

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061416\
 Data File : BG022362.D
 Acq On : 15 Jun 2016 10:02
 Operator : UM/SJ
 Sample : H3574-09
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-02

Quant Time: Jun 15 14:06:53 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 17:40:23 2016
 Response via : Initial Calibration

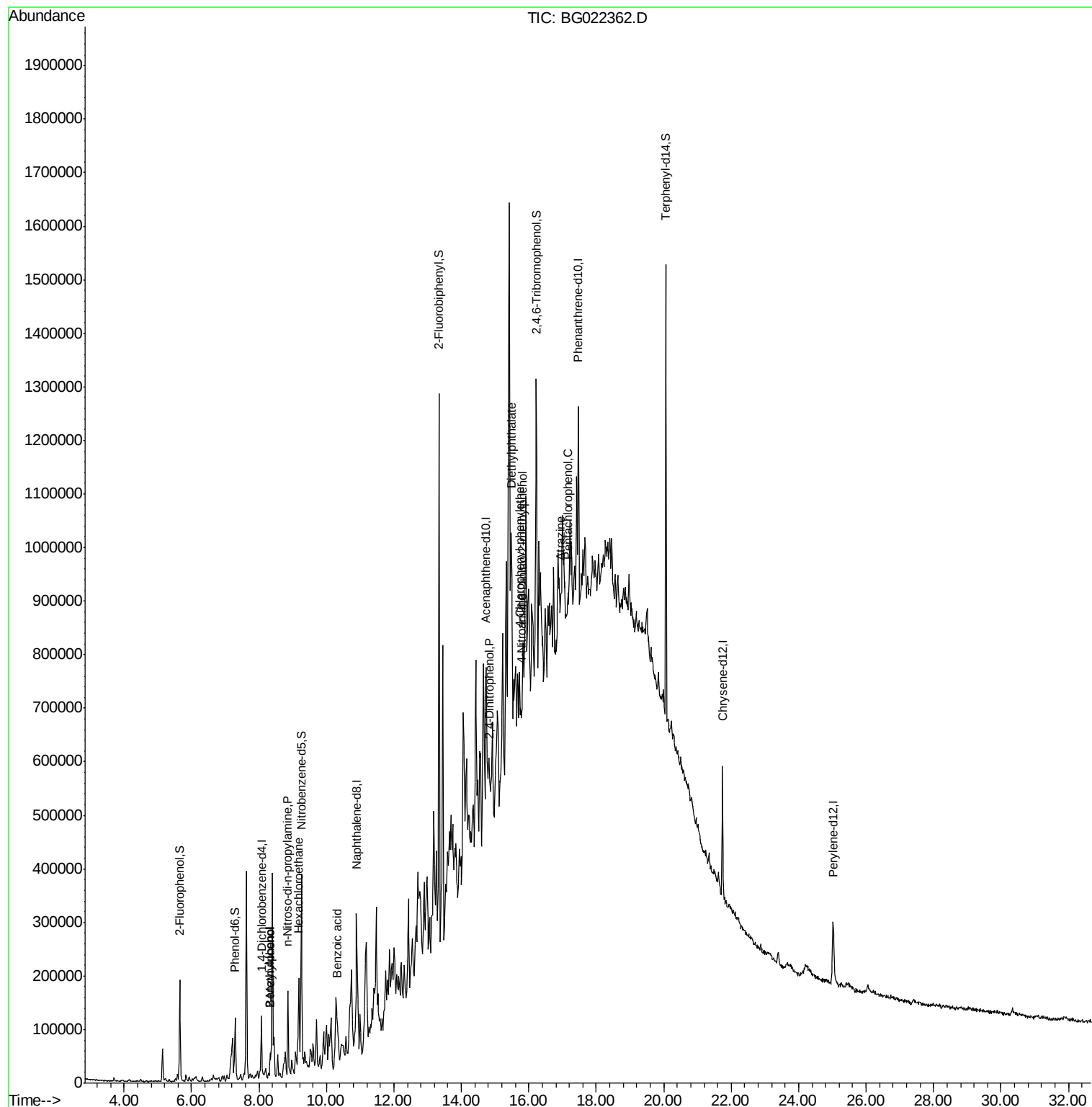
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	38338	20.00	ng	-0.02
21) Naphthalene-d8	10.89	136	196971	20.00	ng	-0.01
38) Acenaphthene-d10	14.72	164	108157	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	186803	20.00	ng	0.00
75) Chrysene-d12	21.74	240	151622	20.00	ng	0.00
86) Perylene-d12	25.02	264	143893	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	118940	59.98	ng	0.02
7) Phenol-d6	7.29	99	106789	34.25	ng	0.04
23) Nitrobenzene-d5	9.25	82	225869	79.95	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	105408	86.25	ng	0.01
44) 2-Fluorobiphenyl	13.34	172	526562	74.19	ng	0.00
78) Terphenyl-d14	20.07	244	385141	60.31	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.33	79	11365	5.64	ng	91
17) 2-Methylphenol	8.34	107	9005	3.75	ng	# 21
18) Hexachloroethane	9.18	117	23374	21.87	ng	# 1
19) n-Nitroso-di-n-propylamine	8.85	70	13161	6.24	ng	# 57
32) Benzoic acid	10.33	122	13932	22.23	ng	96
53) 2,4-Dinitrophenol	14.85	184	165	11.10	ng	# 1
59) Diethylphthalate	15.48	149	24767	2.59	ng	# 47
60) 4-Chlorophenyl-phenylether	15.72	204	15568	3.90	ng	# 73
61) 4-Nitroaniline	15.79	138	9023	3.93	ng	94
64) 4,6-Dinitro-2-methylphenol	15.81	198	474	5.92	ng	# 1
68) Atrazine	16.93	200	4396	2.21	ng	# 1
69) Pentachlorophenol	17.15	266	909	7.68	ng	91

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

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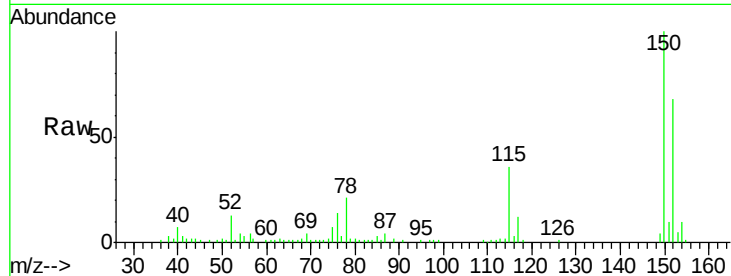


