

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071216\
 Data File : BG023056.D
 Acq On : 13 Jul 2016 4:48
 Operator : UM/SJ
 Sample : H3995-27MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LSS-MW-SB22(20)MS

Quant Time: Jul 13 07:01:28 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 12 18:30:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	89684	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	461645	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	357187	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	799249	20.00	ng	0.00
75) Chrysene-d12	21.87	240	896458	20.00	ng	0.02
86) Perylene-d12	25.25	264	917184	20.00	ng	0.07

System Monitoring Compounds

5) 2-Fluorophenol	5.69	112	369616	67.40	ng	0.00
7) Phenol-d6	7.30	99	377006	43.90	ng	0.00
23) Nitrobenzene-d5	9.33	82	1044804	96.91	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	750995	116.99	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2123285	93.63	ng	0.00
78) Terphenyl-d14	20.16	244	2616422	98.20	ng	0.00

Target Compounds

						Qvalue
3) Pyridine	3.97	79	72760	9.98	ng	95
4) n-Nitrosodimethylamine	3.88	42	33664	10.76	ng	# 85
6) Aniline	7.47	93	83929	7.05	ng	96
8) 2-Chlorophenol	7.71	128	75554	12.95	ng	97
9) Benzaldehyde	7.28	77	37985	6.62	ng	90
10) Phenol	7.33	94	122447	13.86	ng	99
11) bis(2-Chloroethyl)ether	7.56	93	77423	11.05	ng	84
12) 1,3-Dichlorobenzene	8.04	146	75264	10.54	ng	93
13) 1,4-Dichlorobenzene	8.18	146	77183	10.79	ng	93
14) 1,2-Dichlorobenzene	8.51	146	78239	11.01	ng	# 82
15) Benzyl Alcohol	8.39	79	104416	13.27	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.68	45	98054	11.46	ng	86
17) 2-Methylphenol	8.60	107	78080	13.57	ng	94
18) Hexachloroethane	9.25	117	29359	9.73	ng	91
19) n-Nitroso-di-n-propylamine	8.95	70	87268	11.27	ng	# 96
20) 3+4-Methylphenols	8.92	107	111460	13.89	ng	97
22) Acetophenone	8.98	105	143936	10.39	ng	# 88
24) Nitrobenzene	9.37	77	130671	11.41	ng	94
25) Isophorone	9.88	82	234339	10.81	ng	# 95
26) 2-Nitrophenol	10.09	139	48241	10.73	ng	# 78
27) 2,4-Dimethylphenol	10.14	122	86833	11.17	ng	95
28) bis(2-Chloroethoxy)methane	10.37	93	133133	11.01	ng	98
29) 2,4-Dichlorophenol	10.62	162	101789	12.28	ng	94
30) 1,2,4-Trichlorobenzene	10.83	180	102064	10.75	ng	92
31) Naphthalene	11.03	128	257694	10.97	ng	97
32) Benzoic acid	10.22	122	60199	8.52	ng	93
33) 4-Chloroaniline	11.15	127	65876	5.73	ng	# 86
34) Hexachlorobutadiene	11.31	225	70724	9.19	ng	88
35) Caprolactam	11.91	113	35737	10.48	ng	# 87
36) 4-Chloro-3-methylphenol	12.25	107	131188	11.57	ng	93
37) 2-Methylnaphthalene	12.85	142	203473	10.95	ng	89
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	144601	9.39	ng	97
40) Hexachlorocyclopentadiene	12.97	237	133634	15.08	ng	95
42) 2,4,6-Trichlorophenol	13.24	196	94921	10.73	ng	94

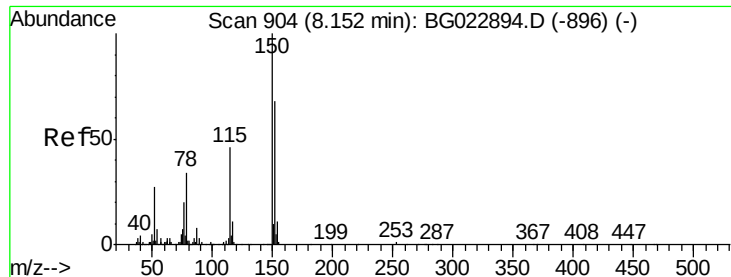
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071216\
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 Acq On : 13 Jul 2016 4:48
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.31	196	102613	11.29	ng	96
45) 1,1'-Biphenyl	13.63	154	305926	11.42	ng	98
46) 2-Chloronaphthalene	13.68	162	254757	11.72	ng	97
47) 2-Nitroaniline	13.88	65	100709	10.86	ng	96
48) Acenaphthylene	14.52	152	375982	11.53	ng	97
49) Dimethylphthalate	14.24	163	392260	13.44	ng	99
50) 2,6-Dinitrotoluene	14.37	165	69443	10.59	ng	92
51) Acenaphthene	14.86	154	246212	11.55	ng	96
52) 3-Nitroaniline	14.70	138	43747	6.69	ng	# 76
53) 2,4-Dinitrophenol	14.91	184	69189	15.38	ng	92
54) Dibenzofuran	15.20	168	409182	12.83	ng	92
55) 4-Nitrophenol	15.02	139	111907	20.42	ng	93
56) 2,4-Dinitrotoluene	15.16	165	101264	10.59	ng	88
57) Fluorene	15.85	166	322579	11.75	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.34	232	106131	11.68	ng	93
59) Diethylphthalate	15.61	149	340886	11.48	ng	99
60) 4-Chlorophenyl-phenylether	15.84	204	183001	10.94	ng	98
61) 4-Nitroaniline	15.87	138	67140	9.49	ng	# 82
62) Azobenzene	16.13	77	386079	13.60	ng	92
64) 4,6-Dinitro-2-methylphenol	15.92	198	56820	9.57	ng	94
65) n-Nitrosodiphenylamine	16.05	169	288804	12.54	ng	98
66) 4-Bromophenyl-phenylether	16.74	248	118263	11.37	ng	96
67) Hexachlorobenzene	16.86	284	126445	11.18	ng	95
68) Atrazine	17.00	200	114205	11.18	ng	95
69) Pentachlorophenol	17.21	266	156868	21.42	ng	92
70) Phenanthrene	17.60	178	517941	13.22	ng	99
71) Anthracene	17.69	178	521062	13.14	ng	98
72) Carbazole	17.97	167	443767	12.95	ng	98
73) Di-n-butylphthalate	18.51	149	559972	14.69	ng	97
74) Fluoranthene	19.61	202	616470	12.83	ng	93
77) Pyrene	19.97	202	627492	12.46	ng	92
79) Butylbenzylphthalate	20.85	149	264215	13.24	ng	96
80) Benzo(a)anthracene	21.84	228	646170	12.88	ng	92
81) 3,3'-Dichlorobenzidine	21.76	252	46085	2.09	ng	# 95
82) Chrysene	21.92	228	617049	13.12	ng	98
83) Bis(2-ethylhexyl)phthalate	21.73	149	373091	13.47	ng	# 98
84) Di-n-octyl phthalate	23.00	149	631404	13.66	ng	99
85) Indeno(1,2,3-cd)pyrene	29.12	276	678149	11.30	ng	# 100
87) Benzo(b)fluoranthene	24.17	252	642306	12.14	ng	100
88) Benzo(k)fluoranthene	24.24	252	642391	12.79	ng	# 94
89) Benzo(a)pyrene	25.09	252	629873	12.42	ng	# 96
90) Dibenzo(a,h)anthracene	29.18	278	580368	11.53	ng	# 97
91) Benzo(g,h,i)perylene	30.32	276	532897	10.57	ng	# 94

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

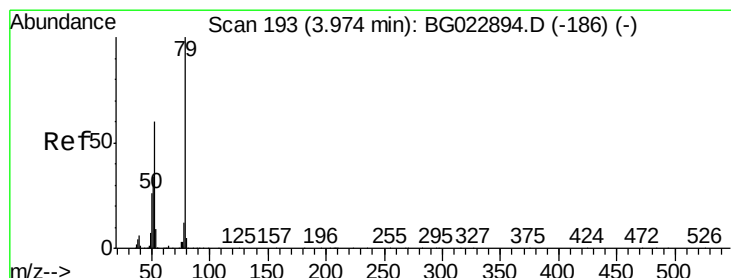
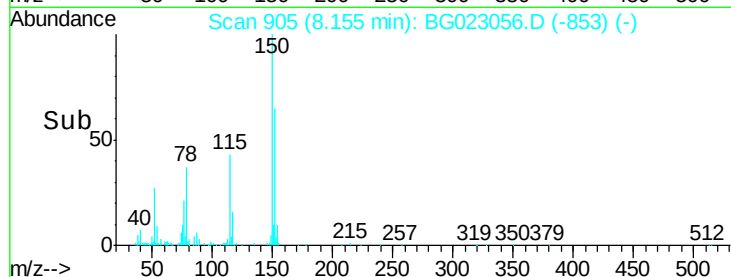
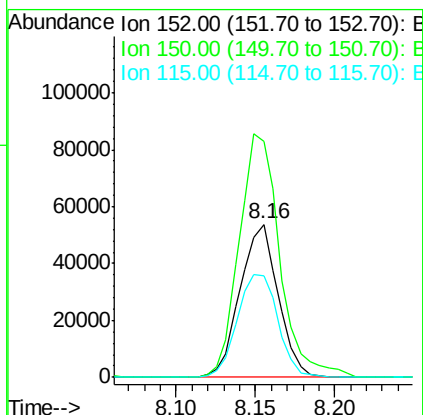
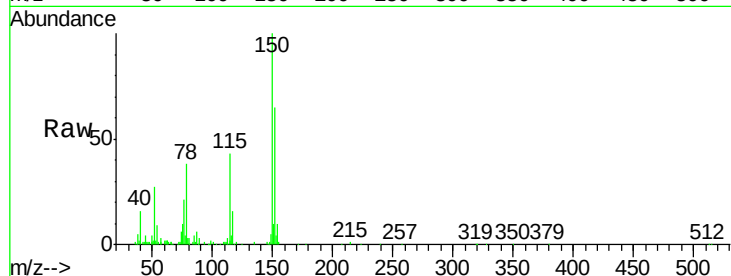


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.16 min Scan# 905
Delta R.T. 0.00 min
Lab File: BG023056.D
Acq: 13 Jul 2016 4:48

Instrument :
BNA_G
ClientSampleId :
LSS-MW-SB22(20)MS

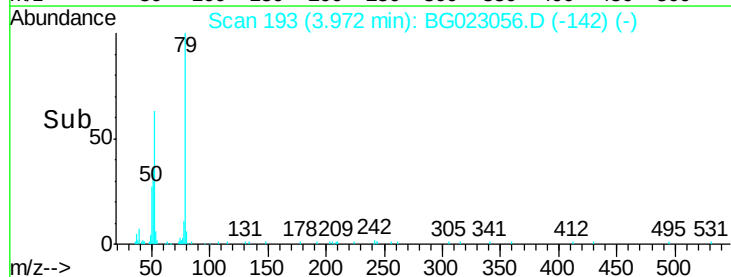
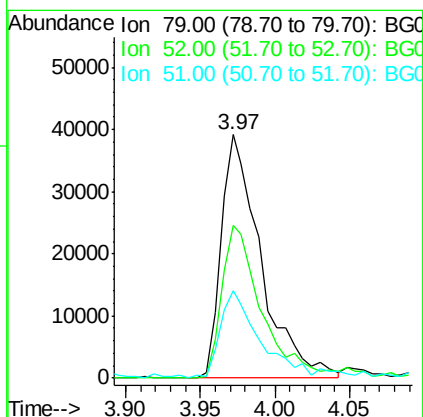
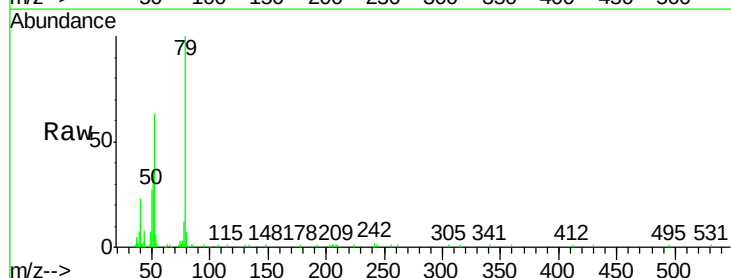
Tgt Ion:152 Resp: 89684
Ion Ratio Lower Upper
152 100
150 153.7 144.7 217.1
115 66.6 64.0 96.0

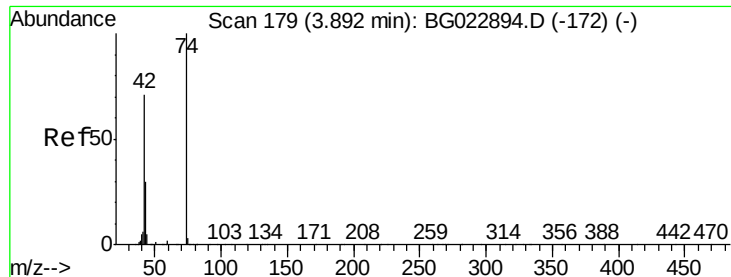


#3

Pyridine
Concen: 9.98 ng
RT: 3.97 min Scan# 193
Delta R.T. -0.00 min
Lab File: BG023056.D
Acq: 13 Jul 2016 4:48

Tgt Ion: 79 Resp: 72760
Ion Ratio Lower Upper
79 100
52 62.7 51.8 77.8
51 35.8 32.7 49.1





#4

n-Nitrosodimethylamine

Concen: 10.76 ng

RT: 3.88 min Scan# 178

Delta R.T. -0.01 min

Lab File: BG023056.D

Acq: 13 Jul 2016 4:48

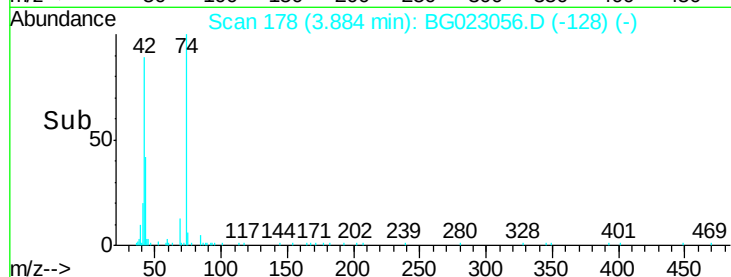
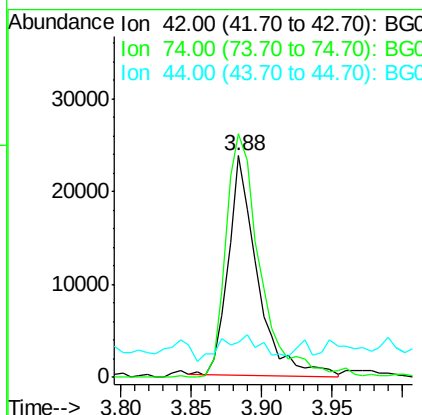
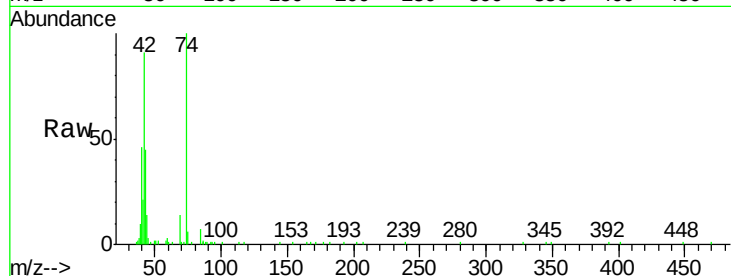
Instrument :

BNA_G

ClientSampleId :

LSS-MW-SB22(20)MS

Tgt Ion:	42	Resp:	33664
Ion	Ratio	Lower	Upper
42	100		
74	109.8	100.6	150.8
44	15.6	4.5	6.7#



#5

2-Fluorophenol

Concen: 67.40 ng

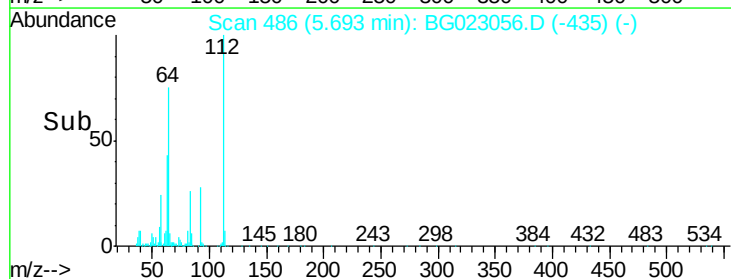
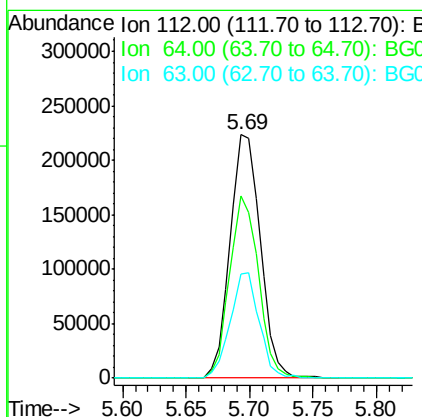
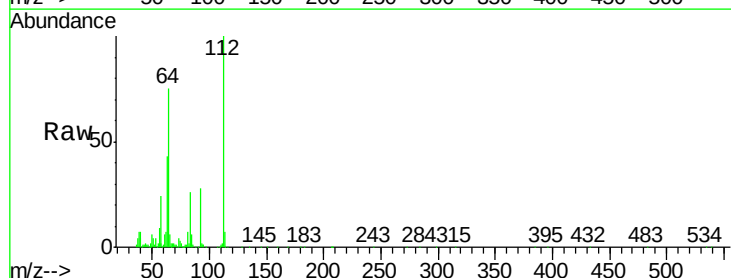
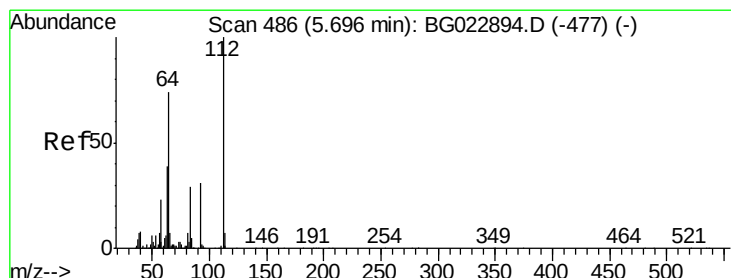
RT: 5.69 min Scan# 486

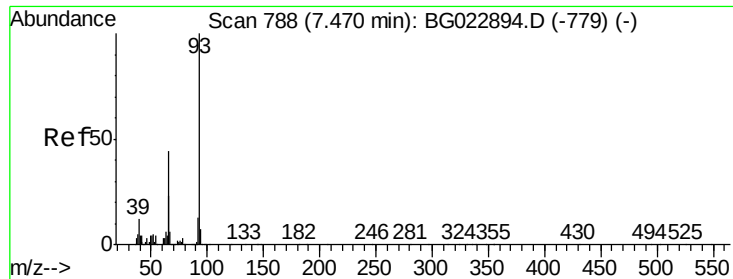
Delta R.T. -0.00 min

Lab File: BG023056.D

Acq: 13 Jul 2016 4:48

Tgt Ion:	112	Resp:	369616
Ion	Ratio	Lower	Upper
112	100		
64	74.8	59.0	88.4
63	42.8	37.8	56.8





#6

Aniline

Concen: 7.05 ng

RT: 7.47 min Scan# 788

Delta R.T. -0.00 min

Lab File: BG023056.D

Acq: 13 Jul 2016 4:48

Instrument :

BNA_G

ClientSampleId :

LSS-MW-SB22(20)MS

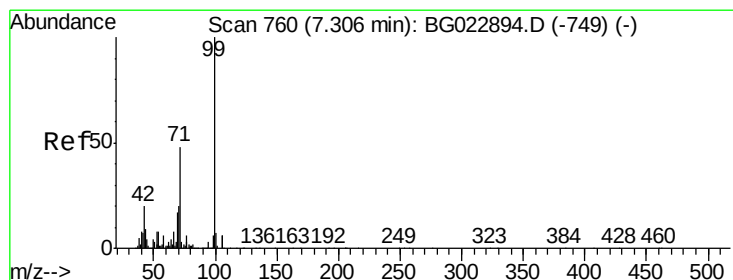
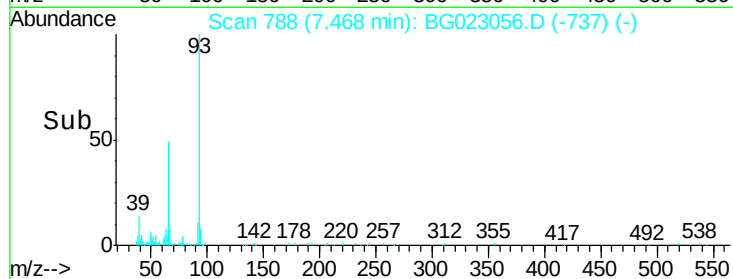
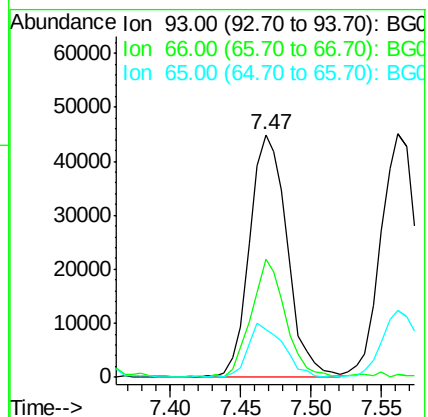
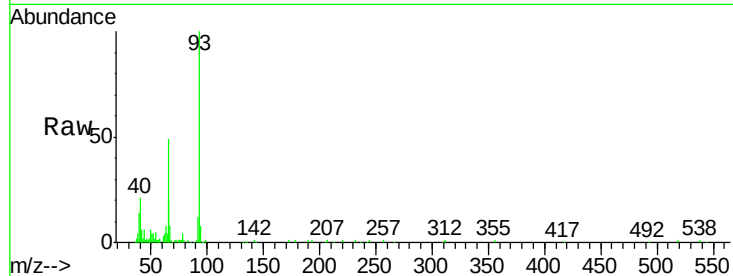
Tgt Ion: 93 Resp: 83929

Ion Ratio Lower Upper

93 100

66 48.9 37.5 56.3

65 19.7 17.9 26.9



#7

Phenol-d6

Concen: 43.90 ng

RT: 7.30 min Scan# 760

Delta R.T. -0.00 min

Lab File: BG023056.D

Acq: 13 Jul 2016 4:48

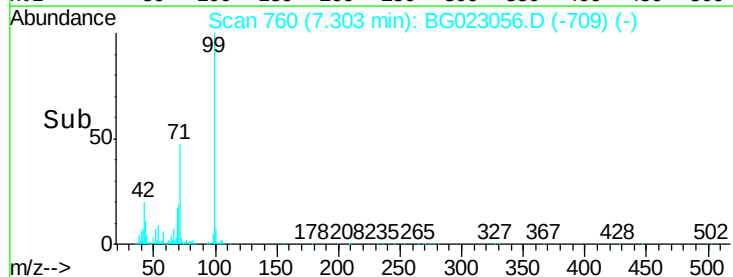
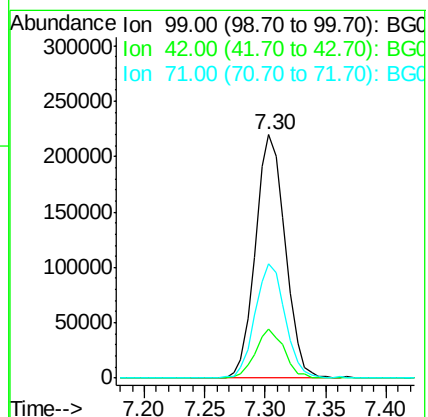
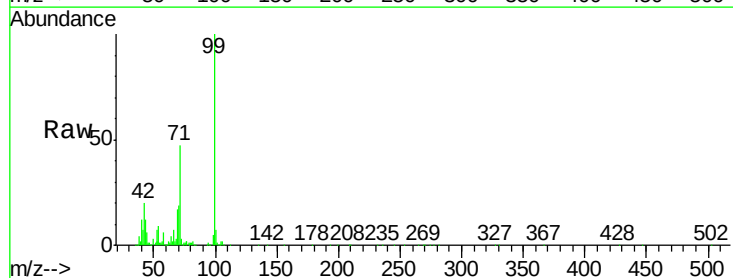
Tgt Ion: 99 Resp: 377006

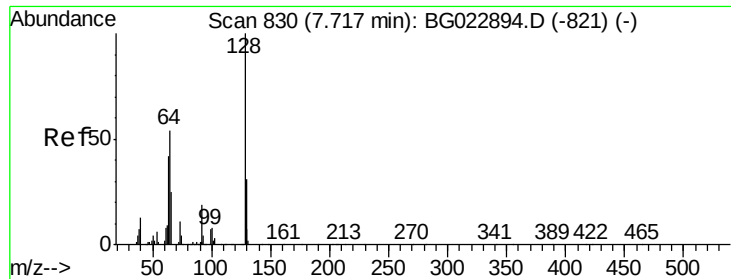
Ion Ratio Lower Upper

99 100

42 20.3 17.8 26.6

71 46.7 41.5 62.3





#8

2-Chlorophenol

Concen: 12.95 ng

RT: 7.71 min Scan# 830

Delta R.T. -0.00 min

Lab File: BG023056.D

Acq: 13 Jul 2016 4:48

Instrument :

BNA_G

ClientSampleId :

LSS-MW-SB22(20)MS

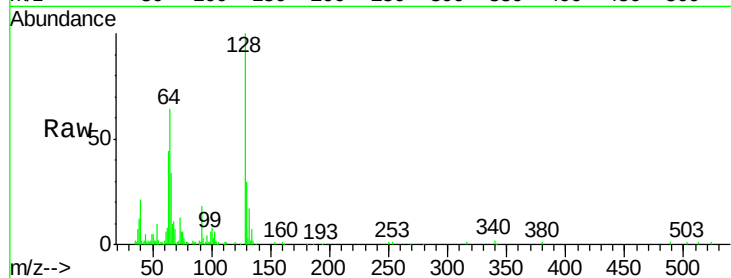
Tgt Ion:128 Resp: 75554

Ion Ratio Lower Upper

128 100

130 30.2 12.9 52.9

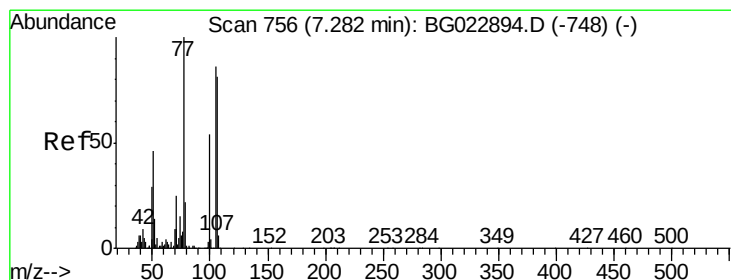
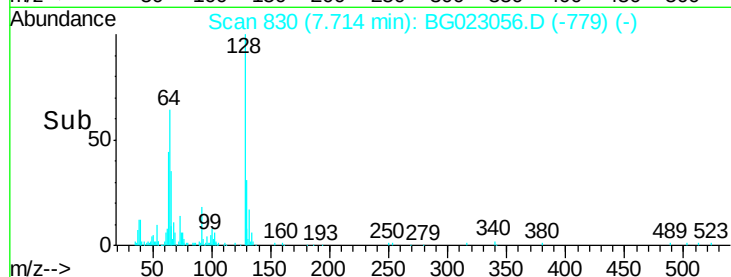
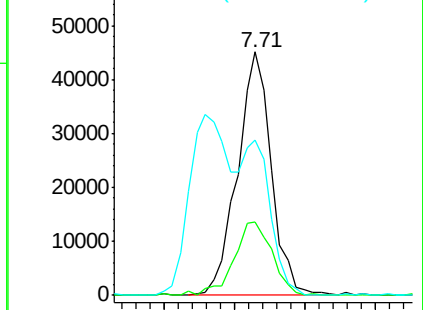
64 63.6 42.0 82.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BGC



#9

Benzaldehyde

Concen: 6.62 ng

RT: 7.28 min Scan# 756

Delta R.T. -0.00 min

Lab File: BG023056.D

Acq: 13 Jul 2016 4:48

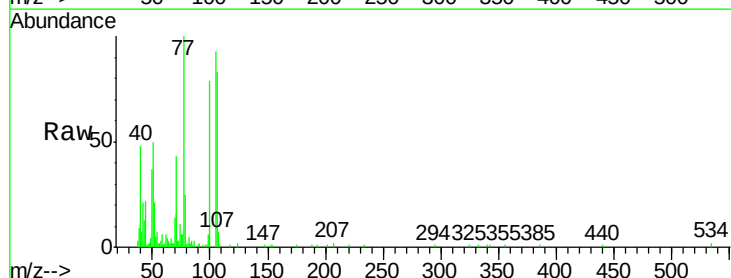
Tgt Ion: 77 Resp: 37985

Ion Ratio Lower Upper

77 100

105 92.9 58.7 98.7

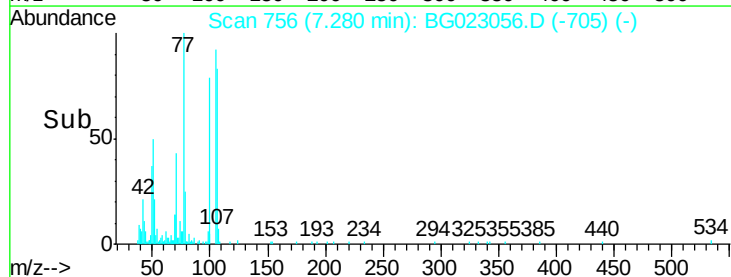
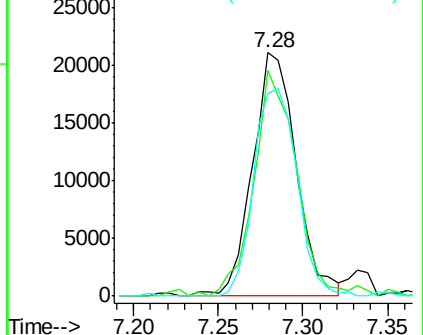
106 83.3 67.5 107.5

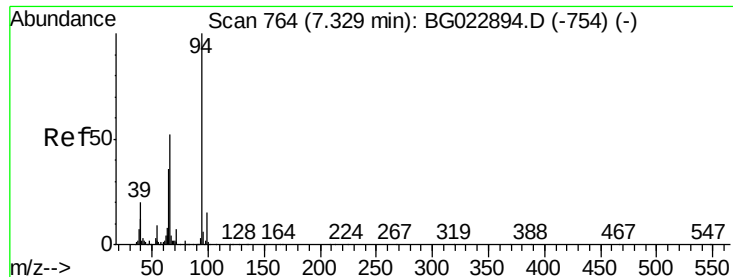


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 13.86 ng

RT: 7.33 min Scan# 765

Delta R.T. 0.00 min

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ClientSampleId :

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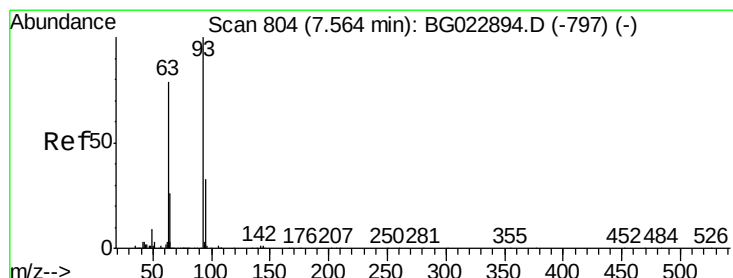
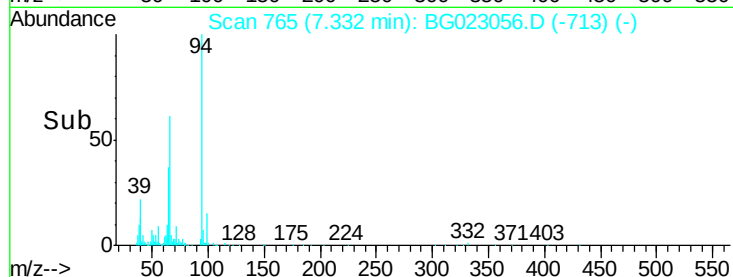
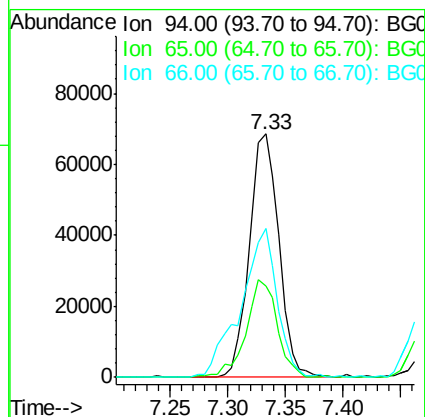
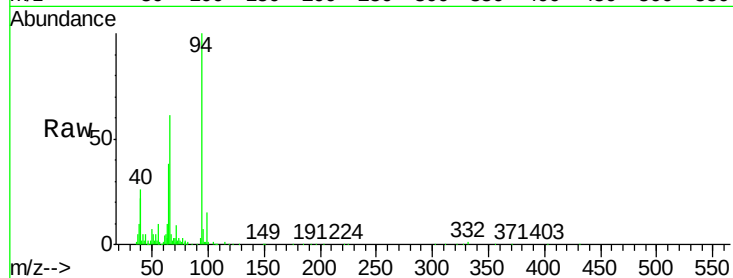
Tgt Ion: 94 Resp: 122447

