

Data Path : Z:\HPCHEM1\BNA G\DATA\BG073116\
 Data File : BG023357.D
 Acq On : 30 Jul 2016 14:46
 Operator : UM/SJ
 Sample : PB92565BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 01 01:22:07 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	8.13	152	168508	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	793515	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	510081	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	1099974	20.00	ng	0.00
75) Chrysene-d12	21.89	240	1121706	20.00	ng	0.00
86) Perylene-d12	25.29	264	1166046	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	1441872	146.08	ng	0.00
7) Phenol-d6	7.29	99	2098580	138.48	ng	0.00
23) Nitrobenzene-d5	9.31	82	1395100	85.98	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	885955	167.81	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2668302	97.91	ng	0.00
78) Terphenyl-d14	20.17	244	3084509	89.39	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	139849	33.04	ng	# 92
3) Pyridine	3.93	79	491140	33.15	ng	# 93
4) n-Nitrosodimethylamine	3.85	42	220570	32.95	ng	# 63
6) Aniline	7.46	93	778213	38.45	ng	95
8) 2-Chlorophenol	7.70	128	563127	51.13	ng	97
9) Benzaldehyde	7.26	77	343214	31.53	ng	94
10) Phenol	7.32	94	828595	51.82	ng	81
11) bis(2-Chloroethyl)ether	7.54	93	568726	41.85	ng	92
12) 1,3-Dichlorobenzene	8.02	146	545137	43.92	ng	# 91
13) 1,4-Dichlorobenzene	8.17	146	549402	43.39	ng	96
14) 1,2-Dichlorobenzene	8.50	146	548619	44.92	ng	91
15) Benzyl Alcohol	8.38	79	579629	56.83	ng	# 89
16) 2,2'-oxybis(1-Chloropropan	8.67	45	837534	38.73	ng	91
17) 2-Methylphenol	8.58	107	567262	51.90	ng	# 86
18) Hexachloroethane	9.23	117	217524	41.24	ng	92
19) n-Nitroso-di-n-propylamine	8.94	70	578333	42.43	ng	98
20) 3+4-Methylphenols	8.91	107	786079	52.90	ng	90
22) Acetophenone	8.97	105	821036	39.63	ng	# 90
24) Nitrobenzene	9.36	77	790318	41.94	ng	# 87
25) Isophorone	9.88	82	1493753	44.57	ng	# 92
26) 2-Nitrophenol	10.08	139	341569	47.99	ng	# 76
27) 2,4-Dimethylphenol	10.13	122	616558	51.40	ng	84
28) bis(2-Chloroethoxy)methane	10.36	93	872215	46.38	ng	# 96
29) 2,4-Dichlorophenol	10.62	162	640939	55.19	ng	98
30) 1,2,4-Trichlorobenzene	10.83	180	586885	45.73	ng	96
31) Naphthalene	11.02	128	1694141	45.95	ng	99
32) Benzoic acid	10.25	122	206593	25.69	ng	# 90
33) 4-Chloroaniline	11.13	127	212878	12.50	ng	94
34) Hexachlorobutadiene	11.30	225	376487	44.76	ng	95
35) Caprolactam	11.92	113	231017	46.78	ng	91
36) 4-Chloro-3-methylphenol	12.26	107	741259	48.58	ng	92
37) 2-Methylnaphthalene	12.63	142	1309957	47.92	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	629462	38.12	ng	98
40) Hexachlorocyclopentadiene	12.97	237	887486	113.41	ng	97

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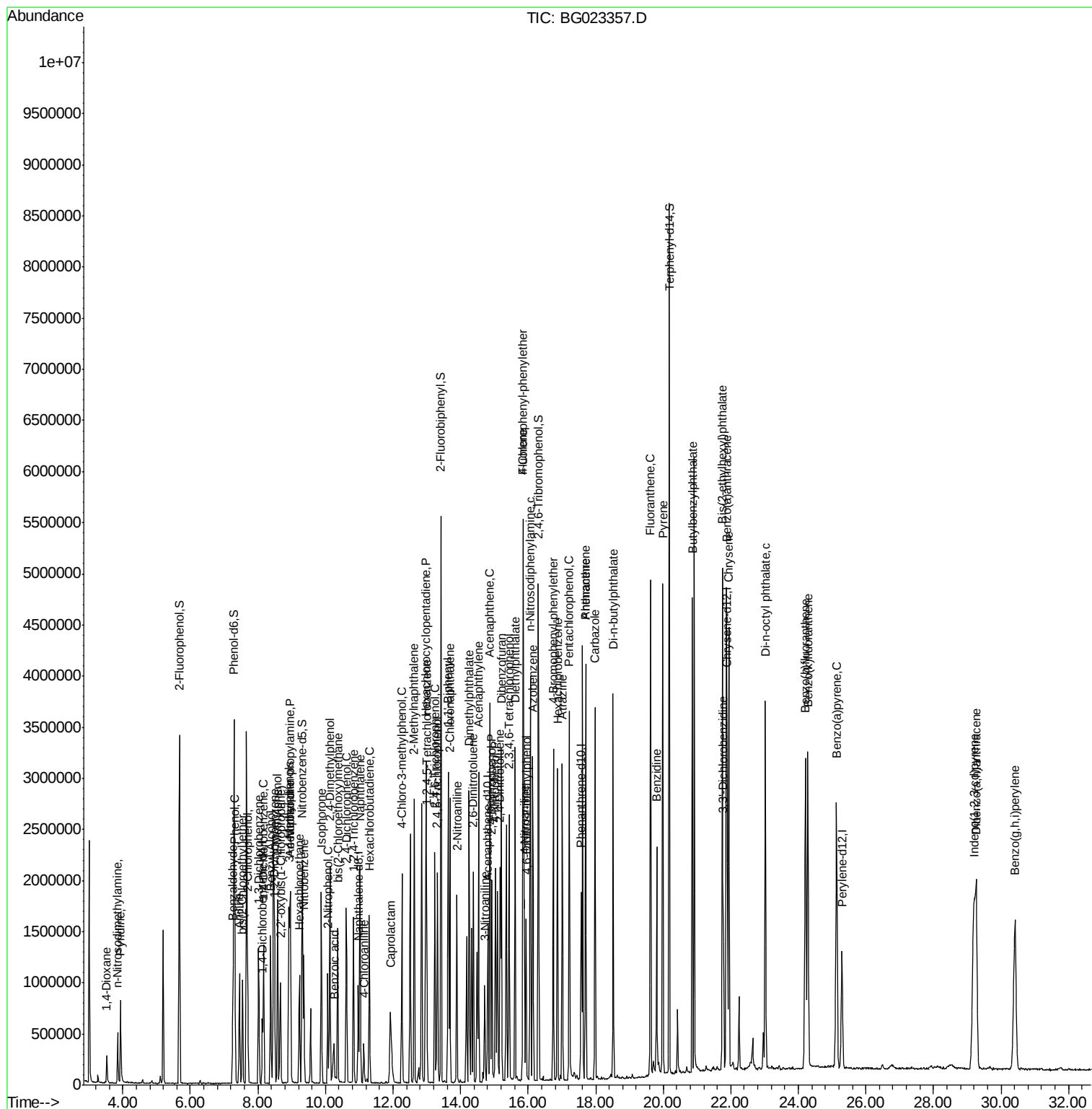
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.24	196	533942	55.05	nq	99
43) 2,4,5-Trichlorophenol	13.31	196	563850	54.80	nq	95
45) 1,1'-Biphenyl	13.63	154	1563873	43.96	nq	94
46) 2-Chloronaphthalene	13.68	162	1361123	47.75	nq	94
47) 2-Nitroaniline	13.89	65	575639	47.73	nq	# 87
48) Acenaphthylene	14.53	152	2111615	48.38	nq	95
49) Dimethylphthalate	14.25	163	1746526	46.40	nq	97
50) 2,6-Dinitrotoluene	14.38	165	427423	48.49	nq	# 78
51) Acenaphthene	14.87	154	1366828	48.28	nq	97
52) 3-Nitroaniline	14.72	138	223711	25.20	nq	86
53) 2,4-Dinitrophenol	14.92	184	462779	89.66	nq	# 85
54) Dibenzofuran	15.21	168	2071813	51.72	nq	97
55) 4-Nitrophenol	15.03	139	660535	85.77	nq	# 77
56) 2,4-Dinitrotoluene	15.17	165	592190	47.71	nq	92
57) Fluorene	15.86	166	1672286	47.28	nq	96
58) 2,3,4,6-Tetrachlorophenol	15.43	232	510130	58.56	nq	95
59) Diethylphthalate	15.62	149	1718751	44.58	nq	93
60) 4-Chlorophenyl-phenylether	15.85	204	889226	46.44	nq	99
61) 4-Nitroaniline	15.89	138	441467	47.42	nq	# 63
62) Azobenzene	16.14	77	1934044	48.38	nq	91
64) 4,6-Dinitro-2-methylphenol	15.94	198	354897	50.23	nq	94
65) n-Nitrosodiphenylamine	16.06	169	1539086	52.41	nq	93
66) 4-Bromophenyl-phenylether	16.74	248	604079	54.31	nq	96
67) Hexachlorobenzene	16.87	284	638651	57.11	nq	98
68) Atrazine	17.01	200	570388	50.63	nq	96
69) Pentachlorophenol	17.22	266	699771	101.39	nq	99
70) Phenanthrene	17.70	178	2516452	52.30	nq	95
71) Anthracene	17.70	178	2516452	51.76	nq	95
72) Carbazole	17.98	167	2293595	51.51	nq	96
73) Di-n-butylphthalate	18.52	149	2567131	51.68	nq	97
74) Fluoranthene	19.62	202	2656635	48.38	nq	90
76) Benzidine	19.80	184	1369372	43.40	nq	98
77) Pyrene	19.99	202	2696782	42.36	nq	95
79) Butylbenzylphthalate	20.86	149	1348751	48.16	nq	97
80) Benzo(a)anthracene	21.87	228	2759753	46.99	nq	96
81) 3,3'-Dichlorobenzidine	21.78	252	743465	31.22	nq	# 98
82) Chrysene	21.94	228	2620709	46.19	nq	94
83) Bis(2-ethylhexyl)phthalate	21.75	149	1855220	47.34	nq	96
84) Di-n-octyl phthalate	23.02	149	3012016	46.99	nq	98
85) Indeno(1,2,3-cd)pyrene	29.20	276	3658883	55.28	nq	# 100
87) Benzo(b)fluoranthene	24.21	252	3028694	48.89	nq	# 94
88) Benzo(k)fluoranthene	24.28	252	2831573	45.73	nq	# 94
89) Benzo(a)pyrene	25.13	252	2944789	48.51	nq	# 94
90) Dibenzo(a,h)anthracene	29.27	278	2991995	52.11	nq	# 91
91) Benzo(g,h,i)perylene	30.41	276	2984200	49.37	nq	# 89

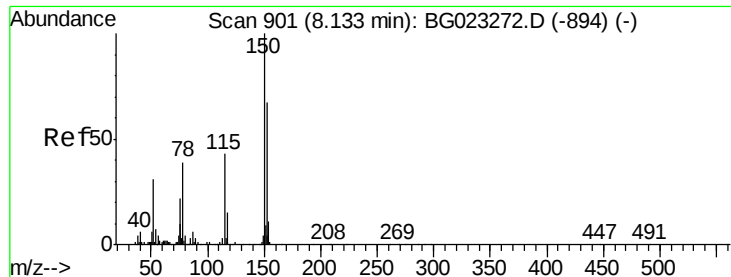
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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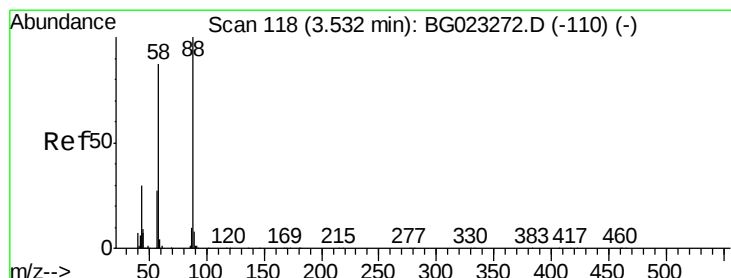
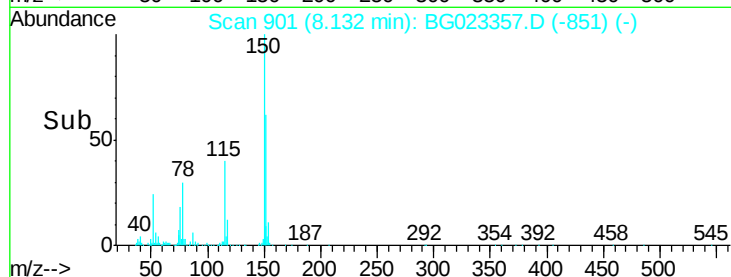
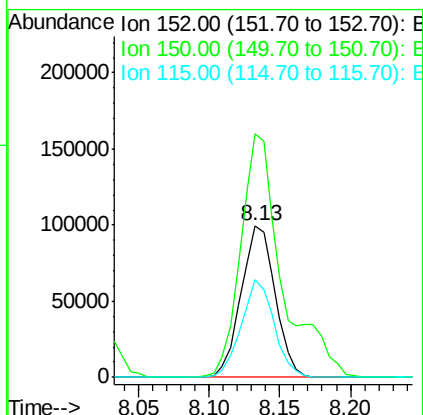
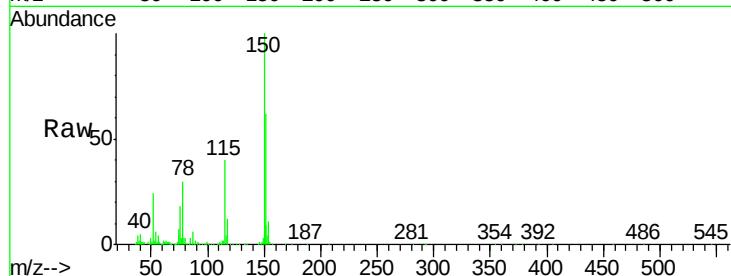


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.13 min Scan# 901
Delta R.T. -0.01 min
Lab File: BG023357.D
Acq: 30 Jul 2016 14:46

Instrument :
BNA_G
ClientSampleId :

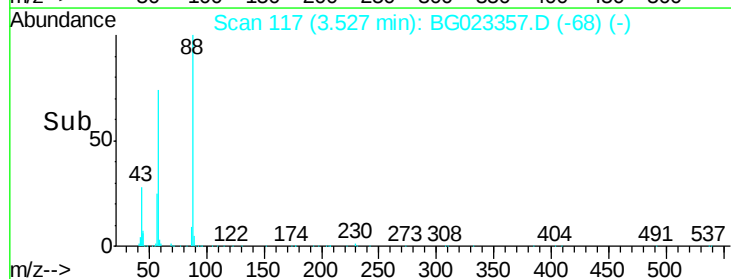
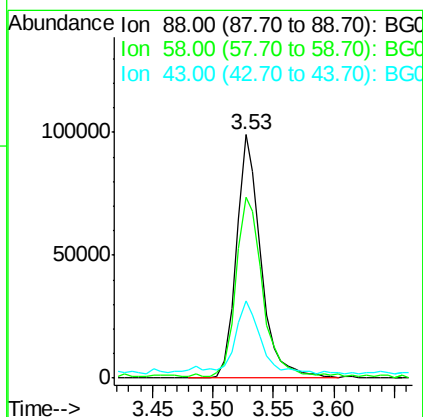
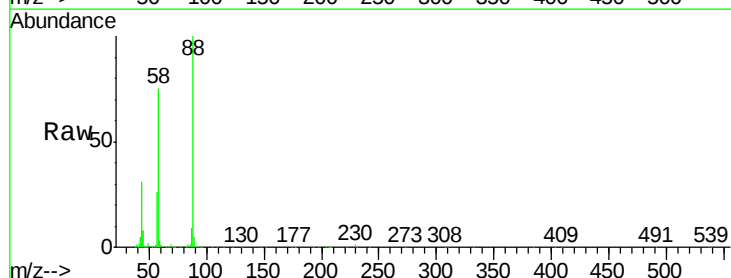
Tot Ion	Ratio	Lower	Upper
152	100		
150	160.8	144.7	217.1
115	64.2	64.0	96.0

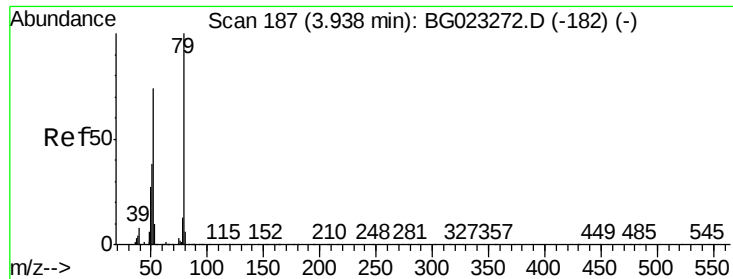


#2

1,4-Dioxane
Concen: 33.04 ng
RT: 3.53 min Scan# 117
Delta R.T. -0.01 min
Lab File: BG023357.D
Acq: 30 Jul 2016 14:46

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.8	60.4	90.6
43	29.2	31.1	46.7





#3

Pvridine

Concen: 33.15 ng

RT: 3.93 min Scan# 186

Delta R.T. -0.03 min

Lab File: BG023357.D

Acq: 30 Jul 2016 14:46

Instrument :

BNA_G

ClientSampleId :

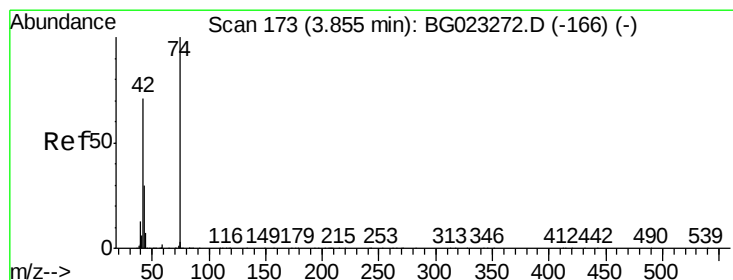
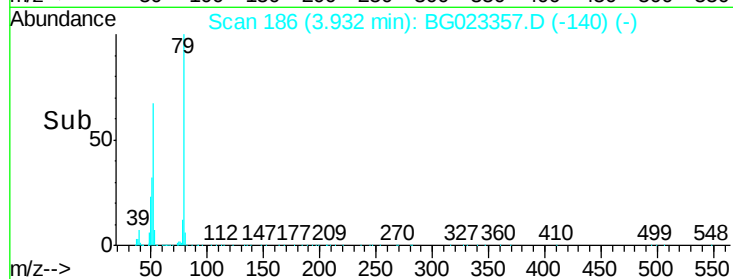
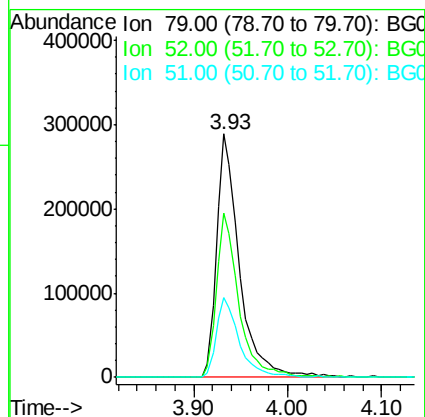
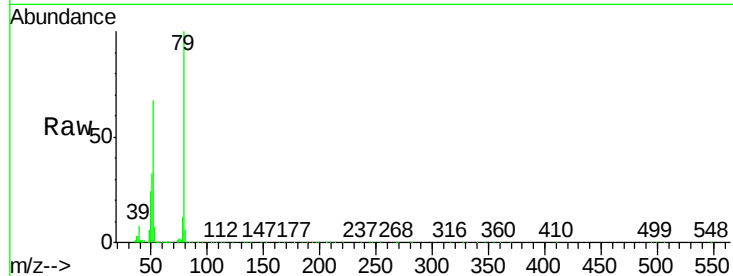
Tot Ion: 79 Resp: 491140

Ion Ratio Lower Upper

79 100

52 67.3 51.8 77.8

51 32.7 32.7 49.1#



#4

n-Nitrosodimethylamine

Concen: 32.95 ng

RT: 3.85 min Scan# 172

Delta R.T. -0.01 min

Lab File: BG023357.D

Acq: 30 Jul 2016 14:46

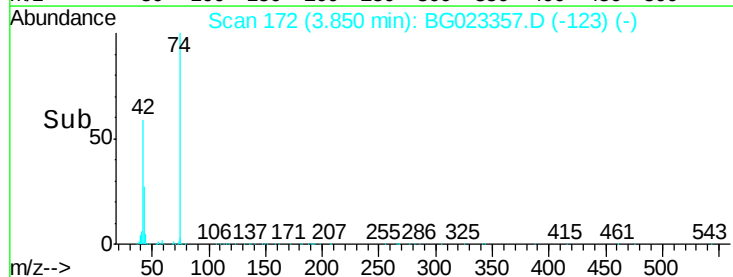
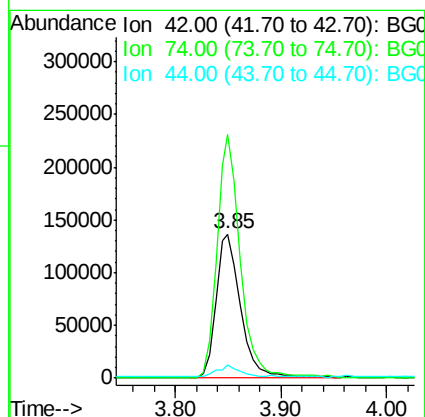
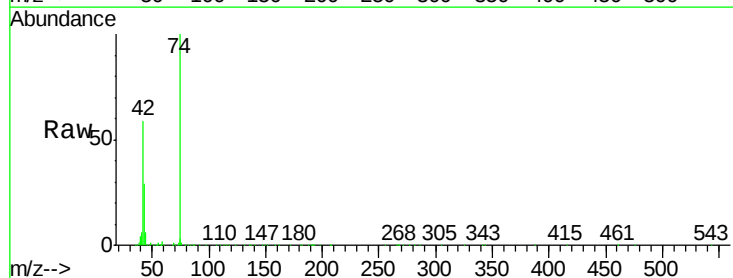
Tgt Ion: 42 Resp: 220570

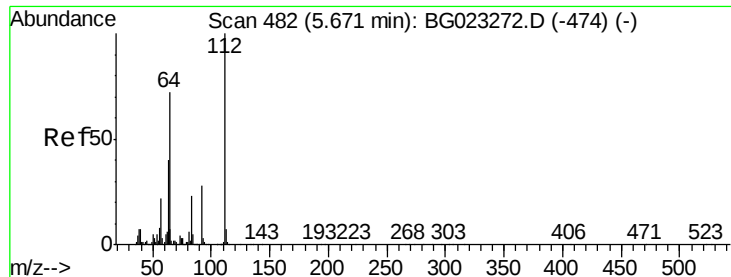
Ion Ratio Lower Upper

42 100

74 169.3 100.6 150.8#

44 9.6 4.5 6.7#





#5

2-Fluorophenol

Concen: 146.08 ng

RT: 5.68 min Scan# 483

Delta R.T. 0.00 min

Lab File: BG023357.D

Acq: 30 Jul 2016 14:46

Instrument :

BNA_G

ClientSampled :

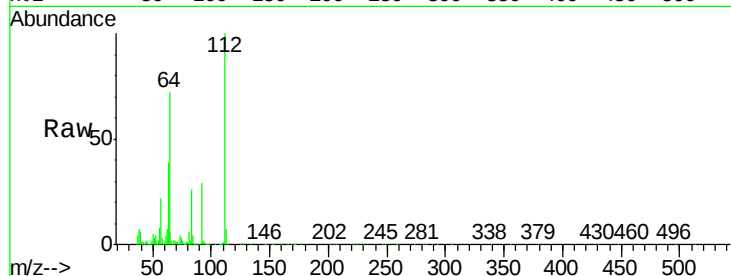
Tot Ion:112 Resp: 1441872

Ion Ratio Lower Upper

112 100

64 71.5 59.0 88.4

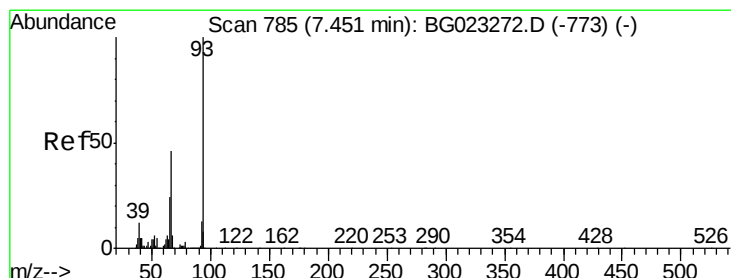
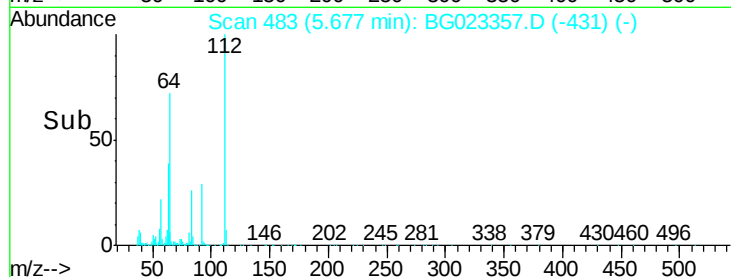
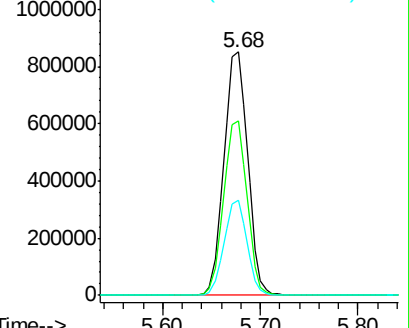
63 39.1 37.8 56.8



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 38.45 ng

RT: 7.46 min Scan# 786

Delta R.T. 0.00 min

Lab File: BG023357.D

Acq: 30 Jul 2016 14:46

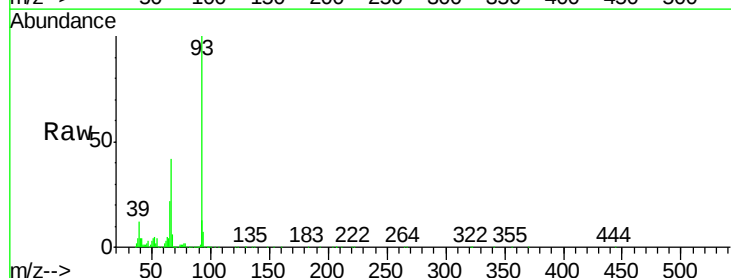
Tgt Ion: 93 Resp: 778213

Ion Ratio Lower Upper

93 100

66 41.8 37.5 56.3

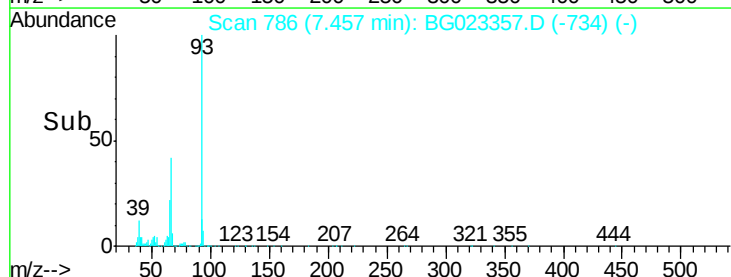
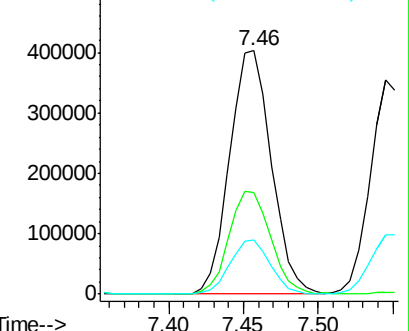
65 22.4 17.9 26.9

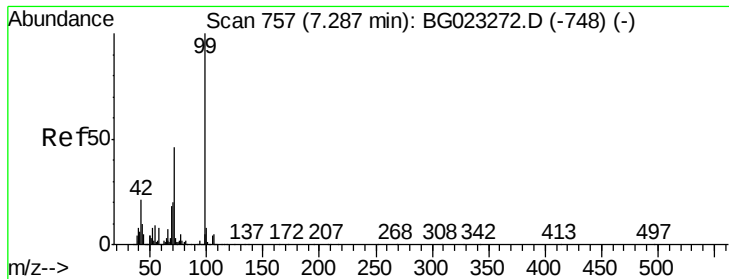


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 138.48 ng

RT: 7.29 min Scan# 758

Delta R.T. 0.00 min

Lab File: BG023357.D

Acq: 30 Jul 2016 14:46

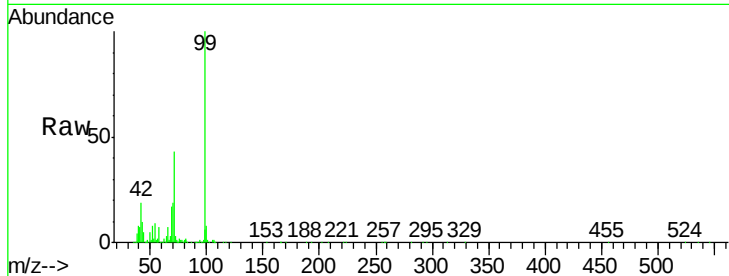
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 2098580

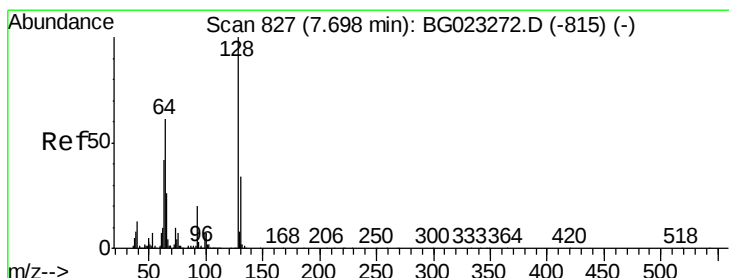
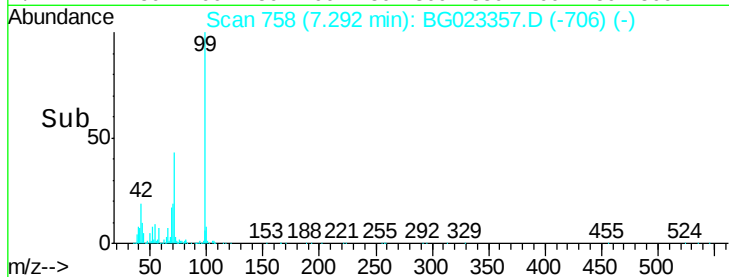
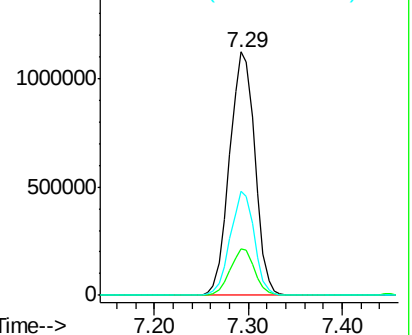
Ion	Ratio	Lower	Upper
99	100		
42	19.2	17.8	26.6
71	42.5	41.5	62.3



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: 51.13 ng

RT: 7.70 min Scan# 827

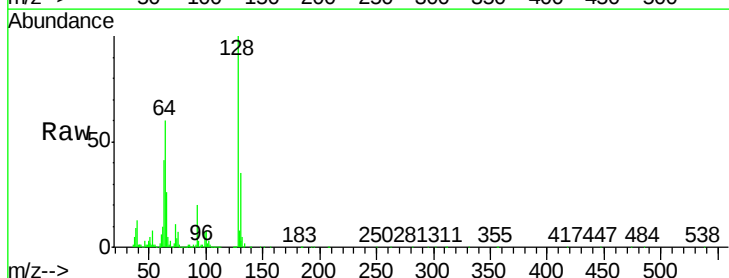
Delta R.T. -0.00 min

Lab File: BG023357.D

Acq: 30 Jul 2016 14:46

Tgt Ion: 128 Resp: 563127

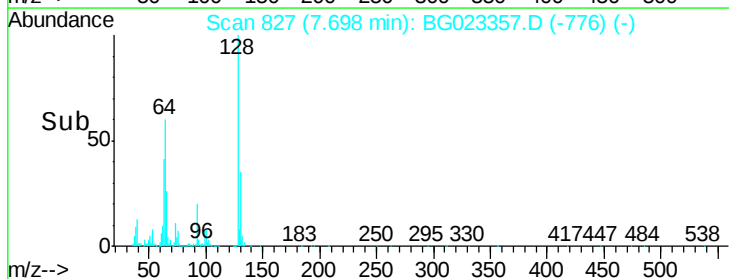
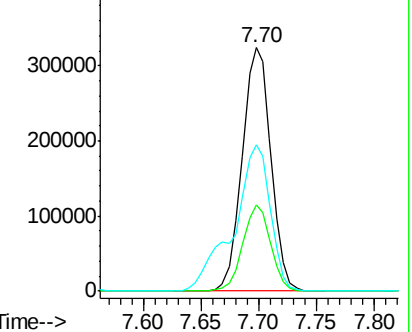
Ion	Ratio	Lower	Upper
128	100		
130	35.3	12.9	52.9
64	60.1	42.0	82.0

