

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041515\
 Data File : BG016449.D
 Acq On : 16 Apr 2015 8:20
 Operator : TP/IZ
 Sample : G1829-22MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TE-MW-2-17MSD

Quant Time: Apr 16 13:52:03 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 14 14:00:56 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	77374	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	356384	20.00	ng	0.00
38) Acenaphthene-d10	14.31	164	219749	20.00	ng	0.00
63) Phenanthrene-d10	17.05	188	479402	20.00	ng	0.00
75) Chrysene-d12	21.23	240	384775	20.00	ng	0.00
86) Perylene-d12	23.46	264	363853	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	316863	64.63	ng	0.00
7) Phenol-d6	6.86	99	291231	39.57	ng	0.00
23) Nitrobenzene-d5	8.82	82	522040	84.86	ng	-0.02
41) 2,4,6-Tribromophenol	15.80	330	237477	159.79	ng	0.00
44) 2-Fluorobiphenyl	12.93	172	1161853	90.02	ng	0.00
78) Terphenyl-d14	19.68	244	1269245	77.20	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.13	88	29848	13.39	ng	99
3) Pyridine	3.53	79	74860	11.24	ng	93
4) n-Nitrosodimethylamine	3.46	42	28768	14.53	ng	# 95
6) Aniline	6.99	93	168042	15.99	ng	97
8) 2-Chlorophenol	7.23	128	219681	37.31	ng	96
9) Benzaldehyde	6.81	77	70365	16.32	ng	97
10) Phenol	6.88	94	104663	13.29	ng	98
11) bis(2-Chloroethyl)ether	7.10	93	237765	37.87	ng	99
12) 1,3-Dichlorobenzene	7.55	146	228459	38.43	ng	98
13) 1,4-Dichlorobenzene	7.70	146	235599	38.20	ng	97
14) 1,2-Dichlorobenzene	8.02	146	233104	39.52	ng	98
15) Benzyl Alcohol	7.91	79	126529	24.66	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.20	45	256288	36.24	ng	97
17) 2-Methylphenol	8.13	107	157223	29.77	ng	97
18) Hexachloroethane	8.73	117	83118	35.23	ng	99
19) n-Nitroso-di-n-propylamine	8.47	70	187183	35.50	ng	97
20) 3+4-Methylphenols	8.45	107	192723	26.35	ng	99
22) Acetophenone	8.49	105	351989	42.60	ng	98
24) Nitrobenzene	8.87	77	258327	39.27	ng	91
25) Isophorone	9.38	82	516386	37.80	ng	96
26) 2-Nitrophenol	9.57	139	148621	48.45	ng	98
27) 2,4-Dimethylphenol	9.64	122	231472	40.51	ng	99
28) bis(2-Chloroethoxy)methane	9.87	93	318064	40.79	ng	99
29) 2,4-Dichlorophenol	10.11	162	228222	50.47	ng	95
30) 1,2,4-Trichlorobenzene	10.32	180	209231	44.32	ng	100
31) Naphthalene	10.50	128	787062	42.38	ng	100
32) Benzoic acid	9.74	122	28592	15.01	ng	96
33) 4-Chloroaniline	10.62	127	194935	22.37	ng	98
34) Hexachlorobutadiene	10.78	225	88454	42.66	ng	99
35) Caprolactam	11.39	113	18245	6.41	ng	91
36) 4-Chloro-3-methylphenol	11.76	107	263014	44.03	ng	96
37) 2-Methylnaphthalene	12.12	142	596018	44.62	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.49	216	210613	43.53	ng	99
40) Hexachlorocyclopentadiene	12.47	237	157906	71.30	ng	100

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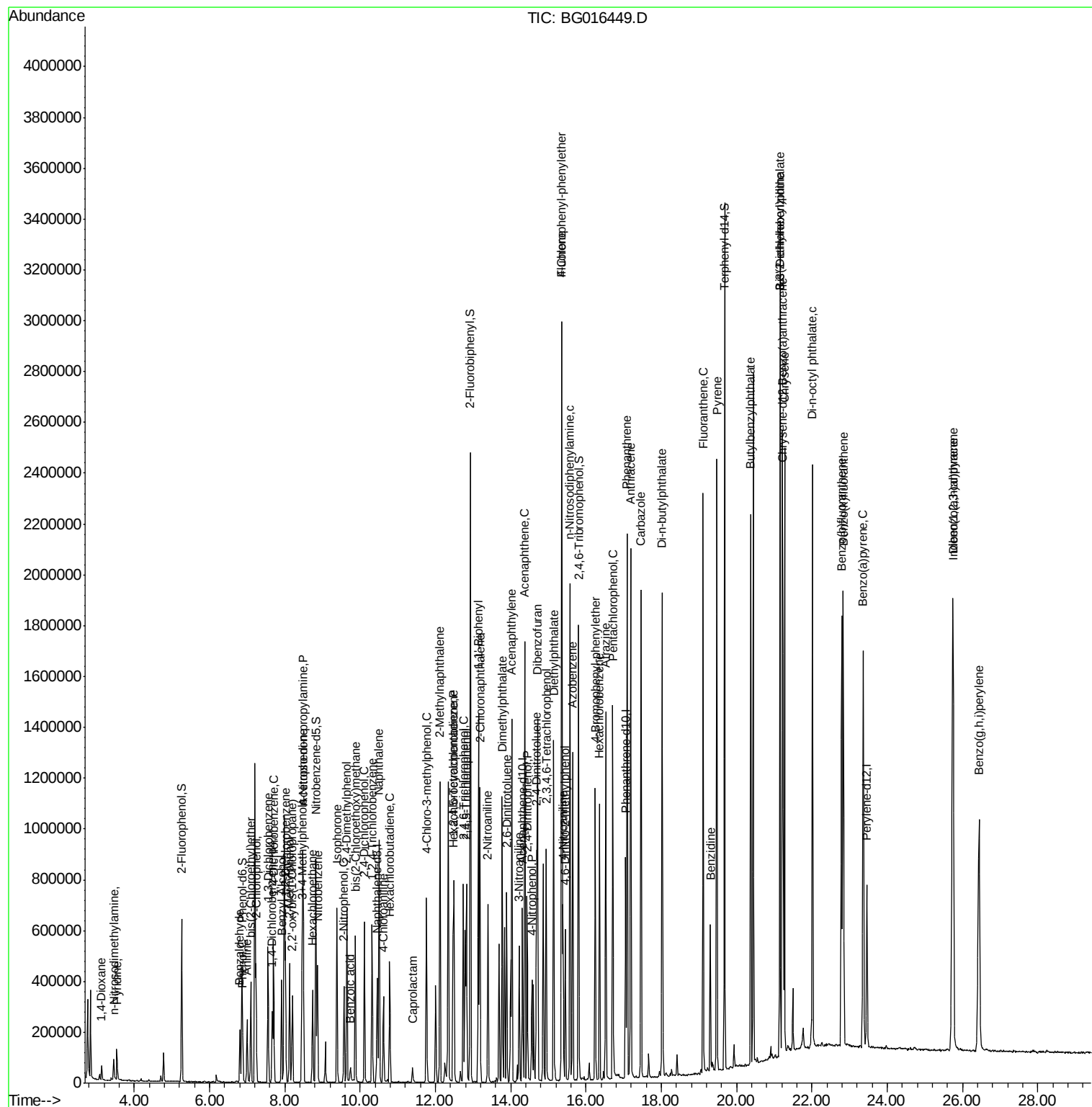
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.74	196	178117	49.54	ng	96
43) 2,4,5-Trichlorophenol	12.82	196	200697	52.25	ng	96
45) 1,1'-Biphenyl	13.14	154	741372	43.98	ng	98
46) 2-Chloronaphthalene	13.18	162	565841	44.06	ng	99
47) 2-Nitroaniline	13.39	65	185632	44.85	ng	93
48) Acenaphthylene	14.03	152	990444	43.38	ng	98
49) Dimethylphthalate	13.77	163	692882	43.02	ng	100
50) 2,6-Dinitrotoluene	13.90	165	186572	47.90	ng	88
51) Acenaphthene	14.37	154	610856	44.77	ng	99
52) 3-Nitroaniline	14.23	138	151447	30.45	ng	90
53) 2,4-Dinitrophenol	14.44	184	191205	84.33	ng	92
54) Dibenzofuran	14.71	168	894414	47.24	ng	99
55) 4-Nitrophenol	14.56	139	140980	34.29	ng	95
56) 2,4-Dinitrotoluene	14.68	165	265422	50.03	ng	92
57) Fluorene	15.36	166	783930	46.93	ng	99
58) 2,3,4,6-Tetrachlorophenol	14.94	232	159485	53.80	ng	93
59) Diethylphthalate	15.14	149	760123	44.34	ng	99
60) 4-Chlorophenyl-phenylether	15.35	204	322731	47.23	ng	98
61) 4-Nitroaniline	15.39	138	229870	40.71	ng	97
62) Azobenzene	15.65	77	785065	43.03	ng	97
64) 4,6-Dinitro-2-methylphenol	15.45	198	142875	42.80	ng	92
65) n-Nitrosodiphenylamine	15.57	169	699942	43.19	ng	99
66) 4-Bromophenyl-phenylether	16.25	248	178702	46.69	ng	95
67) Hexachlorobenzene	16.36	284	179779	45.19	ng	100
68) Atrazine	16.52	200	224818	49.77	ng	99
69) Pentachlorophenol	16.71	266	214850	88.44	ng	97
70) Phenanthrene	17.09	178	1175441	43.59	ng	98
71) Anthracene	17.18	178	1190931	44.57	ng	99
72) Carbazole	17.46	167	1189287	44.35	ng	99
73) Di-n-butylphthalate	18.02	149	1401122	42.69	ng	99
74) Fluoranthene	19.11	202	1180085	42.46	ng	97
76) Benzidine	19.30	184	328546	20.13	ng	97
77) Pyrene	19.47	202	1208641	45.11	ng	97
79) Butylbenzylphthalate	20.37	149	646487	49.11	ng	99
80) Benzo(a)anthracene	21.22	228	1022625	44.97	ng	99
81) 3,3'-Dichlorobenzidine	21.15	252	232625	31.11	ng	99
82) Chrysene	21.27	228	976196	44.46	ng	99
83) Bis(2-ethylhexyl)phthalate	21.15	149	878765	49.31	ng	95
84) Di-n-octyl phthalate	22.02	149	1442248	49.68	ng	99
85) Indeno(1,2,3-cd)pyrene	25.74	276	1092881	47.92	ng	98
87) Benzo(b)fluoranthene	22.79	252	982525	46.11	ng	99
88) Benzo(k)fluoranthene	22.83	252	964380	46.24	ng	98
89) Benzo(a)pyrene	23.37	252	952054	47.67	ng	98
90) Dibenzo(a,h)anthracene	25.75	278	921779	47.43	ng	98
91) Benzo(g,h,i)perylene	26.44	276	935793	48.20	ng	98

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.66 min Scan# 847

Delta R.T. -0.01 min

Lab File: BG016449.D

Acq: 16 Apr 2015 8:20

Instrument :

BNA_G

ClientSampleId :

TE-MW-2-17MSD

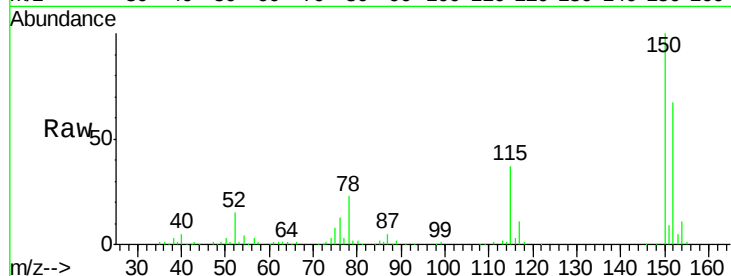
Tgt Ion:152 Resp: 77374

Ion Ratio Lower Upper

152 100

150 148.6 130.1 195.1

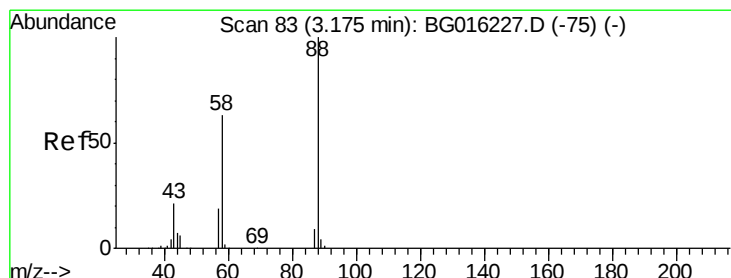
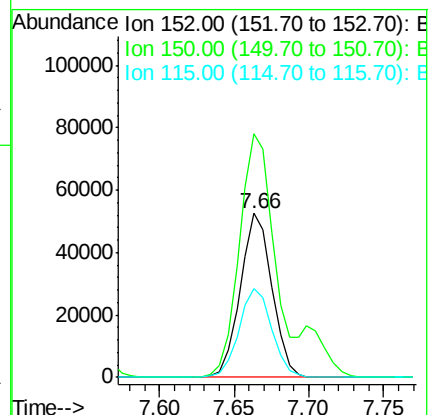
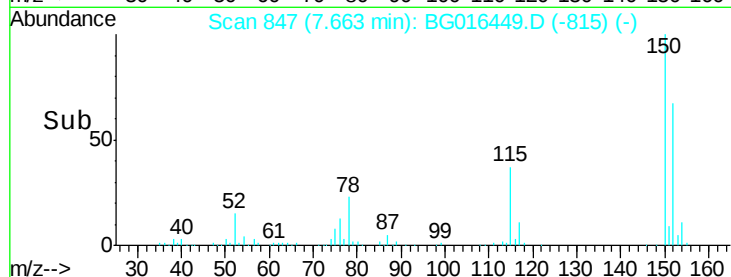
115 54.4 50.5 75.7



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: 13.39 ng

RT: 3.13 min Scan# 76

Delta R.T. -0.02 min

Lab File: BG016449.D

Acq: 16 Apr 2015 8:20

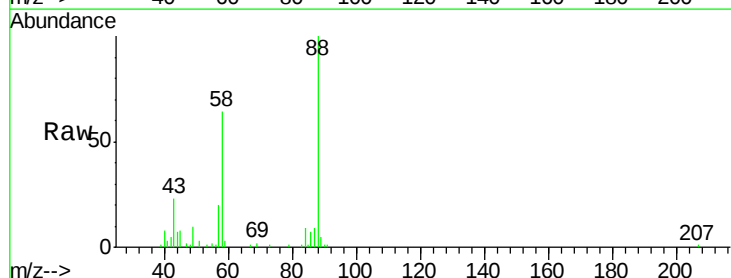
Tgt Ion: 88 Resp: 29848

Ion Ratio Lower Upper

88 100

58 62.9 50.6 76.0

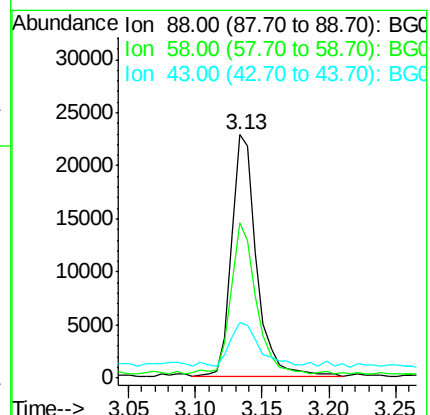
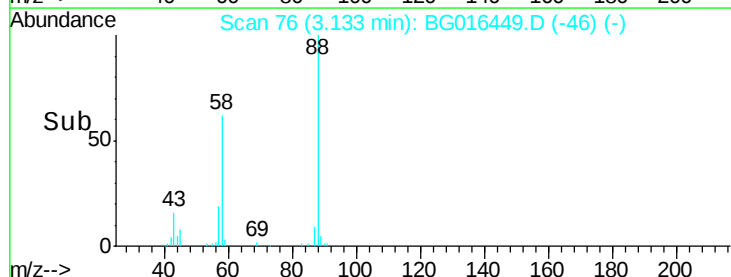
43 20.8 17.0 25.4

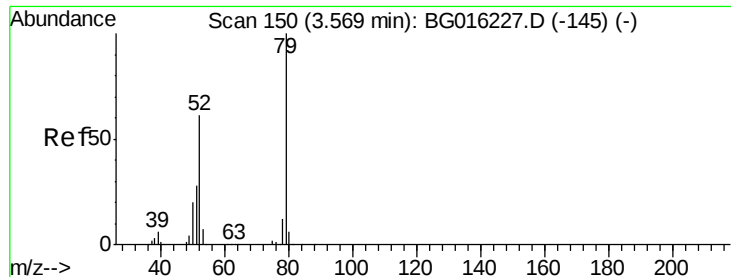


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 11.24 ng

RT: 3.53 min Scan# 144

Delta R.T. -0.02 min

Lab File: BG016449.D

Acq: 16 Apr 2015 8:20

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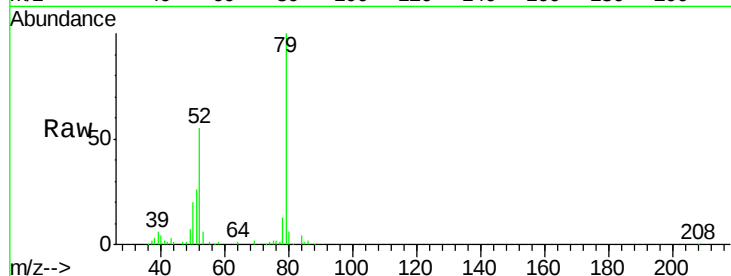
Tgt Ion: 79 Resp: 74860

Ion Ratio Lower Upper

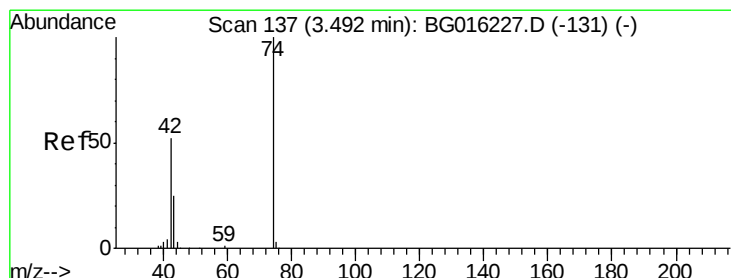
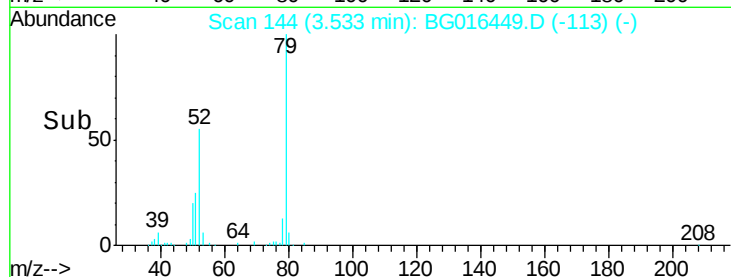
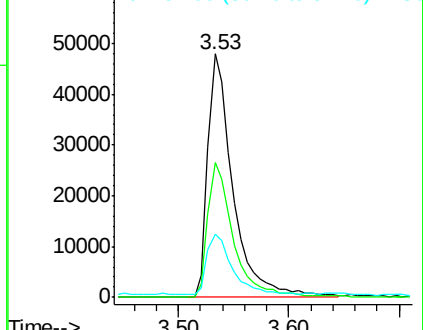
79 100

52 55.2 49.0 73.4

51 26.2 22.5 33.7



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: 14.53 ng

RT: 3.46 min Scan# 131

Delta R.T. -0.02 min

Lab File: BG016449.D

Acq: 16 Apr 2015 8:20

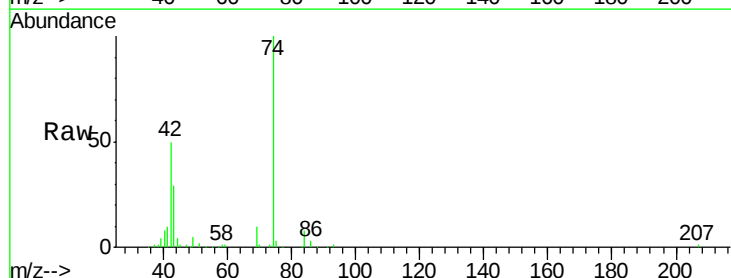
Tgt Ion: 42 Resp: 28768

Ion Ratio Lower Upper

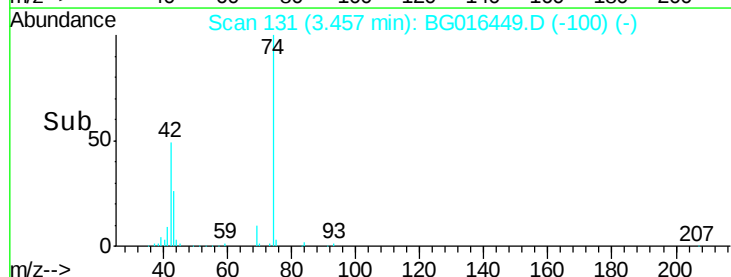
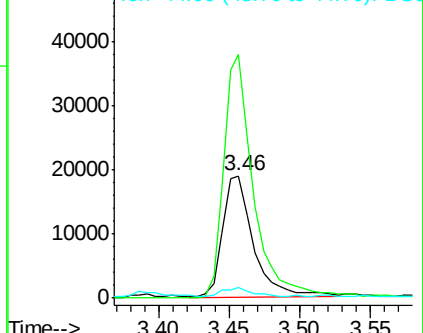
42 100

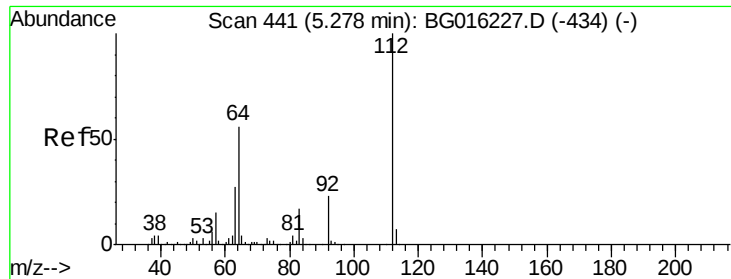
74 198.7 153.7 230.5

44 8.9 5.3 7.9#



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: 64.63 ng

RT: 5.26 min Scan# 438

Delta R.T. -0.00 min

Lab File: BG016449.D

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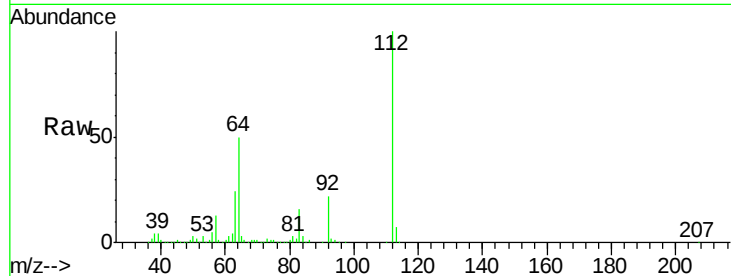
Tgt Ion: 112 Resp: 316863

Ion Ratio Lower Upper

112 100

64 50.0 44.5 66.7

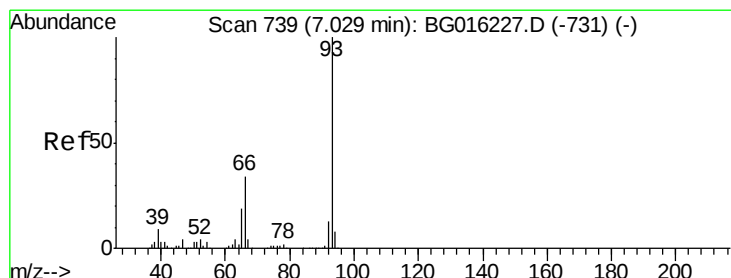
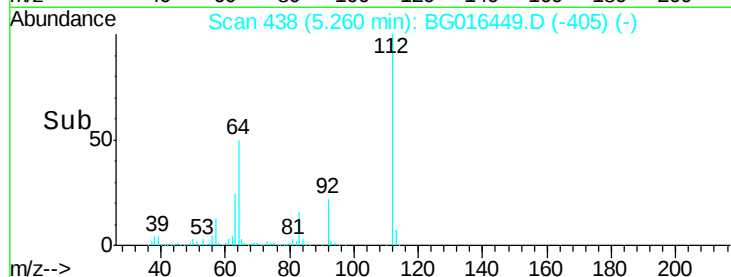
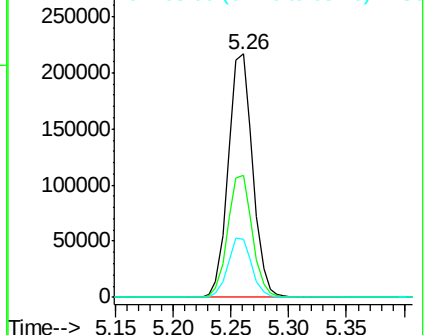
63 23.6 21.4 32.0



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: 15.99 ng

RT: 6.99 min Scan# 733

Delta R.T. -0.02 min

Lab File: BG016449.D

Acq: 16 Apr 2015 8:20

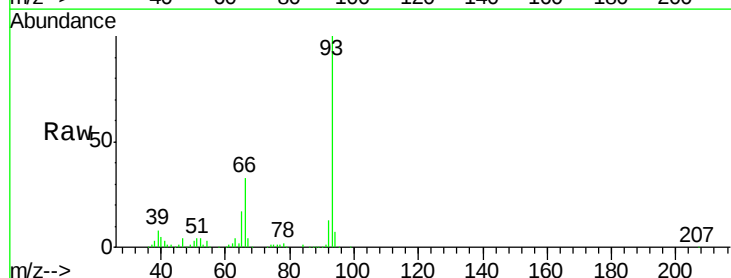
Tgt Ion: 93 Resp: 168042

Ion Ratio Lower Upper

93 100

66 33.5 27.5 41.3

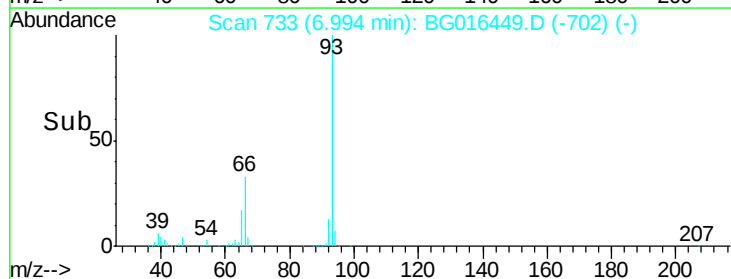
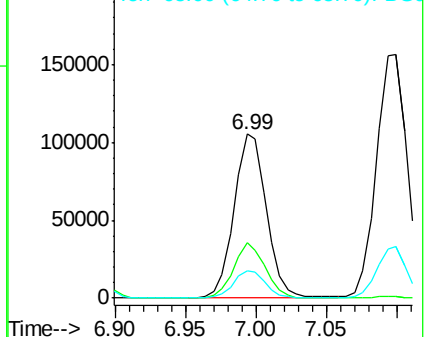
65 17.0 15.1 22.7

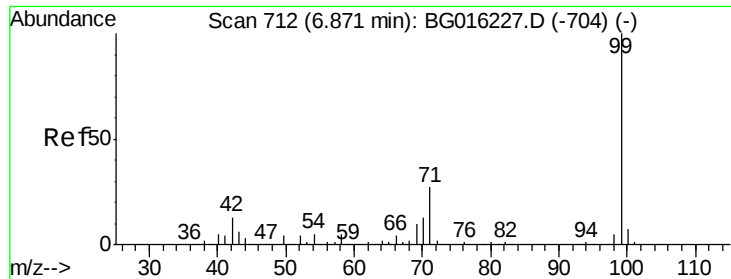


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 39.57 ng

RT: 6.86 min Scan# 710

Delta R.T. -0.00 min

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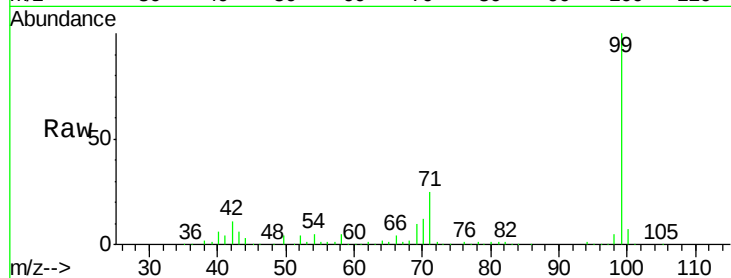
Tgt Ion: 99 Resp: 291231

Ion Ratio Lower Upper

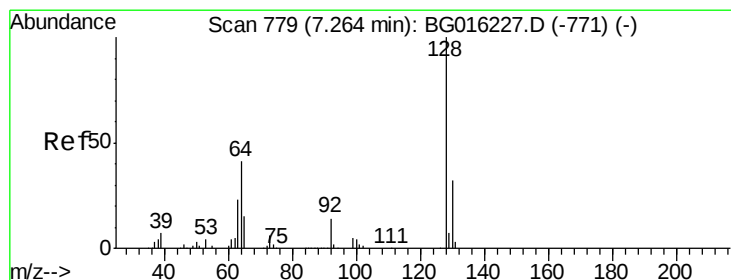
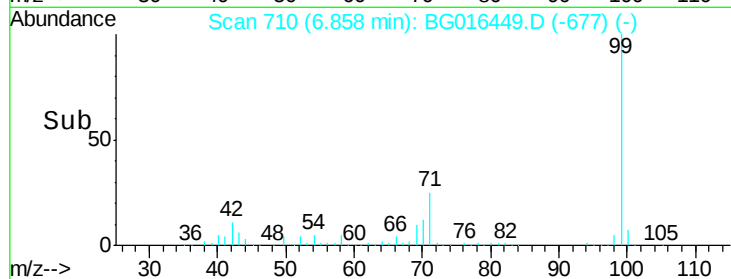
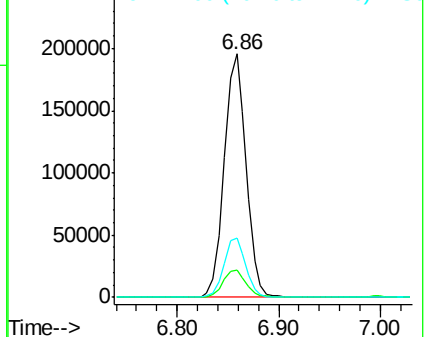
99 100

42 11.2 10.0 15.0

71 24.5 21.5 32.3



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



#8

2-Chlorophenol

Concen: 37.31 ng

RT: 7.23 min Scan# 774

Delta R.T. -0.01 min

Lab File: BG016449.D

Acq: 16 Apr 2015 8:20

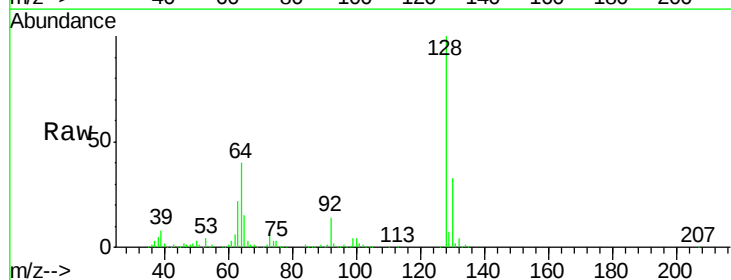
Tgt Ion: 128 Resp: 219681

Ion Ratio Lower Upper

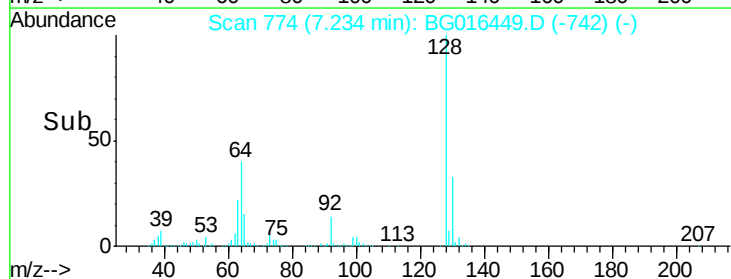
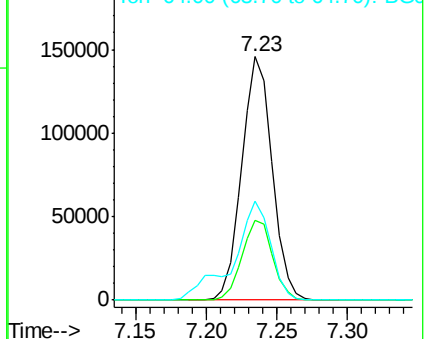
128 100

