

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120715\
 Data File : BG020000.D
 Acq On : 8 Dec 2015 3:21
 Operator : UM/NP
 Sample : G4676-12MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-11BMS

Quant Time: Dec 08 04:46:27 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	18070	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	78928	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	53228	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	132314	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	159518	20.00	ng	-0.03
86) Perylene-d12	25.04	264	150189	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	75316	75.33	ng	-0.01
7) Phenol-d6	7.26	99	69680	46.16	ng	-0.01
23) Nitrobenzene-d5	9.28	82	147494	95.37	ng	-0.02
41) 2,4,6-Tribromophenol	16.23	330	106330	130.56	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	344781	88.44	ng	-0.02
78) Terphenyl-d14	20.09	244	580110	88.70	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	7849	20.15	ng	# 100
3) Pyridine	3.93	79	20847	17.62	ng	86
4) n-Nitrosodimethylamine	3.84	42	12053	19.37	ng	96
6) Aniline	7.43	93	59108	30.24	ng	# 86
8) 2-Chlorophenol	7.67	128	50223	41.20	ng	95
9) Benzaldehyde	7.24	77	16567	16.46	ng	93
10) Phenol	7.29	94	27059	17.03	ng	79
11) bis(2-Chloroethyl)ether	7.53	93	55824	47.44	ng	87
12) 1,3-Dichlorobenzene	8.00	146	53696	38.86	ng	# 94
13) 1,4-Dichlorobenzene	8.15	146	54913	38.48	ng	95
14) 1,2-Dichlorobenzene	8.47	146	55472	40.75	ng	95
15) Benzyl Alcohol	8.35	79	42906	32.39	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.64	45	83799	43.67	ng	94
17) 2-Methylphenol	8.55	107	39190	34.94	ng	# 92
18) Hexachloroethane	9.21	117	20334	38.05	ng	92
19) n-Nitroso-di-n-propylamine	8.92	70	52001	43.68	ng	92
20) 3+4-Methylphenols	8.88	107	48572	30.75	ng	94
22) Acetophenone	8.94	105	93119	43.04	ng	# 93
24) Nitrobenzene	9.32	77	79459	47.37	ng	89
25) Isophorone	9.85	82	142321	42.92	ng	97
26) 2-Nitrophenol	10.04	139	32927	50.82	ng	# 71
27) 2,4-Dimethylphenol	10.09	122	57160	42.36	ng	88
28) bis(2-Chloroethoxy)methane	10.33	93	81025	50.01	ng	98
29) 2,4-Dichlorophenol	10.57	162	63733	46.24	ng	94
30) 1,2,4-Trichlorobenzene	10.79	180	64085	41.14	ng	94
31) Naphthalene	10.98	128	187612	44.37	ng	99
32) Benzoic acid	10.16	122	14928	20.37	ng	86
33) 4-Chloroaniline	11.08	127	65135	34.96	ng	# 93
34) Hexachlorobutadiene	11.26	225	44211	38.48	ng	95
35) Caprolactam	11.85	113	4016	7.83	ng	92
36) 4-Chloro-3-methylphenol	12.19	107	68647	39.99	ng	97
37) 2-Methylnaphthalene	12.58	142	143245	46.23	ng	95
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	89623	44.37	ng	99
40) Hexachlorocyclopentadiene	12.92	237	82987	72.05	ng	97

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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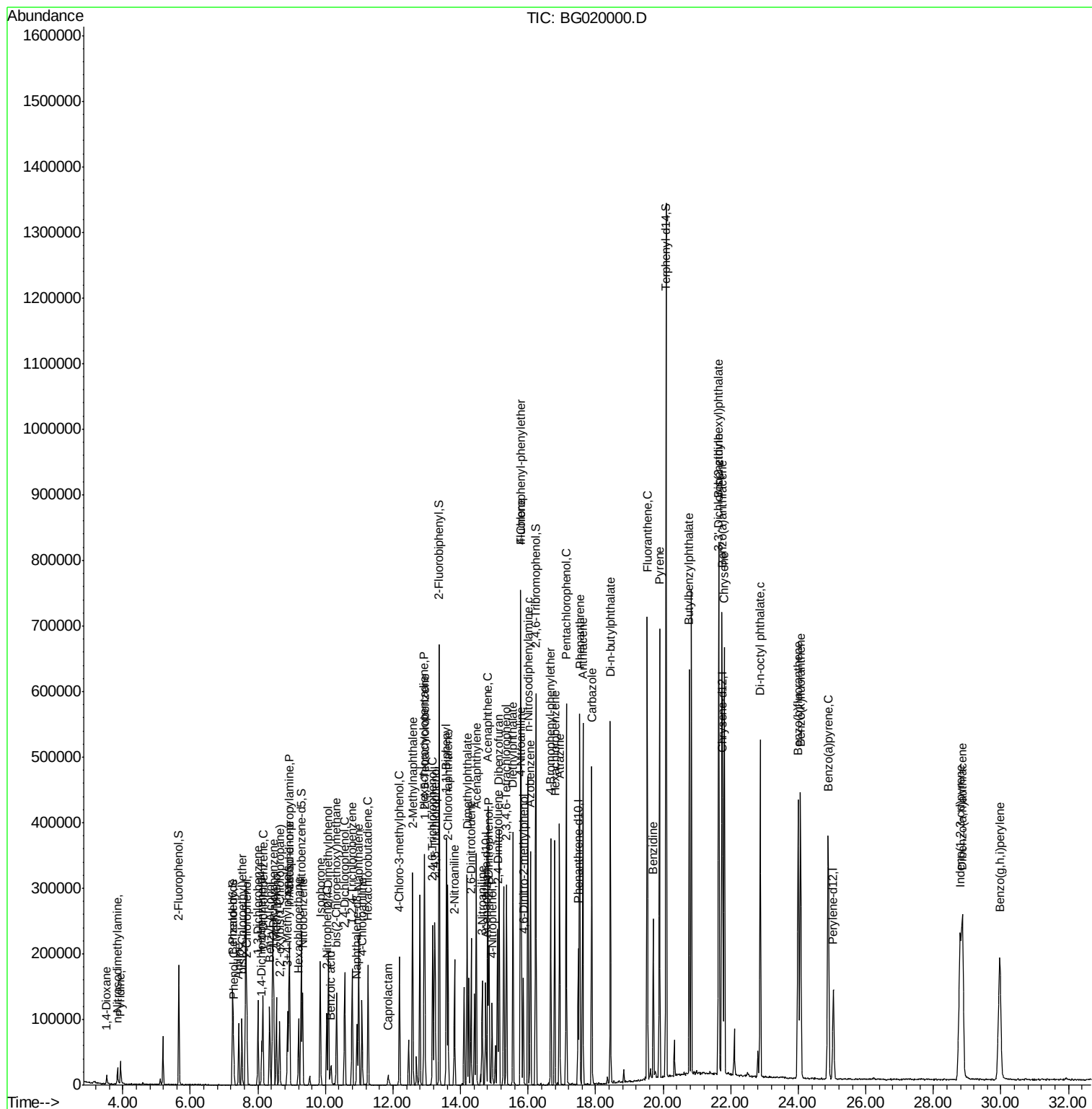
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.17	196	61435	45.94	nq	99
43) 2,4,5-Trichlorophenol	13.24	196	67427	47.71	nq	96
45) 1,1'-Biphenyl	13.58	154	191228	43.78	nq	99
46) 2-Chloronaphthalene	13.63	162	153504	45.59	nq	95
47) 2-Nitroaniline	13.82	65	56667	53.29	nq	89
48) Acenaphthylene	14.47	152	257731	44.94	nq	100
49) Dimethylphthalate	14.19	163	213694	44.63	nq	99
50) 2,6-Dinitrotoluene	14.31	165	46710	51.89	nq	# 79
51) Acenaphthene	14.81	154	159418	45.81	nq	99
52) 3-Nitroaniline	14.64	138	38398	41.06	nq	88
53) 2,4-Dinitrophenol	14.85	184	50823	103.07	nq	91
54) Dibenzofuran	15.14	168	260151	50.25	nq	95
55) 4-Nitrophenol	14.94	139	29875	36.68	nq	# 68
56) 2,4-Dinitrotoluene	15.09	165	67330	53.61	nq	# 89
57) Fluorene	15.79	166	207304	44.74	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.36	232	66038	50.48	nq	98
59) Diethylphthalate	15.55	149	220968	42.64	nq	97
60) 4-Chlorophenyl-phenylether	15.78	204	114724	43.12	nq	96
61) 4-Nitroaniline	15.80	138	47248	44.92	nq	# 76
62) Azobenzene	16.07	77	208232	48.29	nq	95
64) 4,6-Dinitro-2-methylphenol	15.86	198	38201	50.96	nq	93
65) n-Nitrosodiphenylamine	15.99	169	188911	49.34	nq	94
66) 4-Bromophenyl-phenylether	16.67	248	76067	46.27	nq	96
67) Hexachlorobenzene	16.79	284	80224	46.84	nq	97
68) Atrazine	16.93	200	77620	46.66	nq	96
69) Pentachlorophenol	17.13	266	103252	103.29	nq	98
70) Phenanthrene	17.53	178	354689	47.38	nq	97
71) Anthracene	17.62	178	361364	47.39	nq	97
72) Carbazole	17.88	167	320498	47.71	nq	97
73) Di-n-butylphthalate	18.44	149	388434	47.18	nq	98
74) Fluoranthene	19.53	202	446893	46.67	nq	94
76) Benzidine	19.71	184	140981	26.91	nq	98
77) Pyrene	19.89	202	457622	48.76	nq	95
79) Butylbenzylphthalate	20.77	149	178634	48.56	nq	99
80) Benzo(a)anthracene	21.74	228	463628	47.48	nq	99
81) 3,3'-Dichlorobenzidine	21.65	252	112870	30.35	nq	96
82) Chrysene	21.81	228	420164	45.32	nq	97
83) Bis(2-ethylhexyl)phthalate	21.64	149	259399	48.05	nq	95
84) Di-n-octyl phthalate	22.87	149	446880	50.92	nq	# 95
85) Indeno(1,2,3-cd)pyrene	28.79	276	504120	49.36	nq	# 100
87) Benzo(b)fluoranthene	24.00	252	446324	46.89	nq	# 94
88) Benzo(k)fluoranthene	24.07	252	440723	46.75	nq	# 96
89) Benzo(a)pyrene	24.89	252	428484	47.41	nq	# 96
90) Dibenzo(a,h)anthracene	28.86	278	420749	47.12	nq	# 94
91) Benzo(g,h,i)perylene	29.96	276	418280	47.71	nq	# 93

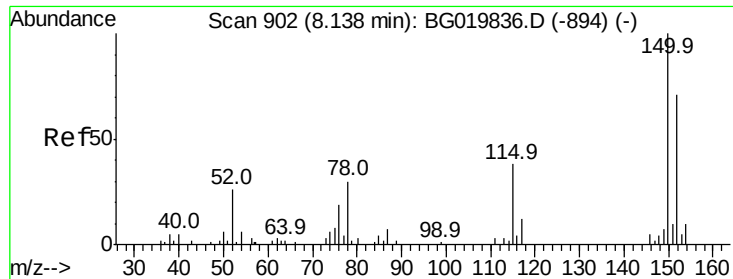
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.11 min Scan# 898

Delta R.T. -0.02 min

Lab File: BG020000.D

Acq: 8 Dec 2015 3:21

Instrument :

BNA_G

ClientSampleId :

MW-11BMS

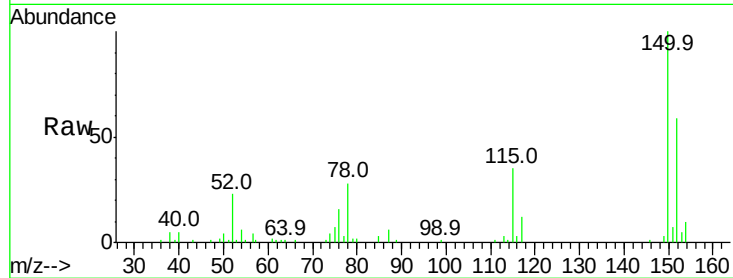
Tot Ion:152 Resp: 18070

Ion Ratio Lower Upper

152 100

150 170.2 115.0 172.4

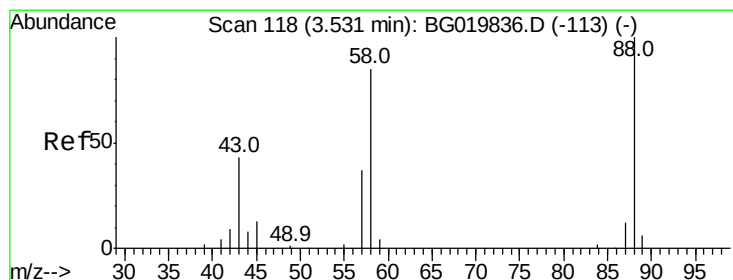
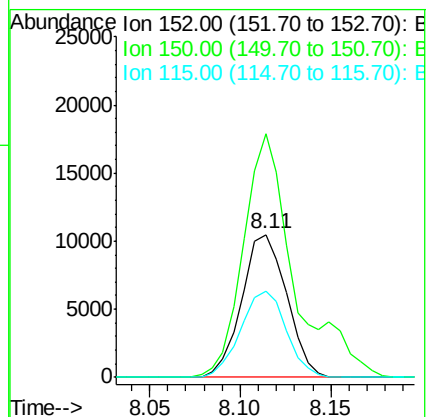
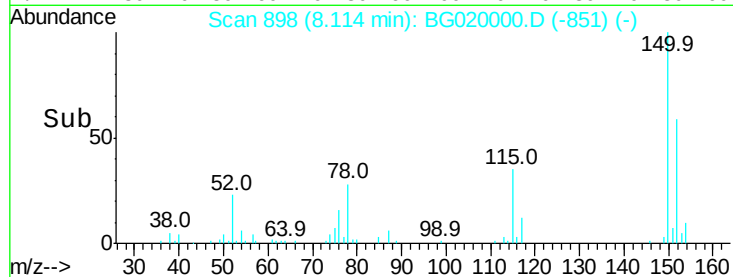
115 60.3 43.9 65.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 20.15 ng

RT: 3.53 min Scan# 117

Delta R.T. -0.01 min

Lab File: BG020000.D

Acq: 8 Dec 2015 3:21

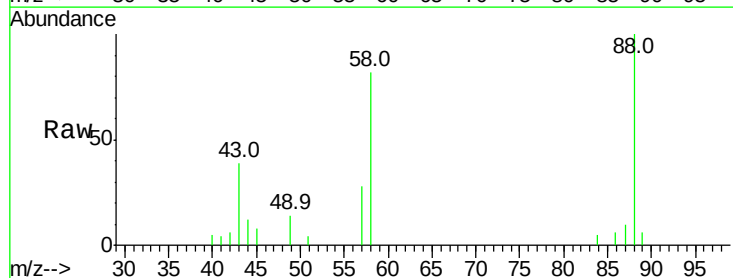
Tgt Ion: 88 Resp: 7849

Ion Ratio Lower Upper

88 100

58 82.9 0.0 0.0#

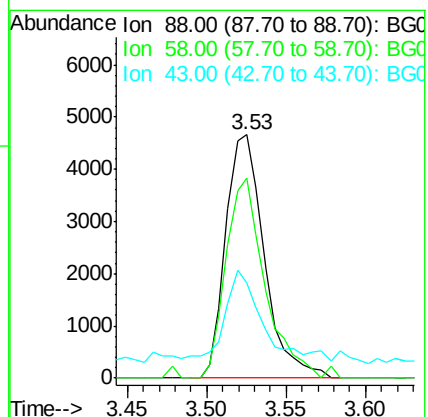
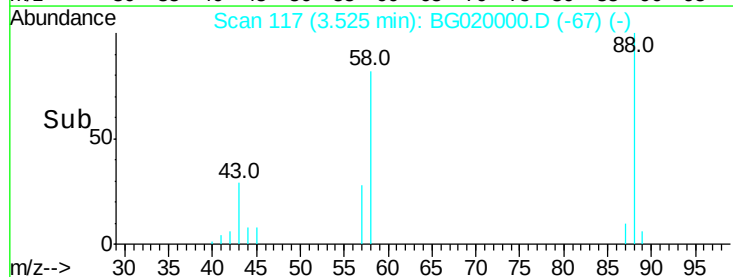
43 35.5 0.0 0.0#

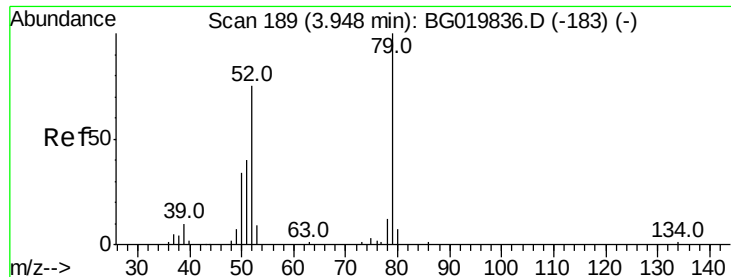


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 17.62 ng

RT: 3.93 min Scan# 186

Delta R.T. -0.02 min

Lab File: BG020000.D

Acq: 8 Dec 2015 3:21

Instrument :

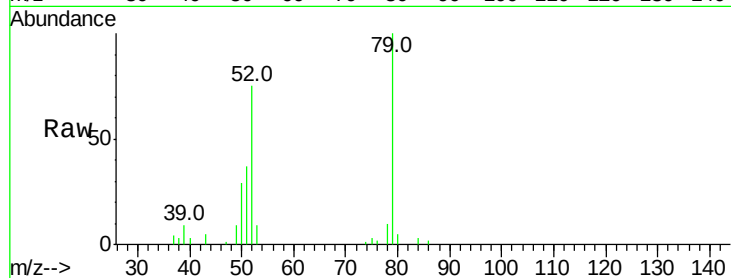
BNA_G

ClientSampleId :

MW-11BMS

Tot Ion: 79 Resp: 20847

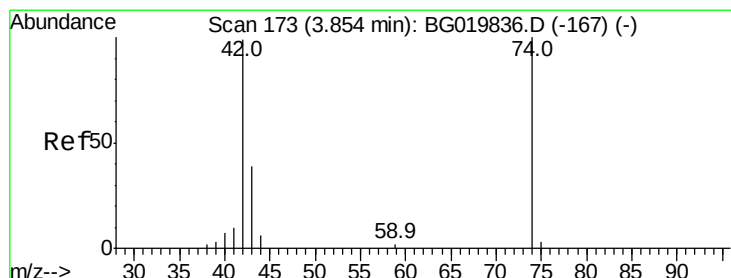
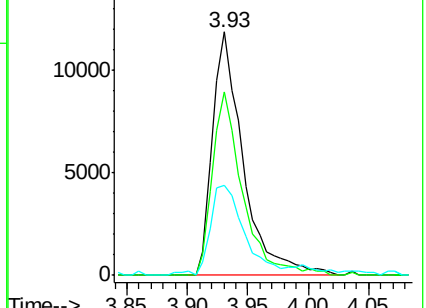
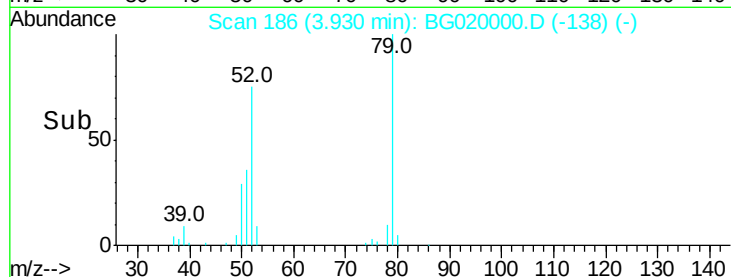
Ion	Ratio	Lower	Upper
79	100		
52	75.3	50.3	75.5
51	37.1	24.8	37.2



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 19.37 ng

RT: 3.84 min Scan# 171

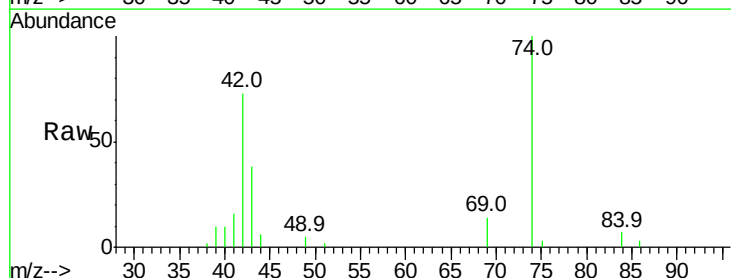
Delta R.T. -0.01 min

Lab File: BG020000.D

Acq: 8 Dec 2015 3:21

Tgt Ion: 42 Resp: 12053

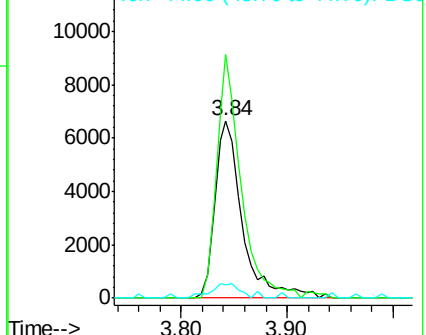
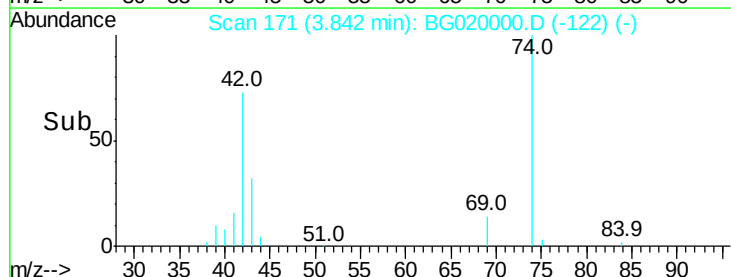
Ion	Ratio	Lower	Upper
42	100		
74	137.1	113.9	170.9
44	7.8	5.7	8.5

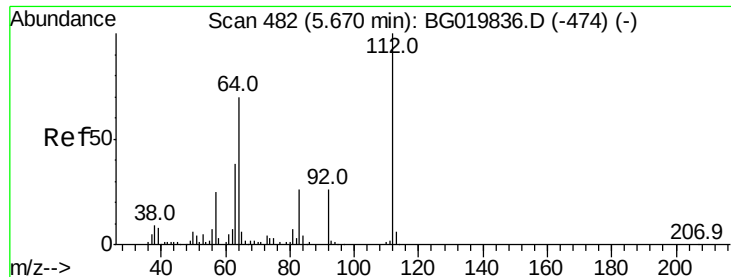


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 75.33 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.01 min

Lab File: BG020000.D

Acq: 8 Dec 2015 3:21

Instrument :

BNA_G

ClientSampleId :

MW-11BMS

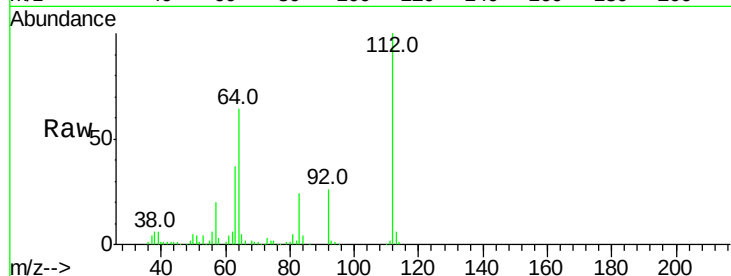
Tot Ion:112 Resp: 75316

Ion Ratio Lower Upper

112 100

64 64.4 43.7 65.5

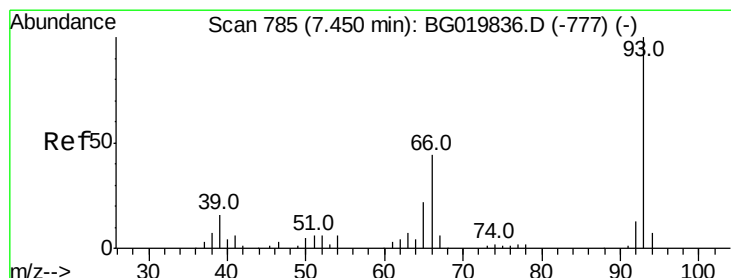
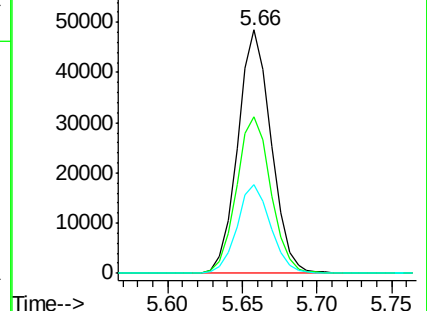
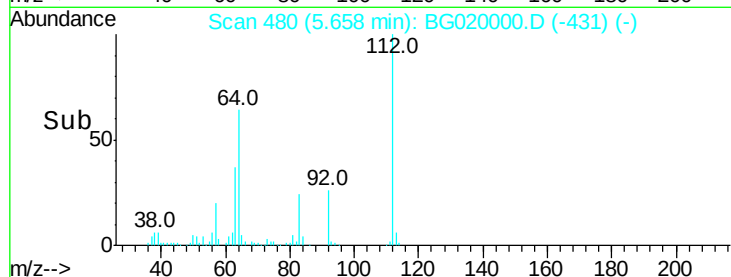
63 36.6 24.0 36.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 30.24 ng

RT: 7.43 min Scan# 782

Delta R.T. -0.02 min

Lab File: BG020000.D

Acq: 8 Dec 2015 3:21

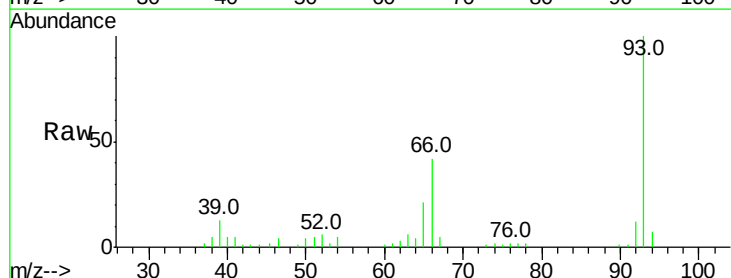
Tgt Ion: 93 Resp: 59108

Ion Ratio Lower Upper

93 100

66 42.4 26.2 39.2#

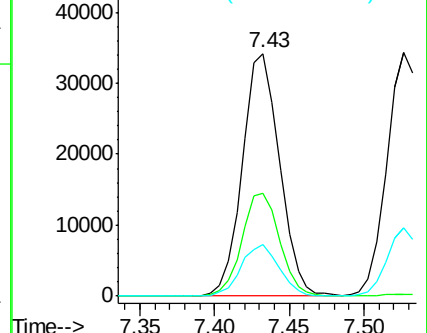
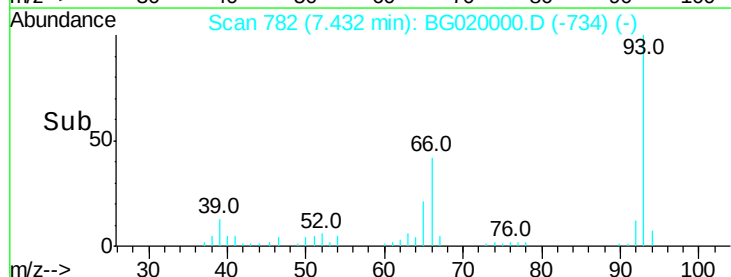
65 21.3 14.0 21.0#

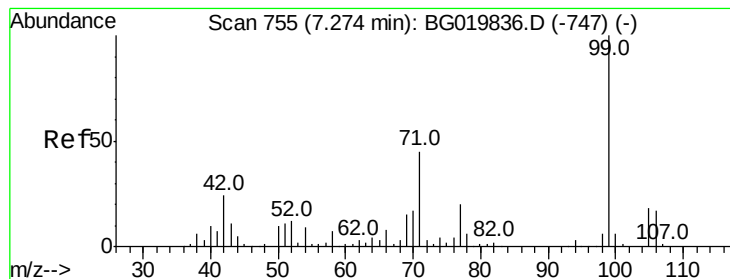


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 46.16 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG020000.D

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MW-11BMS

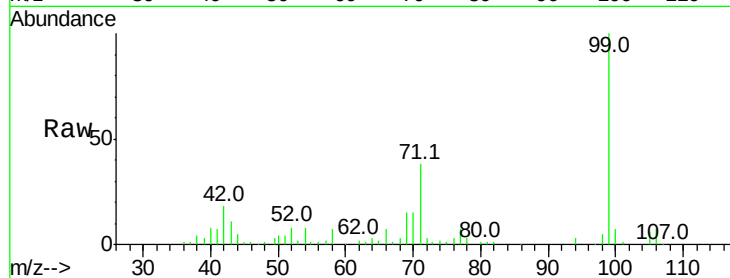
Tot Ion: 99 Resp: 69680

Ion Ratio Lower Upper

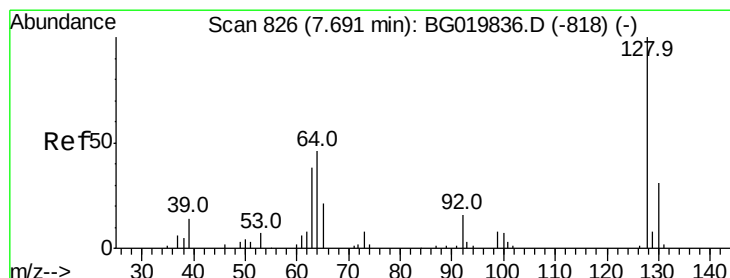
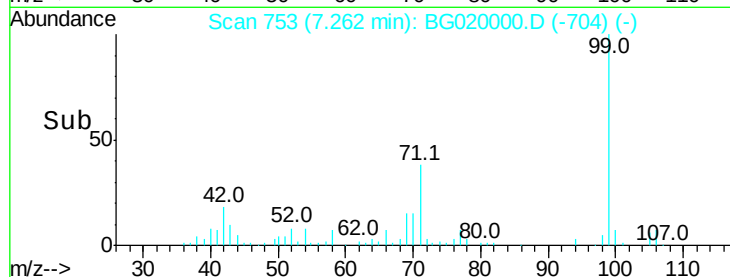
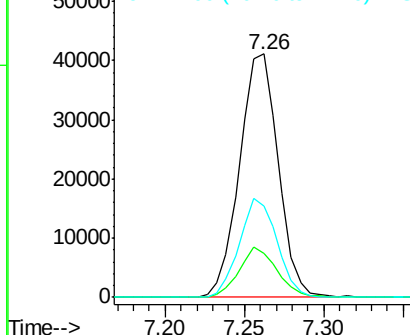
99 100

42 18.1 11.5 17.3#

71 37.8 22.6 34.0#



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 41.20 ng

RT: 7.67 min Scan# 823

Delta R.T. -0.02 min

Lab File: BG020000.D

Acq: 8 Dec 2015 3:21

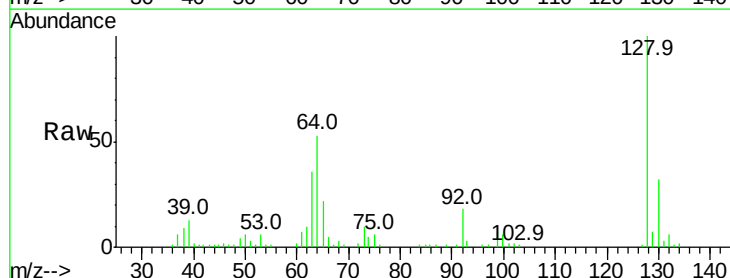
Tgt Ion: 128 Resp: 50223

Ion Ratio Lower Upper

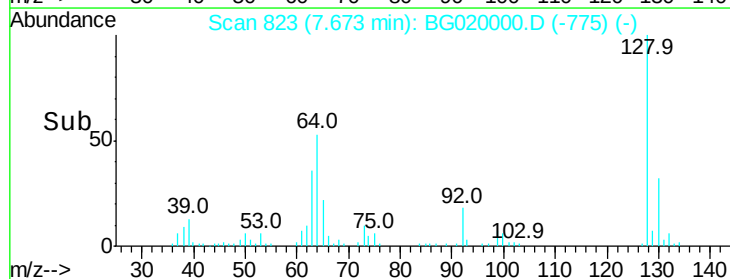
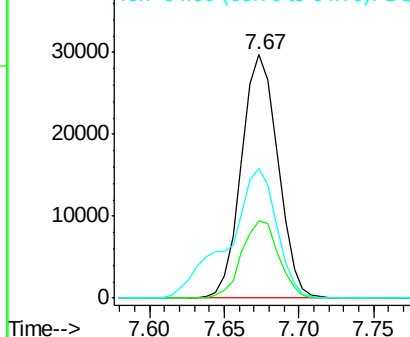
128 100

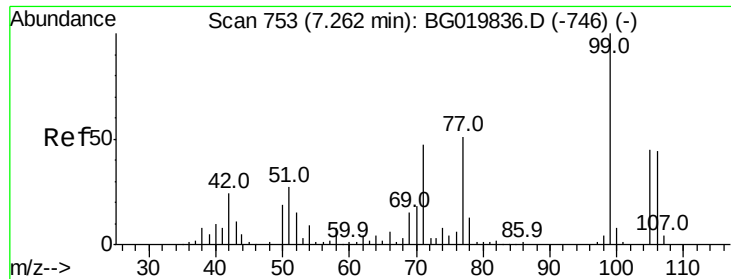
130 31.9 13.0 53.0

64 53.2 28.2 68.2



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 16.46 ng

RT: 7.24 min Scan# 750

Delta R.T. -0.02 min

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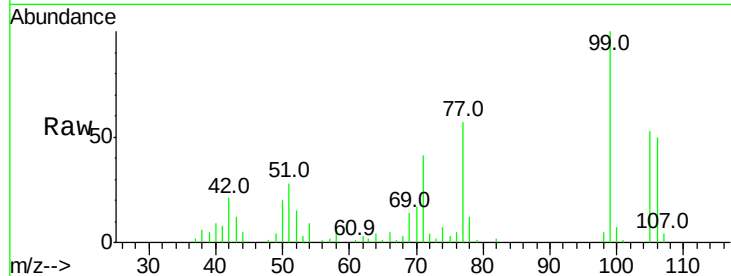
Tot Ion: 77 Resp: 16567