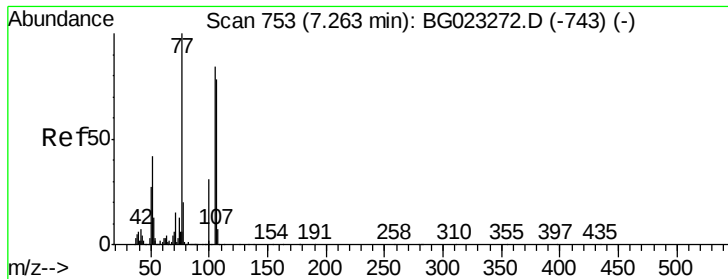


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 31.53 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG023357.D

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ClientSampleId :

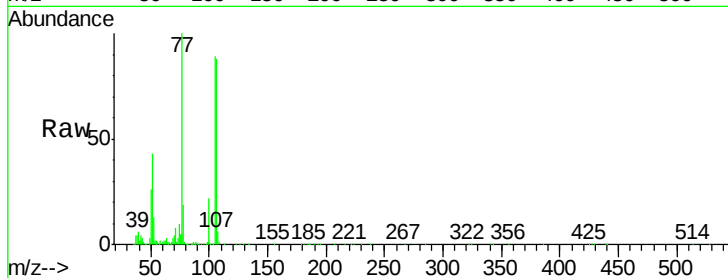
Tot Ion: 77 Resp: 343214

Ion Ratio Lower Upper

77 100

105 89.3 58.7 98.7

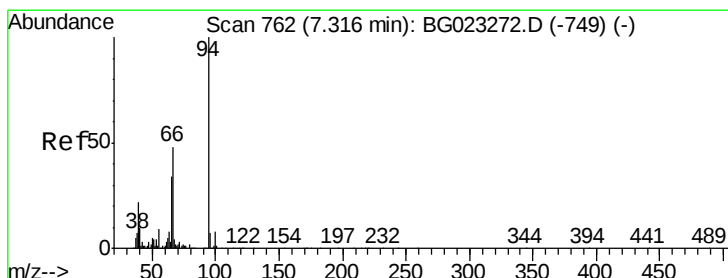
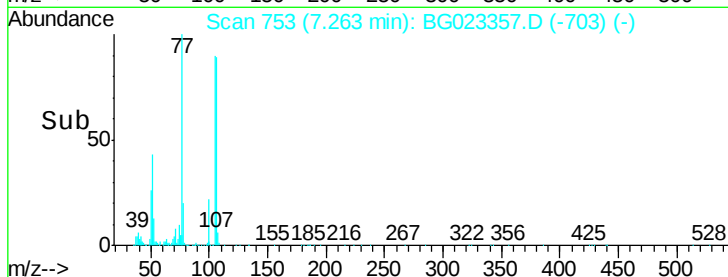
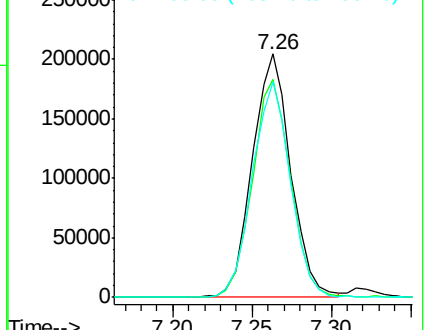
106 88.3 67.5 107.5



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 51.82 ng

RT: 7.32 min Scan# 763

Delta R.T. 0.00 min

Lab File: BG023357.D

Acq: 30 Jul 2016 14:46

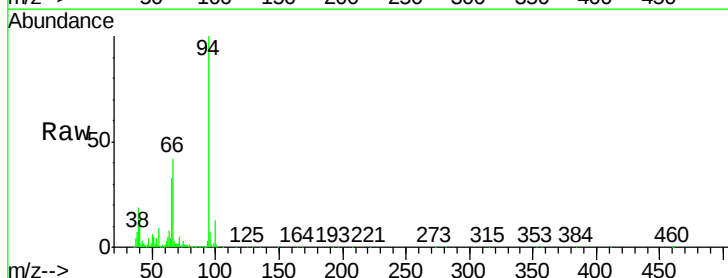
Tgt Ion: 94 Resp: 828595

Ion Ratio Lower Upper

94 100

65 32.6 18.1 58.1

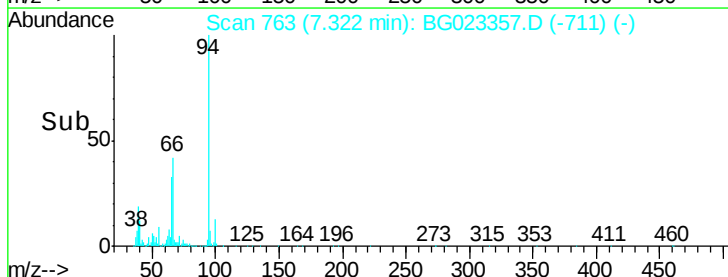
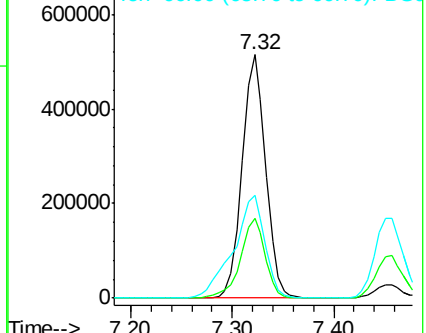
66 42.3 42.1 82.1

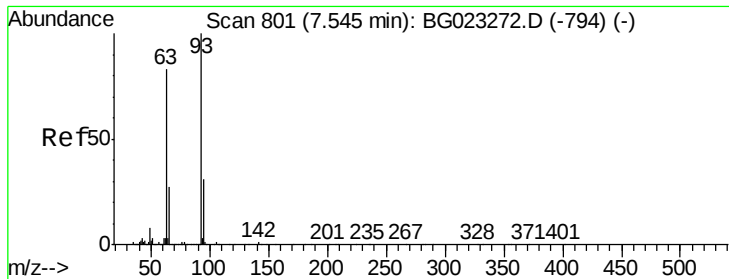


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 41.85 ng

RT: 7.54 min Scan# 801

Delta R.T. -0.00 min

Lab File: BG023357.D

Acq: 30 Jul 2016 14:46

Instrument :

BNA_G

ClientSampled :

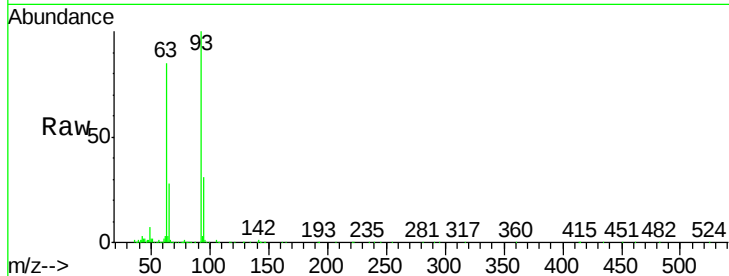
Tot Ion: 93 Resp: 568726

Ion Ratio Lower Upper

93 100

63 85.0 55.0 95.0

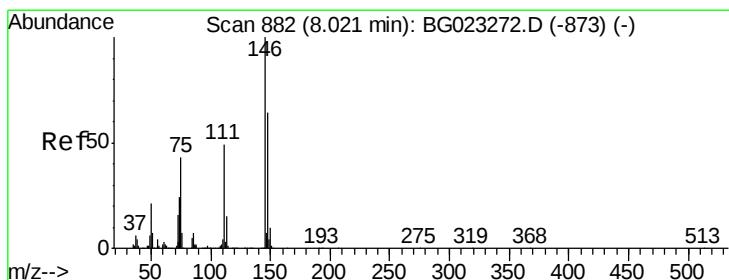
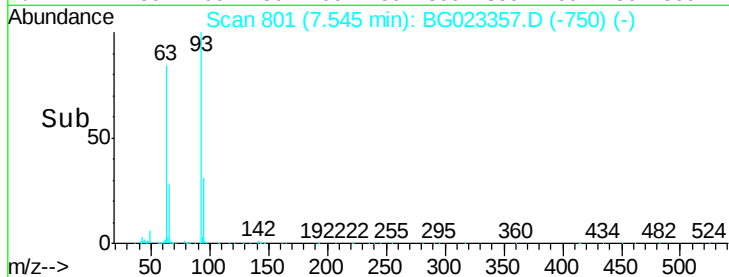
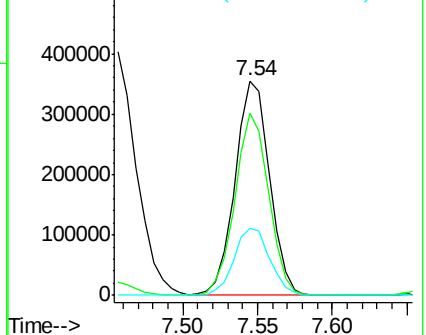
95 31.4 11.0 51.0



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 43.92 ng

RT: 8.02 min Scan# 882

Delta R.T. -0.00 min

Lab File: BG023357.D

Acq: 30 Jul 2016 14:46

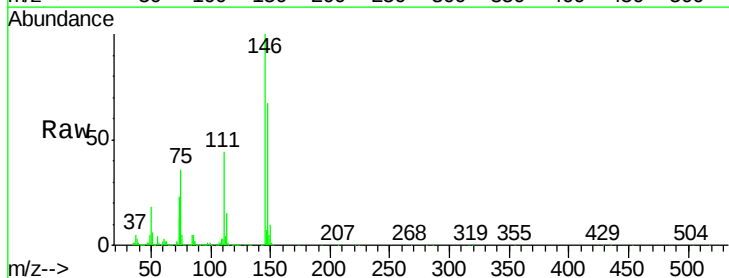
Tgt Ion: 146 Resp: 545137

Ion Ratio Lower Upper

146 100

148 66.9 50.3 75.5

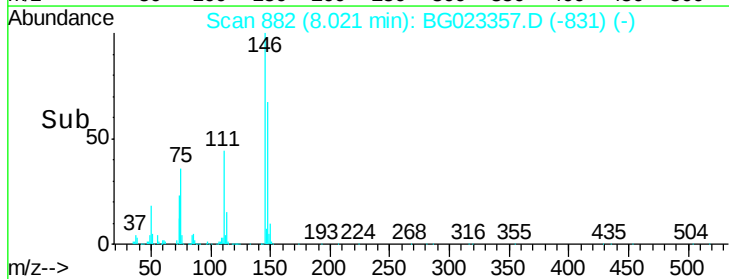
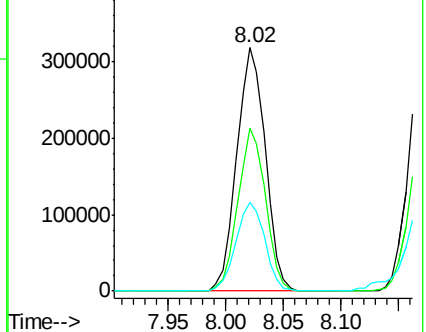
75 36.2 37.0 55.6#

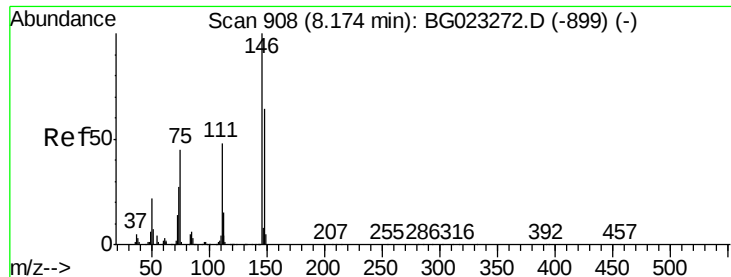


Abundance Ion 146.00 (145.70 to 146.70): BGC

Ion 148.00 (147.70 to 148.70): BGC

Ion 75.00 (74.70 to 75.70): BGC

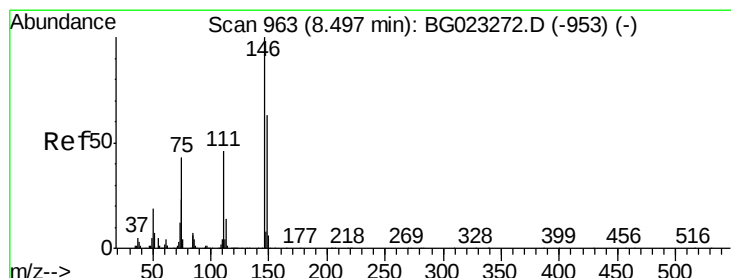
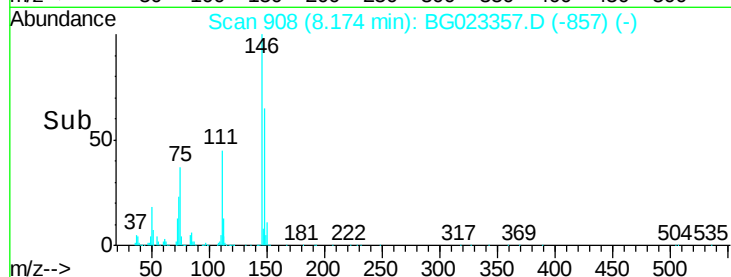
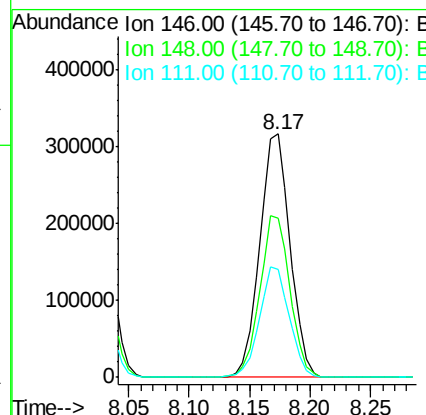
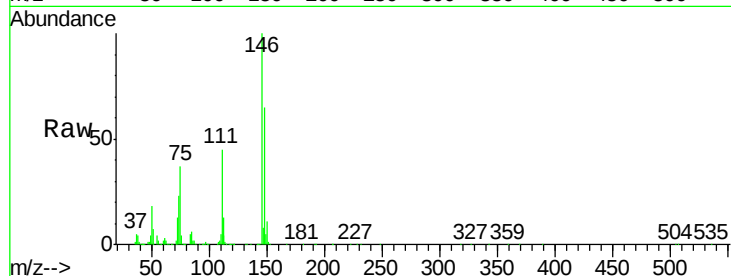




#13
 1,4-Dichlorobenzene
 Concen: 43.39 ng
 RT: 8.17 min Scan# 908
 Delta R.T. -0.00 min
 Lab File: BG023357.D
 Acq: 30 Jul 2016 14:46

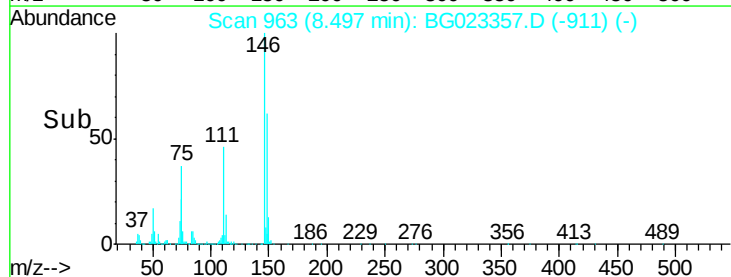
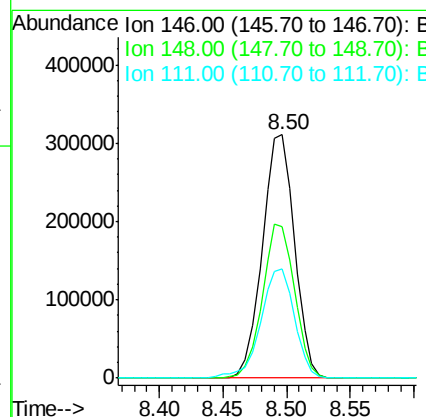
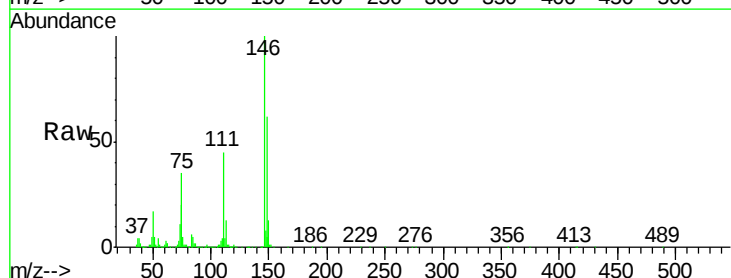
Instrument :
 BNA_G
 ClientSampleId :

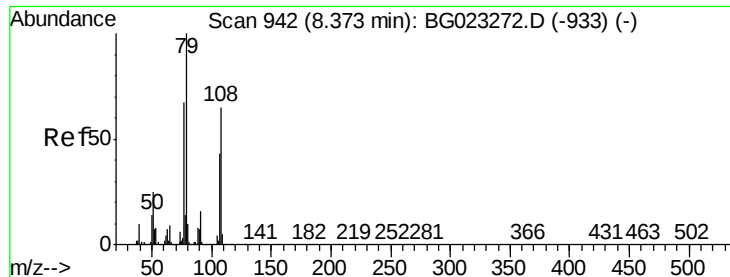
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.2	54.5	81.7
111	44.6	37.8	56.8



#14
 1,2-Dichlorobenzene
 Concen: 44.92 ng
 RT: 8.50 min Scan# 963
 Delta R.T. 0.00 min
 Lab File: BG023357.D
 Acq: 30 Jul 2016 14:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.3	52.9	79.3
111	44.8	43.5	65.3





#15

Benzyl Alcohol

Concen: 56.83 ng

RT: 8.38 min Scan# 943

Delta R.T. -0.00 min

Lab File: BG023357.D

Acq: 30 Jul 2016 14:46

Instrument :

BNA_G

ClientSampleId :

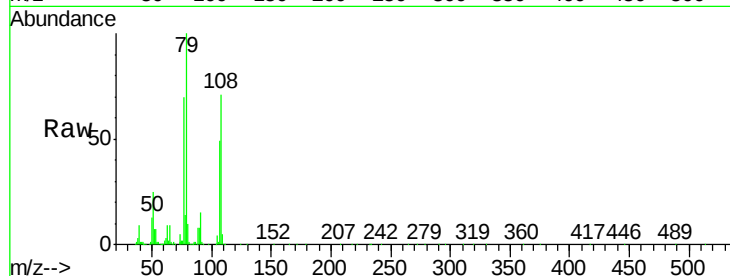
Tot Ion: 79 Resp: 579629

Ion Ratio Lower Upper

79 100

108 71.1 46.5 69.7#

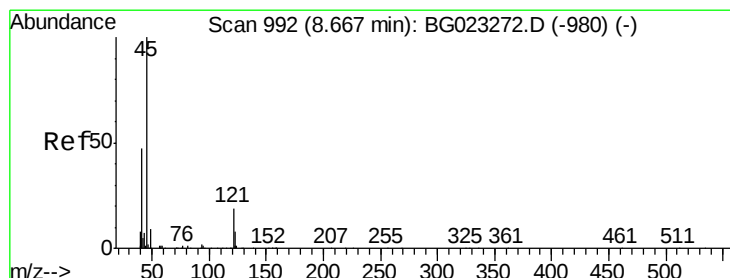
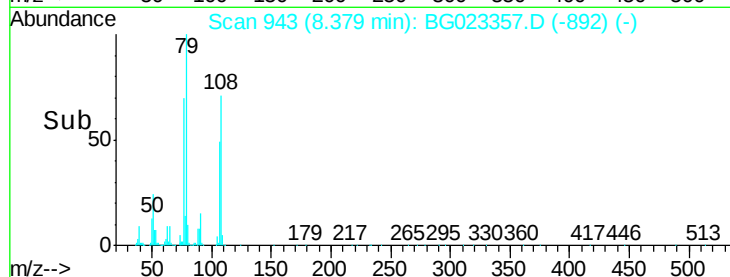
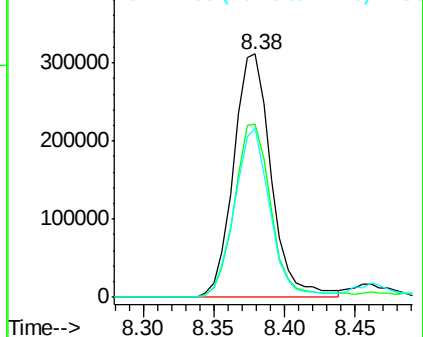
77 69.6 52.3 78.5



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: 38.73 ng

RT: 8.67 min Scan# 993

Delta R.T. -0.00 min

Lab File: BG023357.D

Acq: 30 Jul 2016 14:46

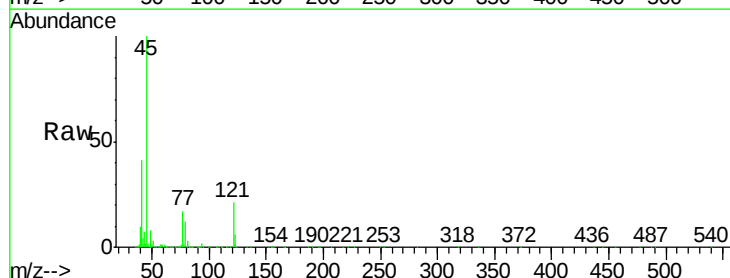
Tgt Ion: 45 Resp: 837534

Ion Ratio Lower Upper

45 100

77 16.6 0.6 40.6

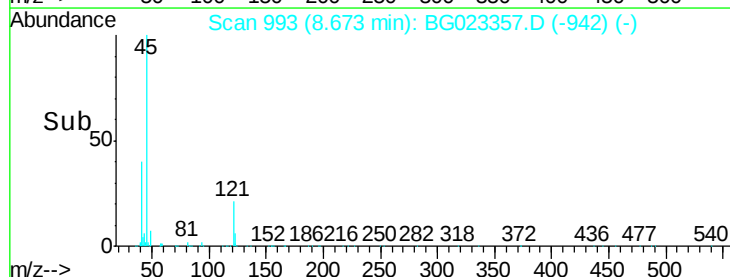
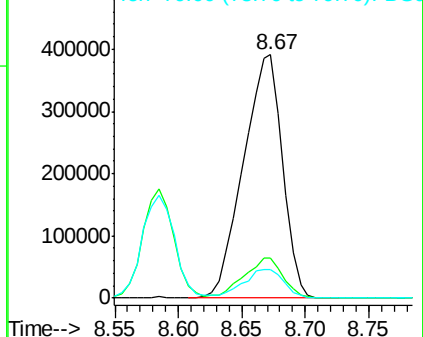
79 11.7 0.0 36.2

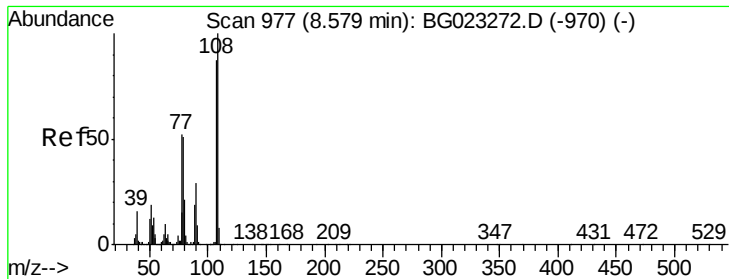


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 51.90 ng

RT: 8.58 min Scan# 978

Delta R.T. -0.00 min

Lab File: BG023357.D

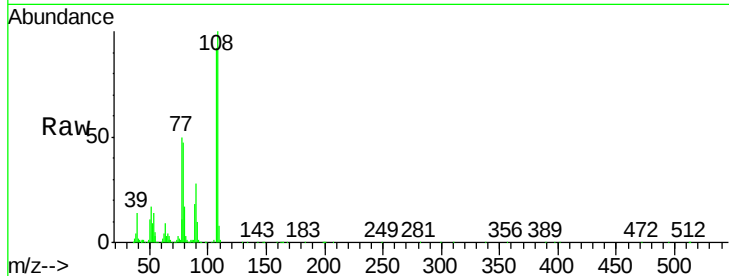
Acq: 30 Jul 2016 14:46

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	107	Resp:	567262
Ion	Ratio	Lower	Upper
107	100		
108	108.6	92.0	138.0
77	54.0	55.8	83.6#
79	50.8	55.0	82.6#

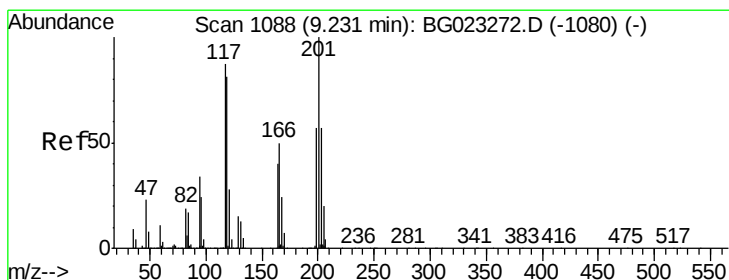
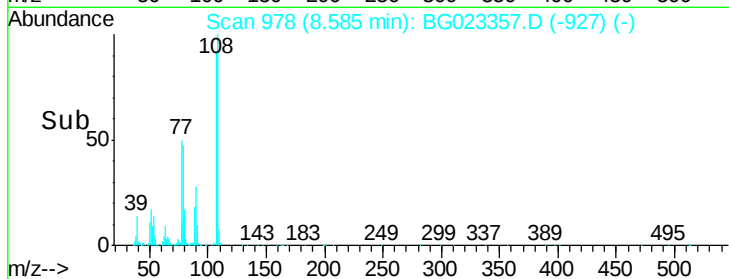
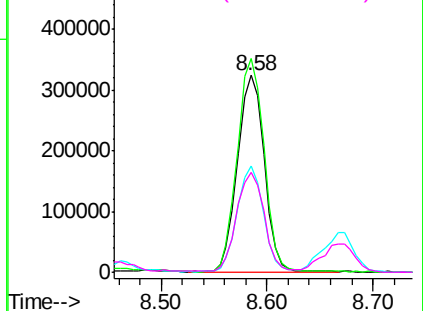


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 41.24 ng

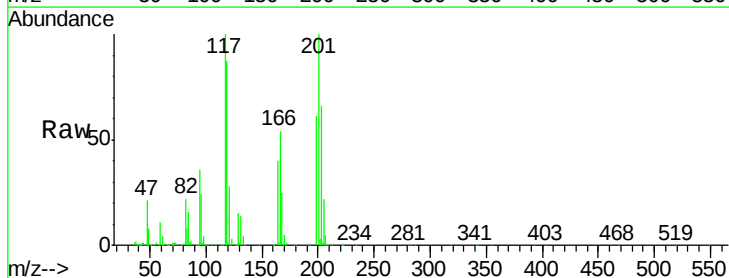
RT: 9.23 min Scan# 1088

Delta R.T. -0.01 min

Lab File: BG023357.D

Acq: 30 Jul 2016 14:46

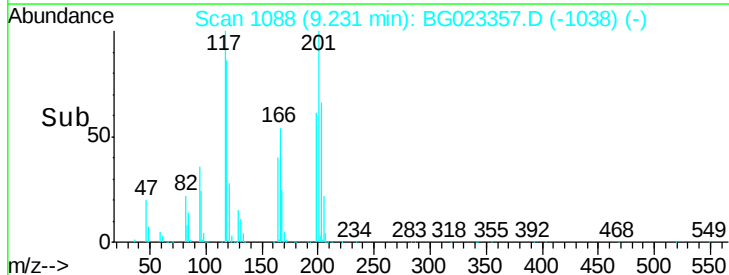
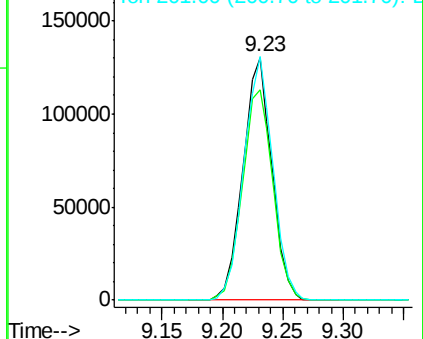
Tgt Ion:	117	Resp:	217524
Ion	Ratio	Lower	Upper
117	100		
119	86.8	73.7	110.5
201	100.2	88.7	133.1

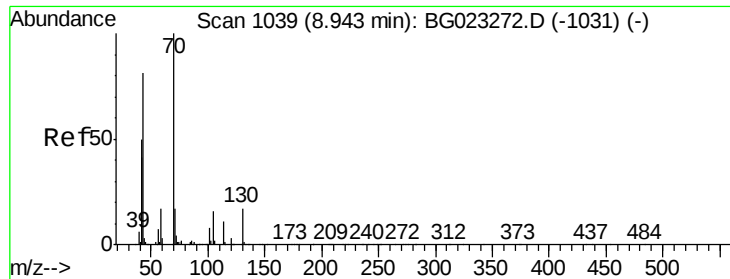


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

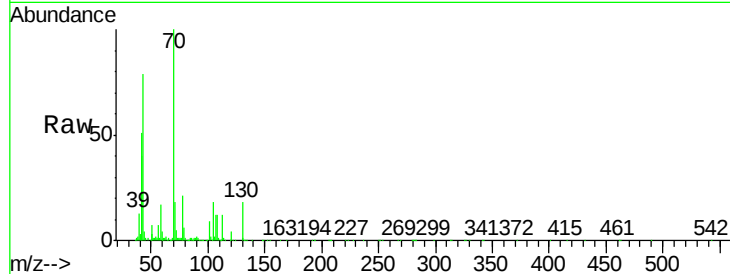




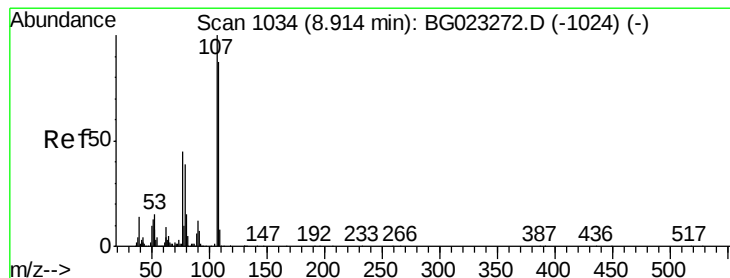
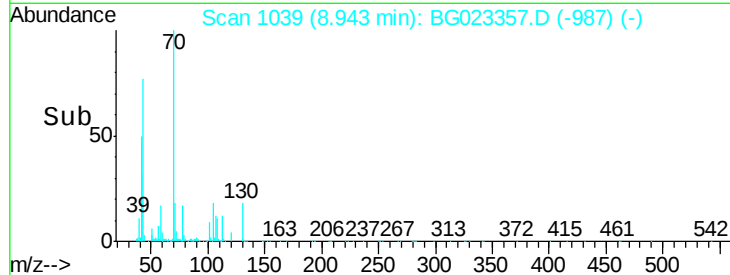
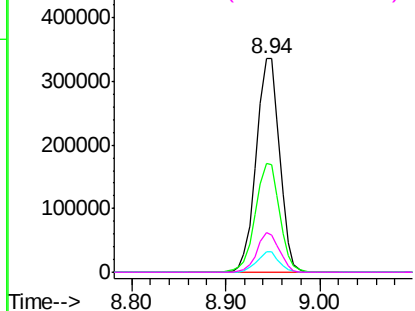
#19
n-Nitroso-di-n-propylamine
Concen: 42.43 ng
RT: 8.94 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BG023357.D
Acq: 30 Jul 2016 14:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	578333
Ion	Ratio	Lower	Upper
70	100		
42	50.7	42.1	63.1
101	9.4	7.2	10.8
130	18.4	14.2	21.2

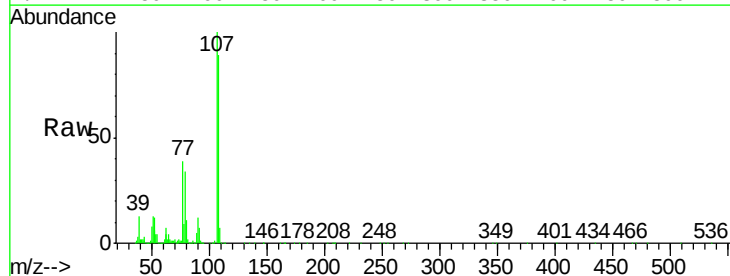


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

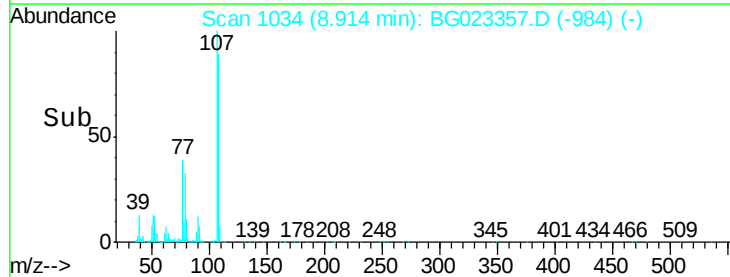
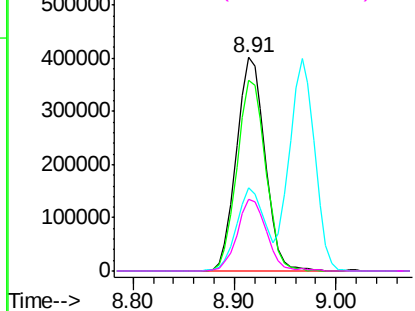