130 32.9 11.6 51.6

64 40.4 24.2 64.2



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





#9

Benzaldehyde

Concen: 16.32 ng

RT: 6.81 min Scan# 701

Delta R.T. -0.02 min

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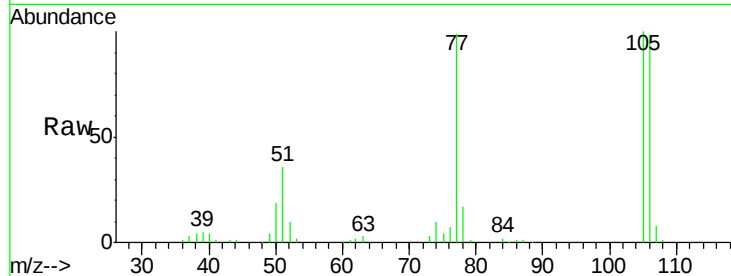
Tgt Ion: 77 Resp: 70365

Ion Ratio Lower Upper

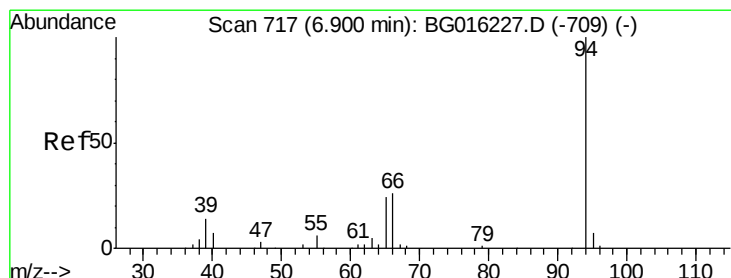
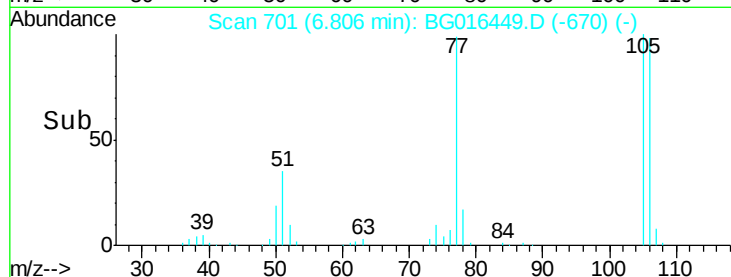
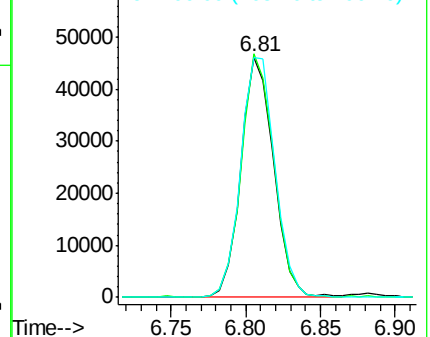
77 100

105 101.4 76.8 116.8

106 99.6 80.1 120.1



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: 13.29 ng

RT: 6.88 min Scan# 714

Delta R.T. -0.00 min

Lab File: BG016449.D

Acq: 16 Apr 2015 8:20

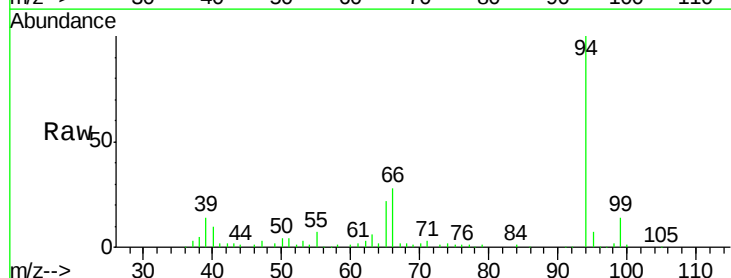
Tgt Ion: 94 Resp: 104663

Ion Ratio Lower Upper

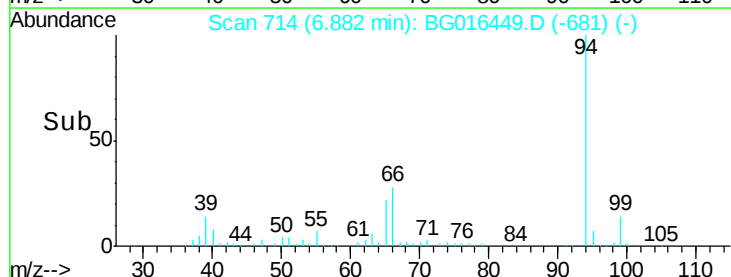
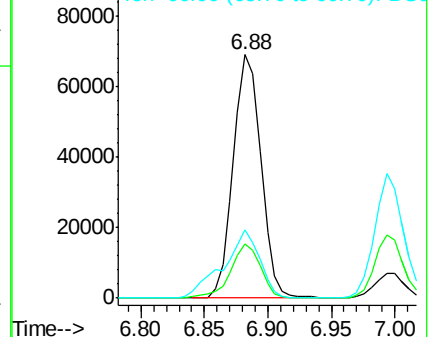
94 100

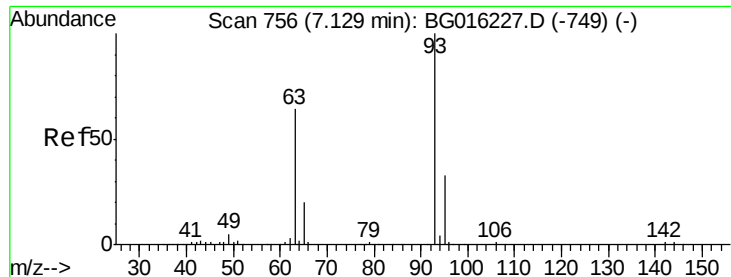
65 22.4 3.8 43.8

66 28.3 7.4 47.4



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

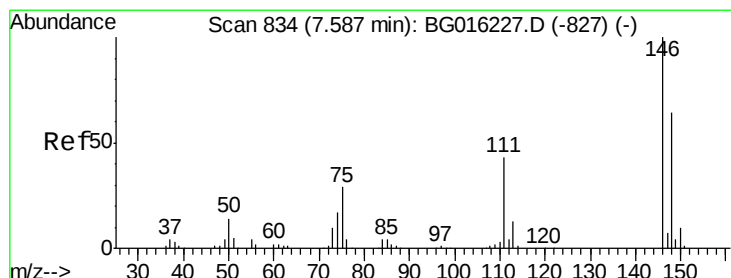
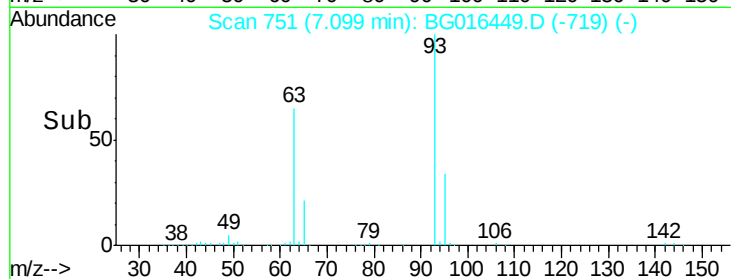
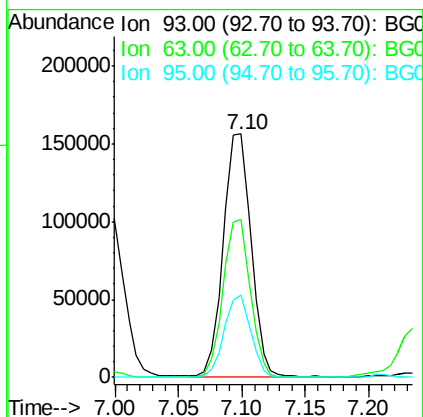
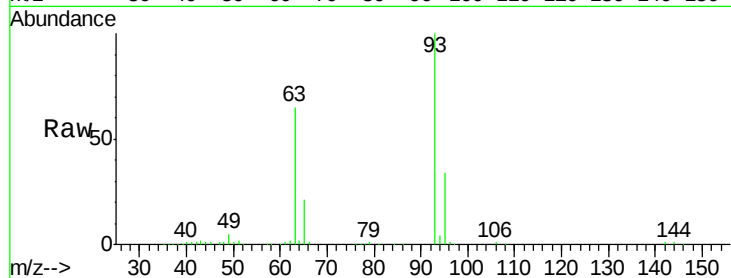




#11
 bis(2-Chloroethyl)ether
 Concen: 37.87 ng
 RT: 7.10 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BG016449.D
 Acq: 16 Apr 2015 8:20

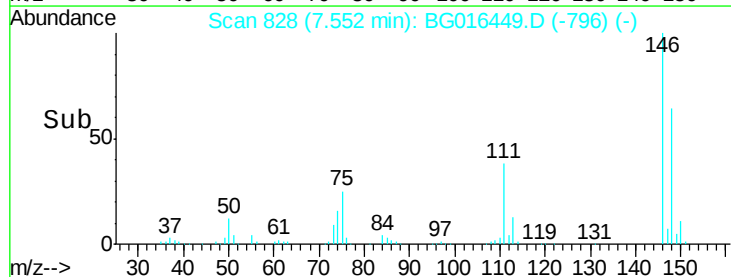
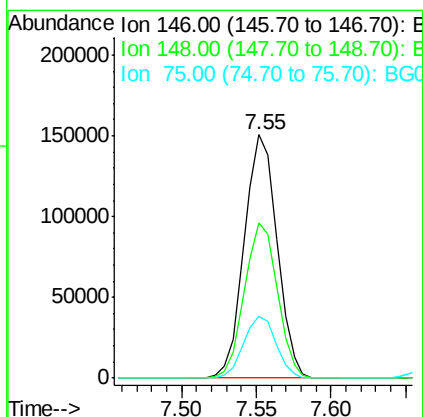
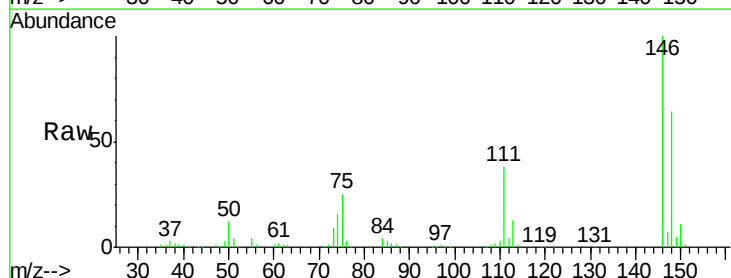
Instrument :
 BNA_G
 ClientSampleId :
 TE-MW-2-17MSD

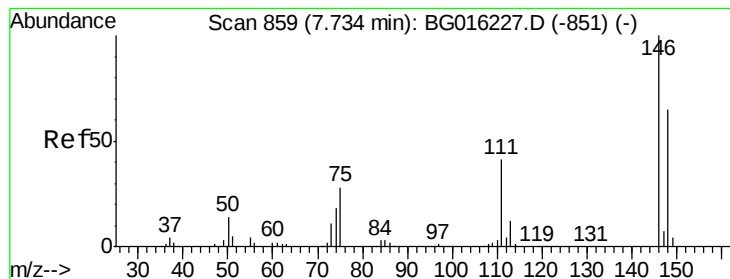
Tgt Ion	Ratio	Lower	Upper
93	100		
63	64.7	44.1	84.1
95	33.8	12.5	52.5



#12
 1,3-Dichlorobenzene
 Concen: 38.43 ng
 RT: 7.55 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BG016449.D
 Acq: 16 Apr 2015 8:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.9	76.3
75	25.3	23.3	34.9





#13

1,4-Dichlorobenzene

Concen: 38.20 ng

RT: 7.70 min Scan# 853

Delta R.T. -0.02 min

Lab File: BG016449.D

Acq: 16 Apr 2015 8:20

Instrument :

BNA_G

ClientSampleId :

TE-MW-2-17MSD

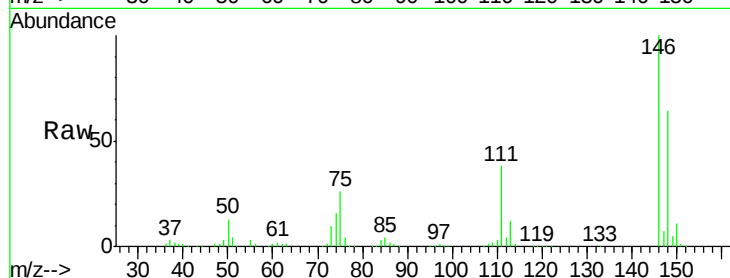
Tgt Ion:146 Resp: 235599

Ion Ratio Lower Upper

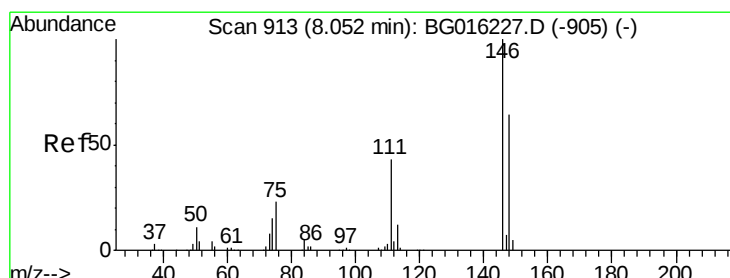
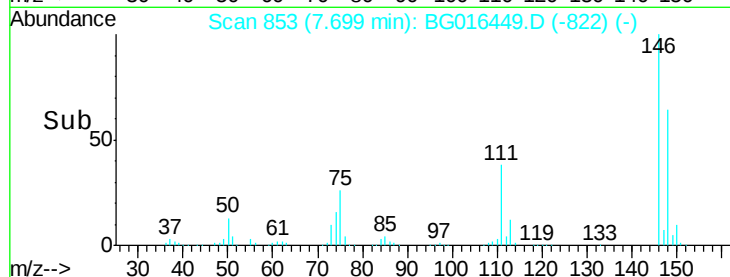
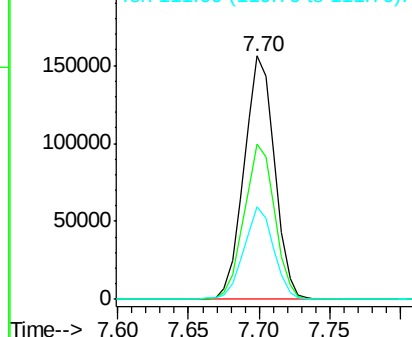
146 100

148 64.0 52.0 78.0

111 37.8 32.6 49.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.52 ng

RT: 8.02 min Scan# 907

Delta R.T. -0.01 min

Lab File: BG016449.D

Acq: 16 Apr 2015 8:20

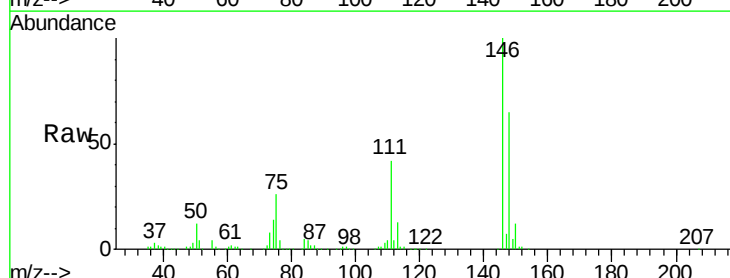
Tgt Ion:146 Resp: 233104

Ion Ratio Lower Upper

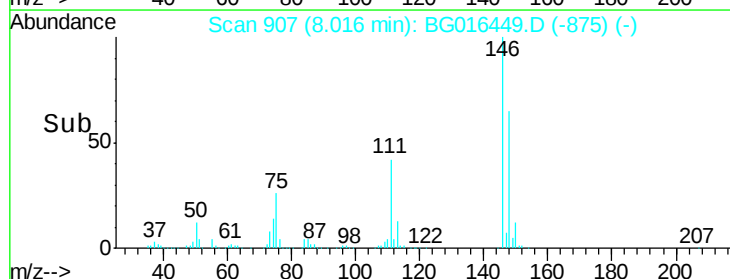
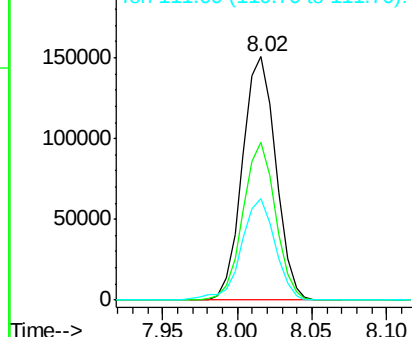
146 100

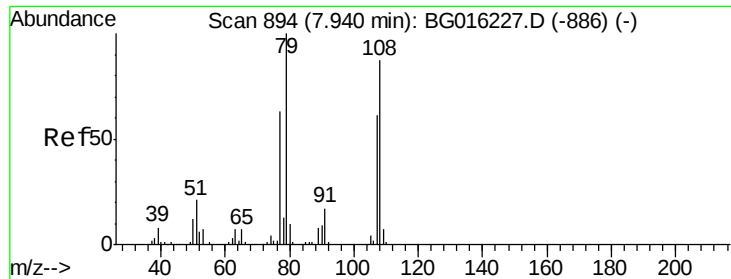
148 64.7 50.9 76.3

111 41.6 34.7 52.1



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 24.66 ng

RT: 7.91 min Scan# 889

Delta R.T. -0.01 min

Lab File: BG016449.D

Acq: 16 Apr 2015 8:20

Instrument :

BNA_G

ClientSampleId :

TE-MW-2-17MSD

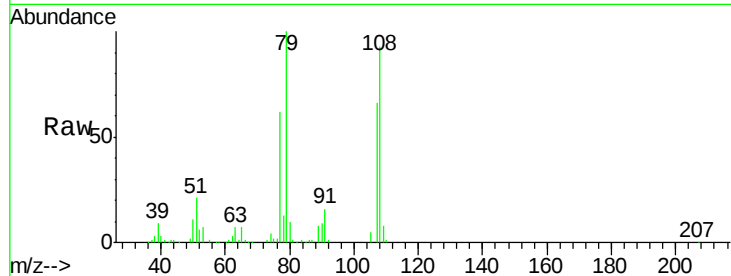
Tgt Ion: 79 Resp: 126529

Ion Ratio Lower Upper

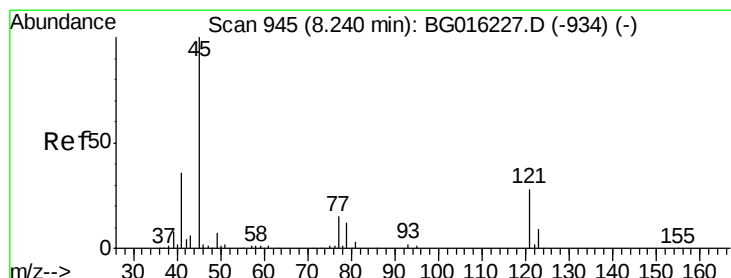
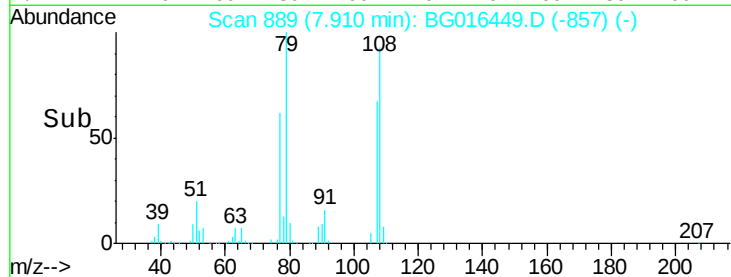
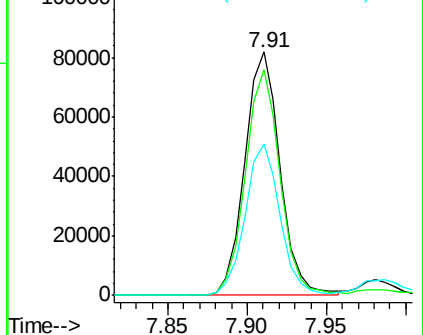
79 100

108 92.7 69.3 103.9

77 62.1 50.3 75.5



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.24 ng

RT: 8.20 min Scan# 939

Delta R.T. -0.01 min

Lab File: BG016449.D

Acq: 16 Apr 2015 8:20

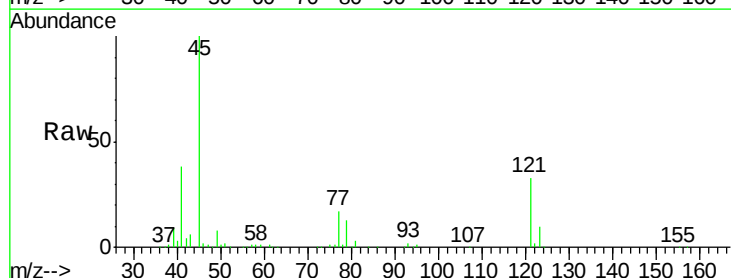
Tgt Ion: 45 Resp: 256288

Ion Ratio Lower Upper

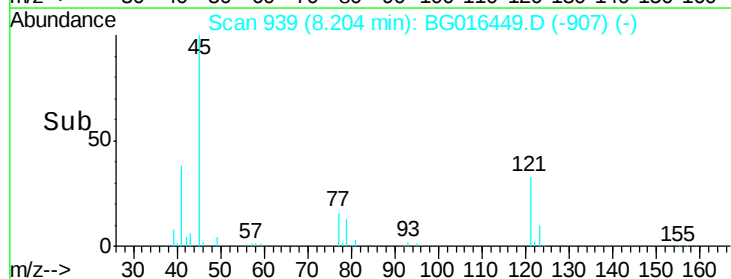
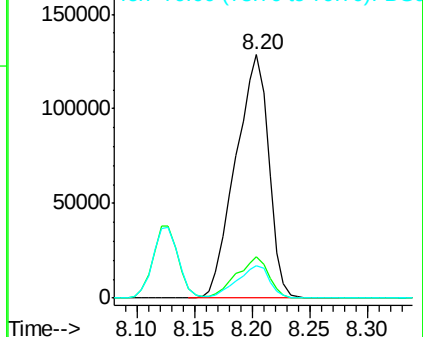
45 100

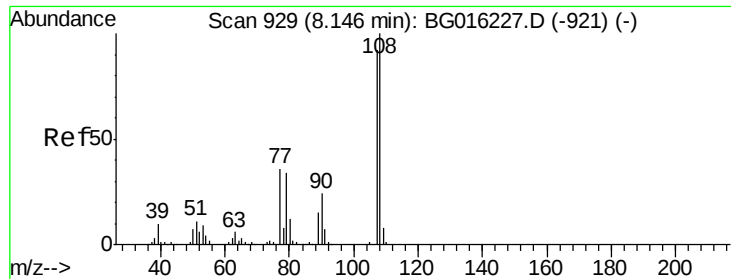
77 16.8 0.0 35.3

79 13.3 0.0 32.3



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

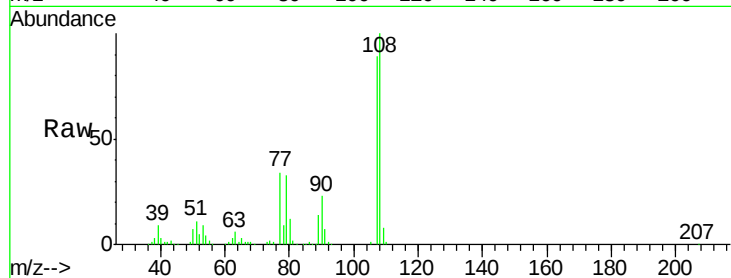




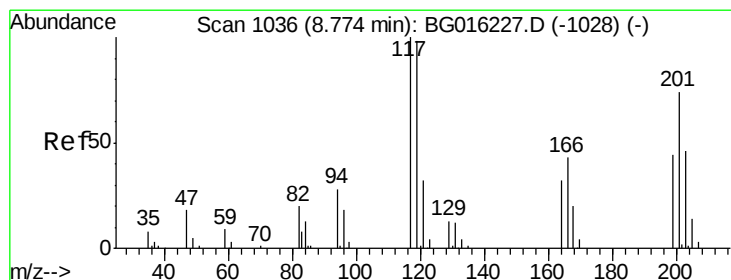
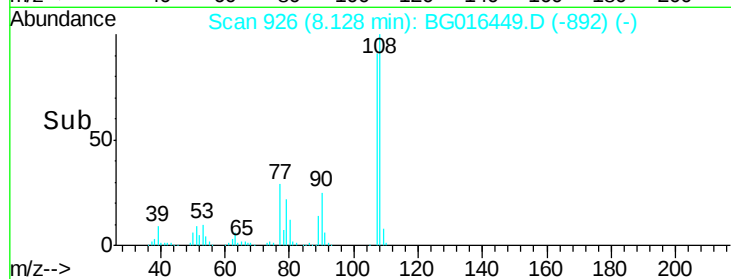
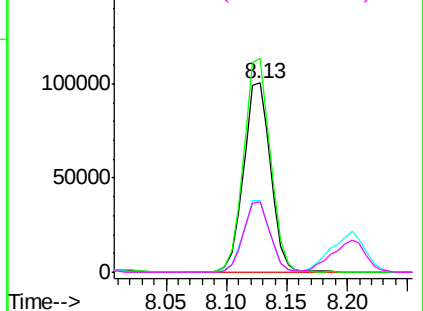
#17
2-Methylphenol
Concen: 29.77 ng
RT: 8.13 min Scan# 926
Delta R.T. 0.00 min
Lab File: BG016449.D
Acq: 16 Apr 2015 8:20

Instrument :
BNA_G
ClientSampleId :
TE-MW-2-17MSD

Tgt Ion:107 Resp: 157223
Ion Ratio Lower Upper
107 100
108 113.0 87.2 130.8
77 38.3 31.1 46.7
79 37.5 29.7 44.5

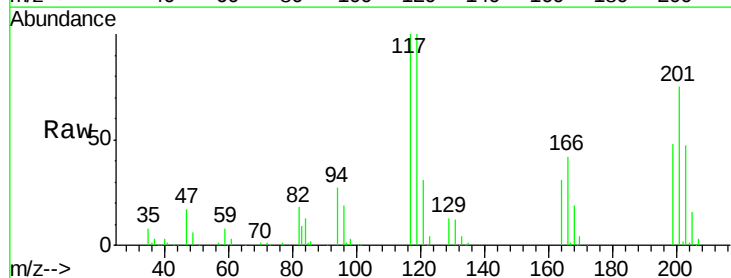


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

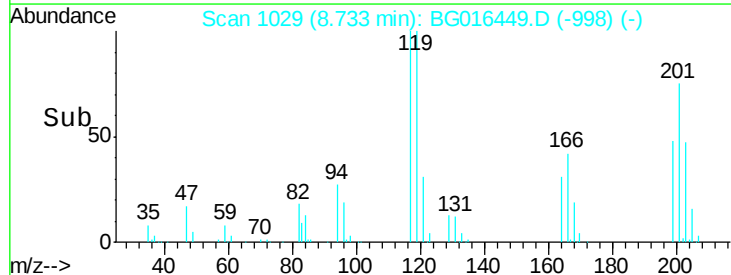
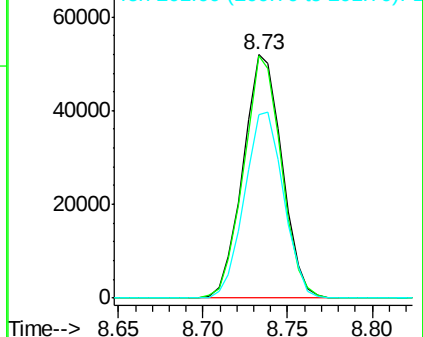


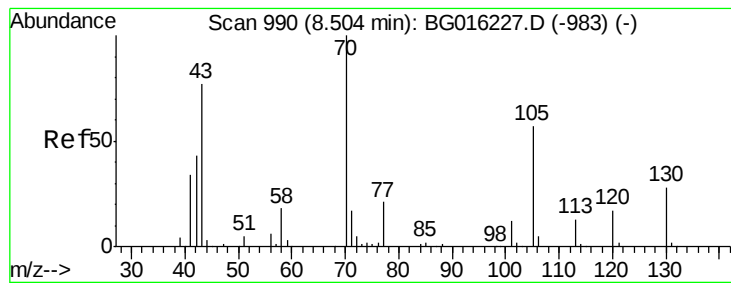
#18
Hexachloroethane
Concen: 35.23 ng
RT: 8.73 min Scan# 1029
Delta R.T. -0.02 min
Lab File: BG016449.D
Acq: 16 Apr 2015 8:20

Tgt Ion:117 Resp: 83118
Ion Ratio Lower Upper
117 100
119 99.5 78.8 118.2
201 75.1 59.0 88.4



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: 35.50 ng

RT: 8.47 min Scan# 985

Delta R.T. -0.01 min

Lab File: BG016449.D

Acq: 16 Apr 2015 8:20

Instrument :

BNA_G

ClientSampleId :

TE-MW-2-17MSD

Tgt Ion: 70 Resp: 187183

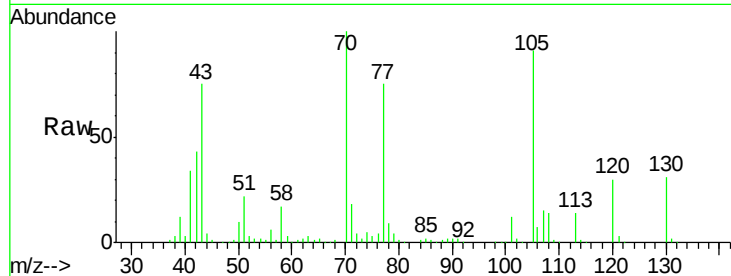
Ion Ratio Lower Upper

70 100

42 42.7 34.7 52.1

101 12.2 9.2 13.8

130 31.3 22.6 33.8

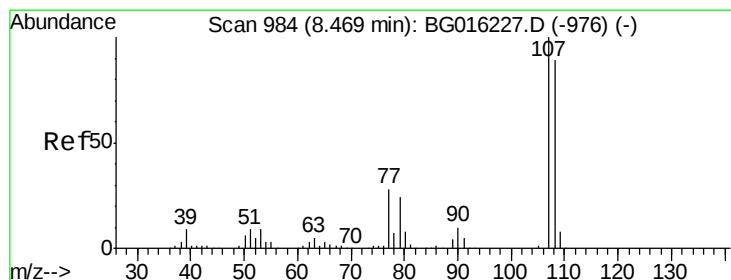
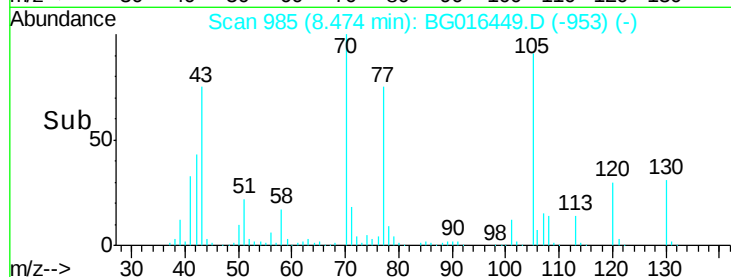
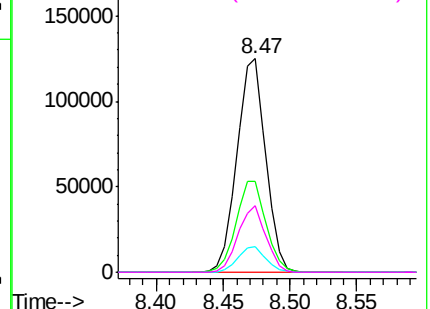


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 26.35 ng

RT: 8.45 min Scan# 981

Delta R.T. -0.00 min

Lab File: BG016449.D

Acq: 16 Apr 2015 8:20

Tgt Ion: 107 Resp: 192723

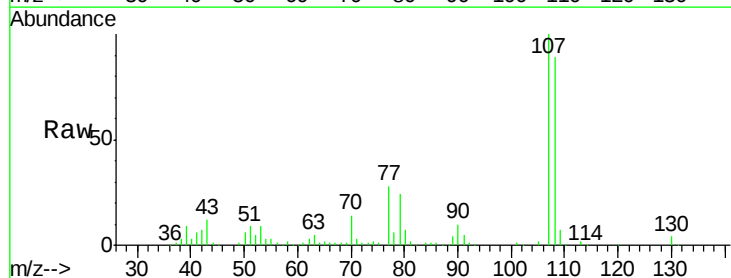
Ion Ratio Lower Upper

107 100

108 88.7 69.5 109.5

77 27.8 8.2 48.2

79 23.6 3.8 43.8

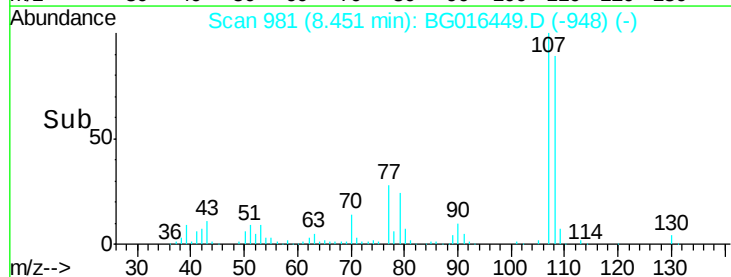
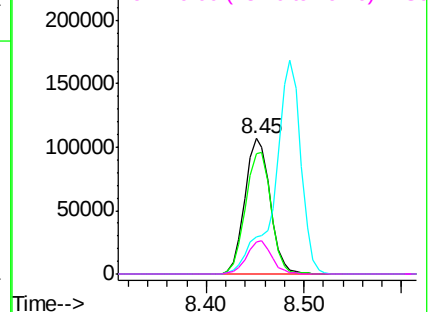