Ion Ratio Lower Upper

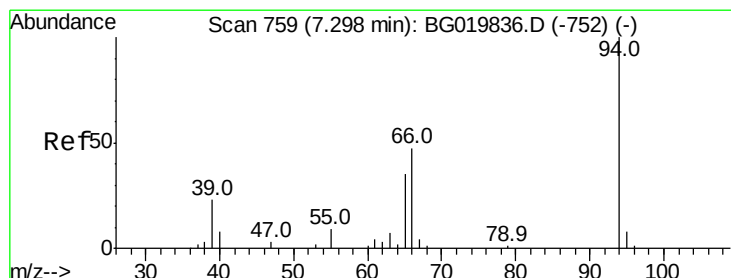
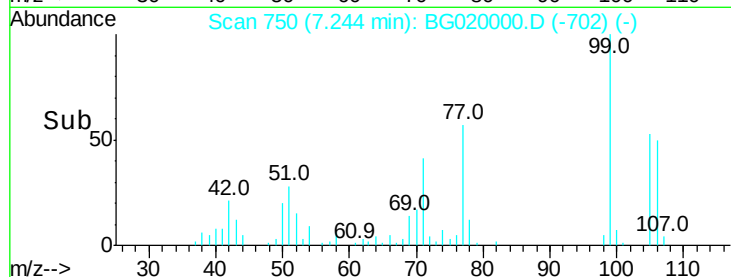
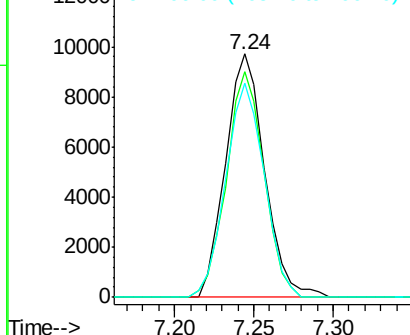
77 100

105 92.5 77.7 117.7

106 88.0 75.8 115.8



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 17.03 ng

RT: 7.29 min Scan# 757

Delta R.T. -0.01 min

Lab File: BG020000.D

Acq: 8 Dec 2015 3:21

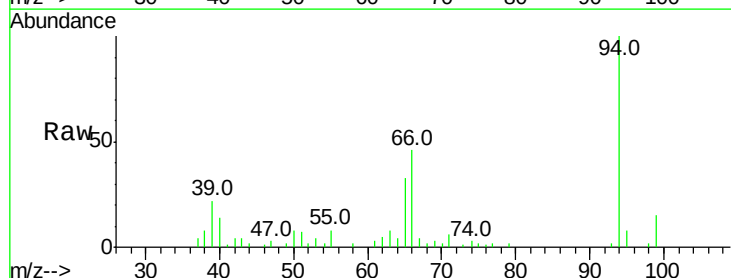
Tgt Ion: 94 Resp: 27059

Ion Ratio Lower Upper

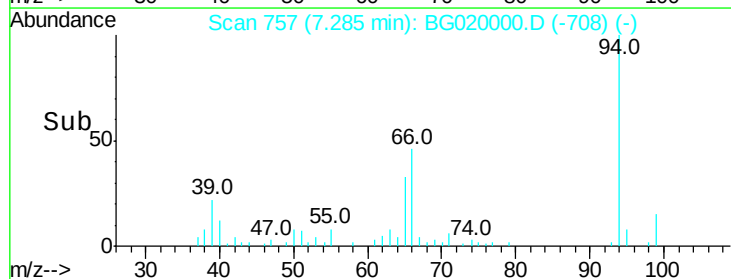
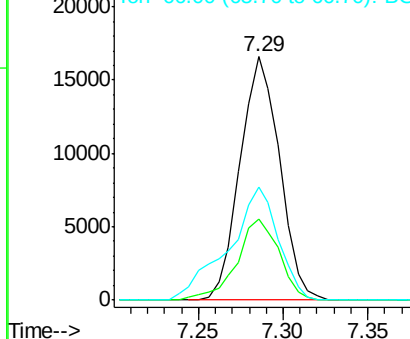
94 100

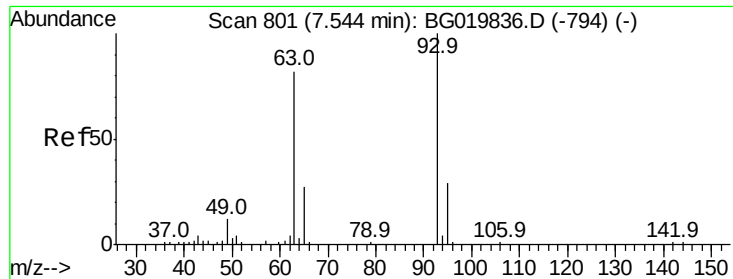
65 33.2 5.4 45.4

66 46.4 11.8 51.8



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

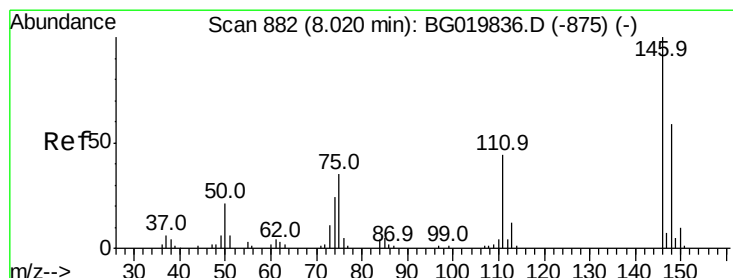
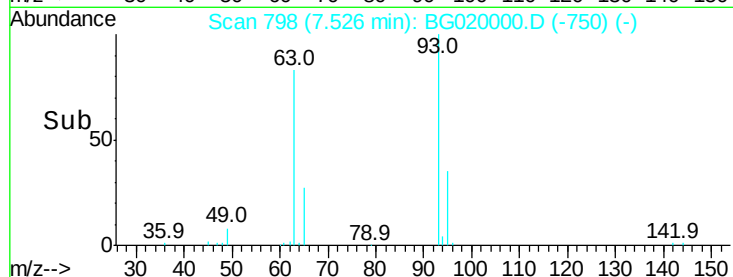
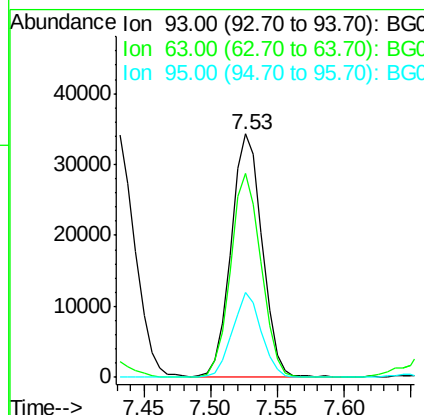
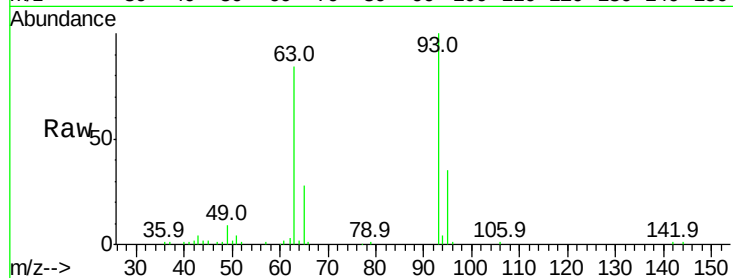




#11
bis(2-Chloroethyl)ether
Concen: 47.44 ng
RT: 7.53 min Scan# 798
Delta R.T. -0.02 min
Lab File: BG020000.D
Acq: 8 Dec 2015 3:21

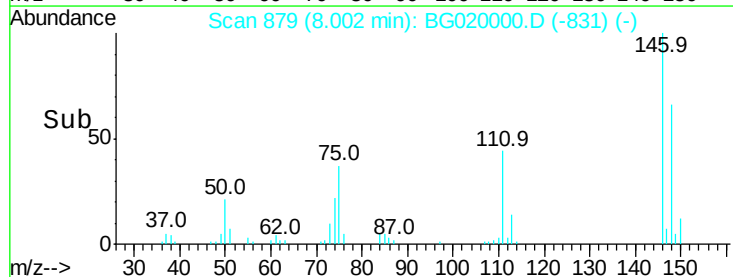
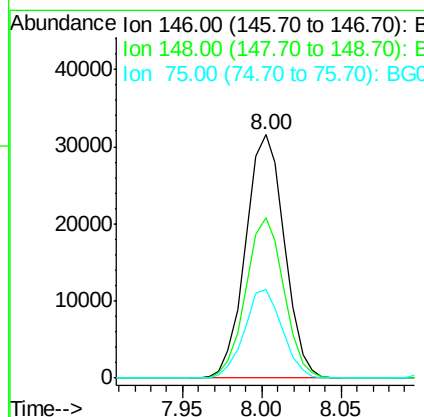
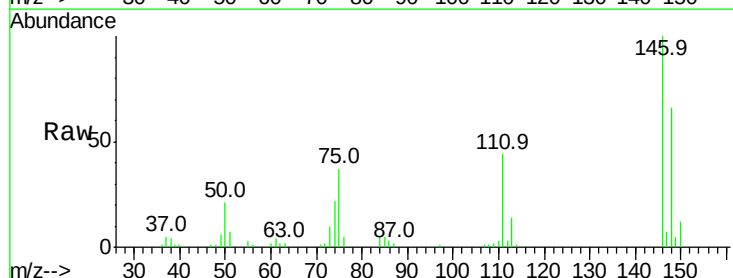
Instrument :
BNA_G
ClientSampleId :
MW-11BMS

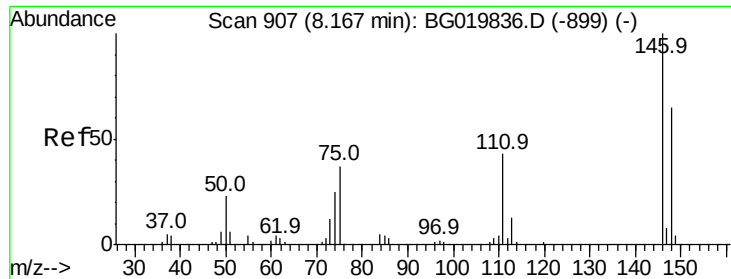
Tot Ion: 93 Resp: 55824
Ion Ratio Lower Upper
93 100
63 83.9 50.5 90.5
95 35.1 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 38.86 ng
RT: 8.00 min Scan# 879
Delta R.T. -0.02 min
Lab File: BG020000.D
Acq: 8 Dec 2015 3:21

Tgt Ion:146 Resp: 53696
Ion Ratio Lower Upper
146 100
148 65.8 53.4 80.0
75 36.6 21.1 31.7#

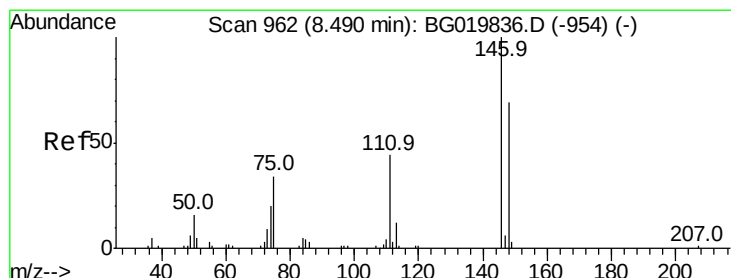
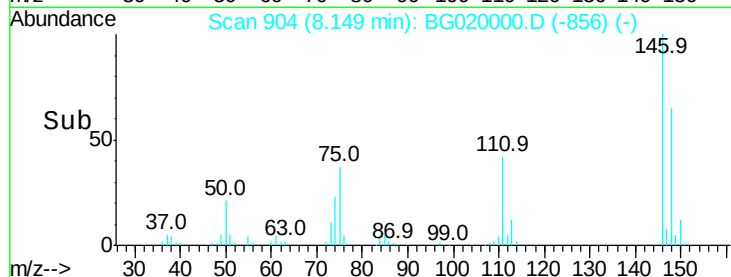
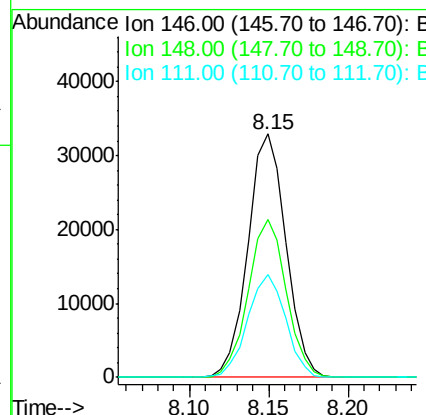
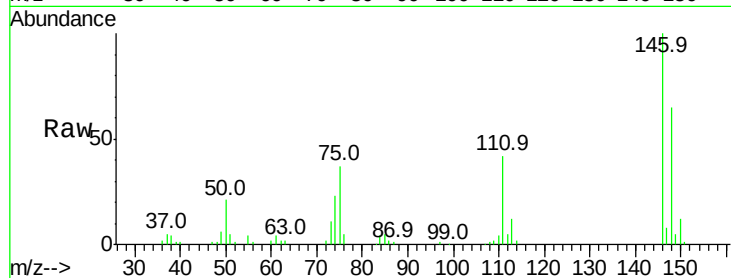




#13
 1,4-Dichlorobenzene
 Concen: 38.48 ng
 RT: 8.15 min Scan# 904
 Delta R.T. -0.02 min
 Lab File: BG020000.D
 Acq: 8 Dec 2015 3:21

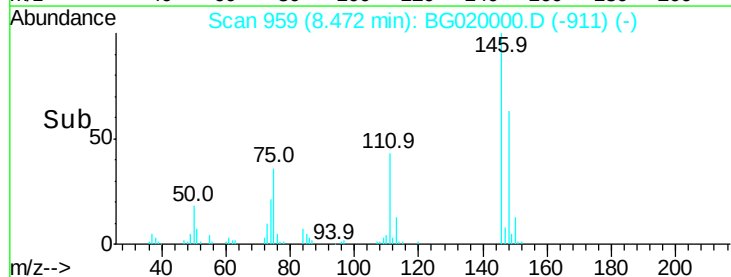
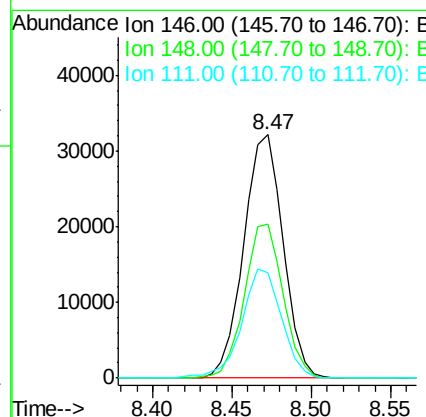
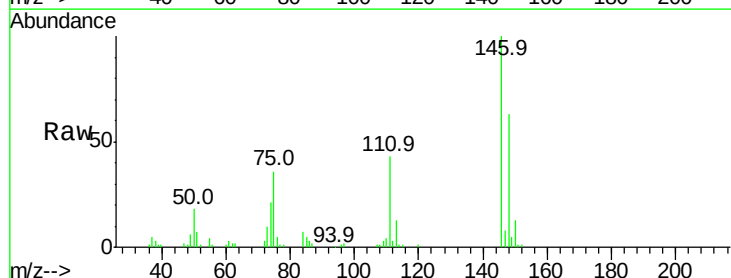
Instrument :
 BNA_G
 ClientSampleId :
 MW-11BMS

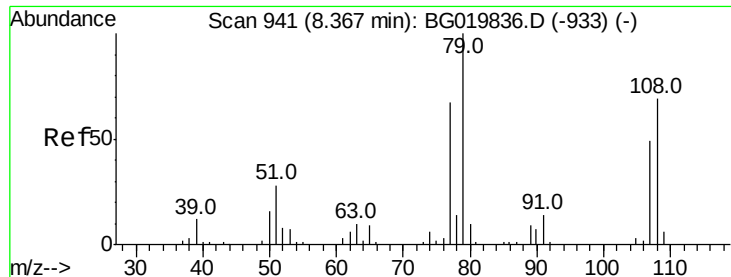
Tot Ion:146 Resp: 54913
 Ion Ratio Lower Upper
 146 100
 148 64.6 52.5 78.7
 111 42.5 28.3 42.5



#14
 1,2-Dichlorobenzene
 Concen: 40.75 ng
 RT: 8.47 min Scan# 959
 Delta R.T. -0.02 min
 Lab File: BG020000.D
 Acq: 8 Dec 2015 3:21

Tgt Ion:146 Resp: 55472
 Ion Ratio Lower Upper
 146 100
 148 63.3 52.5 78.7
 111 43.1 29.9 44.9





#15

Benzyl Alcohol

Concen: 32.39 ng

RT: 8.35 min Scan# 938

Delta R.T. -0.02 min

Lab File: BG020000.D

Acq: 8 Dec 2015 3:21

Instrument :

BNA_G

ClientSampleId :

MW-11BMS

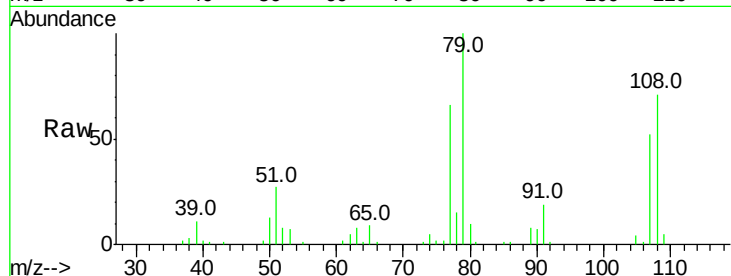
Tot Ion: 79 Resp: 42906

Ion Ratio Lower Upper

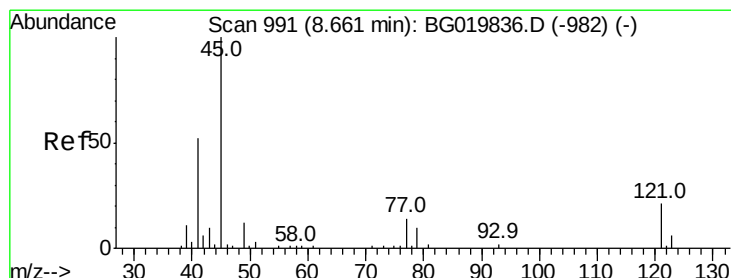
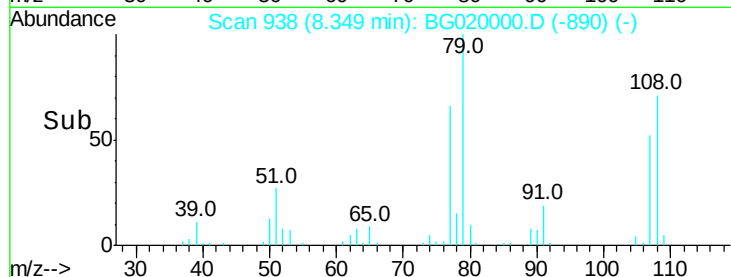
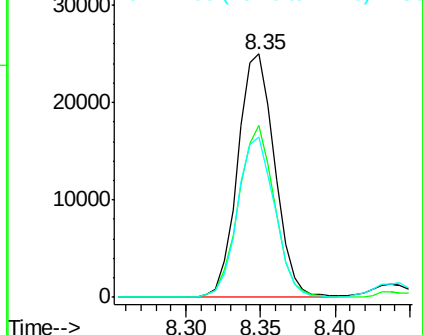
79 100

108 70.6 65.5 98.3

77 66.0 51.3 76.9



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.67 ng

RT: 8.64 min Scan# 988

Delta R.T. -0.02 min

Lab File: BG020000.D

Acq: 8 Dec 2015 3:21

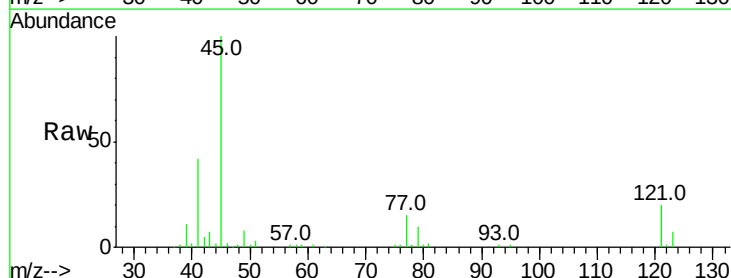
Tgt Ion: 45 Resp: 83799

Ion Ratio Lower Upper

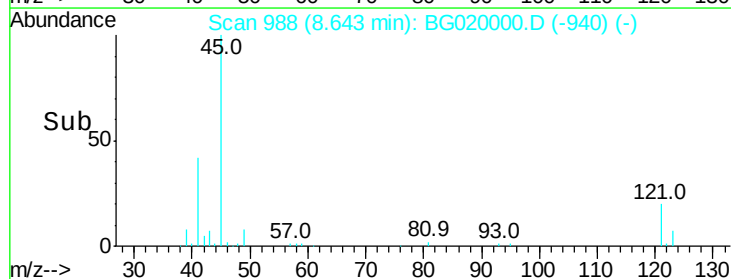
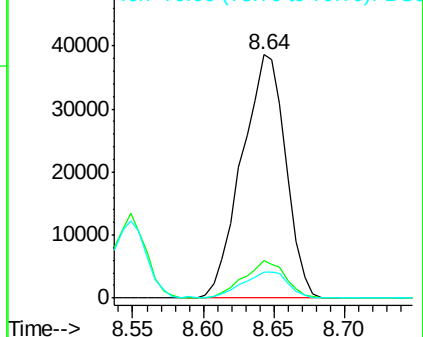
45 100

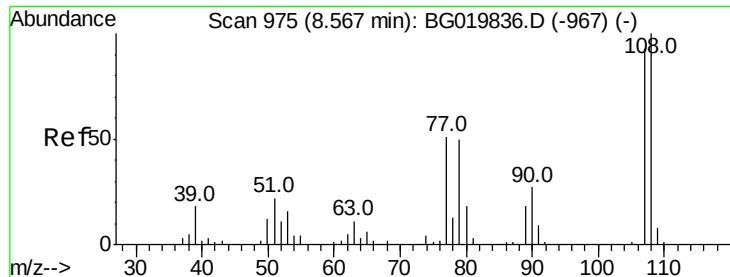
77 15.4 0.0 37.0

79 10.5 0.0 33.8



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





#17

2-Methylphenol

Concen: 34.94 ng

RT: 8.55 min Scan# 972

Delta R.T. -0.02 min

Lab File: BG020000.D

Acq: 8 Dec 2015 3:21

Instrument :

BNA_G

ClientSampleId :

MW-11BMS

Tot Ion:107 Resp: 39190

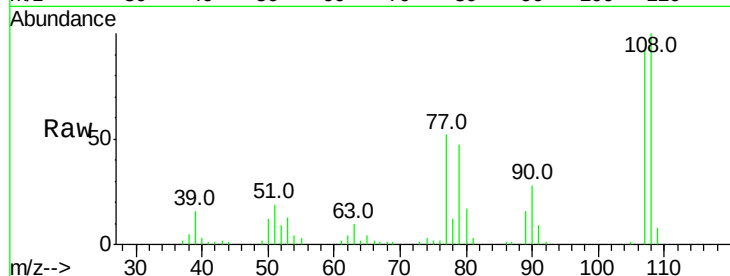
Ion Ratio Lower Upper

107 100

108 108.5 86.5 129.7

77 56.2 34.6 51.8#

79 50.9 32.3 48.5#

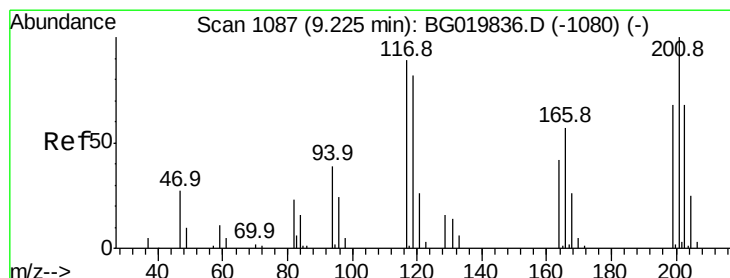
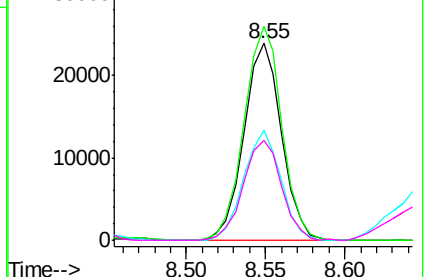
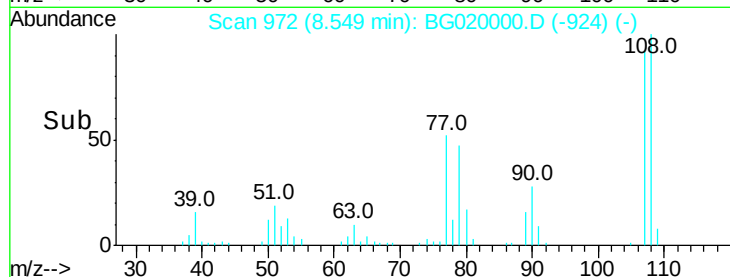


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 38.05 ng

RT: 9.21 min Scan# 1084

Delta R.T. -0.02 min

Lab File: BG020000.D

Acq: 8 Dec 2015 3:21

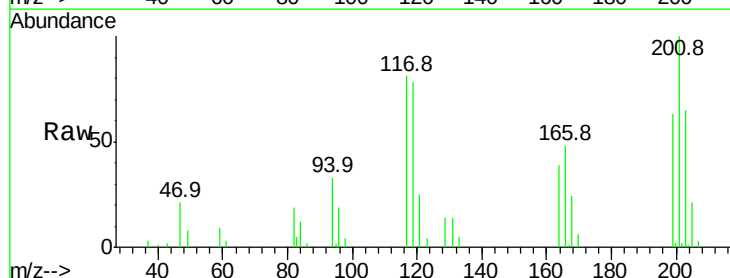
Tgt Ion:117 Resp: 20334

Ion Ratio Lower Upper

117 100

119 95.8 71.7 107.5

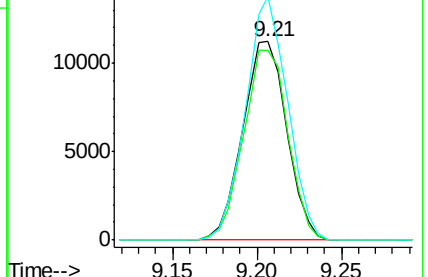
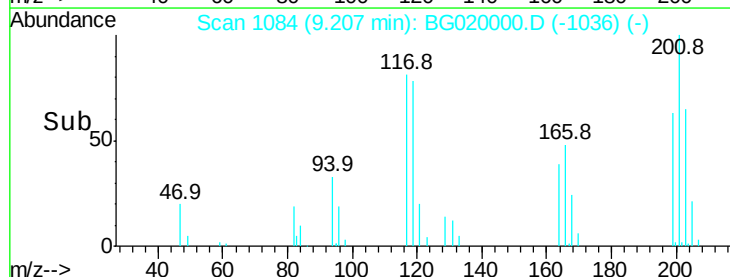
201 122.8 90.9 136.3

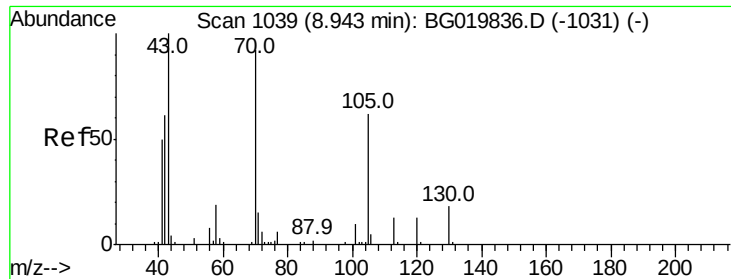


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

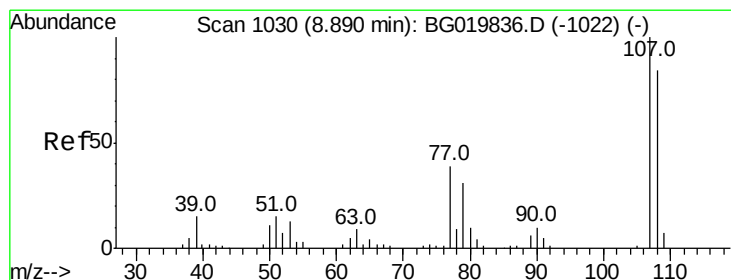
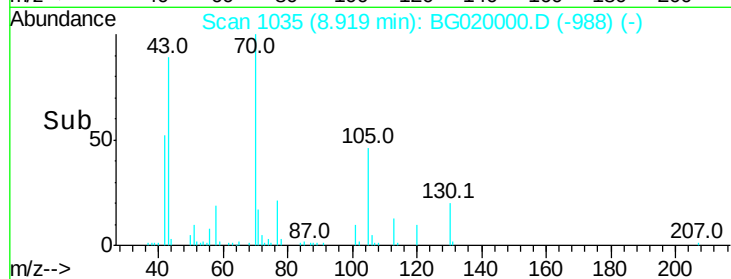
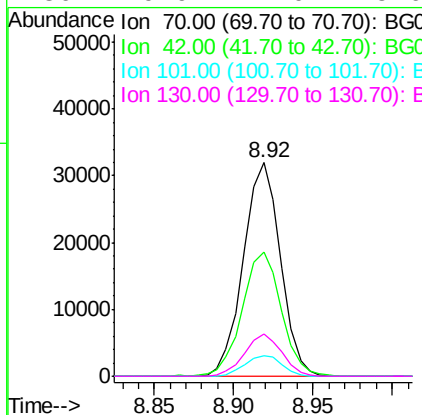
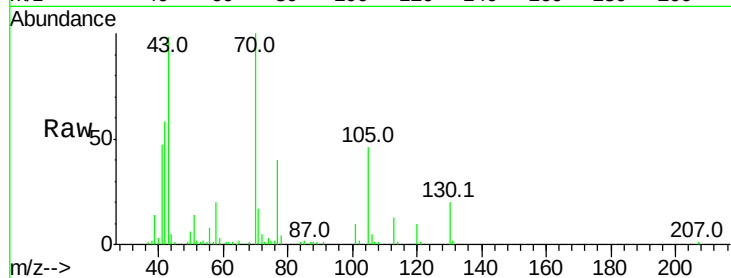




#19
n-Nitroso-di-n-propylamine
Concen: 43.68 ng
RT: 8.92 min Scan# 1035
Delta R.T. -0.02 min
Lab File: BG020000.D
Acq: 8 Dec 2015 3:21

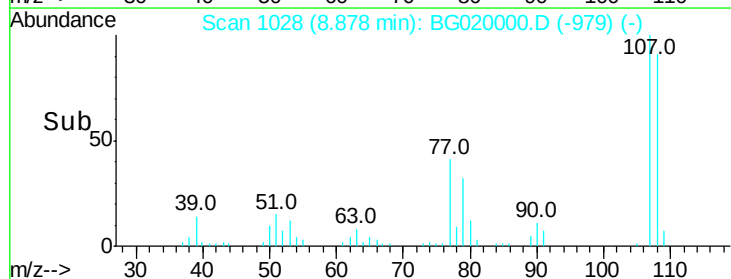
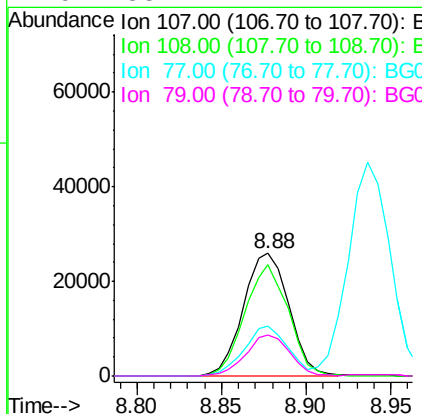
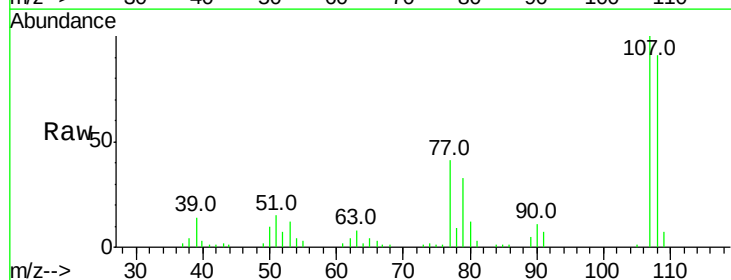
Instrument :
BNA_G
ClientSampleId :
MW-11BMS

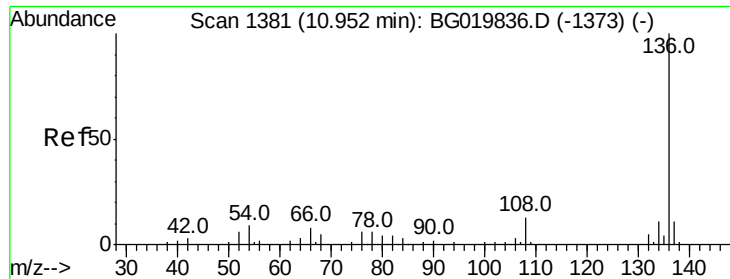
Tot Ion:	70	Resp:	52001
Ion	Ratio	Lower	Upper
70	100		
42	58.4	40.6	60.8
101	9.8	8.6	13.0
130	19.9	17.0	25.6