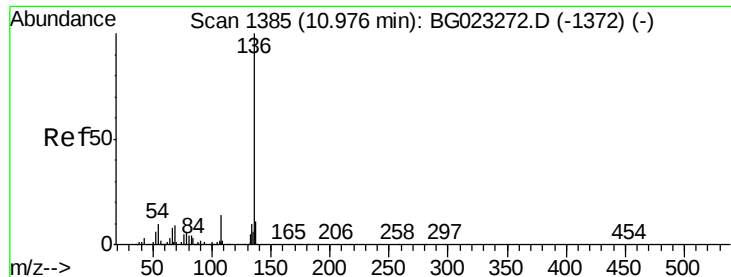
#20
3+4-Methylphenols
Concen: 52.90 ng
RT: 8.91 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG023357.D
Acq: 30 Jul 2016 14:46

Tgt Ion:	107	Resp:	786079
Ion	Ratio	Lower	Upper
107	100		
108	89.4	72.5	112.5
77	39.2	30.1	70.1
79	33.7	24.2	64.2



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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.98 min Scan# 1385

Delta R.T. -0.00 min

Lab File: BG023357.D

Acq: 30 Jul 2016 14:46

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 793515

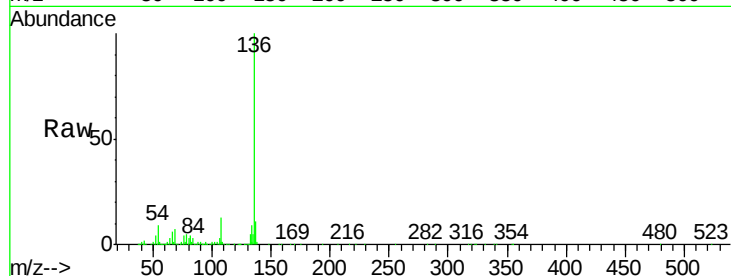
Ion Ratio Lower Upper

136 100

137 11.2 9.6 14.4

54 8.8 7.3 10.9

68 7.0 5.3 7.9

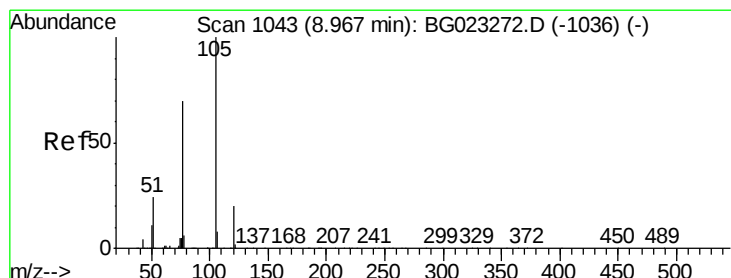
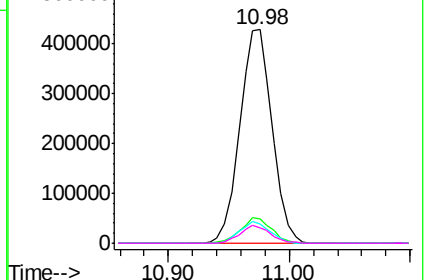
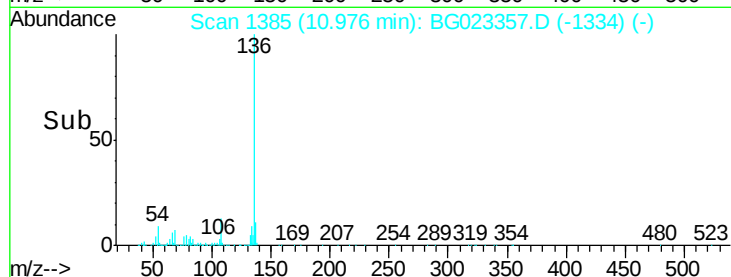


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG



#22

Acetophenone

Concen: 39.63 ng

RT: 8.97 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BG023357.D

Acq: 30 Jul 2016 14:46

Tgt Ion:105 Resp: 821036

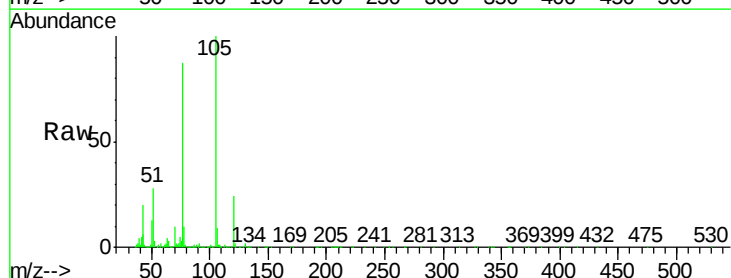
Ion Ratio Lower Upper

105 100

71 1.7 2.6 3.8#

51 28.0 27.1 40.7

120 23.8 15.1 22.7#

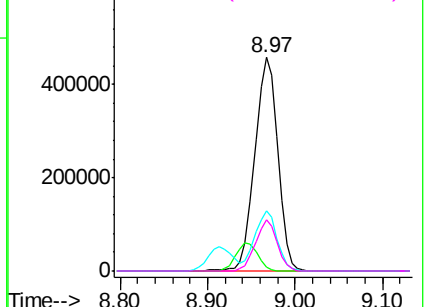
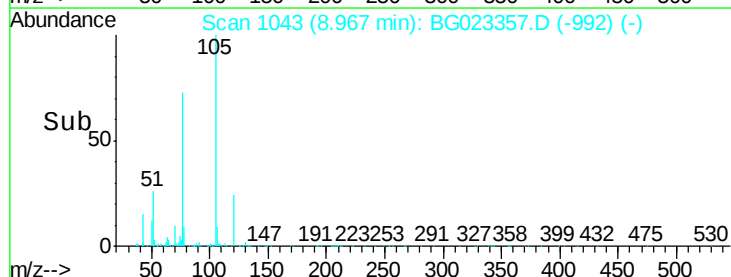


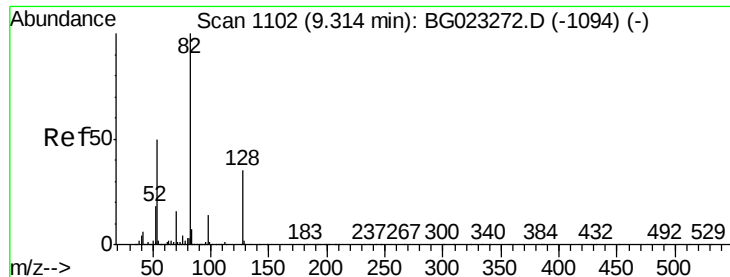
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BG

Ion 51.00 (50.70 to 51.70): BG

Ion 120.00 (119.70 to 120.70): E

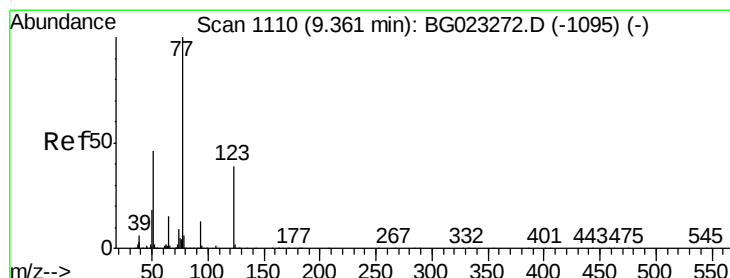
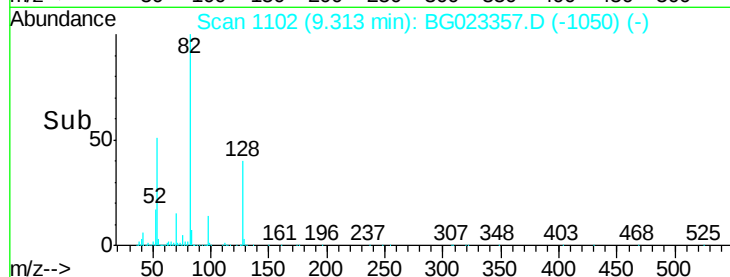
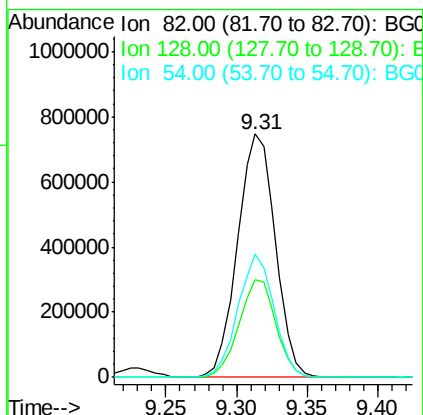
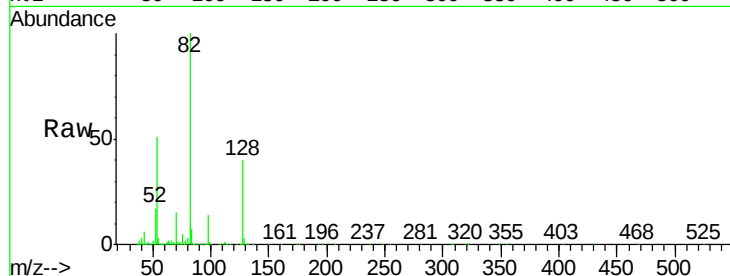




#23
 Nitrobenzene-d5
 Concen: 85.98 ng
 RT: 9.31 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: BG023357.D
 Acq: 30 Jul 2016 14:46

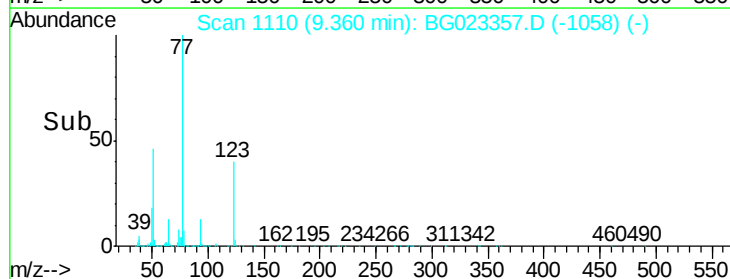
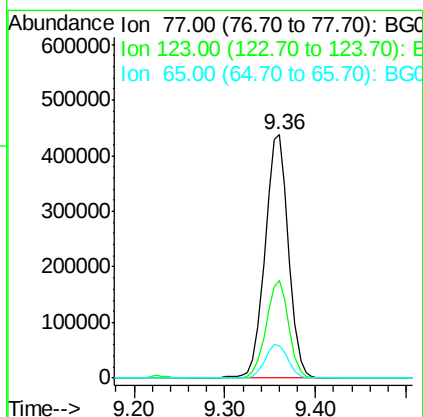
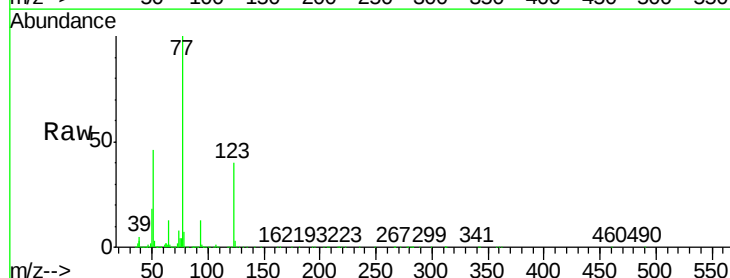
Instrument :
 BNA_G
 ClientSampleId :

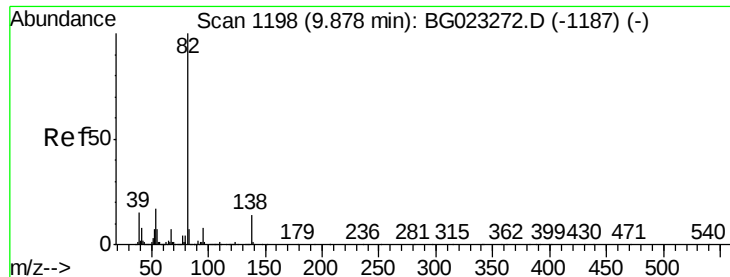
Tot Ion: 82 Resp: 1395100
 Ion Ratio Lower Upper
 82 100
 128 40.1 24.4 36.6#
 54 50.6 41.4 62.0



#24
 Nitrobenzene
 Concen: 41.94 ng
 RT: 9.36 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: BG023357.D
 Acq: 30 Jul 2016 14:46

Tgt Ion: 77 Resp: 790318
 Ion Ratio Lower Upper
 77 100
 123 40.1 25.0 37.6#
 65 13.4 13.4 20.0





#25

Isophorone

Concen: 44.57 ng

RT: 9.88 min Scan# 1198

Delta R.T. -0.00 min

Lab File: BG023357.D

Acq: 30 Jul 2016 14:46

Instrument :

BNA_G

ClientSampled :

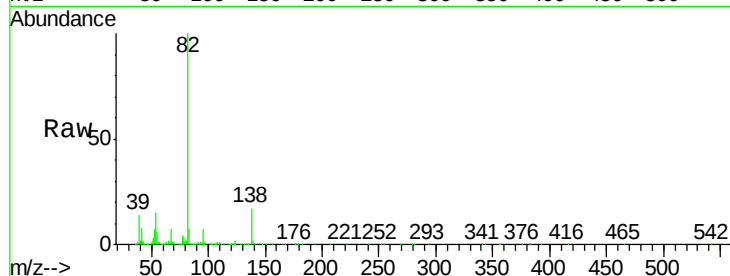
Tot Ion: 82 Resp: 1493753

Ion Ratio Lower Upper

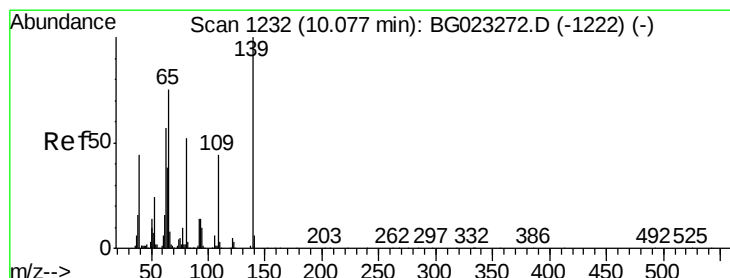
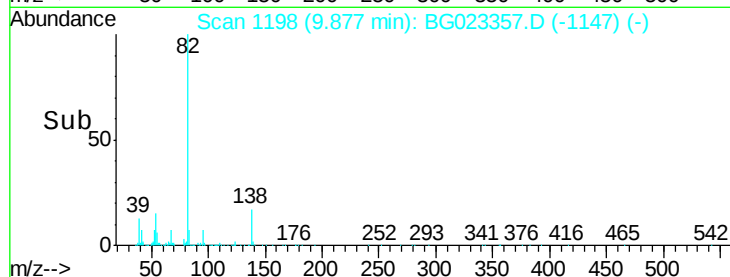
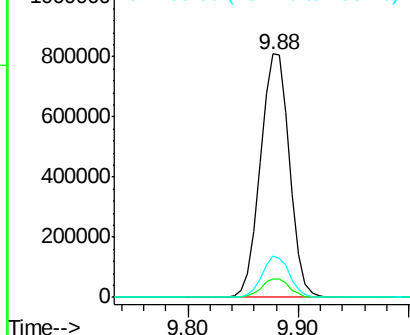
82 100

95 7.4 8.2 12.2#

138 16.9 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: 47.99 ng

RT: 10.08 min Scan# 1232

Delta R.T. -0.01 min

Lab File: BG023357.D

Acq: 30 Jul 2016 14:46

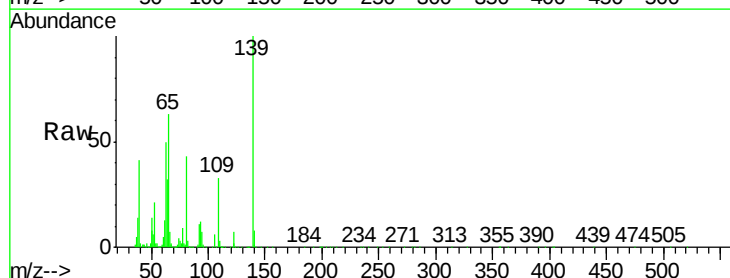
Tgt Ion: 139 Resp: 341569

Ion Ratio Lower Upper

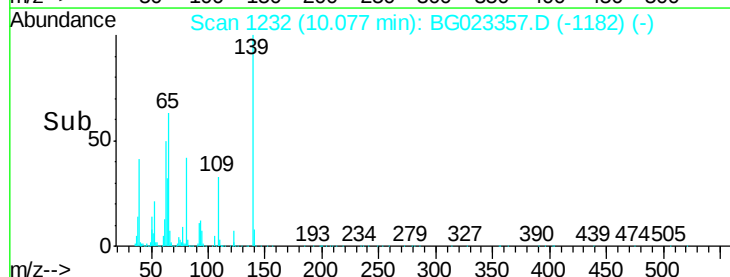
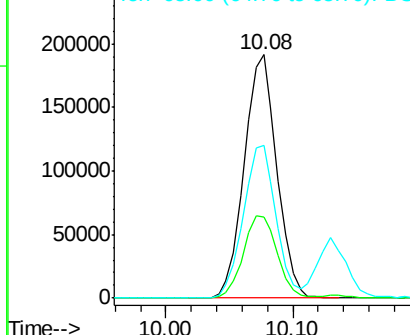
139 100

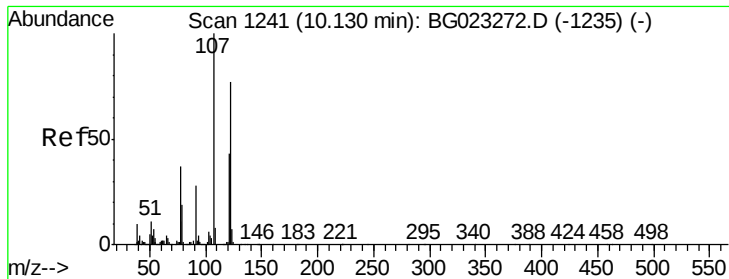
109 33.2 43.5 65.3#

65 62.8 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

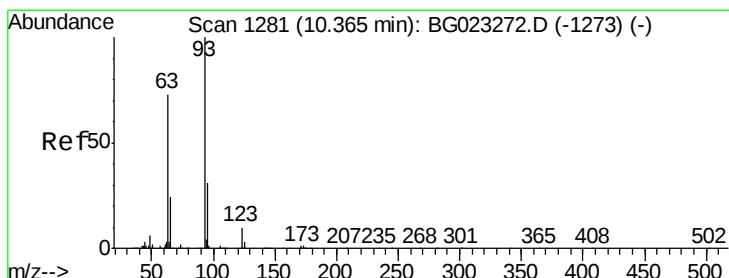
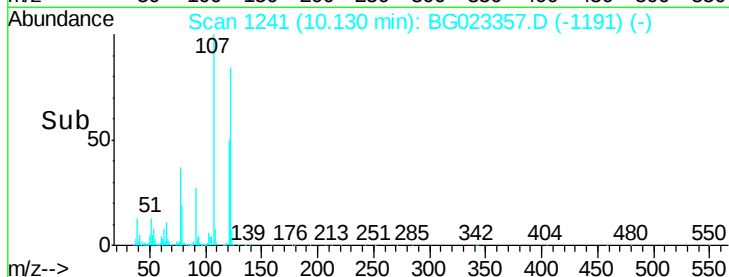
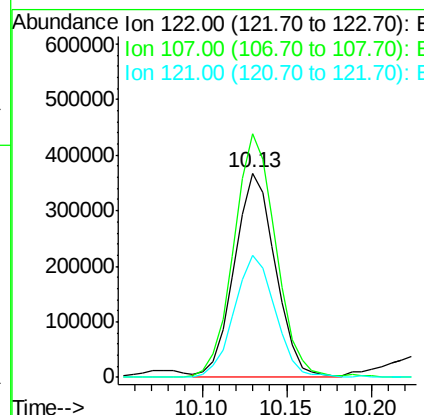
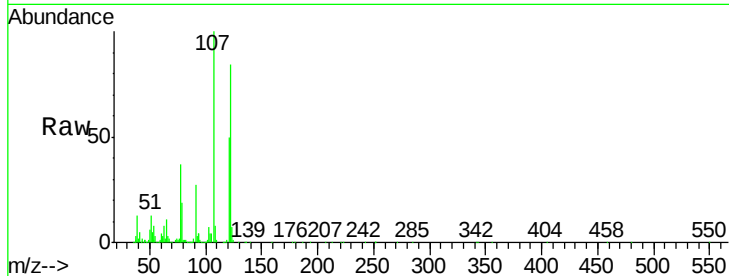




#27
 2,4-Dimethylphenol
 Concen: 51.40 ng
 RT: 10.13 min Scan# 1241
 Delta R.T. -0.01 min
 Lab File: BG023357.D
 Acq: 30 Jul 2016 14:46

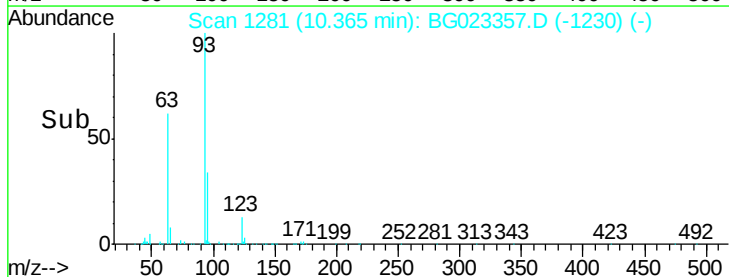
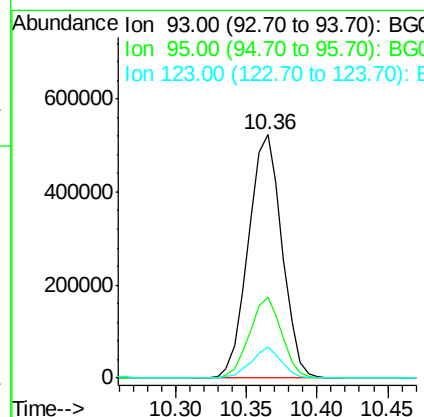
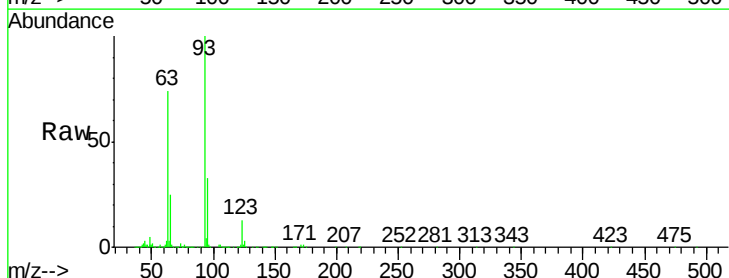
Instrument :
 BNA_G
 ClientSampled :

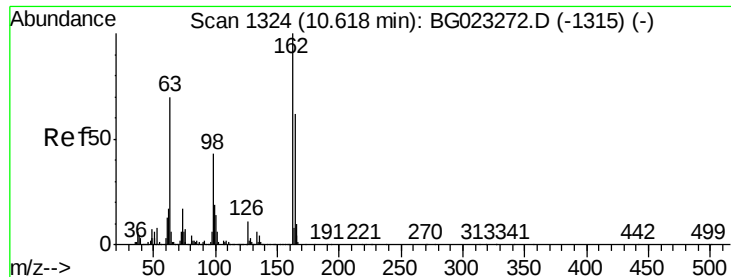
Tot Ion	Ratio	Lower	Upper
122	100		
107	119.3	117.0	175.4
121	59.6	50.1	75.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 46.38 ng
 RT: 10.36 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: BG023357.D
 Acq: 30 Jul 2016 14:46

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	25.4	38.2
123	12.6	8.2	12.2#

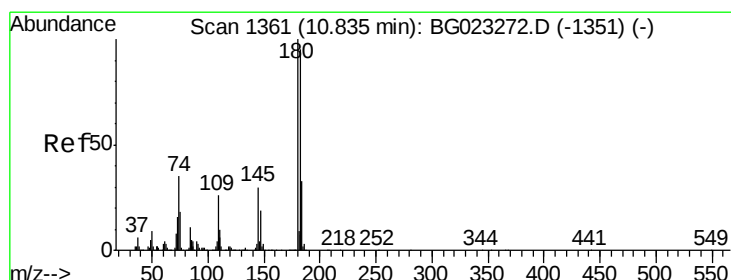
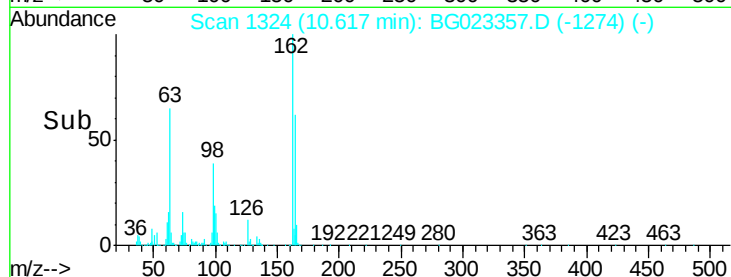
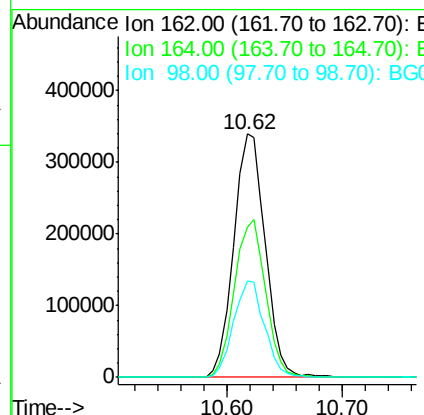
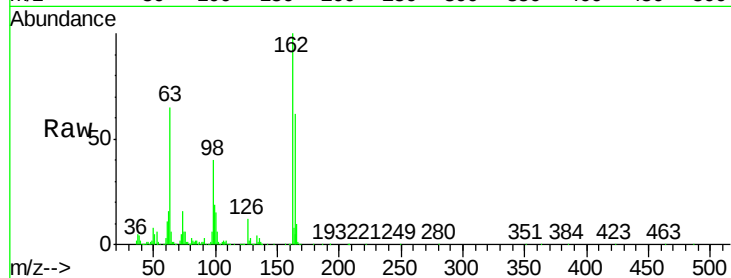




#29
 2,4-Dichlorophenol
 Concen: 55.19 ng
 RT: 10.62 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BG023357.D
 Acq: 30 Jul 2016 14:46

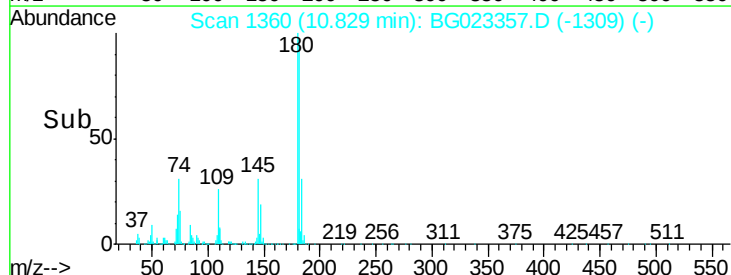
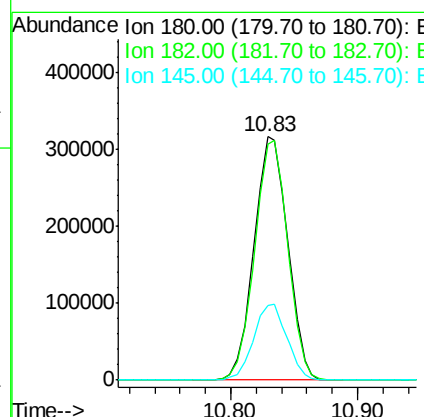
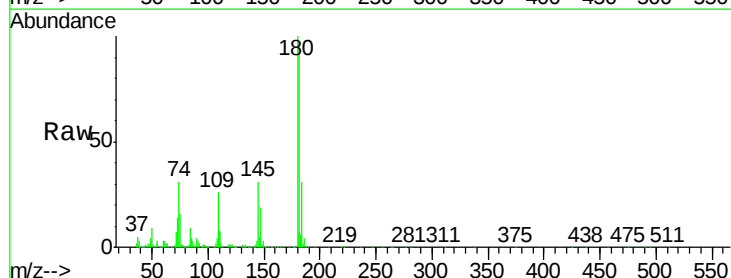
Instrument :
 BNA_G
 ClientSampleId :

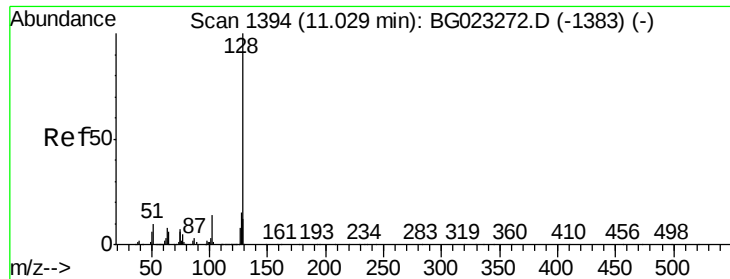
Tot Ion	Ratio	Lower	Upper
162	100		
164	61.7	44.3	84.3
98	39.5	19.5	59.5



#30
 1,2,4-Trichlorobenzene
 Concen: 45.73 ng
 RT: 10.83 min Scan# 1360
 Delta R.T. -0.00 min
 Lab File: BG023357.D
 Acq: 30 Jul 2016 14:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.2	73.8	110.8
145	30.8	24.4	36.6

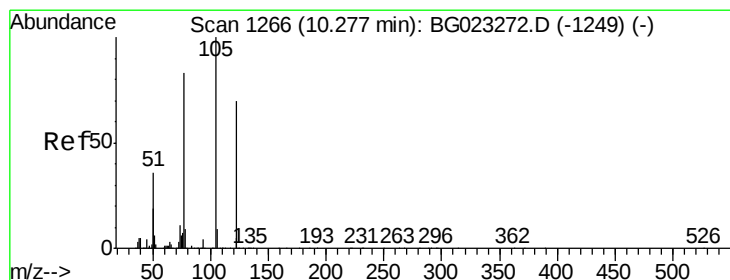
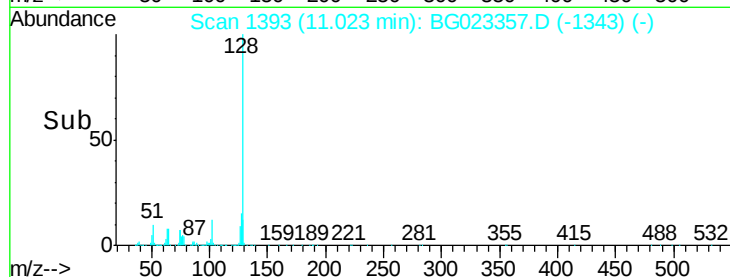
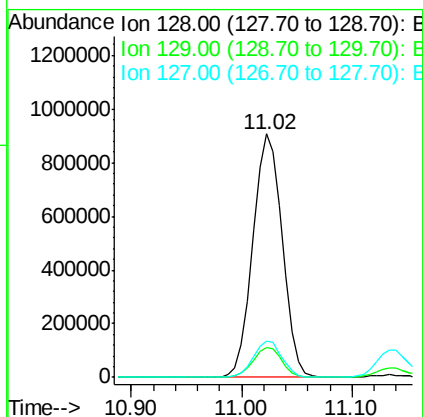
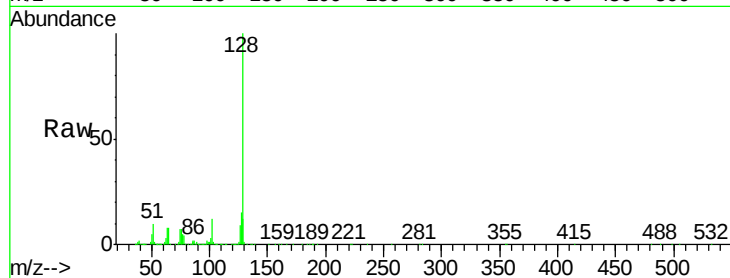




#31
Naphthalene
Concen: 45.95 ng
RT: 11.02 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BG023357.D
Acq: 30 Jul 2016 14:46

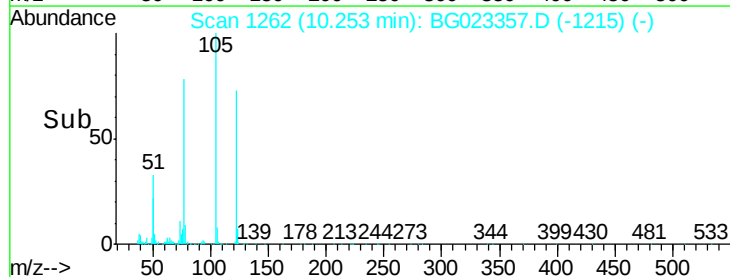
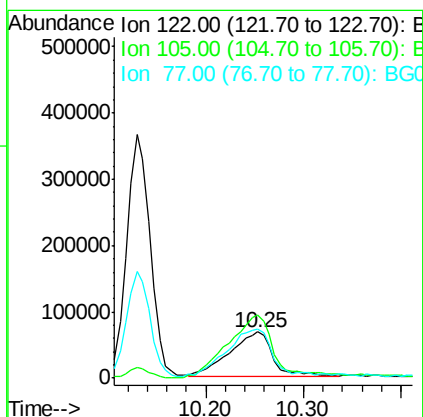
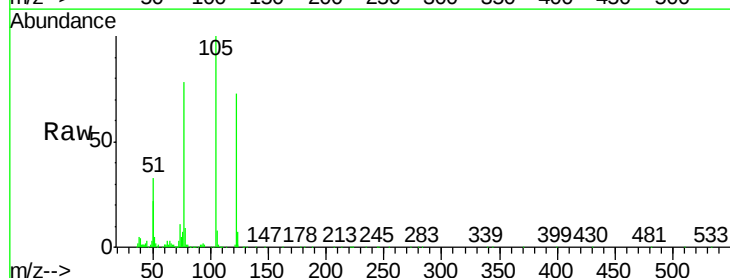
Instrument :
BNA_G
ClientSampleId :

