

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060816\
 Data File : BG022234.D
 Acq On : 8 Jun 2016 12:44
 Operator : UM/SJ
 Sample : H3402-05MS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-16MS

Quant Time: Jun 08 17:51:40 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 06 16:12:45 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	27087	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	139123	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	87816	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	196018	20.00	ng	0.00
75) Chrysene-d12	21.77	240	186342	20.00	ng	0.00
86) Perylene-d12	25.06	264	178894	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	251248	179.34	ng	0.00
7) Phenol-d6	7.28	99	381006	172.97	ng	0.00
23) Nitrobenzene-d5	9.29	82	199885	100.17	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	145464	146.60	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	537635	93.30	ng	0.00
78) Terphenyl-d14	20.08	244	732639	93.34	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.51	88	23102	34.39	ng	# 82
3) Pyridine	3.92	79	68634	37.81	ng	98
4) n-Nitrosodimethylamine	3.84	42	20440	50.36	ng	84
6) Aniline	7.44	93	99943	35.71	ng	# 83
8) 2-Chlorophenol	7.68	128	110347	56.99	ng	# 79
9) Benzaldehyde	7.26	77	6059	5.00	ng	# 77
10) Phenol	7.30	94	135462	59.65	ng	84
11) bis(2-Chloroethyl)ether	7.53	93	92465	51.07	ng	# 72
12) 1,3-Dichlorobenzene	8.01	146	96384	46.44	ng	# 90
13) 1,4-Dichlorobenzene	8.15	146	99903	48.31	ng	94
14) 1,2-Dichlorobenzene	8.47	146	99064	47.52	ng	95
15) Benzyl Alcohol	8.35	79	72542	50.97	ng	# 86
16) 2,2'-oxybis(1-Chloropropan	8.65	45	91777	48.85	ng	82
17) 2-Methylphenol	8.57	107	94985	56.05	ng	# 86
18) Hexachloroethane	9.21	117	36043	47.73	ng	# 79
19) n-Nitroso-di-n-propylamine	8.92	70	72350	48.52	ng	# 69
20) 3+4-Methylphenols	8.89	107	132822	54.64	ng	95
22) Acetophenone	8.95	105	150077	50.06	ng	# 81
24) Nitrobenzene	9.33	77	103824	51.74	ng	# 82
25) Isophorone	9.85	82	220849	47.30	ng	# 93
26) 2-Nitrophenol	10.05	139	55696	51.18	ng	# 74
27) 2,4-Dimethylphenol	10.10	122	105589	53.61	ng	89
28) bis(2-Chloroethoxy)methane	10.33	93	135772	50.76	ng	94
29) 2,4-Dichlorophenol	10.59	162	105732	57.95	ng	96
30) 1,2,4-Trichlorobenzene	10.79	180	101084	49.58	ng	94
31) Naphthalene	10.99	128	345353	49.73	ng	# 97
32) Benzoic acid	10.20	122	5898	16.66	ng	# 56
33) 4-Chloroaniline	11.10	127	61066	21.15	ng	# 90
34) Hexachlorobutadiene	11.26	225	51749	47.28	ng	95
35) Caprolactam	11.87	113	44481m	44.44	ng	
36) 4-Chloro-3-methylphenol	12.21	107	117961	54.54	ng	# 82
37) 2-Methylnaphthalene	12.58	142	252031	49.16	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	113232	50.09	ng	99
40) Hexachlorocyclopentadiene	12.92	237	101719	87.73	ng	98

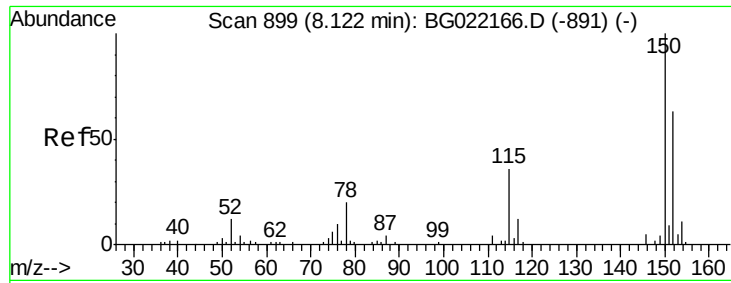
Data Path : Z:\HPCHEM1\BNA G\DATA\BG060816\
 Data File : BG022234.D
 Acq On : 8 Jun 2016 12:44
 Operator : UM/SJ
 Sample : H3402-05MS
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 06 16:12:45 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.19	196	82956	54.70	nq	98
43) 2,4,5-Trichlorophenol	13.27	196	87290	52.10	nq	95
45) 1,1'-Biphenyl	13.58	154	332270	50.28	nq	95
46) 2-Chloronaphthalene	13.63	162	260020	51.33	nq	97
47) 2-Nitroaniline	13.84	65	60015	49.68	nq	# 42
48) Acenaphthylene	14.47	152	443454	49.89	nq	97
49) Dimethylphthalate	14.19	163	441083	60.58	nq	99
50) 2,6-Dinitrotoluene	14.32	165	79716	50.36	nq	# 76
51) Acenaphthene	14.81	154	261215	49.05	nq	98
52) 3-Nitroaniline	14.66	138	54489	31.04	nq	# 80
53) 2,4-Dinitrophenol	14.87	184	31772	53.37	nq	# 74
54) Dibenzofuran	15.15	168	412854	49.68	nq	97
55) 4-Nitrophenol	14.98	139	125355	103.46	nq	# 72
56) 2,4-Dinitrotoluene	15.11	165	107697	50.72	nq	# 81
57) Fluorene	15.79	166	348783	48.72	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.37	232	76701	51.04	nq	95
59) Diethylphthalate	15.55	149	362384	46.59	nq	99
60) 4-Chlorophenyl-phenylether	15.77	204	161962	49.96	nq	93
61) 4-Nitroaniline	15.82	138	84314	45.28	nq	# 75
62) Azobenzene	16.07	77	296018	50.26	nq	86
64) 4,6-Dinitro-2-methylphenol	15.87	198	42631	43.48	nq	84
65) n-Nitrosodiphenylamine	15.99	169	298442	52.85	nq	99
66) 4-Bromophenyl-phenylether	16.67	248	95074	51.76	nq	96
67) Hexachlorobenzene	16.80	284	105995	49.51	nq	96
68) Atrazine	16.93	200	100006	47.84	nq	96
69) Pentachlorophenol	17.14	266	100776	101.82	nq	99
70) Phenanthrene	17.53	178	532516	50.02	nq	99
71) Anthracene	17.63	178	525721	49.79	nq	98
72) Carbazole	17.90	167	494386	49.44	nq	99
73) Di-n-butylphthalate	18.43	149	631660	48.32	nq	98
74) Fluoranthene	19.54	202	593597	48.50	nq	97
76) Benzidine	19.72	184	208000	42.69	nq	99
77) Pyrene	19.89	202	592059	51.11	nq	100
79) Butylbenzylphthalate	20.76	149	273548	50.92	nq	91
80) Benzo(a)anthracene	21.74	228	526458	50.38	nq	99
81) 3,3'-Dichlorobenzidine	21.66	252	89784	30.61	nq	99
82) Chrysene	21.81	228	505154	49.68	nq	99
83) Bis(2-ethylhexyl)phthalate	21.62	149	407024	51.52	nq	96
84) Di-n-octyl phthalate	22.85	149	682113	52.00	nq	# 86
85) Indeno(1,2,3-cd)pyrene	28.84	276	586425	51.41	nq	100
87) Benzo(b)fluoranthene	24.01	252	515402	49.40	nq	# 96
88) Benzo(k)fluoranthene	24.08	252	513127	49.96	nq	# 97
89) Benzo(a)pyrene	24.91	252	499609	50.08	nq	98
90) Dibenzo(a,h)anthracene	28.89	278	483675	51.48	nq	# 94
91) Benzo(g,h,i)perylene	30.02	276	493277	50.46	nq	# 95

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

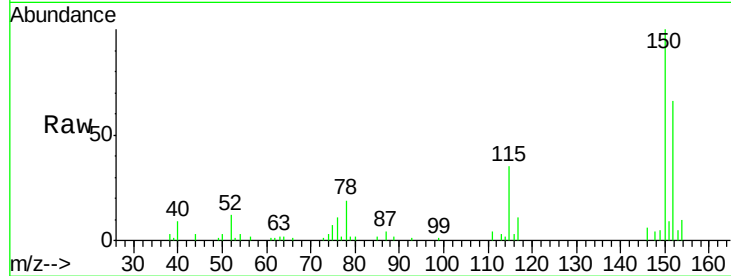


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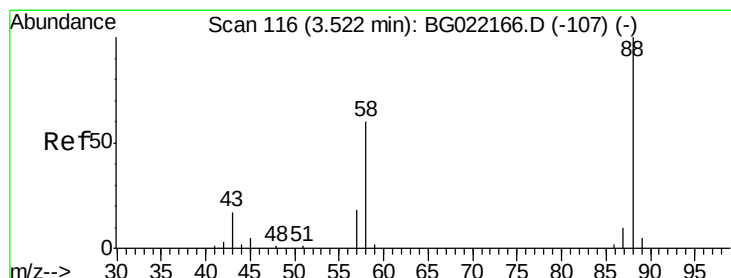
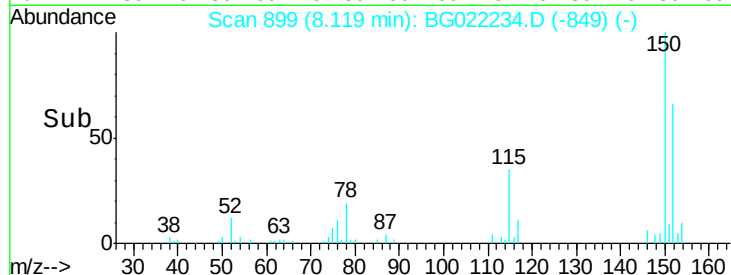
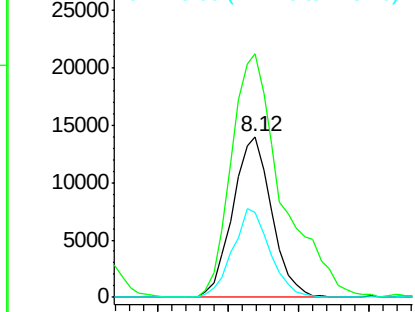
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.12 min Scan# 899
Delta R.T. -0.00 min
Lab File: BG022234.D
Acq: 8 Jun 2016 12:44

Instrument :
BNA_G
ClientSampleId :
SB-16MS

Tot Ion:152 Resp: 27087
Ion Ratio Lower Upper
152 100
150 151.6 130.1 195.1
115 52.8 62.2 93.2#



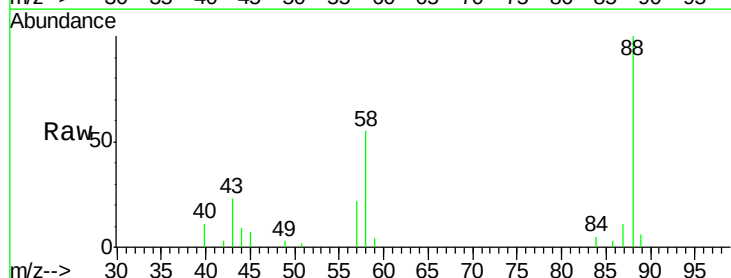
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



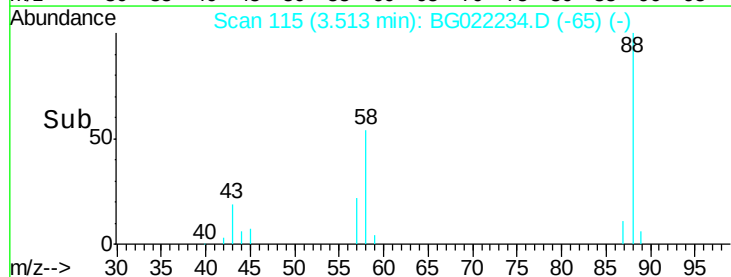
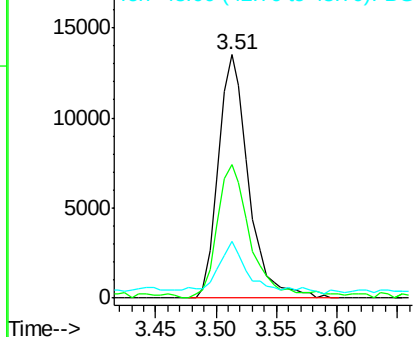
#2

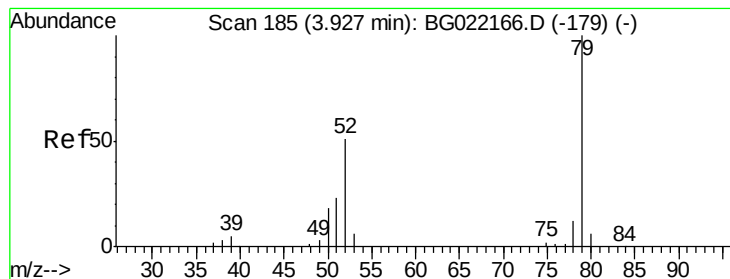
1,4-Dioxane
Concen: 34.39 ng
RT: 3.51 min Scan# 115
Delta R.T. -0.01 min
Lab File: BG022234.D
Acq: 8 Jun 2016 12:44

Tgt Ion: 88 Resp: 23102
Ion Ratio Lower Upper
88 100
58 59.6 36.8 55.2#
43 17.3 10.4 15.6#



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: 37.81 ng

RT: 3.92 min Scan# 184

Delta R.T. -0.01 min

Lab File: BG022234.D

Acq: 8 Jun 2016 12:44

Instrument :

BNA_G

ClientSampleId :

SB-16MS

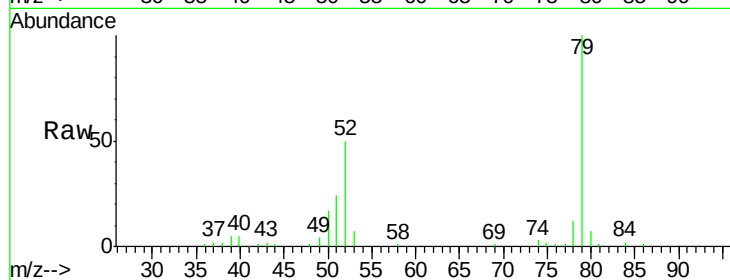
Tot Ion: 79 Resp: 68634

Ion Ratio Lower Upper

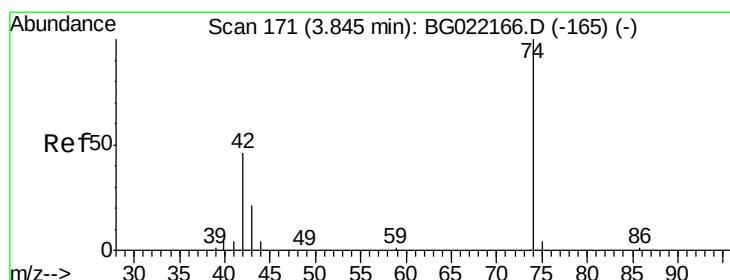
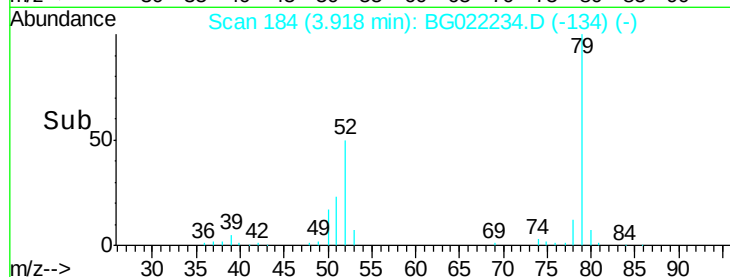
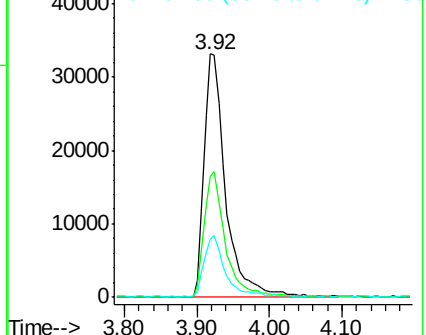
79 100

52 49.6 41.6 62.4

51 23.9 19.2 28.8



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: 50.36 ng

RT: 3.84 min Scan# 171

Delta R.T. -0.00 min

Lab File: BG022234.D

Acq: 8 Jun 2016 12:44

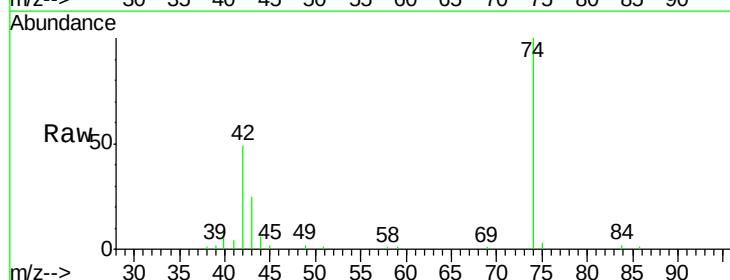
Tgt Ion: 42 Resp: 20440

Ion Ratio Lower Upper

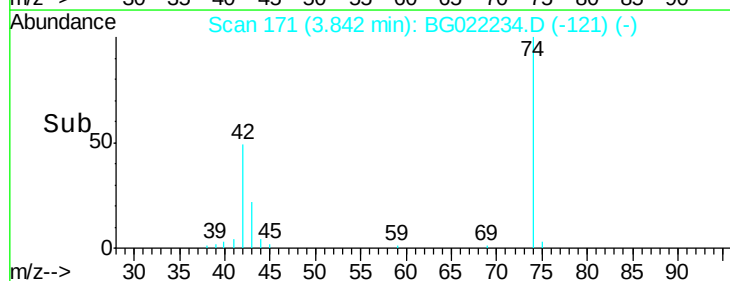
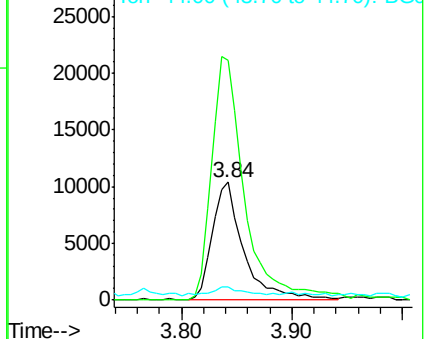
42 100

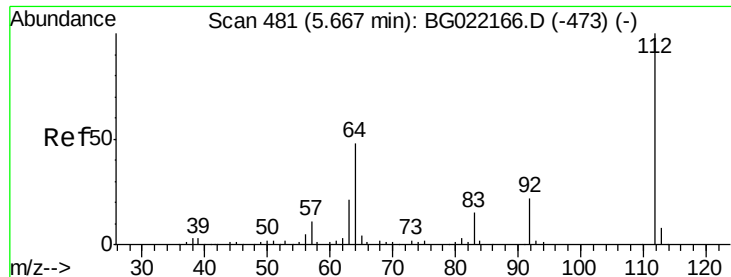
74 202.8 184.0 276.0

44 11.4 11.0 16.6



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: 179.34 ng

RT: 5.66 min Scan# 481

Delta R.T. -0.00 min

Lab File: BG022234.D

Acq: 8 Jun 2016 12:44

Instrument :

BNA_G

ClientSampleId :

SB-16MS

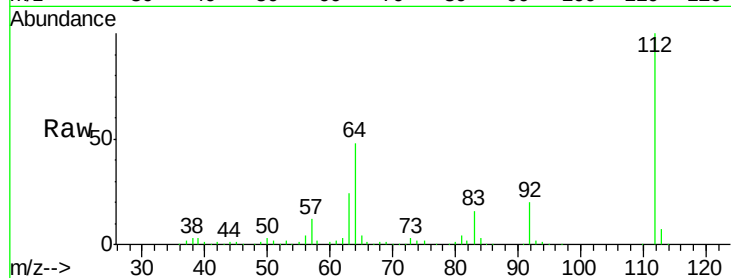
Tot Ion:112 Resp: 251248

Ion Ratio Lower Upper

112 100

64 47.9 51.1 76.7#

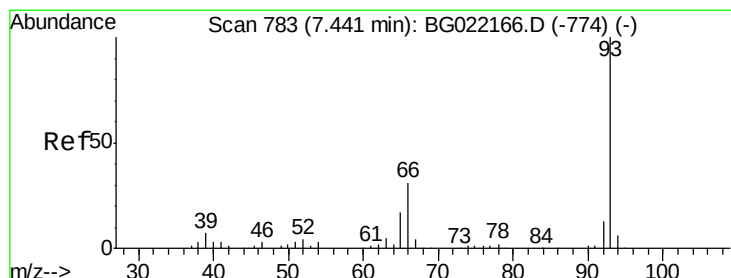
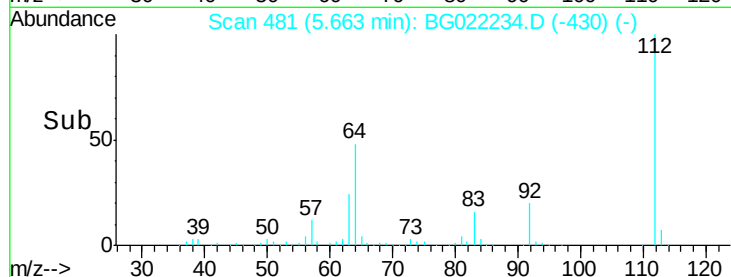
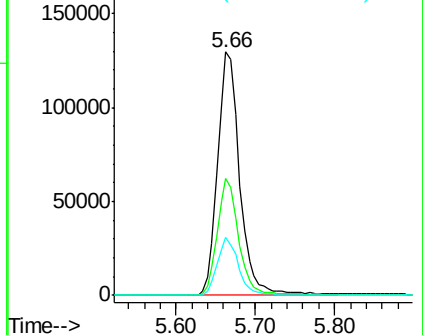
63 23.8 24.6 37.0#



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 35.71 ng

RT: 7.44 min Scan# 783

Delta R.T. -0.00 min

Lab File: BG022234.D

Acq: 8 Jun 2016 12:44

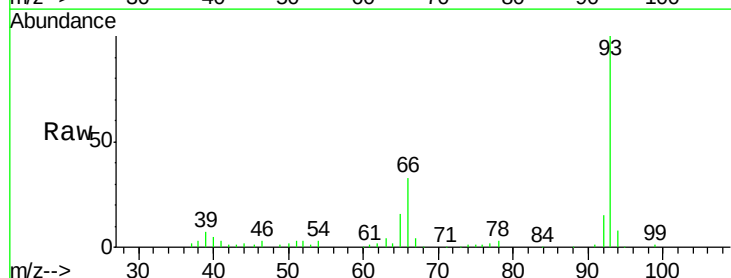
Tgt Ion: 93 Resp: 99943

Ion Ratio Lower Upper

93 100

66 33.0 36.3 54.5#

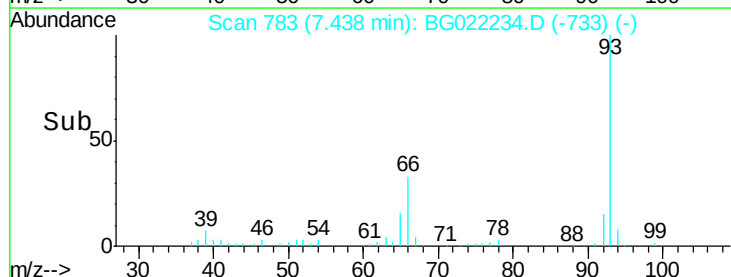
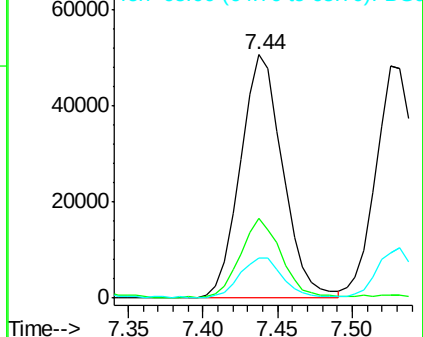
65 16.2 18.4 27.6#

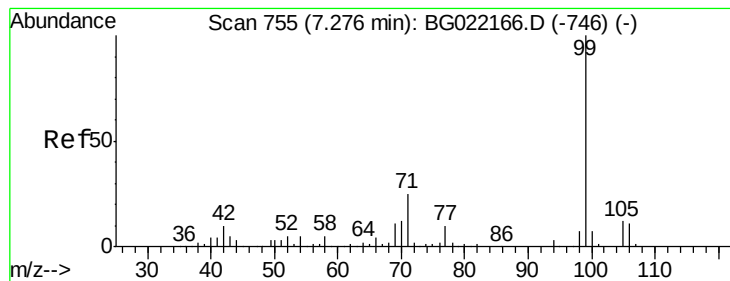


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 172.97 ng

RT: 7.28 min Scan# 756

Delta R.T. 0.00 min

Lab File: BG022234.D

Acq: 8 Jun 2016 12:44

Instrument :

BNA_G

ClientSampleId :

SB-16MS

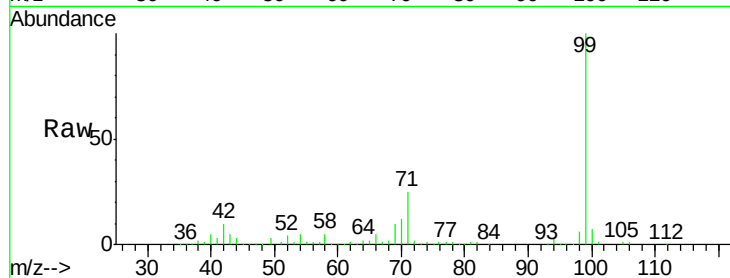
Tot Ion: 99 Resp: 381006

Ion Ratio Lower Upper

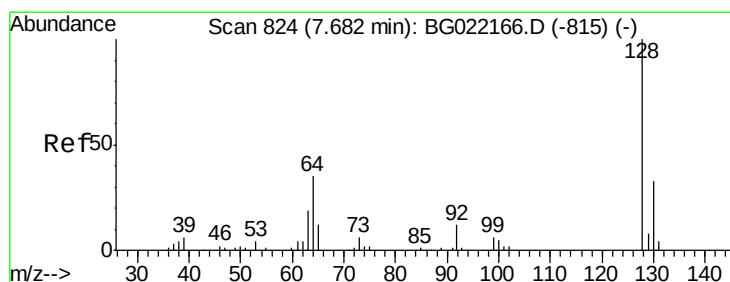
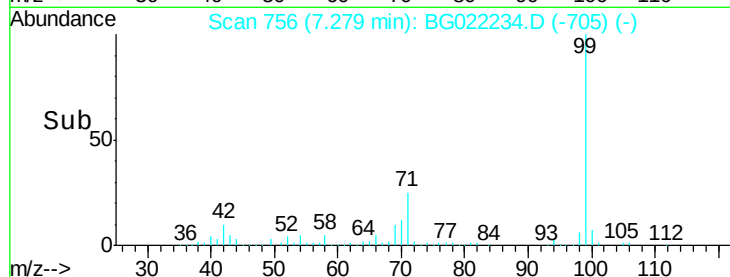
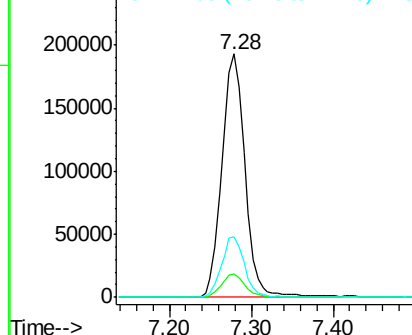
99 100

42 9.8 16.4 24.6#

71 25.1 25.0 37.4



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: 56.99 ng

RT: 7.68 min Scan# 824

Delta R.T. -0.00 min

Lab File: BG022234.D

Acq: 8 Jun 2016 12:44

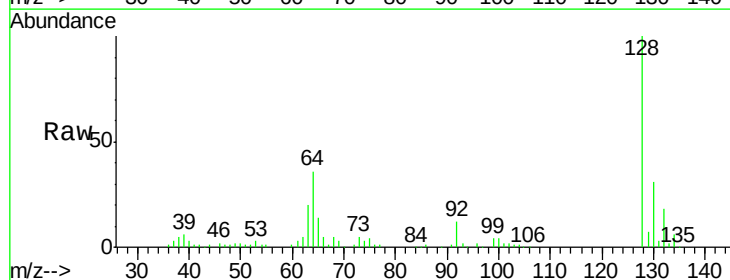
Tgt Ion:128 Resp: 110347

Ion Ratio Lower Upper

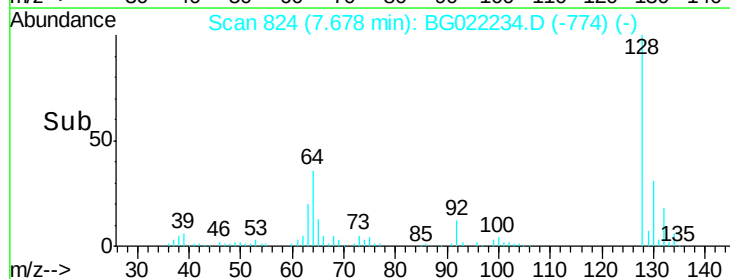
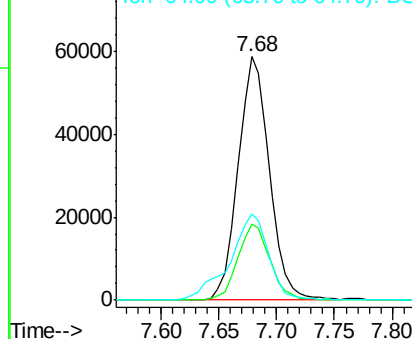
128 100

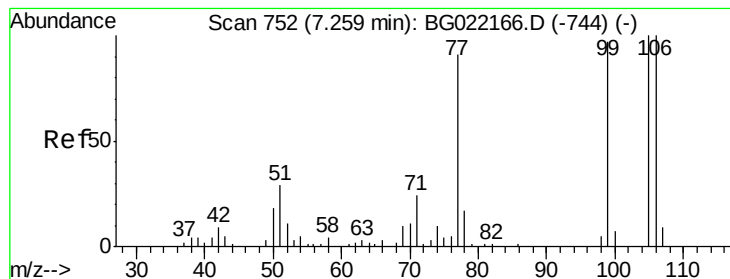
130 31.3 11.2 51.2

64 35.7 39.8 79.8#



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: 5.00 ng

RT: 7.26 min Scan# 753

Delta R.T. 0.00 min

Lab File: BG022234.D

Acq: 8 Jun 2016 12:44

Instrument :

BNA_G

ClientSampled :

SB-16MS

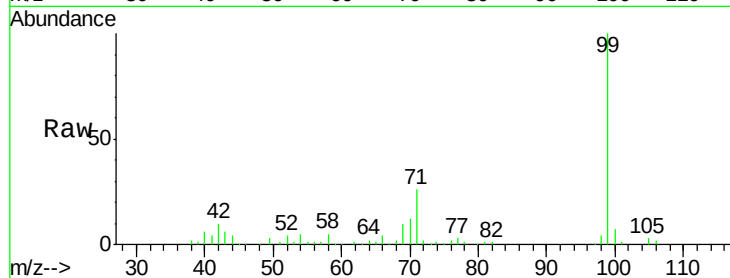
Tot Ion: 77 Resp: 6059

Ion Ratio Lower Upper

77 100

105 115.2 62.1 102.1#

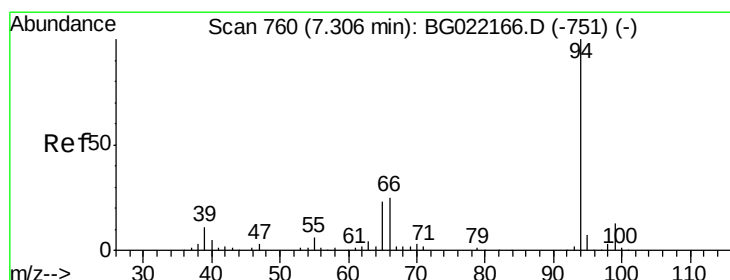
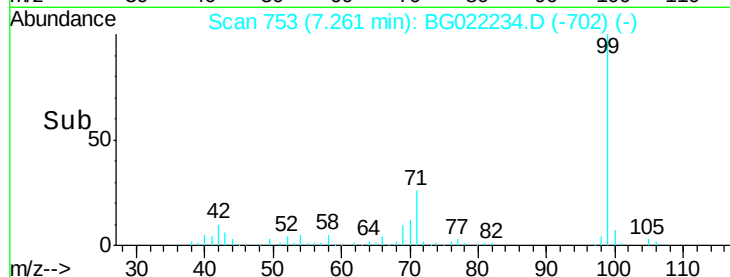
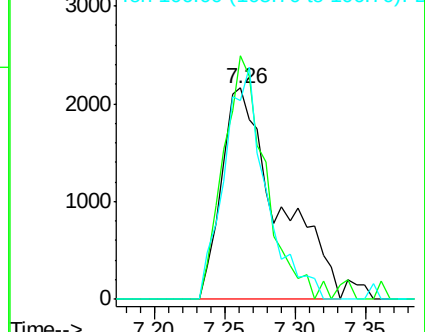
106 93.8 65.6 105.6