#20
3+4-Methylphenols
Concen: 30.75 ng
RT: 8.88 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG020000.D
Acq: 8 Dec 2015 3:21

Tgt Ion:	107	Resp:	48572
Ion	Ratio	Lower	Upper
107	100		
108	90.7	72.2	112.2
77	40.7	13.4	53.4
79	33.2	7.2	47.2

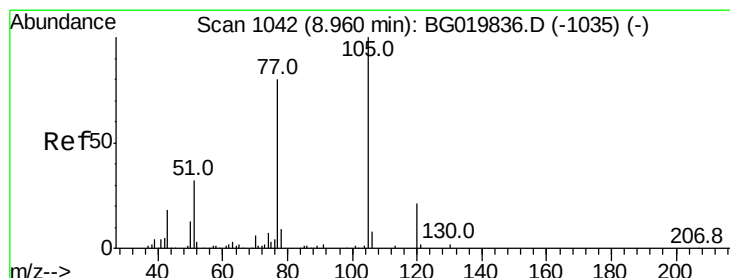
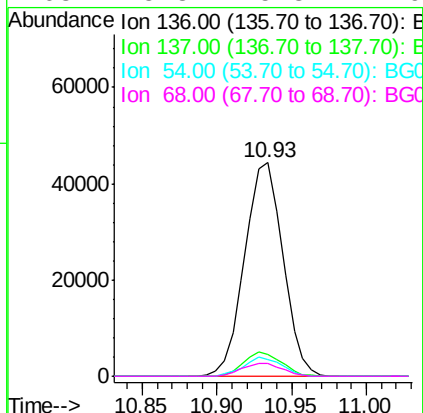
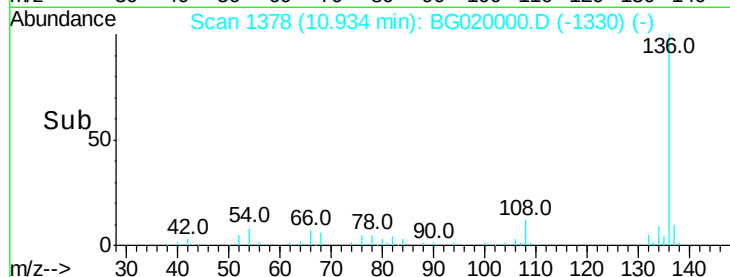
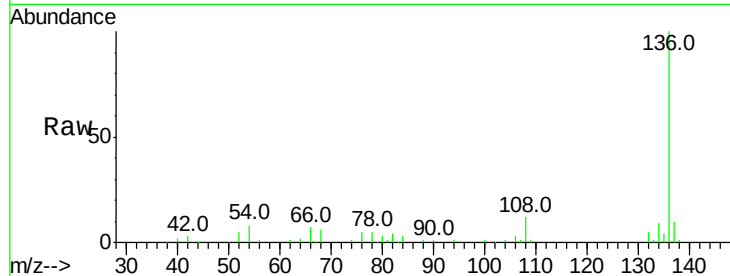




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1378
Delta R.T. -0.02 min
Lab File: BG020000.D
Acq: 8 Dec 2015 3:21

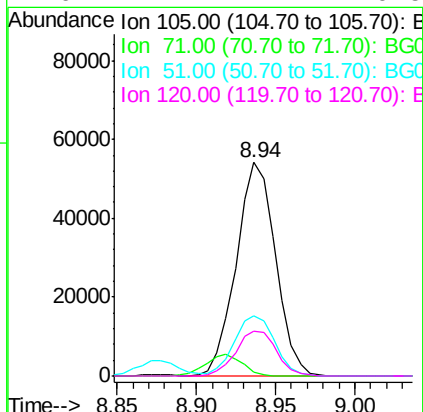
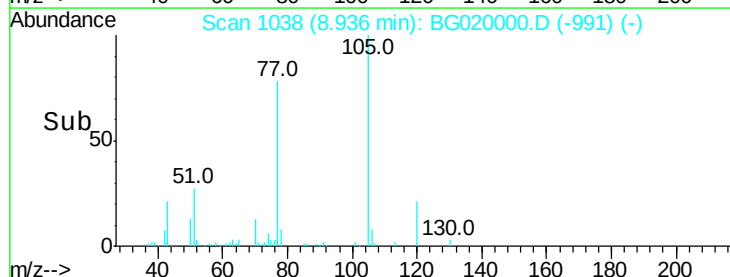
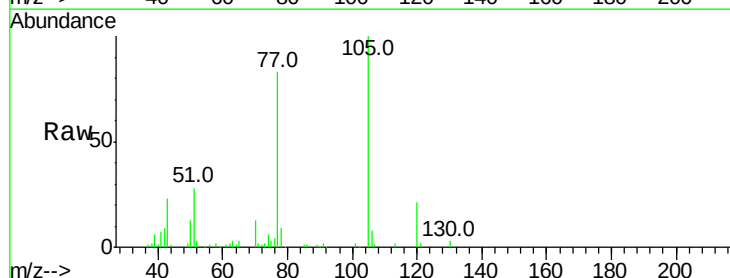
Instrument :
BNA_G
ClientSampleId :
MW-11BMS

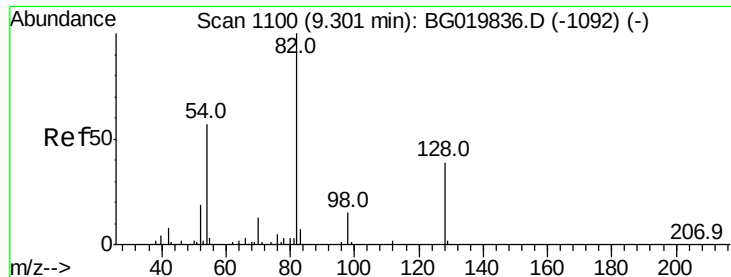
Tot Ion:136	Resp:	78928
Ion Ratio	Lower	Upper
136	100	
137	10.4	8.6 12.8
54	7.8	5.4 8.2
68	5.8	5.3 7.9



#22
Acetophenone
Concen: 43.04 ng
RT: 8.94 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BG020000.D
Acq: 8 Dec 2015 3:21

Tgt Ion:105	Resp:	93119
Ion Ratio	Lower	Upper
105	100	
71	1.8	2.1 3.1#
51	28.3	17.8 26.8#
120	21.2	17.7 26.5

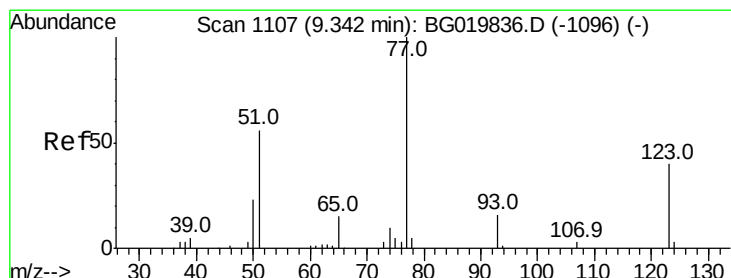
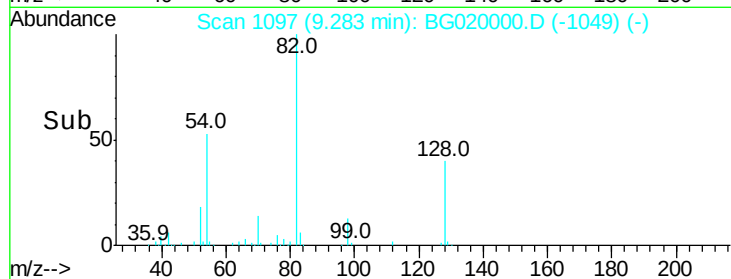
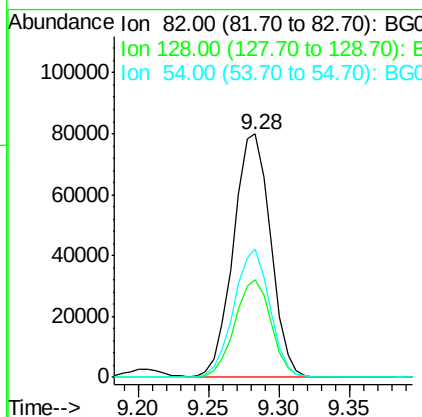
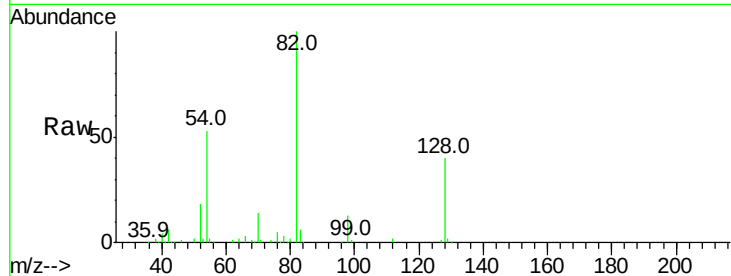




#23
 Nitrobenzene-d5
 Concen: 95.37 ng
 RT: 9.28 min Scan# 1097
 Delta R.T. -0.02 min
 Lab File: BG020000.D
 Acq: 8 Dec 2015 3:21

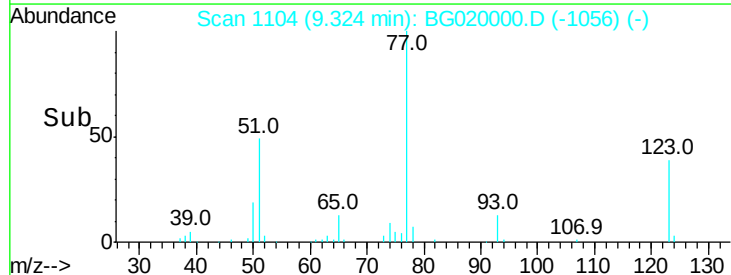
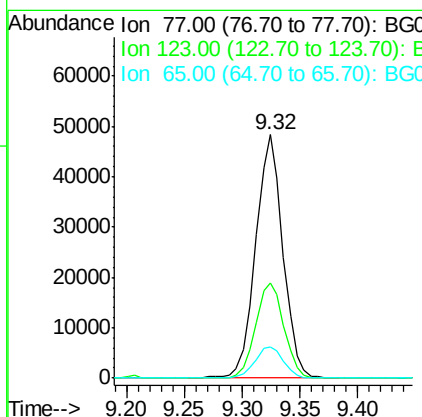
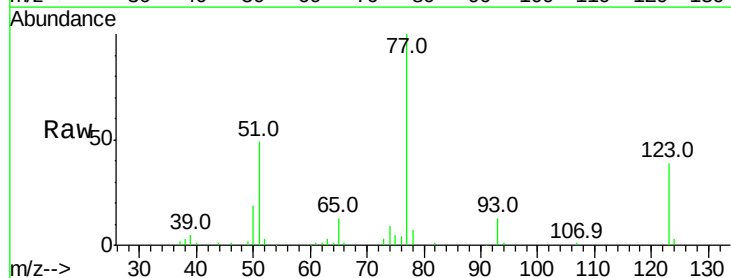
Instrument :
 BNA_G
 ClientSampleId :
 MW-11BMS

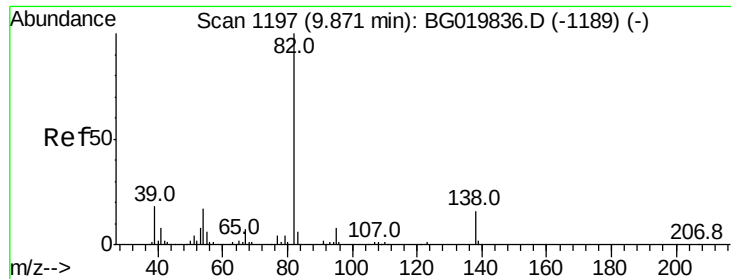
Tot Ion: 82 Resp: 147494
 Ion Ratio Lower Upper
 82 100
 128 40.0 36.7 55.1
 54 52.8 33.8 50.8#



#24
 Nitrobenzene
 Concen: 47.37 ng
 RT: 9.32 min Scan# 1104
 Delta R.T. -0.02 min
 Lab File: BG020000.D
 Acq: 8 Dec 2015 3:21

Tgt Ion: 77 Resp: 79459
 Ion Ratio Lower Upper
 77 100
 123 38.8 38.2 57.2
 65 12.7 10.6 16.0





#25

Isophorone

Concen: 42.92 ng

RT: 9.85 min Scan# 1193

Delta R.T. -0.02 min

Lab File: BG020000.D

Acq: 8 Dec 2015 3:21

Instrument :

BNA_G

ClientSampleId :

MW-11BMS

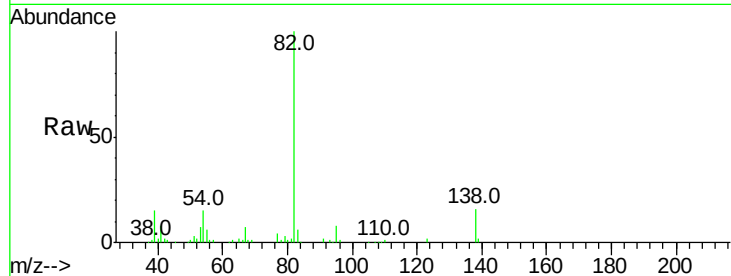
Tot Ion: 82 Resp: 142321

Ion Ratio Lower Upper

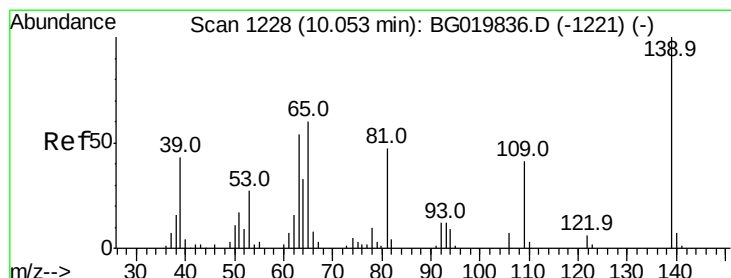
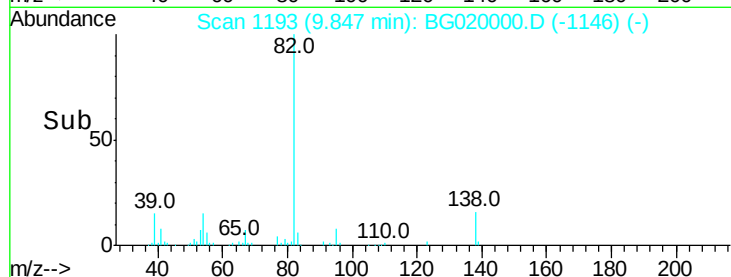
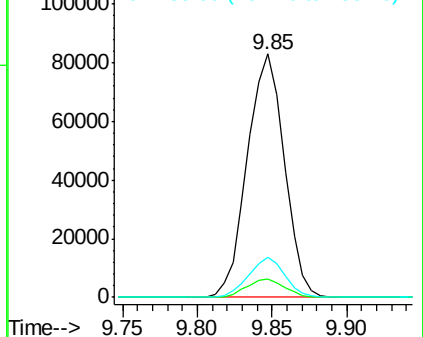
82 100

95 7.7 5.2 7.8

138 16.5 14.4 21.6



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



#26

2-Nitrophenol

Concen: 50.82 ng

RT: 10.04 min Scan# 1225

Delta R.T. -0.02 min

Lab File: BG020000.D

Acq: 8 Dec 2015 3:21

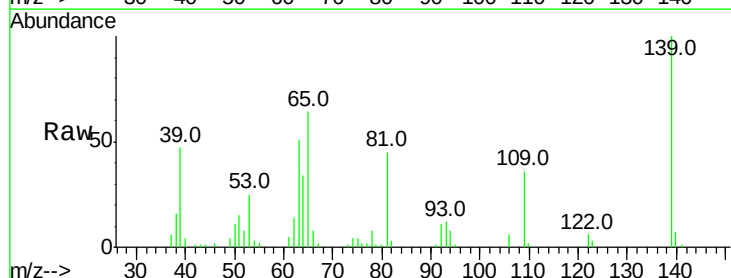
Tgt Ion:139 Resp: 32927

Ion Ratio Lower Upper

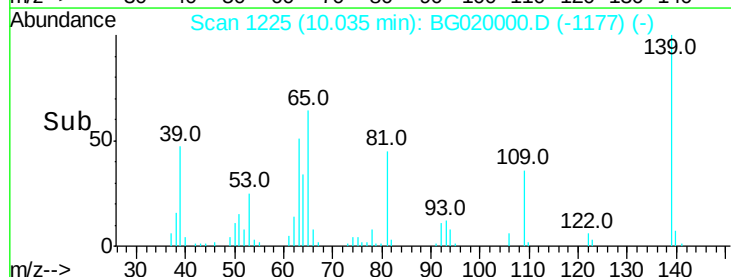
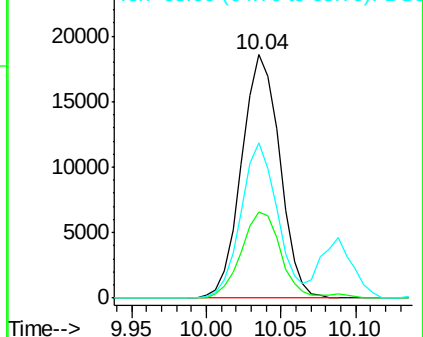
139 100

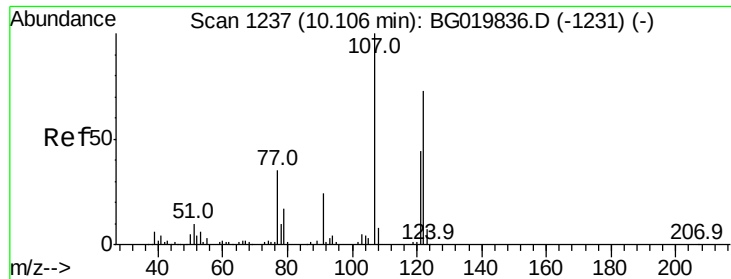
109 35.6 20.1 30.1#

65 64.0 34.1 51.1#



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





#27

2,4-Dimethylphenol

Concen: 42.36 ng

RT: 10.09 min Scan# 1234

Delta R.T. -0.02 min

Lab File: BG020000.D

Acq: 8 Dec 2015 3:21

Instrument :

BNA_G

ClientSampleId :

MW-11BMS

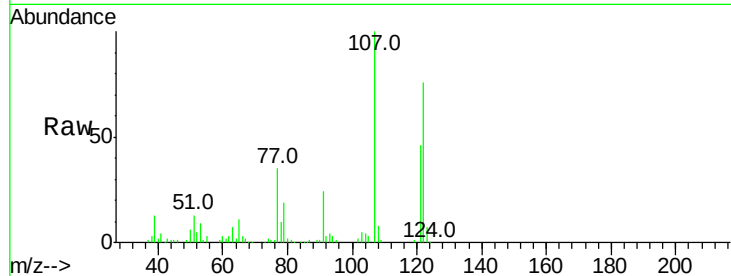
Tot Ion:122 Resp: 57160

Ion Ratio Lower Upper

122 100

107 131.9 91.6 137.4

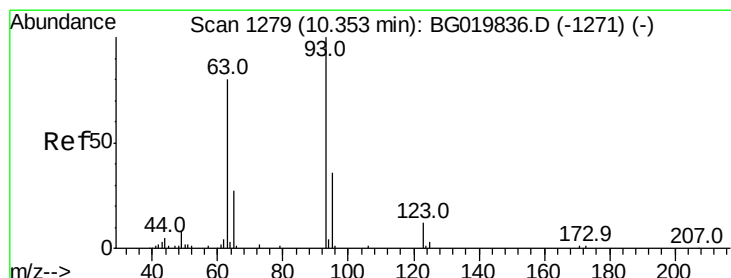
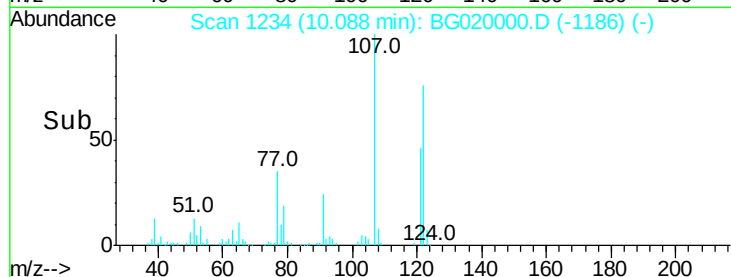
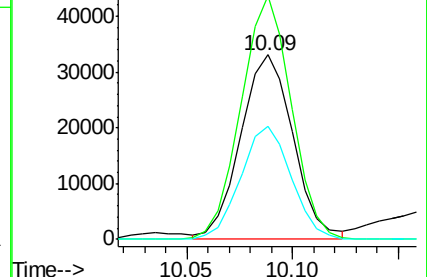
121 61.0 47.3 70.9



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: 50.01 ng

RT: 10.33 min Scan# 1275

Delta R.T. -0.02 min

Lab File: BG020000.D

Acq: 8 Dec 2015 3:21

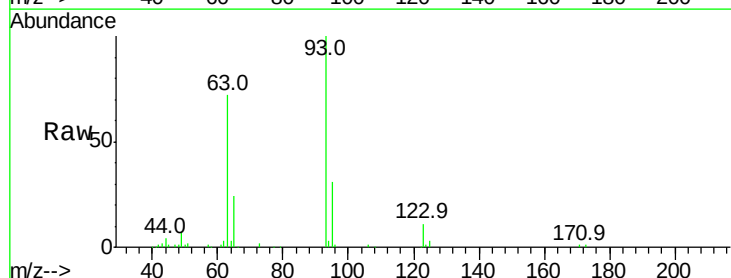
Tgt Ion: 93 Resp: 81025

Ion Ratio Lower Upper

93 100

95 31.1 25.7 38.5

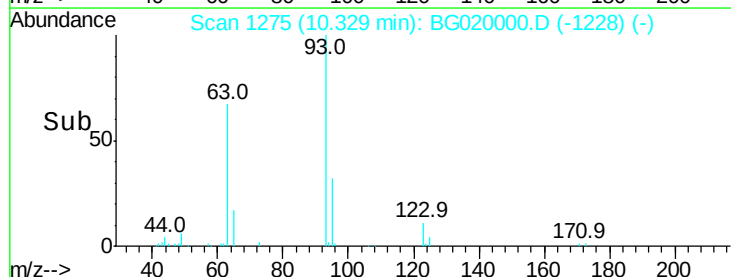
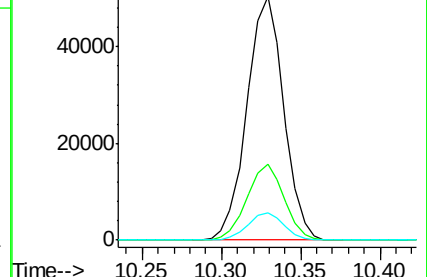
123 11.0 8.6 12.8

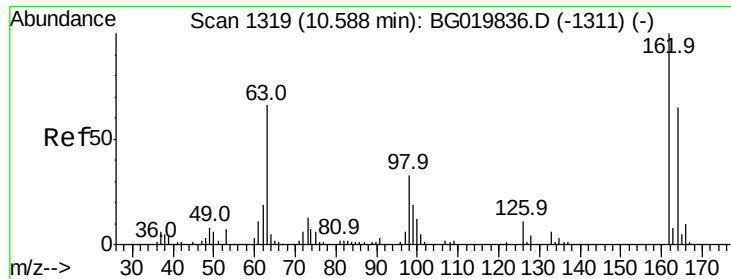


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

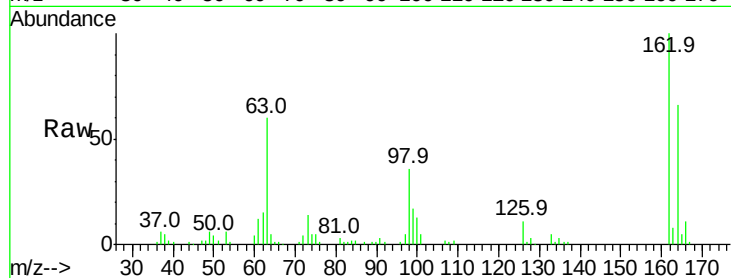




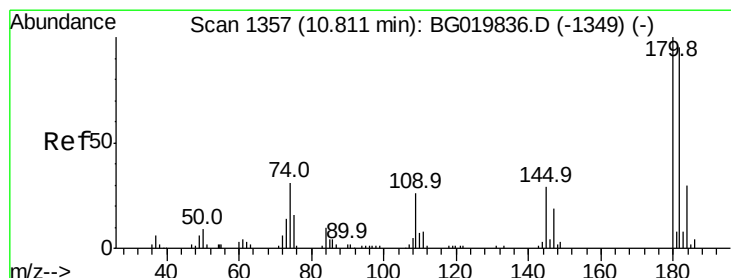
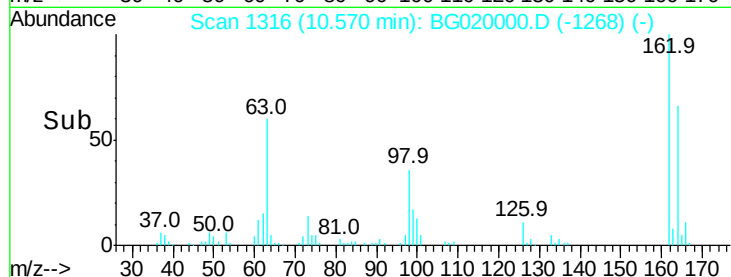
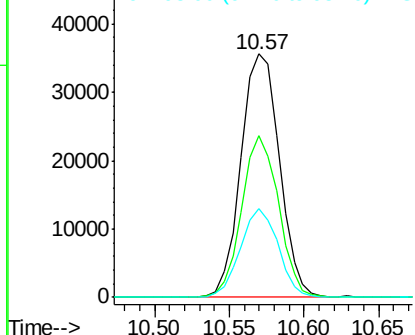
#29
2,4-Dichlorophenol
Concen: 46.24 ng
RT: 10.57 min Scan# 1316
Delta R.T. -0.02 min
Lab File: BG020000.D
Acq: 8 Dec 2015 3:21

Instrument :
BNA_G
ClientSampleId :
MW-11BMS

Tot Ion:162 Resp: 63733
Ion Ratio Lower Upper
162 100
164 66.4 42.3 82.3
98 36.2 11.5 51.5

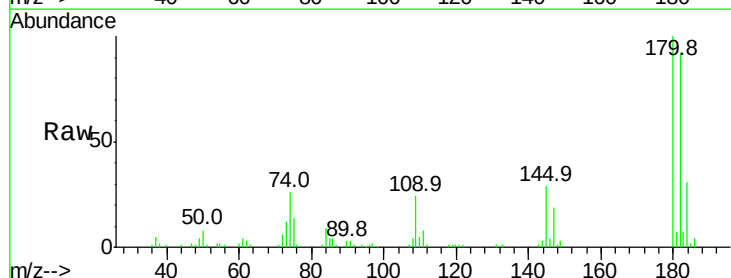


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

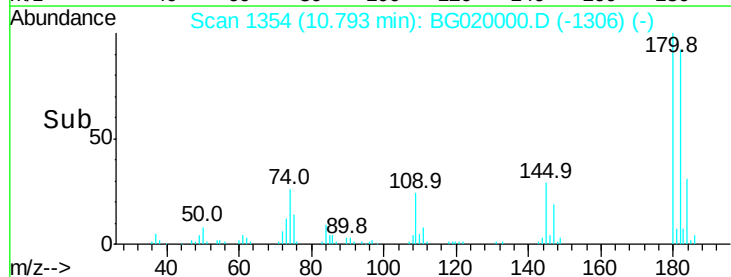
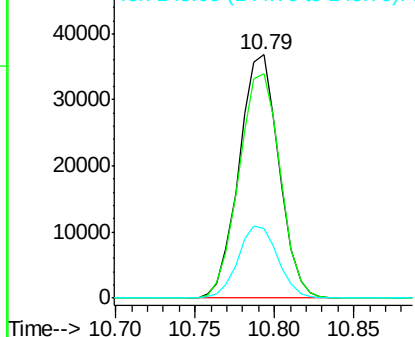


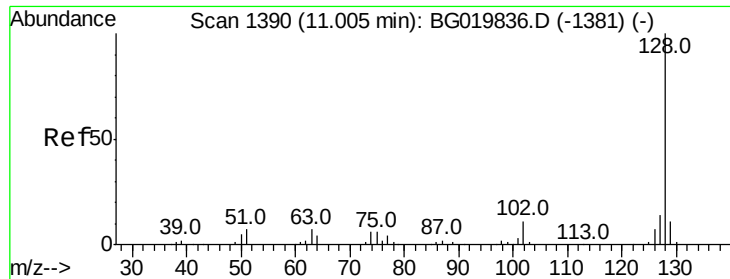
#30
1,2,4-Trichlorobenzene
Concen: 41.14 ng
RT: 10.79 min Scan# 1354
Delta R.T. -0.02 min
Lab File: BG020000.D
Acq: 8 Dec 2015 3:21

Tgt Ion:180 Resp: 64085
Ion Ratio Lower Upper
180 100
182 92.3 79.7 119.5
145 28.8 22.0 33.0



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 44.37 ng

RT: 10.98 min Scan# 1386

Delta R.T. -0.02 min

Lab File: BG020000.D

Acq: 8 Dec 2015 3:21

Instrument :

BNA_G

ClientSampleId :

MW-11BMS

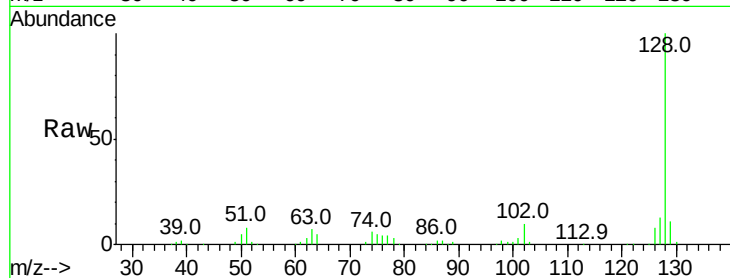
Tot Ion:128 Resp: 187612

Ion Ratio Lower Upper

128 100

129 11.0 8.5 12.7

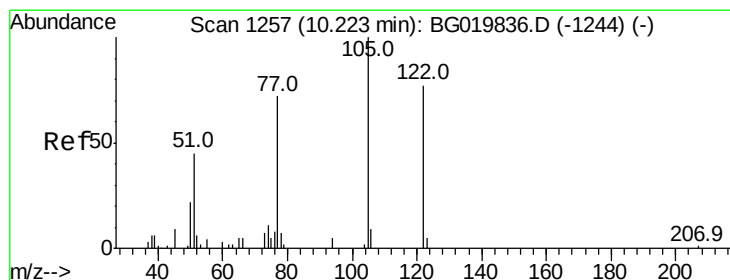
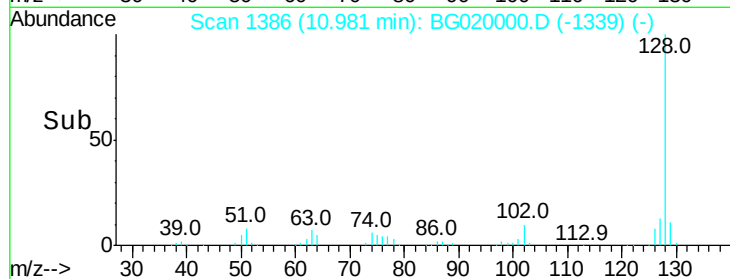
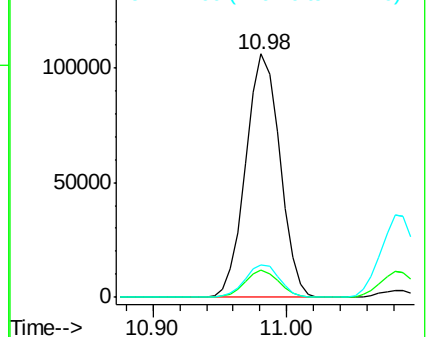
127 13.2 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 20.37 ng

RT: 10.16 min Scan# 1247

Delta R.T. -0.06 min

Lab File: BG020000.D

Acq: 8 Dec 2015 3:21

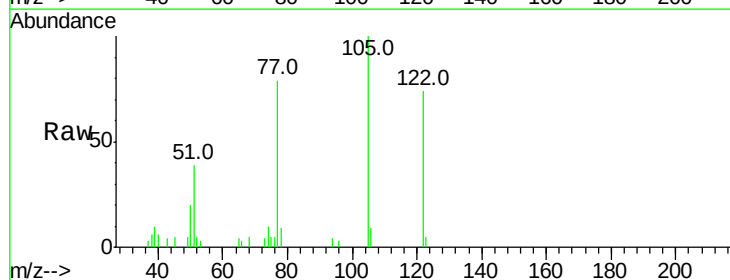
Tgt Ion:122 Resp: 14928

Ion Ratio Lower Upper

122 100

105 136.0 103.8 143.8

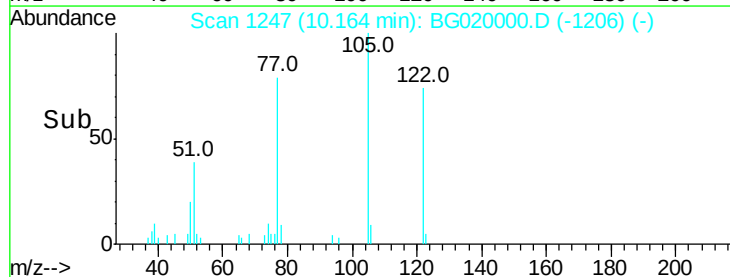
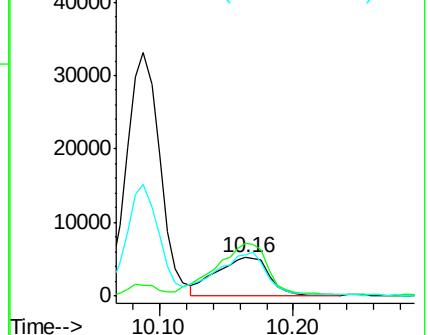
77 107.2 68.8 108.8