#1

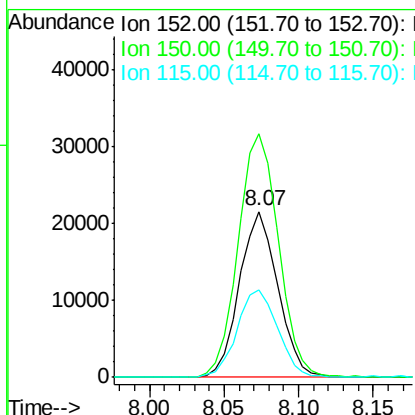
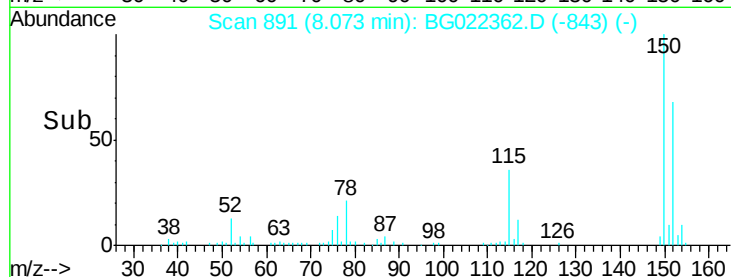
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.07 min Scan# 891
Delta R.T. -0.02 min
Lab File: BG022362.D
Acq: 15 Jun 2016 10:02

Instrument :
BNA_G
ClientSampled :
W-02

Tot Ion:152 Resp: 38338
Ion Ratio Lower Upper
152 100
150 146.9 130.1 195.1
115 52.8 62.2 93.2#



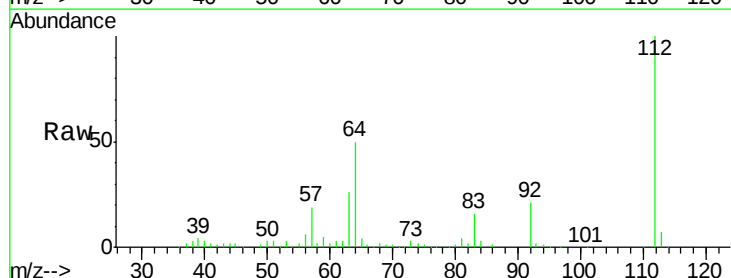
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



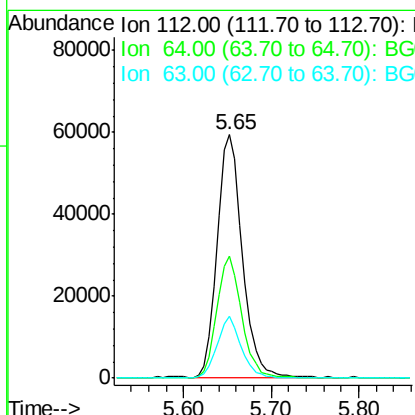
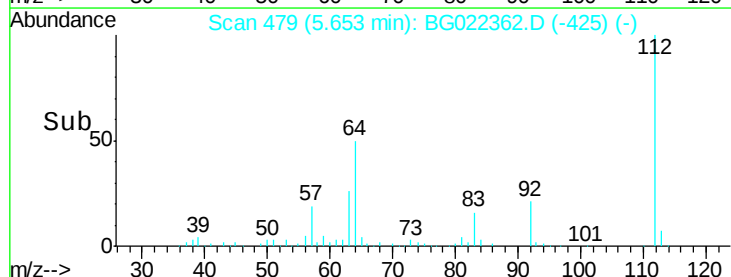
#5

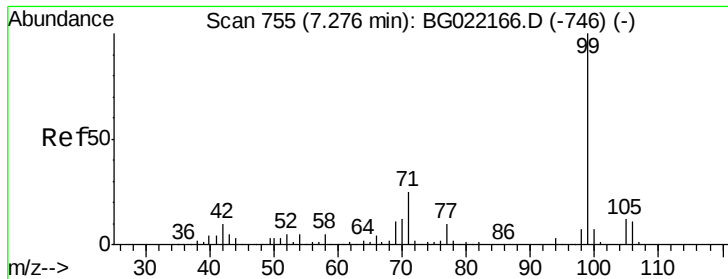
2-Fluorophenol
Concen: 59.98 ng
RT: 5.65 min Scan# 479
Delta R.T. 0.02 min
Lab File: BG022362.D
Acq: 15 Jun 2016 10:02

Tgt Ion:112 Resp: 118940
Ion Ratio Lower Upper
112 100
64 49.9 51.1 76.7#
63 25.6 24.6 37.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 34.25 ng

RT: 7.29 min Scan# 758

Delta R.T. 0.04 min

Lab File: BG022362.D

Acq: 15 Jun 2016 10:02

Instrument :

BNA_G

ClientSampleId :

W-02

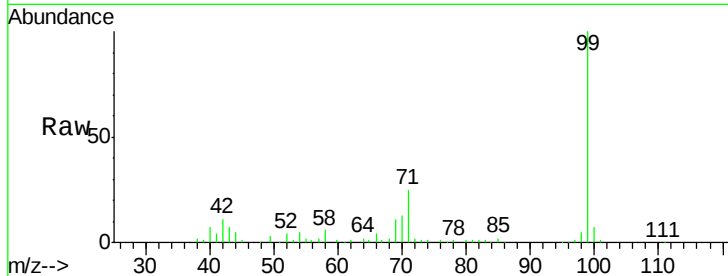
Tot Ion: 99 Resp: 106789

Ion Ratio Lower Upper

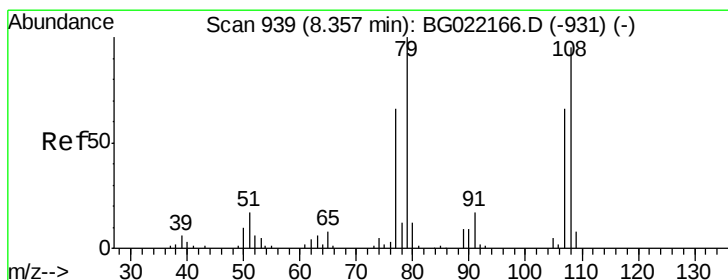
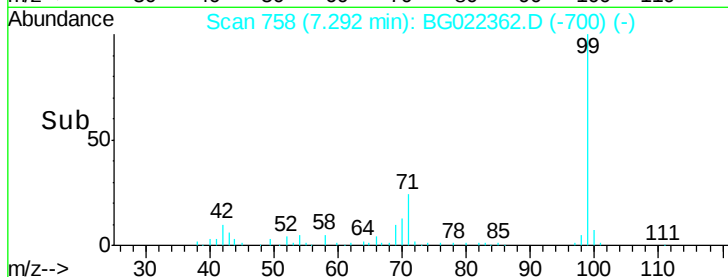
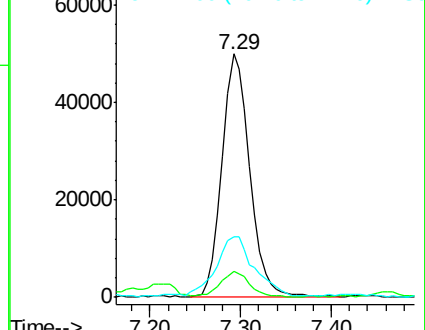
99 100