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: 59.65 ng

RT: 7.30 min Scan# 760

Delta R.T. -0.00 min

Lab File: BG022234.D

Acq: 8 Jun 2016 12:44

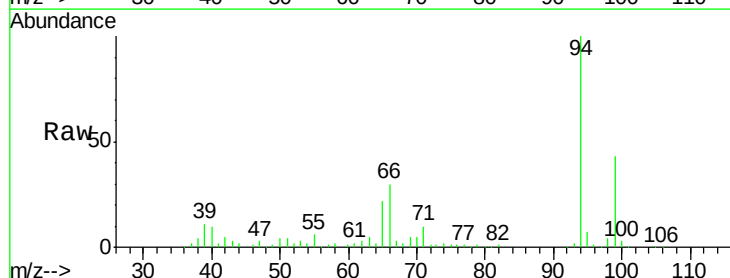
Tgt Ion: 94 Resp: 135462

Ion Ratio Lower Upper

94 100

65 22.1 9.8 49.8

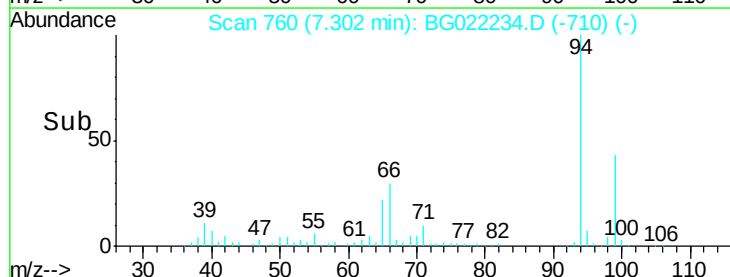
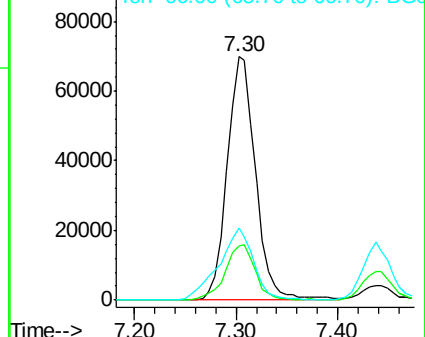
66 29.6 20.8 60.8

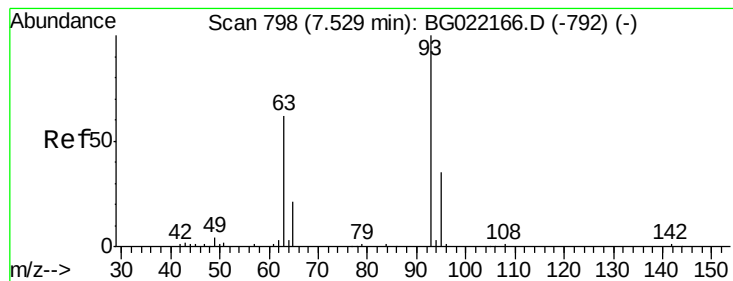


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

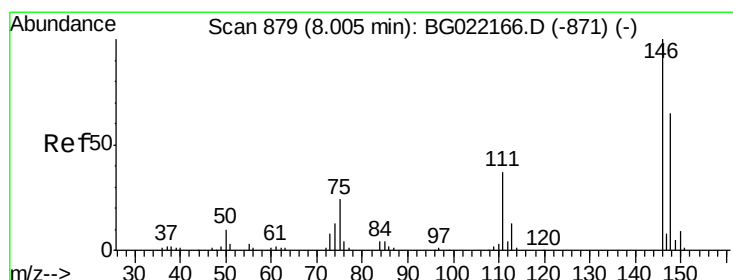
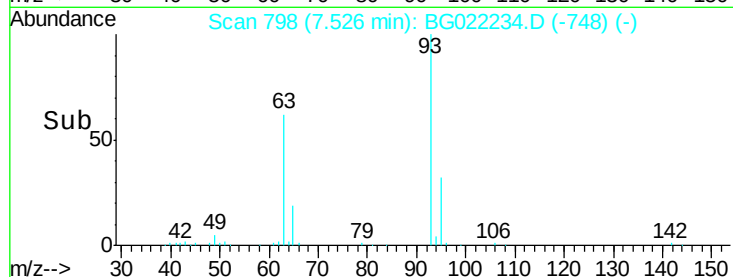
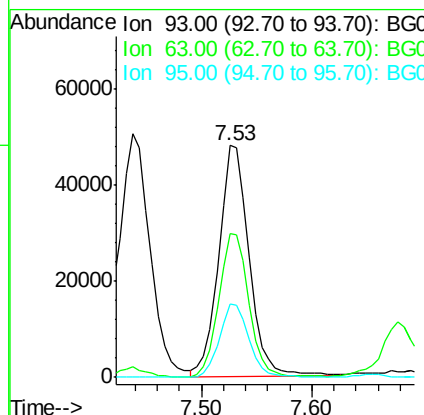
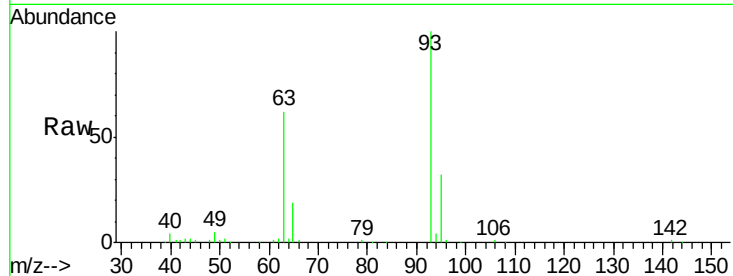




#11
bis(2-Chloroethyl)ether
Concen: 51.07 ng
RT: 7.53 min Scan# 798
Delta R.T. -0.00 min
Lab File: BG022234.D
Acq: 8 Jun 2016 12:44

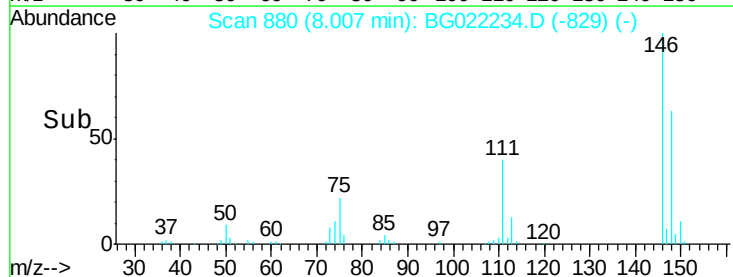
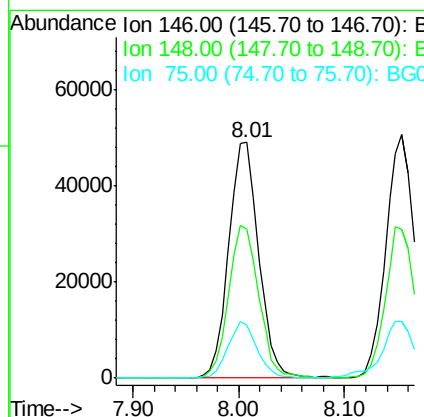
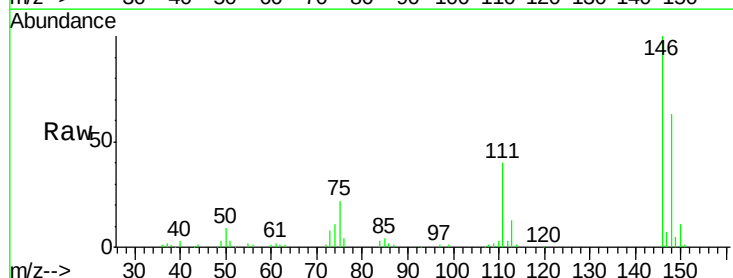
Instrument :
BNA_G
ClientSampleId :
SB-16MS

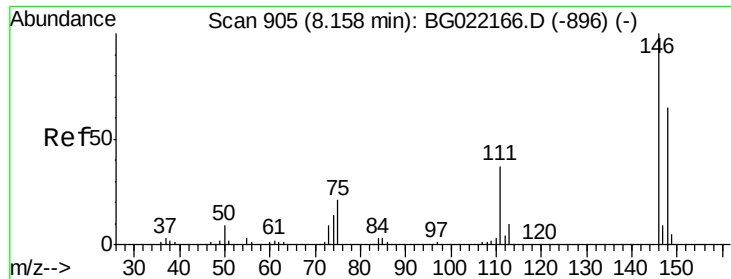
Tot Ion: 93 Resp: 92465
Ion Ratio Lower Upper
93 100
63 61.9 74.9 114.9#
95 31.6 8.3 48.3



#12
1,3-Dichlorobenzene
Concen: 46.44 ng
RT: 8.01 min Scan# 880
Delta R.T. 0.00 min
Lab File: BG022234.D
Acq: 8 Jun 2016 12:44

Tgt Ion: 146 Resp: 96384
Ion Ratio Lower Upper
146 100
148 63.3 53.7 80.5
75 22.2 27.4 41.0#

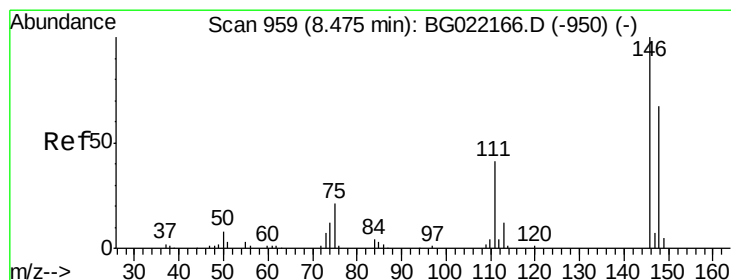
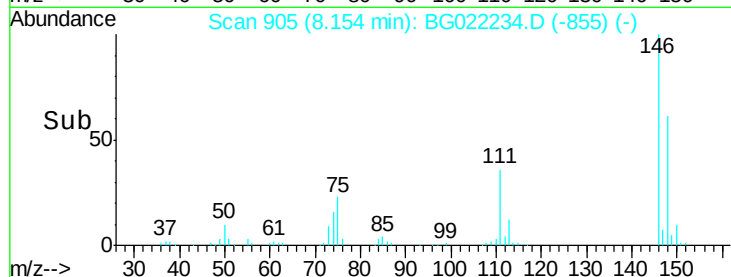
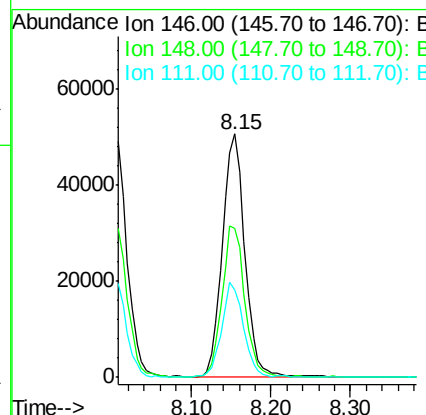
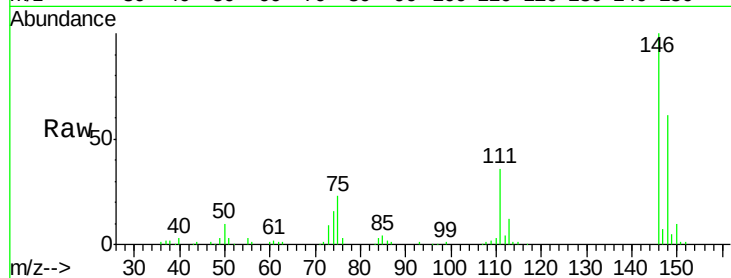




#13
 1,4-Dichlorobenzene
 Concen: 48.31 ng
 RT: 8.15 min Scan# 905
 Delta R.T. -0.00 min
 Lab File: BG022234.D
 Acq: 8 Jun 2016 12:44

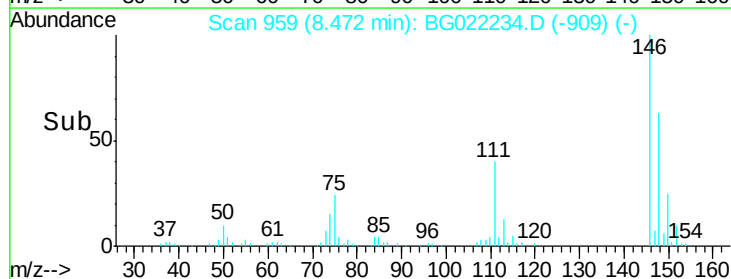
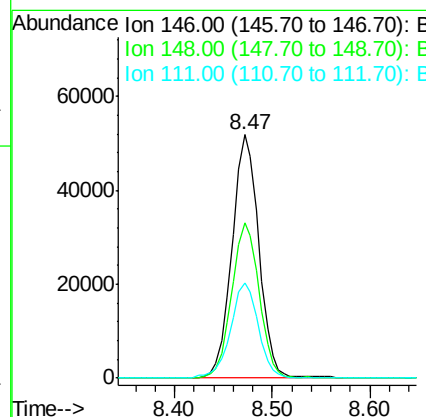
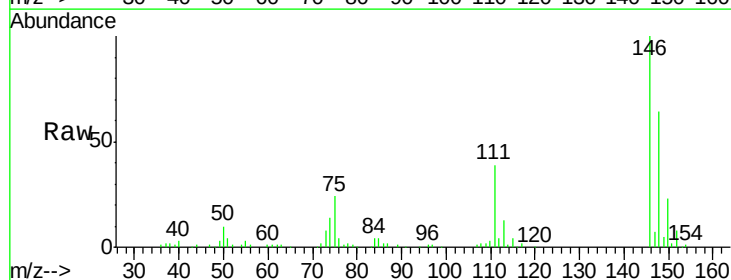
Instrument :
 BNA_G
 ClientSampleId :
 SB-16MS

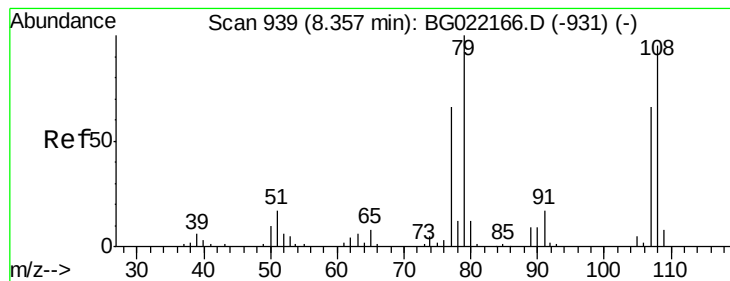
Tot Ion:146 Resp: 99903
 Ion Ratio Lower Upper
 146 100
 148 61.0 46.7 70.1
 111 36.0 33.0 49.6



#14
 1,2-Dichlorobenzene
 Concen: 47.52 ng
 RT: 8.47 min Scan# 959
 Delta R.T. -0.00 min
 Lab File: BG022234.D
 Acq: 8 Jun 2016 12:44

Tgt Ion:146 Resp: 99064
 Ion Ratio Lower Upper
 146 100
 148 64.0 52.6 79.0
 111 39.3 36.1 54.1





#15

Benzyl Alcohol

Concen: 50.97 ng

RT: 8.35 min Scan# 939

Delta R.T. -0.00 min

Lab File: BG022234.D

Acq: 8 Jun 2016 12:44

Instrument :

BNA_G

ClientSampleId :

SB-16MS

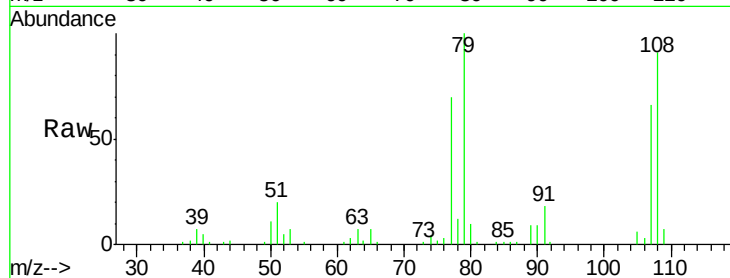
Tot Ion: 79 Resp: 72542

Ion Ratio Lower Upper

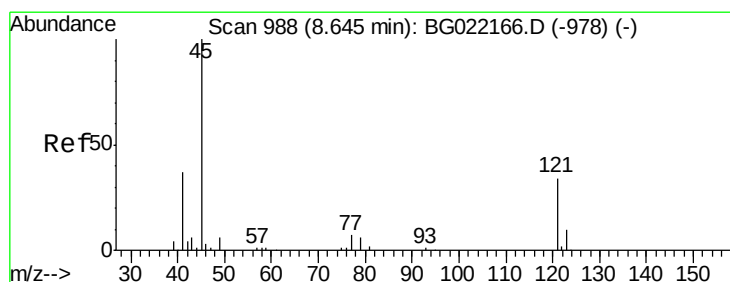
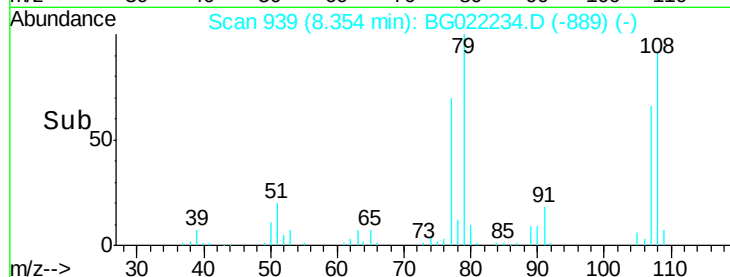
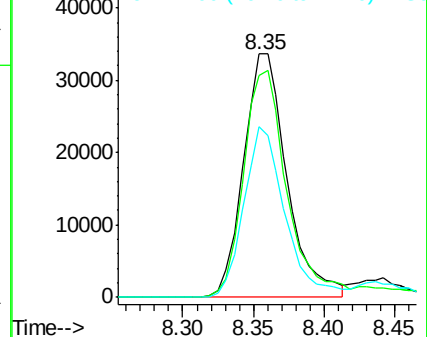
79 100

108 91.3 59.4 89.0#

77 69.9 52.2 78.2



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: 48.85 ng

RT: 8.65 min Scan# 989

Delta R.T. 0.00 min

Lab File: BG022234.D

Acq: 8 Jun 2016 12:44

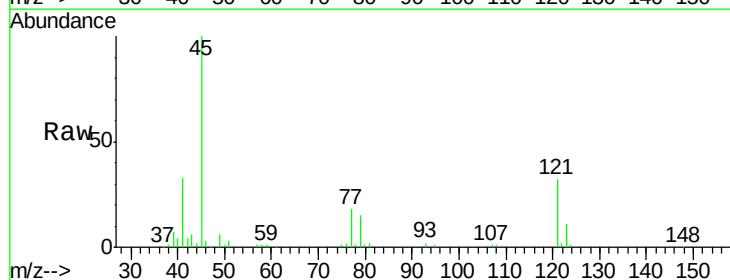
Tgt Ion: 45 Resp: 91777

Ion Ratio Lower Upper

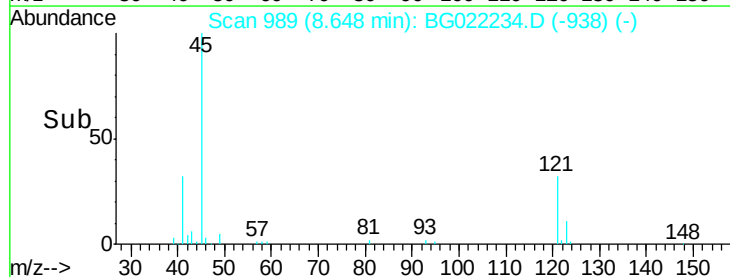
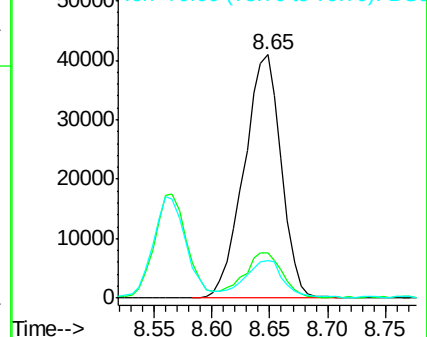
45 100

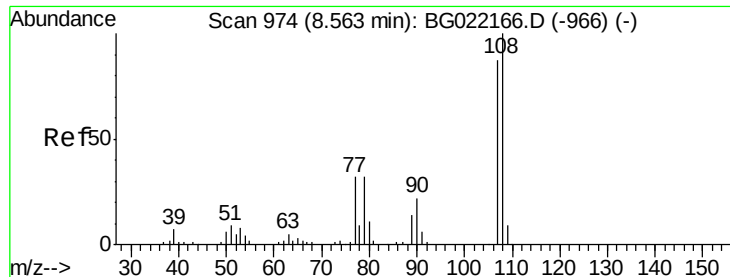
77 18.4 0.0 31.2

79 15.3 0.0 29.0



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: 56.05 ng

RT: 8.57 min Scan# 975

Delta R.T. 0.00 min

Lab File: BG022234.D

Acq: 8 Jun 2016 12:44

Instrument :

BNA_G

ClientSampleId :

SB-16MS

Tot Ion:107 Resp: 94985

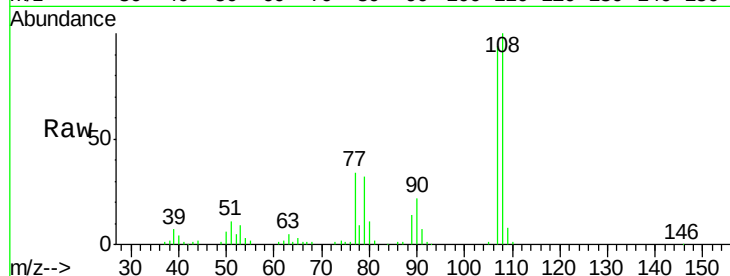
Ion Ratio Lower Upper

107 100

108 106.2 80.2 120.4

77 36.0 40.7 61.1#

79 34.4 39.8 59.8#

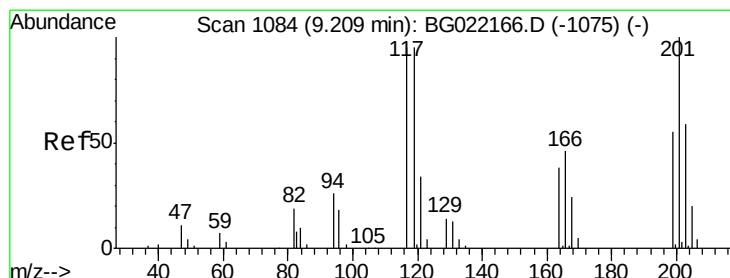
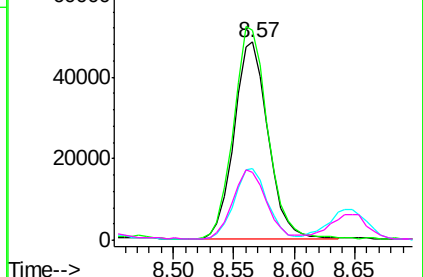
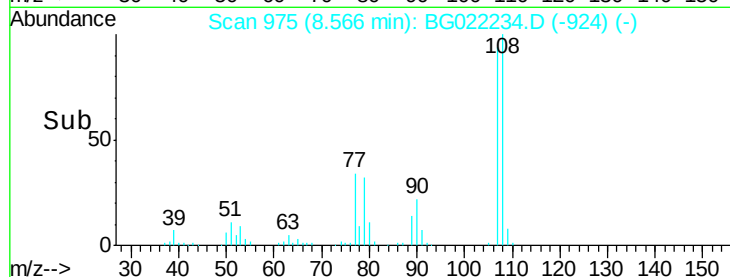


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 47.73 ng

RT: 9.21 min Scan# 1084

Delta R.T. -0.00 min

Lab File: BG022234.D

Acq: 8 Jun 2016 12:44

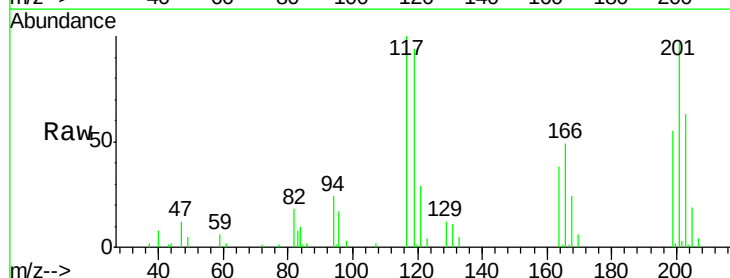
Tgt Ion:117 Resp: 36043

Ion Ratio Lower Upper

117 100

119 94.1 63.9 95.9

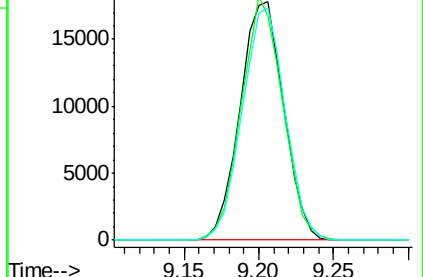
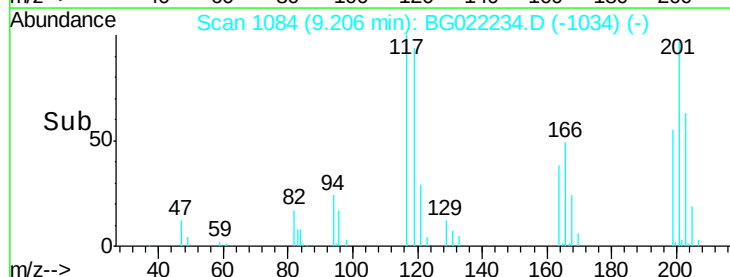
201 99.9 61.2 91.8#

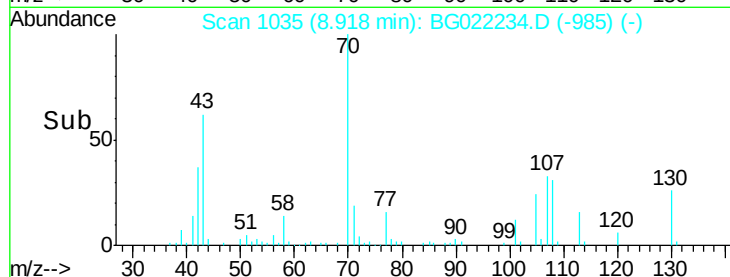
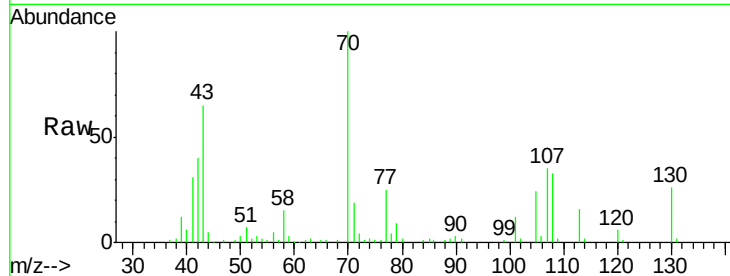
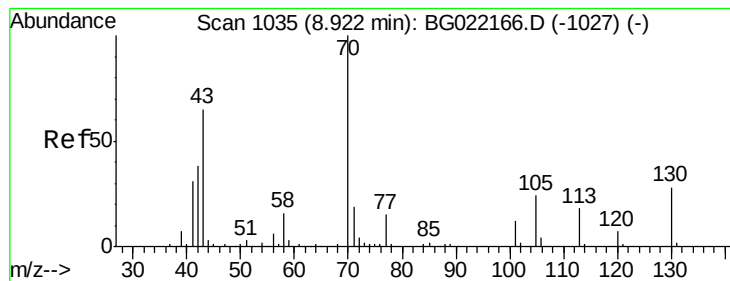


Abundance Ion 117.00 (116.70 to 117.70): E

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: 48.52 ng

RT: 8.92 min Scan# 1035

Delta R.T. -0.00 min

Lab File: BG022234.D

Acq: 8 Jun 2016 12:44

Instrument :

BNA_G

ClientSampleId :

SB-16MS

Tot Ion: 70 Resp: 72350

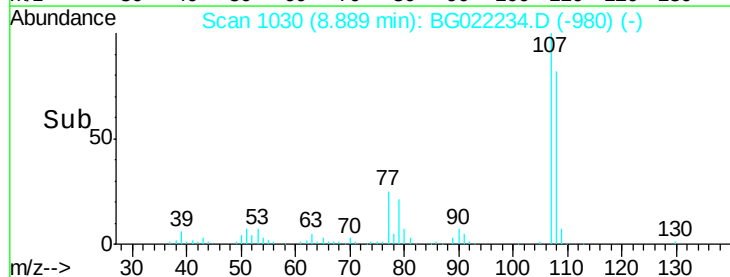
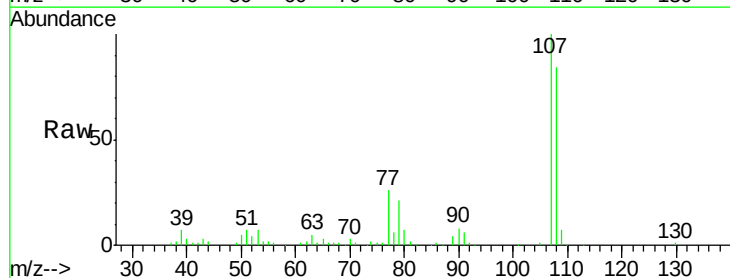
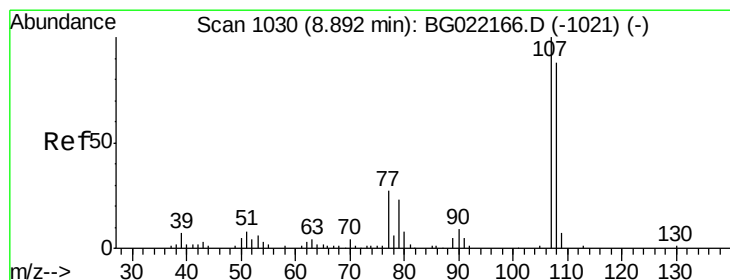
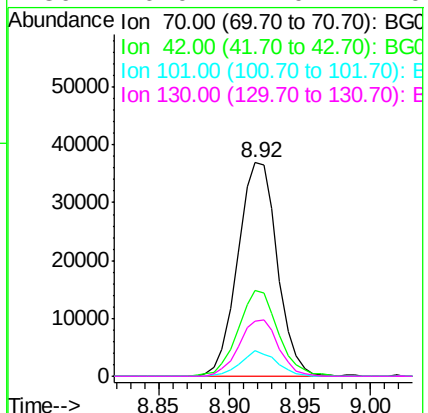
Ion Ratio Lower Upper

70 100

42 40.0 56.7 85.1#

101 11.9 8.2 12.4

130 26.0 14.0 21.0#



#20

3+4-Methylphenols

Concen: 54.64 ng

RT: 8.89 min Scan# 1030

Delta R.T. -0.00 min

Lab File: BG022234.D

Acq: 8 Jun 2016 12:44

Tgt Ion: 107 Resp: 132822

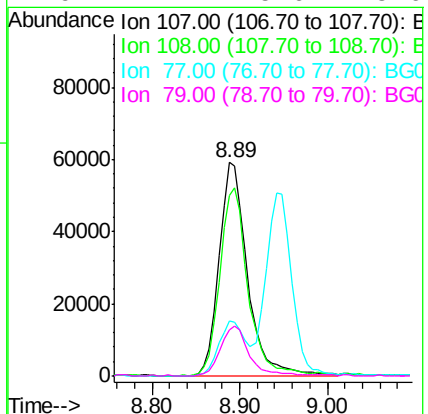
Ion Ratio Lower Upper

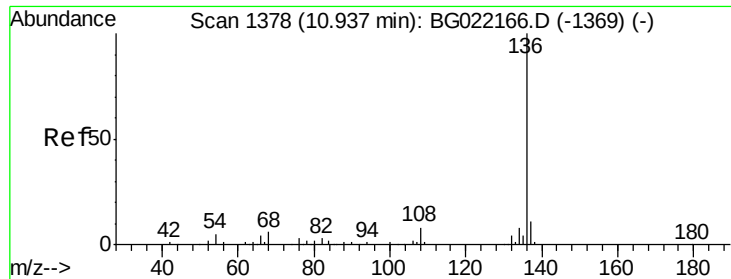
107 100

108 84.2 66.2 106.2

77 25.8 11.5 51.5

79 21.4 5.6 45.6

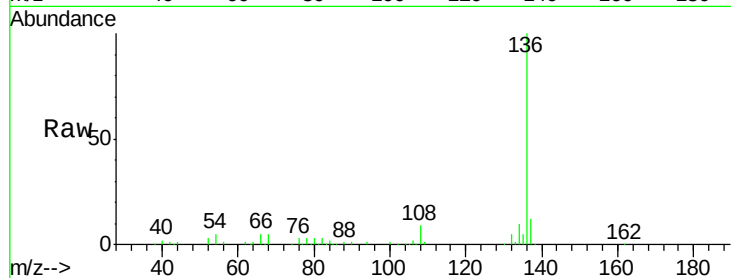




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BG022234.D
Acq: 8 Jun 2016 12:44

Instrument :
BNA_G
ClientSampled :
SB-16MS

Tot Ion:136	Resp:	139123
Ion Ratio	Lower	Upper
136	100	
137	12.0	9.0 13.4
54	5.3	9.6 14.4#
68	5.2	6.4 9.6#