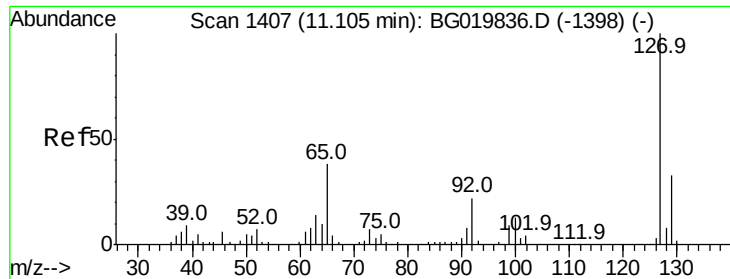


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

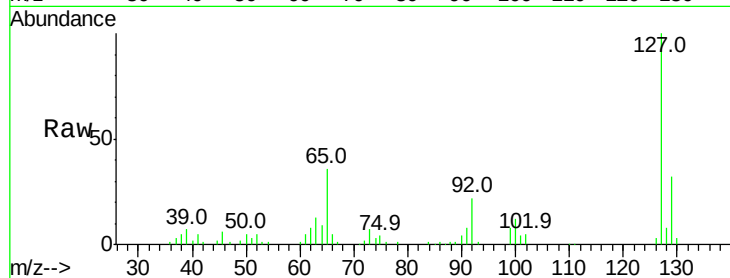




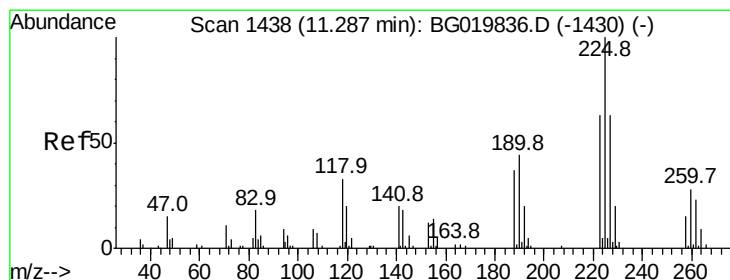
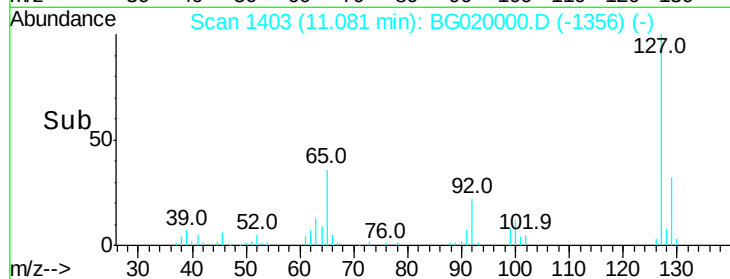
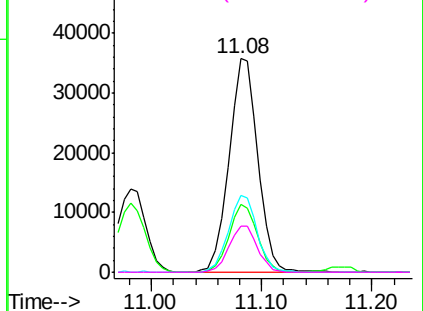
#33
4-Chloroaniline
Concen: 34.96 ng
RT: 11.08 min Scan# 1403
Delta R.T. -0.02 min
Lab File: BG020000.D
Acq: 8 Dec 2015 3:21

Instrument :
BNA_G
ClientSampleId :
MW-11BMS

Tot Ion:127 Resp: 65135
Ion Ratio Lower Upper
127 100
129 31.5 24.6 37.0
65 36.2 22.6 33.8#
92 21.5 15.1 22.7

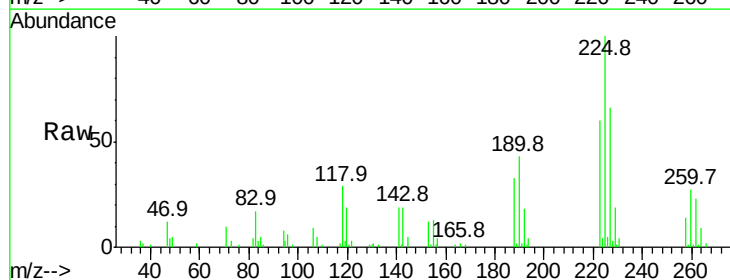


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

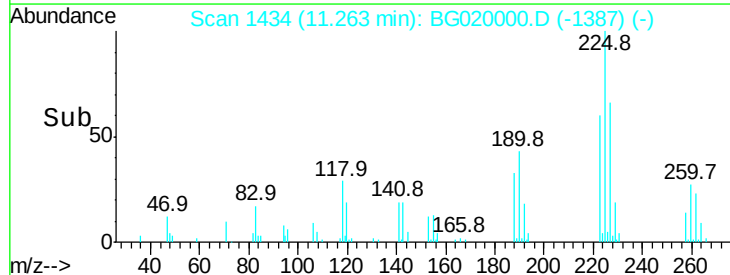
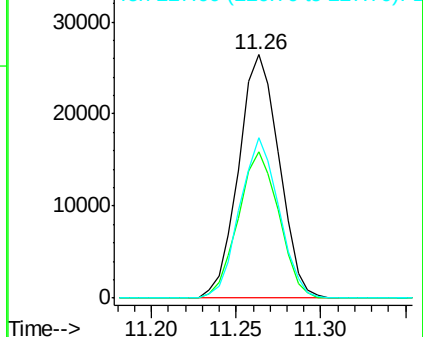


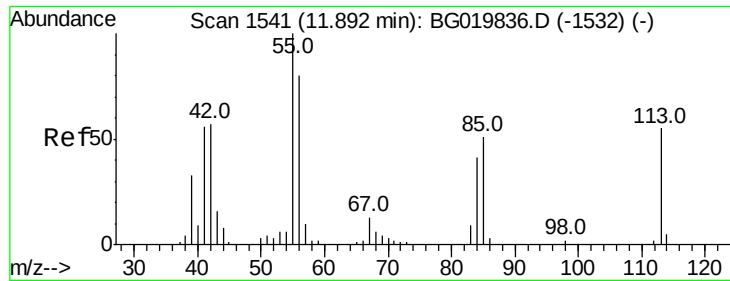
#34
Hexachlorobutadiene
Concen: 38.48 ng
RT: 11.26 min Scan# 1434
Delta R.T. -0.02 min
Lab File: BG020000.D
Acq: 8 Dec 2015 3:21

Tgt Ion:225 Resp: 44211
Ion Ratio Lower Upper
225 100
223 60.4 51.0 76.4
227 68.7 51.8 77.8



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

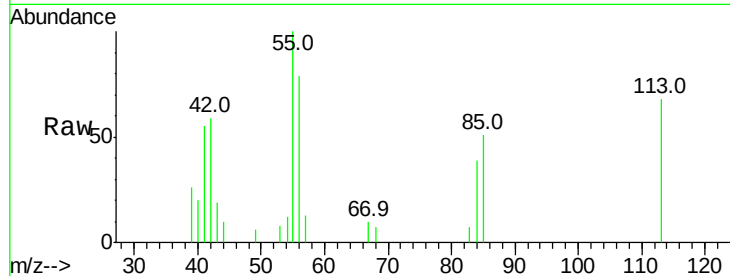




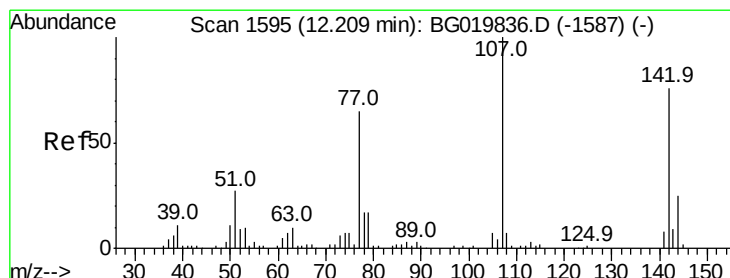
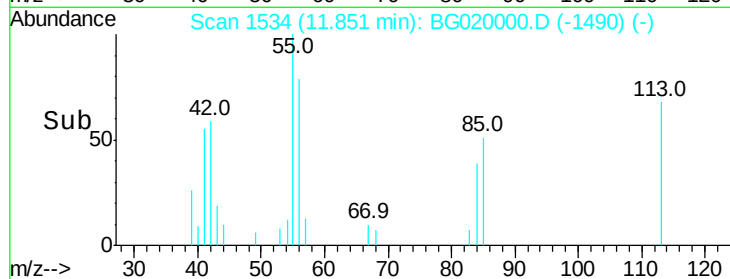
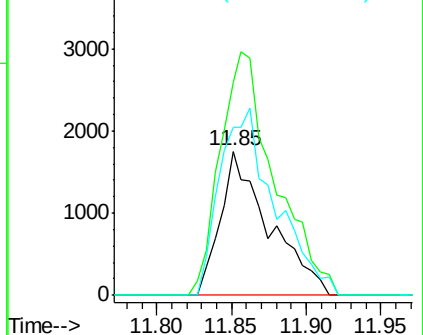
#35
 Caprolactam
 Concen: 7.83 ng
 RT: 11.85 min Scan# 1534
 Delta R.T. -0.04 min
 Lab File: BG020000.D
 Acq: 8 Dec 2015 3:21

Instrument :
 BNA_G
 ClientSampleId :
 MW-11BMS

Tot Ion:113 Resp: 4016
 Ion Ratio Lower Upper
 113 100
 55 148.1 135.0 175.0
 56 116.7 83.4 123.4

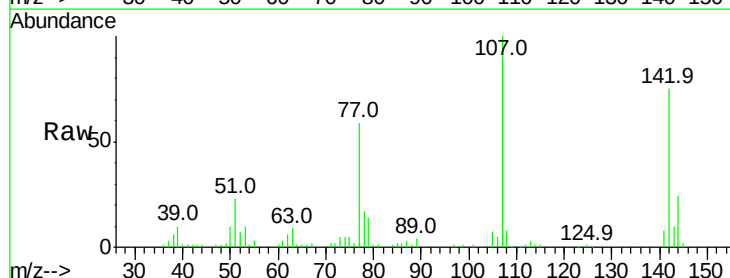


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BG
 Ion 56.00 (55.70 to 56.70): BG

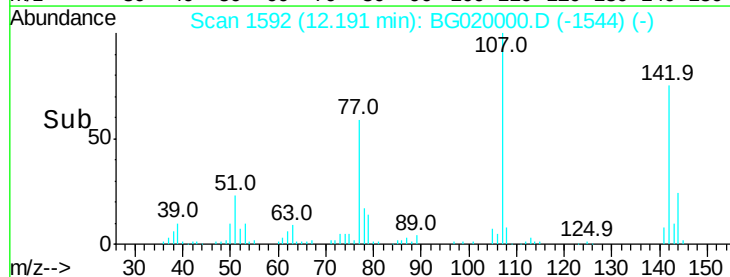
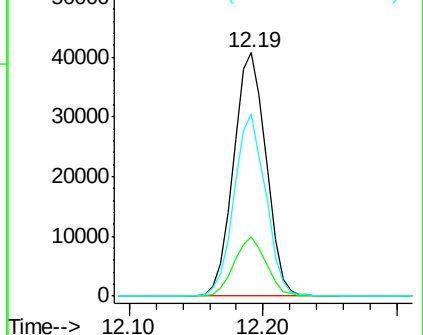


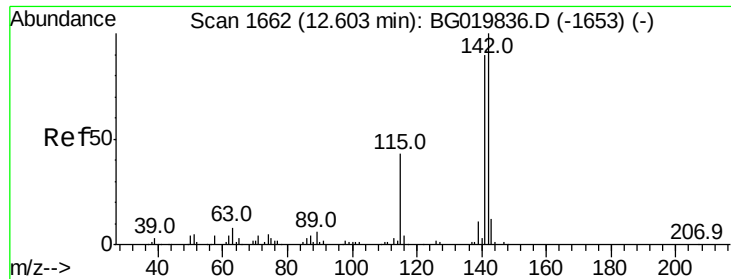
#36
 4-Chloro-3-methylphenol
 Concen: 39.99 ng
 RT: 12.19 min Scan# 1592
 Delta R.T. -0.02 min
 Lab File: BG020000.D
 Acq: 8 Dec 2015 3:21

Tgt Ion:107 Resp: 68647
 Ion Ratio Lower Upper
 107 100
 144 24.4 20.6 31.0
 142 74.9 62.6 93.8



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

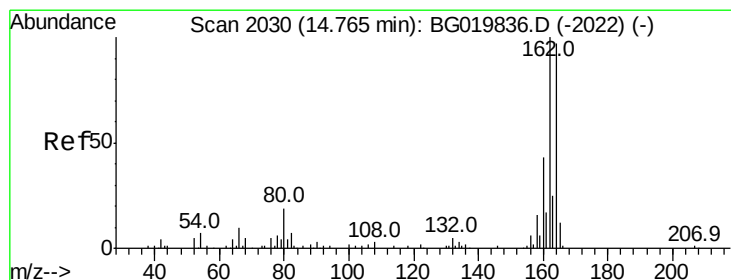
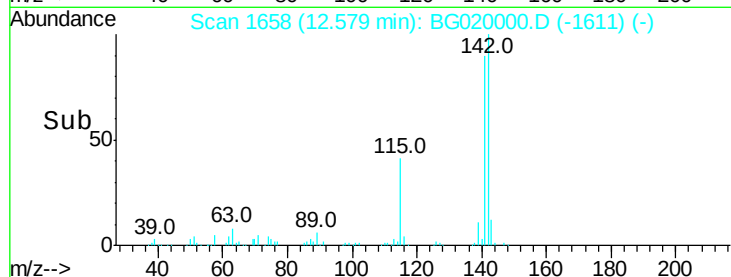
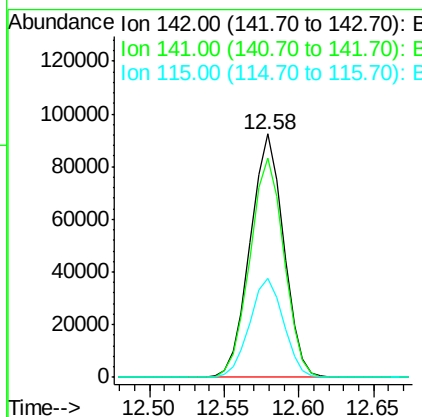
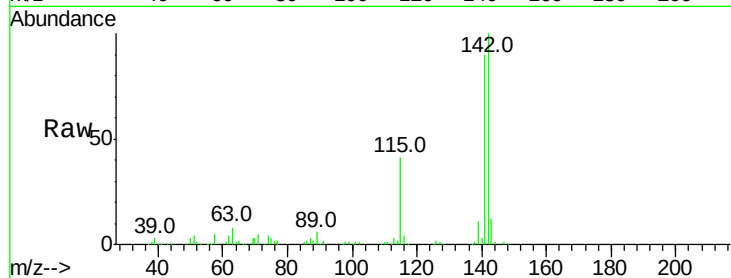




#37
2-Methylnaphthalene
Concen: 46.23 ng
RT: 12.58 min Scan# 1658
Delta R.T. -0.02 min
Lab File: BG020000.D
Acq: 8 Dec 2015 3:21

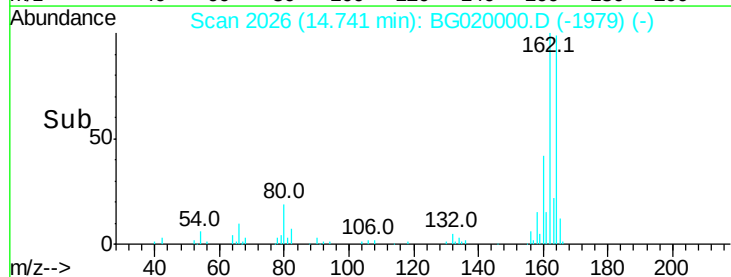
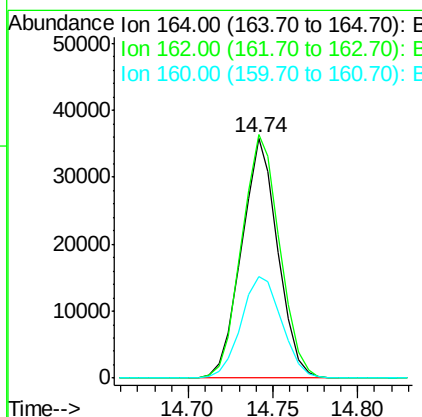
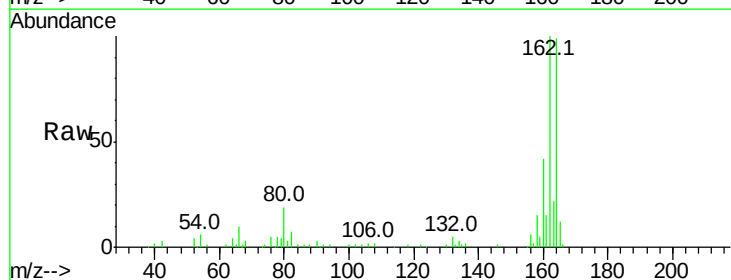
Instrument :
BNA_G
ClientSampleId :
MW-11BMS

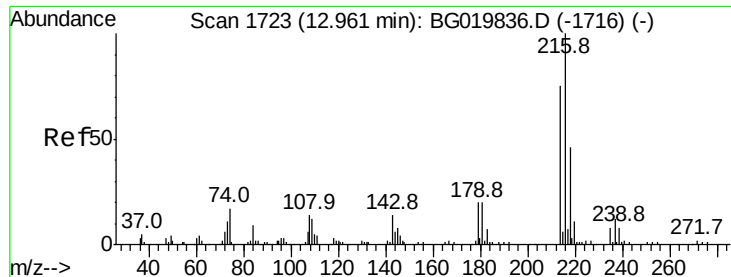
Tot Ion:142 Resp: 143245
Ion Ratio Lower Upper
142 100
141 90.1 74.6 112.0
115 40.5 27.4 41.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BG020000.D
Acq: 8 Dec 2015 3:21

Tgt Ion:164 Resp: 53228
Ion Ratio Lower Upper
164 100
162 101.5 78.8 118.2
160 42.2 36.4 54.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.37 ng

RT: 12.94 min Scan# 1720

Delta R.T. -0.02 min

Lab File: BG020000.D

Acq: 8 Dec 2015 3:21

Instrument :

BNA_G

ClientSampleId :

MW-11BMS

Tot Ion:216 Resp: 89623

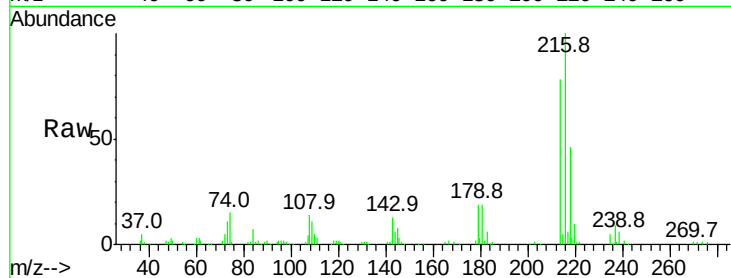
Ion Ratio Lower Upper

216 100

214 79.2 62.5 93.7

179 19.7 15.6 23.4

108 16.9 13.3 19.9

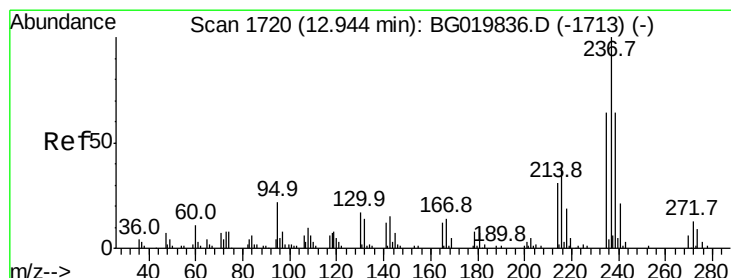
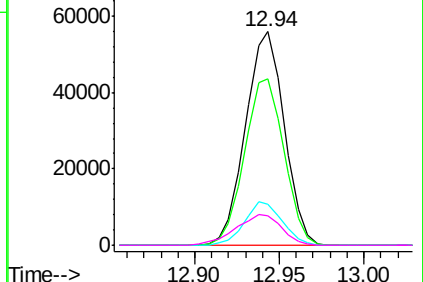
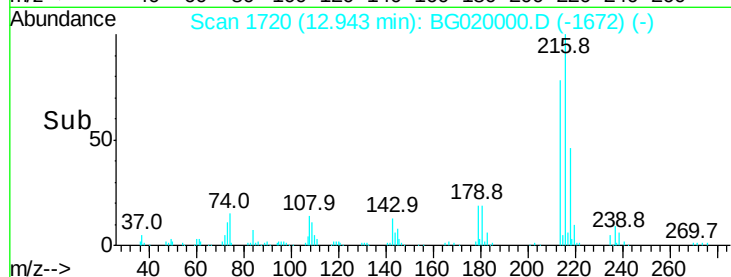


Abundance Ion 216.00 (215.70 to 216.70): E

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: 72.05 ng

RT: 12.92 min Scan# 1716

Delta R.T. -0.02 min

Lab File: BG020000.D

Acq: 8 Dec 2015 3:21

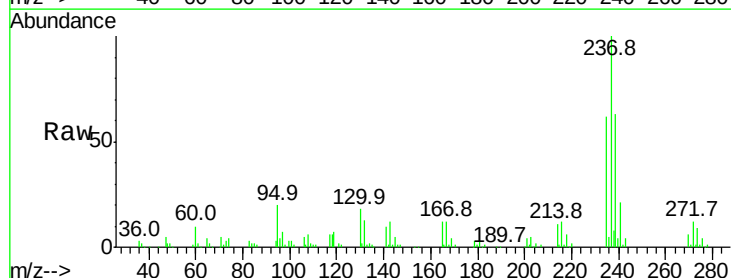
Tgt Ion:237 Resp: 82987

Ion Ratio Lower Upper

237 100

235 62.0 44.6 84.6

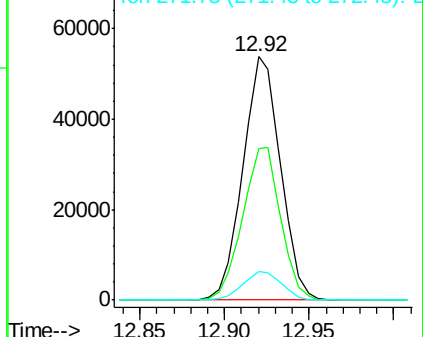
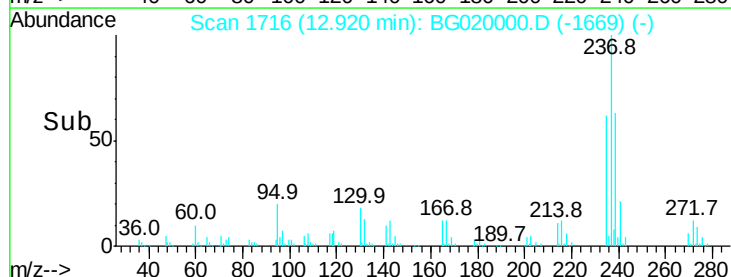
272 12.0 0.0 32.8

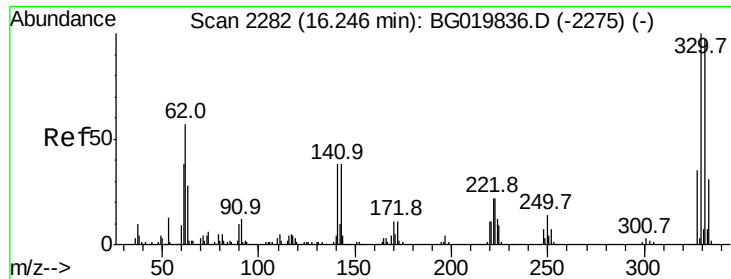


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 130.56 ng

RT: 16.23 min Scan# 2279

Delta R.T. -0.02 min

Lab File: BG020000.D

Acq: 8 Dec 2015 3:21

Instrument :

BNA_G

ClientSampleId :

MW-11BMS

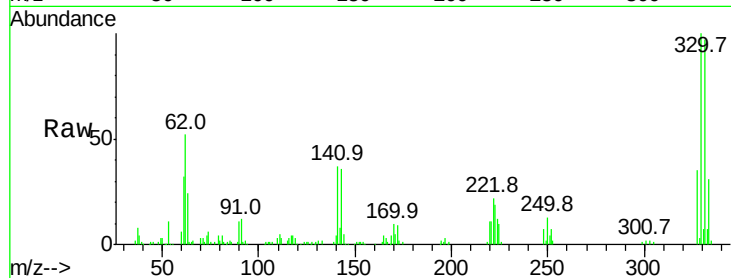
Tot Ion:330 Resp: 106330

Ion Ratio Lower Upper

330 100

332 96.7 78.1 117.1

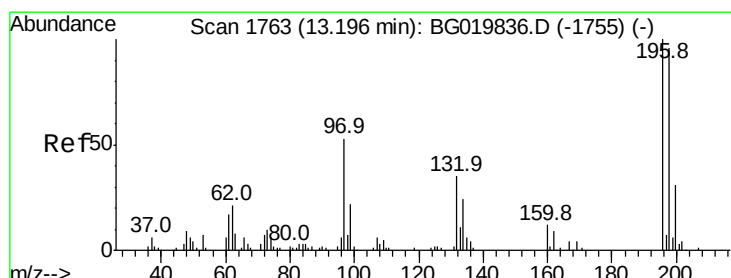
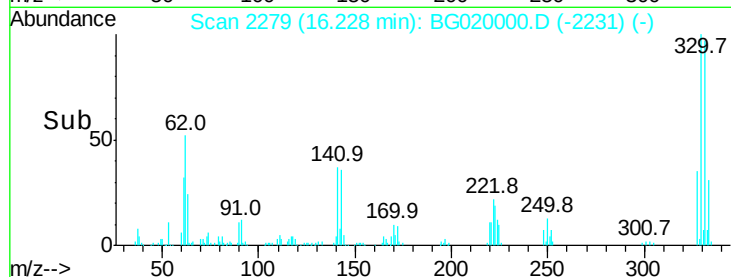
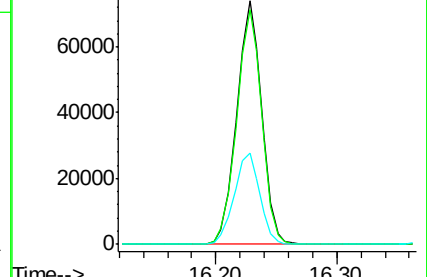
141 38.4 28.2 42.2



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: 45.94 ng

RT: 13.17 min Scan# 1759

Delta R.T. -0.02 min

Lab File: BG020000.D

Acq: 8 Dec 2015 3:21

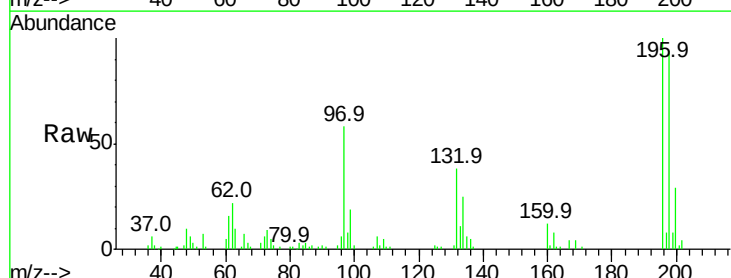
Tgt Ion:196 Resp: 61435

Ion Ratio Lower Upper

196 100

198 94.3 74.7 112.1

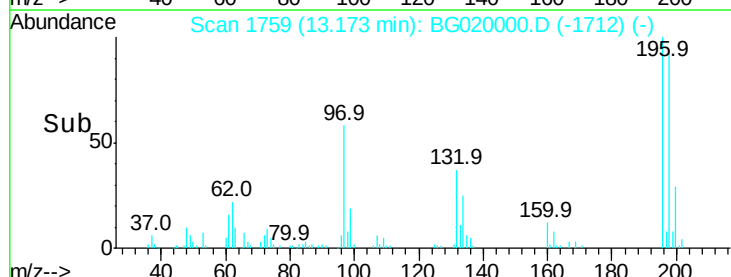
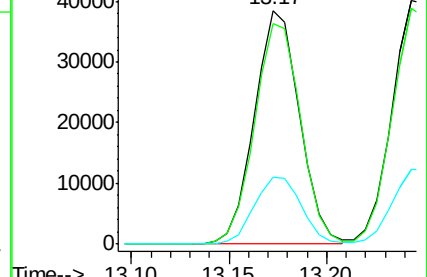
200 28.8 24.1 36.1

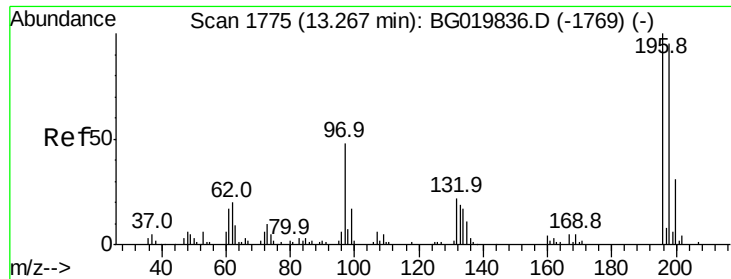


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



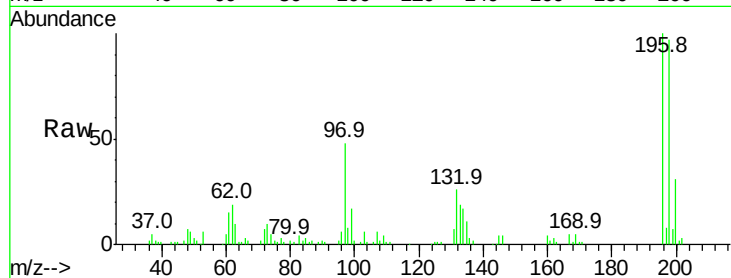


#43
 2,4,5-Trichlorophenol
 Concen: 47.71 ng
 RT: 13.24 min Scan# 1771
 Delta R.T. -0.02 min
 Lab File: BG020000.D
 Acq: 8 Dec 2015 3:21

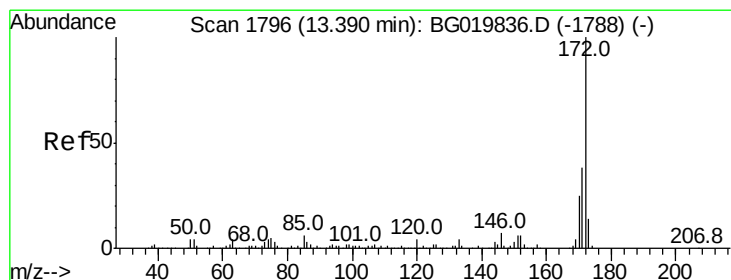
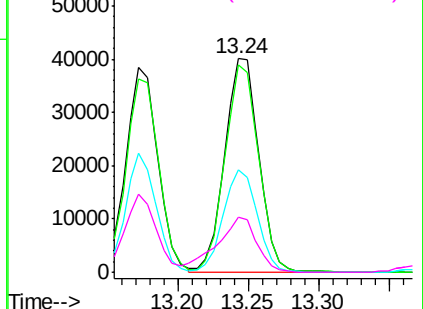
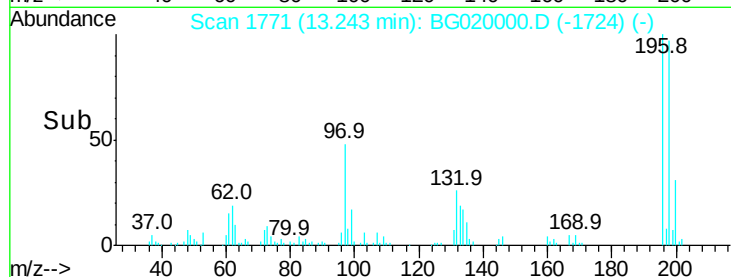
Instrument :
 BNA_G
 ClientSampleId :
 MW-11BMS

Tot Ion:196 Resp: 67427

Ion	Ratio	Lower	Upper
196	100		
198	97.0	75.2	112.8
97	47.7	34.2	51.2
132	25.9	21.8	32.6



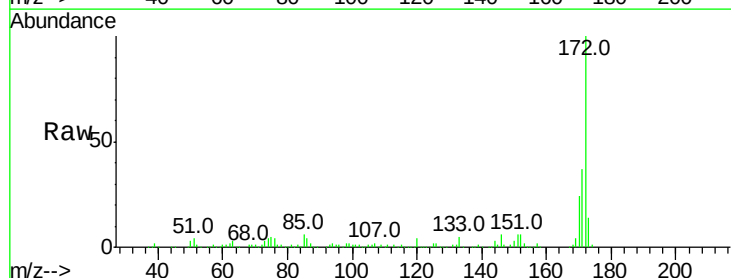
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E