Ion Ratio Lower Upper

94 100

65 37.7 18.1 58.1

66 61.1 42.1 82.1



#11

bis(2-Chloroethyl)ether

Concen: 11.05 ng

RT: 7.56 min Scan# 804

Delta R.T. -0.00 min

Lab File: BG023056.D

Acq: 13 Jul 2016 4:48

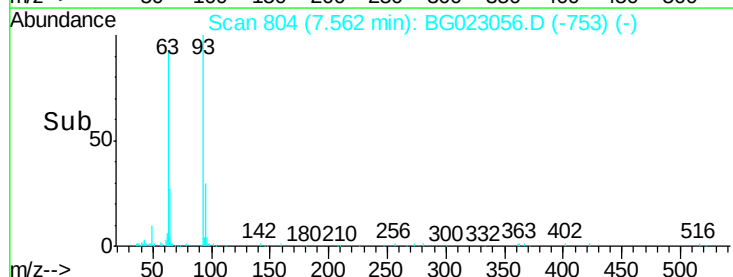
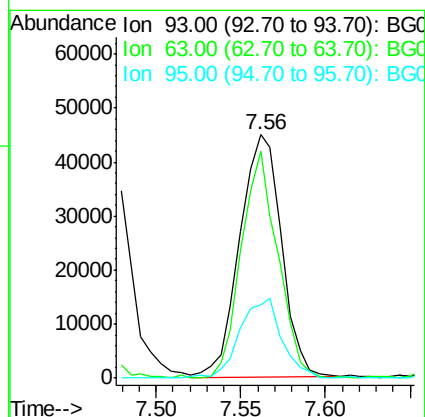
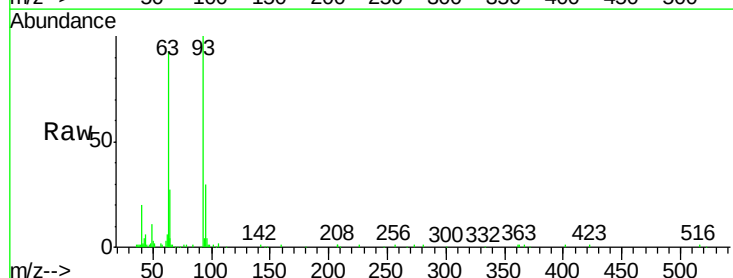
Tgt Ion: 93 Resp: 77423

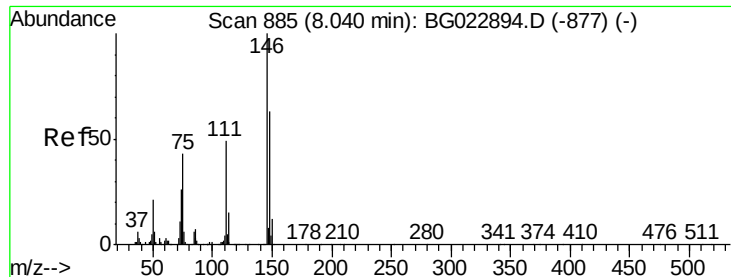
Ion Ratio Lower Upper

93 100

63 93.3 55.0 95.0

95 30.3 11.0 51.0





#12

1,3-Dichlorobenzene

Concen: 10.54 ng

RT: 8.04 min Scan# 886

Delta R.T. 0.00 min

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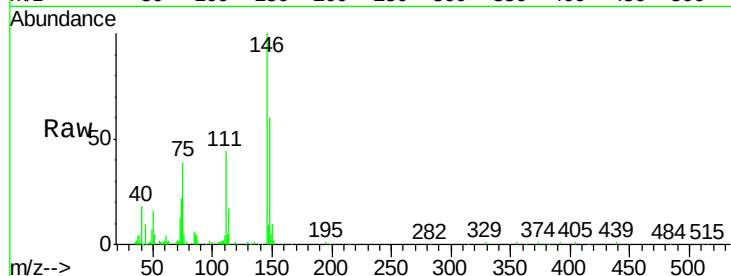
Tgt Ion:146 Resp: 75264

Ion Ratio Lower Upper

146 100

148 60.2 50.3 75.5

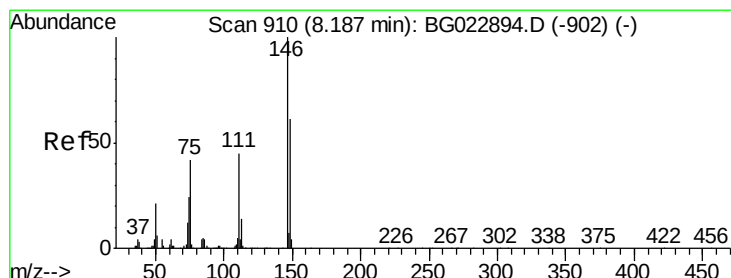
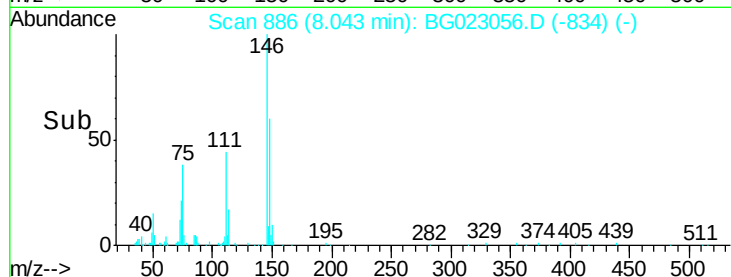
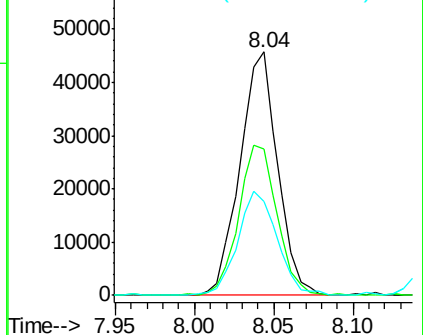
75 38.8 37.0 55.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): B



#13

1,4-Dichlorobenzene

Concen: 10.79 ng

RT: 8.18 min Scan# 910

Delta R.T. -0.00 min

Lab File: BG023056.D

Acq: 13 Jul 2016 4:48

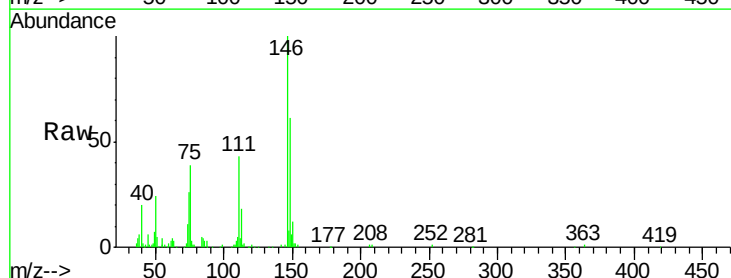
Tgt Ion:146 Resp: 77183

Ion Ratio Lower Upper

146 100

148 61.1 54.5 81.7

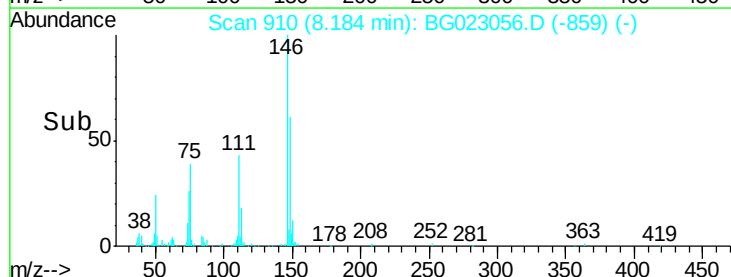
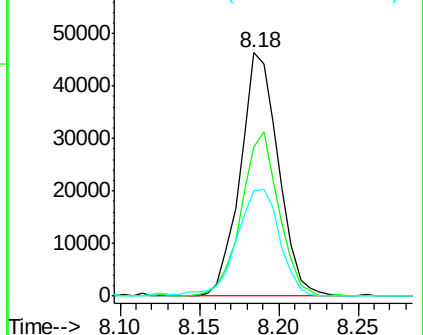
111 43.3 37.8 56.8

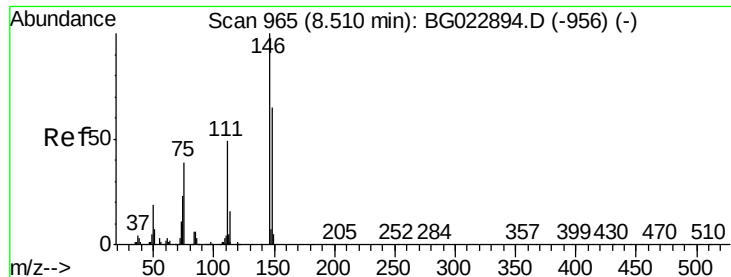


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

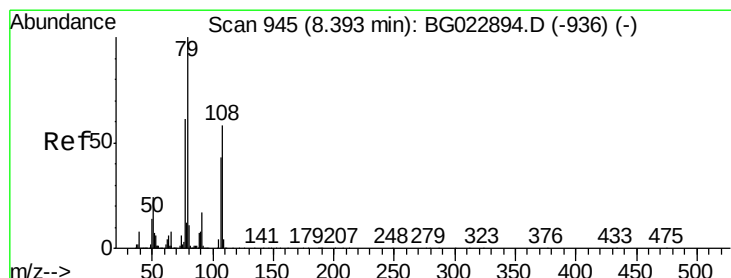
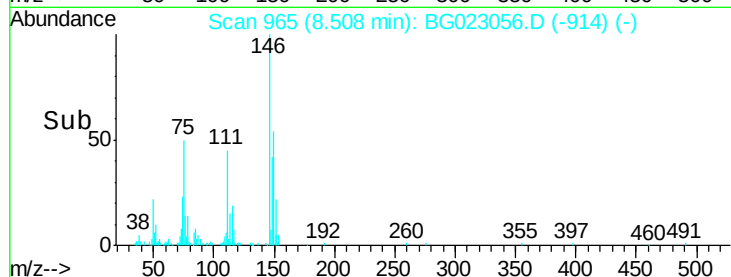
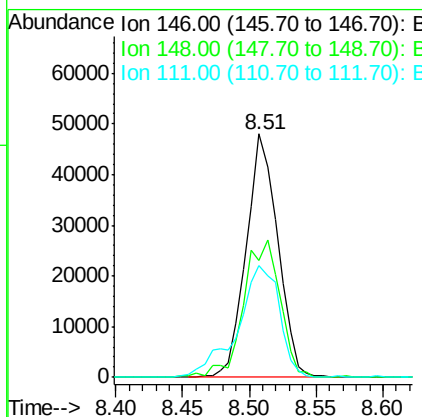
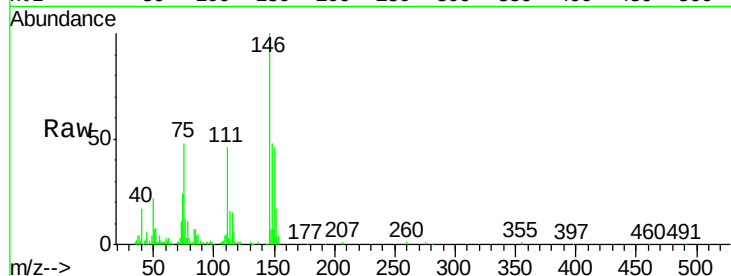




#14
 1,2-Dichlorobenzene
 Concen: 11.01 ng
 RT: 8.51 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: BG023056.D
 Acq: 13 Jul 2016 4:48

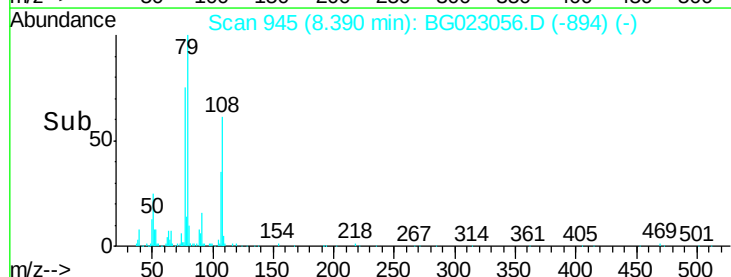
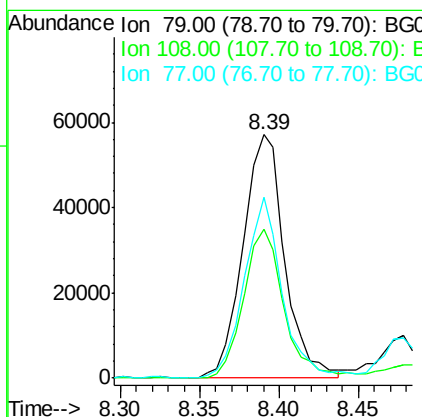
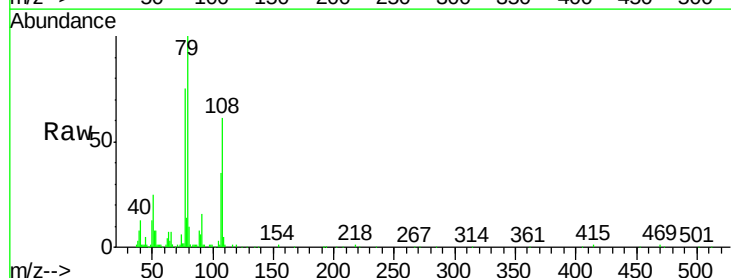
Instrument :
 BNA_G
 ClientSampleId :
 LSS-MW-SB22(20)MS

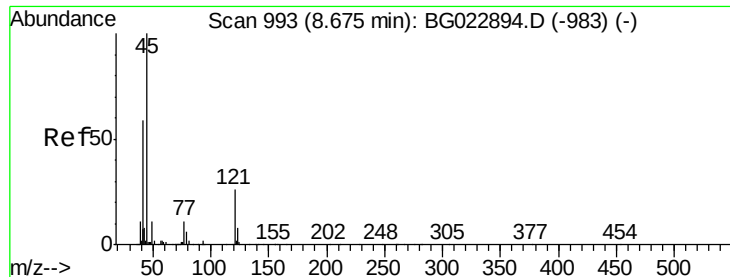
Tgt Ion: 146 Resp: 78239
 Ion Ratio Lower Upper
 146 100
 148 48.3 52.9 79.3#
 111 45.8 43.5 65.3



#15
 Benzyl Alcohol
 Concen: 13.27 ng
 RT: 8.39 min Scan# 945
 Delta R.T. -0.00 min
 Lab File: BG023056.D
 Acq: 13 Jul 2016 4:48

Tgt Ion: 79 Resp: 104416
 Ion Ratio Lower Upper
 79 100
 108 60.9 46.5 69.7
 77 74.5 52.3 78.5

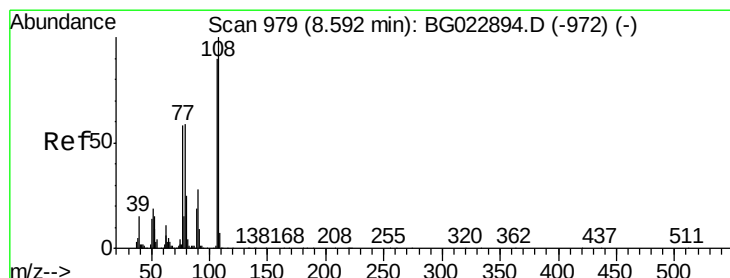
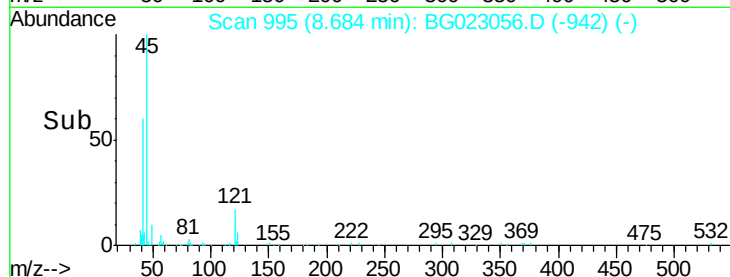
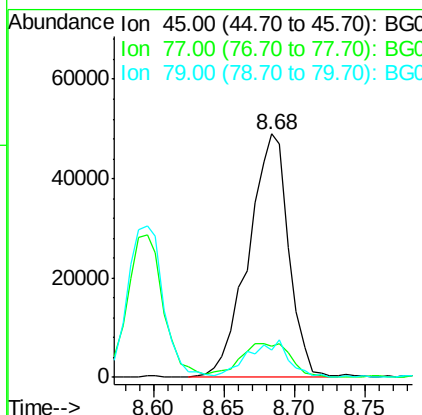
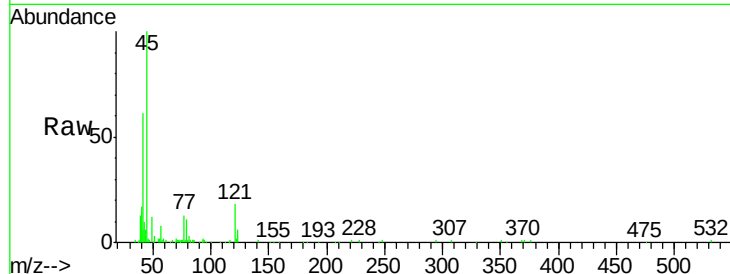




#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 11.46 ng
 RT: 8.68 min Scan# 995
 Delta R.T. 0.01 min
 Lab File: BG023056.D
 Acq: 13 Jul 2016 4:48

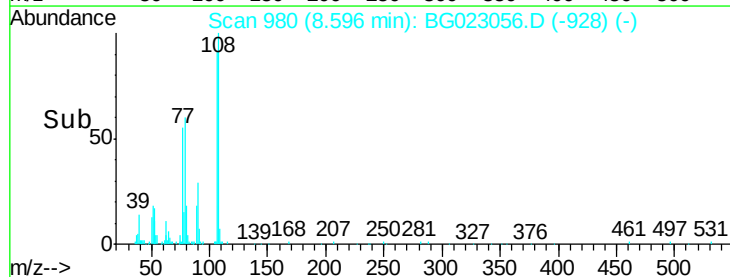
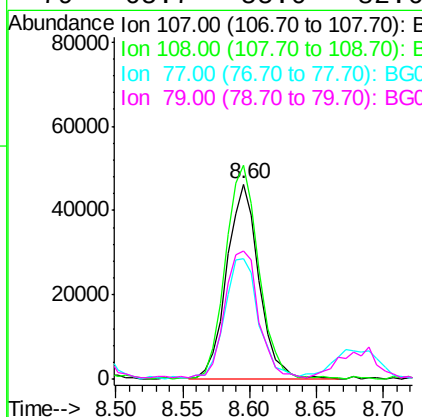
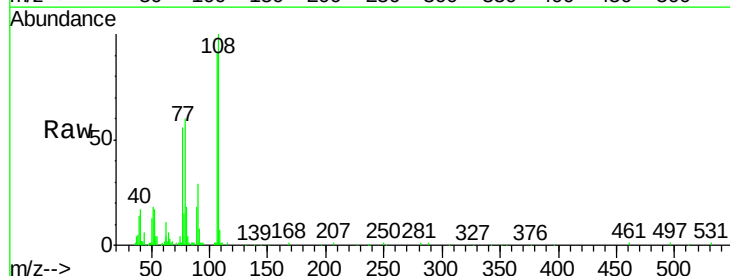
Instrument :
 BNA_G
 ClientSampleId :
 LSS-MW-SB22(20)MS

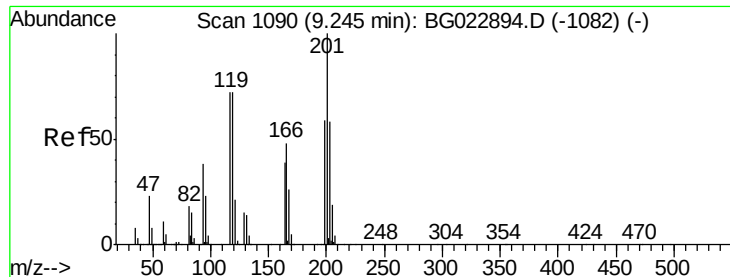
Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.9	0.6	40.6
79	11.5	0.0	36.2



#17
 2-Methylphenol
 Concen: 13.57 ng
 RT: 8.60 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: BG023056.D
 Acq: 13 Jul 2016 4:48

Tgt Ion	Ratio	Lower	Upper
107	100		
108	109.4	92.0	138.0
77	61.8	55.8	83.6
79	65.7	55.0	82.6

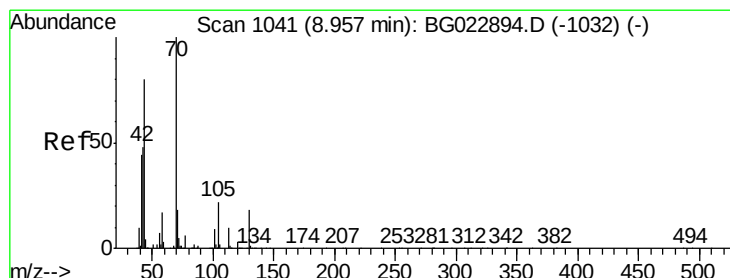
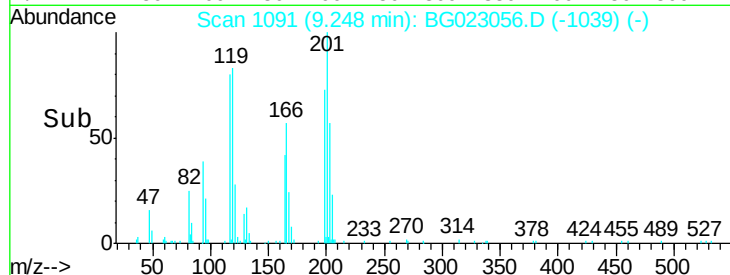
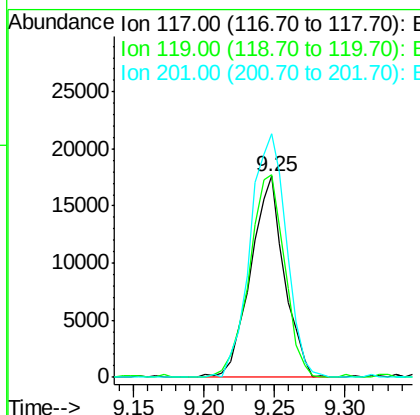
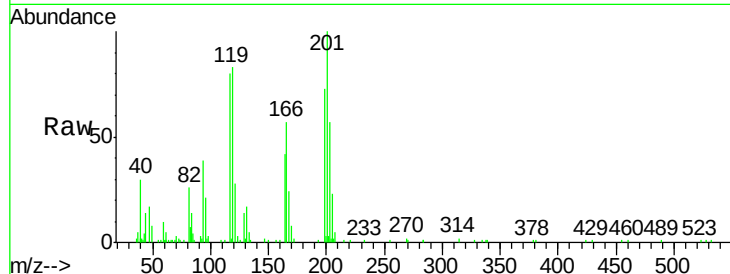




#18
Hexachloroethane
Concen: 9.73 ng
RT: 9.25 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BG023056.D
Acq: 13 Jul 2016 4:48

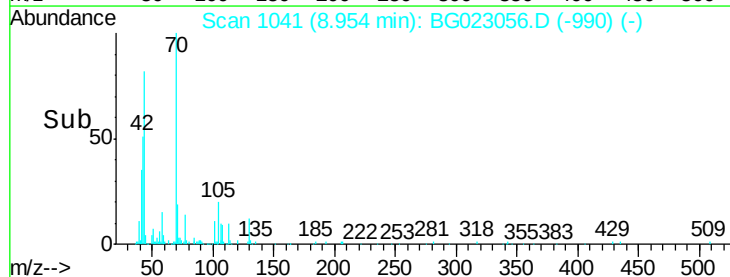
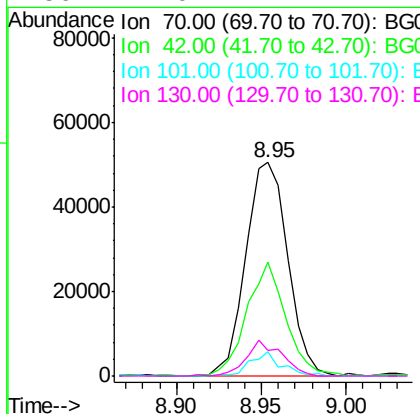
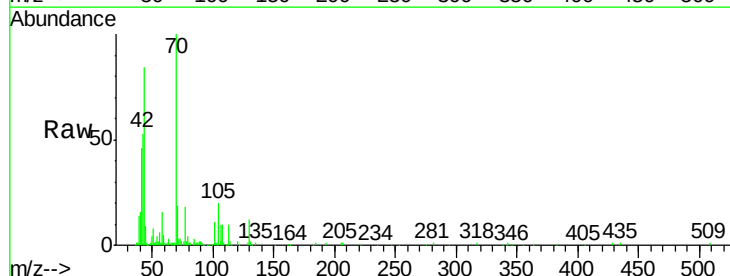
Instrument :
BNA_G
ClientSampleId :
LSS-MW-SB22(20)MS

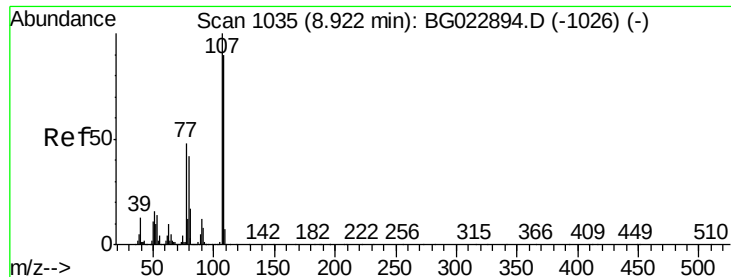
Tgt Ion: 117 Resp: 29359
Ion Ratio Lower Upper
117 100
119 100.7 73.7 110.5
201 121.2 88.7 133.1



#19
n-Nitroso-di-n-propylamine
Concen: 11.27 ng
RT: 8.95 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BG023056.D
Acq: 13 Jul 2016 4:48

Tgt Ion: 70 Resp: 87268
Ion Ratio Lower Upper
70 100
42 53.3 42.1 63.1
101 11.2 7.2 10.8#
130 12.0 14.2 21.2#

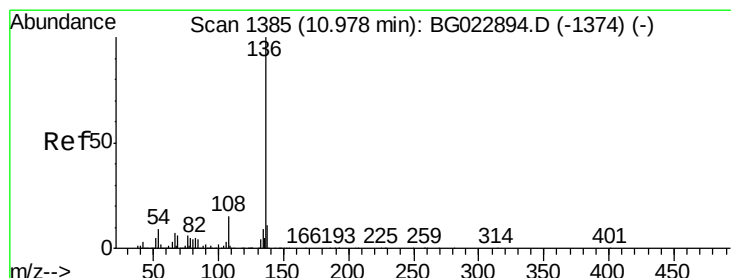
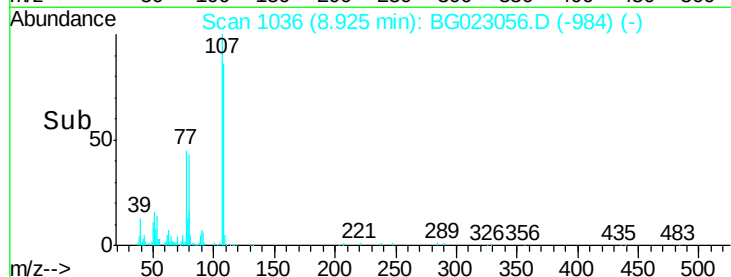
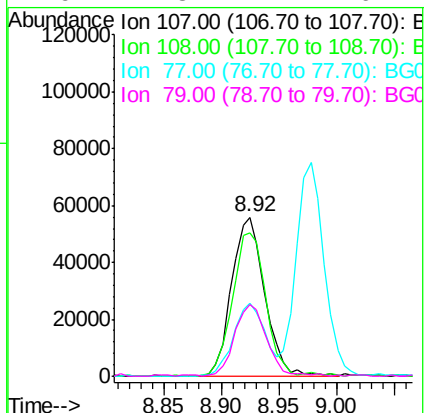
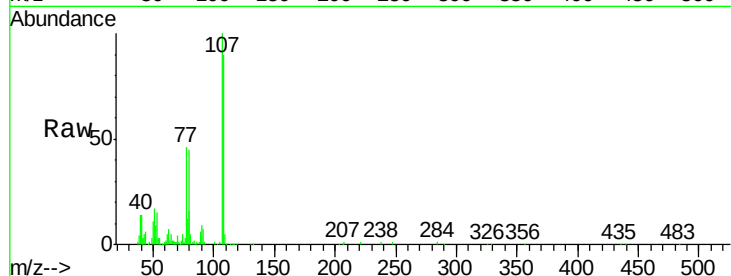




#20
3+4-Methylphenols
Concen: 13.89 ng
RT: 8.92 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BG023056.D
Acq: 13 Jul 2016 4:48

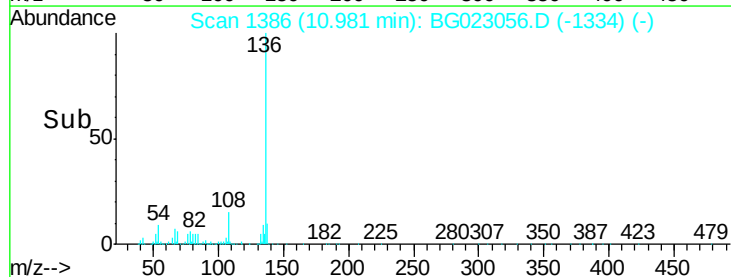
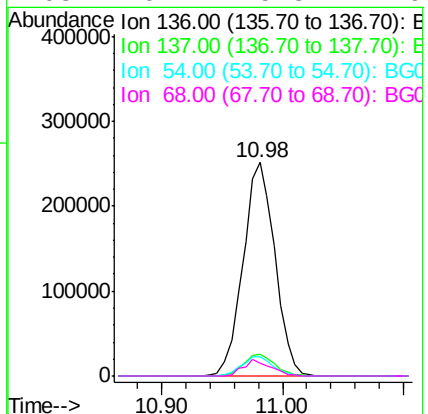
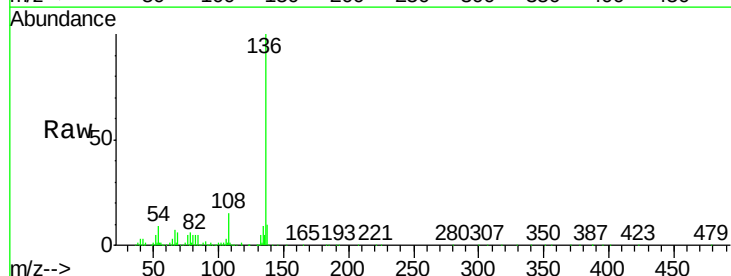
Instrument :
BNA_G
ClientSampleId :
LSS-MW-SB22(20)MS

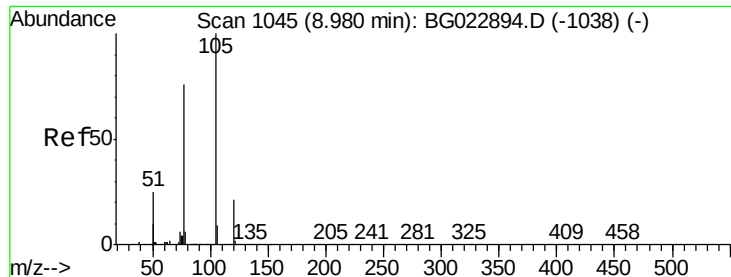
Tgt Ion:	107	Resp:	111460
Ion	Ratio	Lower	Upper
107	100		
108	90.0	72.5	112.5
77	45.6	30.1	70.1
79	44.8	24.2	64.2