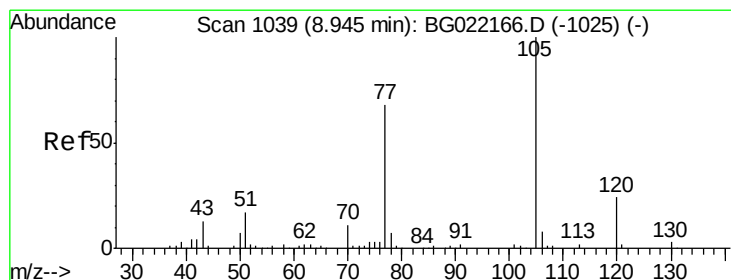
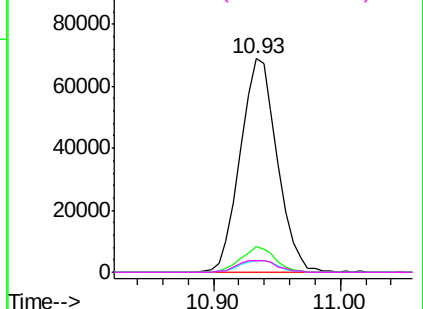
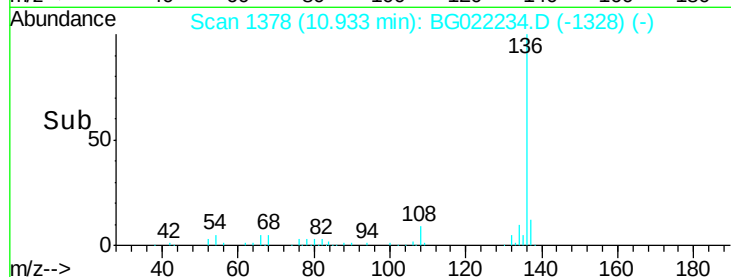
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

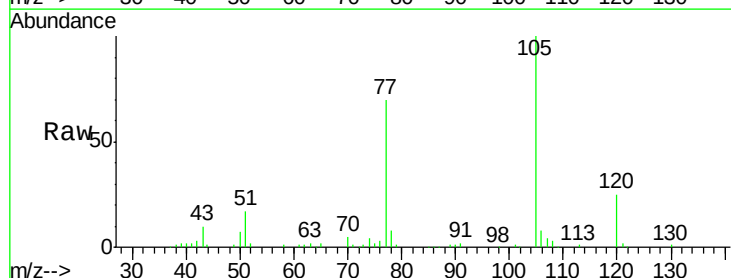
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 50.06 ng
RT: 8.95 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BG022234.D
Acq: 8 Jun 2016 12:44

Tgt Ion:105	Resp:	150077
Ion Ratio	Lower	Upper
105	100	
71	0.7	0.0 0.0#
51	17.3	25.7 38.5#
120	25.1	17.0 25.6



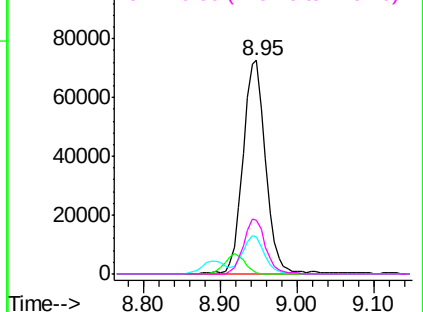
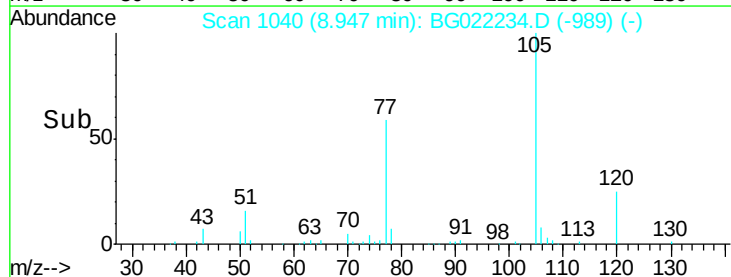
Abundance

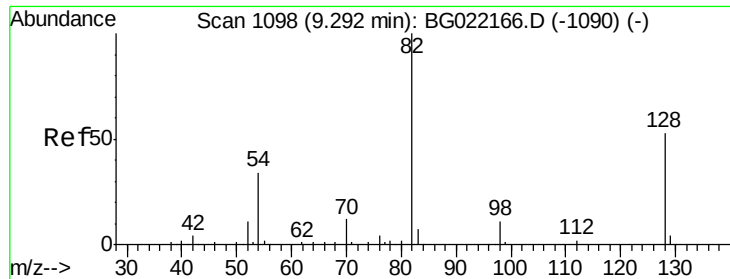
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

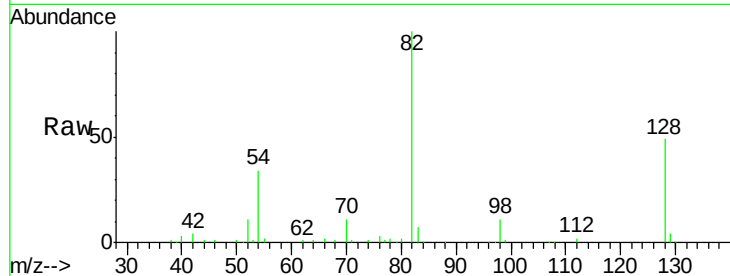




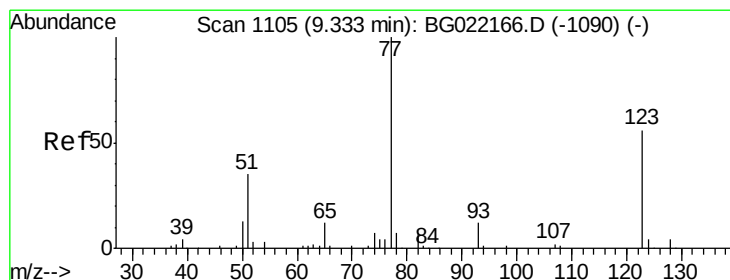
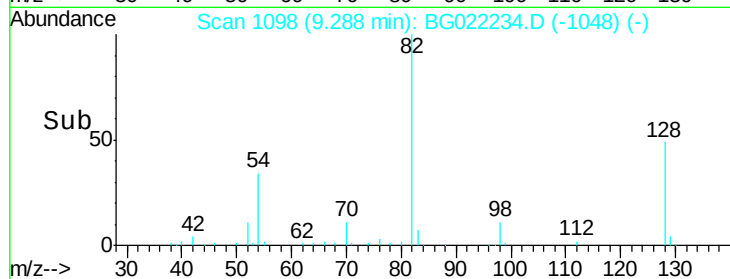
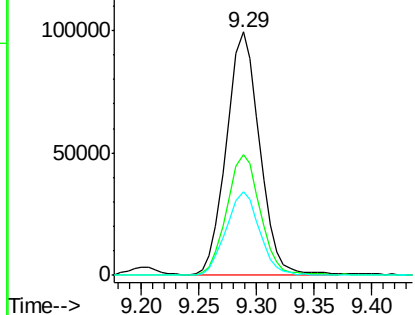
#23
Nitrobenzene-d5
Concen: 100.17 ng
RT: 9.29 min Scan# 1098
Delta R.T. -0.00 min
Lab File: BG022234.D
Acq: 8 Jun 2016 12:44

Instrument :
BNA_G
ClientSampleId :
SB-16MS

Tot Ion	82	Resp	199885
Ion Ratio	100	Lower	Upper
128	49.4	33.4	50.0
54	34.4	46.1	69.1#

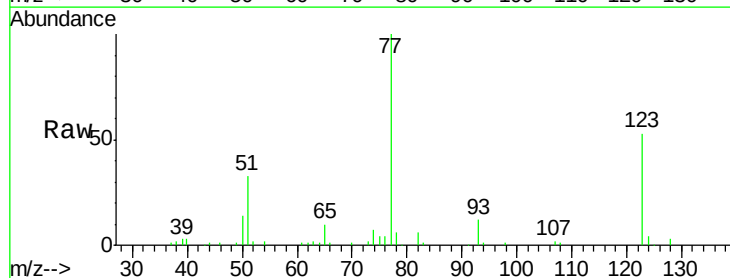


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

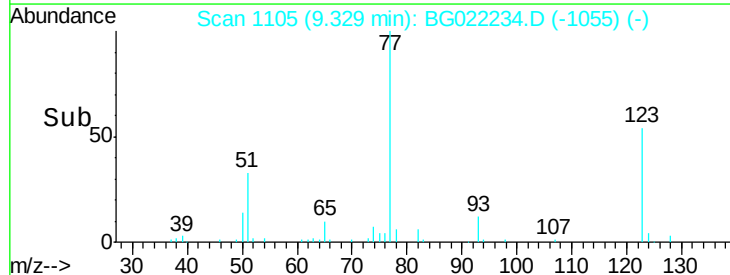
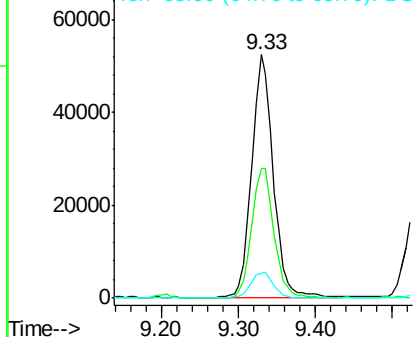


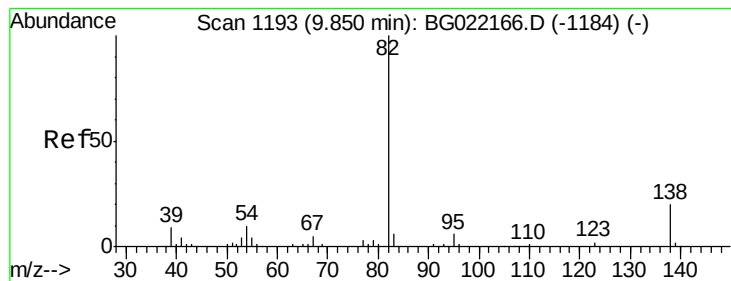
#24
Nitrobenzene
Concen: 51.74 ng
RT: 9.33 min Scan# 1105
Delta R.T. -0.00 min
Lab File: BG022234.D
Acq: 8 Jun 2016 12:44

Tgt Ion	77	Resp	103824
Ion Ratio	100	Lower	Upper
123	53.4	32.2	48.4#
65	10.3	10.3	15.5#



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 47.30 ng

RT: 9.85 min Scan# 1193

Delta R.T. -0.00 min

Lab File: BG022234.D

Acq: 8 Jun 2016 12:44

Instrument :

BNA_G

ClientSampleId :

SB-16MS

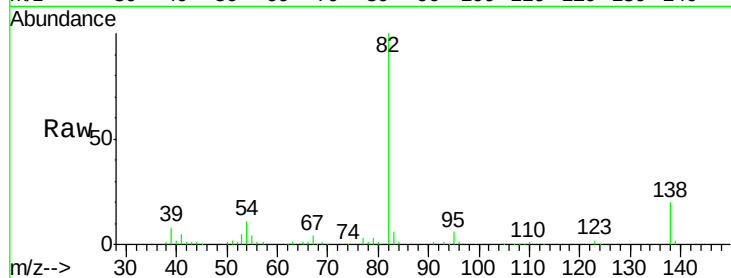
Tot Ion: 82 Resp: 220849

Ion Ratio Lower Upper

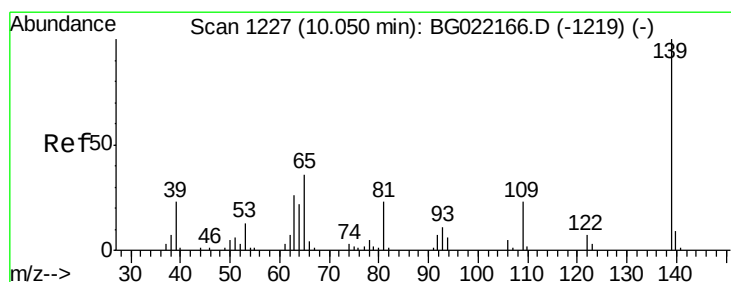
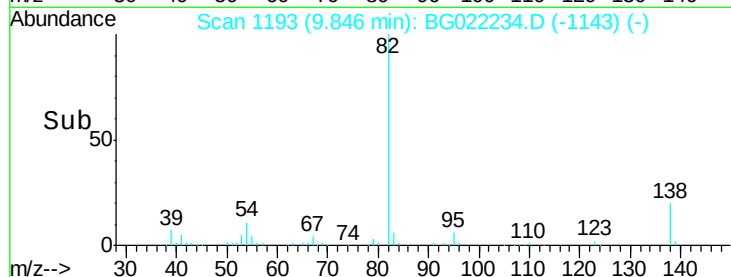
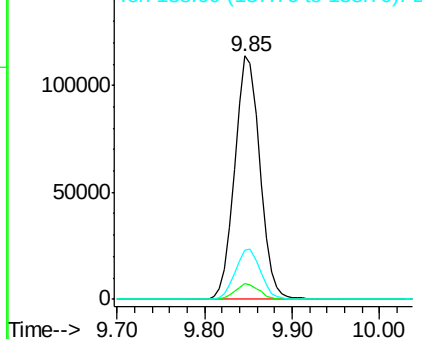
82 100

95 6.3 6.0 9.0

138 20.1 13.4 20.0#



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: 51.18 ng

RT: 10.05 min Scan# 1227

Delta R.T. -0.00 min

Lab File: BG022234.D

Acq: 8 Jun 2016 12:44

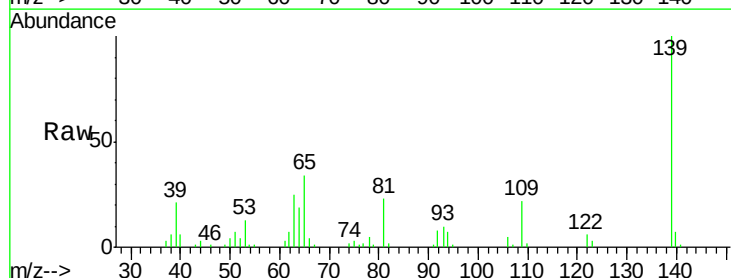
Tgt Ion: 139 Resp: 55696

Ion Ratio Lower Upper

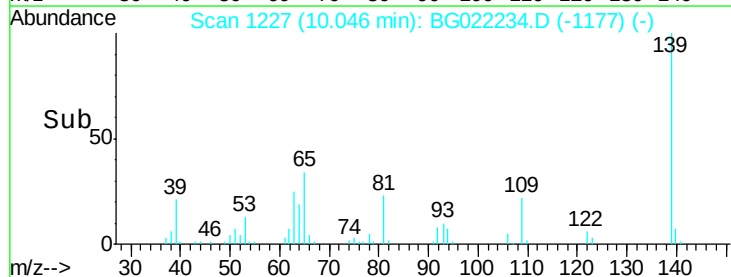
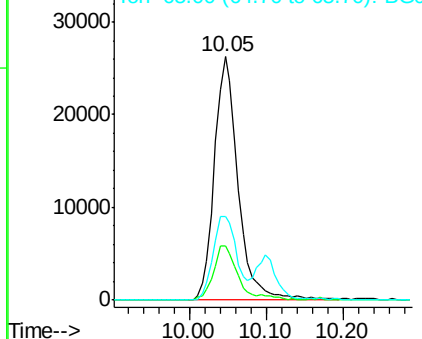
139 100

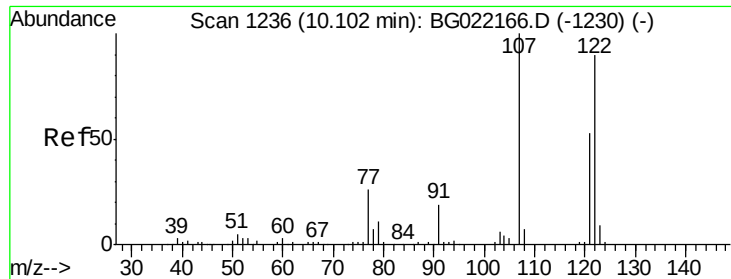
109 22.2 26.6 40.0#

65 34.3 45.3 67.9#



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

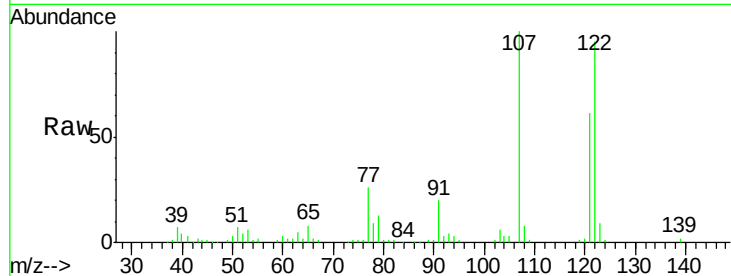




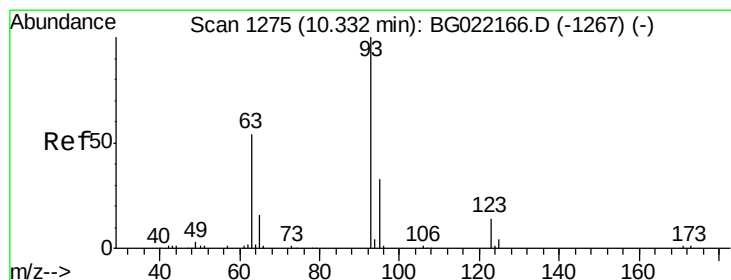
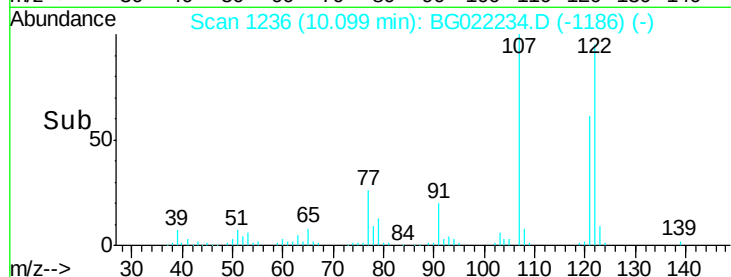
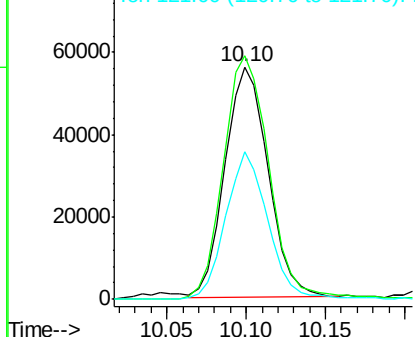
#27
2,4-Dimethylphenol
Concen: 53.61 ng
RT: 10.10 min Scan# 1236
Delta R.T. -0.00 min
Lab File: BG022234.D
Acq: 8 Jun 2016 12:44

Instrument :
BNA_G
ClientSampleId :
SB-16MS

Tot Ion:122 Resp: 105589
Ion Ratio Lower Upper
122 100
107 104.9 97.2 145.8
121 63.5 49.0 73.4

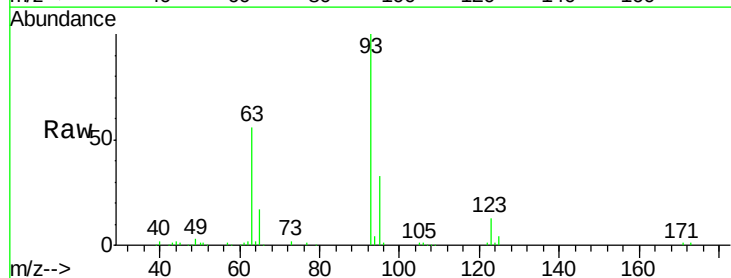


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

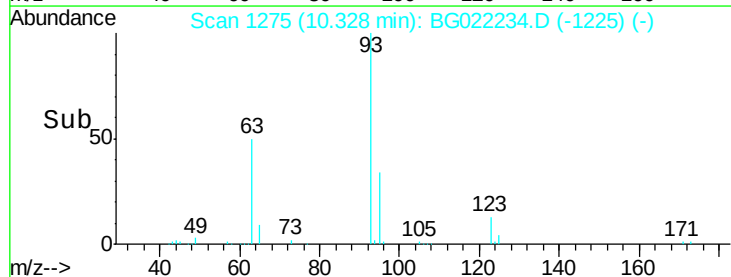
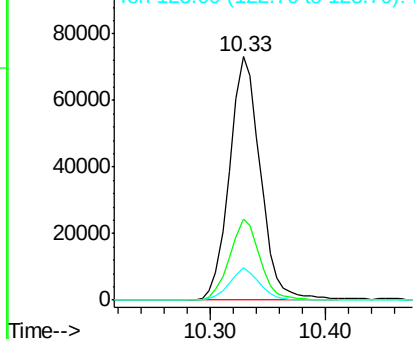


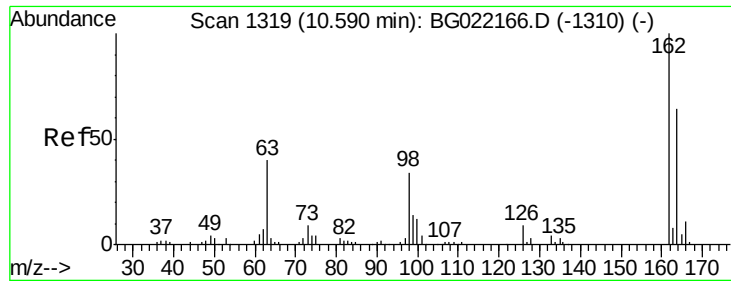
#28
bis(2-Chloroethoxy)methane
Concen: 50.76 ng
RT: 10.33 min Scan# 1275
Delta R.T. -0.00 min
Lab File: BG022234.D
Acq: 8 Jun 2016 12:44

Tgt Ion: 93 Resp: 135772
Ion Ratio Lower Upper
93 100
95 33.4 30.1 45.1
123 13.4 10.2 15.4



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

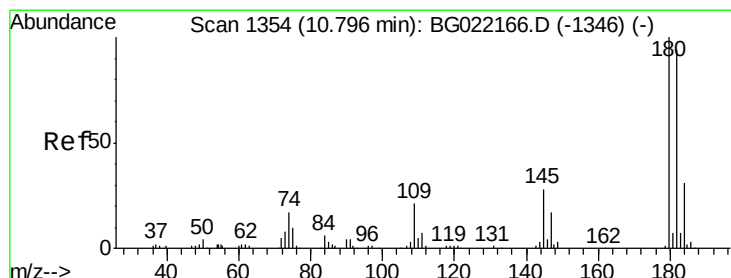
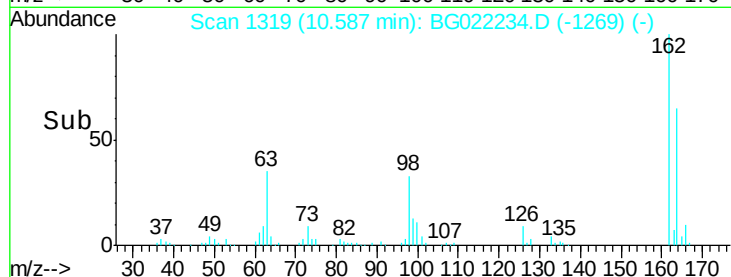
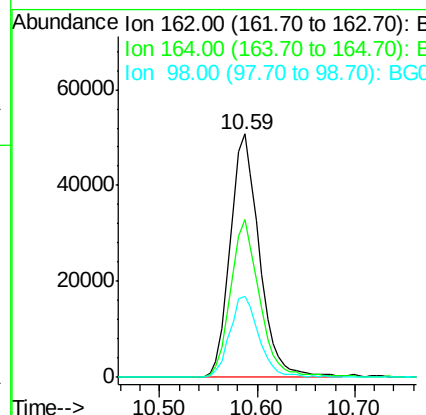
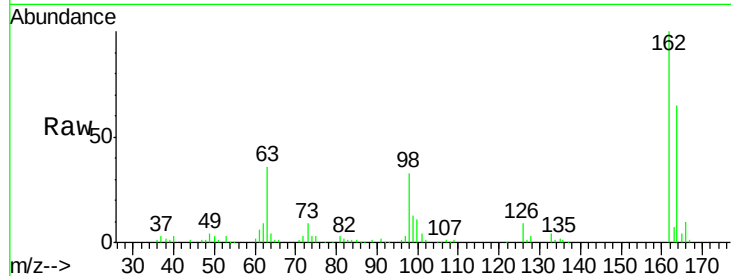




#29
 2,4-Dichlorophenol
 Concen: 57.95 ng
 RT: 10.59 min Scan# 1319
 Delta R.T. -0.00 min
 Lab File: BG022234.D
 Acq: 8 Jun 2016 12:44

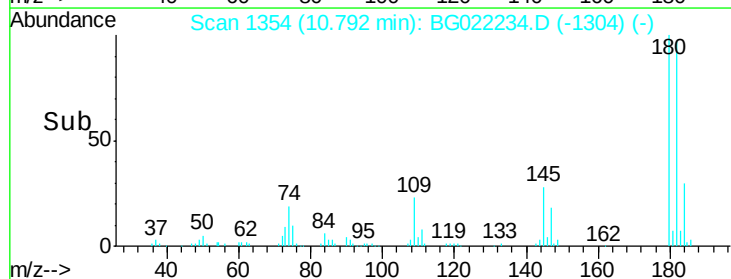
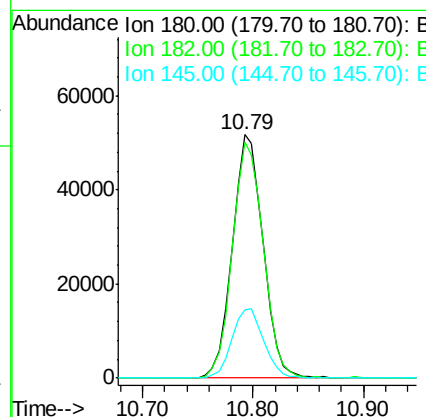
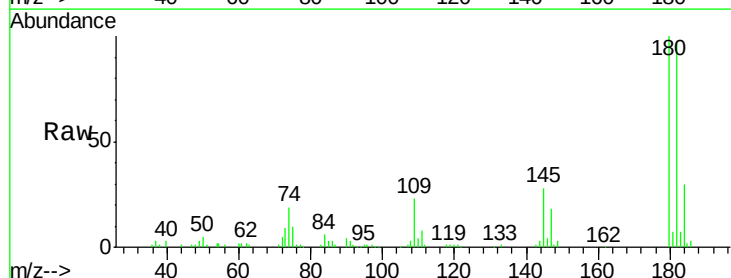
Instrument :
 BNA_G
 ClientSampleId :
 SB-16MS

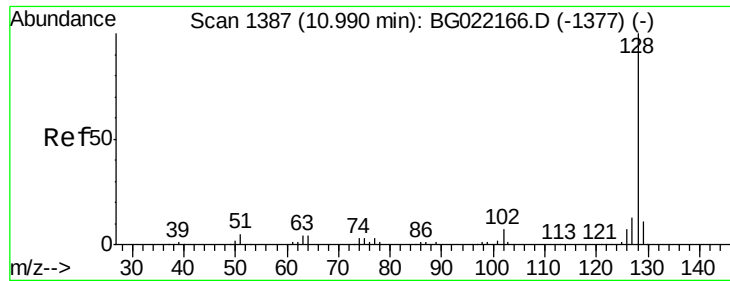
Tot Ion	162	Resp	105732
Ion	Ratio	Lower	Upper
162	100		
164	64.6	44.9	84.9
98	33.4	19.2	59.2



#30
 1,2,4-Trichlorobenzene
 Concen: 49.58 ng
 RT: 10.79 min Scan# 1354
 Delta R.T. -0.00 min
 Lab File: BG022234.D
 Acq: 8 Jun 2016 12:44

Tgt Ion	180	Resp	101084
Ion	Ratio	Lower	Upper
180	100		
182	97.0	82.3	123.5
145	27.9	24.4	36.6

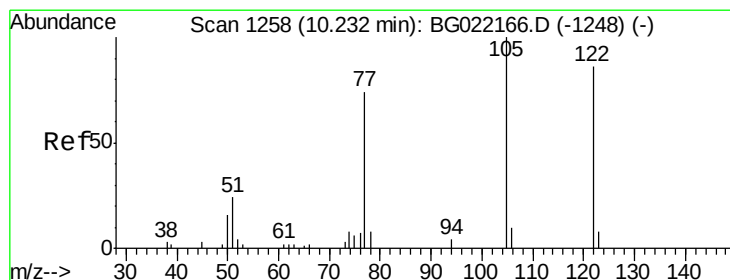
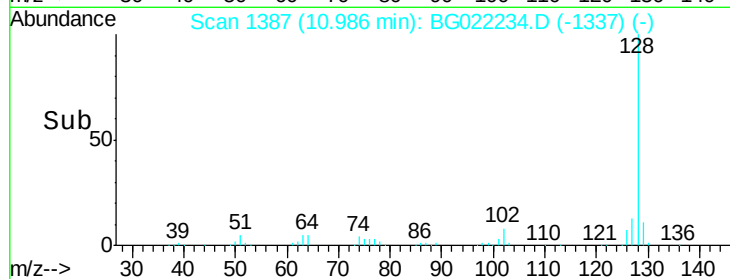
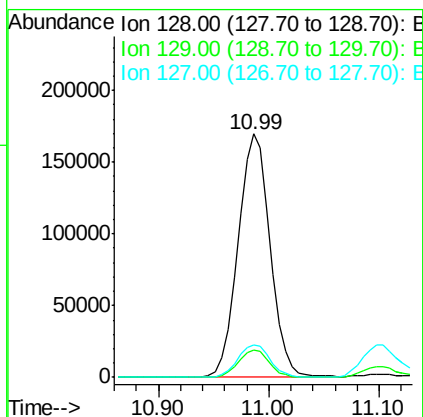
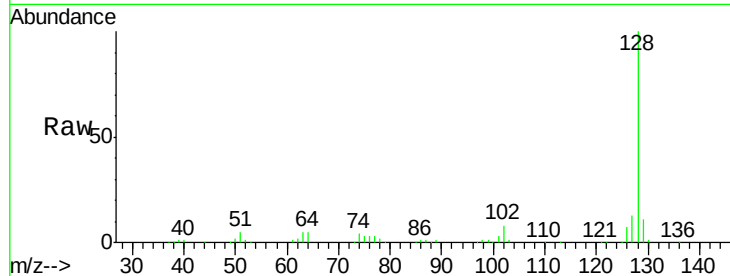




#31
Naphthalene
Concen: 49.73 ng
RT: 10.99 min Scan# 1387
Delta R.T. -0.00 min
Lab File: BG022234.D
Acq: 8 Jun 2016 12:44

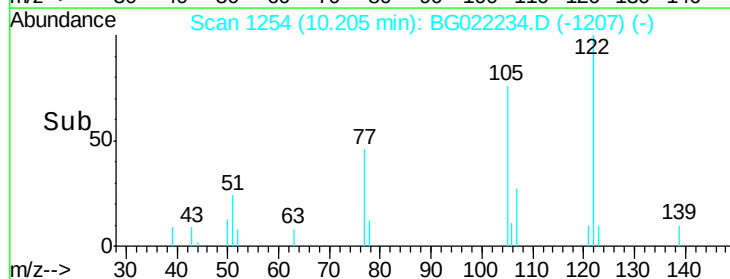
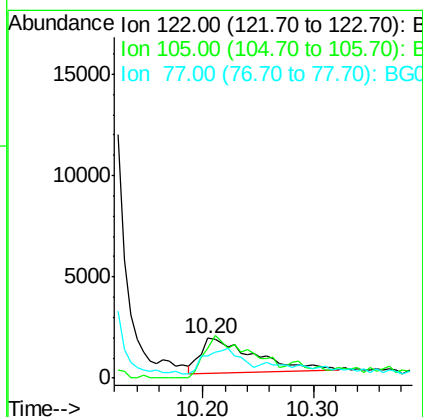
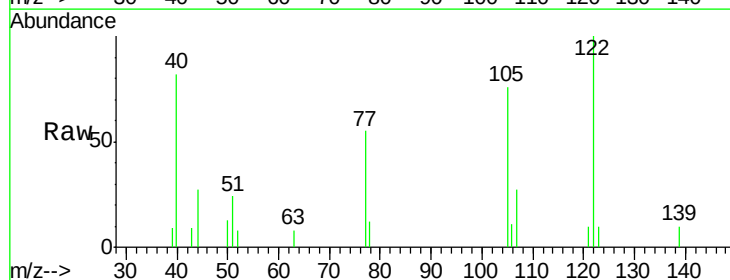
Instrument :
BNA_G
ClientSampleId :
SB-16MS

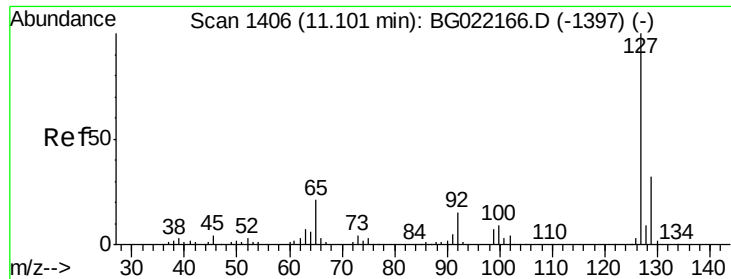
Tot Ion:128 Resp: 345353
Ion Ratio Lower Upper
128 100
129 11.0 7.0 10.6#
127 13.1 10.1 15.1