42 10.8 16.4 24.6#

71 24.7 25.0 37.4#



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



#15

Benzyl Alcohol

Concen: 5.64 ng

RT: 8.33 min Scan# 935

Delta R.T. 0.00 min

Lab File: BG022362.D

Acq: 15 Jun 2016 10:02

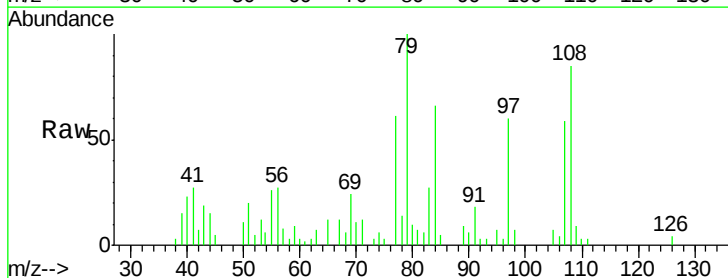
Tgt Ion: 79 Resp: 11365

Ion Ratio Lower Upper

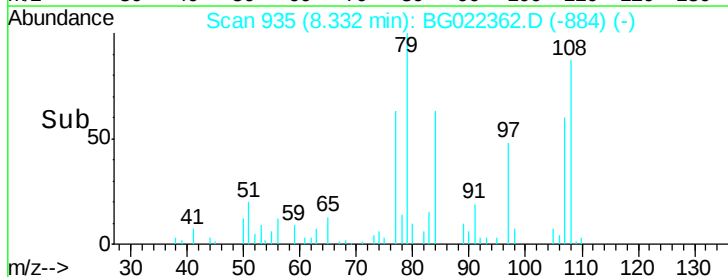
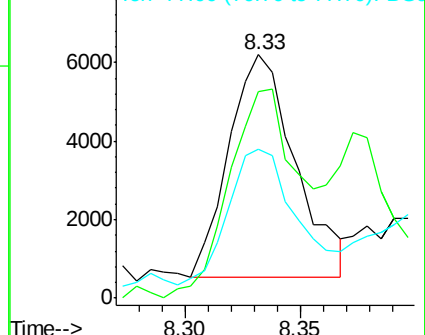
79 100

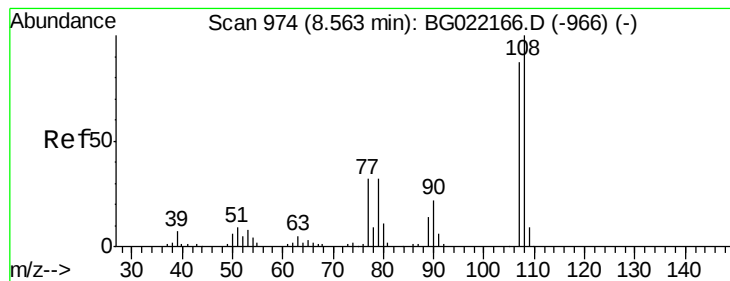
108 85.1 59.4 89.0

77 61.0 52.2 78.2



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





#17

2-Methylphenol

Concen: 3.75 ng

RT: 8.34 min Scan# 936

Delta R.T. -0.20 min

Lab File: BG022362.D

Acq: 15 Jun 2016 10:02

Instrument :

BNA_G

ClientSampleId :

W-02

Tot Ion:107 Resp: 9005

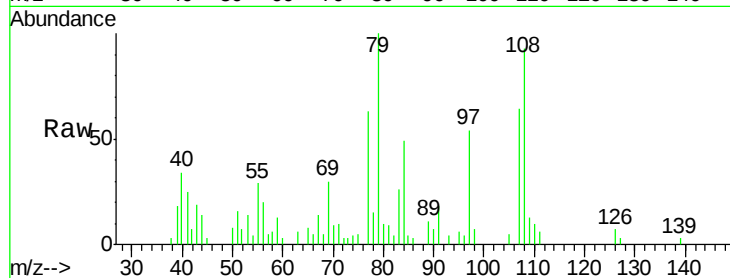
Ion Ratio Lower Upper

107 100

108 145.4 80.2 120.4#

77 99.3 40.7 61.1#

79 156.8 39.8 59.8#

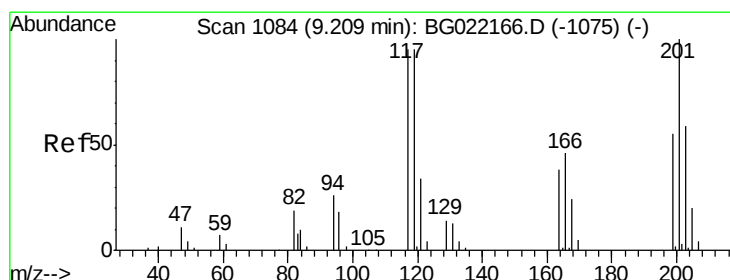
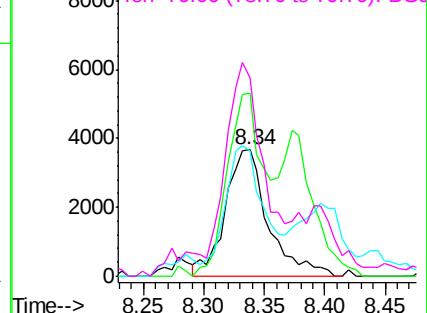
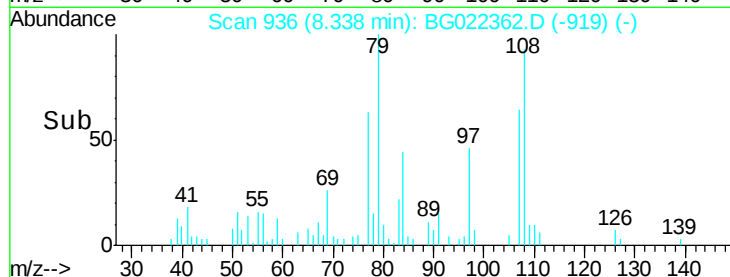


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 21.87 ng

RT: 9.18 min Scan# 1079

Delta R.T. 0.01 min

Lab File: BG022362.D

Acq: 15 Jun 2016 10:02

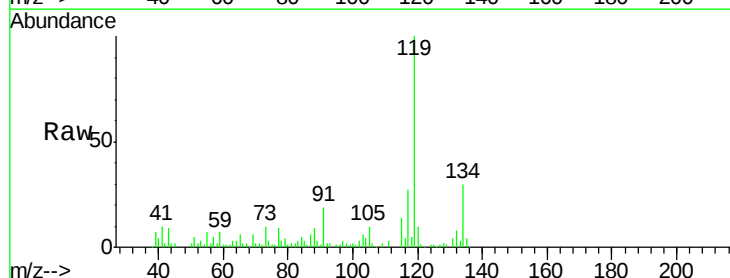
Tgt Ion:117 Resp: 23374

Ion Ratio Lower Upper

117 100

119 372.0 63.9 95.9#

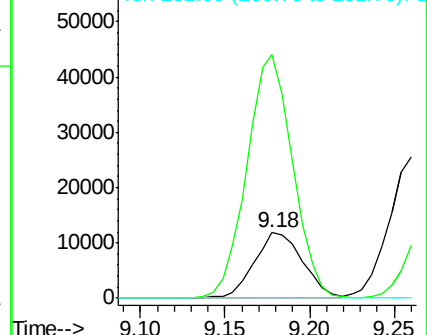
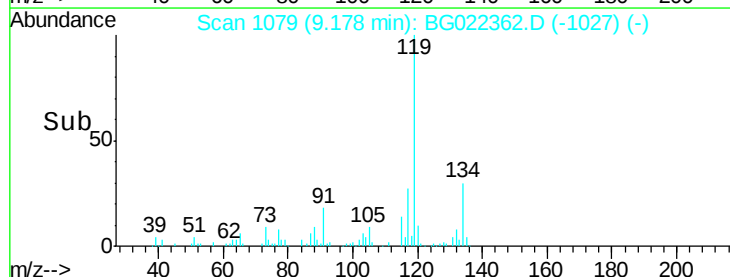
201 0.0 61.2 91.8#