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1386
Delta R.T. 0.00 min
Lab File: BG023056.D
Acq: 13 Jul 2016 4:48

Tgt Ion:	136	Resp:	461645
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.6	14.4
54	8.9	7.3	10.9
68	6.2	5.3	7.9





#22

Acetophenone

Concen: 10.39 ng

RT: 8.98 min Scan# 1045

Delta R.T. -0.00 min

Lab File: BG023056.D

Acq: 13 Jul 2016 4:48

Instrument :

BNA_G

ClientSampleId :

LSS-MW-SB22(20)MS

Tgt Ion: 105 Resp: 143936

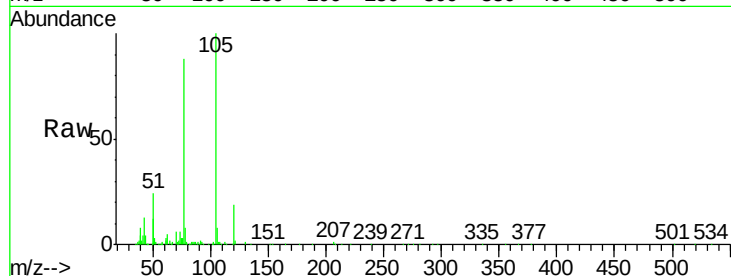
Ion Ratio Lower Upper

105 100

71 1.1 2.6 3.8#

51 23.5 27.1 40.7#

120 19.3 15.1 22.7

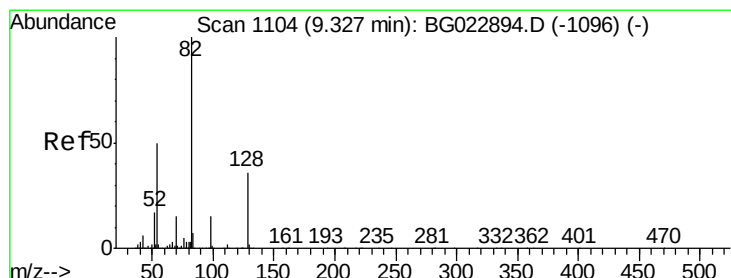
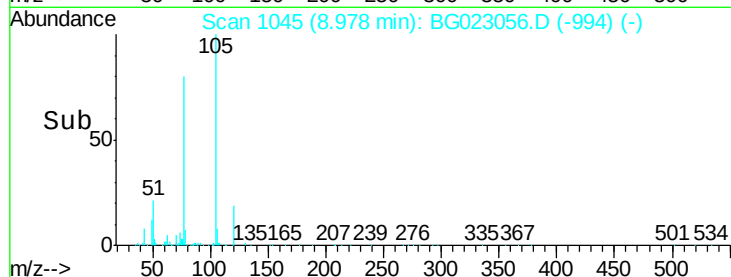
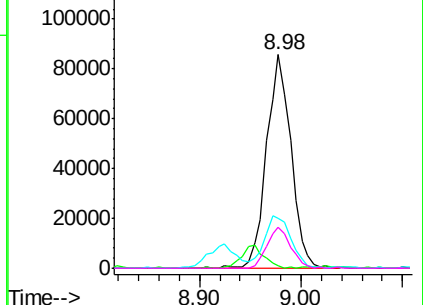


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 96.91 ng

RT: 9.33 min Scan# 1105

Delta R.T. 0.00 min

Lab File: BG023056.D

Acq: 13 Jul 2016 4:48

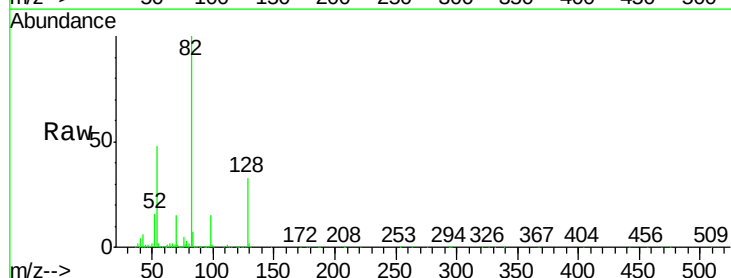
Tgt Ion: 82 Resp: 1044804

Ion Ratio Lower Upper

82 100

128 33.2 24.4 36.6

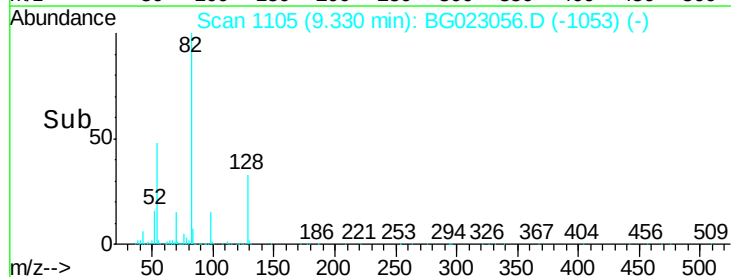
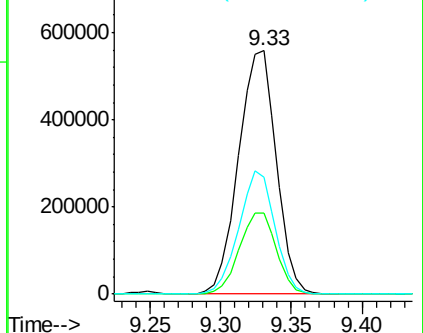
54 47.9 41.4 62.0

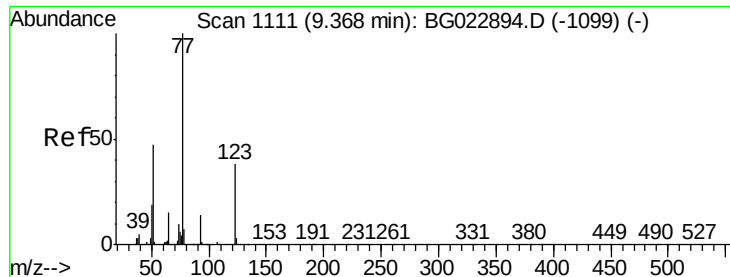


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

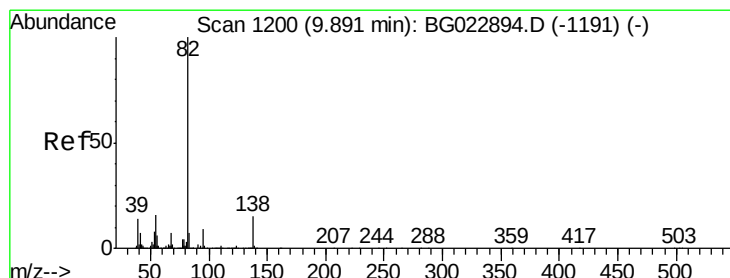
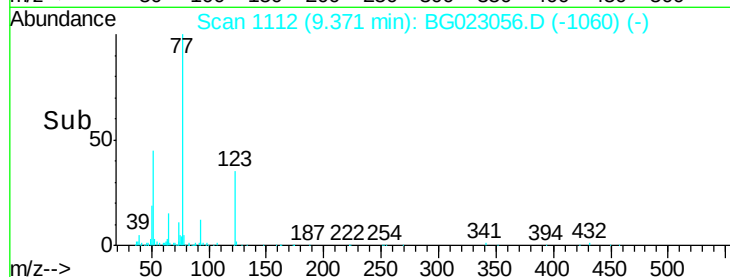
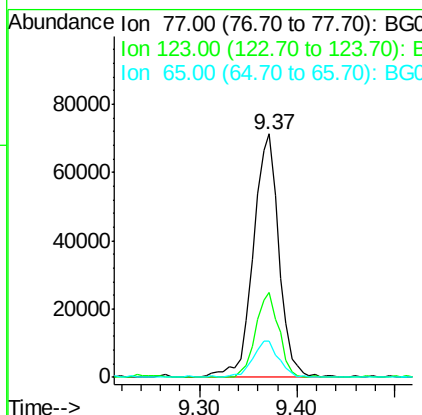
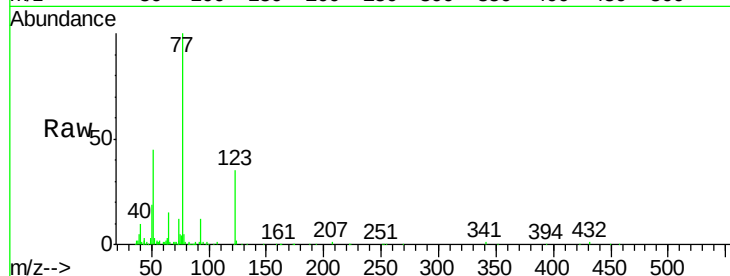




#24
 Nitrobenzene
 Concen: 11.41 ng
 RT: 9.37 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: BG023056.D
 Acq: 13 Jul 2016 4:48

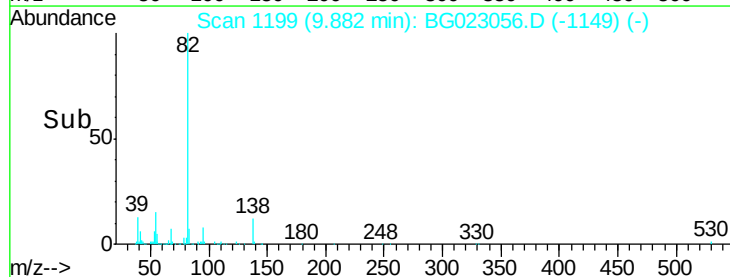
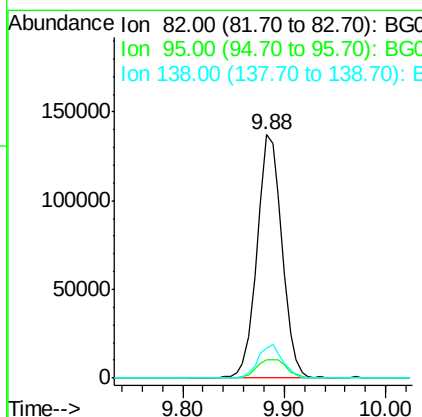
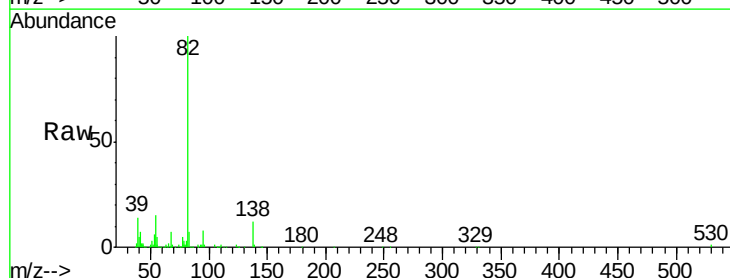
Instrument :
 BNA_G
 ClientSampleId :
 LSS-MW-SB22(20)MS

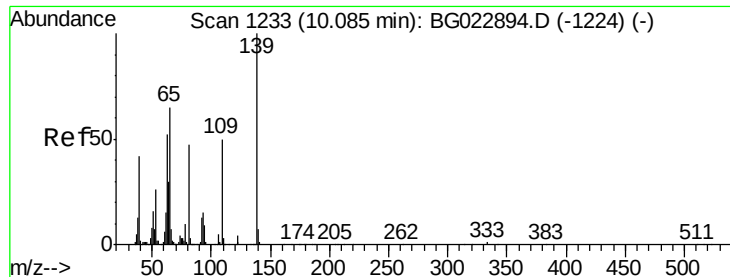
Tgt Ion: 77 Resp: 130671
 Ion Ratio Lower Upper
 77 100
 123 34.9 25.0 37.6
 65 14.9 13.4 20.0



#25
 Isophorone
 Concen: 10.81 ng
 RT: 9.88 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BG023056.D
 Acq: 13 Jul 2016 4:48

Tgt Ion: 82 Resp: 234339
 Ion Ratio Lower Upper
 82 100
 95 7.6 8.2 12.2#
 138 12.3 10.7 16.1





#26

2-Nitrophenol

Concen: 10.73 ng

RT: 10.09 min Scan# 1234

Delta R.T. 0.00 min

Lab File: BG023056.D

Acq: 13 Jul 2016 4:48

Instrument :

BNA_G

ClientSampleId :

LSS-MW-SB22(20)MS

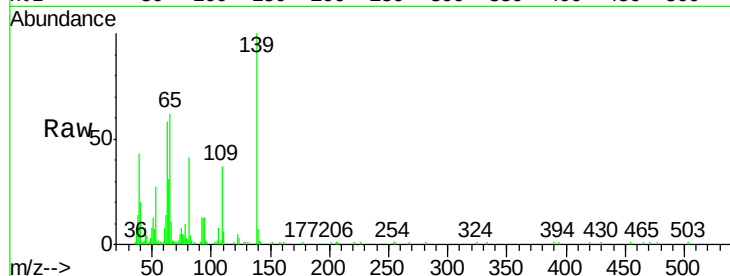
Tgt Ion:139 Resp: 48241

Ion Ratio Lower Upper

139 100

109 36.6 43.5 65.3#

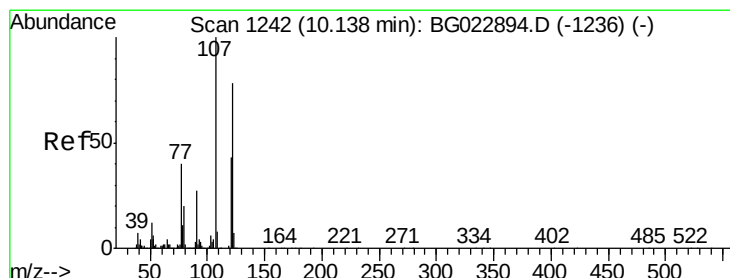
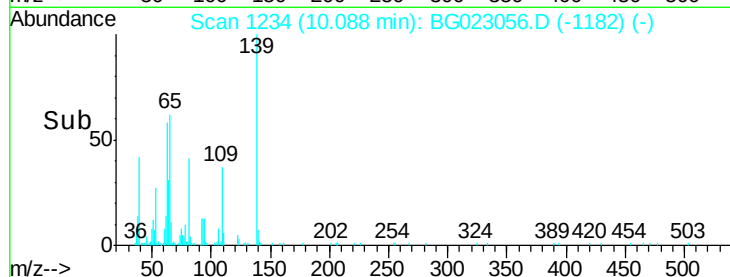
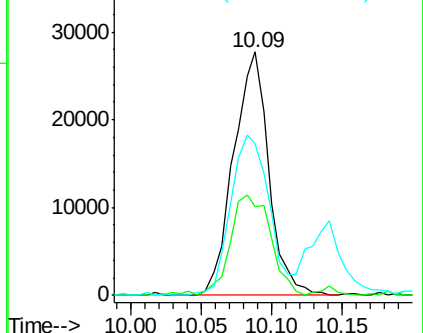
65 62.1 64.3 96.5#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#27

2,4-Dimethylphenol

Concen: 11.17 ng

RT: 10.14 min Scan# 1242

Delta R.T. -0.00 min

Lab File: BG023056.D

Acq: 13 Jul 2016 4:48

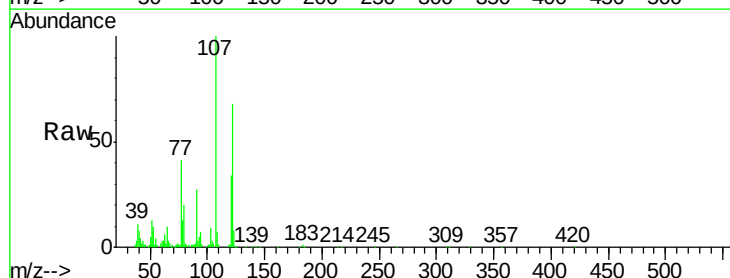
Tgt Ion:122 Resp: 86833

Ion Ratio Lower Upper

122 100

107 146.4 117.0 175.4

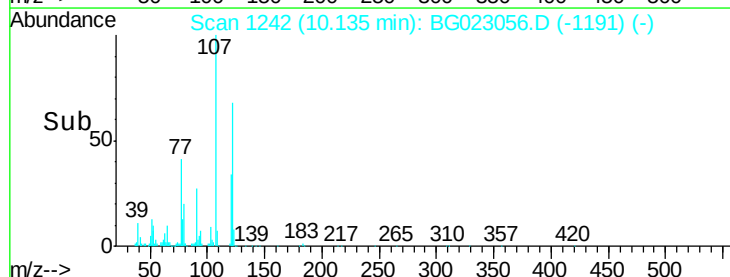
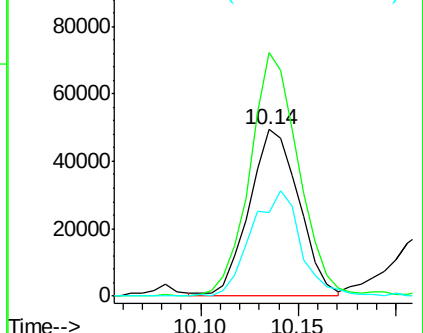
121 50.4 50.1 75.1

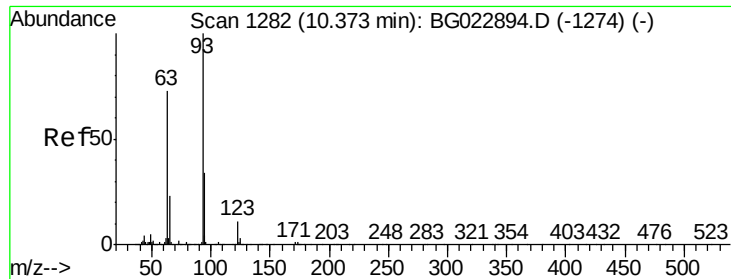


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

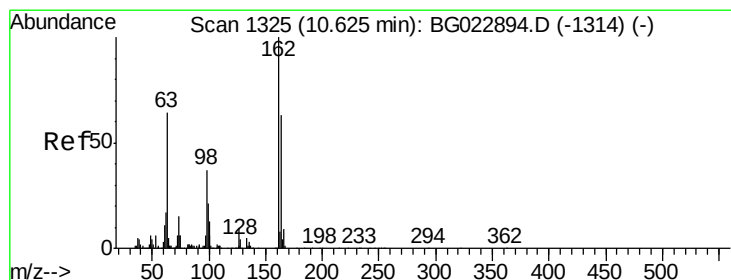
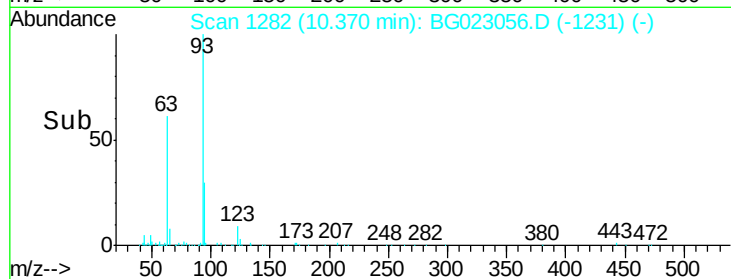
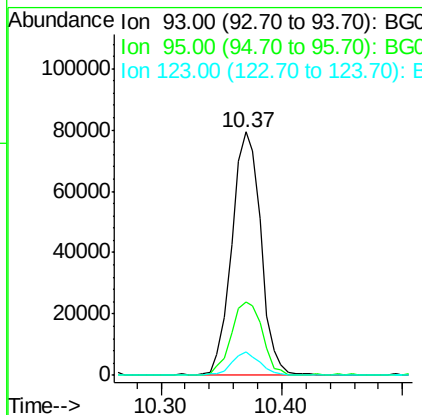
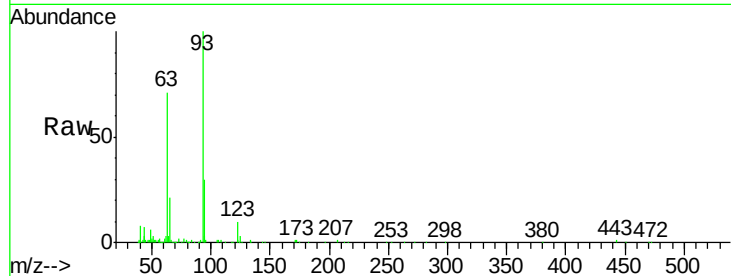




#28
bis(2-Chloroethoxy)methane
Concen: 11.01 ng
RT: 10.37 min Scan# 1282
Delta R.T. -0.00 min
Lab File: BG023056.D
Acq: 13 Jul 2016 4:48

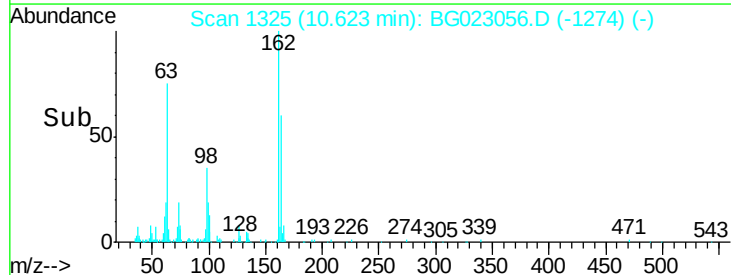
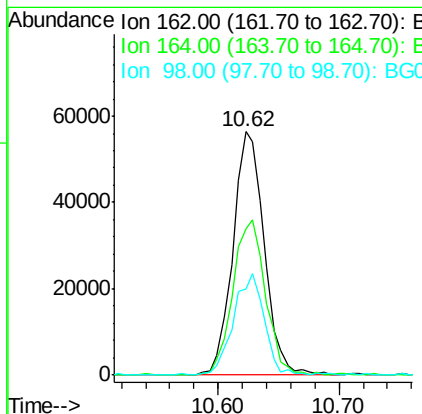
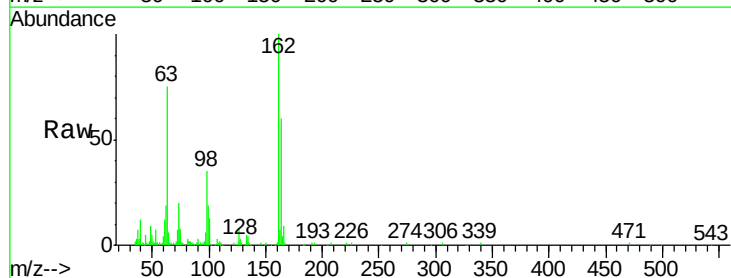
Instrument :
BNA_G
ClientSampleId :
LSS-MW-SB22(20)MS

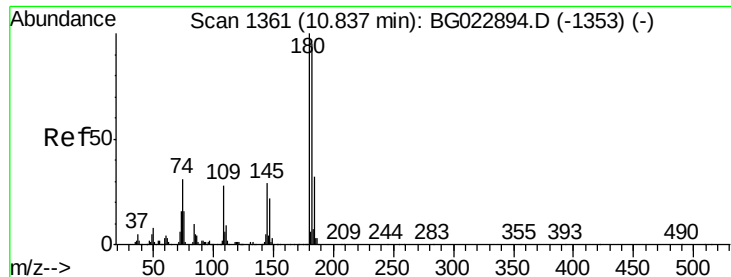
Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.2	25.4	38.2
123	9.7	8.2	12.2



#29
2,4-Dichlorophenol
Concen: 12.28 ng
RT: 10.62 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BG023056.D
Acq: 13 Jul 2016 4:48

Tgt Ion	Ratio	Lower	Upper
162	100		
164	60.0	44.3	84.3
98	35.4	19.5	59.5

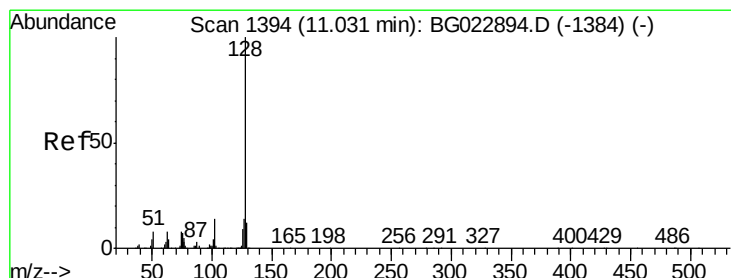
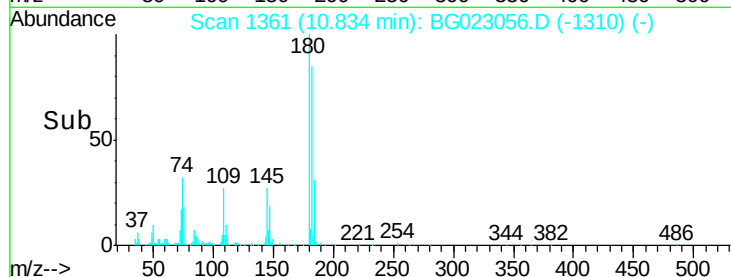
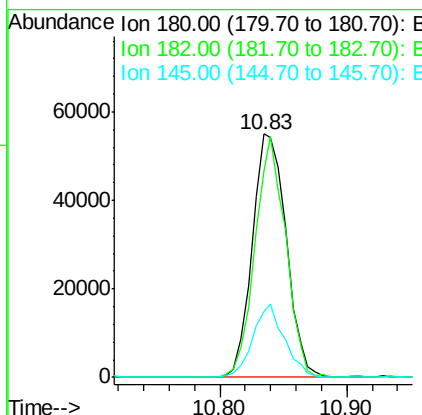
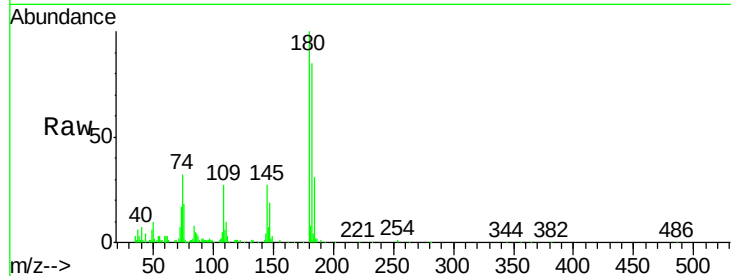




#30
1,2,4-Trichlorobenzene
Concen: 10.75 ng
RT: 10.83 min Scan# 1361
Delta R.T. -0.00 min
Lab File: BG023056.D
Acq: 13 Jul 2016 4:48

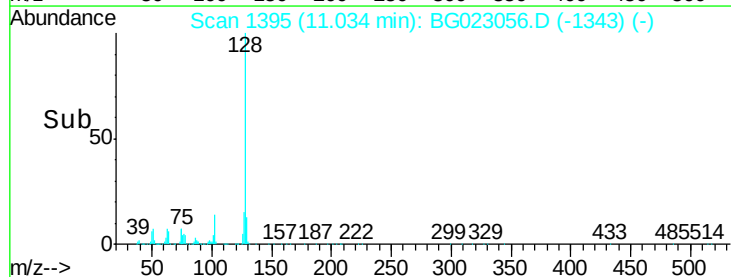
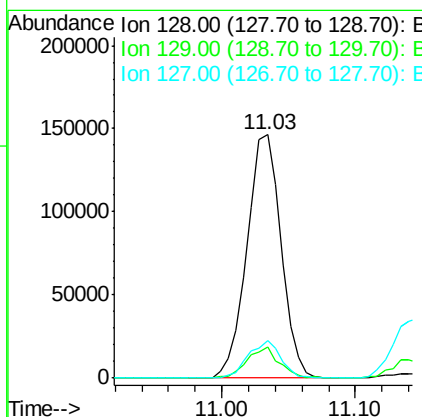
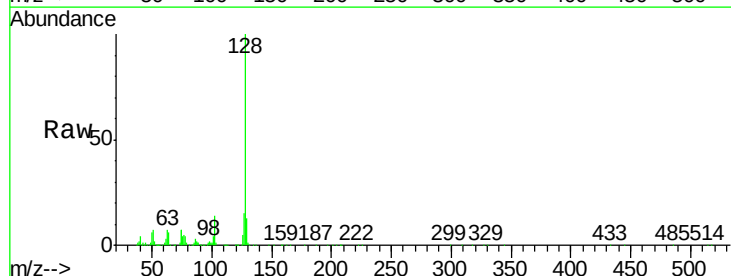
Instrument :
BNA_G
ClientSampleId :
LSS-MW-SB22(20)MS

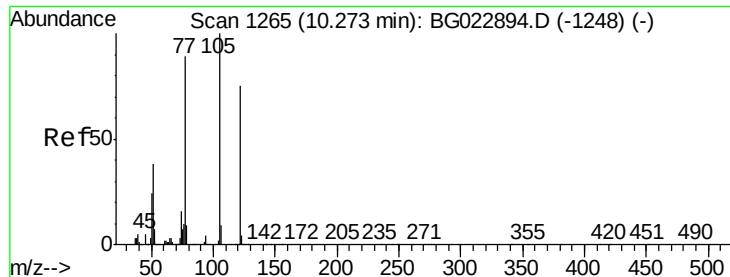
Tgt Ion	Ratio	Lower	Upper
180	100		
182	84.6	73.8	110.8
145	27.1	24.4	36.6



#31
Naphthalene
Concen: 10.97 ng
RT: 11.03 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BG023056.D
Acq: 13 Jul 2016 4:48

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.6	9.4	14.0
127	15.2	11.3	16.9





#32

Benzoic acid

Concen: 8.52 ng

RT: 10.22 min Scan# 1257

Delta R.T. -0.05 min

Lab File: BG023056.D

Acq: 13 Jul 2016 4:48

Instrument :

BNA_G

ClientSampleId :

LSS-MW-SB22(20)MS

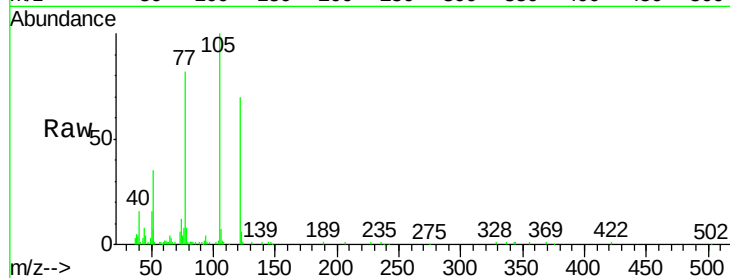
Tgt Ion:122 Resp: 60199

Ion Ratio Lower Upper

122 100

105 142.5 117.2 157.2

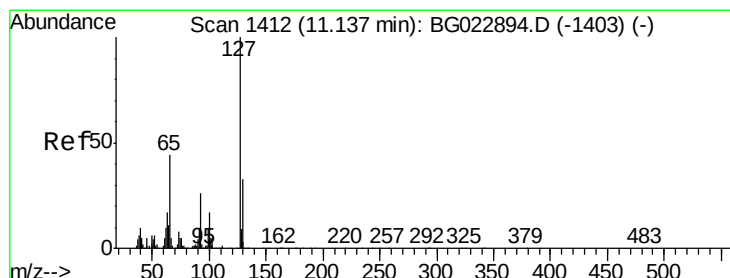
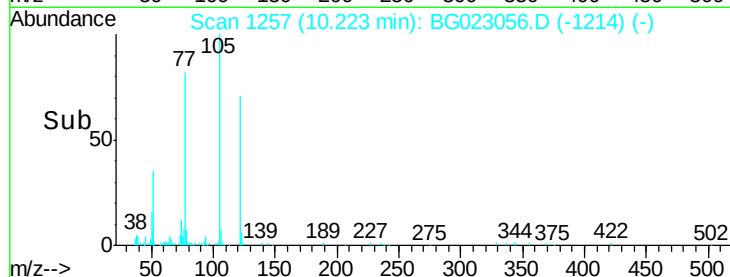
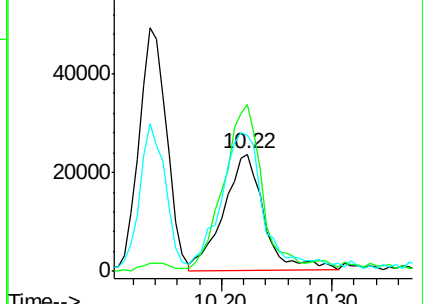
77 116.7 109.2 149.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC



#33

4-Chloroaniline

Concen: 5.73 ng

RT: 11.15 min Scan# 1414

Delta R.T. 0.01 min

Lab File: BG023056.D

Acq: 13 Jul 2016 4:48

Tgt Ion:127 Resp: 65876

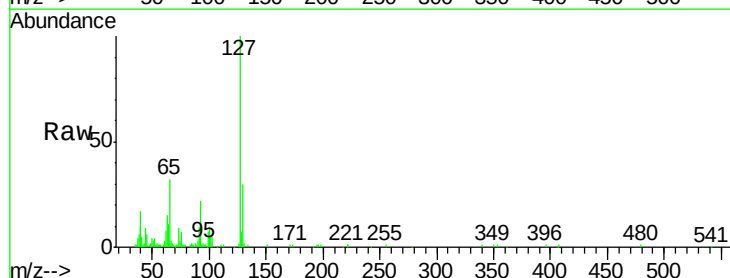
Ion Ratio Lower Upper

127 100

129 30.0 27.9 41.9

65 31.6 36.8 55.2#

92 22.4 21.0 31.6

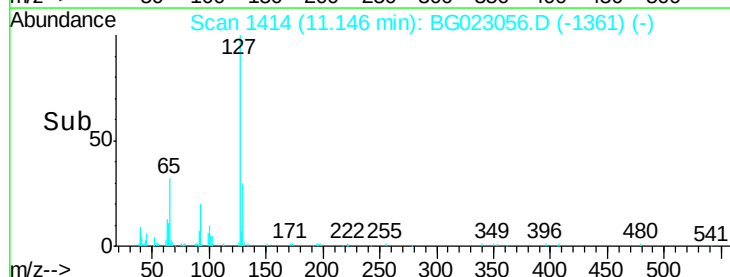
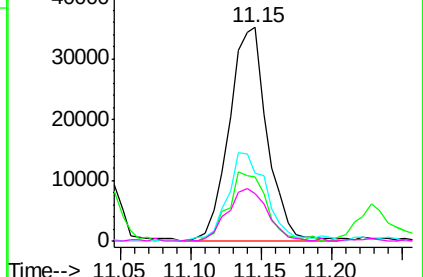


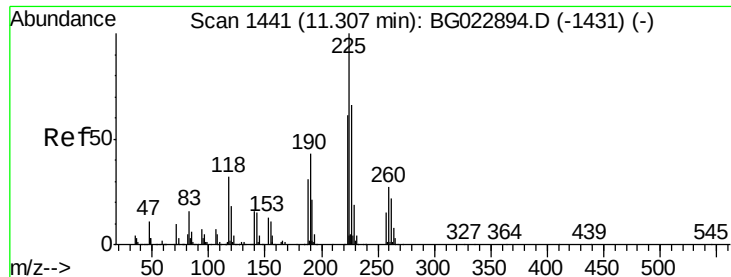
Abundance Ion 127.00 (126.70 to 127.70): E

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: 9.19 ng

RT: 11.31 min Scan# 1442

Delta R.T. 0.00 min

Lab File: BG023056.D

Acq: 13 Jul 2016 4:48

Instrument :

BNA_G

ClientSampleId :

LSS-MW-SB22(20)MS

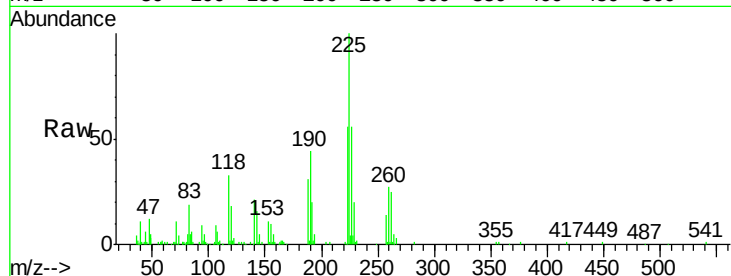
Tgt Ion: 225 Resp: 70724

Ion Ratio Lower Upper

225 100

223 56.2 49.6 74.4

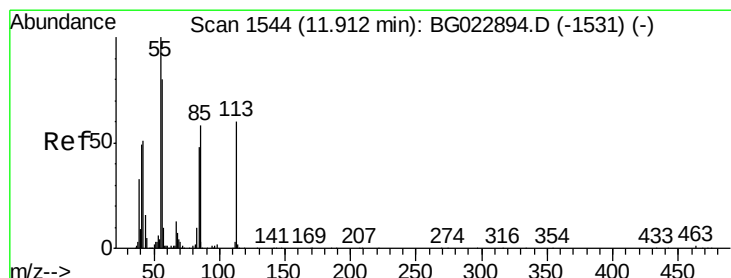
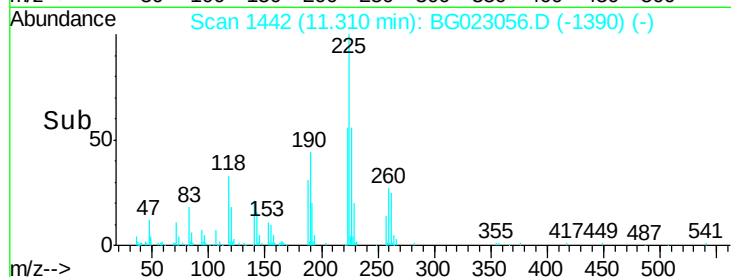
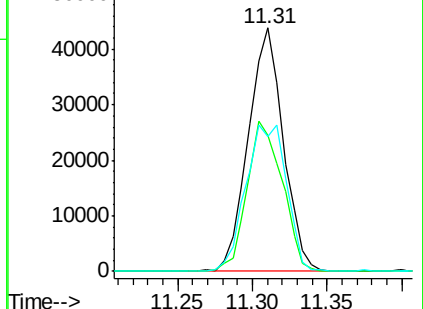
227 55.6 54.5 81.7



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: 10.48 ng

RT: 11.91 min Scan# 1544

Delta R.T. -0.00 min

Lab File: BG023056.D

Acq: 13 Jul 2016 4:48

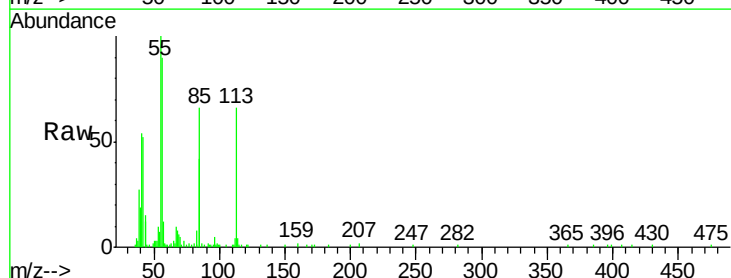
Tgt Ion: 113 Resp: 35737

Ion Ratio Lower Upper

113 100

55 151.0 154.5 194.5#

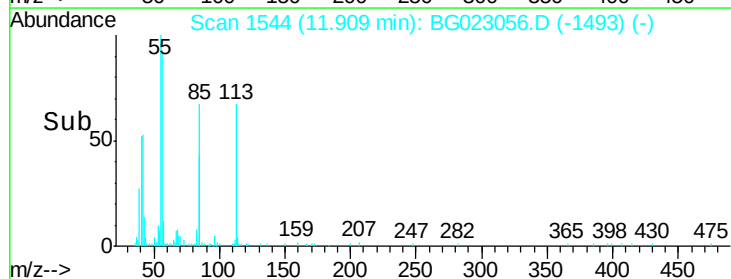
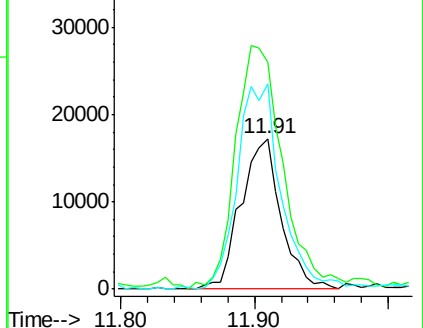
56 135.8 125.1 165.1

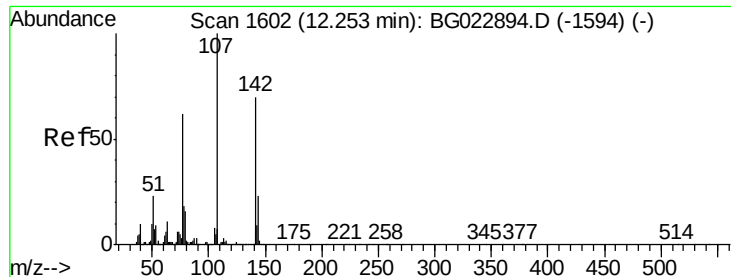


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0

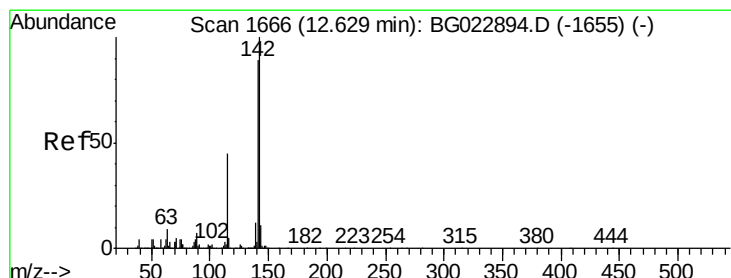
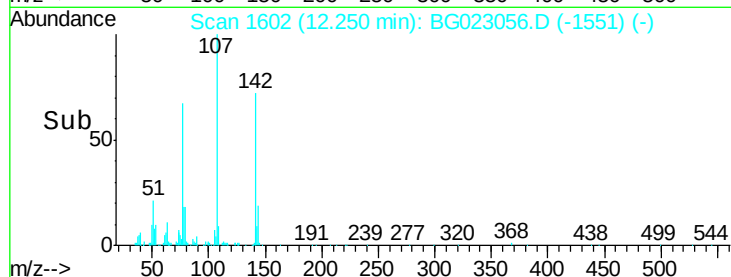
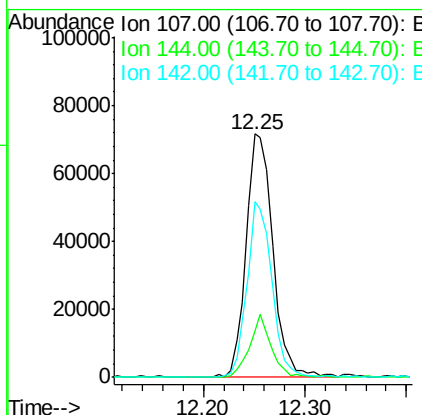
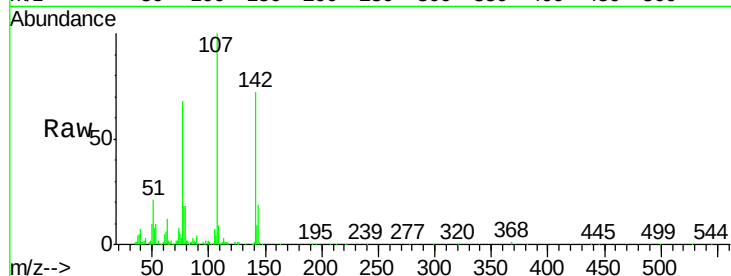




#36
4-Chloro-3-methylphenol
Concen: 11.57 ng
RT: 12.25 min Scan# 1602
Delta R.T. -0.00 min
Lab File: BG023056.D
Acq: 13 Jul 2016 4:48

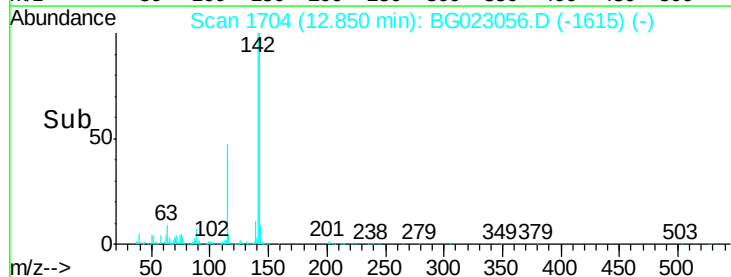
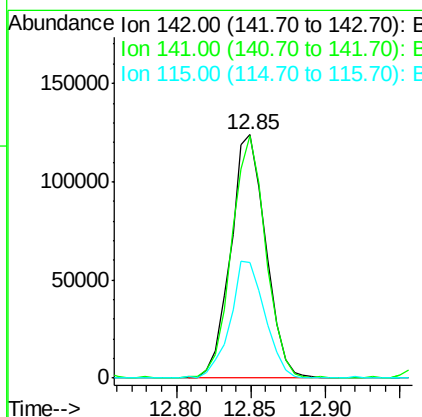
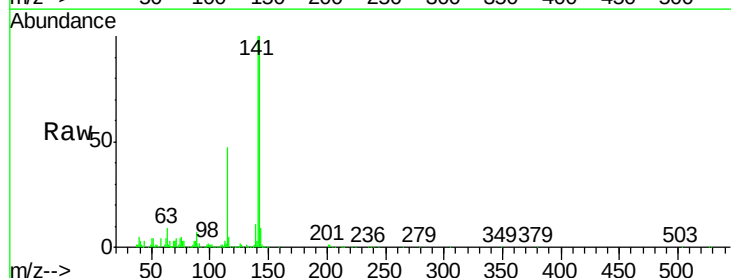
Instrument :
BNA_G
ClientSampleId :
LSS-MW-SB22(20)MS

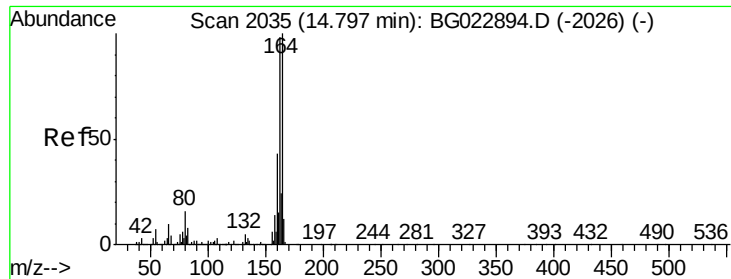
Tgt Ion:107 Resp: 131188
Ion Ratio Lower Upper
107 100
144 19.2 17.0 25.6
142 72.0 53.0 79.6



#37
2-Methylnaphthalene
Concen: 10.95 ng
RT: 12.85 min Scan# 1704
Delta R.T. 0.22 min
Lab File: BG023056.D
Acq: 13 Jul 2016 4:48

Tgt Ion:142 Resp: 203473
Ion Ratio Lower Upper
142 100
141 99.8 70.2 105.2
115 47.3 41.7 62.5





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2036

Delta R.T. 0.00 min

Lab File: BG023056.D

Acq: 13 Jul 2016 4:48

Instrument :

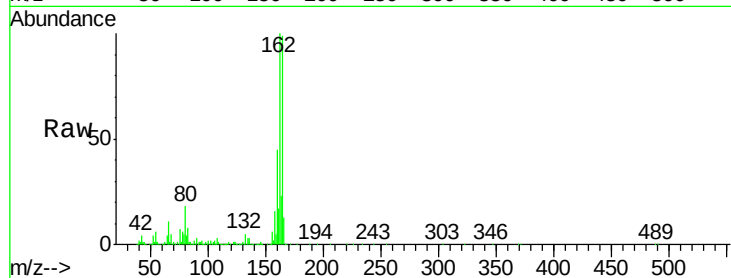
BNA_G

ClientSampleId :

LSS-MW-SB22(20)MS

Tgt Ion:164 Resp: 357187

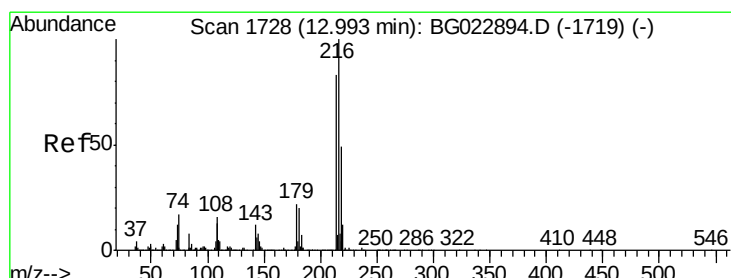
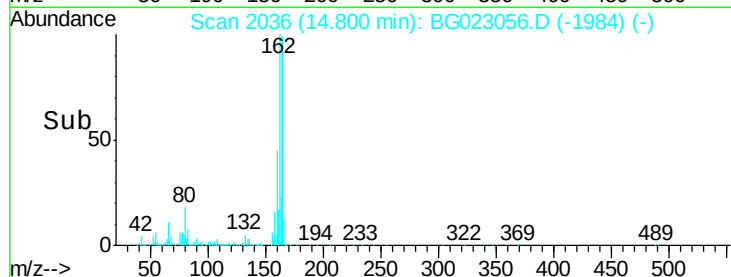
Ion	Ratio	Lower	Upper
164	100		
162	101.0	87.7	131.5
160	45.7	37.2	55.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 9.39 ng

RT: 13.00 min Scan# 1729

Delta R.T. 0.00 min

Lab File: BG023056.D

Acq: 13 Jul 2016 4:48

Tgt Ion:216 Resp: 144601

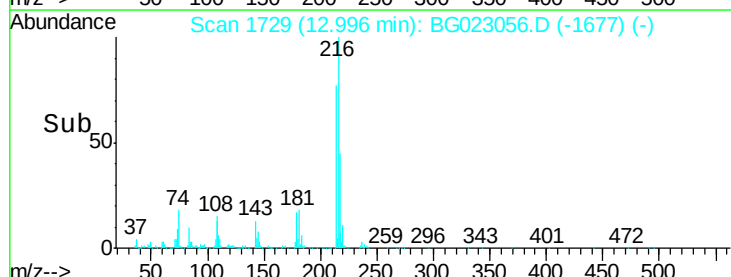
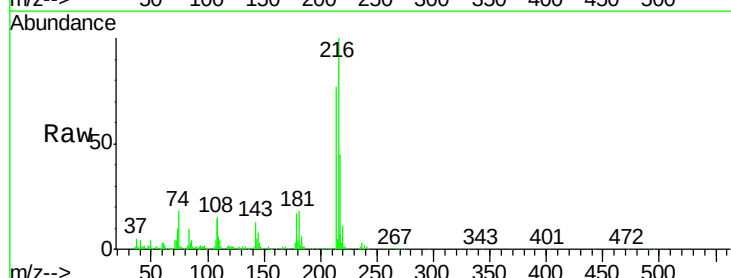
Ion	Ratio	Lower	Upper
216	100		
214	77.3	62.9	94.3
179	18.7	17.2	25.8
108	18.0	16.3	24.5

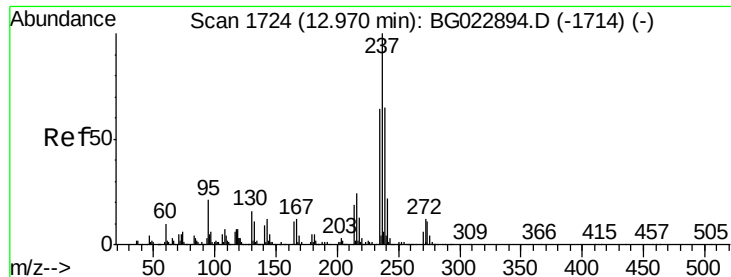
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#40

Hexachlorocyclopentadiene

Concen: 15.08 ng

RT: 12.97 min Scan# 1724

Delta R.T. -0.00 min

Lab File: BG023056.D

Acq: 13 Jul 2016 4:48

Instrument :

BNA_G

ClientSampleId :

LSS-MW-SB22(20)MS

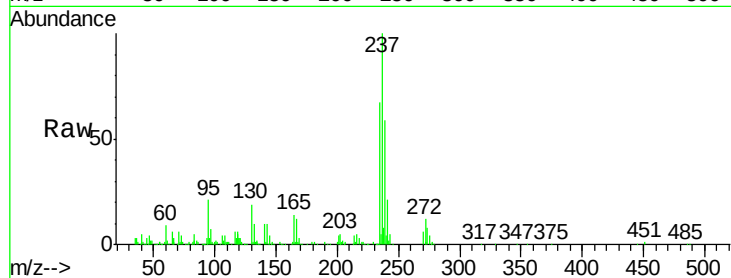
Tgt Ion:237 Resp: 133634

Ion Ratio Lower Upper

237 100

235 67.2 43.1 83.1

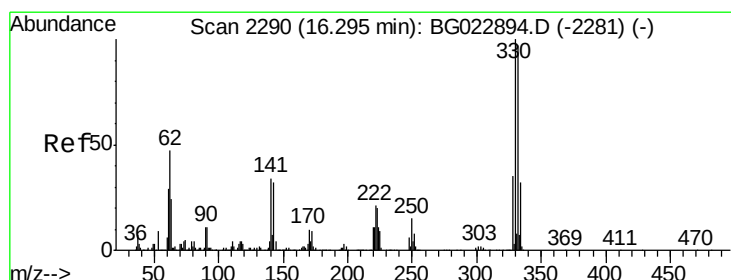
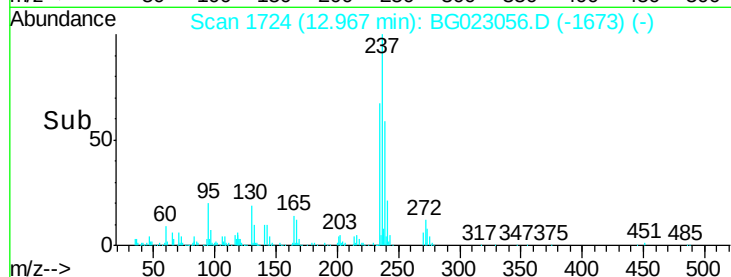
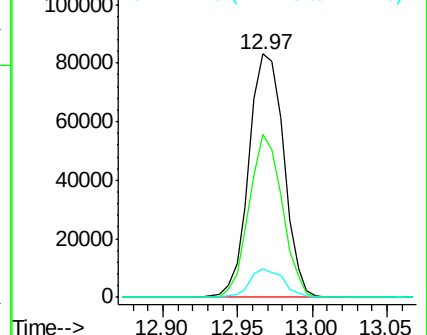
272 11.5 0.0 30.9



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#41

2,4,6-Tribromophenol

Concen: 116.99 ng

RT: 16.30 min Scan# 2291

Delta R.T. 0.00 min

Lab File: BG023056.D

Acq: 13 Jul 2016 4:48

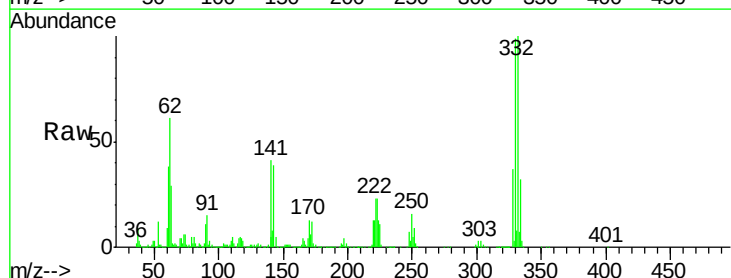
Tgt Ion:330 Resp: 750995

Ion Ratio Lower Upper

330 100

332 98.0 77.4 116.2

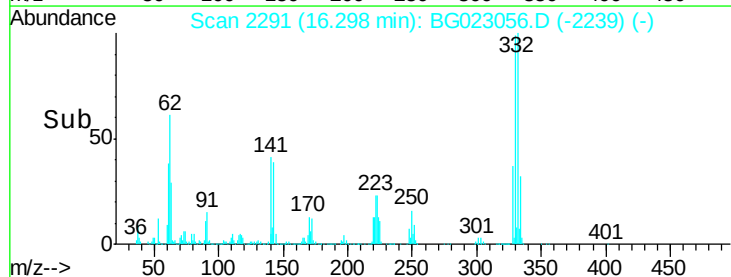
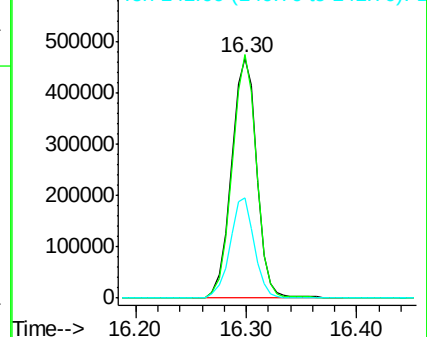
141 39.7 31.7 47.5

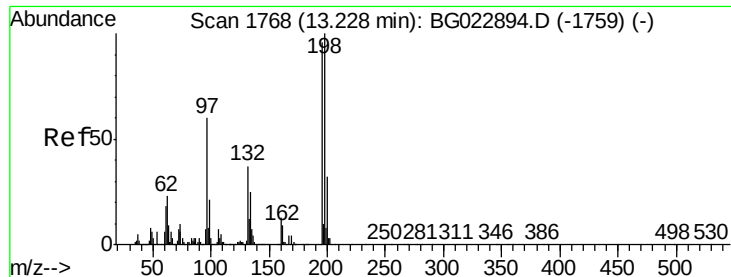


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

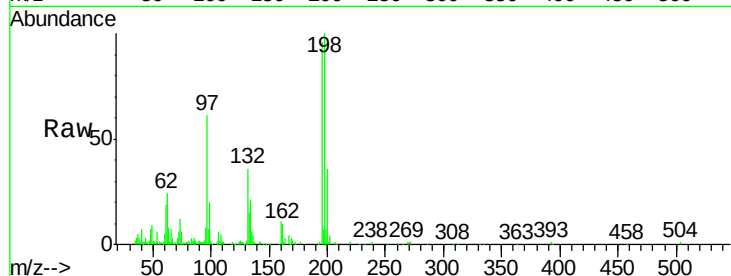




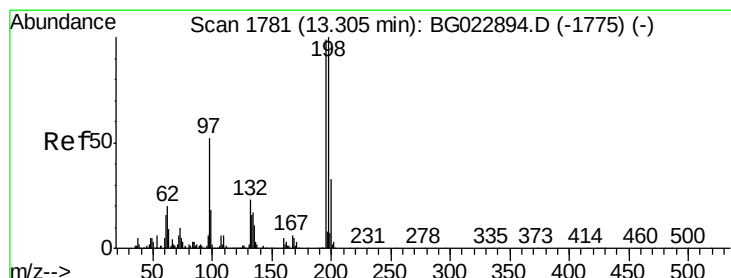
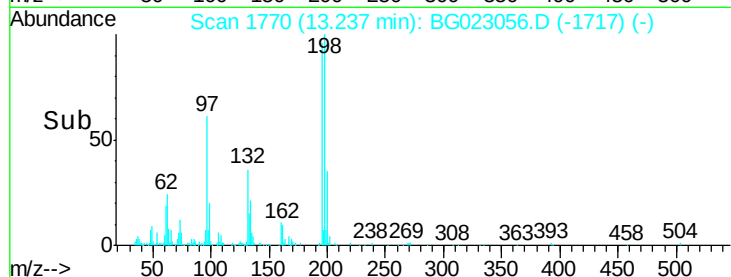
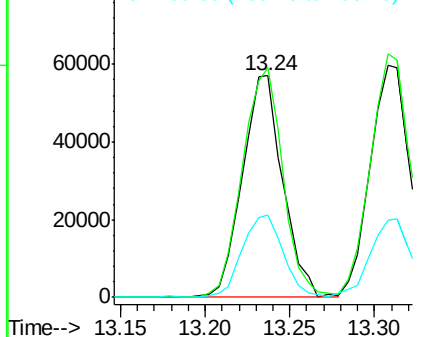
#42
2,4,6-Trichlorophenol
Concen: 10.73 ng
RT: 13.24 min Scan# 1770
Delta R.T. 0.01 min
Lab File: BG023056.D
Acq: 13 Jul 2016 4:48

Instrument :
BNA_G
ClientSampleId :
LSS-MW-SB22(20)MS

Tgt Ion:196 Resp: 94921
Ion Ratio Lower Upper
196 100
198 103.8 78.2 117.2
200 37.1 27.0 40.4

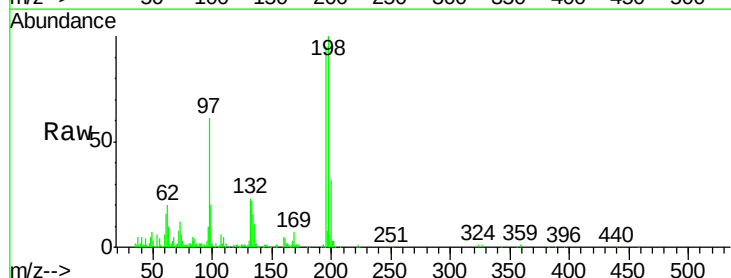


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E

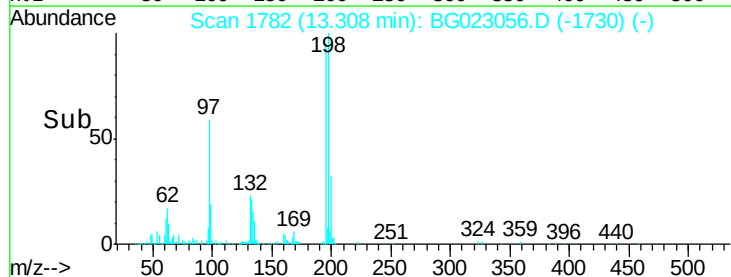
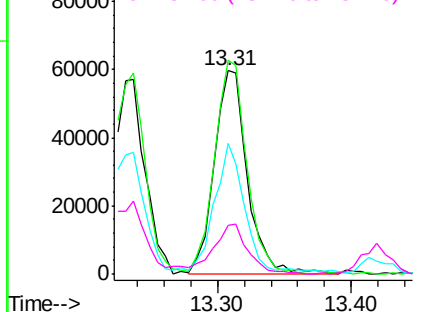


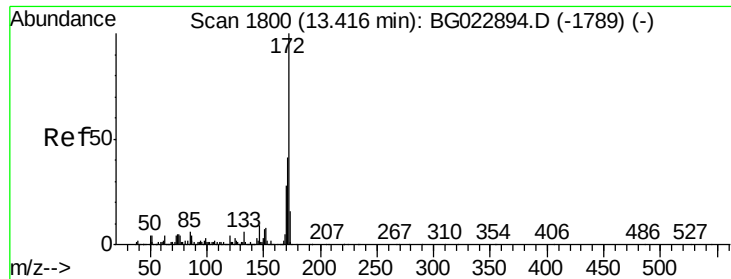
#43
2,4,5-Trichlorophenol
Concen: 11.29 ng
RT: 13.31 min Scan# 1782
Delta R.T. 0.00 min
Lab File: BG023056.D
Acq: 13 Jul 2016 4:48

Tgt Ion:196 Resp: 102613
Ion Ratio Lower Upper
196 100
198 105.1 85.7 128.5
97 64.2 45.5 68.3
132 24.2 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

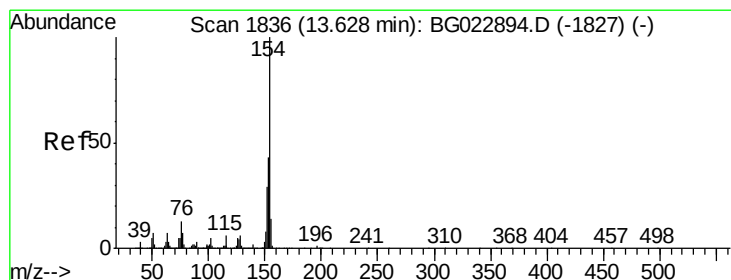
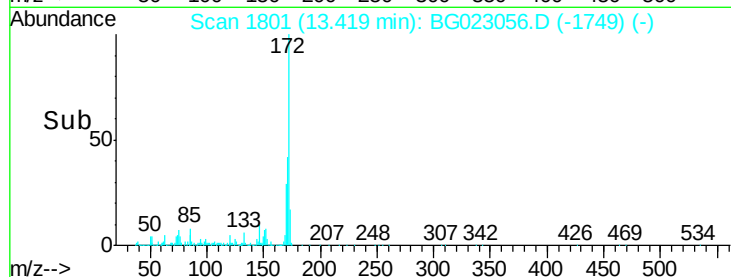
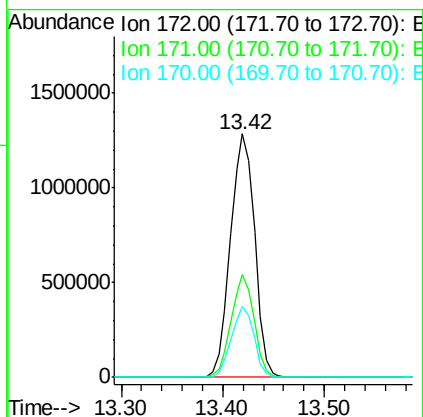
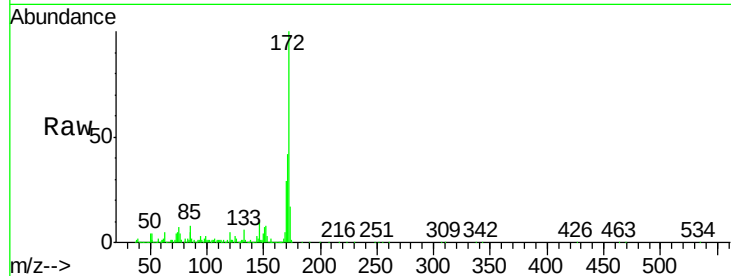