#32
Benzoic acid
Concen: 16.66 ng
RT: 10.20 min Scan# 1254
Delta R.T. -0.03 min
Lab File: BG022234.D
Acq: 8 Jun 2016 12:44

Tgt Ion:122 Resp: 5898
Ion Ratio Lower Upper
122 100
105 76.1 104.5 144.5#
77 55.0 79.9 119.9#

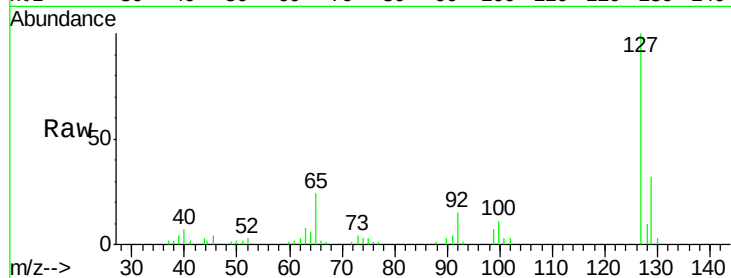




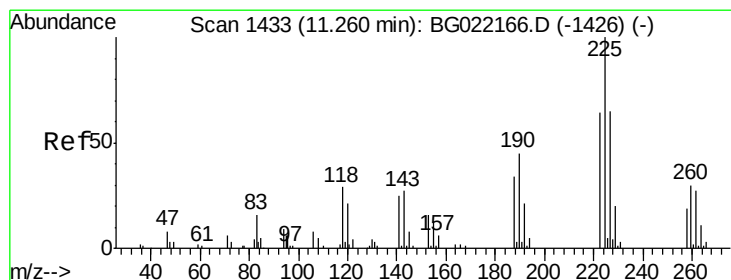
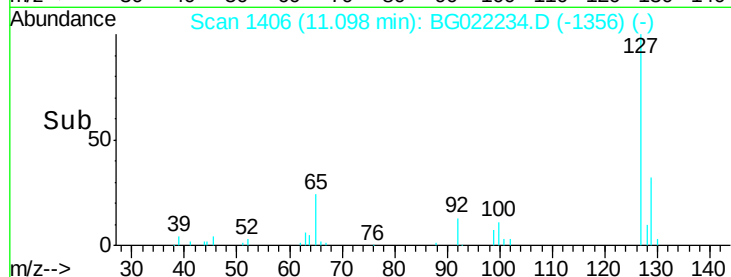
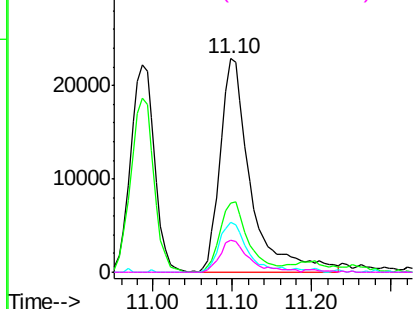
#33
4-Chloroaniline
Concen: 21.15 ng
RT: 11.10 min Scan# 1406
Delta R.T. -0.00 min
Lab File: BG022234.D
Acq: 8 Jun 2016 12:44

Instrument :
BNA_G
ClientSampleId :
SB-16MS

Tot Ion:127 Resp: 61066
Ion Ratio Lower Upper
127 100
129 32.3 26.6 39.8
65 23.5 27.5 41.3#
92 15.1 14.7 22.1

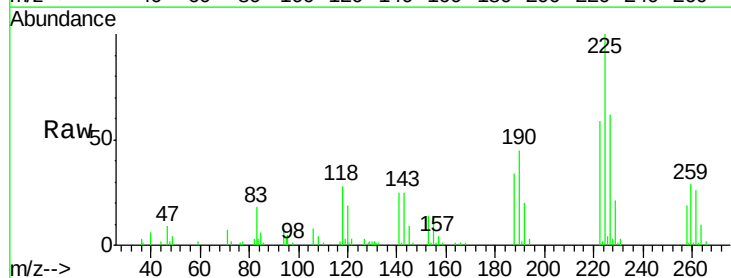


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

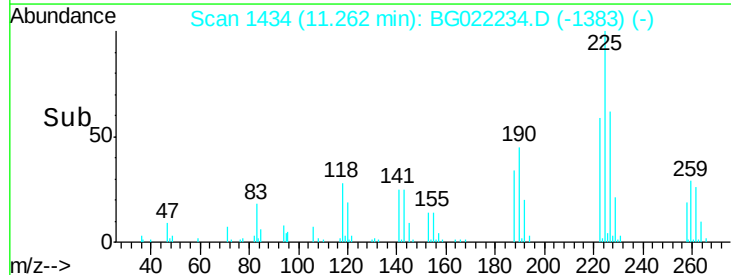
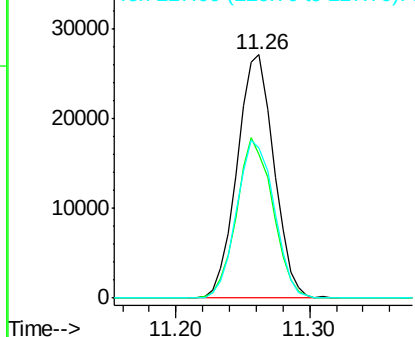


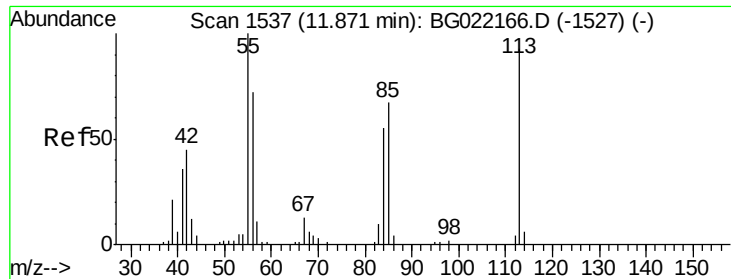
#34
Hexachlorobutadiene
Concen: 47.28 ng
RT: 11.26 min Scan# 1434
Delta R.T. 0.00 min
Lab File: BG022234.D
Acq: 8 Jun 2016 12:44

Tgt Ion:225 Resp: 51749
Ion Ratio Lower Upper
225 100
223 58.4 52.7 79.1
227 61.8 49.7 74.5



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: 44.44 ng/mL

RT: 11.87 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BG022234.D

Acq: 8 Jun 2016 12:44

Instrument :

BNA_G

ClientSampleId :

SB-16MS

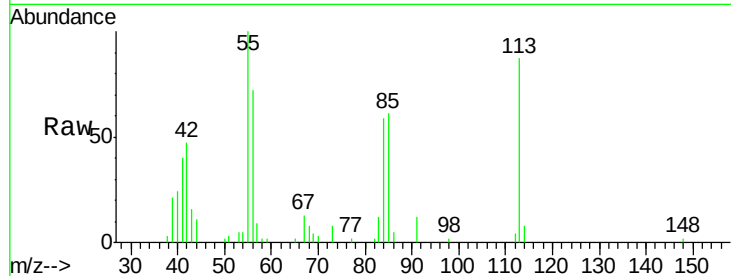
Tot Ion:113 Resp: 44481

Ion Ratio Lower Upper

113 100

55 114.3 194.2 234.2#

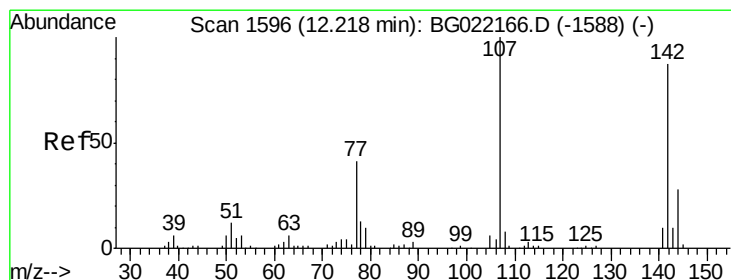
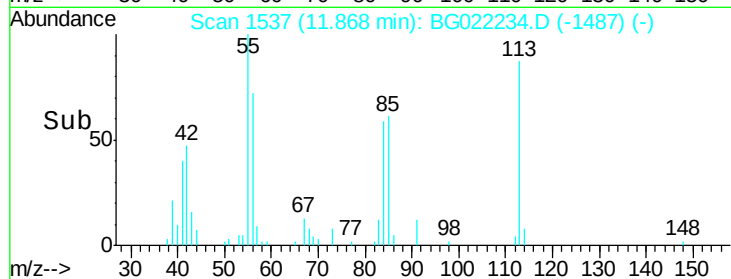
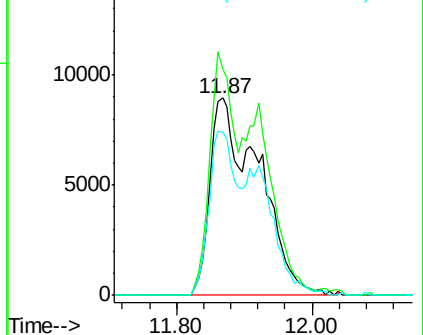
56 82.8 122.6 162.6#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 54.54 ng/mL

RT: 12.21 min Scan# 1596

Delta R.T. -0.00 min

Lab File: BG022234.D

Acq: 8 Jun 2016 12:44

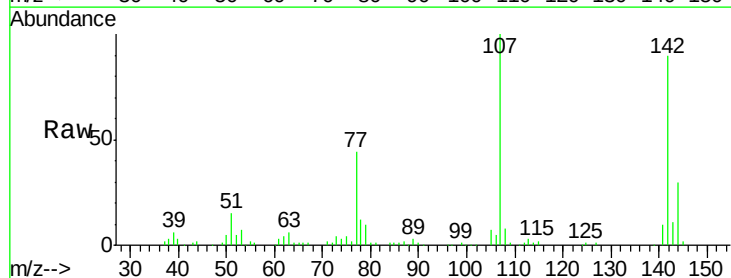
Tgt Ion:107 Resp: 117961

Ion Ratio Lower Upper

107 100

144 30.0 19.2 28.8#

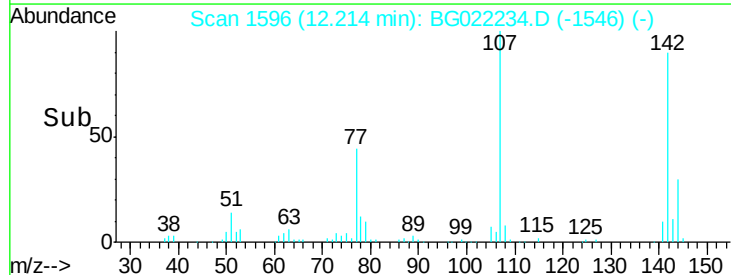
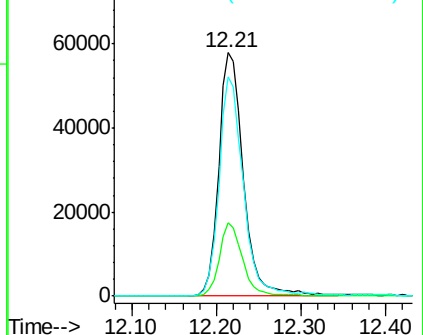
142 90.2 59.1 88.7#

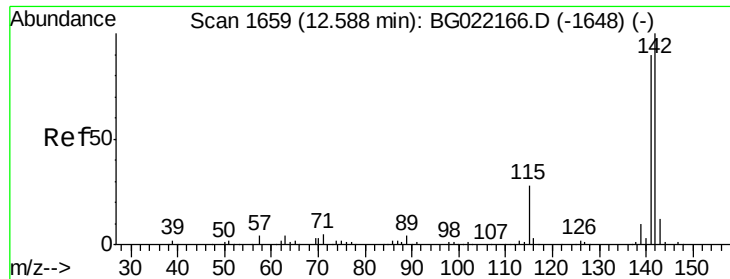


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

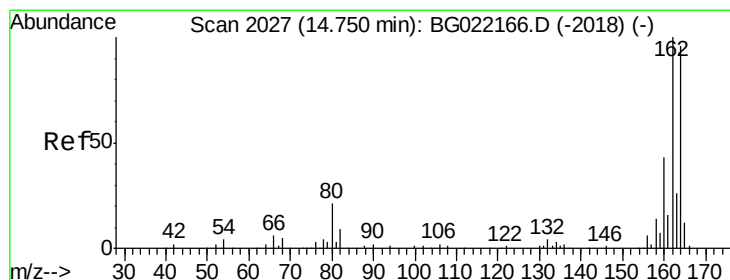
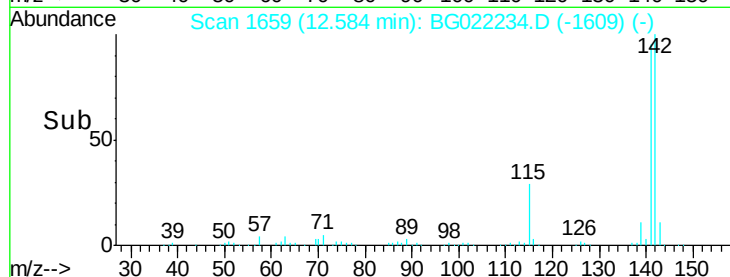
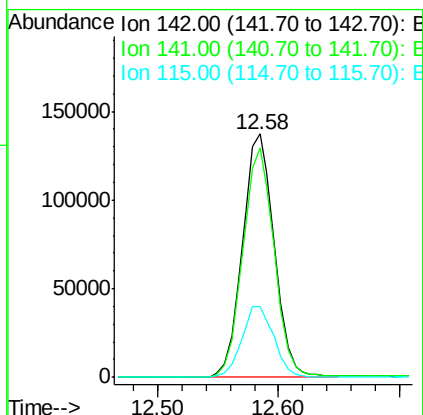
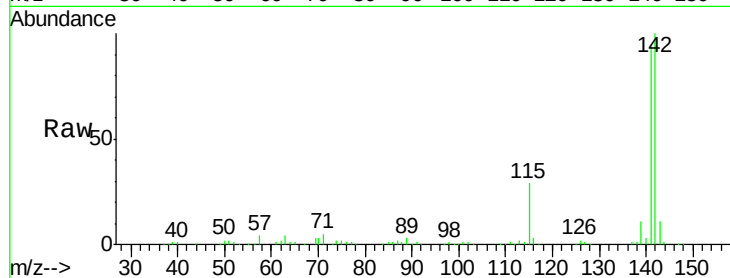




#37
 2-Methylnaphthalene
 Concen: 49.16 ng
 RT: 12.58 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: BG022234.D
 Acq: 8 Jun 2016 12:44

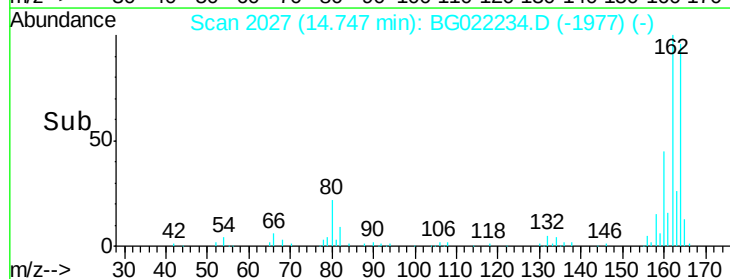
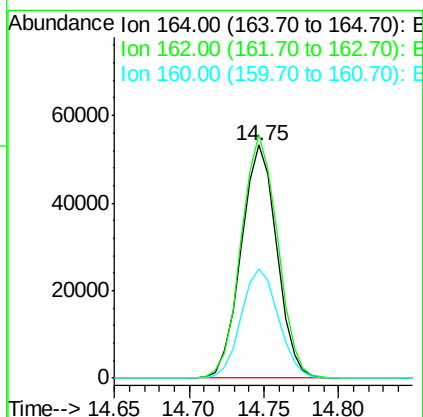
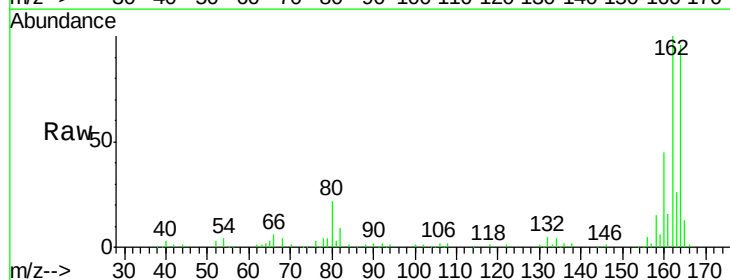
Instrument :
 BNA_G
 ClientSampleId :
 SB-16MS

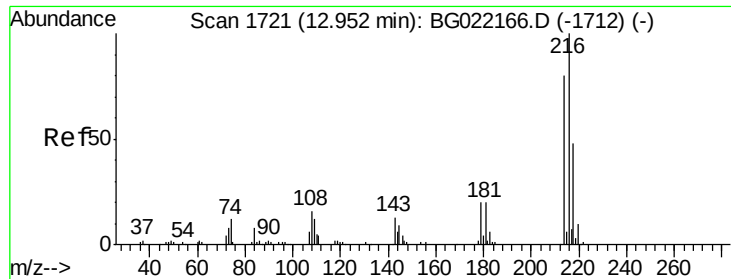
Tot Ion:142 Resp: 252031
 Ion Ratio Lower Upper
 142 100
 141 94.3 71.4 107.0
 115 29.2 27.4 41.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.75 min Scan# 2027
 Delta R.T. -0.00 min
 Lab File: BG022234.D
 Acq: 8 Jun 2016 12:44

Tgt Ion:164 Resp: 87816
 Ion Ratio Lower Upper
 164 100
 162 104.6 78.0 117.0
 160 46.9 32.9 49.3

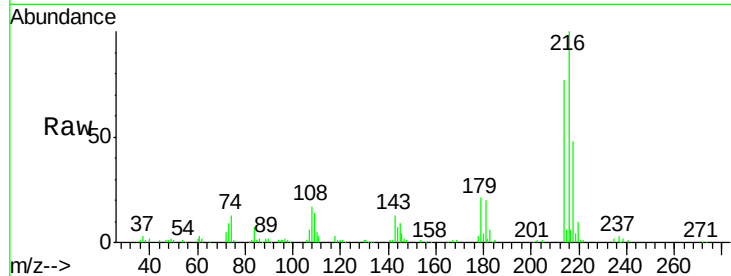




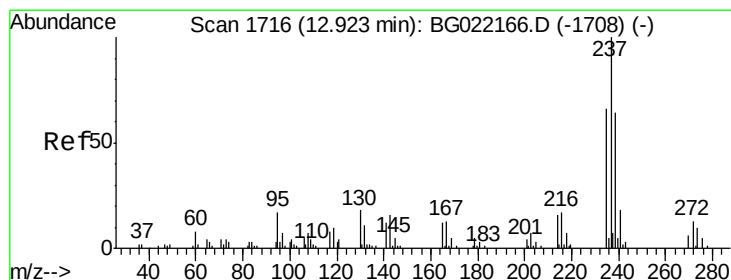
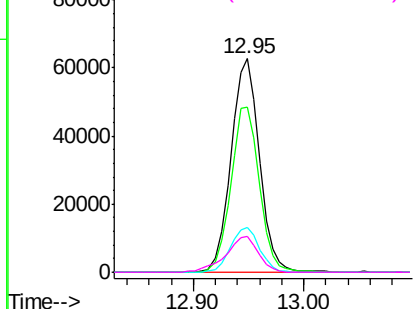
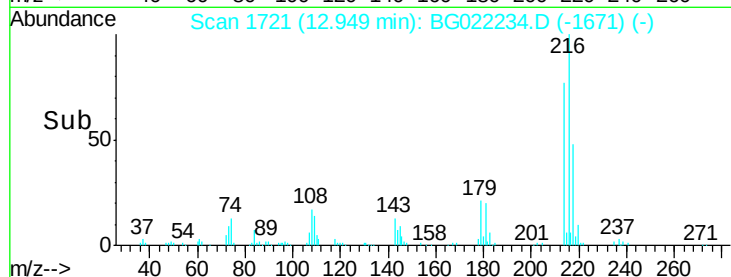
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 50.09 ng
 RT: 12.95 min Scan# 1721
 Delta R.T. -0.00 min
 Lab File: BG022234.D
 Acq: 8 Jun 2016 12:44

Instrument :
 BNA_G
 ClientSampleId :
 SB-16MS

Tot Ion:216	Resp:	113232
Ion Ratio	Lower	Upper
216	100	
214	77.6	62.2 93.2
179	21.3	16.7 25.1
108	19.1	14.0 21.0

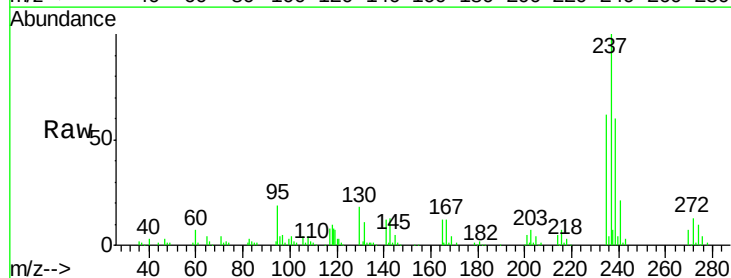


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

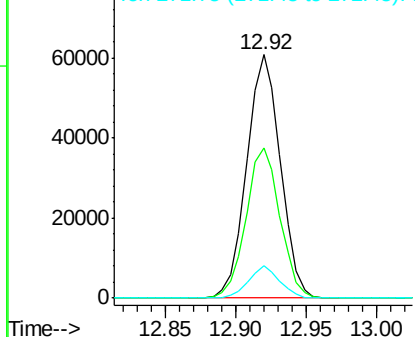
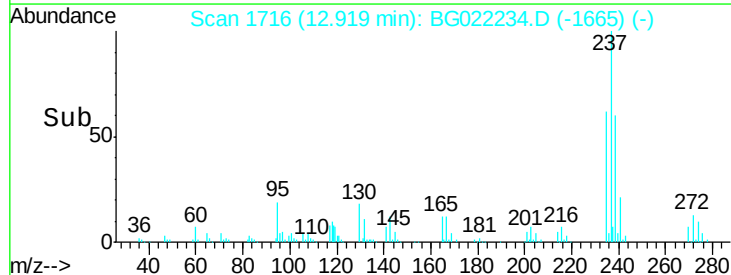


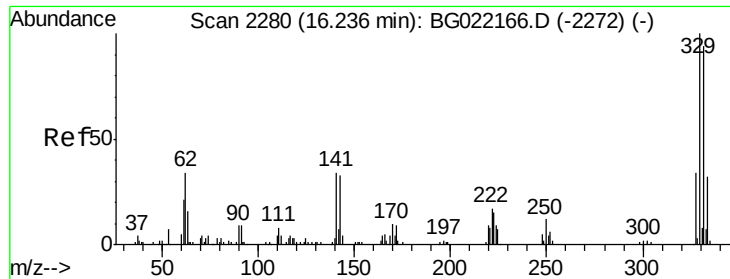
#40
 Hexachlorocyclopentadiene
 Concen: 87.73 ng
 RT: 12.92 min Scan# 1716
 Delta R.T. -0.00 min
 Lab File: BG022234.D
 Acq: 8 Jun 2016 12:44

Tgt Ion:237	Resp:	101719
Ion Ratio	Lower	Upper
237	100	
235	61.6	43.2 83.2
272	13.2	0.0 33.4



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

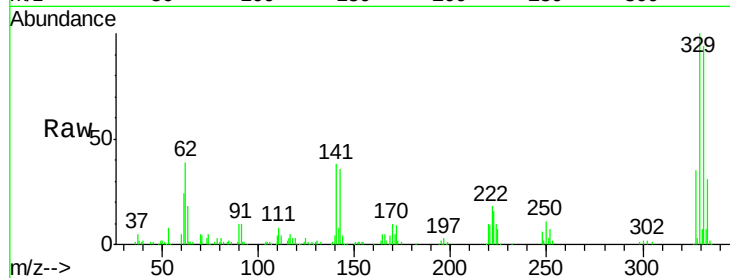




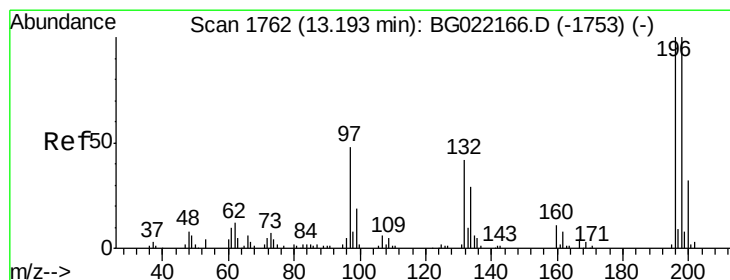
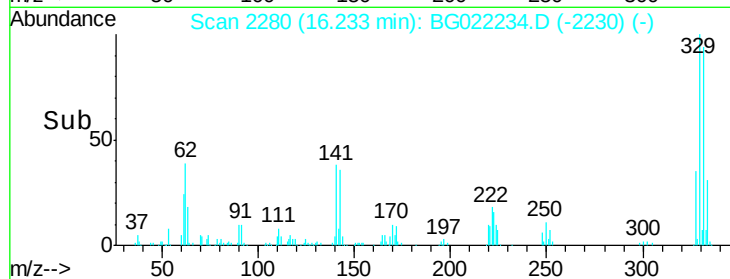
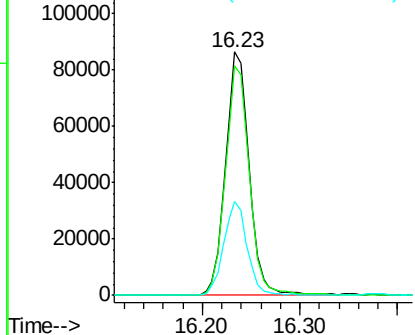
#41
 2,4,6-Tribromophenol
 Concen: 146.60 ng
 RT: 16.23 min Scan# 2280
 Delta R.T. -0.00 min
 Lab File: BG022234.D
 Acq: 8 Jun 2016 12:44

Instrument :
 BNA_G
 ClientSampleId :
 SB-16MS

Tot Ion:330 Resp: 145464
 Ion Ratio Lower Upper
 330 100
 332 95.3 78.0 117.0
 141 38.1 33.8 50.8

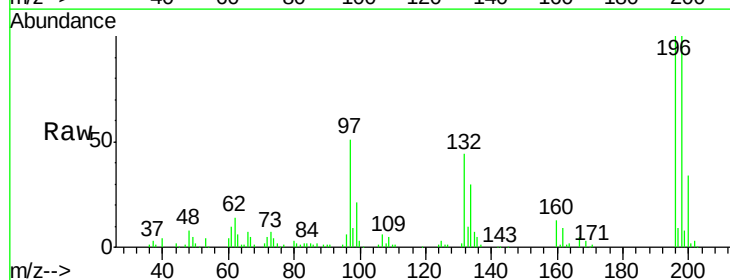


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

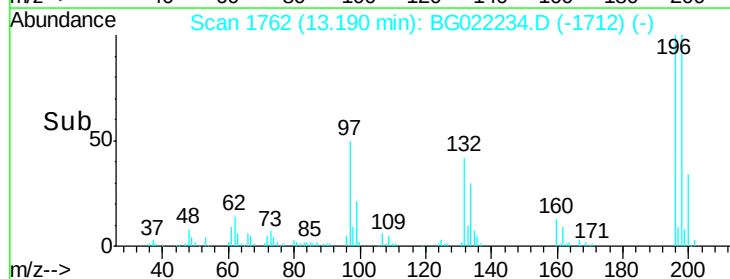
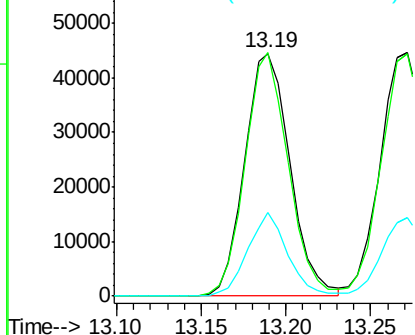


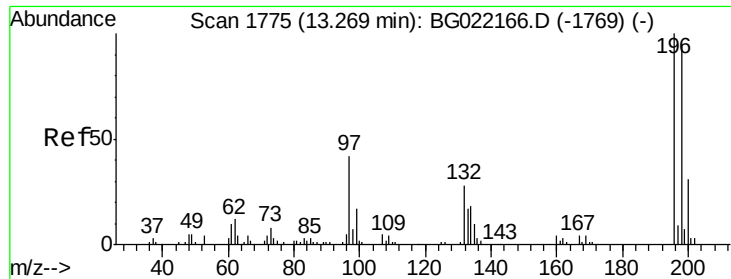
#42
 2,4,6-Trichlorophenol
 Concen: 54.70 ng
 RT: 13.19 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: BG022234.D
 Acq: 8 Jun 2016 12:44

Tgt Ion:196 Resp: 82956
 Ion Ratio Lower Upper
 196 100
 198 100.3 80.1 120.1
 200 34.4 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

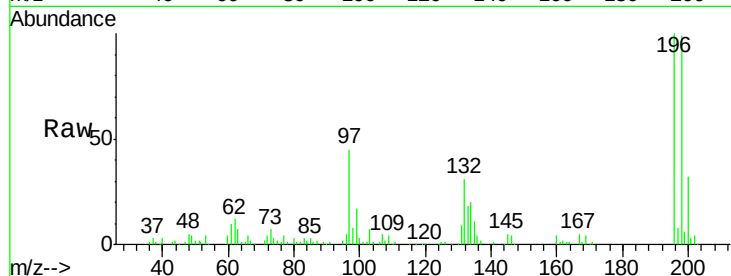




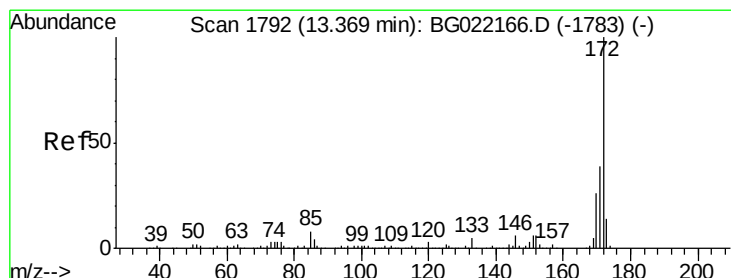
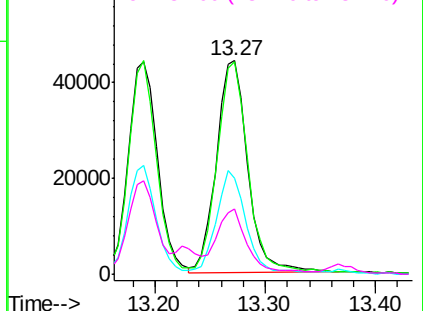
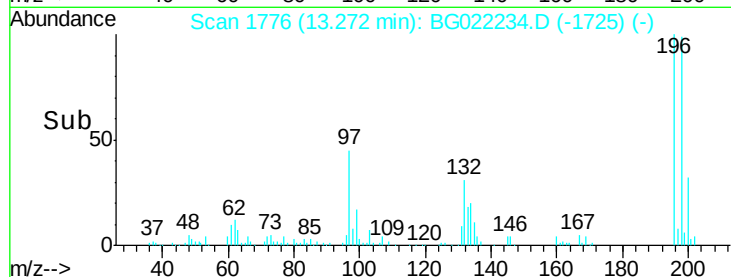
#43
 2,4,5-Trichlorophenol
 Concen: 52.10 ng
 RT: 13.27 min Scan# 1776
 Delta R.T. 0.00 min
 Lab File: BG022234.D
 Acq: 8 Jun 2016 12:44

Instrument :
 BNA_G
 ClientSampleId :
 SB-16MS

Tot Ion:196 Resp: 87290
 Ion Ratio Lower Upper
 196 100
 198 99.4 78.0 117.0
 97 45.0 43.0 64.6
 132 30.6 23.0 34.4

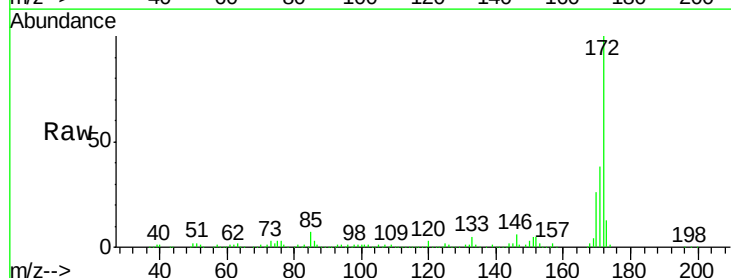


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

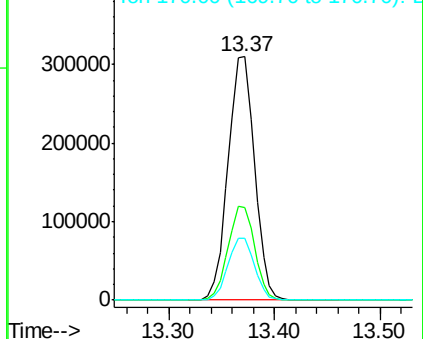
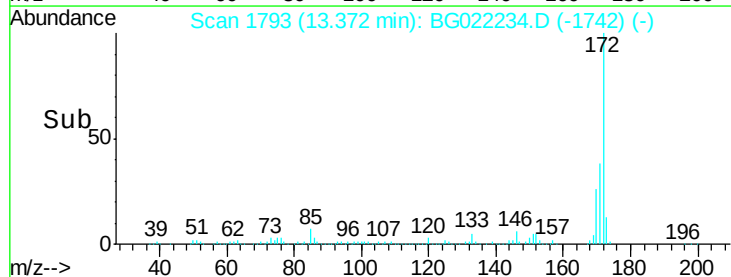