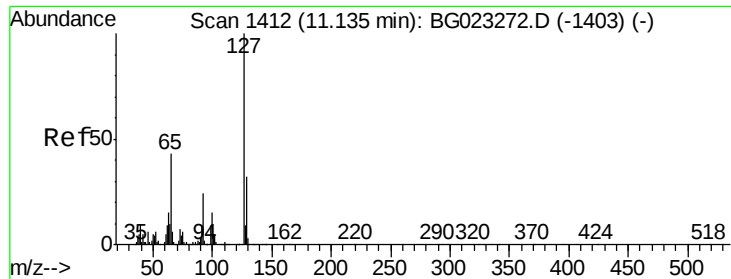
Tot Ion:128 Resp: 1694141
Ion Ratio Lower Upper
128 100
129 12.1 9.4 14.0
127 14.8 11.3 16.9



#32
Benzoic acid
Concen: 25.69 ng
RT: 10.25 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BG023357.D
Acq: 30 Jul 2016 14:46

Tgt Ion:122 Resp: 206593
Ion Ratio Lower Upper
122 100
105 136.2 117.2 157.2
77 106.6 109.2 149.2#

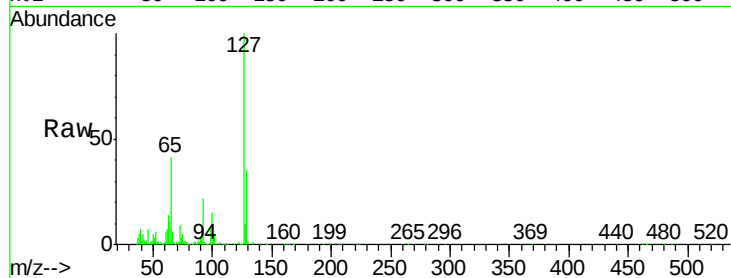




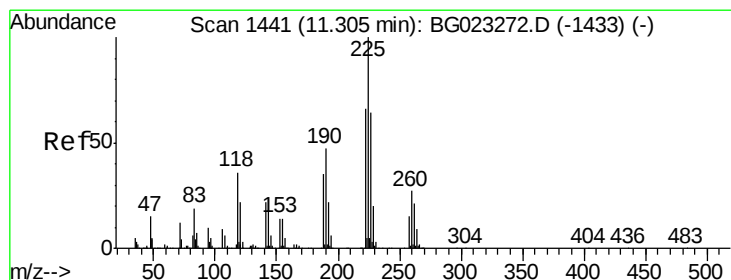
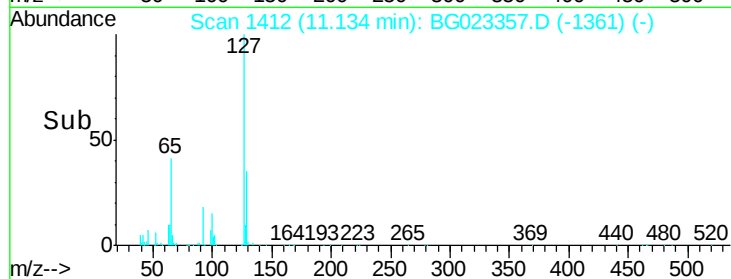
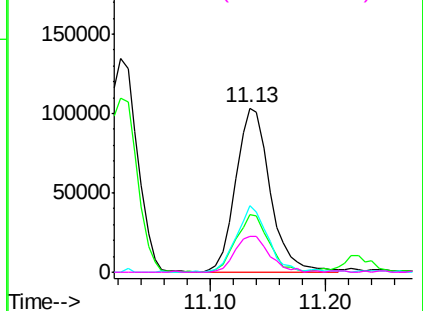
#33
4-Chloroaniline
Concen: 12.50 ng
RT: 11.13 min Scan# 1412
Delta R.T. -0.00 min
Lab File: BG023357.D
Acq: 30 Jul 2016 14:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	212878
Ion	Ratio	Lower	Upper
127	100		
129	34.9	27.9	41.9
65	40.5	36.8	55.2
92	22.0	21.0	31.6

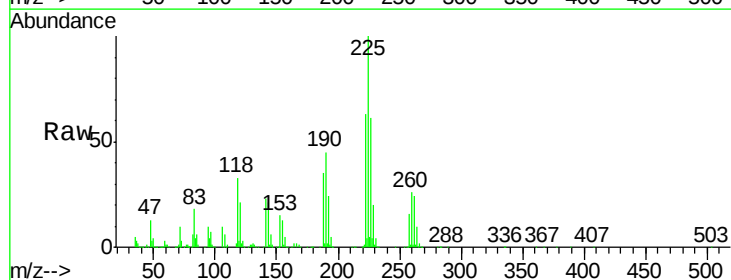


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

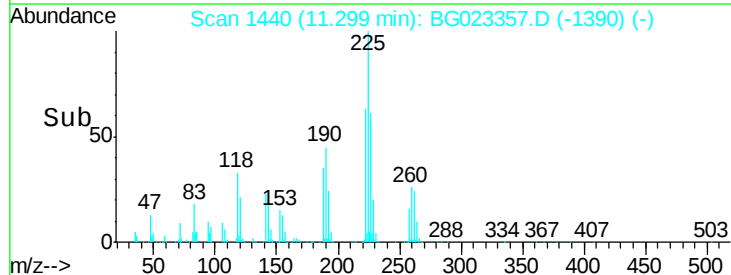
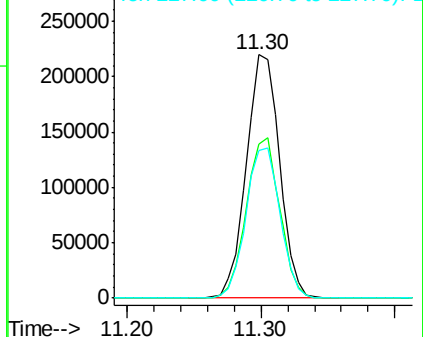


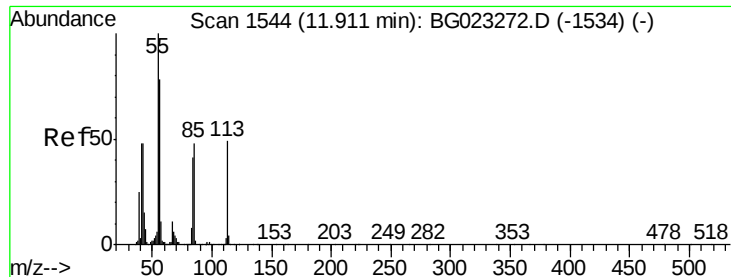
#34
Hexachlorobutadiene
Concen: 44.76 ng
RT: 11.30 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BG023357.D
Acq: 30 Jul 2016 14:46

Tgt Ion:	225	Resp:	376487
Ion	Ratio	Lower	Upper
225	100		
223	63.1	49.6	74.4
227	60.8	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: 46.78 ng

RT: 11.92 min Scan# 1545

Delta R.T. 0.03 min

Lab File: BG023357.D

Acq: 30 Jul 2016 14:46

Instrument :

BNA_G

ClientSampleId :

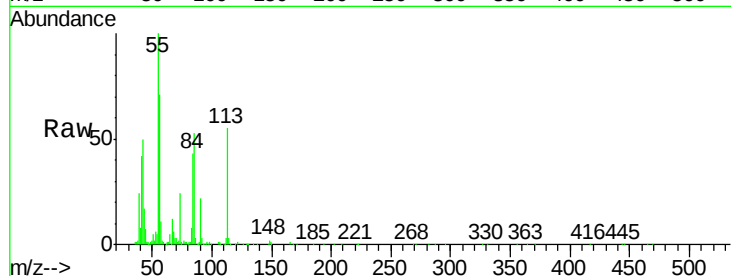
Tot Ion:113 Resp: 231017

Ion Ratio Lower Upper

113 100

55 183.2 154.5 194.5

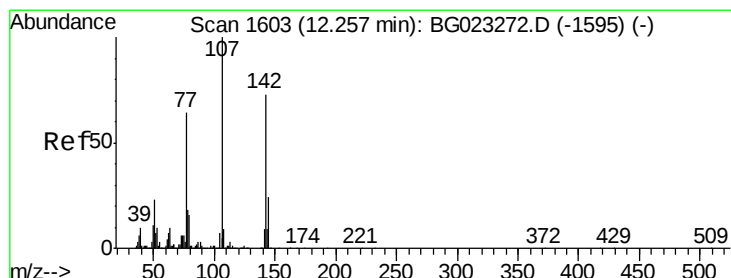
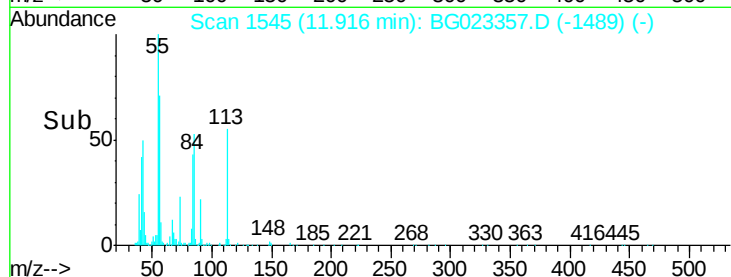
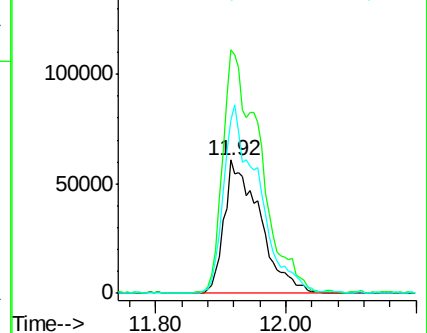
56 130.3 125.1 165.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 48.58 ng

RT: 12.26 min Scan# 1604

Delta R.T. 0.00 min

Lab File: BG023357.D

Acq: 30 Jul 2016 14:46

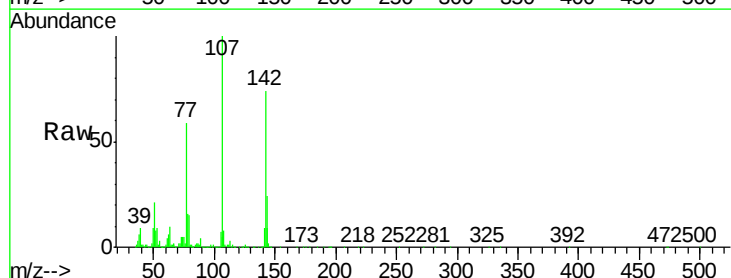
Tgt Ion:107 Resp: 741259

Ion Ratio Lower Upper

107 100

144 24.1 17.0 25.6

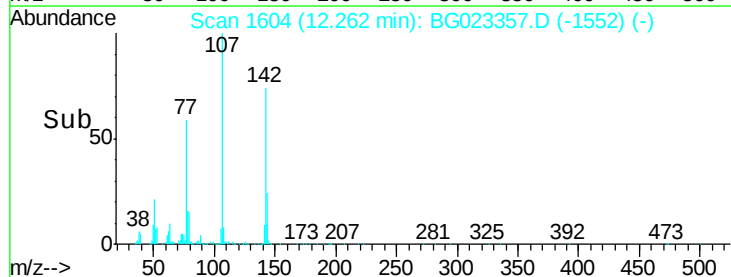
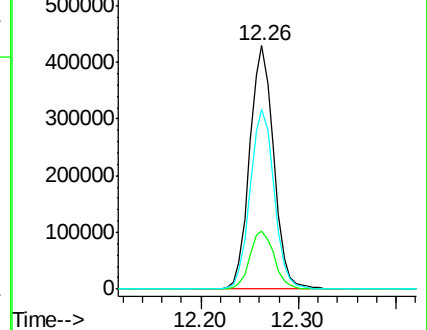
142 73.6 53.0 79.6

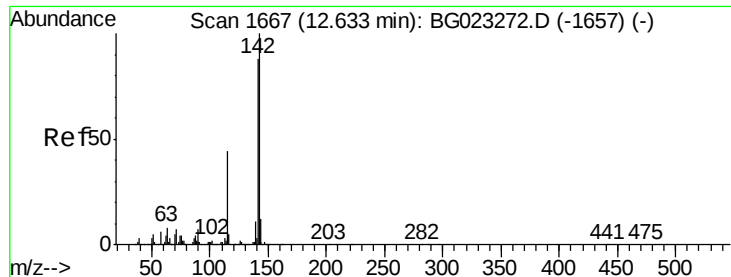


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

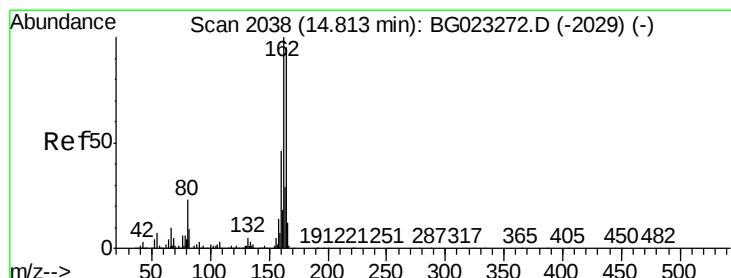
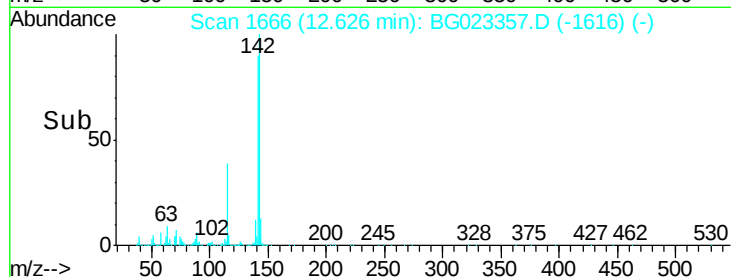
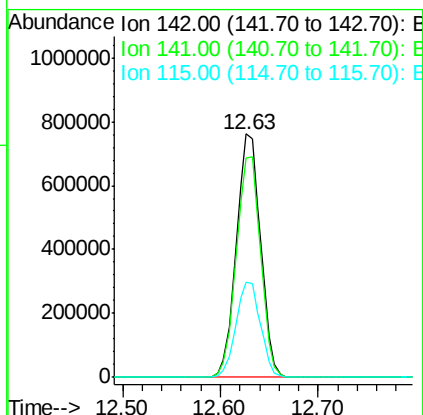
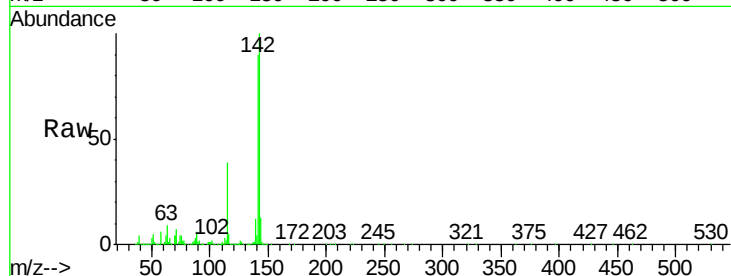




#37
2-Methylnaphthalene
Concen: 47.92 ng
RT: 12.63 min Scan# 1666
Delta R.T. -0.01 min
Lab File: BG023357.D
Acq: 30 Jul 2016 14:46

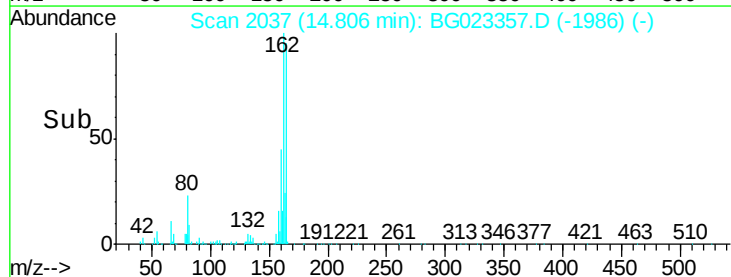
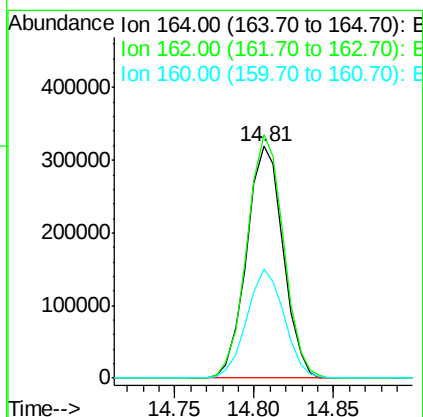
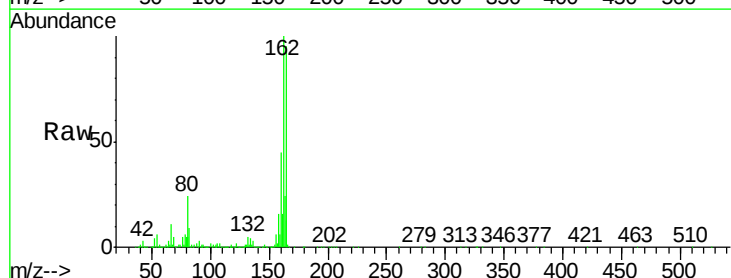
Instrument :
BNA_G
ClientSampleId :

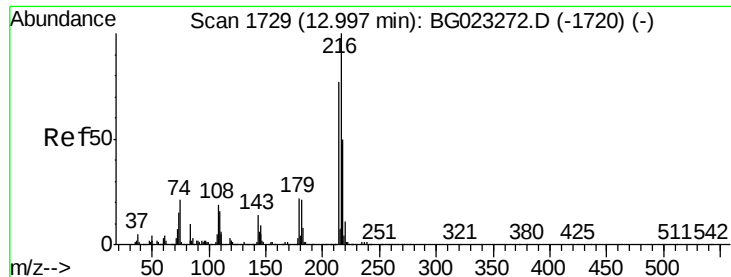
Tot Ion:142 Resp: 1309957
Ion Ratio Lower Upper
142 100
141 90.1 70.2 105.2
115 39.3 41.7 62.5#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.81 min Scan# 2037
Delta R.T. -0.00 min
Lab File: BG023357.D
Acq: 30 Jul 2016 14:46

Tgt Ion:164 Resp: 510081
Ion Ratio Lower Upper
164 100
162 105.1 87.7 131.5
160 47.3 37.2 55.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.12 ng

RT: 13.00 min Scan# 1729

Delta R.T. -0.00 min

Lab File: BG023357.D

Acq: 30 Jul 2016 14:46

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 629462

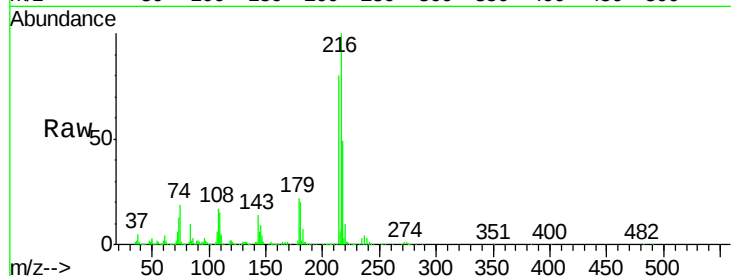
Ion Ratio Lower Upper

216 100

214 80.1 62.9 94.3

179 22.0 17.2 25.8

108 21.8 16.3 24.5

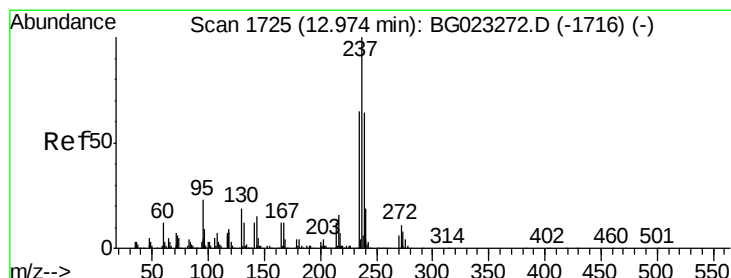
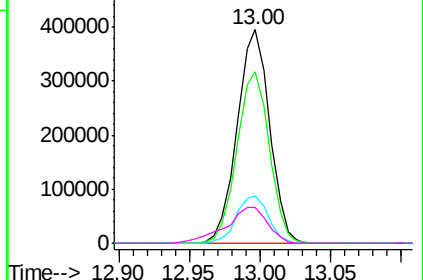
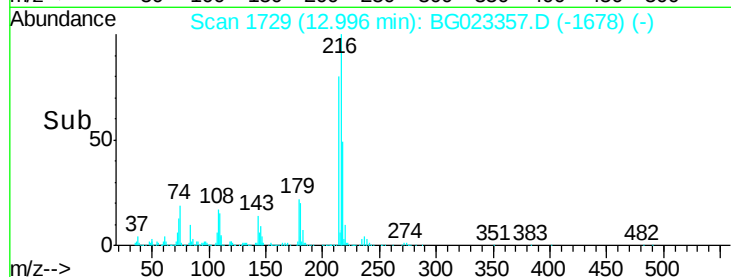


Abundance Ion 216.00 (215.70 to 216.70): E

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: 113.41 ng

RT: 12.97 min Scan# 1724

Delta R.T. -0.01 min

Lab File: BG023357.D

Acq: 30 Jul 2016 14:46

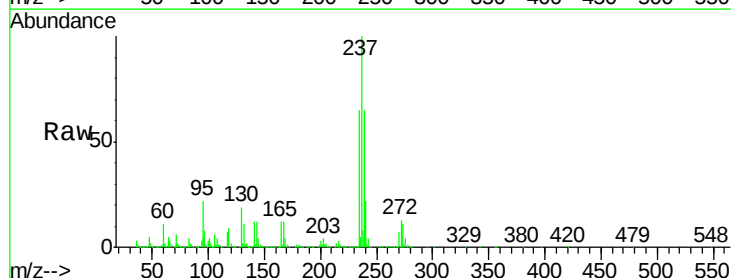
Tgt Ion:237 Resp: 887486

Ion Ratio Lower Upper

237 100

235 64.8 43.1 83.1

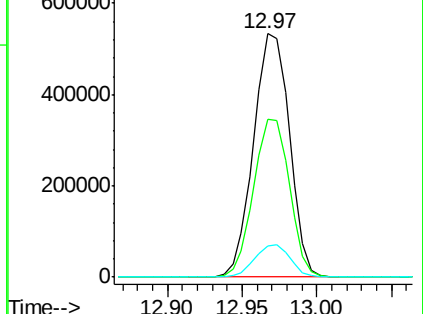
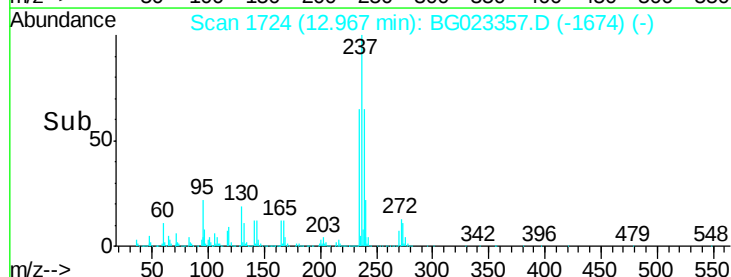
272 12.8 0.0 30.9

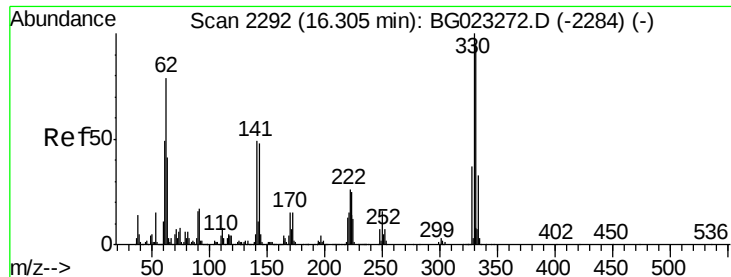


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 167.81 ng

RT: 16.31 min Scan# 2293

Delta R.T. 0.00 min

Lab File: BG023357.D

Acq: 30 Jul 2016 14:46

Instrument :

BNA_G

ClientSampleId :

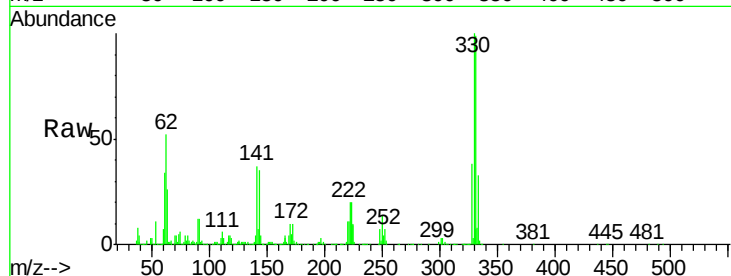
Tot Ion:330 Resp: 885955

Ion Ratio Lower Upper

330 100

332 98.7 77.4 116.2

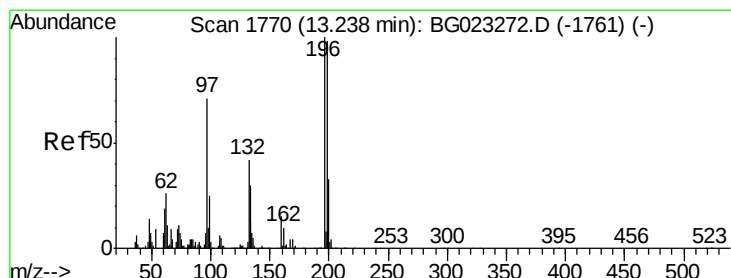
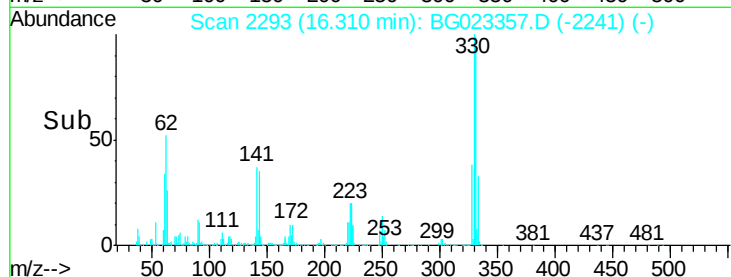
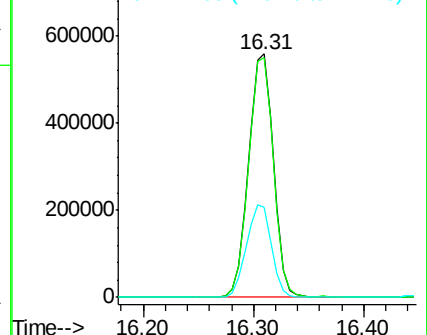
141 38.3 31.7 47.5



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: 55.05 ng

RT: 13.24 min Scan# 1770

Delta R.T. -0.01 min

Lab File: BG023357.D

Acq: 30 Jul 2016 14:46

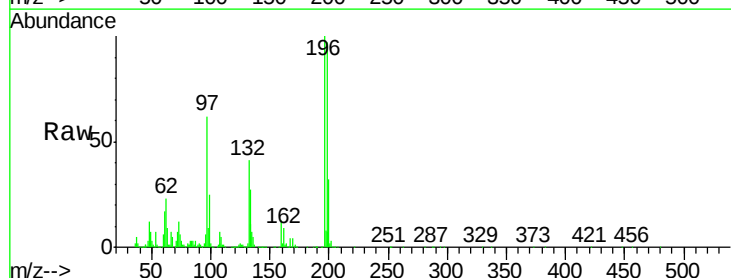
Tgt Ion:196 Resp: 533942

Ion Ratio Lower Upper

196 100

198 97.1 78.2 117.2

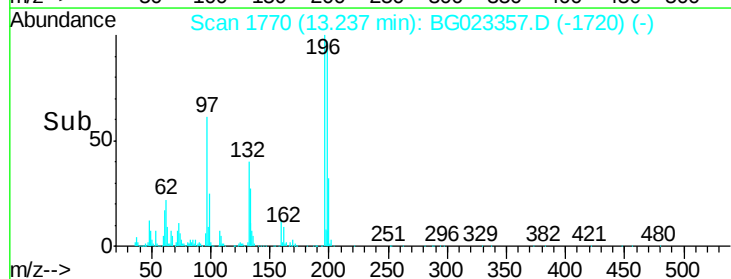
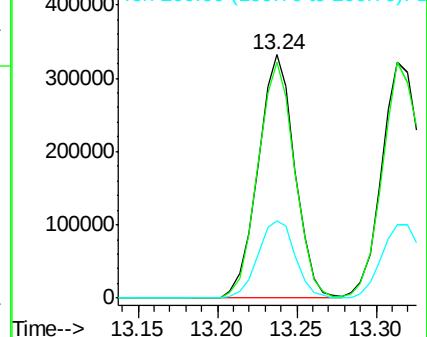
200 31.6 27.0 40.4

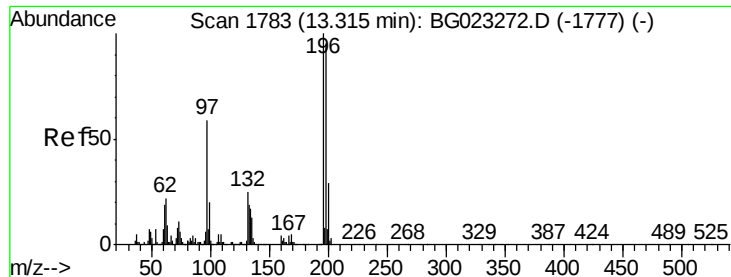


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

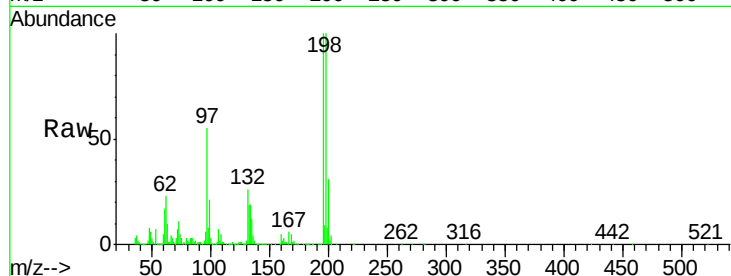




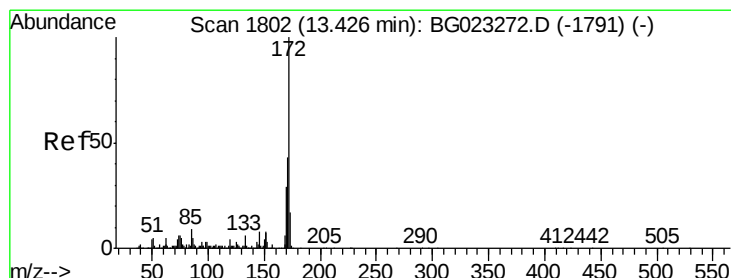
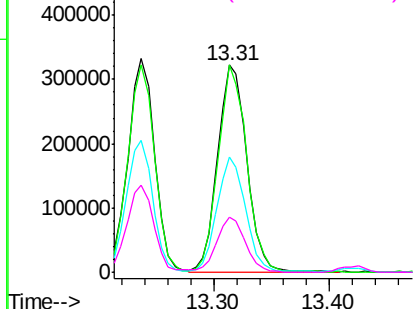
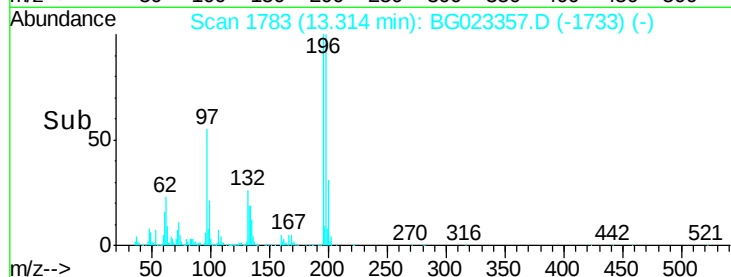
#43
2,4,5-Trichlorophenol
Concen: 54.80 ng
RT: 13.31 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BG023357.D
Acq: 30 Jul 2016 14:46

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	99.9	85.7	128.5
97	55.4	45.5	68.3
132	26.5	18.9	28.3

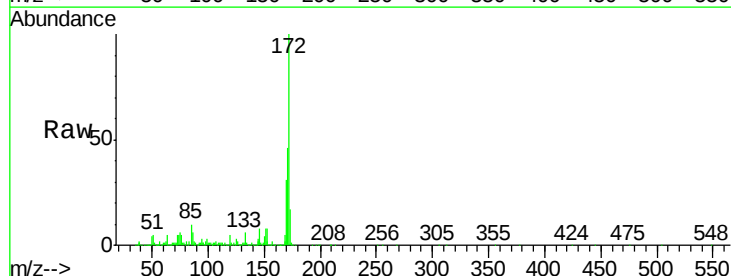


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BGC
Ion 132.00 (131.70 to 132.70): E