#44
2-Fluorobiphenyl
Concen: 93.63 ng
RT: 13.42 min Scan# 1801
Delta R.T. 0.00 min
Lab File: BG023056.D
Acq: 13 Jul 2016 4:48

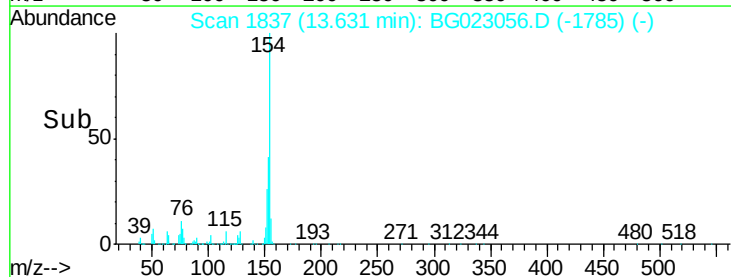
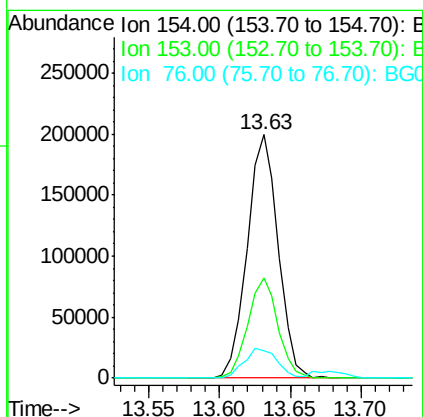
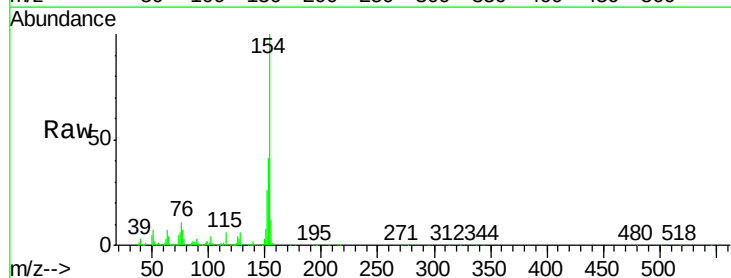
Instrument :
BNA_G
ClientSampleId :
LSS-MW-SB22(20)MS

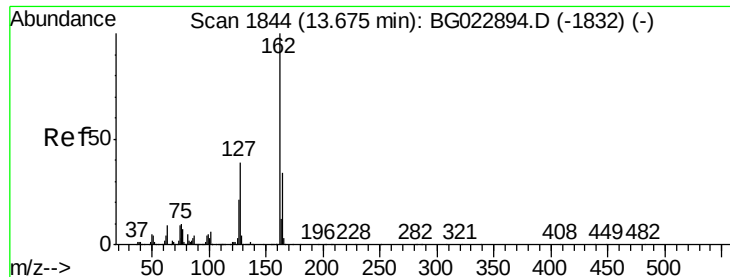
Tgt Ion:172 Resp: 2123285
Ion Ratio Lower Upper
172 100
171 42.2 31.6 47.4
170 29.3 21.3 31.9



#45
1,1'-Biphenyl
Concen: 11.42 ng
RT: 13.63 min Scan# 1837
Delta R.T. 0.00 min
Lab File: BG023056.D
Acq: 13 Jul 2016 4:48

Tgt Ion:154 Resp: 305926
Ion Ratio Lower Upper
154 100
153 40.9 20.2 60.2
76 11.3 0.0 32.9

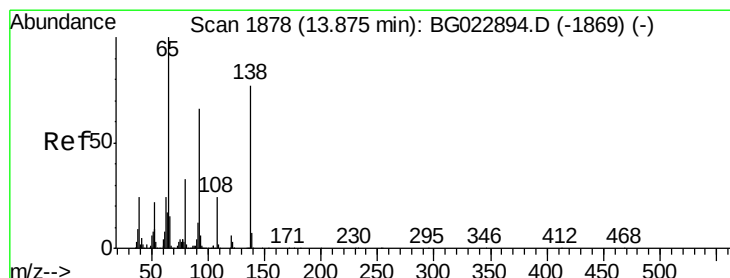
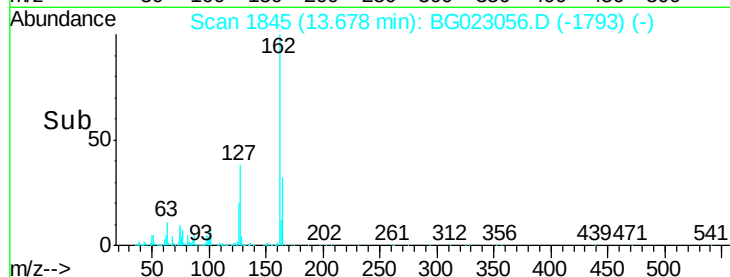
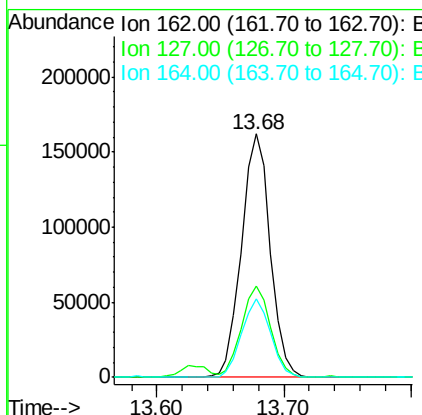
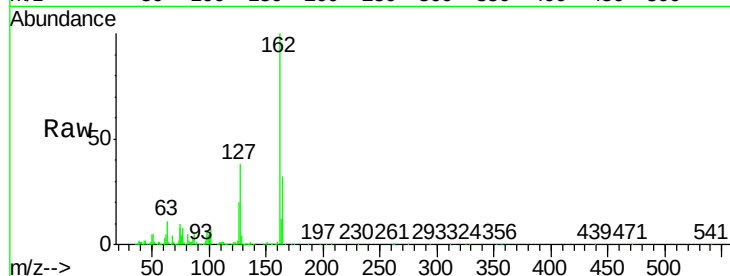




#46
2-Chloronaphthalene
Concen: 11.72 ng
RT: 13.68 min Scan# 1845
Delta R.T. 0.00 min
Lab File: BG023056.D
Acq: 13 Jul 2016 4:48

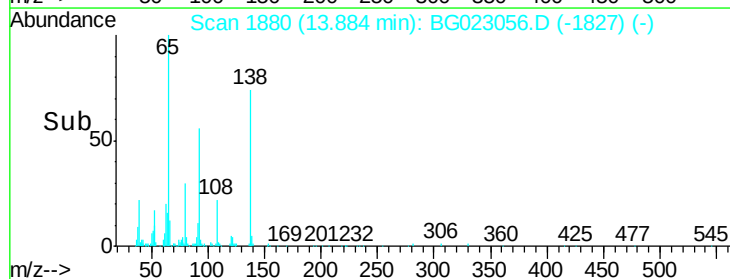
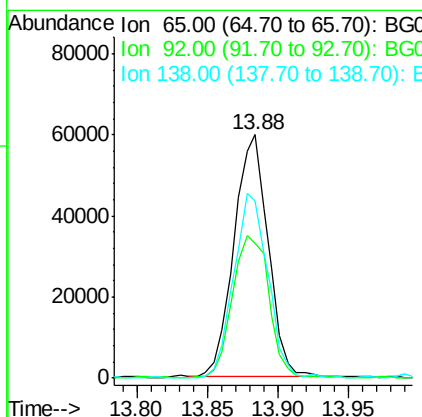
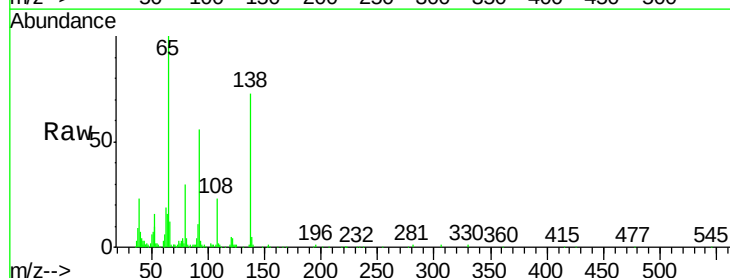
Instrument :
BNA_G
ClientSampleId :
LSS-MW-SB22(20)MS

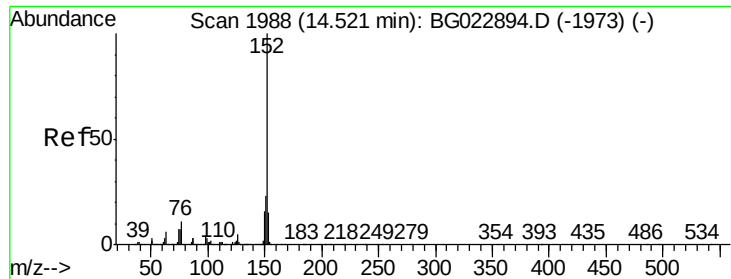
Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.5	32.4	48.6
164	32.1	25.2	37.8



#47
2-Nitroaniline
Concen: 10.86 ng
RT: 13.88 min Scan# 1880
Delta R.T. 0.01 min
Lab File: BG023056.D
Acq: 13 Jul 2016 4:48

Tgt Ion	Ratio	Lower	Upper
65	100		
92	55.6	49.4	74.0
138	72.7	58.0	87.0





#48

Acenaphthylene

Concen: 11.53 ng

RT: 14.52 min Scan# 1989

Delta R.T. 0.00 min

Lab File: BG023056.D

Acq: 13 Jul 2016 4:48

Instrument :

BNA_G

ClientSampleId :

LSS-MW-SB22(20)MS

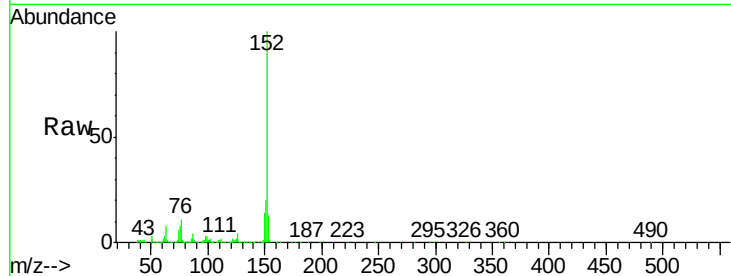
Tgt Ion:152 Resp: 375982

Ion Ratio Lower Upper

152 100

151 20.0 17.6 26.4

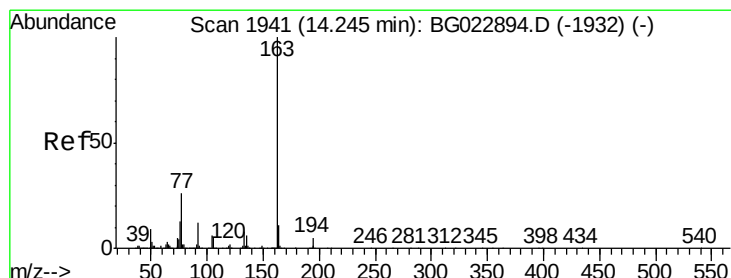
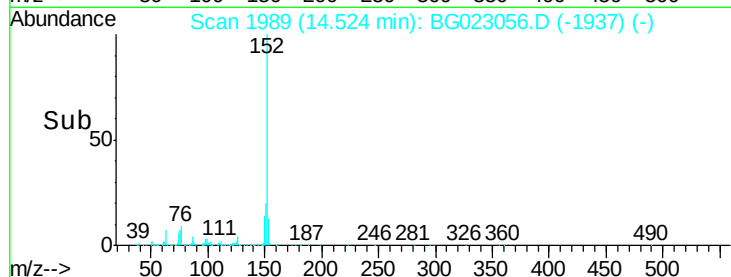
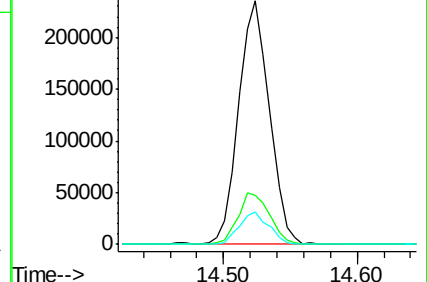
153 13.4 11.4 17.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 13.44 ng

RT: 14.24 min Scan# 1941

Delta R.T. -0.00 min

Lab File: BG023056.D

Acq: 13 Jul 2016 4:48

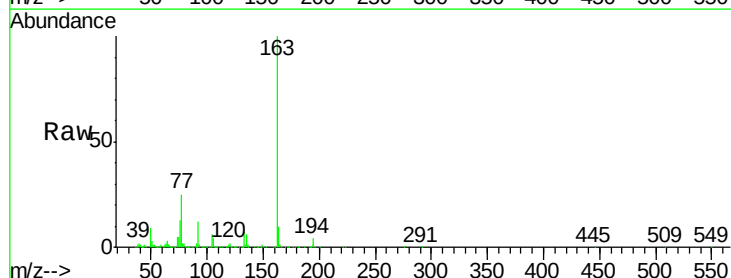
Tgt Ion:163 Resp: 392260

Ion Ratio Lower Upper

163 100

194 3.8 3.6 5.4

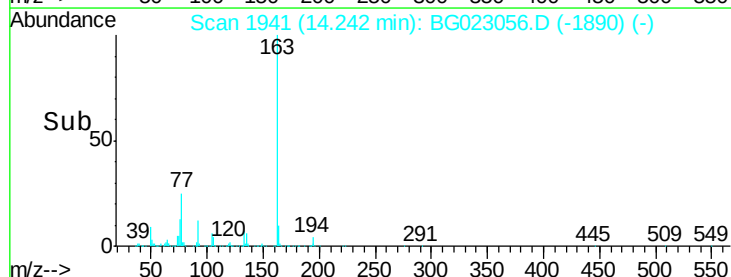
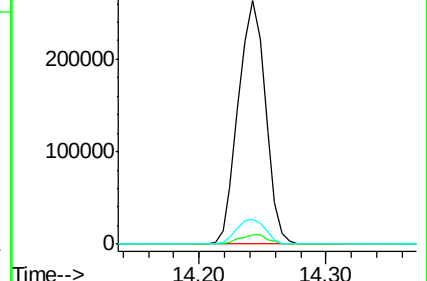
164 10.3 8.1 12.1

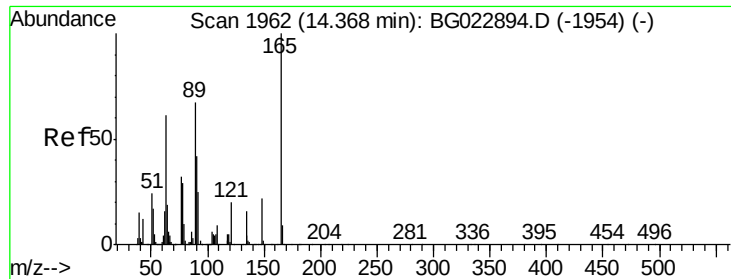


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

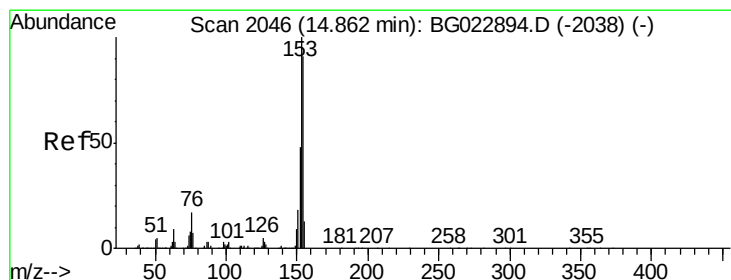
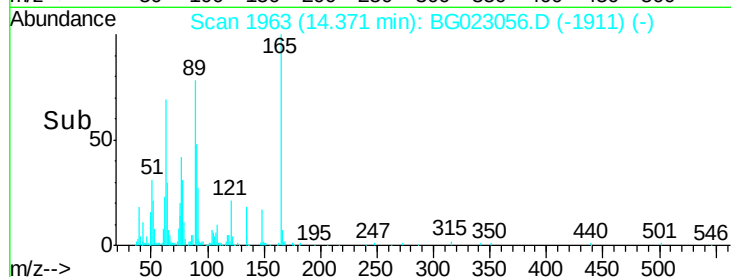
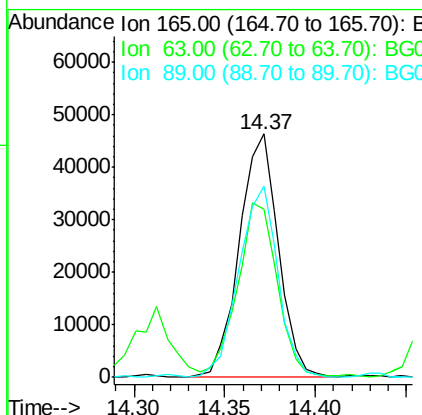
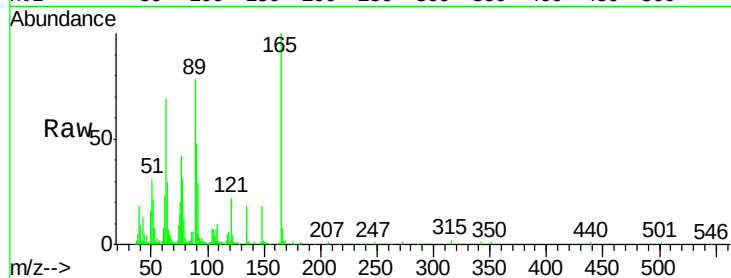




#50
2,6-Dinitrotoluene
Concen: 10.59 ng
RT: 14.37 min Scan# 1963
Delta R.T. 0.00 min
Lab File: BG023056.D
Acq: 13 Jul 2016 4:48

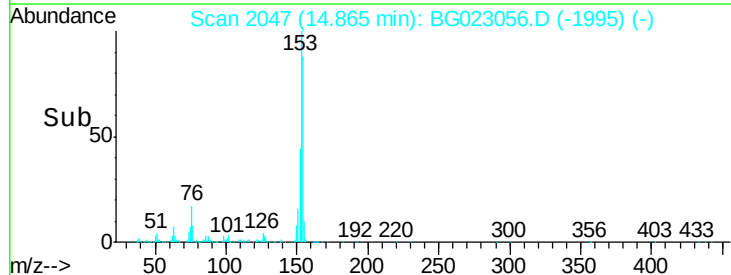
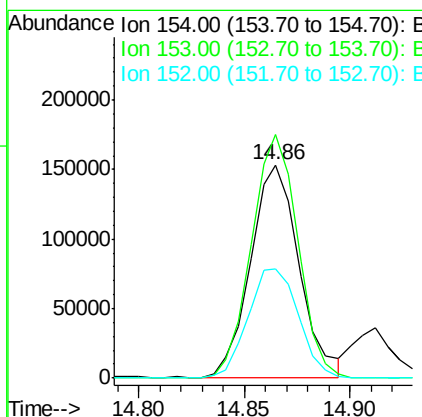
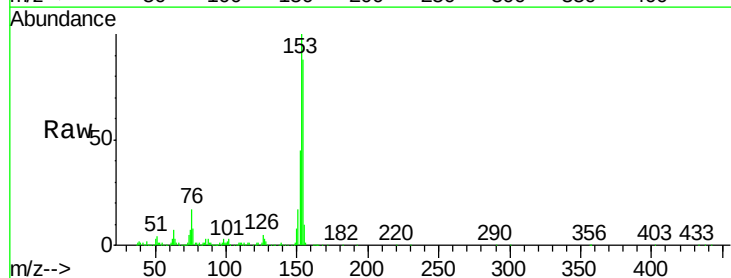
Instrument :
BNA_G
ClientSampleId :
LSS-MW-SB22(20)MS

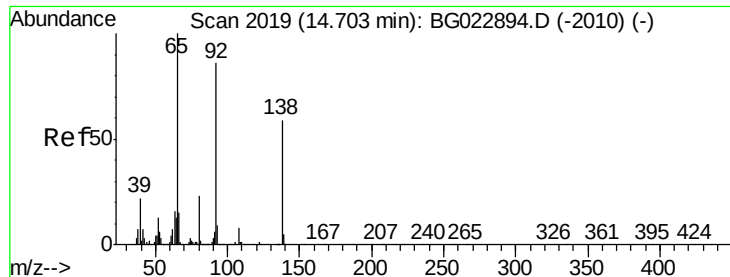
Tgt Ion:165 Resp: 69443
Ion Ratio Lower Upper
165 100
63 69.1 64.3 96.5
89 78.3 64.3 96.5



#51
Acenaphthene
Concen: 11.55 ng
RT: 14.86 min Scan# 2047
Delta R.T. 0.00 min
Lab File: BG023056.D
Acq: 13 Jul 2016 4:48

Tgt Ion:154 Resp: 246212
Ion Ratio Lower Upper
154 100
153 114.1 87.5 131.3
152 51.1 42.7 64.1





#52

3-Nitroaniline

Concen: 6.69 ng

RT: 14.70 min Scan# 2019

Delta R.T. -0.00 min

Lab File: BG023056.D

Acq: 13 Jul 2016 4:48

Instrument :

BNA_G

ClientSampleId :

LSS-MW-SB22(20)MS

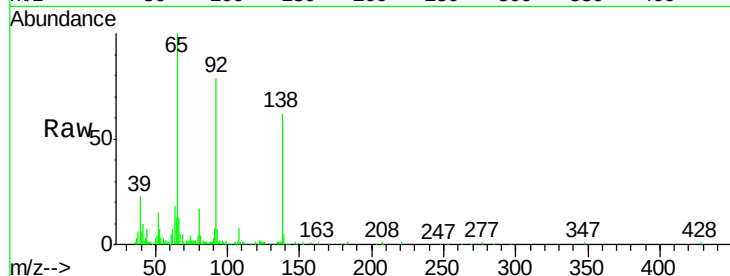
Tgt Ion:138 Resp: 43747

Ion Ratio Lower Upper

138 100

108 12.3 11.7 17.5

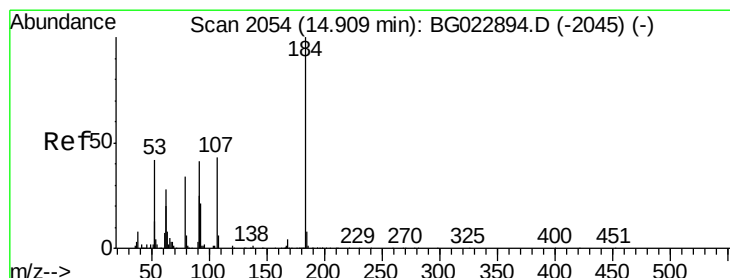
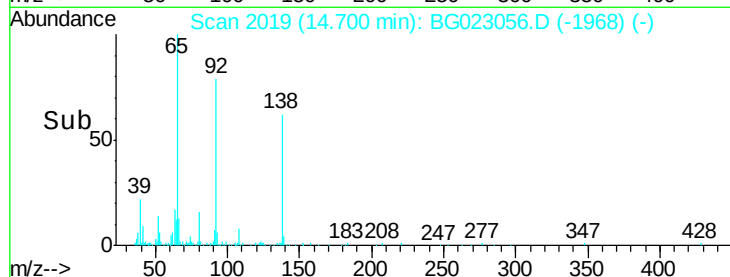
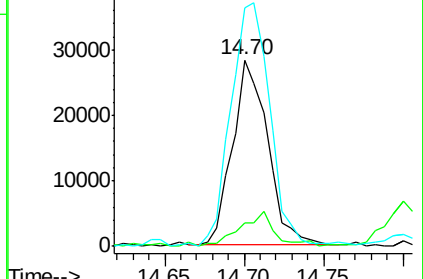
92 128.4 129.7 194.5#



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): BGC



#53

2,4-Dinitrophenol

Concen: 15.38 ng

RT: 14.91 min Scan# 2054

Delta R.T. -0.00 min

Lab File: BG023056.D

Acq: 13 Jul 2016 4:48

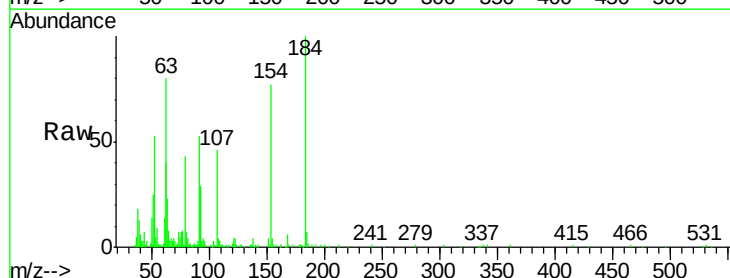
Tgt Ion:184 Resp: 69189

Ion Ratio Lower Upper

184 100

63 80.4 59.6 89.4

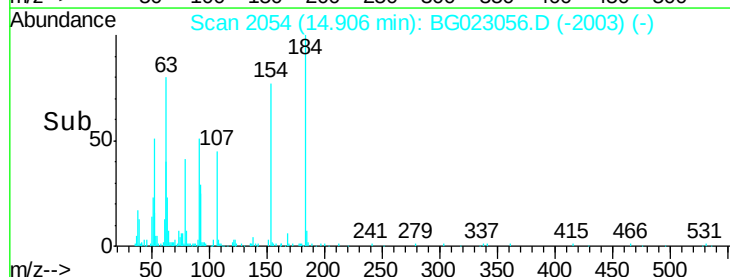
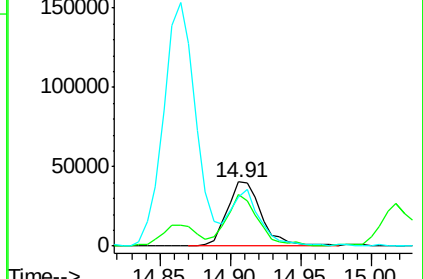
154 76.9 67.4 101.0

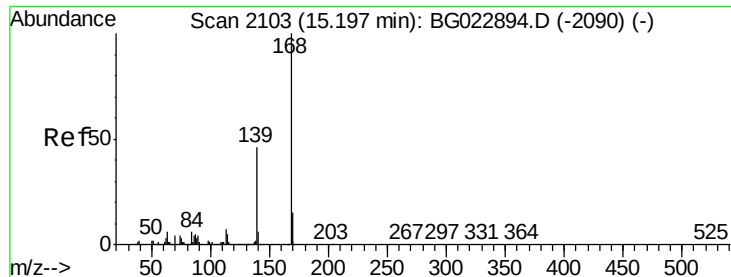


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 12.83 ng

RT: 15.20 min Scan# 2104

Delta R.T. 0.00 min

Lab File: BG023056.D

Acq: 13 Jul 2016 4:48

Instrument :

BNA_G

ClientSampleId :

LSS-MW-SB22(20)MS

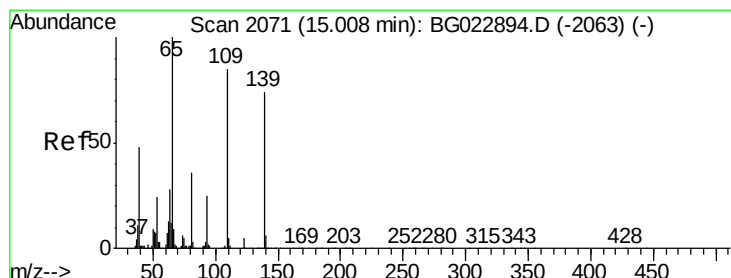
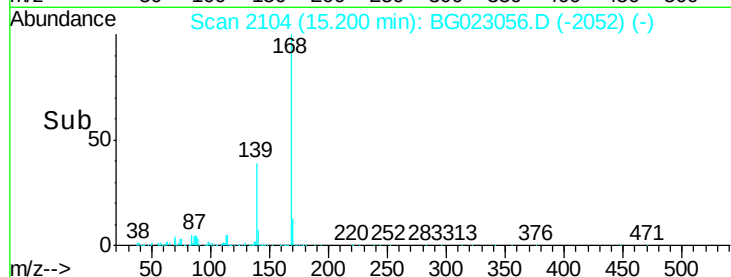
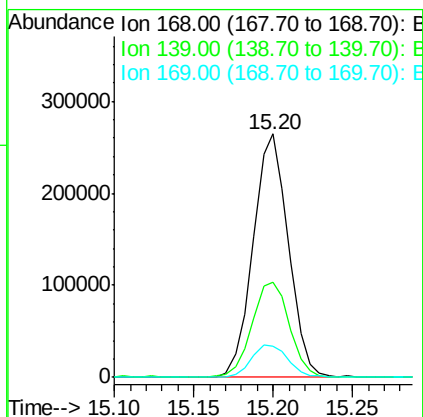
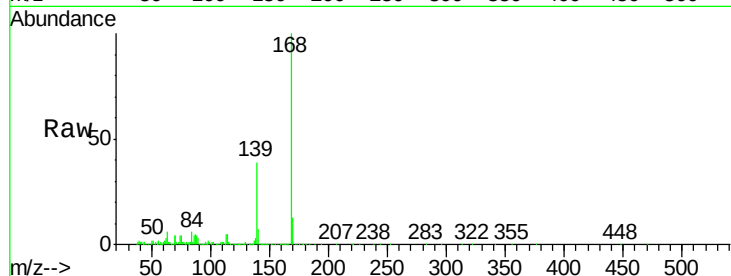
Tgt Ion:168 Resp: 409182

Ion Ratio Lower Upper

168 100

139 39.1 36.4 54.6

169 13.0 11.9 17.9



#55

4-Nitrophenol

Concen: 20.42 ng

RT: 15.02 min Scan# 2074

Delta R.T. 0.01 min

Lab File: BG023056.D

Acq: 13 Jul 2016 4:48

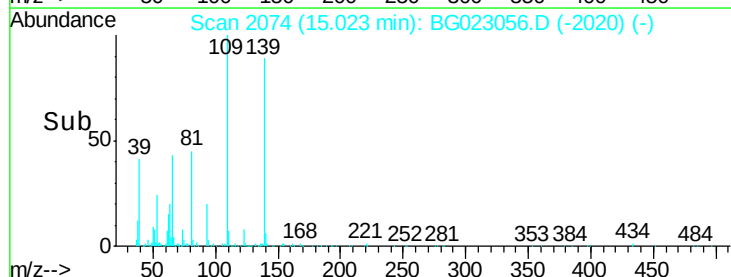
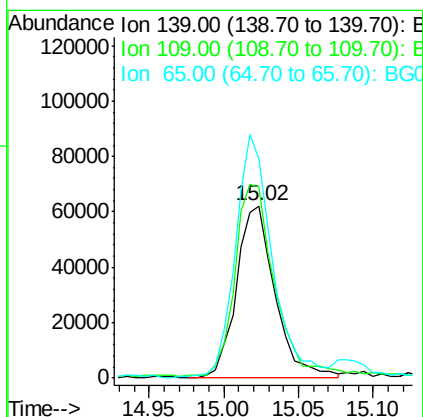
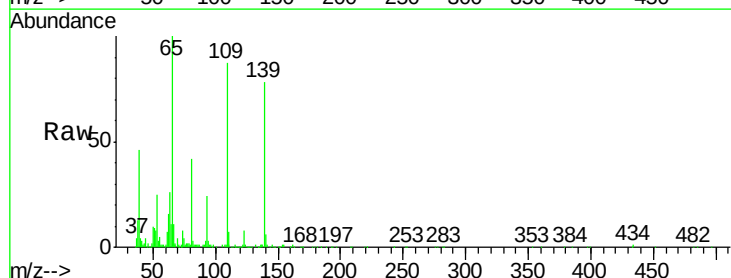
Tgt Ion:139 Resp: 111907