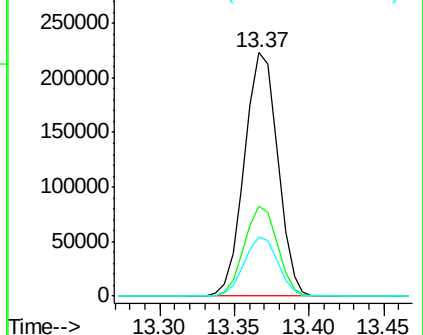
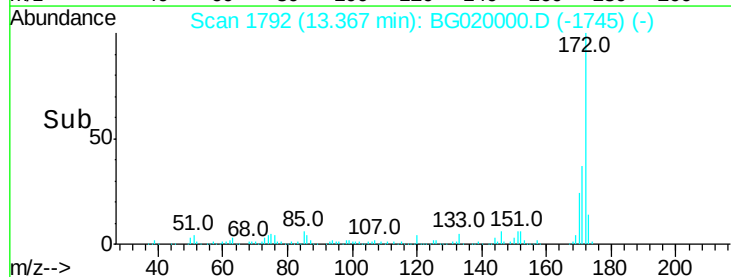
#44
 2-Fluorobiphenyl
 Concen: 88.44 ng
 RT: 13.37 min Scan# 1792
 Delta R.T. -0.02 min
 Lab File: BG020000.D
 Acq: 8 Dec 2015 3:21

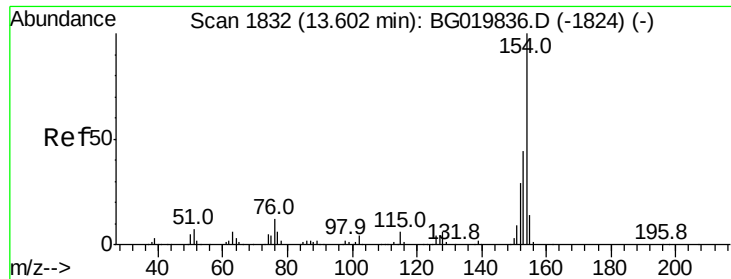
Tgt Ion:172 Resp: 344781

Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.0	43.6
170	24.4	19.9	29.9



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





#45

1,1'-Biphenyl

Concen: 43.78 ng

RT: 13.58 min Scan# 1828

Delta R.T. -0.02 min

Lab File: BG020000.D

Acq: 8 Dec 2015 3:21

Instrument :

BNA_G

ClientSampleId :

MW-11BMS

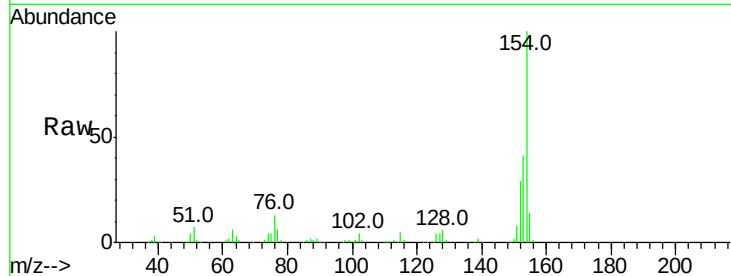
Tot Ion:154 Resp: 191228

Ion Ratio Lower Upper

154 100

153 41.3 21.9 61.9

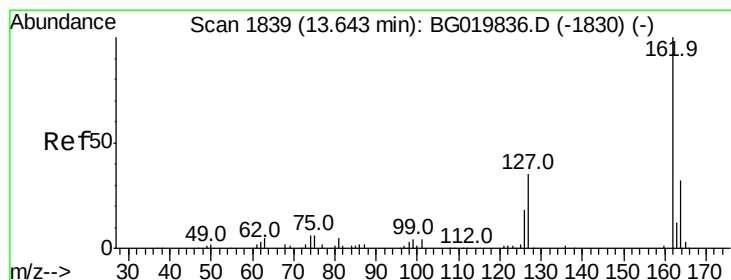
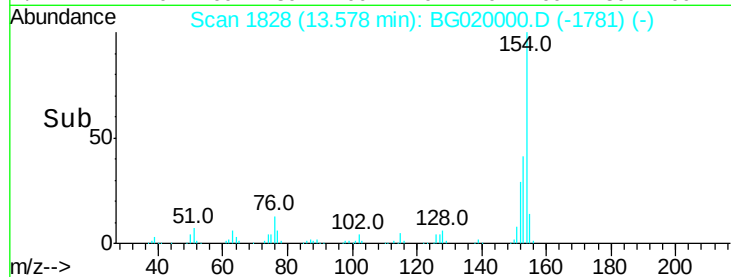
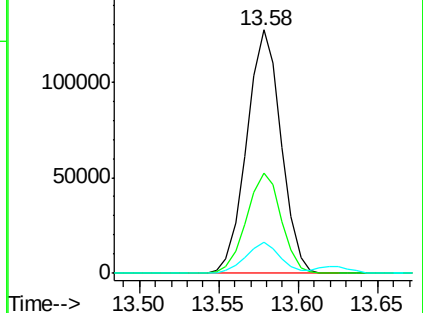
76 12.7 0.0 33.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): B



#46

2-Chloronaphthalene

Concen: 45.59 ng

RT: 13.63 min Scan# 1836

Delta R.T. -0.02 min

Lab File: BG020000.D

Acq: 8 Dec 2015 3:21

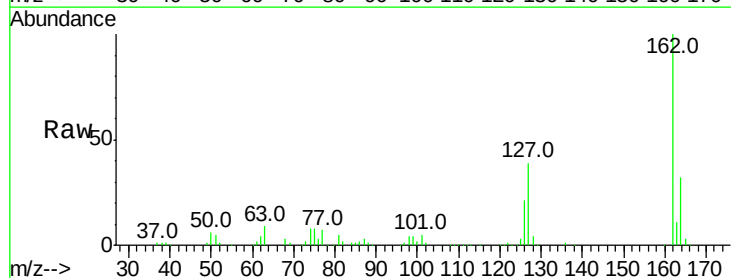
Tgt Ion:162 Resp: 153504

Ion Ratio Lower Upper

162 100

127 38.5 28.3 42.5

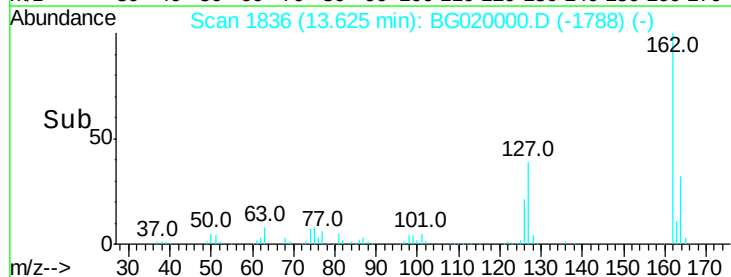
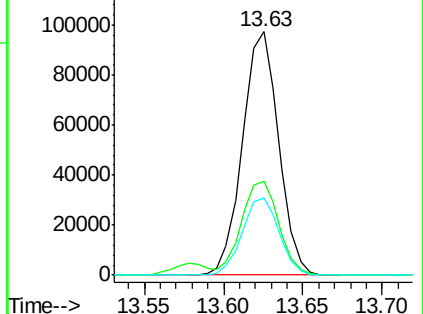
164 31.7 27.4 41.0

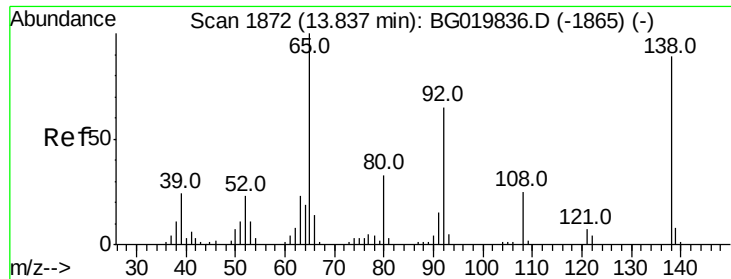


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

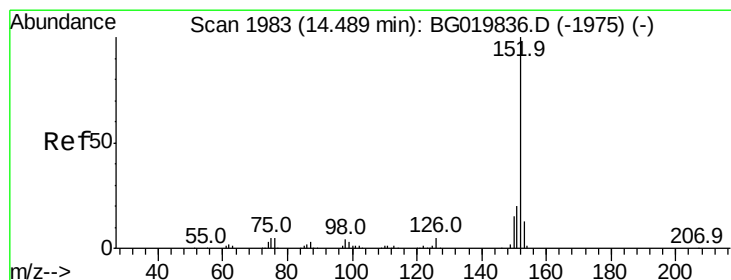
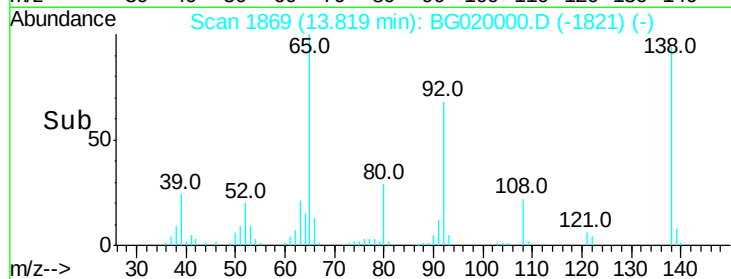
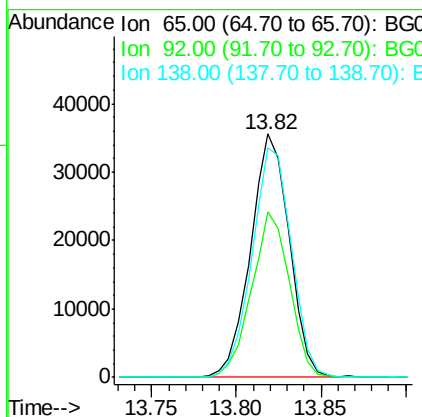
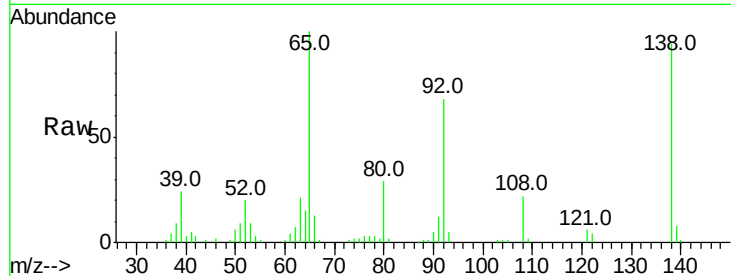




#47
2-Nitroaniline
Concen: 53.29 ng
RT: 13.82 min Scan# 1869
Delta R.T. -0.02 min
Lab File: BG020000.D
Acq: 8 Dec 2015 3:21

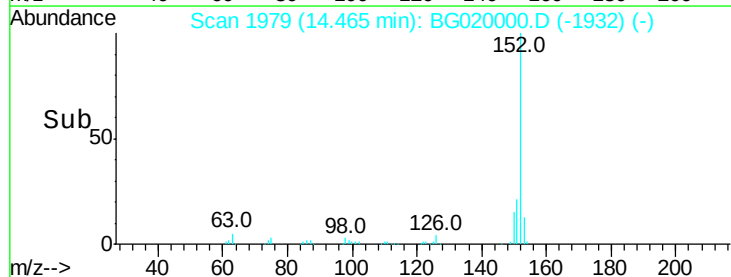
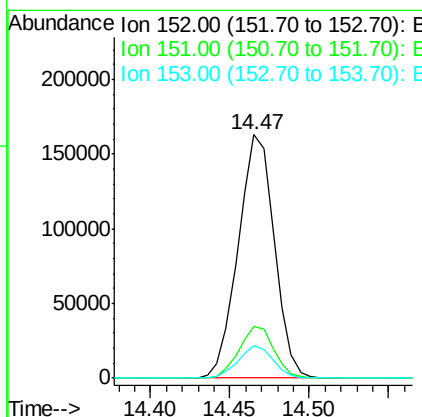
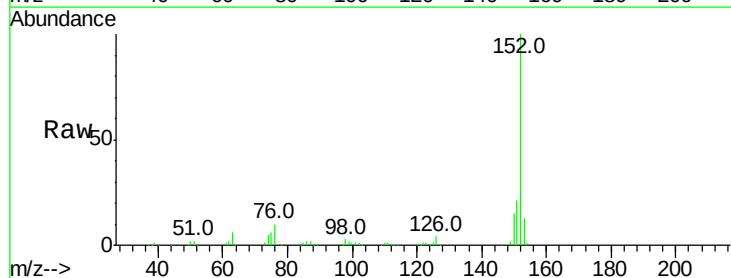
Instrument :
BNA_G
ClientSampleId :
MW-11BMS

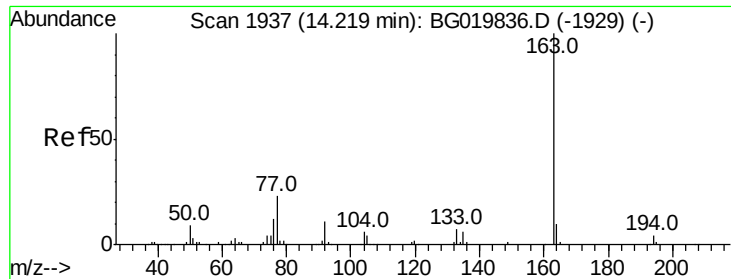
Tot Ion: 65 Resp: 56667
Ion Ratio Lower Upper
65 100
92 68.0 54.8 82.2
138 94.3 89.6 134.4



#48
Acenaphthylene
Concen: 44.94 ng
RT: 14.47 min Scan# 1979
Delta R.T. -0.02 min
Lab File: BG020000.D
Acq: 8 Dec 2015 3:21

Tgt Ion: 152 Resp: 257731
Ion Ratio Lower Upper
152 100
151 21.2 17.0 25.4
153 13.3 10.4 15.6





#49

Dimethylphthalate

Concen: 44.63 ng

RT: 14.19 min Scan# 1933

Delta R.T. -0.02 min

Lab File: BG020000.D

Acq: 8 Dec 2015 3:21

Instrument :

BNA_G

ClientSampleId :

MW-11BMS

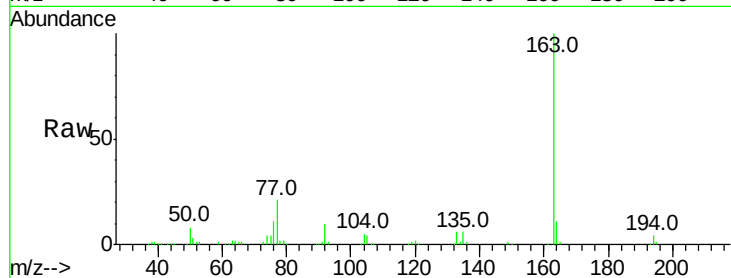
Tot Ion:163 Resp: 213694

Ion Ratio Lower Upper

163 100

194 4.4 3.1 4.7

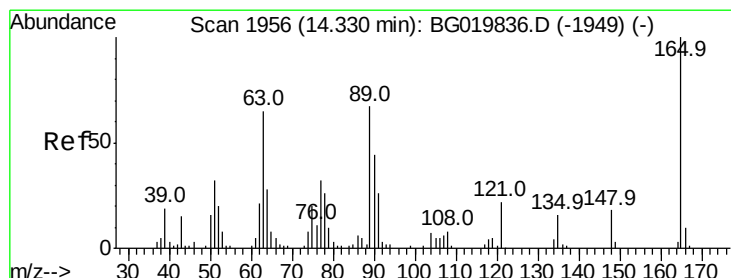
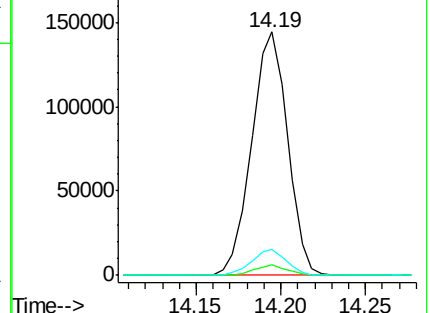
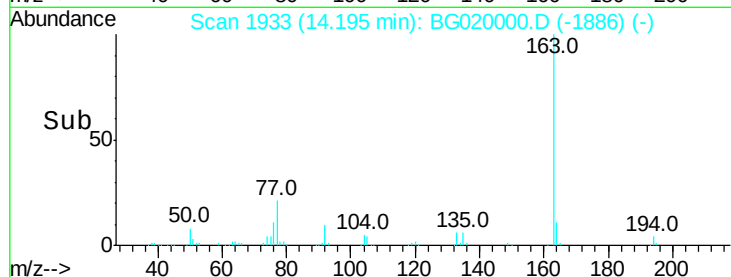
164 10.5 8.8 13.2



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: 51.89 ng

RT: 14.31 min Scan# 1953

Delta R.T. -0.02 min

Lab File: BG020000.D

Acq: 8 Dec 2015 3:21

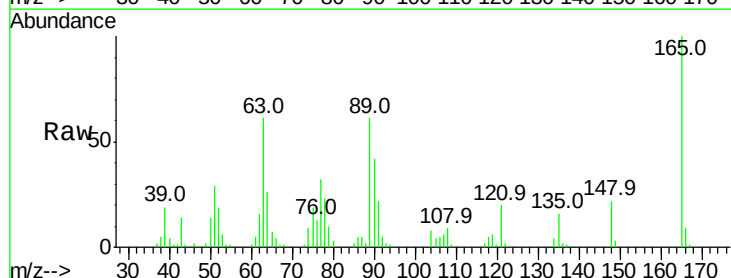
Tgt Ion:165 Resp: 46710

Ion Ratio Lower Upper

165 100

63 61.3 35.7 53.5#

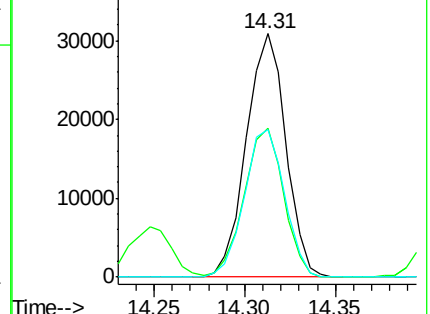
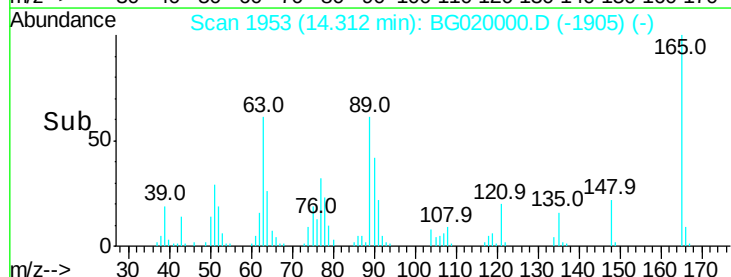
89 60.8 39.7 59.5#

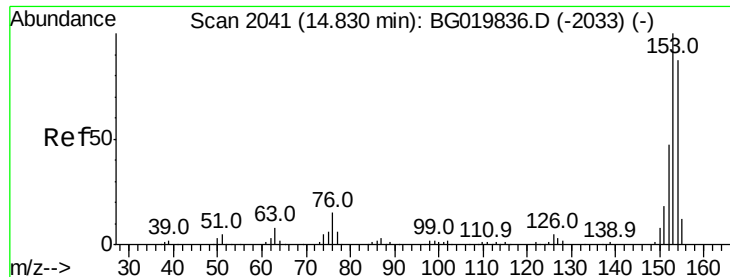


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 45.81 ng

RT: 14.81 min Scan# 2037

Delta R.T. -0.02 min

Lab File: BG020000.D

Acq: 8 Dec 2015 3:21

Instrument :

BNA_G

ClientSampleId :

MW-11BMS

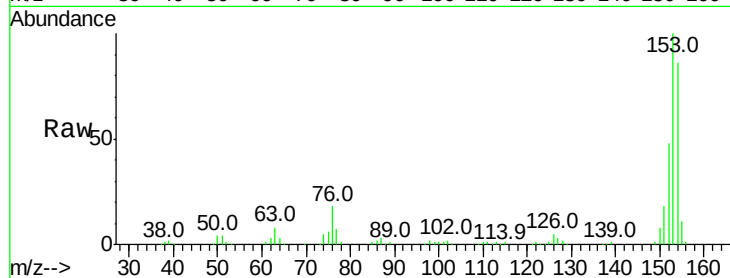
Tot Ion:154 Resp: 159418

Ion Ratio Lower Upper

154 100

153 116.6 92.9 139.3

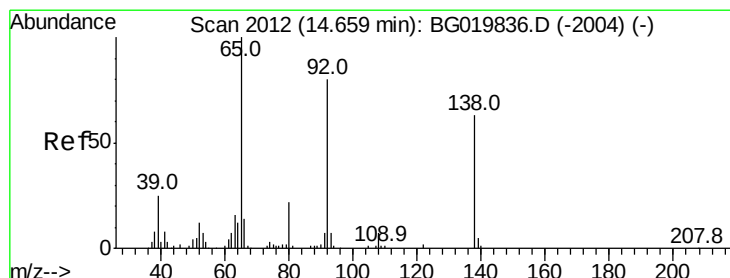
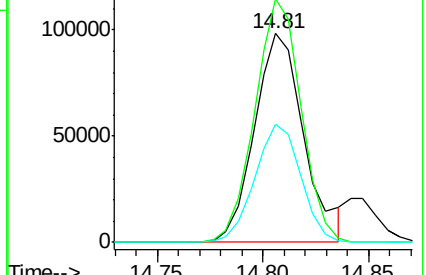
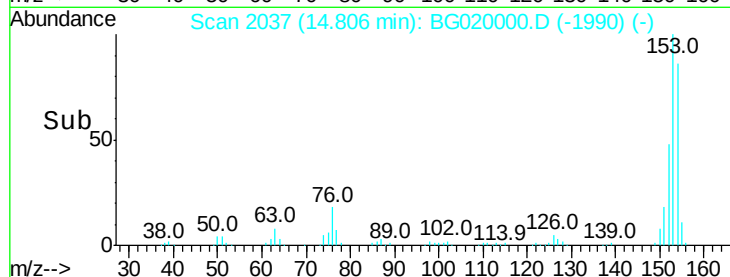
152 56.5 45.8 68.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 41.06 ng

RT: 14.64 min Scan# 2009

Delta R.T. -0.02 min

Lab File: BG020000.D

Acq: 8 Dec 2015 3:21

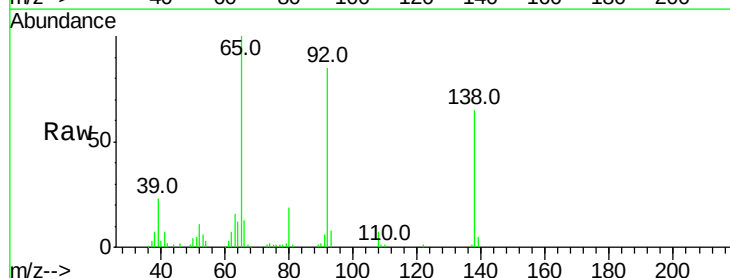
Tgt Ion:138 Resp: 38398

Ion Ratio Lower Upper

138 100

108 11.3 7.9 11.9

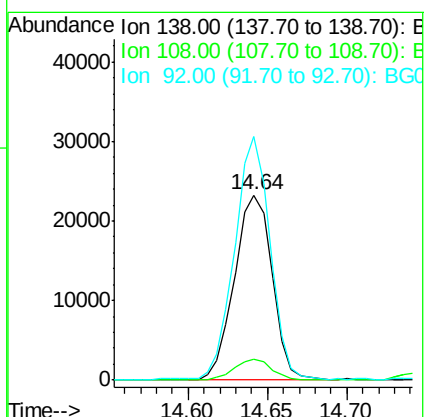
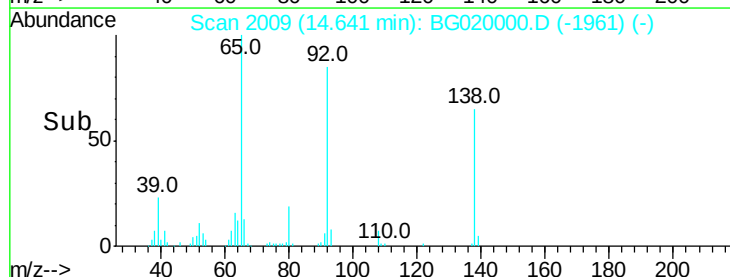
92 131.3 94.2 141.4

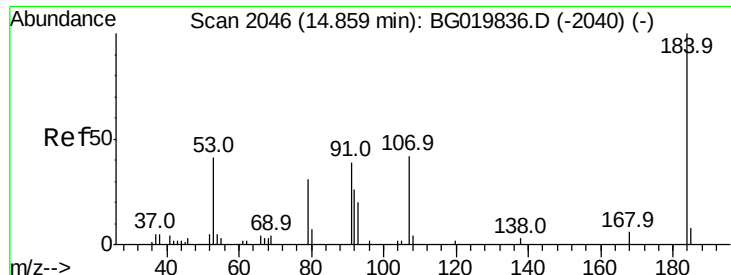


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

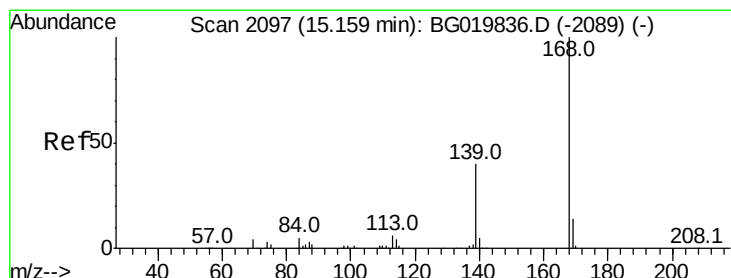
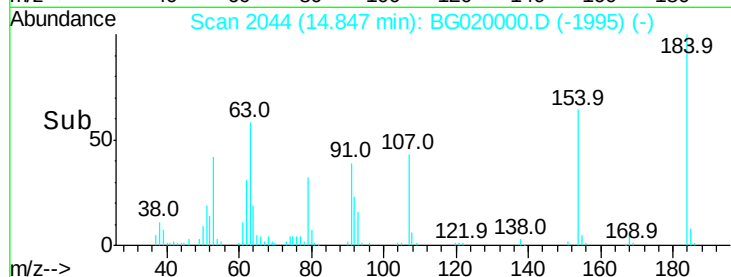
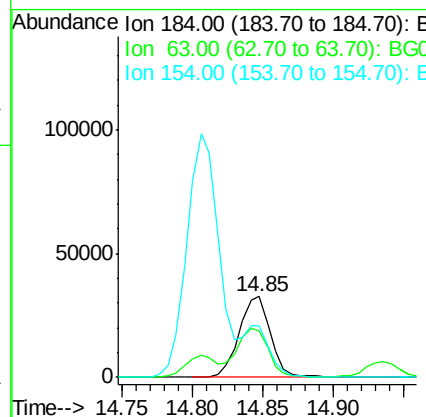
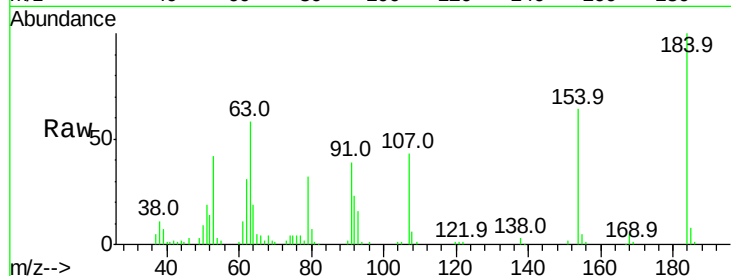




#53
 2,4-Dinitrophenol
 Concen: 103.07 ng
 RT: 14.85 min Scan# 2044
 Delta R.T. -0.01 min
 Lab File: BG020000.D
 Acq: 8 Dec 2015 3:21

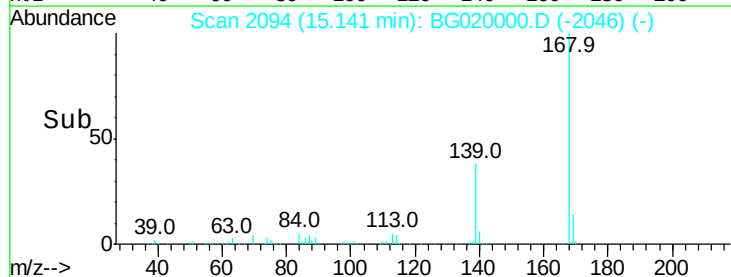
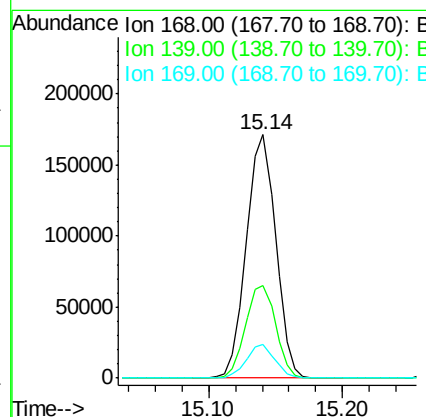
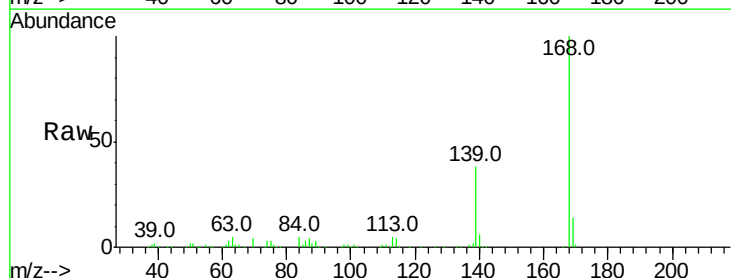
Instrument :
 BNA_G
 ClientSampleId :
 MW-11BMS

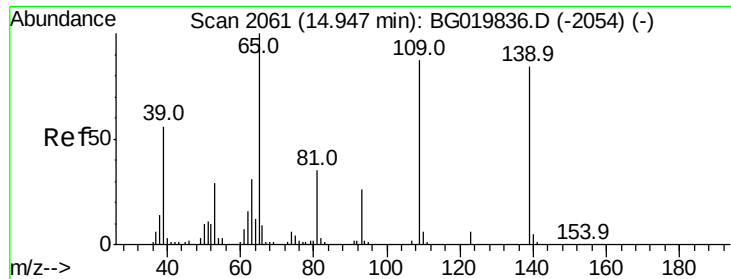
Tot Ion:184 Resp: 50823
 Ion Ratio Lower Upper
 184 100
 63 57.6 42.7 64.1
 154 63.8 44.3 66.5



#54
 Dibenzofuran
 Concen: 50.25 ng
 RT: 15.14 min Scan# 2094
 Delta R.T. -0.02 min
 Lab File: BG020000.D
 Acq: 8 Dec 2015 3:21

Tgt Ion:168 Resp: 260151
 Ion Ratio Lower Upper
 168 100
 139 38.1 27.4 41.0
 169 13.6 11.0 16.4





#55

4-Nitrophenol

Concen: 36.68 ng

RT: 14.94 min Scan# 2059

Delta R.T. -0.01 min

Lab File: BG020000.D

Acq: 8 Dec 2015 3:21

Instrument :

BNA_G

ClientSampleId :

MW-11BMS

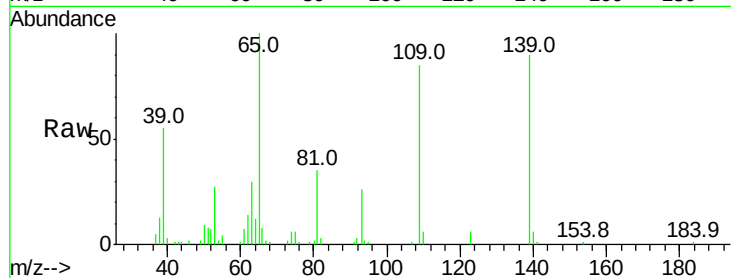
Tot Ion:139 Resp: 29875

Ion Ratio Lower Upper

139 100

109 94.6 43.2 83.2#

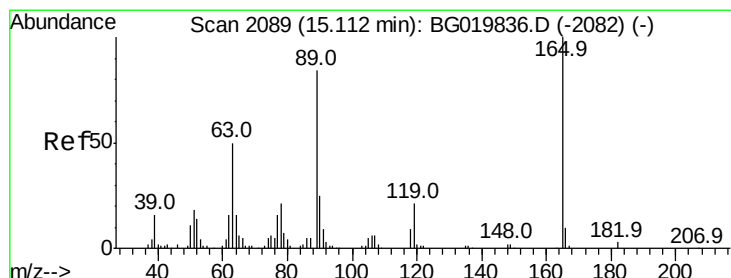
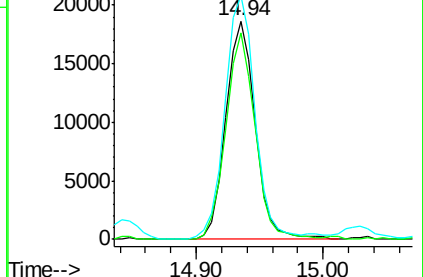
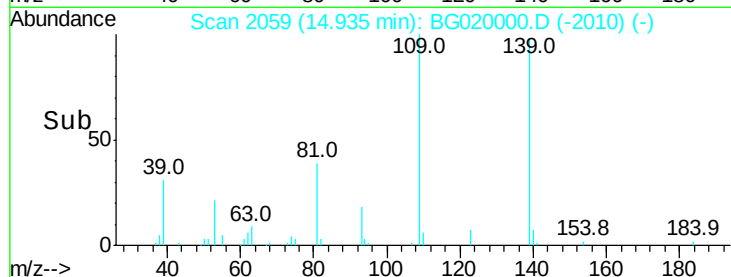
65 111.5 67.8 107.8#



