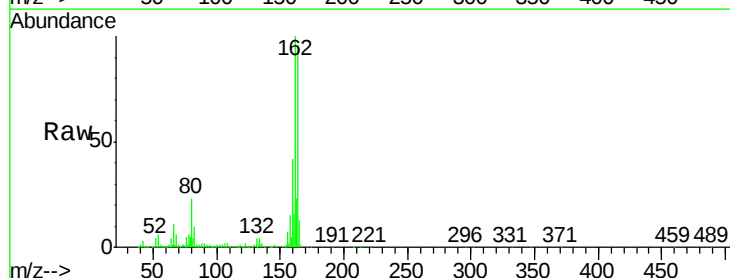
Instrument :
BNA_G
ClientSampleId :

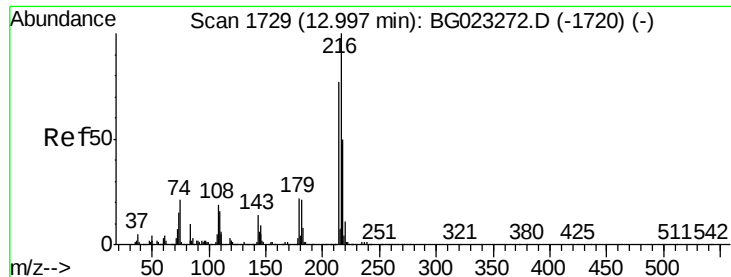
Tot Ion:142 Resp: 1228442
Ion Ratio Lower Upper
142 100
141 92.9 70.2 105.2
115 41.6 41.7 62.5#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2037
Delta R.T. -0.00 min
Lab File: BG023359.D
Acq: 30 Jul 2016 16:07

Tgt Ion:164 Resp: 527167
Ion Ratio Lower Upper
164 100
162 104.1 87.7 131.5
160 43.7 37.2 55.8

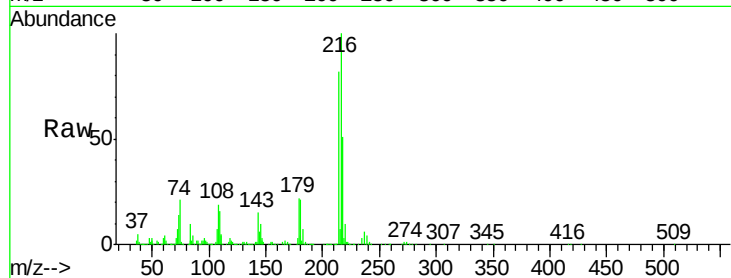




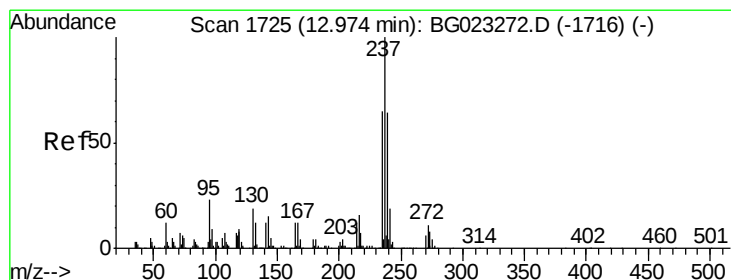
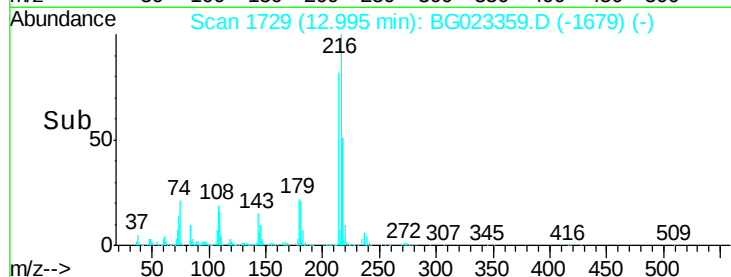
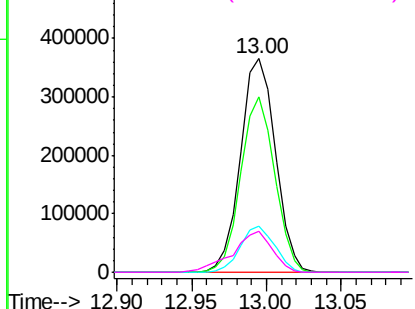
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.66 ng
 RT: 13.00 min Scan# 1729
 Delta R.T. -0.00 min
 Lab File: BG023359.D
 Acq: 30 Jul 2016 16:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:216	Resp:	591523
Ion Ratio	Lower	Upper
216	100	
214	80.0	62.9 94.3
179	21.6	17.2 25.8
108	22.1	16.3 24.5

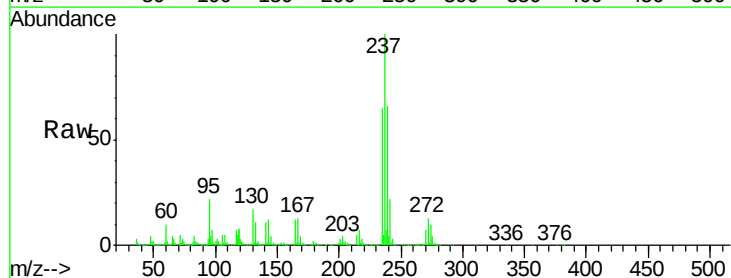


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

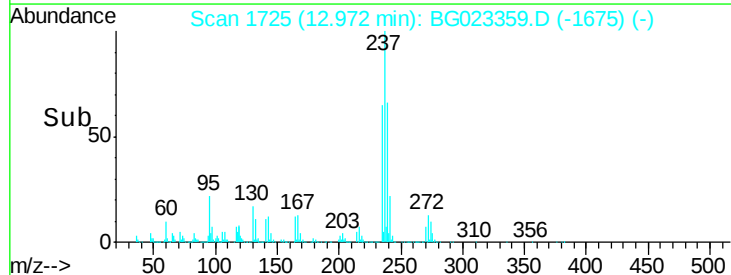
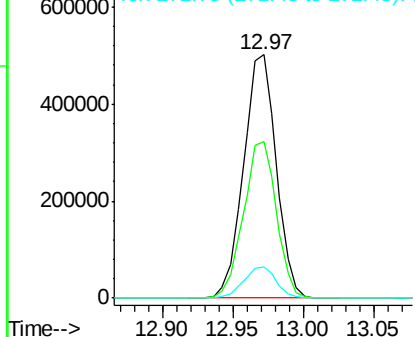


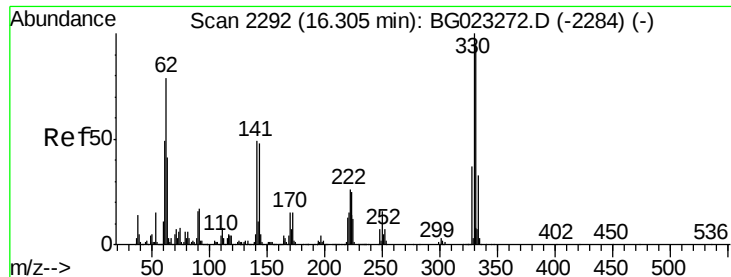
#40
 Hexachlorocyclopentadiene
 Concen: 100.54 ng
 RT: 12.97 min Scan# 1725
 Delta R.T. -0.00 min
 Lab File: BG023359.D
 Acq: 30 Jul 2016 16:07

Tgt Ion:237	Resp:	813100
Ion Ratio	Lower	Upper
237	100	
235	64.5	43.1 83.1
272	12.8	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

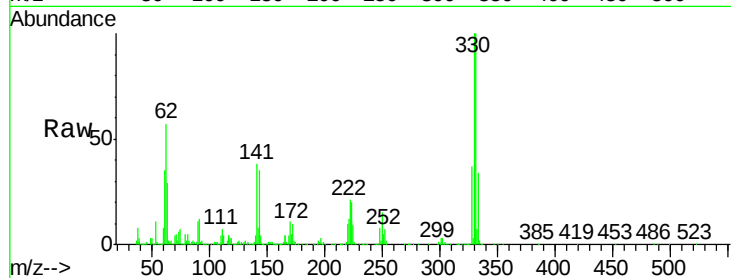




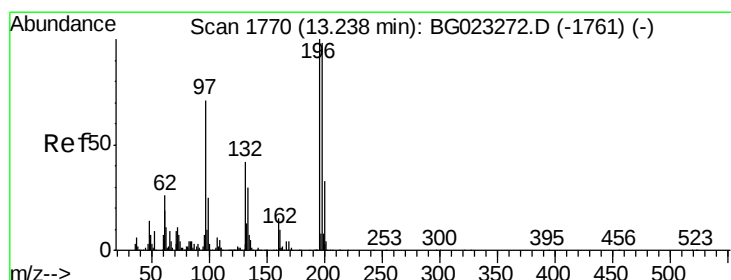
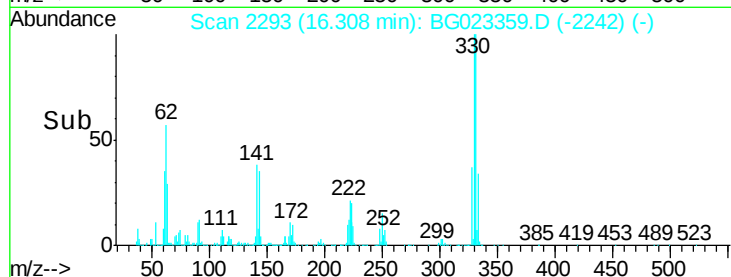
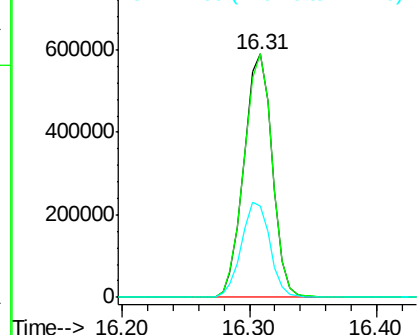
#41
 2,4,6-Tribromophenol
 Concen: 167.82 ng
 RT: 16.31 min Scan# 2293
 Delta R.T. 0.00 min
 Lab File: BG023359.D
 Acq: 30 Jul 2016 16:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 915693
 Ion Ratio Lower Upper
 330 100
 332 99.3 77.4 116.2
 141 39.0 31.7 47.5

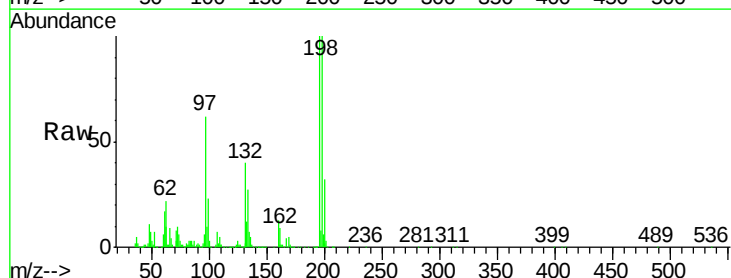


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

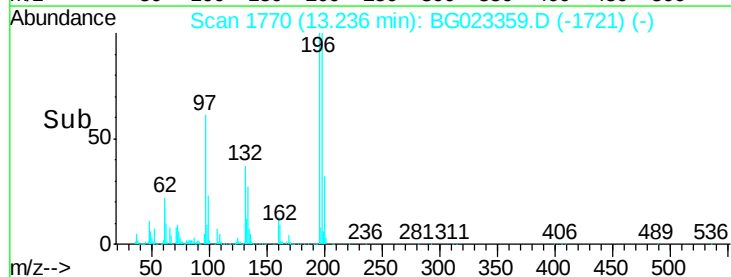
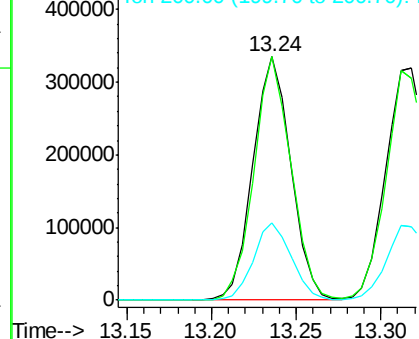


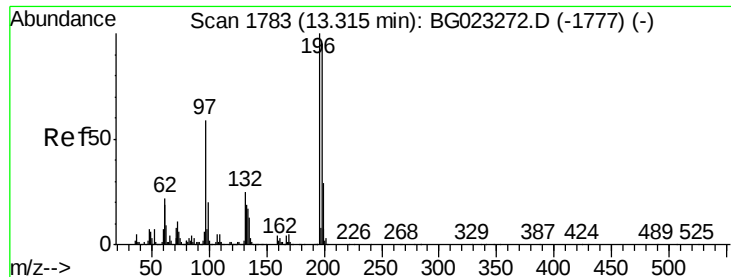
#42
 2,4,6-Trichlorophenol
 Concen: 52.25 ng
 RT: 13.24 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: BG023359.D
 Acq: 30 Jul 2016 16:07

Tgt Ion:196 Resp: 523729
 Ion Ratio Lower Upper
 196 100
 198 100.0 78.2 117.2
 200 31.6 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

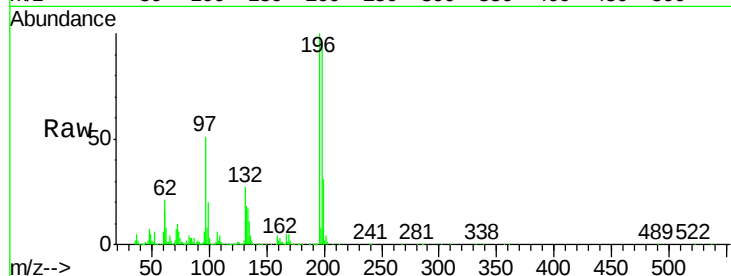




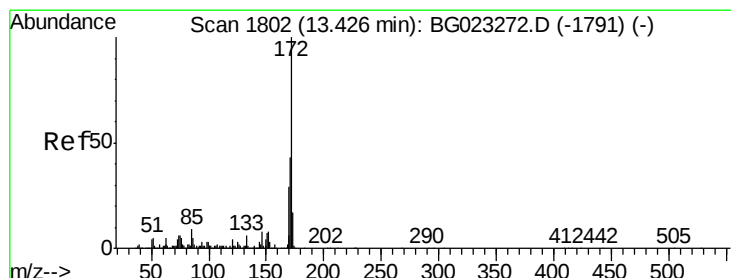
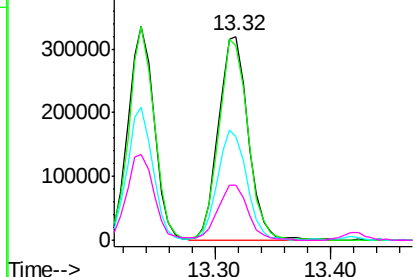
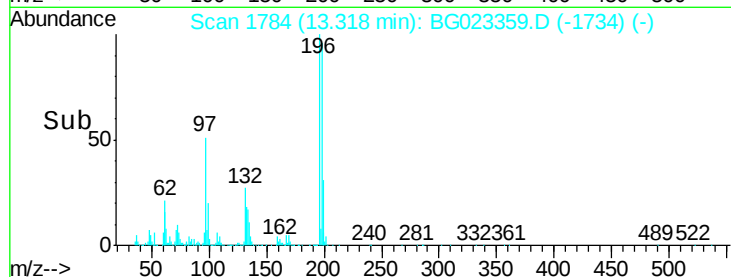
#43
 2,4,5-Trichlorophenol
 Concen: 53.62 ng
 RT: 13.32 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: BG023359.D
 Acq: 30 Jul 2016 16:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 570214
 Ion Ratio Lower Upper
 196 100
 198 95.8 85.7 128.5
 97 51.1 45.5 68.3
 132 26.8 18.9 28.3

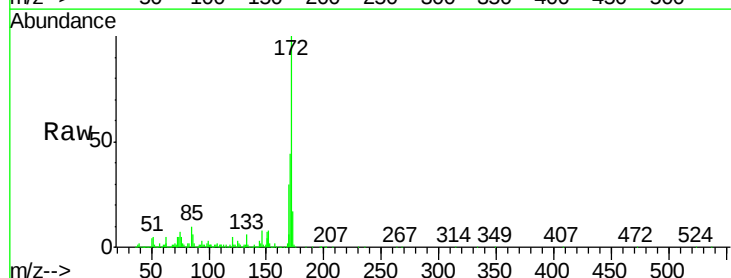


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

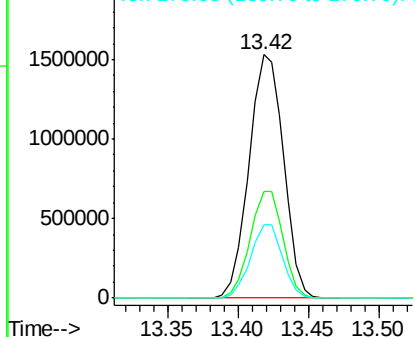
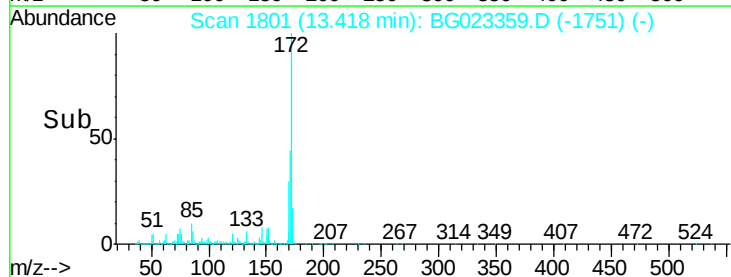


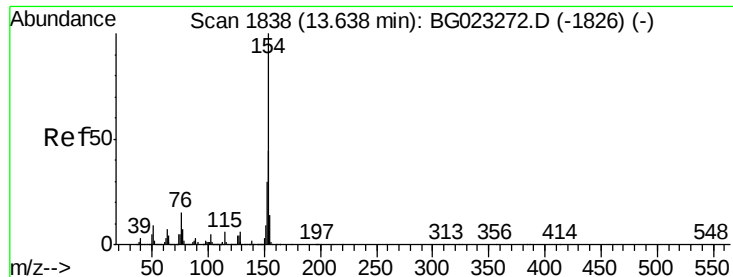
#44
 2-Fluorobiphenyl
 Concen: 93.25 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: BG023359.D
 Acq: 30 Jul 2016 16:07

Tgt Ion:172 Resp: 2626492
 Ion Ratio Lower Upper
 172 100
 171 43.7 31.6 47.4
 170 29.9 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