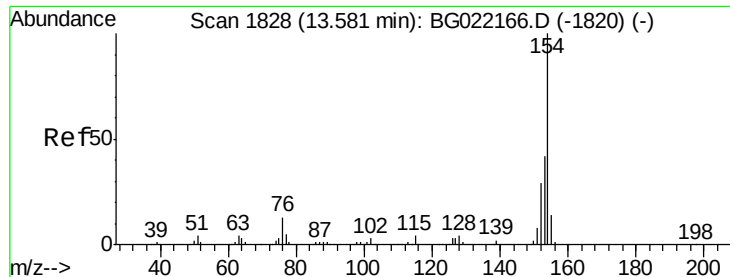
#44
 2-Fluorobiphenyl
 Concen: 93.30 ng
 RT: 13.37 min Scan# 1793
 Delta R.T. 0.00 min
 Lab File: BG022234.D
 Acq: 8 Jun 2016 12:44

Tgt Ion:172 Resp: 537635
 Ion Ratio Lower Upper
 172 100
 171 37.8 27.8 41.6
 170 25.6 19.6 29.4



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: 50.28 ng

RT: 13.58 min Scan# 1829

Delta R.T. 0.00 min

Lab File: BG022234.D

Acq: 8 Jun 2016 12:44

Instrument :

BNA_G

ClientSampleId :

SB-16MS

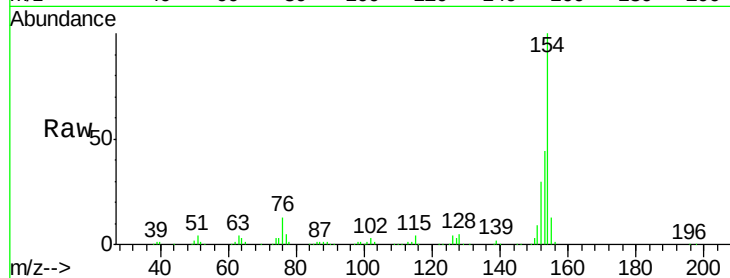
Tot Ion:154 Resp: 332270

Ion Ratio Lower Upper

154 100

153 43.7 19.7 59.7

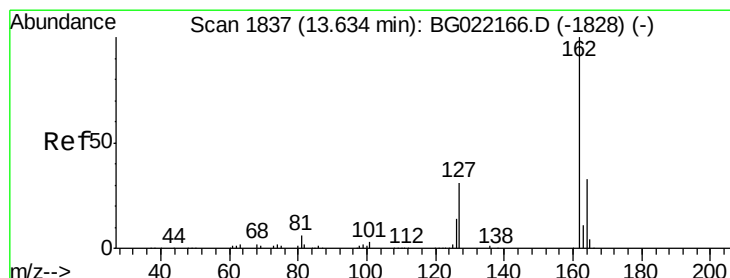
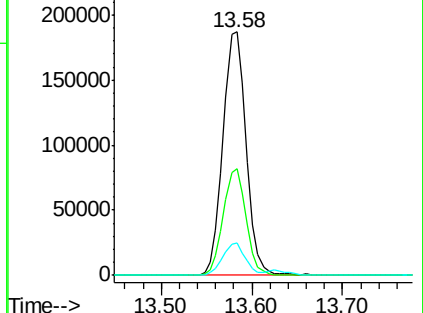
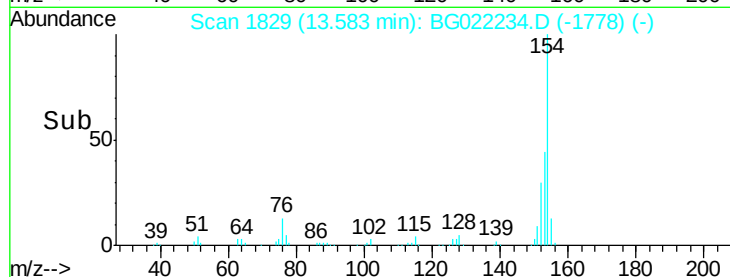
76 13.5 0.0 33.0



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): BGC



#46

2-Chloronaphthalene

Concen: 51.33 ng

RT: 13.63 min Scan# 1837

Delta R.T. -0.00 min

Lab File: BG022234.D

Acq: 8 Jun 2016 12:44

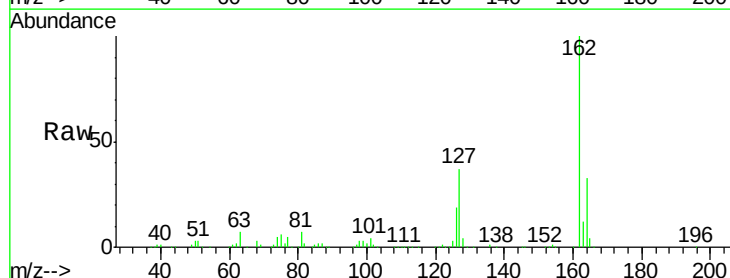
Tgt Ion:162 Resp: 260020

Ion Ratio Lower Upper

162 100

127 36.6 32.0 48.0

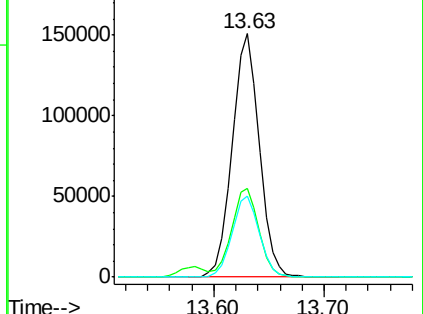
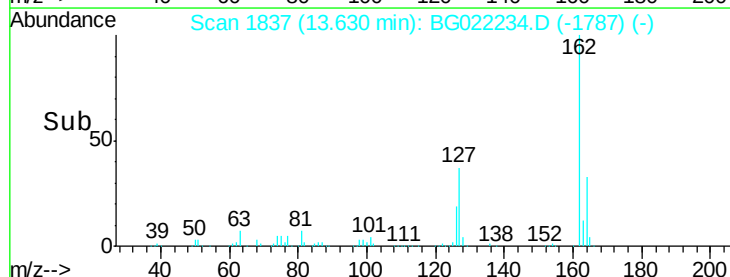
164 33.4 27.0 40.4

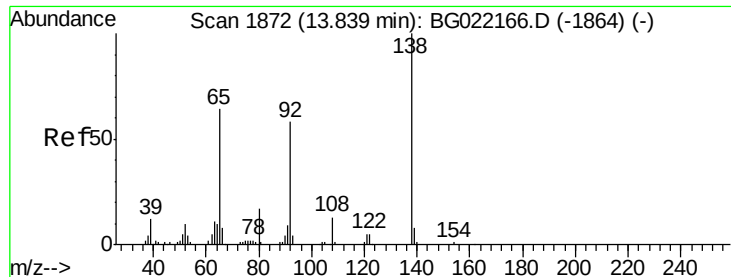


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 49.68 ng

RT: 13.84 min Scan# 1872

Delta R.T. -0.00 min

Lab File: BG022234.D

Acq: 8 Jun 2016 12:44

Instrument :

BNA_G

ClientSampleId :

SB-16MS

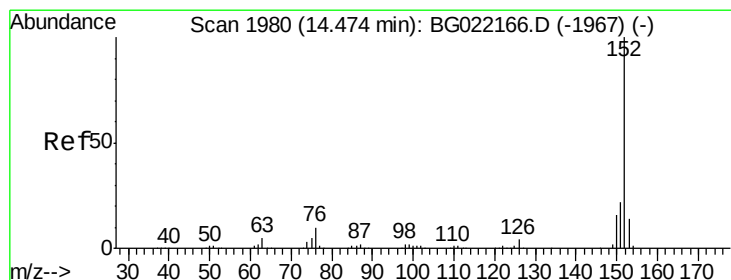
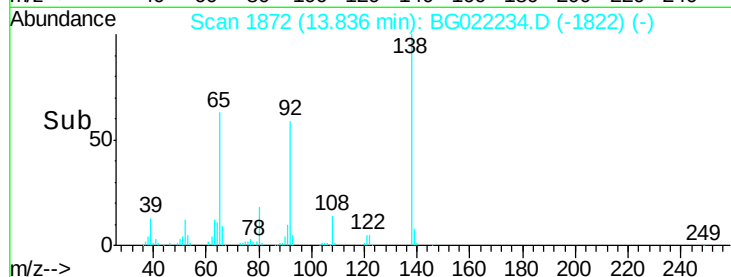
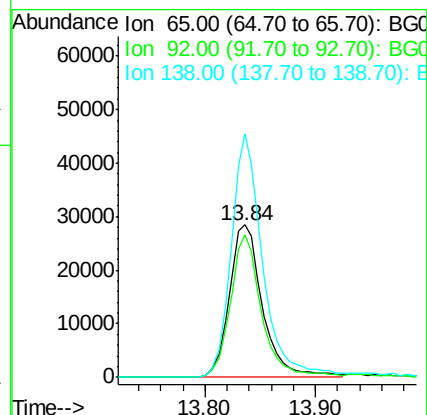
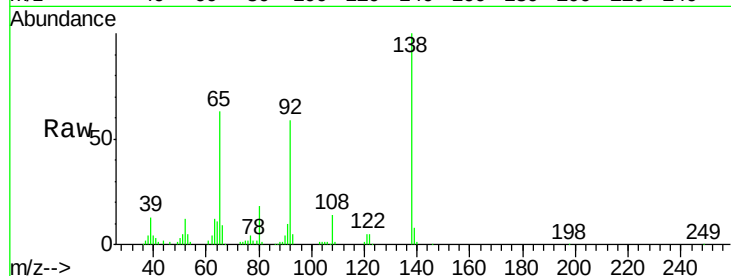
Tot Ion: 65 Resp: 60015

Ion Ratio Lower Upper

65 100

92 93.7 49.2 73.8#

138 159.8 75.0 112.6#



#48

Acenaphthylene

Concen: 49.89 ng

RT: 14.47 min Scan# 1980

Delta R.T. -0.00 min

Lab File: BG022234.D

Acq: 8 Jun 2016 12:44

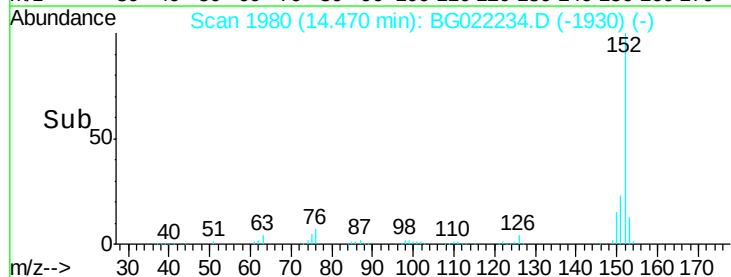
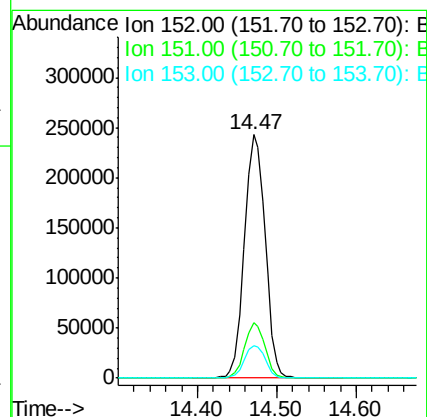
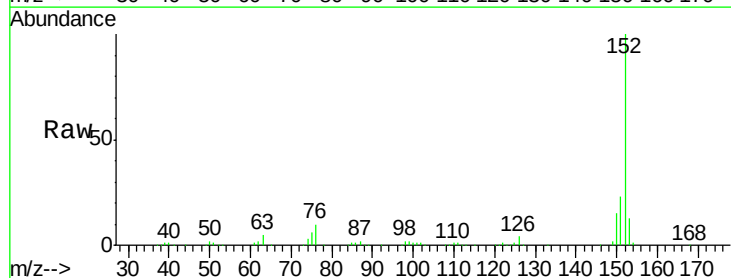
Tgt Ion: 152 Resp: 443454

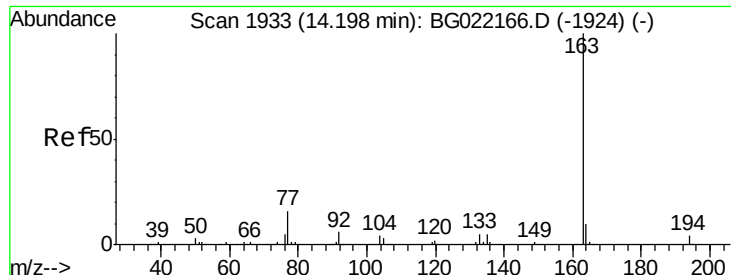
Ion Ratio Lower Upper

152 100

151 22.7 16.6 24.8

153 13.2 10.2 15.2





#49

Dimethylphthalate

Concen: 60.58 ng

RT: 14.19 min Scan# 1933

Delta R.T. -0.00 min

Lab File: BG022234.D

Acq: 8 Jun 2016 12:44

Instrument :

BNA_G

ClientSampleId :

SB-16MS

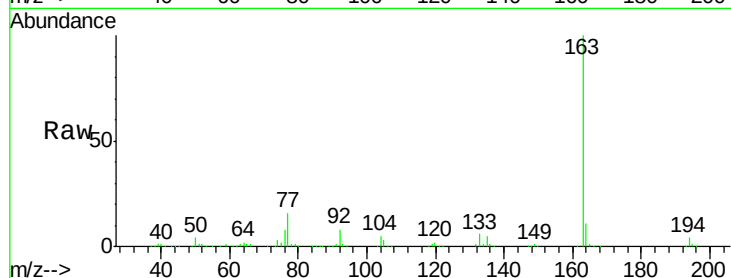
Tot Ion:163 Resp: 441083

Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.6

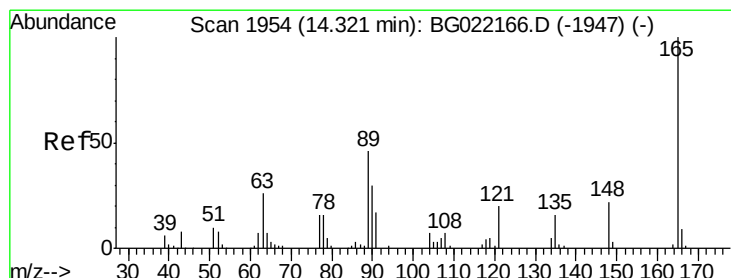
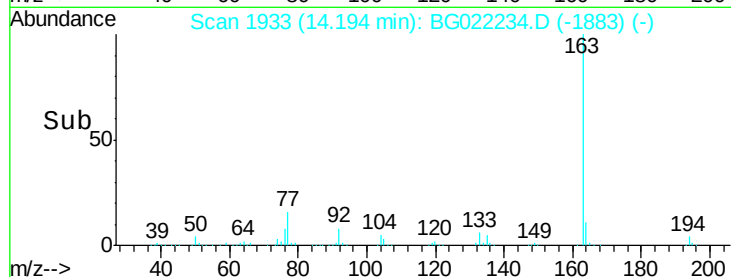
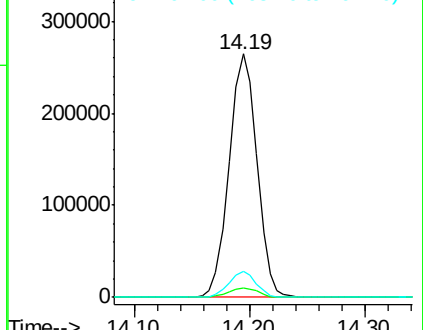
164 10.6 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 50.36 ng

RT: 14.32 min Scan# 1955

Delta R.T. 0.00 min

Lab File: BG022234.D

Acq: 8 Jun 2016 12:44

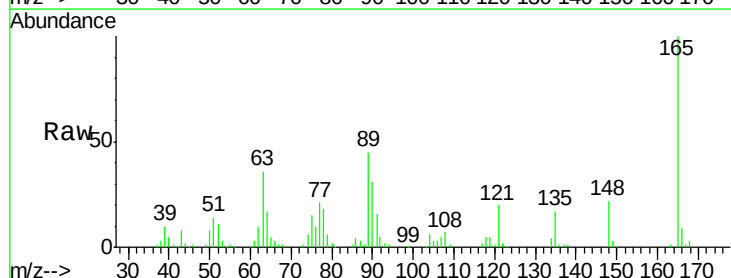
Tgt Ion:165 Resp: 79716

Ion Ratio Lower Upper

165 100

63 36.2 48.2 72.4#

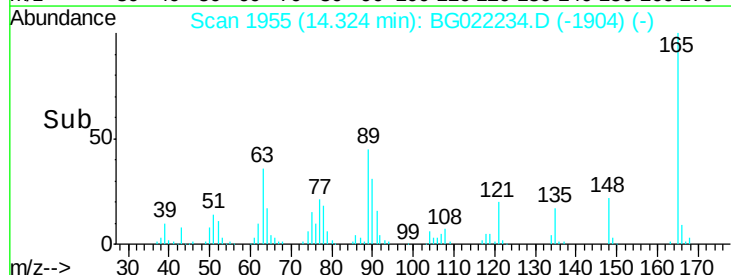
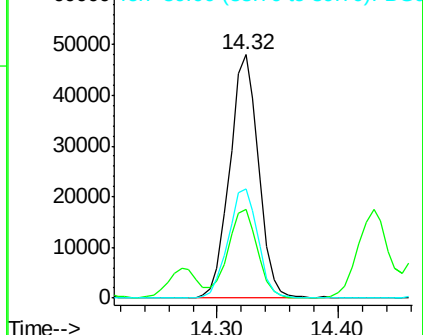
89 44.7 45.3 67.9#

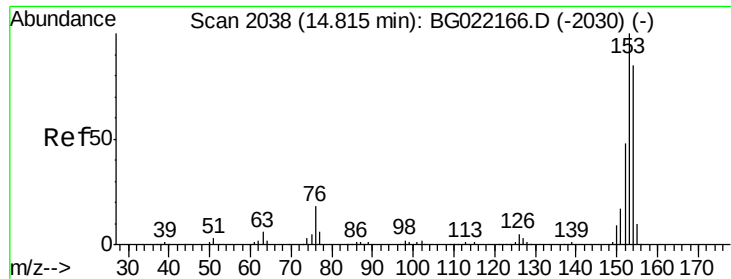


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 49.05 ng

RT: 14.81 min Scan# 2038

Delta R.T. -0.00 min

Lab File: BG022234.D

Acq: 8 Jun 2016 12:44

Instrument :

BNA_G

ClientSampleId :

SB-16MS

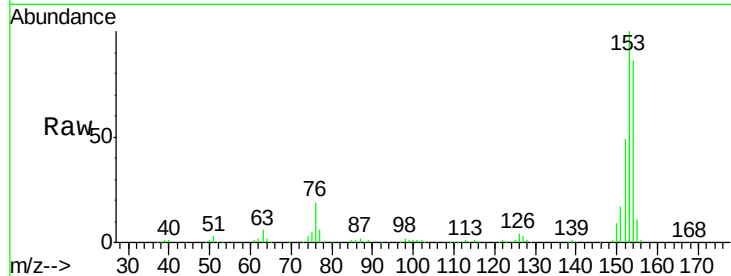
Tot Ion:154 Resp: 261215

Ion Ratio Lower Upper

154 100

153 115.6 91.9 137.9

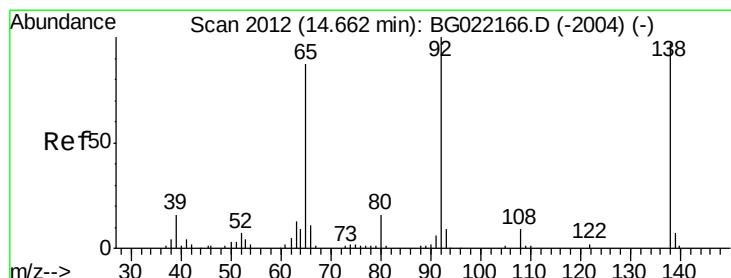
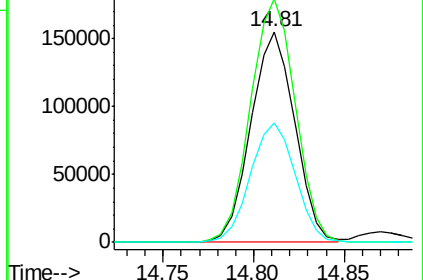
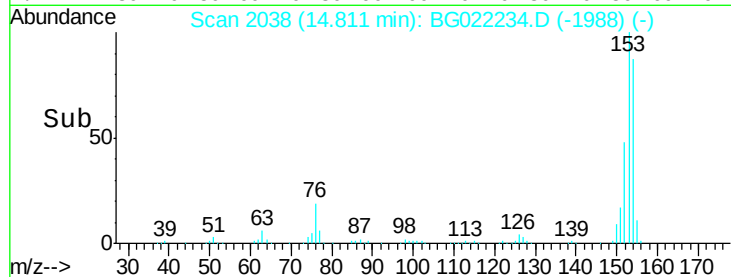
152 56.7 42.0 63.0



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: 31.04 ng

RT: 14.66 min Scan# 2012

Delta R.T. -0.00 min

Lab File: BG022234.D

Acq: 8 Jun 2016 12:44

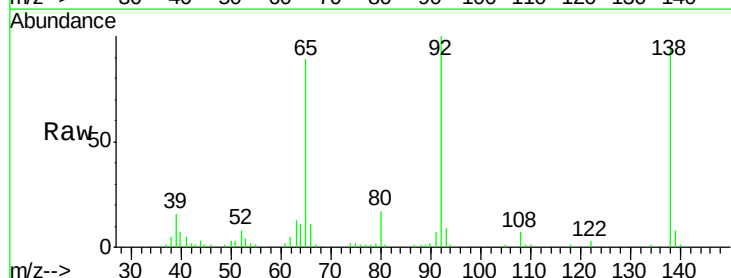
Tgt Ion:138 Resp: 54489

Ion Ratio Lower Upper

138 100

108 7.8 9.1 13.7#

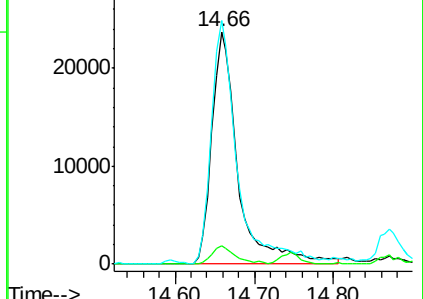
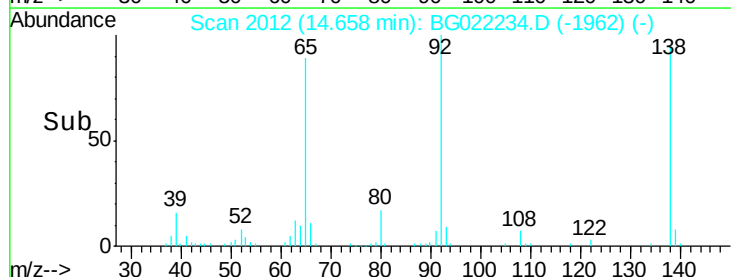
92 104.7 102.6 154.0

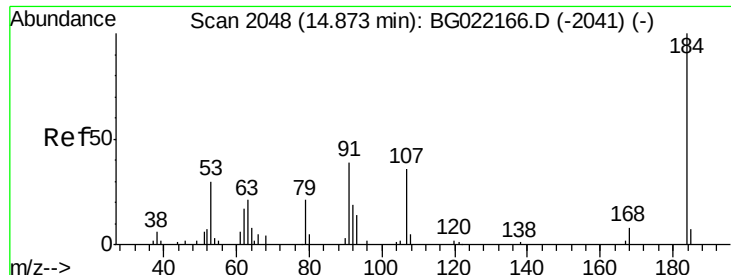


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

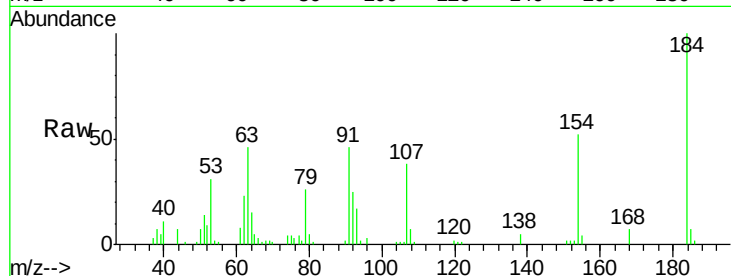




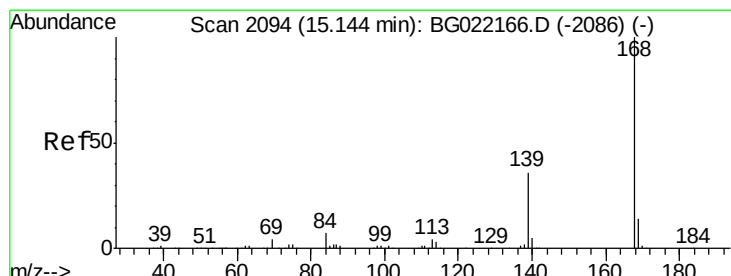
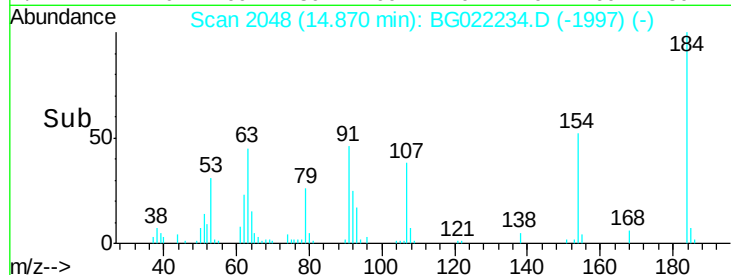
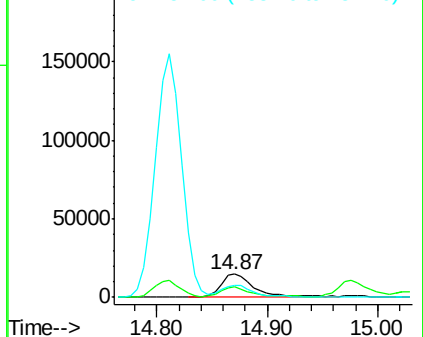
#53
 2,4-Dinitrophenol
 Concen: 53.37 ng
 RT: 14.87 min Scan# 2048
 Delta R.T. -0.00 min
 Lab File: BG022234.D
 Acq: 8 Jun 2016 12:44

Instrument :
 BNA_G
 ClientSampleId :
 SB-16MS

Tot Ion:184 Resp: 31772
 Ion Ratio Lower Upper
 184 100
 63 46.2 57.3 85.9#
 154 51.7 55.2 82.8#

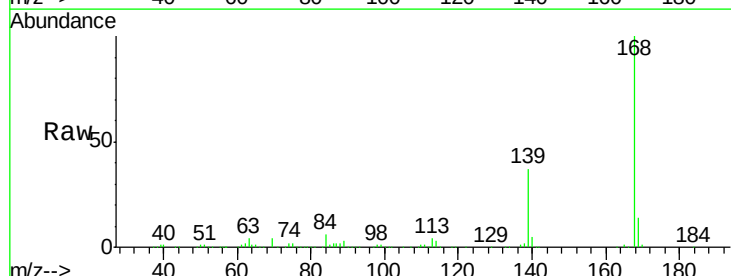


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

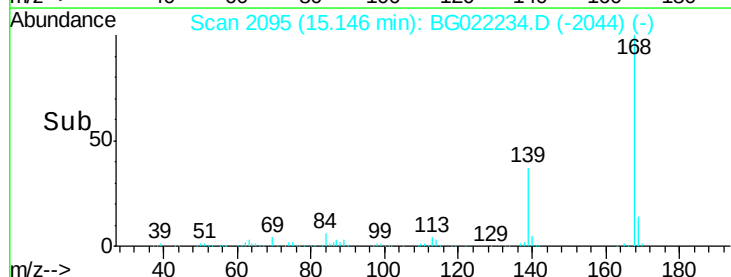
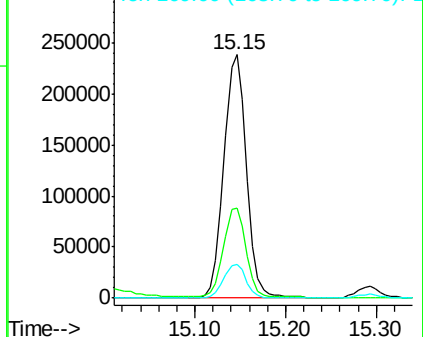


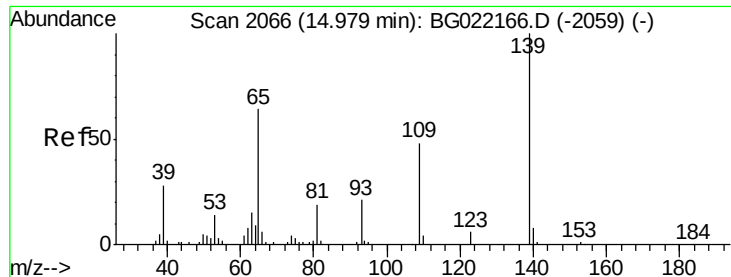
#54
 Dibenzofuran
 Concen: 49.68 ng
 RT: 15.15 min Scan# 2095
 Delta R.T. 0.00 min
 Lab File: BG022234.D
 Acq: 8 Jun 2016 12:44

Tgt Ion:168 Resp: 412854
 Ion Ratio Lower Upper
 168 100
 139 36.8 31.1 46.7
 169 14.1 11.0 16.6



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

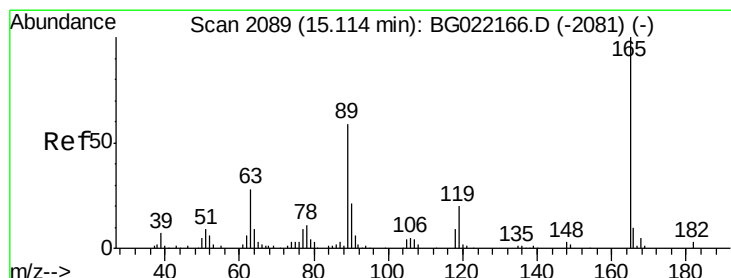
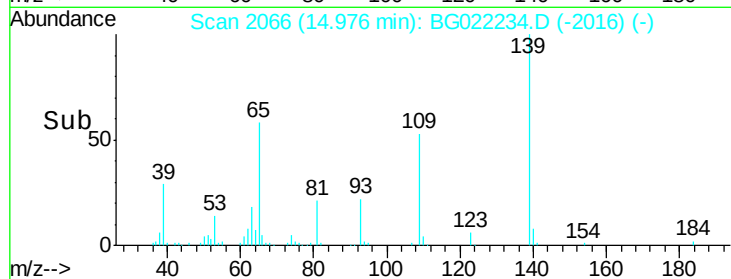
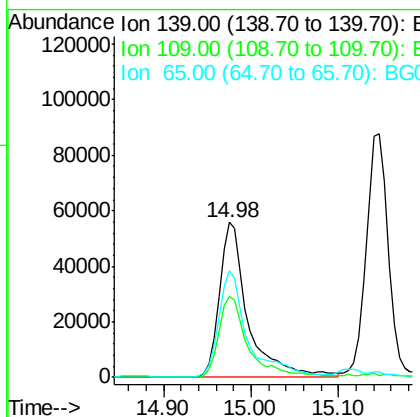
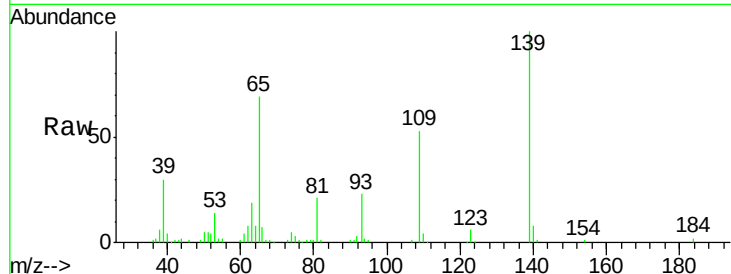




#55
4-Nitrophenol
Concen: 103.46 ng
RT: 14.98 min Scan# 2066
Delta R.T. -0.00 min
Lab File: BG022234.D
Acq: 8 Jun 2016 12:44