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



#56

2,4-Dinitrotoluene

Concen: 53.61 ng

RT: 15.09 min Scan# 2086

Delta R.T. -0.02 min

Lab File: BG020000.D

Acq: 8 Dec 2015 3:21

Tgt Ion:165 Resp: 67330

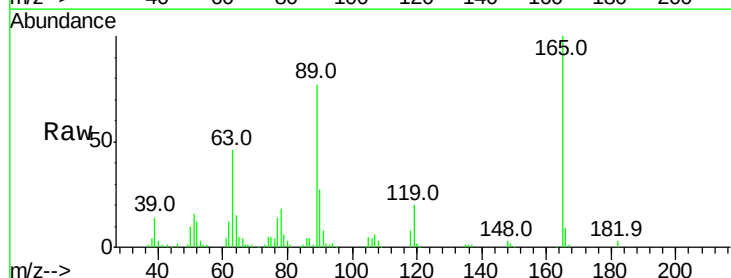
Ion Ratio Lower Upper

165 100

63 45.8 31.0 46.4

89 77.1 54.4 81.6

182 2.9 1.6 2.4#

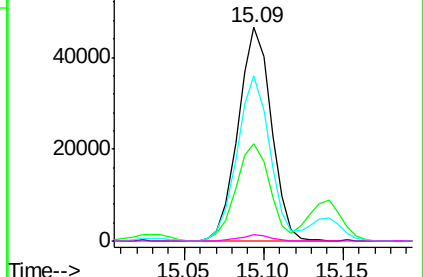
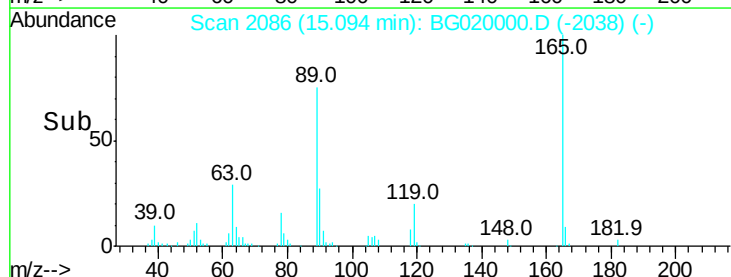


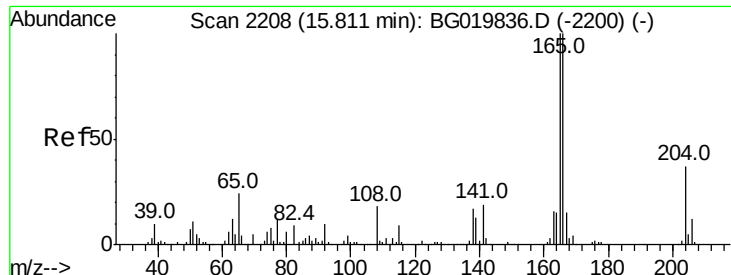
Abundance Ion 165.00 (164.70 to 165.70): E

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

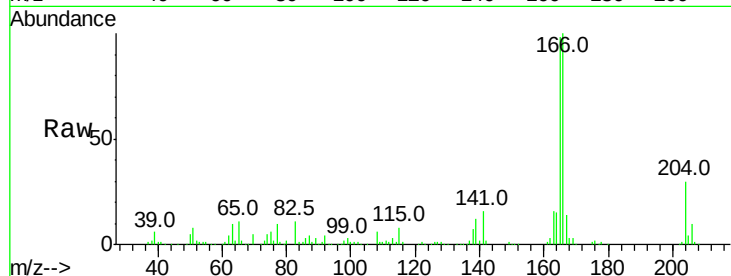




#57
Fluorene
 Concen: 44.74 ng
 RT: 15.79 min Scan# 2204
 Delta R.T. -0.02 min
 Lab File: BG020000.D
 Acq: 8 Dec 2015 3:21

Instrument :
 BNA_G
 ClientSampleId :
 MW-11BMS

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.5	80.0	120.0
167	13.9	11.1	16.7

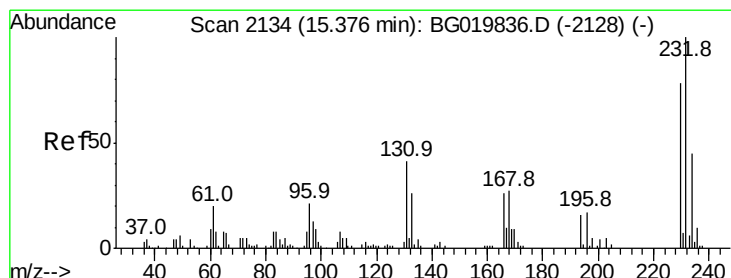
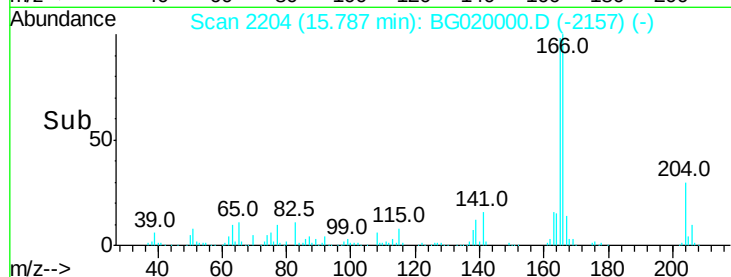
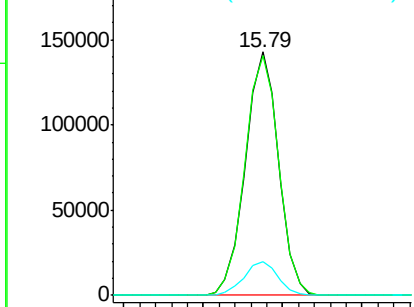


Abundance

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: 50.48 ng
 RT: 15.36 min Scan# 2131
 Delta R.T. -0.02 min
 Lab File: BG020000.D
 Acq: 8 Dec 2015 3:21

Tgt Ion	Ratio	Lower	Upper
232	100		
131	41.1	33.0	49.6
130	2.3	2.0	3.0
166	27.6	24.1	36.1

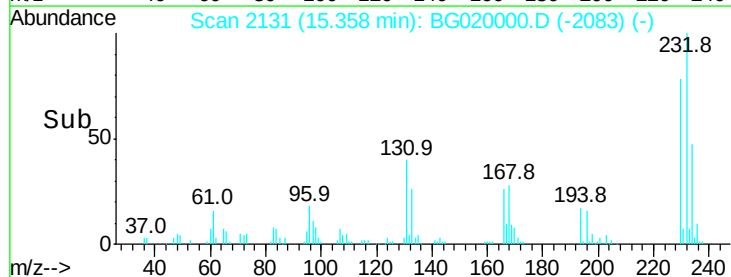
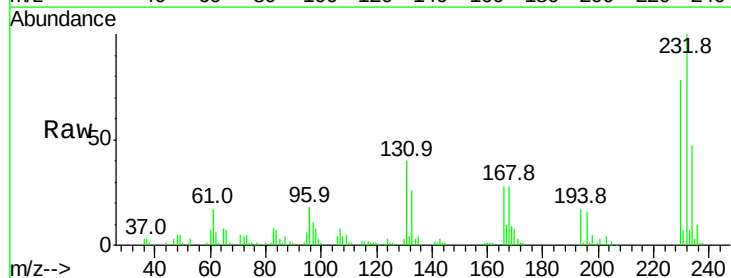
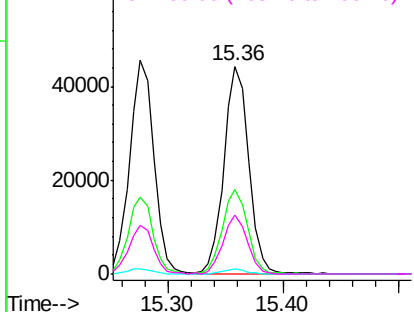
Abundance

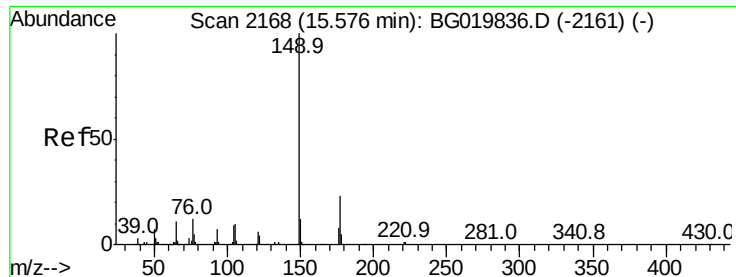
Ion 232.00 (231.70 to 232.70): E

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: 42.64 ng

RT: 15.55 min Scan# 2164

Delta R.T. -0.02 min

Lab File: BG020000.D

Acq: 8 Dec 2015 3:21

Instrument :

BNA_G

ClientSampleId :

MW-11BMS

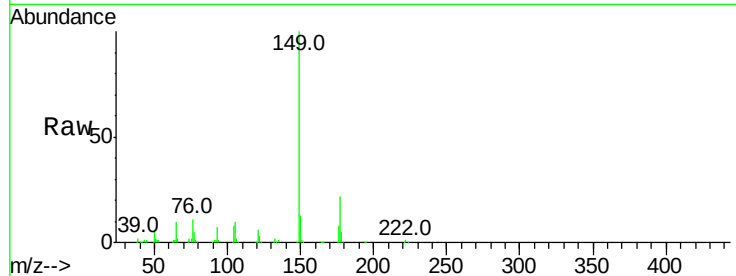
Tot Ion:149 Resp: 220968

Ion Ratio Lower Upper

149 100

177 22.0 19.6 29.4

150 12.7 10.2 15.2



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

15.55

150000

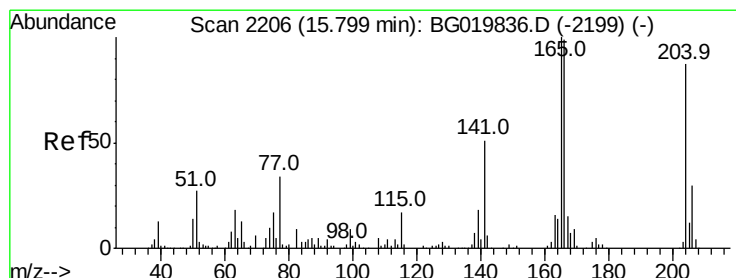
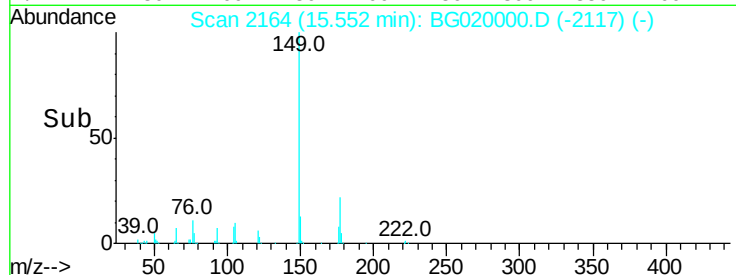
100000

50000

0

15.50 15.55 15.60

Time-->



#60

4-Chlorophenyl-phenylether

Concen: 43.12 ng

RT: 15.78 min Scan# 2202

Delta R.T. -0.02 min

Lab File: BG020000.D

Acq: 8 Dec 2015 3:21

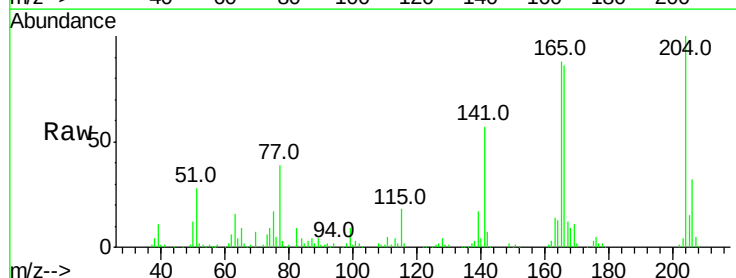
Tgt Ion:204 Resp: 114724

Ion Ratio Lower Upper

204 100

206 31.7 28.3 42.5

141 56.9 44.0 66.0



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

15.78

100000

80000

60000

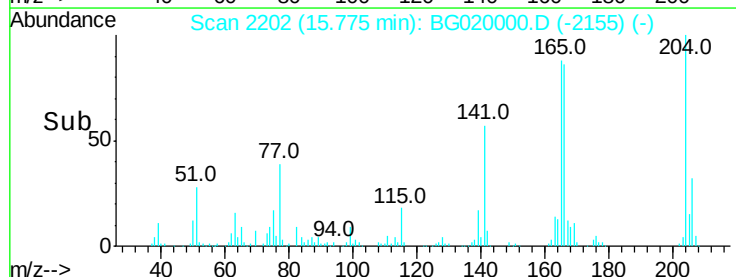
40000

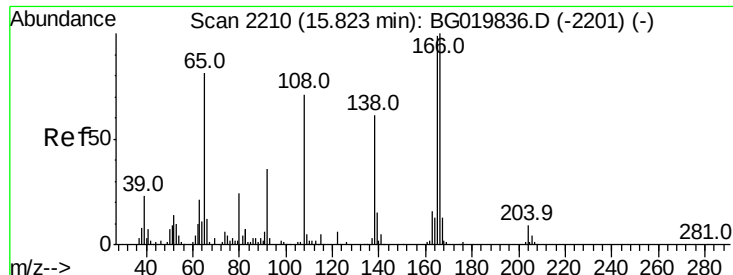
20000

0

15.70 15.75 15.80 15.85

Time-->





#61

4-Nitroaniline

Concen: 44.92 ng

RT: 15.80 min Scan# 2207

Delta R.T. -0.02 min

Lab File: BG020000.D

Acq: 8 Dec 2015 3:21

Instrument :

BNA_G

ClientSampleId :

MW-11BMS

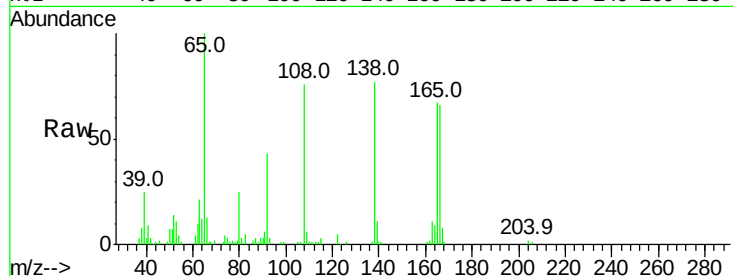
Tot Ion:138 Resp: 47248

Ion Ratio Lower Upper

138 100

92 55.5 29.1 69.1

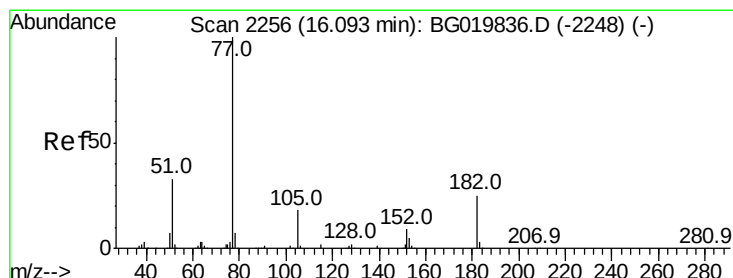
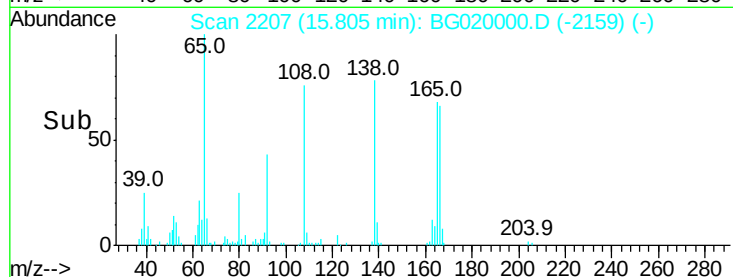
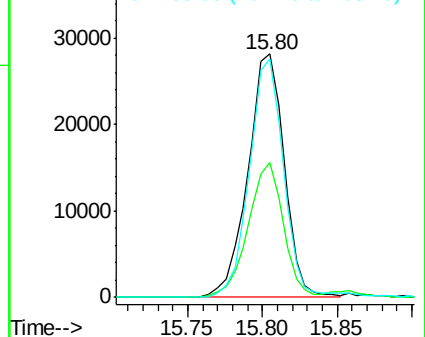
108 98.1 49.8 89.8#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 48.29 ng

RT: 16.07 min Scan# 2252

Delta R.T. -0.02 min

Lab File: BG020000.D

Acq: 8 Dec 2015 3:21

Tgt Ion: 77 Resp: 208232

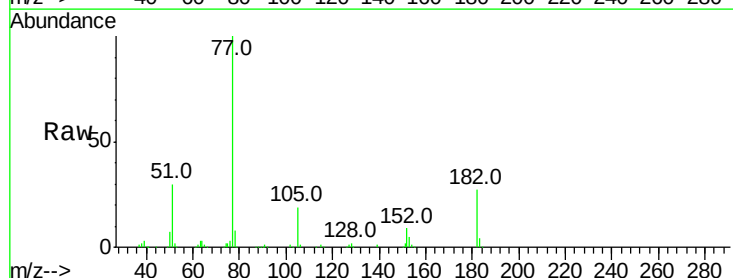
Ion Ratio Lower Upper

77 100

182 26.7 7.0 47.0

105 19.5 1.4 41.4

51 30.2 4.9 44.9

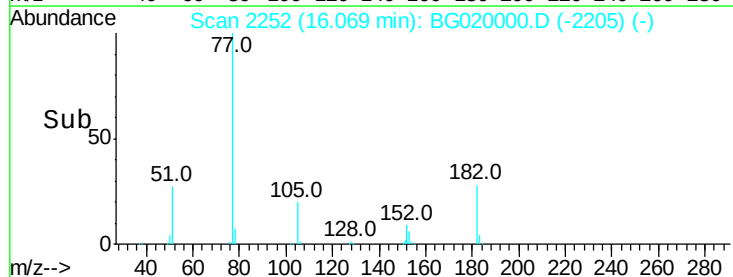
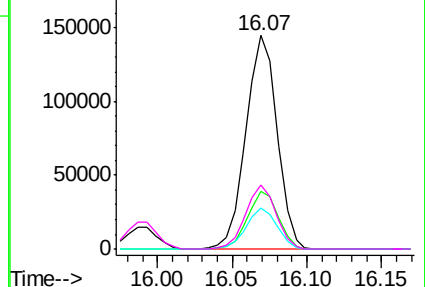


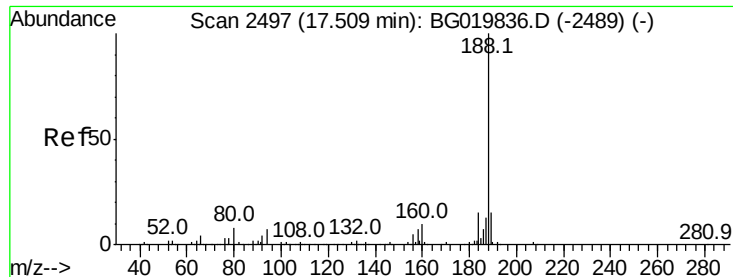
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC

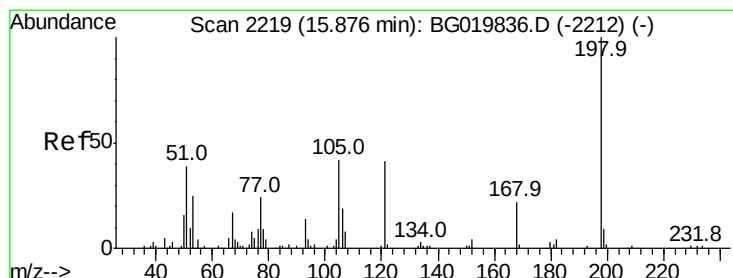
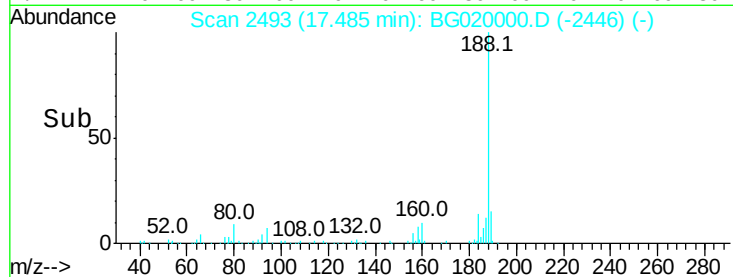
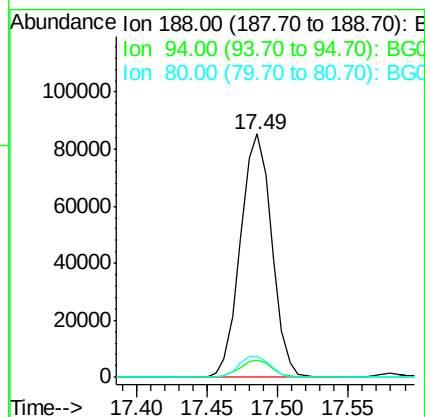
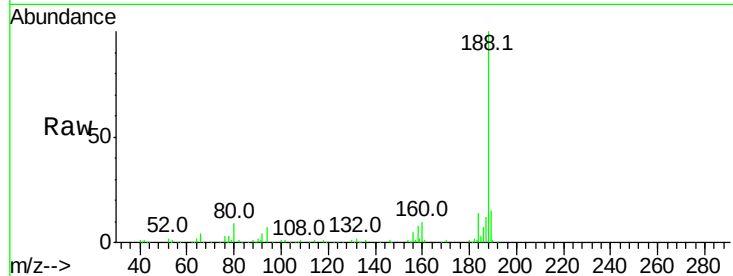




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2493
Delta R.T. -0.02 min
Lab File: BG020000.D
Acq: 8 Dec 2015 3:21

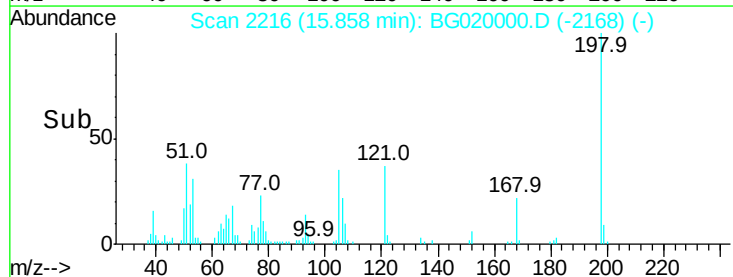
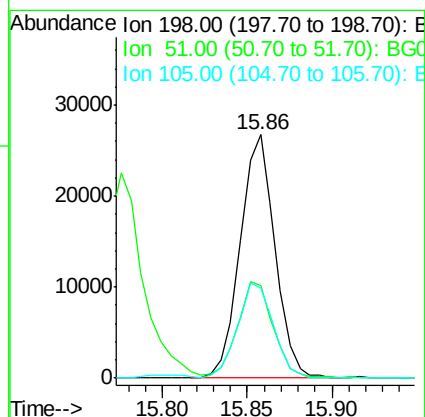
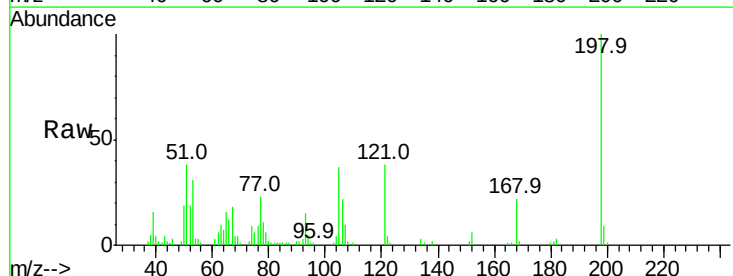
Instrument :
BNA_G
ClientSampled :
MW-11BMS

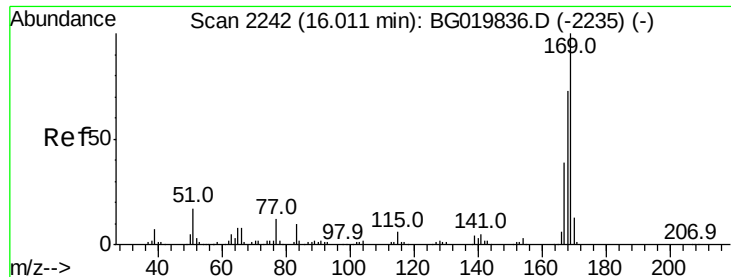
Tot Ion:188 Resp: 132314
Ion Ratio Lower Upper
188 100
94 7.0 7.7 11.5#
80 8.8 7.8 11.8



#64
4,6-Dinitro-2-methylphenol
Concen: 50.96 ng
RT: 15.86 min Scan# 2216
Delta R.T. -0.02 min
Lab File: BG020000.D
Acq: 8 Dec 2015 3:21

Tgt Ion:198 Resp: 38201
Ion Ratio Lower Upper
198 100
51 37.9 14.2 54.2
105 36.8 21.1 61.1





#65

n-Nitrosodiphenylamine

Concen: 49.34 ng

RT: 15.99 min Scan# 2239

Delta R.T. -0.02 min

Lab File: BG020000.D

Acq: 8 Dec 2015 3:21

Instrument :

BNA_G

ClientSampleId :

MW-11BMS

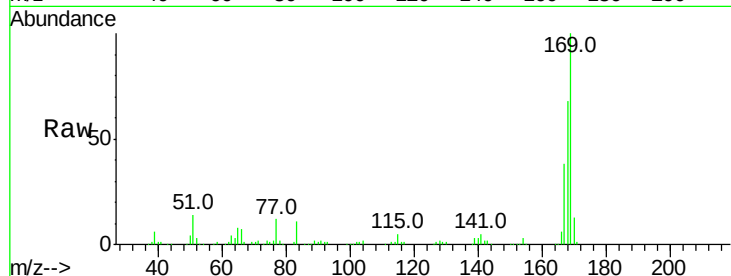
Tot Ion:169 Resp: 188911

Ion Ratio Lower Upper

169 100

168 67.8 58.2 87.2

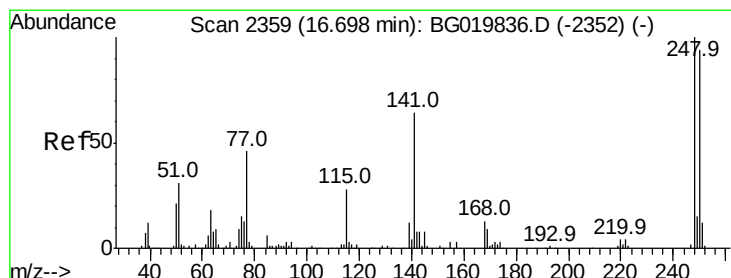
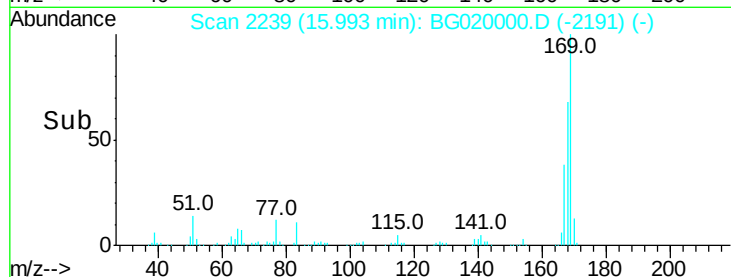
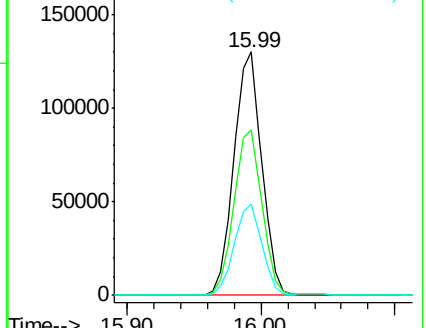
167 37.6 32.7 49.1



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 46.27 ng

RT: 16.67 min Scan# 2354

Delta R.T. -0.03 min

Lab File: BG020000.D

Acq: 8 Dec 2015 3:21

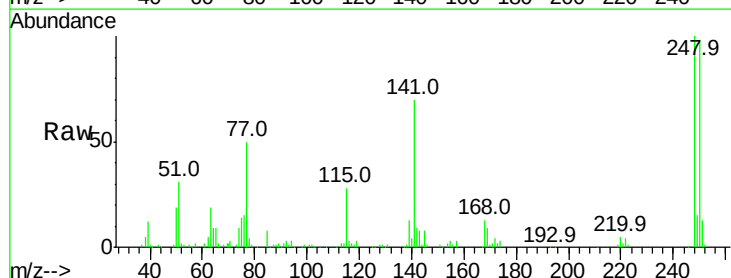
Tgt Ion:248 Resp: 76067

Ion Ratio Lower Upper

248 100

250 97.6 77.8 116.8

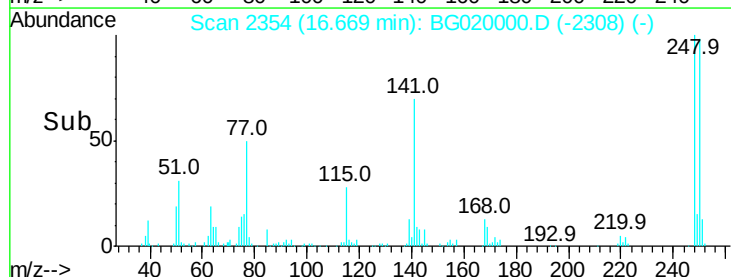
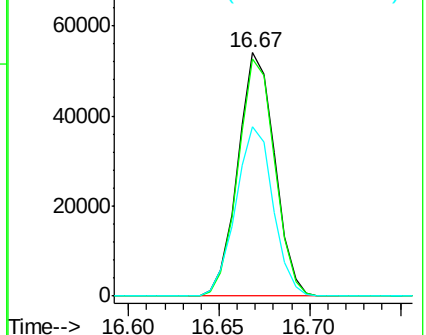
141 69.6 50.4 75.6

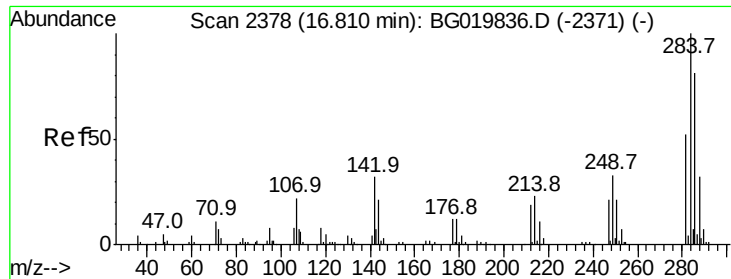


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

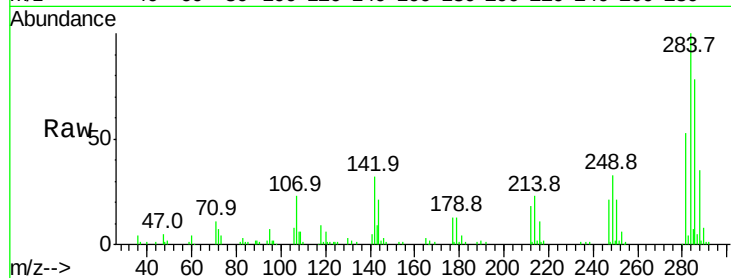




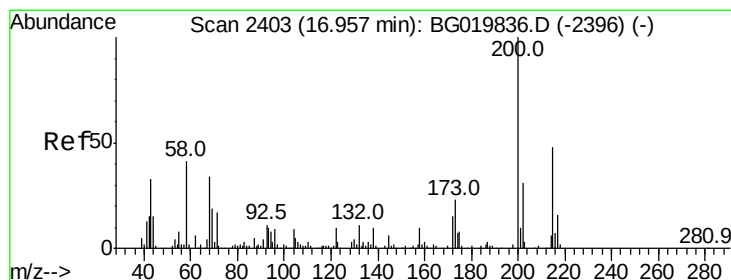
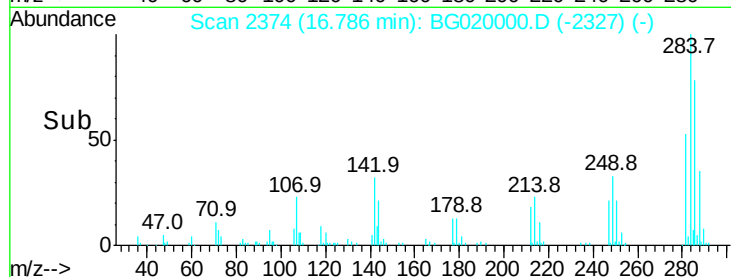
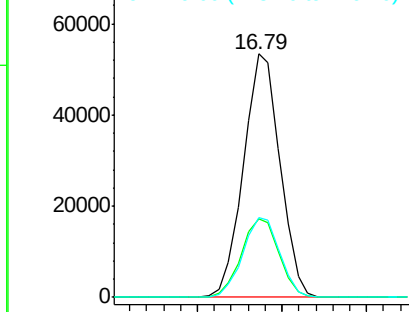
#67
Hexachlorobenzene
Concen: 46.84 ng
RT: 16.79 min Scan# 2374
Delta R.T. -0.02 min
Lab File: BG020000.D
Acq: 8 Dec 2015 3:21

Instrument :
BNA_G
ClientSampleId :
MW-11BMS

Tot Ion:284 Resp: 80224
Ion Ratio Lower Upper
284 100
142 32.5 26.6 39.8
249 35.4 26.2 39.2