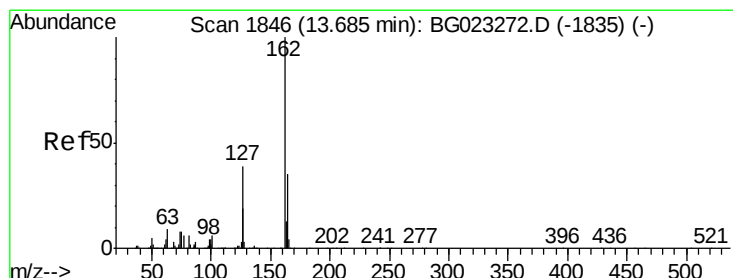
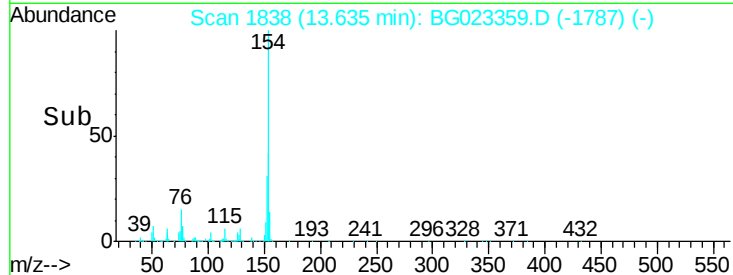
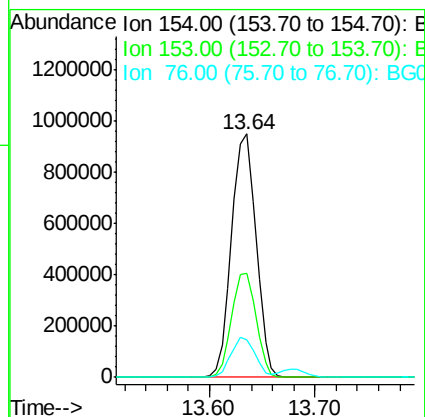
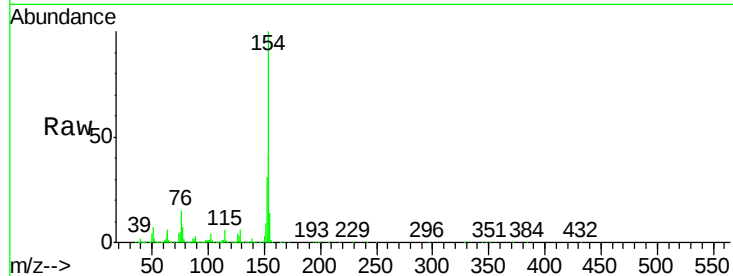




#45
 1,1'-Biphenyl
 Concen: 41.35 ng
 RT: 13.64 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: BG023359.D
 Acq: 30 Jul 2016 16:07

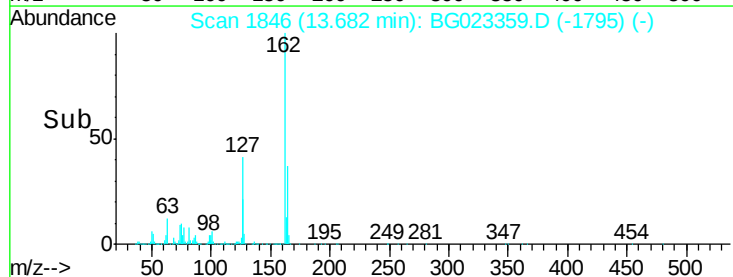
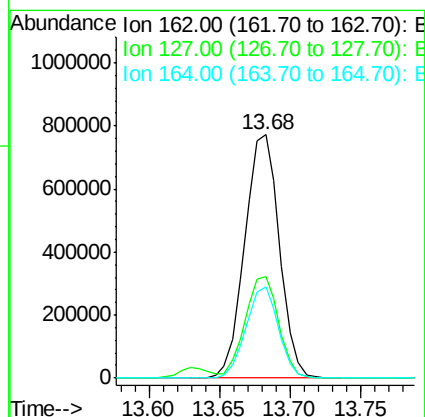
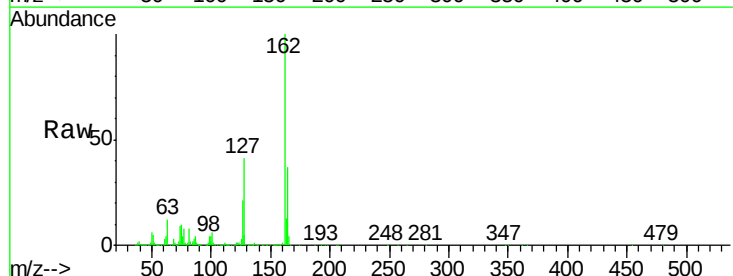
Instrument :
 BNA_G
 ClientSampleId :

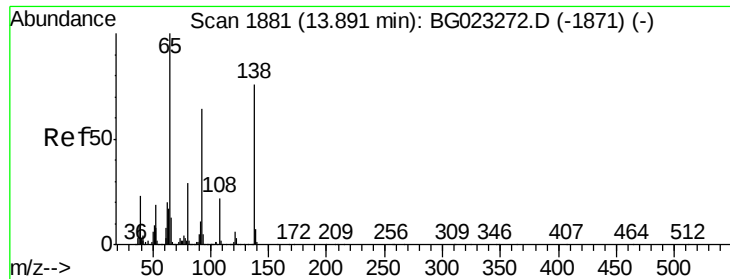
Tot Ion:154 Resp: 1520224
 Ion Ratio Lower Upper
 154 100
 153 42.5 20.2 60.2
 76 15.2 0.0 32.9



#46
 2-Chloronaphthalene
 Concen: 45.12 ng
 RT: 13.68 min Scan# 1846
 Delta R.T. 0.00 min
 Lab File: BG023359.D
 Acq: 30 Jul 2016 16:07

Tgt Ion:162 Resp: 1329219
 Ion Ratio Lower Upper
 162 100
 127 41.5 32.4 48.6
 164 37.4 25.2 37.8

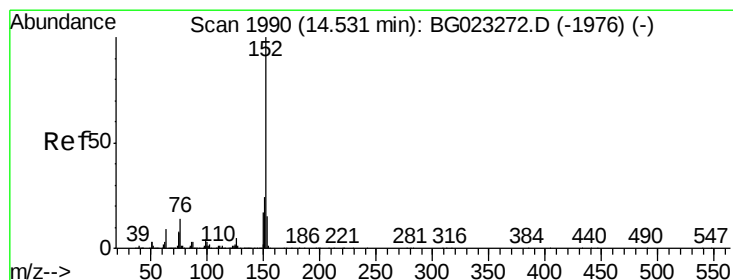
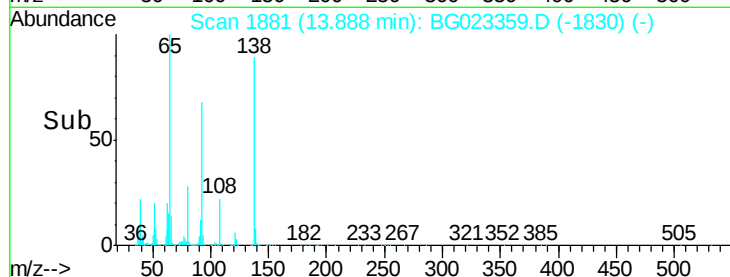
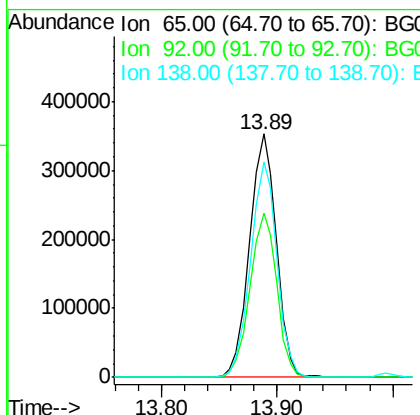
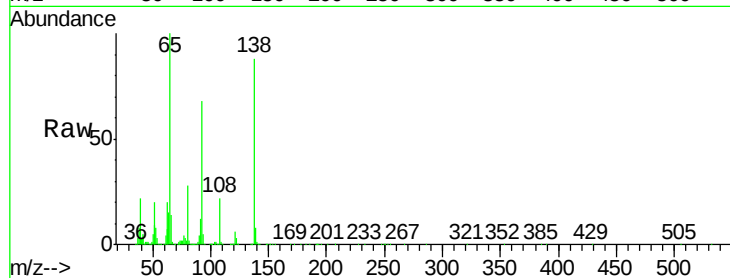




#47
2-Nitroaniline
Concen: 45.94 ng
RT: 13.89 min Scan# 1881
Delta R.T. 0.00 min
Lab File: BG023359.D
Acq: 30 Jul 2016 16:07

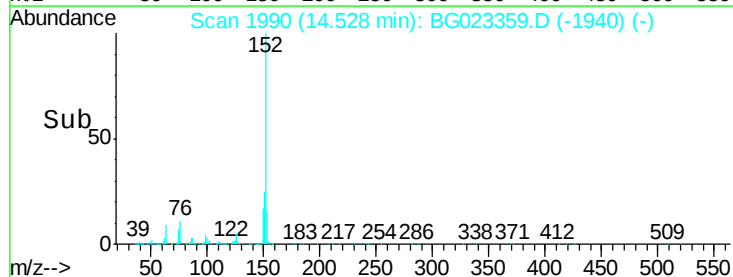
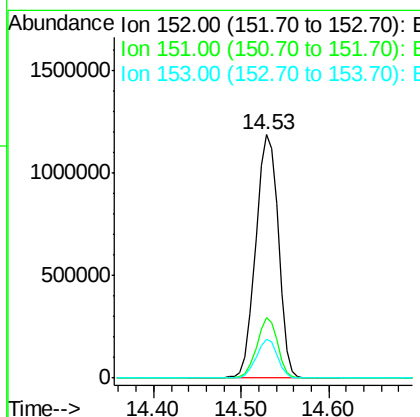
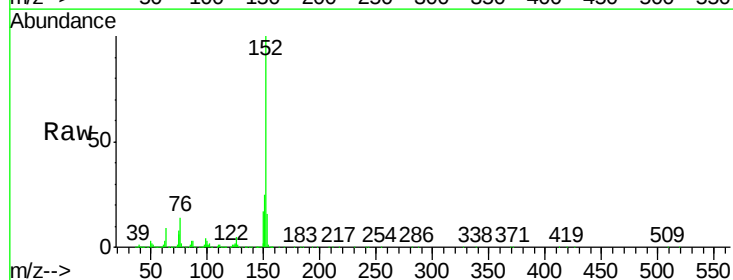
Instrument :
BNA_G
ClientSampleId :

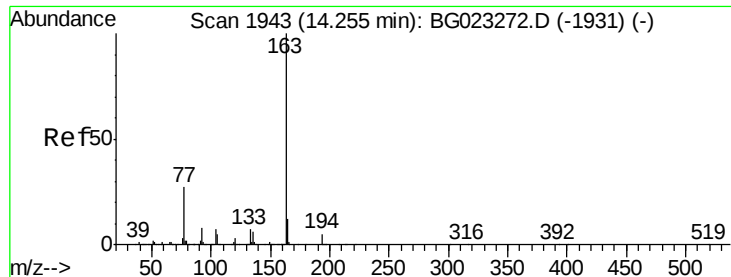
Tot Ion: 65 Resp: 572537
Ion Ratio Lower Upper
65 100
92 67.5 49.4 74.0
138 88.4 58.0 87.0#



#48
Acenaphthylene
Concen: 46.47 ng
RT: 14.53 min Scan# 1990
Delta R.T. -0.00 min
Lab File: BG023359.D
Acq: 30 Jul 2016 16:07

Tgt Ion: 152 Resp: 2095905
Ion Ratio Lower Upper
152 100
151 24.9 17.6 26.4
153 15.9 11.4 17.2





#49

Dimethylphthalate

Concen: 46.22 ng

RT: 14.25 min Scan# 1943

Delta R.T. 0.00 min

Lab File: BG023359.D

Acq: 30 Jul 2016 16:07

Instrument :

BNA_G

ClientSampleId :

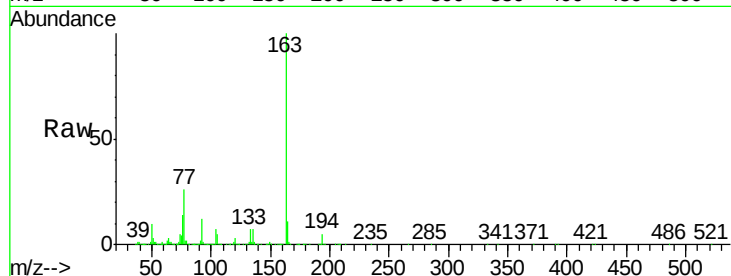
Tot Ion:163 Resp: 1798194

Ion Ratio Lower Upper

163 100

194 4.9 3.6 5.4

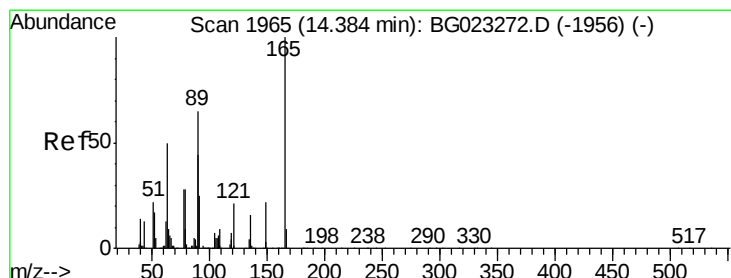
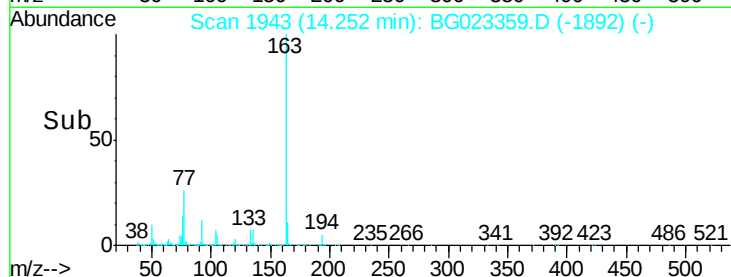
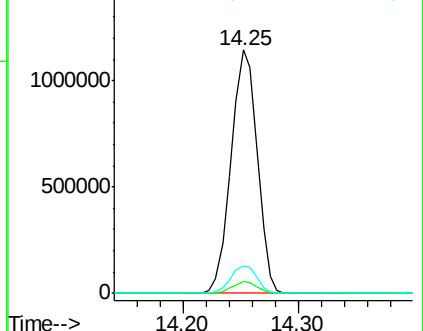
164 11.3 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 47.30 ng

RT: 14.38 min Scan# 1965

Delta R.T. 0.01 min

Lab File: BG023359.D

Acq: 30 Jul 2016 16:07

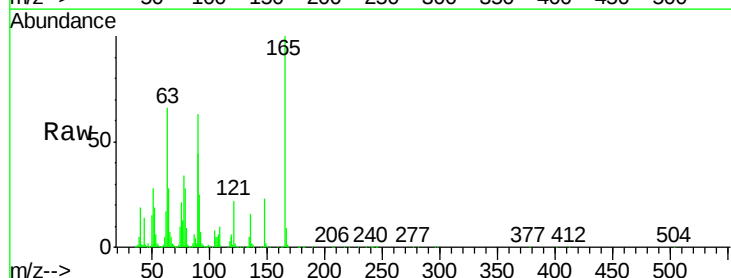
Tgt Ion:165 Resp: 430931

Ion Ratio Lower Upper

165 100

63 65.7 64.3 96.5

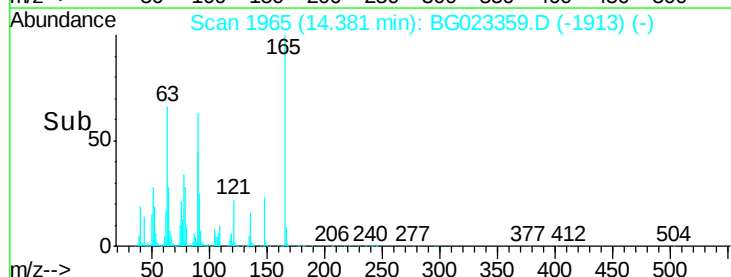
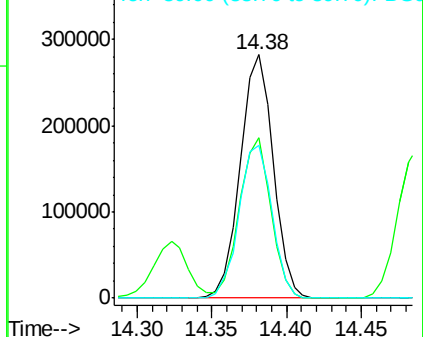
89 62.5 64.3 96.5#

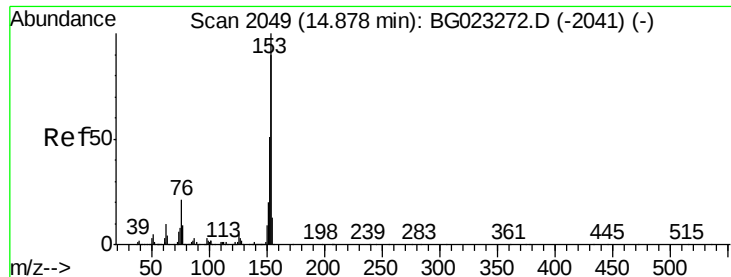


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 45.81 ng

RT: 14.87 min Scan# 2048

Delta R.T. -0.00 min

Lab File: BG023359.D

Acq: 30 Jul 2016 16:07

Instrument :

BNA_G

ClientSampleId :

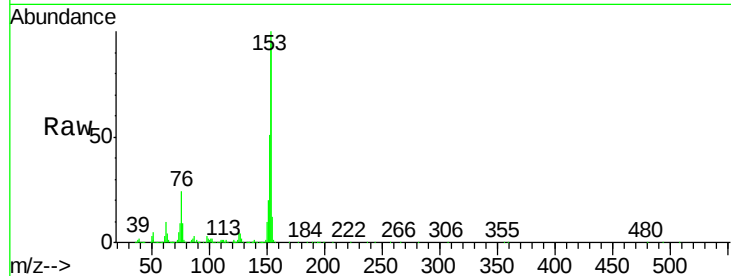
Tot Ion:154 Resp: 1340399

Ion Ratio Lower Upper

154 100

153 106.4 87.5 131.3

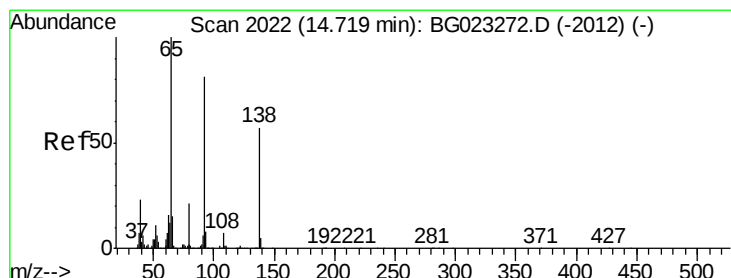
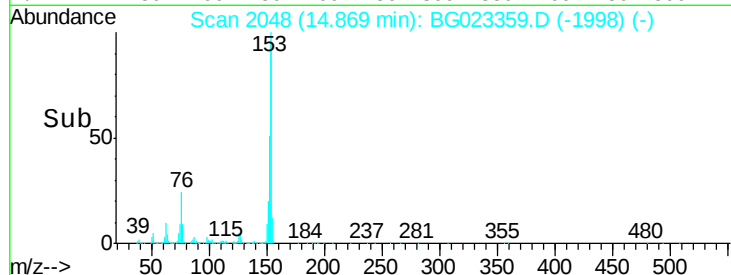
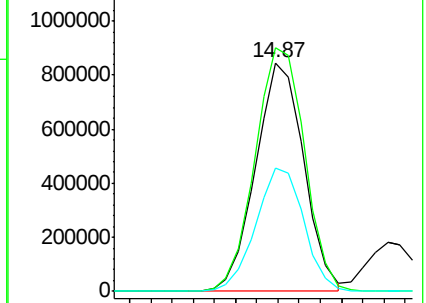
152 53.9 42.7 64.1