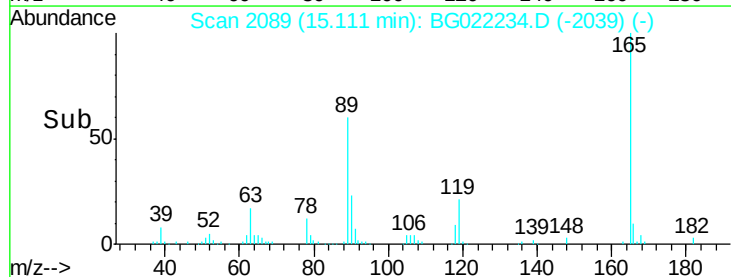
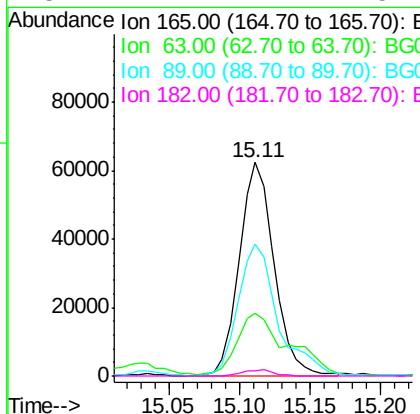
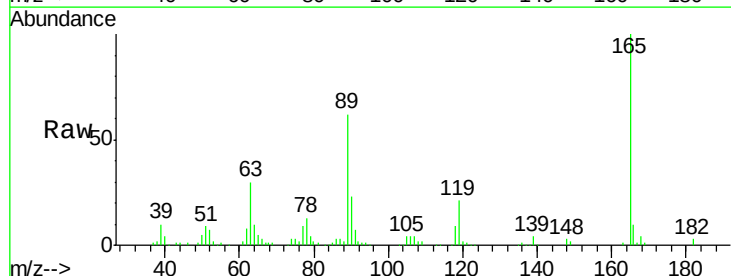
Instrument :
BNA_G
ClientSampled :
SB-16MS

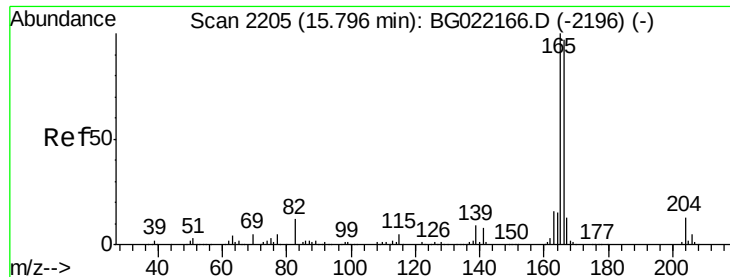
Tot Ion:139 Resp: 125355
Ion Ratio Lower Upper
139 100
109 52.7 49.2 89.2
65 69.2 83.2 123.2#



#56
2,4-Dinitrotoluene
Concen: 50.72 ng
RT: 15.11 min Scan# 2089
Delta R.T. -0.00 min
Lab File: BG022234.D
Acq: 8 Jun 2016 12:44

Tgt Ion:165 Resp: 107697
Ion Ratio Lower Upper
165 100
63 29.5 37.4 56.0#
89 61.8 59.4 89.0
182 2.7 2.1 3.1

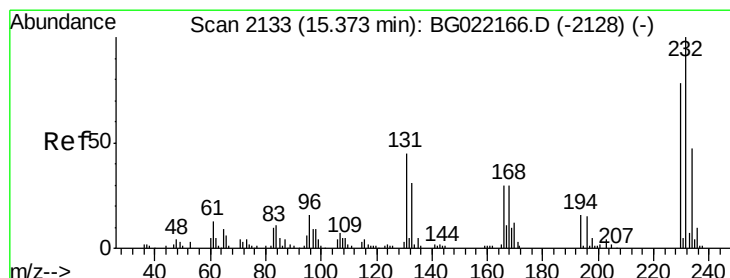
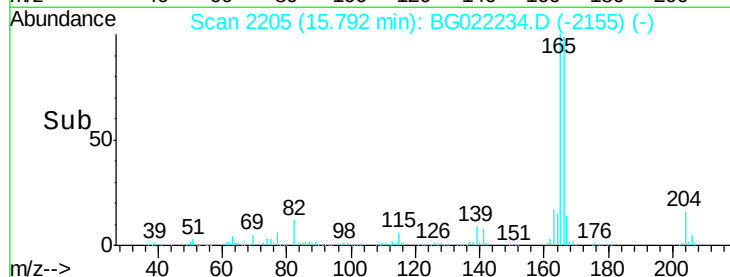
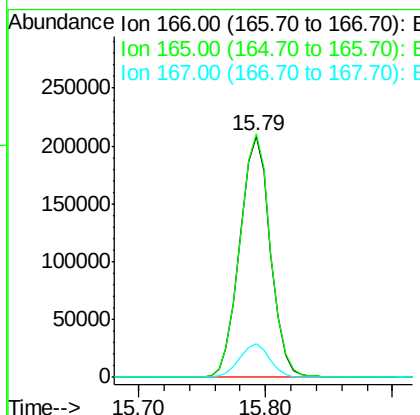
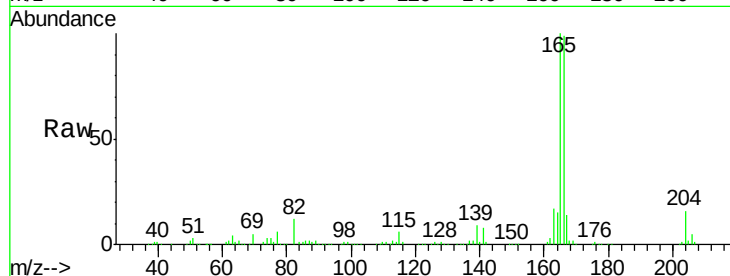




#57
 Fluorene
 Concen: 48.72 ng
 RT: 15.79 min Scan# 2205
 Delta R.T. -0.00 min
 Lab File: BG022234.D
 Acq: 8 Jun 2016 12:44

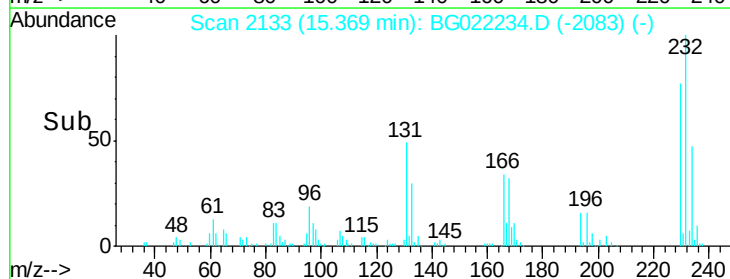
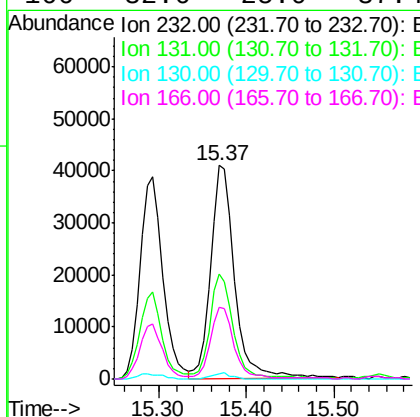
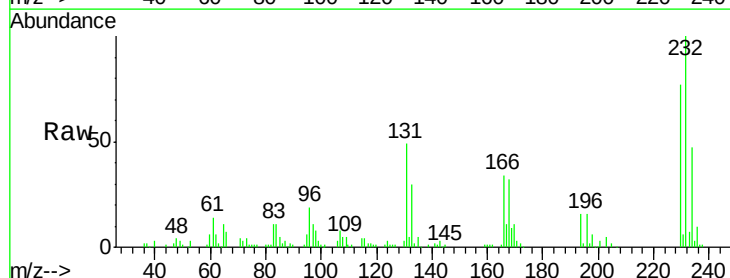
Instrument :
 BNA_G
 ClientSampled :
 SB-16MS

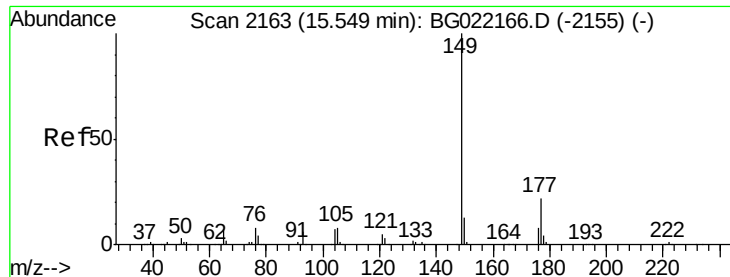
Tot Ion:166 Resp: 348783
 Ion Ratio Lower Upper
 166 100
 165 100.9 79.0 118.4
 167 14.2 10.7 16.1



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 51.04 ng
 RT: 15.37 min Scan# 2133
 Delta R.T. -0.00 min
 Lab File: BG022234.D
 Acq: 8 Jun 2016 12:44

Tgt Ion:232 Resp: 76701
 Ion Ratio Lower Upper
 232 100
 131 50.1 36.3 54.5
 130 2.4 1.9 2.9
 166 32.6 25.0 37.4





#59

Diethylphthalate

Concen: 46.59 ng

RT: 15.55 min Scan# 2164

Delta R.T. 0.00 min

Lab File: BG022234.D

Acq: 8 Jun 2016 12:44

Instrument :

BNA_G

ClientSampleId :

SB-16MS

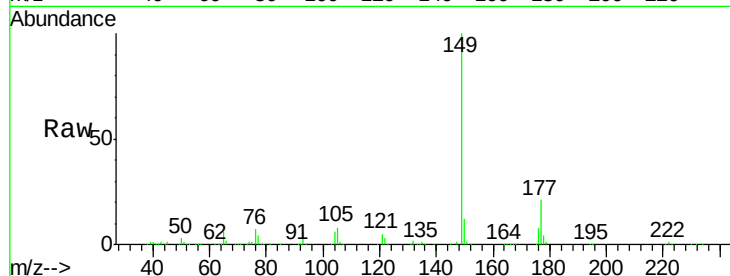
Tot Ion:149 Resp: 362384

Ion Ratio Lower Upper

149 100

177 21.4 17.3 25.9

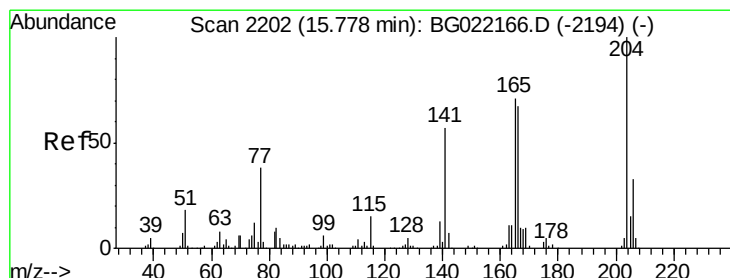
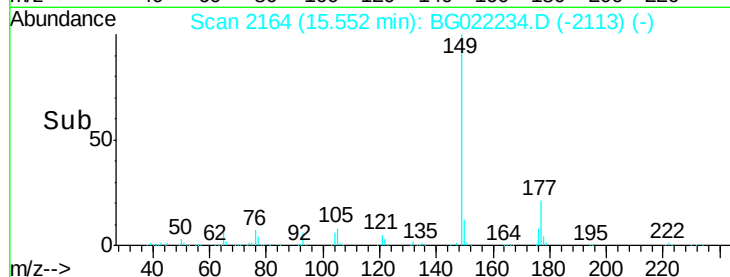
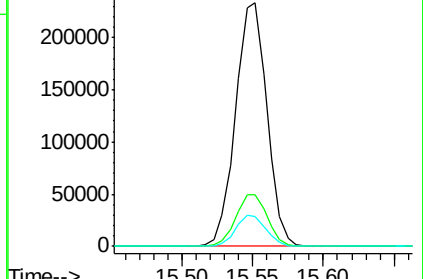
150 12.3 9.7 14.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 49.96 ng

RT: 15.77 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BG022234.D

Acq: 8 Jun 2016 12:44

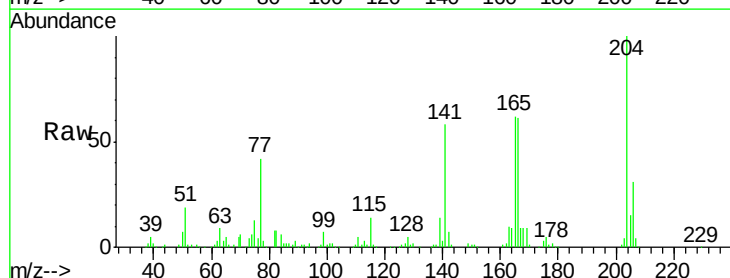
Tgt Ion:204 Resp: 161962

Ion Ratio Lower Upper

204 100

206 31.3 27.8 41.8

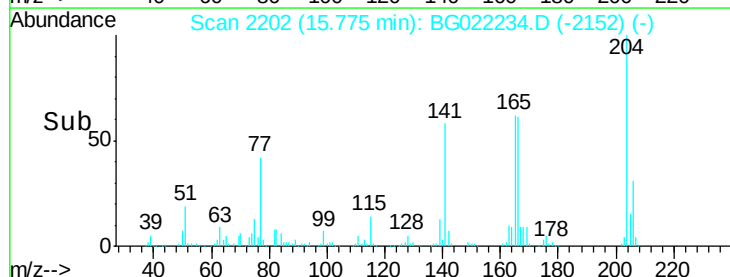
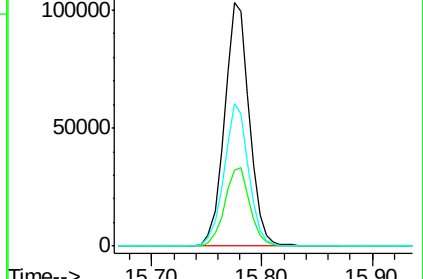
141 58.3 51.0 76.4

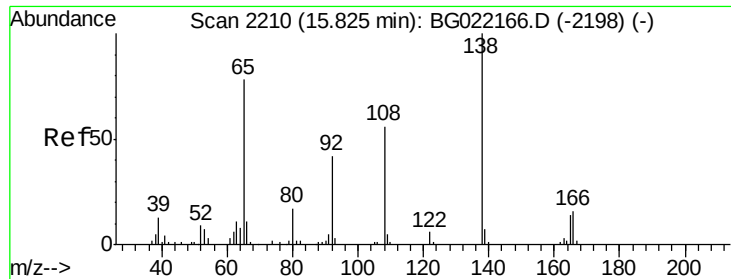


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

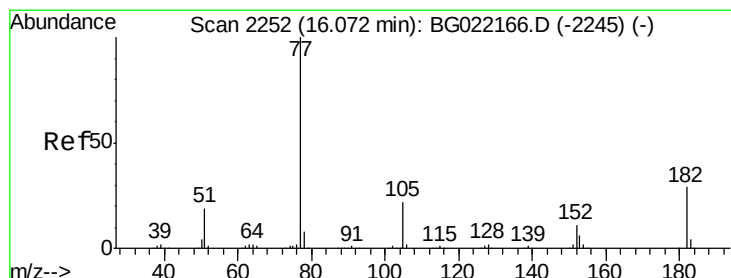
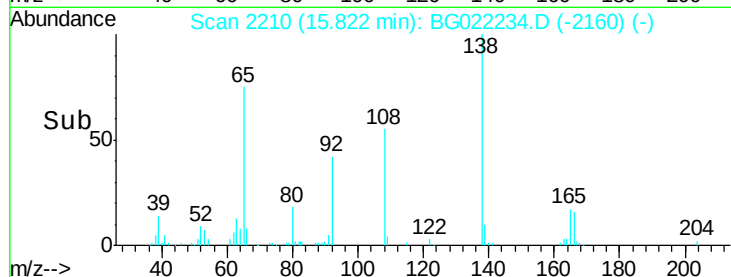
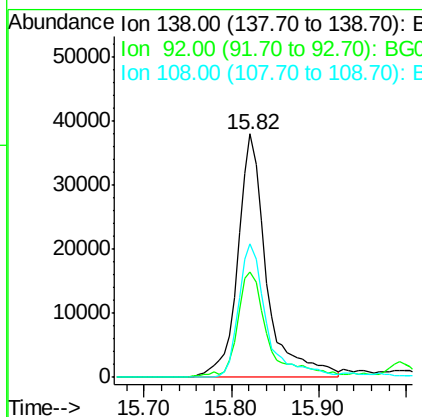
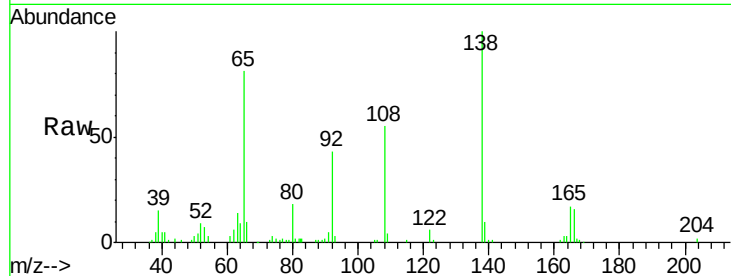




#61
4-Nitroaniline
Concen: 45.28 ng
RT: 15.82 min Scan# 2210
Delta R.T. -0.00 min
Lab File: BG022234.D
Acq: 8 Jun 2016 12:44

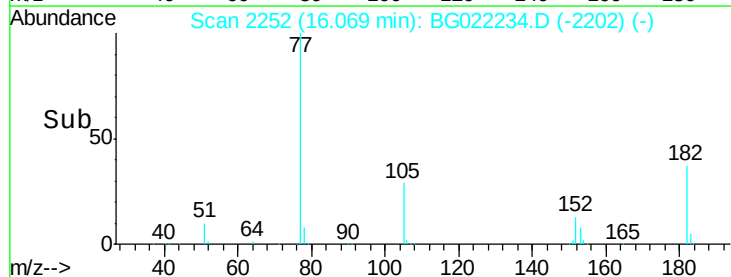
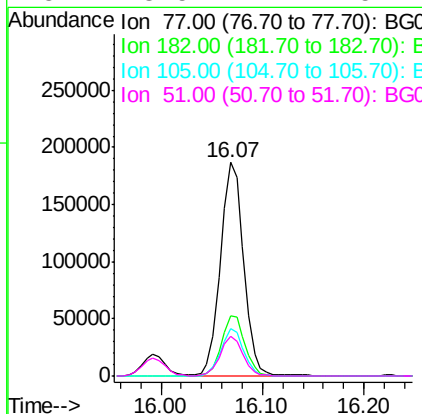
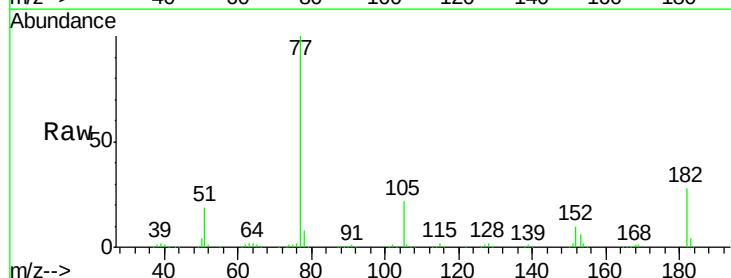
Instrument :
BNA_G
ClientSampleId :
SB-16MS

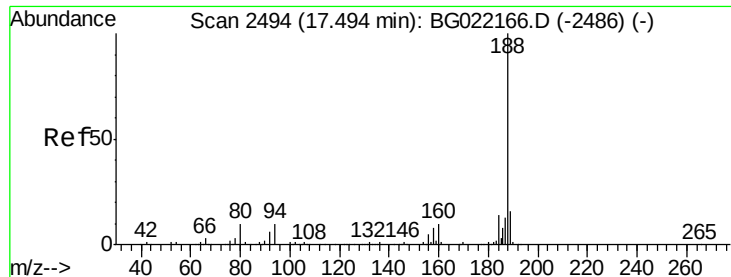
Tot Ion:138 Resp: 84314
Ion Ratio Lower Upper
138 100
92 43.1 37.7 77.7
108 54.7 59.4 99.4#



#62
Azobenzene
Concen: 50.26 ng
RT: 16.07 min Scan# 2252
Delta R.T. -0.00 min
Lab File: BG022234.D
Acq: 8 Jun 2016 12:44

Tgt Ion: 77 Resp: 296018
Ion Ratio Lower Upper
77 100
182 28.4 4.1 44.1
105 22.3 0.0 39.8
51 18.5 11.1 51.1

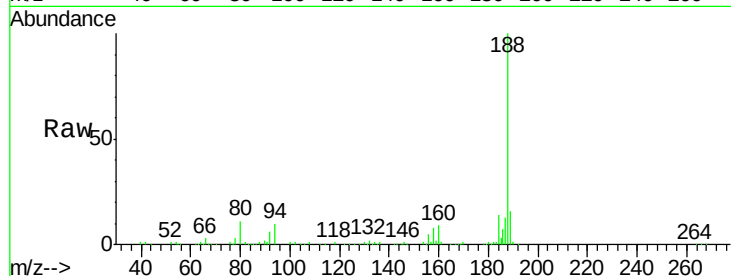




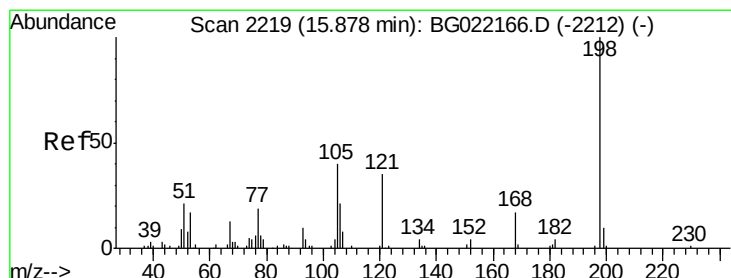
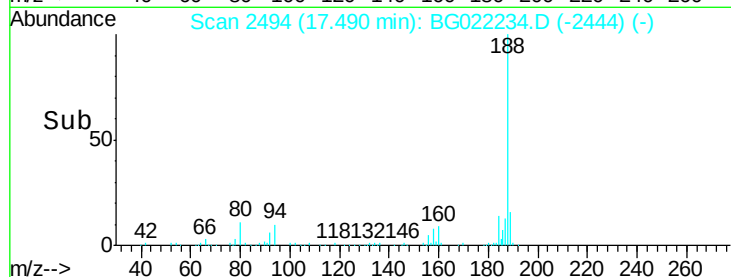
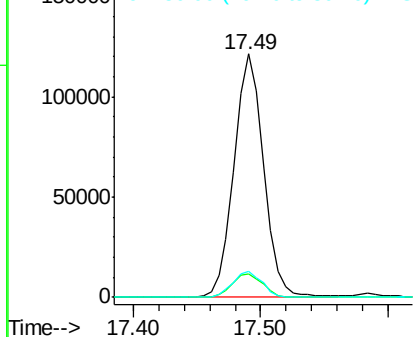
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2494
Delta R.T. -0.00 min
Lab File: BG022234.D
Acq: 8 Jun 2016 12:44

Instrument :
BNA_G
ClientSampleId :
SB-16MS

Tot Ion:188 Resp: 196018
Ion Ratio Lower Upper
188 100
94 9.8 7.5 11.3
80 10.7 8.6 13.0

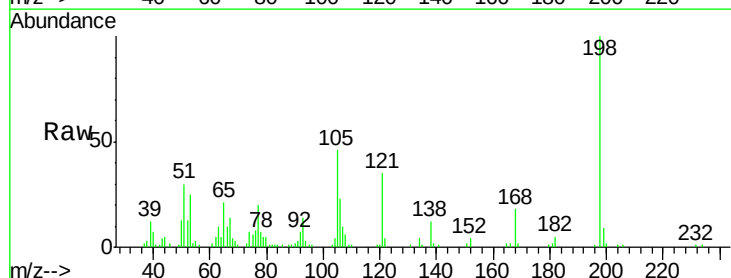


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

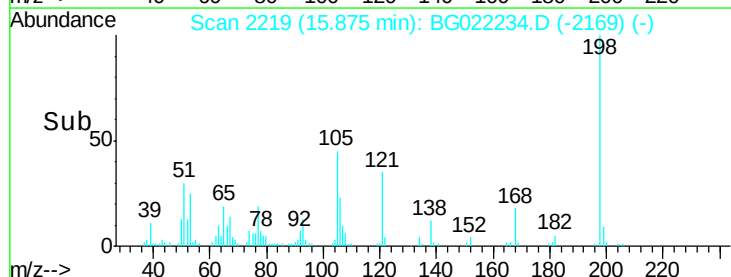
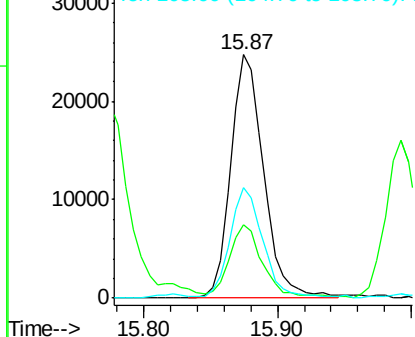


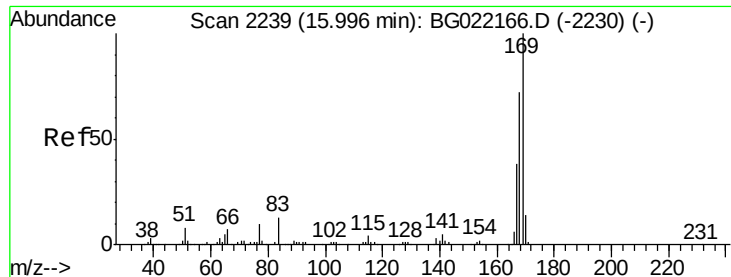
#64
4,6-Dinitro-2-methylphenol
Concen: 43.48 ng
RT: 15.87 min Scan# 2219
Delta R.T. -0.00 min
Lab File: BG022234.D
Acq: 8 Jun 2016 12:44

Tgt Ion:198 Resp: 42631
Ion Ratio Lower Upper
198 100
51 30.0 29.2 69.2
105 45.5 24.0 64.0



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BGC
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 52.85 ng

RT: 15.99 min Scan# 2239

Delta R.T. -0.00 min

Lab File: BG022234.D

Acq: 8 Jun 2016 12:44

Instrument :

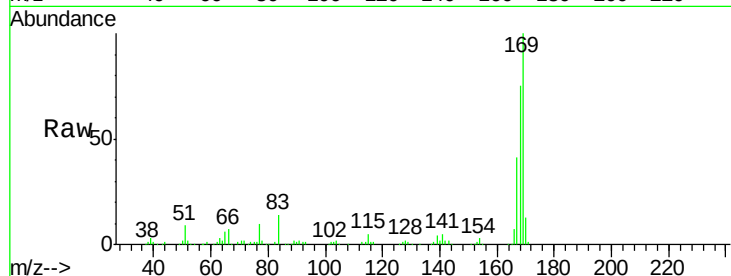
BNA_G

ClientSampleId :

SB-16MS

Tot Ion:169 Resp: 298442

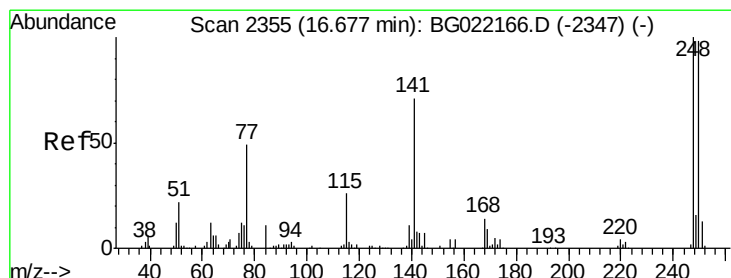
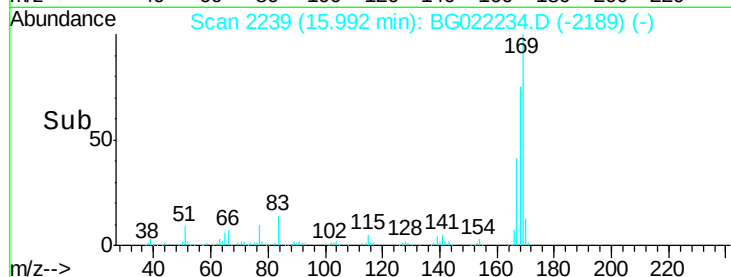
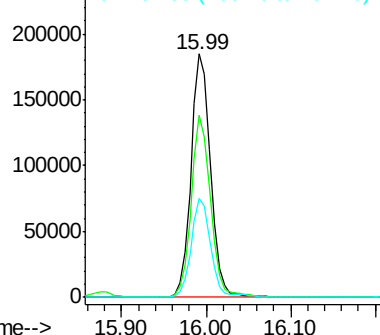
Ion	Ratio	Lower	Upper
169	100		
168	75.1	59.6	89.4
167	40.6	31.2	46.8



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: 51.76 ng

RT: 16.67 min Scan# 2355

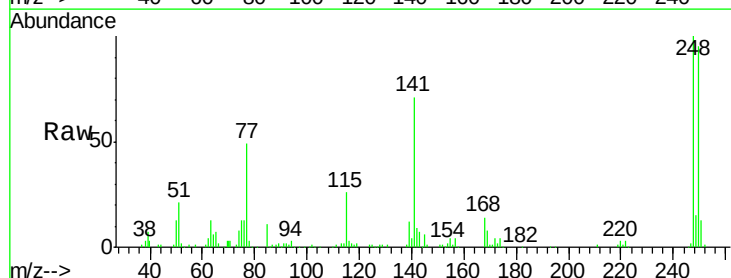
Delta R.T. -0.00 min

Lab File: BG022234.D

Acq: 8 Jun 2016 12:44

Tgt Ion:248 Resp: 95074

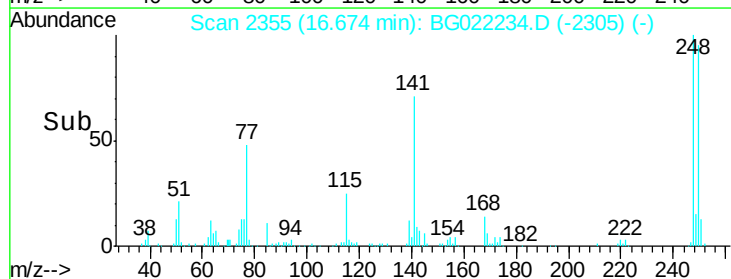
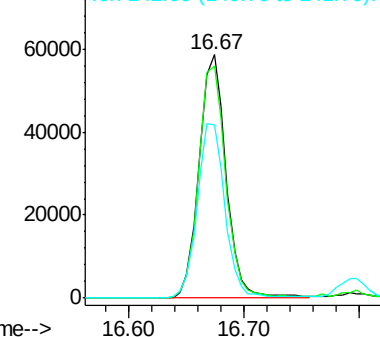
Ion	Ratio	Lower	Upper
248	100		
250	95.4	76.6	114.8
141	71.3	63.8	95.6

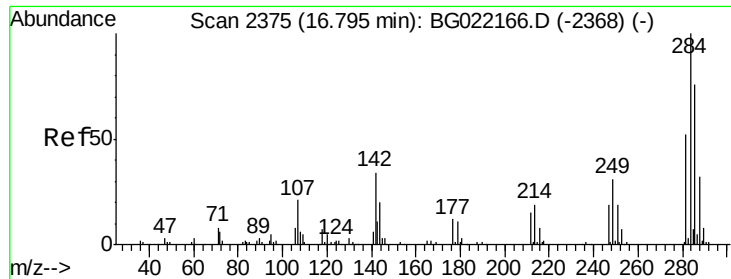


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 49.51 ng

RT: 16.80 min Scan# 2376

Delta R.T. 0.00 min

Lab File: BG022234.D

Acq: 8 Jun 2016 12:44

Instrument :

BNA_G

ClientSampleId :

SB-16MS

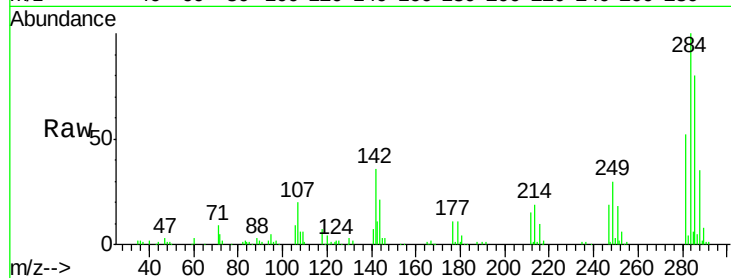
Tot Ion:284 Resp: 105995

Ion Ratio Lower Upper

284 100

142 36.0 31.8 47.6

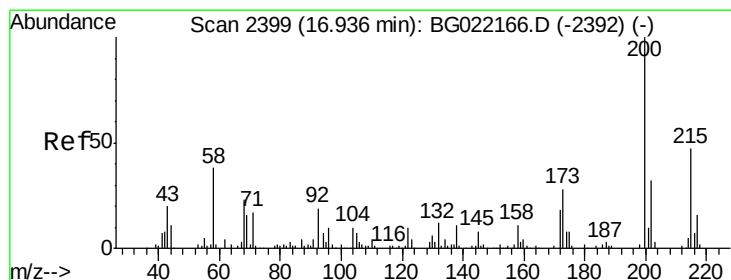
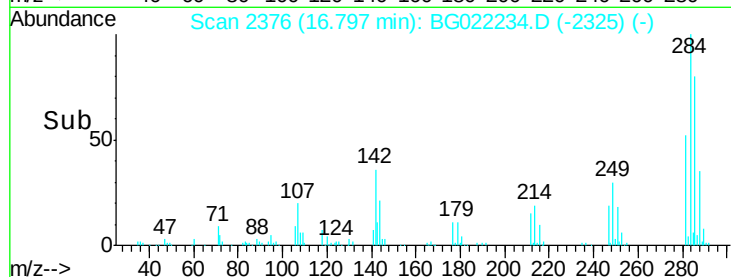
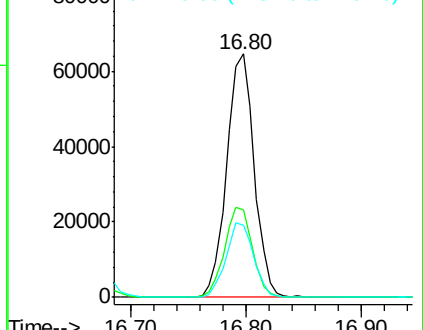
249 32.6 27.3 40.9



