

Data Path : Z:\HPCHEM1\BNA G\DATA\BG073116\
 Data File : BG023356.D
 Acq On : 30 Jul 2016 14:05
 Operator : UM/SJ
 Sample : PB92565BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 01 01:21:23 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	149287	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	682206	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	494637	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	1118338	20.00	ng	0.00
75) Chrysene-d12	21.90	240	1091825	20.00	ng	0.00
86) Perylene-d12	25.29	264	1115979	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.68	112	1267393	144.93	ng	0.00
7) Phenol-d6	7.29	99	1858431	138.42	ng	0.00
23) Nitrobenzene-d5	9.31	82	1215483	87.13	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	894417	174.70	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2447662	92.61	ng	0.00
78) Terphenyl-d14	20.18	244	2977139	88.64	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	137054	36.54	ng	# 87
3) Pyridine	3.94	79	466534	35.54	ng	93
4) n-Nitrosodimethylamine	3.85	42	211660	35.69	ng	# 78
6) Aniline	7.46	93	686826	38.30	ng	98
8) 2-Chlorophenol	7.70	128	489510	50.17	ng	99
9) Benzaldehyde	7.26	77	308050	31.94	ng	95
10) Phenol	7.32	94	719549	50.79	ng	81
11) bis(2-Chloroethyl)ether	7.54	93	502532	41.74	ng	88
12) 1,3-Dichlorobenzene	8.17	146	493171	44.85	ng	94
13) 1,4-Dichlorobenzene	8.17	146	493171	43.96	ng	95
14) 1,2-Dichlorobenzene	8.50	146	482177	44.56	ng	95
15) Benzyl Alcohol	8.38	79	542444	60.04	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.67	45	711598	37.14	ng	91
17) 2-Methylphenol	8.59	107	483566	49.94	ng	# 85
18) Hexachloroethane	9.23	117	187377	40.10	ng	92
19) n-Nitroso-di-n-propylamine	8.95	70	493347	40.85	ng	100
20) 3+4-Methylphenols	8.92	107	669254	50.83	ng	92
22) Acetophenone	8.97	105	710075	39.87	ng	# 91
24) Nitrobenzene	9.36	77	678760	41.90	ng	# 90
25) Isophorone	9.88	82	1398860	48.55	ng	95
26) 2-Nitrophenol	10.08	139	299084	48.88	ng	# 76
27) 2,4-Dimethylphenol	10.14	122	546278	52.97	ng	# 81
28) bis(2-Chloroethoxy)methane	10.36	93	759688	46.99	ng	99
29) 2,4-Dichlorophenol	10.62	162	562903	56.38	ng	98
30) 1,2,4-Trichlorobenzene	10.83	180	508574	46.09	ng	99
31) Naphthalene	11.02	128	1492920	47.10	ng	98
32) Benzoic acid	10.28	122	193513	27.26	ng	# 90
33) 4-Chloroaniline	11.15	127	108466	7.41	ng	# 89
34) Hexachlorobutadiene	11.30	225	314104	43.43	ng	98
35) Caprolactam	11.96	113	120695	28.43	ng	# 92
36) 4-Chloro-3-methylphenol	12.26	107	705036	53.75	ng	91
37) 2-Methylnaphthalene	12.85	142	1116872	47.52	ng	89
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	547221	34.17	ng	98
40) Hexachlorocyclopentadiene	12.97	237	792725	104.47	ng	97

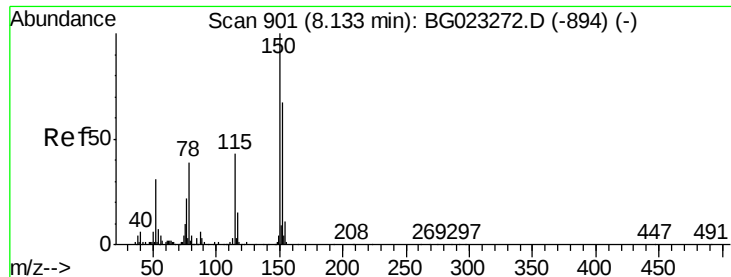
Data Path : Z:\HPCHEM1\BNA G\DATA\BG073116\
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 QLast Update : Wed Jul 27 17:30:33 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.24	196	493714	52.49	nq	98
43) 2,4,5-Trichlorophenol	13.31	196	533492	53.47	nq	91
45) 1,1'-Biphenyl	13.64	154	1432846	41.53	nq	93
46) 2-Chloronaphthalene	13.68	162	1260165	45.59	nq	97
47) 2-Nitroaniline	13.89	65	562831	48.13	nq	87
48) Acenaphthylene	14.53	152	1998883	47.23	nq	95
49) Dimethylphthalate	14.25	163	1764245	48.33	nq	96
50) 2,6-Dinitrotoluene	14.38	165	417428	48.83	nq	# 82
51) Acenaphthene	14.87	154	1291166	47.03	nq	99
52) 3-Nitroaniline	14.72	138	237623	27.60	nq	# 74
53) 2,4-Dinitrophenol	14.92	184	493720	98.65	nq	90
54) Dibenzofuran	15.21	168	1976376	50.88	nq	98
55) 4-Nitrophenol	15.04	139	694124	92.95	nq	# 80
56) 2,4-Dinitrotoluene	15.18	165	597620	49.65	nq	90
57) Fluorene	15.86	166	1652472	48.18	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.44	232	508760	60.23	nq	91
59) Diethylphthalate	15.62	149	1781236	47.64	nq	94
60) 4-Chlorophenyl-phenylether	15.85	204	867501	46.72	nq	99
61) 4-Nitroaniline	15.89	138	448598	49.69	nq	# 65
62) Azobenzene	16.14	77	1915666	49.42	nq	91
64) 4,6-Dinitro-2-methylphenol	15.94	198	369423	51.43	nq	93
65) n-Nitrosodiphenylamine	16.06	169	1556727	52.14	nq	94
66) 4-Bromophenyl-phenylether	16.74	248	608248	53.79	nq	96
67) Hexachlorobenzene	16.87	284	632453	55.63	nq	96
68) Atrazine	17.03	200	550746	48.09	nq	96
69) Pentachlorophenol	17.22	266	731086	104.19	nq	98
70) Phenanthrene	17.61	178	2494717	51.00	nq	94
71) Anthracene	17.71	178	2513783	50.86	nq	92
72) Carbazole	17.98	167	2296665	50.74	nq	96
73) Di-n-butylphthalate	18.52	149	2559646	50.68	nq	97
74) Fluoranthene	19.62	202	2531490	45.35	nq	91
76) Benzidine	19.81	184	996865	32.46	nq	98
77) Pyrene	19.99	202	2568860	41.46	nq	95
79) Butylbenzylphthalate	20.86	149	1322883	48.53	nq	97
80) Benzo(a)anthracene	21.87	228	2657686	46.49	nq	98
81) 3,3'-Dichlorobenzidine	21.78	252	616581	26.60	nq	# 97
82) Chrysene	21.94	228	2486036	45.01	nq	94
83) Bis(2-ethylhexyl)phthalate	21.75	149	2270753	59.53	nq	93
84) Di-n-octyl phthalate	23.02	149	2947570	47.24	nq	99
85) Indeno(1,2,3-cd)pyrene	29.19	276	3559703	55.26	nq	# 100
87) Benzo(b)fluoranthene	24.21	252	2824764	47.65	nq	# 94
88) Benzo(k)fluoranthene	24.29	252	2728224	46.03	nq	# 94
89) Benzo(a)pyrene	25.14	252	2789120	48.01	nq	# 95
90) Dibenzo(a,h)anthracene	29.26	278	2933536	53.38	nq	# 89
91) Benzo(g,h,i)perylene	30.43	276	2967811	51.30	nq	# 90

(#) = 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: BG023356.D

Acq: 30 Jul 2016 14:05

Instrument :

BNA_G

ClientSampleId :

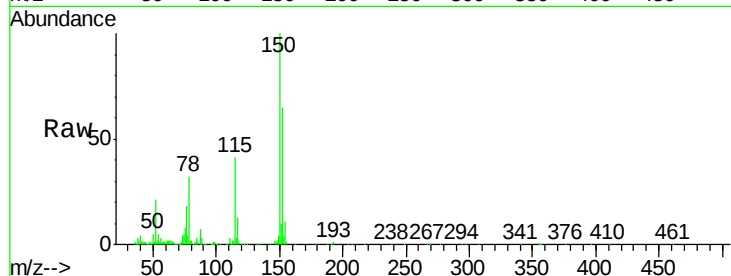
Tot Ion:152 Resp: 149287

Ion Ratio Lower Upper

152 100

150 153.8 144.7 217.1

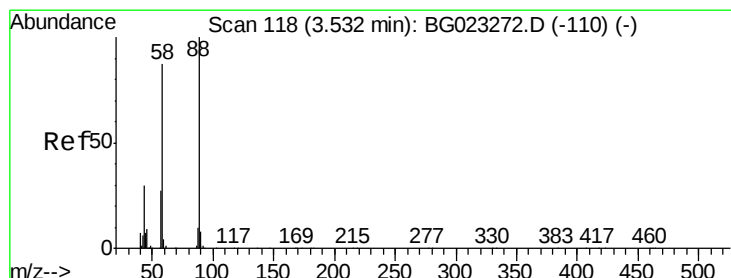
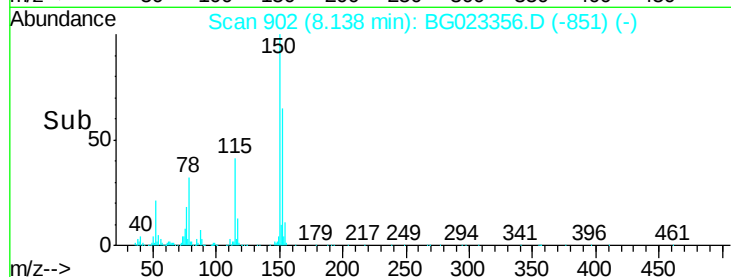
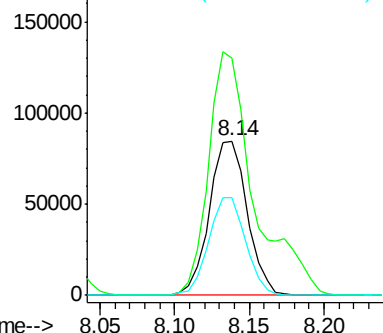
115 63.6 64.0 96.0#



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: 36.54 ng

RT: 3.53 min Scan# 117

Delta R.T. -0.01 min

Lab File: BG023356.D

Acq: 30 Jul 2016 14:05

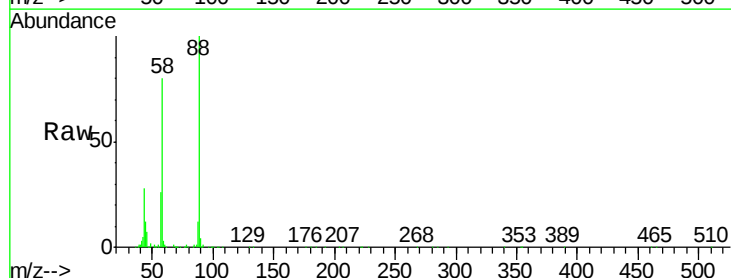
Tgt Ion: 88 Resp: 137054

Ion Ratio Lower Upper

88 100

58 83.0 60.4 90.6

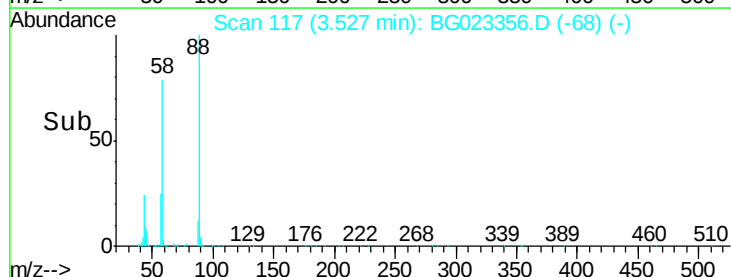
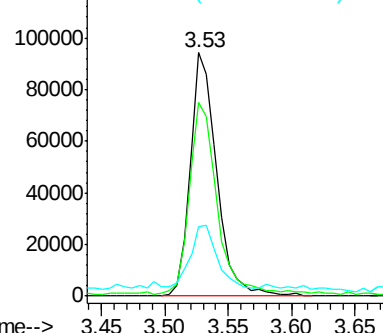
43 26.5 31.1 46.7#

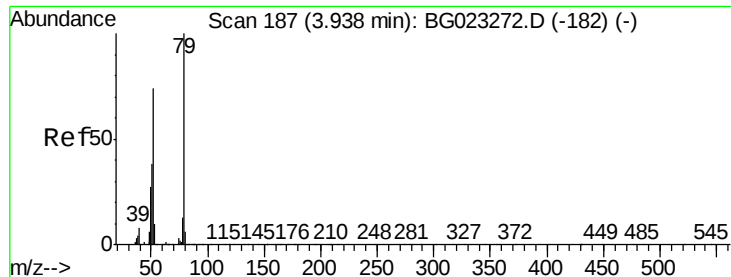


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 35.54 ng

RT: 3.94 min Scan# 187

Delta R.T. -0.02 min

Lab File: BG023356.D

Acq: 30 Jul 2016 14:05

Instrument :

BNA_G

ClientSampleId :

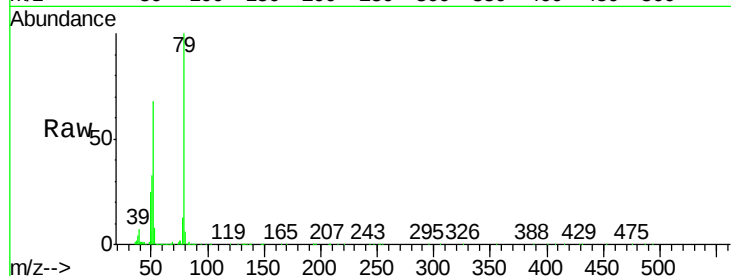
Tot Ion: 79 Resp: 466534

Ion Ratio Lower Upper

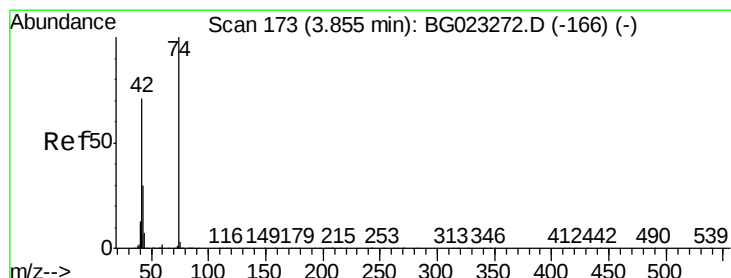
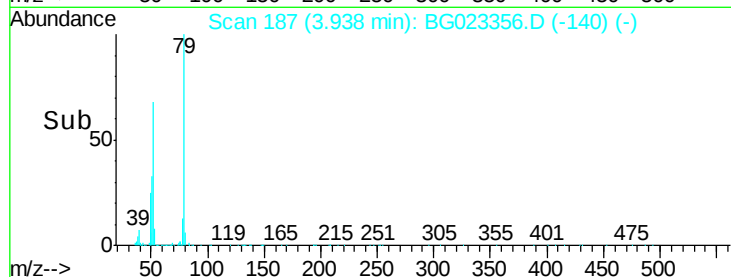
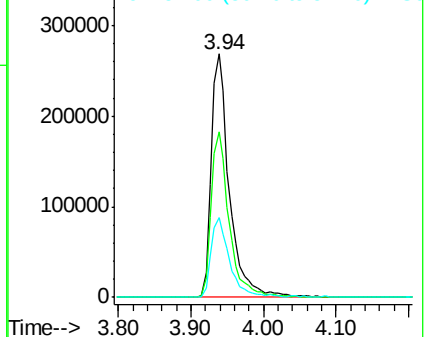
79 100

52 68.0 51.8 77.8

51 33.0 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: 35.69 ng

RT: 3.85 min Scan# 172

Delta R.T. -0.01 min

Lab File: BG023356.D

Acq: 30 Jul 2016 14:05

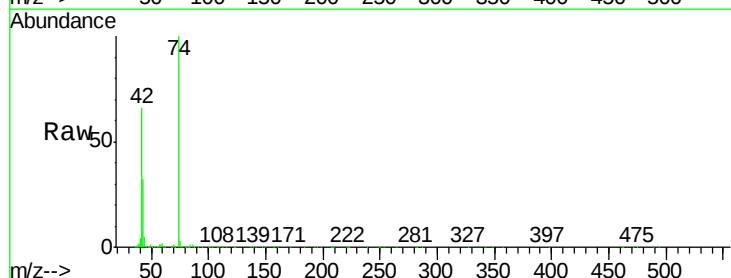
Tgt Ion: 42 Resp: 211660

Ion Ratio Lower Upper

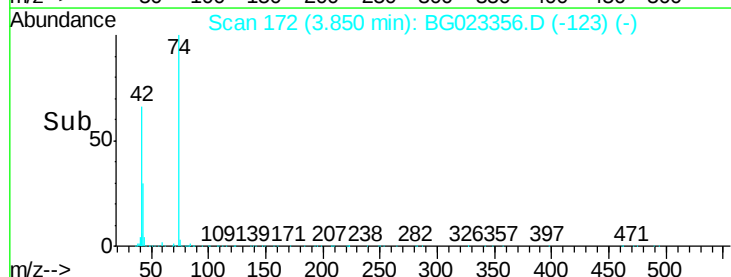
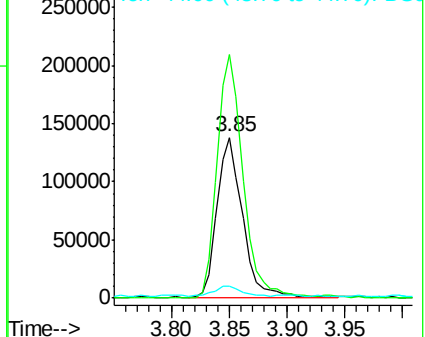
42 100

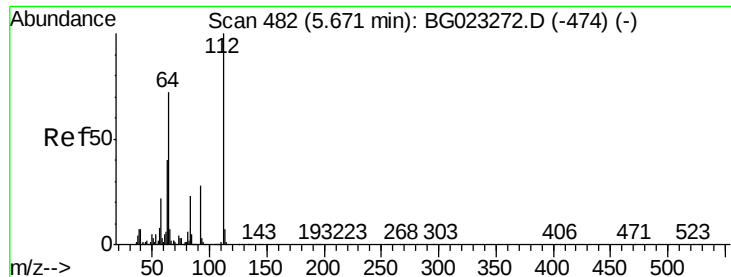
74 151.7 100.6 150.8#

44 7.1 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: 144.93 ng

RT: 5.68 min Scan# 483

Delta R.T. 0.00 min

Lab File: BG023356.D

Acq: 30 Jul 2016 14:05

Instrument :

BNA_G

ClientSampleId :

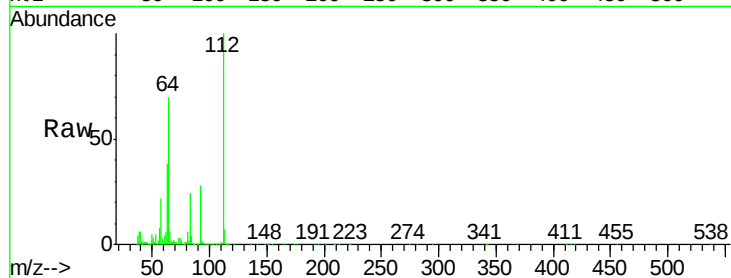
Tot Ion:112 Resp: 1267393

Ion Ratio Lower Upper

112 100

64 70.3 59.0 88.4

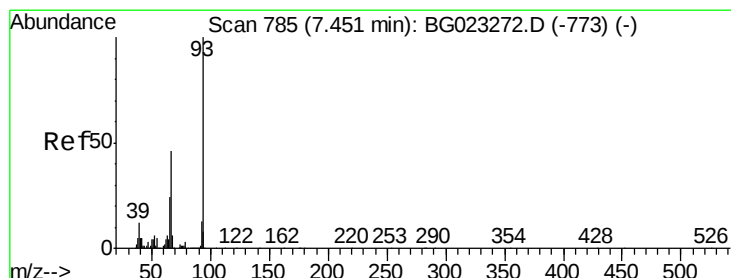
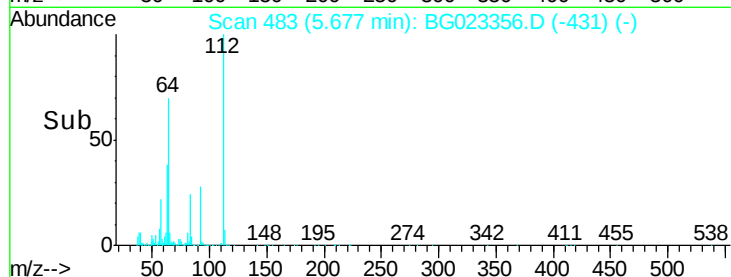
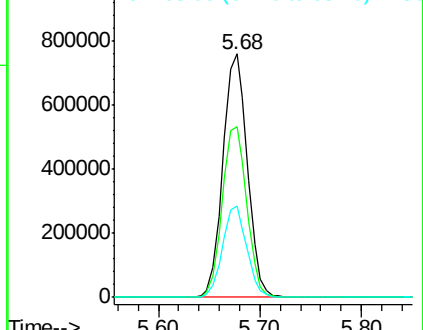
63 37.5 37.8 56.8#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 38.30 ng

RT: 7.46 min Scan# 786

Delta R.T. 0.00 min

Lab File: BG023356.D

Acq: 30 Jul 2016 14:05

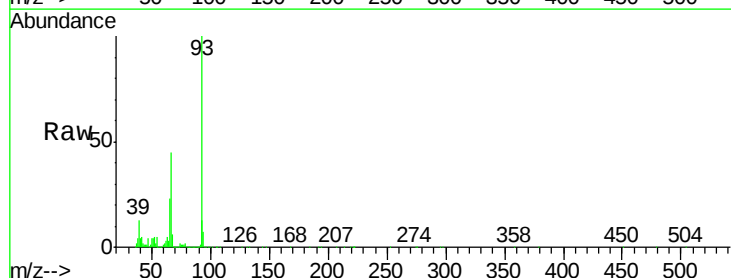
Tgt Ion: 93 Resp: 686826

Ion Ratio Lower Upper

93 100

66 44.8 37.5 56.3

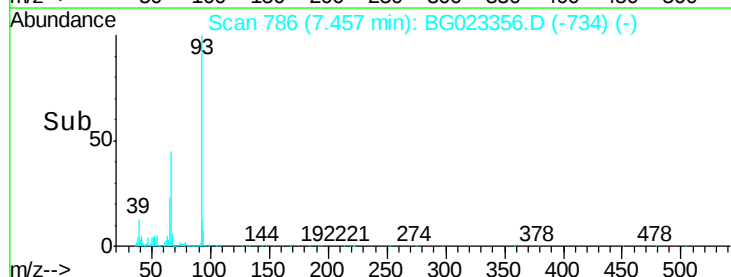
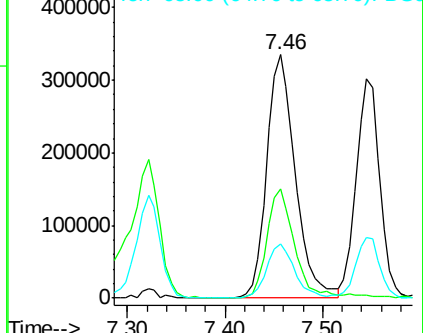
65 22.5 17.9 26.9

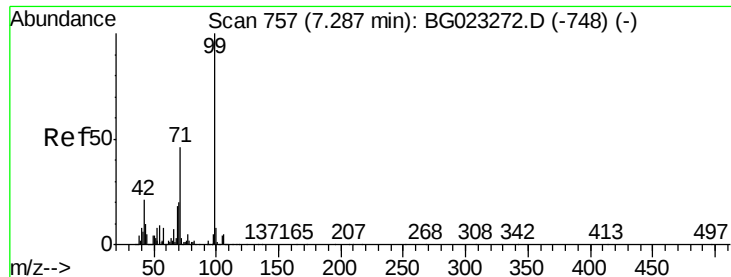


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 138.42 ng

RT: 7.29 min Scan# 758

Delta R.T. 0.00 min

Lab File: BG023356.D

Acq: 30 Jul 2016 14:05

Instrument :

BNA_G

ClientSampled :

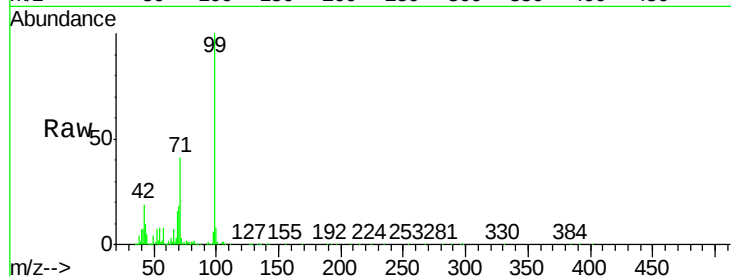
Tot Ion: 99 Resp: 1858431

Ion Ratio Lower Upper

99 100

42 19.4 17.8 26.6

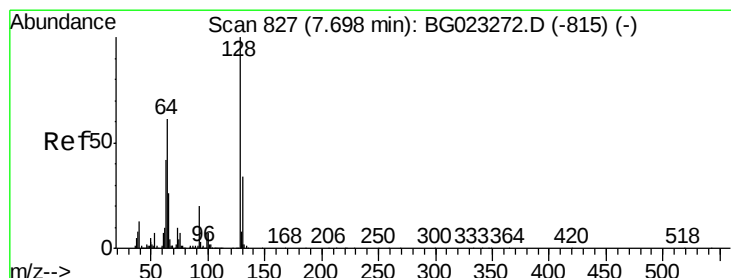
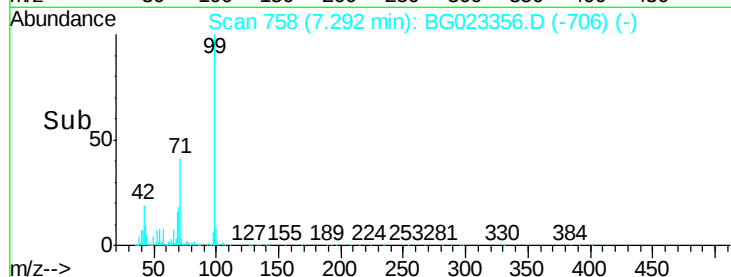
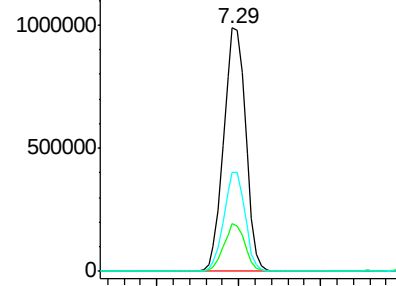
71 40.7 41.5 62.3#



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: 50.17 ng

RT: 7.70 min Scan# 827

Delta R.T. -0.00 min

Lab File: BG023356.D

Acq: 30 Jul 2016 14:05

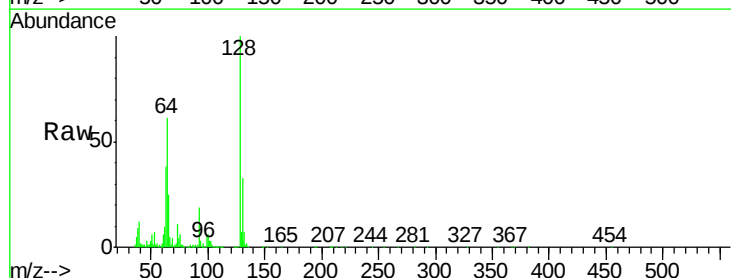
Tgt Ion: 128 Resp: 489510

Ion Ratio Lower Upper

128 100

130 33.4 12.9 52.9

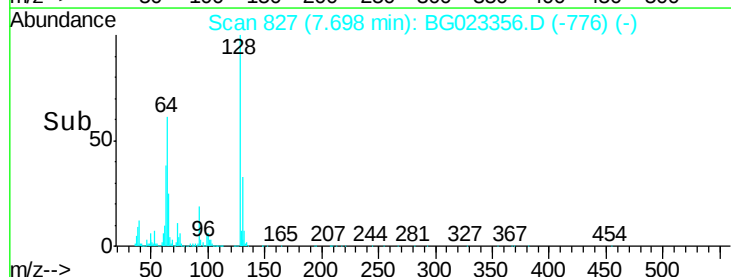
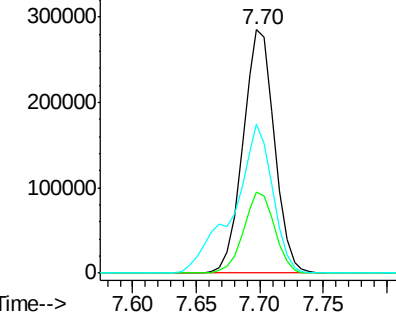
64 61.2 42.0 82.0

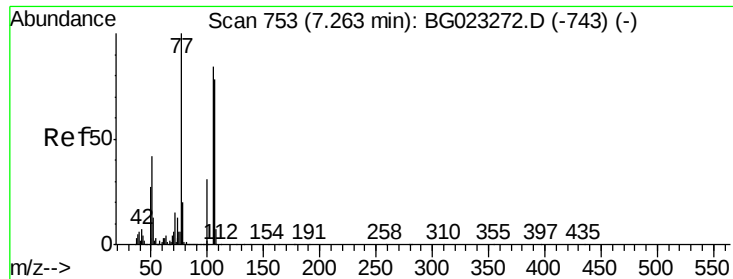


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 31.94 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG023356.D

Acq: 30 Jul 2016 14:05

Instrument :

BNA_G

ClientSampled :

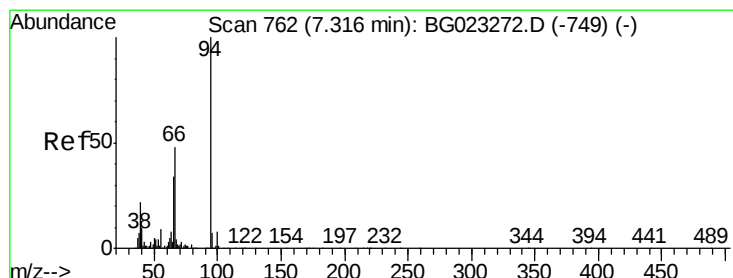
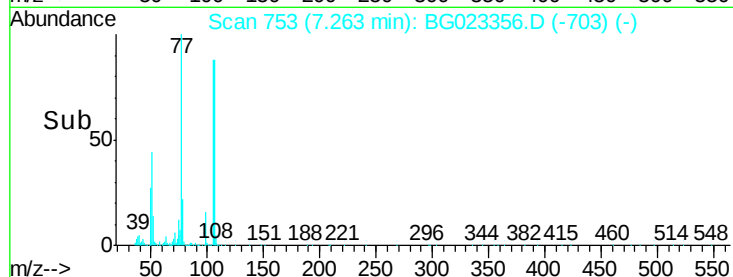
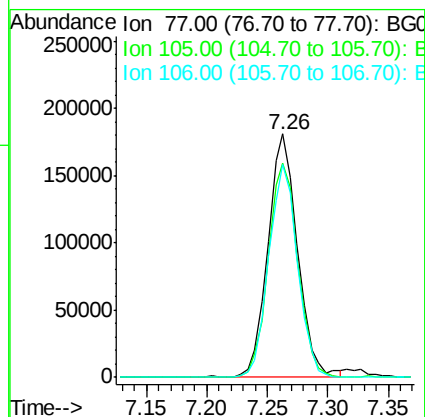
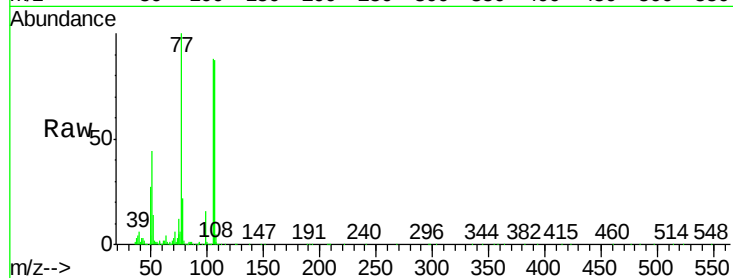
Tot Ion: 77 Resp: 308050