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: 23.07 ng

RT: 14.72 min Scan# 2022

Delta R.T. 0.00 min

Lab File: BG023359.D

Acq: 30 Jul 2016 16:07

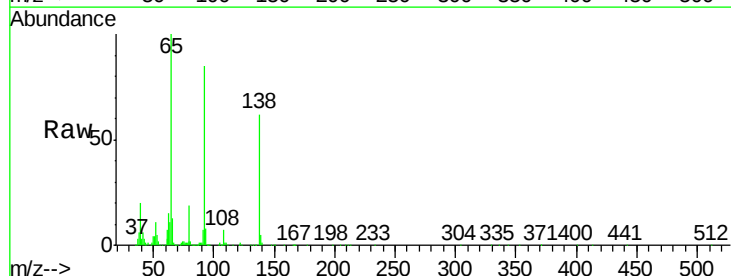
Tgt Ion:138 Resp: 211683

Ion Ratio Lower Upper

138 100

108 11.1 11.7 17.5#

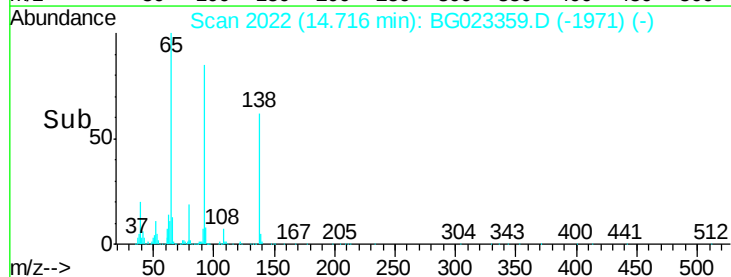
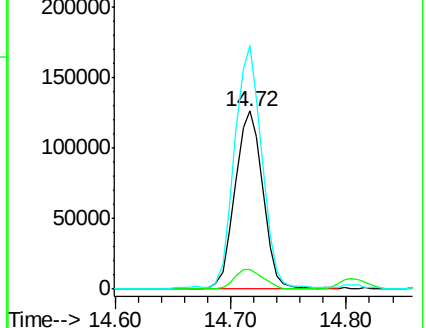
92 136.9 129.7 194.5

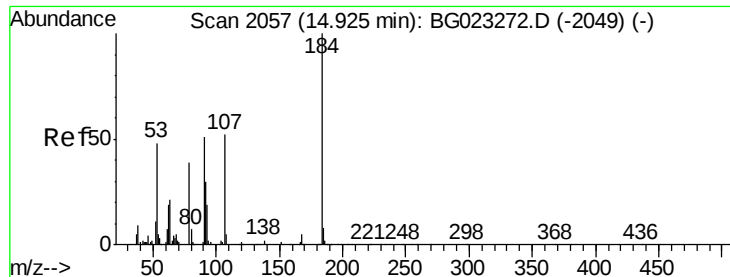


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGO

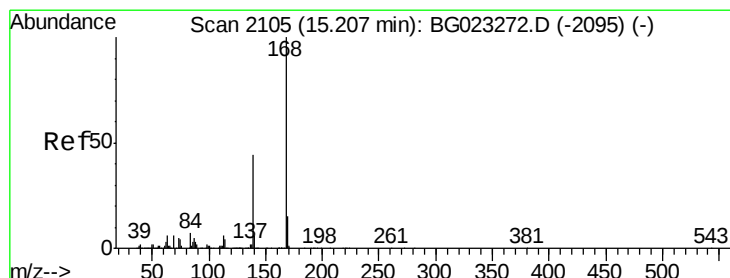
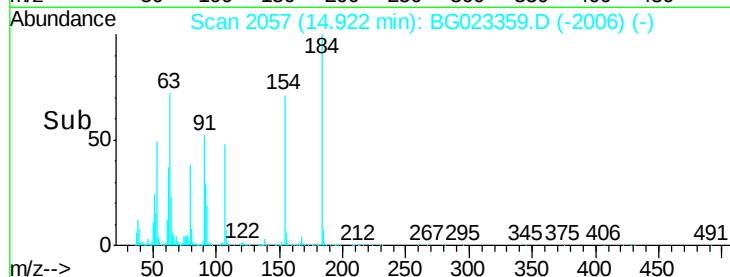
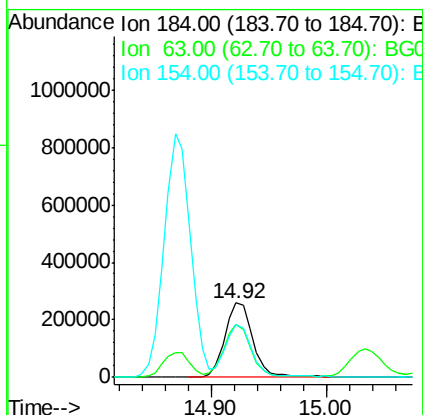
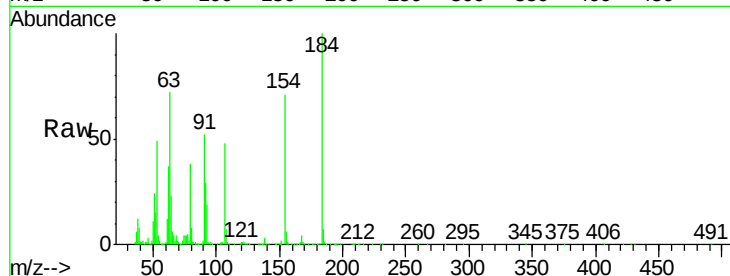




#53
2,4-Dinitrophenol
Concen: 83.09 ng
RT: 14.92 min Scan# 2057
Delta R.T. -0.00 min
Lab File: BG023359.D
Acq: 30 Jul 2016 16:07

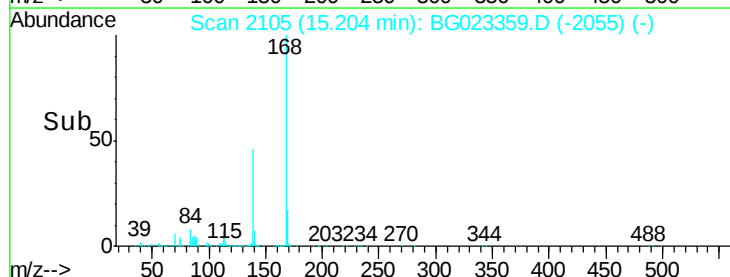
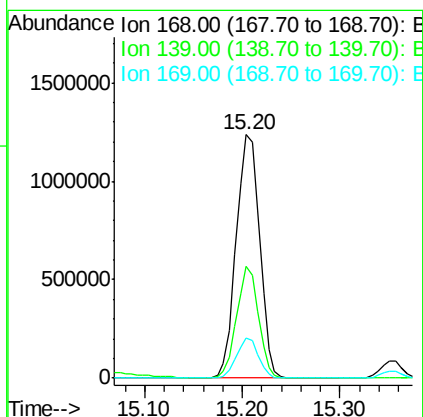
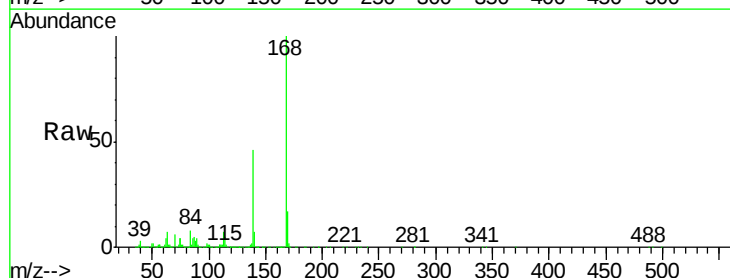
Instrument :
BNA_G
ClientSampleId :

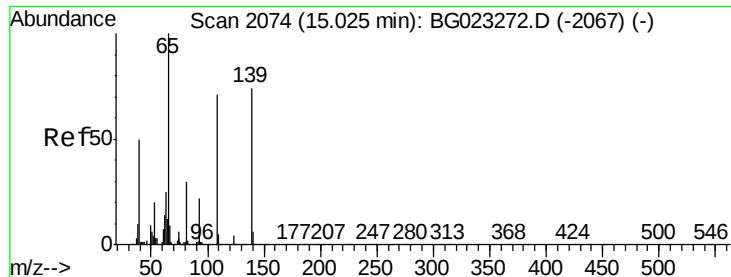
Tot Ion:184 Resp: 443231
Ion Ratio Lower Upper
184 100
63 71.8 59.6 89.4
154 71.4 67.4 101.0



#54
Dibenzofuran
Concen: 49.94 ng
RT: 15.20 min Scan# 2105
Delta R.T. -0.00 min
Lab File: BG023359.D
Acq: 30 Jul 2016 16:07

Tgt Ion:168 Resp: 2067546
Ion Ratio Lower Upper
168 100
139 46.0 36.4 54.6
169 16.7 11.9 17.9

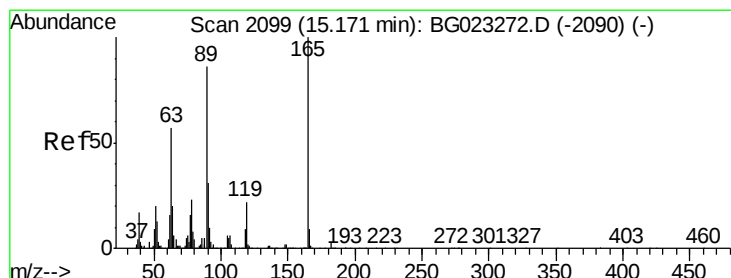
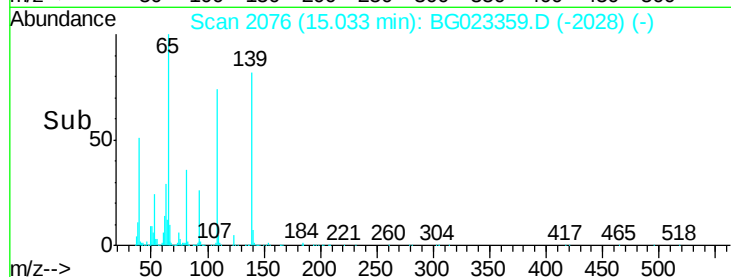
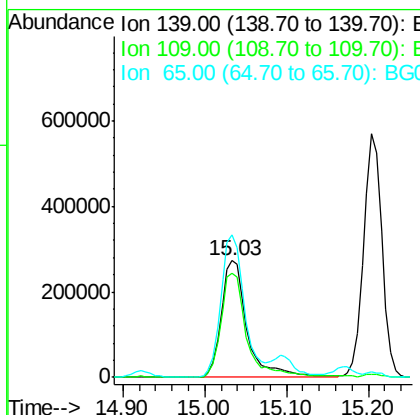
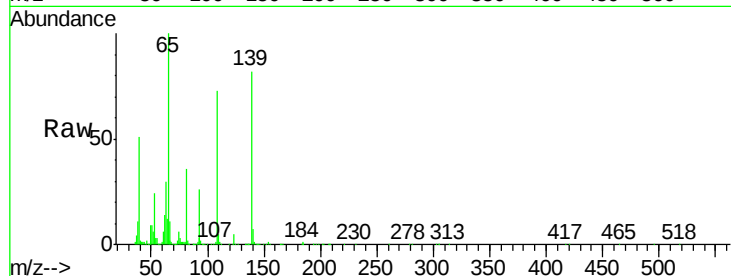




#55
4-Nitrophenol
Concen: 75.85 ng
RT: 15.03 min Scan# 2076
Delta R.T. -0.02 min
Lab File: BG023359.D
Acq: 30 Jul 2016 16:07

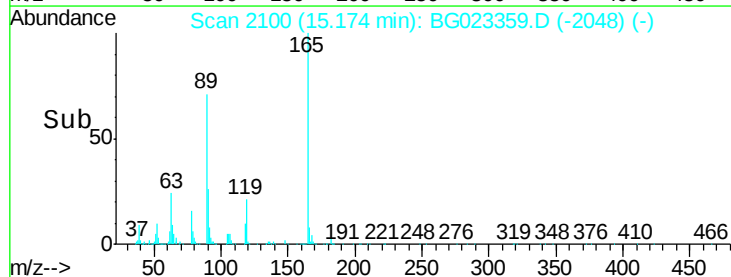
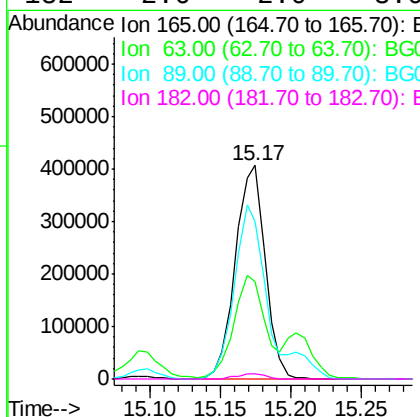
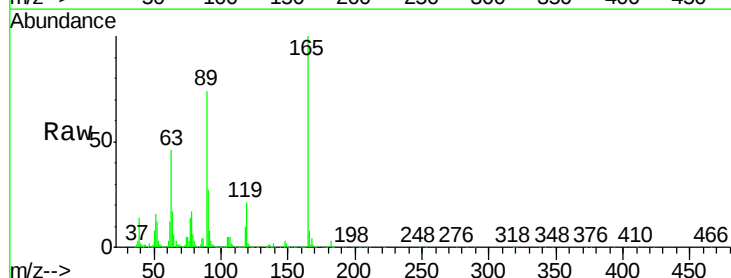
Instrument :
BNA_G
ClientSampled :

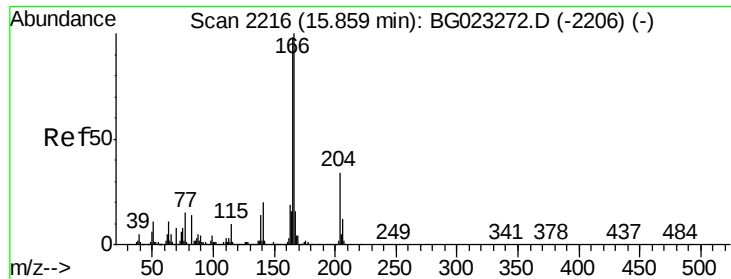
Tot Ion:139 Resp: 603687
Ion Ratio Lower Upper
139 100
109 89.6 103.0 143.0#
65 122.6 112.7 152.7



#56
2,4-Dinitrotoluene
Concen: 46.69 ng
RT: 15.17 min Scan# 2100
Delta R.T. 0.01 min
Lab File: BG023359.D
Acq: 30 Jul 2016 16:07

Tgt Ion:165 Resp: 598913
Ion Ratio Lower Upper
165 100
63 45.7 45.8 68.6#
89 73.7 68.6 102.8
182 2.6 2.0 3.0

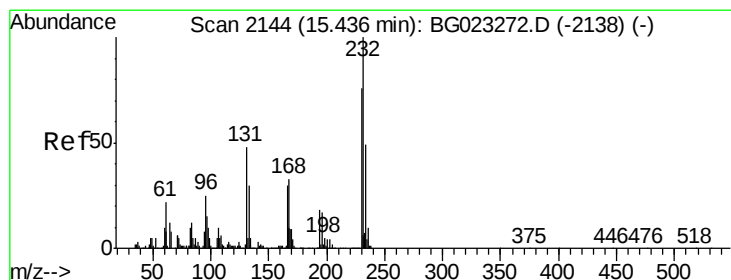
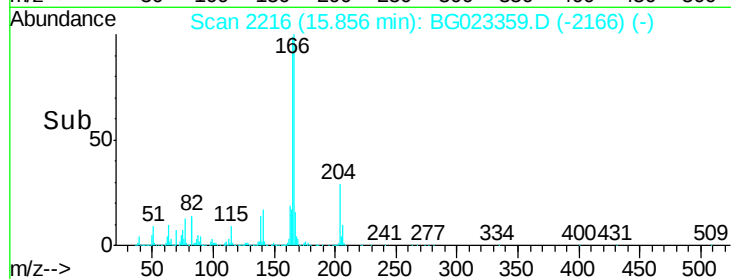
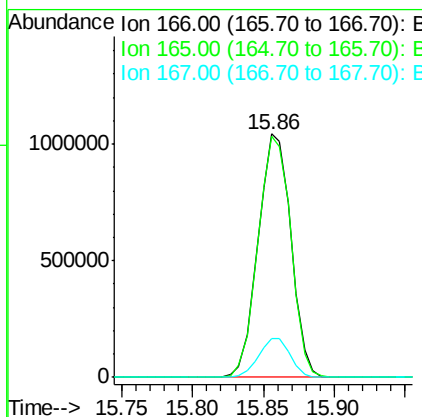
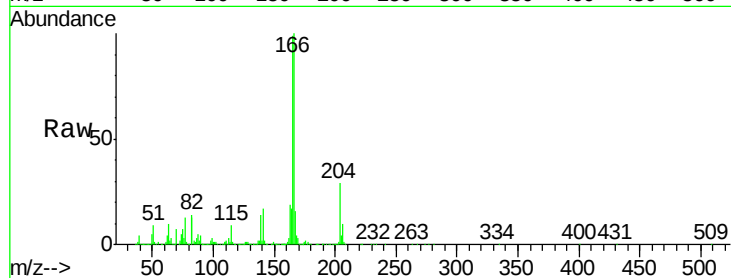




#57
 Fluorene
 Concen: 46.68 ng
 RT: 15.86 min Scan# 2216
 Delta R.T. -0.00 min
 Lab File: BG023359.D
 Acq: 30 Jul 2016 16:07