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: 47.84 ng

RT: 16.93 min Scan# 2399

Delta R.T. -0.00 min

Lab File: BG022234.D

Acq: 8 Jun 2016 12:44

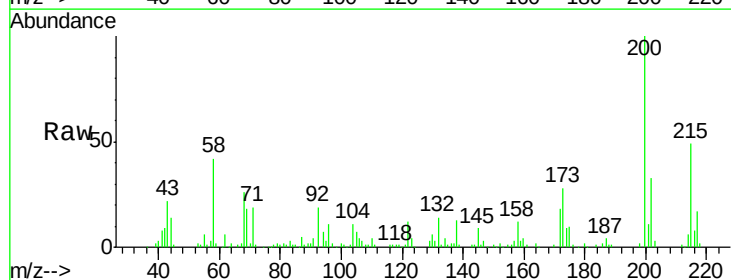
Tgt Ion:200 Resp: 100006

Ion Ratio Lower Upper

200 100

173 28.4 5.1 45.1

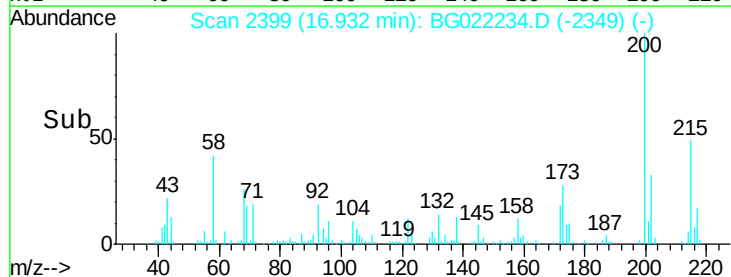
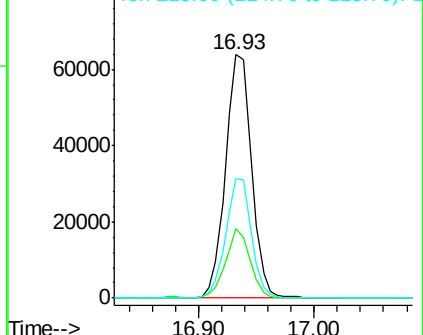
215 49.3 28.0 68.0

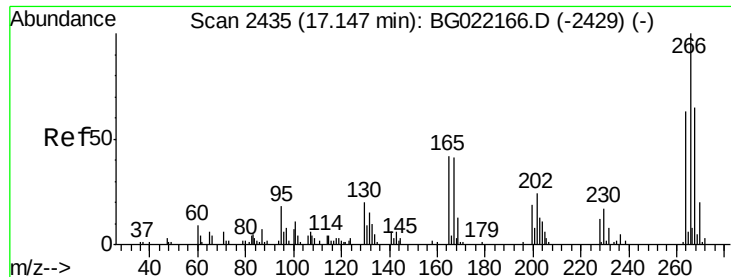


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 101.82 ng

RT: 17.14 min Scan# 2435

Delta R.T. -0.00 min

Lab File: BG022234.D

Acq: 8 Jun 2016 12:44

Instrument :

BNA_G

ClientSampleId :

SB-16MS

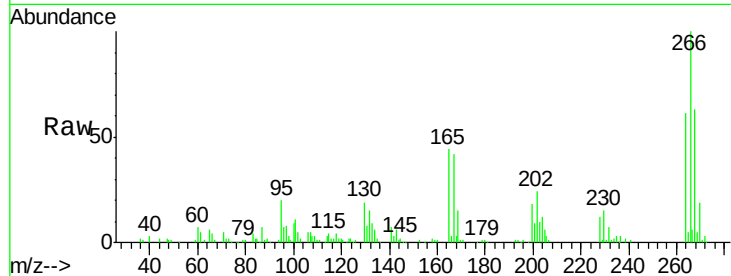
Tot Ion:266 Resp: 100776

Ion Ratio Lower Upper

266 100

268 68.1 54.5 81.7

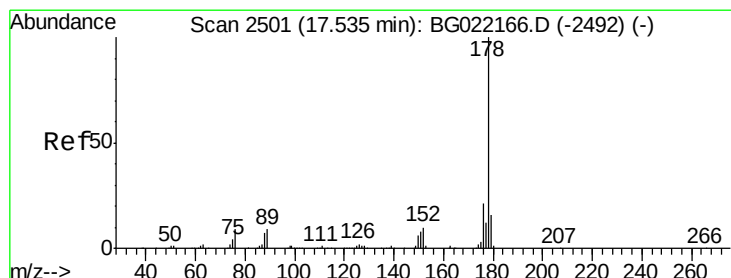
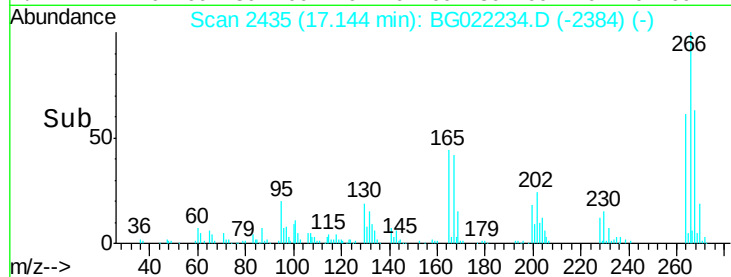
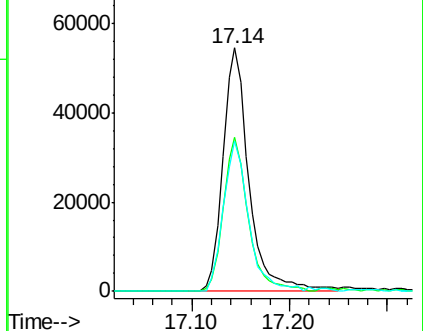
264 66.3 53.8 80.6



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: 50.02 ng

RT: 17.53 min Scan# 2501

Delta R.T. -0.00 min

Lab File: BG022234.D

Acq: 8 Jun 2016 12:44

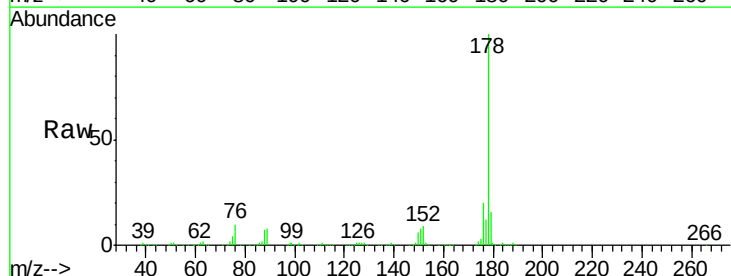
Tgt Ion:178 Resp: 532516

Ion Ratio Lower Upper

178 100

176 20.2 16.2 24.4

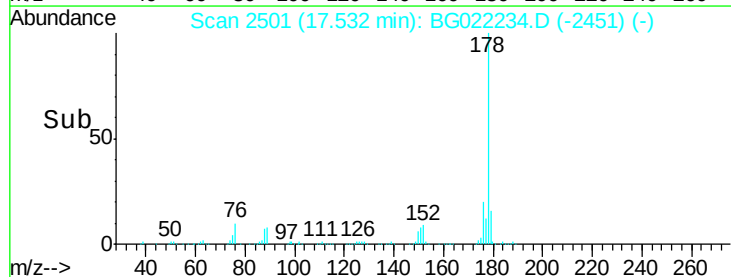
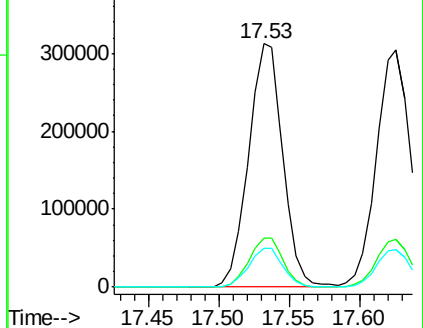
179 15.8 12.0 18.0

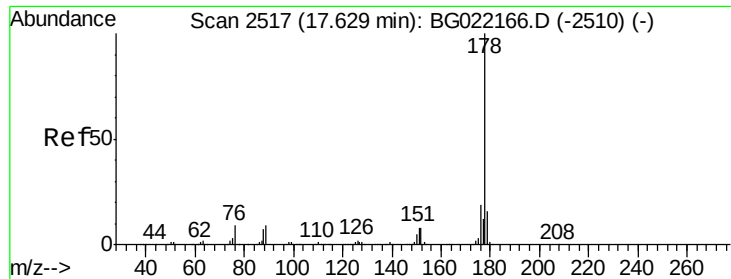


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

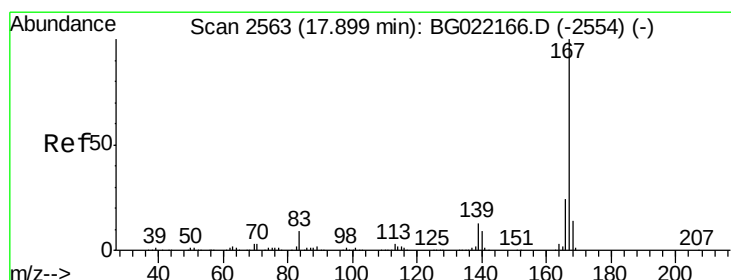
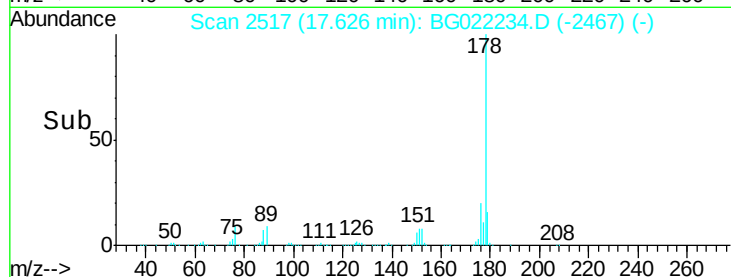
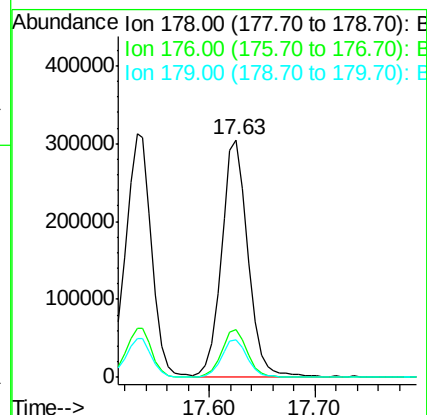
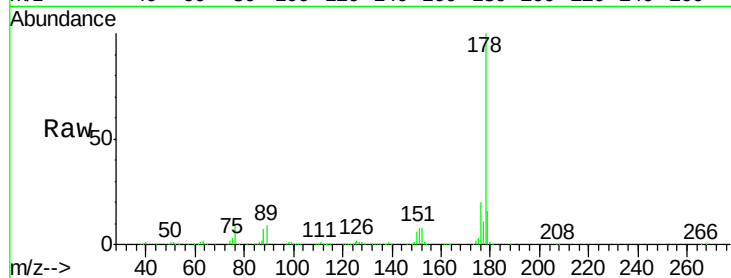




#71
 Anthracene
 Concen: 49.79 ng
 RT: 17.63 min Scan# 2517
 Delta R.T. -0.00 min
 Lab File: BG022234.D
 Acq: 8 Jun 2016 12:44

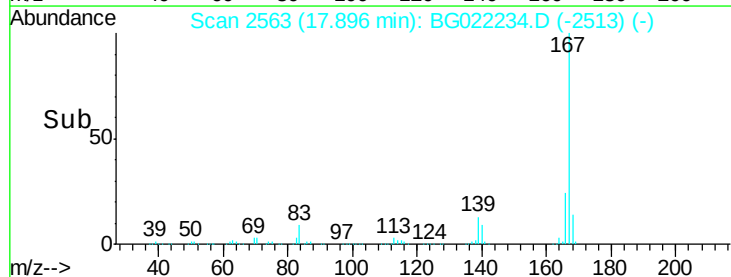
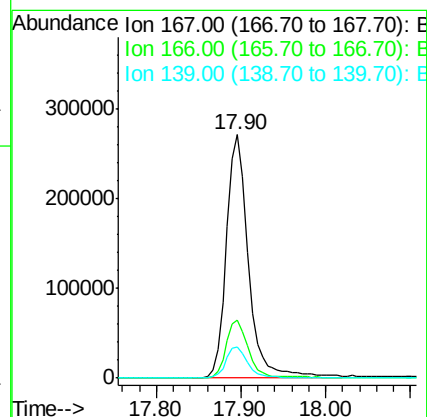
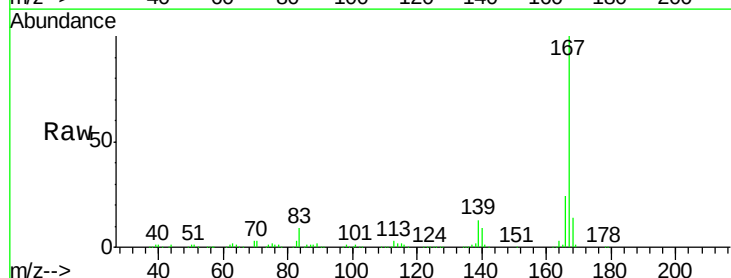
Instrument :
 BNA_G
 ClientSampleId :
 SB-16MS

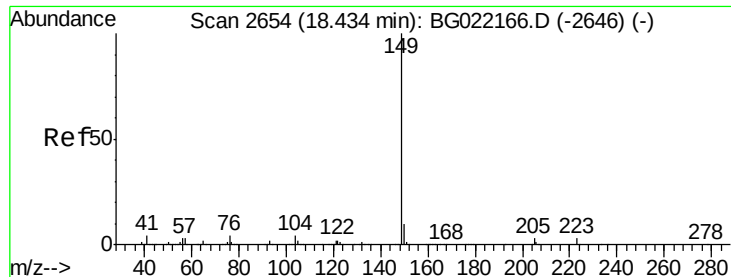
Tot Ion:178 Resp: 525721
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.0 22.4
 179 15.9 12.2 18.4



#72
 Carbazole
 Concen: 49.44 ng
 RT: 17.90 min Scan# 2563
 Delta R.T. -0.00 min
 Lab File: BG022234.D
 Acq: 8 Jun 2016 12:44

Tgt Ion:167 Resp: 494386
 Ion Ratio Lower Upper
 167 100
 166 24.1 18.6 27.8
 139 12.8 10.6 15.8





#73

Di-n-butylphthalate

Concen: 48.32 ng

RT: 18.43 min Scan# 2654

Delta R.T. -0.00 min

Lab File: BG022234.D

Acq: 8 Jun 2016 12:44

Instrument :

BNA_G

ClientSampleId :

SB-16MS

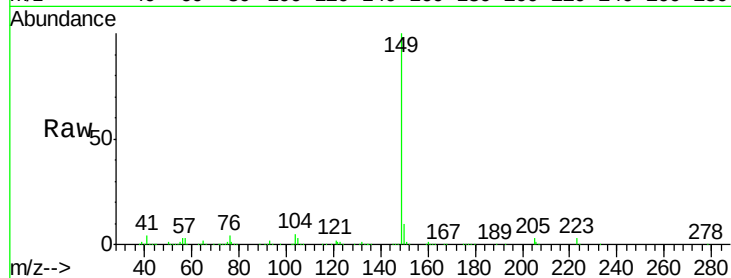
Tot Ion:149 Resp: 631660

Ion Ratio Lower Upper

149 100

150 10.2 7.4 11.0

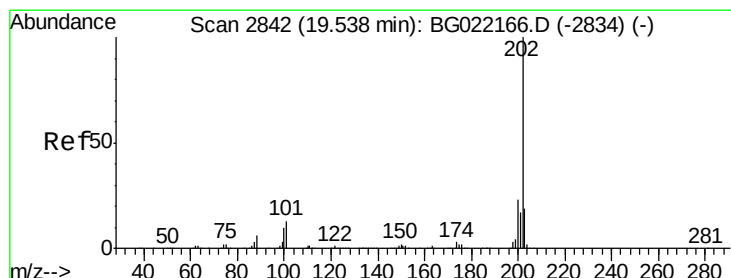
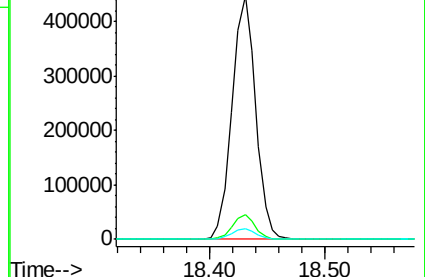
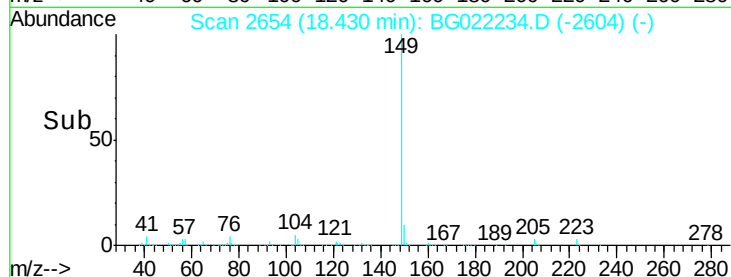
104 4.6 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 48.50 ng

RT: 19.54 min Scan# 2842

Delta R.T. -0.00 min

Lab File: BG022234.D

Acq: 8 Jun 2016 12:44

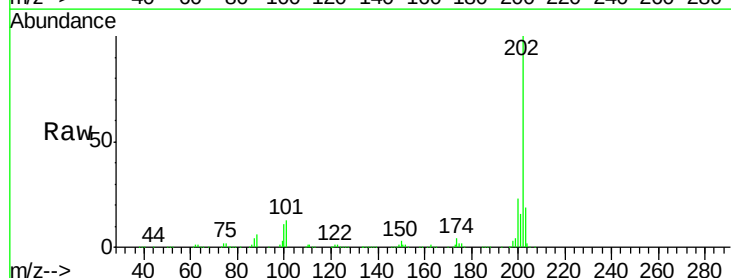
Tgt Ion:202 Resp: 593597

Ion Ratio Lower Upper

202 100

101 13.5 0.0 31.0

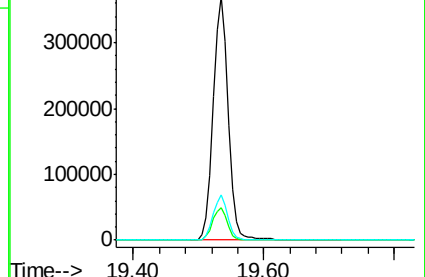
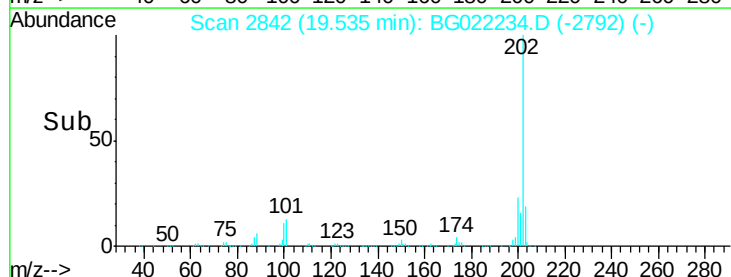
203 18.6 0.0 37.9

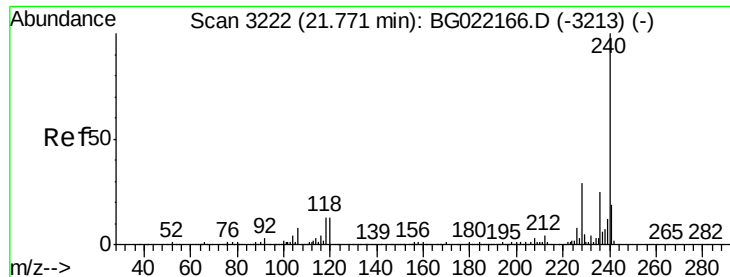


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.77 min Scan# 3222

Delta R.T. -0.00 min

Lab File: BG022234.D

Acq: 8 Jun 2016 12:44

Instrument :

BNA_G

ClientSampled :

SB-16MS

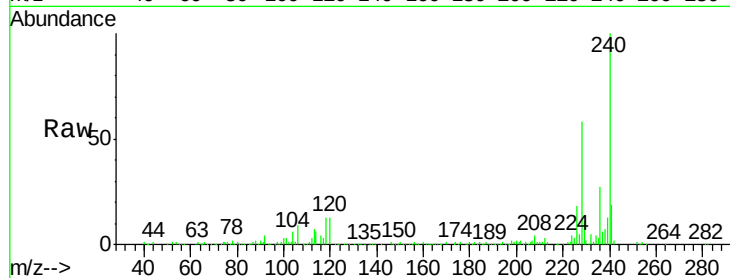
Tot Ion:240 Resp: 186342

Ion Ratio Lower Upper

240 100

120 13.1 8.4 12.6#

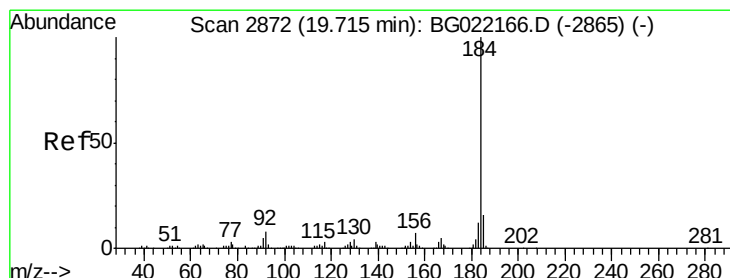
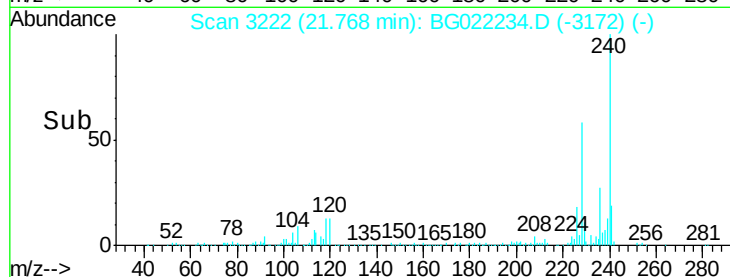
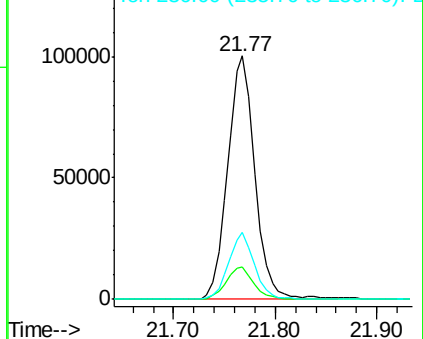
236 27.3 19.6 29.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 42.69 ng

RT: 19.72 min Scan# 2873

Delta R.T. 0.00 min

Lab File: BG022234.D

Acq: 8 Jun 2016 12:44

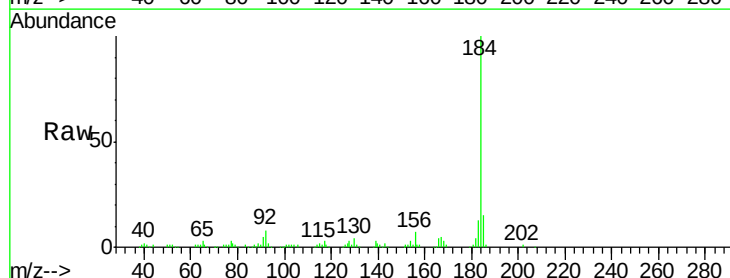
Tgt Ion:184 Resp: 208000

Ion Ratio Lower Upper

184 100

185 15.3 11.5 17.3

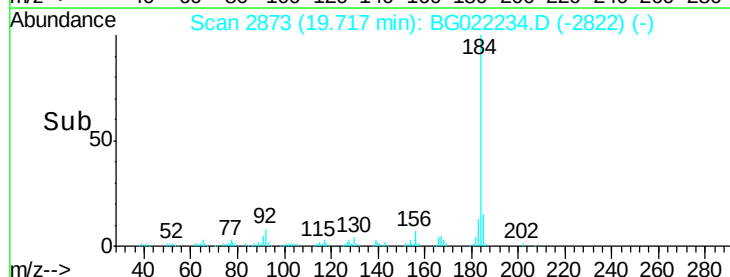
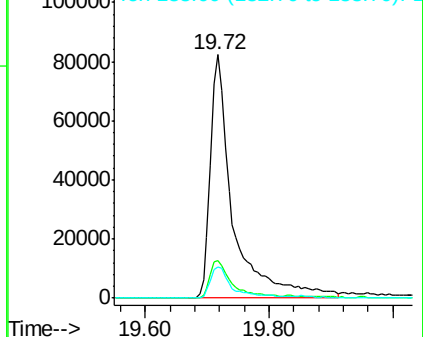
183 12.5 10.2 15.4

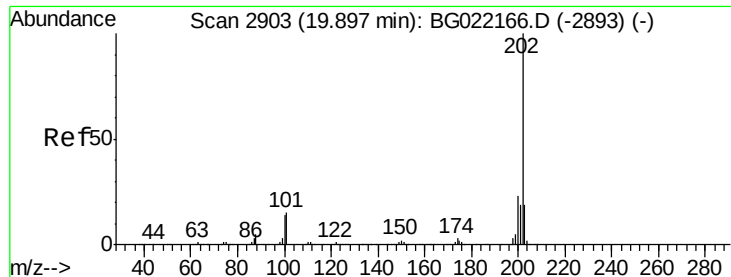


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 51.11 ng

RT: 19.89 min Scan# 2903

Delta R.T. -0.00 min

Lab File: BG022234.D

Acq: 8 Jun 2016 12:44

Instrument :

BNA_G

ClientSampleId :

SB-16MS

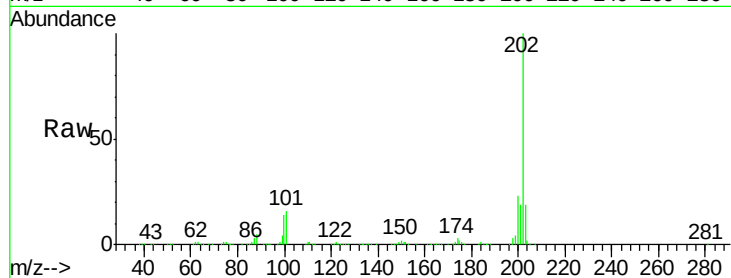
Tot Ion:202 Resp: 592059

Ion Ratio Lower Upper

202 100

200 22.7 18.2 27.2

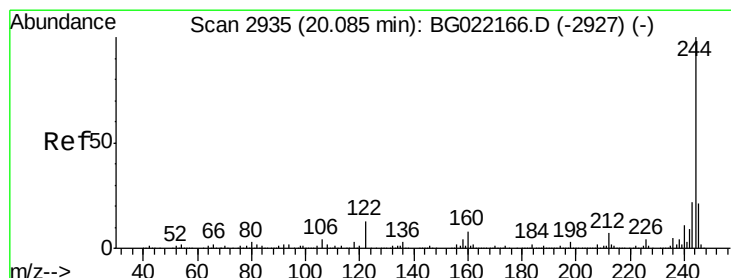
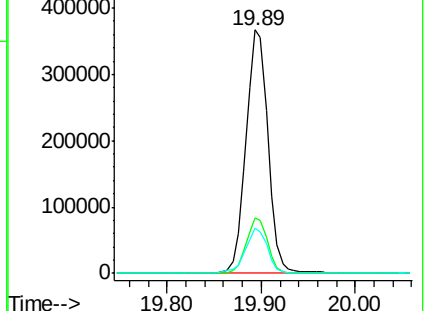
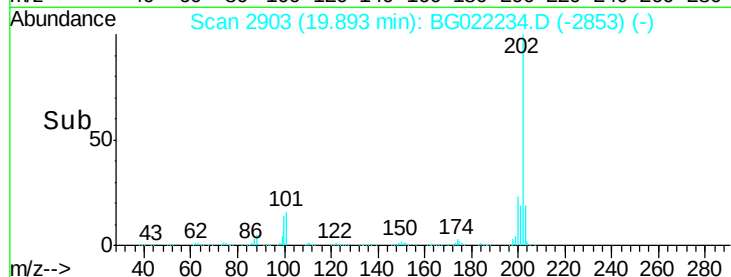
203 18.5 15.0 22.4



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: 93.34 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.00 min

Lab File: BG022234.D

Acq: 8 Jun 2016 12:44

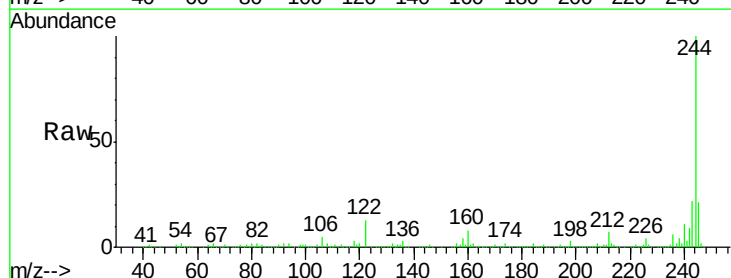
Tgt Ion:244 Resp: 732639

Ion Ratio Lower Upper

244 100

212 7.4 6.5 9.7

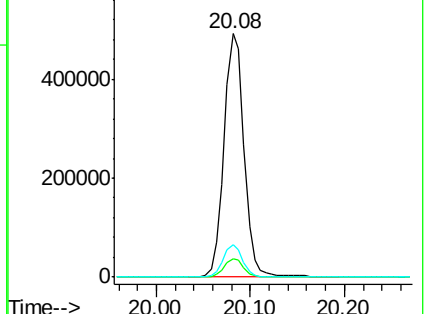
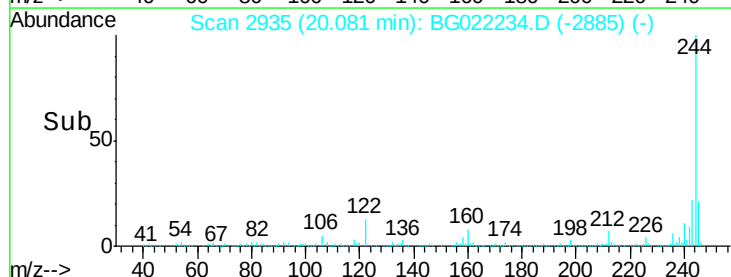
122 13.4 8.6 12.8#

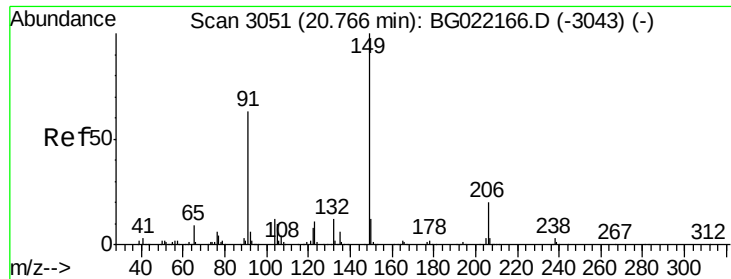


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 50.92 ng

RT: 20.76 min Scan# 3051

Delta R.T. -0.00 min

Lab File: BG022234.D

Acq: 8 Jun 2016 12:44

Instrument :

BNA_G

ClientSampled :