Ion Ratio Lower Upper

77 100

105 87.9 58.7 98.7

106 87.2 67.5 107.5



#10

Phenol

Concen: 50.79 ng

RT: 7.32 min Scan# 763

Delta R.T. 0.00 min

Lab File: BG023356.D

Acq: 30 Jul 2016 14:05

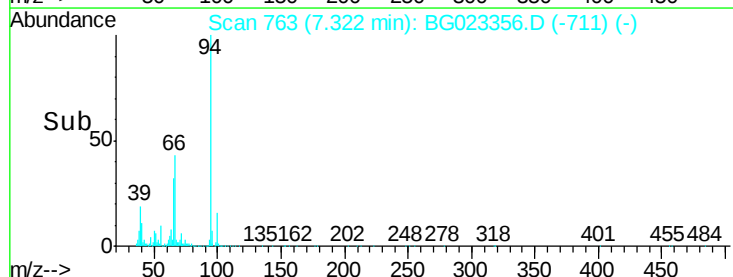
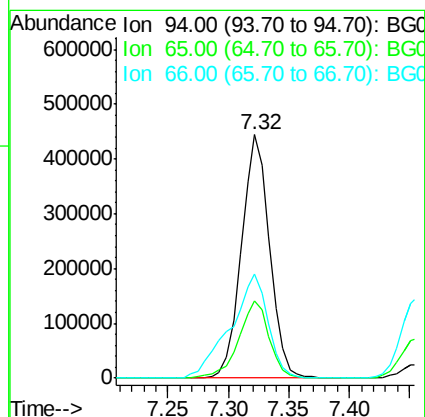
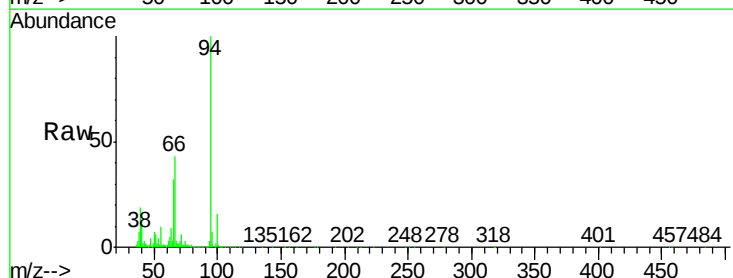
Tgt Ion: 94 Resp: 719549

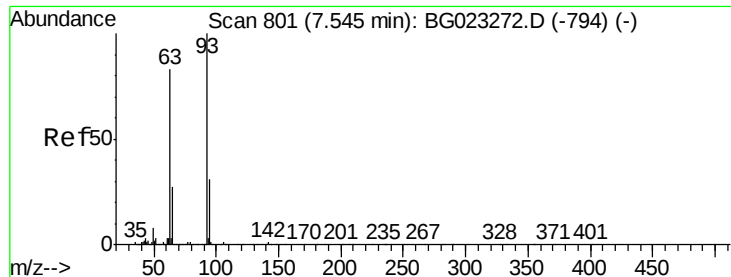
Ion Ratio Lower Upper

94 100

65 31.8 18.1 58.1

66 43.0 42.1 82.1

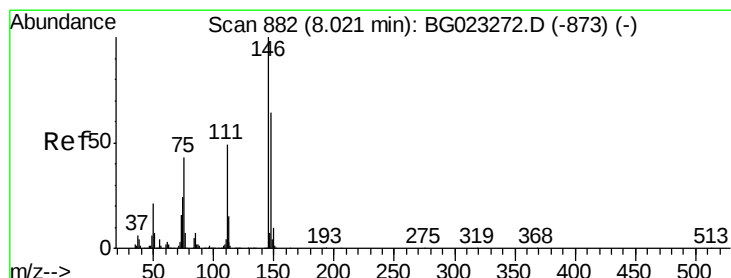
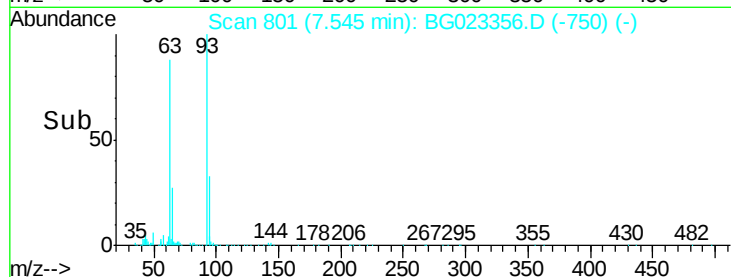
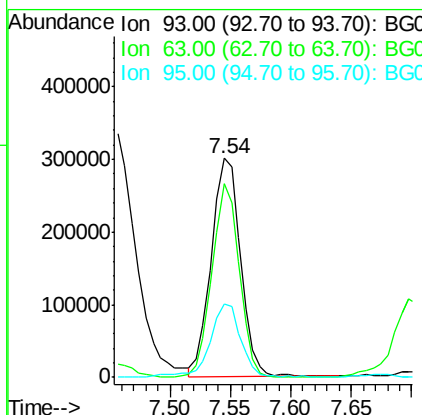
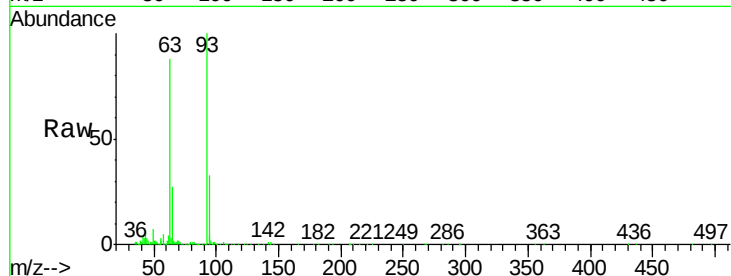




#11
bis(2-Chloroethyl)ether
Concen: 41.74 ng
RT: 7.54 min Scan# 801
Delta R.T. -0.00 min
Lab File: BG023356.D
Acq: 30 Jul 2016 14:05

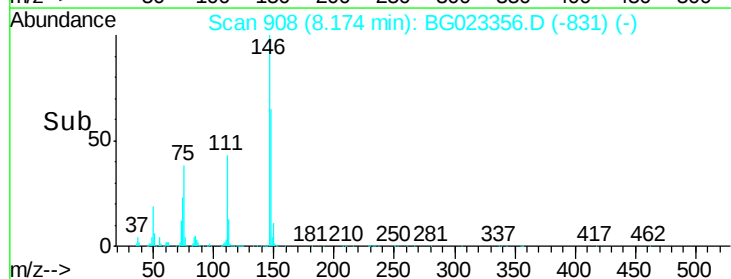
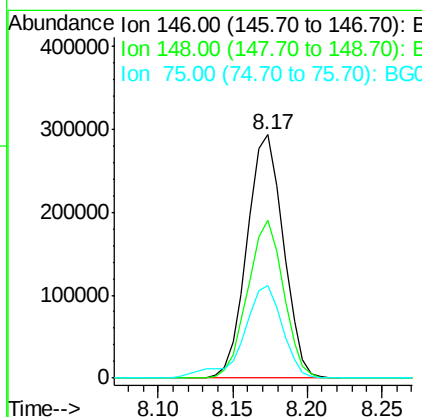
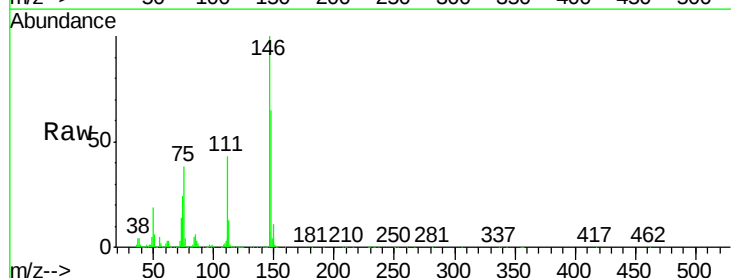
Instrument :
BNA_G
ClientSampleId :

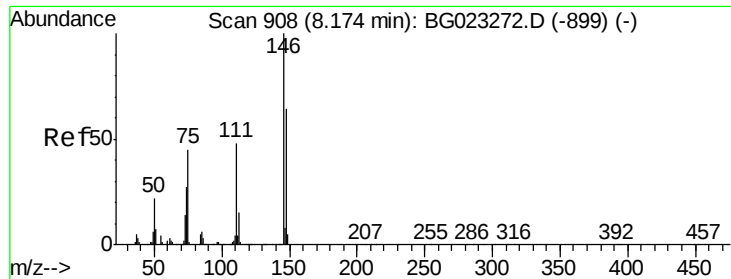
Tot Ion	Ratio	Lower	Upper
93	100		
63	88.3	55.0	95.0
95	33.2	11.0	51.0



#12
1,3-Dichlorobenzene
Concen: 44.85 ng
RT: 8.17 min Scan# 908
Delta R.T. 0.15 min
Lab File: BG023356.D
Acq: 30 Jul 2016 14:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.3	75.5
75	38.2	37.0	55.6

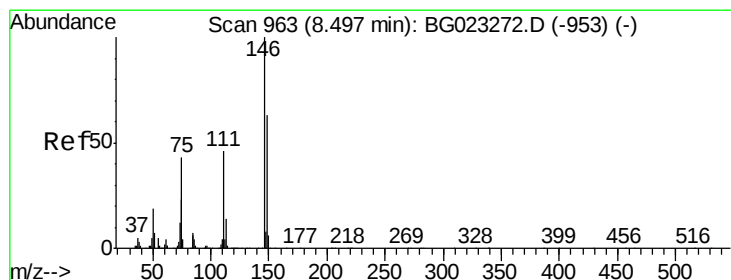
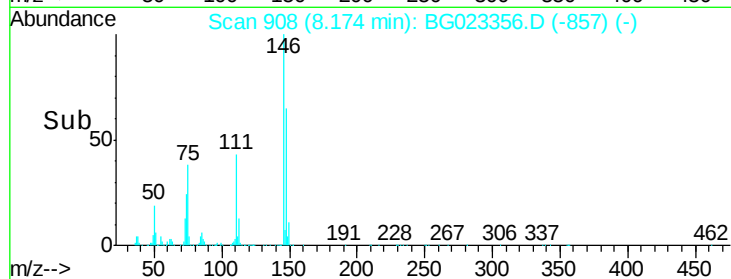
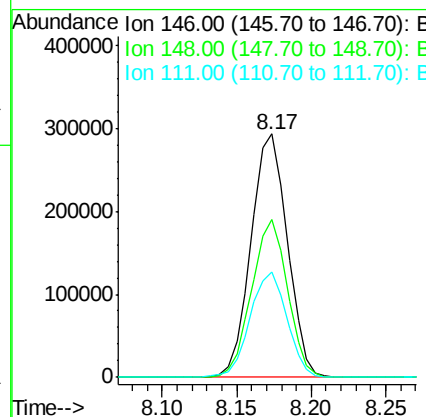
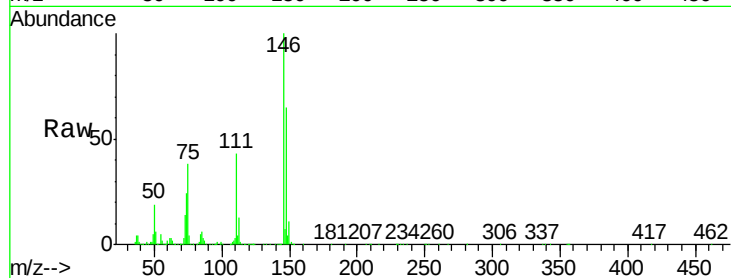




#13
 1,4-Dichlorobenzene
 Concen: 43.96 ng
 RT: 8.17 min Scan# 908
 Delta R.T. -0.00 min
 Lab File: BG023356.D
 Acq: 30 Jul 2016 14:05

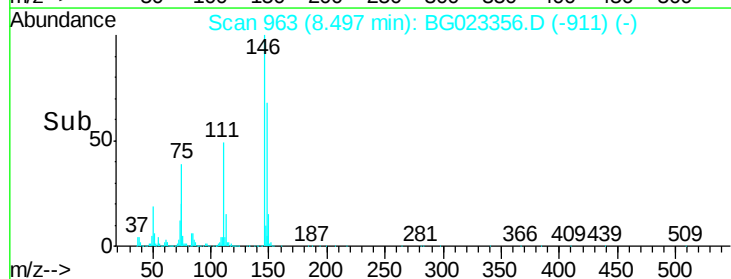
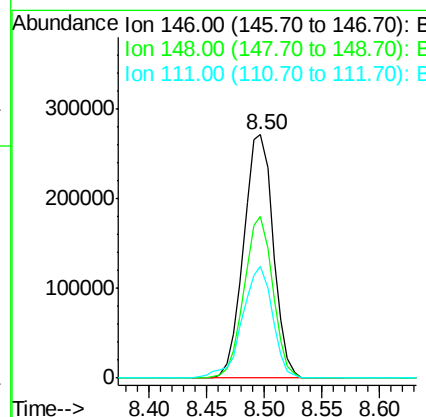
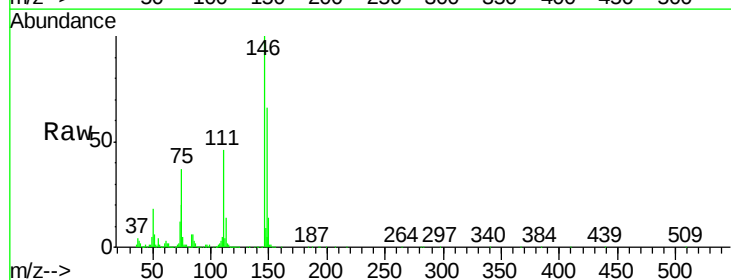
Instrument :
 BNA_G
 ClientSampleId :

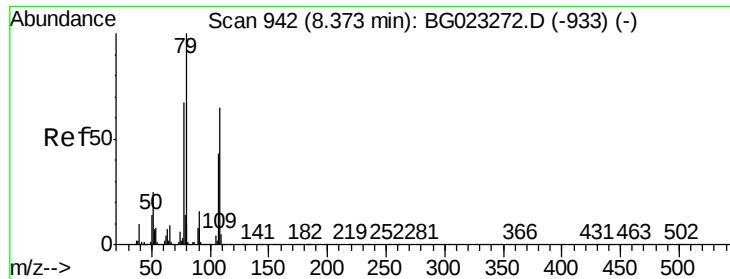
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	54.5	81.7
111	43.5	37.8	56.8



#14
 1,2-Dichlorobenzene
 Concen: 44.56 ng
 RT: 8.50 min Scan# 963
 Delta R.T. 0.00 min
 Lab File: BG023356.D
 Acq: 30 Jul 2016 14:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.5	52.9	79.3
111	46.2	43.5	65.3





#15

Benzyl Alcohol

Concen: 60.04 ng

RT: 8.38 min Scan# 943

Delta R.T. -0.00 min

Lab File: BG023356.D

Acq: 30 Jul 2016 14:05

Instrument :

BNA_G

ClientSampleId :

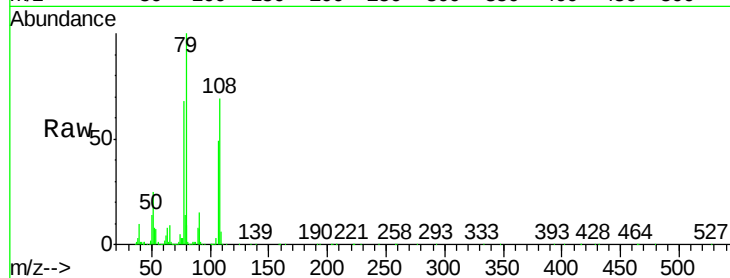
Tot Ion: 79 Resp: 542444

Ion Ratio Lower Upper

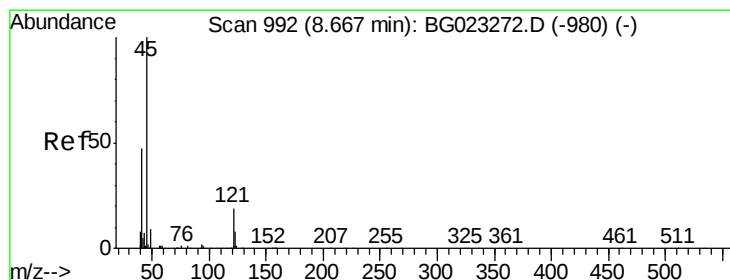
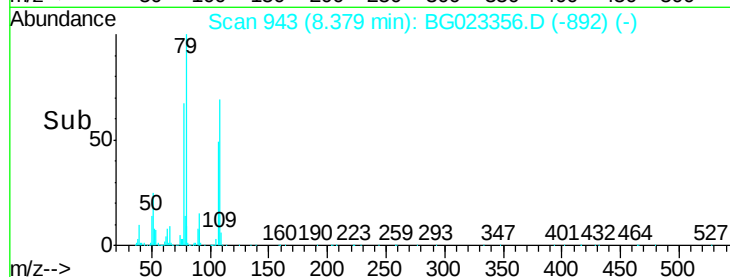
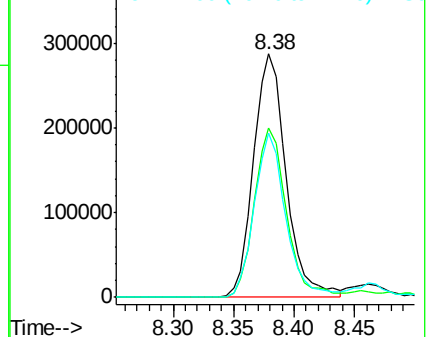
79 100

108 69.4 46.5 69.7

77 67.5 52.3 78.5



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.14 ng

RT: 8.67 min Scan# 993

Delta R.T. -0.00 min

Lab File: BG023356.D

Acq: 30 Jul 2016 14:05

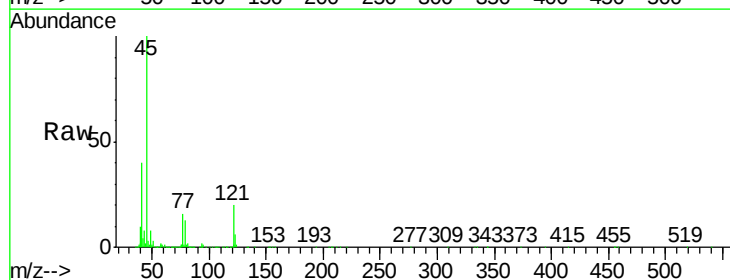
Tgt Ion: 45 Resp: 711598

Ion Ratio Lower Upper

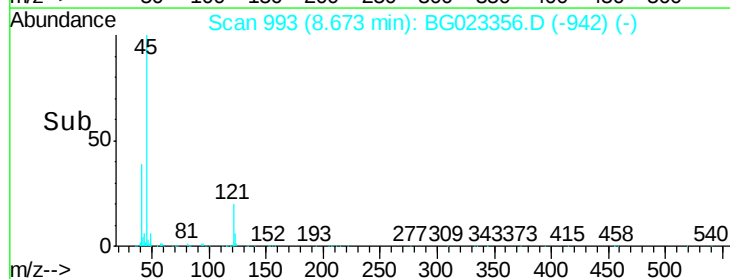
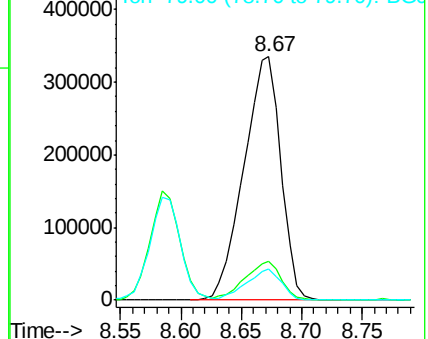
45 100

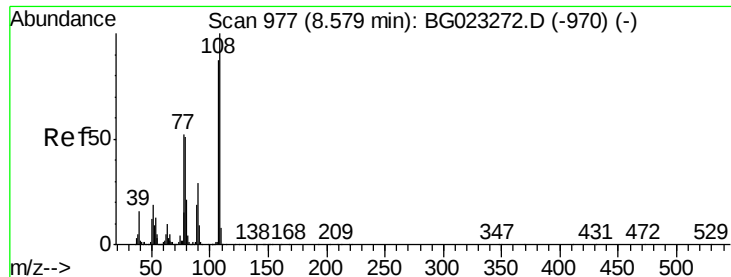
77 16.0 0.6 40.6

79 12.9 0.0 36.2



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 49.94 ng

RT: 8.59 min Scan# 979

Delta R.T. 0.00 min

Lab File: BG023356.D

Acq: 30 Jul 2016 14:05

Instrument :

BNA_G

ClientSampled :

Tot Ion:107 Resp: 483566

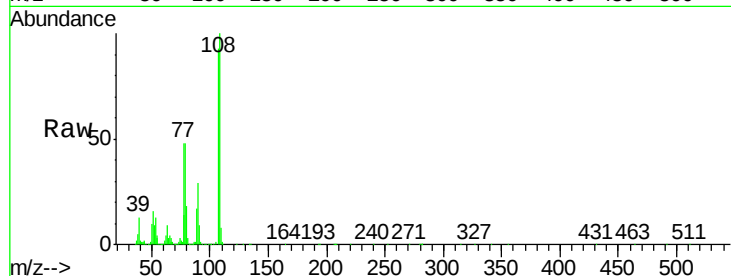
Ion Ratio Lower Upper

107 100

108 107.0 92.0 138.0

77 51.8 55.8 83.6#

79 51.1 55.0 82.6#

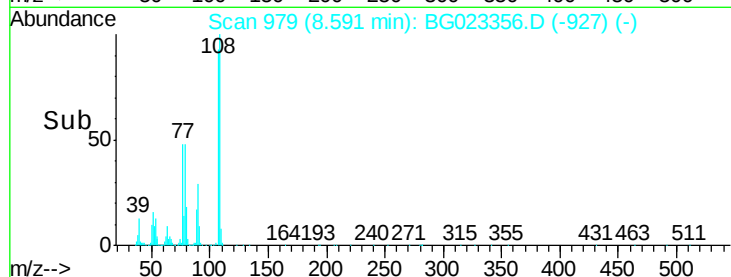


Abundance Ion 107.00 (106.70 to 107.70): E

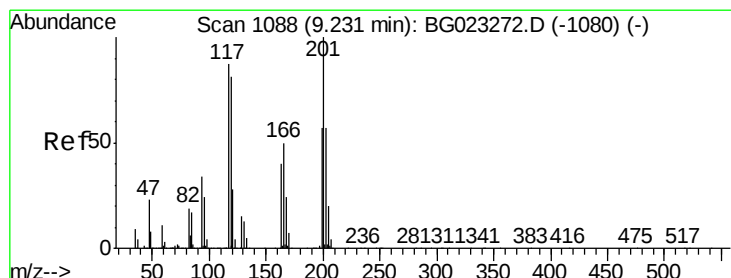
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



Time-->



#18

Hexachloroethane

Concen: 40.10 ng

RT: 9.23 min Scan# 1088

Delta R.T. -0.01 min

Lab File: BG023356.D

Acq: 30 Jul 2016 14:05

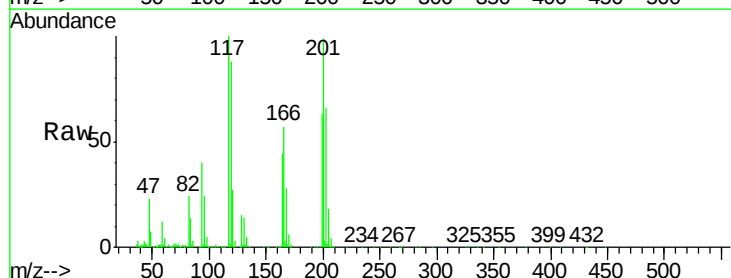
Tgt Ion:117 Resp: 187377

Ion Ratio Lower Upper

117 100

119 87.7 73.7 110.5

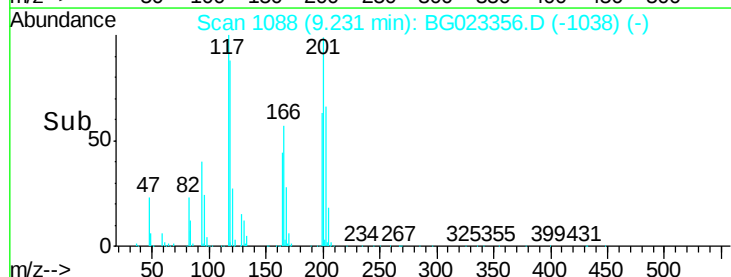
201 99.2 88.7 133.1



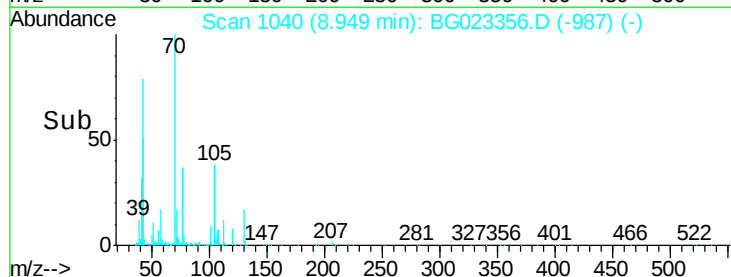
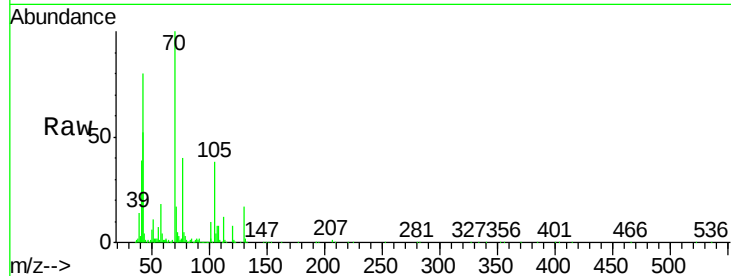
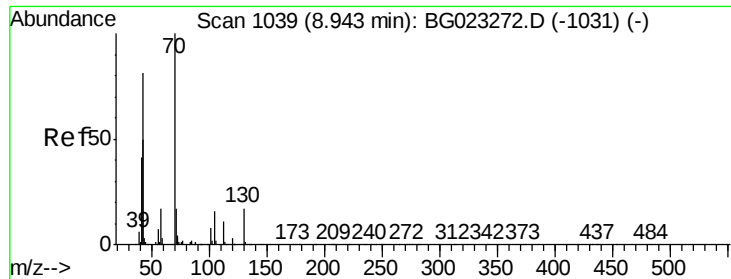
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



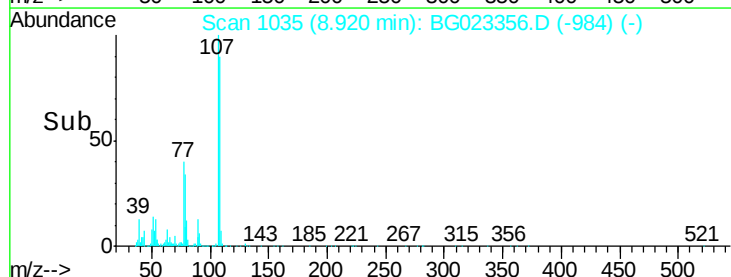
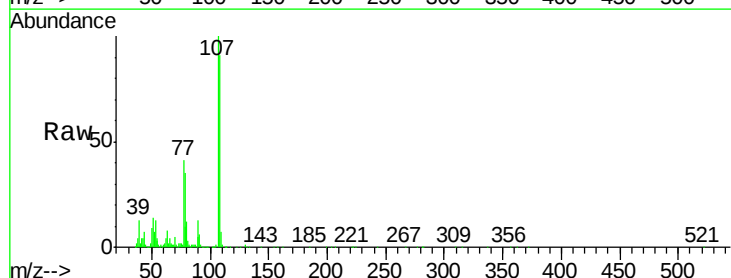
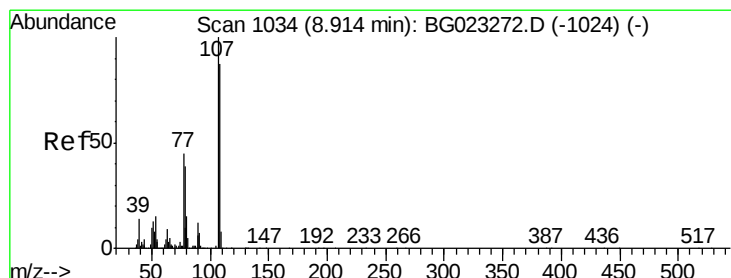
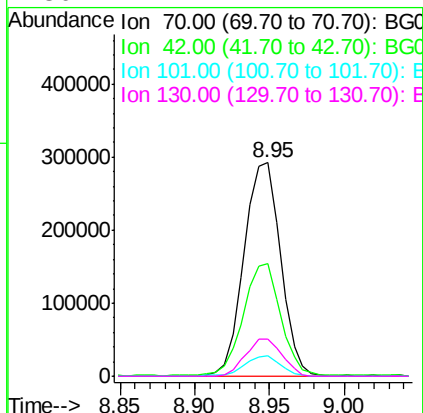
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 40.85 ng
RT: 8.95 min Scan# 1040
Delta R.T. 0.01 min
Lab File: BG023356.D
Acq: 30 Jul 2016 14:05

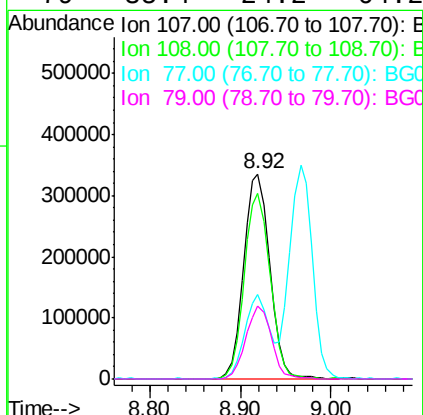
Instrument :
BNA_G
ClientSampleId :

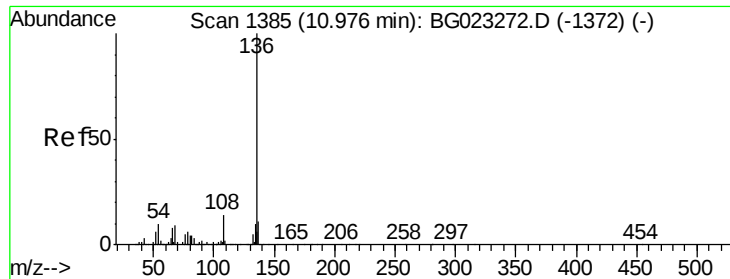
Tot Ion:	70	Resp:	493347
Ion	Ratio	Lower	Upper
70	100		
42	52.5	42.1	63.1
101	9.6	7.2	10.8
130	17.4	14.2	21.2



#20
3+4-Methylphenols
Concen: 50.83 ng
RT: 8.92 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BG023356.D
Acq: 30 Jul 2016 14:05

Tgt Ion:	107	Resp:	669254
Ion	Ratio	Lower	Upper
107	100		
108	90.9	72.5	112.5
77	41.1	30.1	70.1
79	35.4	24.2	64.2

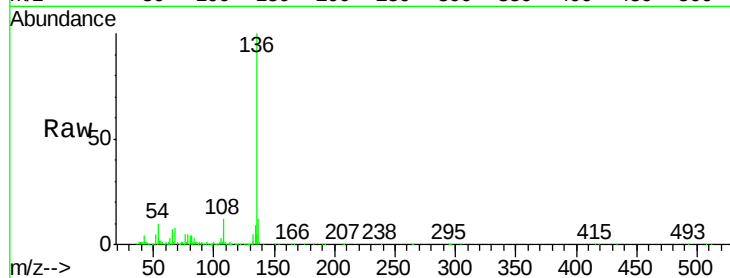




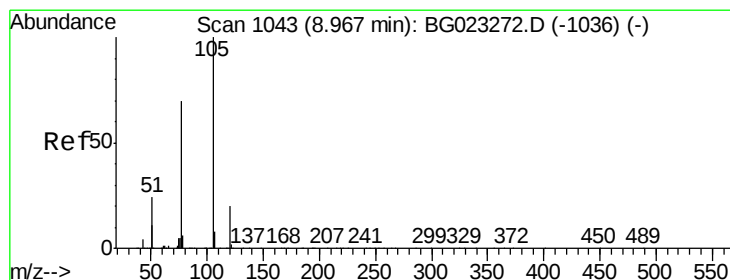
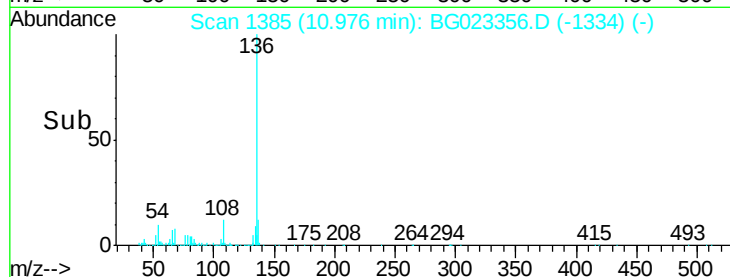
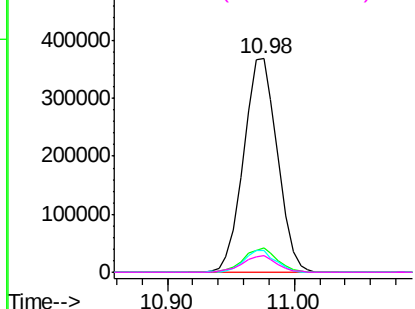
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1385
Delta R.T. -0.00 min
Lab File: BG023356.D
Acq: 30 Jul 2016 14:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	682206
Ion Ratio	Lower	Upper
136	100	
137	11.5	9.6 14.4
54	9.9	7.3 10.9
68	7.6	5.3 7.9