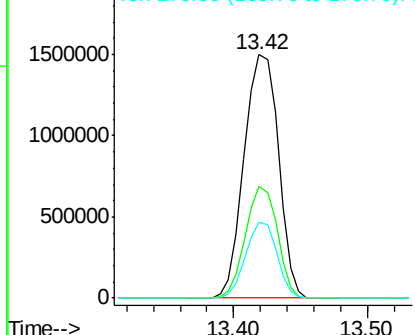
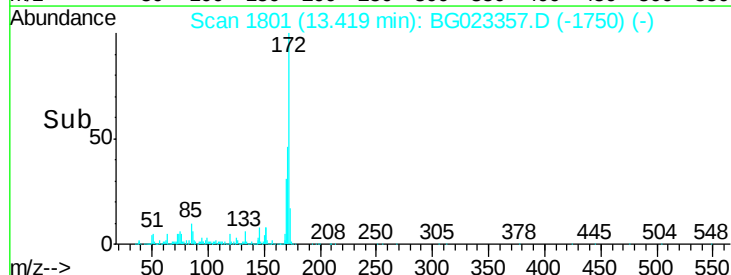


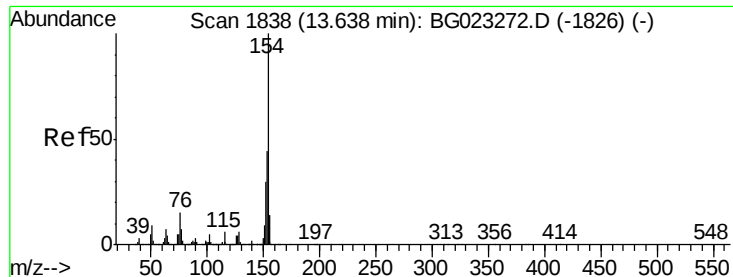
#44
2-Fluorobiphenyl
Concen: 97.91 ng
RT: 13.42 min Scan# 1801
Delta R.T. -0.00 min
Lab File: BG023357.D
Acq: 30 Jul 2016 14:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	46.1	31.6	47.4
170	31.1	21.3	31.9



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

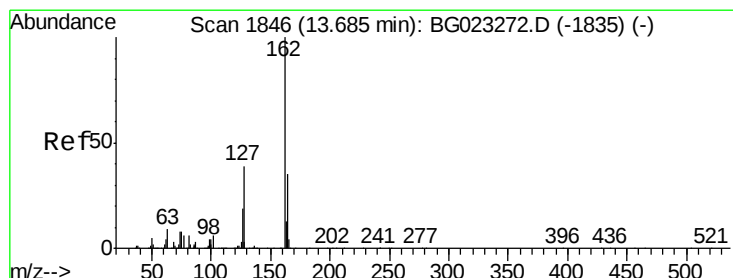
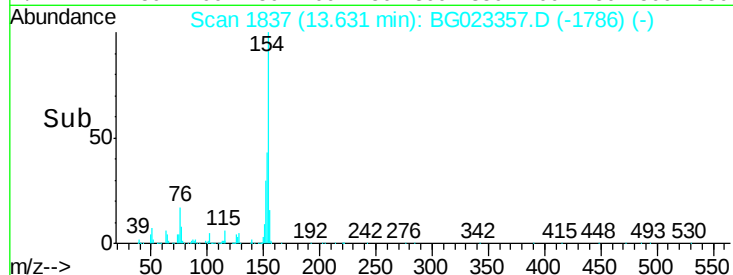
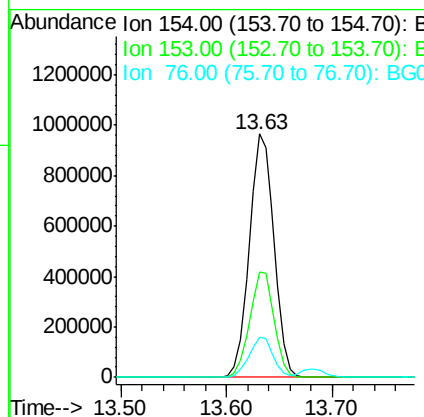
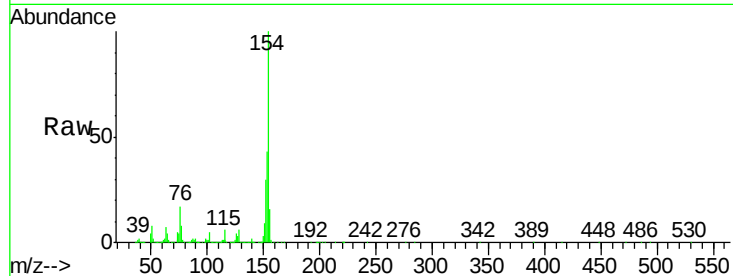




#45
1,1'-Biphenyl
Concen: 43.96 ng
RT: 13.63 min Scan# 1837
Delta R.T. -0.00 min
Lab File: BG023357.D
Acq: 30 Jul 2016 14:46

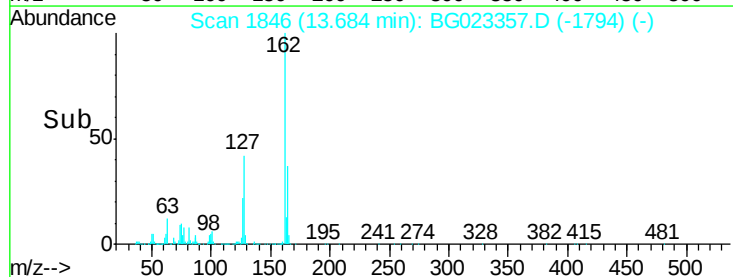
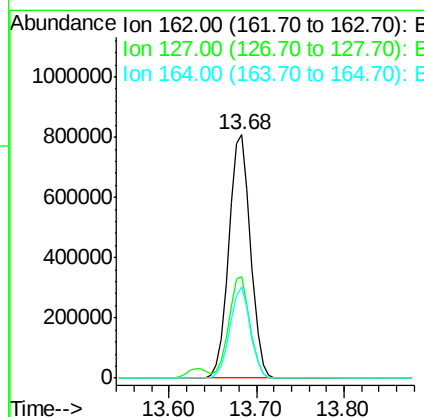
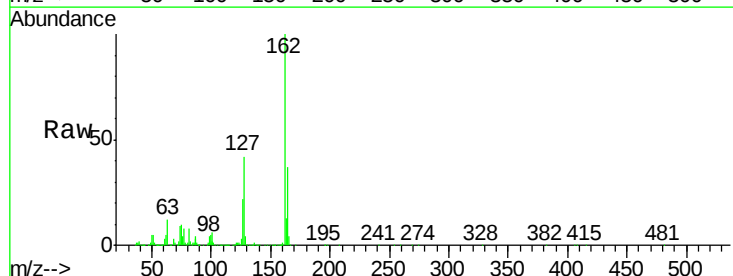
Instrument :
BNA_G
ClientSampleId :

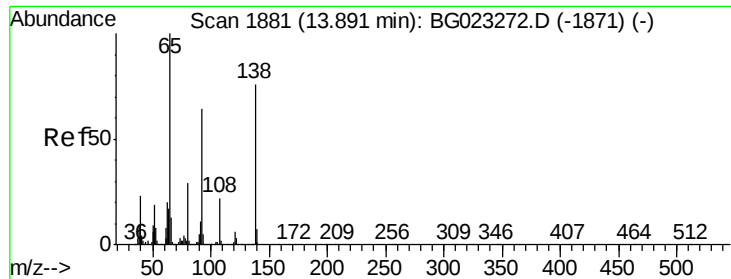
Tot Ion:154 Resp: 1563873
Ion Ratio Lower Upper
154 100
153 43.3 20.2 60.2
76 16.6 0.0 32.9



#46
2-Chloronaphthalene
Concen: 47.75 ng
RT: 13.68 min Scan# 1846
Delta R.T. 0.00 min
Lab File: BG023357.D
Acq: 30 Jul 2016 14:46

Tgt Ion:162 Resp: 1361123
Ion Ratio Lower Upper
162 100
127 41.7 32.4 48.6
164 37.3 25.2 37.8

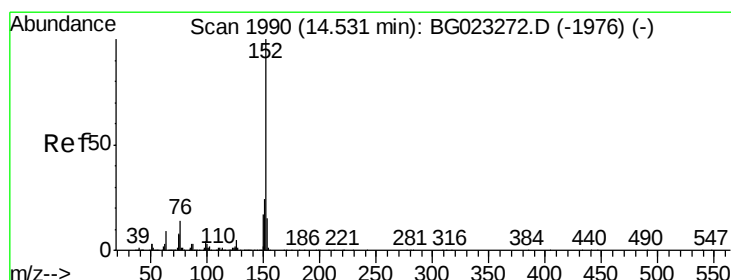
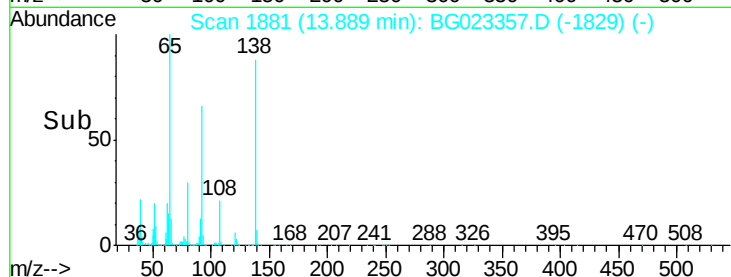
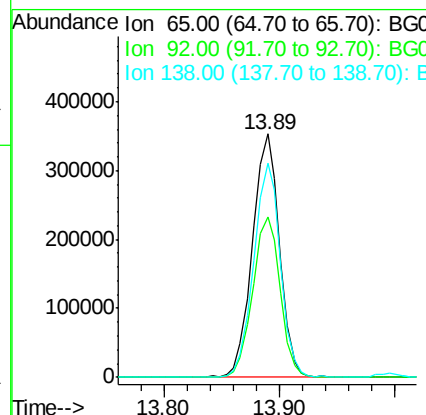
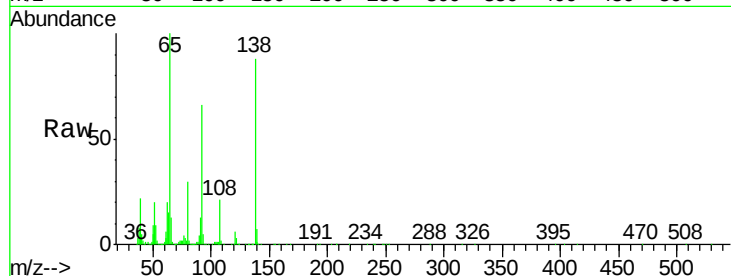




#47
2-Nitroaniline
Concen: 47.73 ng
RT: 13.89 min Scan# 1881
Delta R.T. 0.00 min
Lab File: BG023357.D
Acq: 30 Jul 2016 14:46

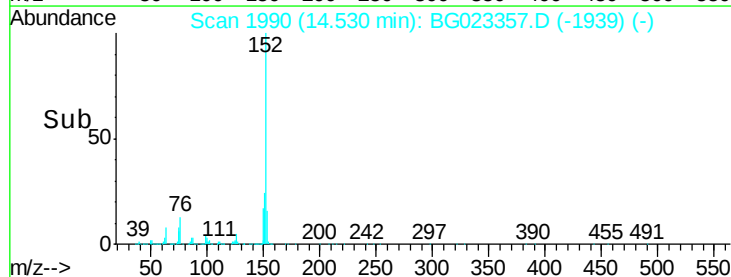
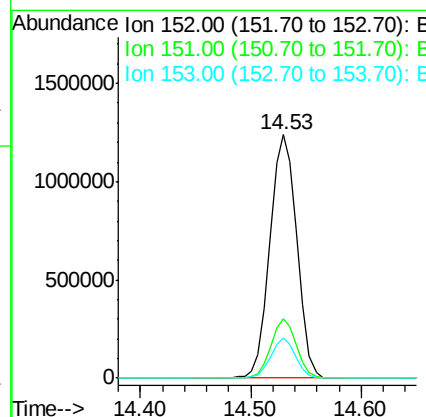
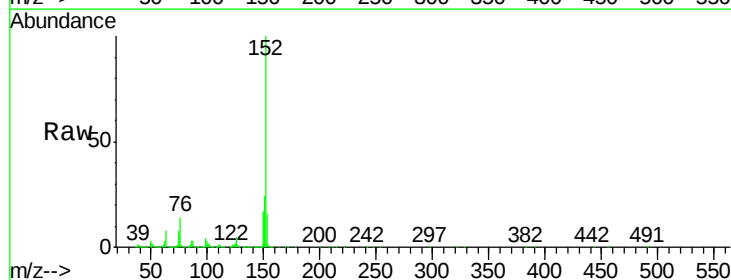
Instrument :
BNA_G
ClientSampleId :

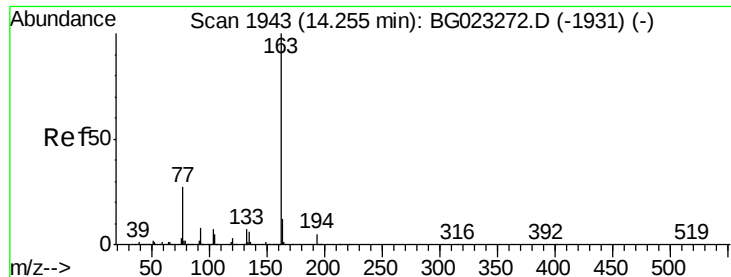
Tot Ion: 65 Resp: 575639
Ion Ratio Lower Upper
65 100
92 65.9 49.4 74.0
138 88.1 58.0 87.0#



#48
Acenaphthylene
Concen: 48.38 ng
RT: 14.53 min Scan# 1990
Delta R.T. -0.00 min
Lab File: BG023357.D
Acq: 30 Jul 2016 14:46

Tgt Ion: 152 Resp: 2111615
Ion Ratio Lower Upper
152 100
151 24.3 17.6 26.4
153 16.5 11.4 17.2





#49

Dimethylphthalate

Concen: 46.40 ng

RT: 14.25 min Scan# 1943

Delta R.T. 0.00 min

Lab File: BG023357.D

Acq: 30 Jul 2016 14:46

Instrument :

BNA_G

ClientSampleId :

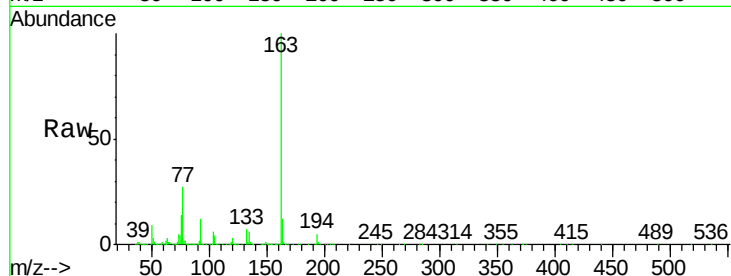
Tot Ion:163 Resp: 1746526

Ion Ratio Lower Upper

163 100

194 4.5 3.6 5.4

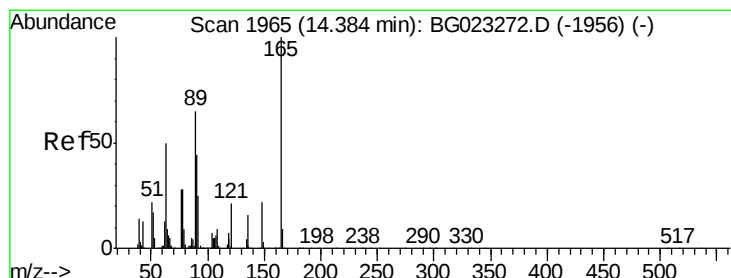
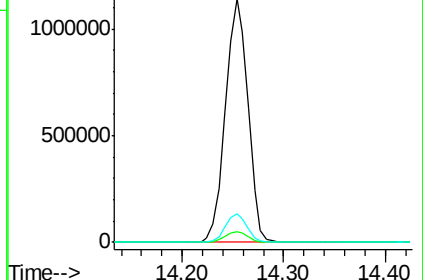
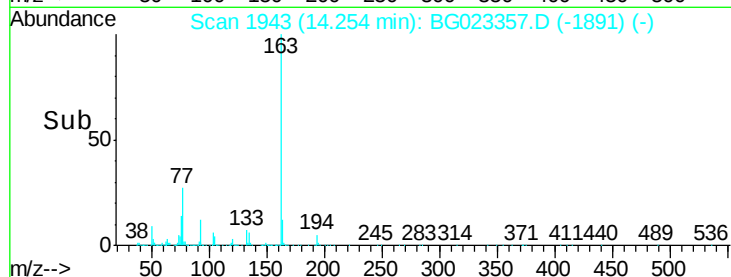
164 11.7 8.1 12.1



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: 48.49 ng

RT: 14.38 min Scan# 1965

Delta R.T. 0.01 min

Lab File: BG023357.D

Acq: 30 Jul 2016 14:46

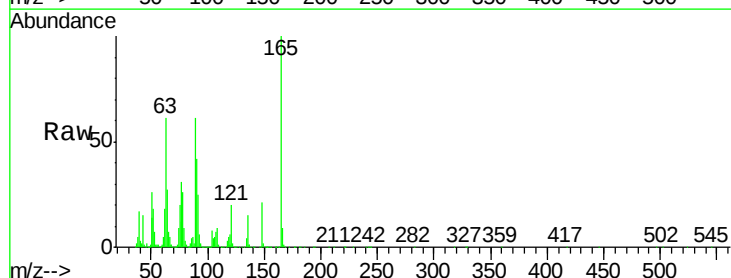
Tgt Ion:165 Resp: 427423

Ion Ratio Lower Upper

165 100

63 60.6 64.3 96.5#

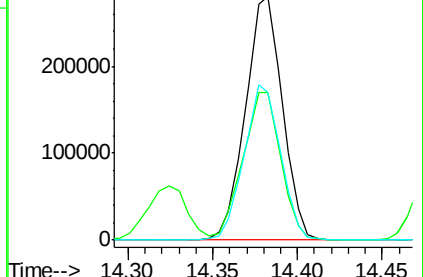
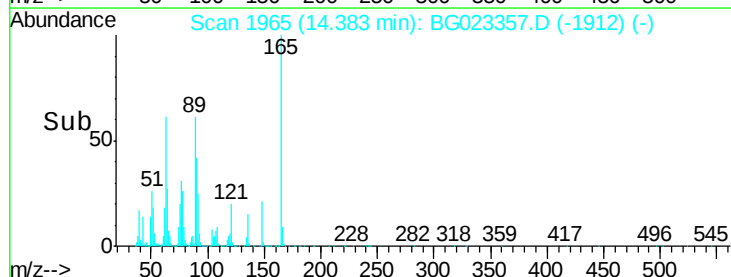
89 60.7 64.3 96.5#

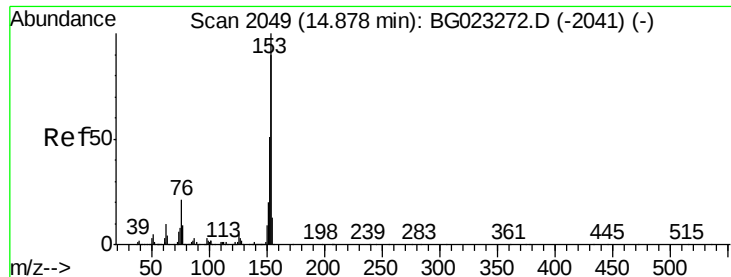


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 48.28 ng

RT: 14.87 min Scan# 2048

Delta R.T. -0.00 min

Lab File: BG023357.D

Acq: 30 Jul 2016 14:46

Instrument :

BNA_G

ClientSampleId :

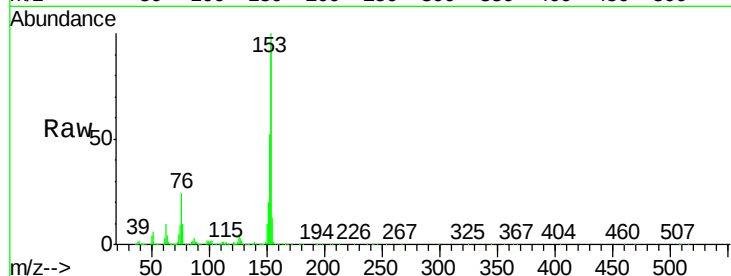
Tot Ion:154 Resp: 1366828

Ion Ratio Lower Upper

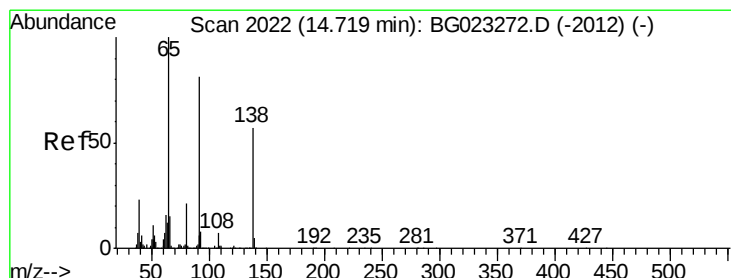
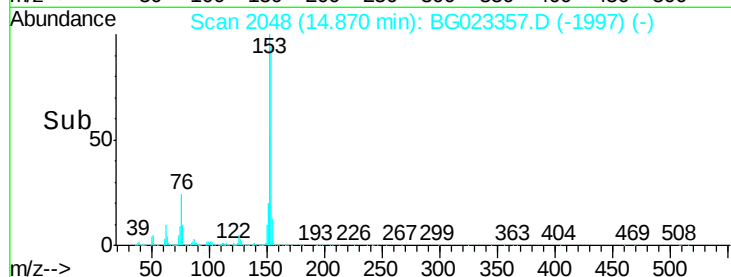
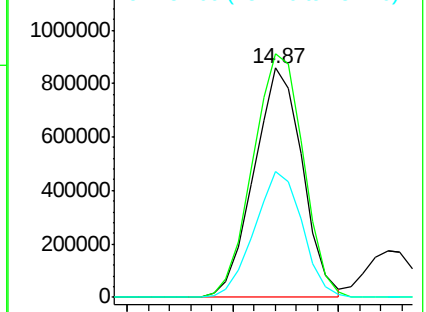
154 100

153 106.1 87.5 131.3

152 55.0 42.7 64.1



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 25.20 ng

RT: 14.72 min Scan# 2022

Delta R.T. 0.00 min

Lab File: BG023357.D

Acq: 30 Jul 2016 14:46

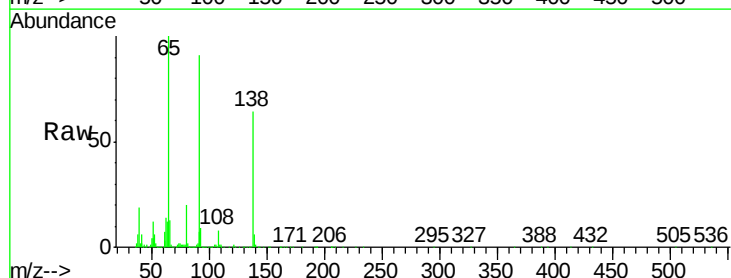
Tgt Ion:138 Resp: 223711

Ion Ratio Lower Upper

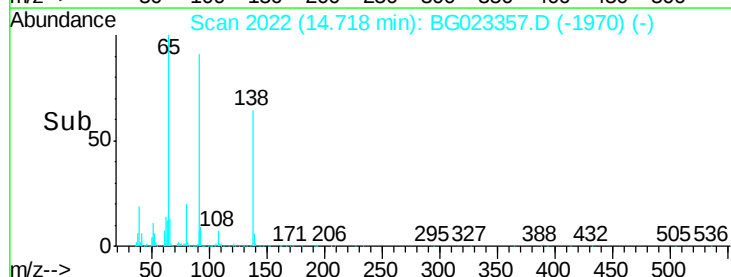
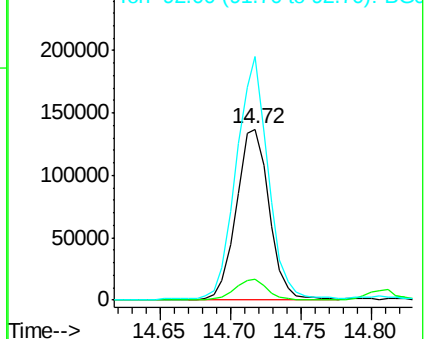
138 100

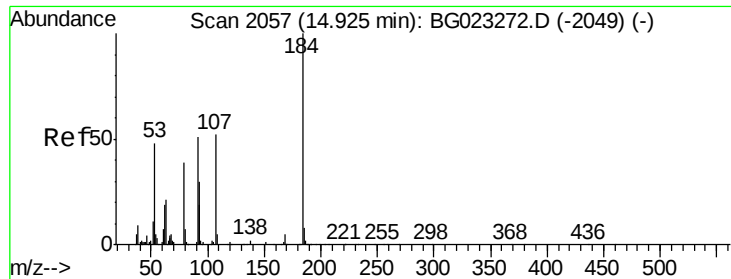
108 11.9 11.7 17.5

92 142.2 129.7 194.5



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

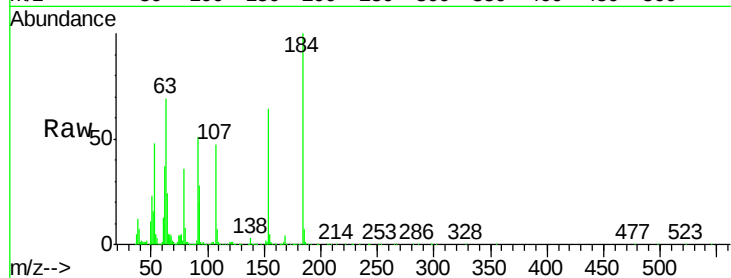




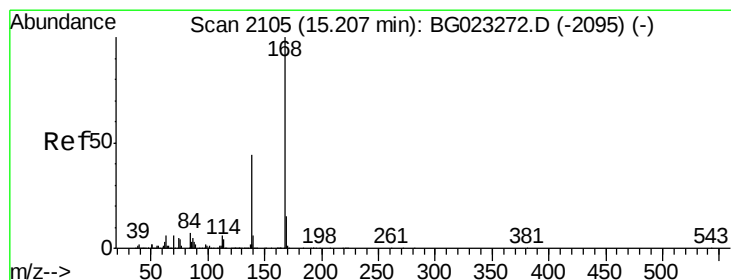
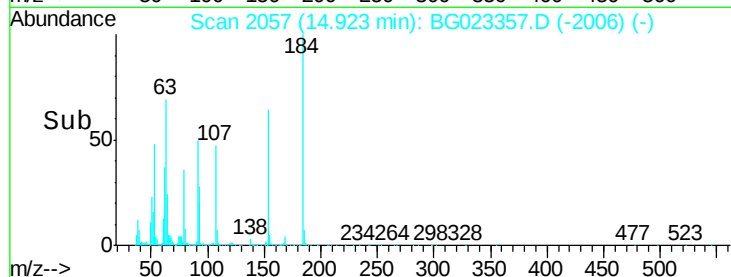
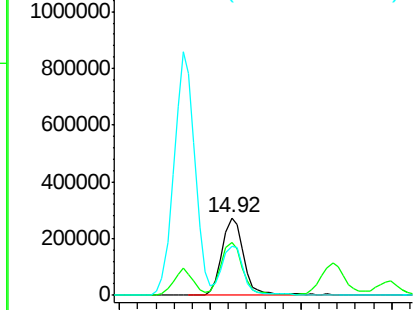
#53
2,4-Dinitrophenol
Concen: 89.66 ng
RT: 14.92 min Scan# 2057
Delta R.T. -0.00 min
Lab File: BG023357.D
Acq: 30 Jul 2016 14:46

Instrument :
BNA_G
ClientSampled :

Tot Ion:184 Resp: 462779
Ion Ratio Lower Upper
184 100
63 68.7 59.6 89.4
154 64.1 67.4 101.0#

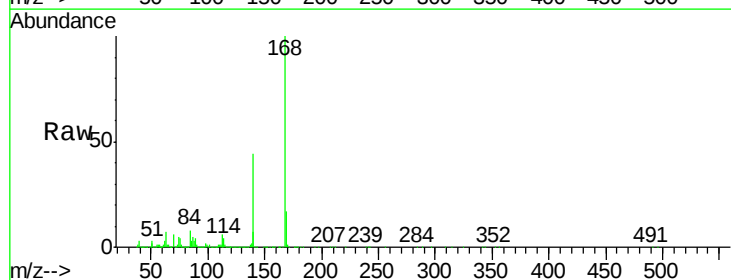


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

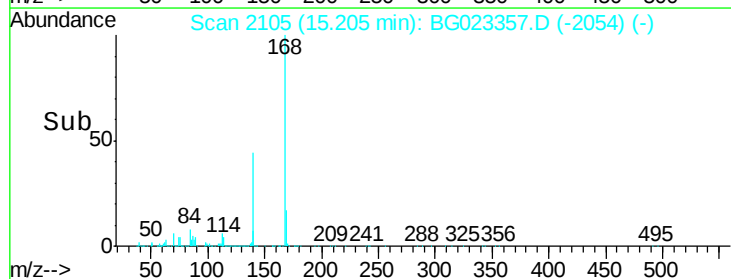
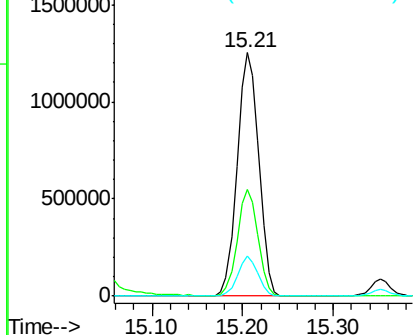


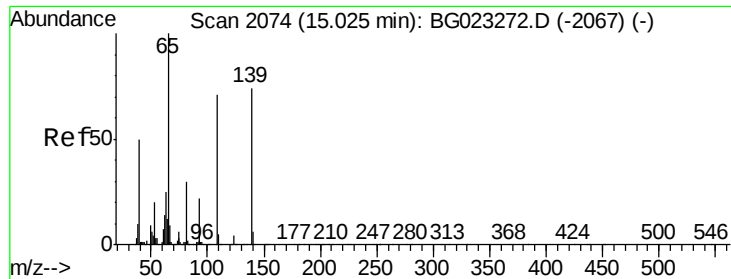
#54
Dibenzofuran
Concen: 51.72 ng
RT: 15.21 min Scan# 2105
Delta R.T. -0.00 min
Lab File: BG023357.D
Acq: 30 Jul 2016 14:46

Tgt Ion:168 Resp: 2071813
Ion Ratio Lower Upper
168 100
139 43.6 36.4 54.6
169 16.6 11.9 17.9



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

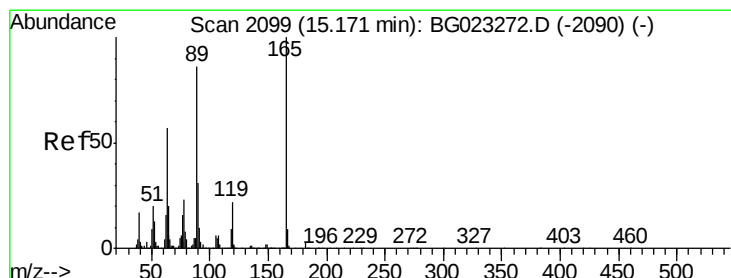
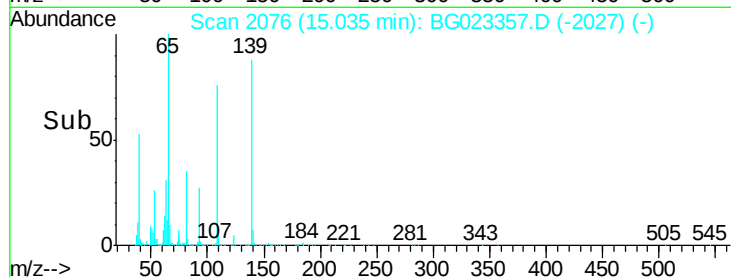
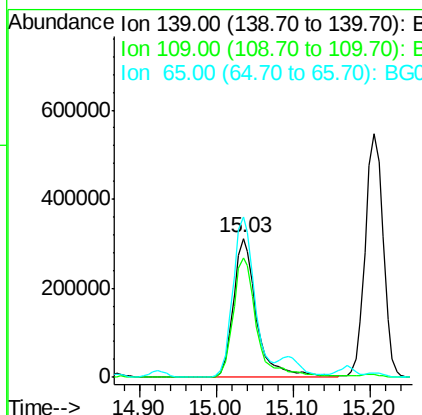
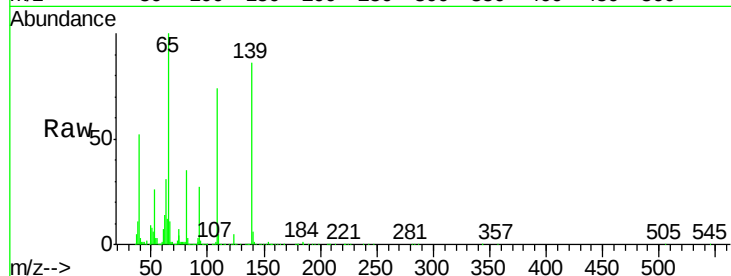




#55
4-Nitrophenol
Concen: 85.77 ng
RT: 15.03 min Scan# 2076
Delta R.T. -0.01 min
Lab File: BG023357.D
Acq: 30 Jul 2016 14:46