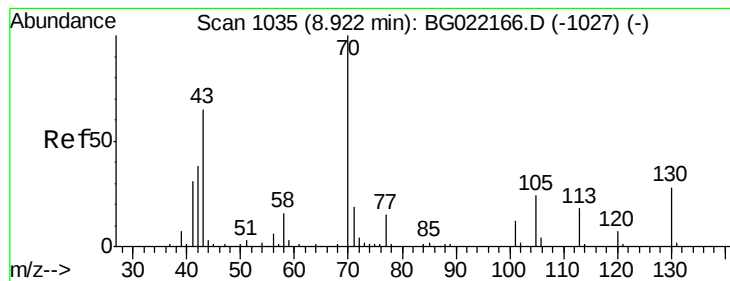


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 6.24 ng

RT: 8.85 min Scan# 1024

Delta R.T. -0.04 min

Lab File: BG022362.D

Acq: 15 Jun 2016 10:02

Instrument :

BNA_G

ClientSampleId :

W-02

Tot Ion: 70 Resp: 13161

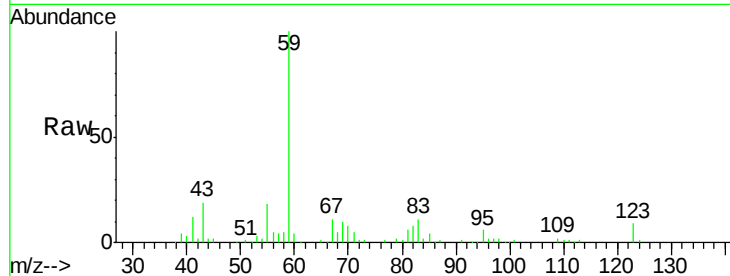
Ion Ratio Lower Upper

70 100

42 30.1 56.7 85.1#

101 12.0 8.2 12.4

130 0.0 14.0 21.0#

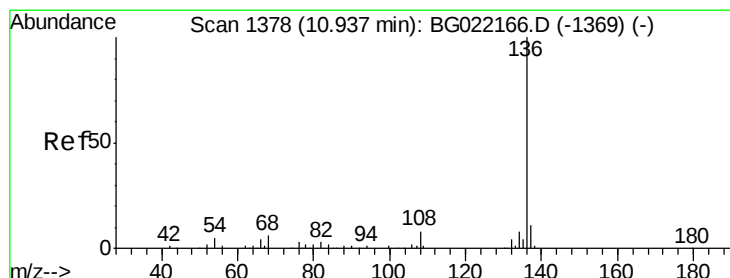
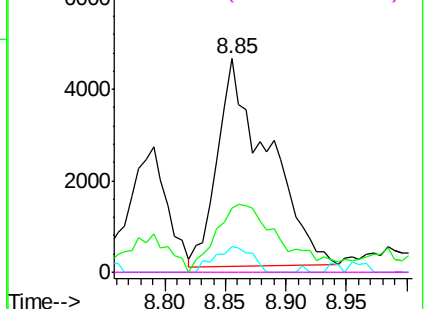
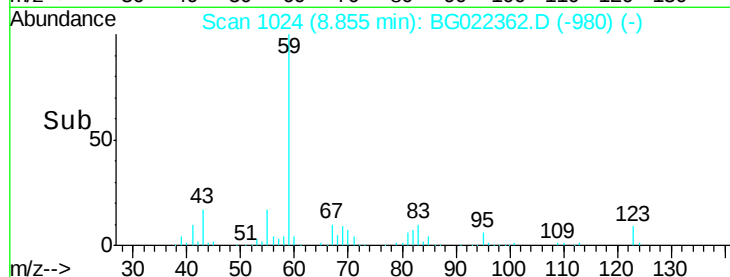


Abundance Ion 70.00 (69.70 to 70.70): BGC

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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.89 min Scan# 1371

Delta R.T. -0.01 min

Lab File: BG022362.D

Acq: 15 Jun 2016 10:02

Tgt Ion: 136 Resp: 196971

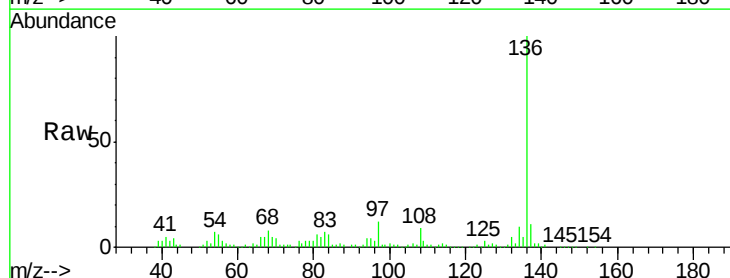
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.4

54 7.3 9.6 14.4#

68 8.2 6.4 9.6

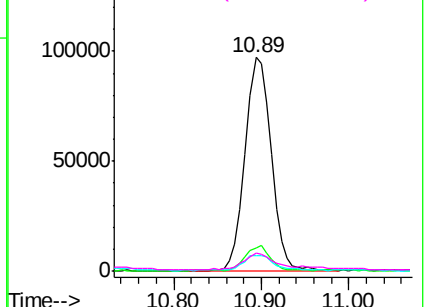
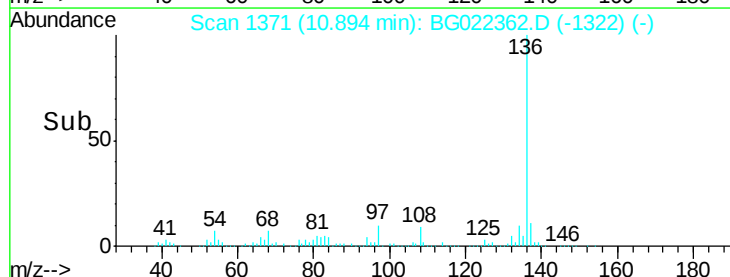


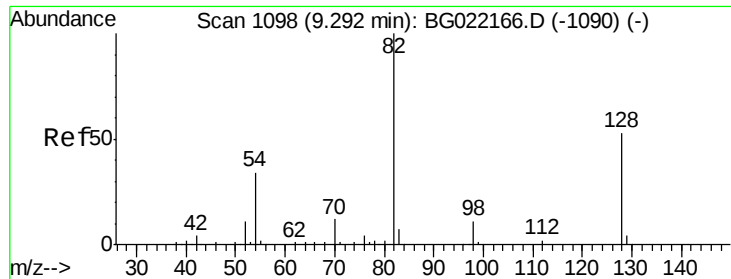
Abundance Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