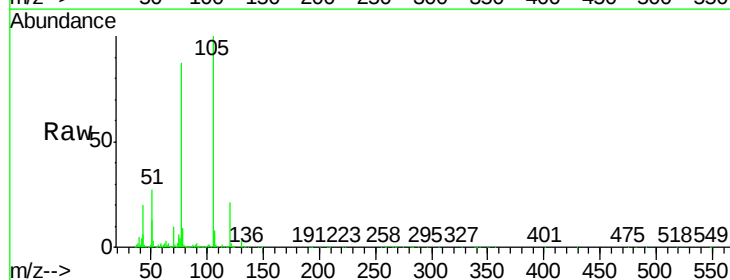


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

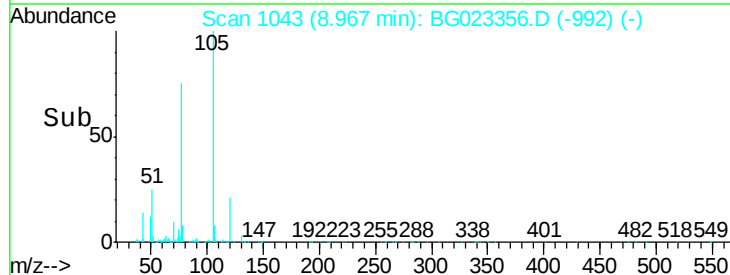
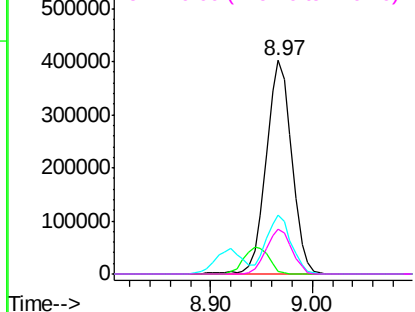


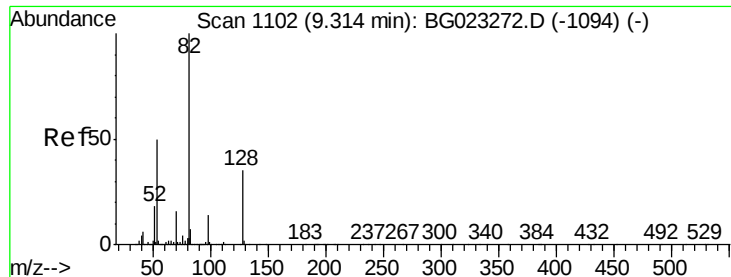
#22
Acetophenone
Concen: 39.87 ng
RT: 8.97 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BG023356.D
Acq: 30 Jul 2016 14:05

Tgt Ion:105	Resp:	710075
Ion Ratio	Lower	Upper
105	100	
71	1.5	2.6 3.8#
51	27.4	27.1 40.7
120	20.9	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

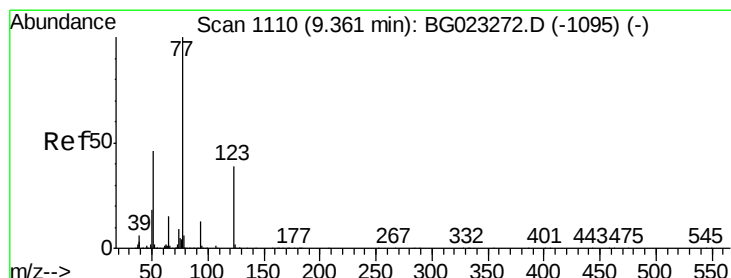
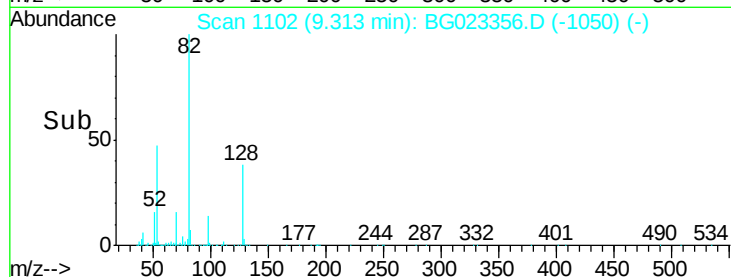
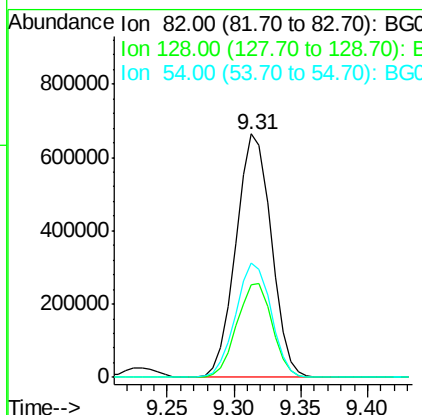
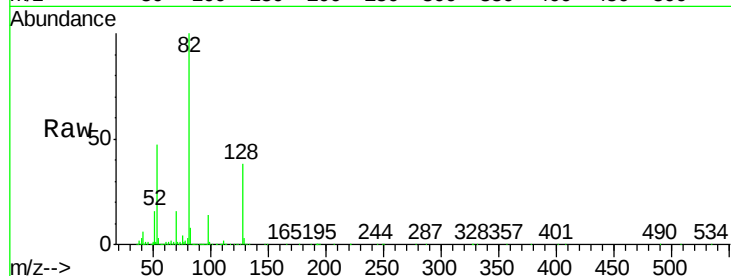




#23
 Nitrobenzene-d5
 Concen: 87.13 ng
 RT: 9.31 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: BG023356.D
 Acq: 30 Jul 2016 14:05

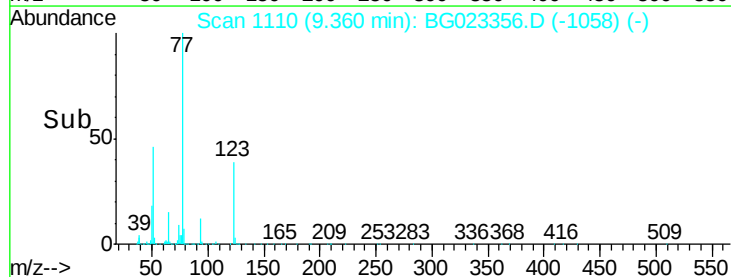
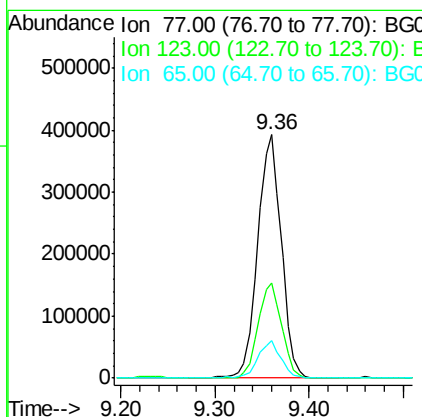
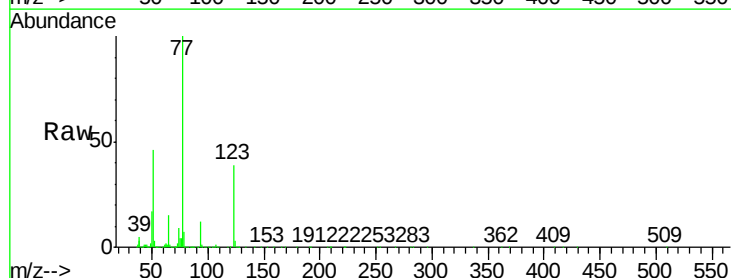
Instrument :
 BNA_G
 ClientSampleId :

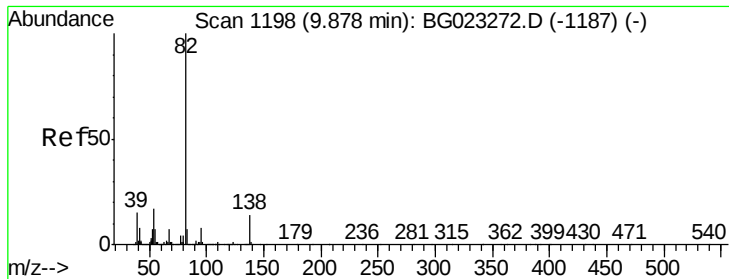
Tot Ion: 82 Resp: 1215483
 Ion Ratio Lower Upper
 82 100
 128 38.2 24.4 36.6#
 54 47.2 41.4 62.0



#24
 Nitrobenzene
 Concen: 41.90 ng
 RT: 9.36 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: BG023356.D
 Acq: 30 Jul 2016 14:05

Tgt Ion: 77 Resp: 678760
 Ion Ratio Lower Upper
 77 100
 123 39.2 25.0 37.6#
 65 15.4 13.4 20.0





#25

Isophorone

Concen: 48.55 ng

RT: 9.88 min Scan# 1199

Delta R.T. 0.00 min

Lab File: BG023356.D

Acq: 30 Jul 2016 14:05

Instrument :

BNA_G

ClientSampleId :

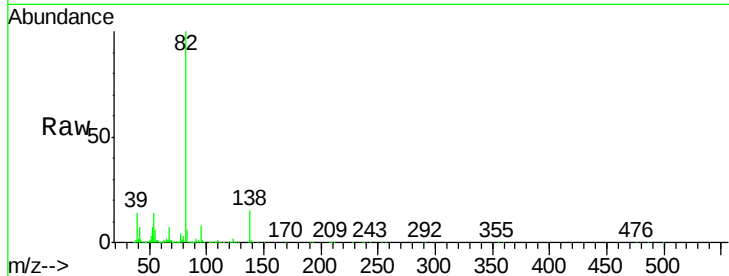
Tot Ion: 82 Resp: 1398860

Ion Ratio Lower Upper

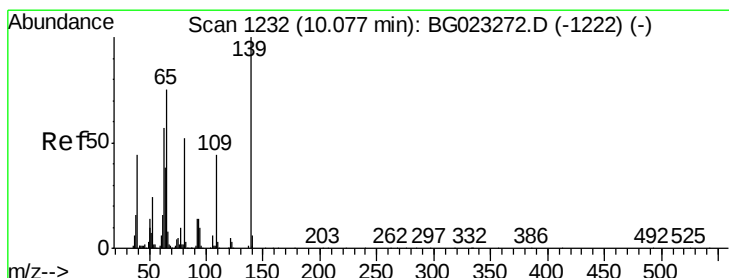
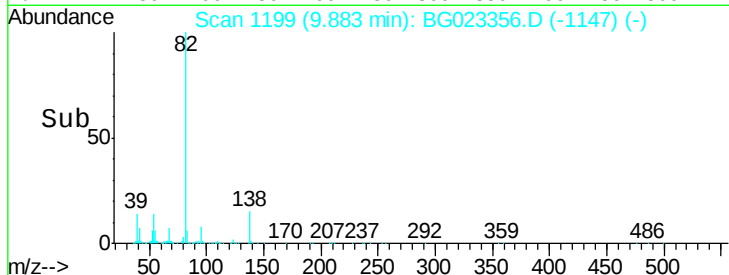
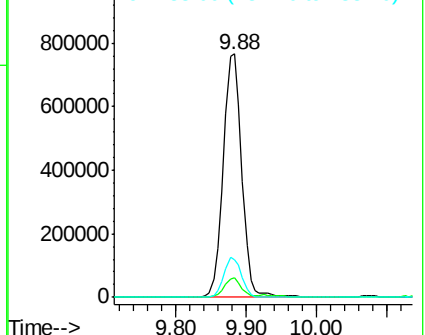
82 100

95 8.3 8.2 12.2

138 15.4 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: 48.88 ng

RT: 10.08 min Scan# 1232

Delta R.T. -0.01 min

Lab File: BG023356.D

Acq: 30 Jul 2016 14:05

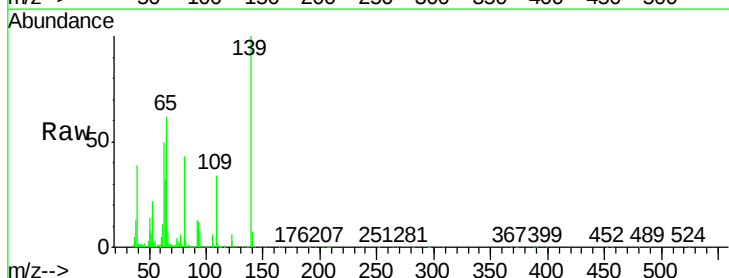
Tgt Ion: 139 Resp: 299084

Ion Ratio Lower Upper

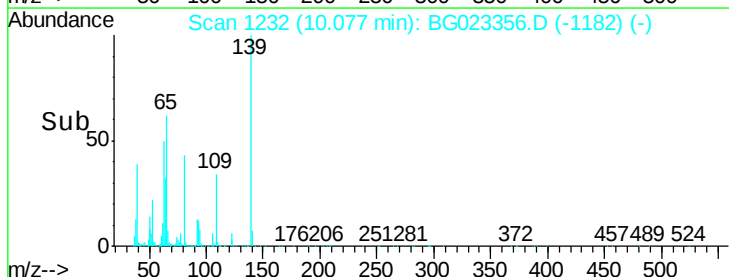
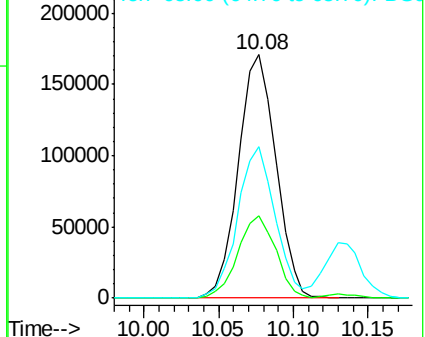
139 100

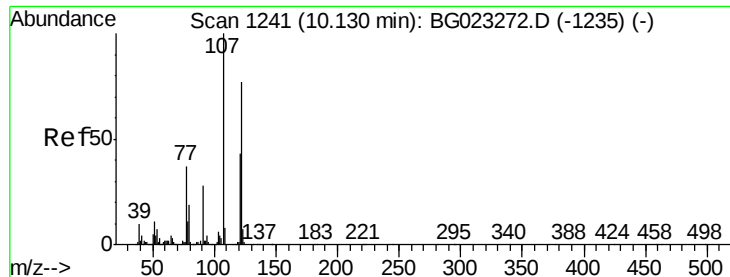
109 33.8 43.5 65.3#

65 62.3 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

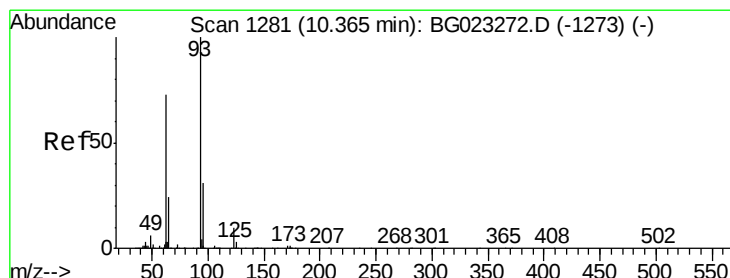
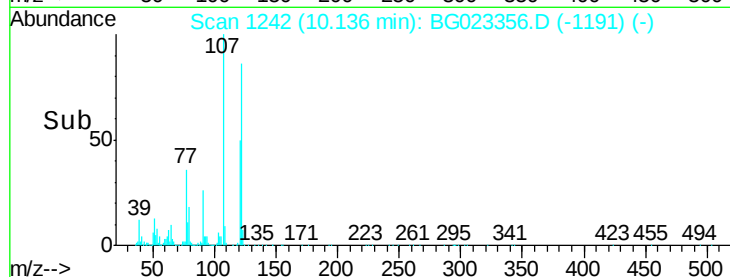
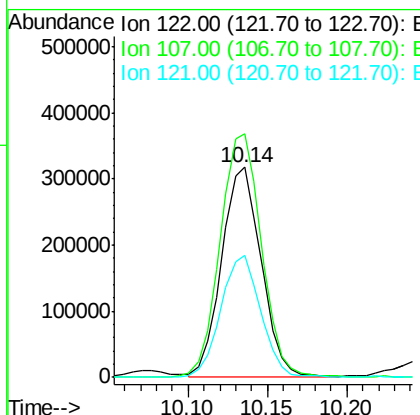
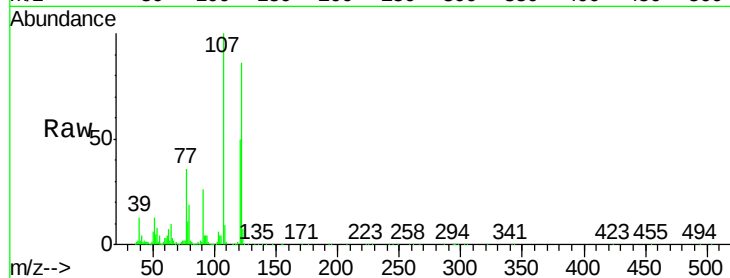




#27
 2,4-Dimethylphenol
 Concen: 52.97 ng
 RT: 10.14 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: BG023356.D
 Acq: 30 Jul 2016 14:05

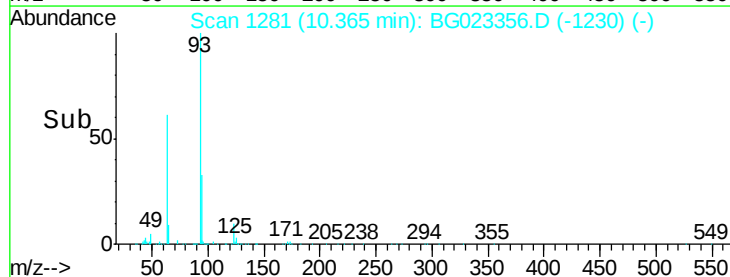
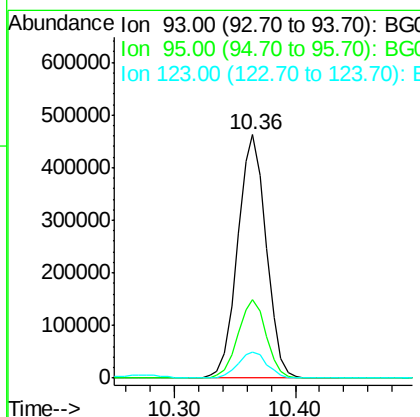
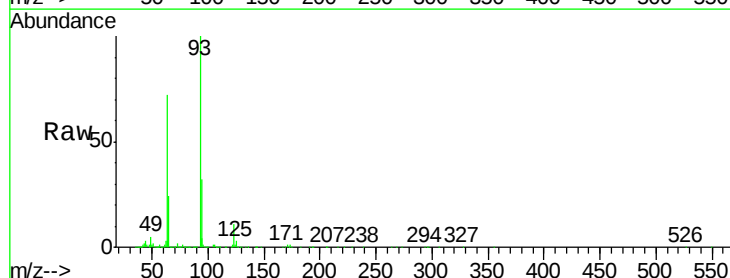
Instrument :
 BNA_G
 ClientSampleId :

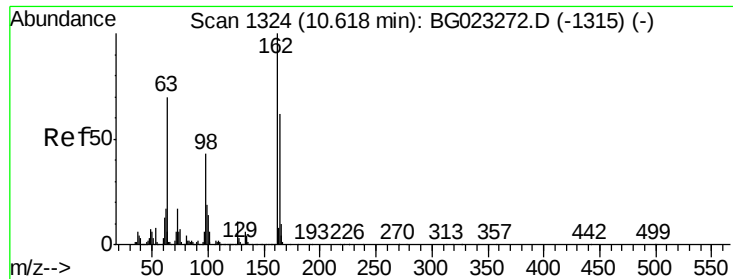
Tot Ion	Ratio	Lower	Upper
122	100		
107	116.0	117.0	175.4#
121	58.1	50.1	75.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 46.99 ng
 RT: 10.36 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: BG023356.D
 Acq: 30 Jul 2016 14:05

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	25.4	38.2
123	10.5	8.2	12.2

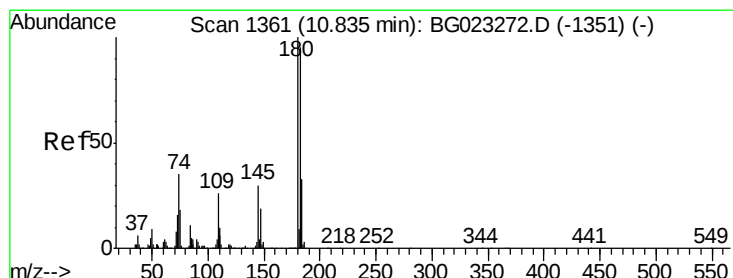
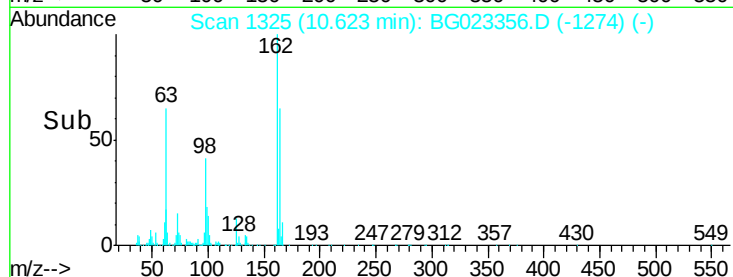
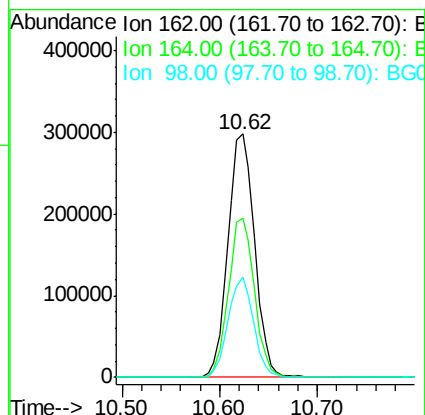
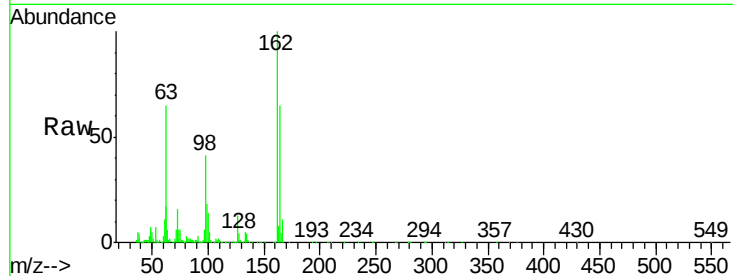




#29
 2,4-Dichlorophenol
 Concen: 56.38 ng
 RT: 10.62 min Scan# 1325
 Delta R.T. -0.00 min
 Lab File: BG023356.D
 Acq: 30 Jul 2016 14:05

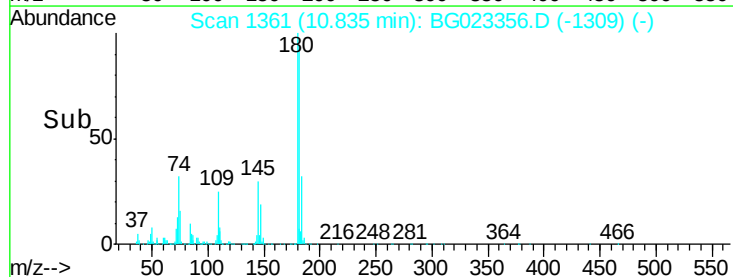
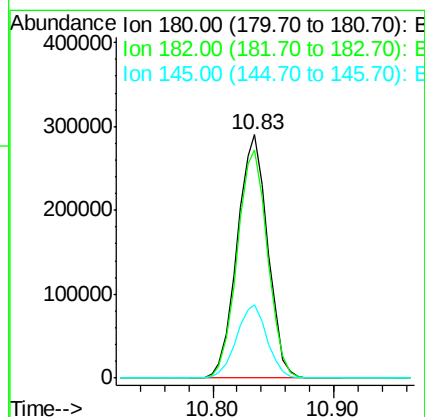
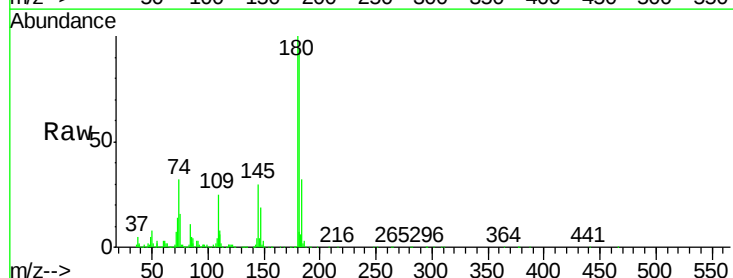
Instrument :
 BNA_G
 ClientSampleId :

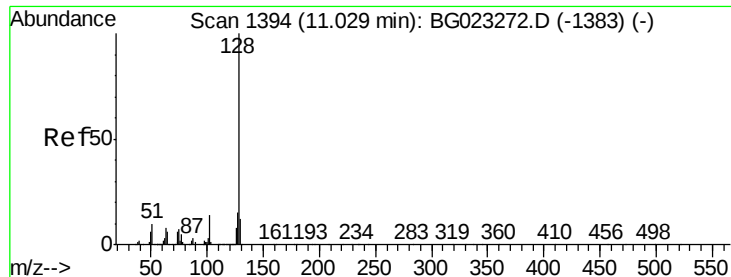
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.4	44.3	84.3
98	41.0	19.5	59.5



#30
 1,2,4-Trichlorobenzene
 Concen: 46.09 ng
 RT: 10.83 min Scan# 1361
 Delta R.T. 0.00 min
 Lab File: BG023356.D
 Acq: 30 Jul 2016 14:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	73.8	110.8
145	30.1	24.4	36.6

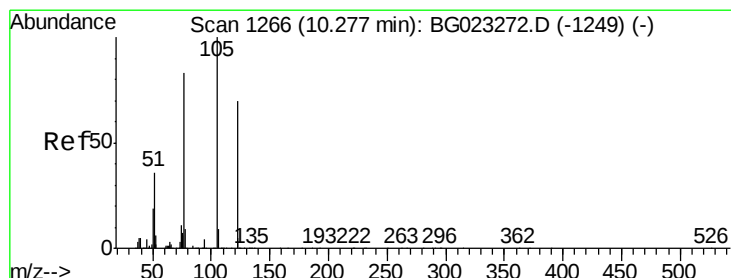
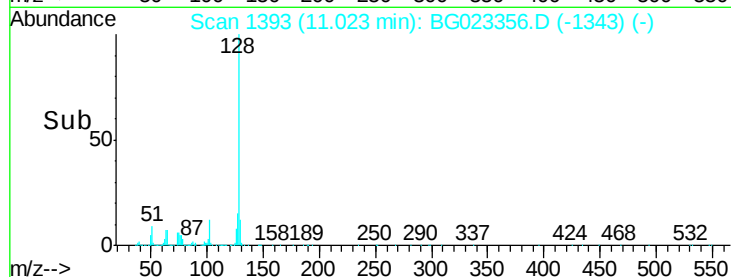
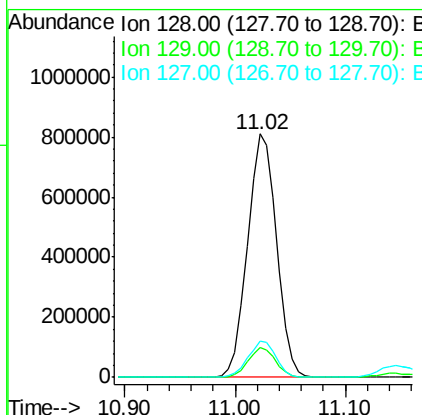
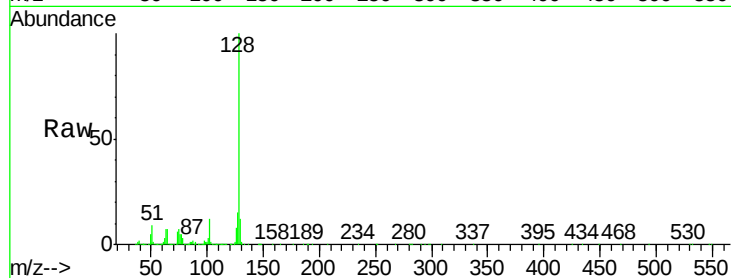




#31
Naphthalene
Concen: 47.10 ng
RT: 11.02 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BG023356.D
Acq: 30 Jul 2016 14:05

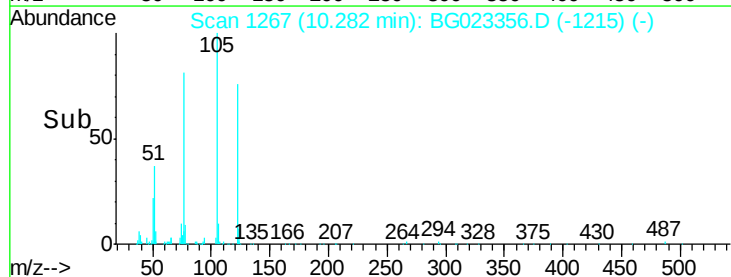
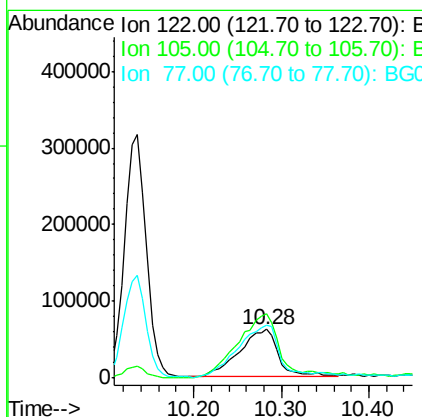
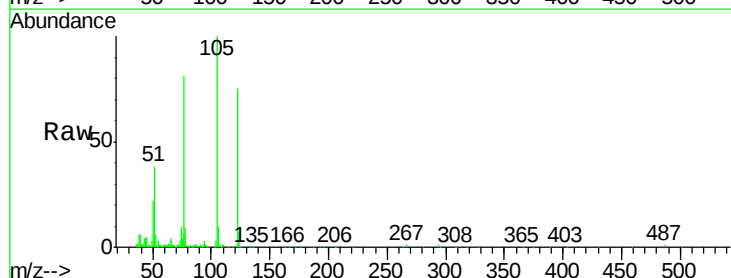
Instrument :
BNA_G
ClientSampleId :

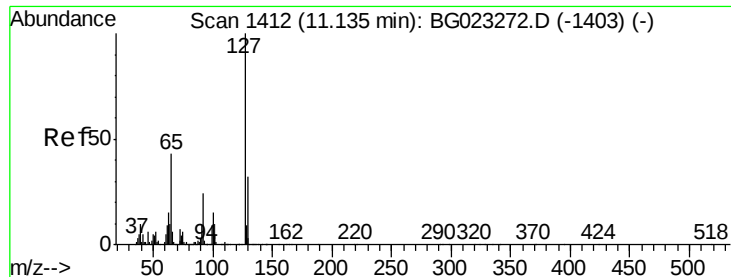
Tot Ion:128 Resp: 1492920
Ion Ratio Lower Upper
128 100
129 12.2 9.4 14.0
127 14.8 11.3 16.9



#32
Benzoic acid
Concen: 27.26 ng
RT: 10.28 min Scan# 1267
Delta R.T. 0.01 min
Lab File: BG023356.D
Acq: 30 Jul 2016 14:05

Tgt Ion:122 Resp: 193513
Ion Ratio Lower Upper
122 100
105 133.5 117.2 157.2
77 108.5 109.2 149.2#

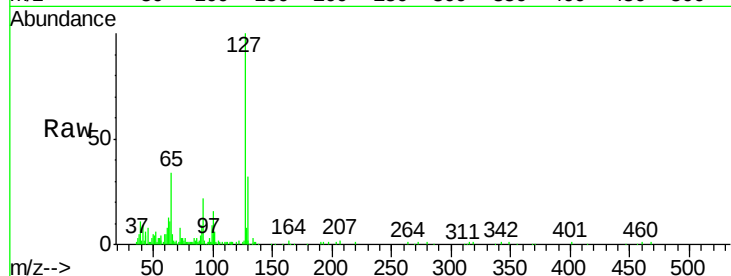




#33
4-Chloroaniline
Concen: 7.41 ng
RT: 11.15 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BG023356.D
Acq: 30 Jul 2016 14:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.9	27.9	41.9
65	34.3	36.8	55.2
92	22.1	21.0	31.6