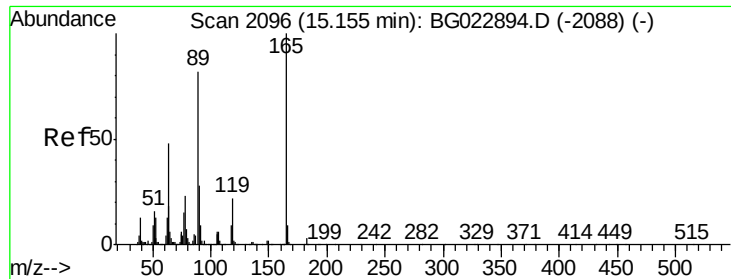
Ion Ratio Lower Upper

139 100

109 111.0 103.0 143.0

65 127.5 112.7 152.7

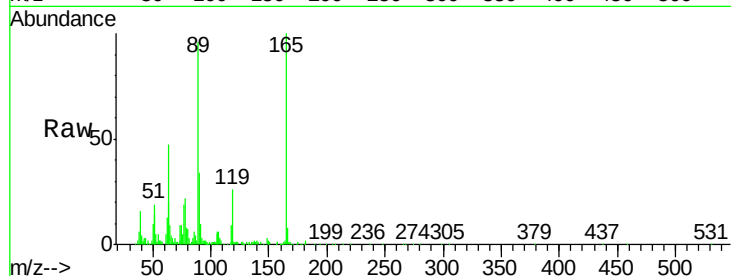




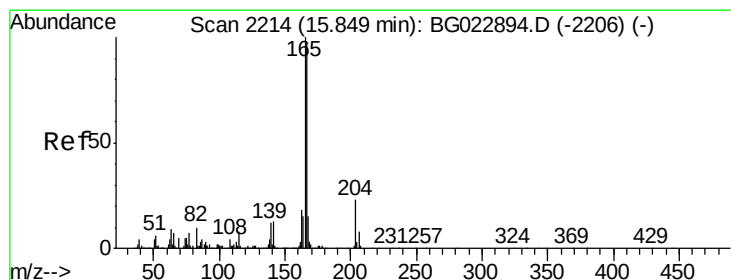
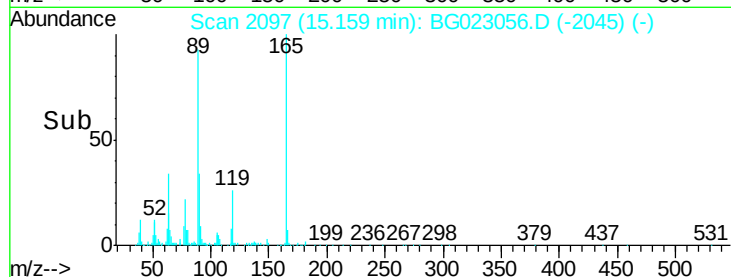
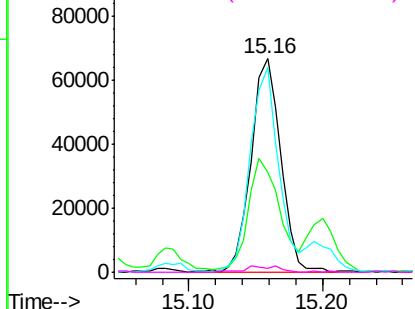
#56
2,4-Dinitrotoluene
Concen: 10.59 ng
RT: 15.16 min Scan# 2097
Delta R.T. 0.00 min
Lab File: BG023056.D
Acq: 13 Jul 2016 4:48

Instrument :
BNA_G
ClientSampleId :
LSS-MW-SB22(20)MS

Tgt Ion:165 Resp: 101264
Ion Ratio Lower Upper
165 100
63 46.7 45.8 68.6
89 95.6 68.6 102.8
182 2.1 2.0 3.0

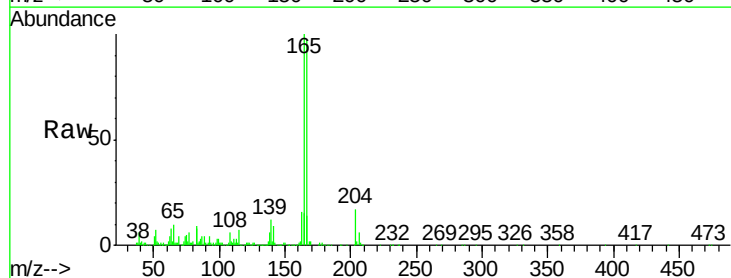


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

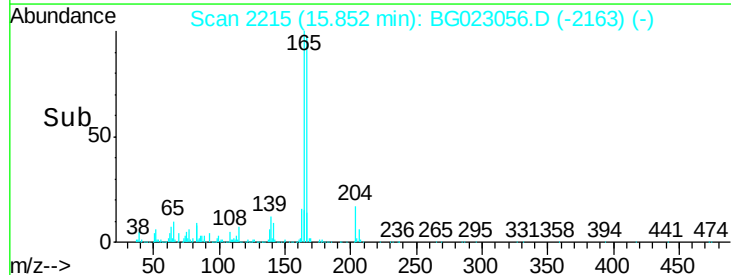
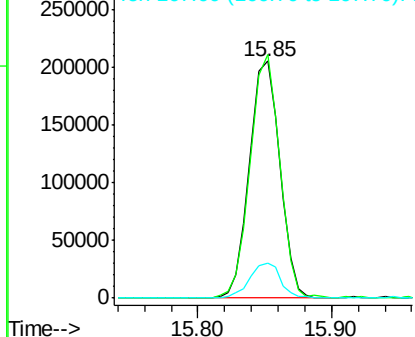


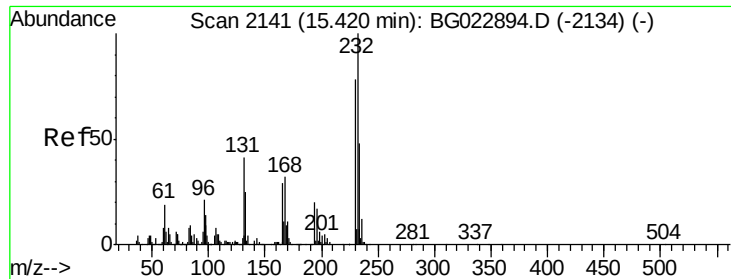
#57
Fluorene
Concen: 11.75 ng
RT: 15.85 min Scan# 2215
Delta R.T. 0.00 min
Lab File: BG023056.D
Acq: 13 Jul 2016 4:48

Tgt Ion:166 Resp: 322579
Ion Ratio Lower Upper
166 100
165 102.7 81.0 121.6
167 14.7 12.0 18.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

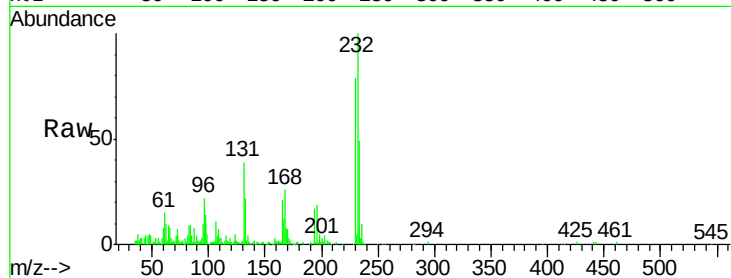




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 11.68 ng
 RT: 15.34 min Scan# 2128
 Delta R.T. -0.08 min
 Lab File: BG023056.D
 Acq: 13 Jul 2016 4:48

Instrument :
 BNA_G
 ClientSampleId :
 LSS-MW-SB22(20)MS

Tgt Ion:	232	Resp:	106131
Ion	Ratio	Lower	Upper
232	100		
131	37.1	32.7	49.1
130	3.3	2.6	3.8
166	23.8	23.0	34.6

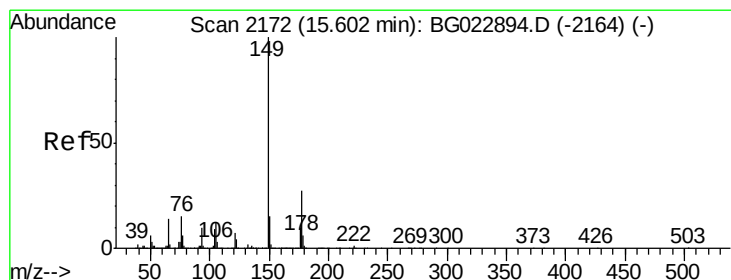
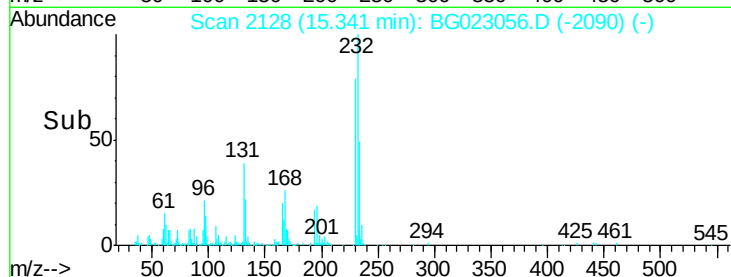
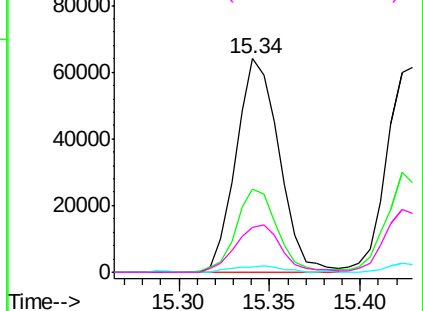


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

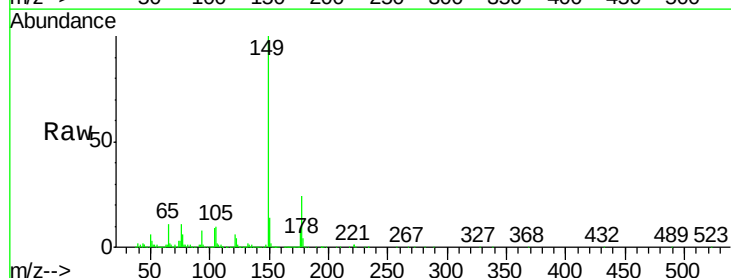
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#59
 Diethylphthalate
 Concen: 11.48 ng
 RT: 15.61 min Scan# 2173
 Delta R.T. 0.00 min
 Lab File: BG023056.D
 Acq: 13 Jul 2016 4:48

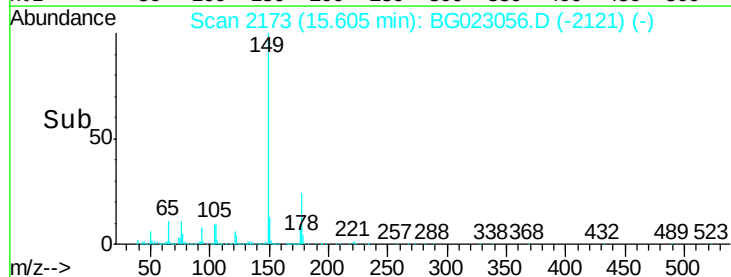
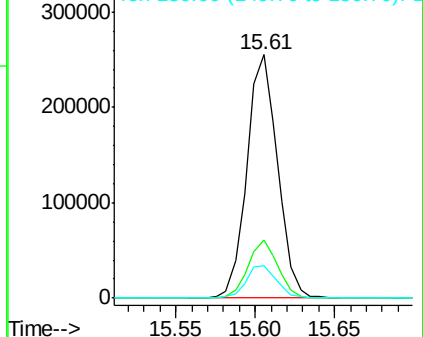
Tgt Ion:	149	Resp:	340886
Ion	Ratio	Lower	Upper
149	100		
177	23.7	19.2	28.8
150	13.5	10.6	16.0

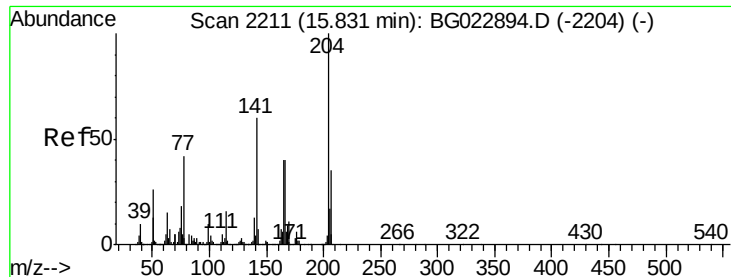


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

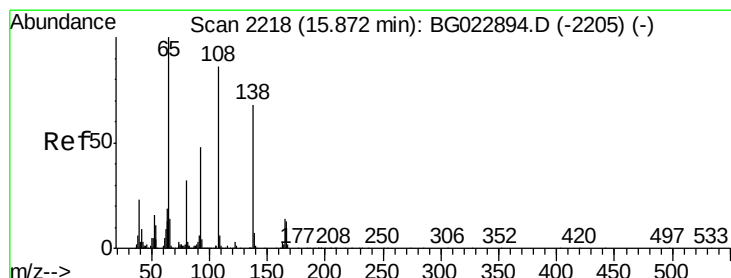
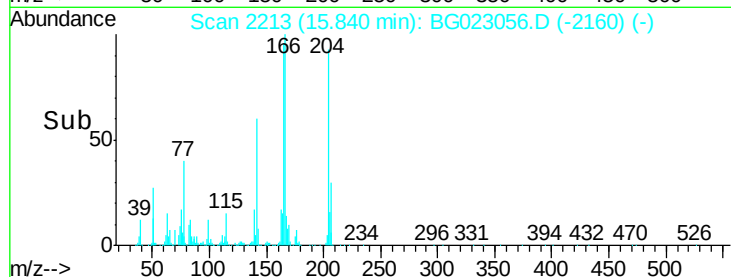
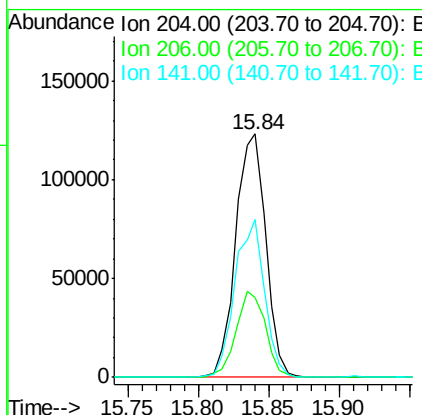
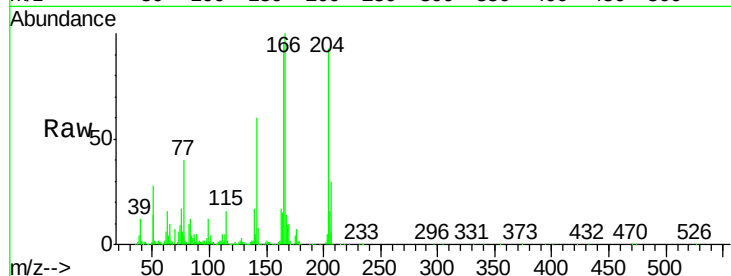




#60
 4-Chlorophenyl-phenylether
 Concen: 10.94 ng
 RT: 15.84 min Scan# 2213
 Delta R.T. 0.01 min
 Lab File: BG023056.D
 Acq: 13 Jul 2016 4:48

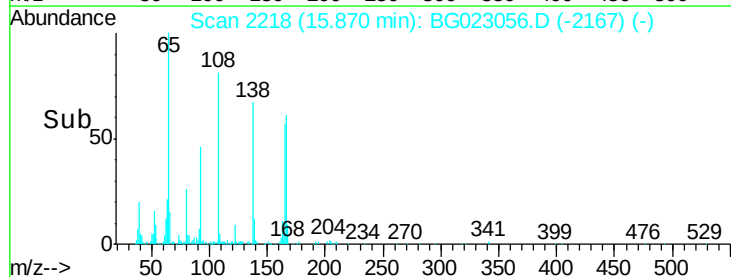
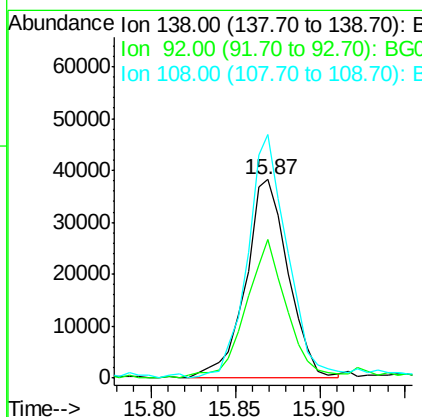
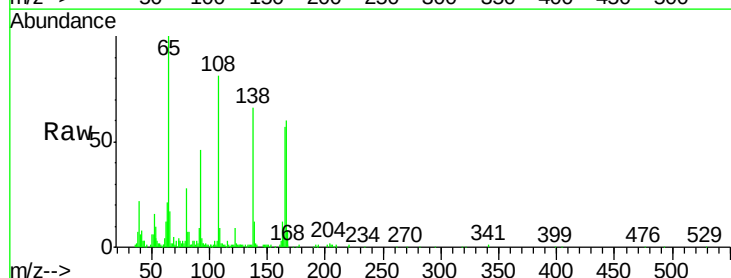
Instrument :
 BNA_G
 ClientSampleId :
 LSS-MW-SB22(20)MS

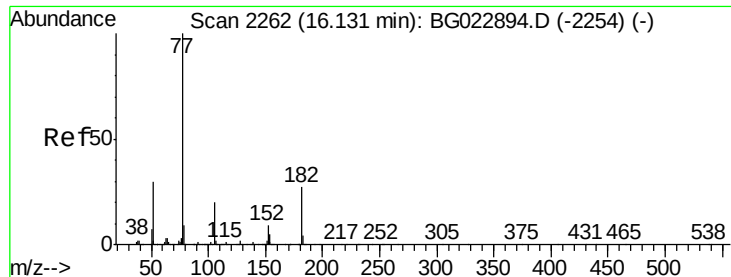
Tgt Ion: 204 Resp: 183001
 Ion Ratio Lower Upper
 204 100
 206 32.7 28.5 42.7
 141 64.8 51.4 77.0



#61
 4-Nitroaniline
 Concen: 9.49 ng
 RT: 15.87 min Scan# 2218
 Delta R.T. -0.00 min
 Lab File: BG023056.D
 Acq: 13 Jul 2016 4:48

Tgt Ion: 138 Resp: 67140
 Ion Ratio Lower Upper
 138 100
 92 70.0 54.1 94.1
 108 122.5 133.9 173.9#

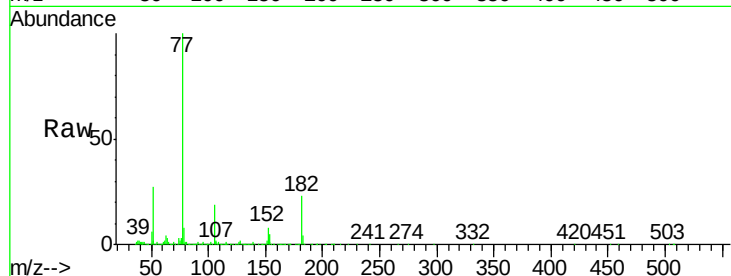




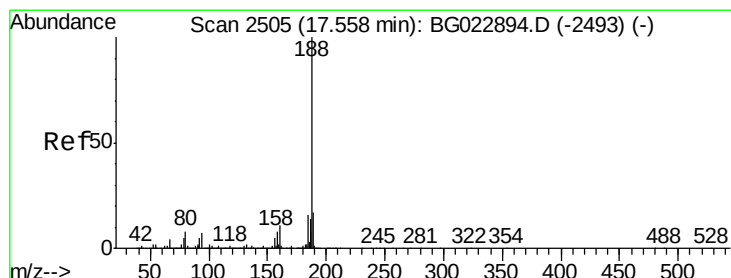
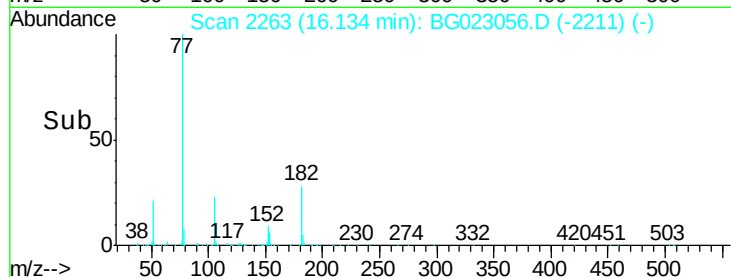
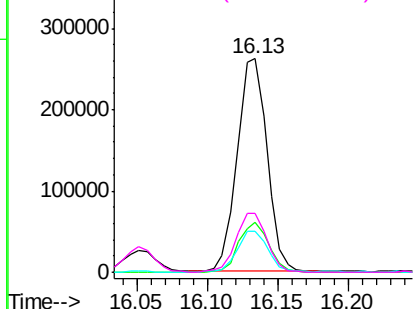
#62
Azobenzene
Concen: 13.60 ng
RT: 16.13 min Scan# 2263
Delta R.T. 0.00 min
Lab File: BG023056.D
Acq: 13 Jul 2016 4:48

Instrument :
BNA_G
ClientSampleId :
LSS-MW-SB22(20)MS

Tgt Ion:	77	Resp:	386079
Ion	Ratio	Lower	Upper
77	100		
182	23.2	3.5	43.5
105	19.1	0.0	38.5
51	27.3	17.1	57.1

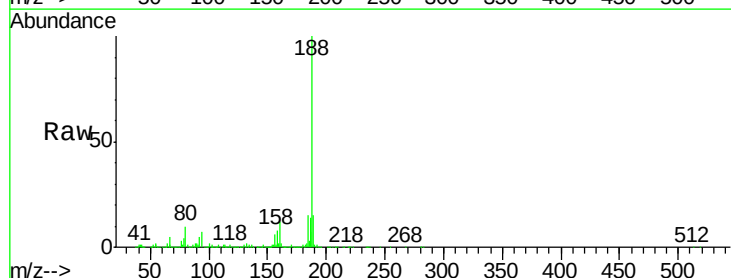


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

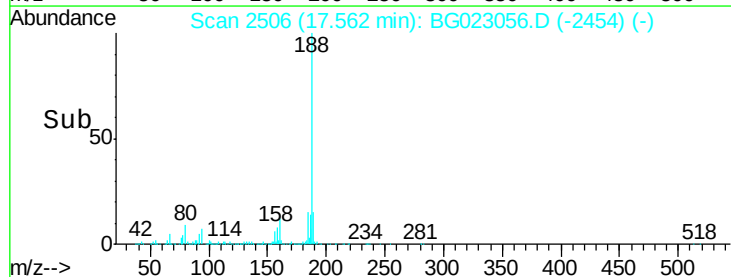
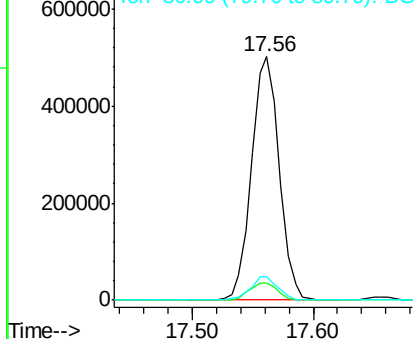


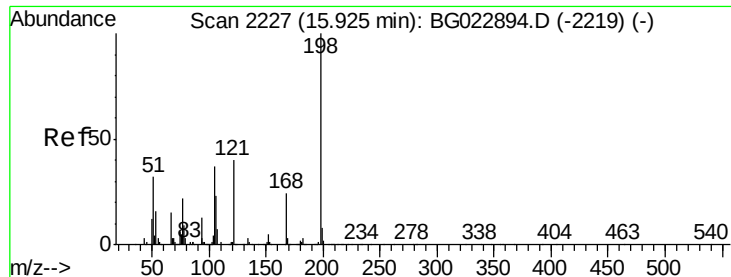
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2506
Delta R.T. 0.00 min
Lab File: BG023056.D
Acq: 13 Jul 2016 4:48

Tgt Ion:	188	Resp:	799249
Ion	Ratio	Lower	Upper
188	100		
94	6.9	5.2	7.8
80	9.6	7.2	10.8



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

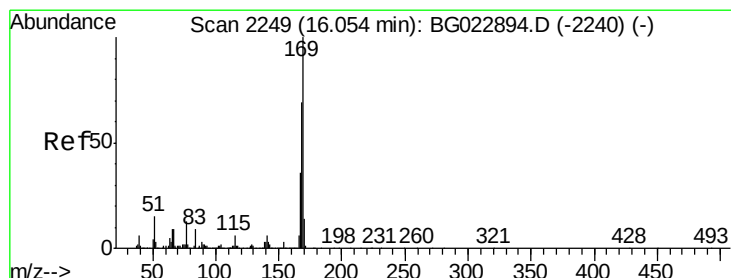
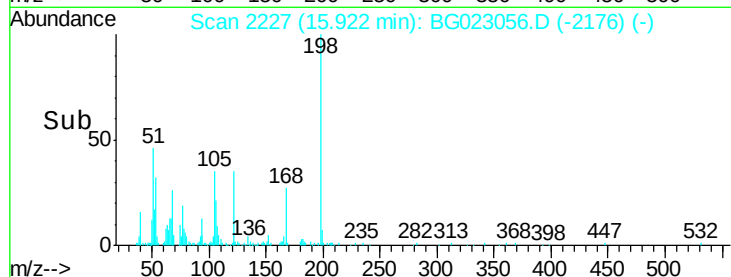
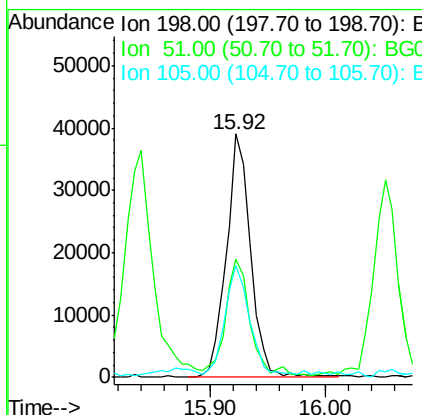
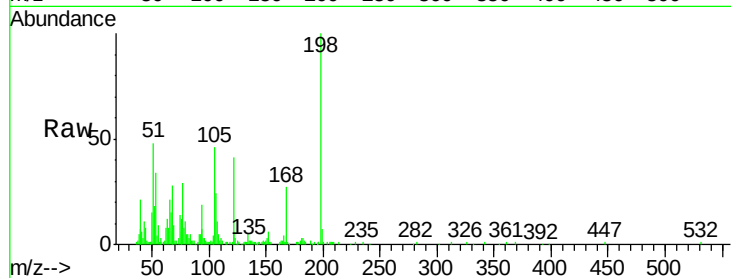




#64
4,6-Dinitro-2-methylphenol
Concen: 9.57 ng
RT: 15.92 min Scan# 2227
Delta R.T. -0.00 min
Lab File: BG023056.D
Acq: 13 Jul 2016 4:48

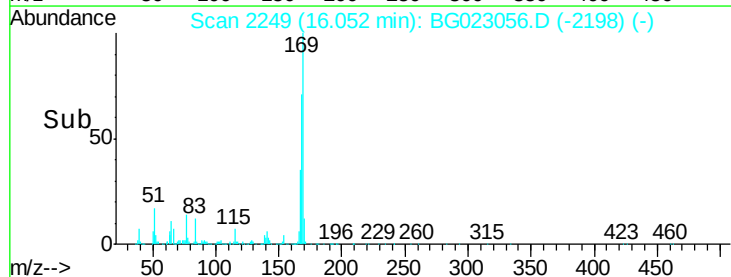
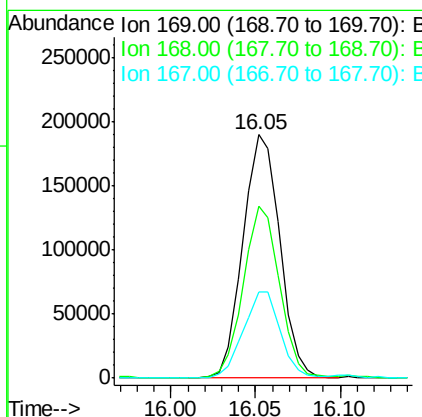
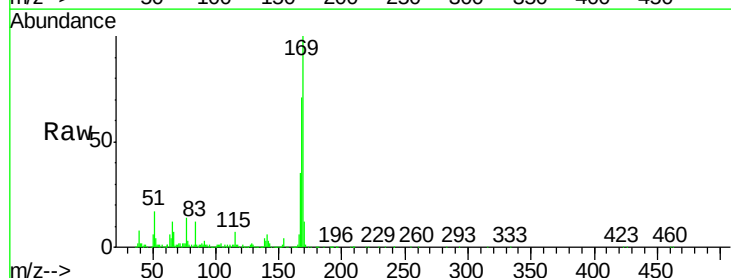
Instrument :
BNA_G
ClientSampleId :
LSS-MW-SB22(20)MS

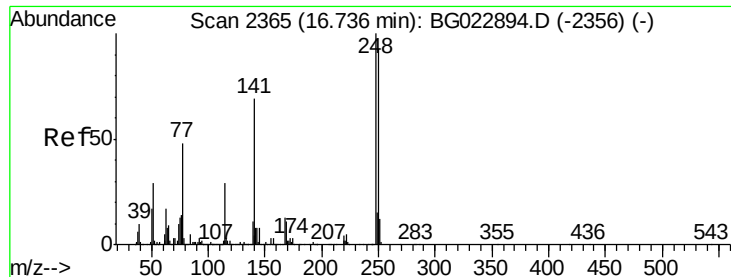
Tgt Ion:198 Resp: 56820
Ion Ratio Lower Upper
198 100
51 48.5 26.0 66.0
105 45.7 20.1 60.1



#65
n-Nitrosodiphenylamine
Concen: 12.54 ng
RT: 16.05 min Scan# 2249
Delta R.T. -0.00 min
Lab File: BG023056.D
Acq: 13 Jul 2016 4:48

Tgt Ion:169 Resp: 288804
Ion Ratio Lower Upper
169 100
168 70.9 55.0 82.4
167 35.2 27.4 41.0

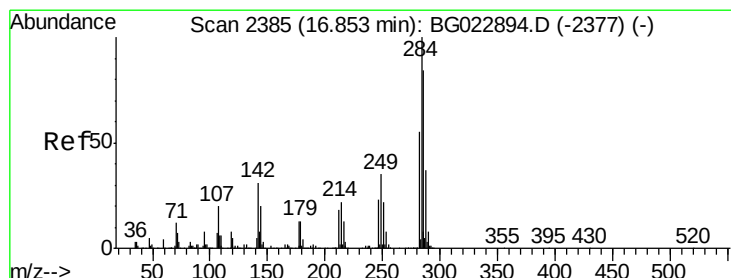
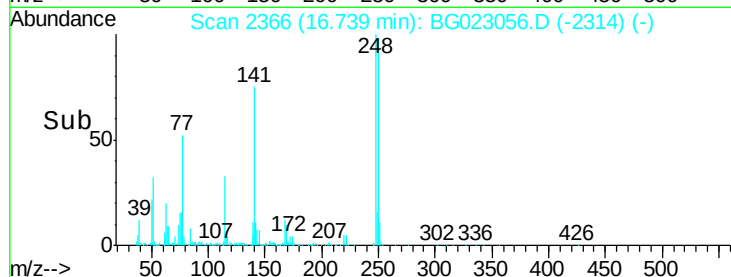
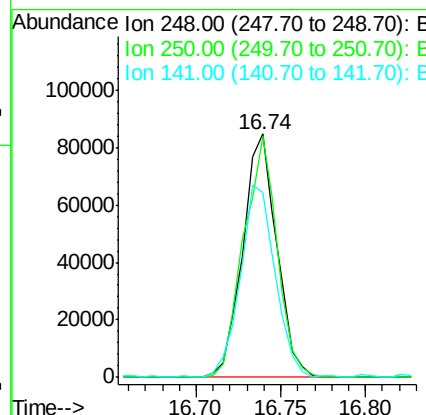
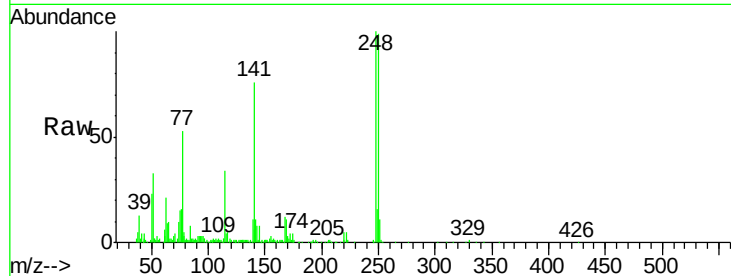




#66
4-Bromophenyl-phenylether
Concen: 11.37 ng
RT: 16.74 min Scan# 2366
Delta R.T. 0.00 min
Lab File: BG023056.D
Acq: 13 Jul 2016 4:48