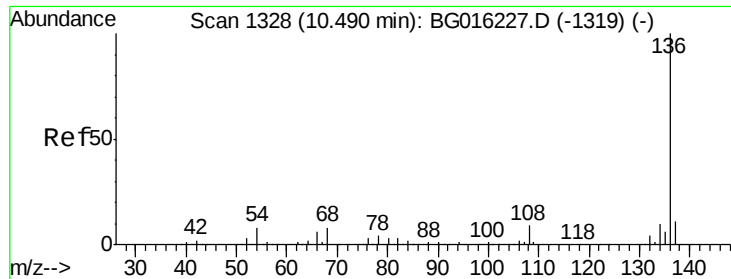
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

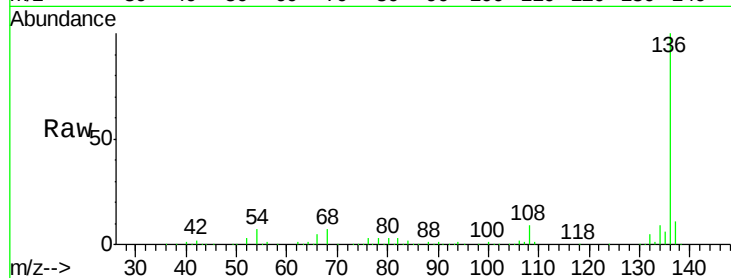




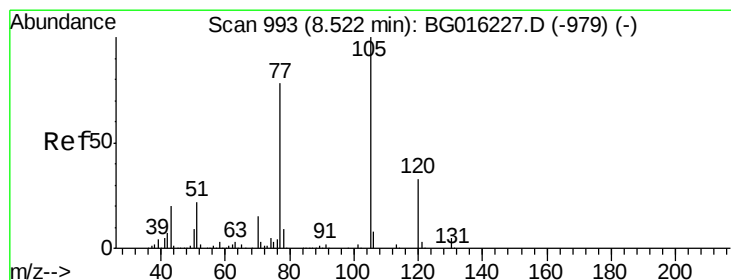
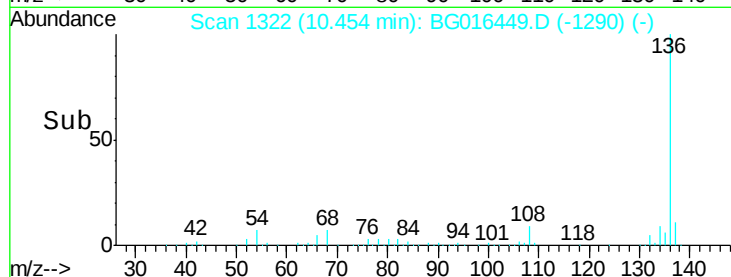
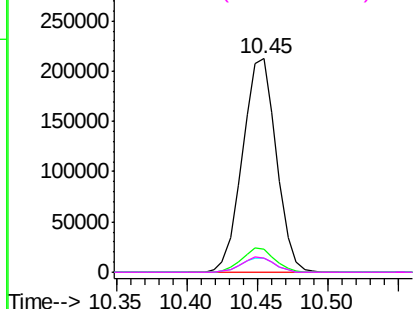
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.45 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BG016449.D
Acq: 16 Apr 2015 8:20

Instrument :
BNA_G
ClientSampleId :
TE-MW-2-17MSD

Tgt Ion:136 Resp: 356384
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 6.7 6.3 9.5
68 6.7 6.5 9.7

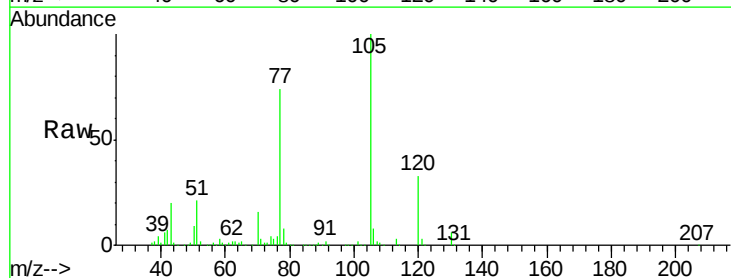


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

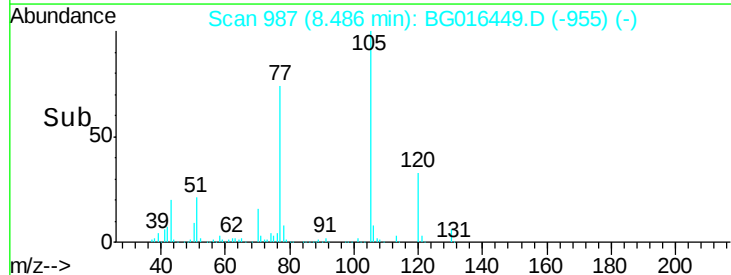
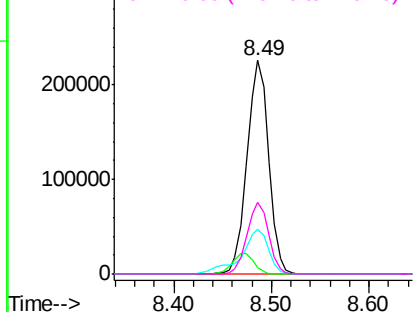


#22
Acetophenone
Concen: 42.60 ng
RT: 8.49 min Scan# 987
Delta R.T. -0.01 min
Lab File: BG016449.D
Acq: 16 Apr 2015 8:20

Tgt Ion:105 Resp: 351989
Ion Ratio Lower Upper
105 100
71 2.8 2.0 3.0
51 21.0 17.9 26.9
120 33.3 26.3 39.5



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

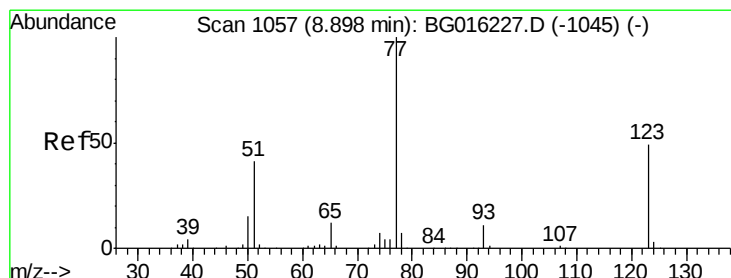
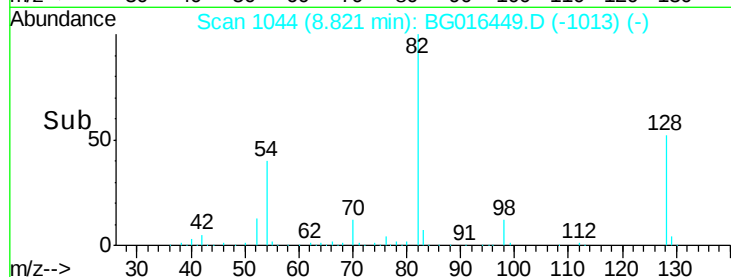
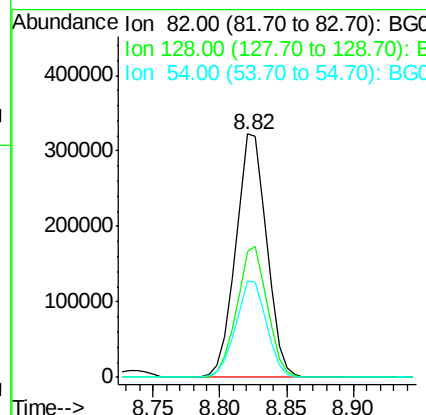
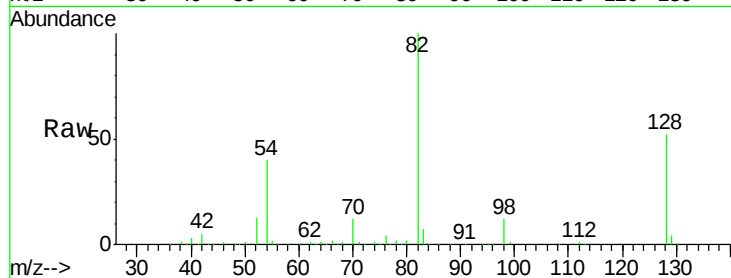




#23
Nitrobenzene-d5
Concen: 84.86 ng
RT: 8.82 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG016449.D
Acq: 16 Apr 2015 8:20

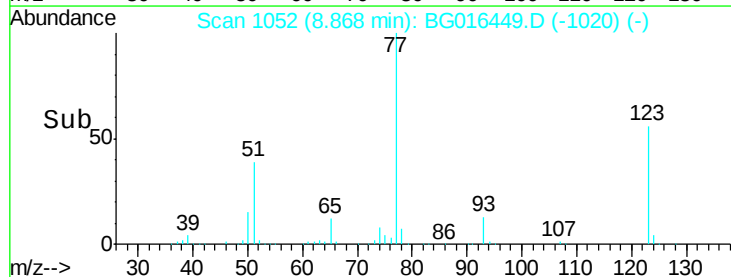
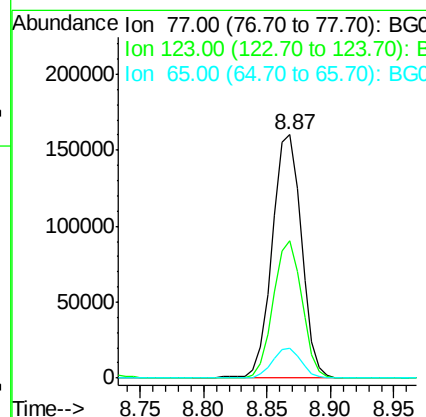
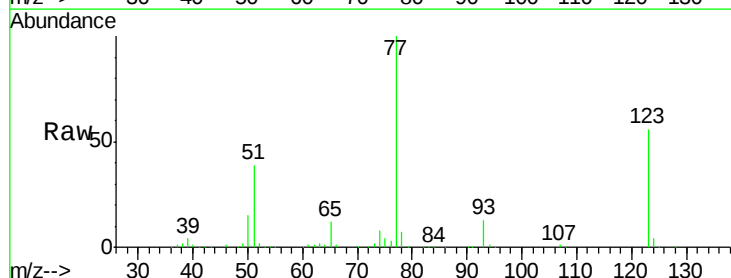
Instrument :
BNA_G
ClientSampleId :
TE-MW-2-17MSD

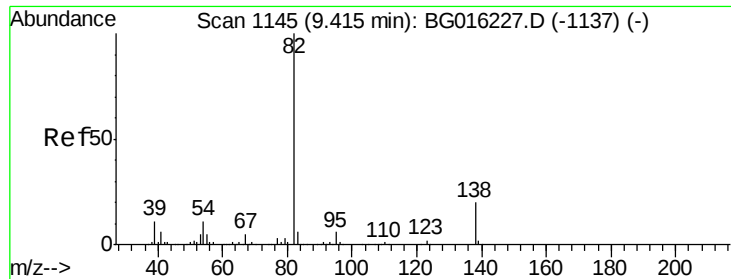
Tgt Ion: 82 Resp: 522040
Ion Ratio Lower Upper
82 100
128 51.8 37.8 56.8
54 39.6 32.6 49.0



#24
Nitrobenzene
Concen: 39.27 ng
RT: 8.87 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BG016449.D
Acq: 16 Apr 2015 8:20

Tgt Ion: 77 Resp: 258327
Ion Ratio Lower Upper
77 100
123 56.2 38.8 58.2
65 12.2 9.4 14.2





#25

Isophorone

Concen: 37.80 ng

RT: 9.38 min Scan# 1140

Delta R.T. -0.01 min

Lab File: BG016449.D

Acq: 16 Apr 2015 8:20

Instrument :

BNA_G

ClientSampleId :

TE-MW-2-17MSD

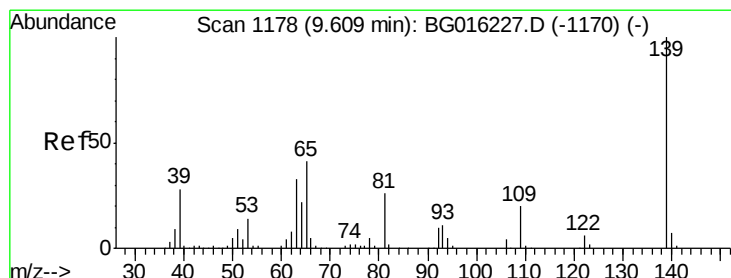
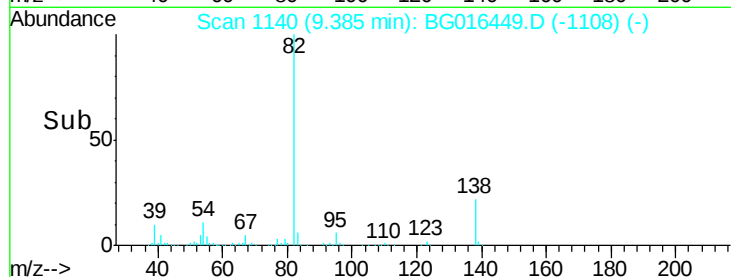
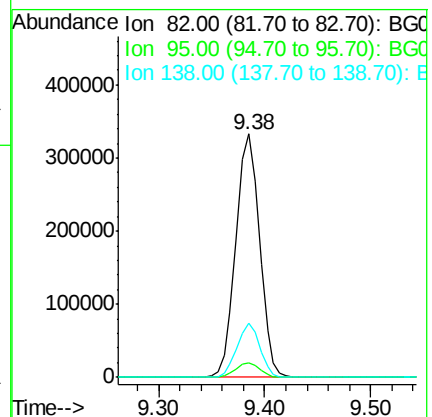
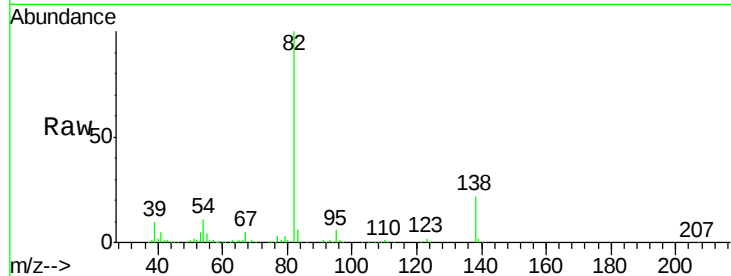
Tgt Ion: 82 Resp: 516386

Ion Ratio Lower Upper

82 100

95 6.0 5.0 7.6

138 22.4 16.2 24.2



#26

2-Nitrophenol

Concen: 48.45 ng

RT: 9.57 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BG016449.D

Acq: 16 Apr 2015 8:20

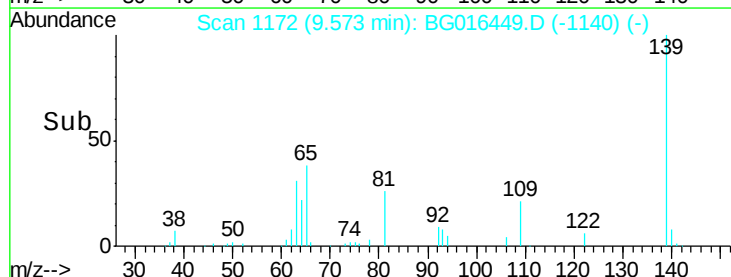
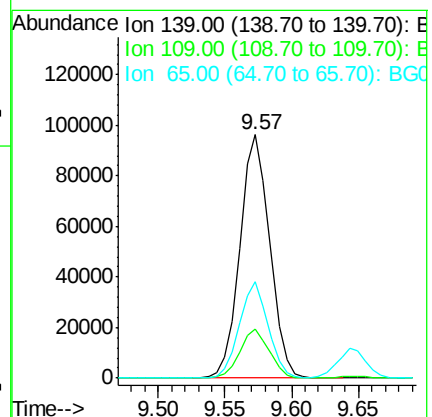
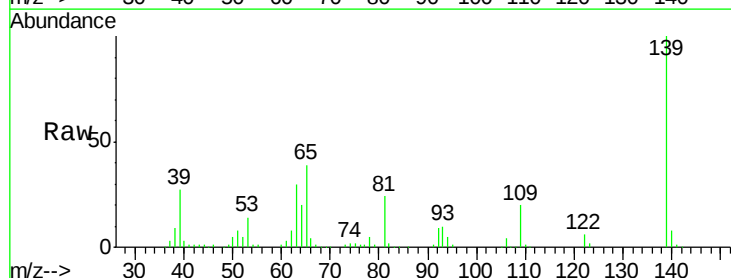
Tgt Ion: 139 Resp: 148621

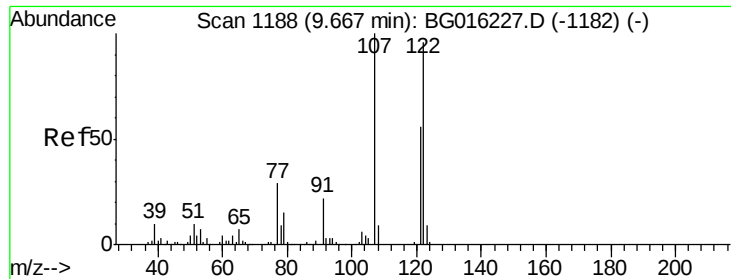
Ion Ratio Lower Upper

139 100

109 20.1 15.9 23.9

65 39.5 32.9 49.3

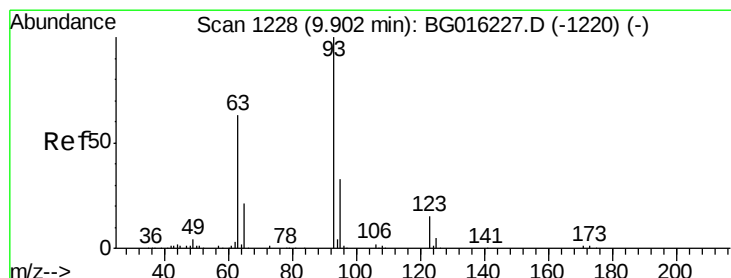
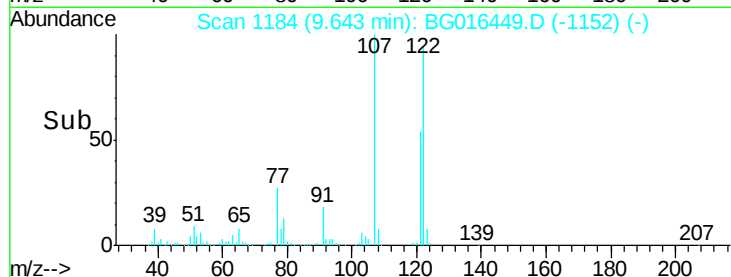
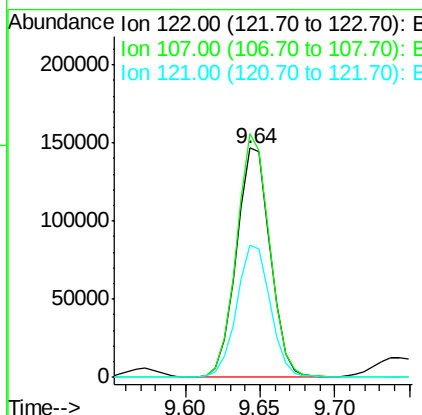
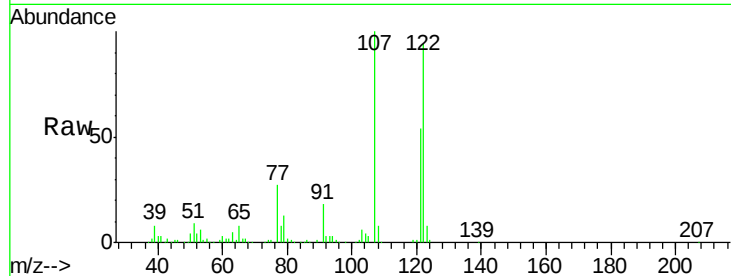




#27
 2,4-Dimethylphenol
 Concen: 40.51 ng
 RT: 9.64 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BG016449.D
 Acq: 16 Apr 2015 8:20

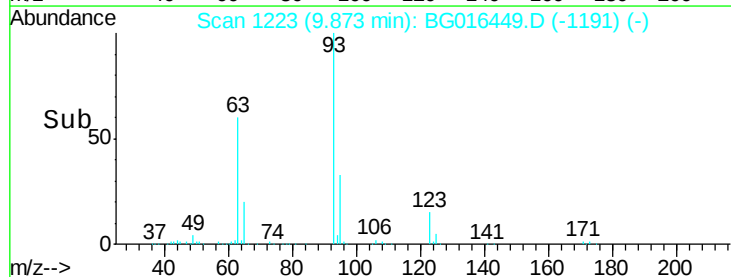
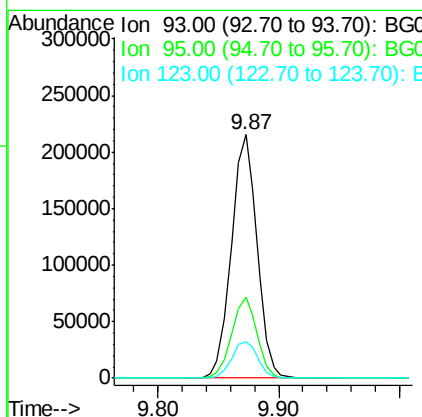
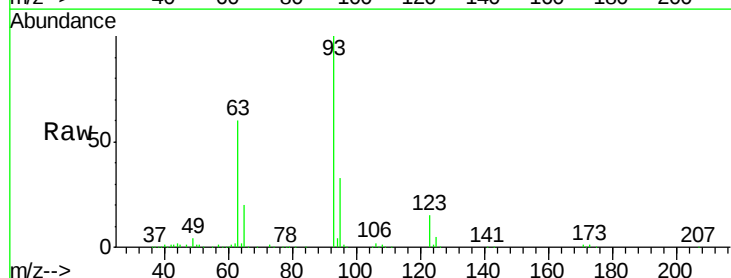
Instrument :
 BNA_G
 ClientSampleId :
 TE-MW-2-17MSD

Tgt Ion: 122 Resp: 231472
 Ion Ratio Lower Upper
 122 100
 107 106.1 83.4 125.2
 121 57.7 46.2 69.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.79 ng
 RT: 9.87 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BG016449.D
 Acq: 16 Apr 2015 8:20

Tgt Ion: 93 Resp: 318064
 Ion Ratio Lower Upper
 93 100
 95 33.4 26.1 39.1
 123 15.1 11.8 17.8

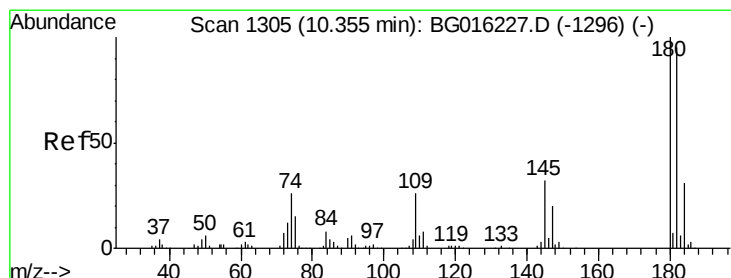
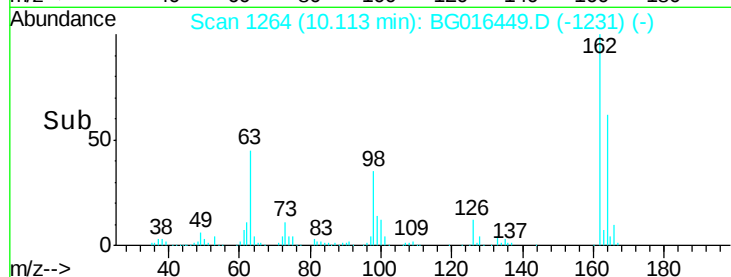
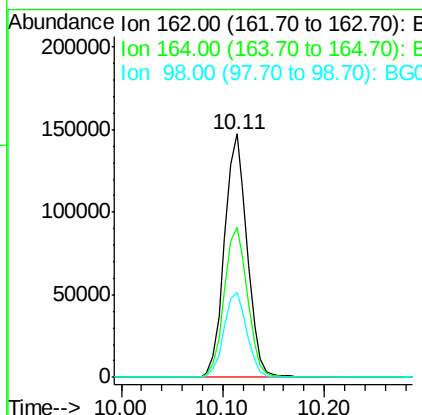
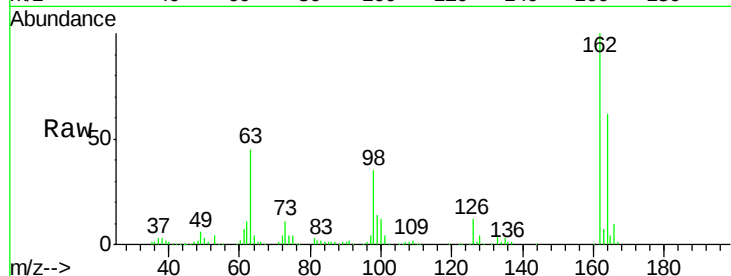




#29
2,4-Dichlorophenol
Concen: 50.47 ng
RT: 10.11 min Scan# 1264
Delta R.T. -0.00 min
Lab File: BG016449.D
Acq: 16 Apr 2015 8:20

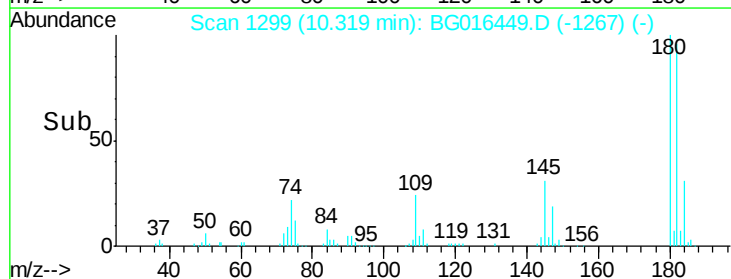
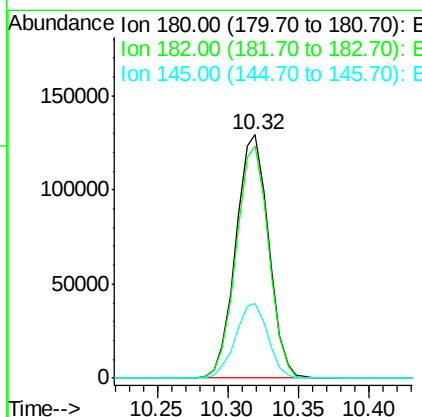
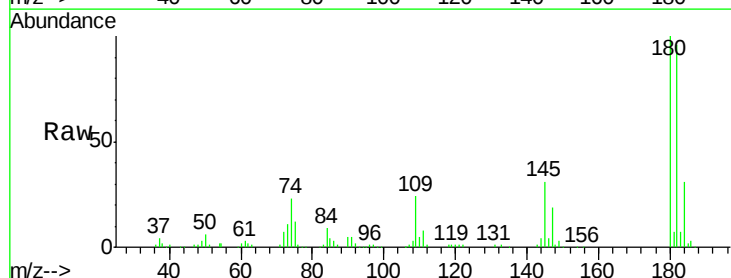
Instrument :
BNA_G
ClientSampleId :
TE-MW-2-17MSD

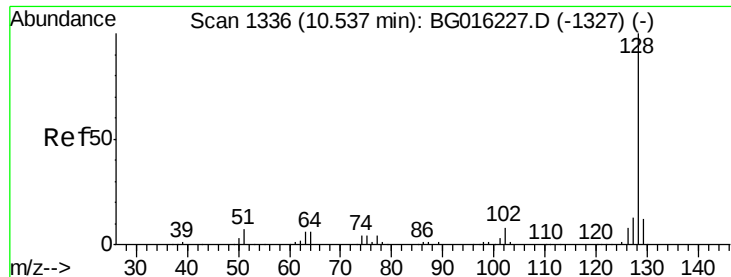
Tgt Ion:162 Resp: 228222
Ion Ratio Lower Upper
162 100
164 61.6 45.0 85.0
98 35.0 19.1 59.1



#30
1,2,4-Trichlorobenzene
Concen: 44.32 ng
RT: 10.32 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG016449.D
Acq: 16 Apr 2015 8:20

Tgt Ion:180 Resp: 209231
Ion Ratio Lower Upper
180 100
182 95.6 76.3 114.5
145 30.7 25.2 37.8

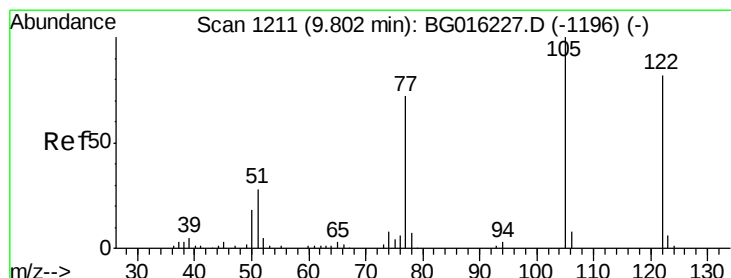
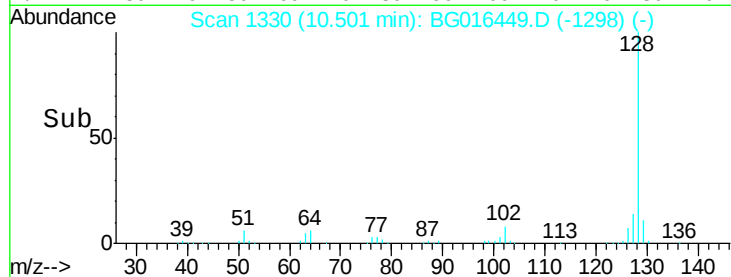
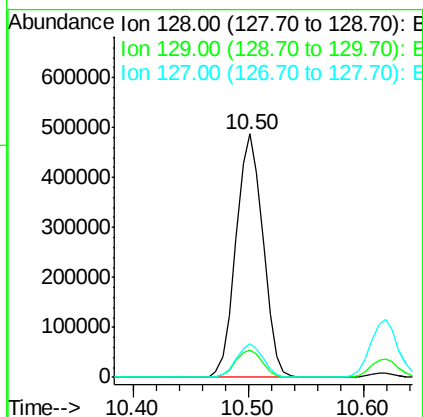
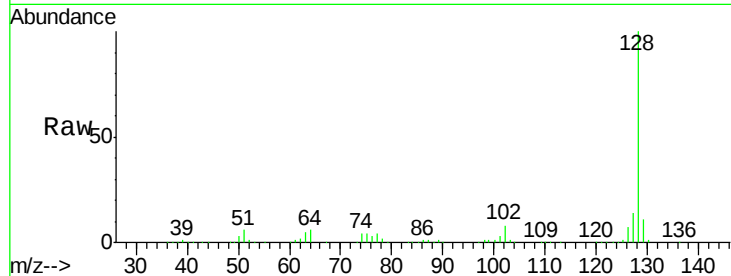




#31
Naphthalene
Concen: 42.38 ng
RT: 10.50 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BG016449.D
Acq: 16 Apr 2015 8:20

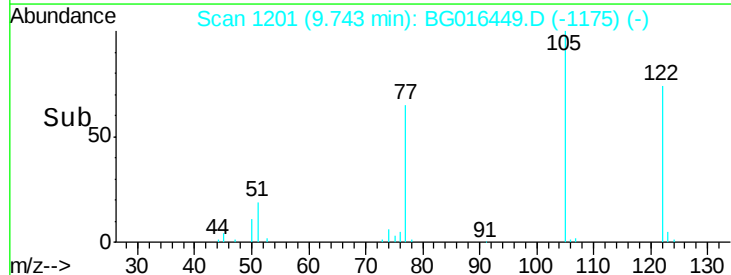
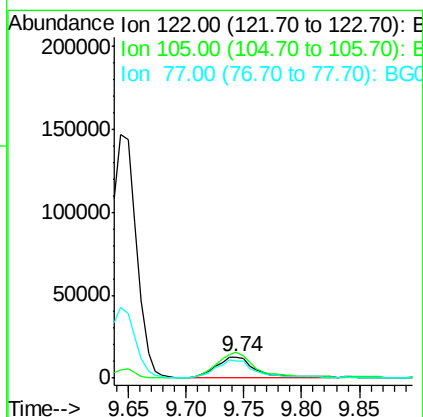
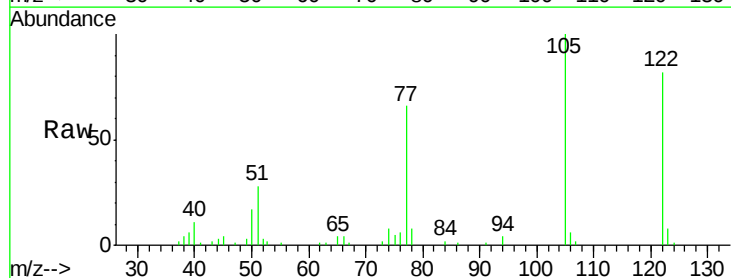
Instrument :
BNA_G
ClientSampleId :
TE-MW-2-17MSD