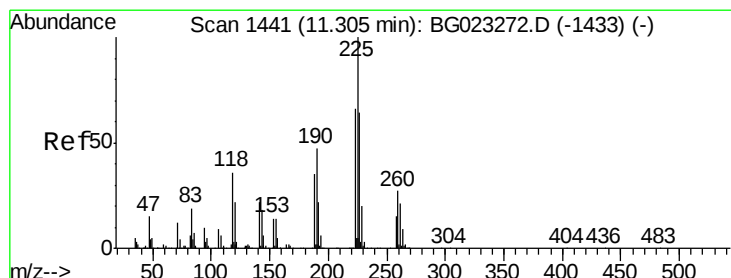
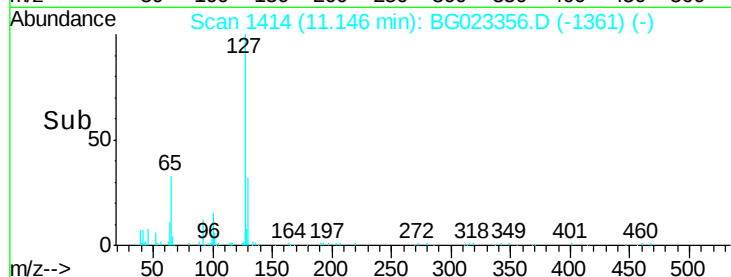
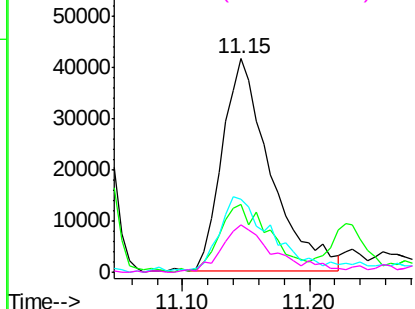
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

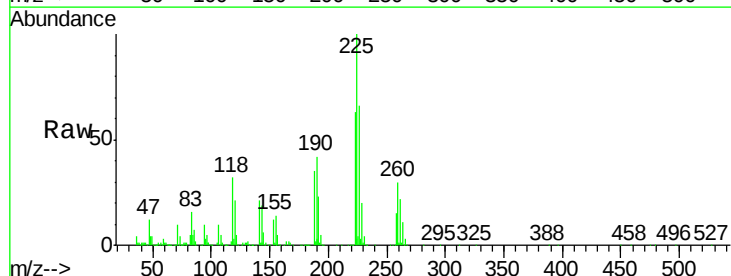
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 43.43 ng
RT: 11.30 min Scan# 1441
Delta R.T. -0.00 min
Lab File: BG023356.D
Acq: 30 Jul 2016 14:05

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	49.6	74.4
227	66.1	54.5	81.7

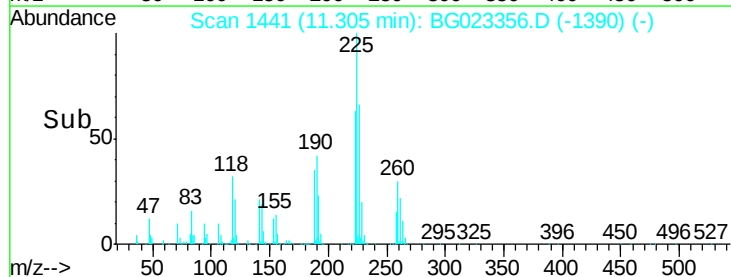
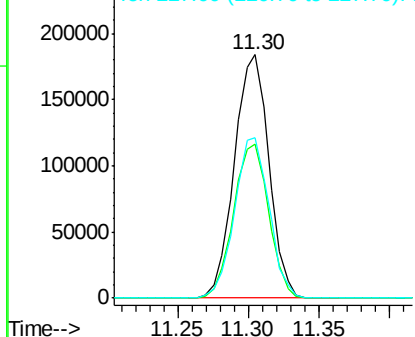


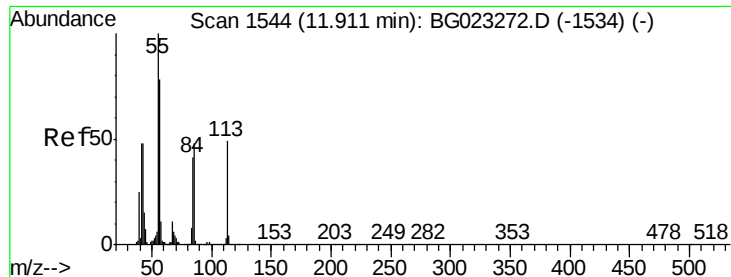
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 28.43 ng

RT: 11.96 min Scan# 1553

Delta R.T. 0.07 min

Lab File: BG023356.D

Acq: 30 Jul 2016 14:05

Instrument :

BNA_G

ClientSampleId :

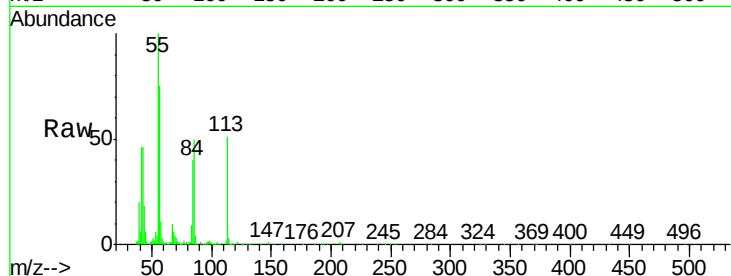
Tot Ion:113 Resp: 120695

Ion Ratio Lower Upper

113 100

55 194.8 154.5 194.5#

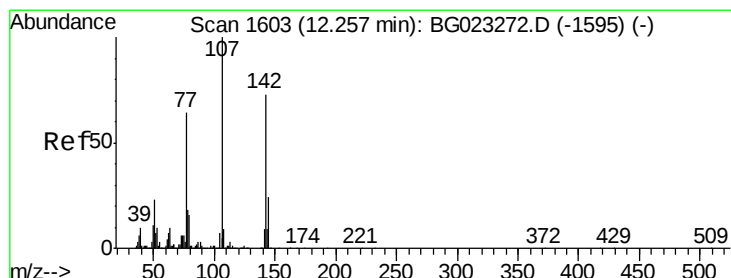
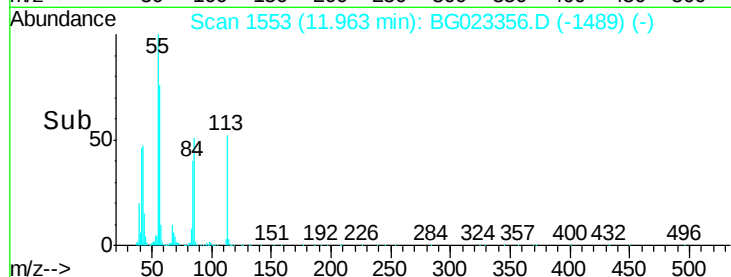
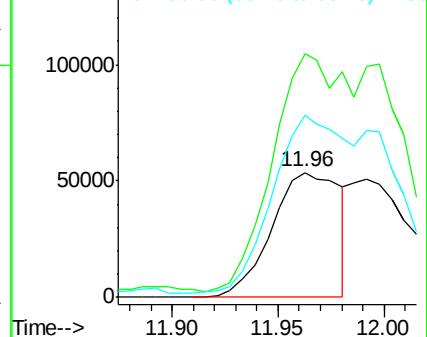
56 146.2 125.1 165.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 53.75 ng

RT: 12.26 min Scan# 1604

Delta R.T. 0.00 min

Lab File: BG023356.D

Acq: 30 Jul 2016 14:05

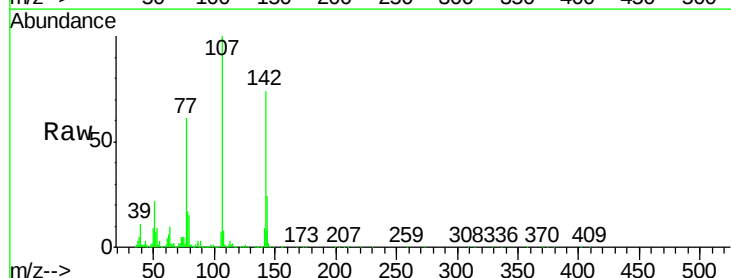
Tgt Ion:107 Resp: 705036

Ion Ratio Lower Upper

107 100

144 23.9 17.0 25.6

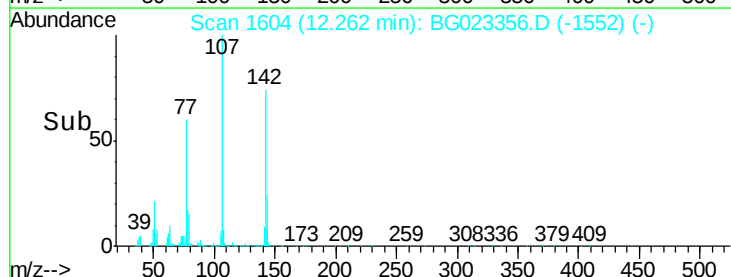
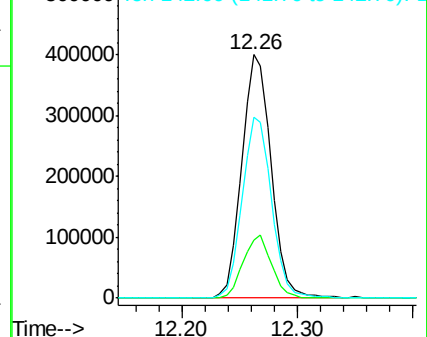
142 74.3 53.0 79.6

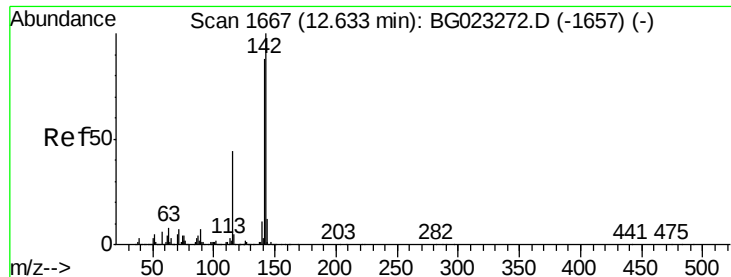


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

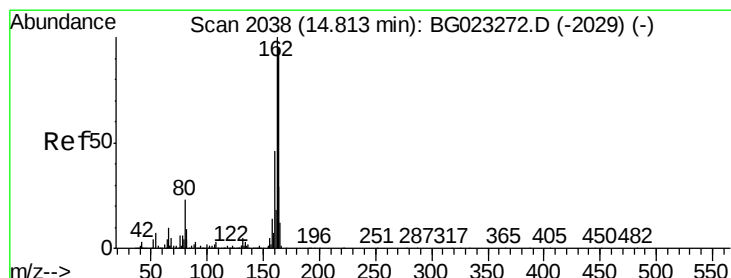
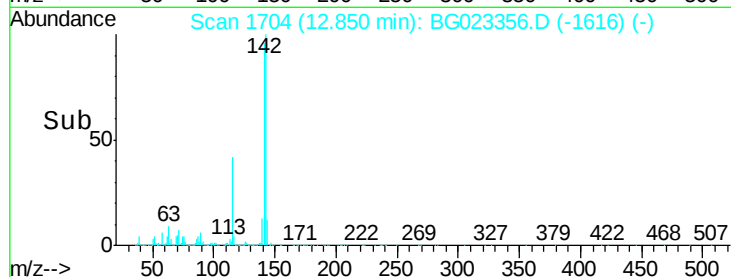
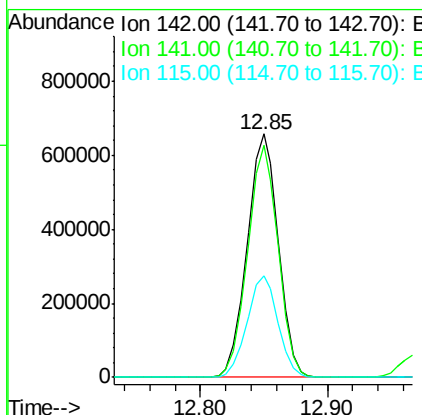
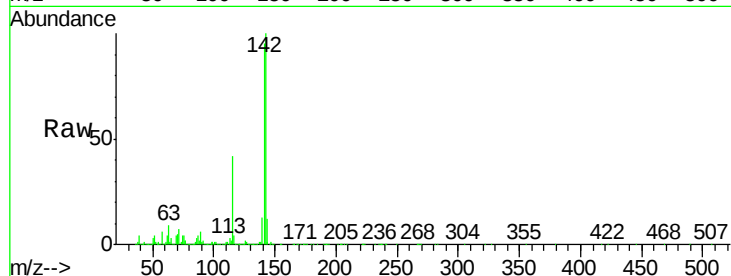




#37
2-Methylnaphthalene
Concen: 47.52 ng
RT: 12.85 min Scan# 1704
Delta R.T. 0.21 min
Lab File: BG023356.D
Acq: 30 Jul 2016 14:05

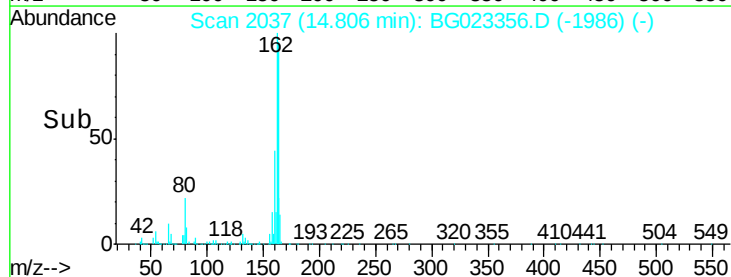
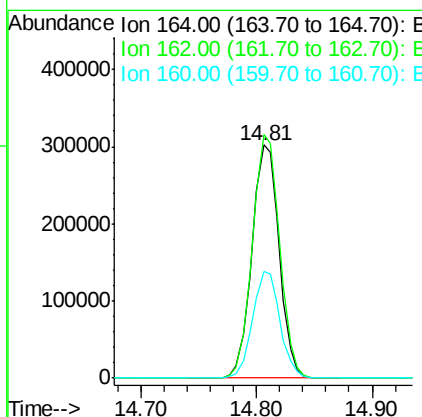
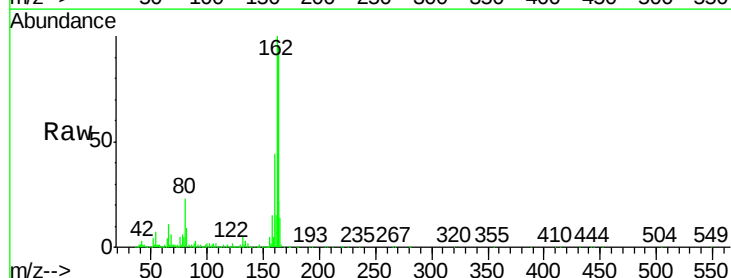
Instrument :
BNA_G
ClientSampleId :

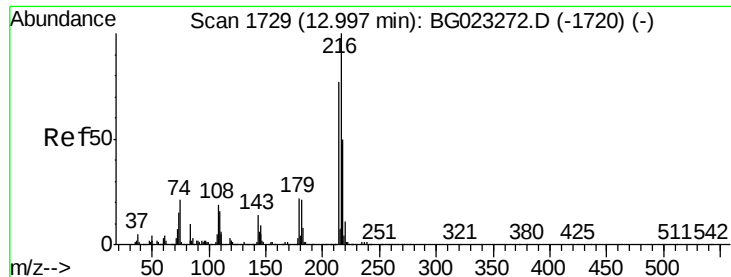
Tot Ion:142 Resp: 1116872
Ion Ratio Lower Upper
142 100
141 95.5 70.2 105.2
115 41.8 41.7 62.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.81 min Scan# 2037
Delta R.T. -0.00 min
Lab File: BG023356.D
Acq: 30 Jul 2016 14:05

Tgt Ion:164 Resp: 494637
Ion Ratio Lower Upper
164 100
162 104.5 87.7 131.5
160 45.9 37.2 55.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.17 ng

RT: 13.00 min Scan# 1729

Delta R.T. -0.00 min

Lab File: BG023356.D

Acq: 30 Jul 2016 14:05

Instrument :

BNA_G

ClientSampled :

Tot Ion:216 Resp: 547221

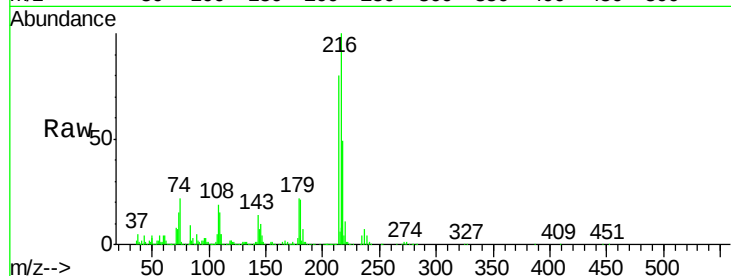
Ion Ratio Lower Upper

216 100

214 80.1 62.9 94.3

179 22.4 17.2 25.8

108 23.0 16.3 24.5

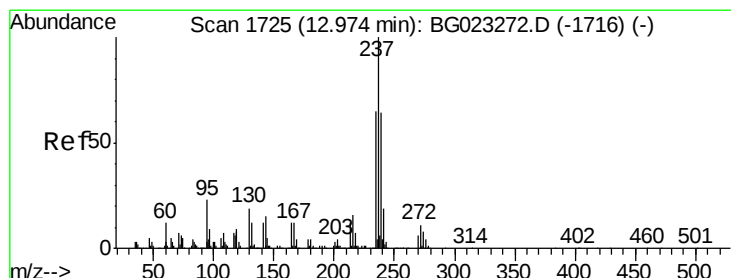
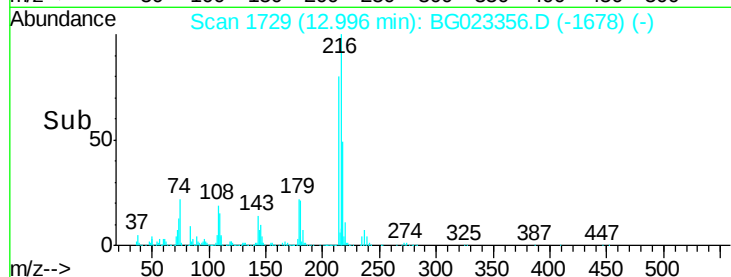
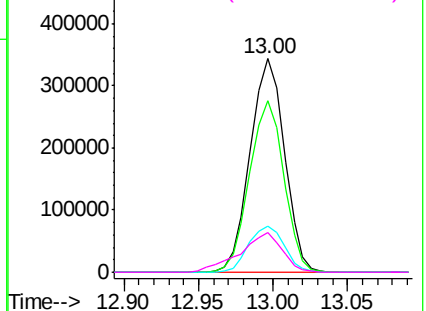


Abundance Ion 216.00 (215.70 to 216.70): E

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: 104.47 ng

RT: 12.97 min Scan# 1724

Delta R.T. -0.01 min

Lab File: BG023356.D

Acq: 30 Jul 2016 14:05

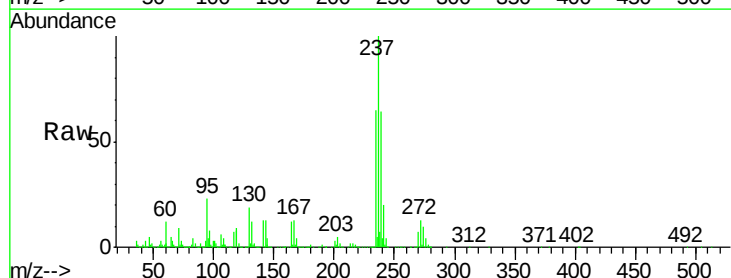
Tgt Ion:237 Resp: 792725

Ion Ratio Lower Upper

237 100

235 64.8 43.1 83.1

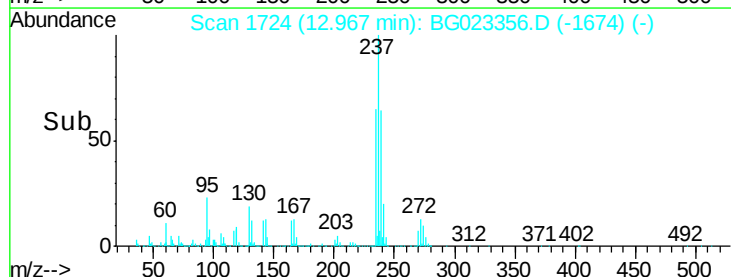
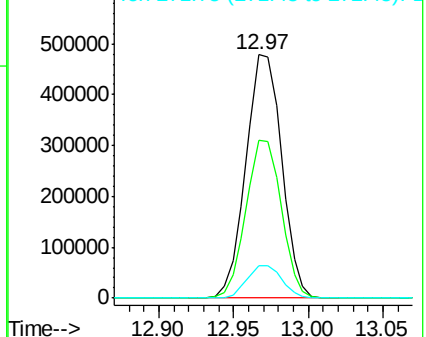
272 13.1 0.0 30.9

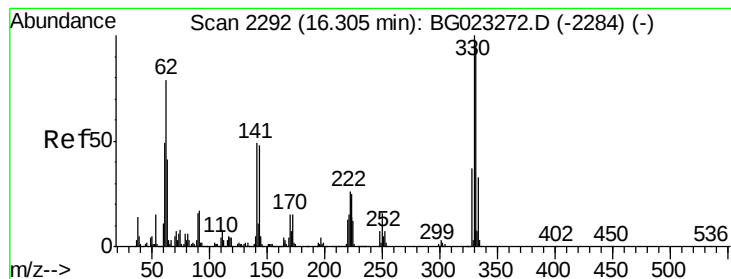


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 174.70 ng

RT: 16.31 min Scan# 2293

Delta R.T. 0.00 min

Lab File: BG023356.D

Acq: 30 Jul 2016 14:05

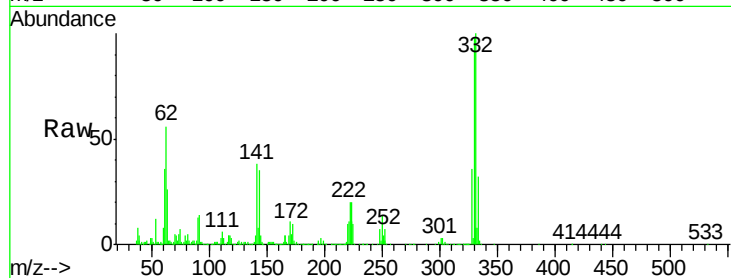
Instrument :

BNA_G

ClientSampleId :

Tot Ion:330 Resp: 894417

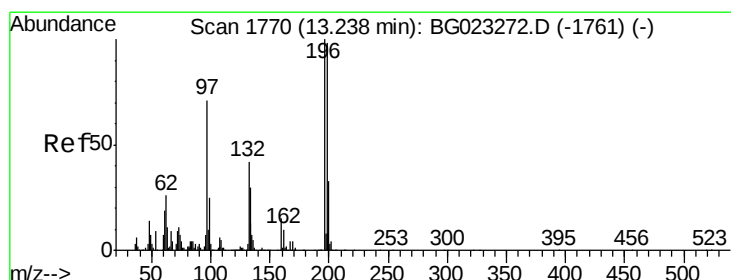
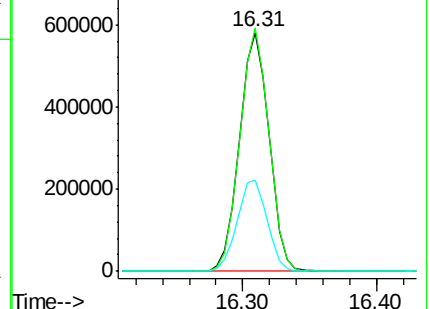
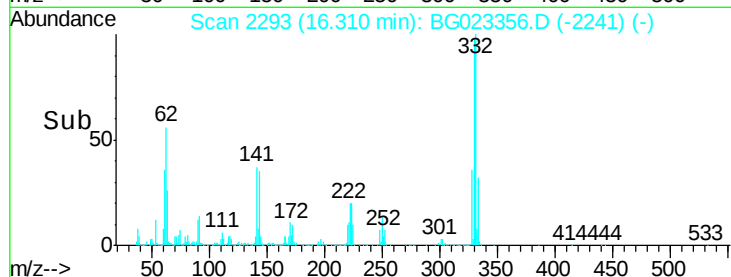
Ion	Ratio	Lower	Upper
330	100		
332	99.9	77.4	116.2
141	39.3	31.7	47.5



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 52.49 ng

RT: 13.24 min Scan# 1770

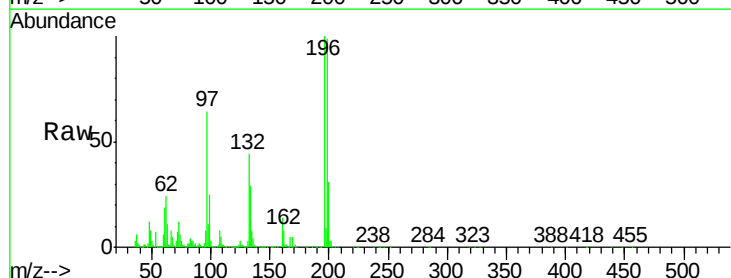
Delta R.T. -0.01 min

Lab File: BG023356.D

Acq: 30 Jul 2016 14:05

Tgt Ion:196 Resp: 493714

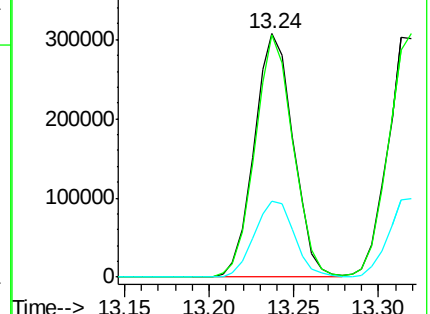
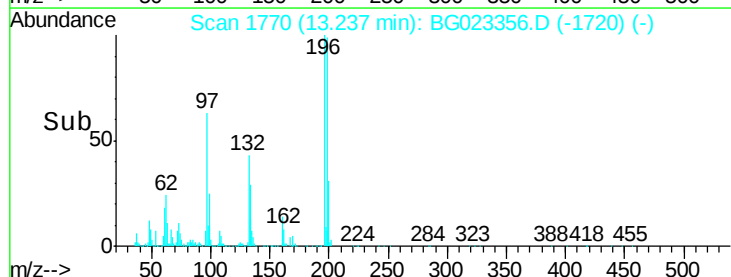
Ion	Ratio	Lower	Upper
196	100		
198	99.4	78.2	117.2
200	31.3	27.0	40.4

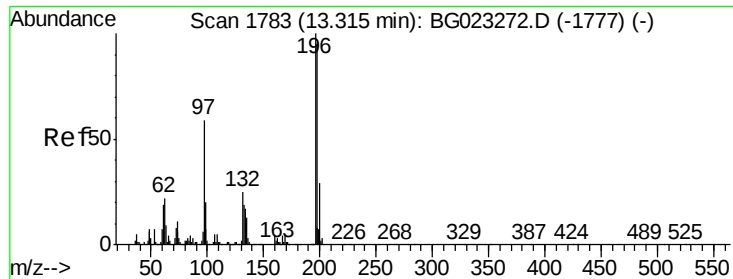


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

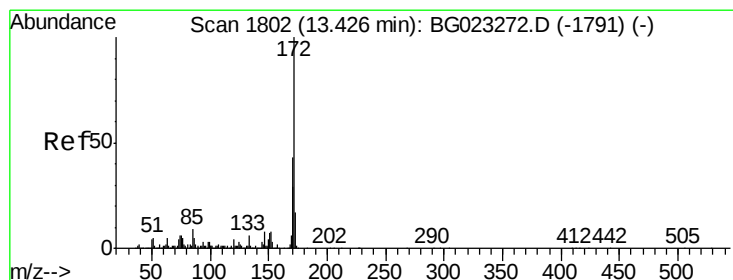
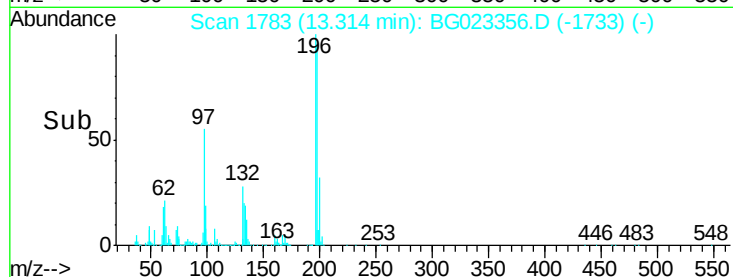
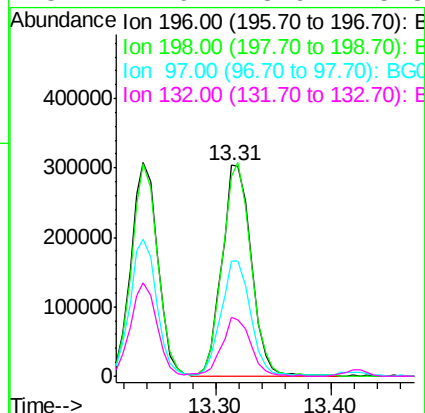
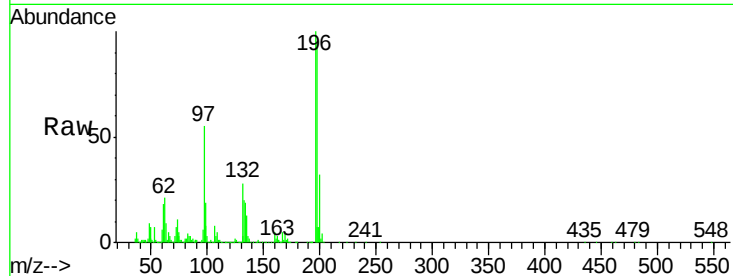




#43
2,4,5-Trichlorophenol
Concen: 53.47 ng
RT: 13.31 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BG023356.D
Acq: 30 Jul 2016 14:05

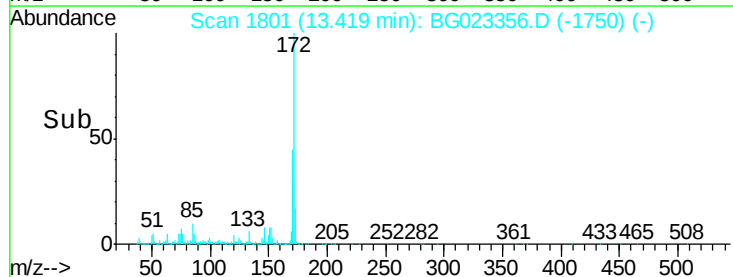
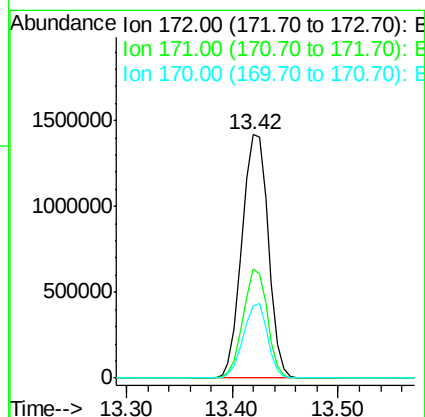
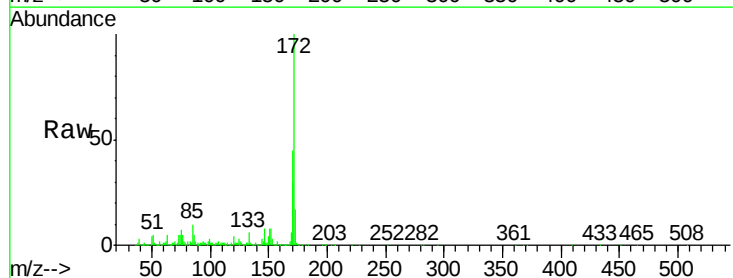
Instrument :
BNA_G
ClientSampled :

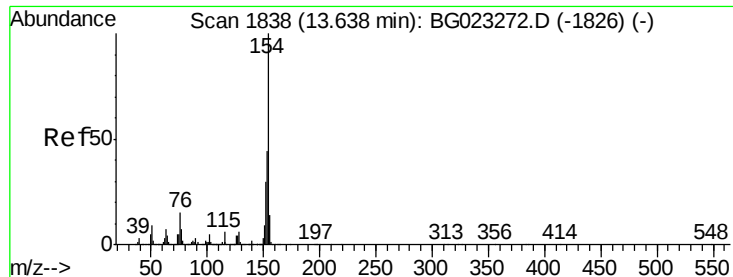
Tot Ion:196 Resp: 533492
Ion Ratio Lower Upper
196 100
198 94.6 85.7 128.5
97 54.9 45.5 68.3
132 27.9 18.9 28.3



#44
2-Fluorobiphenyl
Concen: 92.61 ng
RT: 13.42 min Scan# 1801
Delta R.T. -0.00 min
Lab File: BG023356.D
Acq: 30 Jul 2016 14:05

Tgt Ion:172 Resp: 2447662
Ion Ratio Lower Upper
172 100
171 45.0 31.6 47.4
170 29.8 21.3 31.9