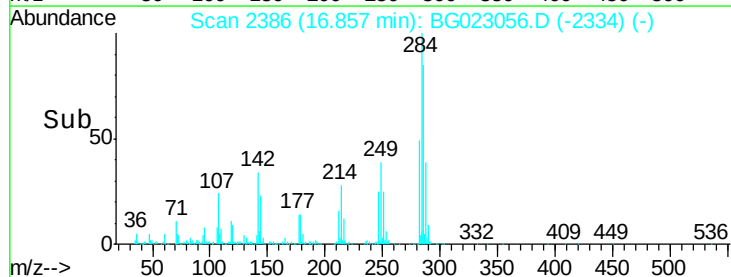
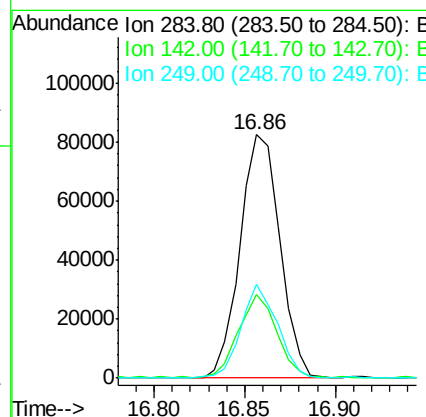
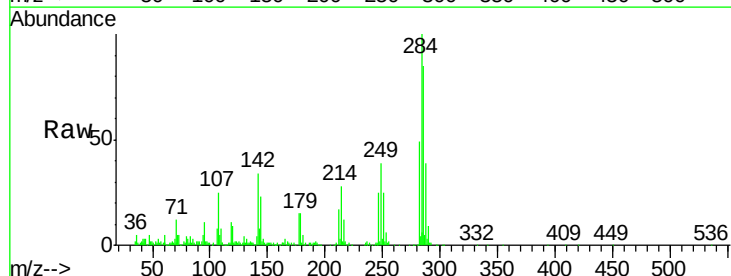
Instrument :
BNA_G
ClientSampleId :
LSS-MW-SB22(20)MS

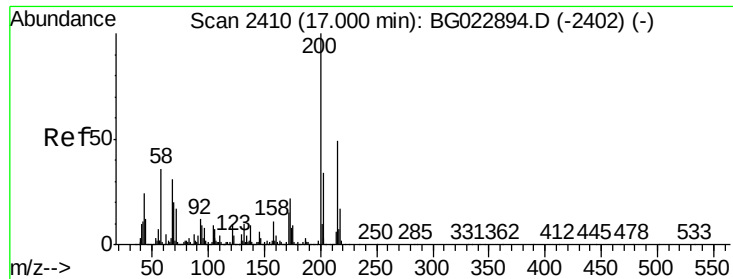
Tgt Ion:248 Resp: 118263
Ion Ratio Lower Upper
248 100
250 99.0 77.8 116.8
141 75.9 65.7 98.5



#67
Hexachlorobenzene
Concen: 11.18 ng
RT: 16.86 min Scan# 2386
Delta R.T. 0.00 min
Lab File: BG023056.D
Acq: 13 Jul 2016 4:48

Tgt Ion:284 Resp: 126445
Ion Ratio Lower Upper
284 100
142 34.5 26.8 40.2
249 41.1 28.9 43.3





#68

Atrazine

Concen: 11.18 ng

RT: 17.00 min Scan# 2411

Delta R.T. 0.00 min

Lab File: BG023056.D

Acq: 13 Jul 2016 4:48

Instrument :

BNA_G

ClientSampleId :

LSS-MW-SB22(20)MS

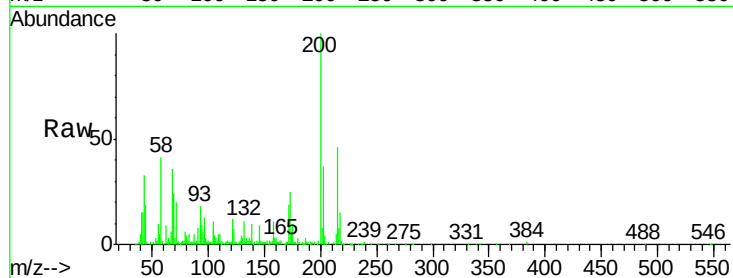
Tgt Ion:200 Resp: 114205

Ion Ratio Lower Upper

200 100

173 24.5 1.6 41.6

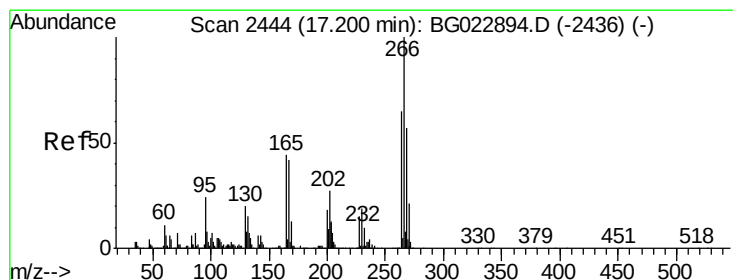
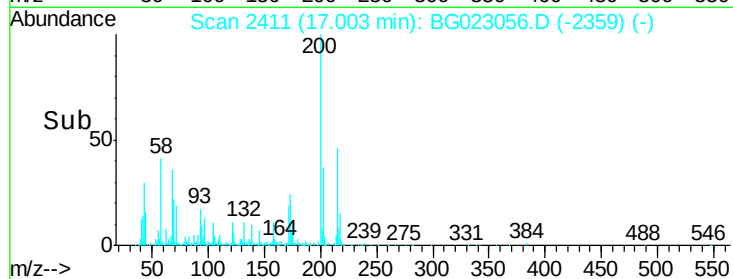
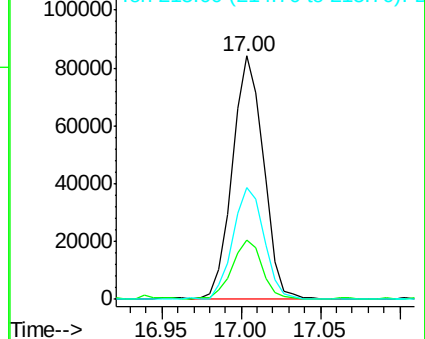
215 46.0 28.7 68.7



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: 21.42 ng

RT: 17.21 min Scan# 2446

Delta R.T. 0.01 min

Lab File: BG023056.D

Acq: 13 Jul 2016 4:48

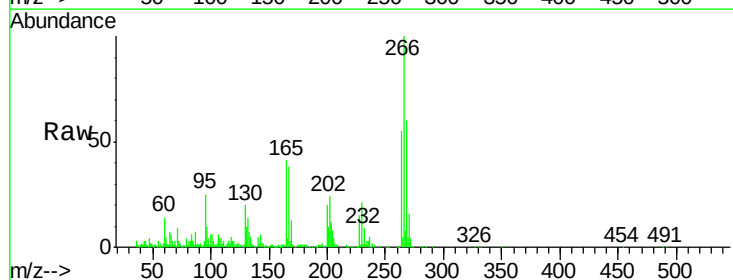
Tgt Ion:266 Resp: 156868

Ion Ratio Lower Upper

266 100

268 60.0 51.9 77.9

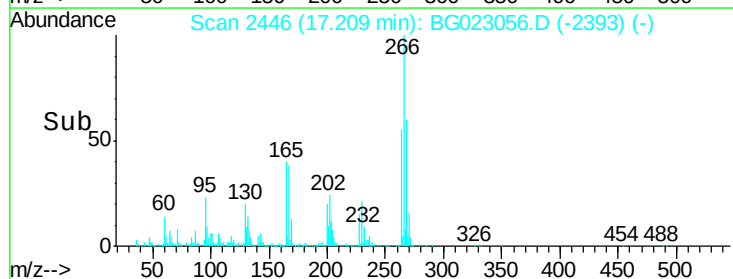
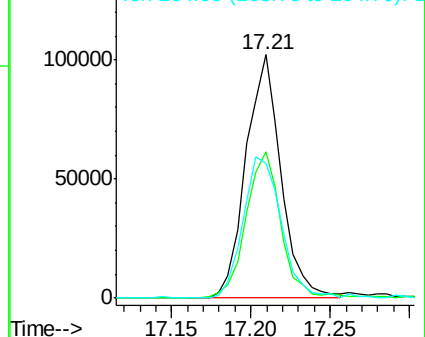
264 55.4 50.6 75.8

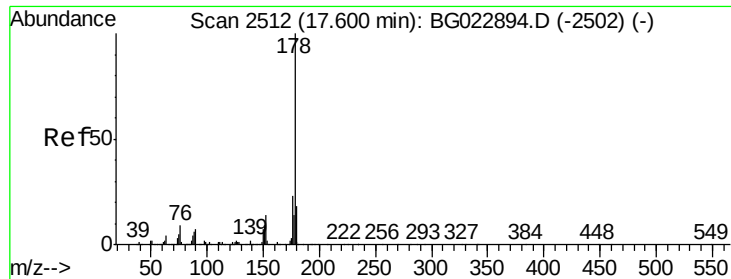


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 13.22 ng

RT: 17.60 min Scan# 2513

Delta R.T. 0.00 min

Lab File: BG023056.D

Acq: 13 Jul 2016 4:48

Instrument :

BNA_G

ClientSampleId :

LSS-MW-SB22(20)MS

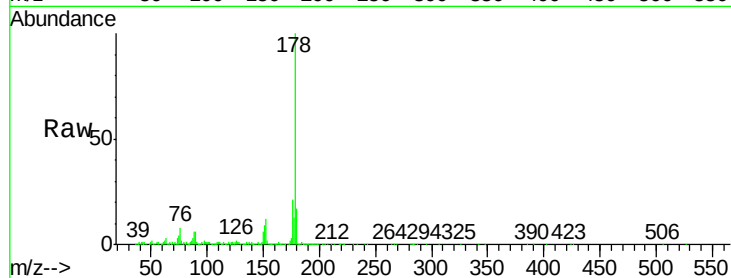
Tgt Ion:178 Resp: 517941

Ion Ratio Lower Upper

178 100

176 20.9 16.8 25.2

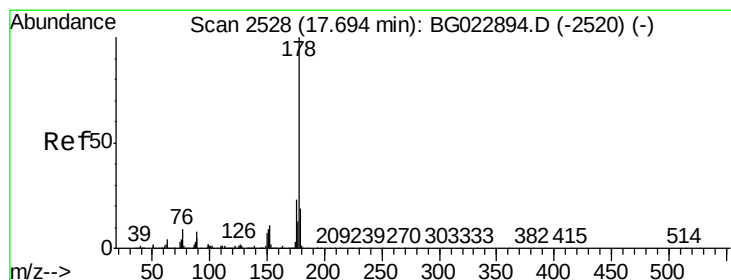
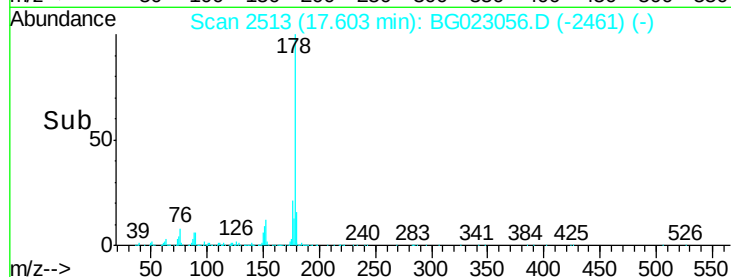
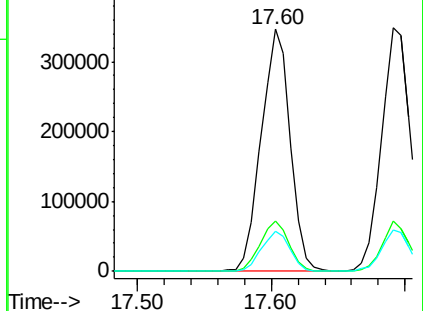
179 16.6 14.3 21.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 13.14 ng

RT: 17.69 min Scan# 2528

Delta R.T. -0.00 min

Lab File: BG023056.D

Acq: 13 Jul 2016 4:48

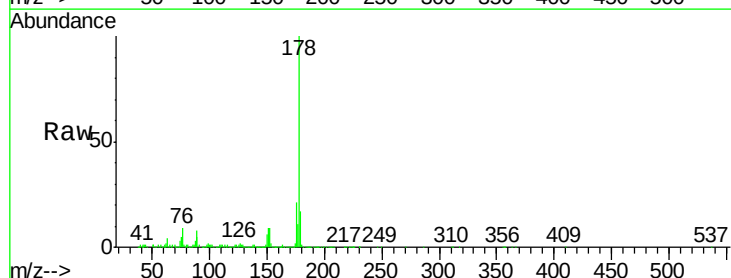
Tgt Ion:178 Resp: 521062

Ion Ratio Lower Upper

178 100

176 20.9 17.3 25.9

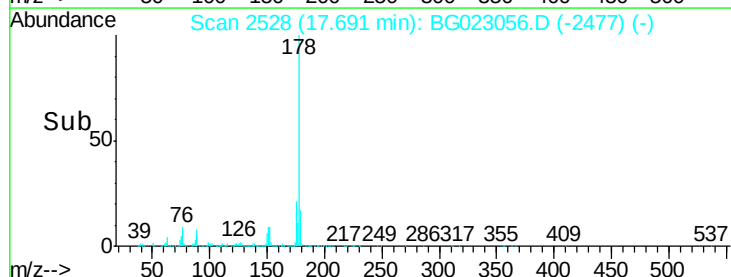
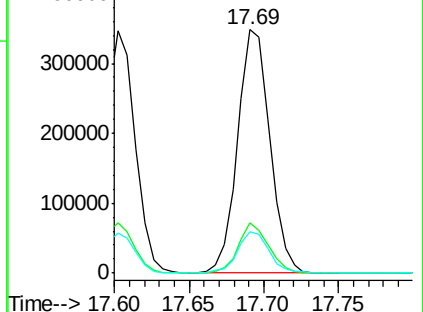
179 16.8 14.0 21.0

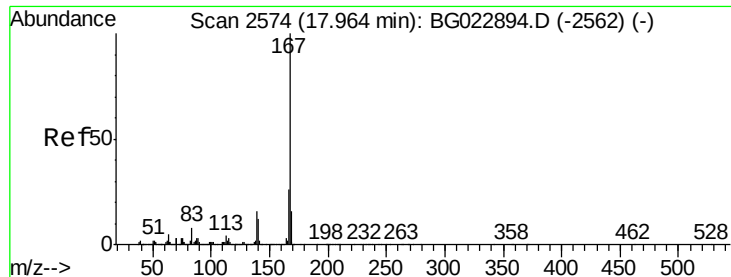


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 12.95 ng

RT: 17.97 min Scan# 2575

Delta R.T. 0.00 min

Lab File: BG023056.D

Acq: 13 Jul 2016 4:48

Instrument :

BNA_G

ClientSampleId :

LSS-MW-SB22(20)MS

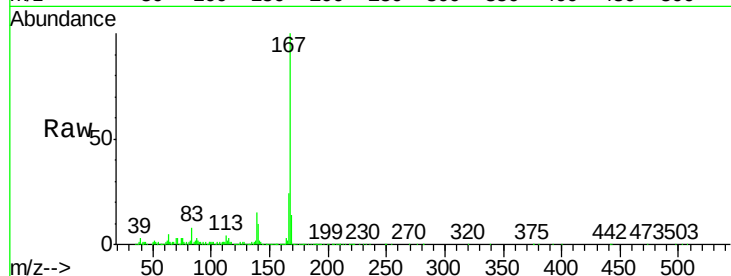
Tgt Ion:167 Resp: 443767

Ion Ratio Lower Upper

167 100

166 24.0 20.7 31.1

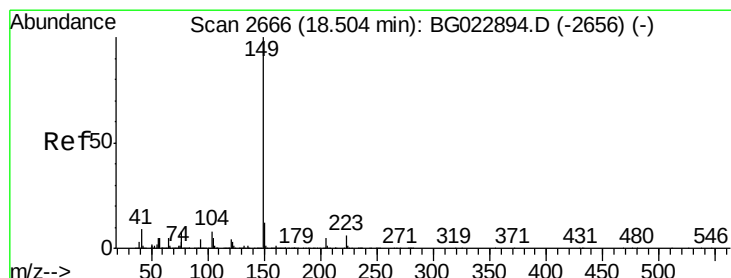
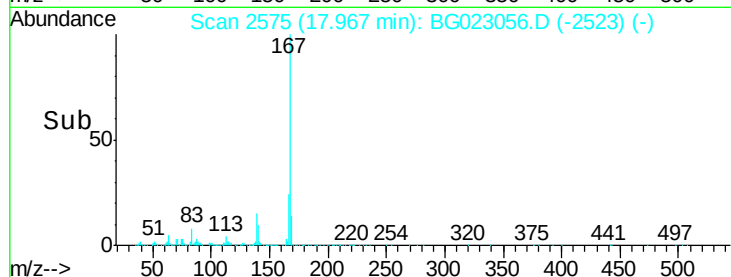
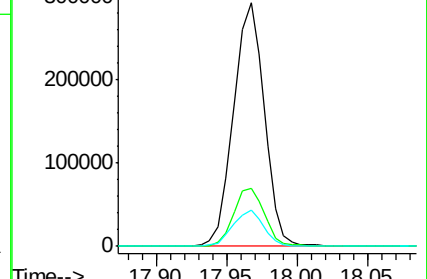
139 14.9 11.9 17.9



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 14.69 ng

RT: 18.51 min Scan# 2667

Delta R.T. 0.00 min

Lab File: BG023056.D

Acq: 13 Jul 2016 4:48

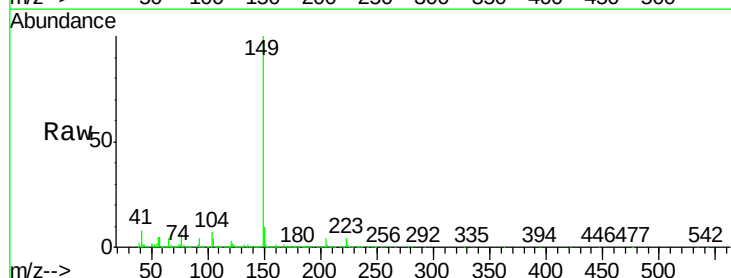
Tgt Ion:149 Resp: 559972

Ion Ratio Lower Upper

149 100

150 10.3 9.1 13.7

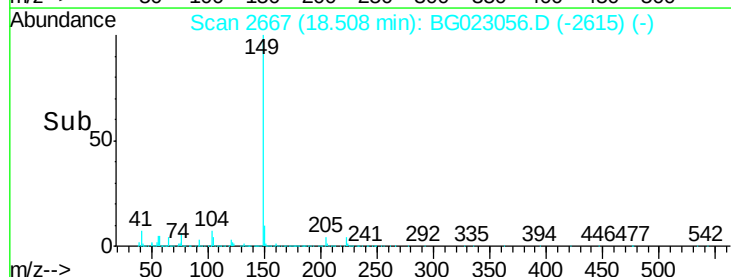
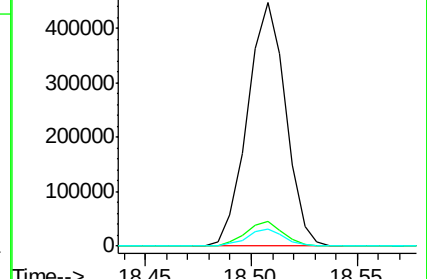
104 7.1 6.9 10.3

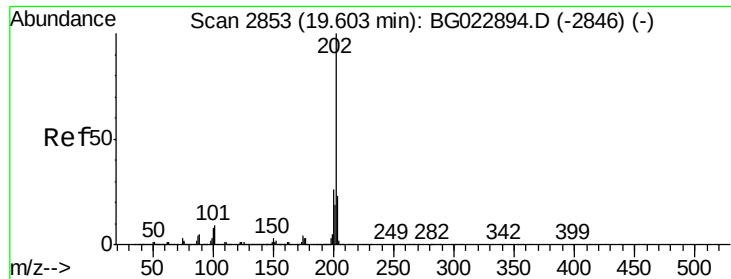


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 12.83 ng

RT: 19.61 min Scan# 2855

Delta R.T. 0.01 min

Lab File: BG023056.D

Acq: 13 Jul 2016 4:48

Instrument :

BNA_G

ClientSampleId :

LSS-MW-SB22(20)MS

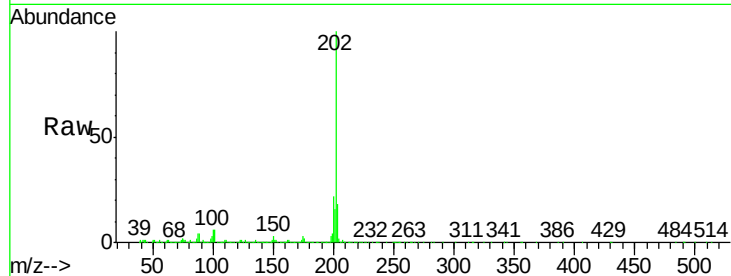
Tgt Ion:202 Resp: 616470

Ion Ratio Lower Upper

202 100

101 6.1 0.0 27.4

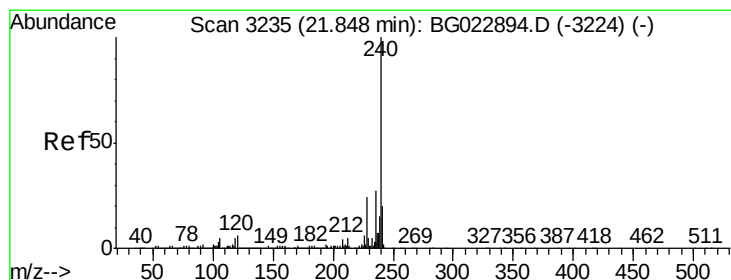
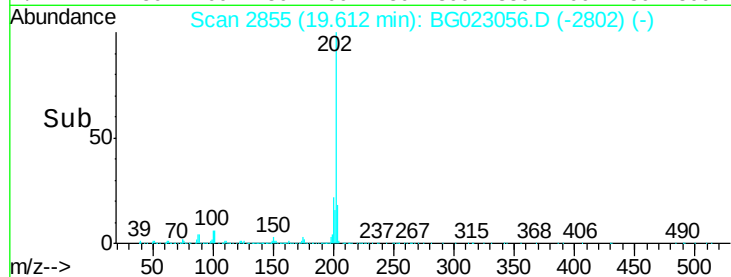
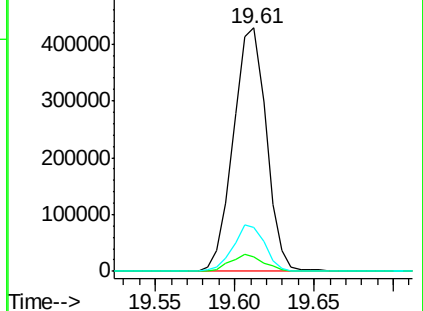
203 17.8 1.7 41.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.87 min Scan# 3239

Delta R.T. 0.02 min

Lab File: BG023056.D

Acq: 13 Jul 2016 4:48

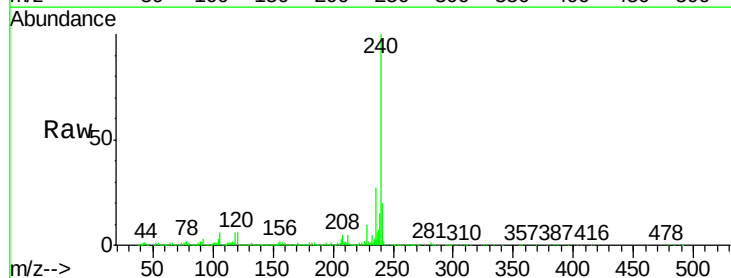
Tgt Ion:240 Resp: 896458

Ion Ratio Lower Upper

240 100

120 6.2 4.1 6.1#

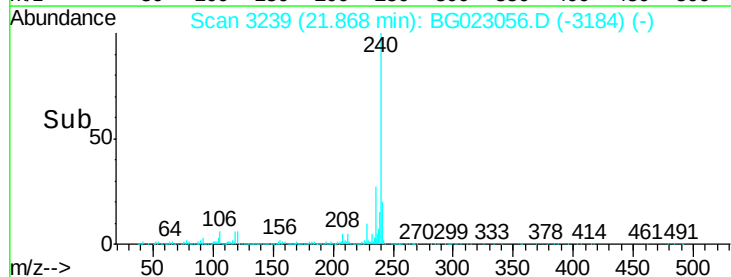
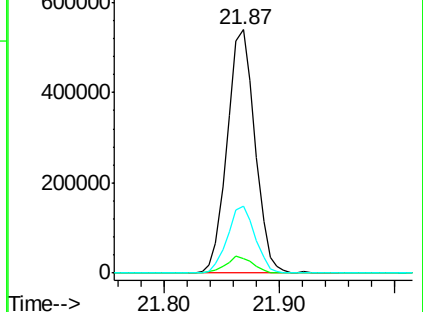
236 27.4 21.1 31.7

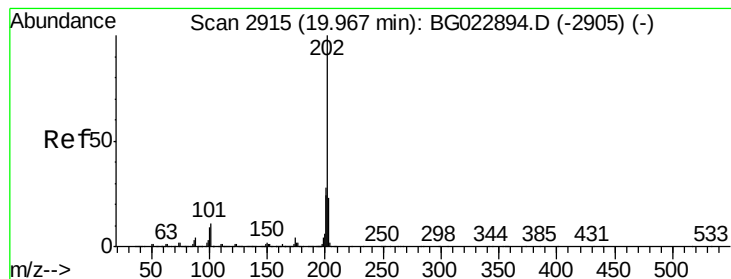


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 12.46 ng

RT: 19.97 min Scan# 2916

Delta R.T. 0.00 min

Lab File: BG023056.D

Acq: 13 Jul 2016 4:48

Instrument :

BNA_G

ClientSampleId :

LSS-MW-SB22(20)MS

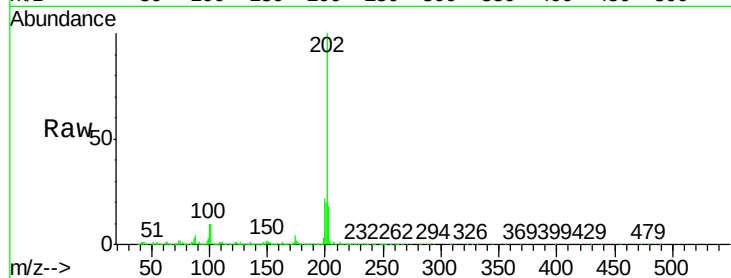
Tgt Ion:202 Resp: 627492

Ion Ratio Lower Upper

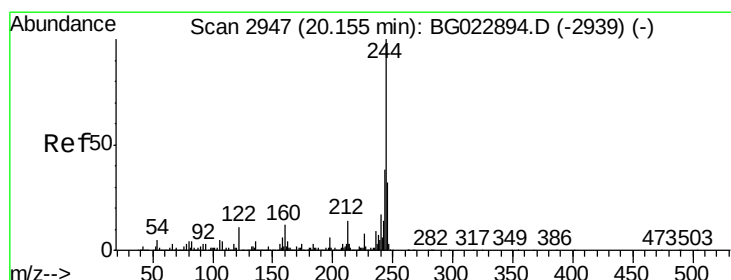
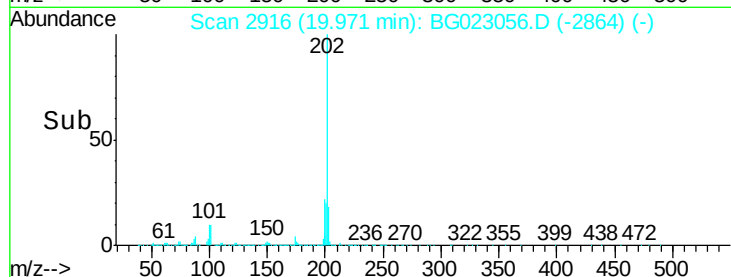
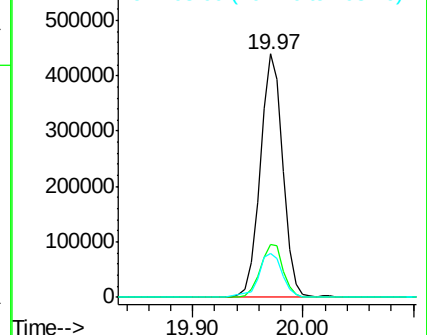
202 100

200 21.6 21.2 31.8

203 17.9 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: 98.20 ng

RT: 20.16 min Scan# 2949

Delta R.T. 0.01 min

Lab File: BG023056.D

Acq: 13 Jul 2016 4:48

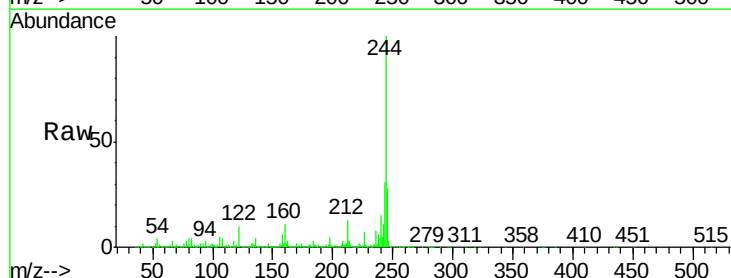
Tgt Ion:244 Resp: 2616422

Ion Ratio Lower Upper

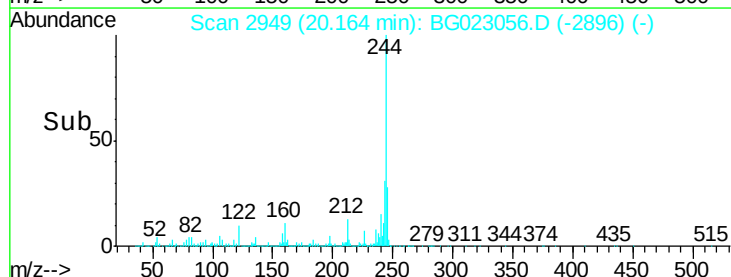
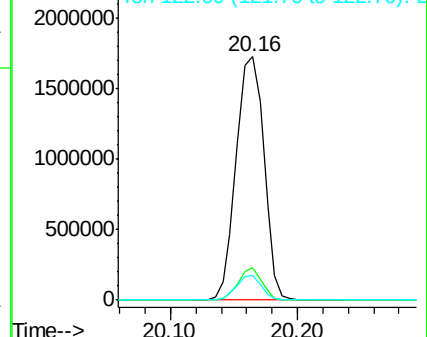
244 100

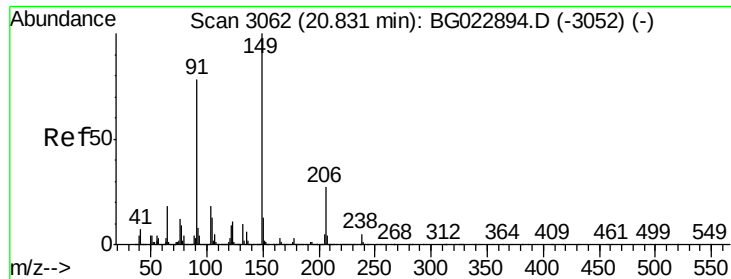
212 13.1 10.8 16.2

122 10.0 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

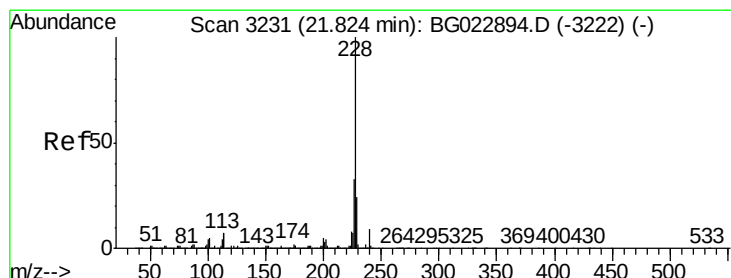
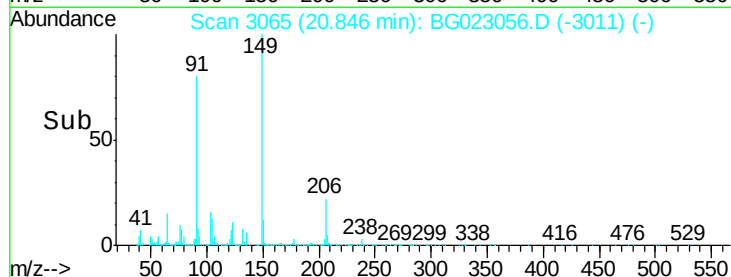
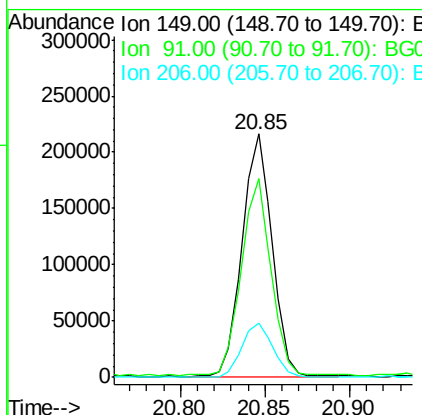
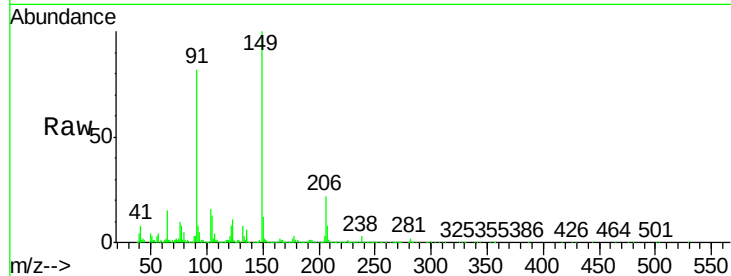