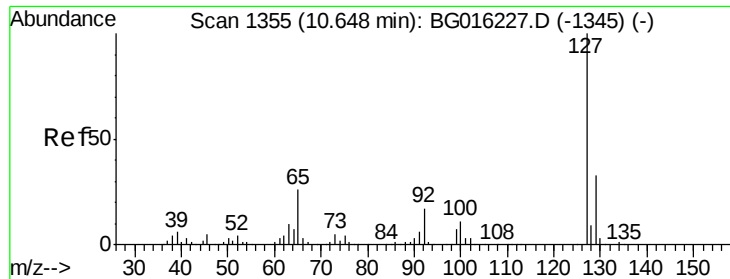
Tgt Ion:128 Resp: 787062
Ion Ratio Lower Upper
128 100
129 11.4 9.2 13.8
127 13.6 10.6 16.0



#32
Benzoic acid
Concen: 15.01 ng
RT: 9.74 min Scan# 1201
Delta R.T. -0.05 min
Lab File: BG016449.D
Acq: 16 Apr 2015 8:20

Tgt Ion:122 Resp: 28592
Ion Ratio Lower Upper
122 100
105 122.4 99.7 139.7
77 80.7 66.8 106.8

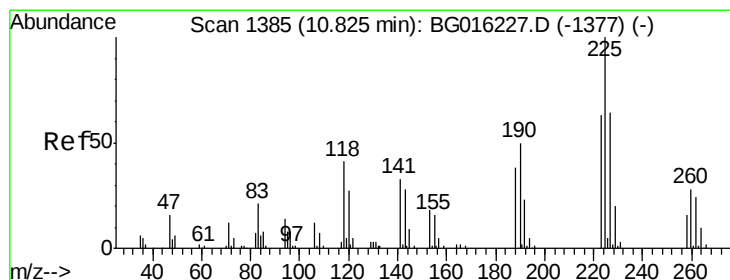
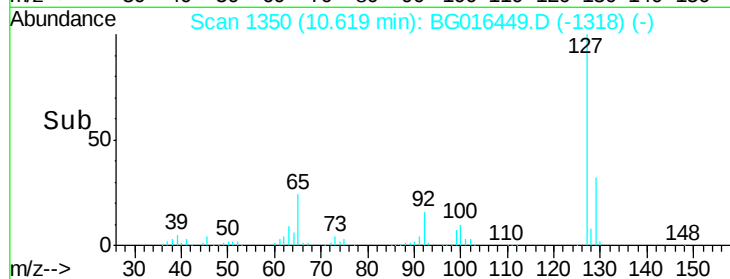
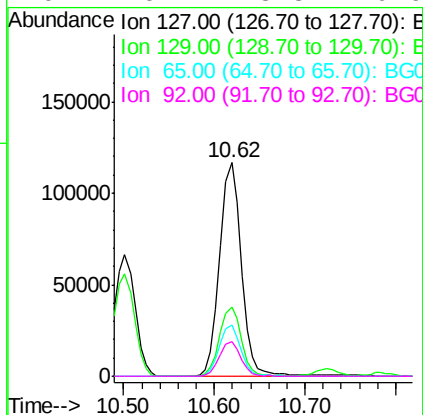
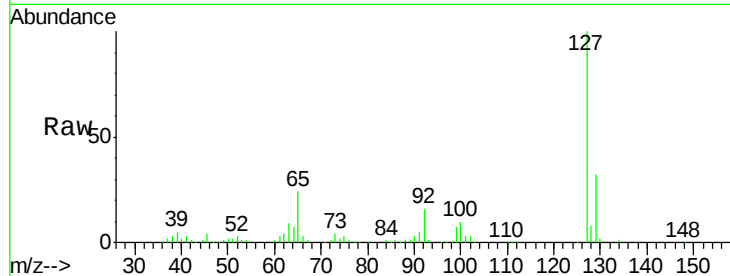




#33
 4-Chloroaniline
 Concen: 22.37 ng
 RT: 10.62 min Scan# 1350
 Delta R.T. -0.01 min
 Lab File: BG016449.D
 Acq: 16 Apr 2015 8:20

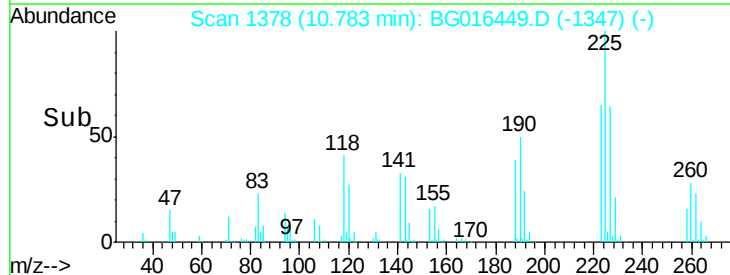
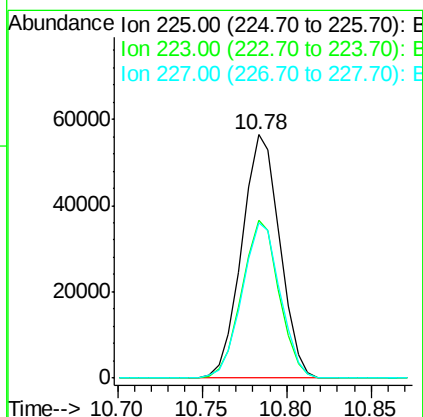
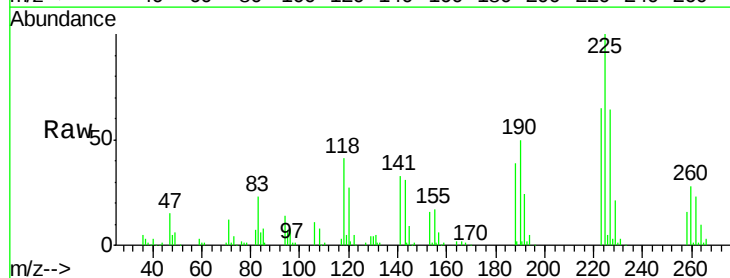
Instrument :
 BNA_G
 ClientSampleId :
 TE-MW-2-17MSD

Tgt Ion:	127	Resp:	194935
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.1	39.1
65	23.9	21.2	31.8
92	16.4	13.8	20.6



#34
 Hexachlorobutadiene
 Concen: 42.66 ng
 RT: 10.78 min Scan# 1378
 Delta R.T. -0.02 min
 Lab File: BG016449.D
 Acq: 16 Apr 2015 8:20

Tgt Ion:	225	Resp:	88454
Ion	Ratio	Lower	Upper
225	100		
223	64.7	50.4	75.6
227	63.6	51.2	76.8





#35

Caprolactam

Concen: 6.41 ng

RT: 11.39 min Scan# 1482

Delta R.T. -0.00 min

Lab File: BG016449.D

Acq: 16 Apr 2015 8:20

Instrument :

BNA_G

ClientSampleId :

TE-MW-2-17MSD

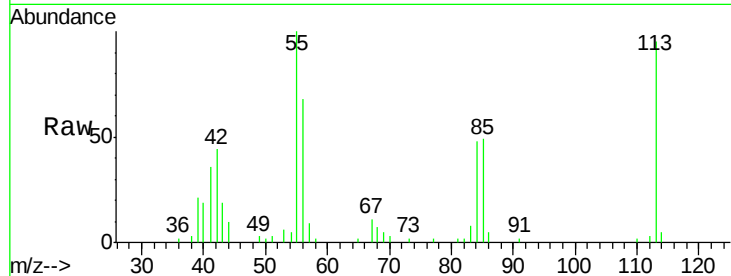
Tgt Ion:113 Resp: 18245

Ion Ratio Lower Upper

113 100

55 105.0 92.4 132.4

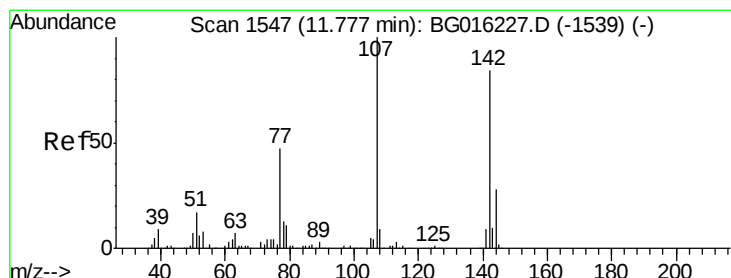
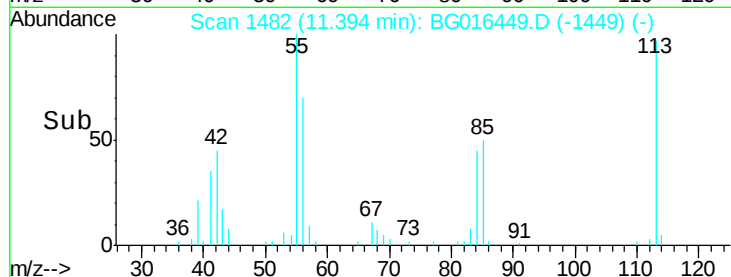
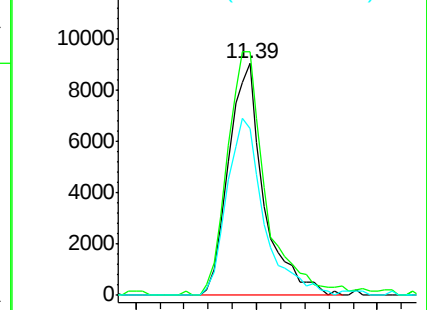
56 71.7 63.2 103.2



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: 44.03 ng

RT: 11.76 min Scan# 1544

Delta R.T. -0.00 min

Lab File: BG016449.D

Acq: 16 Apr 2015 8:20

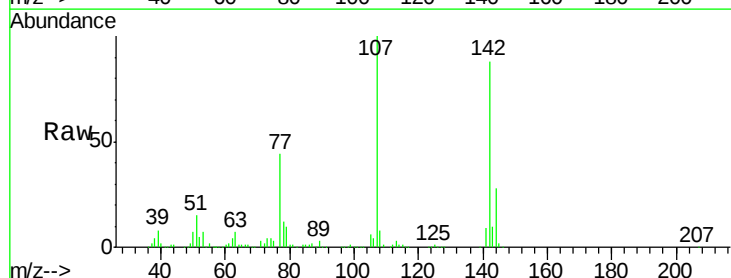
Tgt Ion:107 Resp: 263014

Ion Ratio Lower Upper

107 100

144 28.4 22.0 33.0

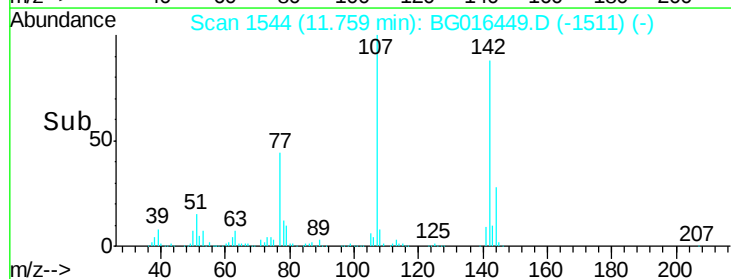
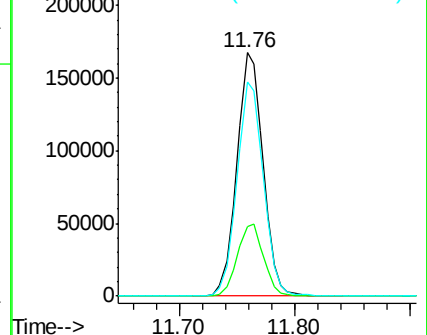
142 87.7 67.0 100.6

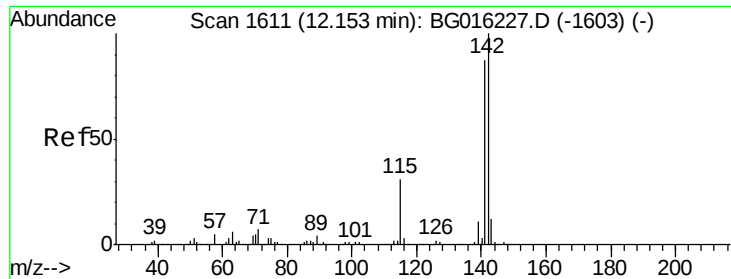


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

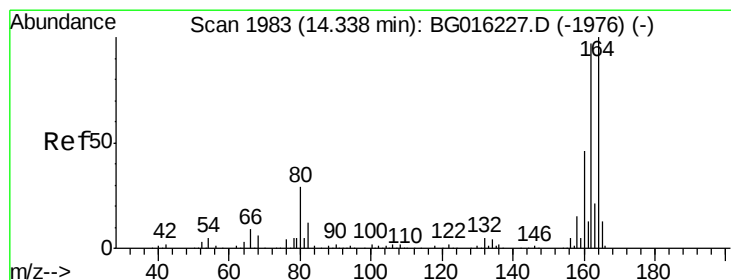
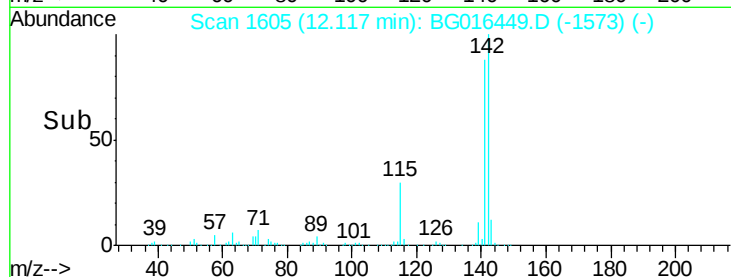
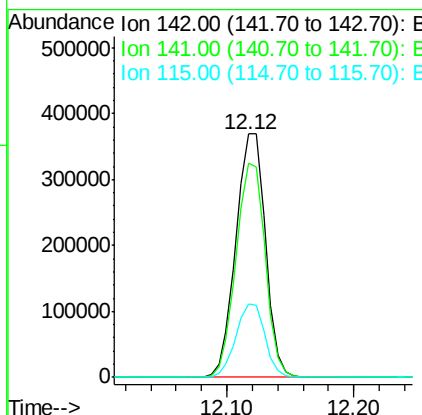
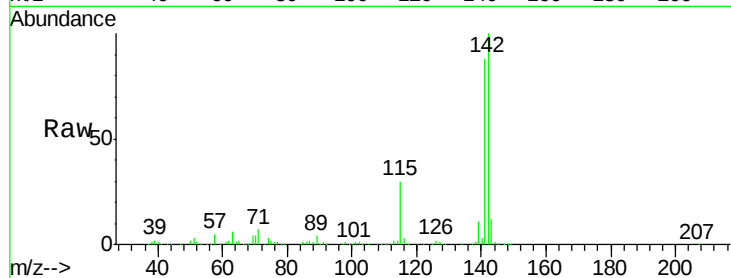




#37
 2-Methylnaphthalene
 Concen: 44.62 ng
 RT: 12.12 min Scan# 1605
 Delta R.T. -0.01 min
 Lab File: BG016449.D
 Acq: 16 Apr 2015 8:20

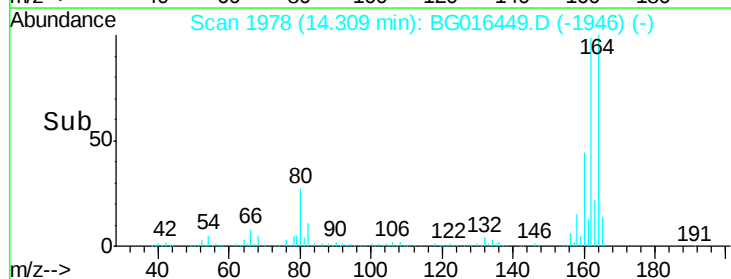
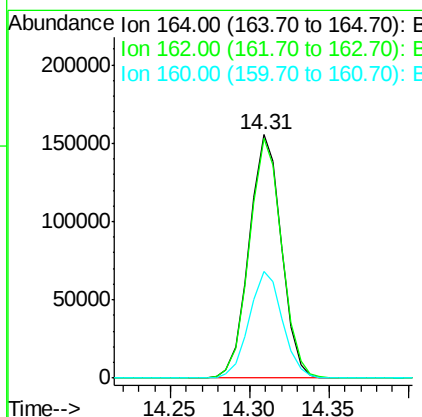
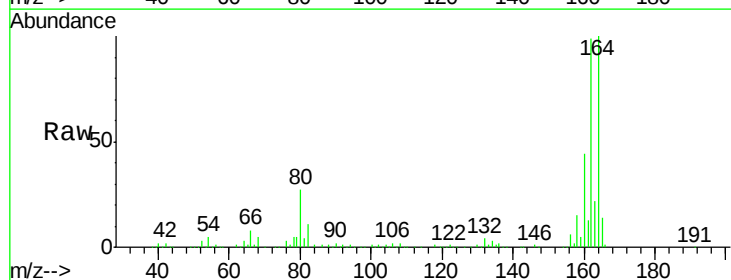
Instrument :
 BNA_G
 ClientSampleId :
 TE-MW-2-17MSD

Tgt Ion:142 Resp: 596018
 Ion Ratio Lower Upper
 142 100
 141 88.0 69.3 103.9
 115 30.1 25.0 37.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.31 min Scan# 1978
 Delta R.T. -0.01 min
 Lab File: BG016449.D
 Acq: 16 Apr 2015 8:20

Tgt Ion:164 Resp: 219749
 Ion Ratio Lower Upper
 164 100
 162 98.6 77.3 115.9
 160 43.6 36.7 55.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.53 ng

RT: 12.49 min Scan# 1669

Delta R.T. -0.01 min

Lab File: BG016449.D

Acq: 16 Apr 2015 8:20

Instrument :

BNA_G

ClientSampleId :

TE-MW-2-17MSD

Tgt Ion:216 Resp: 210613

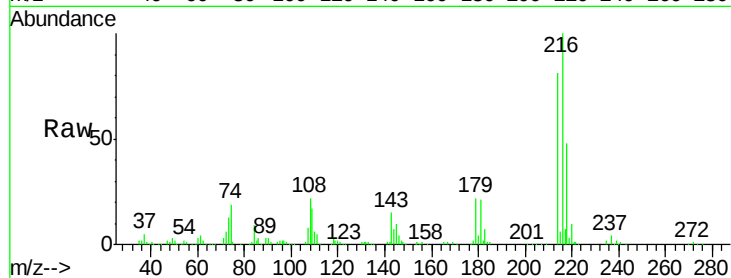
Ion Ratio Lower Upper

216 100

214 79.7 63.4 95.0

179 22.3 18.2 27.2

108 25.7 21.2 31.8

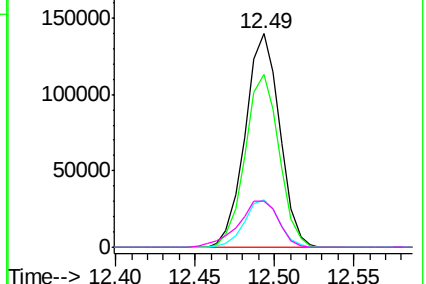
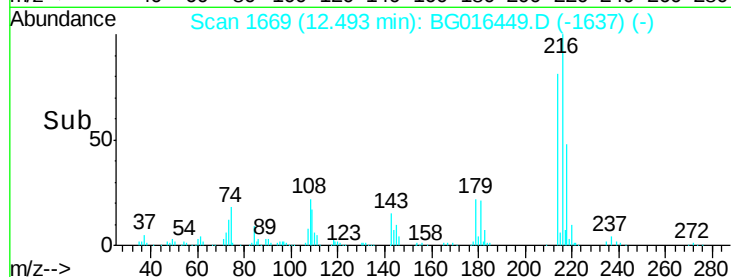


Abundance Ion 216.00 (215.70 to 216.70): E

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: 71.30 ng

RT: 12.47 min Scan# 1665

Delta R.T. -0.01 min

Lab File: BG016449.D

Acq: 16 Apr 2015 8:20

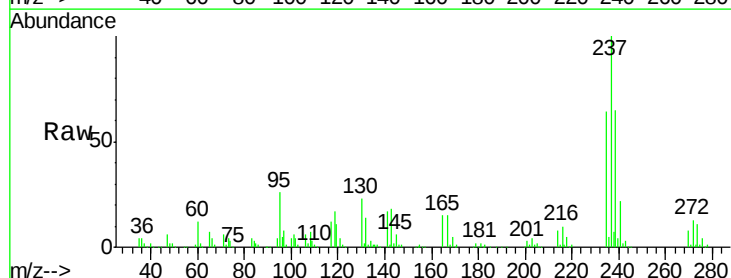
Tgt Ion:237 Resp: 157906

Ion Ratio Lower Upper

237 100

235 64.0 43.9 83.9

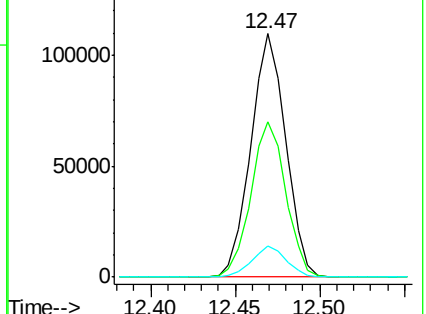
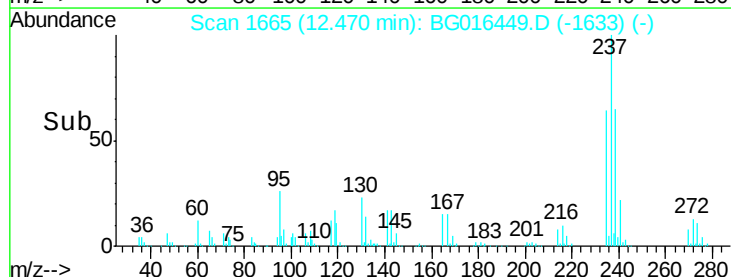
272 13.0 0.0 33.1



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

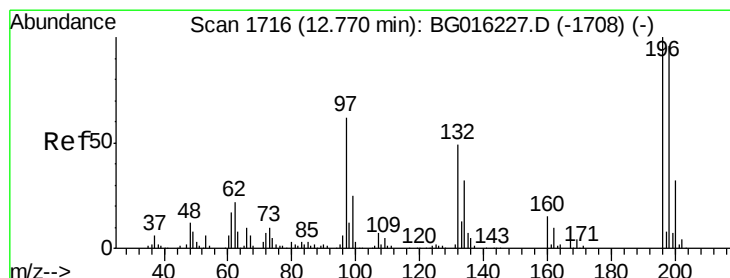
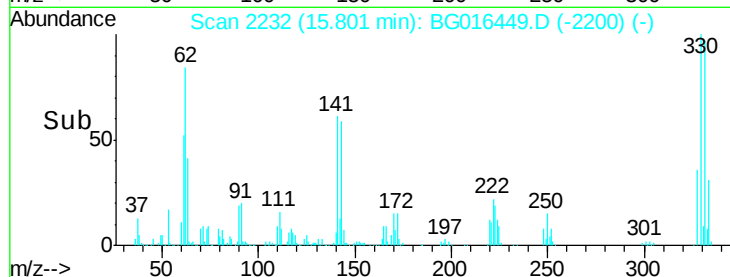
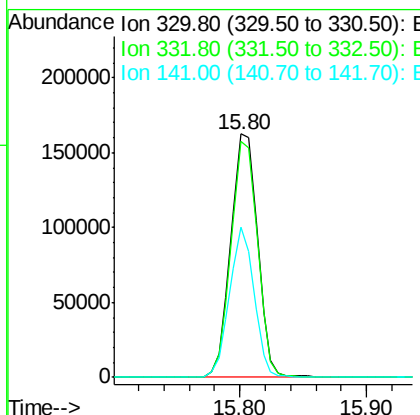
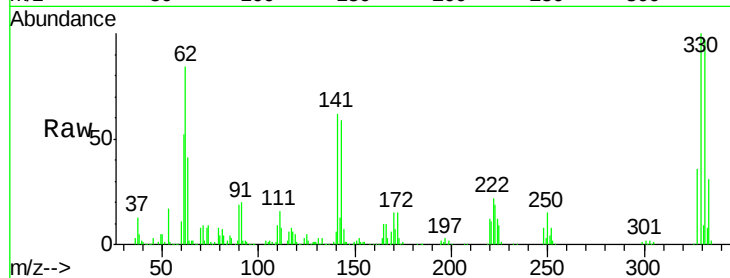




#41
 2,4,6-Tribromophenol
 Concen: 159.79 ng
 RT: 15.80 min Scan# 2232
 Delta R.T. -0.01 min
 Lab File: BG016449.D
 Acq: 16 Apr 2015 8:20

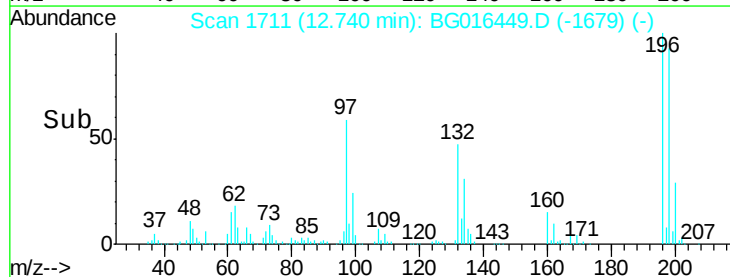
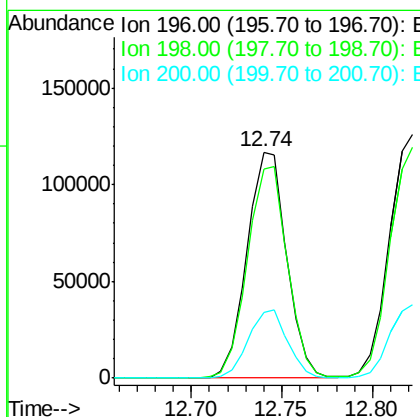
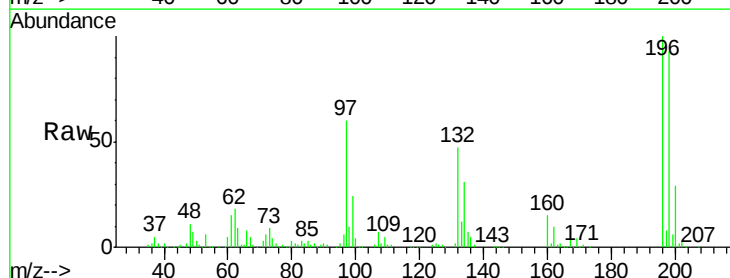
Instrument :
 BNA_G
 ClientSampleId :
 TE-MW-2-17MSD

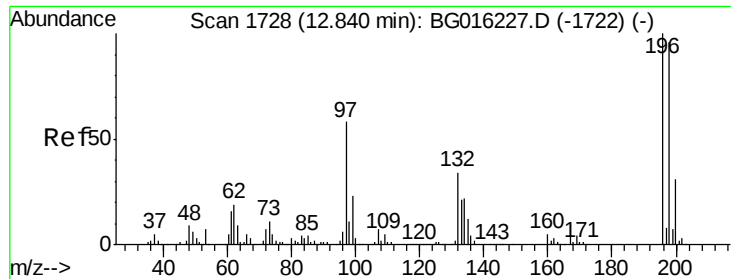
Tgt Ion:330 Resp: 237477
 Ion Ratio Lower Upper
 330 100
 332 95.9 75.8 113.6
 141 56.8 46.6 69.8



#42
 2,4,6-Trichlorophenol
 Concen: 49.54 ng
 RT: 12.74 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG016449.D
 Acq: 16 Apr 2015 8:20

Tgt Ion:196 Resp: 178117
 Ion Ratio Lower Upper
 196 100
 198 92.7 77.2 115.8
 200 29.1 25.3 37.9

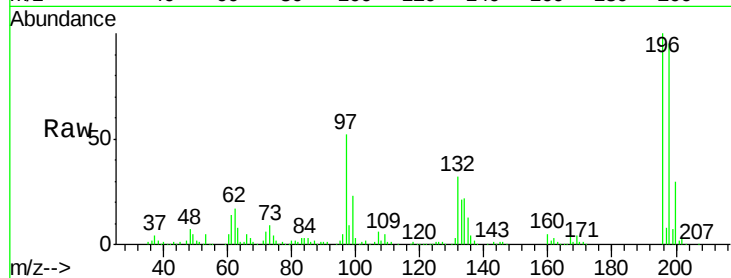




#43
 2,4,5-Trichlorophenol
 Concen: 52.25 ng
 RT: 12.82 min Scan# 1725
 Delta R.T. 0.00 min
 Lab File: BG016449.D
 Acq: 16 Apr 2015 8:20

Instrument :
 BNA_G
 ClientSampleId :
 TE-MW-2-17MSD

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.9	77.1	115.7
97	52.2	46.6	69.8
132	32.1	27.0	40.6



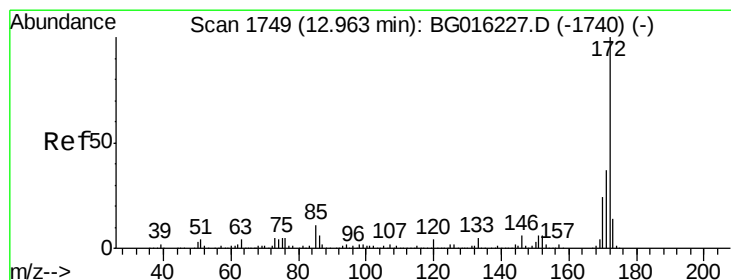
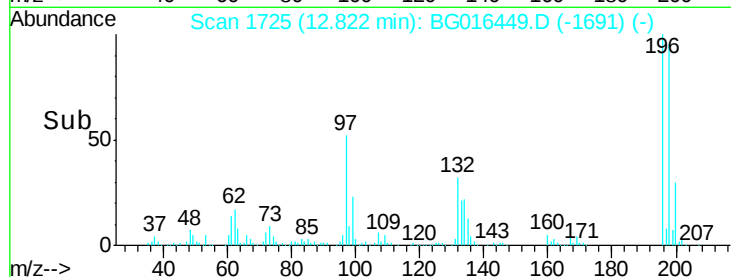
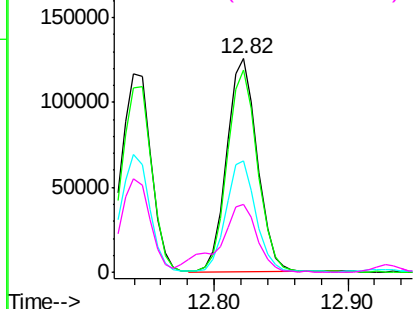
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

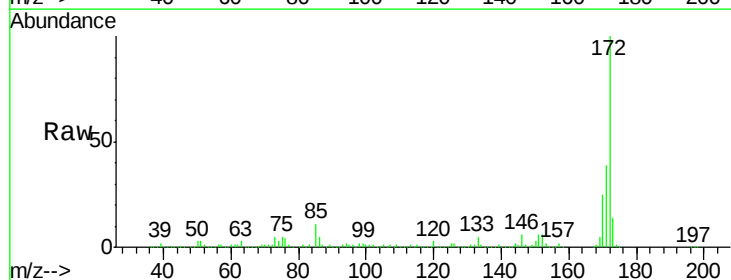
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 90.02 ng
 RT: 12.93 min Scan# 1743
 Delta R.T. -0.01 min
 Lab File: BG016449.D
 Acq: 16 Apr 2015 8:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.0	29.6	44.4
170	25.0	19.4	29.2