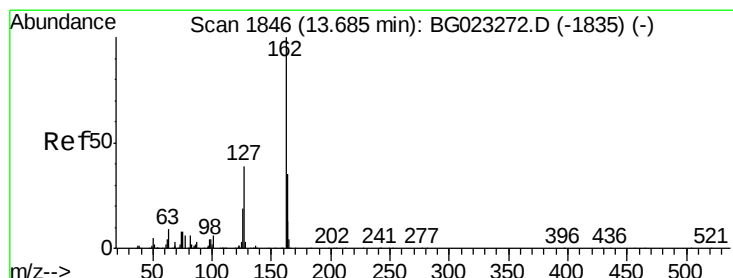
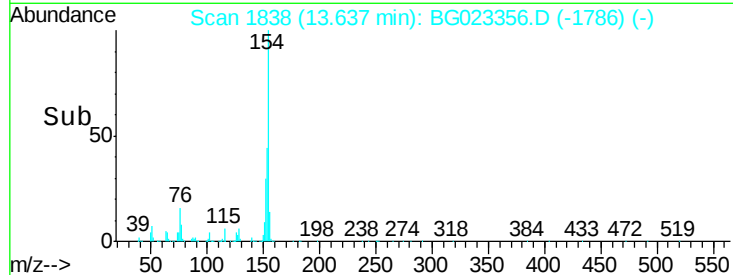
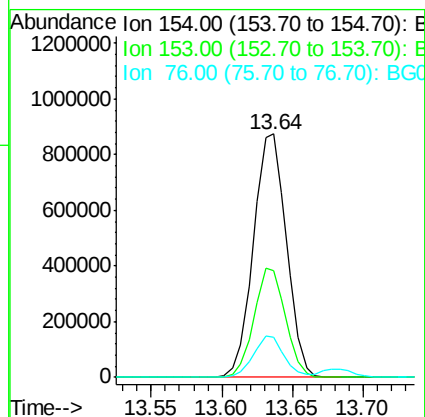
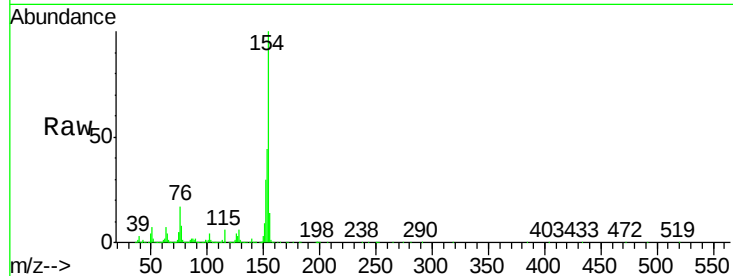




#45
1,1'-Biphenyl
Concen: 41.53 ng
RT: 13.64 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BG023356.D
Acq: 30 Jul 2016 14:05

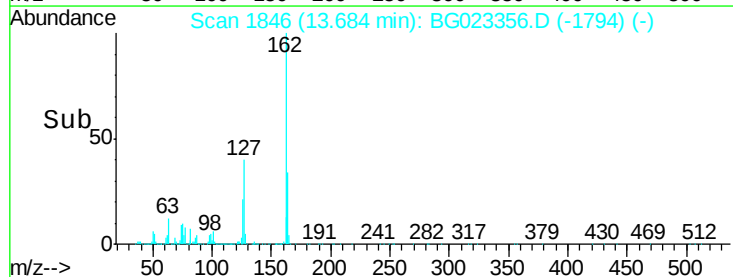
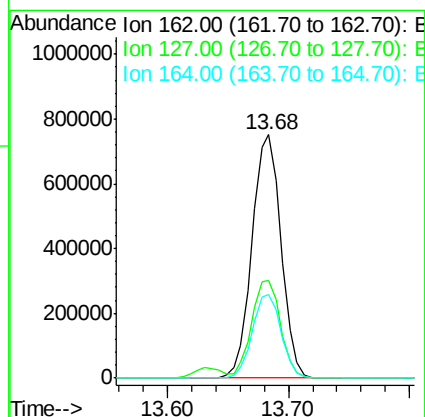
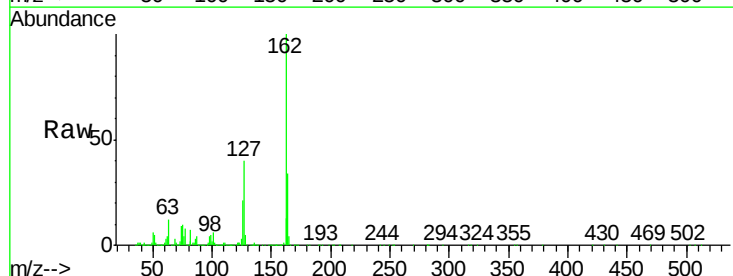
Instrument :
BNA_G
ClientSampleId :

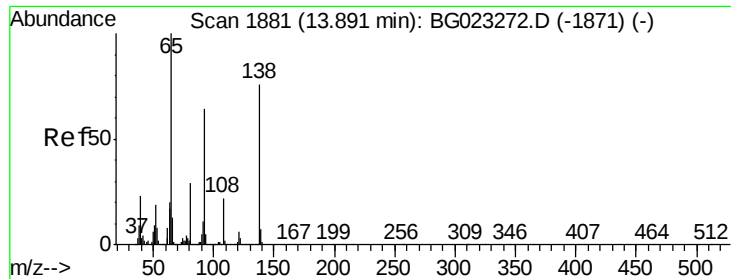
Tot Ion:154 Resp: 1432846
Ion Ratio Lower Upper
154 100
153 43.8 20.2 60.2
76 16.5 0.0 32.9



#46
2-Chloronaphthalene
Concen: 45.59 ng
RT: 13.68 min Scan# 1846
Delta R.T. 0.00 min
Lab File: BG023356.D
Acq: 30 Jul 2016 14:05

Tgt Ion:162 Resp: 1260165
Ion Ratio Lower Upper
162 100
127 39.9 32.4 48.6
164 34.4 25.2 37.8

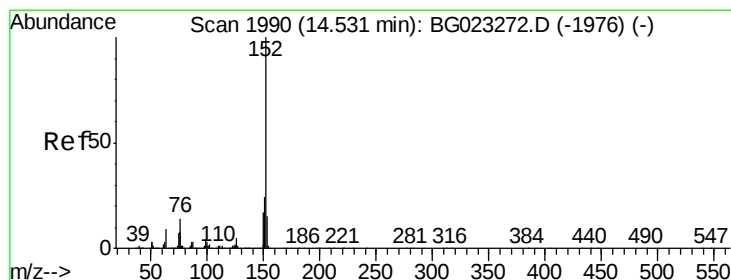
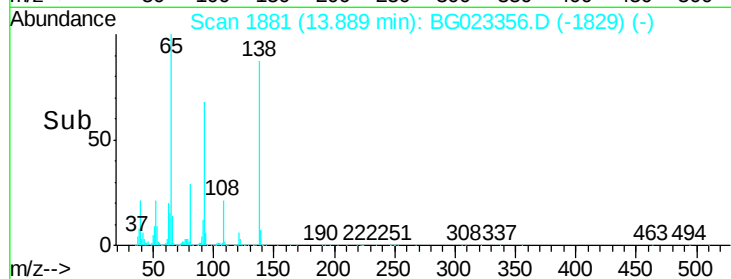
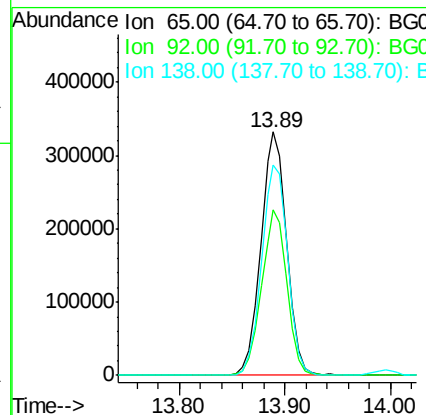
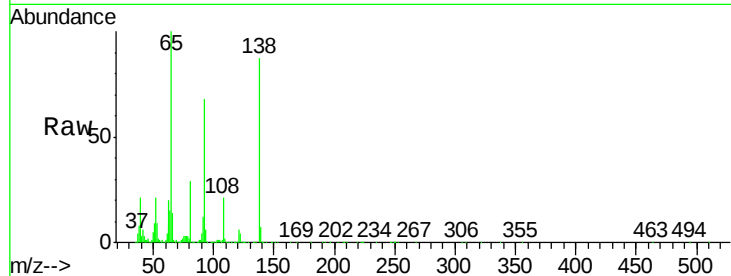




#47
2-Nitroaniline
Concen: 48.13 ng
RT: 13.89 min Scan# 1881
Delta R.T. 0.00 min
Lab File: BG023356.D
Acq: 30 Jul 2016 14:05

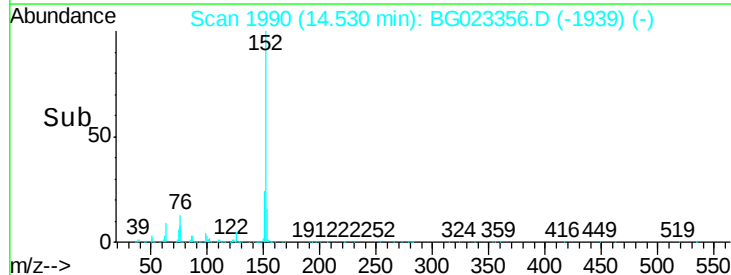
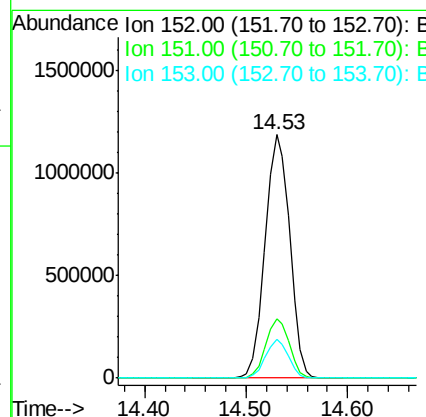
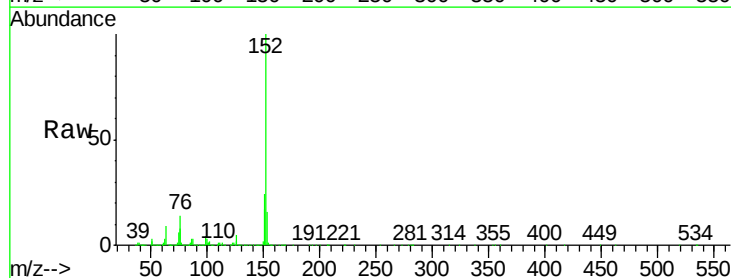
Instrument :
BNA_G
ClientSampleId :

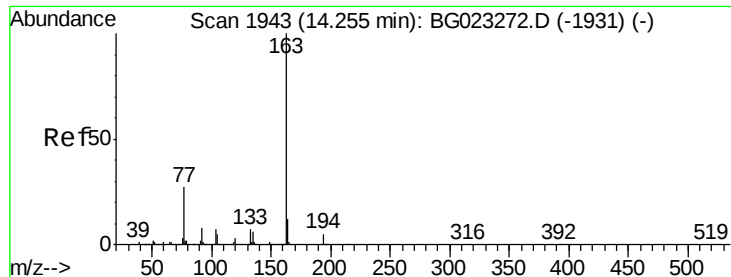
Tot Ion	Ratio	Lower	Upper
65	100		
92	68.2	49.4	74.0
138	86.5	58.0	87.0



#48
Acenaphthylene
Concen: 47.23 ng
RT: 14.53 min Scan# 1990
Delta R.T. -0.00 min
Lab File: BG023356.D
Acq: 30 Jul 2016 14:05

Tgt Ion	Ratio	Lower	Upper
152	100		
151	24.3	17.6	26.4
153	16.1	11.4	17.2





#49

Dimethylphthalate

Concen: 48.33 ng

RT: 14.25 min Scan# 1943

Delta R.T. 0.00 min

Lab File: BG023356.D

Acq: 30 Jul 2016 14:05

Instrument :

BNA_G

ClientSampleId :

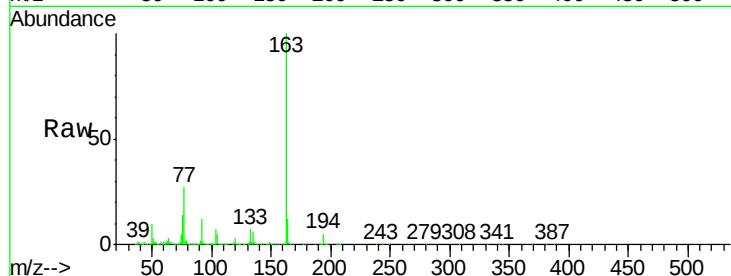
Tot Ion:163 Resp: 1764245

Ion Ratio Lower Upper

163 100

194 4.6 3.6 5.4

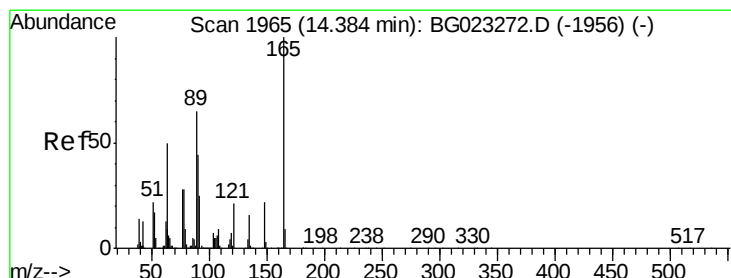
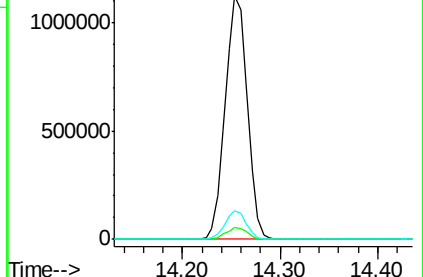
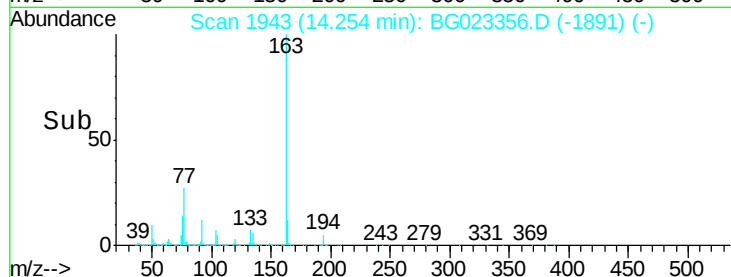
164 11.9 8.1 12.1



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: 48.83 ng

RT: 14.38 min Scan# 1965

Delta R.T. 0.01 min

Lab File: BG023356.D

Acq: 30 Jul 2016 14:05

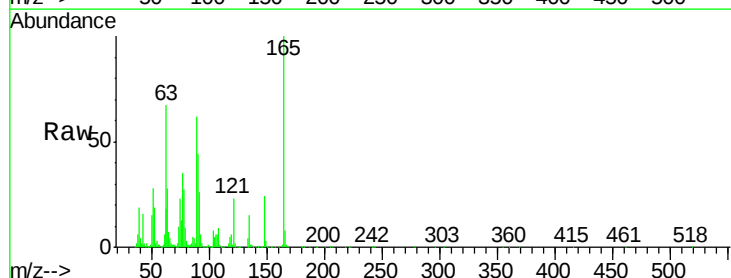
Tgt Ion:165 Resp: 417428

Ion Ratio Lower Upper

165 100

63 67.4 64.3 96.5

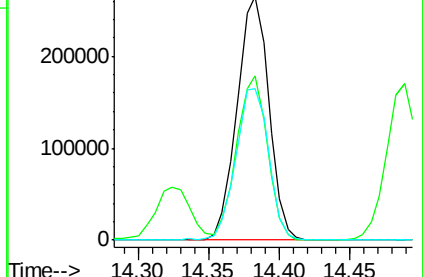
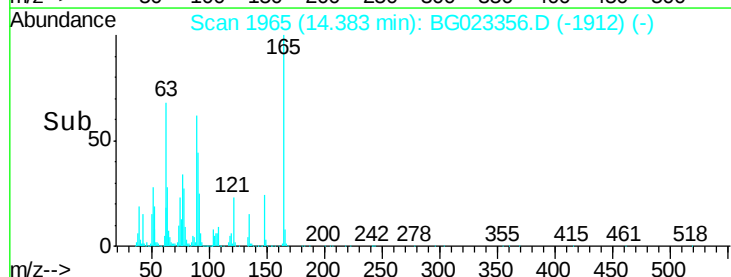
89 62.2 64.3 96.5#

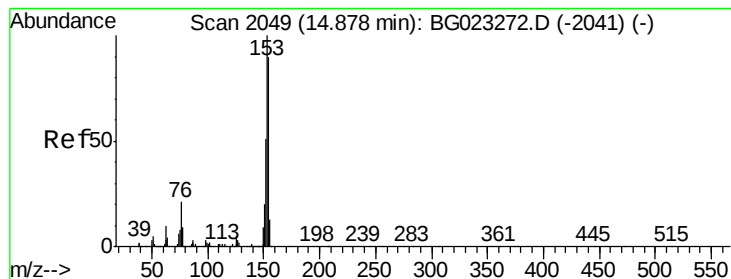


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 47.03 ng

RT: 14.87 min Scan# 2048

Delta R.T. -0.00 min

Lab File: BG023356.D

Acq: 30 Jul 2016 14:05

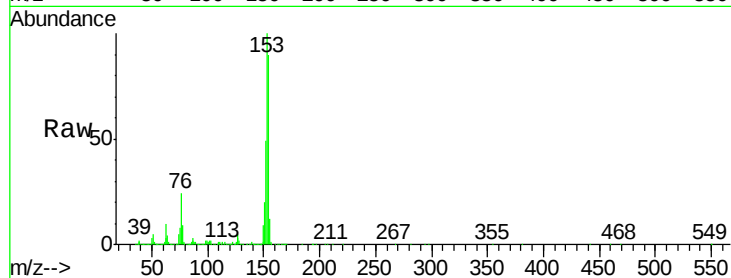
Instrument :

BNA_G

ClientSampled :

Tot Ion:154 Resp: 1291166

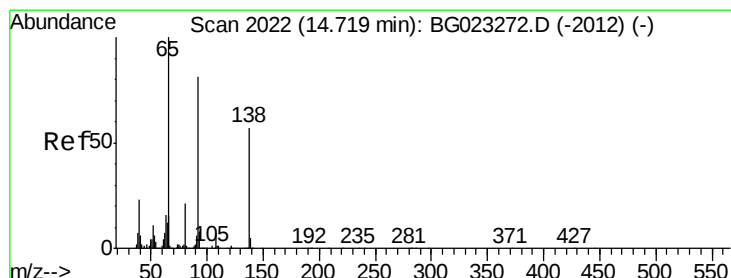
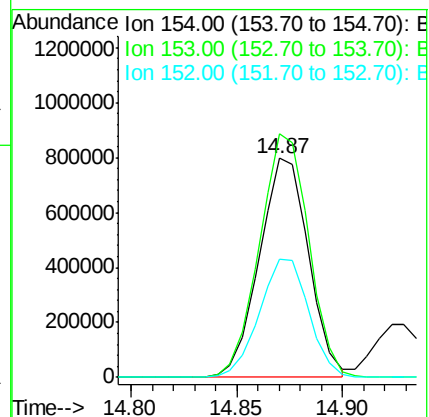
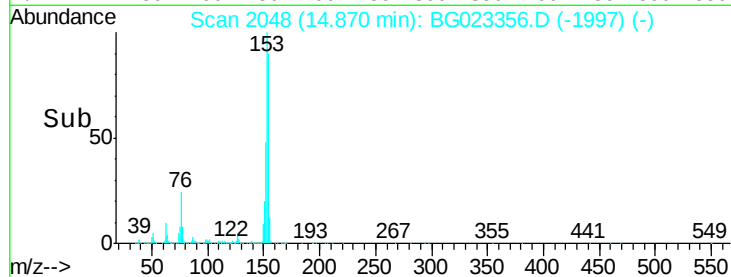
Ion	Ratio	Lower	Upper
154	100		
153	111.1	87.5	131.3
152	54.1	42.7	64.1



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: 27.60 ng

RT: 14.72 min Scan# 2022

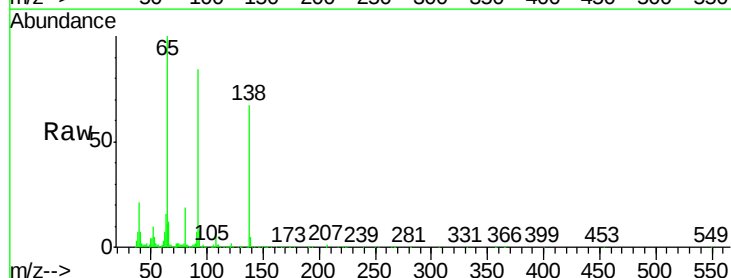
Delta R.T. 0.00 min

Lab File: BG023356.D

Acq: 30 Jul 2016 14:05

Tgt Ion:138 Resp: 237623

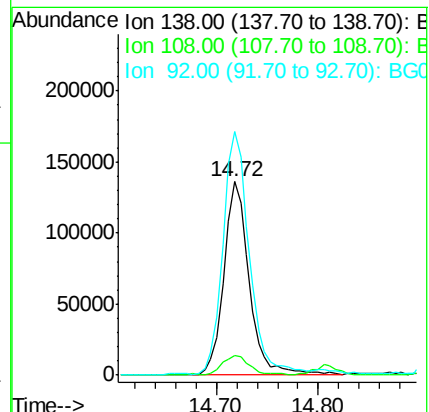
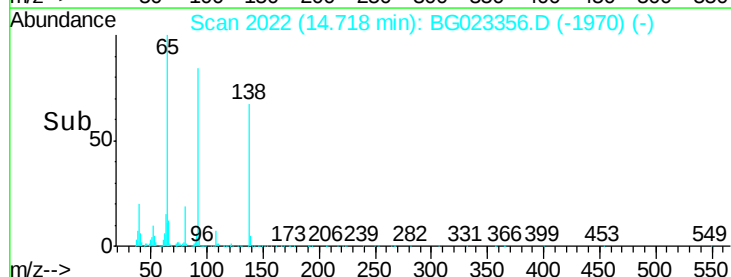
Ion	Ratio	Lower	Upper
138	100		
108	10.1	11.7	17.5#
92	126.0	129.7	194.5#

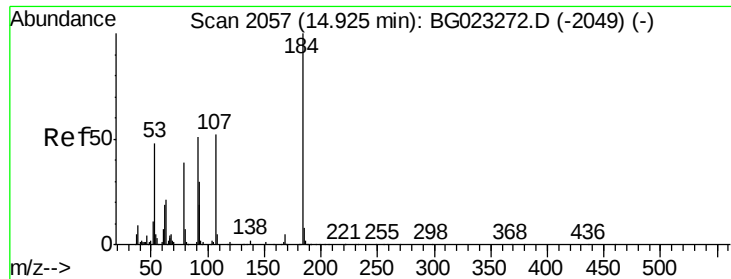


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGO

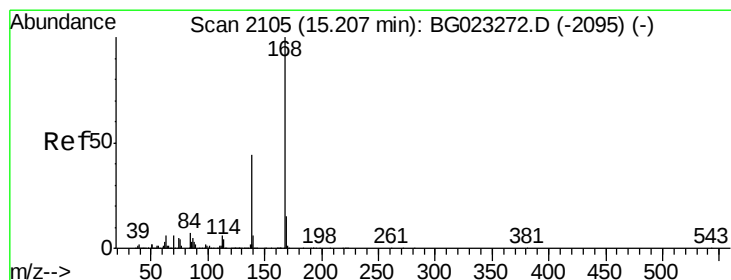
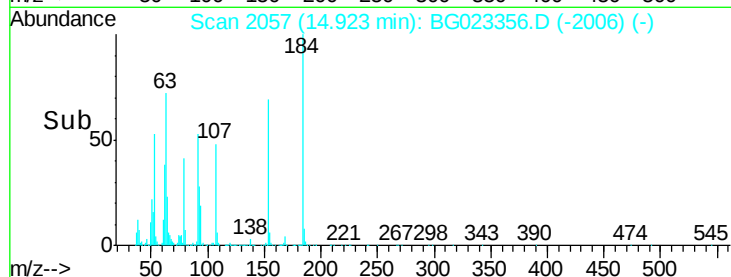
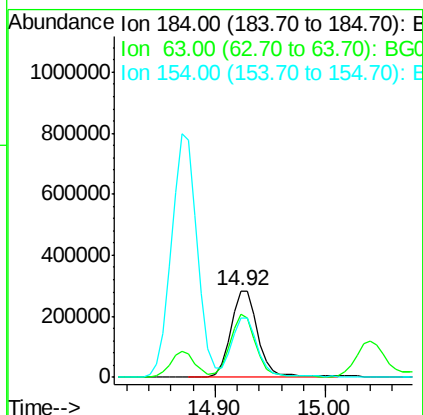
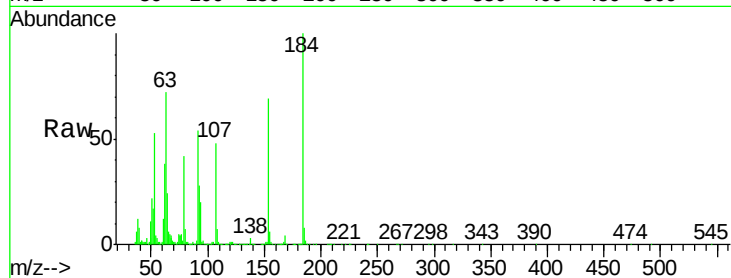




#53
2,4-Dinitrophenol
Concen: 98.65 ng
RT: 14.92 min Scan# 2057
Delta R.T. -0.00 min
Lab File: BG023356.D
Acq: 30 Jul 2016 14:05

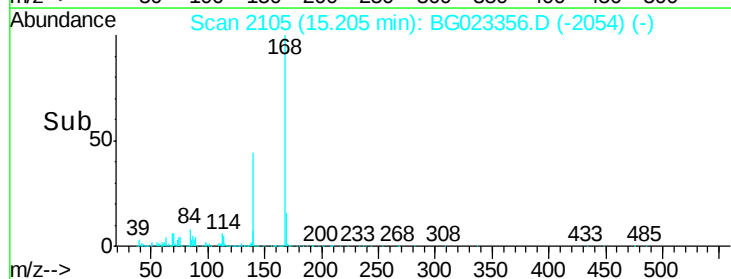
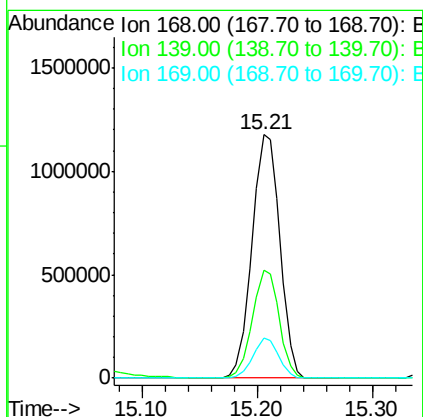
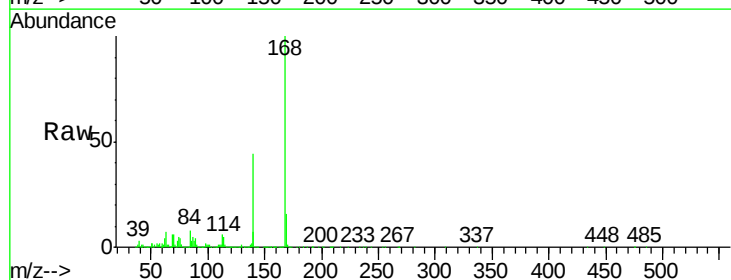
Instrument :
BNA_G
ClientSampleId :

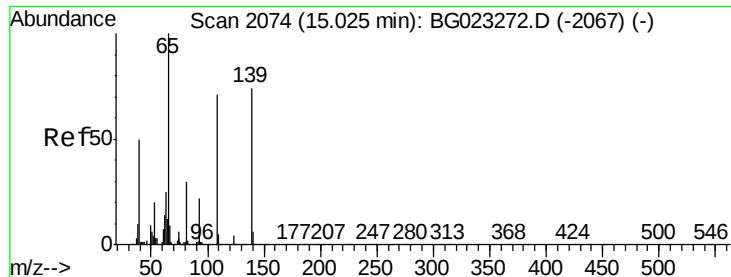
Tot Ion:184 Resp: 493720
Ion Ratio Lower Upper
184 100
63 72.2 59.6 89.4
154 68.7 67.4 101.0



#54
Dibenzofuran
Concen: 50.88 ng
RT: 15.21 min Scan# 2105
Delta R.T. -0.00 min
Lab File: BG023356.D
Acq: 30 Jul 2016 14:05

Tgt Ion:168 Resp: 1976376
Ion Ratio Lower Upper
168 100
139 44.4 36.4 54.6
169 16.4 11.9 17.9

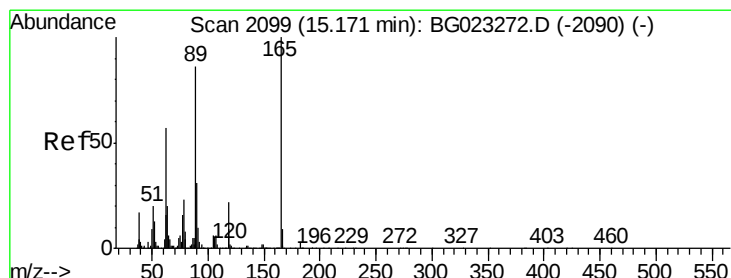
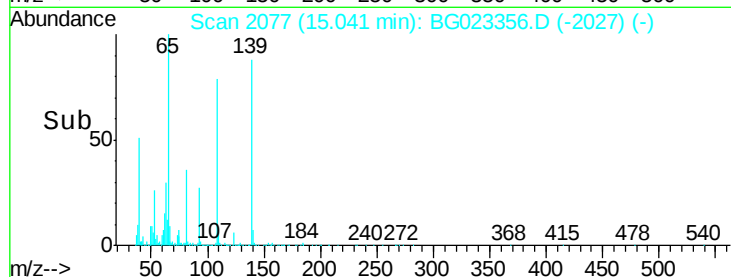
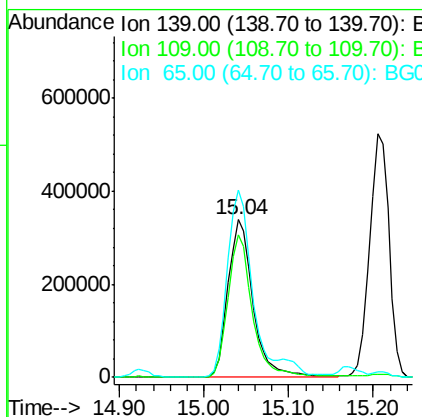
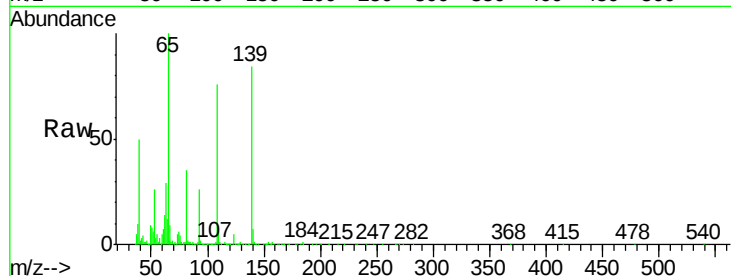




#55
4-Nitrophenol
Concen: 92.95 ng
RT: 15.04 min Scan# 2077
Delta R.T. -0.01 min
Lab File: BG023356.D
Acq: 30 Jul 2016 14:05

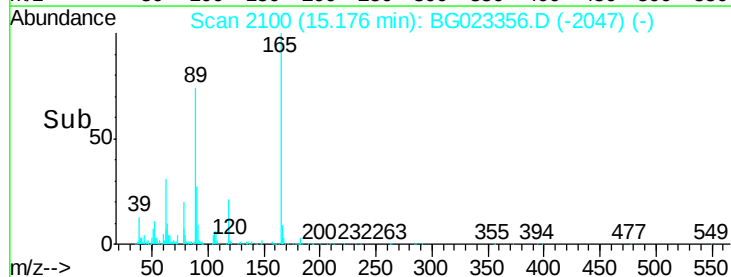
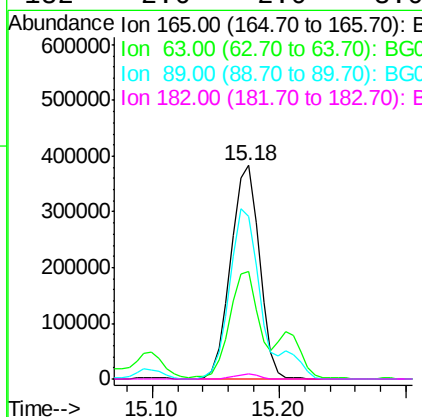
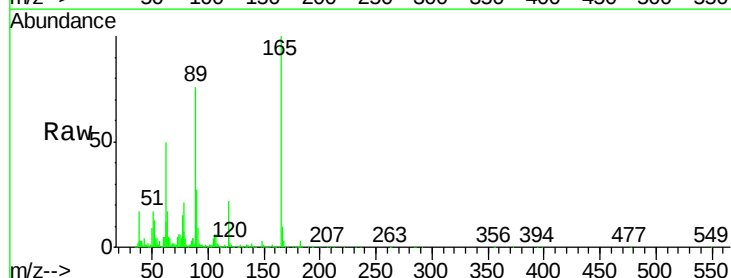
Instrument :
BNA_G
ClientSampleId :