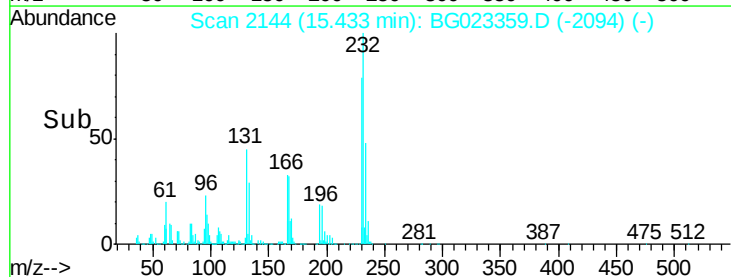
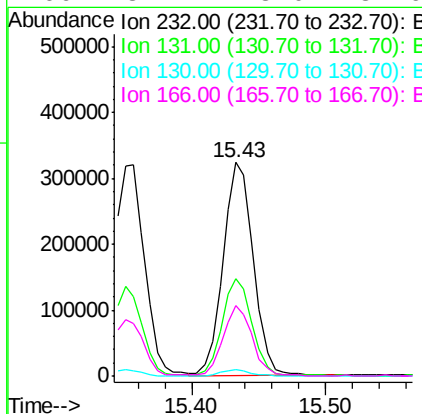
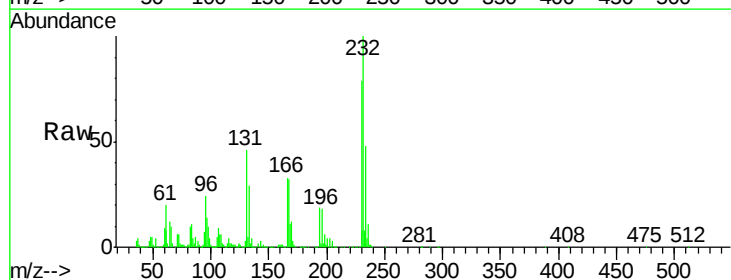
Instrument :
 BNA_G
 ClientSampleId :

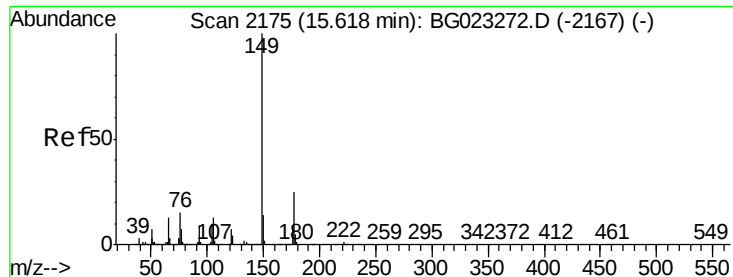
Tot Ion:166 Resp: 1706583
 Ion Ratio Lower Upper
 166 100
 165 99.3 81.0 121.6
 167 16.1 12.0 18.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 56.62 ng
 RT: 15.43 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: BG023359.D
 Acq: 30 Jul 2016 16:07

Tgt Ion:232 Resp: 509780
 Ion Ratio Lower Upper
 232 100
 131 44.6 32.7 49.1
 130 2.9 2.6 3.8
 166 32.2 23.0 34.6



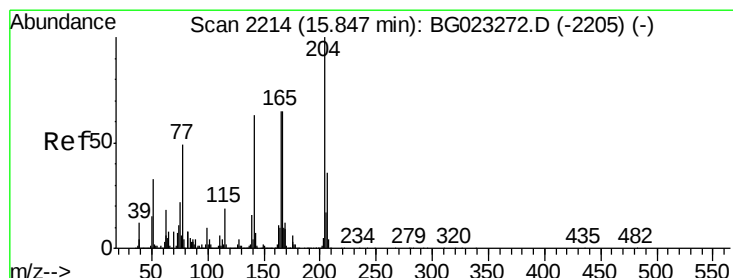
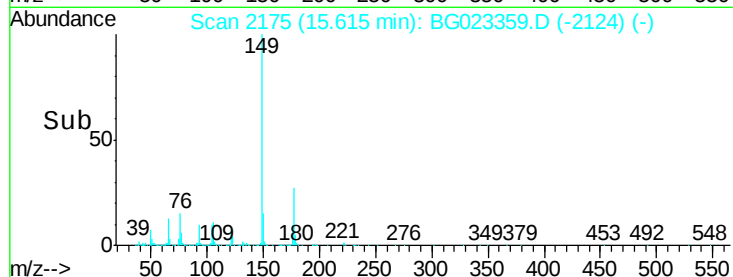
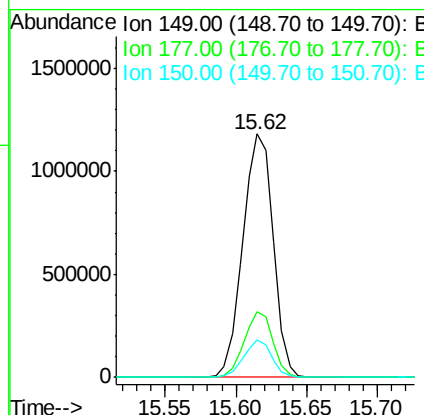
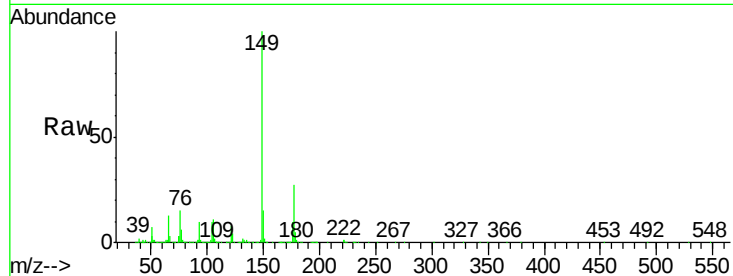


#59
Diethylphthalate
Concen: 44.47 ng
RT: 15.62 min Scan# 2175
Delta R.T. 0.00 min
Lab File: BG023359.D
Acq: 30 Jul 2016 16:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 1771922

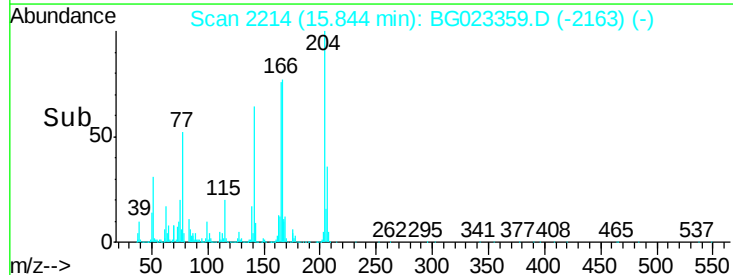
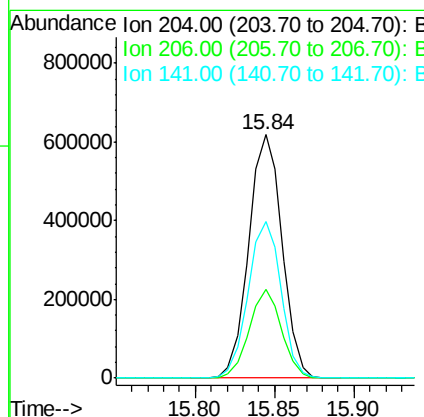
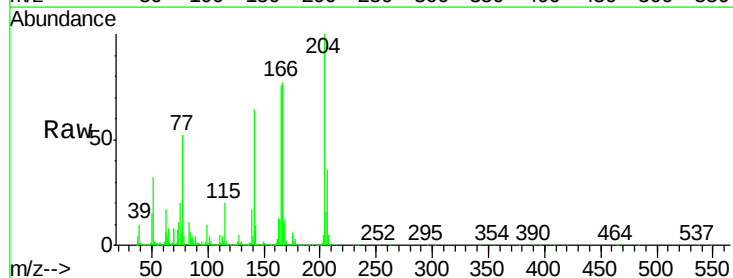
Ion	Ratio	Lower	Upper
149	100		
177	27.0	19.2	28.8
150	15.2	10.6	16.0

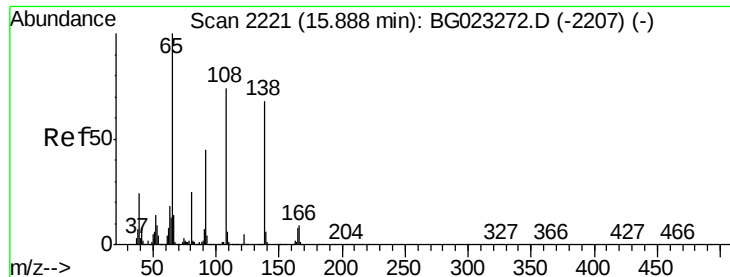


#60
4-Chlorophenyl-phenylether
Concen: 45.58 ng
RT: 15.84 min Scan# 2214
Delta R.T. 0.00 min
Lab File: BG023359.D
Acq: 30 Jul 2016 16:07

Tgt Ion:204 Resp: 902062

Ion	Ratio	Lower	Upper
204	100		
206	36.4	28.5	42.7
141	64.5	51.4	77.0

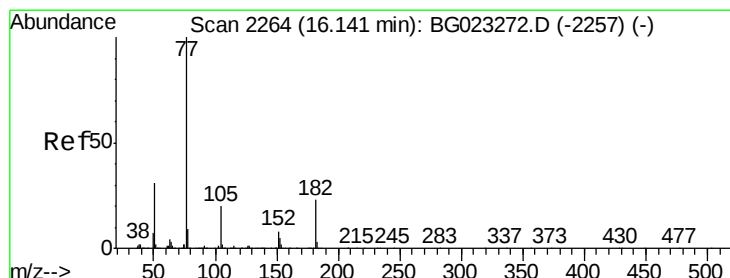
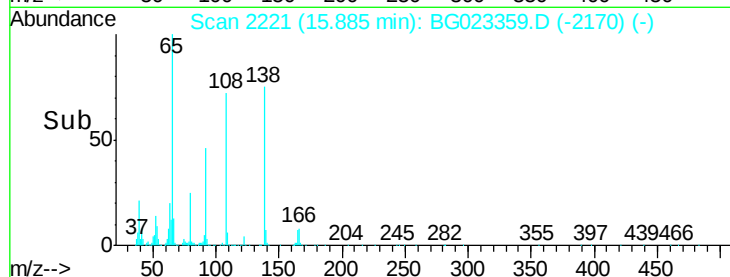
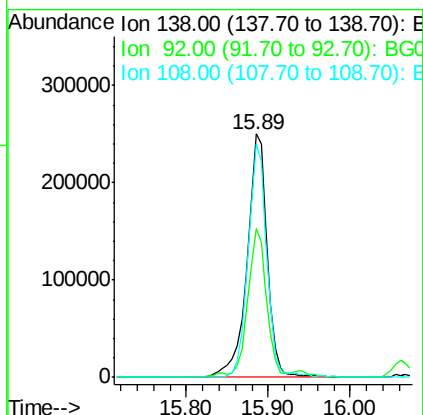
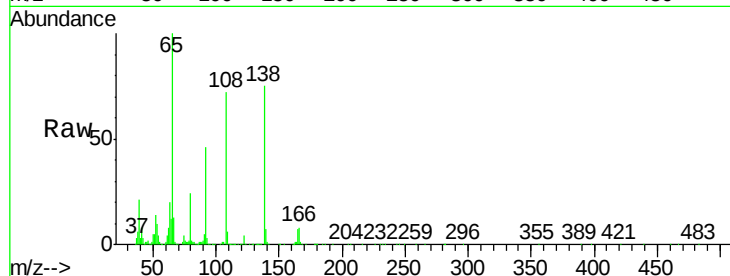




#61
4-Nitroaniline
Concen: 44.39 ng
RT: 15.89 min Scan# 2221
Delta R.T. 0.00 min
Lab File: BG023359.D
Acq: 30 Jul 2016 16:07

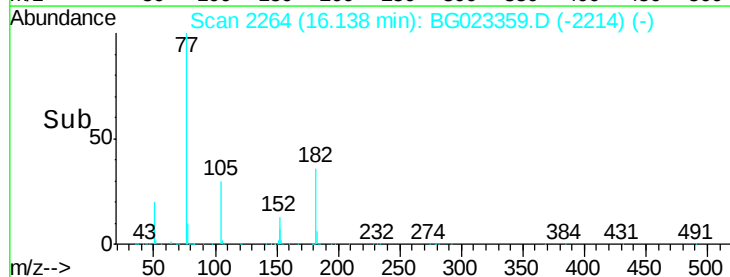
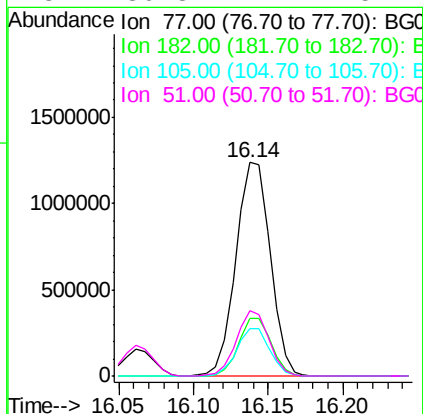
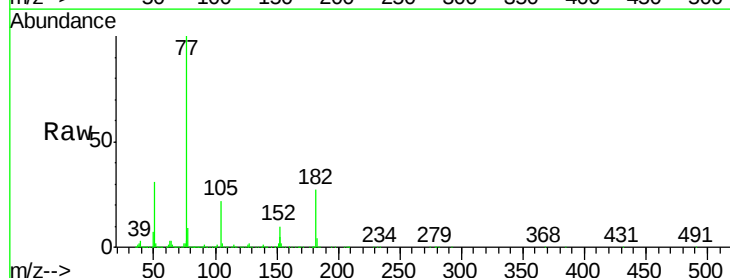
Instrument :
BNA_G
ClientSampleId :

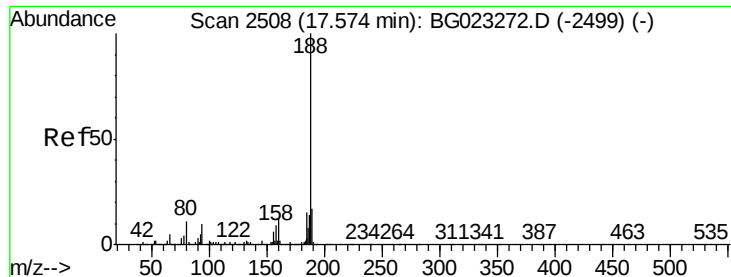
Tot Ion:138 Resp: 427094
Ion Ratio Lower Upper
138 100
92 61.2 54.1 94.1
108 96.1 133.9 173.9#



#62
Azobenzene
Concen: 47.79 ng
RT: 16.14 min Scan# 2264
Delta R.T. -0.00 min
Lab File: BG023359.D
Acq: 30 Jul 2016 16:07

Tgt Ion: 77 Resp: 1974548
Ion Ratio Lower Upper
77 100
182 26.7 3.5 43.5
105 22.3 0.0 38.5
51 30.8 17.1 57.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.57 min Scan# 2507

Delta R.T. -0.00 min

Lab File: BG023359.D

Acq: 30 Jul 2016 16:07

Instrument :

BNA_G

ClientSampleId :

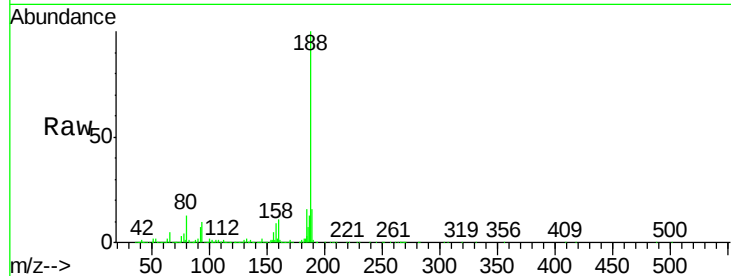
Tot Ion:188 Resp: 1166856

Ion Ratio Lower Upper

188 100

94 9.6 5.2 7.8#

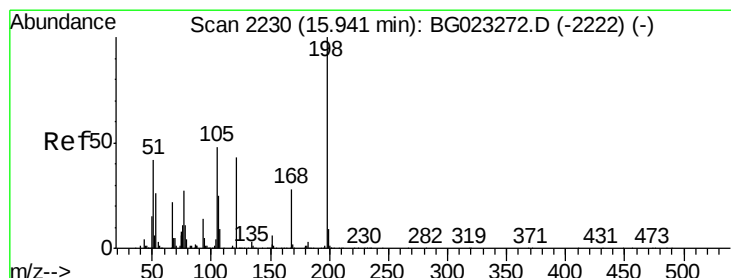
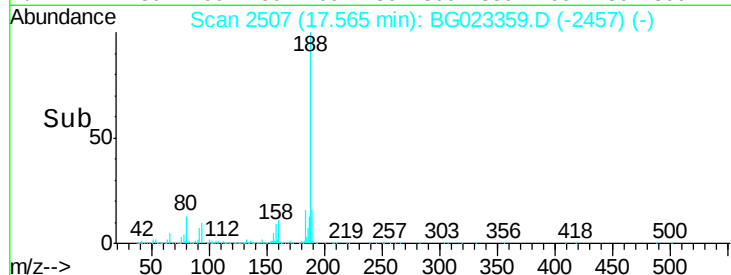
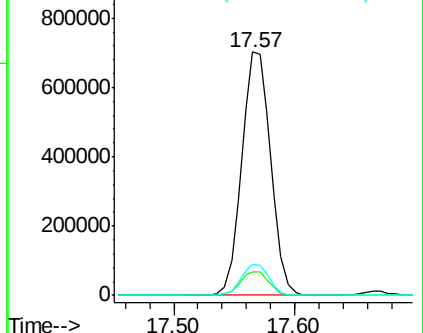
80 13.0 7.2 10.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 46.51 ng

RT: 15.94 min Scan# 2230

Delta R.T. 0.00 min

Lab File: BG023359.D

Acq: 30 Jul 2016 16:07

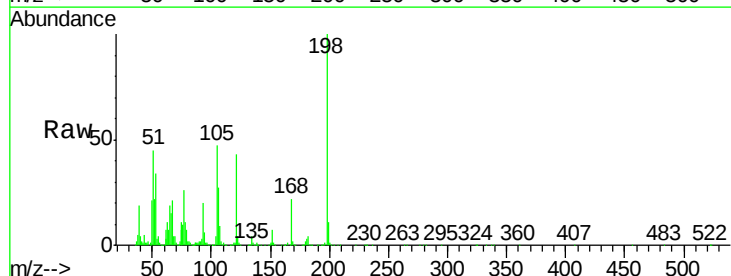
Tgt Ion:198 Resp: 348561

Ion Ratio Lower Upper

198 100

51 44.6 26.0 66.0

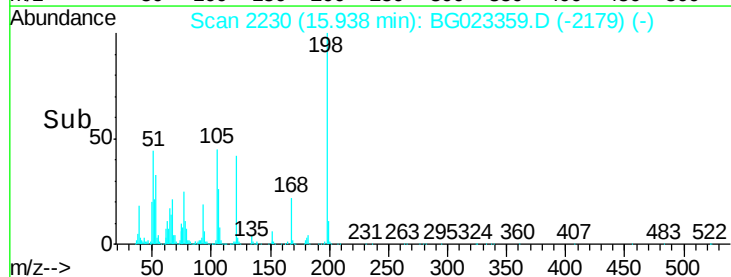
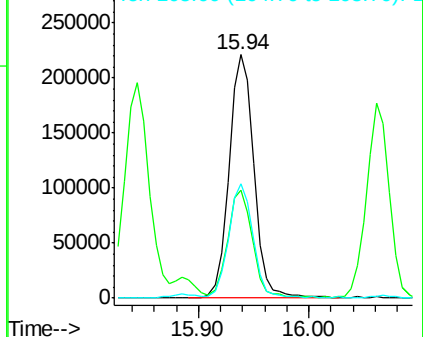
105 46.9 20.1 60.1