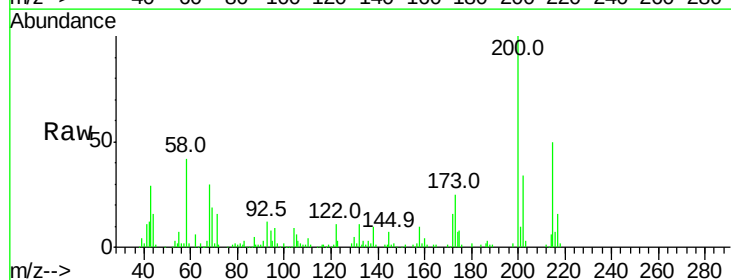


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

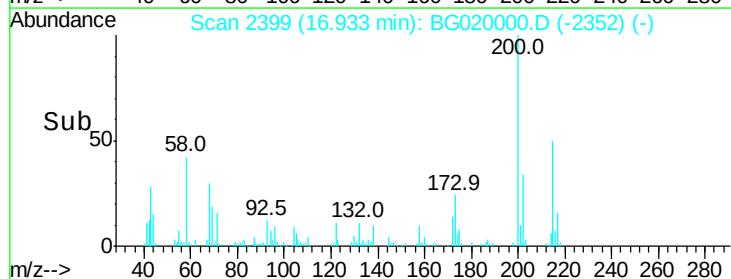
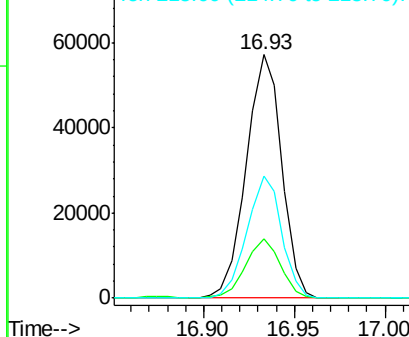


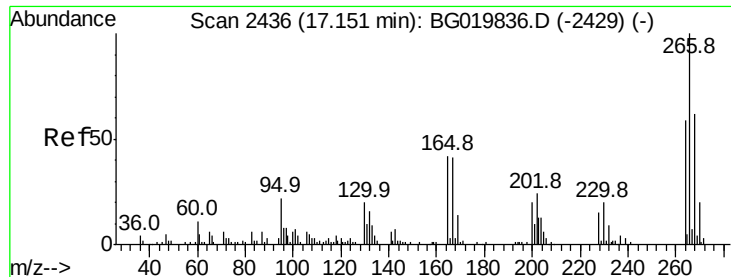
#68
Atrazine
Concen: 46.66 ng
RT: 16.93 min Scan# 2399
Delta R.T. -0.02 min
Lab File: BG020000.D
Acq: 8 Dec 2015 3:21

Tgt Ion:200 Resp: 77620
Ion Ratio Lower Upper
200 100
173 24.6 5.2 45.2
215 50.2 27.0 67.0



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

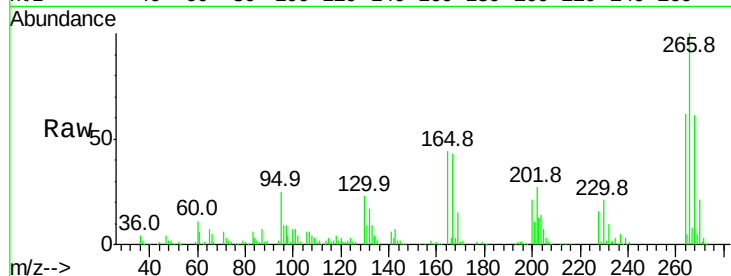




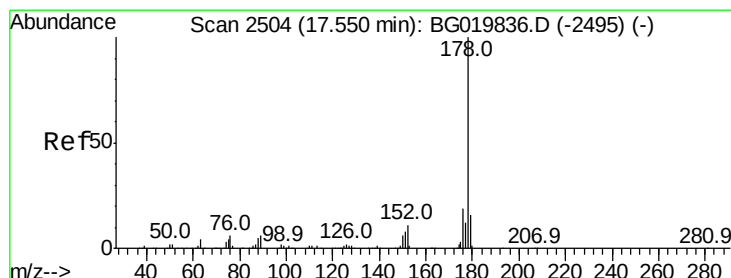
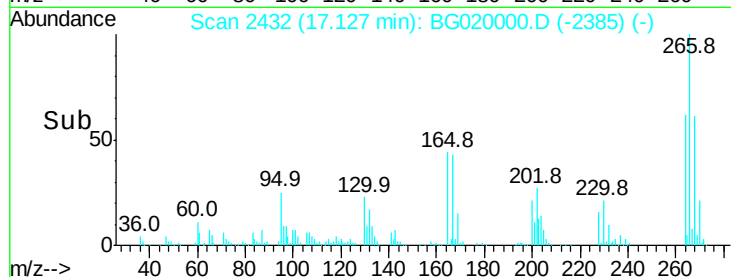
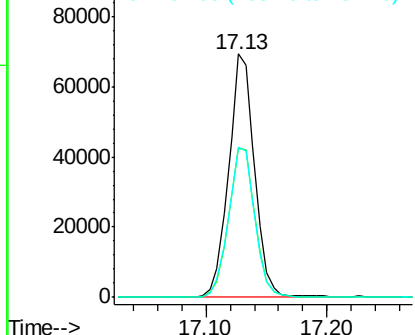
#69
 Pentachlorophenol
 Concen: 103.29 ng
 RT: 17.13 min Scan# 2432
 Delta R.T. -0.02 min
 Lab File: BG020000.D
 Acq: 8 Dec 2015 3:21

Instrument :
 BNA_G
 ClientSampleId :
 MW-11BMS

Tot Ion	Ratio	Lower	Upper
266	100		
268	61.2	47.6	71.4
264	61.8	48.1	72.1

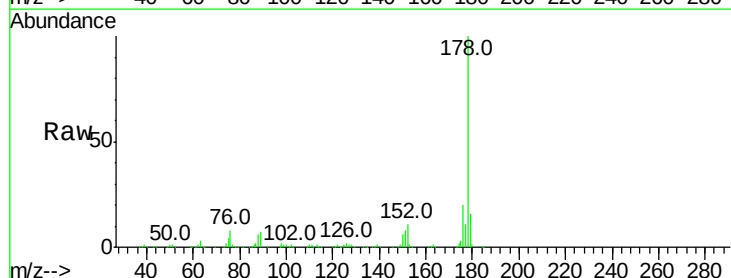


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

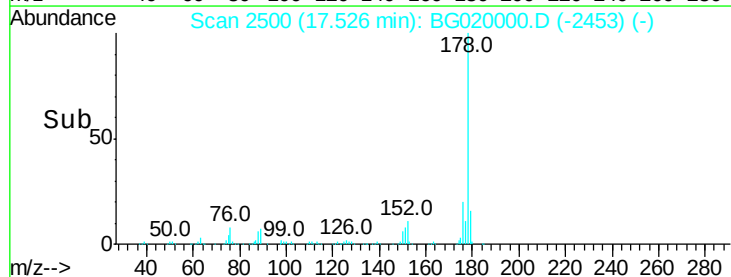
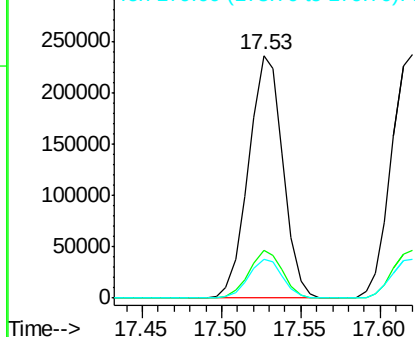


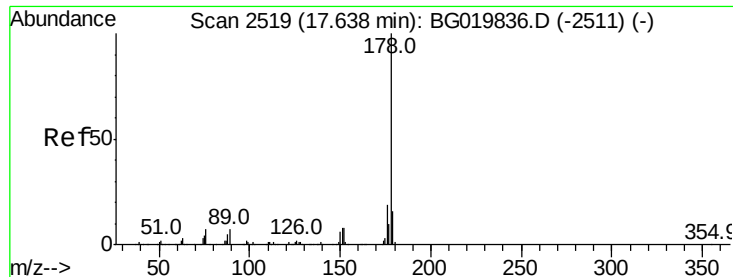
#70
 Phenanthrene
 Concen: 47.38 ng
 RT: 17.53 min Scan# 2500
 Delta R.T. -0.02 min
 Lab File: BG020000.D
 Acq: 8 Dec 2015 3:21

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.7	25.1
179	16.2	13.9	20.9



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

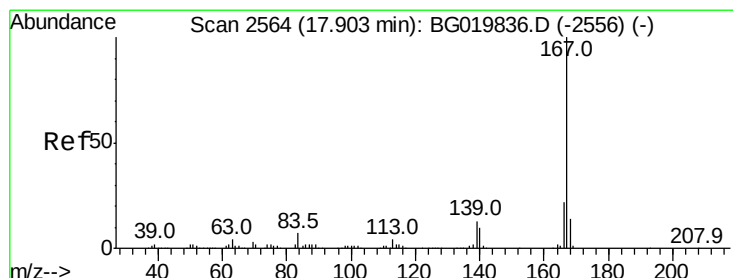
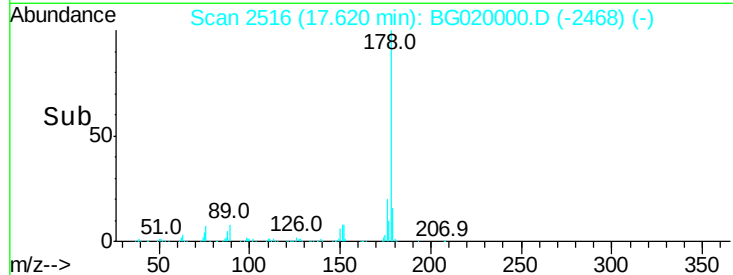
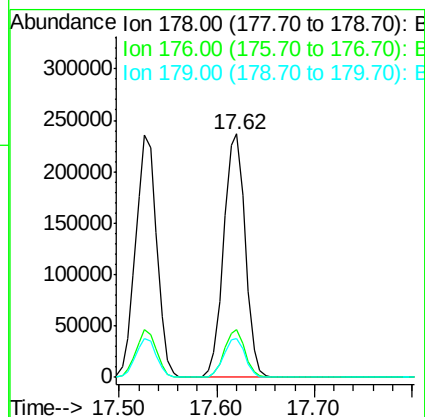
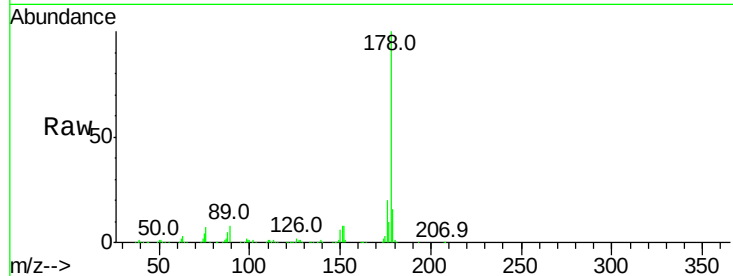




#71
 Anthracene
 Concen: 47.39 ng
 RT: 17.62 min Scan# 2516
 Delta R.T. -0.02 min
 Lab File: BG020000.D
 Acq: 8 Dec 2015 3:21

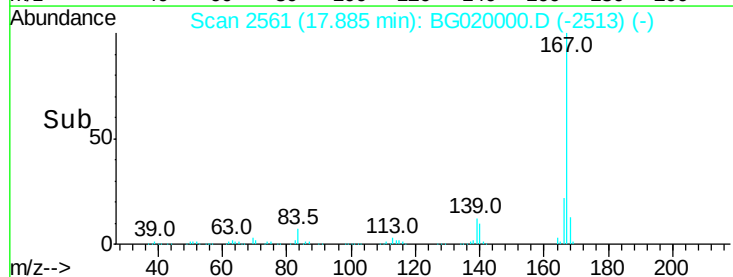
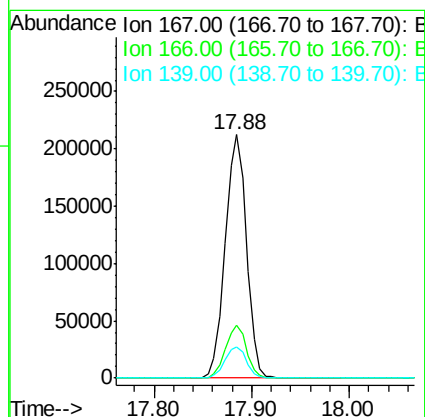
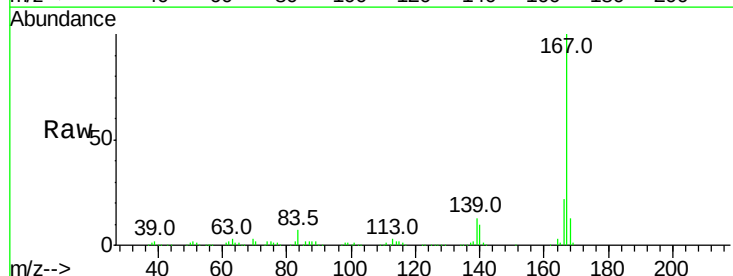
Instrument :
 BNA_G
 ClientSampleId :
 MW-11BMS

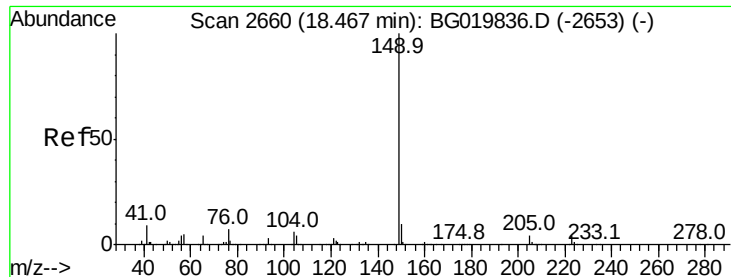
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.8	25.2
179	16.0	13.9	20.9



#72
 Carbazole
 Concen: 47.71 ng
 RT: 17.88 min Scan# 2561
 Delta R.T. -0.02 min
 Lab File: BG020000.D
 Acq: 8 Dec 2015 3:21

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	19.0	28.6
139	12.9	10.2	15.4

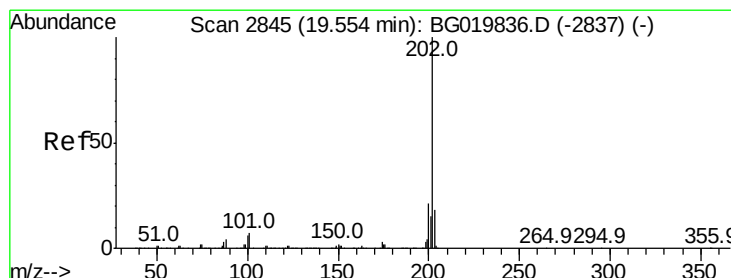
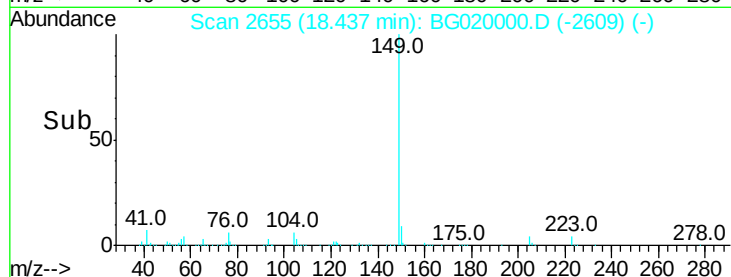
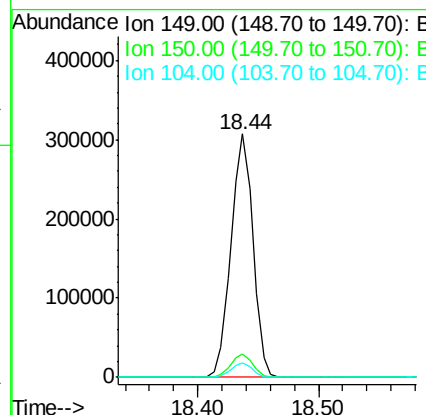
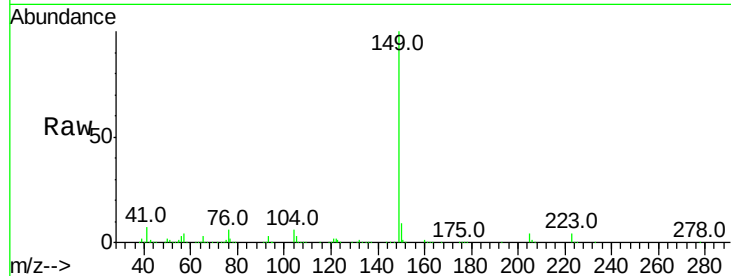




#73
Di-n-butylphthalate
Concen: 47.18 ng
RT: 18.44 min Scan# 2655
Delta R.T. -0.03 min
Lab File: BG020000.D
Acq: 8 Dec 2015 3:21

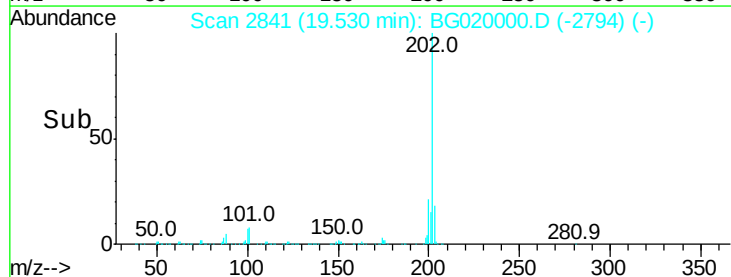
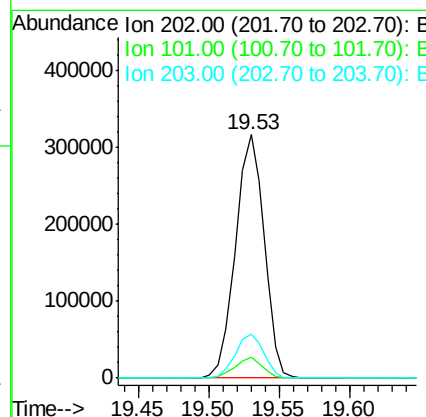
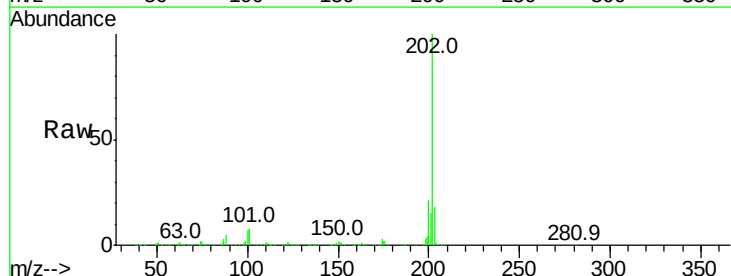
Instrument :
BNA_G
ClientSampleId :
MW-11BMS

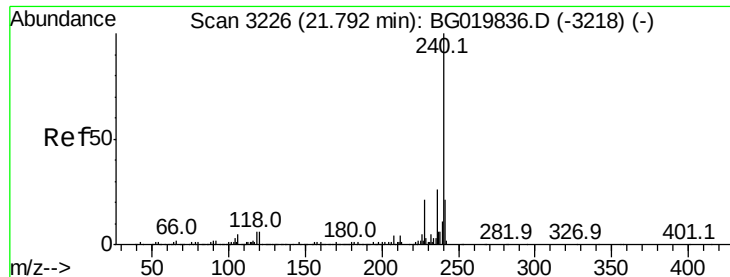
Tot Ion	Ratio	Lower	Upper
149	100		
150	9.4	8.2	12.4
104	5.8	4.4	6.6



#74
Fluoranthene
Concen: 46.67 ng
RT: 19.53 min Scan# 2841
Delta R.T. -0.02 min
Lab File: BG020000.D
Acq: 8 Dec 2015 3:21

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.4	0.0	32.4
203	18.1	0.0	39.5

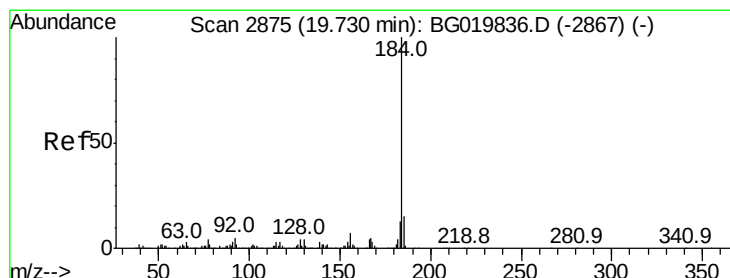
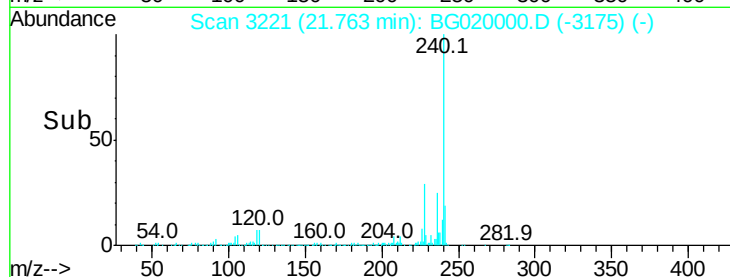
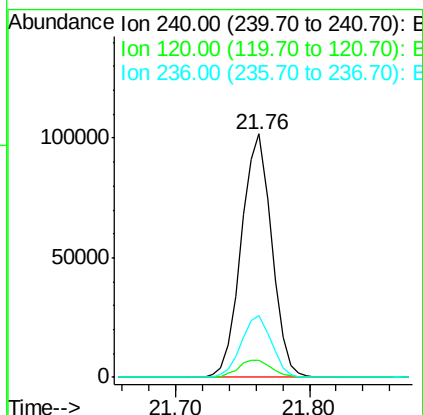
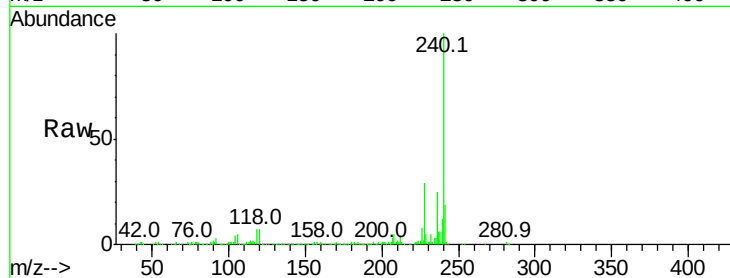




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.76 min Scan# 3221
 Delta R.T. -0.03 min
 Lab File: BG020000.D
 Acq: 8 Dec 2015 3:21

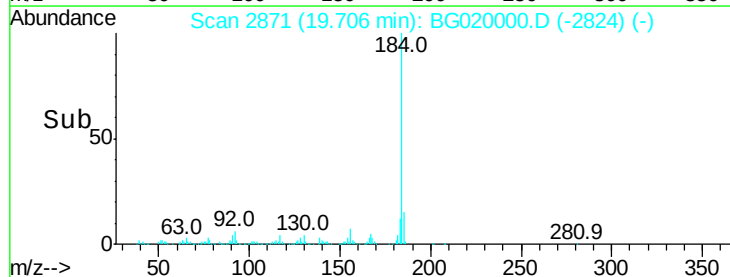
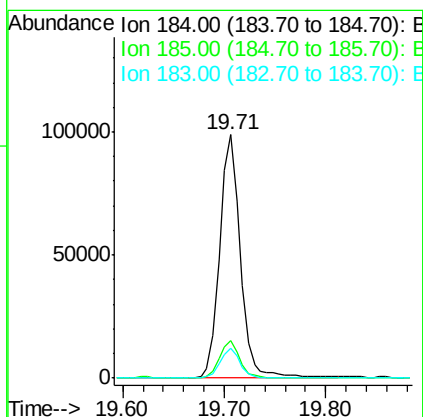
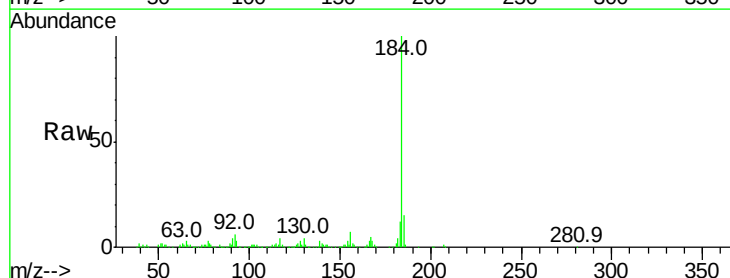
Instrument :
 BNA_G
 ClientSampleId :
 MW-11BMS

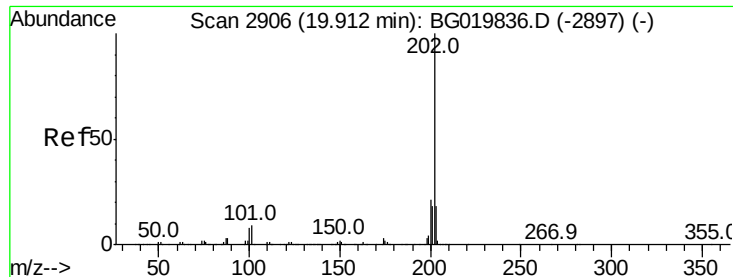
Tot Ion:240 Resp: 159518
 Ion Ratio Lower Upper
 240 100
 120 7.0 7.4 11.0#
 236 25.2 20.7 31.1



#76
 Benzidine
 Concen: 26.91 ng
 RT: 19.71 min Scan# 2871
 Delta R.T. -0.02 min
 Lab File: BG020000.D
 Acq: 8 Dec 2015 3:21

Tgt Ion:184 Resp: 140981
 Ion Ratio Lower Upper
 184 100
 185 15.3 13.4 20.2
 183 12.3 10.1 15.1





#77

Pvrene

Concen: 48.76 ng

RT: 19.89 min Scan# 2903

Delta R.T. -0.02 min

Lab File: BG020000.D

Acq: 8 Dec 2015 3:21

Instrument :

BNA_G

ClientSampleId :

MW-11BMS

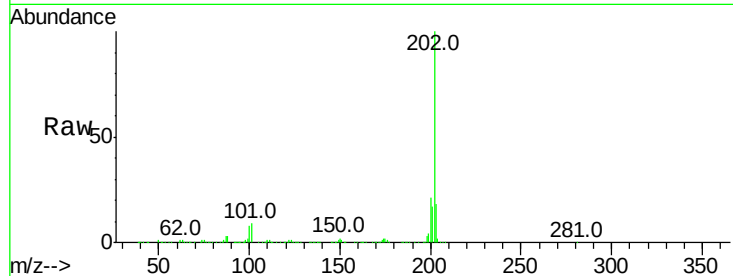
Tot Ion:202 Resp: 457622

Ion Ratio Lower Upper

202 100

200 21.2 19.4 29.0

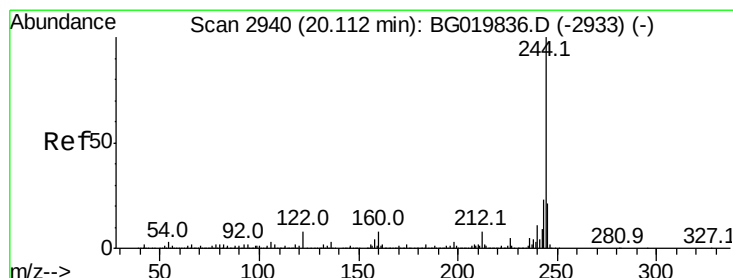
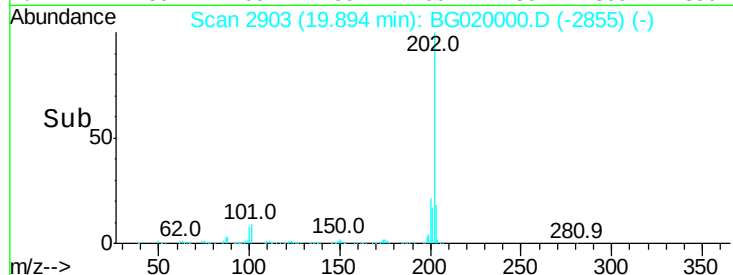
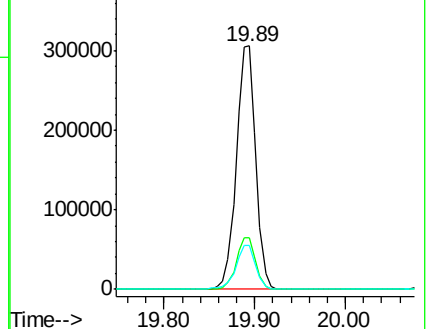
203 18.0 15.5 23.3



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 88.70 ng

RT: 20.09 min Scan# 2936

Delta R.T. -0.02 min

Lab File: BG020000.D

Acq: 8 Dec 2015 3:21

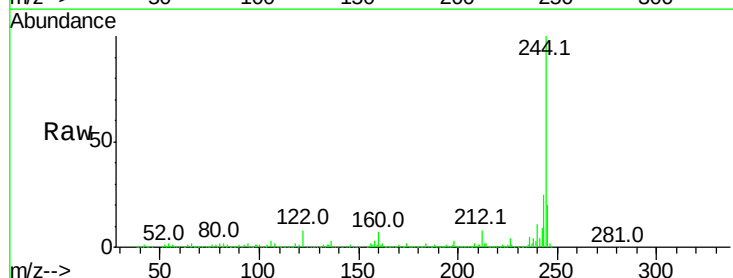
Tgt Ion:244 Resp: 580110

Ion Ratio Lower Upper

244 100

212 8.2 6.9 10.3

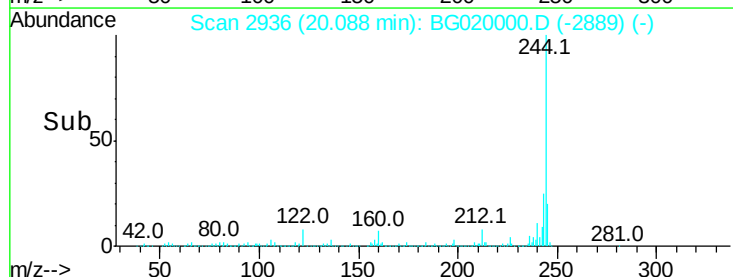
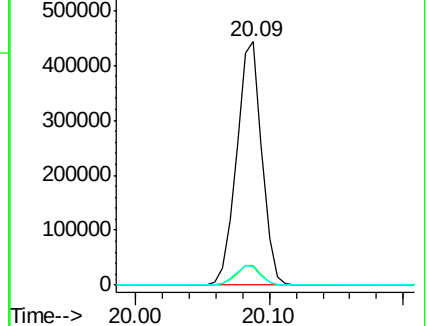
122 7.7 10.2 15.2#

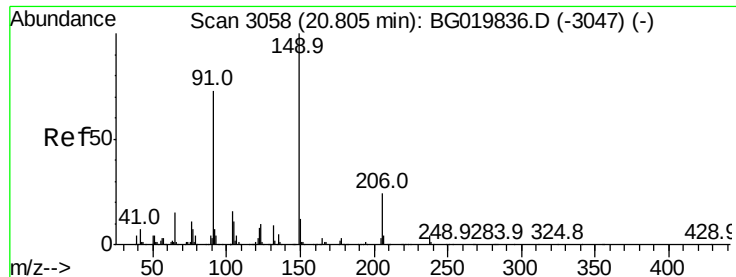


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 48.56 ng

RT: 20.77 min Scan# 3052

Delta R.T. -0.04 min

Lab File: BG020000.D

Acq: 8 Dec 2015 3:21

Instrument :

BNA_G

ClientSampleId :

MW-11BMS

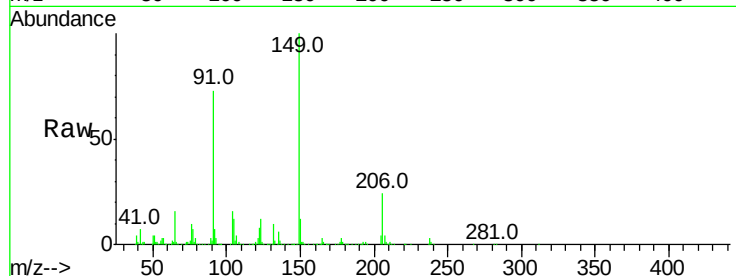
Tot Ion:149 Resp: 178634

Ion Ratio Lower Upper

149 100

91 73.3 58.1 87.1

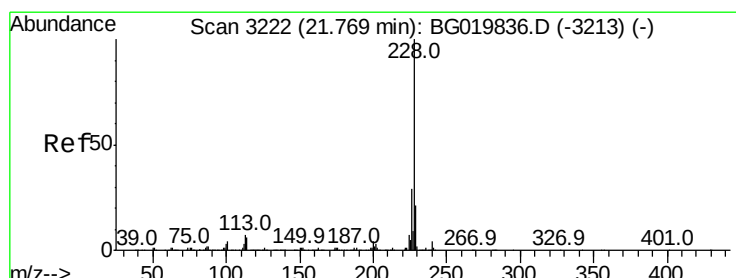
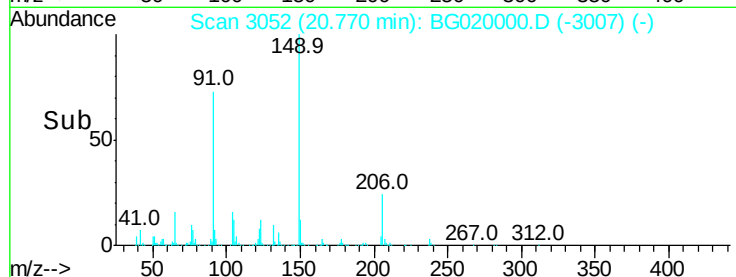
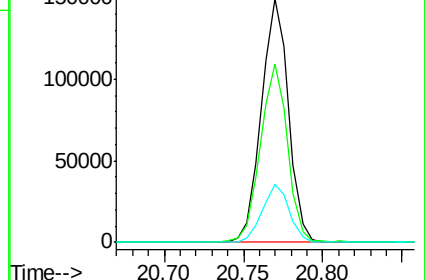
206 24.0 17.8 26.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 47.48 ng