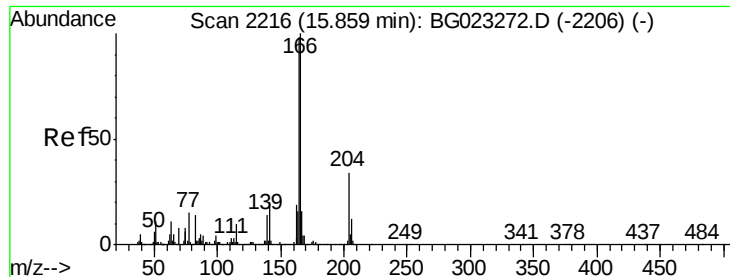
Tot Ion:139 Resp: 694124
Ion Ratio Lower Upper
139 100
109 90.2 103.0 143.0#
65 118.6 112.7 152.7



#56
2,4-Dinitrotoluene
Concen: 49.65 ng
RT: 15.18 min Scan# 2100
Delta R.T. 0.01 min
Lab File: BG023356.D
Acq: 30 Jul 2016 14:05

Tgt Ion:165 Resp: 597620
Ion Ratio Lower Upper
165 100
63 50.1 45.8 68.6
89 76.4 68.6 102.8
182 2.6 2.0 3.0

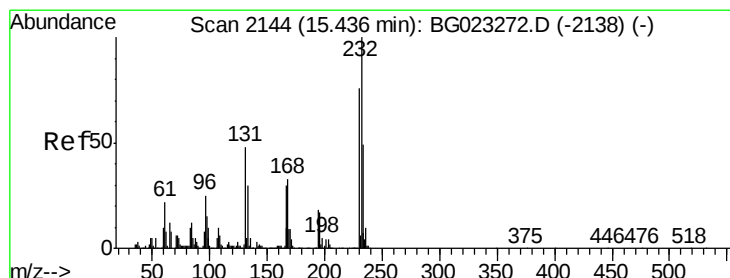
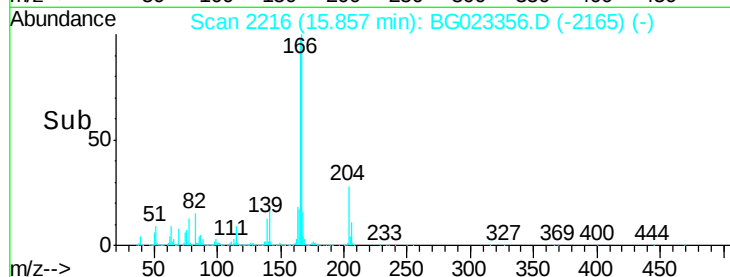
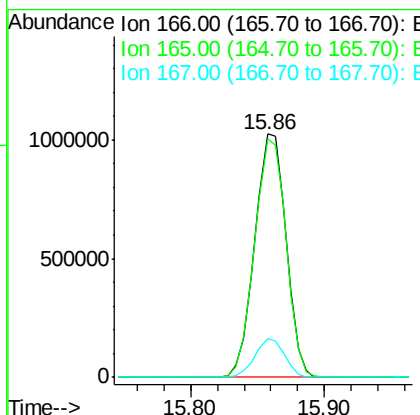
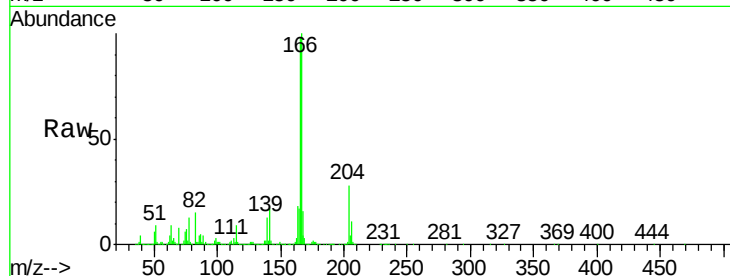




#57
Fluorene
 Concen: 48.18 ng
 RT: 15.86 min Scan# 2216
 Delta R.T. -0.00 min
 Lab File: BG023356.D
 Acq: 30 Jul 2016 14:05

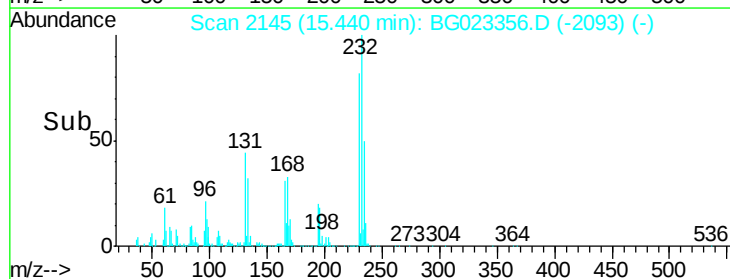
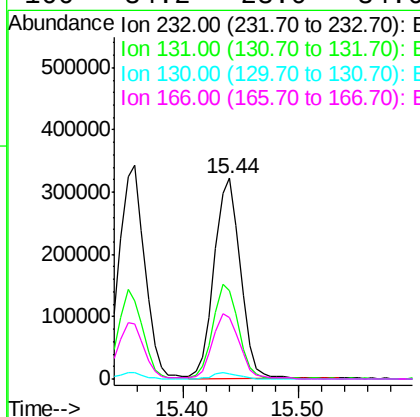
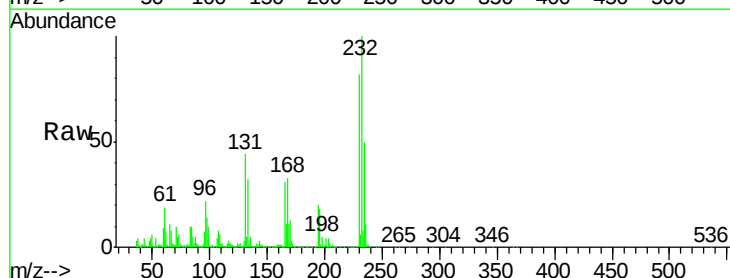
Instrument :
 BNA_G
 ClientSampleId :

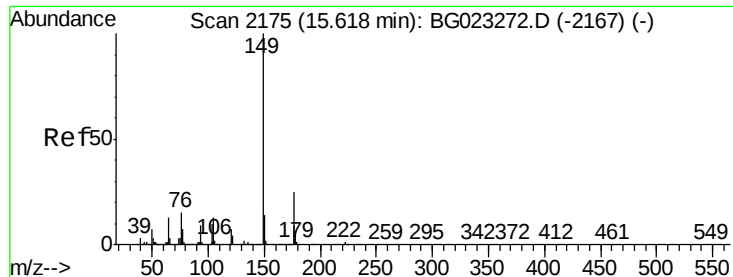
Tot Ion:166 Resp: 1652472
 Ion Ratio Lower Upper
 166 100
 165 98.1 81.0 121.6
 167 15.9 12.0 18.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 60.23 ng
 RT: 15.44 min Scan# 2145
 Delta R.T. 0.00 min
 Lab File: BG023356.D
 Acq: 30 Jul 2016 14:05

Tgt Ion:232 Resp: 508760
 Ion Ratio Lower Upper
 232 100
 131 46.7 32.7 49.1
 130 3.1 2.6 3.8
 166 34.2 23.0 34.6

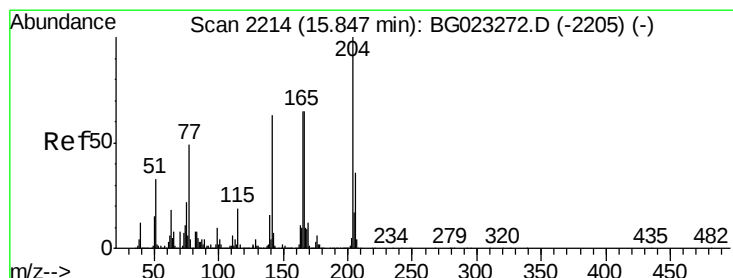
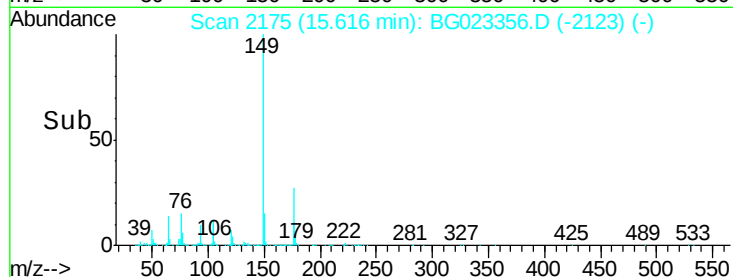
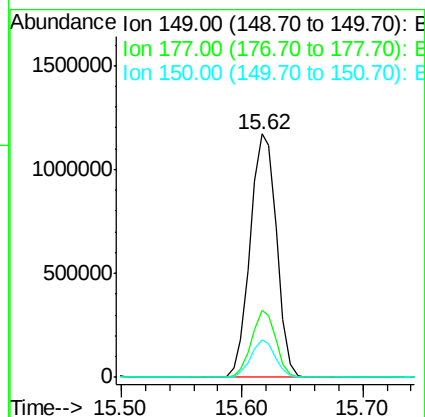
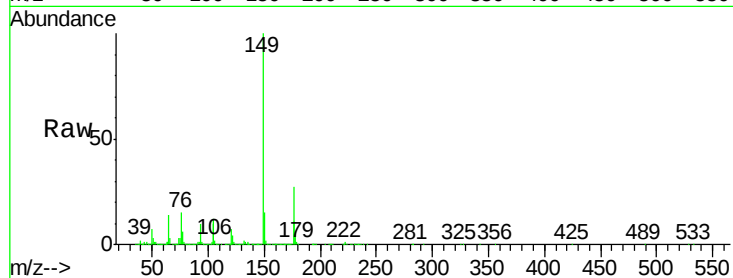




#59
Diethylphthalate
Concen: 47.64 ng
RT: 15.62 min Scan# 2175
Delta R.T. 0.00 min
Lab File: BG023356.D
Acq: 30 Jul 2016 14:05

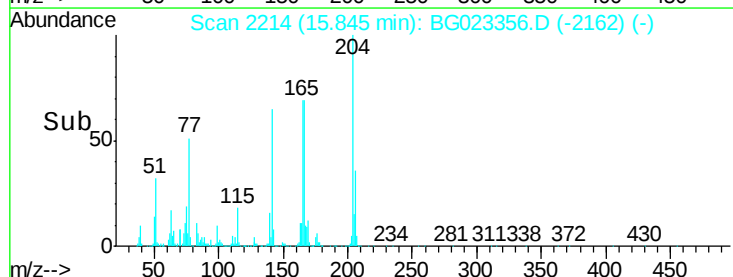
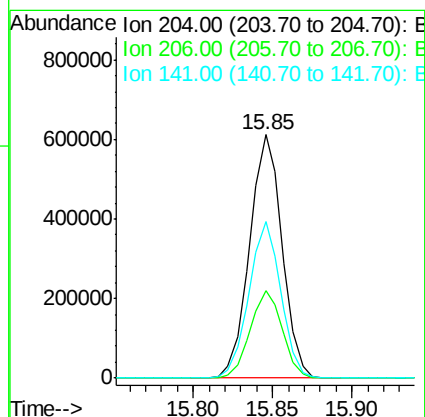
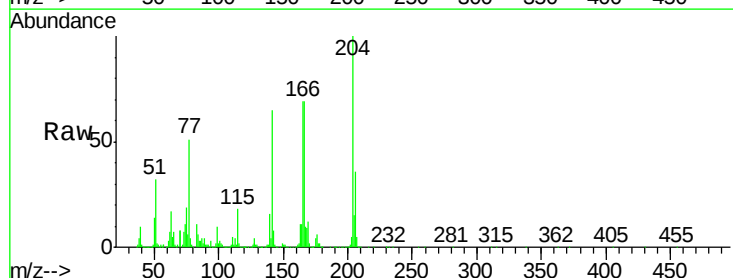
Instrument :
BNA_G
ClientSampleId :

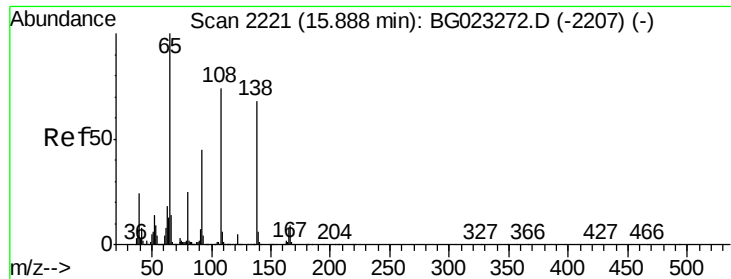
Tot Ion:149 Resp: 1781236
Ion Ratio Lower Upper
149 100
177 27.3 19.2 28.8
150 15.3 10.6 16.0



#60
4-Chlorophenyl-phenylether
Concen: 46.72 ng
RT: 15.85 min Scan# 2214
Delta R.T. 0.00 min
Lab File: BG023356.D
Acq: 30 Jul 2016 14:05

Tgt Ion:204 Resp: 867501
Ion Ratio Lower Upper
204 100
206 36.1 28.5 42.7
141 64.5 51.4 77.0

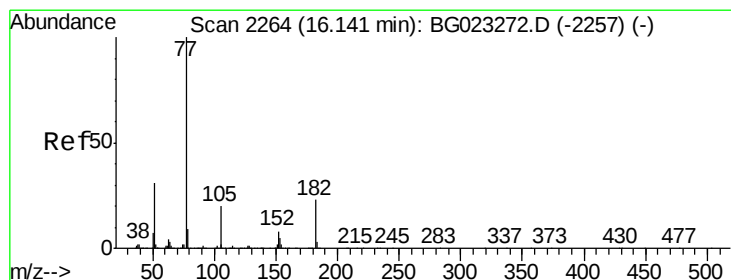
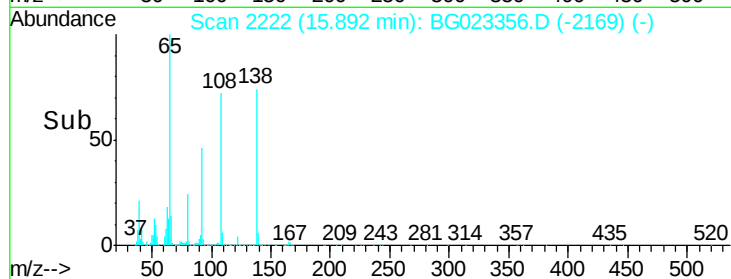
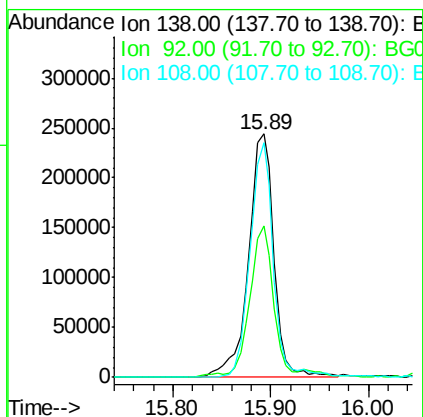
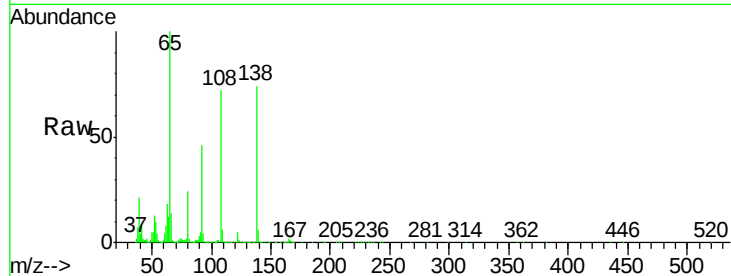




#61
4-Nitroaniline
Concen: 49.69 ng
RT: 15.89 min Scan# 2222
Delta R.T. 0.01 min
Lab File: BG023356.D
Acq: 30 Jul 2016 14:05

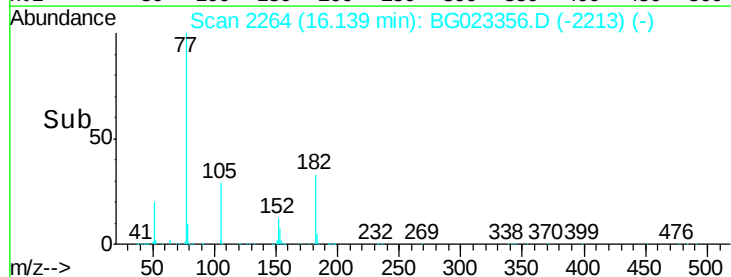
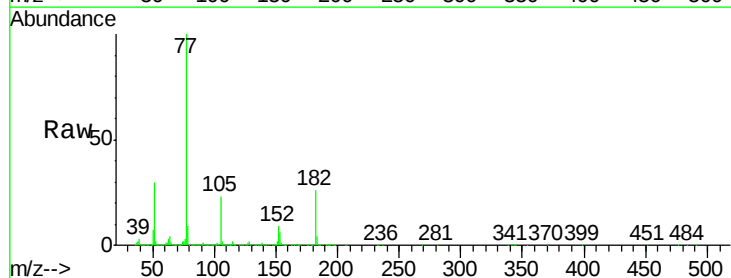
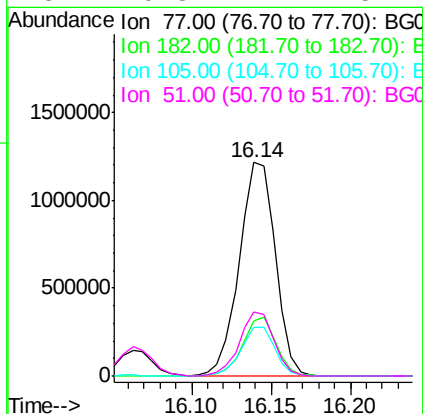
Instrument :
BNA_G
ClientSampleId :

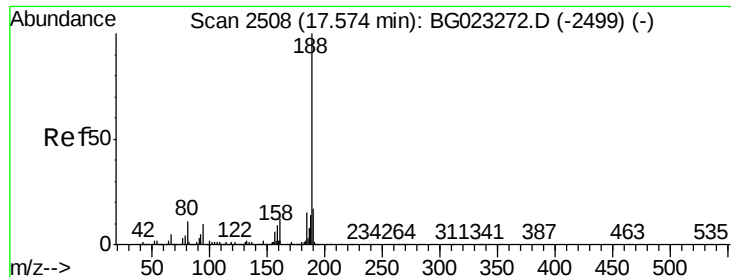
Tot Ion:138 Resp: 448598
Ion Ratio Lower Upper
138 100
92 62.2 54.1 94.1
108 96.6 133.9 173.9#



#62
Azobenzene
Concen: 49.42 ng
RT: 16.14 min Scan# 2264
Delta R.T. -0.00 min
Lab File: BG023356.D
Acq: 30 Jul 2016 14:05

Tgt Ion: 77 Resp: 1915666
Ion Ratio Lower Upper
77 100
182 25.6 3.5 43.5
105 22.7 0.0 38.5
51 29.8 17.1 57.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.57 min Scan# 2508

Delta R.T. 0.00 min

Lab File: BG023356.D

Acq: 30 Jul 2016 14:05

Instrument :

BNA_G

ClientSampleId :

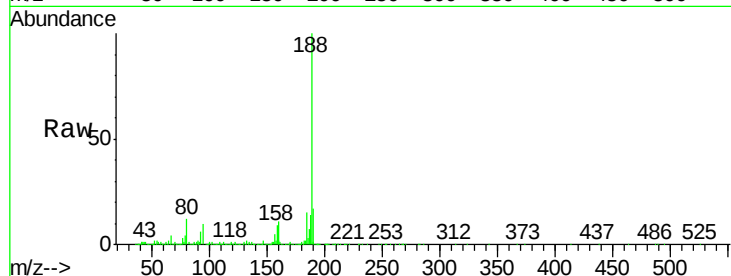
Tot Ion:188 Resp: 1118338

Ion Ratio Lower Upper

188 100

94 9.9 5.2 7.8#

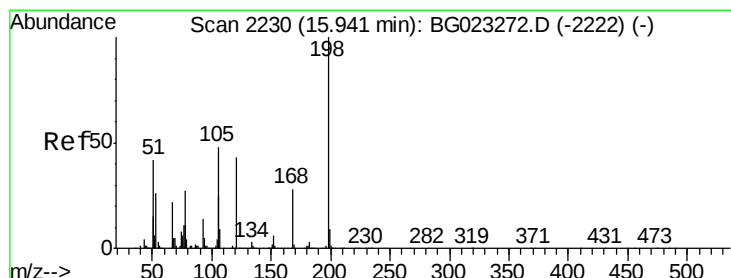
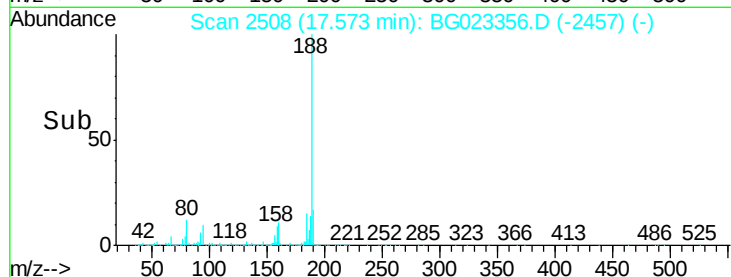
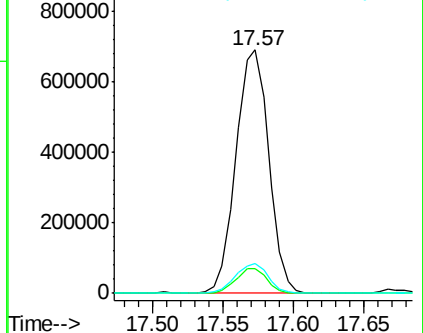
80 12.2 7.2 10.8#



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: 51.43 ng

RT: 15.94 min Scan# 2230

Delta R.T. 0.00 min

Lab File: BG023356.D

Acq: 30 Jul 2016 14:05

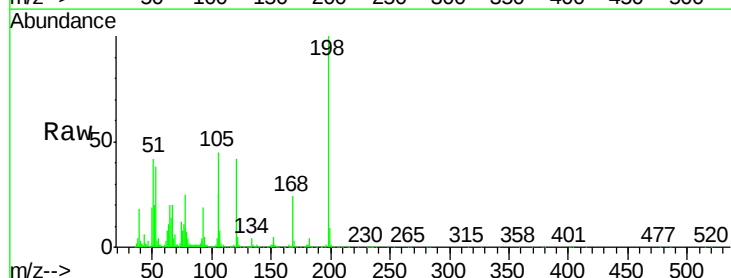
Tgt Ion:198 Resp: 369423

Ion Ratio Lower Upper

198 100

51 42.1 26.0 66.0

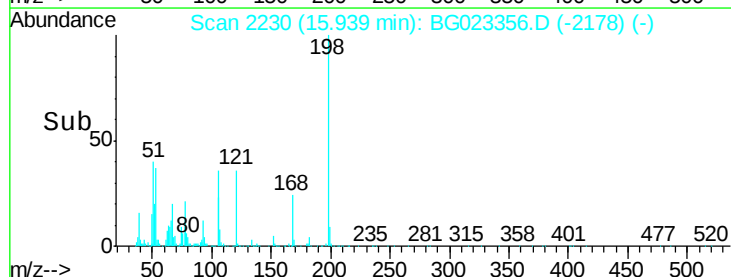
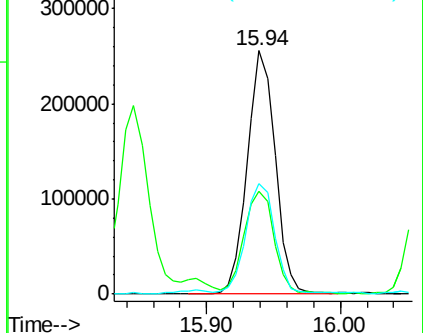
105 45.3 20.1 60.1

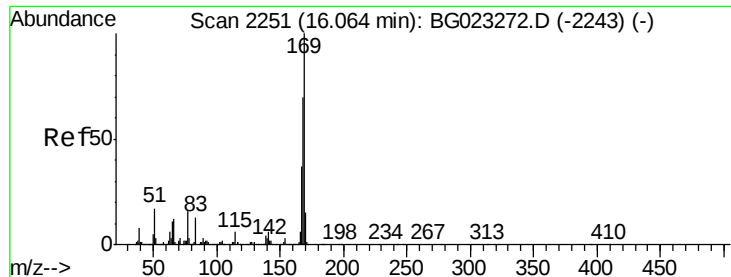


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 52.14 ng

RT: 16.06 min Scan# 2251

Delta R.T. 0.00 min

Lab File: BG023356.D

Acq: 30 Jul 2016 14:05

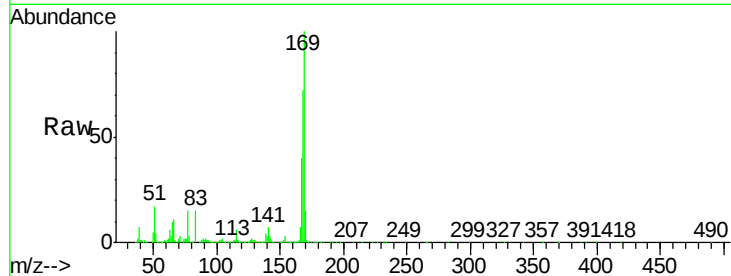
Instrument :

BNA_G

ClientSampleId :

Tot Ion:169 Resp: 1556727

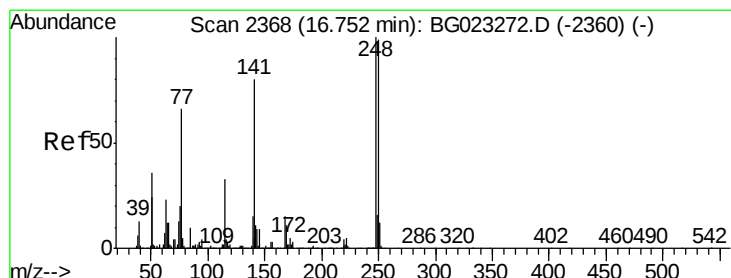
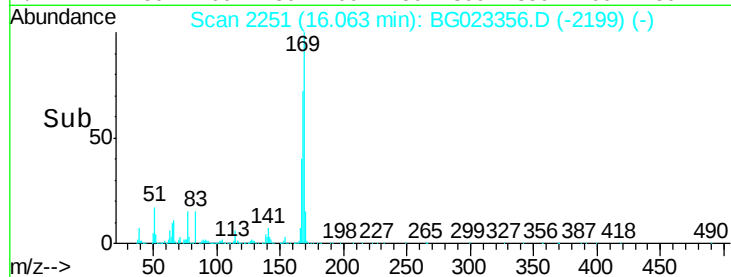
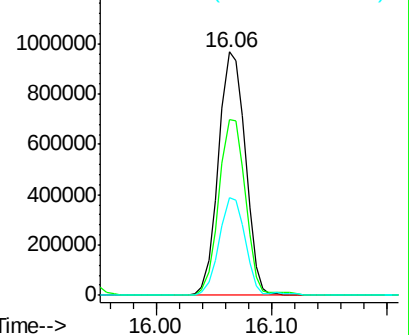
Ion	Ratio	Lower	Upper
169	100		
168	72.3	55.0	82.4
167	40.1	27.4	41.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 53.79 ng

RT: 16.74 min Scan# 2367

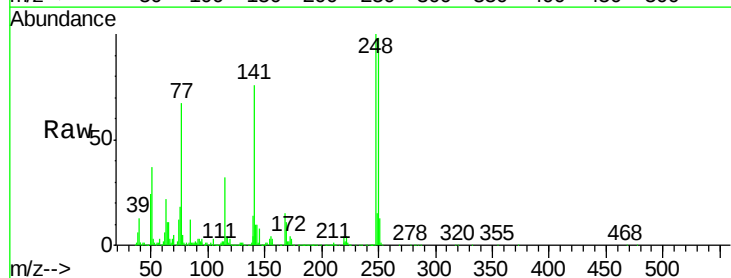
Delta R.T. -0.00 min

Lab File: BG023356.D

Acq: 30 Jul 2016 14:05

Tgt Ion:248 Resp: 608248

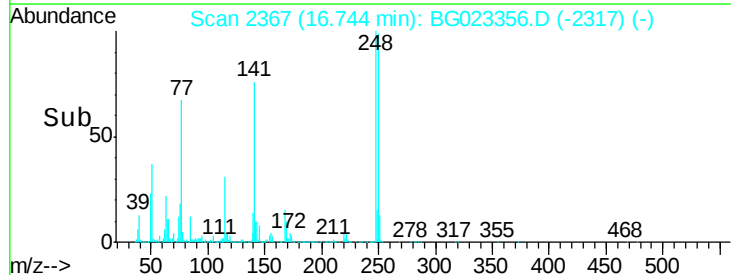
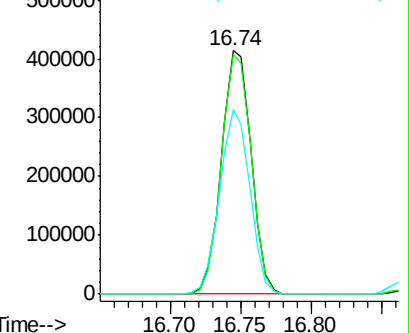
Ion	Ratio	Lower	Upper
248	100		
250	98.5	77.8	116.8
141	75.9	65.7	98.5

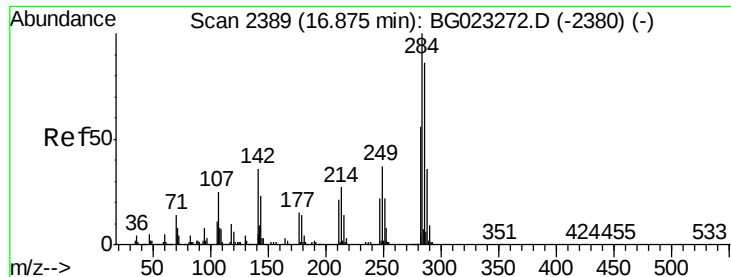


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 55.63 ng

RT: 16.87 min Scan# 2388

Delta R.T. -0.00 min

Lab File: BG023356.D

Acq: 30 Jul 2016 14:05

Instrument :

BNA_G

ClientSampled :

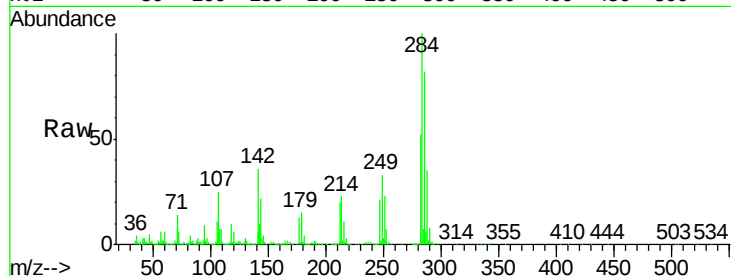
Tot Ion:284 Resp: 632453

Ion Ratio Lower Upper

284 100

142 35.7 26.8 40.2

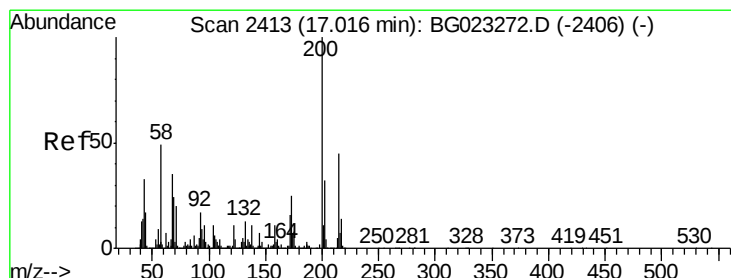
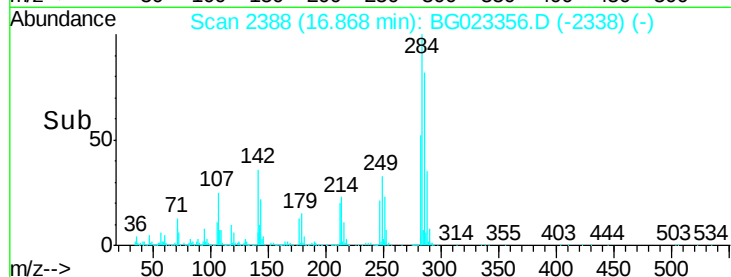
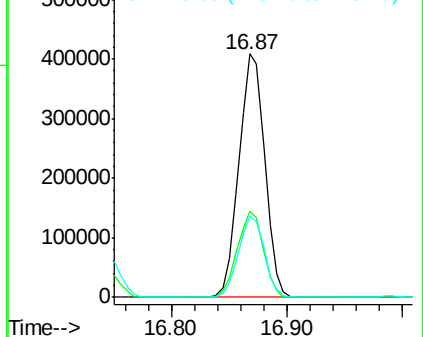
249 33.4 28.9 43.3