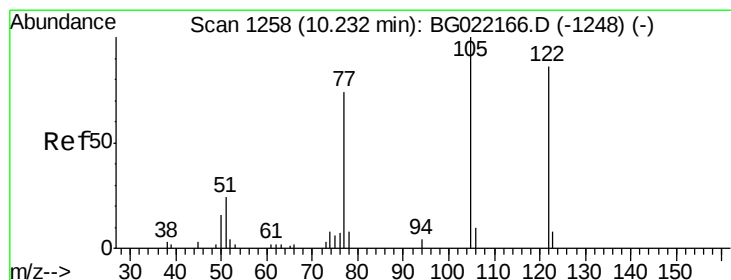
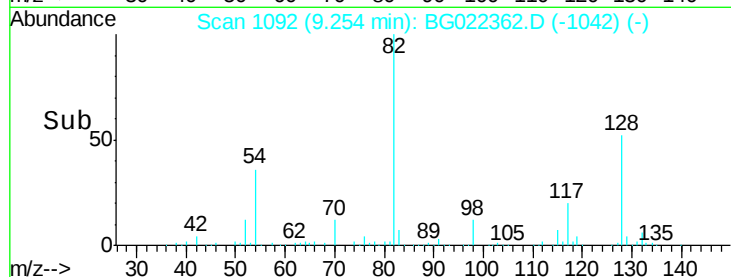
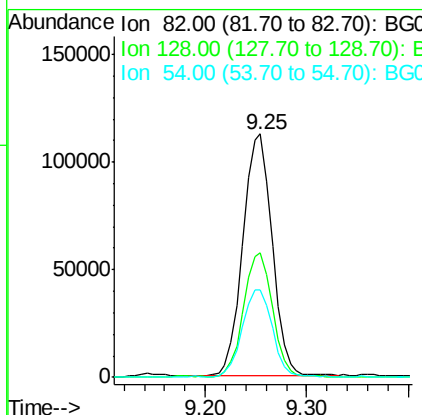
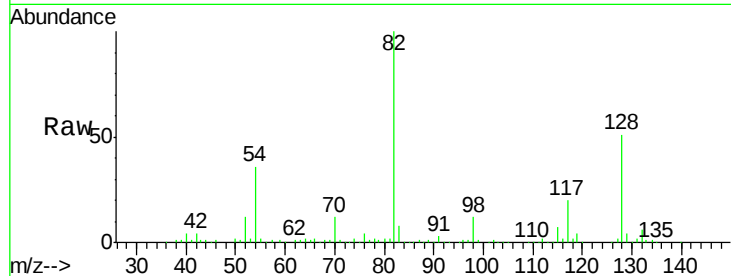




#23
Nitrobenzene-d5
Concen: 79.95 ng
RT: 9.25 min Scan# 1092
Delta R.T. -0.01 min
Lab File: BG022362.D
Acq: 15 Jun 2016 10:02

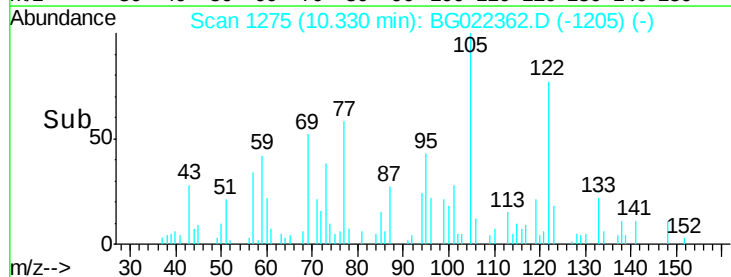
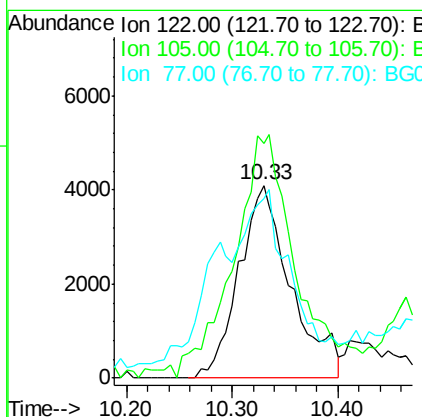
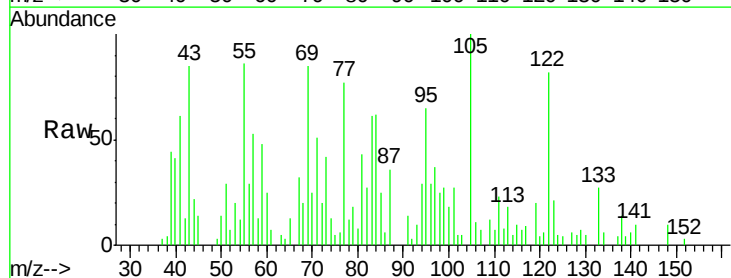
Instrument :
BNA_G
ClientSampled :
W-02

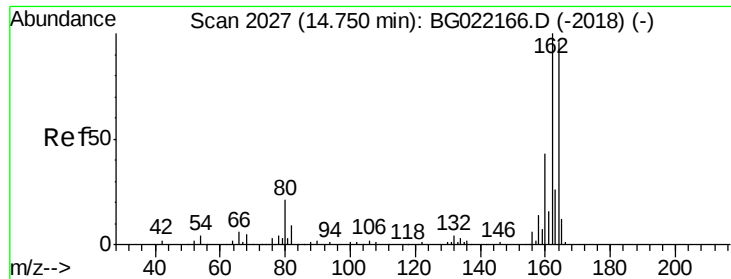
Tot Ion	82	Resp	225869
Ion Ratio	100		
Lower	33.4		
Upper	50.0		
128	51.3		
54	36.2		



#32
Benzoic acid
Concen: 22.23 ng
RT: 10.33 min Scan# 1275
Delta R.T. 0.11 min
Lab File: BG022362.D
Acq: 15 Jun 2016 10:02

Tgt Ion	122	Resp	13932
Ion Ratio	100		
Lower	104.5		
Upper	144.5		
105	121.4		
77	93.2		





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.72 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BG022362.D

Acq: 15 Jun 2016 10:02

Instrument :

BNA_G

ClientSampleId :