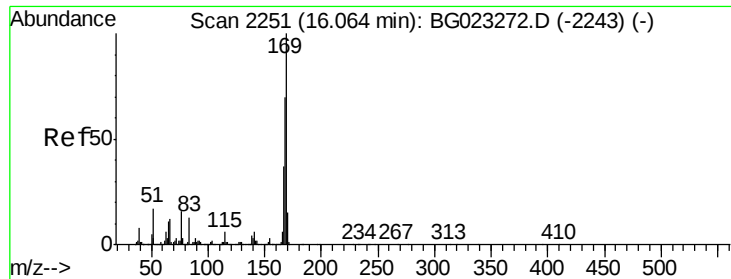


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

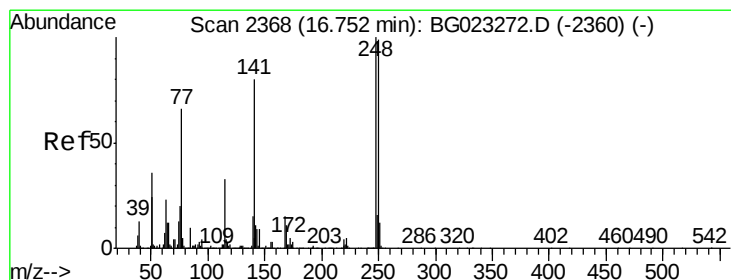
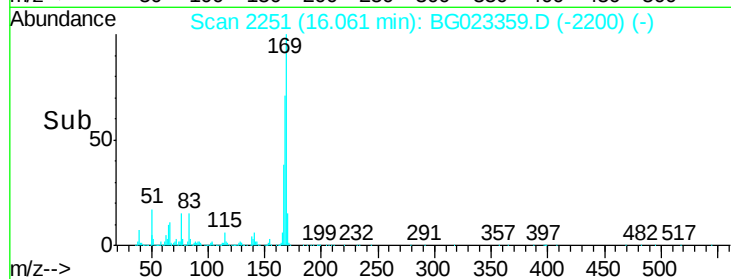
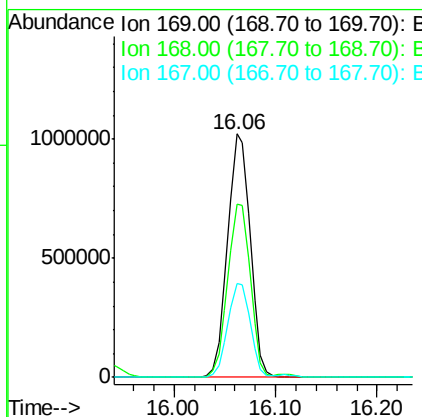
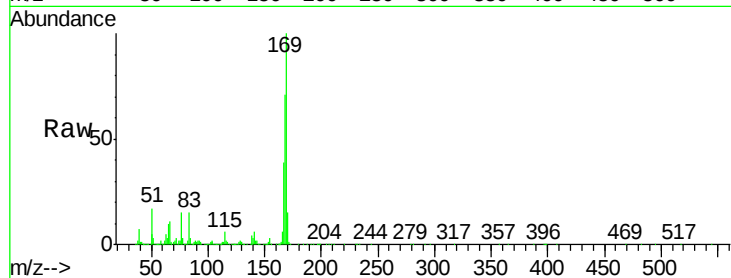




#65
 n-Nitrosodiphenylamine
 Concen: 50.89 ng
 RT: 16.06 min Scan# 2251
 Delta R.T. 0.00 min
 Lab File: BG023359.D
 Acq: 30 Jul 2016 16:07

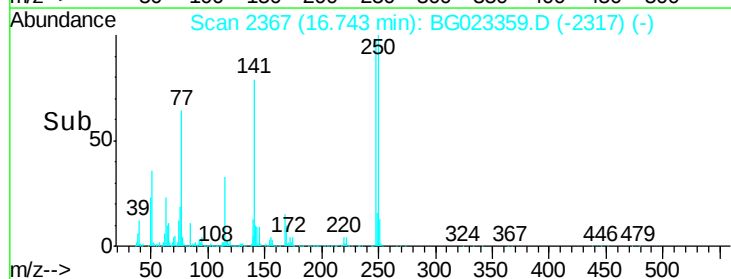
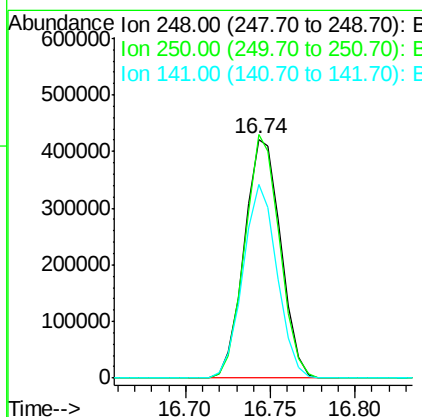
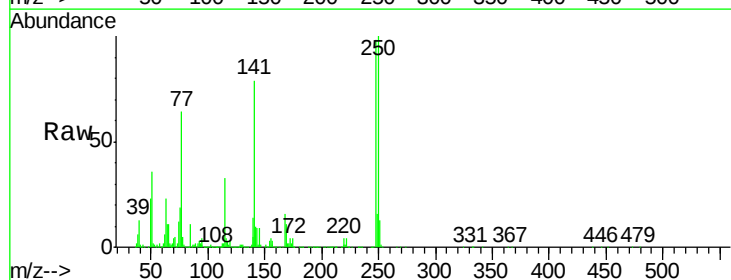
Instrument :
 BNA_G
 ClientSampleId :

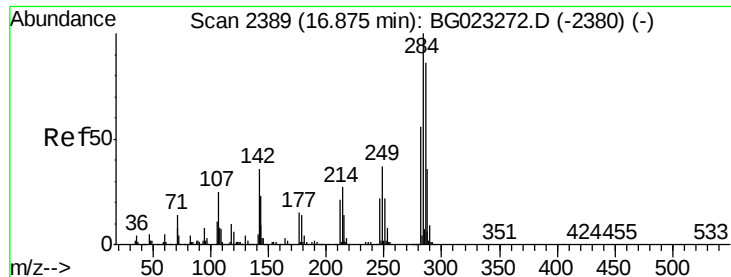
Tot Ion:169 Resp: 1585305
 Ion Ratio Lower Upper
 169 100
 168 71.0 55.0 82.4
 167 38.5 27.4 41.0



#66
 4-Bromophenyl-phenylether
 Concen: 53.49 ng
 RT: 16.74 min Scan# 2367
 Delta R.T. -0.00 min
 Lab File: BG023359.D
 Acq: 30 Jul 2016 16:07

Tgt Ion:248 Resp: 631117
 Ion Ratio Lower Upper
 248 100
 250 101.9 77.8 116.8
 141 80.9 65.7 98.5





#67

Hexachlorobenzene

Concen: 54.49 ng

RT: 16.87 min Scan# 2388

Delta R.T. -0.00 min

Lab File: BG023359.D

Acq: 30 Jul 2016 16:07

Instrument :

BNA_G

ClientSampled :

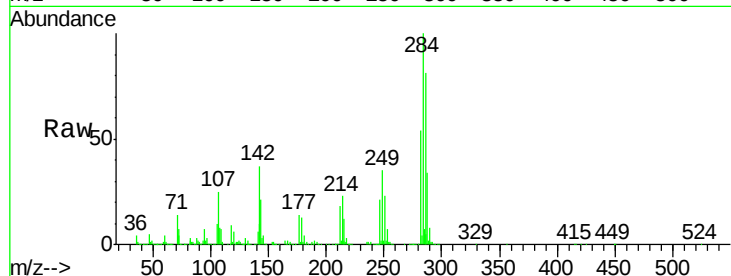
Tot Ion:284 Resp: 646361

Ion Ratio Lower Upper

284 100

142 37.3 26.8 40.2

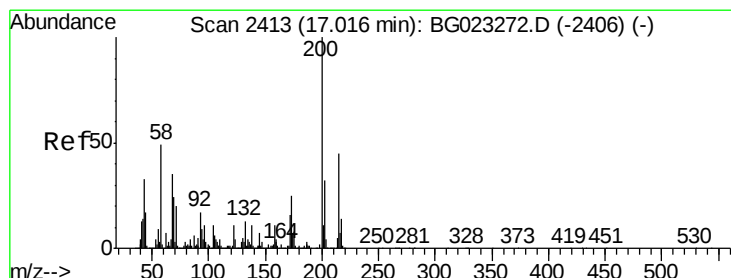
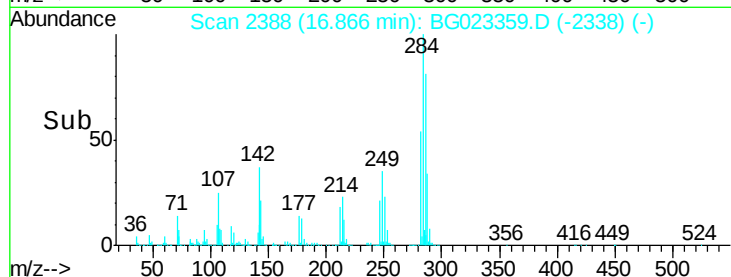
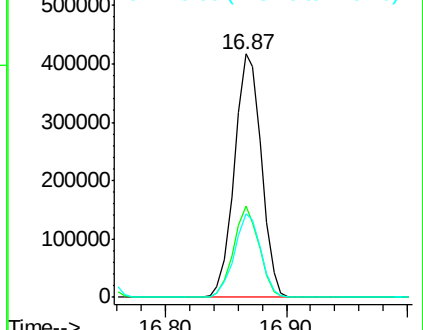
249 34.6 28.9 43.3



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: 40.80 ng

RT: 17.01 min Scan# 2413

Delta R.T. 0.00 min

Lab File: BG023359.D

Acq: 30 Jul 2016 16:07

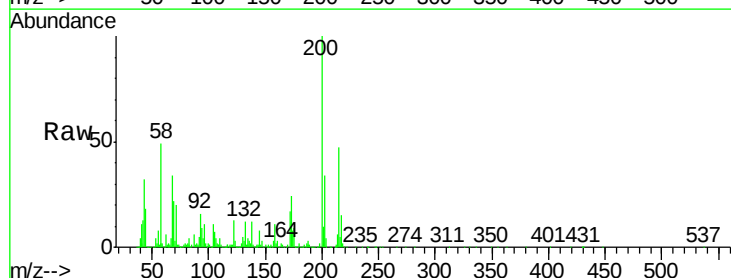
Tgt Ion:200 Resp: 487510

Ion Ratio Lower Upper

200 100

173 24.3 1.6 41.6

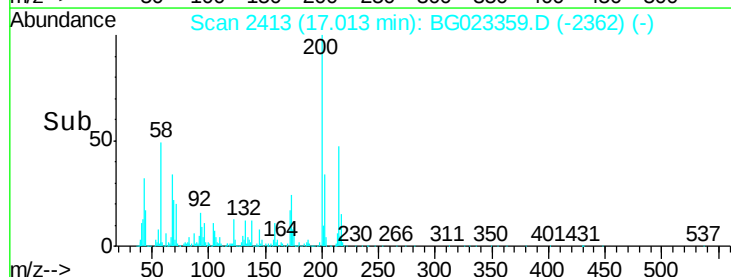
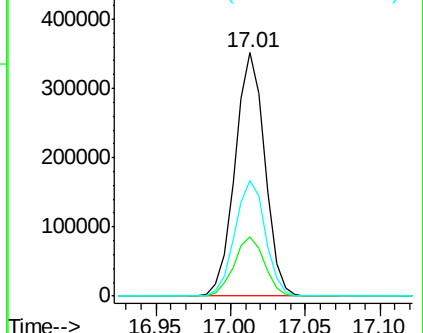
215 47.4 28.7 68.7

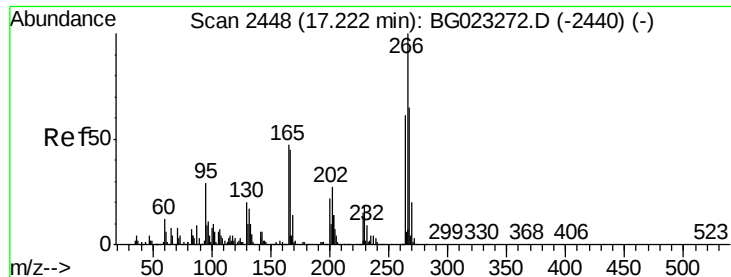


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

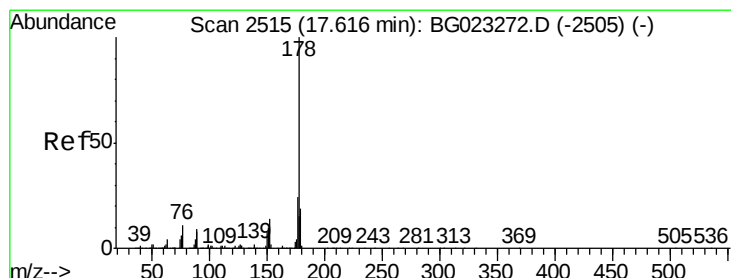
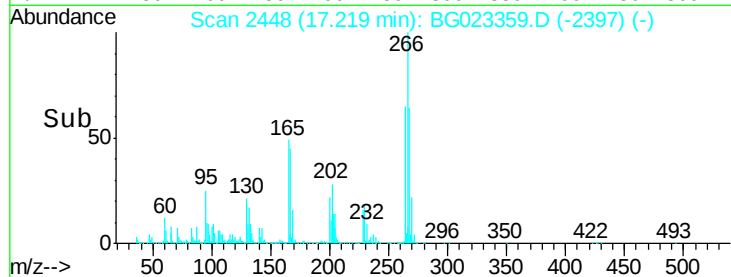
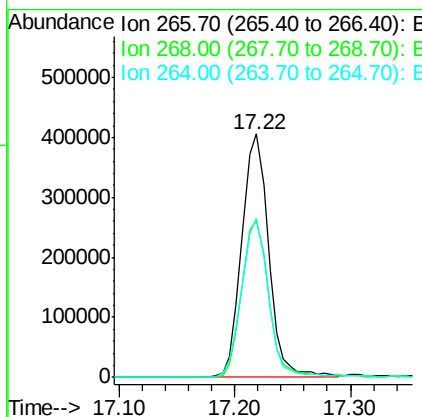
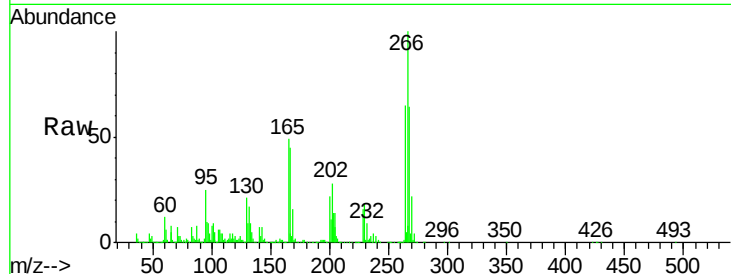




#69
 Pentachlorophenol
 Concen: 90.22 ng
 RT: 17.22 min Scan# 2448
 Delta R.T. -0.00 min
 Lab File: BG023359.D
 Acq: 30 Jul 2016 16:07

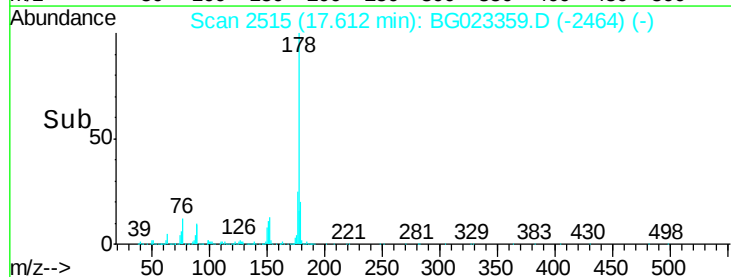
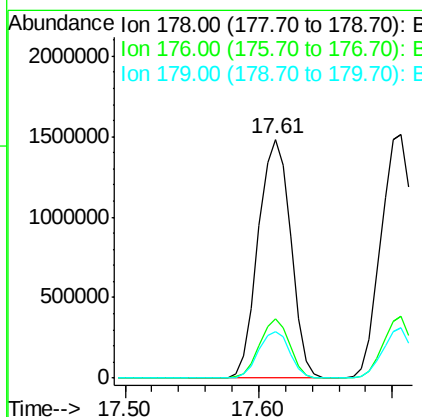
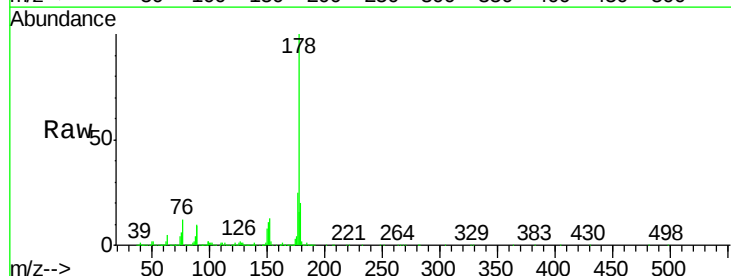
Instrument :
 BNA_G
 ClientSampled :

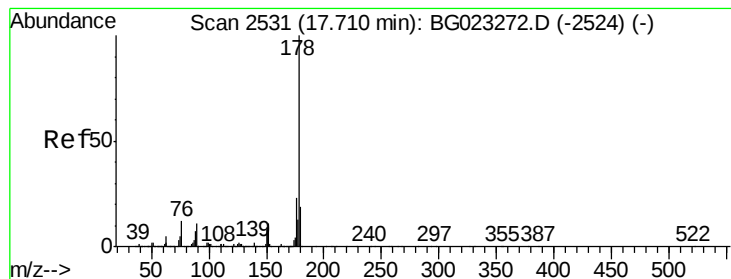
Tot Ion:266 Resp: 660536
 Ion Ratio Lower Upper
 266 100
 268 64.4 51.9 77.9
 264 65.3 50.6 75.8



#70
 Phenanthrene
 Concen: 49.02 ng
 RT: 17.61 min Scan# 2515
 Delta R.T. 0.00 min
 Lab File: BG023359.D
 Acq: 30 Jul 2016 16:07

Tgt Ion:178 Resp: 2502029
 Ion Ratio Lower Upper
 178 100
 176 24.8 16.8 25.2
 179 19.5 14.3 21.5





#71

Anthracene

Concen: 49.39 ng

RT: 17.71 min Scan# 2531

Delta R.T. 0.00 min

Lab File: BG023359.D

Acq: 30 Jul 2016 16:07

Instrument :

BNA_G

ClientSampleId :