SB-16MS

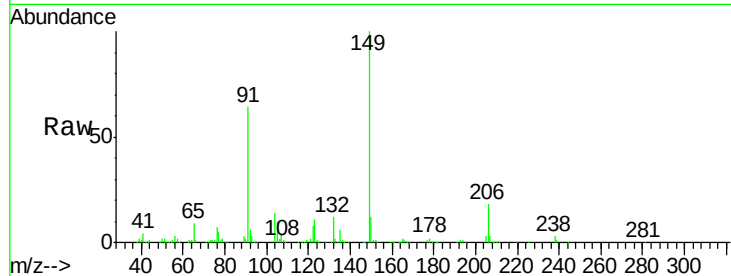
Tot Ion:149 Resp: 273548

Ion Ratio Lower Upper

149 100

91 63.7 57.8 86.8

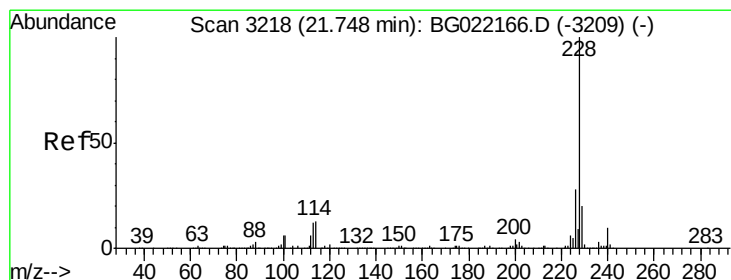
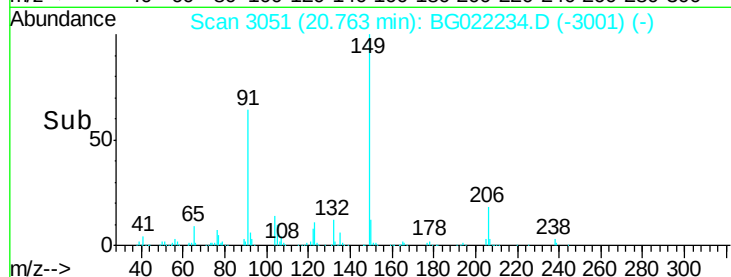
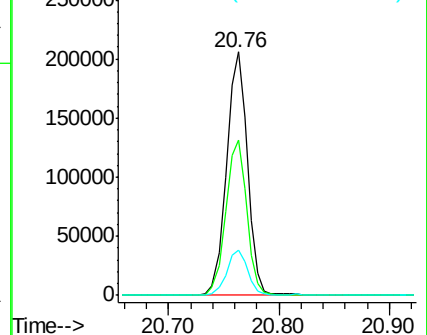
206 18.4 17.0 25.4



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: 50.38 ng

RT: 21.74 min Scan# 3218

Delta R.T. -0.00 min

Lab File: BG022234.D

Acq: 8 Jun 2016 12:44

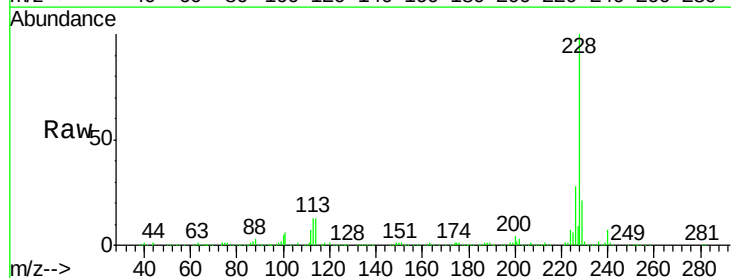
Tgt Ion:228 Resp: 526458

Ion Ratio Lower Upper

228 100

226 28.3 22.6 34.0

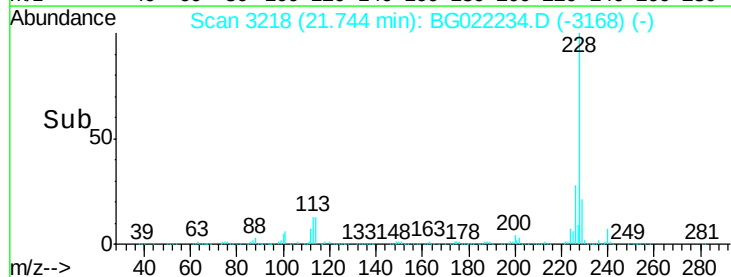
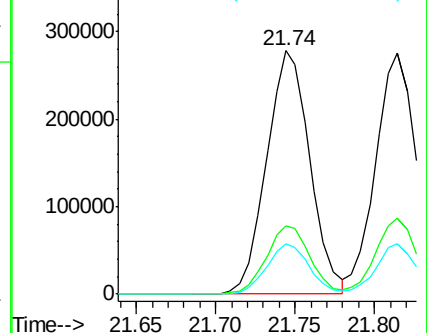
229 20.6 16.1 24.1

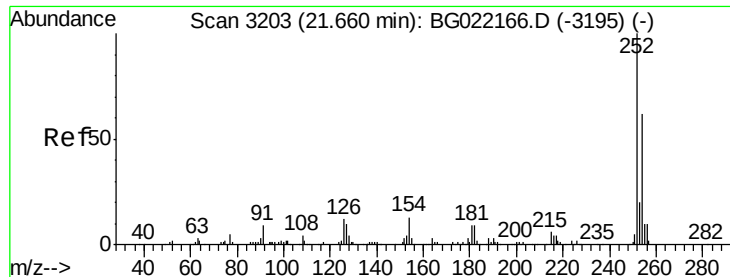


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

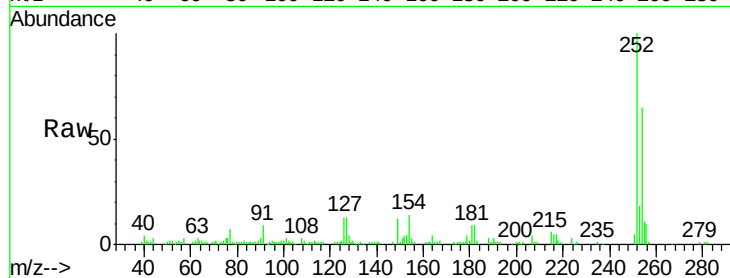




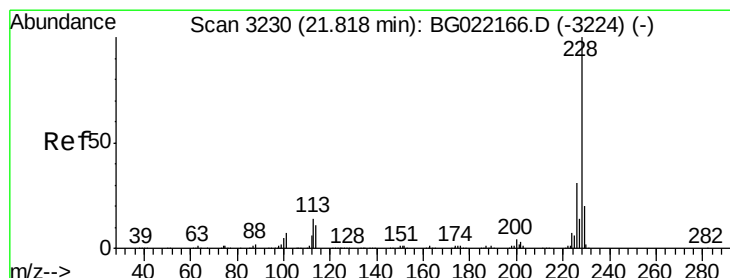
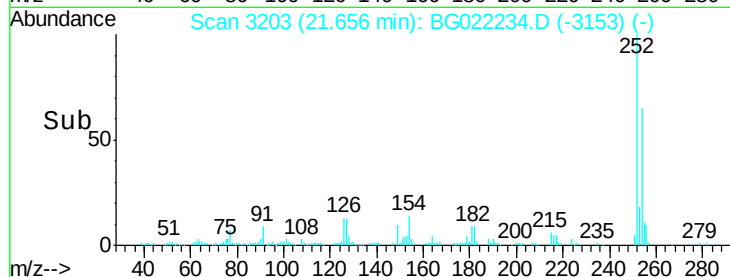
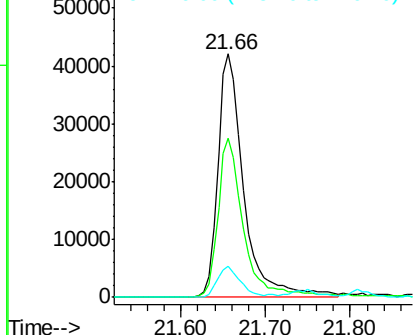
#81
 3,3'-Dichlorobenzidine
 Concen: 30.61 ng
 RT: 21.66 min Scan# 3203
 Delta R.T. -0.00 min
 Lab File: BG022234.D
 Acq: 8 Jun 2016 12:44

Instrument :
 BNA_G
 ClientSampled :
 SB-16MS

Tot Ion:252 Resp: 89784
 Ion Ratio Lower Upper
 252 100
 254 65.3 51.8 77.6
 126 12.9 8.8 13.2

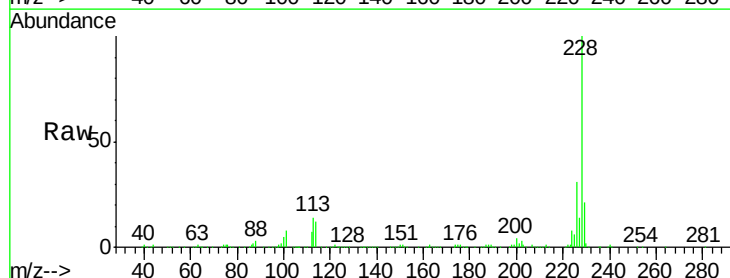


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

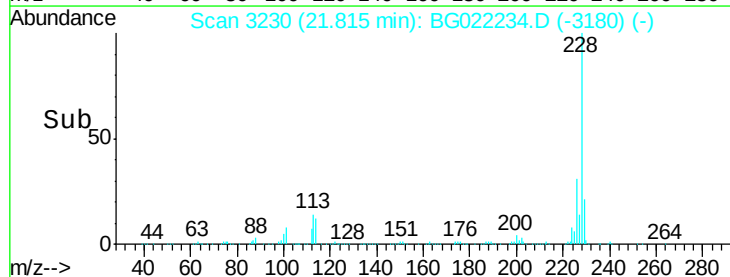
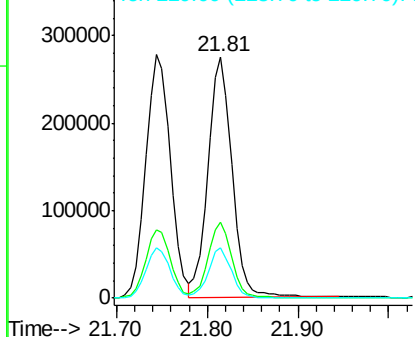


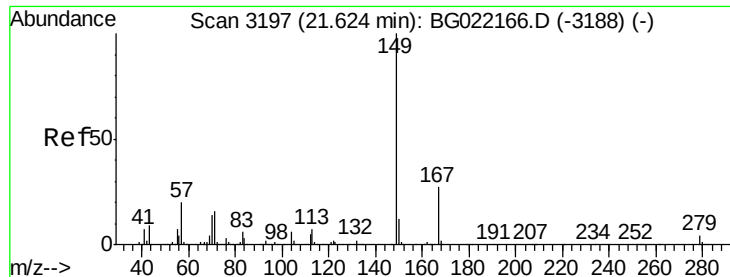
#82
 Chrysene
 Concen: 49.68 ng
 RT: 21.81 min Scan# 3230
 Delta R.T. -0.00 min
 Lab File: BG022234.D
 Acq: 8 Jun 2016 12:44

Tgt Ion:228 Resp: 505154
 Ion Ratio Lower Upper
 228 100
 226 31.3 25.4 38.0
 229 20.7 15.9 23.9



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

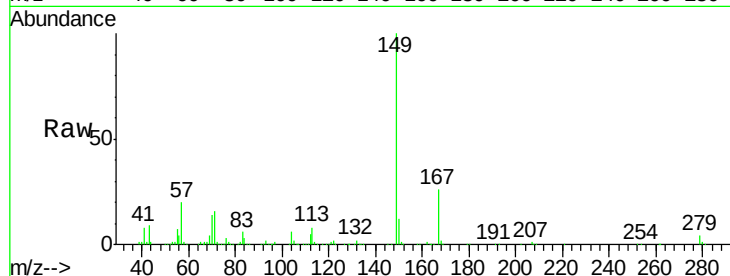




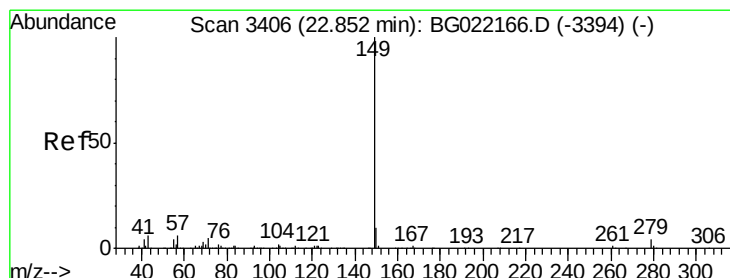
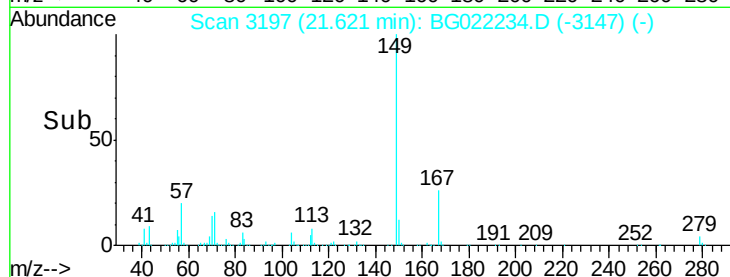
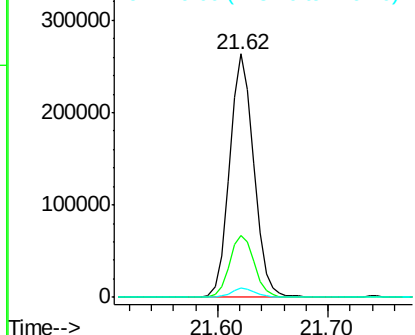
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 51.52 ng
 RT: 21.62 min Scan# 3197
 Delta R.T. -0.00 min
 Lab File: BG022234.D
 Acq: 8 Jun 2016 12:44

Instrument :
 BNA_G
 ClientSampleId :
 SB-16MS

Tot Ion:149 Resp: 407024
 Ion Ratio Lower Upper
 149 100
 167 25.7 22.4 33.6
 279 4.0 3.2 4.8

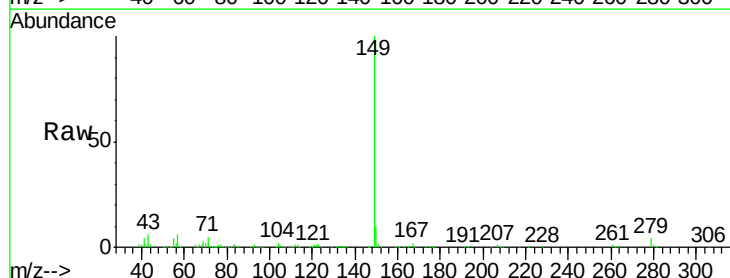


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

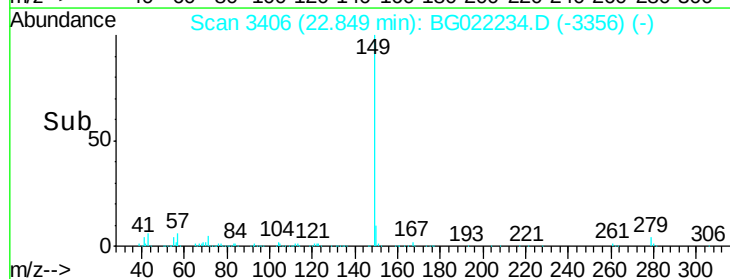
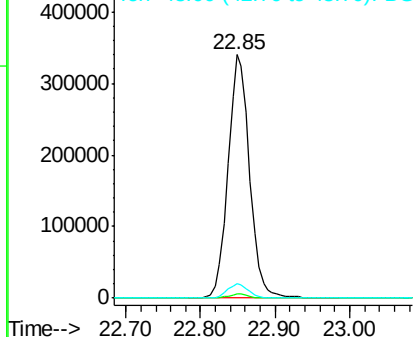


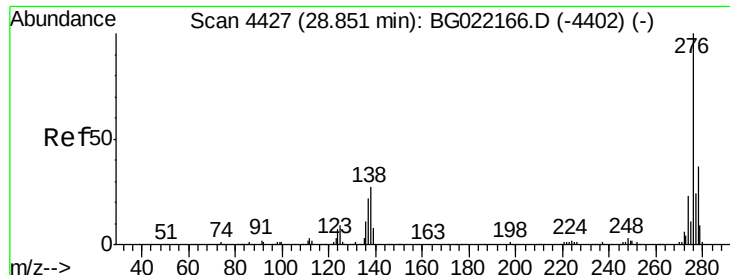
#84
 Di-n-octyl phthalate
 Concen: 52.00 ng
 RT: 22.85 min Scan# 3406
 Delta R.T. -0.00 min
 Lab File: BG022234.D
 Acq: 8 Jun 2016 12:44

Tgt Ion:149 Resp: 682113
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 5.9 9.8 14.6#



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): BG

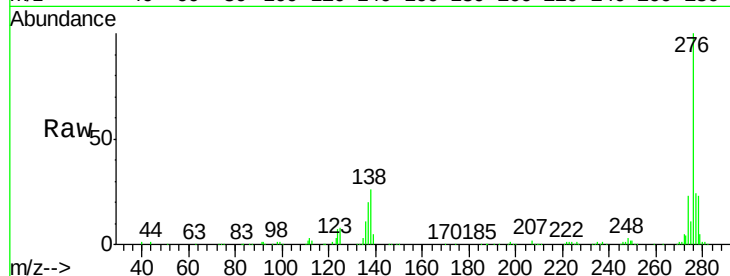




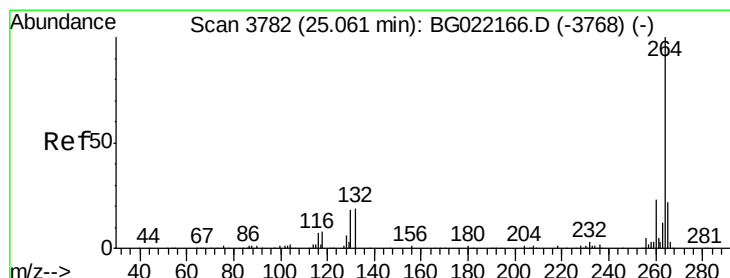
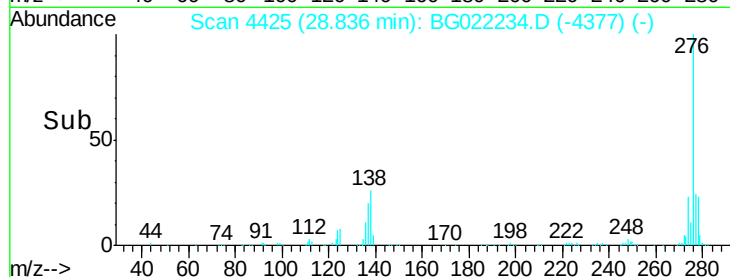
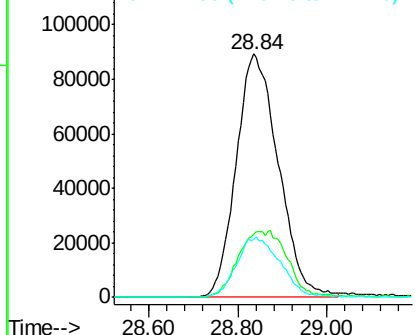
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 51.41 ng
 RT: 28.84 min Scan# 4425
 Delta R.T. -0.02 min
 Lab File: BG022234.D
 Acq: 8 Jun 2016 12:44

Instrument :
 BNA_G
 ClientSampleId :
 SB-16MS

Tot Ion:276 Resp: 586425
 Ion Ratio Lower Upper
 276 100
 138 17.4 14.0 21.0
 277 25.7 20.6 30.8

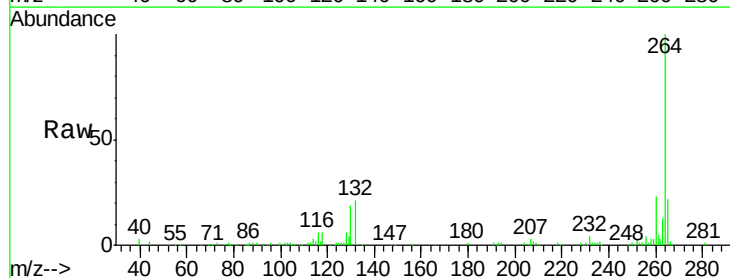


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

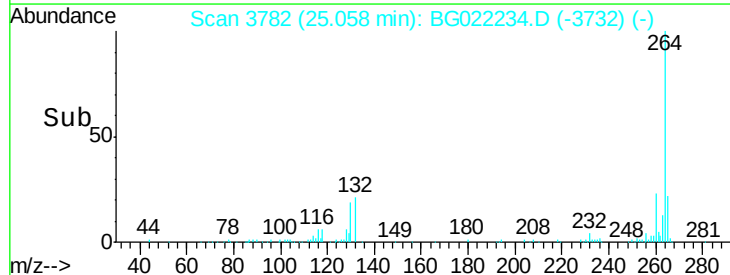
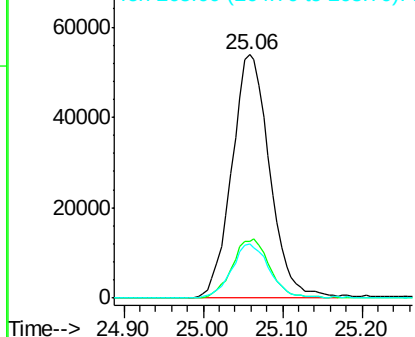


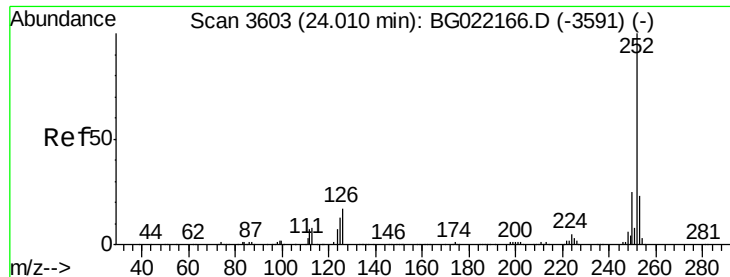
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.06 min Scan# 3782
 Delta R.T. -0.00 min
 Lab File: BG022234.D
 Acq: 8 Jun 2016 12:44

Tgt Ion:264 Resp: 178894
 Ion Ratio Lower Upper
 264 100
 260 23.5 20.2 30.4
 265 22.4 17.8 26.8



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





#87

Benzo(b)fluoranthene

Concen: 49.40 ng

RT: 24.01 min Scan# 3604

Delta R.T. 0.00 min

Lab File: BG022234.D

Acq: 8 Jun 2016 12:44

Instrument :

BNA_G

ClientSampleId :

SB-16MS

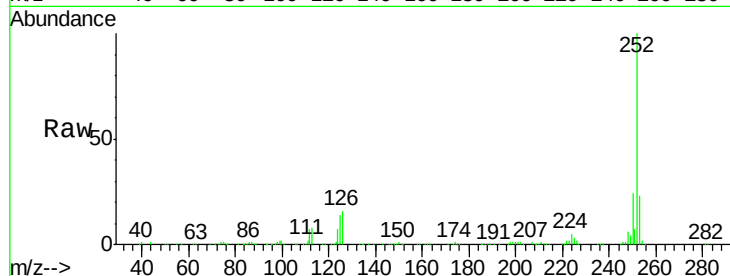
Tot Ion:252 Resp: 515402

Ion Ratio Lower Upper

252 100

253 22.7 17.5 26.3

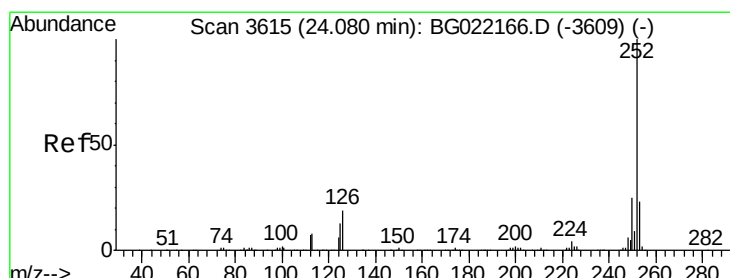
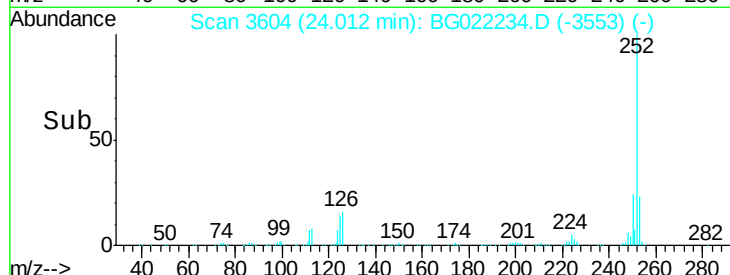
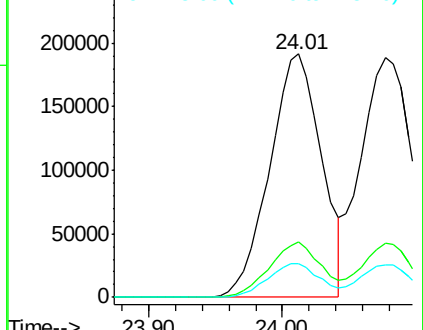
125 13.6 8.6 13.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 49.96 ng

RT: 24.08 min Scan# 3615

Delta R.T. -0.00 min

Lab File: BG022234.D

Acq: 8 Jun 2016 12:44

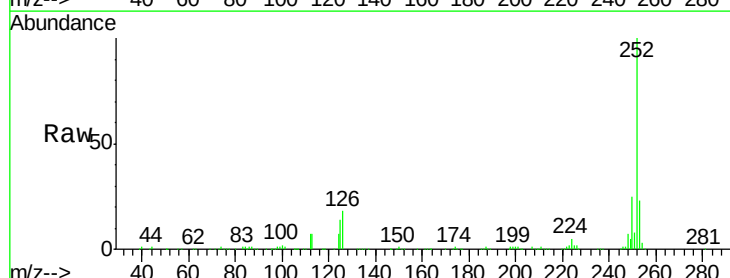
Tgt Ion:252 Resp: 513127

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.8

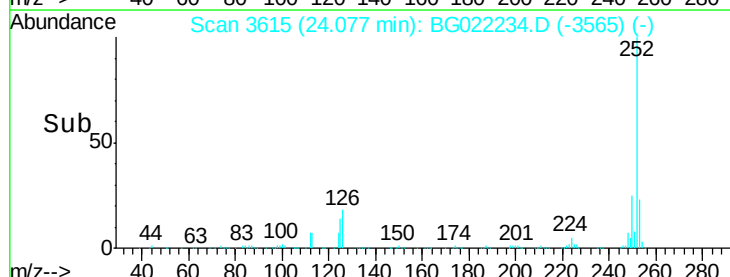
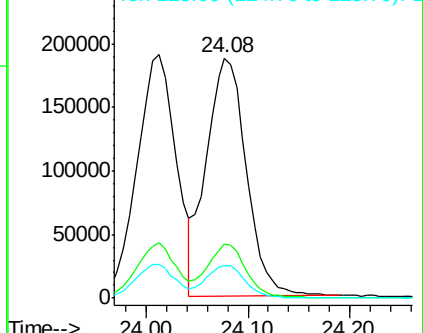
125 13.7 8.3 12.5#

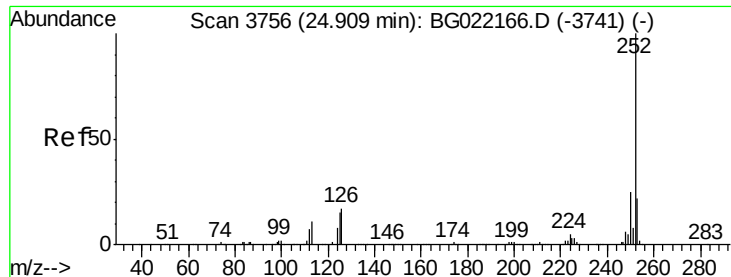


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 50.08 ng

RT: 24.91 min Scan# 3757

Delta R.T. 0.00 min

Lab File: BG022234.D

Acq: 8 Jun 2016 12:44

Instrument :

BNA_G

ClientSampleId :

SB-16MS

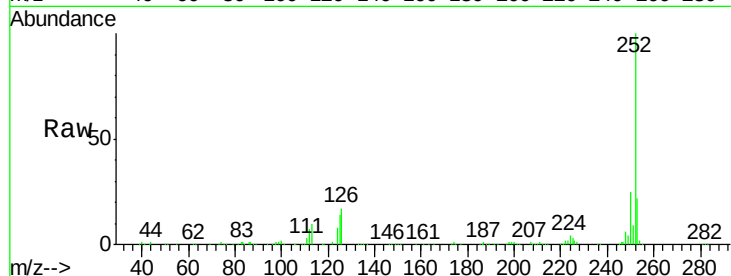
Tot Ion:252 Resp: 499609

Ion Ratio Lower Upper

252 100

253 21.6 17.1 25.7

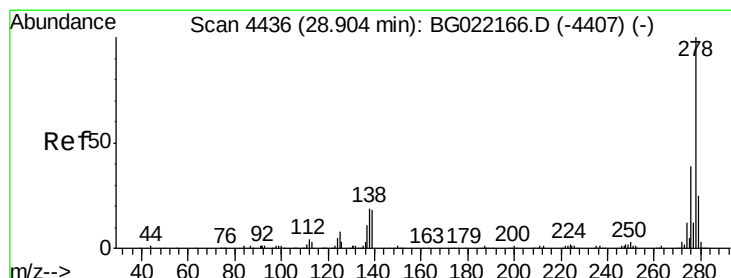
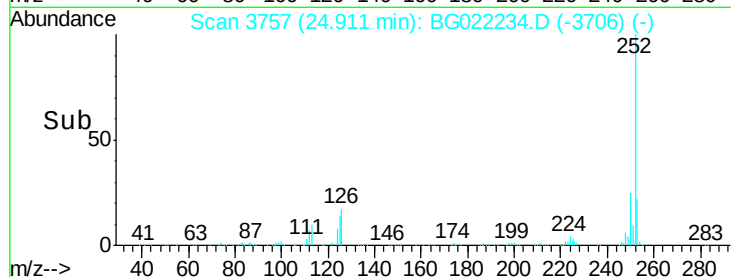
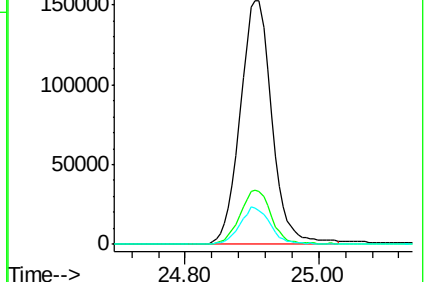
125 14.1 9.6 14.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 51.48 ng

RT: 28.89 min Scan# 4435

Delta R.T. -0.01 min

Lab File: BG022234.D

Acq: 8 Jun 2016 12:44

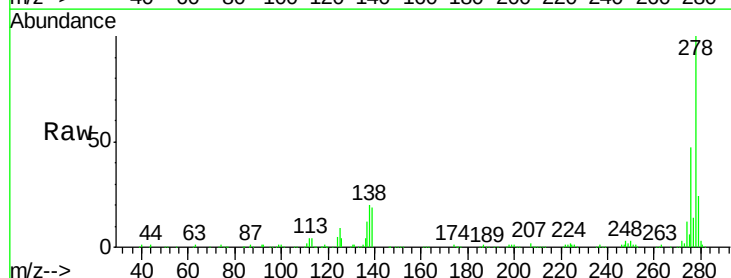
Tgt Ion:278 Resp: 483675

Ion Ratio Lower Upper

278 100

139 19.3 11.9 17.9#

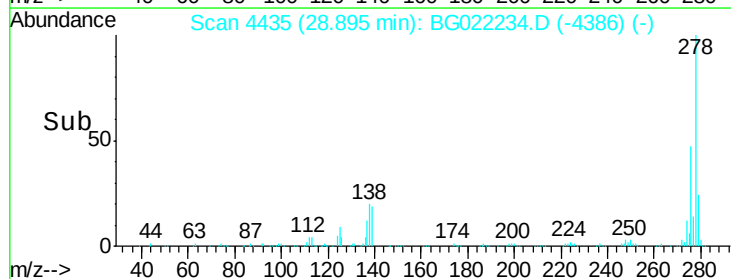
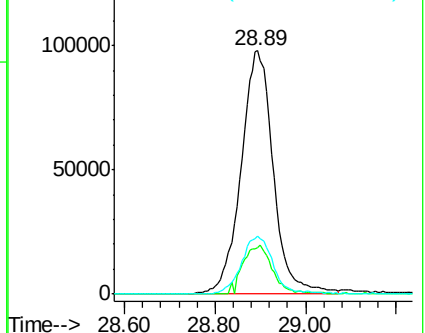
279 24.1 18.2 27.2

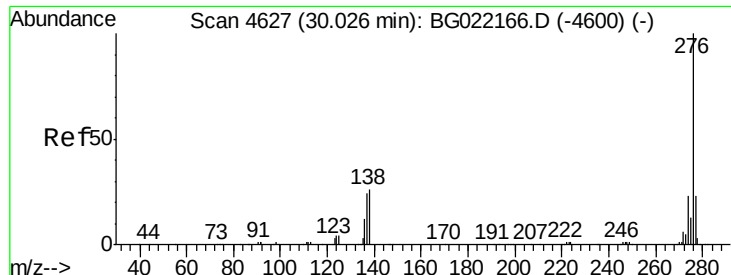


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 50.46 ng

RT: 30.02 min Scan# 4627

Delta R.T. -0.00 min

Lab File: BG022234.D

Acq: 8 Jun 2016 12:44

Instrument :

BNA_G

ClientSampleId :

SB-16MS

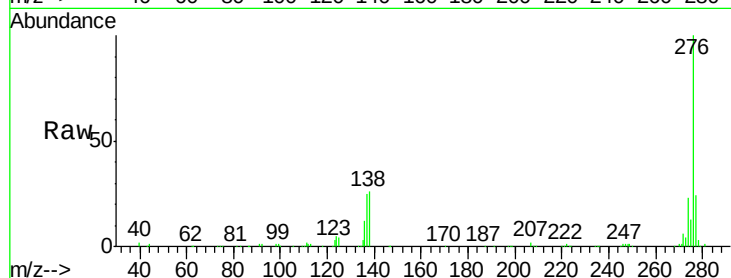
Tot Ion: 276 Resp: 493277

Ion Ratio Lower Upper

276 100

277 24.1 19.4 29.2

138 26.4 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