W-02

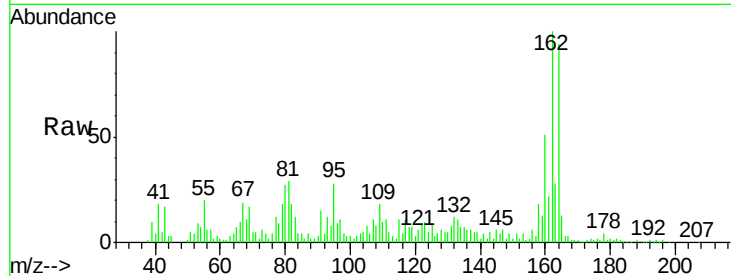
Tot Ion:164 Resp: 108157

Ion Ratio Lower Upper

164 100

162 106.9 78.0 117.0

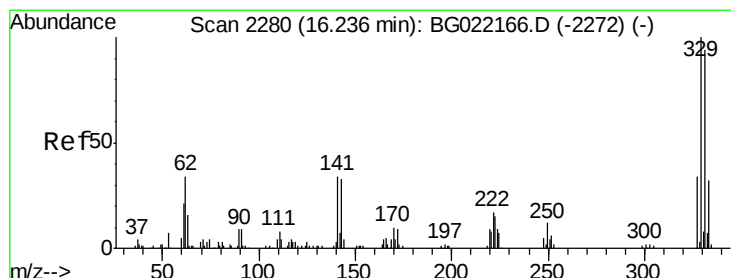
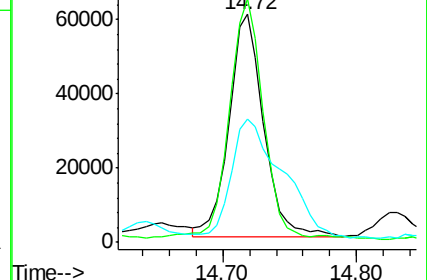
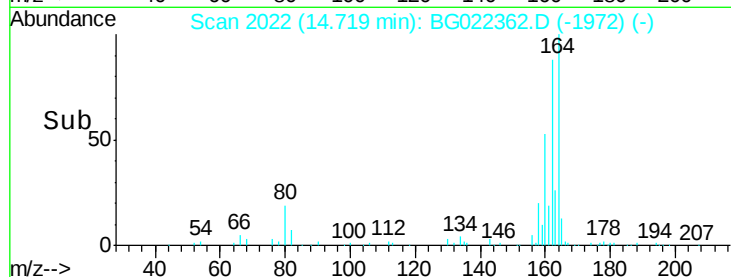
160 54.3 32.9 49.3#



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 86.25 ng

RT: 16.23 min Scan# 2279

Delta R.T. 0.01 min

Lab File: BG022362.D

Acq: 15 Jun 2016 10:02

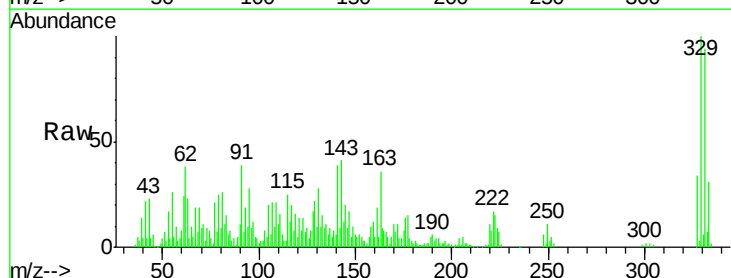
Tgt Ion:330 Resp: 105408

Ion Ratio Lower Upper

330 100

332 96.4 78.0 117.0

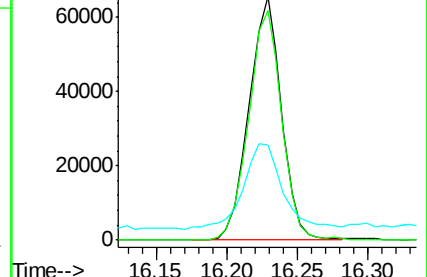
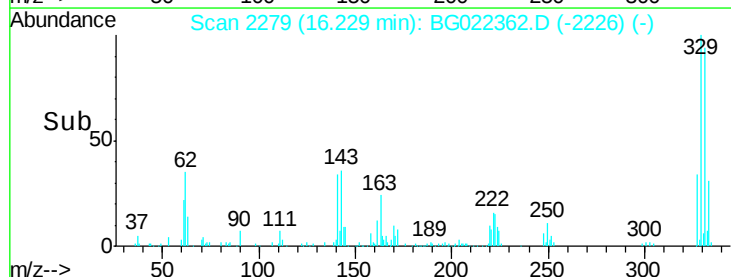
141 42.6 33.8 50.8

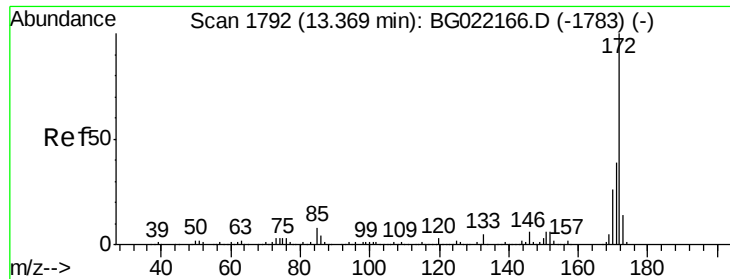


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

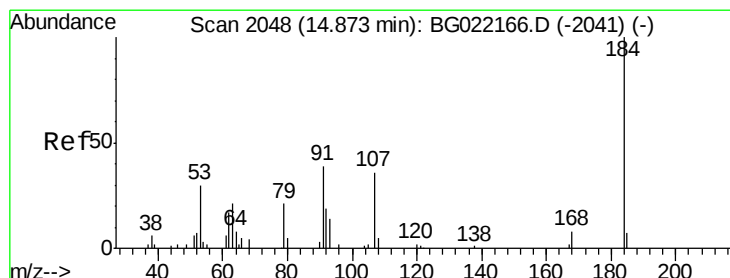
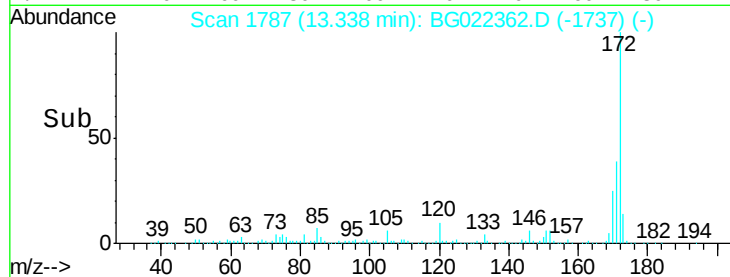
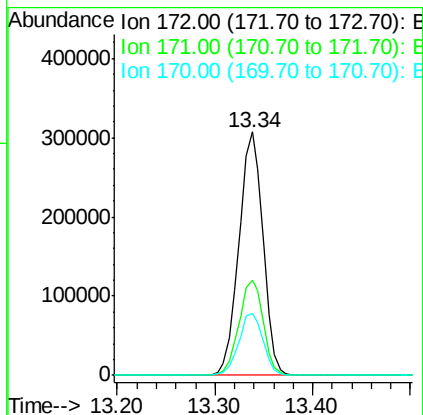
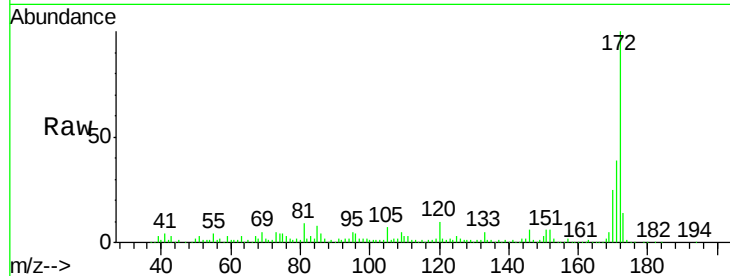