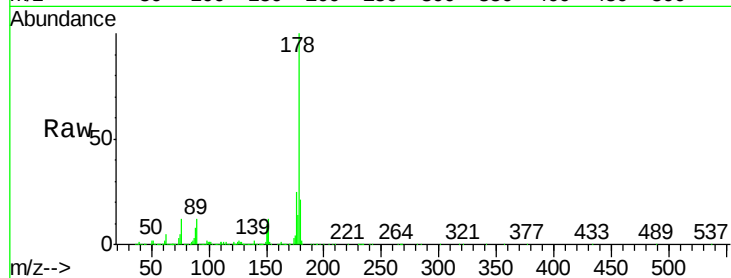
Tot Ion:178 Resp: 2546776

Ion Ratio Lower Upper

178 100

176 25.2 17.3 25.9

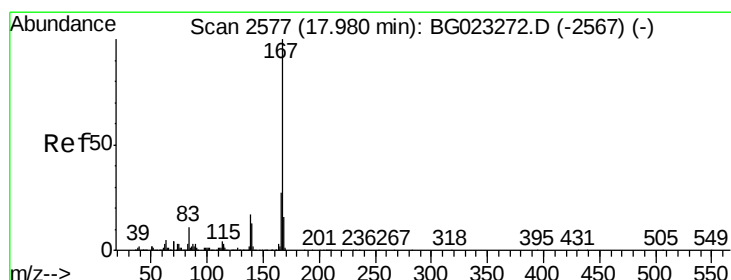
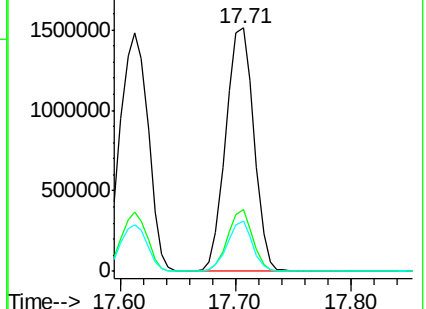
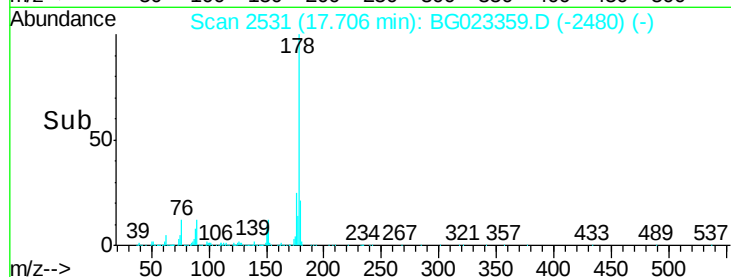
179 20.7 14.0 21.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 46.15 ng

RT: 17.98 min Scan# 2577

Delta R.T. -0.00 min

Lab File: BG023359.D

Acq: 30 Jul 2016 16:07

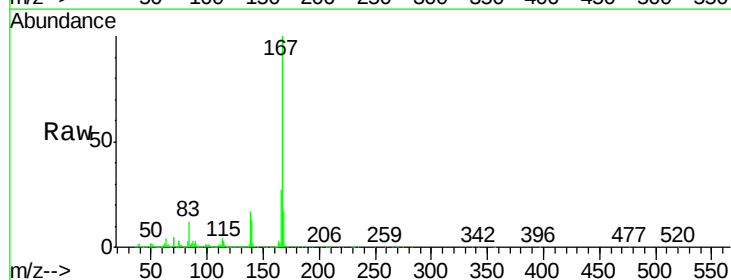
Tgt Ion:167 Resp: 2179799

Ion Ratio Lower Upper

167 100

166 27.2 20.7 31.1

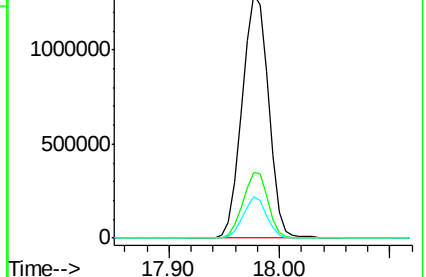
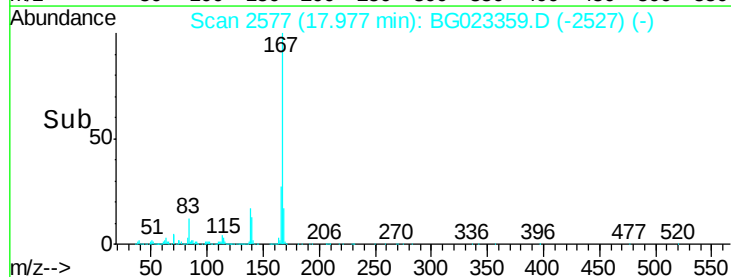
139 16.9 11.9 17.9

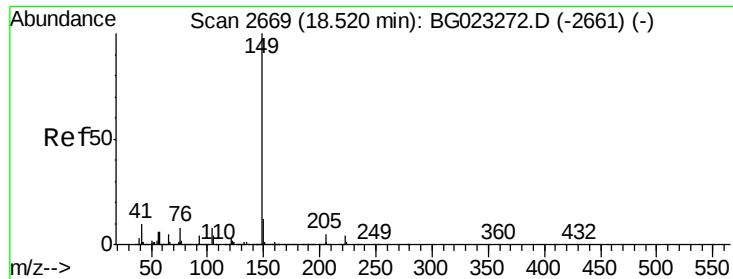


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 43.06 ng

RT: 18.52 min Scan# 2669

Delta R.T. -0.01 min

Lab File: BG023359.D

Acq: 30 Jul 2016 16:07

Instrument :

BNA_G

ClientSampleId :

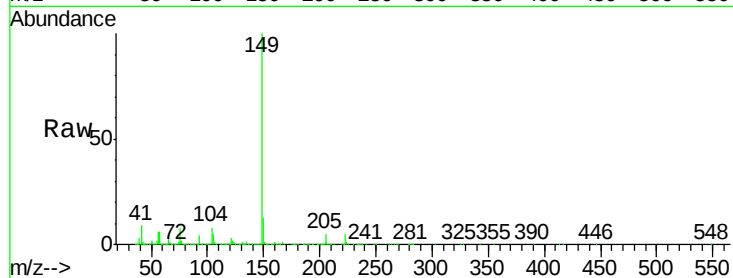
Tot Ion:149 Resp: 2269047

Ion Ratio Lower Upper

149 100

150 13.4 9.1 13.7

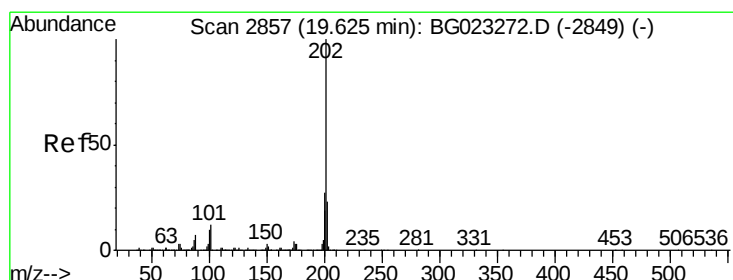
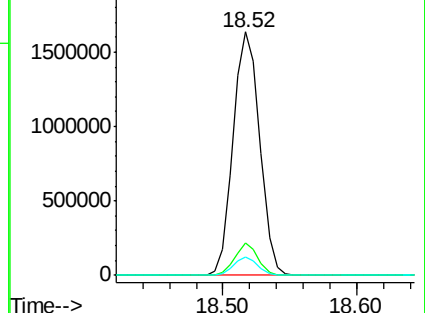
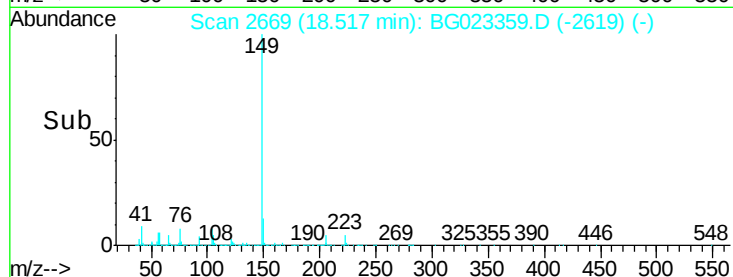
104 7.7 6.9 10.3



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: 43.12 ng

RT: 19.62 min Scan# 2857

Delta R.T. -0.00 min

Lab File: BG023359.D

Acq: 30 Jul 2016 16:07

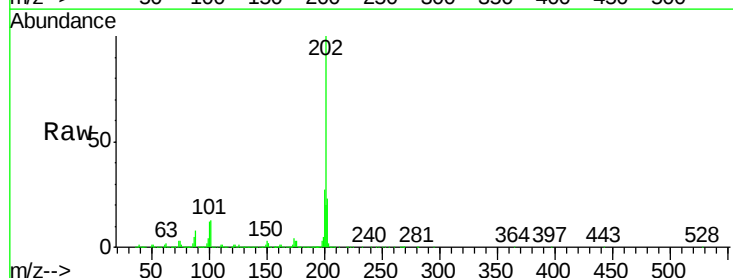
Tgt Ion:202 Resp: 2511537

Ion Ratio Lower Upper

202 100

101 13.2 0.0 27.4

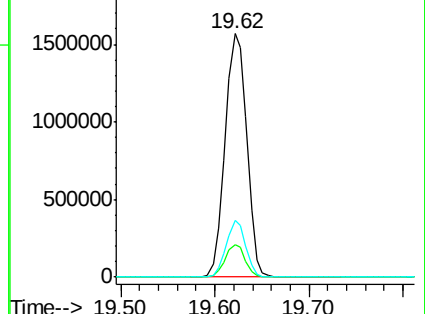
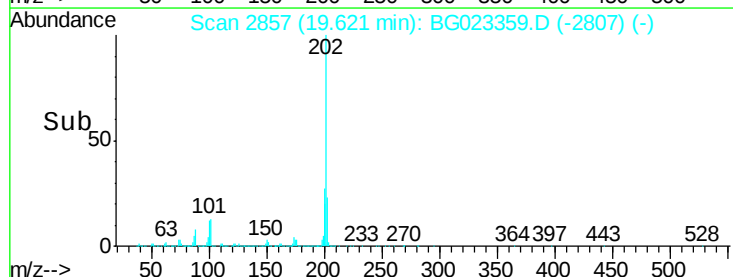
203 23.1 1.7 41.7

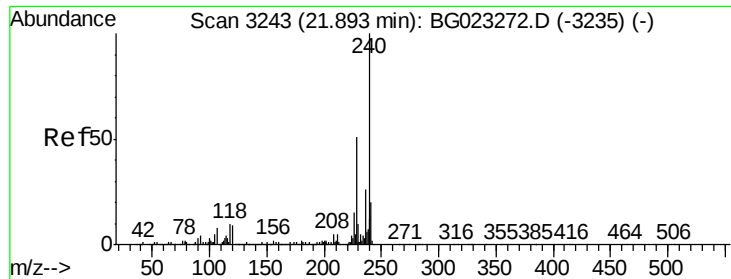


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.89 min Scan# 3243

Delta R.T. 0.00 min

Lab File: BG023359.D

Acq: 30 Jul 2016 16:07

Instrument :

BNA_G

ClientSampleId :

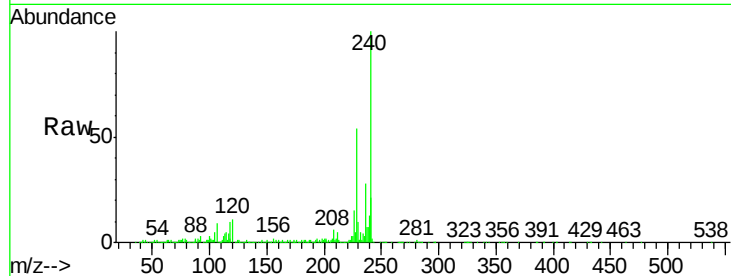
Tot Ion:240 Resp: 1050367

Ion Ratio Lower Upper

240 100

120 11.5 4.1 6.1#

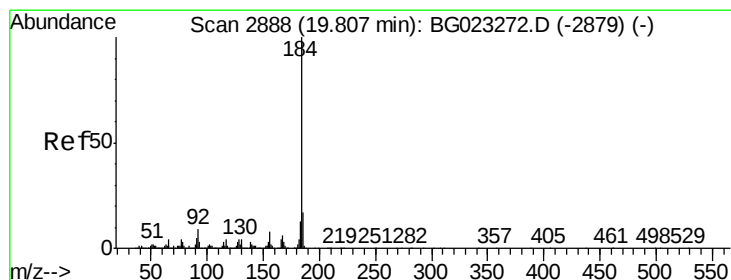
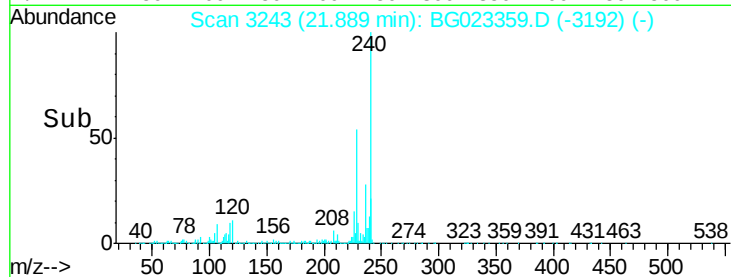
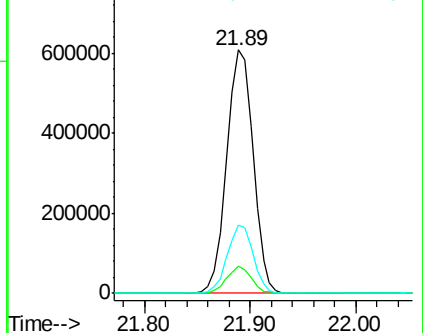
236 28.1 21.1 31.7



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: 31.47 ng

RT: 19.80 min Scan# 2888

Delta R.T. -0.00 min

Lab File: BG023359.D

Acq: 30 Jul 2016 16:07

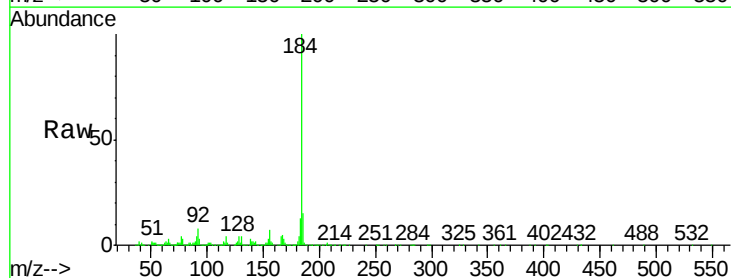
Tgt Ion:184 Resp: 929558

Ion Ratio Lower Upper

184 100

185 14.6 12.6 19.0

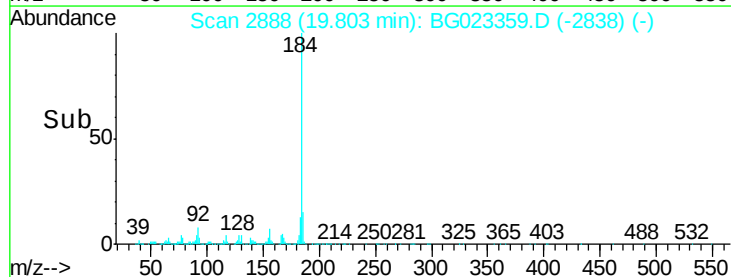
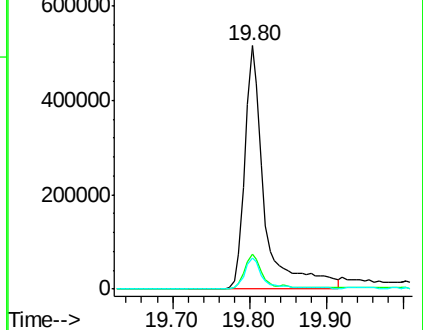
183 12.7 10.7 16.1

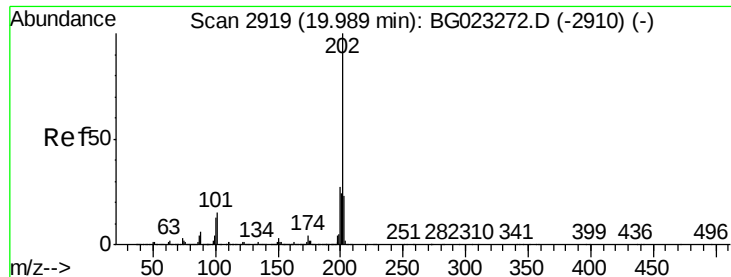


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

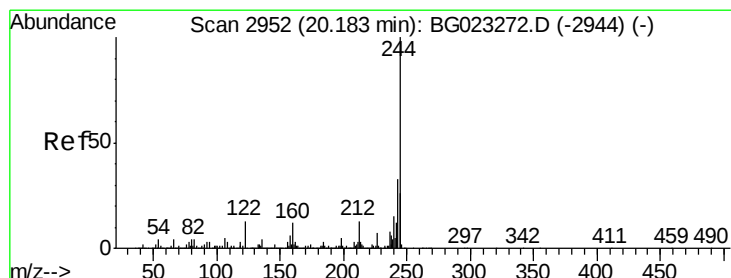
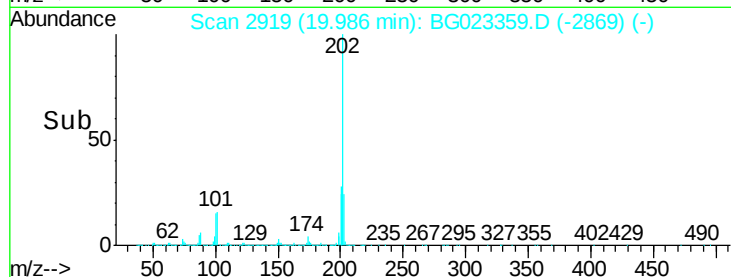
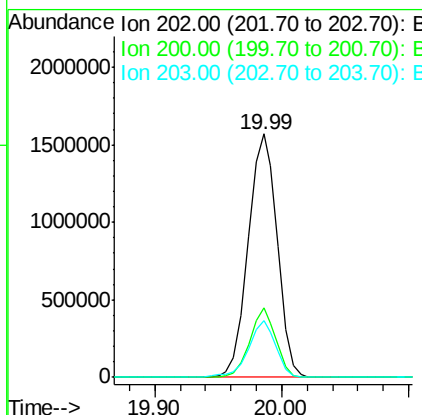
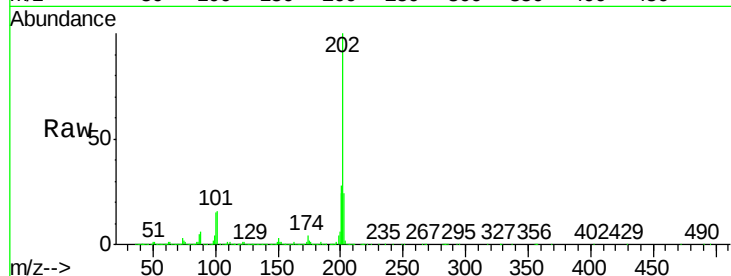




#77
Pvrene
Concen: 41.79 ng
RT: 19.99 min Scan# 2919
Delta R.T. -0.00 min
Lab File: BG023359.D
Acq: 30 Jul 2016 16:07