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: 48.09 ng

RT: 17.03 min Scan# 2415

Delta R.T. 0.01 min

Lab File: BG023356.D

Acq: 30 Jul 2016 14:05

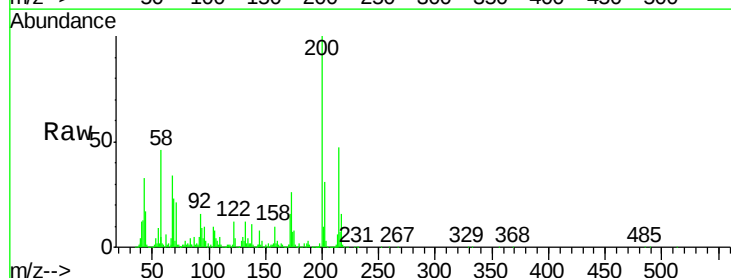
Tgt Ion:200 Resp: 550746

Ion Ratio Lower Upper

200 100

173 25.8 1.6 41.6

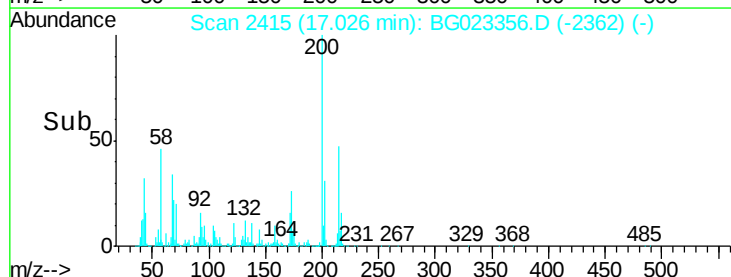
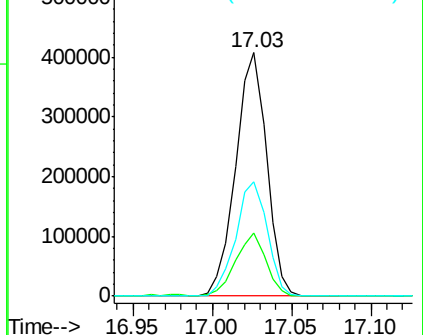
215 47.1 28.7 68.7

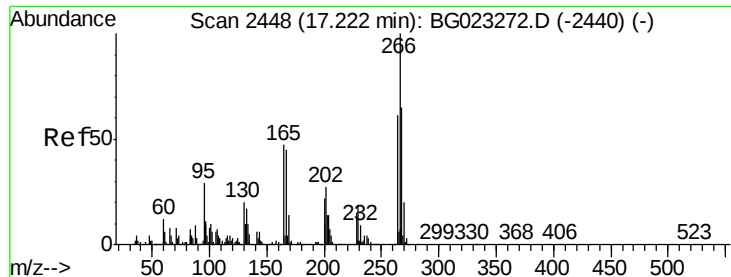


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

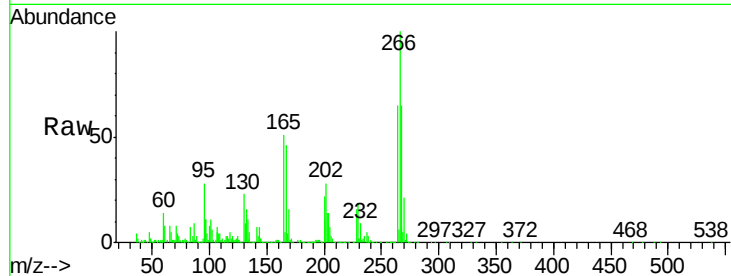




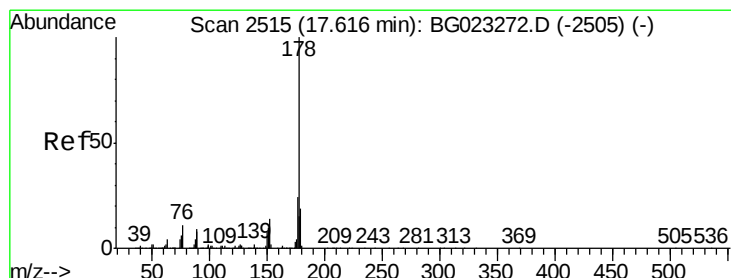
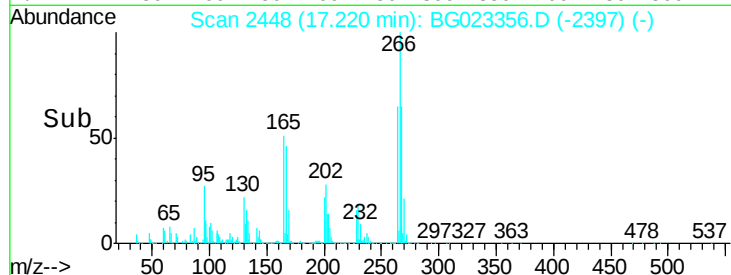
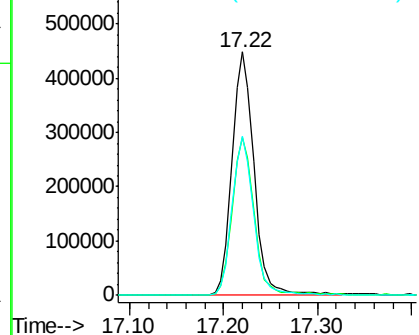
#69
 Pentachlorophenol
 Concen: 104.19 ng
 RT: 17.22 min Scan# 2448
 Delta R.T. -0.00 min
 Lab File: BG023356.D
 Acq: 30 Jul 2016 14:05

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.7	51.9	77.9
264	65.3	50.6	75.8

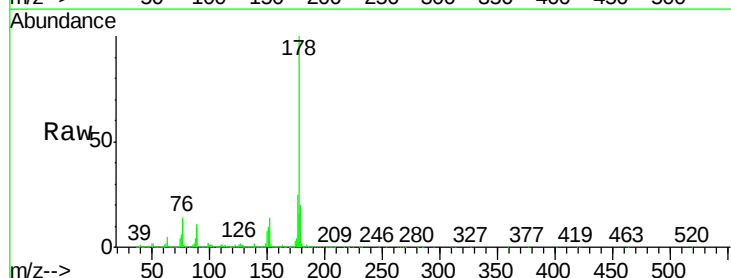


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

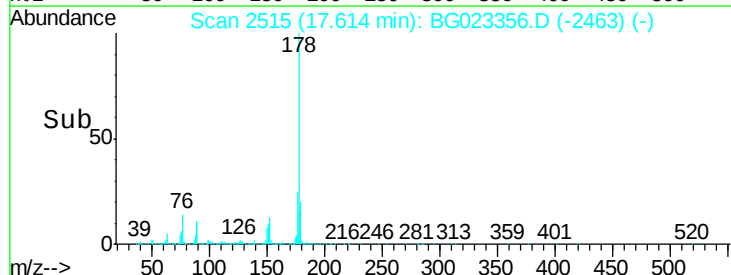
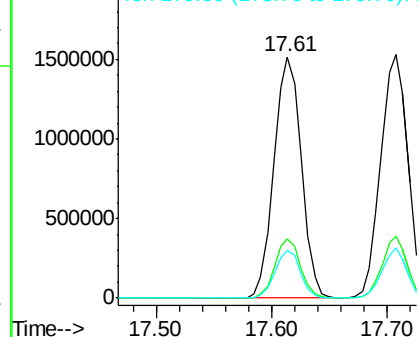


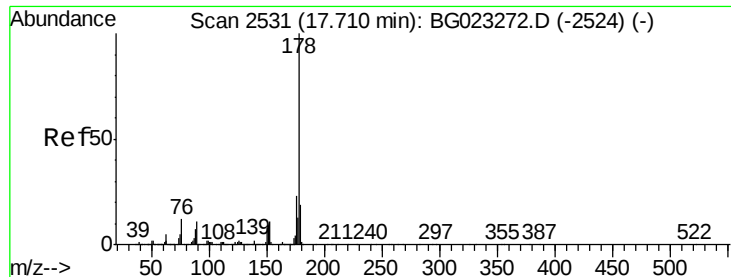
#70
 Phenanthrene
 Concen: 51.00 ng
 RT: 17.61 min Scan# 2515
 Delta R.T. 0.00 min
 Lab File: BG023356.D
 Acq: 30 Jul 2016 14:05

Tgt Ion	Ratio	Lower	Upper
178	100		
176	24.7	16.8	25.2
179	19.9	14.3	21.5



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 50.86 ng

RT: 17.71 min Scan# 2531

Delta R.T. 0.00 min

Lab File: BG023356.D

Acq: 30 Jul 2016 14:05

Instrument :

BNA_G

ClientSampleId :

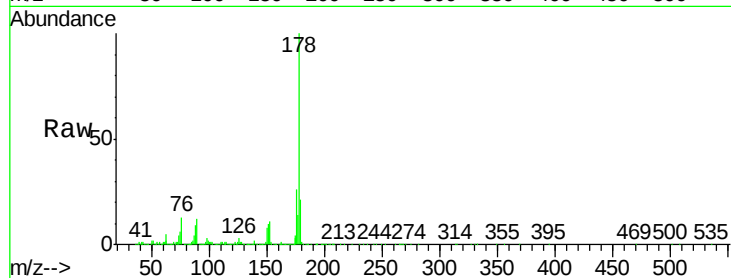
Tot Ion:178 Resp: 2513783

Ion Ratio Lower Upper

178 100

176 25.6 17.3 25.9

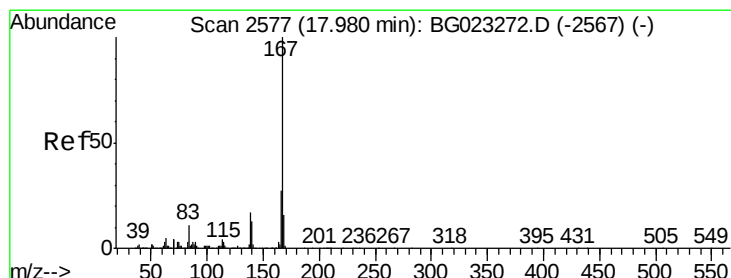
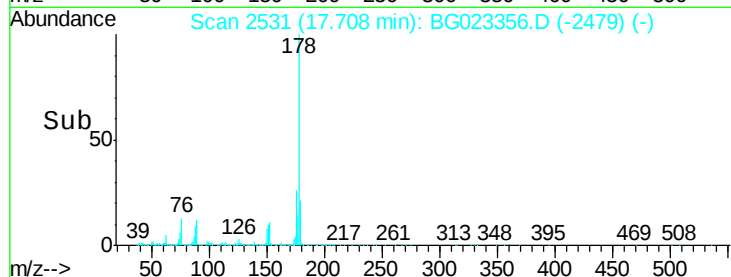
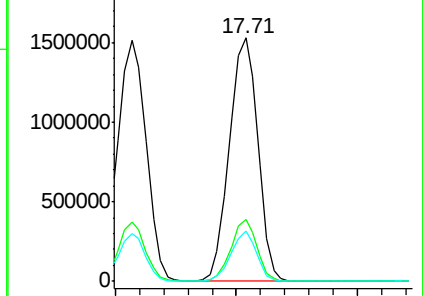
179 20.8 14.0 21.0



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: 50.74 ng

RT: 17.98 min Scan# 2578

Delta R.T. 0.00 min

Lab File: BG023356.D

Acq: 30 Jul 2016 14:05

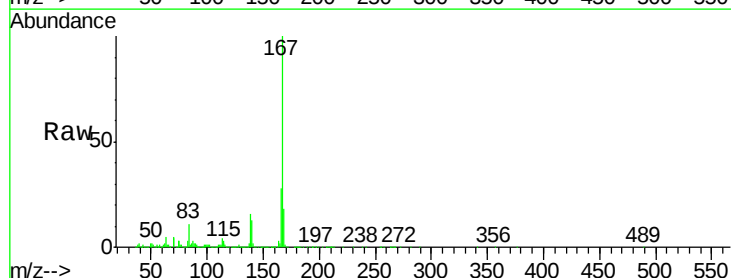
Tgt Ion:167 Resp: 2296665

Ion Ratio Lower Upper

167 100

166 28.1 20.7 31.1

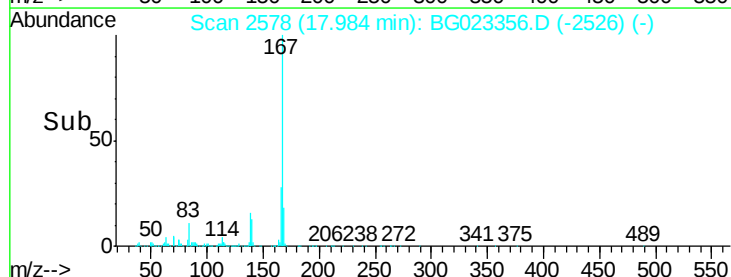
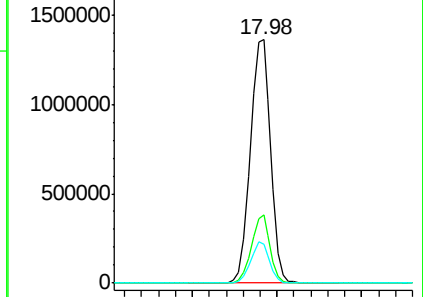
139 16.2 11.9 17.9

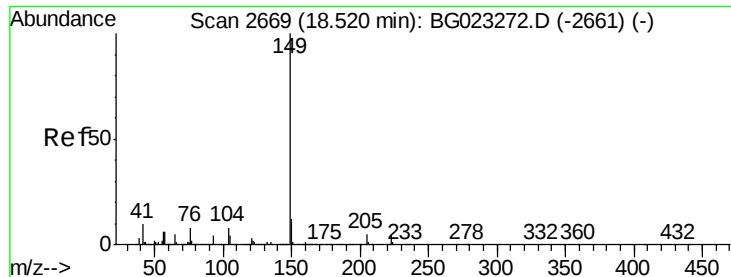


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 50.68 ng

RT: 18.52 min Scan# 2670

Delta R.T. 0.00 min

Lab File: BG023356.D

Acq: 30 Jul 2016 14:05

Instrument :

BNA_G

ClientSampleId :

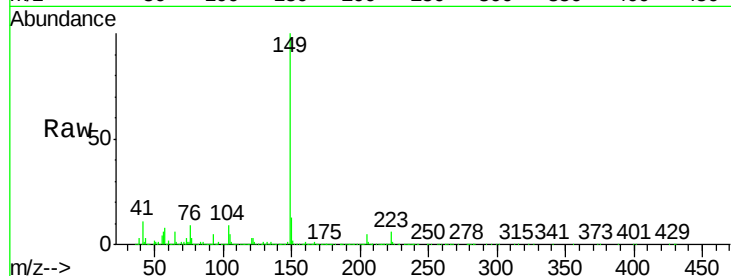
Tot Ion:149 Resp: 2559646

Ion Ratio Lower Upper

149 100

150 13.1 9.1 13.7

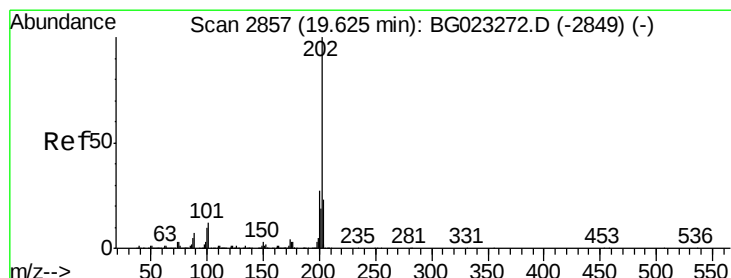
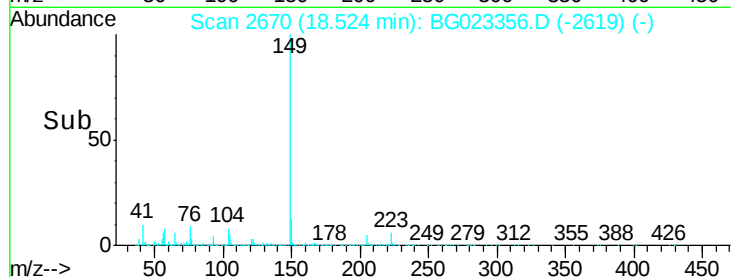
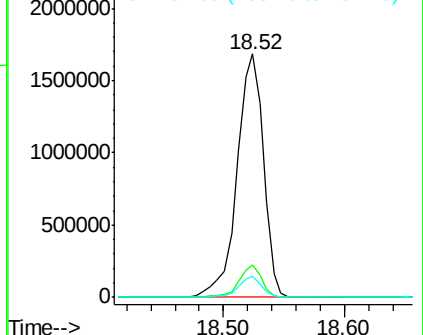
104 8.5 6.9 10.3



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: 45.35 ng

RT: 19.62 min Scan# 2857

Delta R.T. -0.00 min

Lab File: BG023356.D

Acq: 30 Jul 2016 14:05

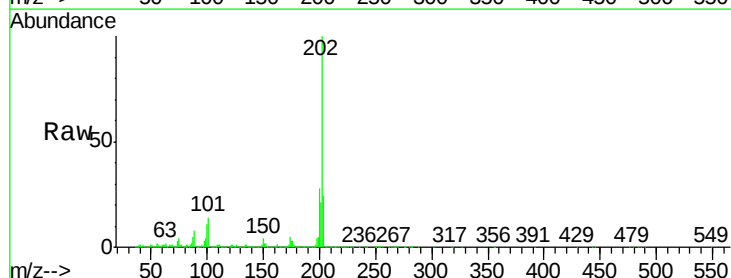
Tgt Ion:202 Resp: 2531490

Ion Ratio Lower Upper

202 100

101 14.0 0.0 27.4

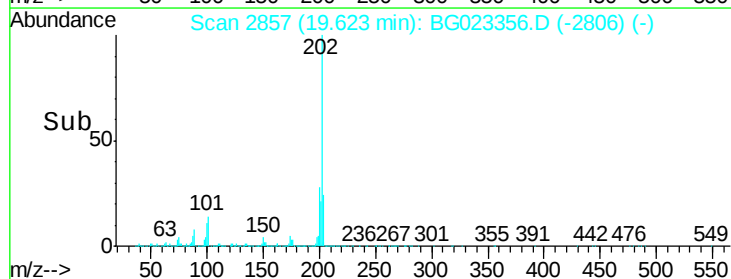
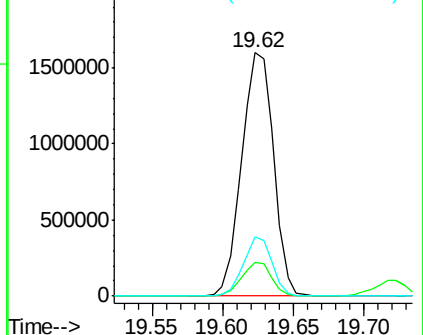
203 24.2 1.7 41.7

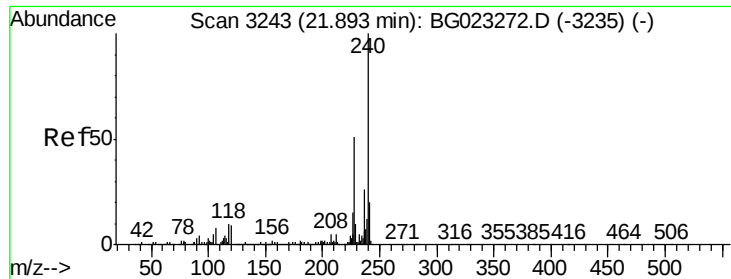


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.90 min Scan# 3244

Delta R.T. 0.01 min

Lab File: BG023356.D

Acq: 30 Jul 2016 14:05

Instrument :

BNA_G

ClientSampleId :

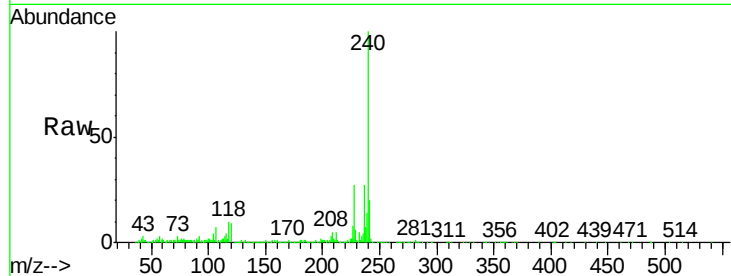
Tot Ion:240 Resp: 1091825

Ion Ratio Lower Upper

240 100

120 9.3 4.1 6.1#

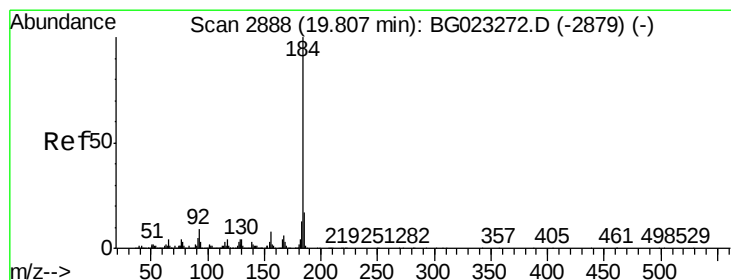
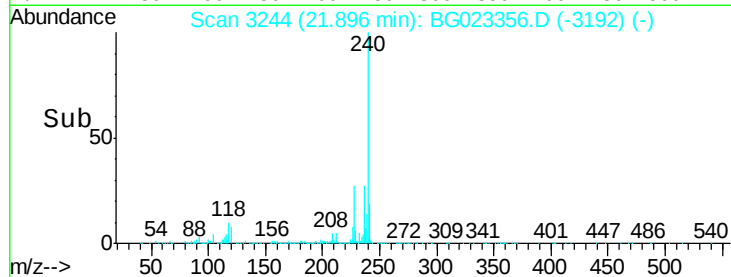
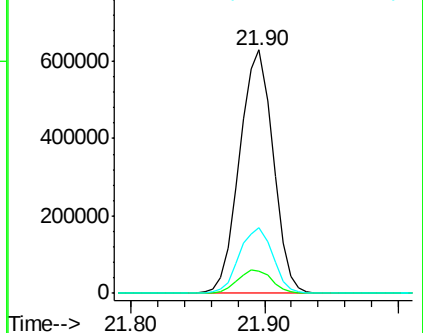
236 26.9 21.1 31.7



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: 32.46 ng

RT: 19.81 min Scan# 2889

Delta R.T. 0.00 min

Lab File: BG023356.D

Acq: 30 Jul 2016 14:05

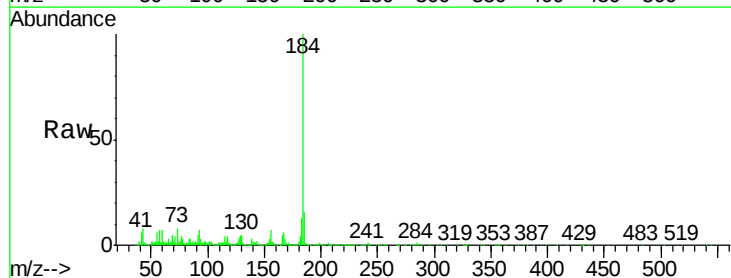
Tgt Ion:184 Resp: 996865

Ion Ratio Lower Upper

184 100

185 16.4 12.6 19.0

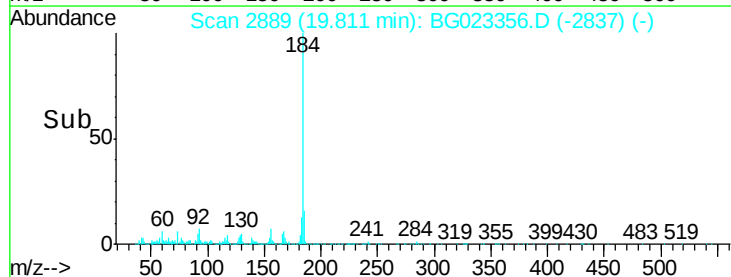
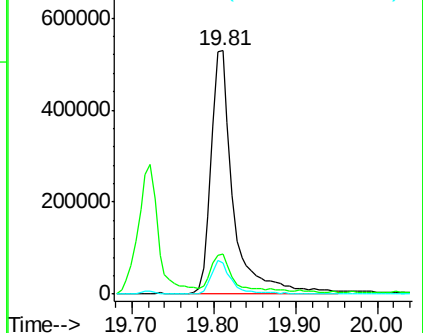
183 12.6 10.7 16.1

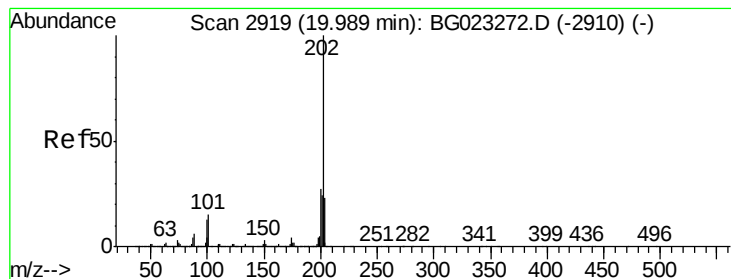


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 41.46 ng

RT: 19.99 min Scan# 2919

Delta R.T. -0.00 min

Lab File: BG023356.D

Acq: 30 Jul 2016 14:05

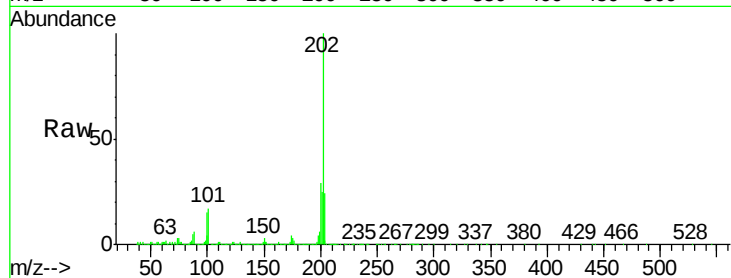
Instrument :

BNA_G

ClientSampleId :

Tot Ion:202 Resp: 2568860

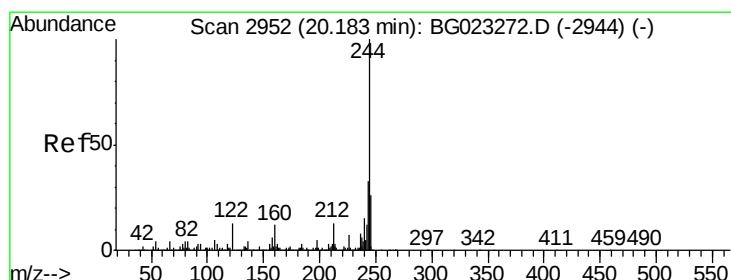
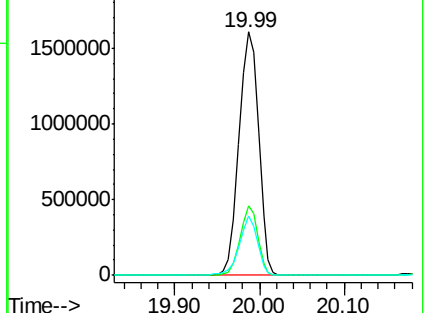
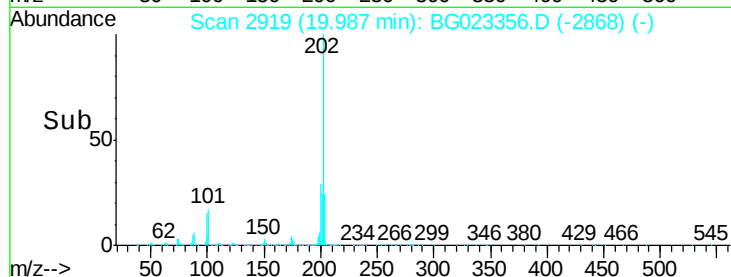
Ion	Ratio	Lower	Upper
202	100		
200	28.6	21.2	31.8
203	24.3	16.8	25.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 88.64 ng

RT: 20.18 min Scan# 2952

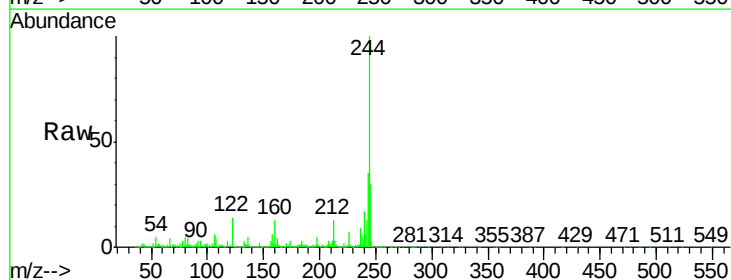
Delta R.T. 0.00 min

Lab File: BG023356.D

Acq: 30 Jul 2016 14:05

Tgt Ion:244 Resp: 2977139

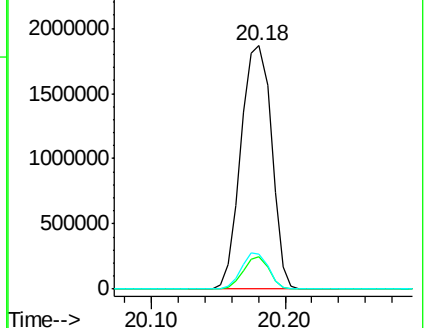
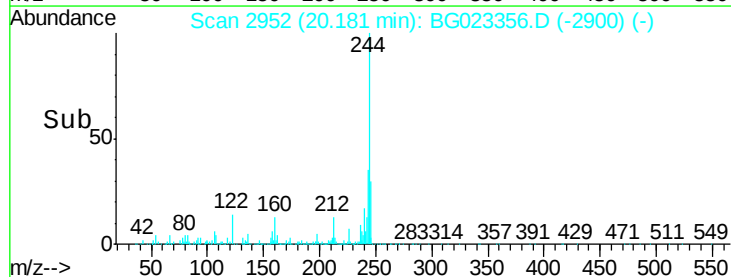
Ion	Ratio	Lower	Upper
244	100		
212	13.3	10.8	16.2
122	14.4	8.0	12.0

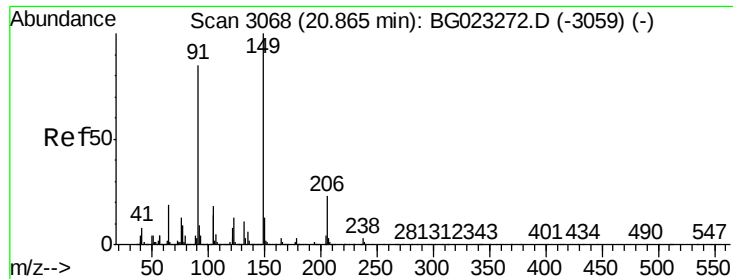


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

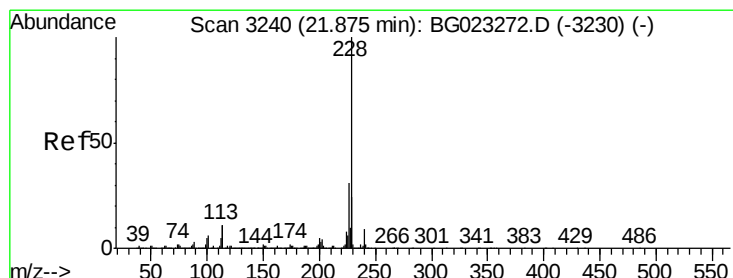
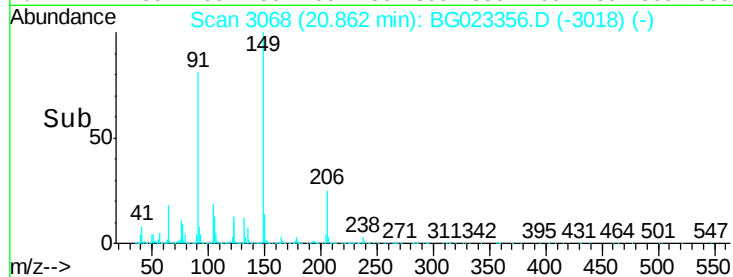
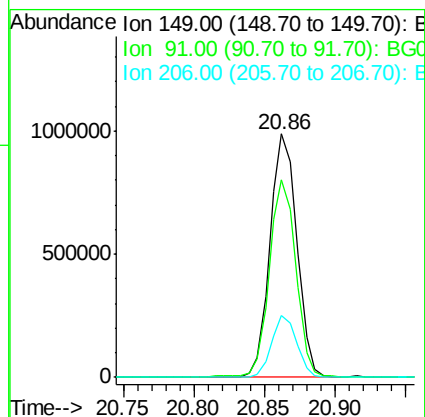
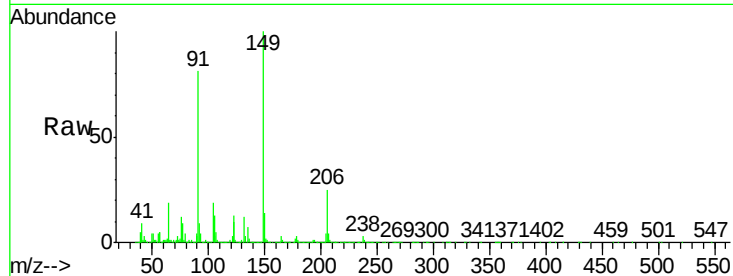