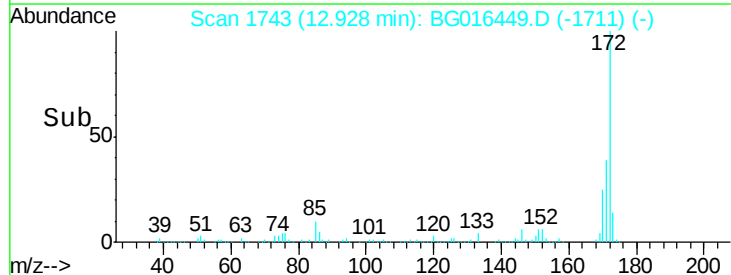
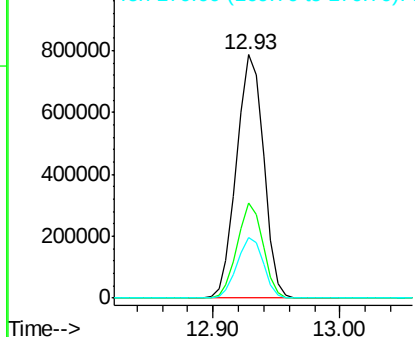


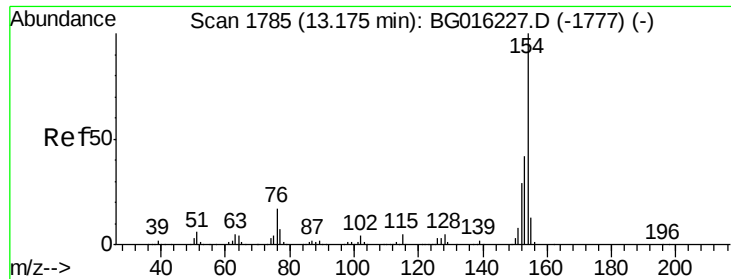
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

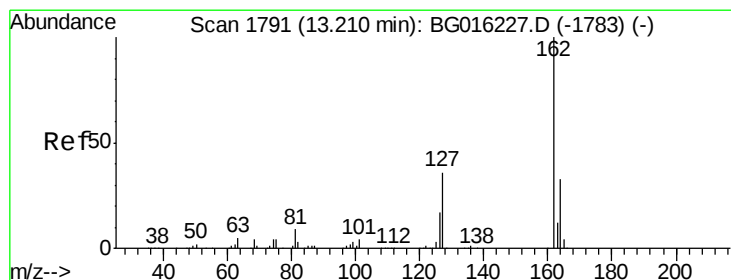
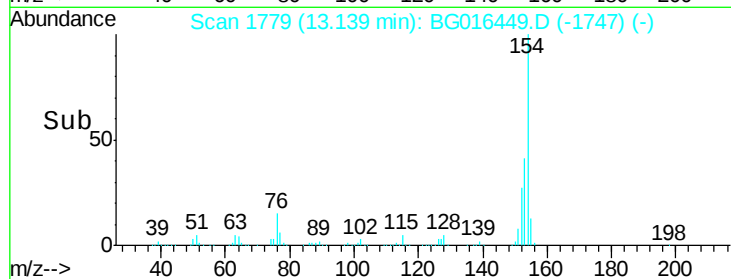
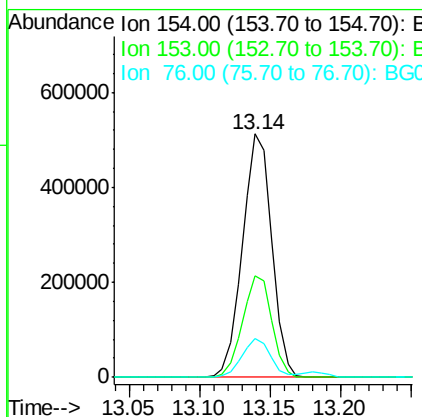
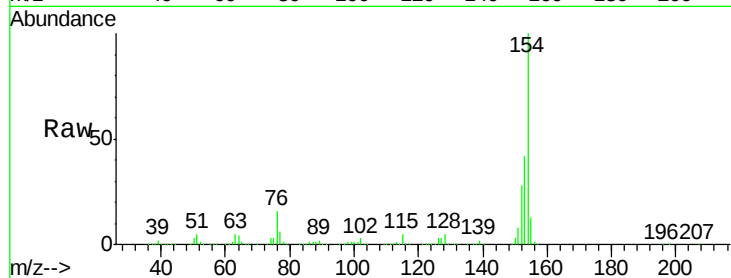




#45
 1,1'-Biphenyl
 Concen: 43.98 ng
 RT: 13.14 min Scan# 1779
 Delta R.T. -0.01 min
 Lab File: BG016449.D
 Acq: 16 Apr 2015 8:20

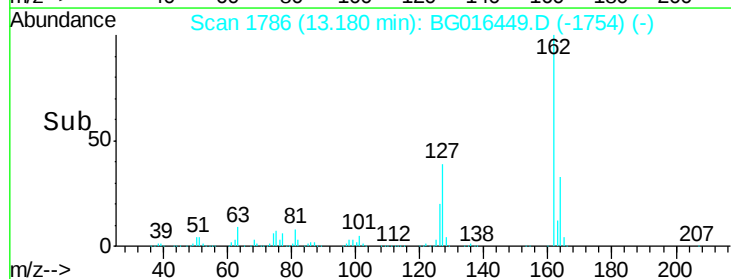
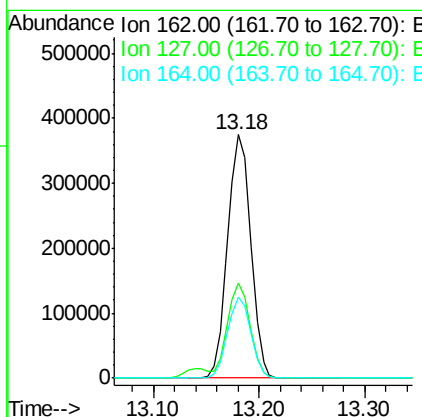
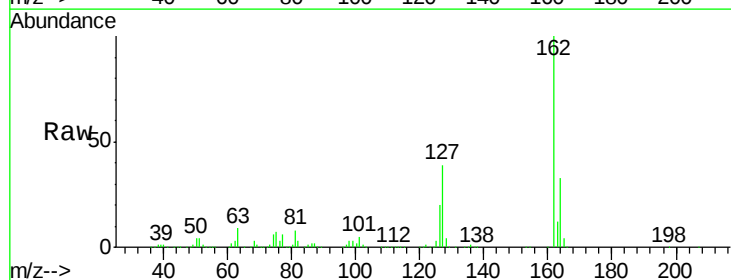
Instrument :
 BNA_G
 ClientSampleId :
 TE-MW-2-17MSD

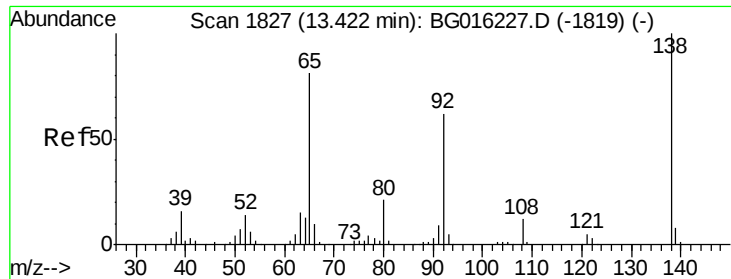
Tgt Ion:154 Resp: 741372
 Ion Ratio Lower Upper
 154 100
 153 41.6 22.4 62.4
 76 15.7 0.0 37.1



#46
 2-Chloronaphthalene
 Concen: 44.06 ng
 RT: 13.18 min Scan# 1786
 Delta R.T. -0.01 min
 Lab File: BG016449.D
 Acq: 16 Apr 2015 8:20

Tgt Ion:162 Resp: 565841
 Ion Ratio Lower Upper
 162 100
 127 39.2 30.8 46.2
 164 33.4 26.6 40.0

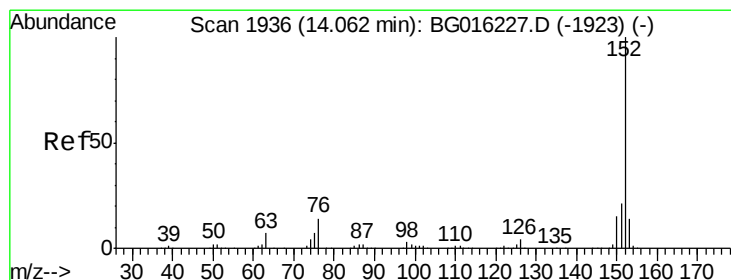
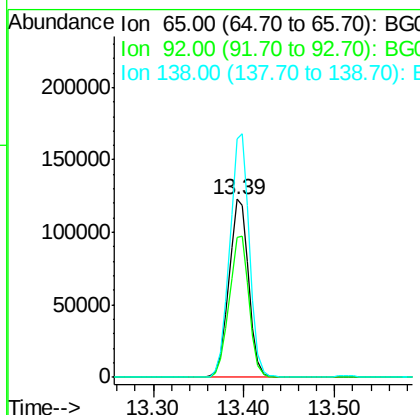
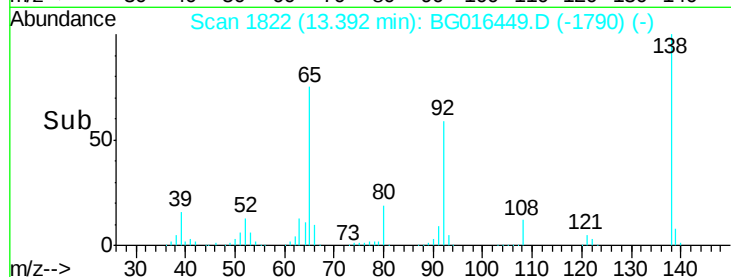
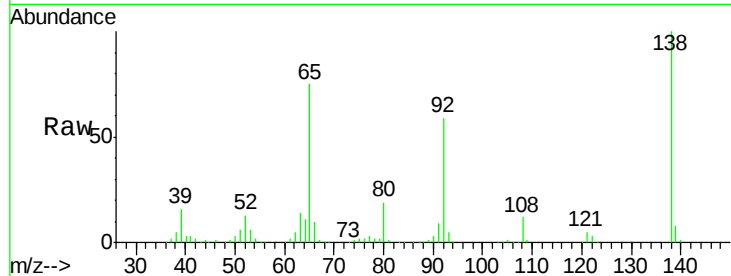




#47
 2-Nitroaniline
 Concen: 44.85 ng
 RT: 13.39 min Scan# 1822
 Delta R.T. -0.01 min
 Lab File: BG016449.D
 Acq: 16 Apr 2015 8:20

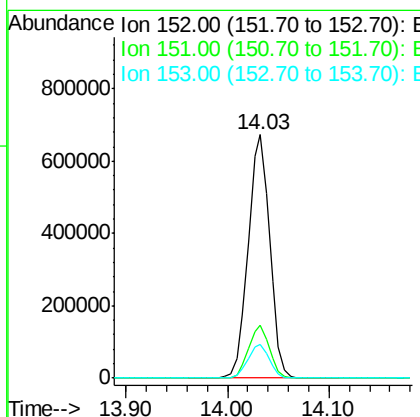
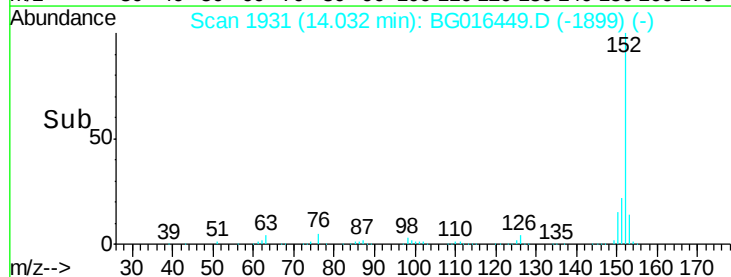
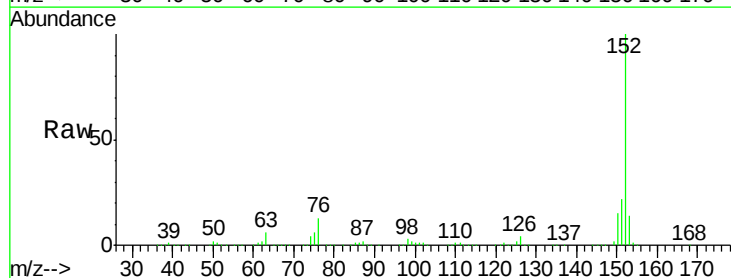
Instrument :
 BNA_G
 ClientSampleId :
 TE-MW-2-17MSD

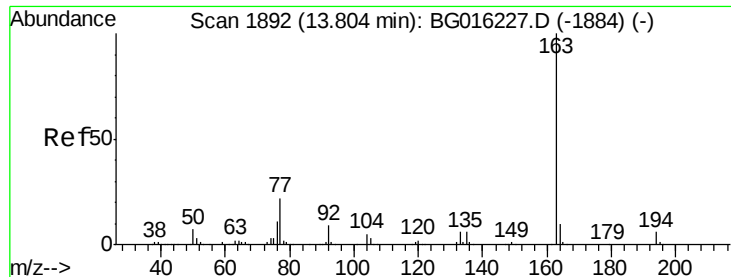
Tgt Ion: 65 Resp: 185632
 Ion Ratio Lower Upper
 65 100
 92 78.5 61.0 91.6
 138 134.1 98.7 148.1



#48
 Acenaphthylene
 Concen: 43.38 ng
 RT: 14.03 min Scan# 1931
 Delta R.T. -0.01 min
 Lab File: BG016449.D
 Acq: 16 Apr 2015 8:20

Tgt Ion: 152 Resp: 990444
 Ion Ratio Lower Upper
 152 100
 151 21.7 16.5 24.7
 153 13.8 11.1 16.7





#49

Dimethylphthalate

Concen: 43.02 ng

RT: 13.77 min Scan# 1887

Delta R.T. -0.01 min

Lab File: BG016449.D

Acq: 16 Apr 2015 8:20

Instrument :

BNA_G

ClientSampleId :

TE-MW-2-17MSD

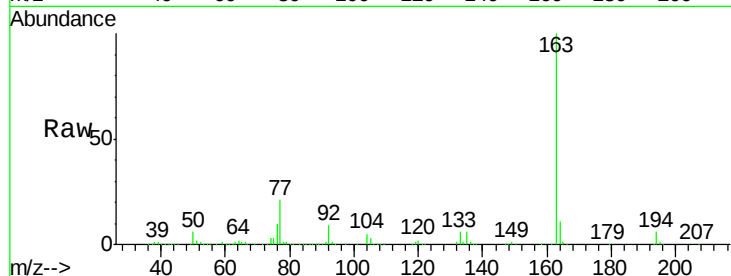
Tgt Ion:163 Resp: 692882

Ion Ratio Lower Upper

163 100

194 6.2 5.0 7.4

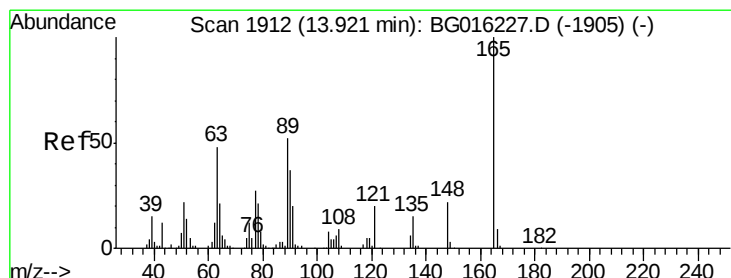
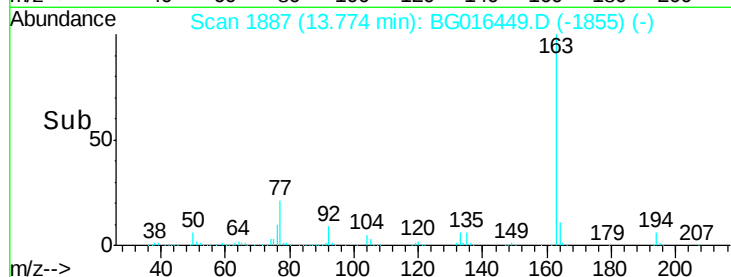
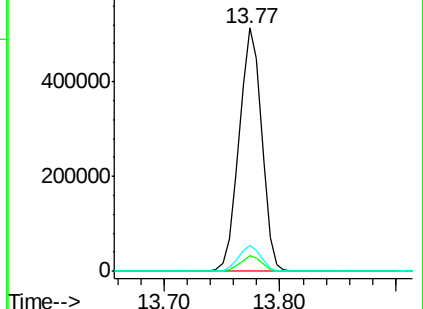
164 10.5 8.2 12.4



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: 47.90 ng

RT: 13.90 min Scan# 1908

Delta R.T. -0.00 min

Lab File: BG016449.D

Acq: 16 Apr 2015 8:20

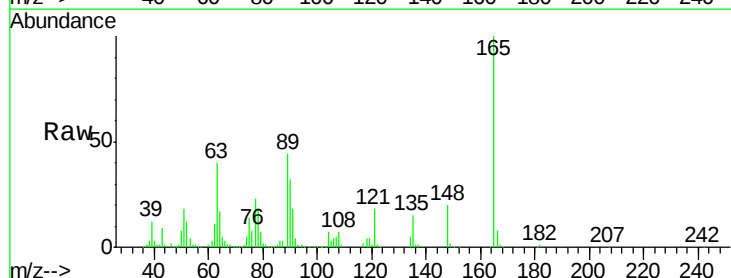
Tgt Ion:165 Resp: 186572

Ion Ratio Lower Upper

165 100

63 40.0 39.3 58.9

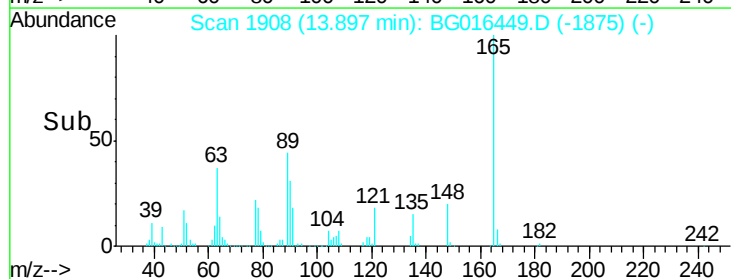
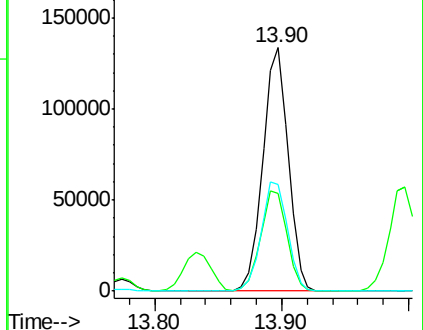
89 43.6 41.3 61.9

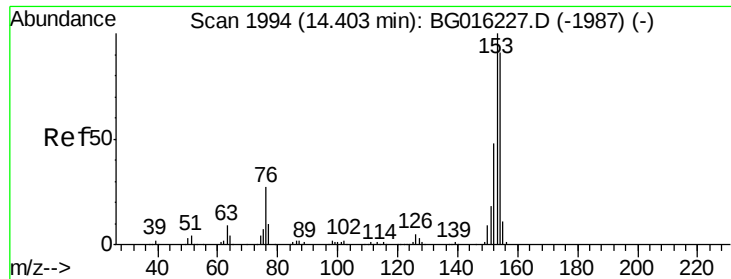


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 44.77 ng

RT: 14.37 min Scan# 1989

Delta R.T. -0.01 min

Lab File: BG016449.D

Acq: 16 Apr 2015 8:20

Instrument :

BNA_G

ClientSampleId :

TE-MW-2-17MSD

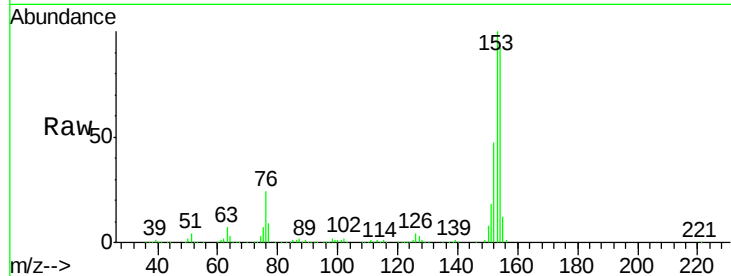
Tgt Ion:154 Resp: 610856

Ion Ratio Lower Upper

154 100

153 108.5 87.5 131.3

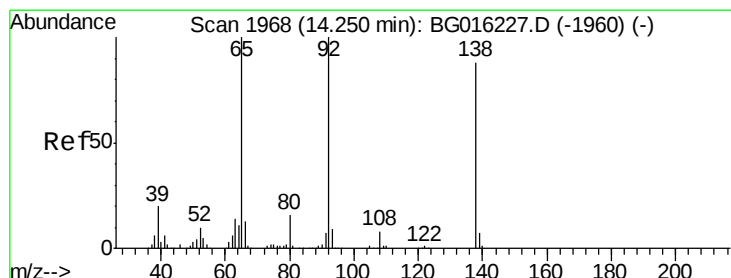
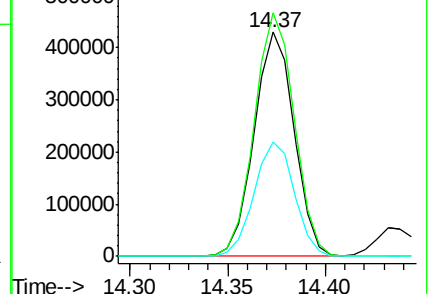
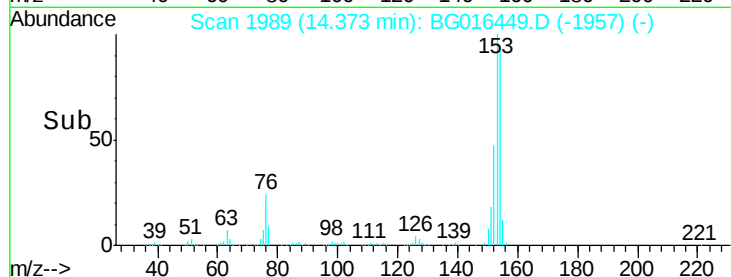
152 51.3 42.1 63.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 30.45 ng

RT: 14.23 min Scan# 1964

Delta R.T. -0.00 min

Lab File: BG016449.D

Acq: 16 Apr 2015 8:20

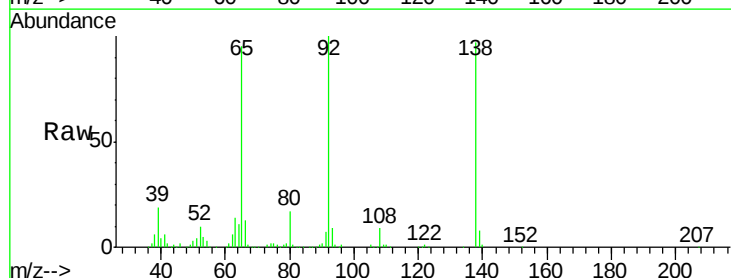
Tgt Ion:138 Resp: 151447

Ion Ratio Lower Upper

138 100

108 9.2 7.4 11.0

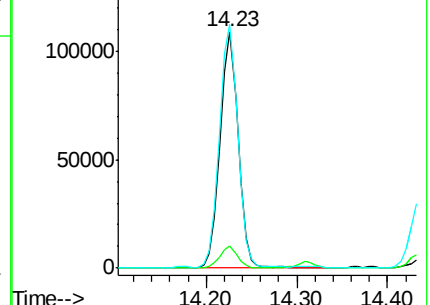
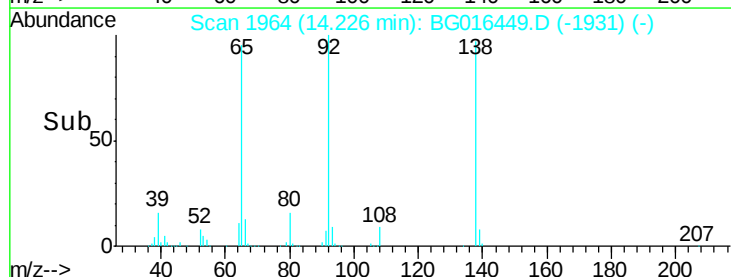
92 103.0 91.4 137.0



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

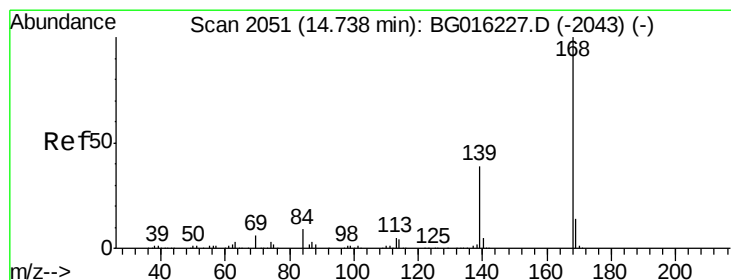
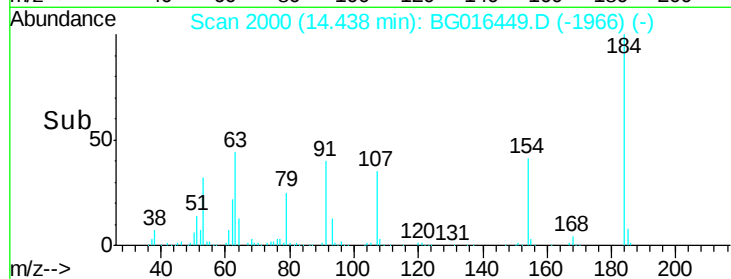
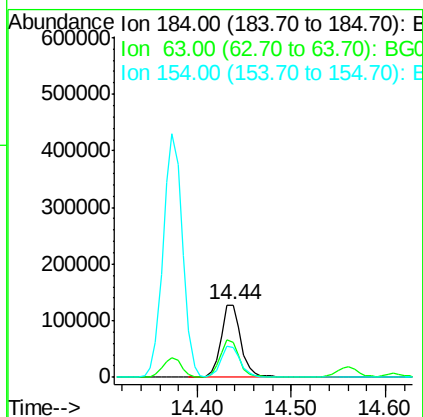
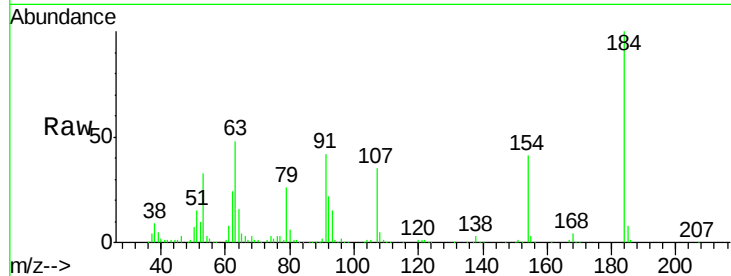




#53
 2,4-Dinitrophenol
 Concen: 84.33 ng
 RT: 14.44 min Scan# 2000
 Delta R.T. 0.00 min
 Lab File: BG016449.D
 Acq: 16 Apr 2015 8:20

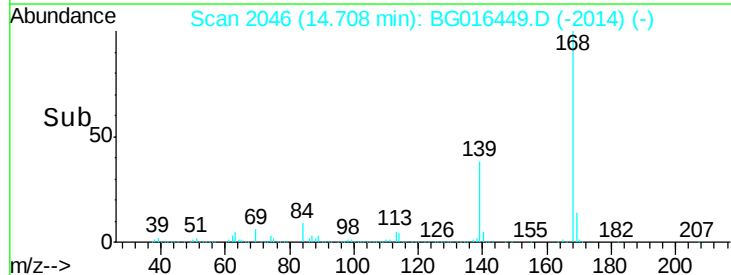
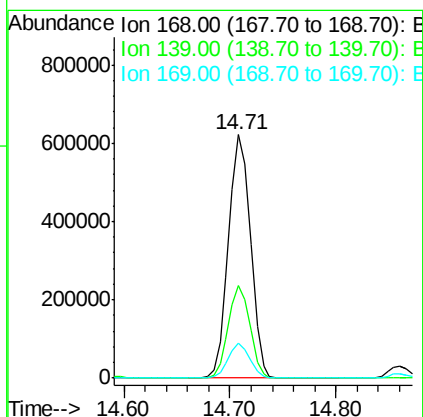
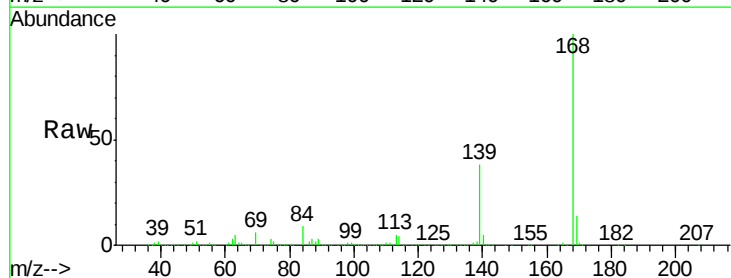
Instrument :
 BNA_G
 ClientSampleId :
 TE-MW-2-17MSD

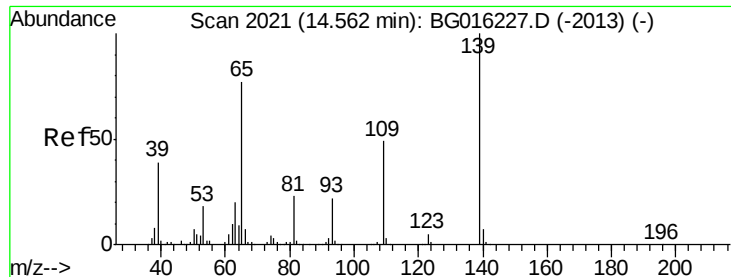
Tgt Ion:184 Resp: 191205
 Ion Ratio Lower Upper
 184 100
 63 48.3 45.8 68.6
 154 41.0 34.5 51.7



#54
 Dibenzofuran
 Concen: 47.24 ng
 RT: 14.71 min Scan# 2046
 Delta R.T. -0.01 min
 Lab File: BG016449.D
 Acq: 16 Apr 2015 8:20

Tgt Ion:168 Resp: 894414
 Ion Ratio Lower Upper
 168 100
 139 38.2 31.0 46.6
 169 14.2 11.2 16.8

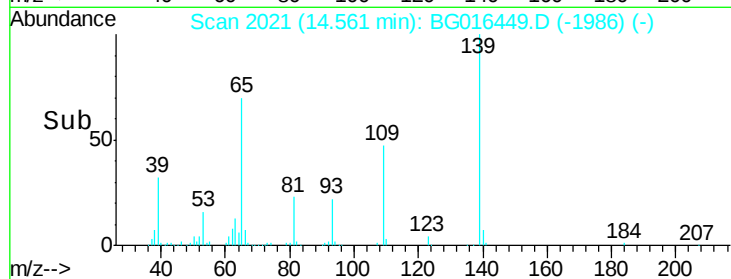
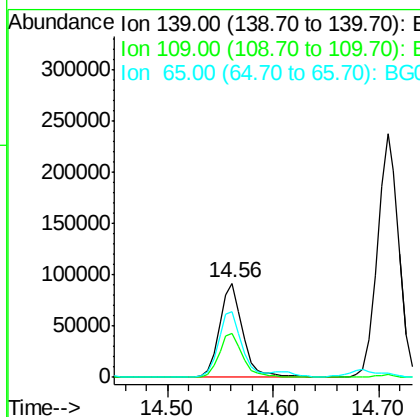
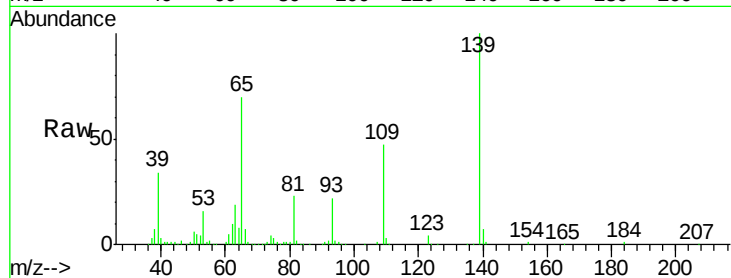




#55
4-Nitrophenol
Concen: 34.29 ng
RT: 14.56 min Scan# 2021
Delta R.T. 0.01 min
Lab File: BG016449.D
Acq: 16 Apr 2015 8:20