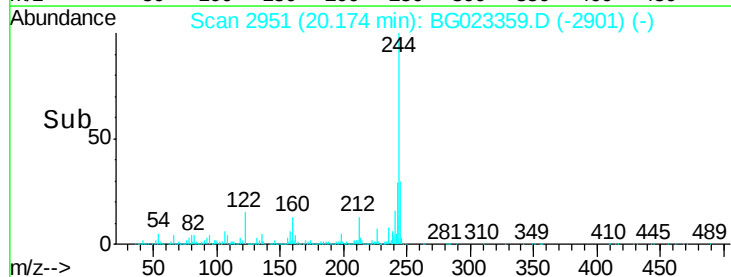
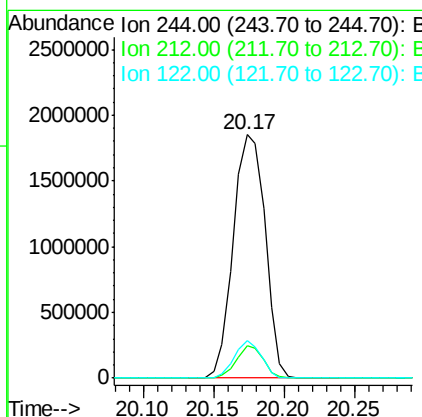
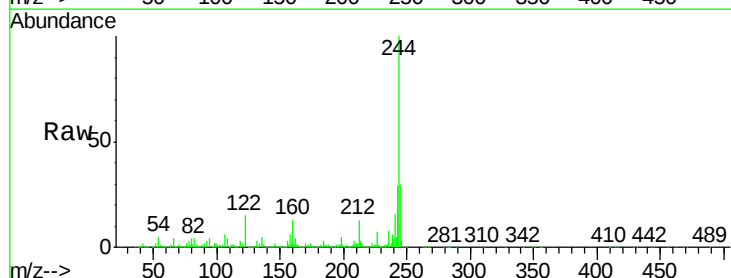
Instrument :
BNA_G
ClientSampleId :

Tot Ion:202 Resp: 2491043
Ion Ratio Lower Upper
202 100
200 28.3 21.2 31.8
203 23.5 16.8 25.2



#78
Terphenyl-d14
Concen: 90.49 ng
RT: 20.17 min Scan# 2951
Delta R.T. -0.00 min
Lab File: BG023359.D
Acq: 30 Jul 2016 16:07

Tgt Ion:244 Resp: 2924063
Ion Ratio Lower Upper
244 100
212 13.3 10.8 16.2
122 15.2 8.0 12.0#

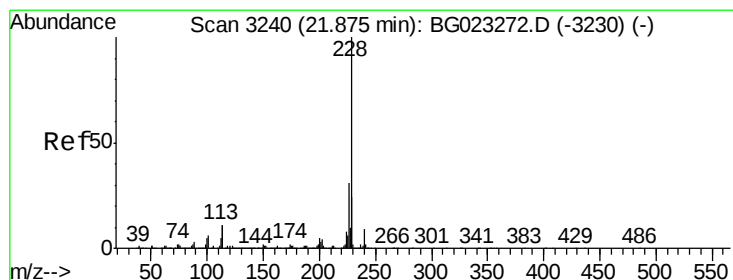
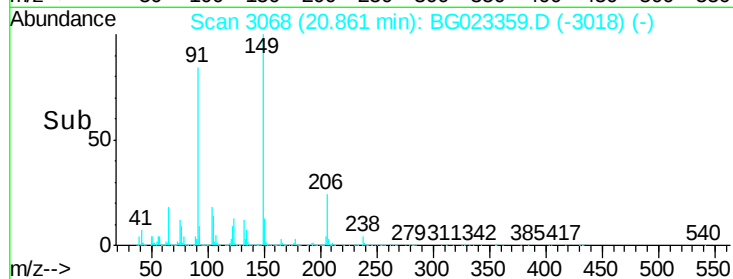
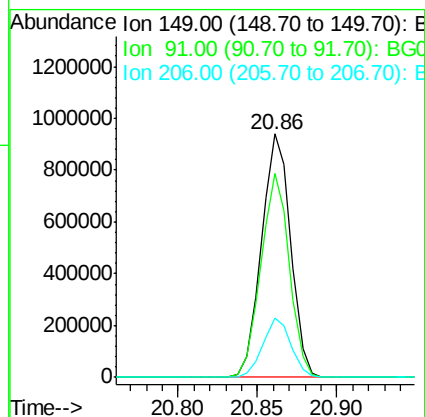
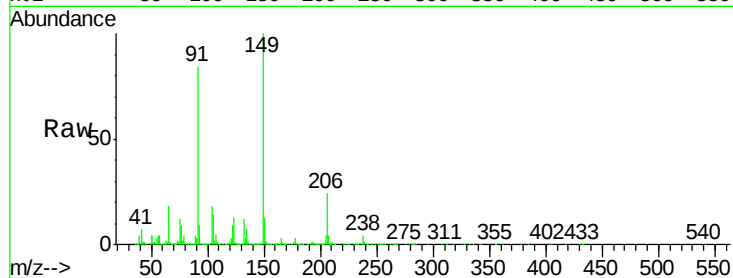




#79
Butylbenzylphthalate
Concen: 45.95 ng
RT: 20.86 min Scan# 3068
Delta R.T. -0.01 min
Lab File: BG023359.D
Acq: 30 Jul 2016 16:07

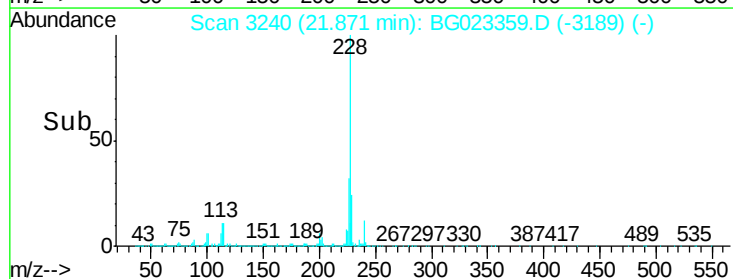
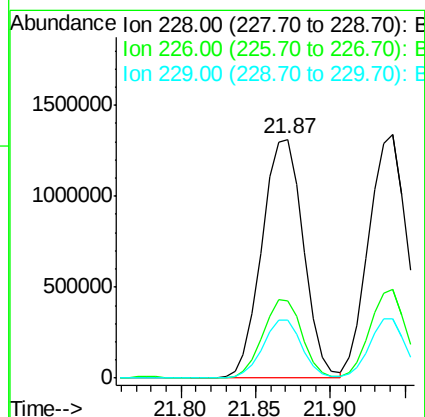
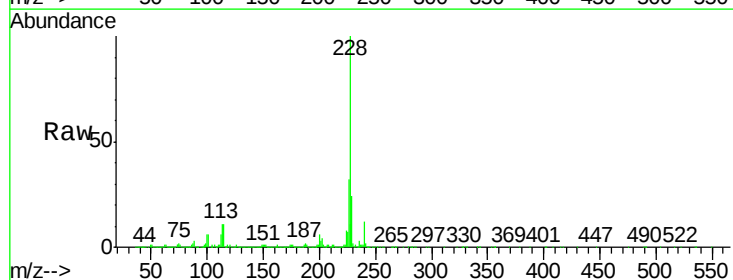
Instrument :
BNA_G
ClientSampleId :

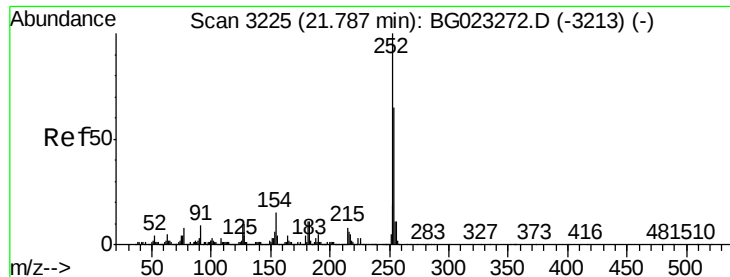
Tot Ion:149 Resp: 1204853
Ion Ratio Lower Upper
149 100
91 84.0 68.1 102.1
206 24.2 19.8 29.6



#80
Benzo(a)anthracene
Concen: 46.12 ng
RT: 21.87 min Scan# 3240
Delta R.T. 0.00 min
Lab File: BG023359.D
Acq: 30 Jul 2016 16:07

Tgt Ion:228 Resp: 2536294
Ion Ratio Lower Upper
228 100
226 32.3 25.3 37.9
229 24.3 19.9 29.9

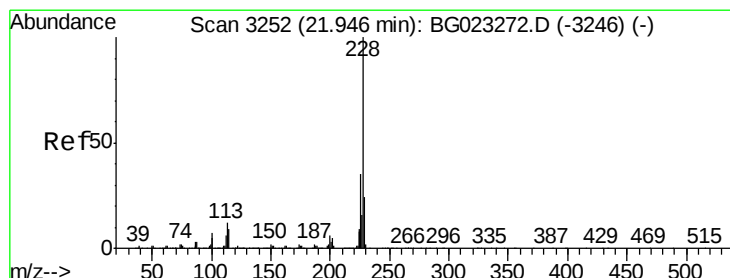
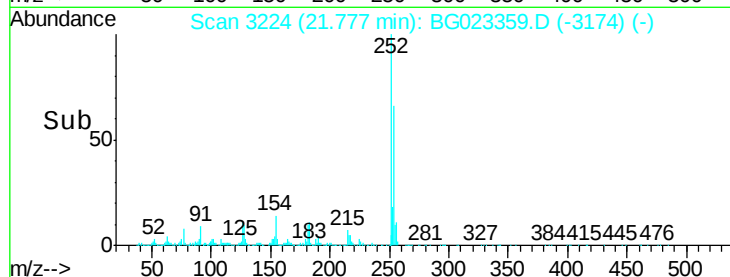
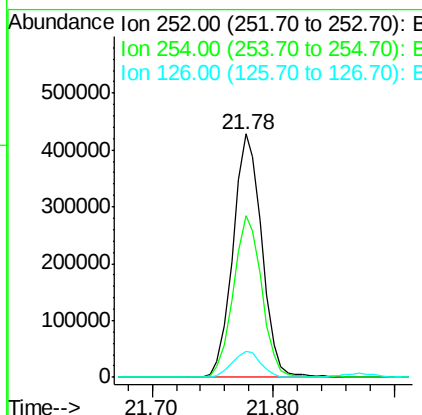
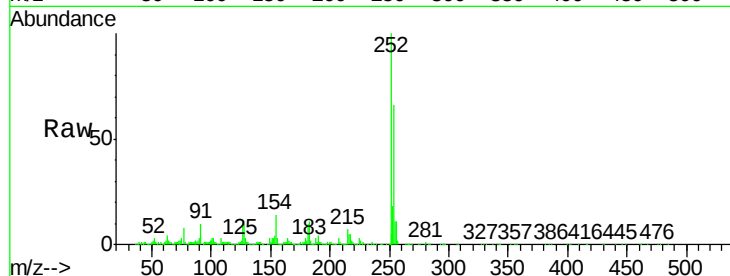




#81
 3,3'-Dichlorobenzidine
 Concen: 31.84 ng
 RT: 21.78 min Scan# 3224
 Delta R.T. -0.01 min
 Lab File: BG023359.D
 Acq: 30 Jul 2016 16:07

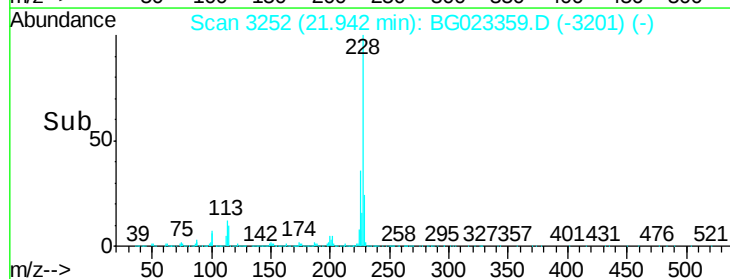
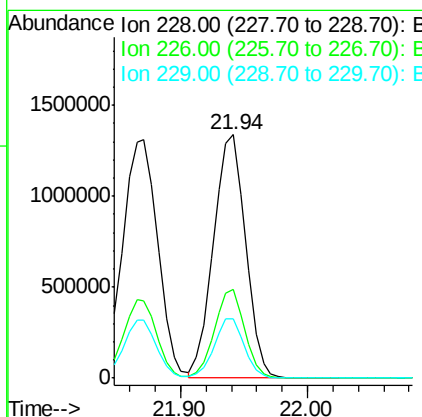
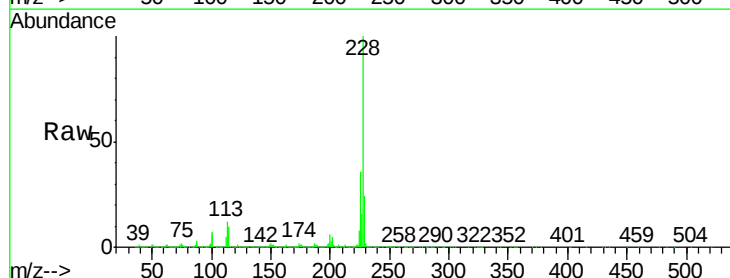
Instrument :
 BNA_G
 ClientSampleId :

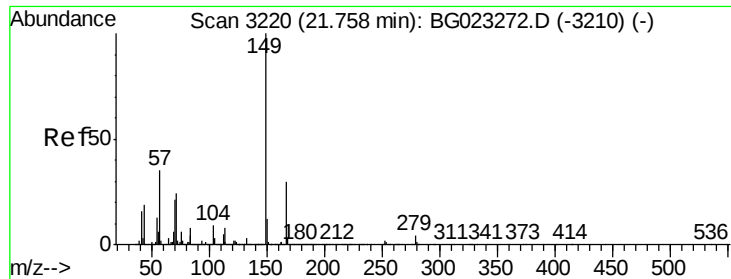
Tot Ion:252 Resp: 710029
 Ion Ratio Lower Upper
 252 100
 254 66.4 51.2 76.8
 126 10.7 5.3 7.9#



#82
 Chrysene
 Concen: 44.37 ng
 RT: 21.94 min Scan# 3252
 Delta R.T. 0.00 min
 Lab File: BG023359.D
 Acq: 30 Jul 2016 16:07

Tgt Ion:228 Resp: 2357371
 Ion Ratio Lower Upper
 228 100
 226 36.4 26.7 40.1
 229 24.1 17.4 26.2

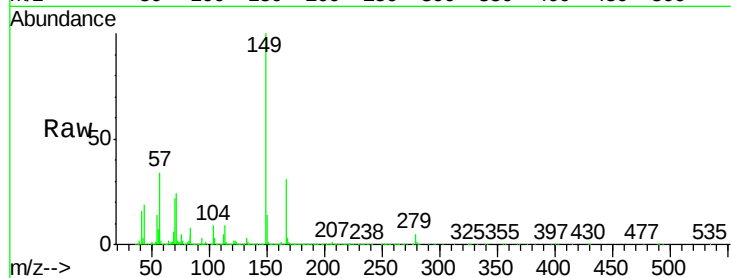




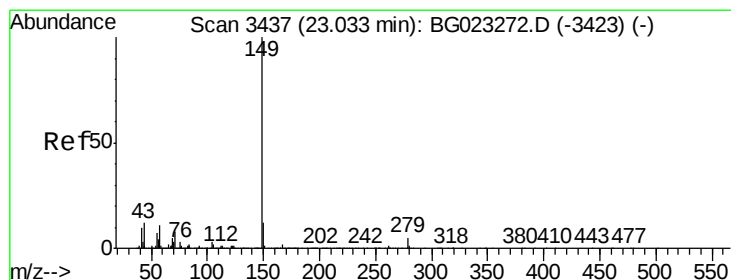
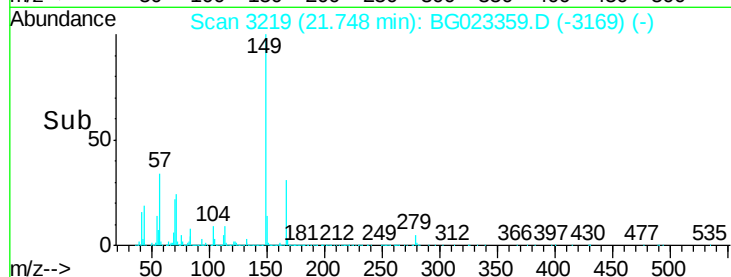
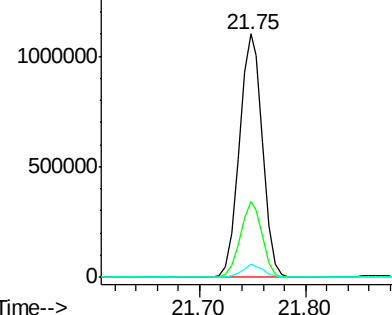
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.49 ng
 RT: 21.75 min Scan# 3219
 Delta R.T. -0.01 min
 Lab File: BG023359.D
 Acq: 30 Jul 2016 16:07

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:149 Resp: 1669025
 Ion Ratio Lower Upper
 149 100
 167 31.3 24.0 36.0
 279 5.3 4.8 7.2

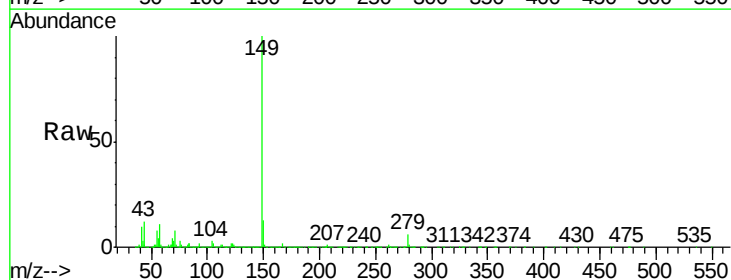


Abundance Ion 149.00 (148.70 to 149.70): E
 1500000 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

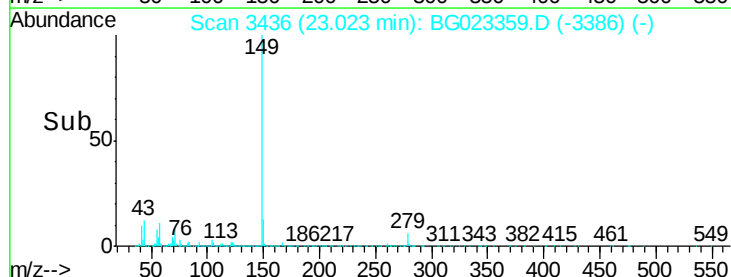
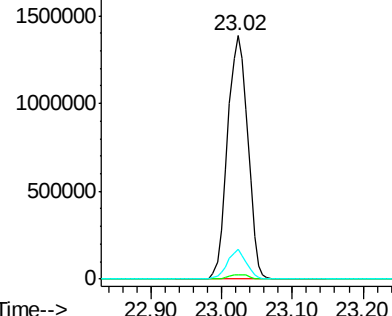