#79
Butylbenzylphthalate
Concen: 48.53 ng
RT: 20.86 min Scan# 3068
Delta R.T. -0.00 min
Lab File: BG023356.D
Acq: 30 Jul 2016 14:05

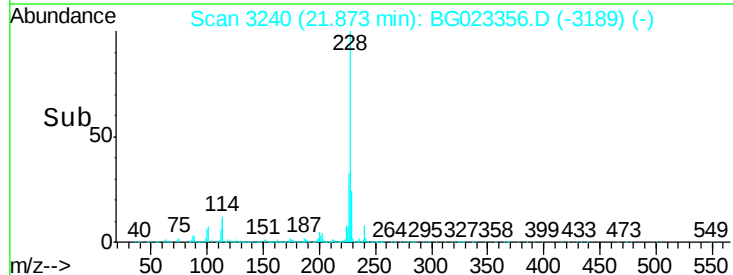
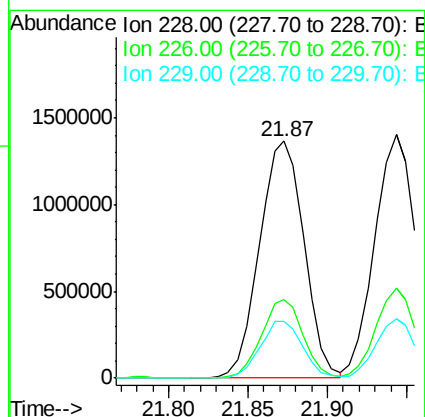
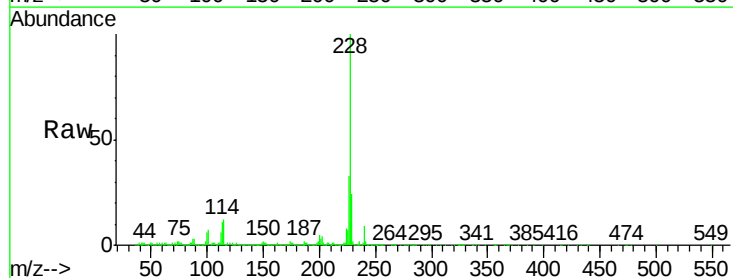
Instrument :
BNA_G
ClientSampleId :

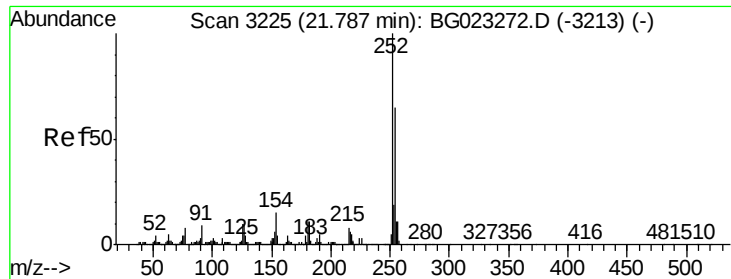
Tot Ion:149 Resp: 1322883
Ion Ratio Lower Upper
149 100
91 81.3 68.1 102.1
206 25.2 19.8 29.6



#80
Benzo(a)anthracene
Concen: 46.49 ng
RT: 21.87 min Scan# 3240
Delta R.T. 0.00 min
Lab File: BG023356.D
Acq: 30 Jul 2016 14:05

Tgt Ion:228 Resp: 2657686
Ion Ratio Lower Upper
228 100
226 33.2 25.3 37.9
229 24.1 19.9 29.9

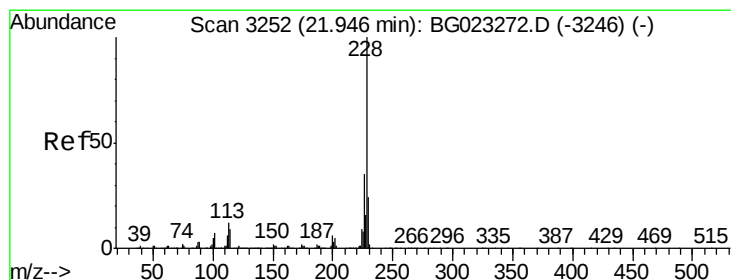
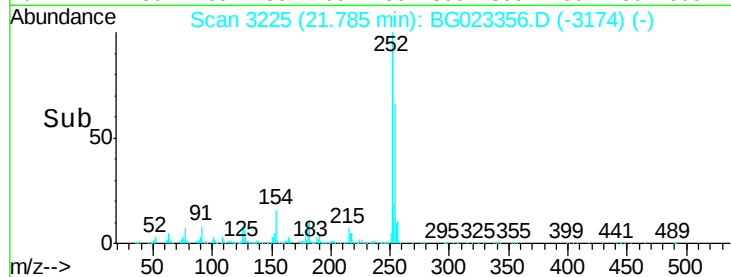
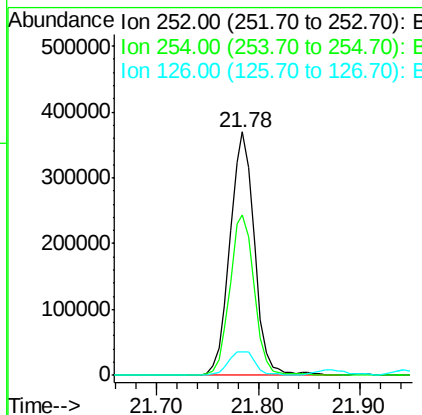
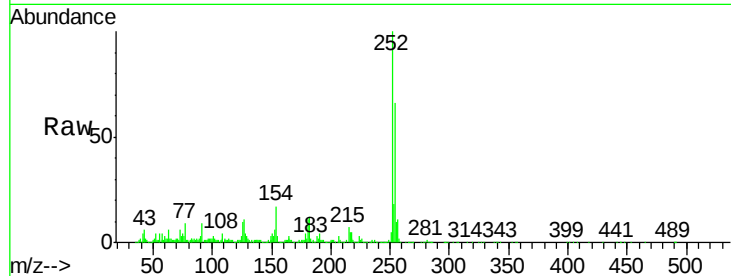




#81
 3,3'-Dichlorobenzidine
 Concen: 26.60 ng
 RT: 21.78 min Scan# 3225
 Delta R.T. 0.00 min
 Lab File: BG023356.D
 Acq: 30 Jul 2016 14:05

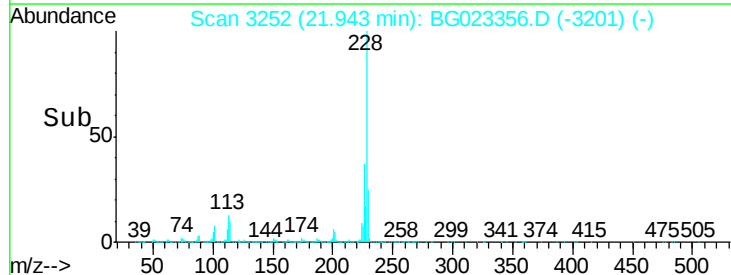
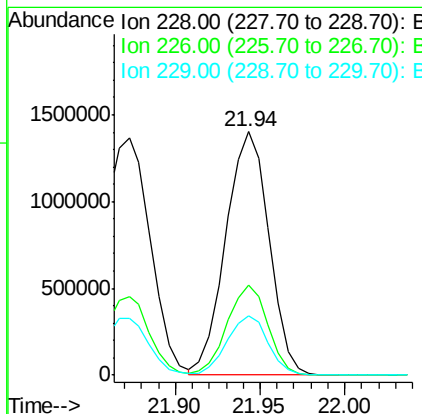
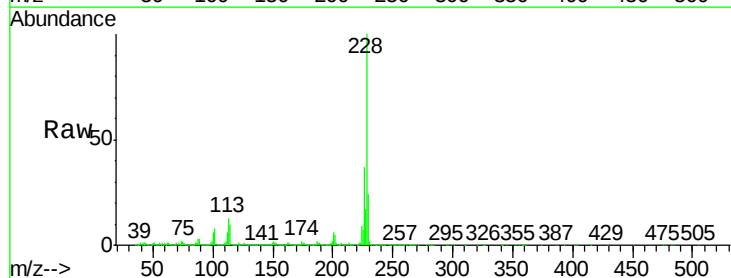
Instrument :
 BNA_G
 ClientSampleId :

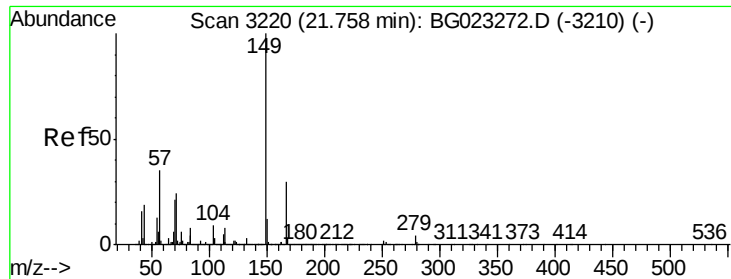
Tot Ion	Ratio	Lower	Upper
252	100		
254	66.0	51.2	76.8
126	9.6	5.3	7.9



#82
 Chrysene
 Concen: 45.01 ng
 RT: 21.94 min Scan# 3252
 Delta R.T. 0.00 min
 Lab File: BG023356.D
 Acq: 30 Jul 2016 14:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	37.2	26.7	40.1
229	24.5	17.4	26.2

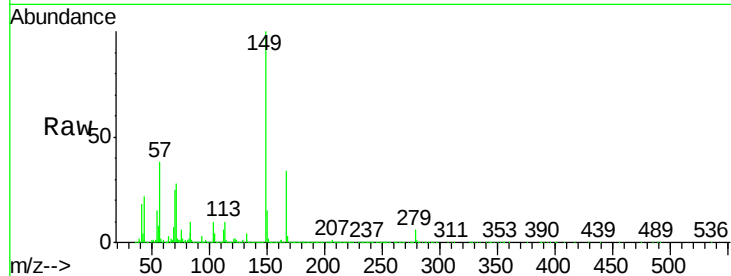




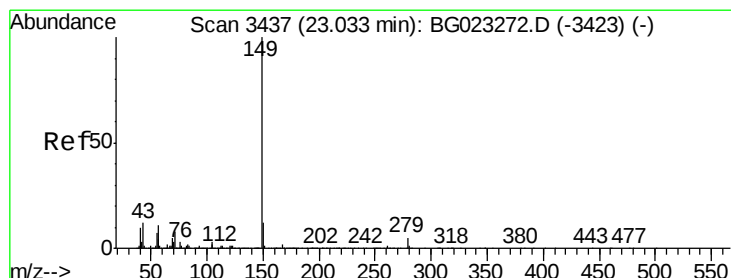
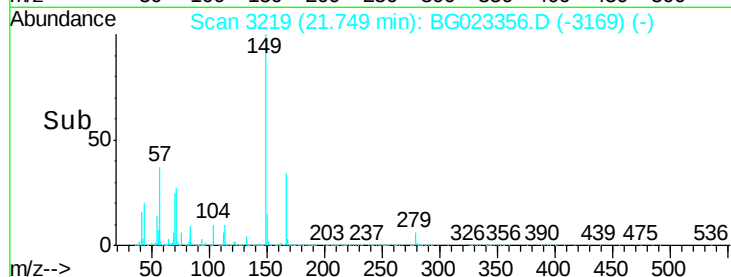
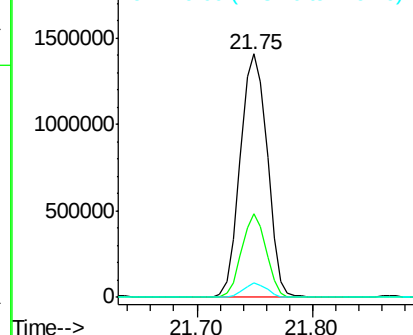
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 59.53 ng
 RT: 21.75 min Scan# 3219
 Delta R.T. -0.00 min
 Lab File: BG023356.D
 Acq: 30 Jul 2016 14:05

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:149 Resp: 2270753
 Ion Ratio Lower Upper
 149 100
 167 34.3 24.0 36.0
 279 5.8 4.8 7.2

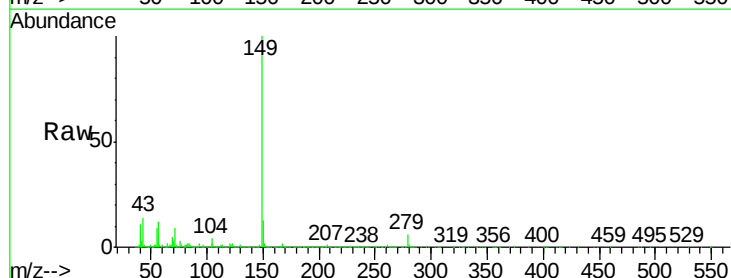


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

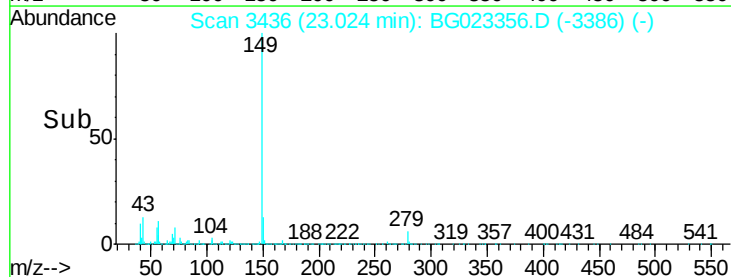
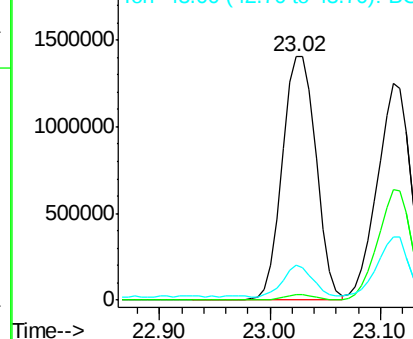


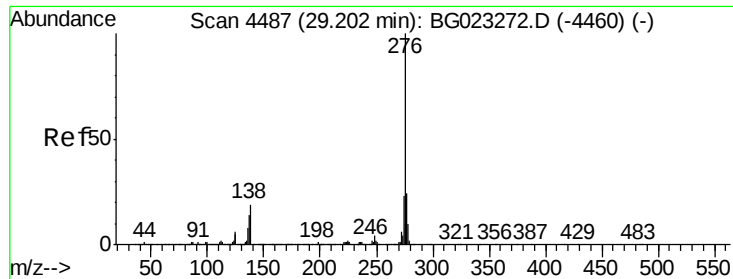
#84
 Di-n-octyl phthalate
 Concen: 47.24 ng
 RT: 23.02 min Scan# 3436
 Delta R.T. -0.00 min
 Lab File: BG023356.D
 Acq: 30 Jul 2016 14:05

Tgt Ion:149 Resp: 2947570
 Ion Ratio Lower Upper
 149 100
 167 2.0 1.5 2.3
 43 11.5 8.8 13.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BG0





#85

Indeno(1,2,3-cd)pyrene

Concen: 55.26 ng

RT: 29.19 min Scan# 4486

Delta R.T. 0.00 min

Lab File: BG023356.D

Acq: 30 Jul 2016 14:05

Instrument :

BNA_G

ClientSampleId :

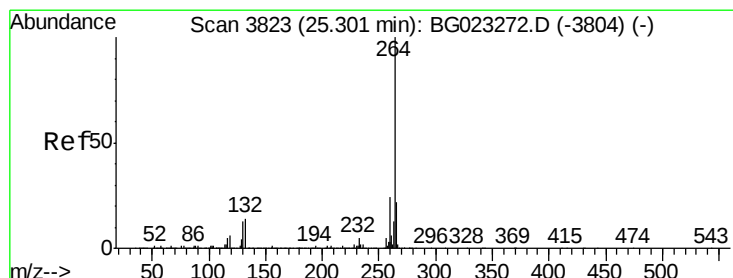
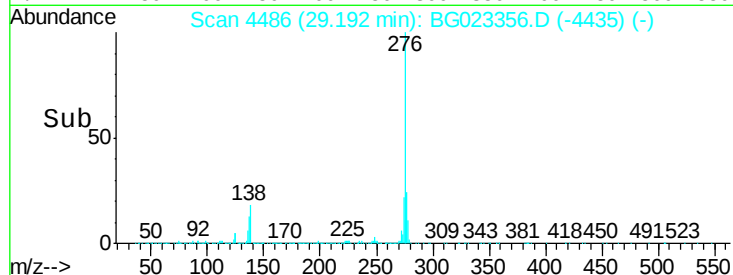
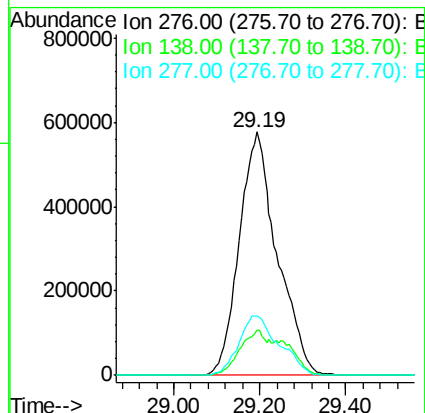
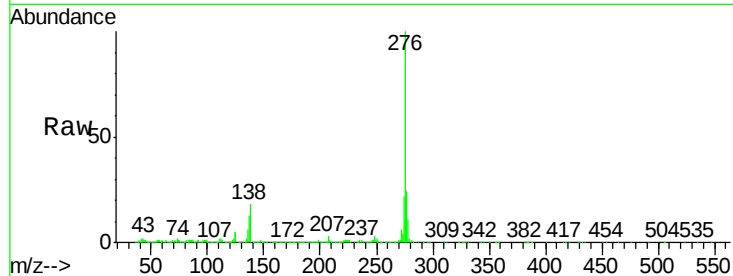
Tot Ion:276 Resp: 3559703

Ion Ratio Lower Upper

276 100

138 14.5 0.0 0.0#

277 26.0 0.0 0.0#



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.29 min Scan# 3822

Delta R.T. -0.01 min

Lab File: BG023356.D

Acq: 30 Jul 2016 14:05

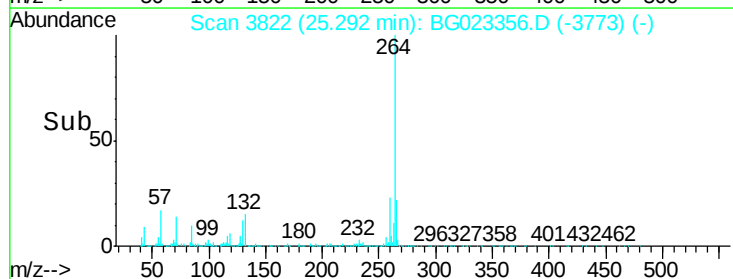
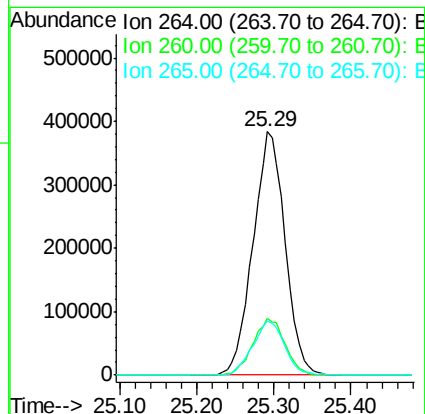
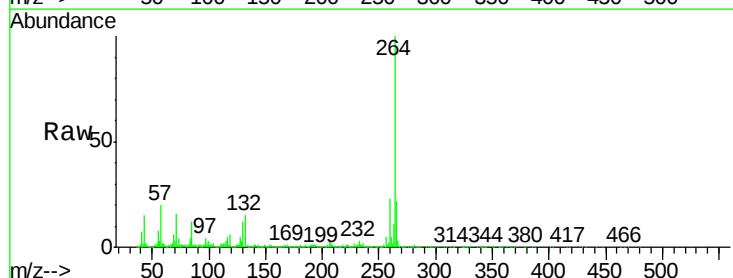
Tgt Ion:264 Resp: 1115979

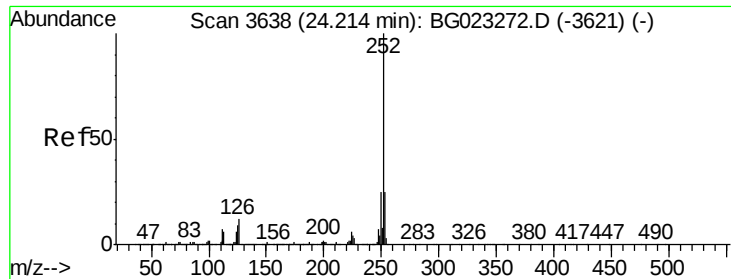
Ion Ratio Lower Upper

264 100

260 23.1 18.4 27.6

265 22.5 18.9 28.3





#87

Benzo(b)fluoranthene

Concen: 47.65 ng

RT: 24.21 min Scan# 3638

Delta R.T. 0.00 min

Lab File: BG023356.D

Acq: 30 Jul 2016 14:05

Instrument :

BNA_G

ClientSampleId :

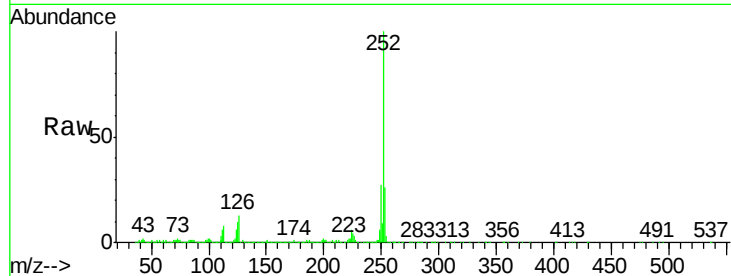
Tot Ion:252 Resp: 2824764

Ion Ratio Lower Upper

252 100

253 25.6 18.9 28.3

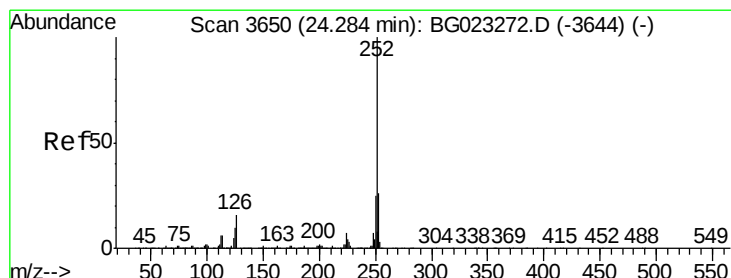
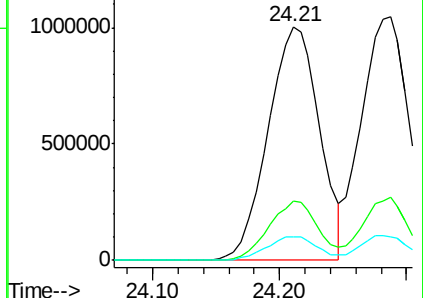
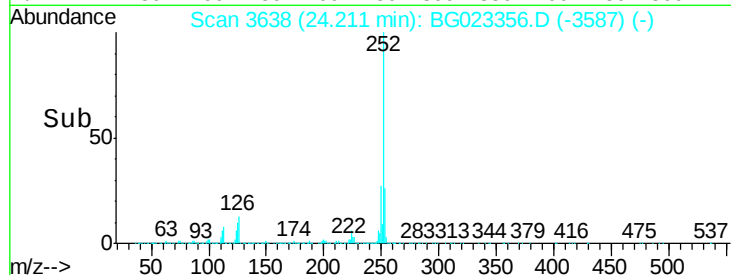
125 9.9 3.9 5.9#



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: 46.03 ng

RT: 24.29 min Scan# 3651

Delta R.T. 0.00 min

Lab File: BG023356.D

Acq: 30 Jul 2016 14:05

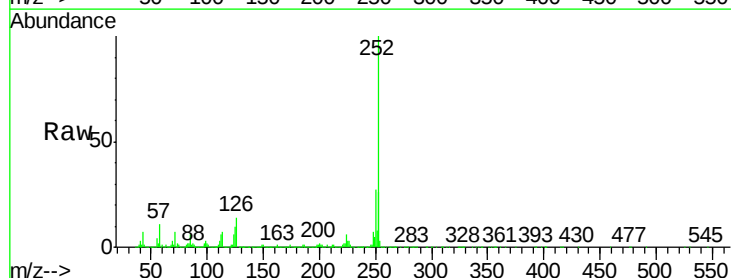
Tgt Ion:252 Resp: 2728224

Ion Ratio Lower Upper

252 100

253 25.7 18.8 28.2

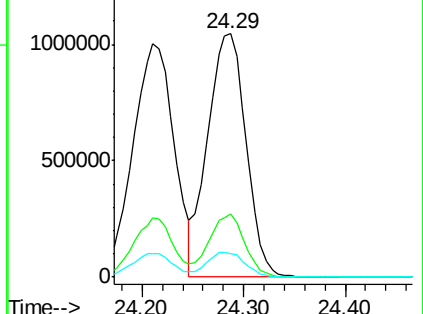
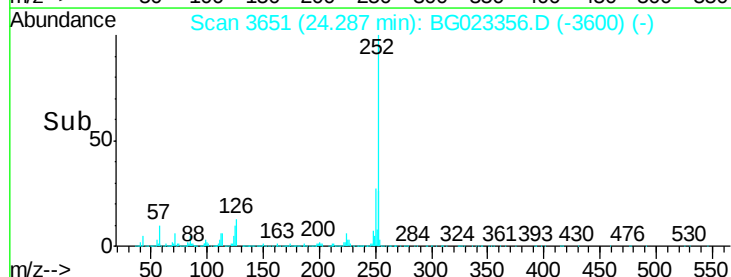
125 9.7 3.2 4.8#

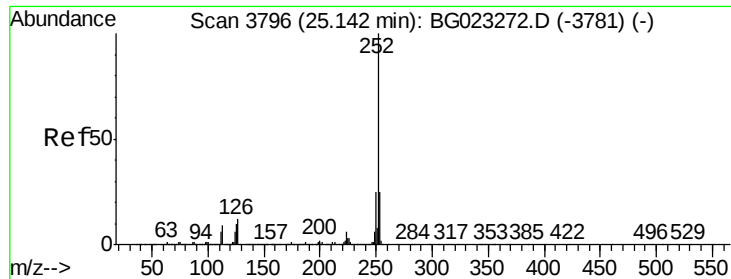


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 48.01 ng

RT: 25.14 min Scan# 3796

Delta R.T. 0.01 min

Lab File: BG023356.D

Acq: 30 Jul 2016 14:05

Instrument :

BNA_G

ClientSampleId :

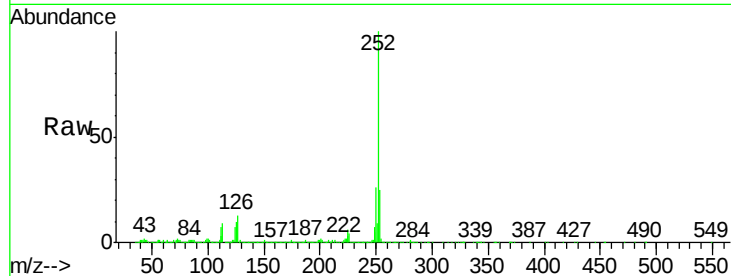
Tot Ion:252 Resp: 2789120

Ion Ratio Lower Upper

252 100

253 24.5 18.7 28.1

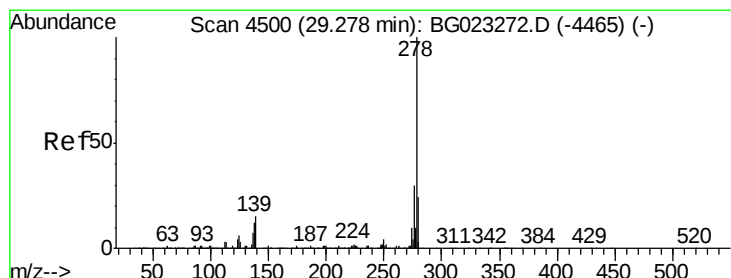
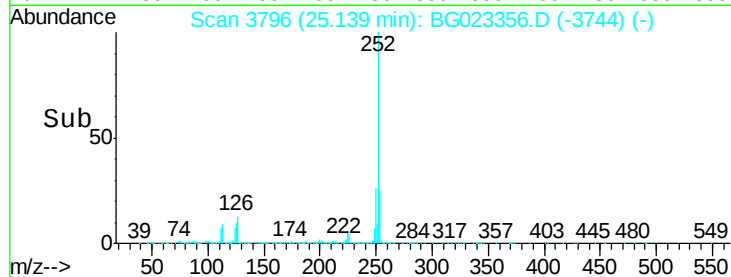
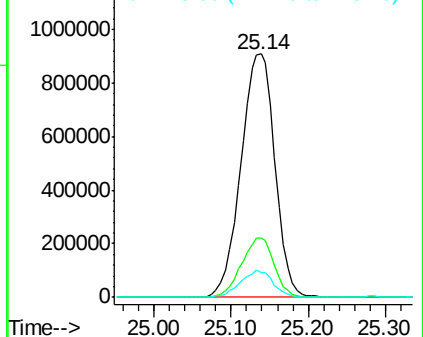
125 10.1 3.9 5.9#



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: 53.38 ng

RT: 29.26 min Scan# 4498

Delta R.T. 0.01 min

Lab File: BG023356.D

Acq: 30 Jul 2016 14:05

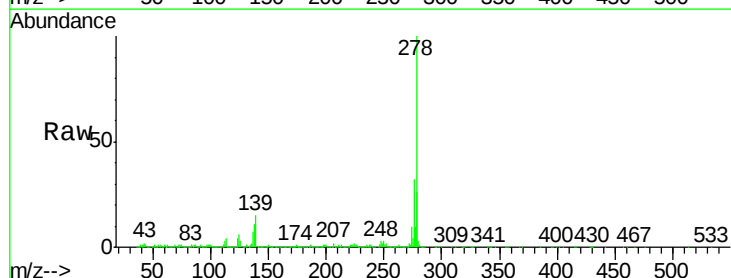
Tgt Ion:278 Resp: 2933536

Ion Ratio Lower Upper

278 100

139 15.3 4.7 7.1#

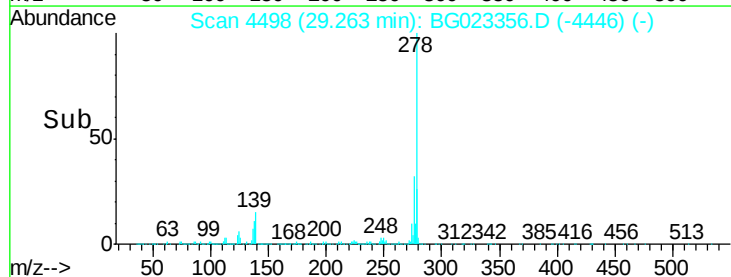
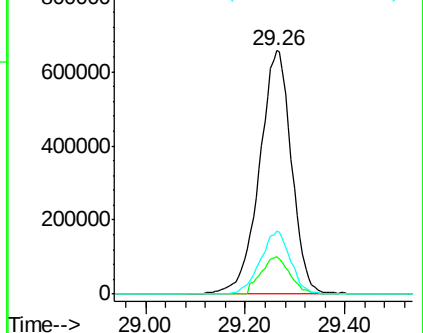
279 26.1 18.3 27.5

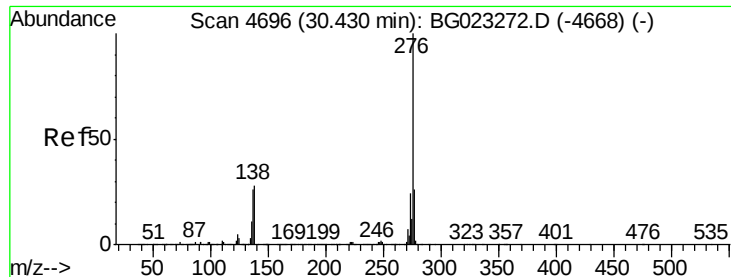


Abundance Ion 278.00 (277.70 to 278.70): E

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: 51.30 ng
 RT: 30.43 min Scan# 4696
 Delta R.T. 0.01 min
 Lab File: BG023356.D
 Acq: 30 Jul 2016 14:05

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:276 Resp: 2967811
 Ion Ratio Lower Upper
 276 100
 277 24.6 18.6 27.8
 138 18.4 6.8 10.2#