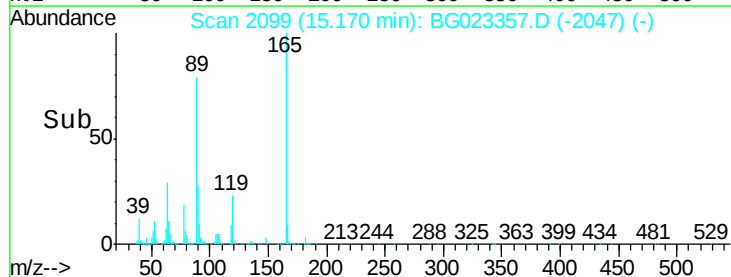
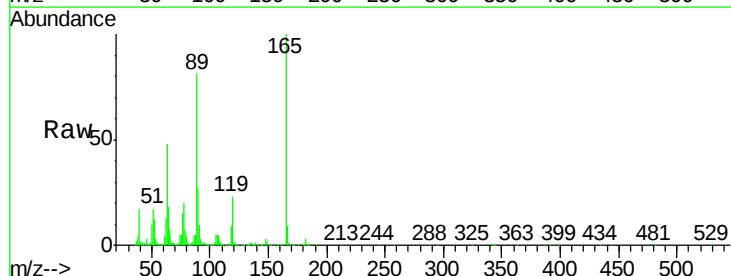
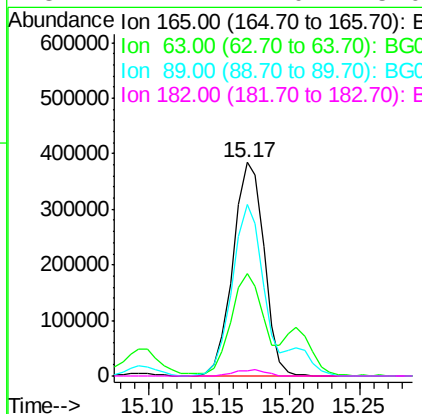
Instrument :
BNA_G
ClientSampleId :

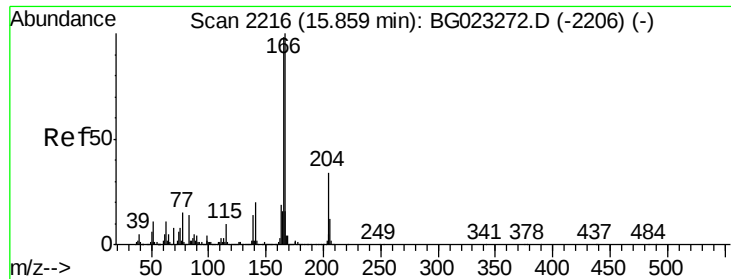
Tot Ion:139 Resp: 660535
Ion Ratio Lower Upper
139 100
109 85.8 103.0 143.0#
65 115.7 112.7 152.7



#56
2,4-Dinitrotoluene
Concen: 47.71 ng
RT: 15.17 min Scan# 2099
Delta R.T. 0.00 min
Lab File: BG023357.D
Acq: 30 Jul 2016 14:46

Tgt Ion:165 Resp: 592190
Ion Ratio Lower Upper
165 100
63 48.1 45.8 68.6
89 80.6 68.6 102.8
182 2.7 2.0 3.0

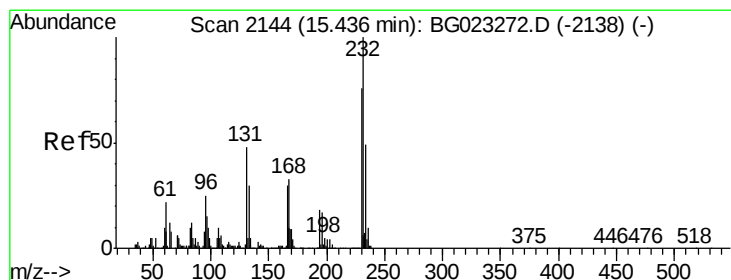
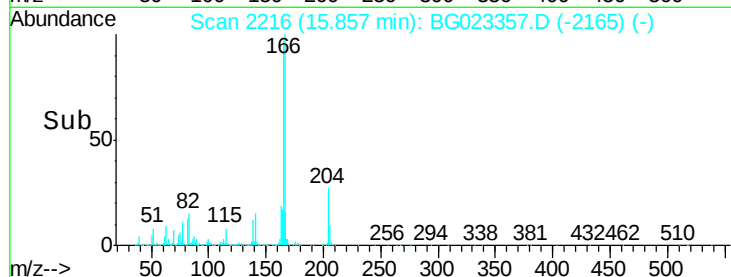
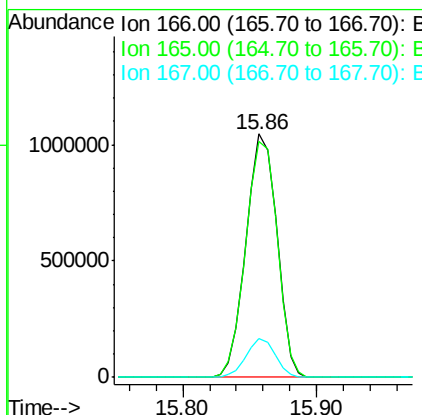
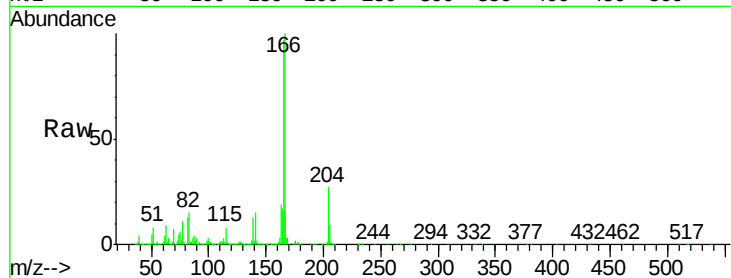




#57
 Fluorene
 Concen: 47.28 ng
 RT: 15.86 min Scan# 2216
 Delta R.T. -0.00 min
 Lab File: BG023357.D
 Acq: 30 Jul 2016 14:46

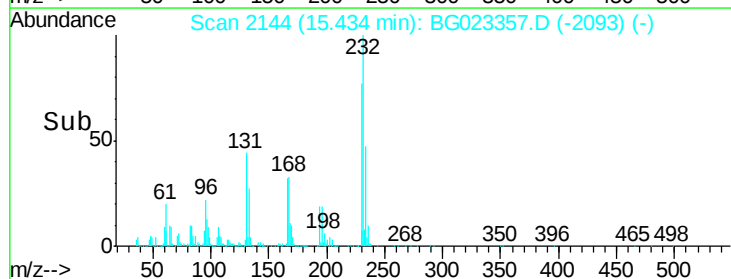
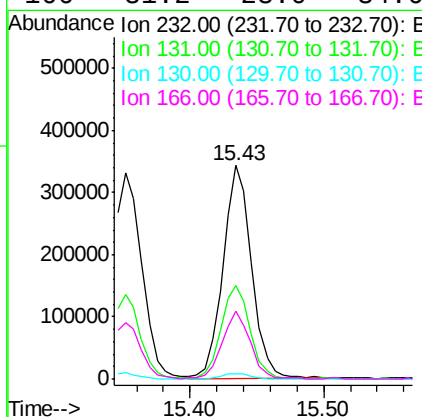
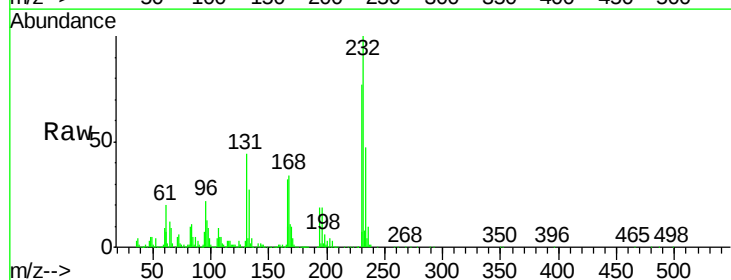
Instrument :
 BNA_G
 ClientSampleId :

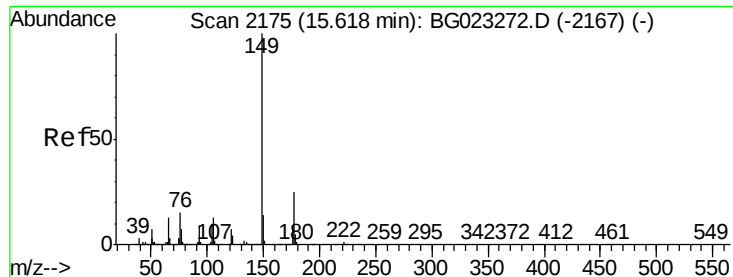
Tot Ion:166 Resp: 1672286
 Ion Ratio Lower Upper
 166 100
 165 96.7 81.0 121.6
 167 16.0 12.0 18.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 58.56 ng
 RT: 15.43 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: BG023357.D
 Acq: 30 Jul 2016 14:46

Tgt Ion:232 Resp: 510130
 Ion Ratio Lower Upper
 232 100
 131 44.8 32.7 49.1
 130 2.8 2.6 3.8
 166 31.2 23.0 34.6





#59

Diethylphthalate

Concen: 44.58 ng

RT: 15.62 min Scan# 2175

Delta R.T. 0.00 min

Lab File: BG023357.D

Acq: 30 Jul 2016 14:46

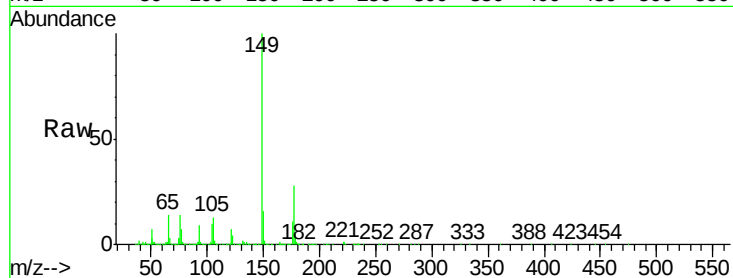
Instrument :

BNA_G

ClientSampleId :

Tot Ion:149 Resp: 1718751

Ion	Ratio	Lower	Upper
149	100		
177	27.8	19.2	28.8
150	15.9	10.6	16.0

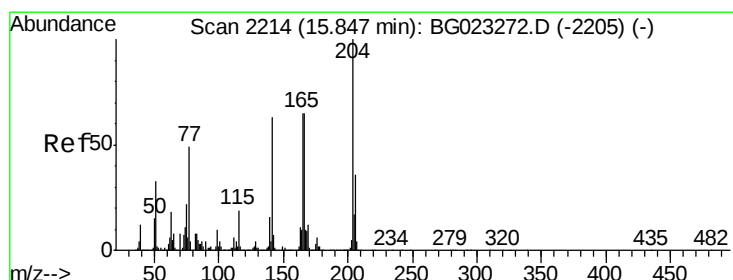
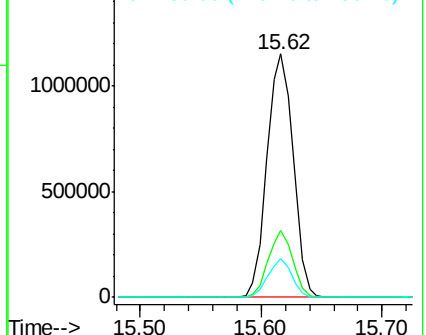
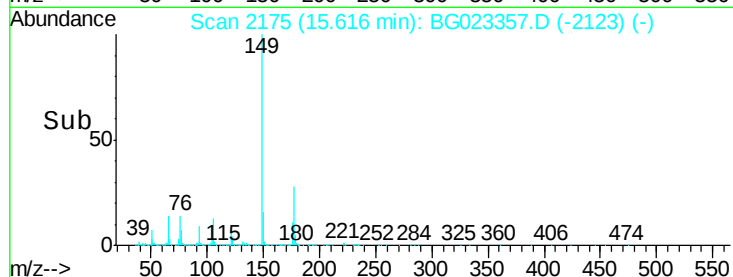


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 46.44 ng

RT: 15.85 min Scan# 2214

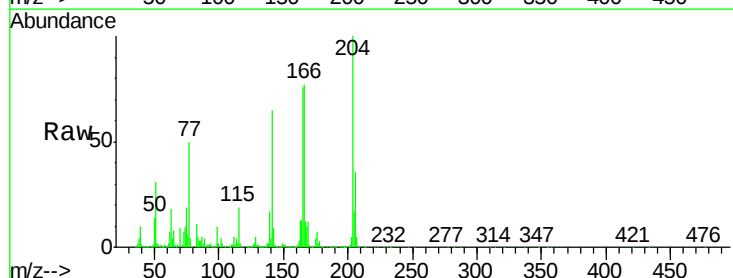
Delta R.T. 0.00 min

Lab File: BG023357.D

Acq: 30 Jul 2016 14:46

Tgt Ion:204 Resp: 889226

Ion	Ratio	Lower	Upper
204	100		
206	35.8	28.5	42.7
141	64.7	51.4	77.0

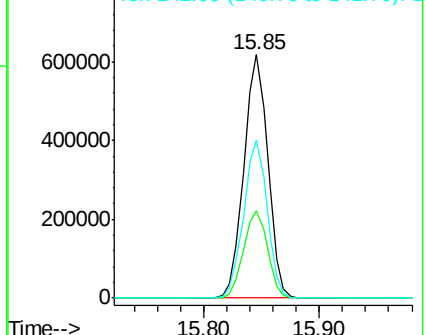
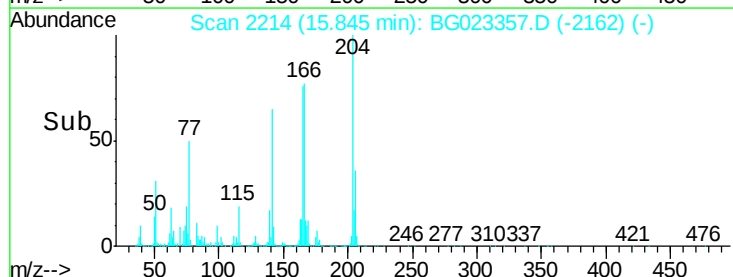


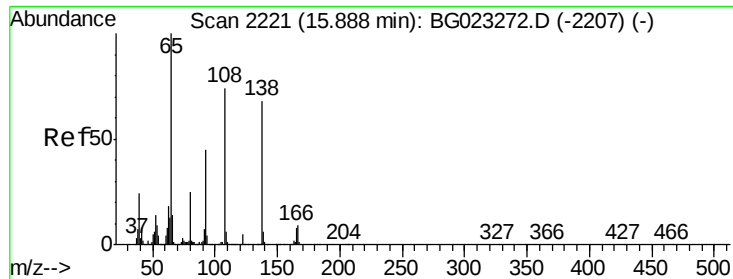
Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

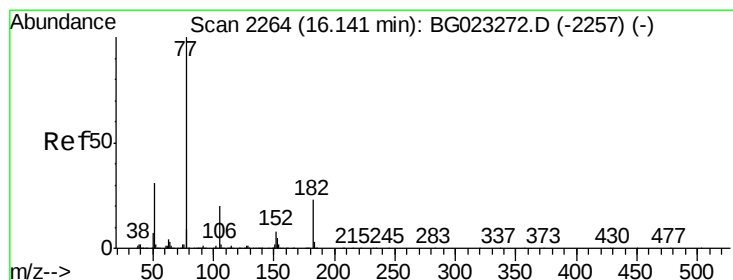
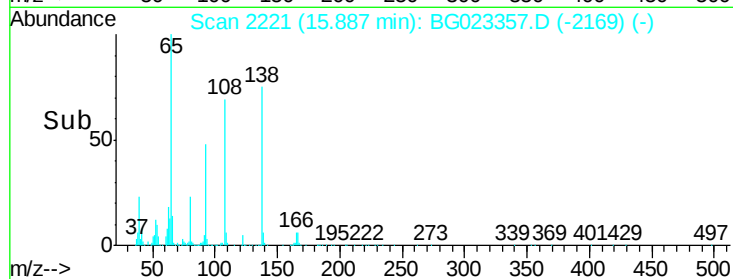
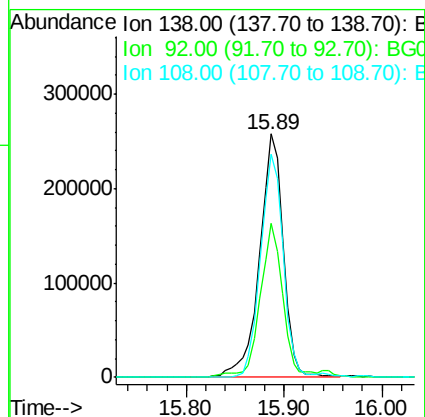
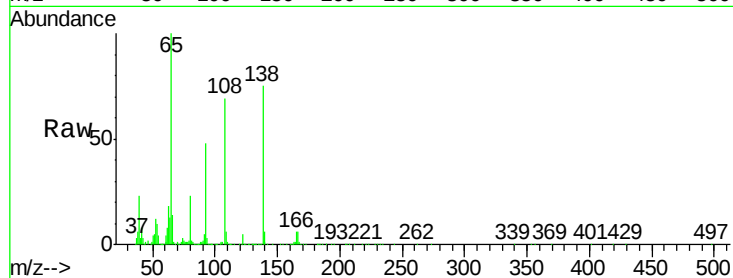




#61
4-Nitroaniline
Concen: 47.42 ng
RT: 15.89 min Scan# 2221
Delta R.T. 0.00 min
Lab File: BG023357.D
Acq: 30 Jul 2016 14:46

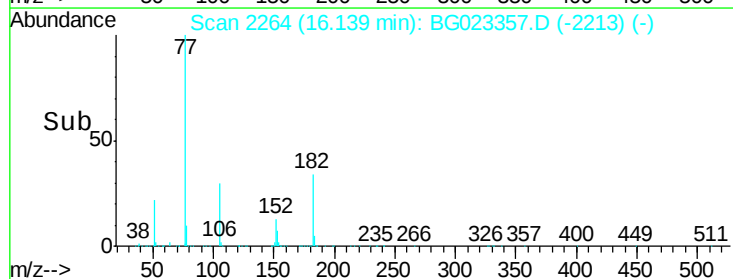
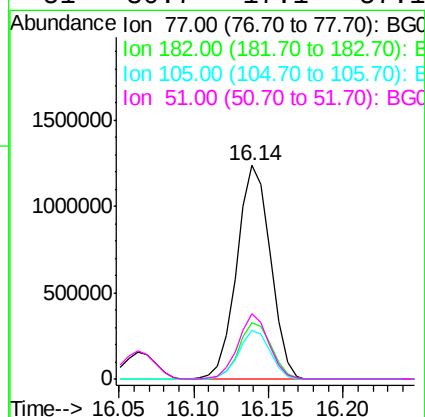
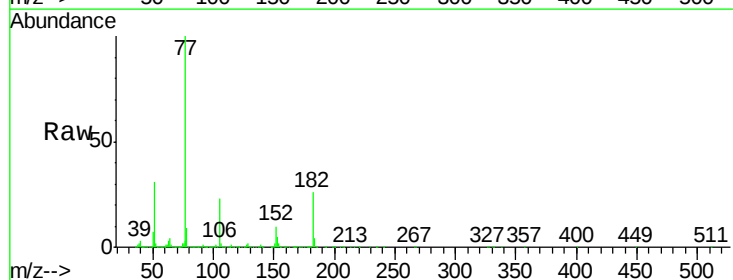
Instrument :
BNA_G
ClientSampleId :

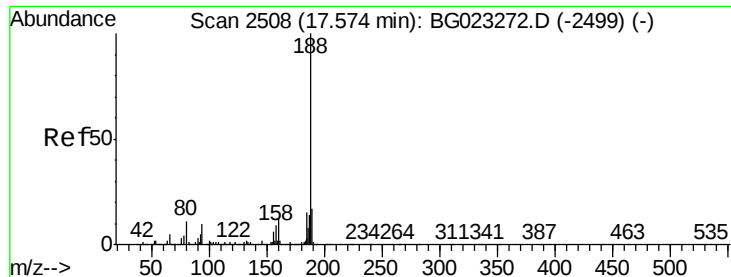
Tot Ion:138 Resp: 441467
Ion Ratio Lower Upper
138 100
92 63.5 54.1 94.1
108 91.9 133.9 173.9#



#62
Azobenzene
Concen: 48.38 ng
RT: 16.14 min Scan# 2264
Delta R.T. -0.00 min
Lab File: BG023357.D
Acq: 30 Jul 2016 14:46

Tgt Ion: 77 Resp: 1934044
Ion Ratio Lower Upper
77 100
182 26.2 3.5 43.5
105 22.8 0.0 38.5
51 30.7 17.1 57.1

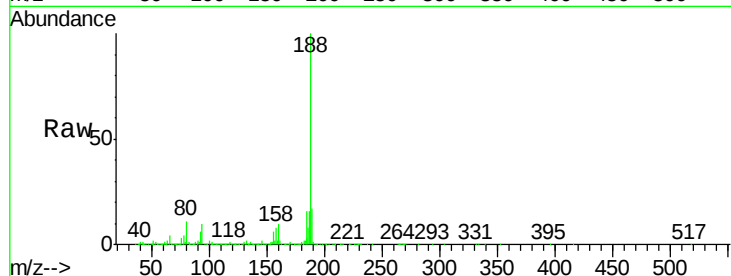




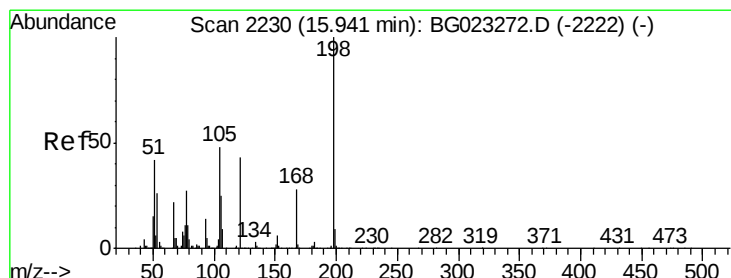
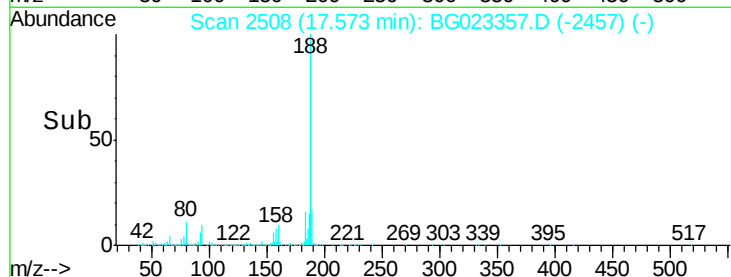
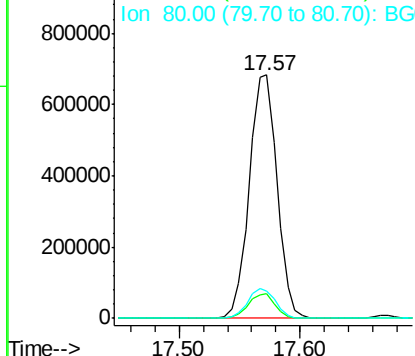
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.57 min Scan# 2508
Delta R.T. 0.00 min
Lab File: BG023357.D
Acq: 30 Jul 2016 14:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 1099974
Ion Ratio Lower Upper
188 100
94 10.4 5.2 7.8#
80 11.4 7.2 10.8#

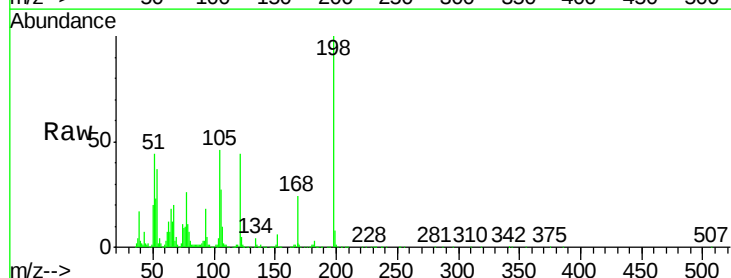


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

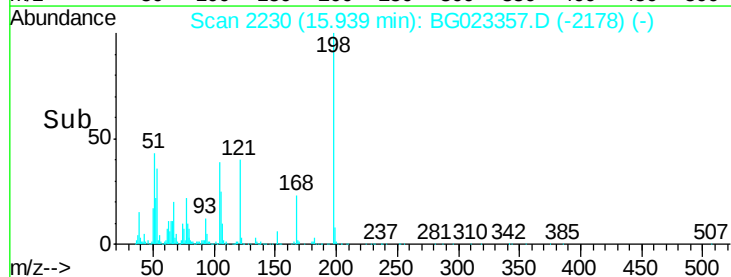
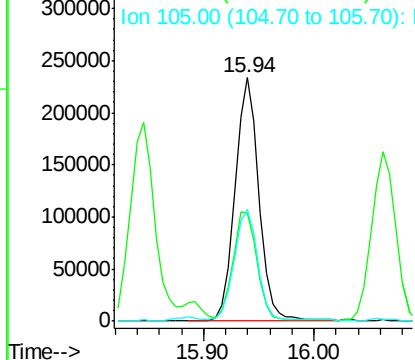


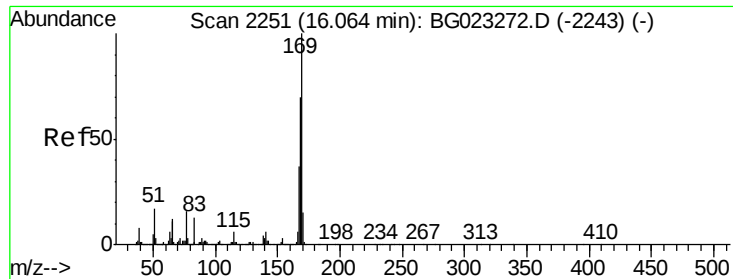
#64
4,6-Dinitro-2-methylphenol
Concen: 50.23 ng
RT: 15.94 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BG023357.D
Acq: 30 Jul 2016 14:46

Tgt Ion:198 Resp: 354897
Ion Ratio Lower Upper
198 100
51 44.5 26.0 66.0
105 46.1 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: 52.41 ng

RT: 16.06 min Scan# 2251

Delta R.T. 0.00 min

Lab File: BG023357.D

Acq: 30 Jul 2016 14:46

Instrument :

BNA_G

ClientSampleId :

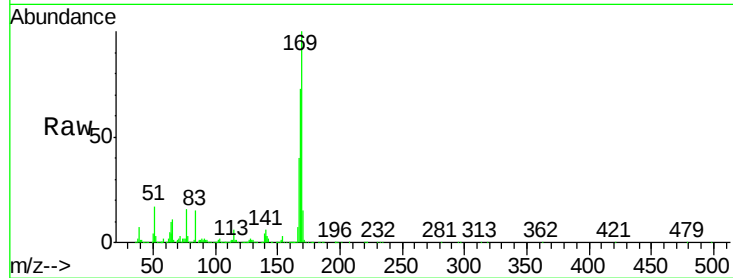
Tot Ion:169 Resp: 1539086

Ion Ratio Lower Upper

169 100

168 73.0 55.0 82.4

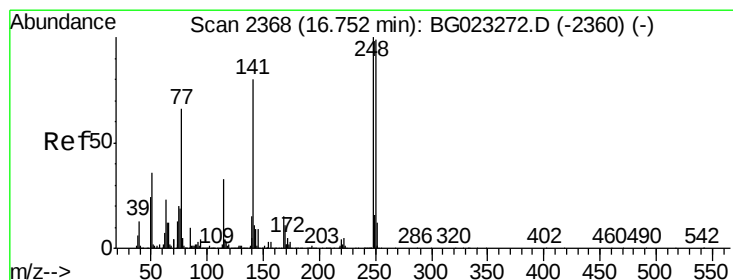
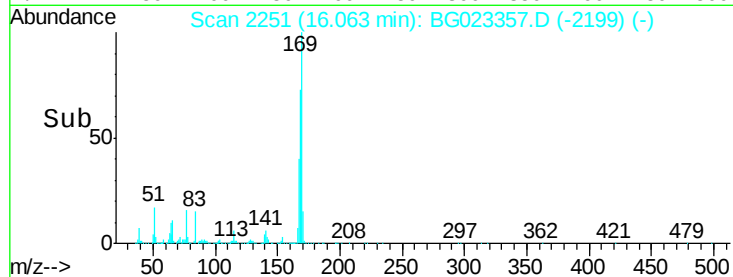
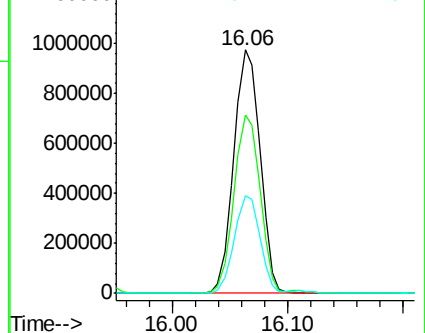
167 40.0 27.4 41.0



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: 54.31 ng

RT: 16.74 min Scan# 2367

Delta R.T. -0.00 min

Lab File: BG023357.D

Acq: 30 Jul 2016 14:46

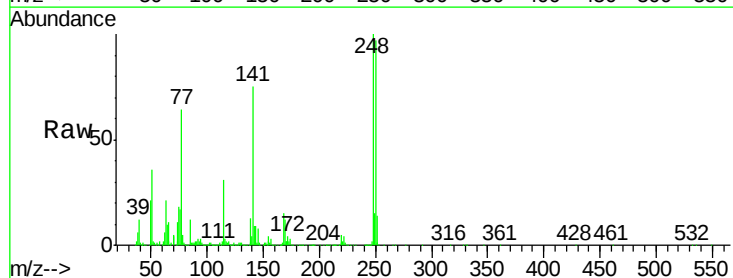
Tgt Ion:248 Resp: 604079

Ion Ratio Lower Upper

248 100

250 97.1 77.8 116.8

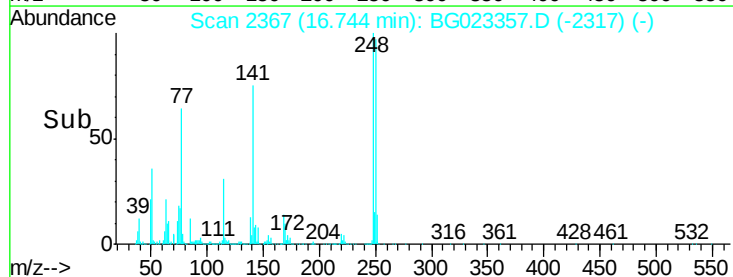
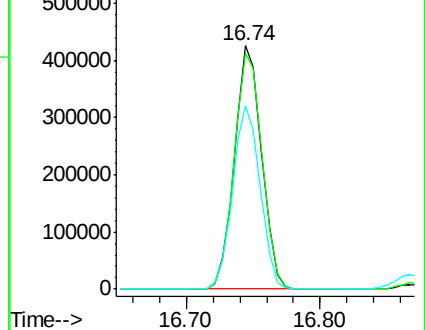
141 75.4 65.7 98.5

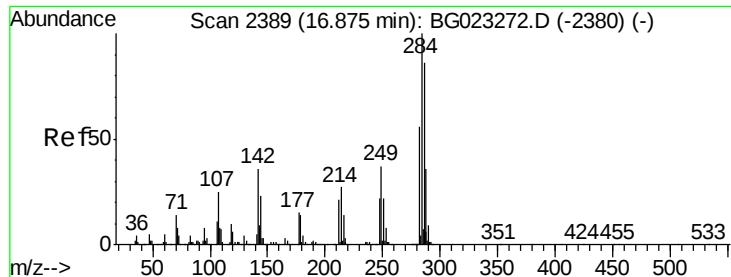


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 57.11 ng

RT: 16.87 min Scan# 2388

Delta R.T. -0.00 min

Lab File: BG023357.D

Acq: 30 Jul 2016 14:46

Instrument :

BNA_G

ClientSampleId :

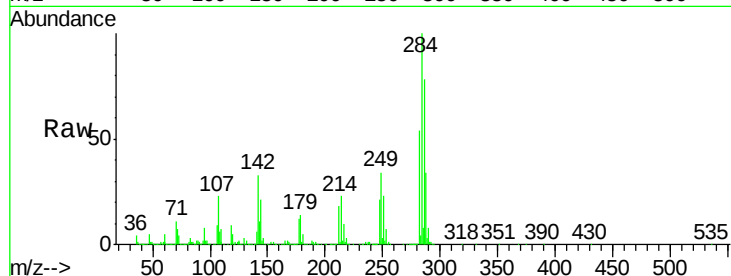
Tot Ion:284 Resp: 638651

Ion Ratio Lower Upper

284 100

142 33.0 26.8 40.2

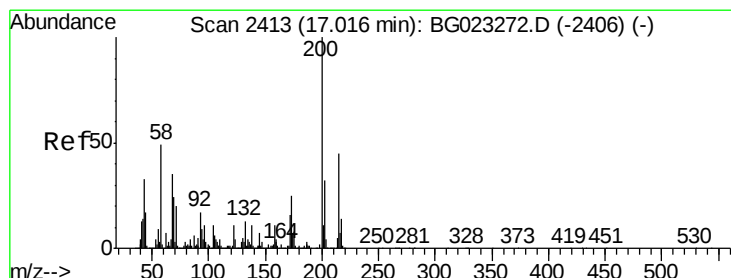
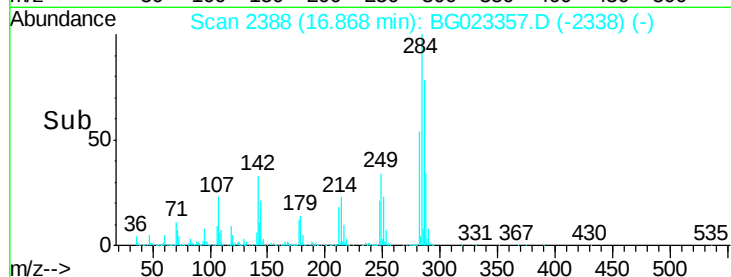
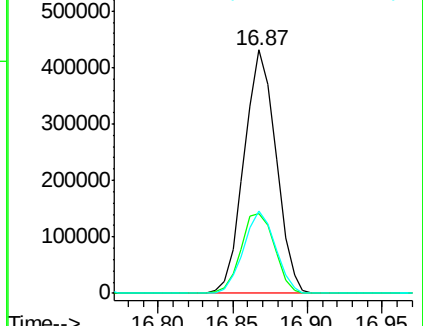
249 34.1 28.9 43.3