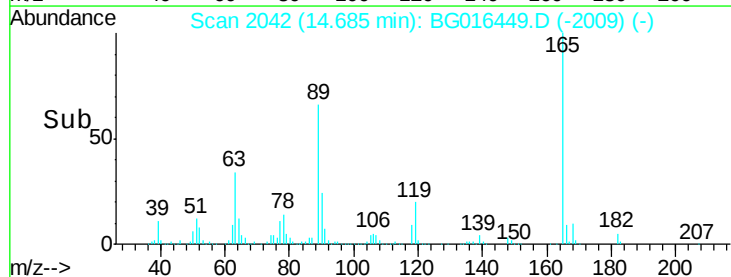
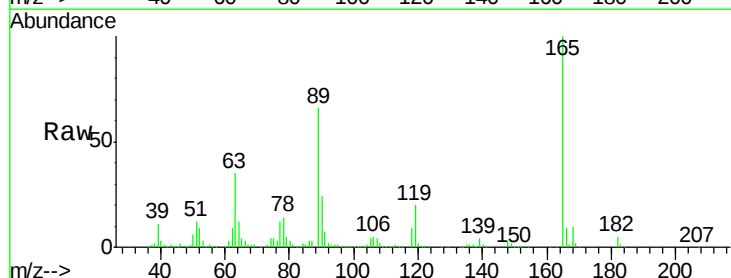
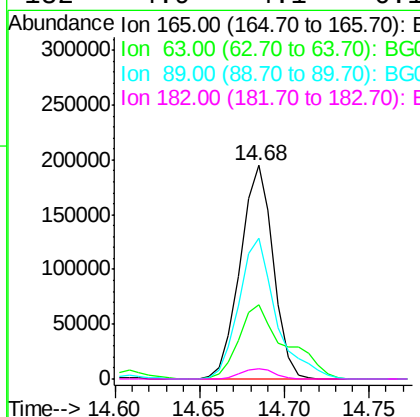
Instrument :
BNA_G
ClientSampleId :
TE-MW-2-17MSD

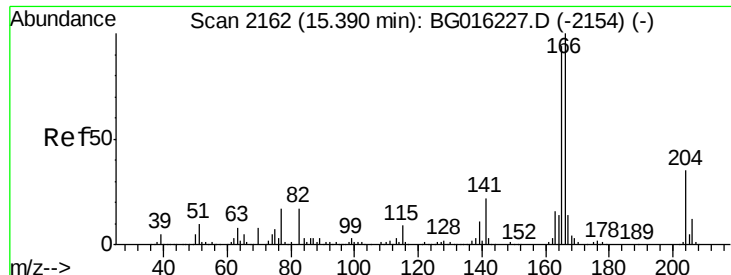
Tgt Ion	Ratio	Lower	Upper
139	100		
109	47.3	28.5	68.5
65	70.4	56.9	96.9



#56
2,4-Dinitrotoluene
Concen: 50.03 ng
RT: 14.68 min Scan# 2042
Delta R.T. -0.00 min
Lab File: BG016449.D
Acq: 16 Apr 2015 8:20

Tgt Ion	Ratio	Lower	Upper
165	100		
63	34.8	31.4	47.2
89	65.7	58.8	88.2
182	4.9	4.1	6.1

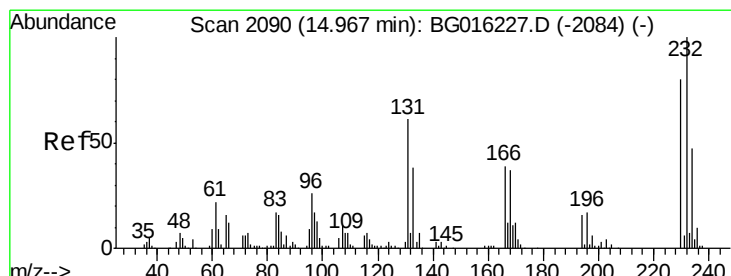
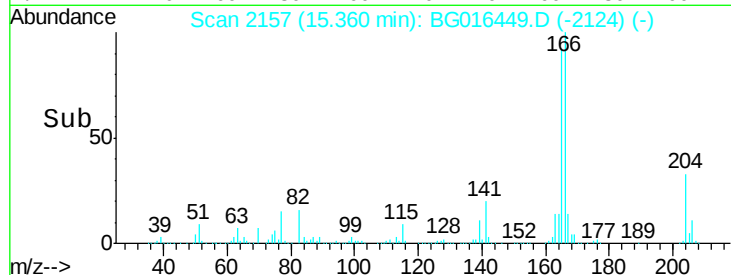
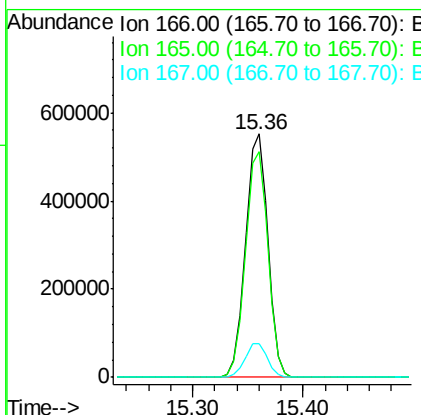
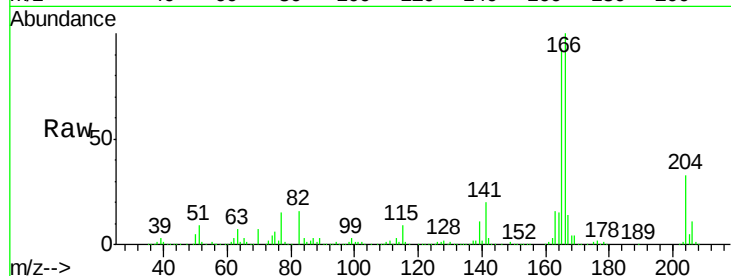




#57
Fluorene
 Concen: 46.93 ng
 RT: 15.36 min Scan# 2157
 Delta R.T. -0.00 min
 Lab File: BG016449.D
 Acq: 16 Apr 2015 8:20

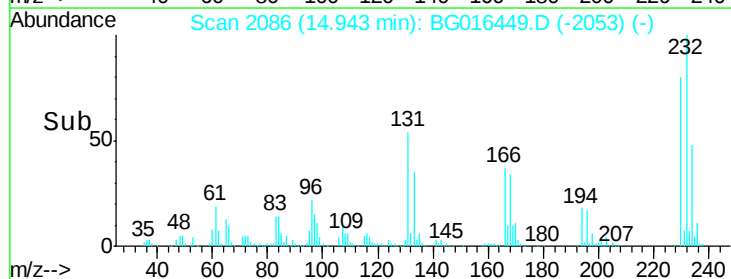
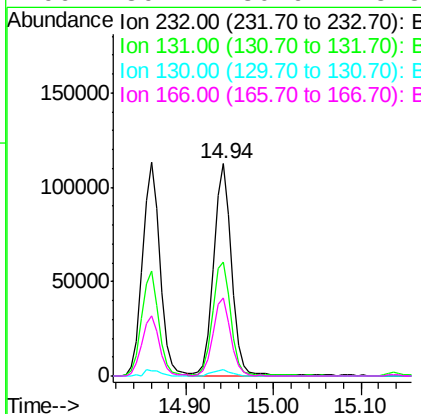
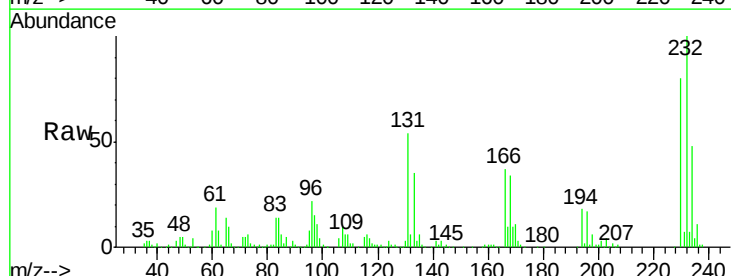
Instrument :
 BNA_G
 ClientSampleId :
 TE-MW-2-17MSD

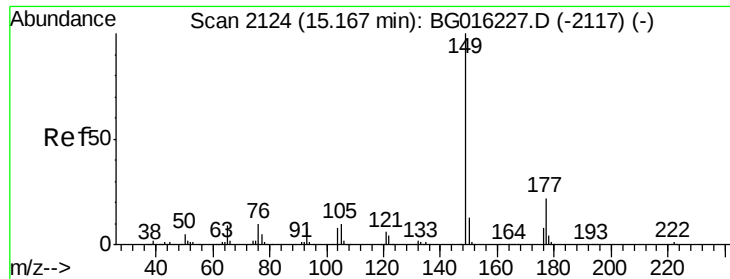
Tgt Ion:166 Resp: 783930
 Ion Ratio Lower Upper
 166 100
 165 92.5 75.2 112.8
 167 13.9 11.3 16.9



#58
2,3,4,6-Tetrachlorophenol
 Concen: 53.80 ng
 RT: 14.94 min Scan# 2086
 Delta R.T. -0.00 min
 Lab File: BG016449.D
 Acq: 16 Apr 2015 8:20

Tgt Ion:232 Resp: 159485
 Ion Ratio Lower Upper
 232 100
 131 54.4 49.8 74.6
 130 3.1 2.6 3.8
 166 36.7 30.6 45.8





#59

Diethylphthalate

Concen: 44.34 ng

RT: 15.14 min Scan# 2119

Delta R.T. -0.01 min

Lab File: BG016449.D

Acq: 16 Apr 2015 8:20

Instrument :

BNA_G

ClientSampleId :

TE-MW-2-17MSD

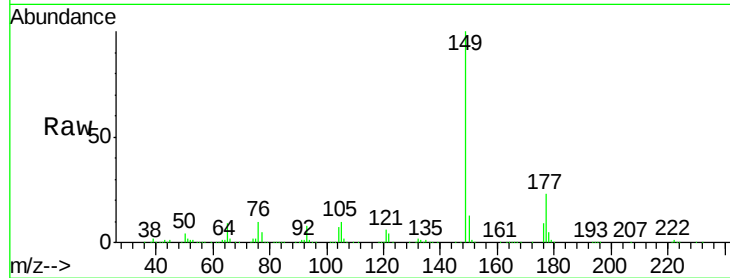
Tgt Ion:149 Resp: 760123

Ion Ratio Lower Upper

149 100

177 22.8 17.7 26.5

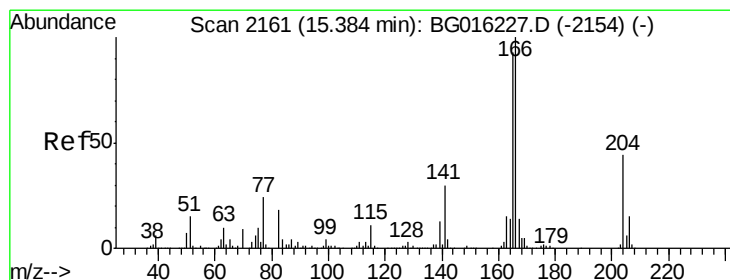
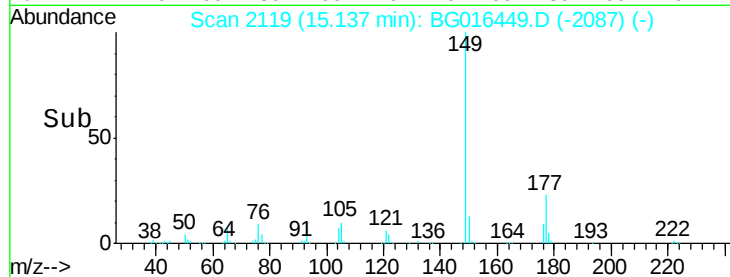
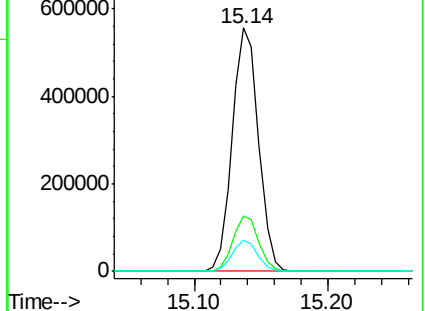
150 12.7 10.0 15.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 47.23 ng

RT: 15.35 min Scan# 2156

Delta R.T. -0.01 min

Lab File: BG016449.D

Acq: 16 Apr 2015 8:20

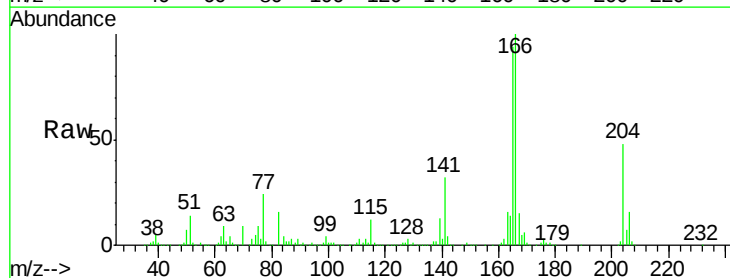
Tgt Ion:204 Resp: 322731

Ion Ratio Lower Upper

204 100

206 33.6 27.6 41.4

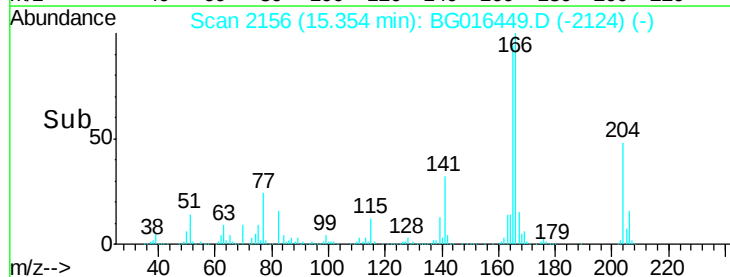
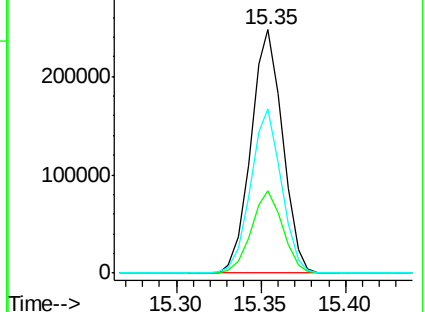
141 67.5 55.4 83.2

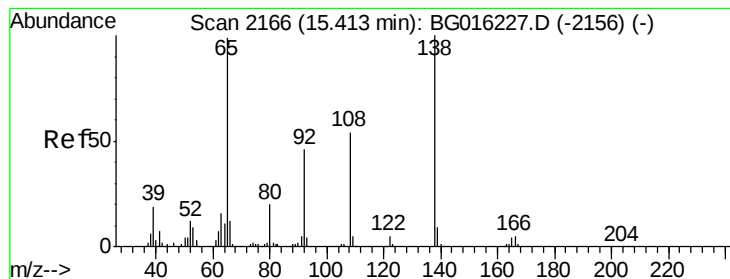


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 40.71 ng

RT: 15.39 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BG016449.D

Acq: 16 Apr 2015 8:20

Instrument :

BNA_G

ClientSampleId :

TE-MW-2-17MSD

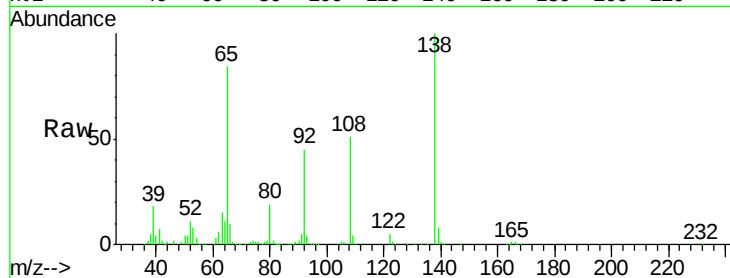
Tgt Ion:138 Resp: 229870

Ion Ratio Lower Upper

138 100

92 45.0 26.3 66.3

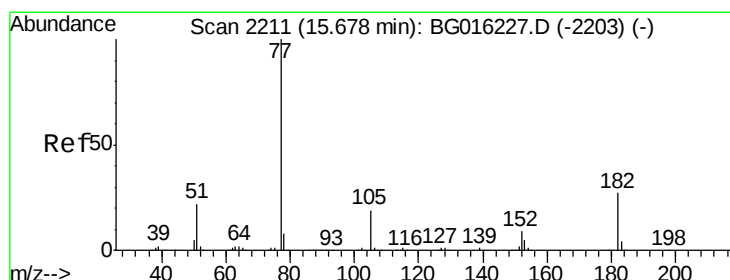
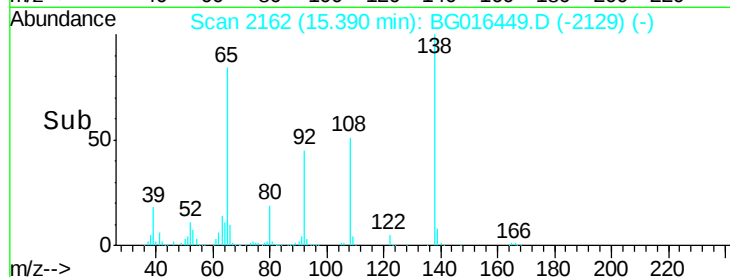
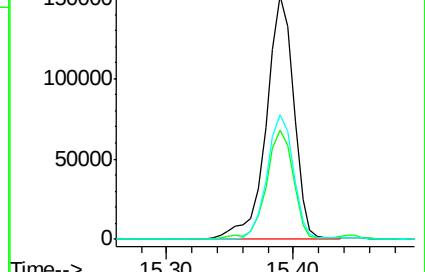
108 51.4 33.6 73.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 43.03 ng

RT: 15.65 min Scan# 2206

Delta R.T. -0.00 min

Lab File: BG016449.D

Acq: 16 Apr 2015 8:20

Tgt Ion: 77 Resp: 785065

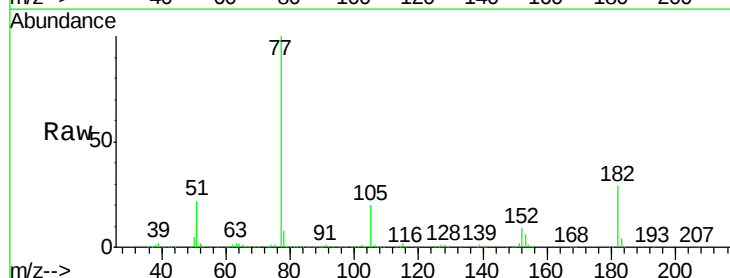
Ion Ratio Lower Upper

77 100

182 29.4 6.6 46.6

105 20.2 0.0 39.2

51 22.1 2.0 42.0

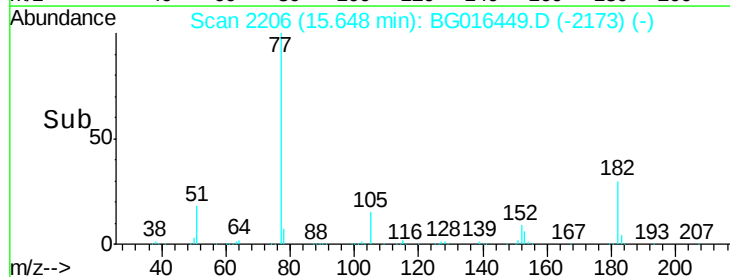
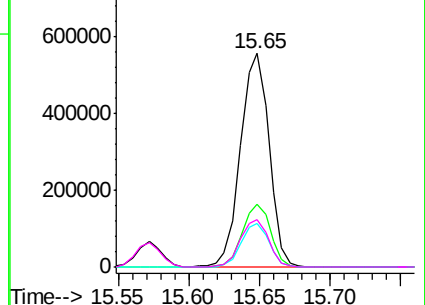


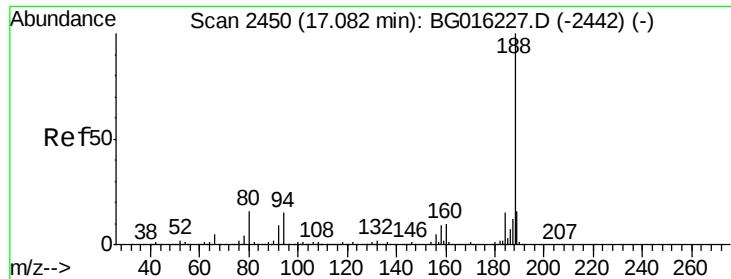
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC

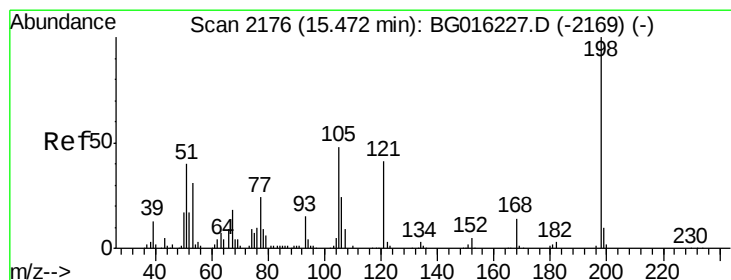
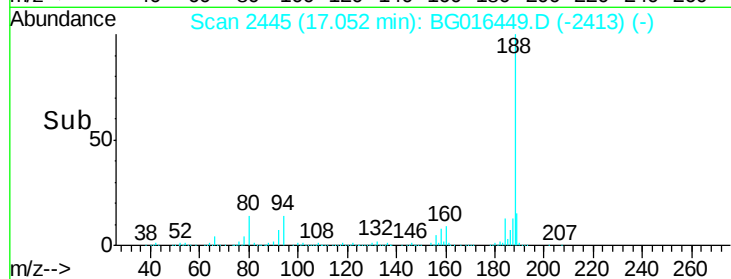
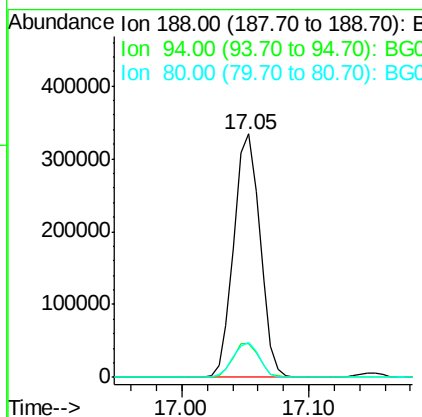
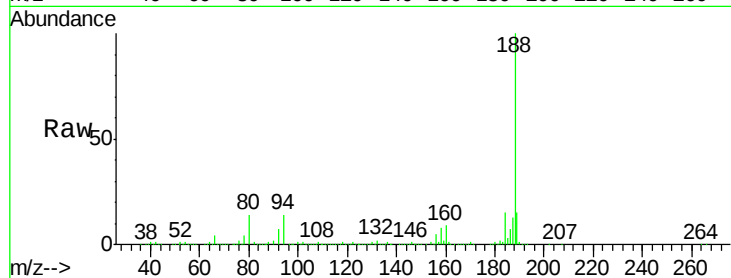




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.05 min Scan# 2445
Delta R.T. -0.01 min
Lab File: BG016449.D
Acq: 16 Apr 2015 8:20

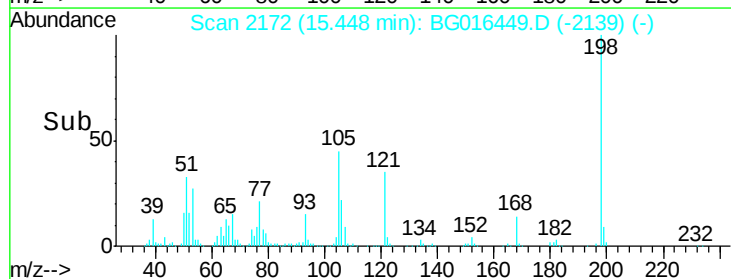
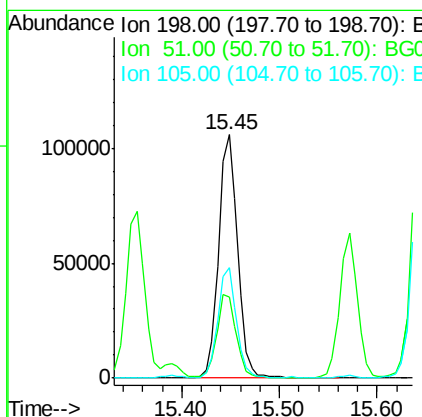
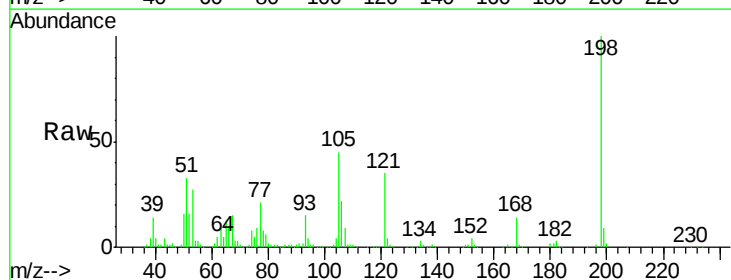
Instrument :
BNA_G
ClientSampleId :
TE-MW-2-17MSD

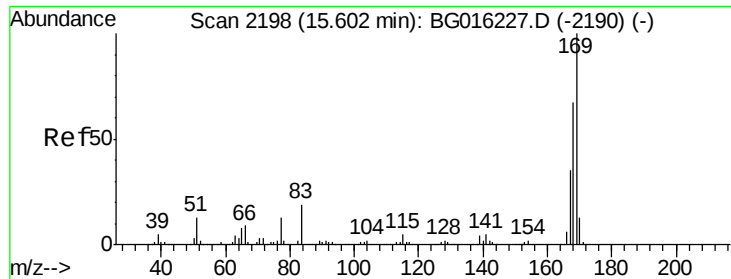
Tgt Ion:188 Resp: 479402
Ion Ratio Lower Upper
188 100
94 14.0 12.2 18.4
80 14.5 12.8 19.2



#64
4,6-Dinitro-2-methylphenol
Concen: 42.80 ng
RT: 15.45 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BG016449.D
Acq: 16 Apr 2015 8:20

Tgt Ion:198 Resp: 142875
Ion Ratio Lower Upper
198 100
51 33.4 20.7 60.7
105 45.3 28.8 68.8

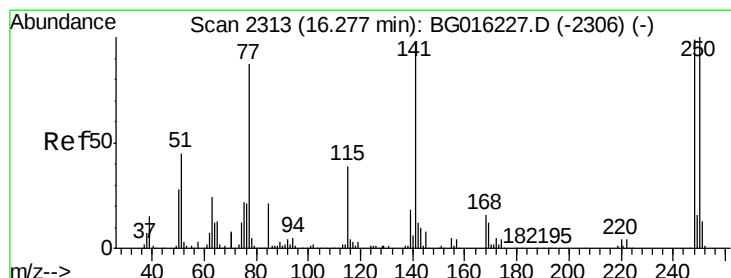
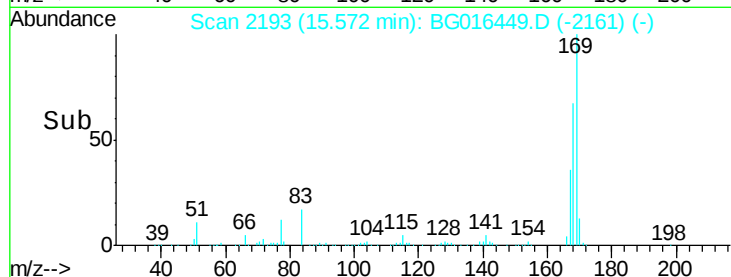
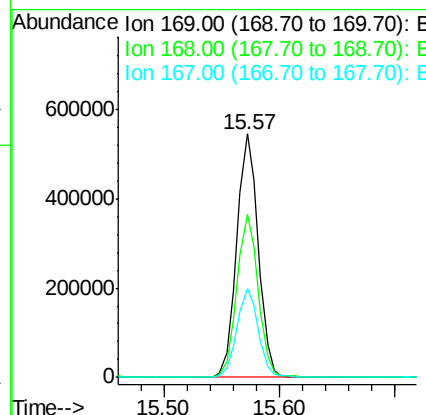
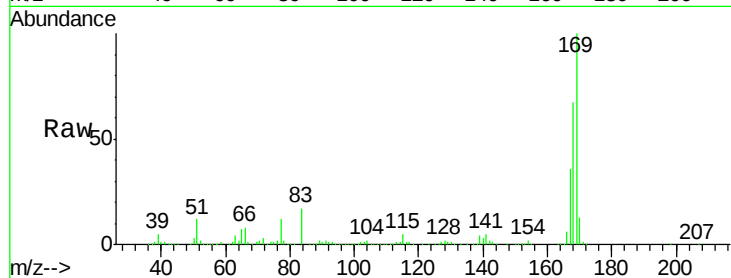




#65
n-Nitrosodiphenylamine
Concen: 43.19 ng
RT: 15.57 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BG016449.D
Acq: 16 Apr 2015 8:20

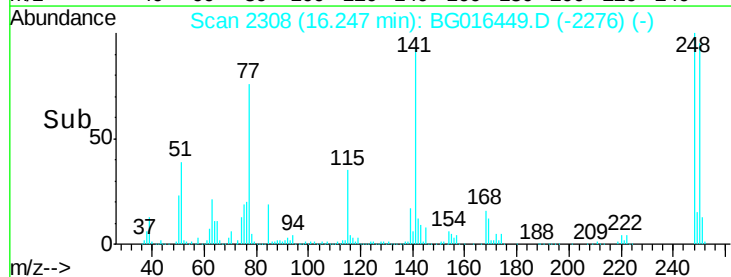
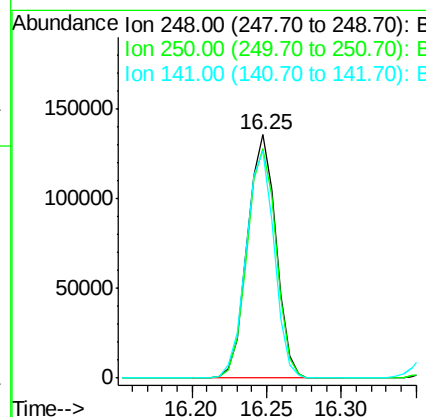
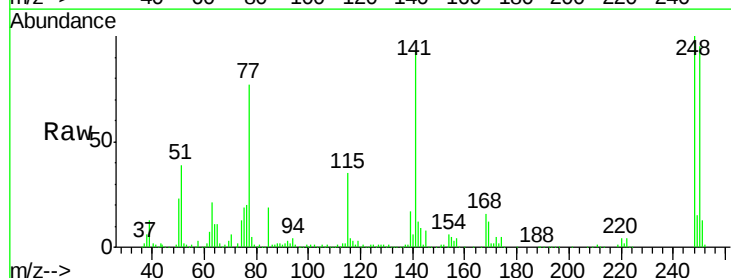
Instrument :
BNA_G
ClientSampleId :
TE-MW-2-17MSD

Tgt Ion:169 Resp: 699942
Ion Ratio Lower Upper
169 100
168 67.0 53.4 80.0
167 36.3 28.3 42.5



#66
4-Bromophenyl-phenylether
Concen: 46.69 ng
RT: 16.25 min Scan# 2308
Delta R.T. -0.01 min
Lab File: BG016449.D
Acq: 16 Apr 2015 8:20

Tgt Ion:248 Resp: 178702
Ion Ratio Lower Upper
248 100
250 94.5 80.5 120.7
141 93.3 78.2 117.4

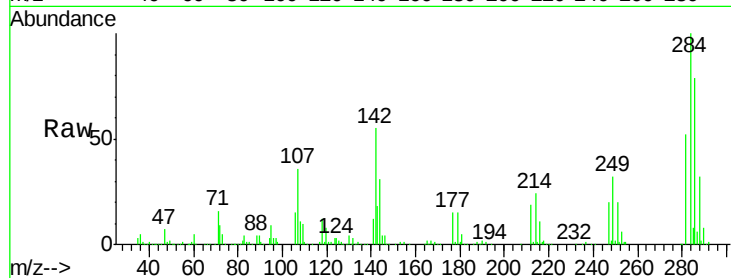




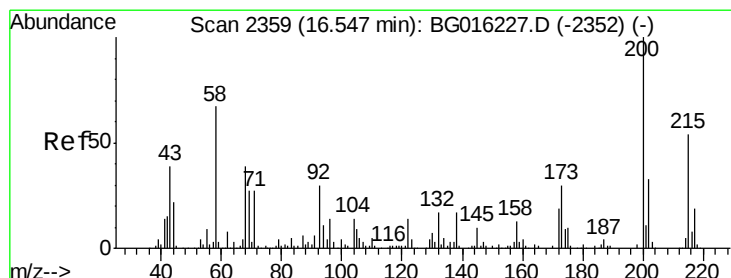
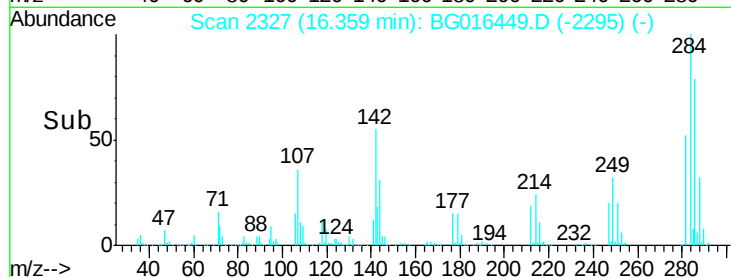
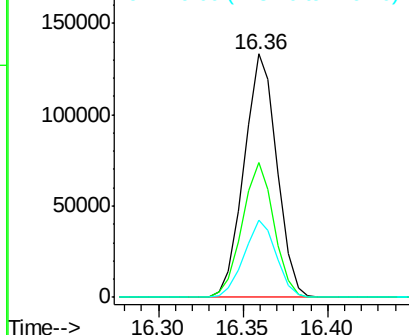
#67
Hexachlorobenzene
Concen: 45.19 ng
RT: 16.36 min Scan# 2327
Delta R.T. -0.01 min
Lab File: BG016449.D
Acq: 16 Apr 2015 8:20