#44
2-Fluorobiphenyl
Concen: 74.19 ng
RT: 13.34 min Scan# 1787
Delta R.T. -0.01 min
Lab File: BG022362.D
Acq: 15 Jun 2016 10:02

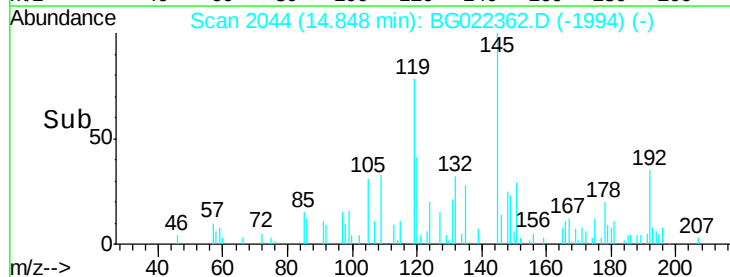
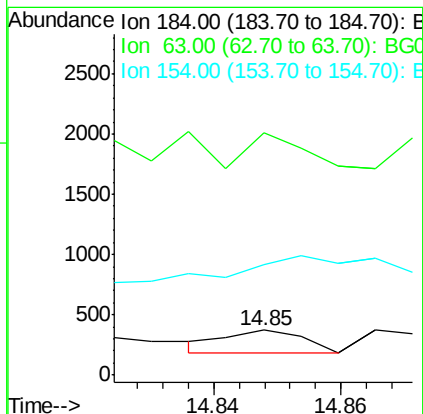
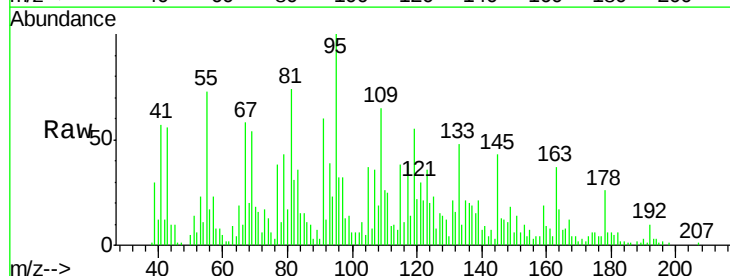
Instrument :
BNA_G
ClientSampleId :
W-02

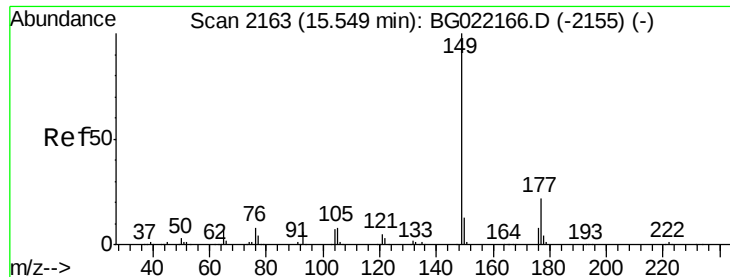
Tot Ion:172 Resp: 526562
Ion Ratio Lower Upper
172 100
171 39.3 27.8 41.6
170 25.5 19.6 29.4



#53
2,4-Dinitrophenol
Concen: 11.10 ng
RT: 14.85 min Scan# 2044
Delta R.T. -0.01 min
Lab File: BG022362.D
Acq: 15 Jun 2016 10:02

Tgt Ion:184 Resp: 165
Ion Ratio Lower Upper
184 100
63 540.6 57.3 85.9#
154 247.3 55.2 82.8#

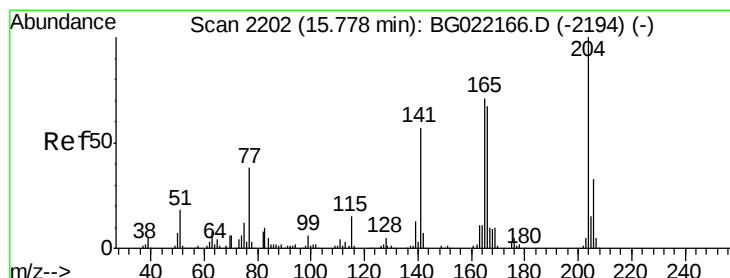
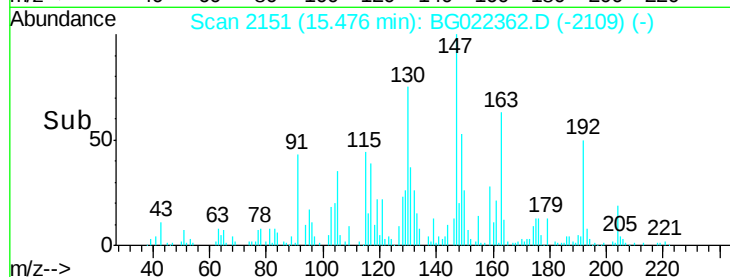
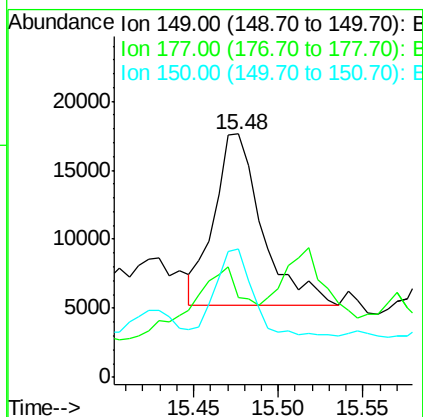
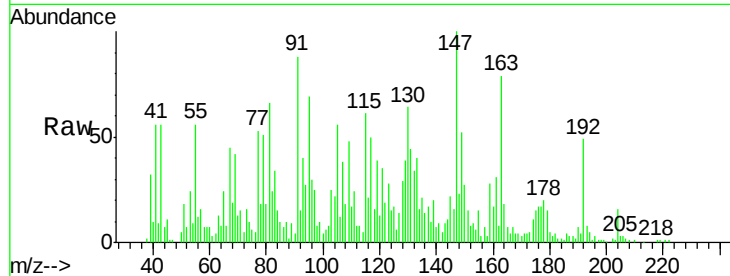




#59
Diethylphthalate
Concen: 2.59 ng
RT: 15.48 min Scan# 2151
Delta R.T. -0.05 min
Lab File: BG022362.D
Acq: 15 Jun 2016 10:02