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: 50.63 ng

RT: 17.01 min Scan# 2413

Delta R.T. 0.00 min

Lab File: BG023357.D

Acq: 30 Jul 2016 14:46

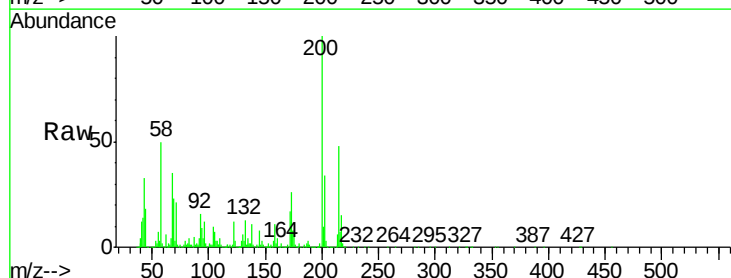
Tgt Ion:200 Resp: 570388

Ion Ratio Lower Upper

200 100

173 26.2 1.6 41.6

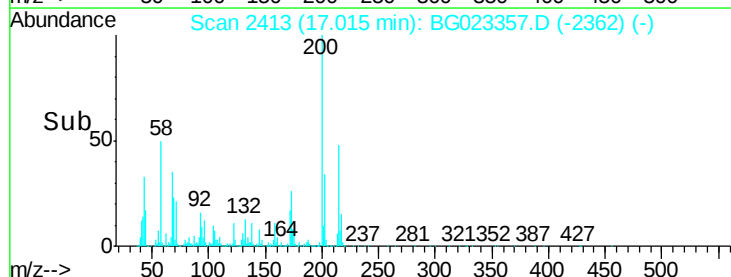
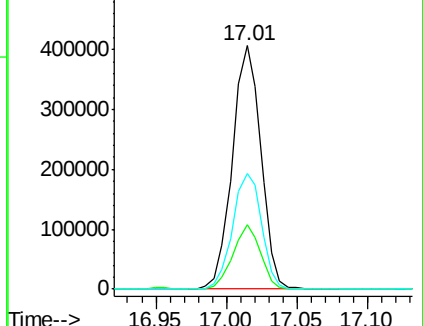
215 47.7 28.7 68.7

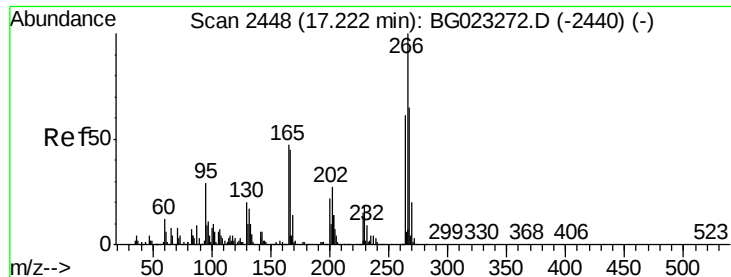


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

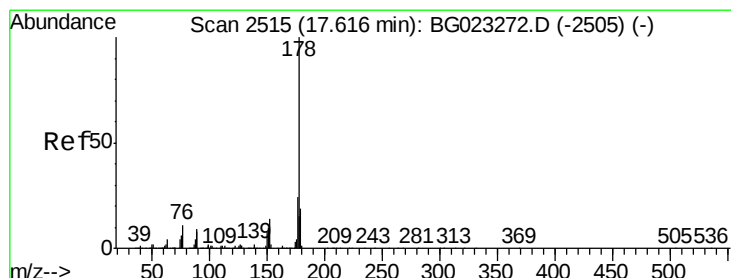
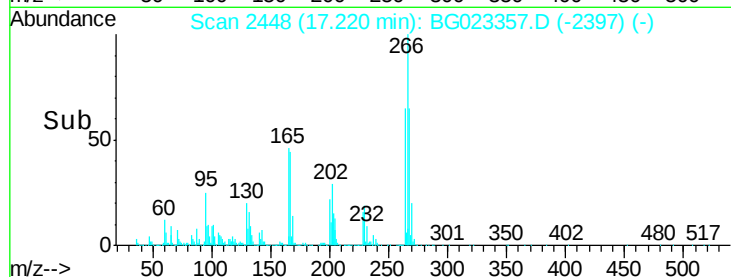
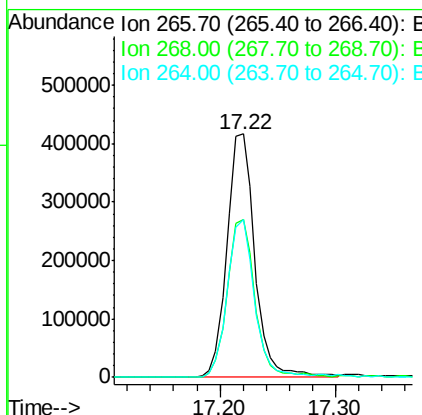
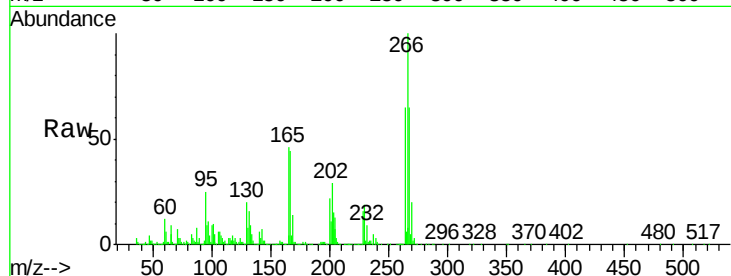




#69
 Pentachlorophenol
 Concen: 101.39 ng
 RT: 17.22 min Scan# 2448
 Delta R.T. -0.00 min
 Lab File: BG023357.D
 Acq: 30 Jul 2016 14:46

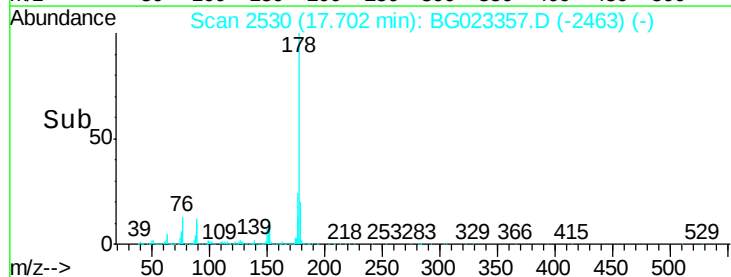
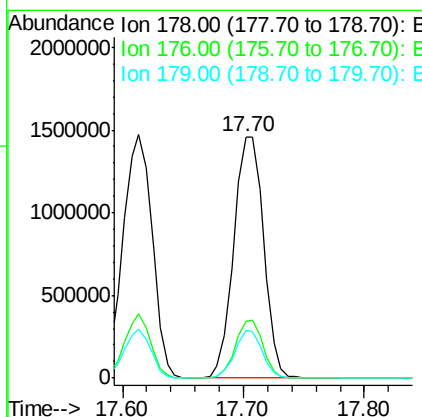
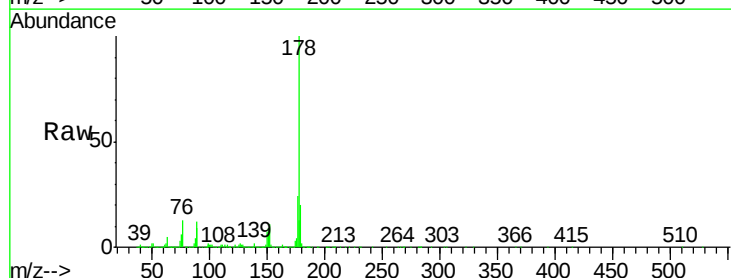
Instrument :
 BNA_G
 ClientSampleId :

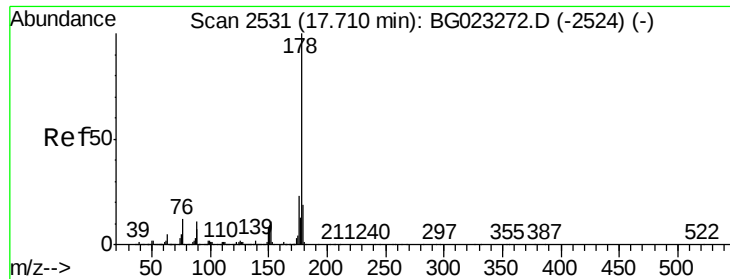
Tot Ion	Ratio	Lower	Upper
266	100		
268	65.0	51.9	77.9
264	64.8	50.6	75.8



#70
 Phenanthrene
 Concen: 52.30 ng
 RT: 17.70 min Scan# 2530
 Delta R.T. 0.09 min
 Lab File: BG023357.D
 Acq: 30 Jul 2016 14:46

Tgt Ion	Ratio	Lower	Upper
178	100		
176	23.6	16.8	25.2
179	19.8	14.3	21.5

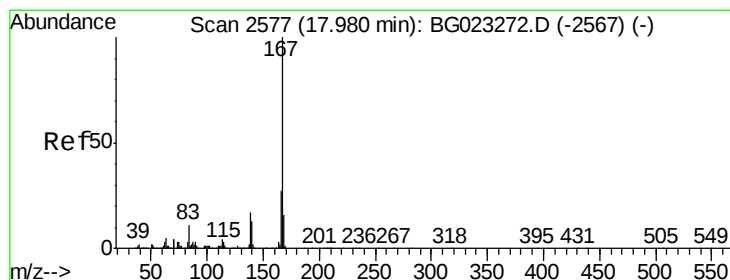
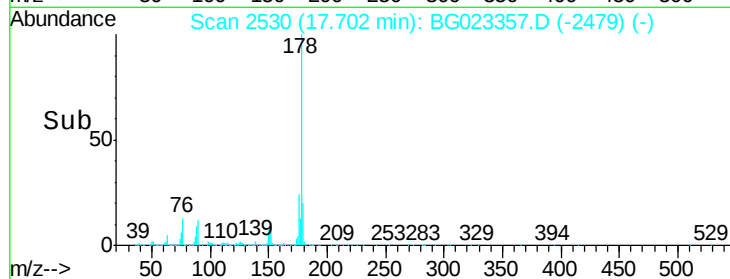
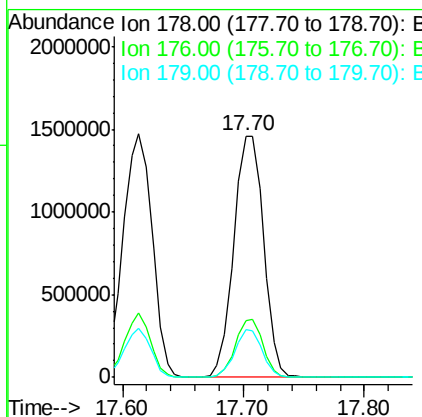
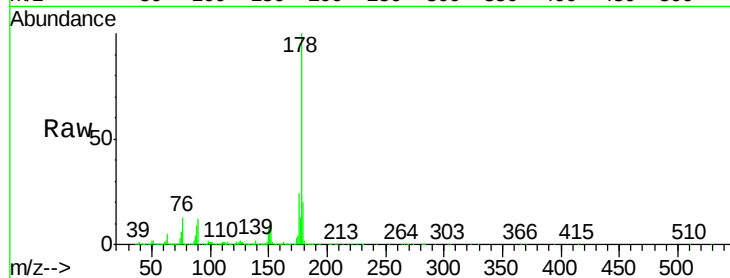




#71
 Anthracene
 Concen: 51.76 ng
 RT: 17.70 min Scan# 2530
 Delta R.T. -0.00 min
 Lab File: BG023357.D
 Acq: 30 Jul 2016 14:46

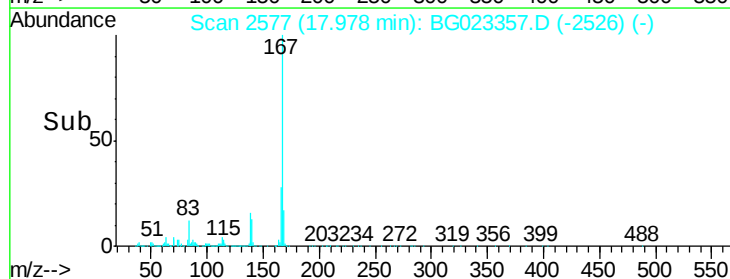
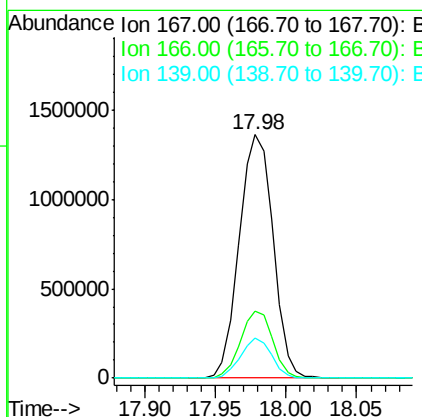
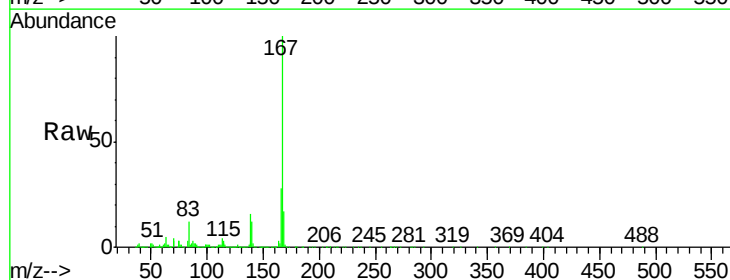
Instrument :
 BNA_G
 ClientSampleId :

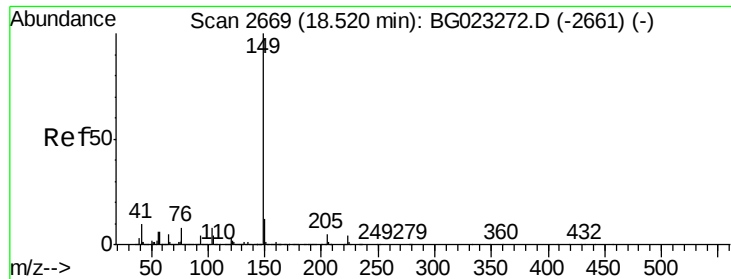
Tot Ion:178 Resp: 2516452
 Ion Ratio Lower Upper
 178 100
 176 23.6 17.3 25.9
 179 19.8 14.0 21.0



#72
 Carbazole
 Concen: 51.51 ng
 RT: 17.98 min Scan# 2577
 Delta R.T. -0.00 min
 Lab File: BG023357.D
 Acq: 30 Jul 2016 14:46

Tgt Ion:167 Resp: 2293595
 Ion Ratio Lower Upper
 167 100
 166 27.7 20.7 31.1
 139 16.5 11.9 17.9

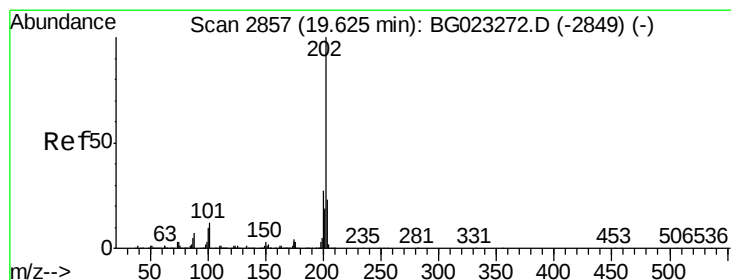
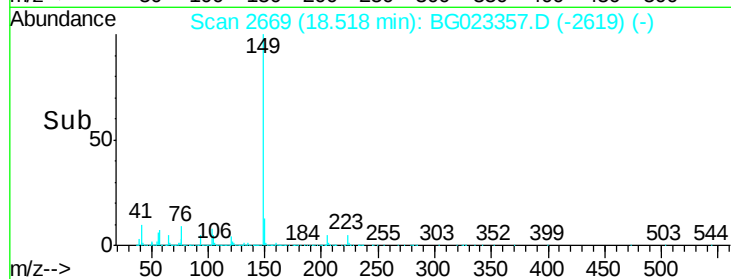
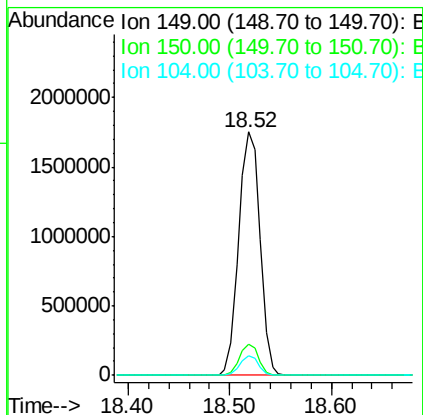
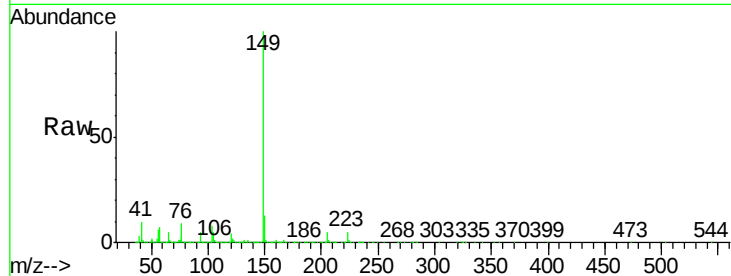




#73
Di-n-butylphthalate
Concen: 51.68 ng
RT: 18.52 min Scan# 2669
Delta R.T. -0.00 min
Lab File: BG023357.D
Acq: 30 Jul 2016 14:46

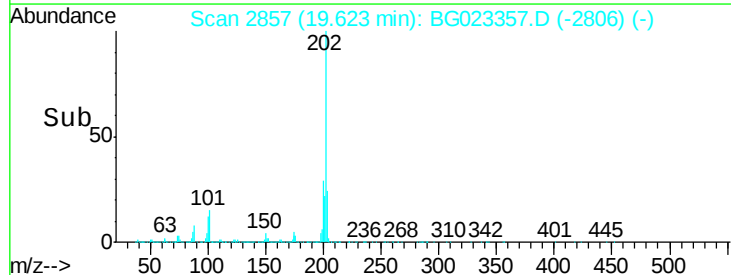
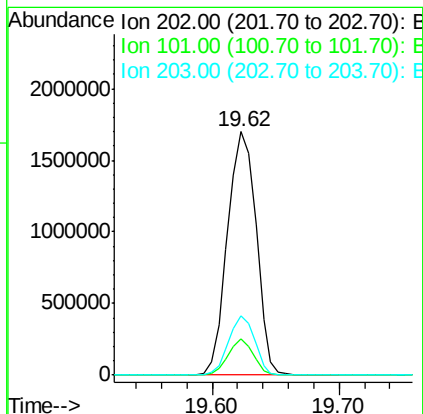
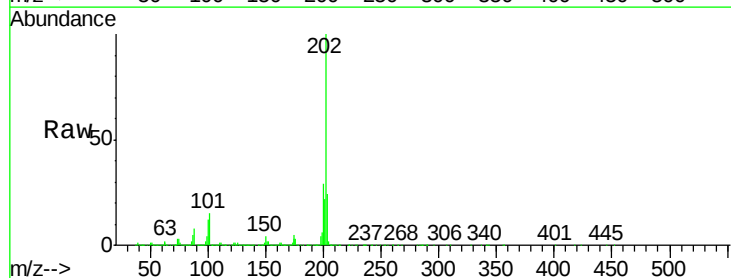
Instrument :
BNA_G
ClientSampleId :

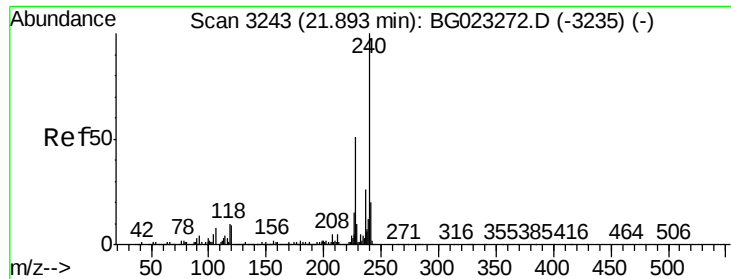
Tot Ion:149 Resp: 2567131
Ion Ratio Lower Upper
149 100
150 13.0 9.1 13.7
104 8.2 6.9 10.3



#74
Fluoranthene
Concen: 48.38 ng
RT: 19.62 min Scan# 2857
Delta R.T. -0.00 min
Lab File: BG023357.D
Acq: 30 Jul 2016 14:46

Tgt Ion:202 Resp: 2656635
Ion Ratio Lower Upper
202 100
101 15.1 0.0 27.4
203 24.4 1.7 41.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.89 min Scan# 3243

Delta R.T. 0.00 min

Lab File: BG023357.D

Acq: 30 Jul 2016 14:46

Instrument :

BNA_G

ClientSampleId :

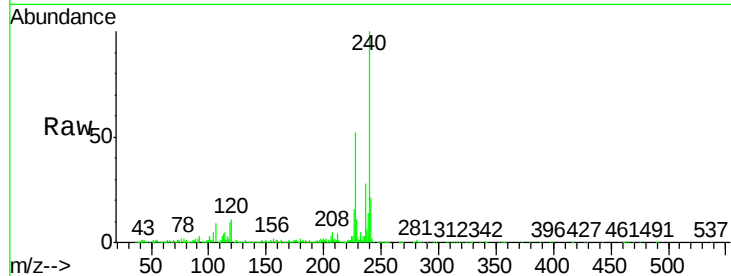
Tot Ion:240 Resp: 1121706

Ion Ratio Lower Upper

240 100

120 11.2 4.1 6.1#

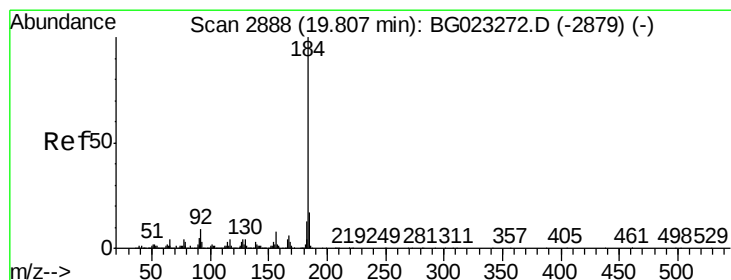
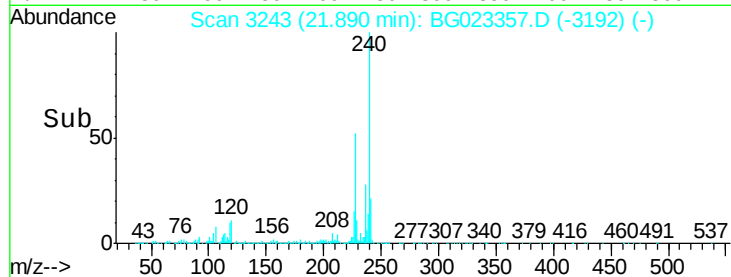
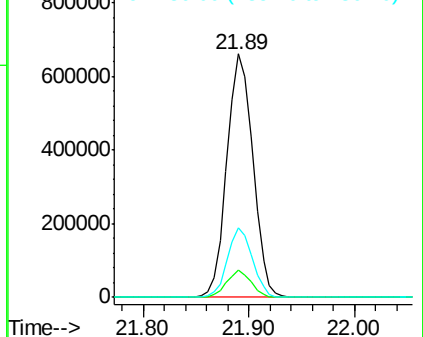
236 28.4 21.1 31.7



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: 43.40 ng

RT: 19.80 min Scan# 2888

Delta R.T. -0.00 min

Lab File: BG023357.D

Acq: 30 Jul 2016 14:46

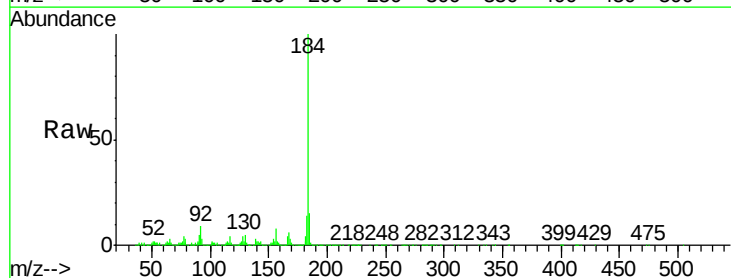
Tgt Ion:184 Resp: 1369372

Ion Ratio Lower Upper

184 100

185 15.1 12.6 19.0

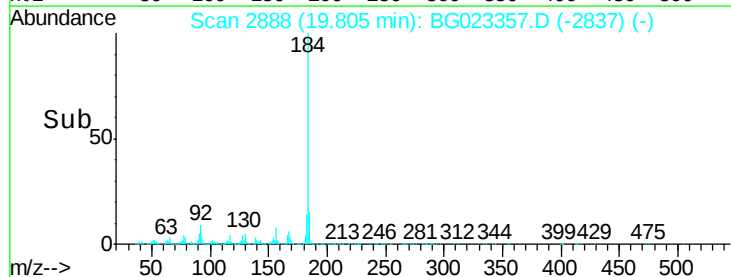
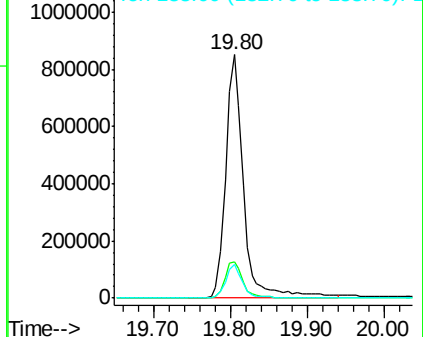
183 14.1 10.7 16.1

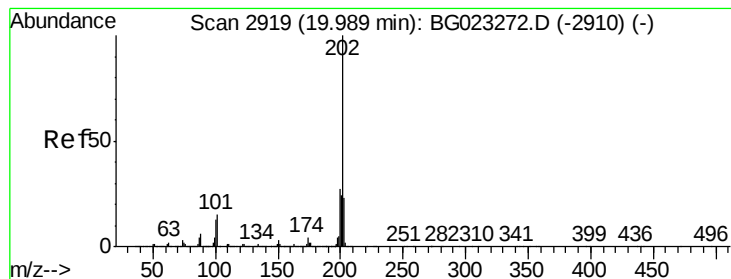


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 42.36 ng

RT: 19.99 min Scan# 2919

Delta R.T. -0.00 min

Lab File: BG023357.D

Acq: 30 Jul 2016 14:46

Instrument :

BNA_G

ClientSampleId :

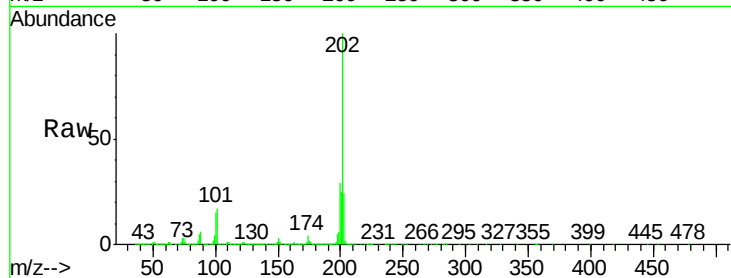
Tot Ion:202 Resp: 2696782

Ion	Ratio	Lower	Upper
202	100		
200	28.7	21.2	31.8
203	24.0	16.8	25.2

202 100

200 28.7 21.2 31.8

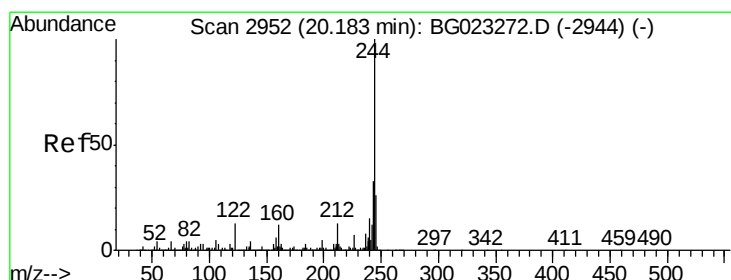
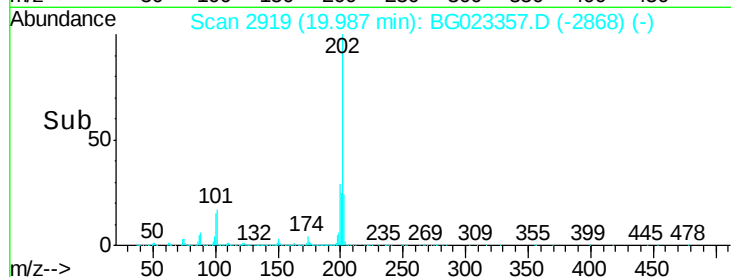
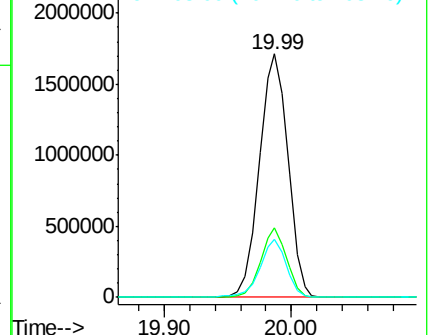
203 24.0 16.8 25.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 89.39 ng

RT: 20.17 min Scan# 2951

Delta R.T. -0.00 min

Lab File: BG023357.D

Acq: 30 Jul 2016 14:46

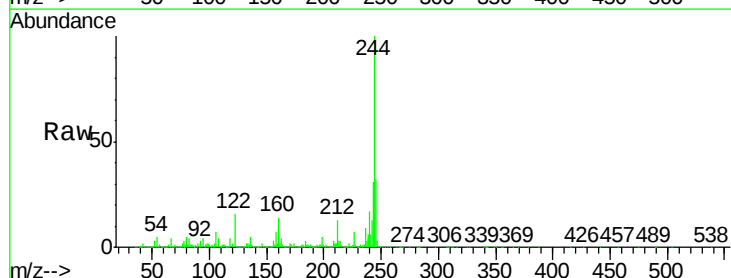
Tgt Ion:244 Resp: 3084509

Ion	Ratio	Lower	Upper
244	100		
212	13.2	10.8	16.2
122	16.4	8.0	12.0

244 100

212 13.2 10.8 16.2

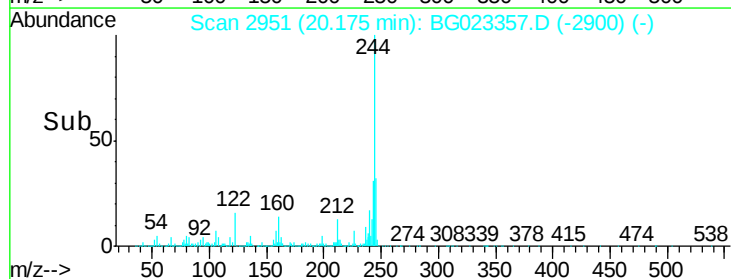
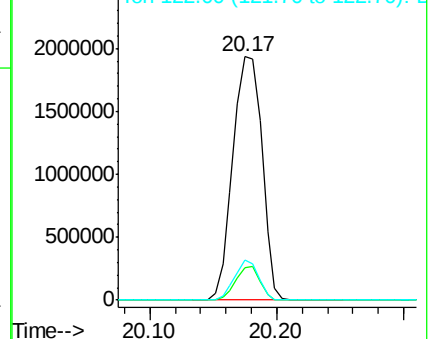
122 16.4 8.0 12.0



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

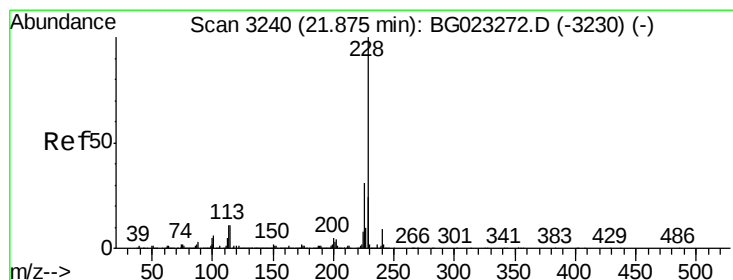
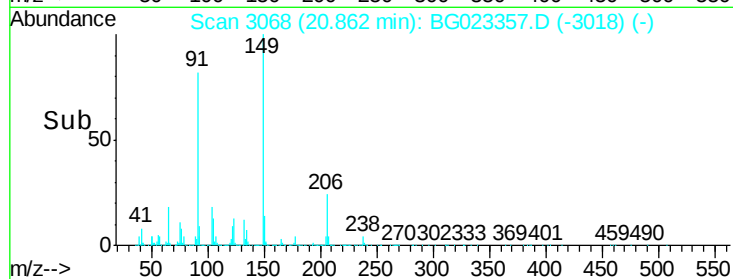
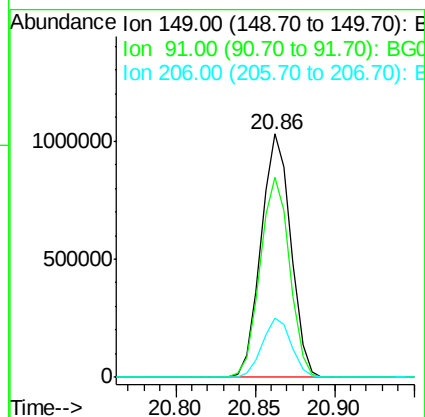
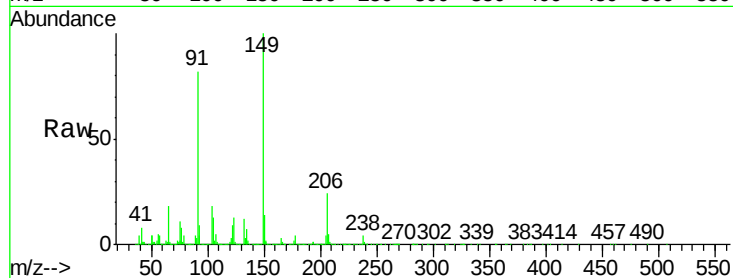