Instrument :
BNA_G
ClientSampleId :
TE-MW-2-17MSD

Tgt Ion: 284 Resp: 179779
Ion Ratio Lower Upper
284 100
142 55.3 44.2 66.2
249 31.5 24.8 37.2

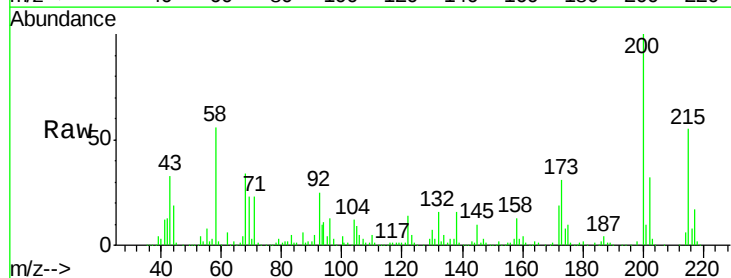


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

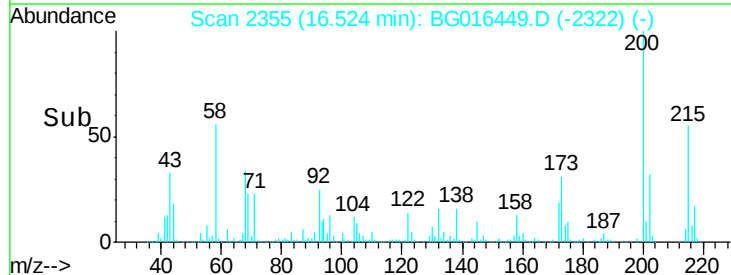
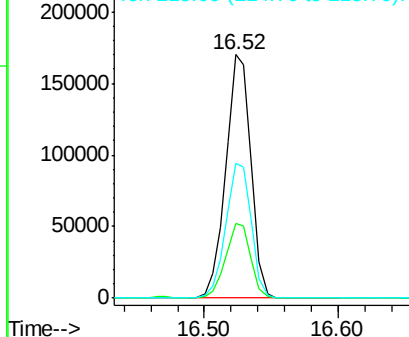


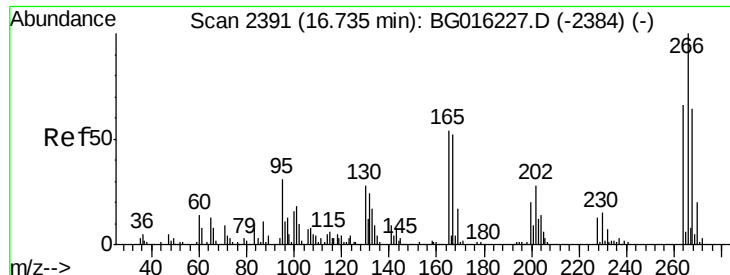
#68
Atrazine
Concen: 49.77 ng
RT: 16.52 min Scan# 2355
Delta R.T. -0.00 min
Lab File: BG016449.D
Acq: 16 Apr 2015 8:20

Tgt Ion: 200 Resp: 224818
Ion Ratio Lower Upper
200 100
173 30.5 10.2 50.2
215 55.3 34.4 74.4



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: 88.44 ng

RT: 16.71 min Scan# 2387

Delta R.T. -0.00 min

Lab File: BG016449.D

Acq: 16 Apr 2015 8:20

Instrument :

BNA_G

ClientSampleId :

TE-MW-2-17MSD

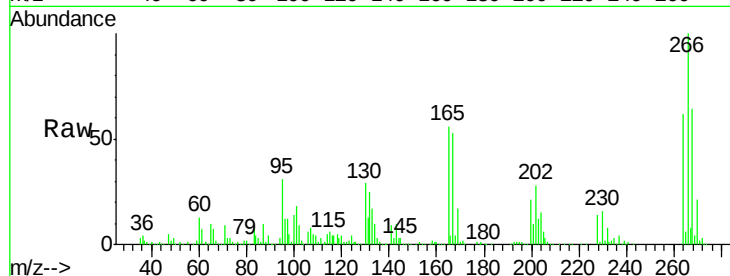
Tgt Ion:266 Resp: 214850

Ion Ratio Lower Upper

266 100

268 64.1 50.9 76.3

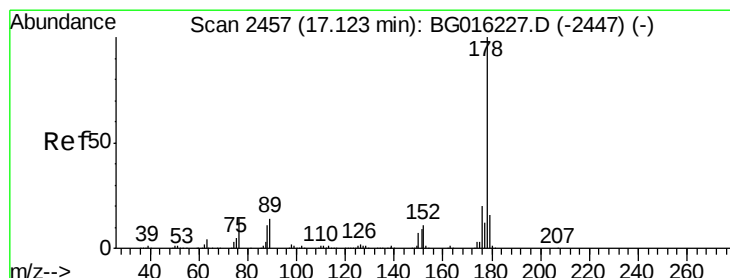
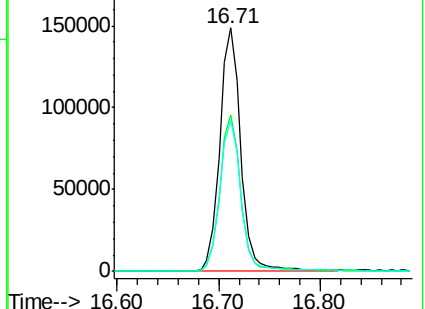
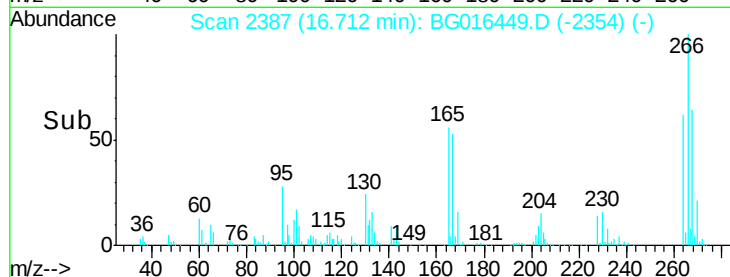
264 62.3 52.8 79.2



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: 43.59 ng

RT: 17.09 min Scan# 2452

Delta R.T. -0.01 min

Lab File: BG016449.D

Acq: 16 Apr 2015 8:20

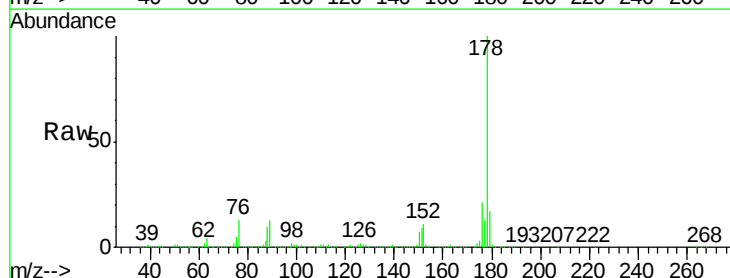
Tgt Ion:178 Resp: 1175441

Ion Ratio Lower Upper

178 100

176 21.2 16.2 24.4

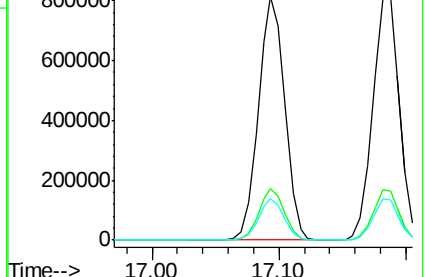
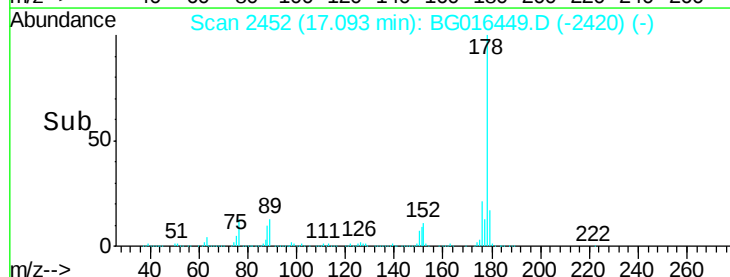
179 16.8 12.7 19.1

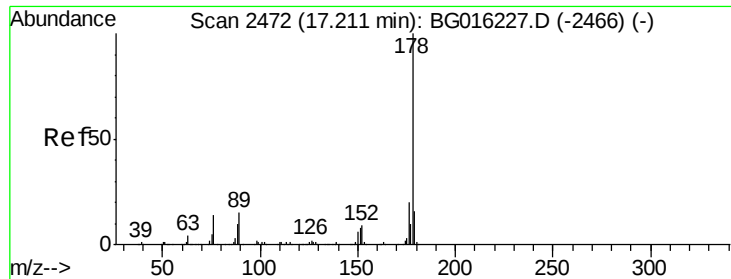


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 44.57 ng

RT: 17.18 min Scan# 2467

Delta R.T. -0.01 min

Lab File: BG016449.D

Acq: 16 Apr 2015 8:20

Instrument :

BNA_G

ClientSampleId :

TE-MW-2-17MSD

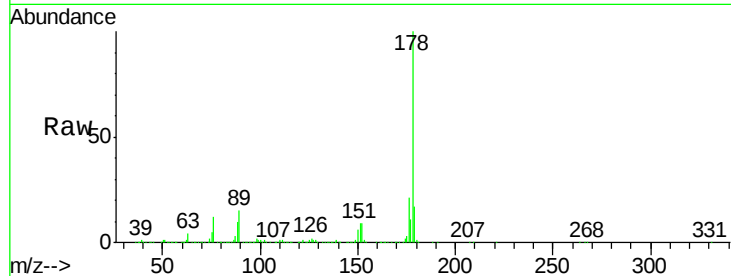
Tgt Ion:178 Resp: 1190931

Ion Ratio Lower Upper

178 100

176 20.5 15.9 23.9

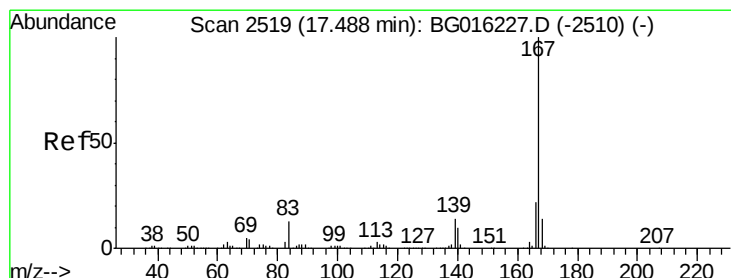
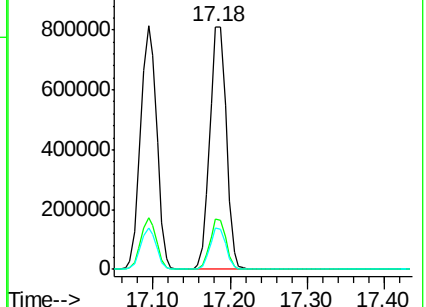
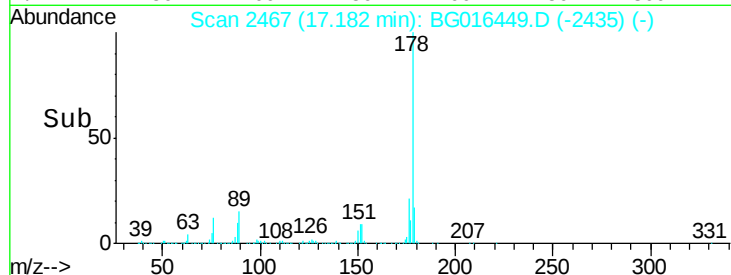
179 17.0 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 44.35 ng

RT: 17.46 min Scan# 2515

Delta R.T. -0.00 min

Lab File: BG016449.D

Acq: 16 Apr 2015 8:20

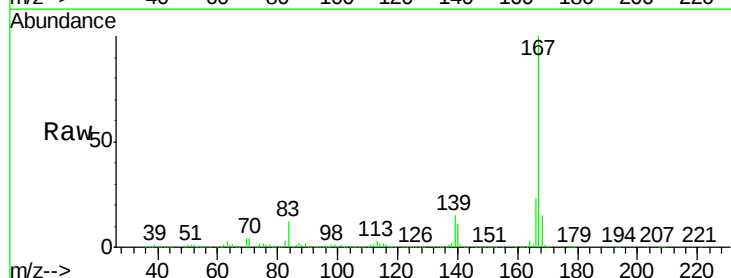
Tgt Ion:167 Resp: 1189287

Ion Ratio Lower Upper

167 100

166 23.4 17.9 26.9

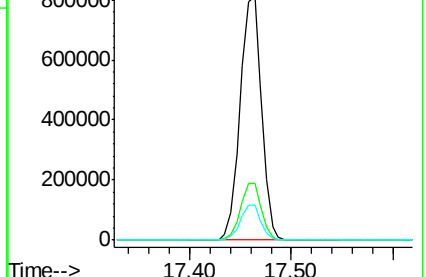
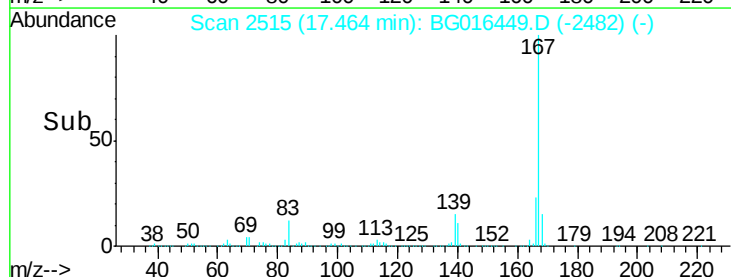
139 14.6 11.5 17.3

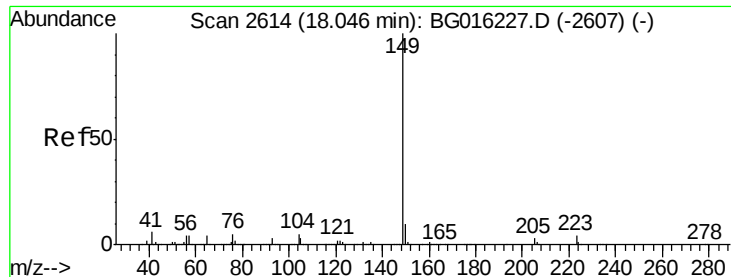


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 42.69 ng

RT: 18.02 min Scan# 2610

Delta R.T. -0.00 min

Lab File: BG016449.D

Acq: 16 Apr 2015 8:20

Instrument :

BNA_G

ClientSampleId :

TE-MW-2-17MSD

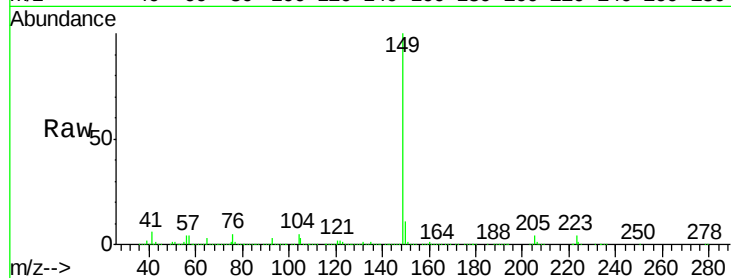
Tgt Ion:149 Resp: 1401122

Ion Ratio Lower Upper

149 100

150 10.7 8.2 12.4

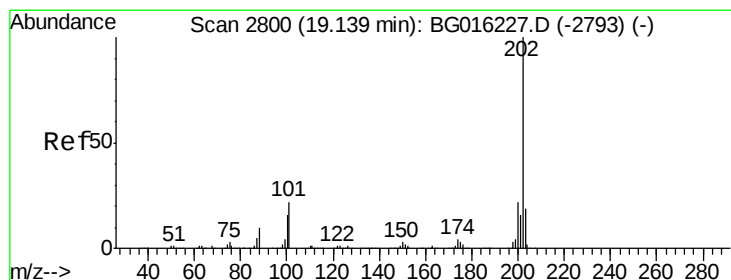
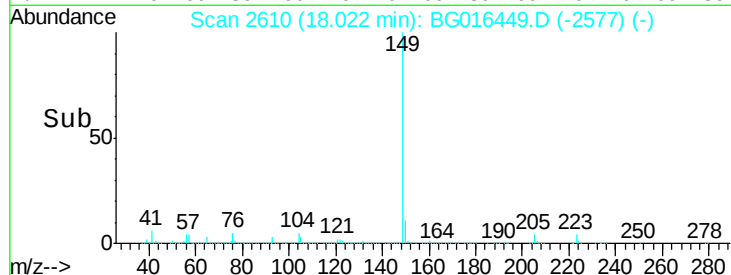
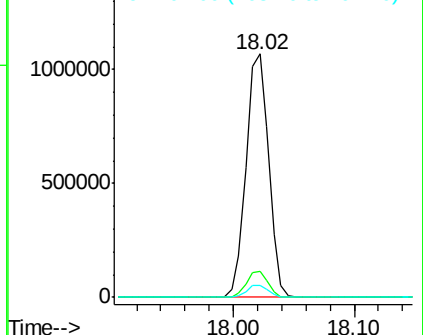
104 5.0 4.0 6.0



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: 42.46 ng

RT: 19.11 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BG016449.D

Acq: 16 Apr 2015 8:20

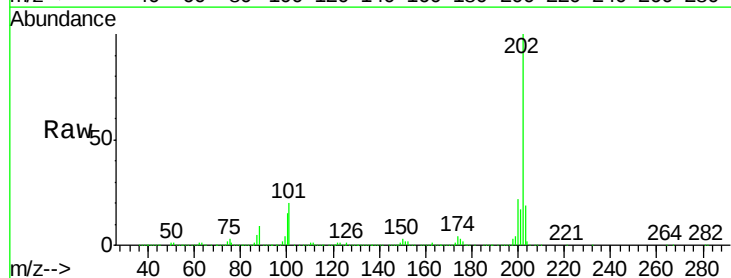
Tgt Ion:202 Resp: 1180085

Ion Ratio Lower Upper

202 100

101 20.0 1.7 41.7

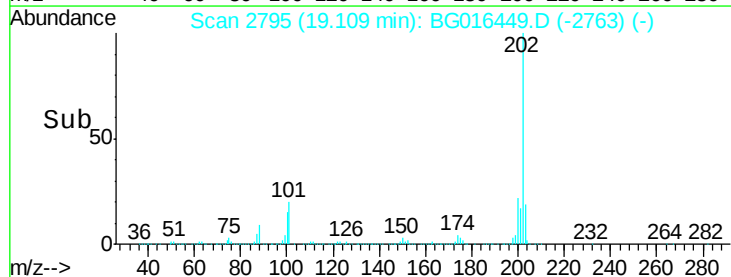
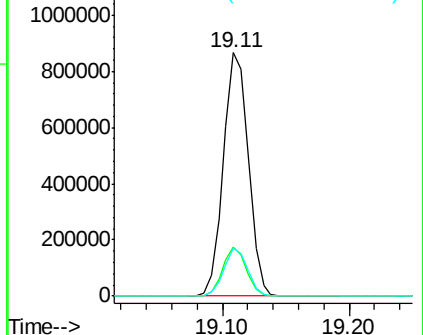
203 19.4 0.0 38.7

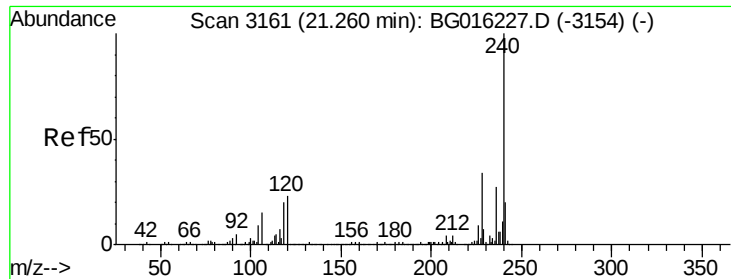


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.23 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BG016449.D

Acq: 16 Apr 2015 8:20

Instrument :

BNA_G

ClientSampleId :

TE-MW-2-17MSD

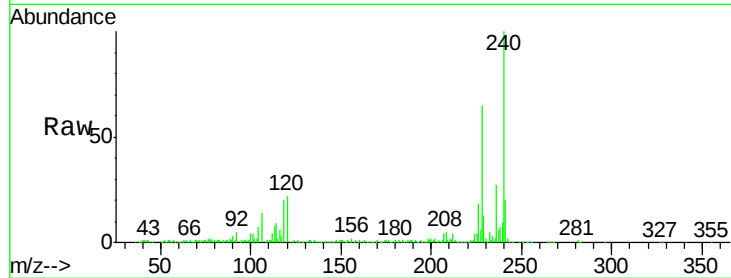
Tgt Ion:240 Resp: 384775

Ion Ratio Lower Upper

240 100

120 22.4 18.6 28.0

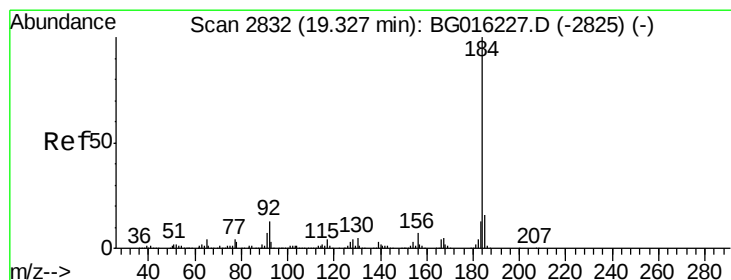
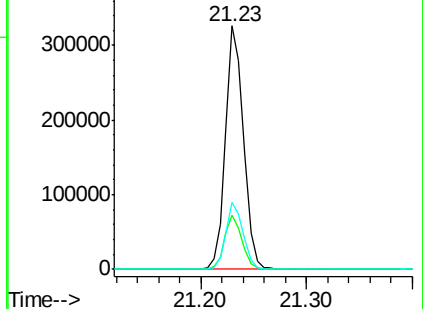
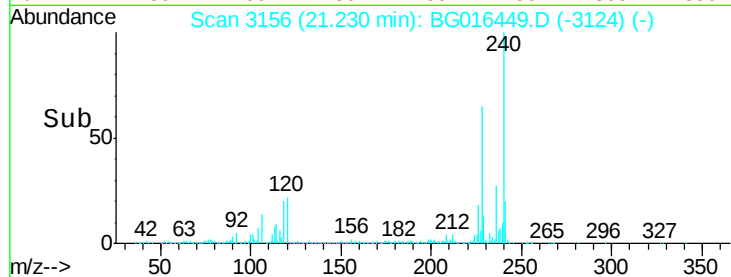
236 27.3 21.7 32.5



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: 20.13 ng

RT: 19.30 min Scan# 2828

Delta R.T. -0.00 min

Lab File: BG016449.D

Acq: 16 Apr 2015 8:20

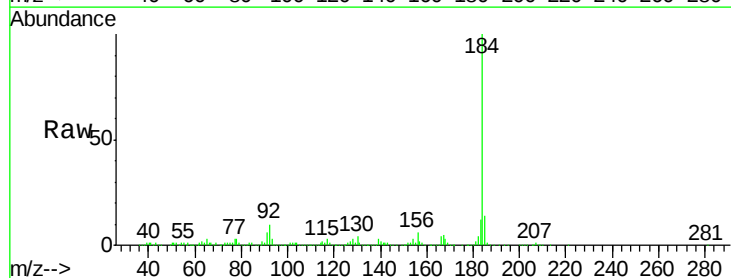
Tgt Ion:184 Resp: 328546

Ion Ratio Lower Upper

184 100

185 13.9 12.6 19.0

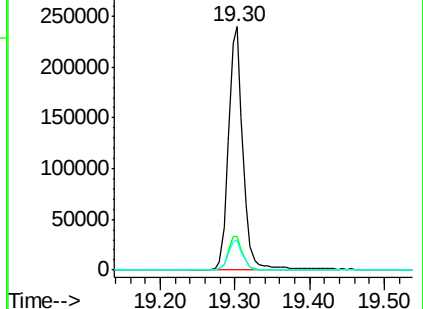
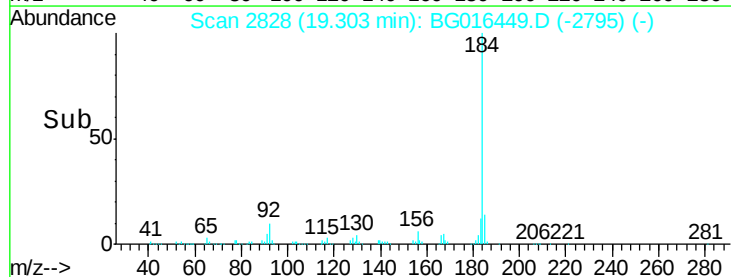
183 12.3 10.4 15.6

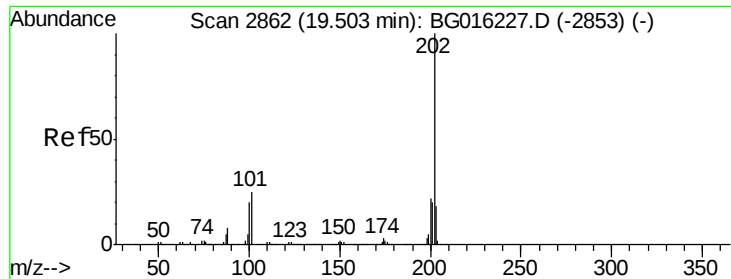


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 45.11 ng

RT: 19.47 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BG016449.D

Acq: 16 Apr 2015 8:20

Instrument :

BNA_G

ClientSampleId :

TE-MW-2-17MSD

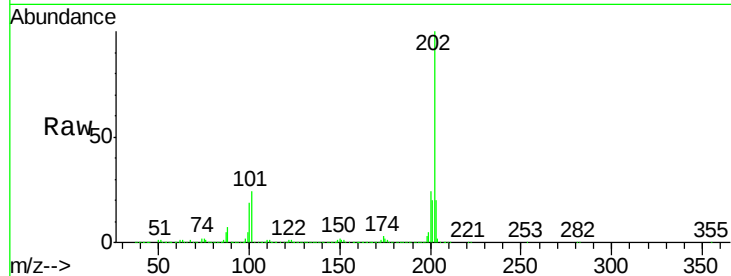
Tgt Ion:202 Resp: 1208641

Ion Ratio Lower Upper

202 100

200 23.5 17.8 26.8

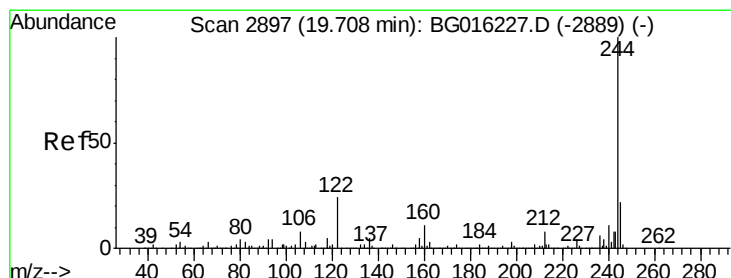
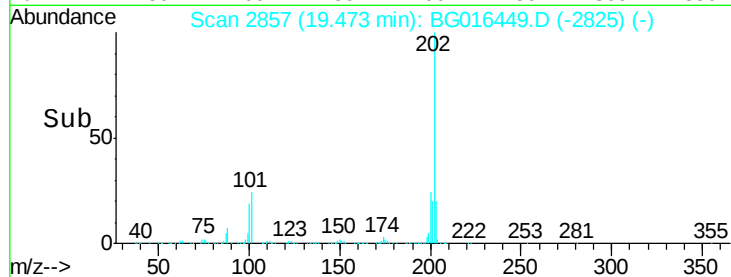
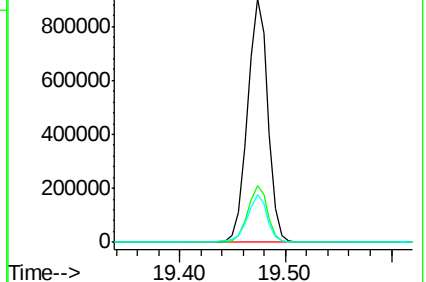
203 19.6 14.7 22.1



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: 77.20 ng

RT: 19.68 min Scan# 2892

Delta R.T. -0.01 min

Lab File: BG016449.D

Acq: 16 Apr 2015 8:20

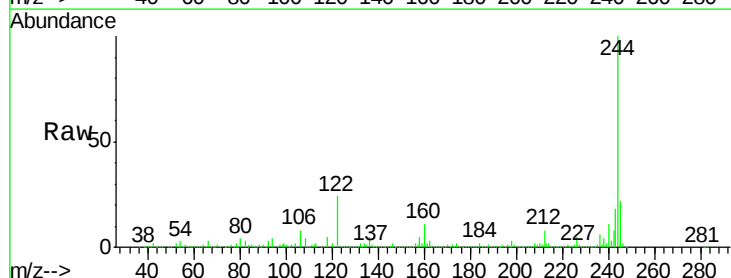
Tgt Ion:244 Resp: 1269245

Ion Ratio Lower Upper

244 100

212 8.3 6.6 9.8

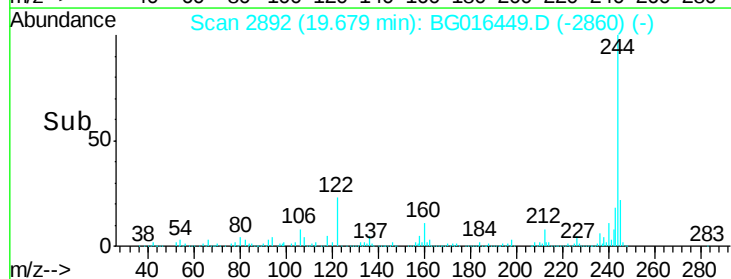
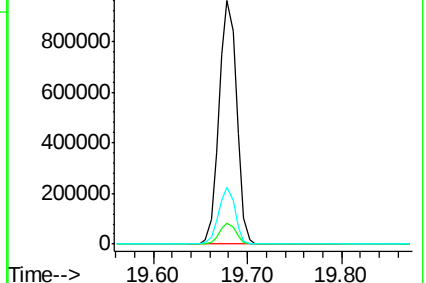
122 23.5 19.1 28.7

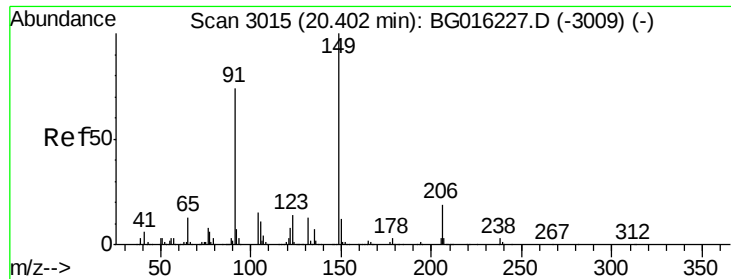


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

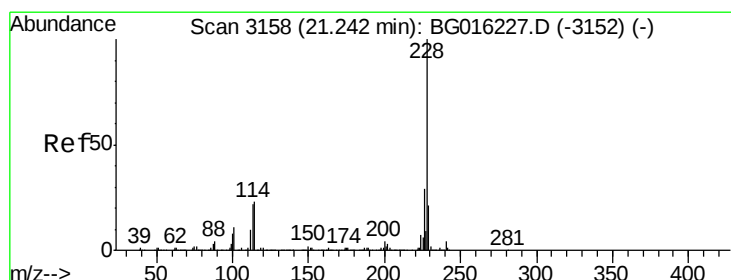
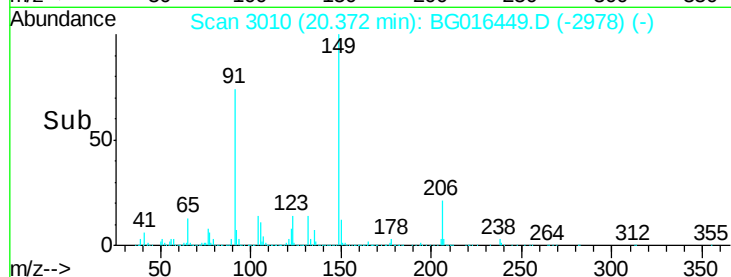
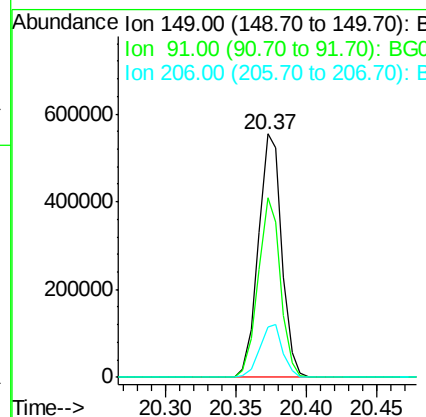
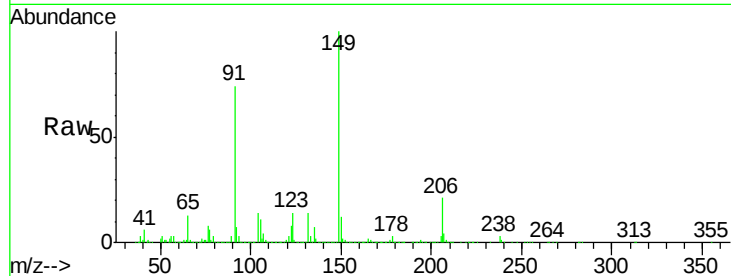