RT: 21.74 min Scan# 3217

Delta R.T. -0.03 min

Lab File: BG020000.D

Acq: 8 Dec 2015 3:21

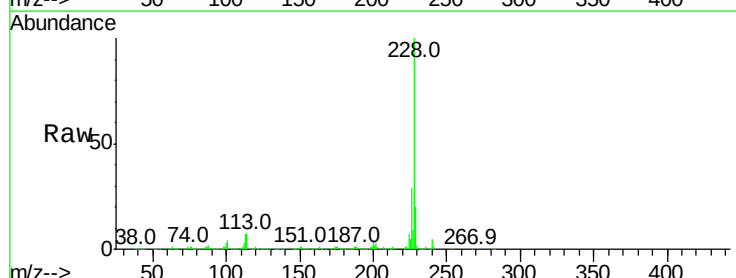
Tgt Ion:228 Resp: 463628

Ion Ratio Lower Upper

228 100

226 28.5 23.4 35.0

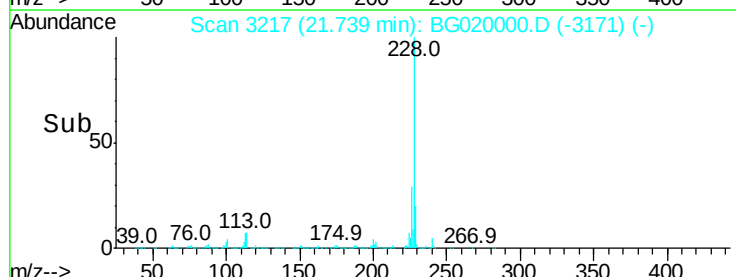
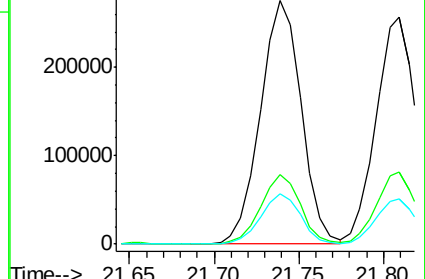
229 20.4 16.6 25.0

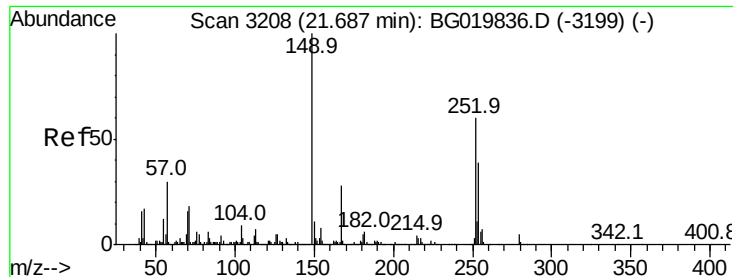


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

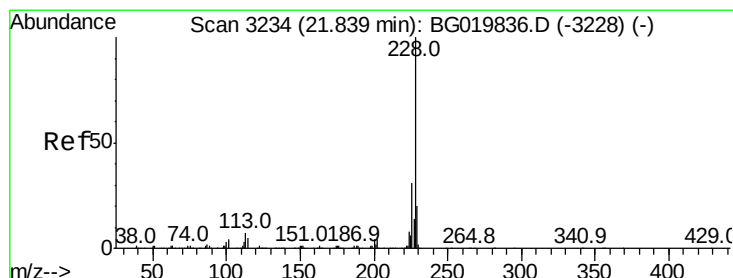
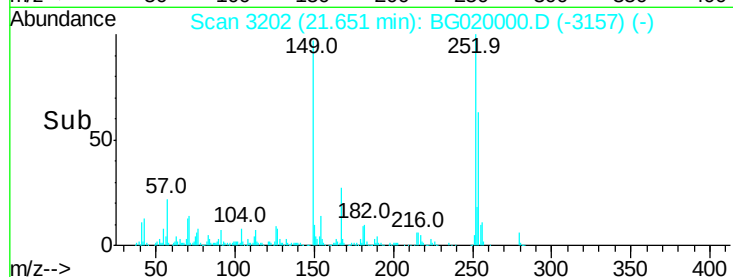
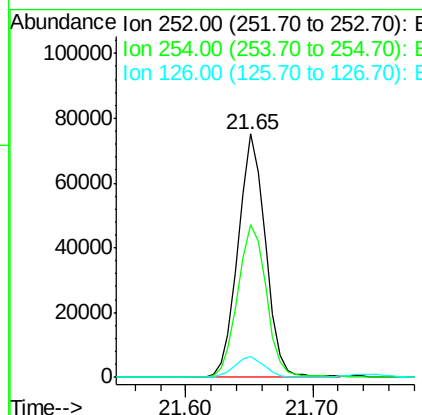
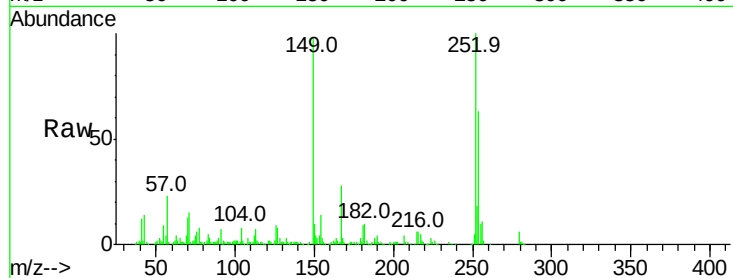




#81
 3,3'-Dichlorobenzidine
 Concen: 30.35 ng
 RT: 21.65 min Scan# 3202
 Delta R.T. -0.04 min
 Lab File: BG020000.D
 Acq: 8 Dec 2015 3:21

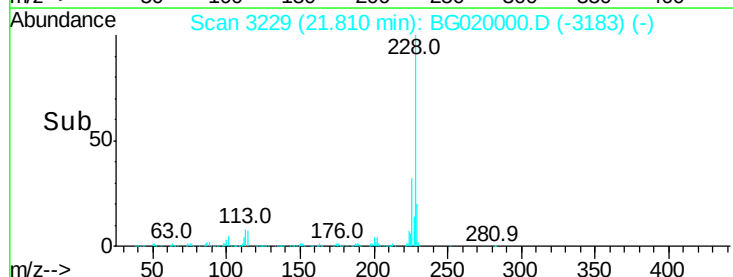
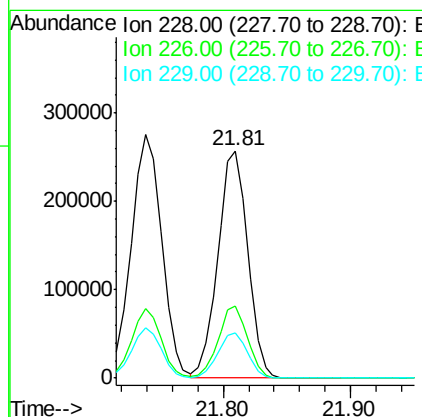
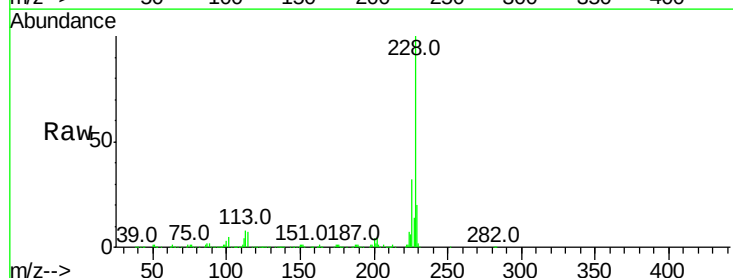
Instrument :
 BNA_G
 ClientSampleId :
 MW-11BMS

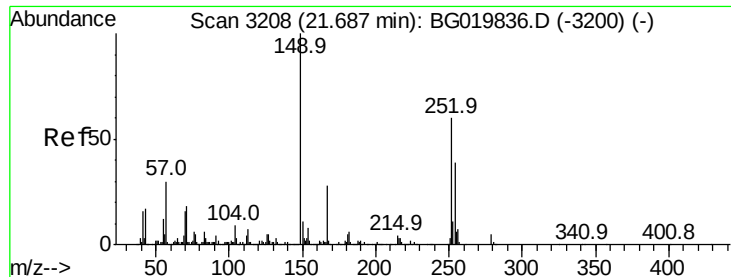
Tot Ion:252 Resp: 112870
 Ion Ratio Lower Upper
 252 100
 254 62.7 52.5 78.7
 126 8.8 8.5 12.7



#82
 Chrysene
 Concen: 45.32 ng
 RT: 21.81 min Scan# 3229
 Delta R.T. -0.03 min
 Lab File: BG020000.D
 Acq: 8 Dec 2015 3:21

Tgt Ion:228 Resp: 420164
 Ion Ratio Lower Upper
 228 100
 226 31.5 26.7 40.1
 229 19.7 17.0 25.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 48.05 ng

RT: 21.64 min Scan# 3200

Delta R.T. -0.05 min

Lab File: BG020000.D

Acq: 8 Dec 2015 3:21

Instrument :

BNA_G

ClientSampleId :

MW-11BMS

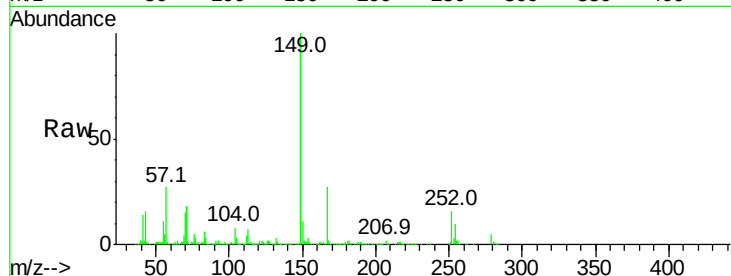
Tot Ion:149 Resp: 259399

Ion Ratio Lower Upper

149 100

167 27.1 23.8 35.8

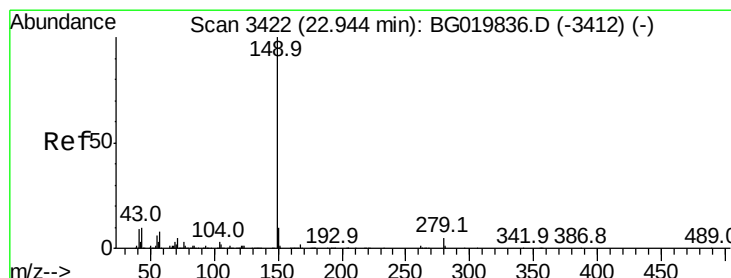
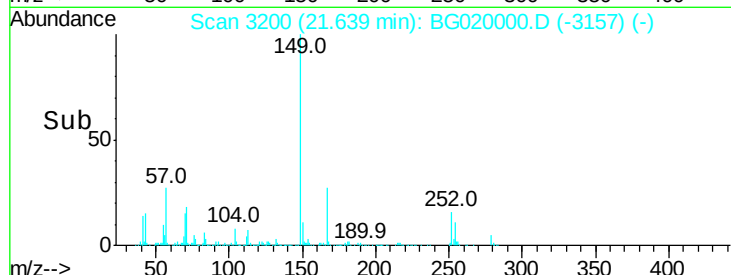
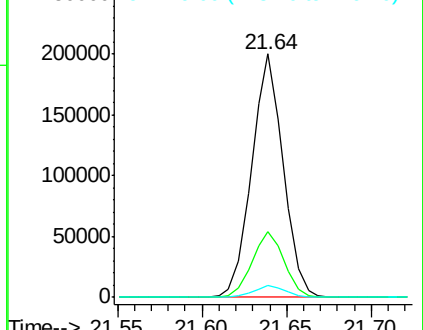
279 4.9 3.4 5.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 50.92 ng

RT: 22.87 min Scan# 3410

Delta R.T. -0.07 min

Lab File: BG020000.D

Acq: 8 Dec 2015 3:21

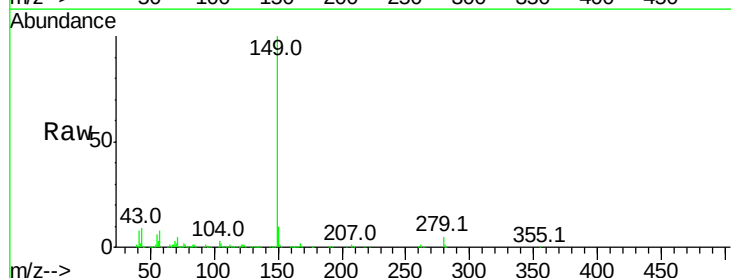
Tgt Ion:149 Resp: 446880

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

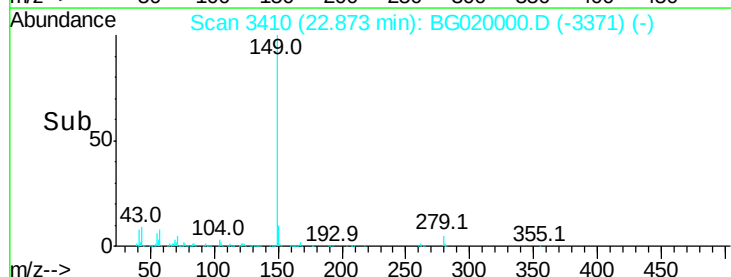
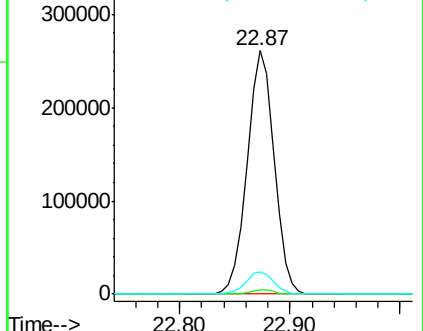
43 9.3 5.9 8.9#

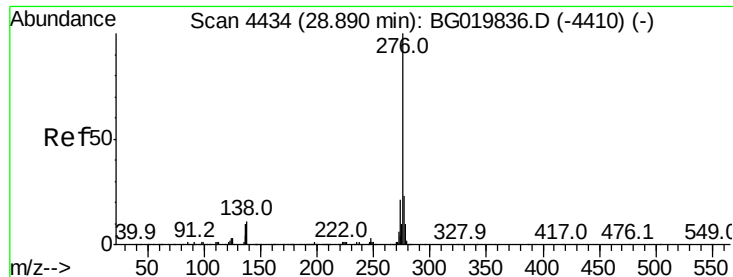


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG0





#85

Indeno(1,2,3-cd)pyrene

Concen: 49.36 ng

RT: 28.79 min Scan# 4417

Delta R.T. -0.10 min

Lab File: BG020000.D

Acq: 8 Dec 2015 3:21

Instrument :

BNA_G

ClientSampleId :

MW-11BMS

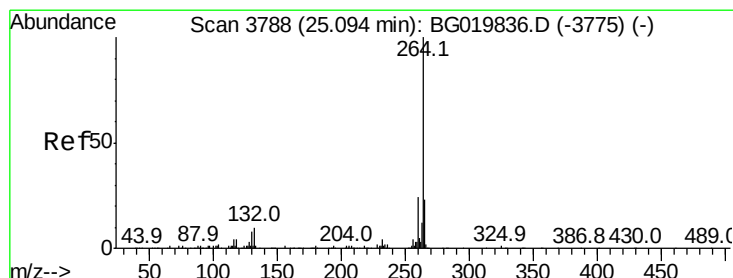
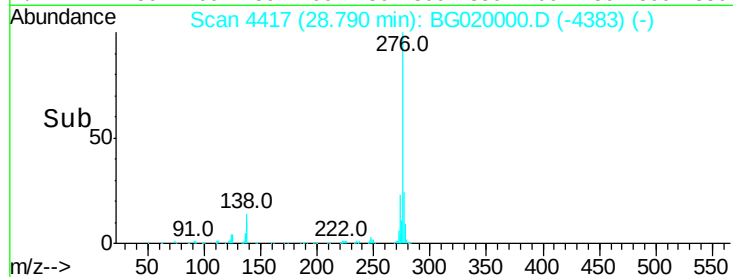
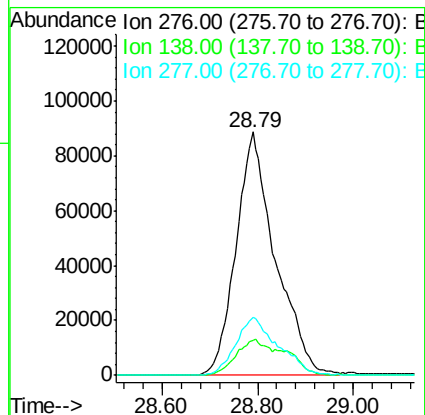
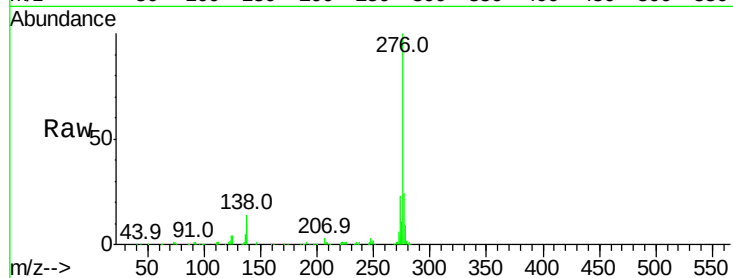
Tot Ion:276 Resp: 504120

Ion Ratio Lower Upper

276 100

138 12.0 0.0 0.0#

277 25.6 0.0 0.0#



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.04 min Scan# 3779

Delta R.T. -0.05 min

Lab File: BG020000.D

Acq: 8 Dec 2015 3:21

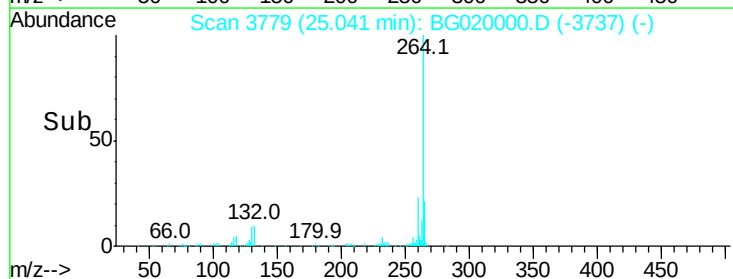
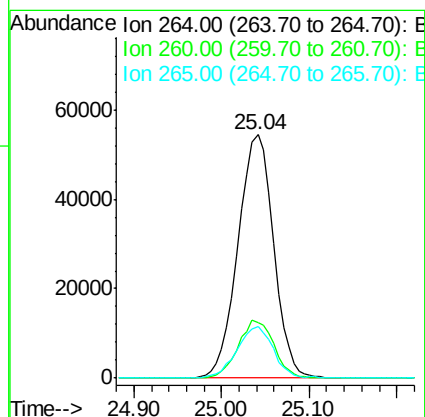
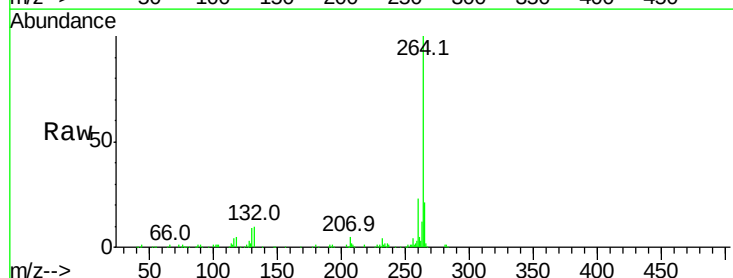
Tgt Ion:264 Resp: 150189

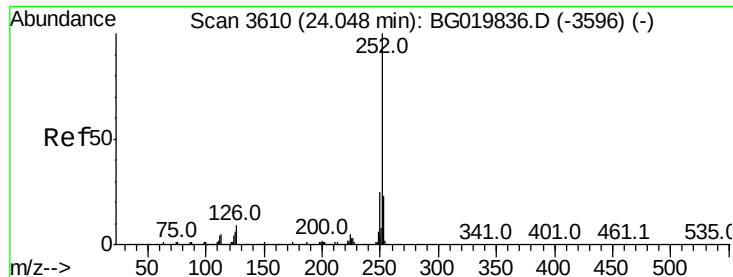
Ion Ratio Lower Upper

264 100

260 22.6 18.5 27.7

265 21.3 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 46.89 ng

RT: 24.00 min Scan# 3601

Delta R.T. -0.05 min

Lab File: BG020000.D

Acq: 8 Dec 2015 3:21

Instrument :

BNA_G

ClientSampleId :

MW-11BMS

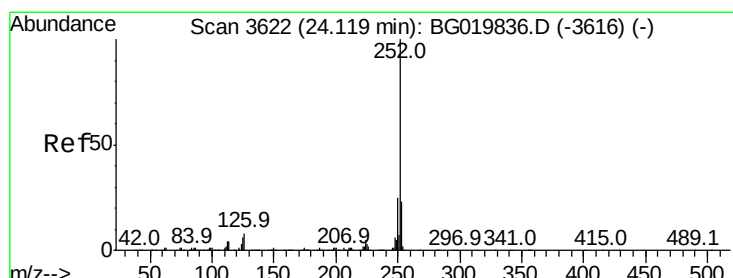
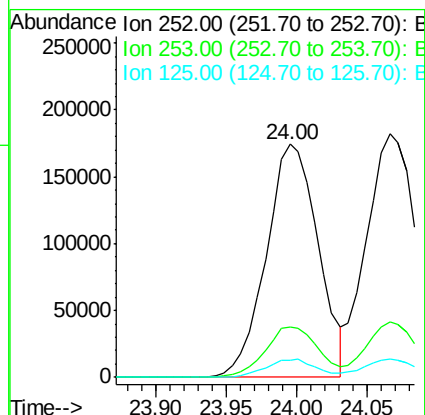
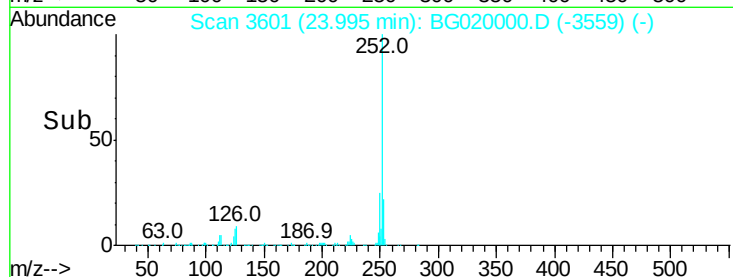
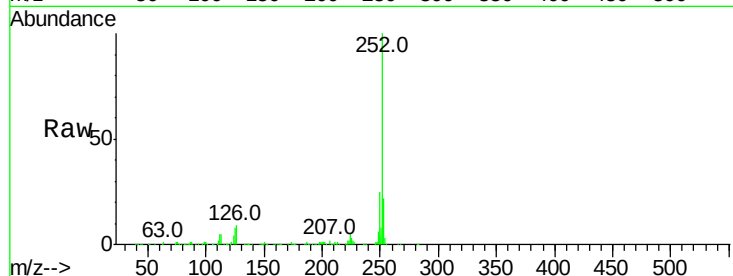
Tot Ion:252 Resp: 446324

Ion Ratio Lower Upper

252 100

253 21.7 19.1 28.7

125 7.5 8.9 13.3#



#88

Benzo(k)fluoranthene

Concen: 46.75 ng

RT: 24.07 min Scan# 3613

Delta R.T. -0.05 min

Lab File: BG020000.D

Acq: 8 Dec 2015 3:21

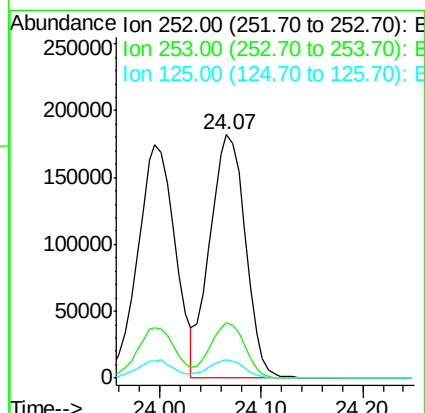
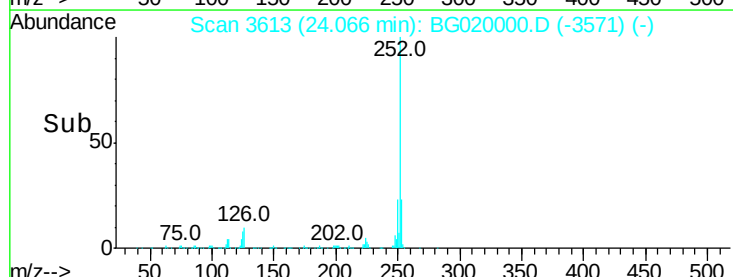
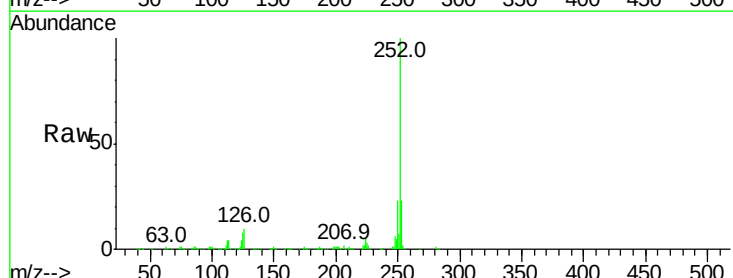
Tgt Ion:252 Resp: 440723

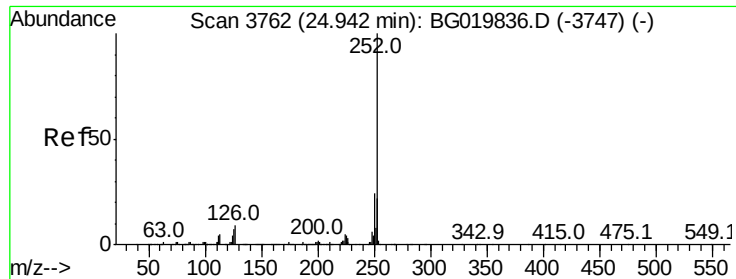
Ion Ratio Lower Upper

252 100

253 22.6 19.0 28.4

125 7.6 8.9 13.3#





#89

Benzo(a)pyrene

Concen: 47.41 ng

RT: 24.89 min Scan# 3753

Delta R.T. -0.05 min

Lab File: BG020000.D

Acq: 8 Dec 2015 3:21

Instrument :

BNA_G

ClientSampleId :

MW-11BMS

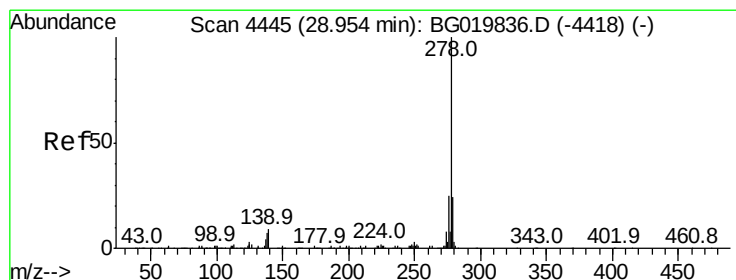
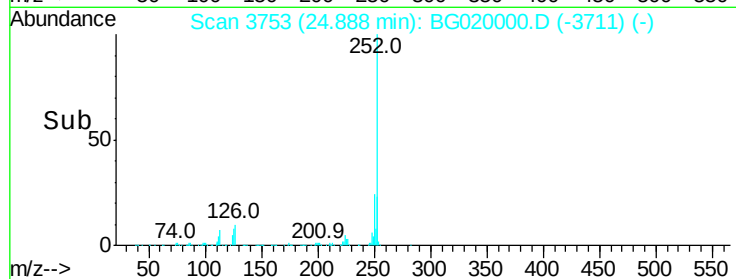
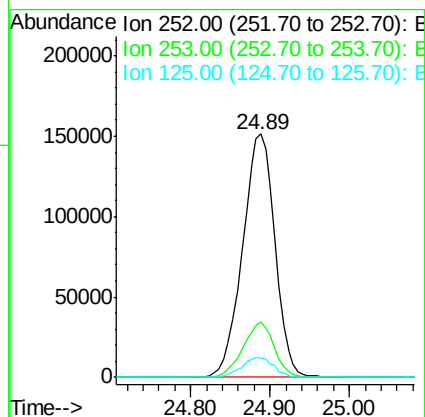
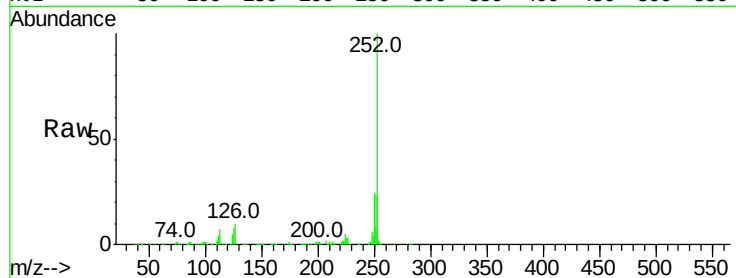
Tot Ion:252 Resp: 428484

Ion Ratio Lower Upper

252 100

253 22.6 18.7 28.1

125 8.0 9.1 13.7#



#90

Dibenzo(a,h)anthracene

Concen: 47.12 ng

RT: 28.86 min Scan# 4429

Delta R.T. -0.09 min

Lab File: BG020000.D

Acq: 8 Dec 2015 3:21

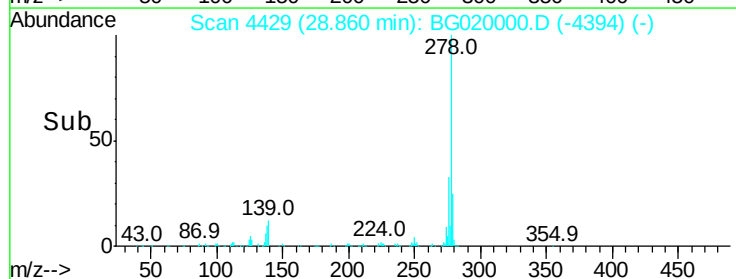
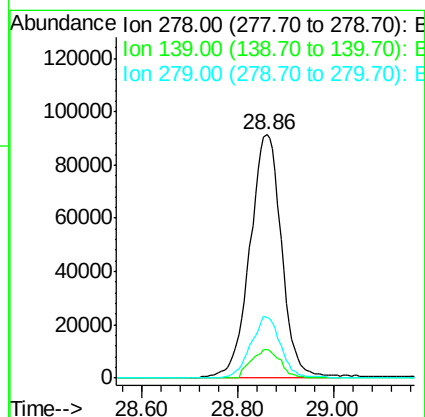
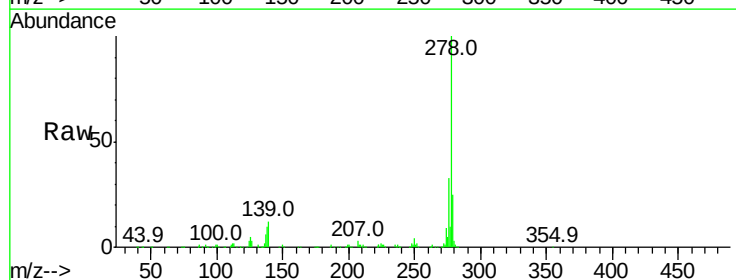
Tgt Ion:278 Resp: 420749

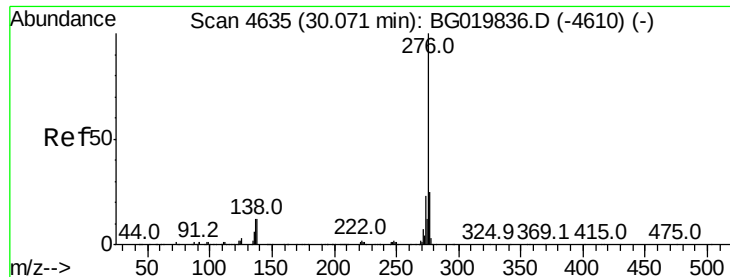
Ion Ratio Lower Upper

278 100

139 11.9 13.8 20.6#

279 24.6 19.4 29.0





#91

Benzo(a,h,i)perylene

Concen: 47.71 ng

RT: 29.96 min Scan# 4617

Delta R.T. -0.11 min

Lab File: BG020000.D

Acq: 8 Dec 2015 3:21

Instrument :

BNA_G

ClientSampleId :

MW-11BMS

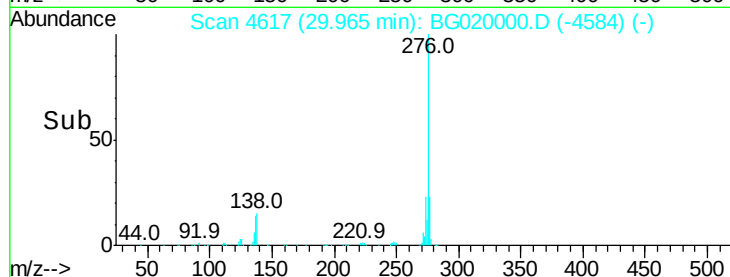
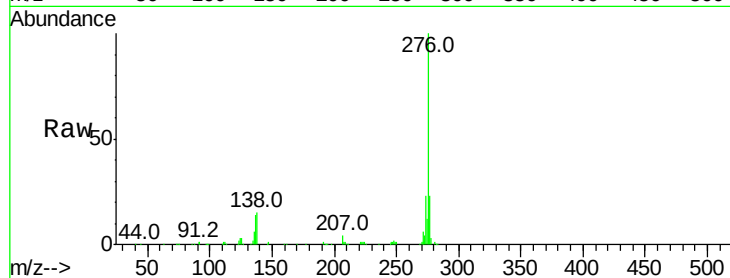
Tot Ion:276 Resp: 418280

Ion Ratio Lower Upper

276 100

277 23.0 18.4 27.6

138 15.2 17.4 26.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