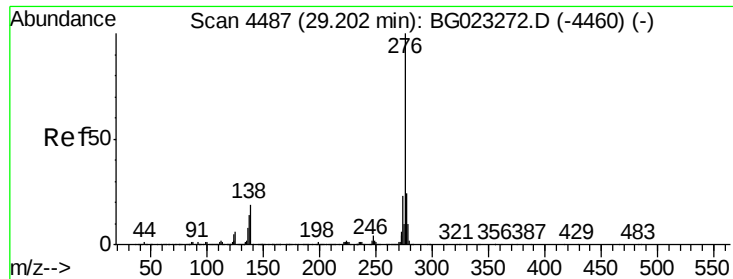
#84
 Di-n-octyl phthalate
 Concen: 46.03 ng
 RT: 23.02 min Scan# 3436
 Delta R.T. -0.01 min
 Lab File: BG023359.D
 Acq: 30 Jul 2016 16:07

Tgt Ion:149 Resp: 2762625
 Ion Ratio Lower Upper
 149 100
 167 1.9 1.5 2.3
 43 11.0 8.8 13.2



Abundance Ion 149.00 (148.70 to 149.70): E
 1500000 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BGO

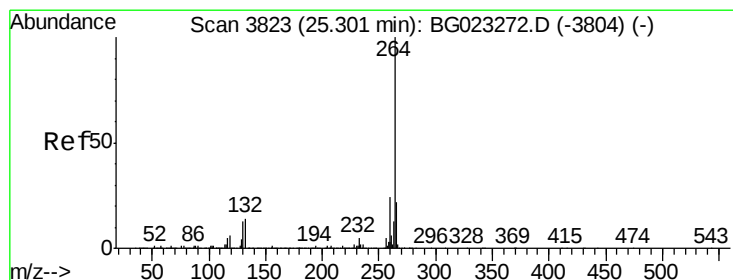
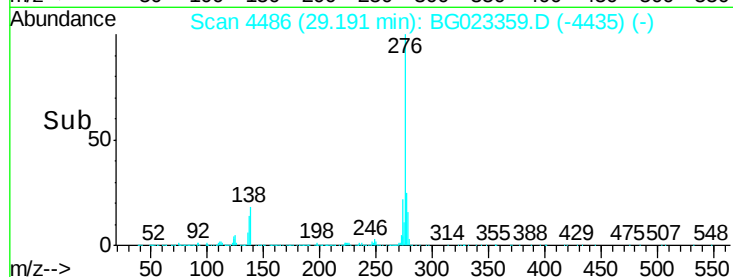
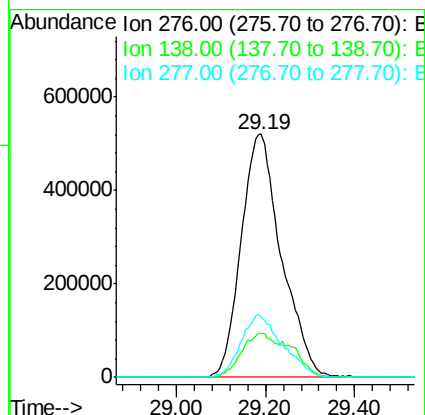
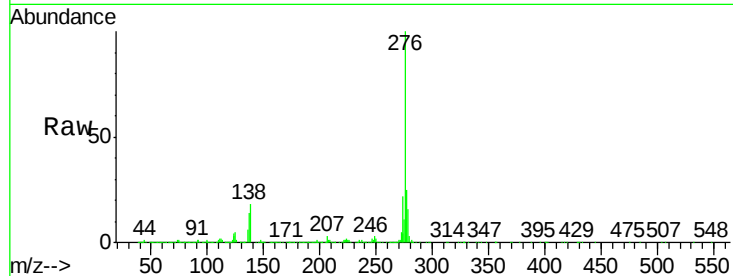




#85
Indeno(1,2,3-cd)pyrene
Concen: 52.30 ng
RT: 29.19 min Scan# 4486
Delta R.T. -0.00 min
Lab File: BG023359.D
Acq: 30 Jul 2016 16:07

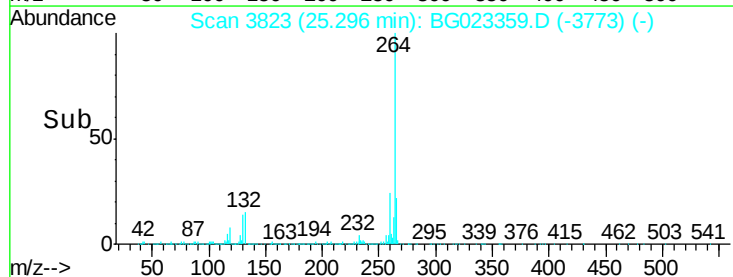
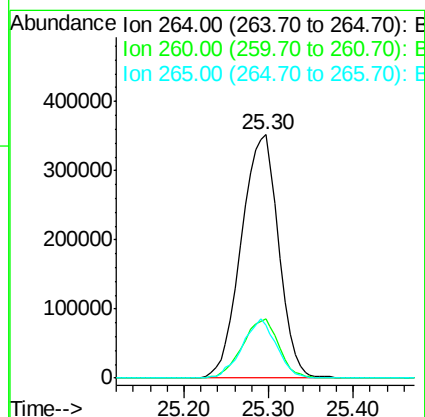
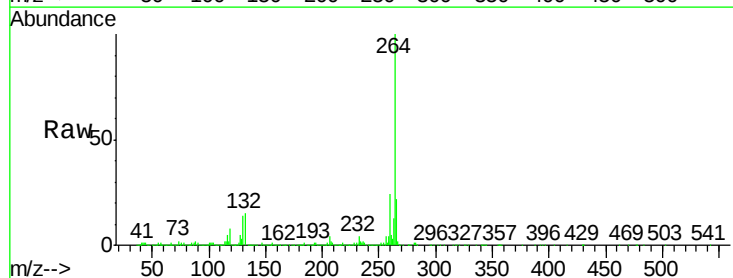
Instrument :
BNA_G
ClientSampleId :

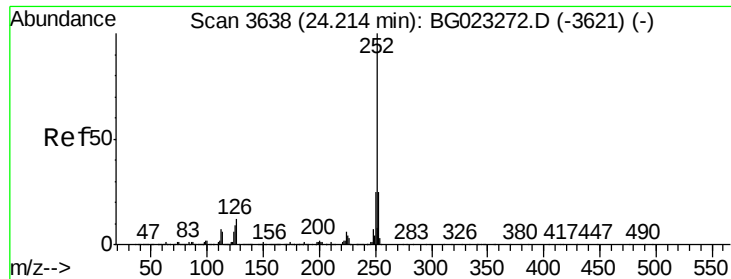
Tot Ion:276 Resp: 3241235
Ion Ratio Lower Upper
276 100
138 15.4 0.0 0.0#
277 26.4 0.0 0.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.30 min Scan# 3823
Delta R.T. -0.01 min
Lab File: BG023359.D
Acq: 30 Jul 2016 16:07

Tgt Ion:264 Resp: 1078730
Ion Ratio Lower Upper
264 100
260 24.4 18.4 27.6
265 21.8 18.9 28.3





#87

Benzo(b)fluoranthene

Concen: 47.46 ng

RT: 24.21 min Scan# 3638

Delta R.T. -0.00 min

Lab File: BG023359.D

Acq: 30 Jul 2016 16:07

Instrument :

BNA_G

ClientSampleId :

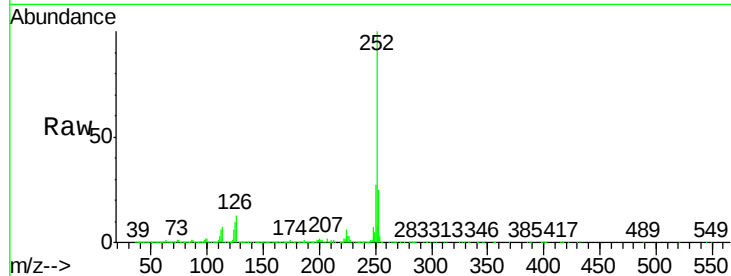
Tot Ion:252 Resp: 2719745

Ion Ratio Lower Upper

252 100

253 25.0 18.9 28.3

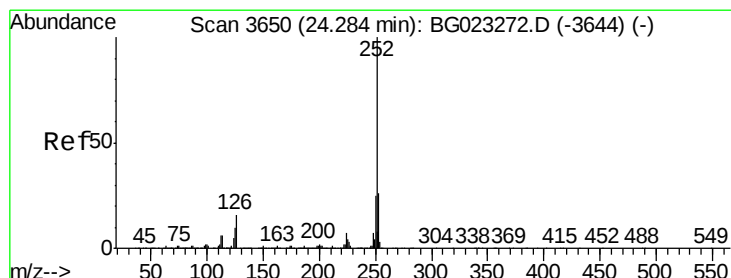
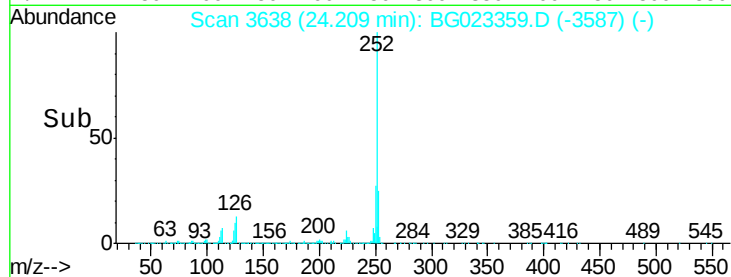
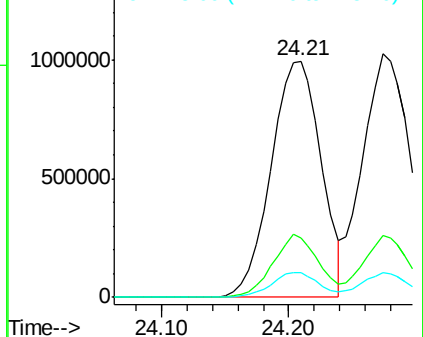
125 10.5 3.9 5.9#



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: 46.32 ng

RT: 24.27 min Scan# 3649

Delta R.T. -0.01 min

Lab File: BG023359.D

Acq: 30 Jul 2016 16:07

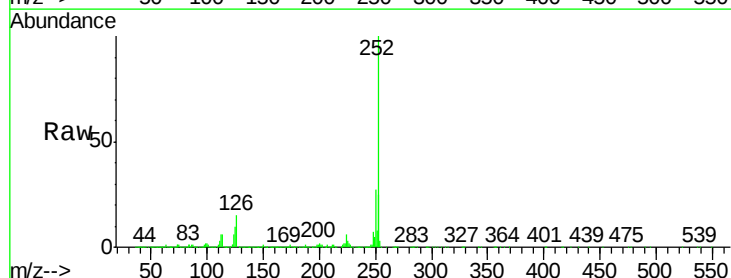
Tgt Ion:252 Resp: 2653536

Ion Ratio Lower Upper

252 100

253 25.3 18.8 28.2

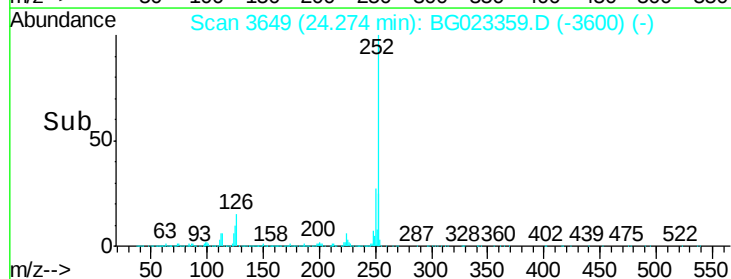
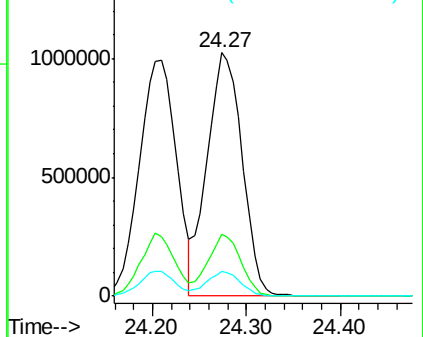
125 10.1 3.2 4.8#

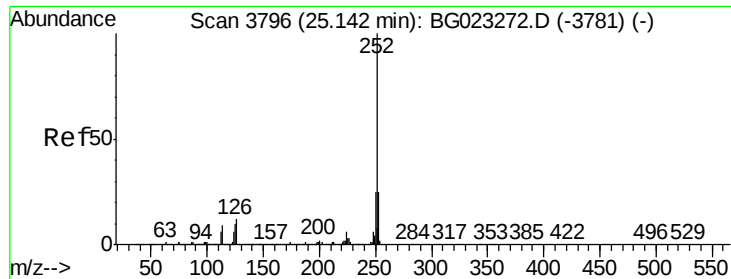


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 47.31 ng

RT: 25.13 min Scan# 3795

Delta R.T. -0.00 min

Lab File: BG023359.D

Acq: 30 Jul 2016 16:07

Instrument :

BNA_G

ClientSampleId :

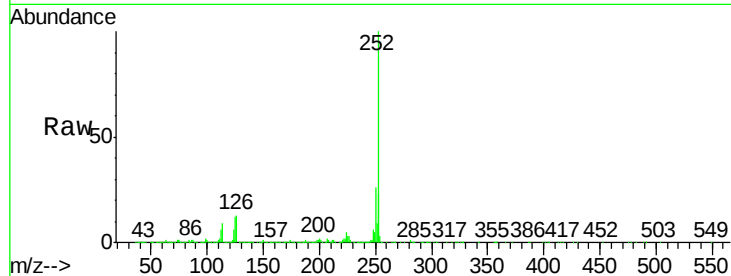
Tot Ion:252 Resp: 2656981

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.7	28.1
125	12.2	3.9	5.9

252 100

253 23.5 18.7 28.1

125 12.2 3.9 5.9

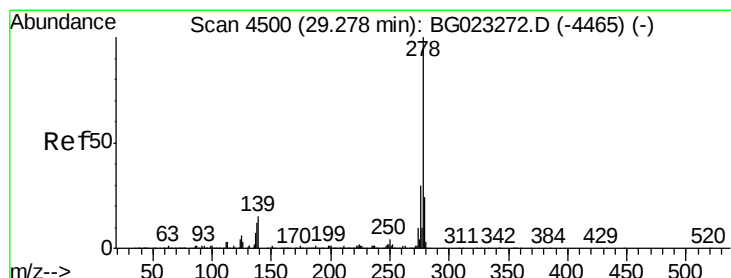
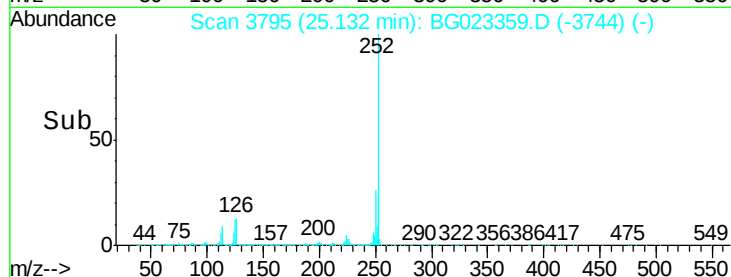
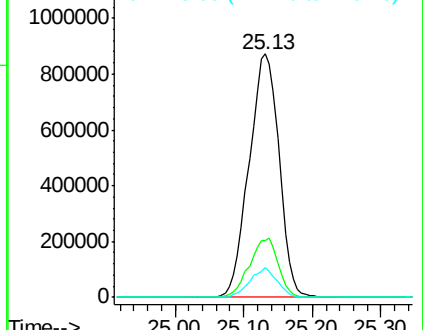


Abundance

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



#90

Dibenzo(a,h)anthracene

Concen: 50.77 ng

RT: 29.26 min Scan# 4497

Delta R.T. -0.00 min

Lab File: BG023359.D

Acq: 30 Jul 2016 16:07

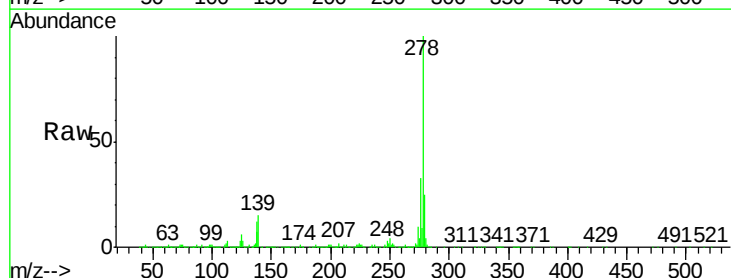
Tgt Ion:278 Resp: 2697190

Ion	Ratio	Lower	Upper
278	100		
139	15.4	4.7	7.1
279	25.3	18.3	27.5

278 100

139 15.4 4.7 7.1

279 25.3 18.3 27.5

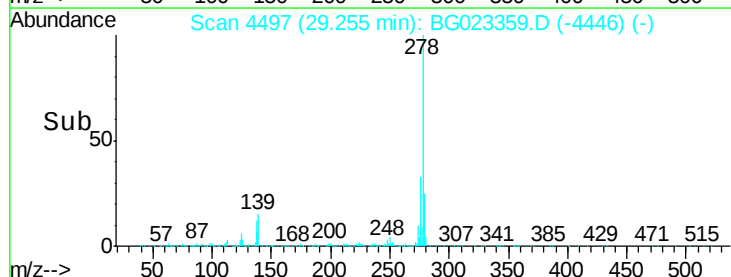
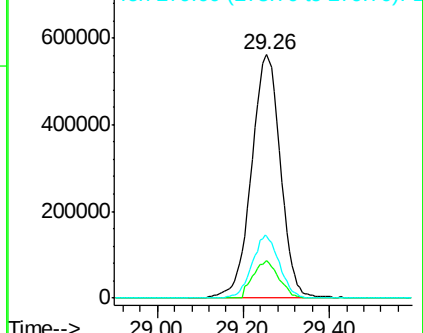


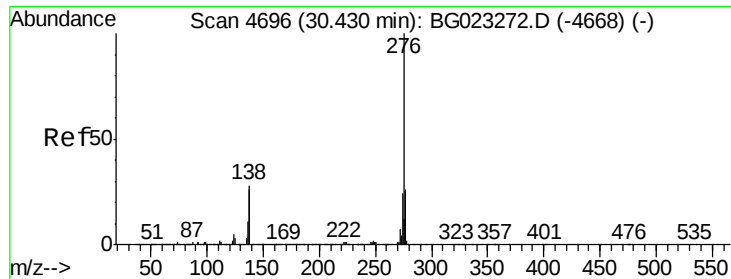
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 48.29 ng
 RT: 30.40 min Scan# 4692
 Delta R.T. -0.02 min
 Lab File: BG023359.D
 Acq: 30 Jul 2016 16:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:276 Resp: 2700594
 Ion Ratio Lower Upper
 276 100
 277 23.7 18.6 27.8
 138 18.4 6.8 10.2#