#79
Butylbenzylphthalate
Concen: 48.16 ng
RT: 20.86 min Scan# 3068
Delta R.T. -0.00 min
Lab File: BG023357.D
Acq: 30 Jul 2016 14:46

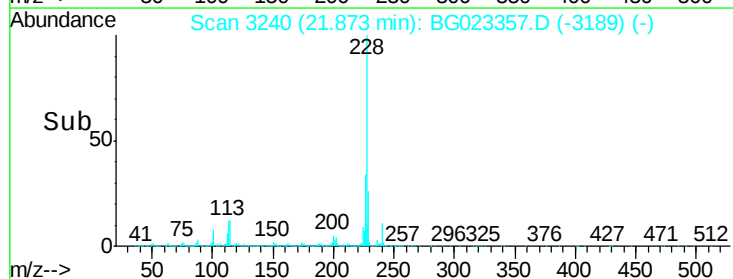
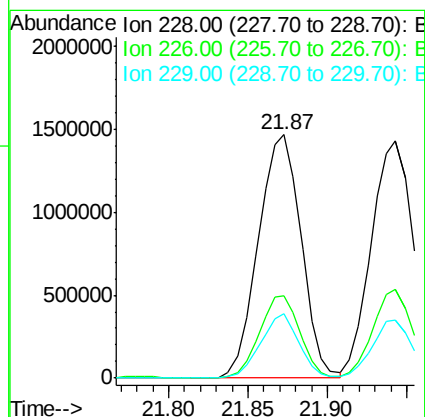
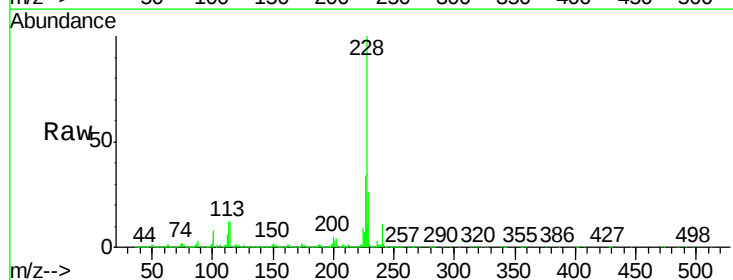
Instrument :
BNA_G
ClientSampled :

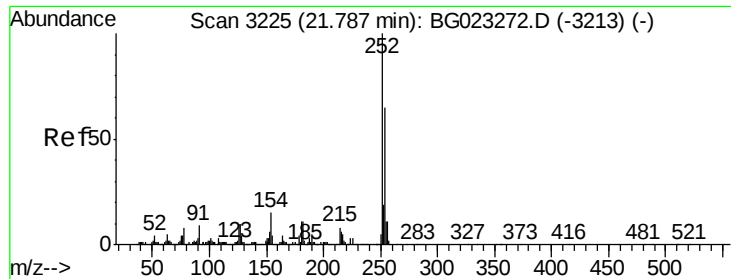
Tot Ion:149 Resp: 1348751
Ion Ratio Lower Upper
149 100
91 82.0 68.1 102.1
206 24.5 19.8 29.6



#80
Benzo(a)anthracene
Concen: 46.99 ng
RT: 21.87 min Scan# 3240
Delta R.T. 0.00 min
Lab File: BG023357.D
Acq: 30 Jul 2016 14:46

Tgt Ion:228 Resp: 2759753
Ion Ratio Lower Upper
228 100
226 33.9 25.3 37.9
229 26.3 19.9 29.9

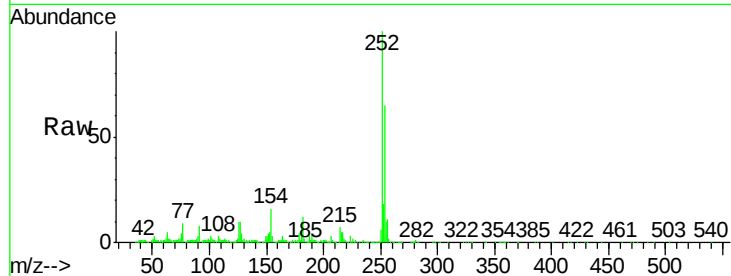




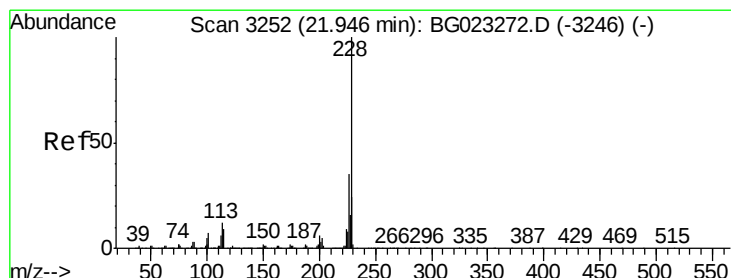
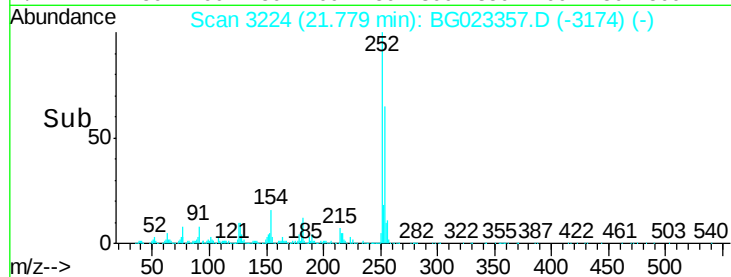
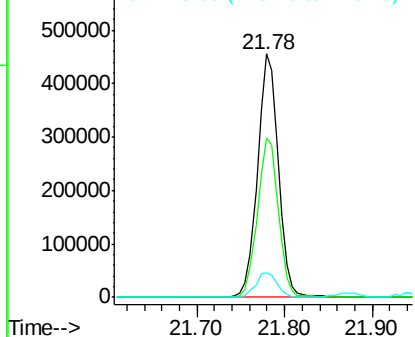
#81
 3,3'-Dichlorobenzidine
 Concen: 31.22 ng
 RT: 21.78 min Scan# 3224
 Delta R.T. -0.00 min
 Lab File: BG023357.D
 Acq: 30 Jul 2016 14:46

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:252 Resp: 743465
 Ion Ratio Lower Upper
 252 100
 254 65.3 51.2 76.8
 126 10.0 5.3 7.9#

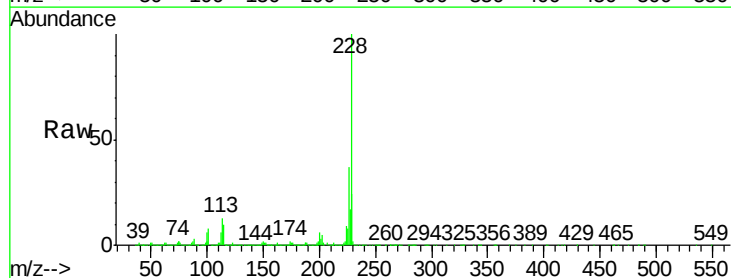


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

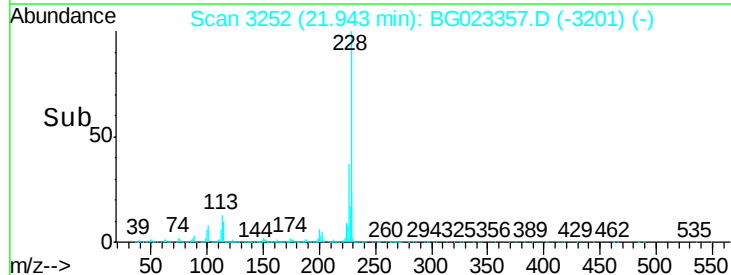
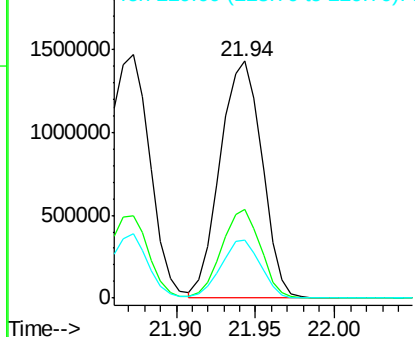


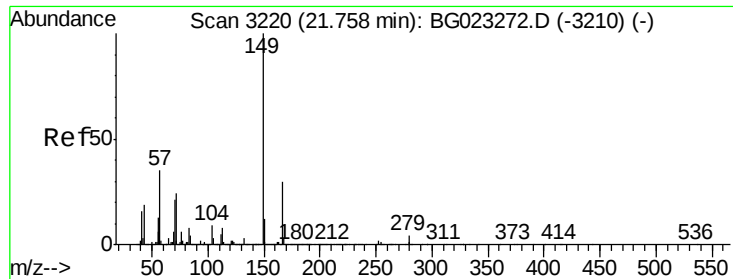
#82
 Chrysene
 Concen: 46.19 ng
 RT: 21.94 min Scan# 3252
 Delta R.T. 0.00 min
 Lab File: BG023357.D
 Acq: 30 Jul 2016 14:46

Tgt Ion:228 Resp: 2620709
 Ion Ratio Lower Upper
 228 100
 226 37.2 26.7 40.1
 229 24.5 17.4 26.2



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

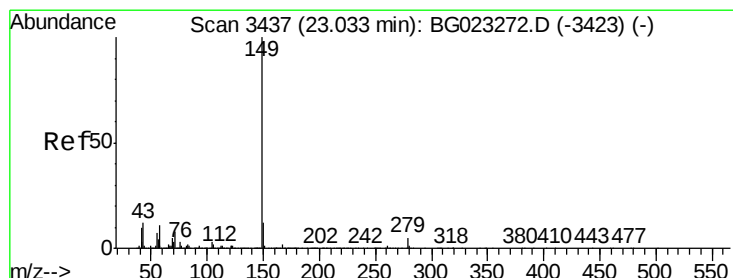
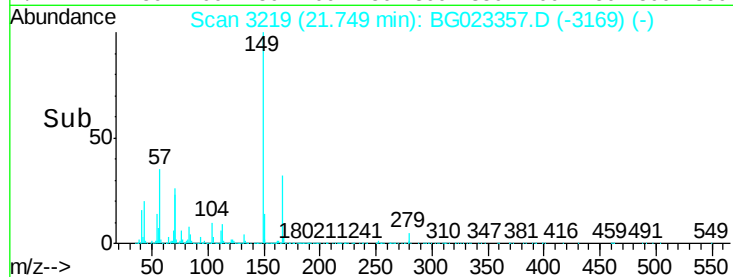
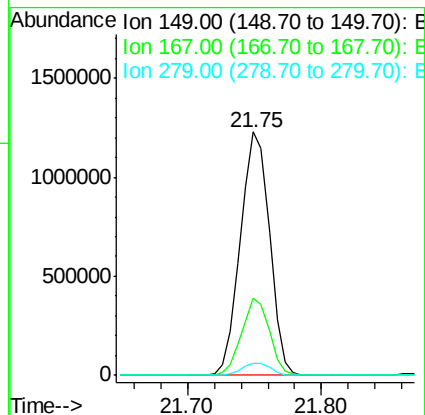
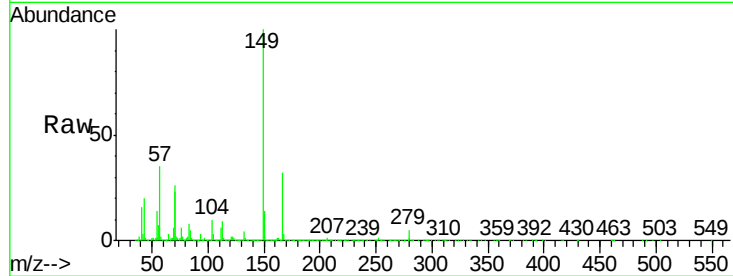




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.34 ng
 RT: 21.75 min Scan# 3219
 Delta R.T. -0.00 min
 Lab File: BG023357.D
 Acq: 30 Jul 2016 14:46

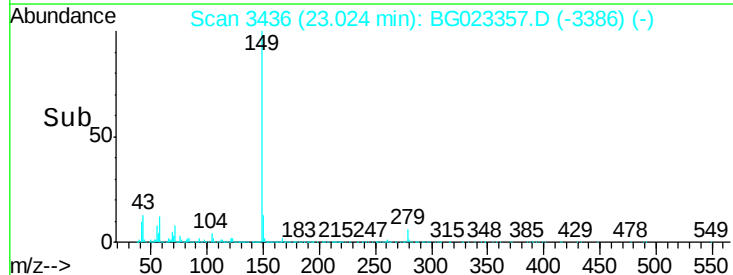
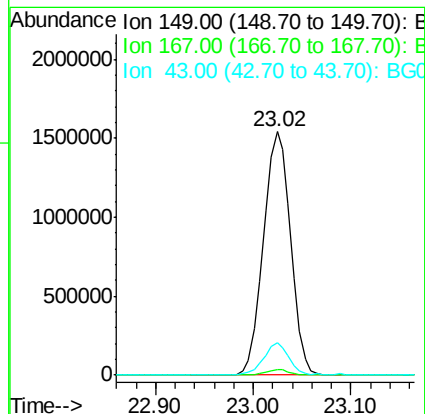
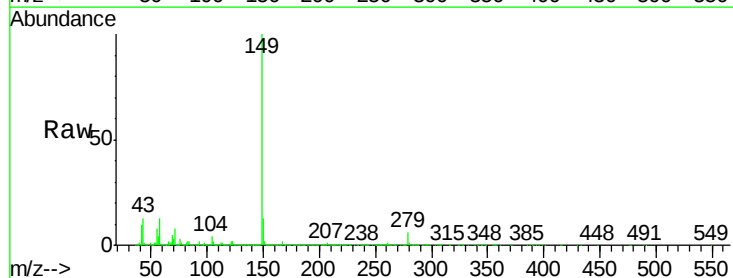
Instrument :
 BNA_G
 ClientSampleId :

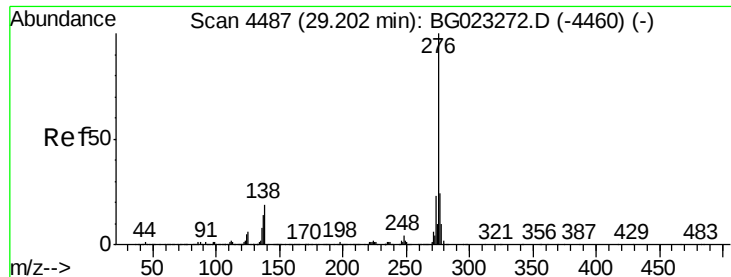
Tot Ion:149 Resp: 1855220
 Ion Ratio Lower Upper
 149 100
 167 32.0 24.0 36.0
 279 5.0 4.8 7.2



#84
 Di-n-octyl phthalate
 Concen: 46.99 ng
 RT: 23.02 min Scan# 3436
 Delta R.T. -0.00 min
 Lab File: BG023357.D
 Acq: 30 Jul 2016 14:46

Tgt Ion:149 Resp: 3012016
 Ion Ratio Lower Upper
 149 100
 167 1.9 1.5 2.3
 43 11.7 8.8 13.2

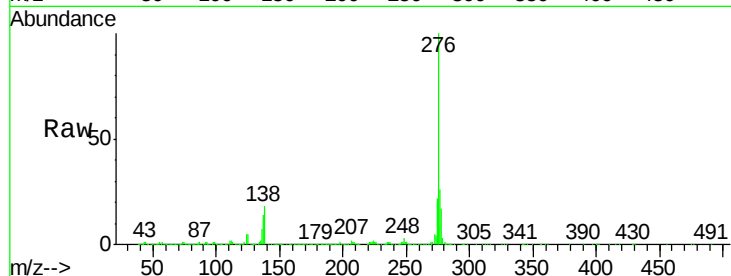




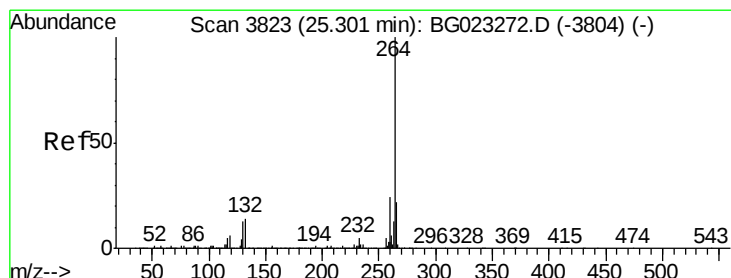
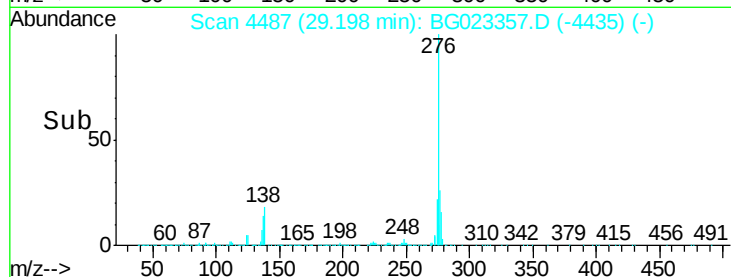
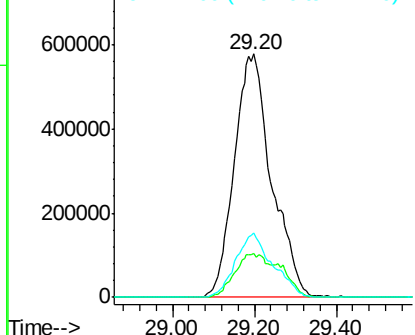
#85
Indeno(1,2,3-cd)pyrene
Concen: 55.28 ng
RT: 29.20 min Scan# 4487
Delta R.T. 0.01 min
Lab File: BG023357.D
Acq: 30 Jul 2016 14:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion:276 Resp: 3658883
Ion Ratio Lower Upper
276 100
138 17.0 0.0 0.0#
277 26.1 0.0 0.0#

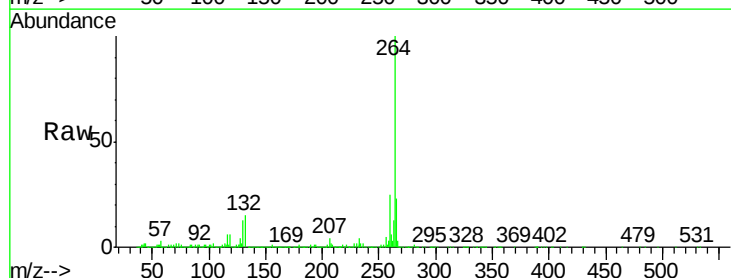


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

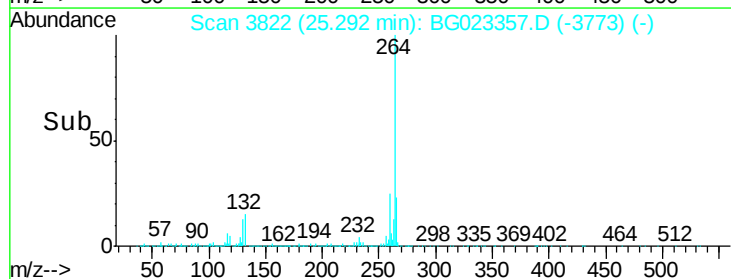
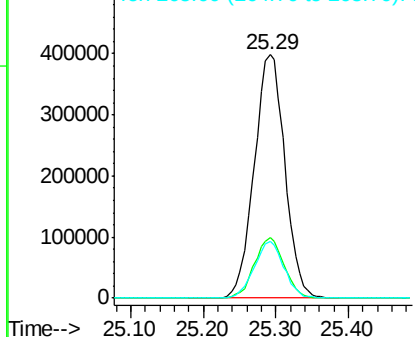


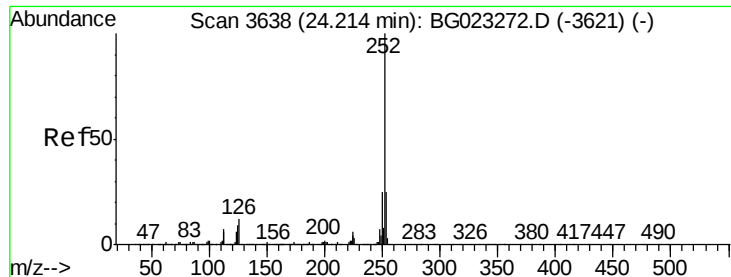
#86
Perylene-d12
Concen: 20.00 ng
RT: 25.29 min Scan# 3822
Delta R.T. -0.01 min
Lab File: BG023357.D
Acq: 30 Jul 2016 14:46

Tgt Ion:264 Resp: 1166046
Ion Ratio Lower Upper
264 100
260 24.9 18.4 27.6
265 23.3 18.9 28.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 48.89 ng

RT: 24.21 min Scan# 3638

Delta R.T. 0.00 min

Lab File: BG023357.D

Acq: 30 Jul 2016 14:46

Instrument :

BNA_G

ClientSampled :

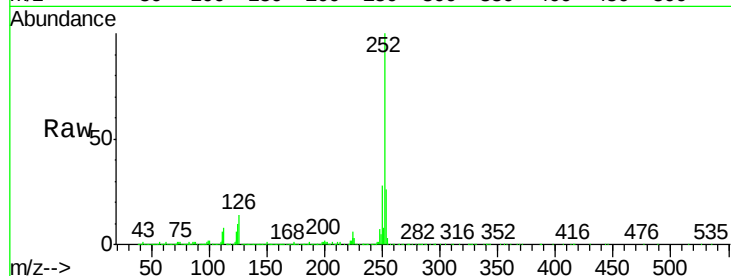
Tot Ion:252 Resp: 3028694

Ion Ratio Lower Upper

252 100

253 25.6 18.9 28.3

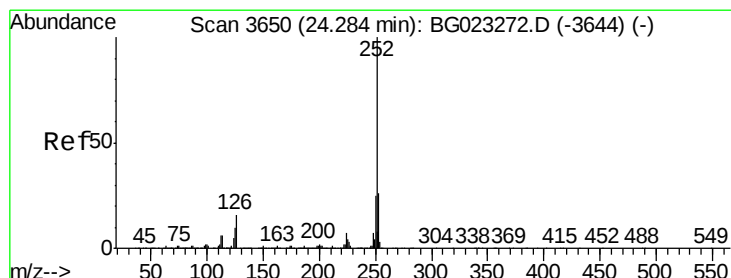
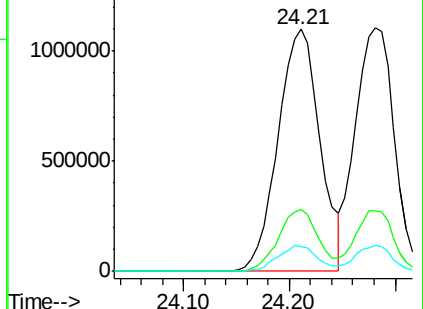
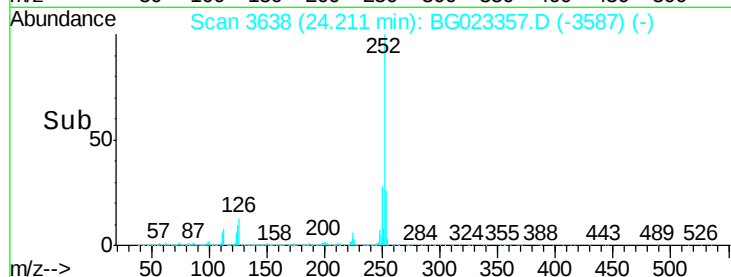
125 10.3 3.9 5.9#



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: 45.73 ng

RT: 24.28 min Scan# 3650

Delta R.T. -0.00 min

Lab File: BG023357.D

Acq: 30 Jul 2016 14:46

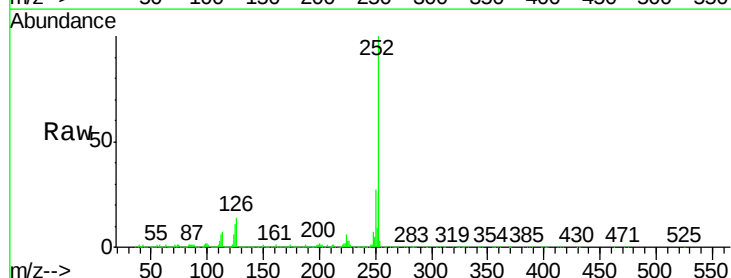
Tgt Ion:252 Resp: 2831573

Ion Ratio Lower Upper

252 100

253 25.0 18.8 28.2

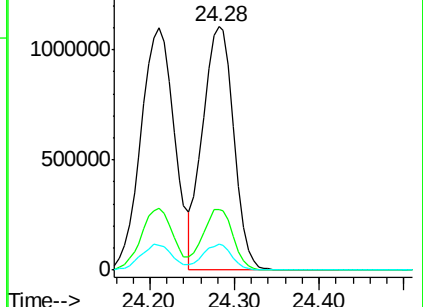
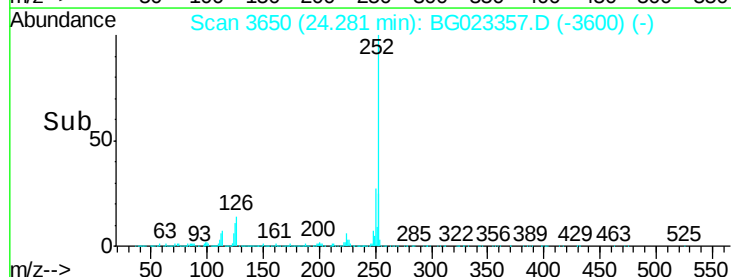
125 10.8 3.2 4.8#

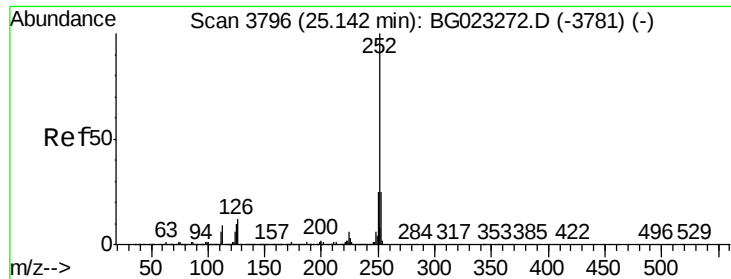


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 48.51 ng

RT: 25.13 min Scan# 3795

Delta R.T. 0.00 min

Lab File: BG023357.D

Acq: 30 Jul 2016 14:46

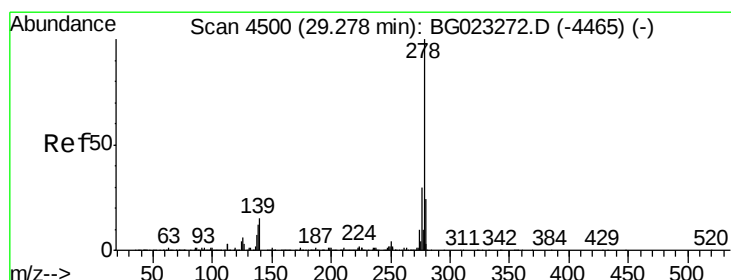
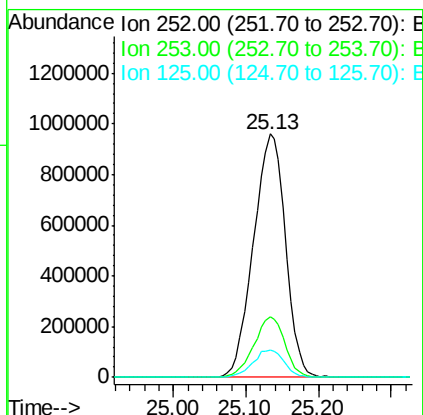
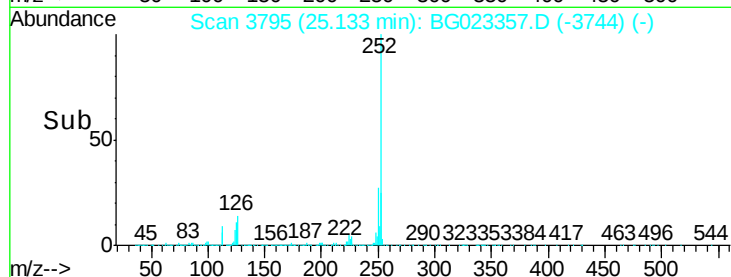
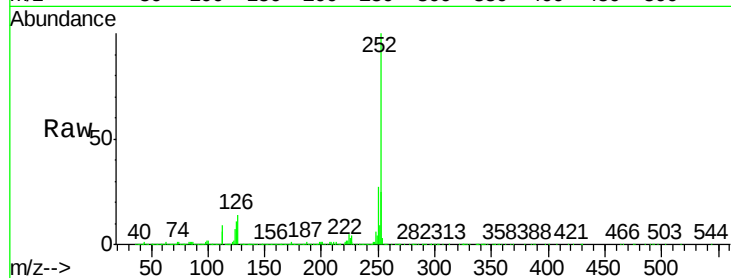
Instrument :

BNA_G

ClientSampleId :

Tot Ion:252 Resp: 2944789

Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.7	28.1
125	11.2	3.9	5.9



#90

Dibenzo(a,h)anthracene

Concen: 52.11 ng

RT: 29.27 min Scan# 4499

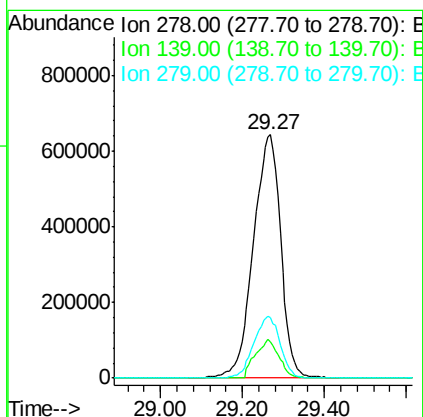
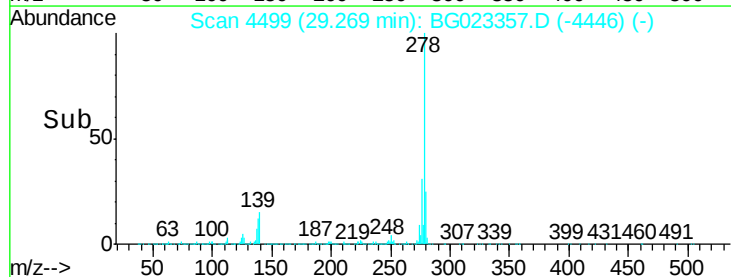
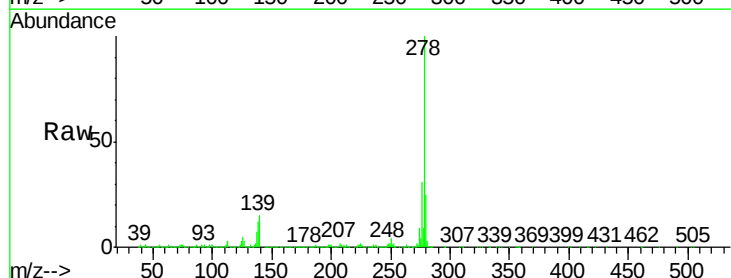
Delta R.T. 0.01 min

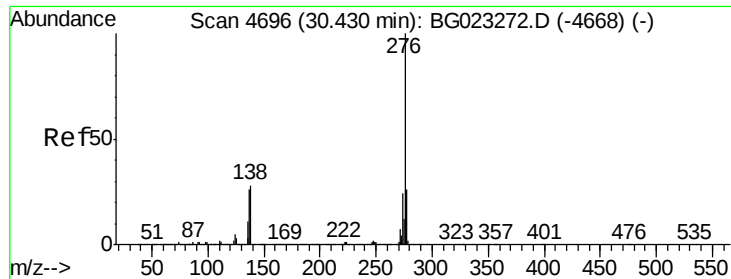
Lab File: BG023357.D

Acq: 30 Jul 2016 14:46

Tgt Ion:278 Resp: 2991995

Ion	Ratio	Lower	Upper
278	100		
139	14.7	4.7	7.1
279	24.9	18.3	27.5





#91
 Benzo(a,h,i)perylene
 Concen: 49.37 ng
 RT: 30.41 min Scan# 4694
 Delta R.T. -0.01 min
 Lab File: BG023357.D
 Acq: 30 Jul 2016 14:46

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:276 Resp: 2984200
 Ion Ratio Lower Upper
 276 100
 277 25.5 18.6 27.8
 138 19.1 6.8 10.2#