#79
Butylbenzylphthalate
Concen: 49.11 ng
RT: 20.37 min Scan# 3010
Delta R.T. -0.01 min
Lab File: BG016449.D
Acq: 16 Apr 2015 8:20

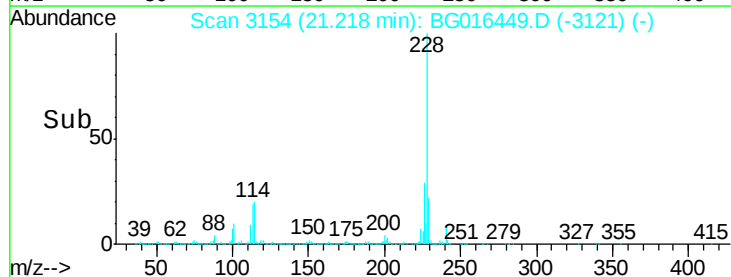
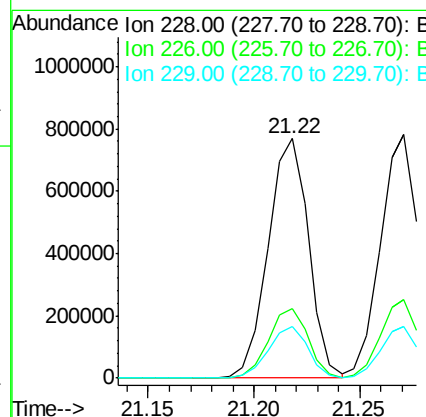
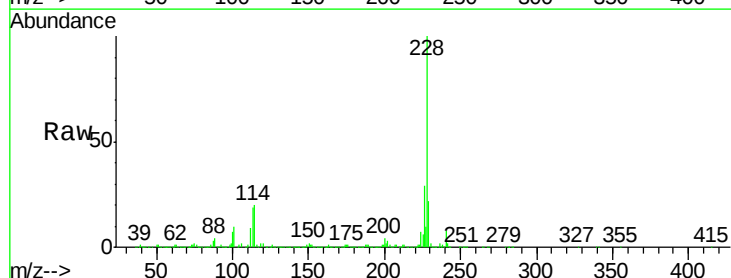
Instrument :
BNA_G
ClientSampleId :
TE-MW-2-17MSD

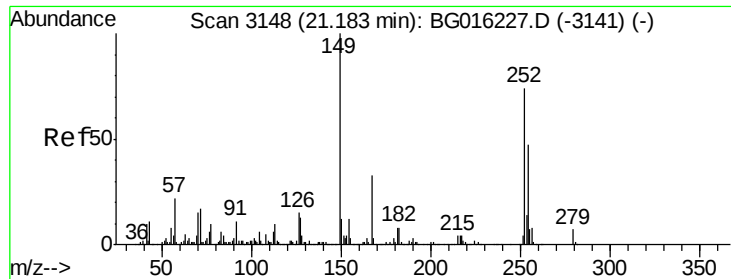
Tgt Ion:149 Resp: 646487
Ion Ratio Lower Upper
149 100
91 73.7 59.4 89.2
206 20.9 15.6 23.4



#80
Benzo(a)anthracene
Concen: 44.97 ng
RT: 21.22 min Scan# 3154
Delta R.T. -0.00 min
Lab File: BG016449.D
Acq: 16 Apr 2015 8:20

Tgt Ion:228 Resp: 1022625
Ion Ratio Lower Upper
228 100
226 29.2 23.5 35.3
229 21.5 16.8 25.2

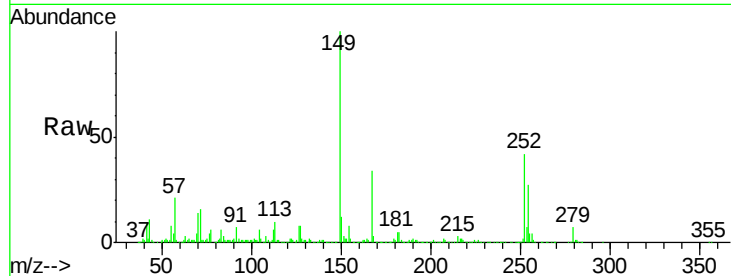




#81
 3,3'-Dichlorobenzidine
 Concen: 31.11 ng
 RT: 21.15 min Scan# 3143
 Delta R.T. -0.00 min
 Lab File: BG016449.D
 Acq: 16 Apr 2015 8:20

Instrument :
 BNA_G
 ClientSampleId :
 TE-MW-2-17MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.6	50.8	76.2
126	20.1	16.0	24.0

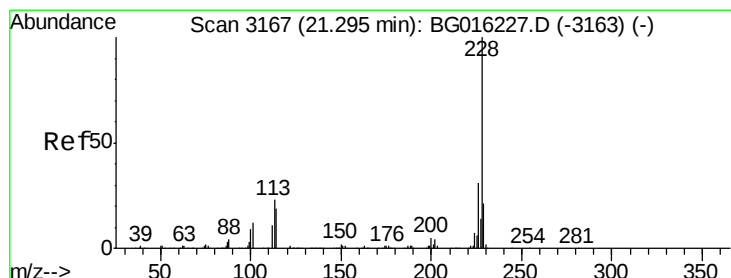
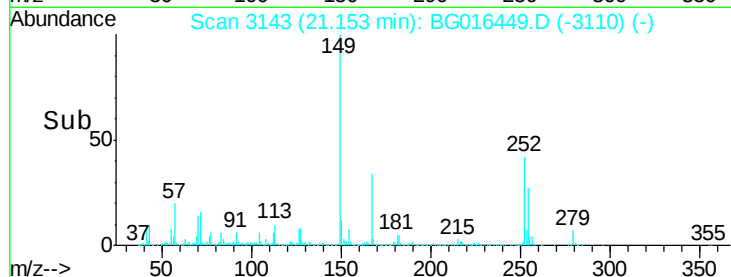
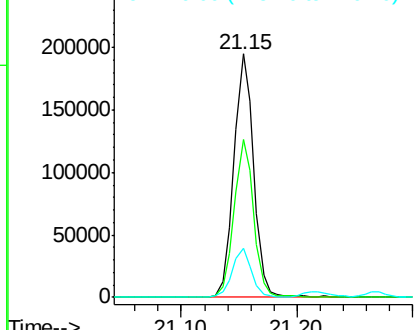


Abundance

Ion 252.00 (251.70 to 252.70): E

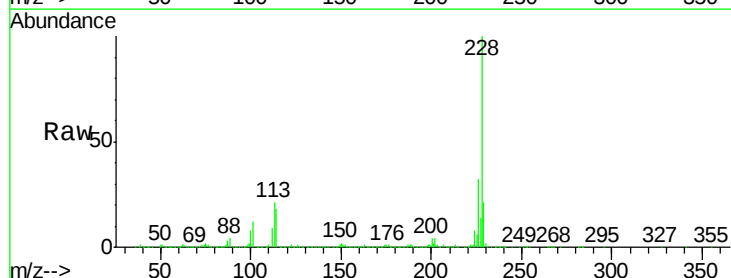
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82
 Chrysene
 Concen: 44.46 ng
 RT: 21.27 min Scan# 3163
 Delta R.T. -0.00 min
 Lab File: BG016449.D
 Acq: 16 Apr 2015 8:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.3	25.0	37.4
229	21.2	17.0	25.4

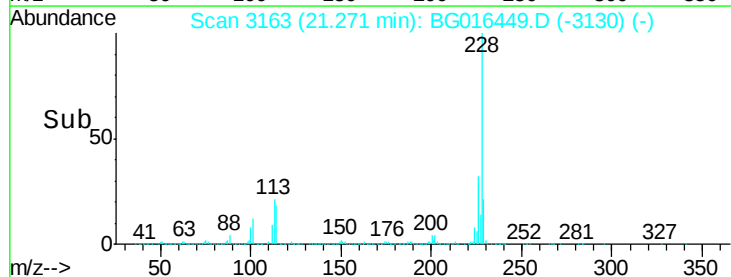
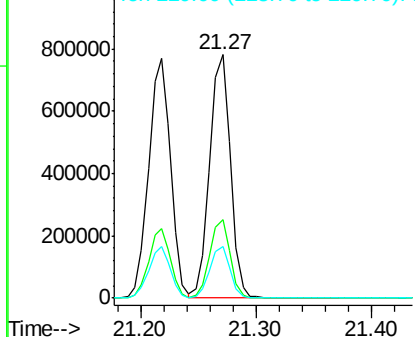


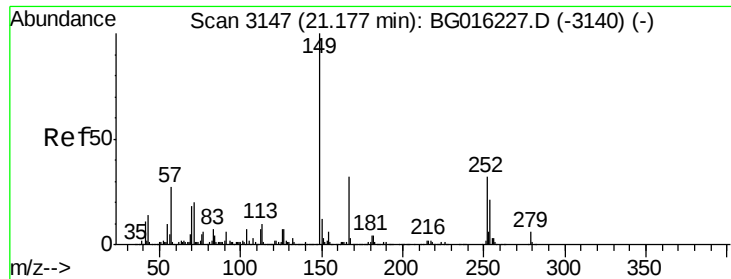
Abundance

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: 49.31 ng

RT: 21.15 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG016449.D

Acq: 16 Apr 2015 8:20

Instrument :

BNA_G

ClientSampleId :

TE-MW-2-17MSD

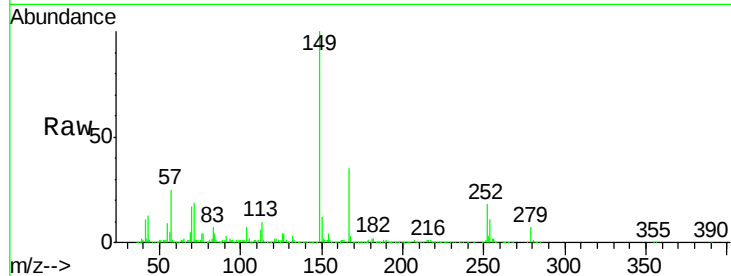
Tgt Ion:149 Resp: 878765

Ion Ratio Lower Upper

149 100

167 35.0 25.8 38.6

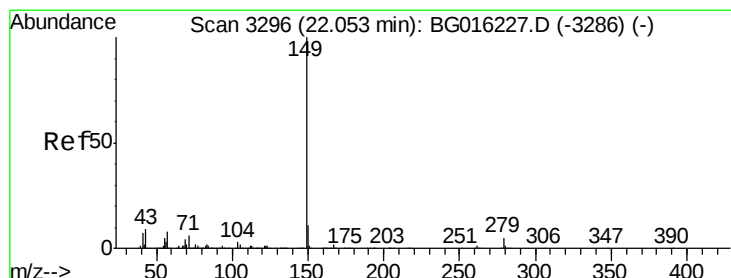
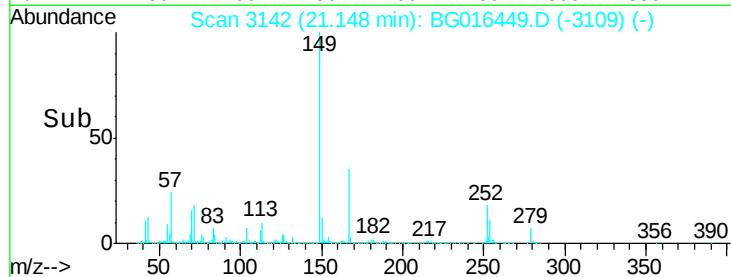
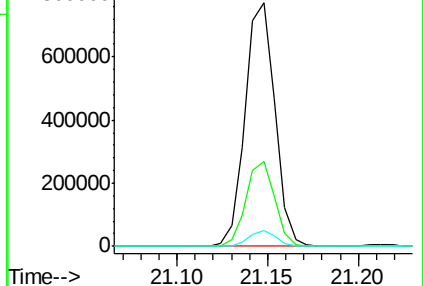
279 6.7 4.7 7.1



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: 49.68 ng

RT: 22.02 min Scan# 3290

Delta R.T. -0.00 min

Lab File: BG016449.D

Acq: 16 Apr 2015 8:20

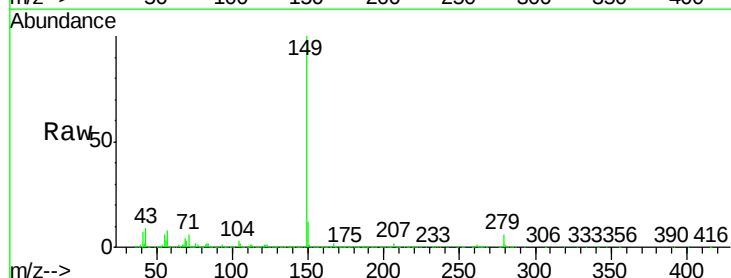
Tgt Ion:149 Resp: 1442248

Ion Ratio Lower Upper

149 100

167 1.9 1.3 1.9

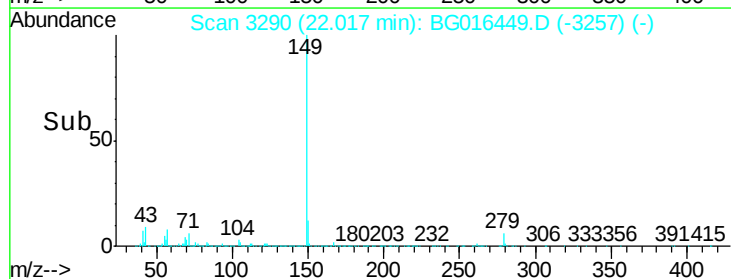
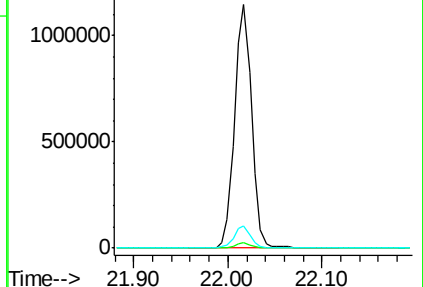
43 8.3 7.0 10.4

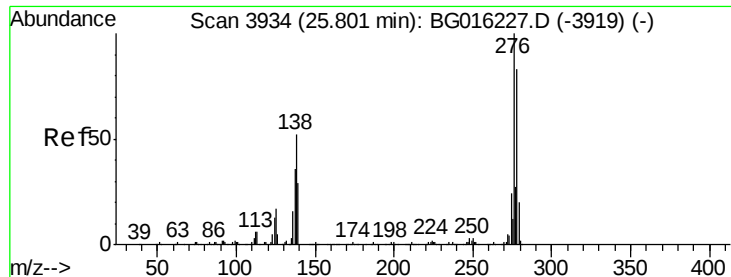


Abundance Ion 149.00 (148.70 to 149.70): E

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: 47.92 ng

RT: 25.74 min Scan# 3923

Delta R.T. -0.01 min

Lab File: BG016449.D

Acq: 16 Apr 2015 8:20

Instrument :

BNA_G

ClientSampleId :

TE-MW-2-17MSD

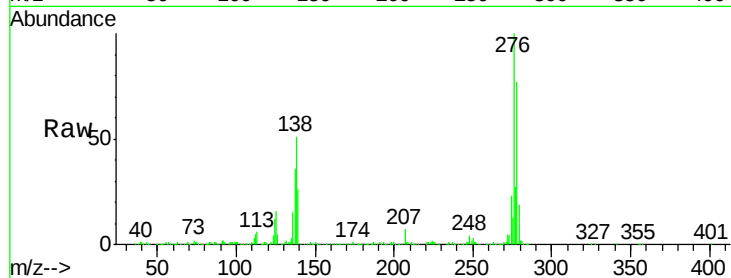
Tgt Ion:276 Resp: 1092881

Ion Ratio Lower Upper

276 100

138 49.9 41.5 62.3

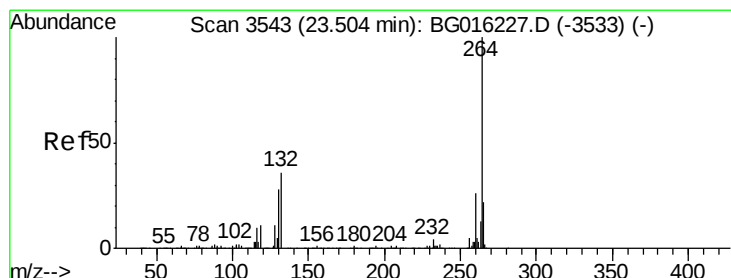
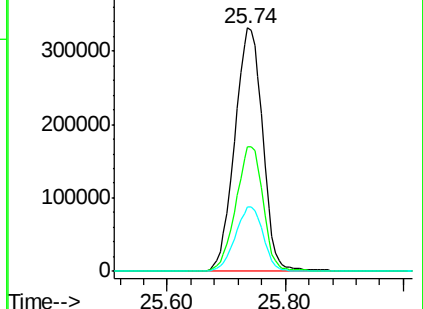
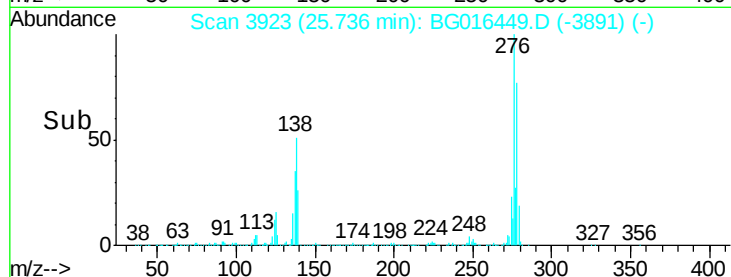
277 26.5 21.0 31.6



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: 23.46 min Scan# 3536

Delta R.T. -0.00 min

Lab File: BG016449.D

Acq: 16 Apr 2015 8:20

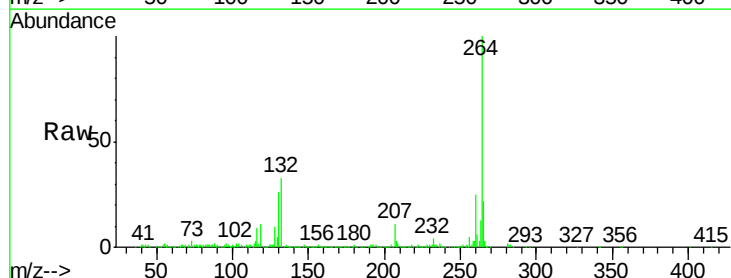
Tgt Ion:264 Resp: 363853

Ion Ratio Lower Upper

264 100

260 25.0 20.4 30.6

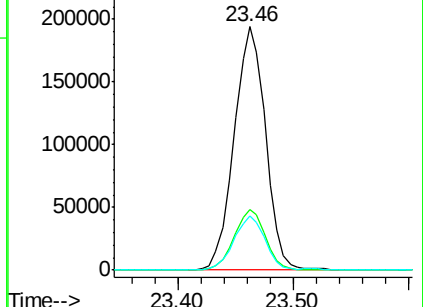
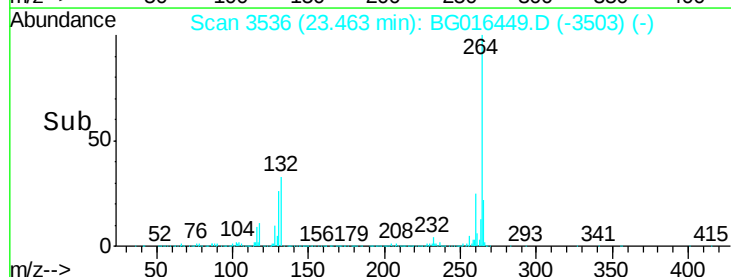
265 22.0 17.2 25.8

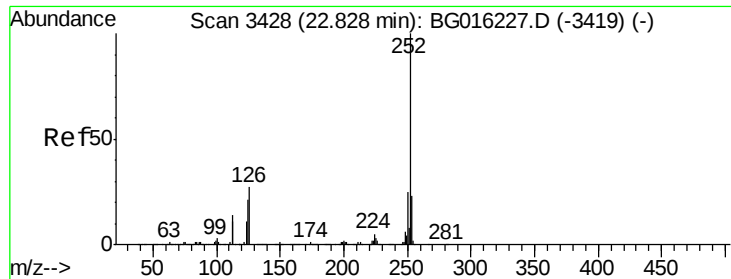


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 46.11 ng

RT: 22.79 min Scan# 3422

Delta R.T. -0.00 min

Lab File: BG016449.D

Acq: 16 Apr 2015 8:20

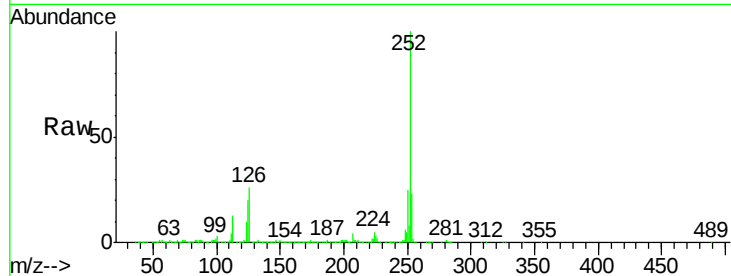
Instrument :

BNA_G

ClientSampleId :

TE-MW-2-17MSD

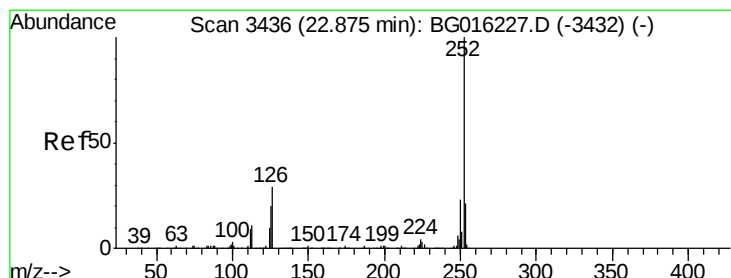
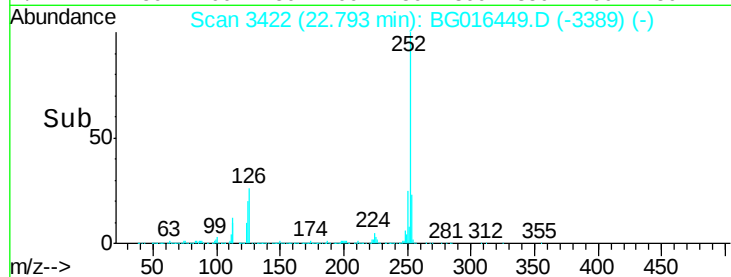
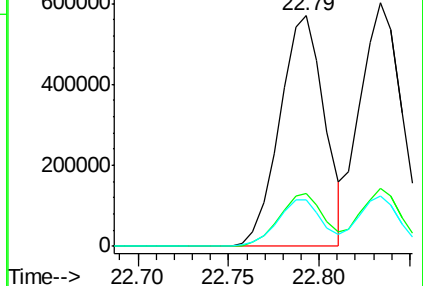
Tgt Ion:	252	Resp:	982525
Ion Ratio	Lower	Upper	
252	100		
253	23.0	18.5	27.7
125	20.1	17.0	25.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 46.24 ng

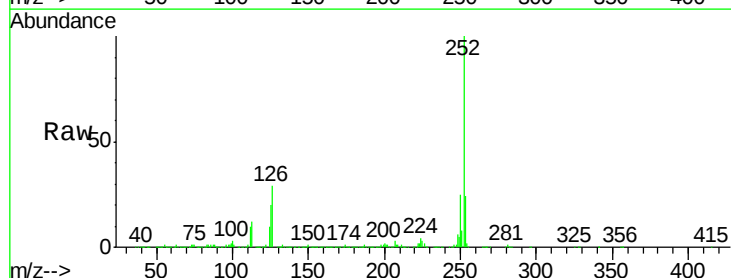
RT: 22.83 min Scan# 3429

Delta R.T. -0.00 min

Lab File: BG016449.D

Acq: 16 Apr 2015 8:20

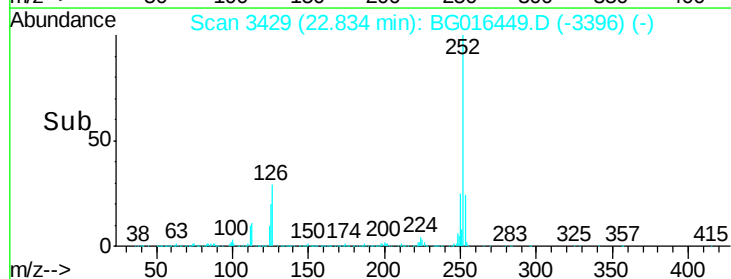
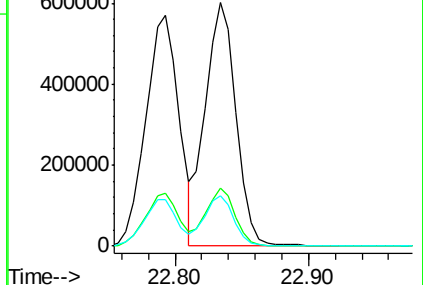
Tgt Ion:	252	Resp:	964380
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.5	26.3
125	20.5	16.3	24.5

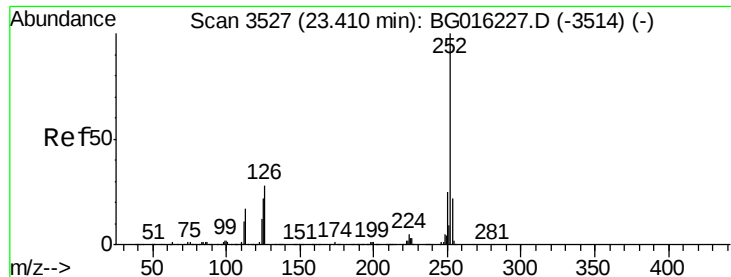


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 47.67 ng

RT: 23.37 min Scan# 3520

Delta R.T. -0.00 min

Lab File: BG016449.D

Acq: 16 Apr 2015 8:20

Instrument :

BNA_G

ClientSampleId :

TE-MW-2-17MSD

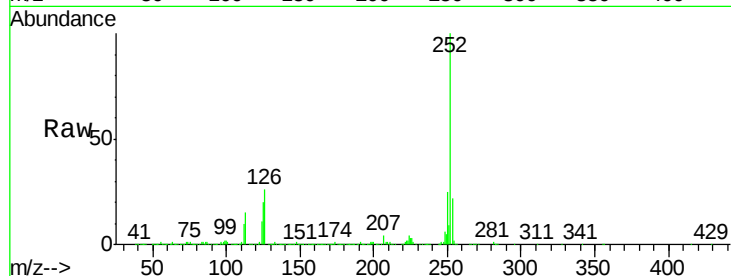
Tgt Ion: 252 Resp: 952054

Ion Ratio Lower Upper

252 100

253 22.4 17.6 26.4

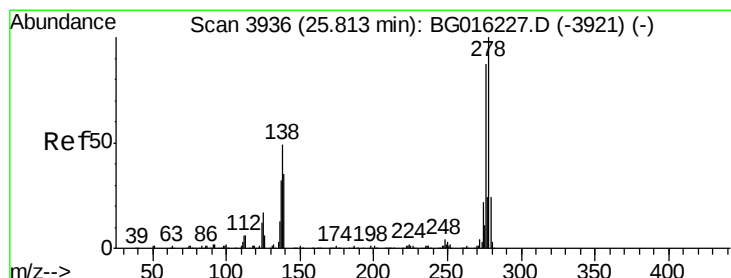
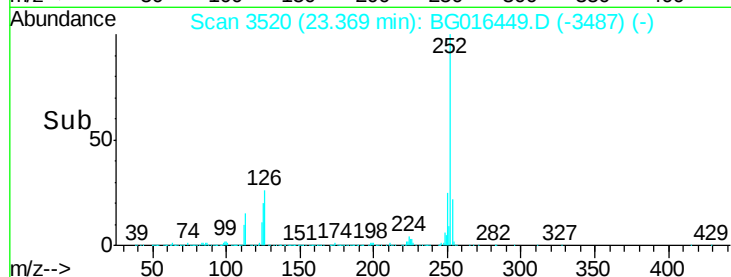
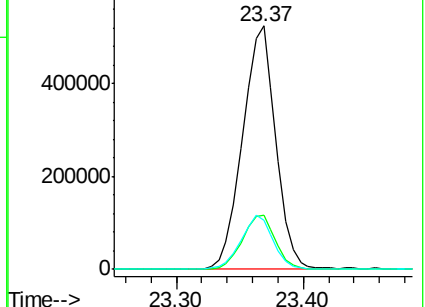
125 20.3 17.6 26.4



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: 47.43 ng

RT: 25.75 min Scan# 3925

Delta R.T. -0.01 min

Lab File: BG016449.D

Acq: 16 Apr 2015 8:20

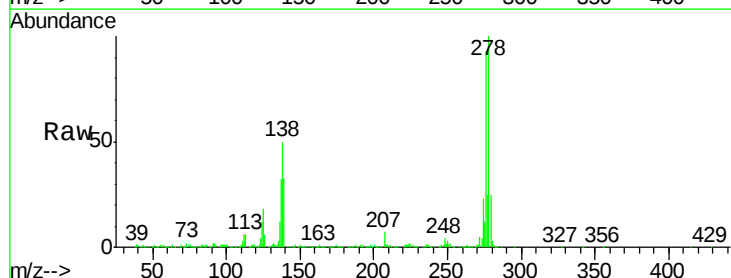
Tgt Ion: 278 Resp: 921779

Ion Ratio Lower Upper

278 100

139 33.3 27.9 41.9

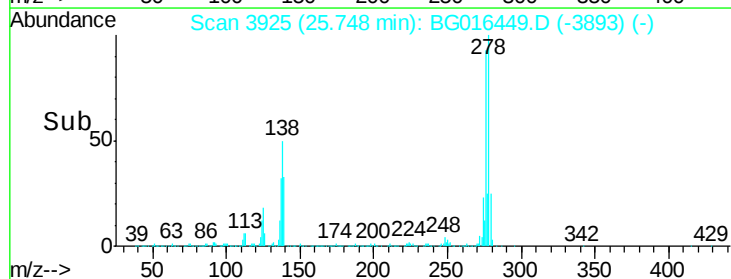
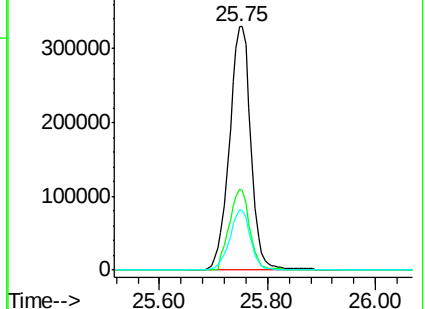
279 24.7 19.5 29.3

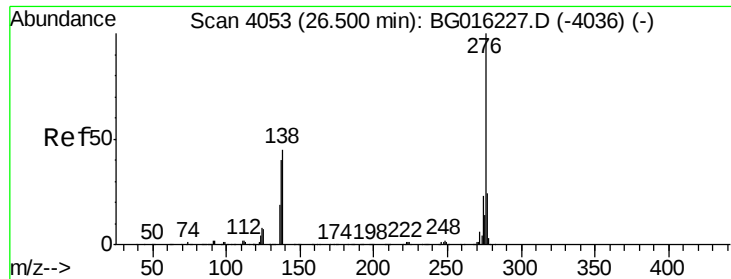


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(g,h,i)perylene
 Concen: 48.20 ng
 RT: 26.44 min Scan# 4043
 Delta R.T. -0.00 min
 Lab File: BG016449.D
 Acq: 16 Apr 2015 8:20

Instrument :
 BNA_G
 ClientSampleId :
 TE-MW-2-17MSD

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.5	29.3
138	42.7	35.7	53.5