#79
Butylbenzylphthalate
Concen: 13.24 ng
RT: 20.85 min Scan# 3065
Delta R.T. 0.01 min
Lab File: BG023056.D
Acq: 13 Jul 2016 4:48

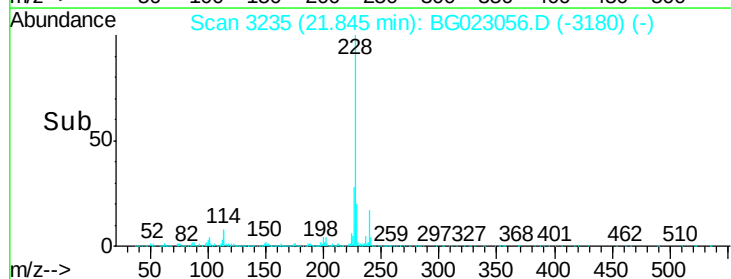
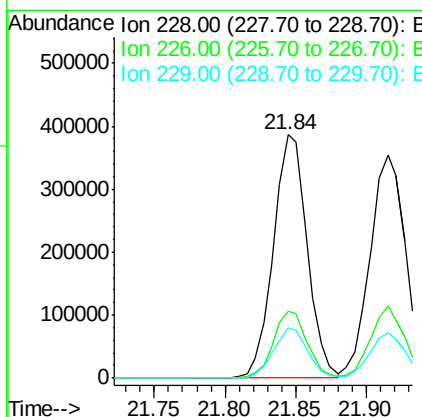
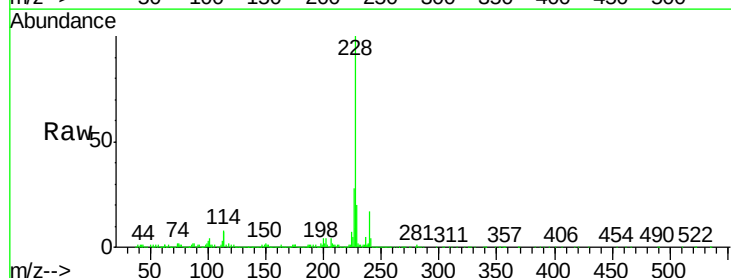
Instrument :
BNA_G
ClientSampleId :
LSS-MW-SB22(20)MS

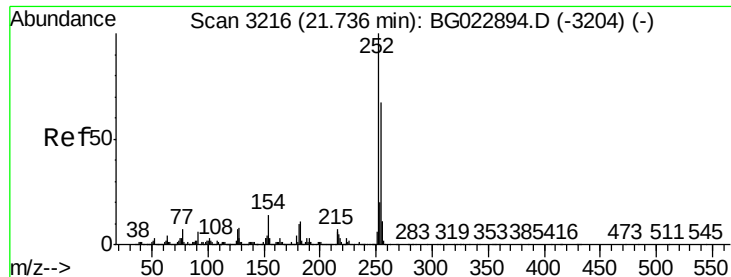
Tgt Ion	Ratio	Lower	Upper
149	100		
91	81.9	68.1	102.1
206	22.3	19.8	29.6



#80
Benzo(a)anthracene
Concen: 12.88 ng
RT: 21.84 min Scan# 3235
Delta R.T. 0.02 min
Lab File: BG023056.D
Acq: 13 Jul 2016 4:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	25.3	37.9
229	20.4	19.9	29.9

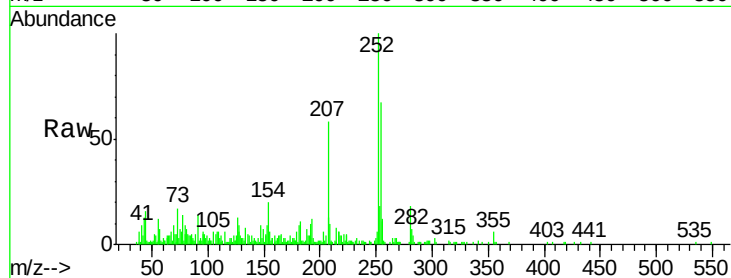




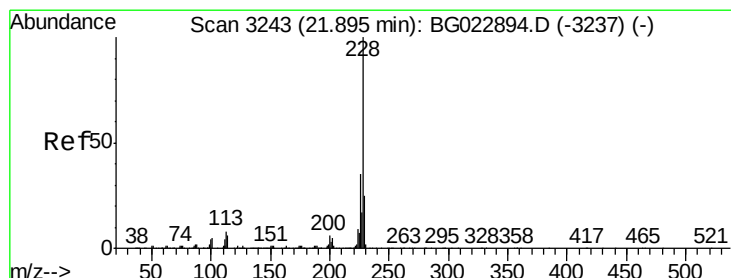
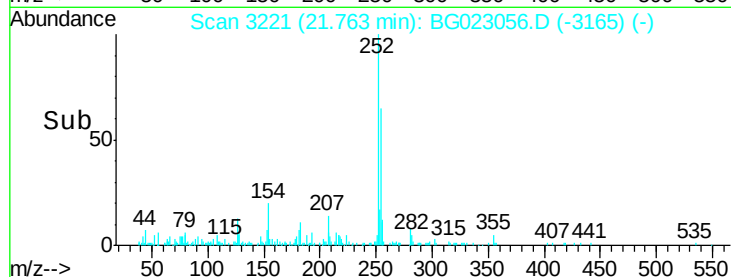
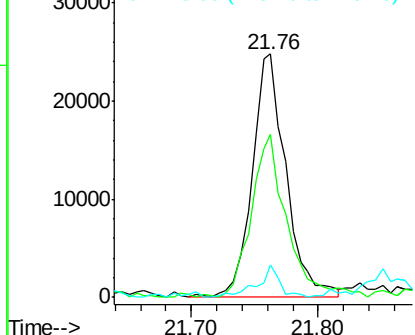
#81
 3,3'-Dichlorobenzidine
 Concen: 2.09 ng
 RT: 21.76 min Scan# 3221
 Delta R.T. 0.03 min
 Lab File: BG023056.D
 Acq: 13 Jul 2016 4:48

Instrument :
 BNA_G
 ClientSampleId :
 LSS-MW-SB22(20)MS

Tgt Ion: 252 Resp: 46085
 Ion Ratio Lower Upper
 252 100
 254 66.8 51.2 76.8
 126 13.1 5.3 7.9#

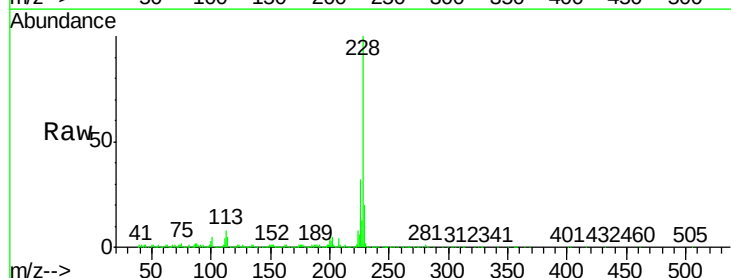


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

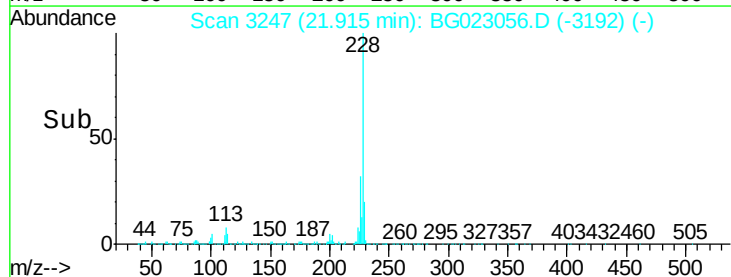
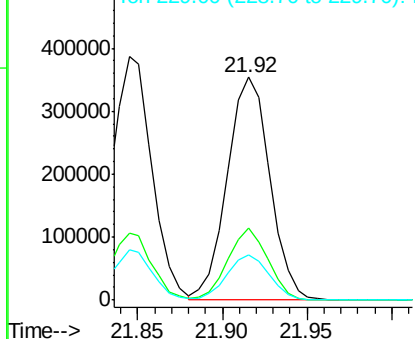


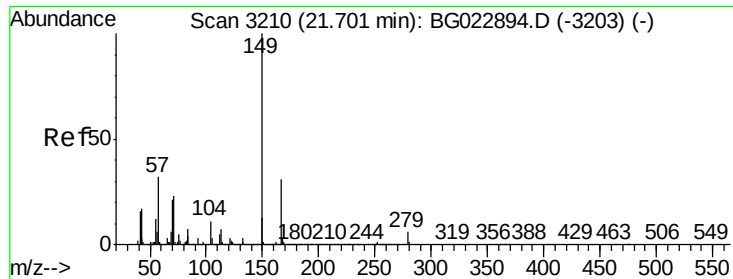
#82
 Chrysene
 Concen: 13.12 ng
 RT: 21.92 min Scan# 3247
 Delta R.T. 0.02 min
 Lab File: BG023056.D
 Acq: 13 Jul 2016 4:48

Tgt Ion: 228 Resp: 617049
 Ion Ratio Lower Upper
 228 100
 226 32.1 26.7 40.1
 229 20.4 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

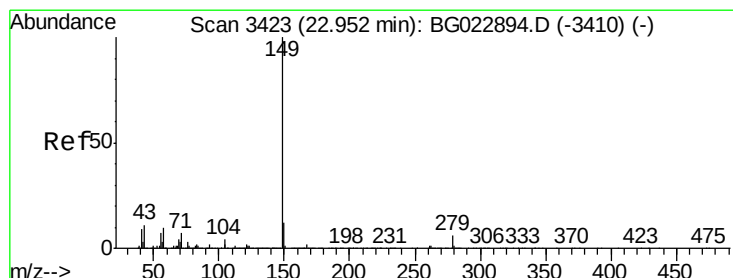
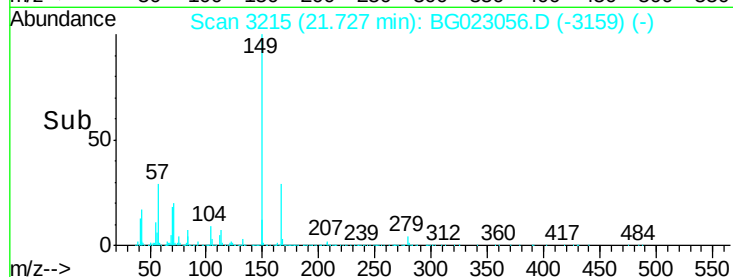
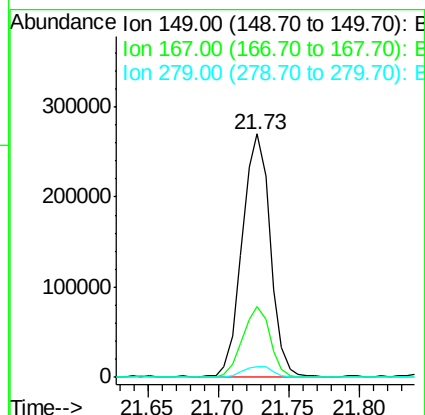
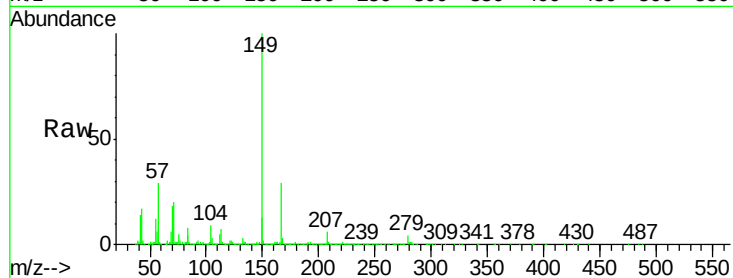




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 13.47 ng
 RT: 21.73 min Scan# 3215
 Delta R.T. 0.03 min
 Lab File: BG023056.D
 Acq: 13 Jul 2016 4:48

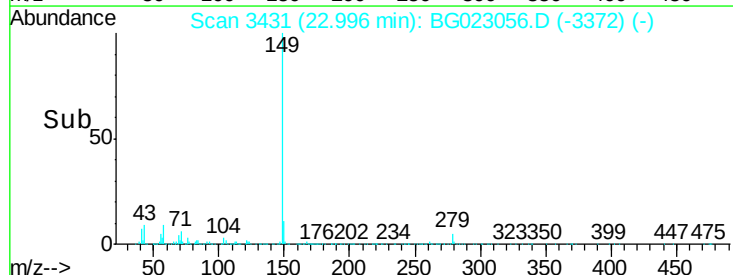
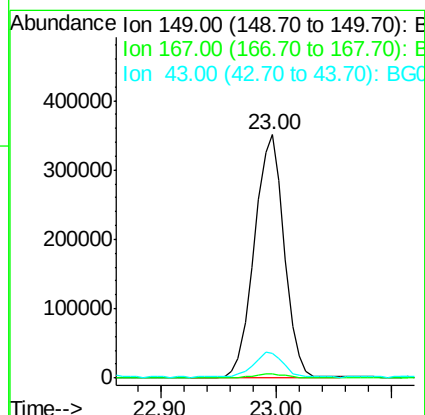
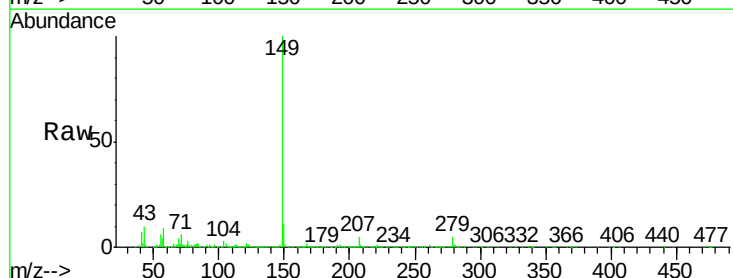
Instrument :
 BNA_G
 ClientSampleId :
 LSS-MW-SB22(20)MS

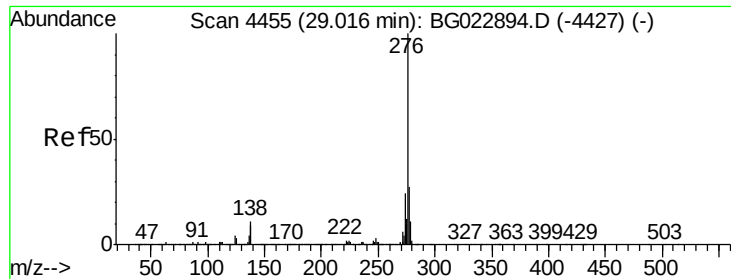
Tgt Ion:149 Resp: 373091
 Ion Ratio Lower Upper
 149 100
 167 29.2 24.0 36.0
 279 4.2 4.8 7.2#



#84
 Di-n-octyl phthalate
 Concen: 13.66 ng
 RT: 23.00 min Scan# 3431
 Delta R.T. 0.04 min
 Lab File: BG023056.D
 Acq: 13 Jul 2016 4:48

Tgt Ion:149 Resp: 631404
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.5 2.3
 43 10.4 8.8 13.2





#85

Indeno(1,2,3-cd)pyrene

Concen: 11.30 ng

RT: 29.12 min Scan# 4474

Delta R.T. 0.11 min

Lab File: BG023056.D

Acq: 13 Jul 2016 4:48

Instrument :

BNA_G

ClientSampleId :

LSS-MW-SB22(20)MS

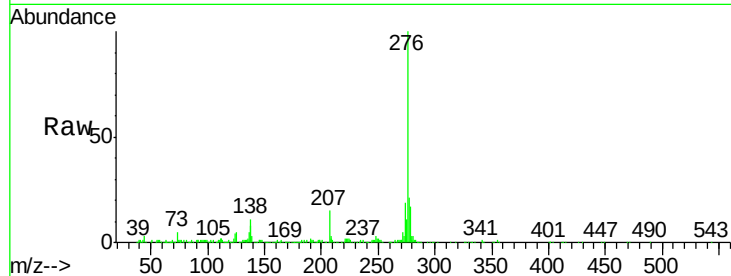
Tgt Ion:276 Resp: 678149

Ion Ratio Lower Upper

276 100

138 8.0 0.0 0.0#

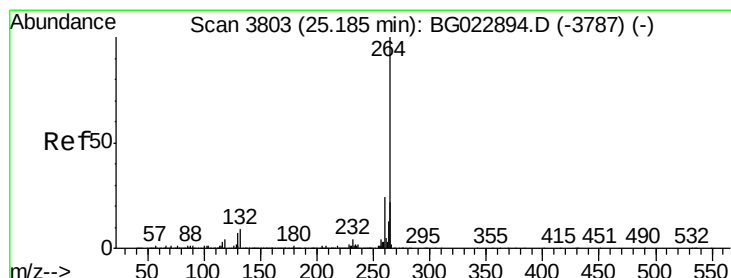
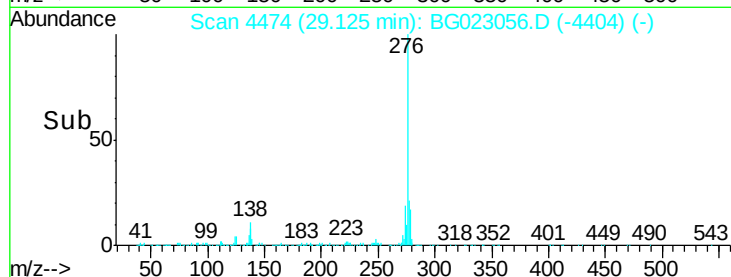
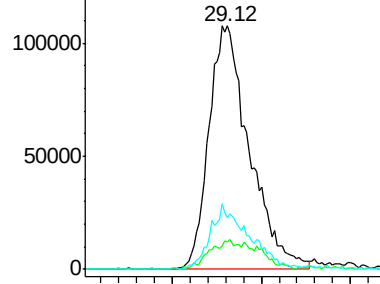
277 24.9 0.0 0.0#



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: 25.25 min Scan# 3815

Delta R.T. 0.07 min

Lab File: BG023056.D

Acq: 13 Jul 2016 4:48

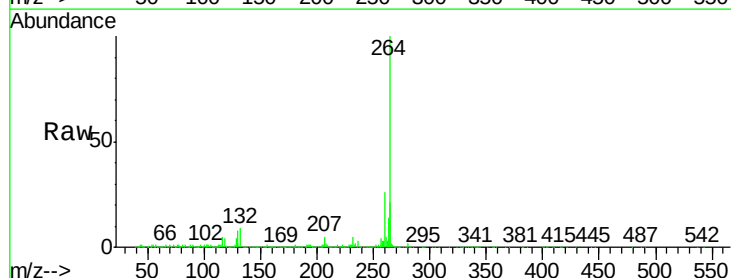
Tgt Ion:264 Resp: 917184

Ion Ratio Lower Upper

264 100

260 25.8 18.4 27.6

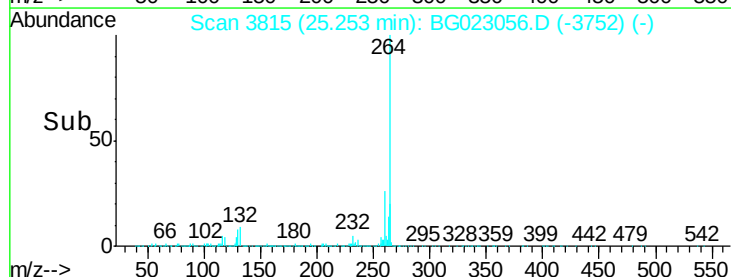
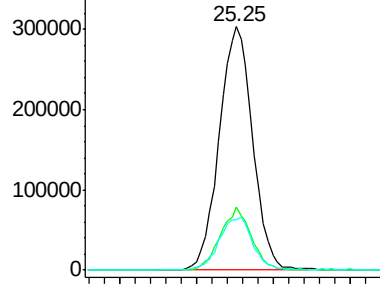
265 20.7 18.9 28.3

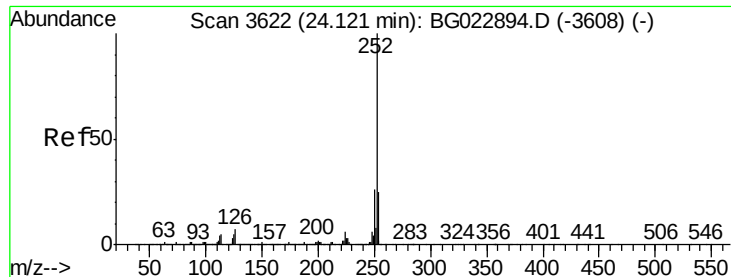


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 12.14 ng

RT: 24.17 min Scan# 3631

Delta R.T. 0.05 min

Lab File: BG023056.D

Acq: 13 Jul 2016 4:48

Instrument :

BNA_G

ClientSampleId :

LSS-MW-SB22(20)MS

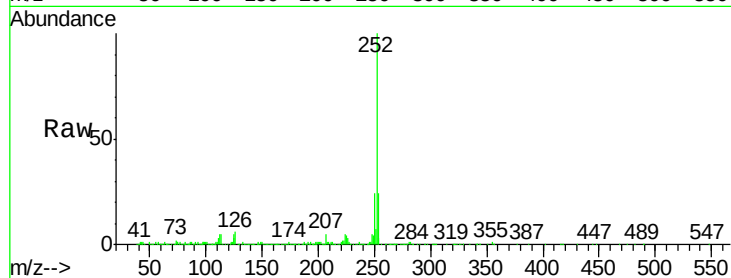
Tgt Ion:252 Resp: 642306

Ion Ratio Lower Upper

252 100

253 23.5 18.9 28.3

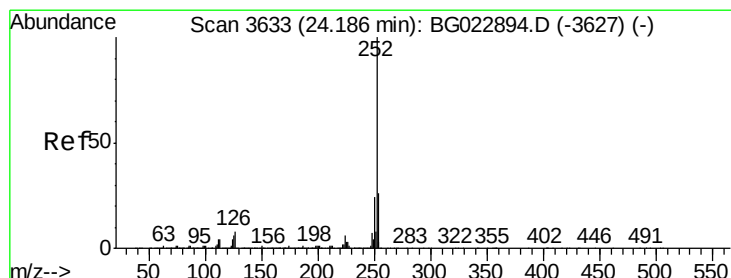
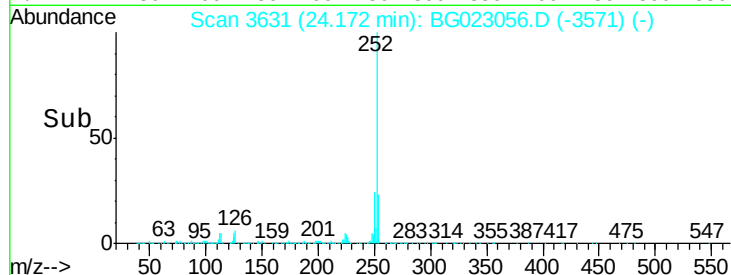
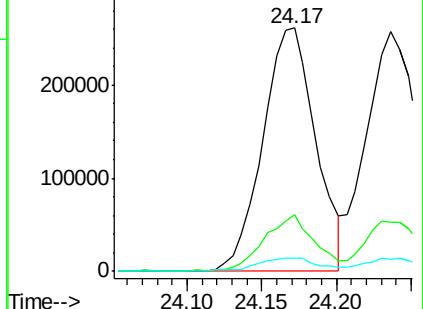
125 5.3 3.9 5.9



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: 12.79 ng

RT: 24.24 min Scan# 3642

Delta R.T. 0.05 min

Lab File: BG023056.D

Acq: 13 Jul 2016 4:48

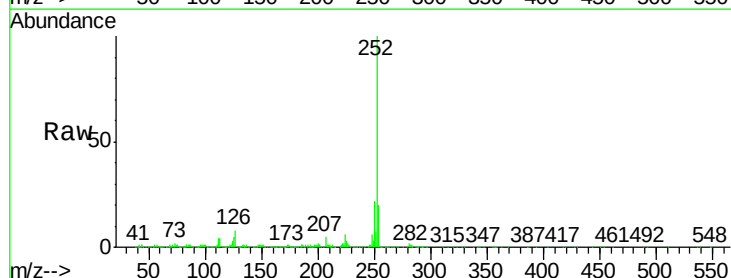
Tgt Ion:252 Resp: 642391

Ion Ratio Lower Upper

252 100

253 20.2 18.8 28.2

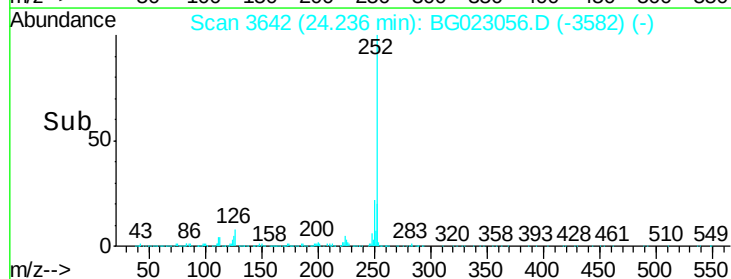
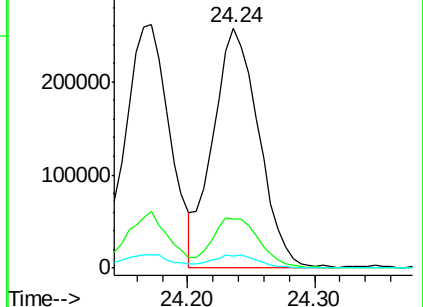
125 4.9 3.2 4.8#

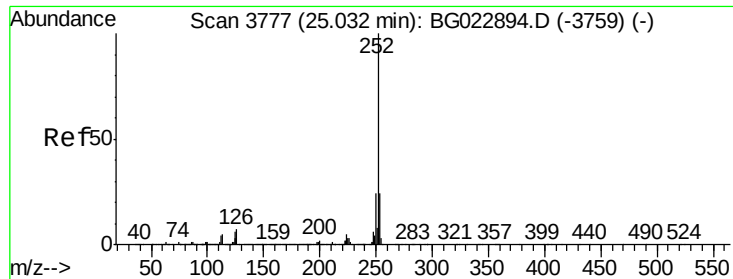


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 12.42 ng

RT: 25.09 min Scan# 3787

Delta R.T. 0.06 min

Lab File: BG023056.D

Acq: 13 Jul 2016 4:48

Instrument :

BNA_G

ClientSampleId :

LSS-MW-SB22(20)MS

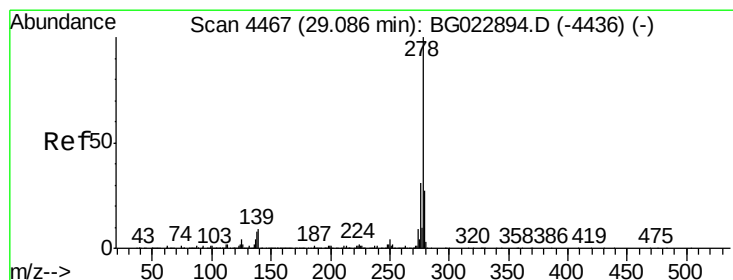
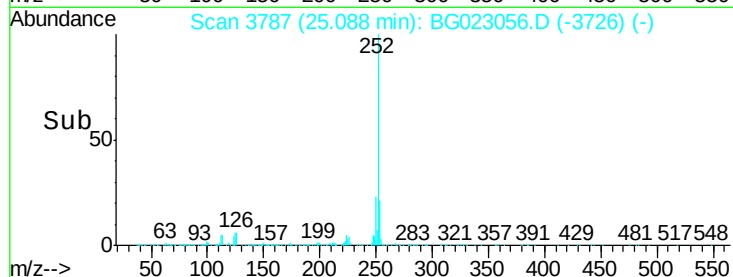
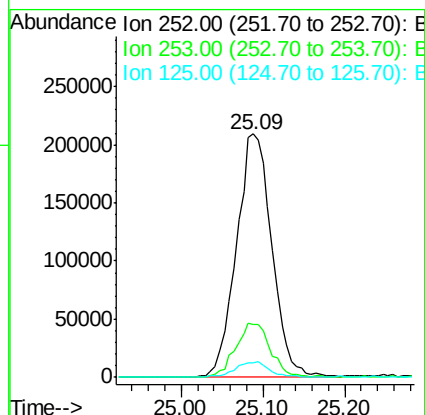
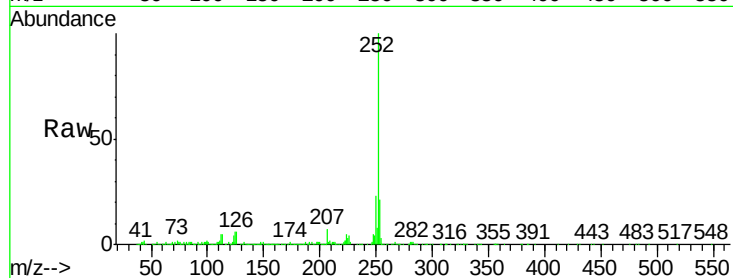
Tgt Ion:252 Resp: 629873

Ion Ratio Lower Upper

252 100

253 21.5 18.7 28.1

125 6.0 3.9 5.9#



#90

Dibenzo(a,h)anthracene

Concen: 11.53 ng

RT: 29.18 min Scan# 4484

Delta R.T. 0.10 min

Lab File: BG023056.D

Acq: 13 Jul 2016 4:48

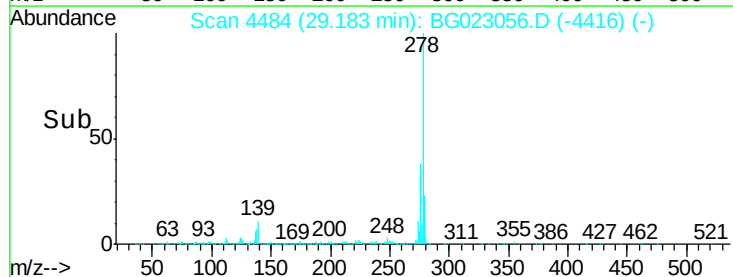
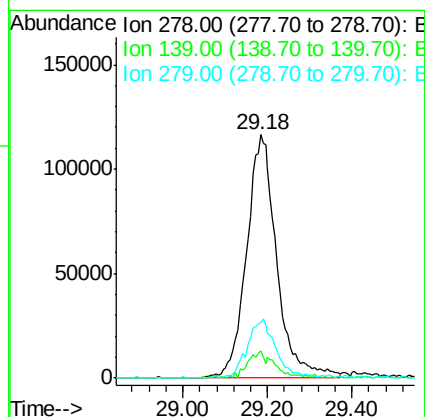
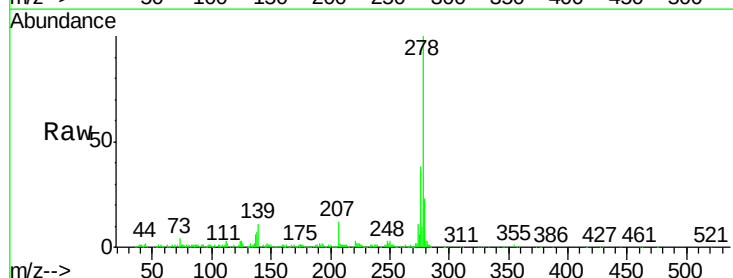
Tgt Ion:278 Resp: 580368

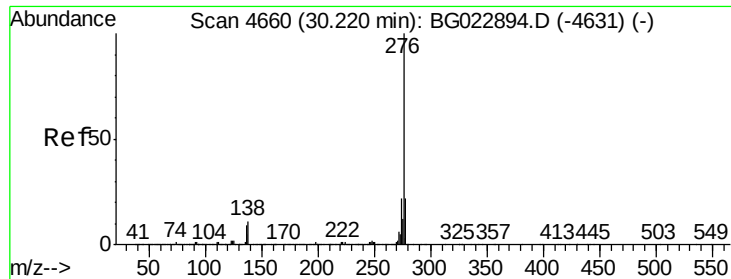
Ion Ratio Lower Upper

278 100

139 11.3 4.7 7.1#

279 23.0 18.3 27.5





#91
 Benzo(g,h,i)perylene
 Concen: 10.57 ng
 RT: 30.32 min Scan# 4678
 Delta R.T. 0.10 min
 Lab File: BG023056.D
 Acq: 13 Jul 2016 4:48

Instrument :
 BNA_G
 ClientSampleId :
 LSS-MW-SB22(20)MS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.4	18.6	27.8
138	10.7	6.8	10.2