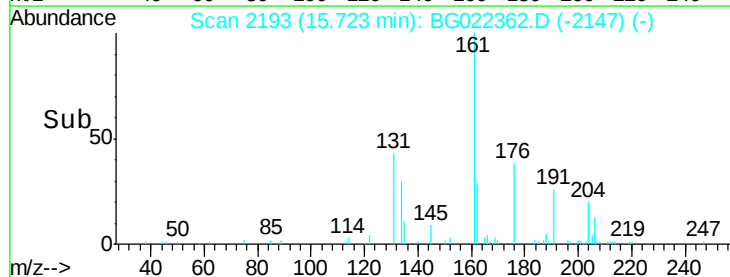
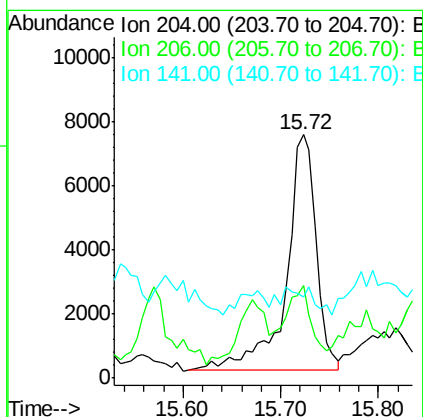
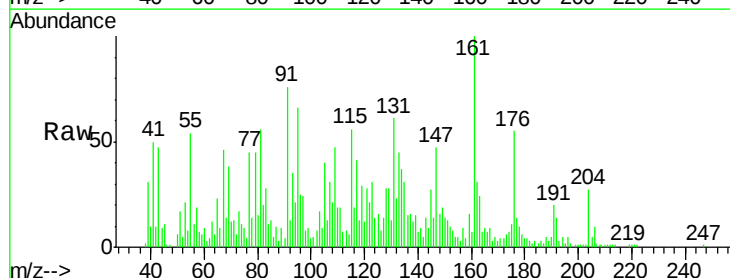
Instrument :
BNA_G
ClientSampled :
W-02

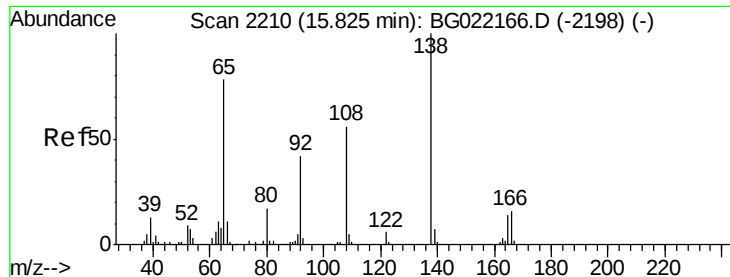
Tot Ion:149 Resp: 24767
Ion Ratio Lower Upper
149 100
177 33.0 17.3 25.9#
150 52.5 9.7 14.5#



#60
4-Chlorophenyl-phenylether
Concen: 3.90 ng
RT: 15.72 min Scan# 2193
Delta R.T. -0.03 min
Lab File: BG022362.D
Acq: 15 Jun 2016 10:02

Tgt Ion:204 Resp: 15568
Ion Ratio Lower Upper
204 100
206 37.9 27.8 41.8
141 33.4 51.0 76.4#





#61

4-Nitroaniline

Concen: 3.93 ng

RT: 15.79 min Scan# 2204

Delta R.T. -0.01 min

Lab File: BG022362.D

Acq: 15 Jun 2016 10:02

Instrument :

BNA_G

ClientSampleId :

W-02

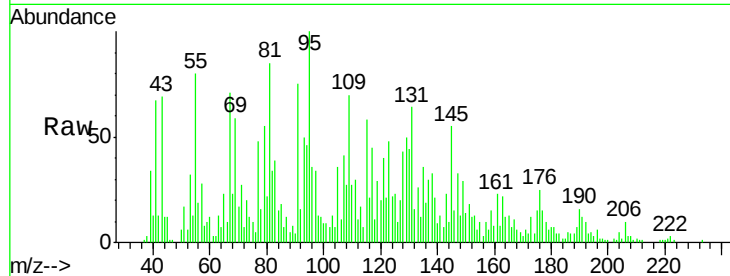
Tot Ion:138 Resp: 9023

Ion Ratio Lower Upper

138 100

92 49.4 37.7 77.7

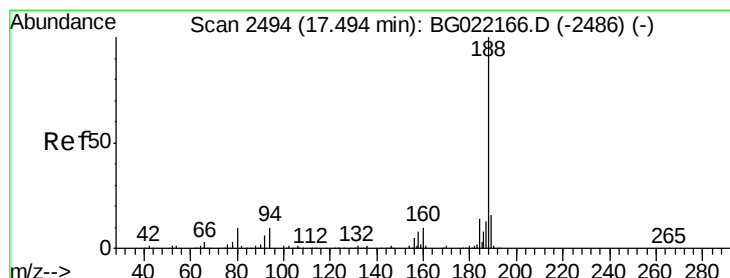
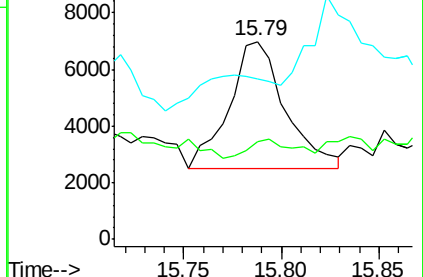
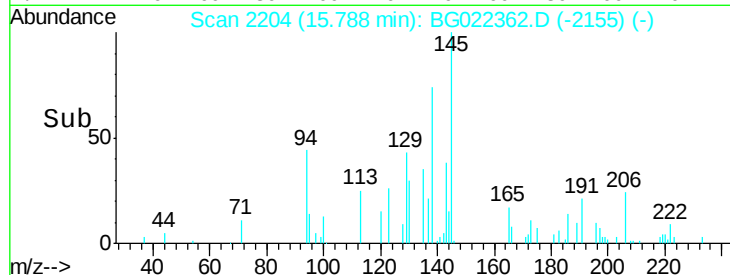
108 80.9 59.4 99.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG0

Ion 108.00 (107.70 to 108.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.47 min Scan# 2490

Delta R.T. 0.00 min

Lab File: BG022362.D

Acq: 15 Jun 2016 10:02

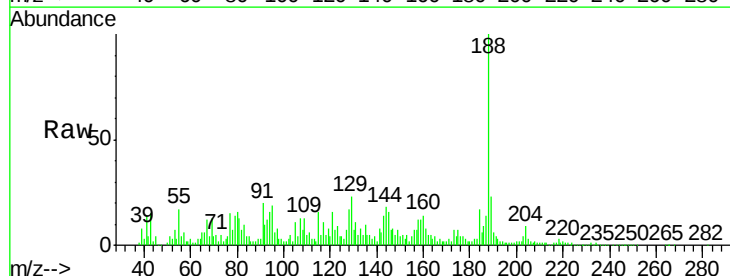
Tgt Ion:188 Resp: 186803

Ion Ratio Lower Upper

188 100

94 16.1 7.5 11.3#

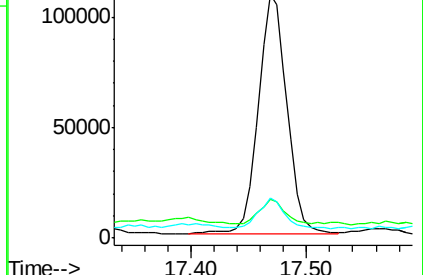
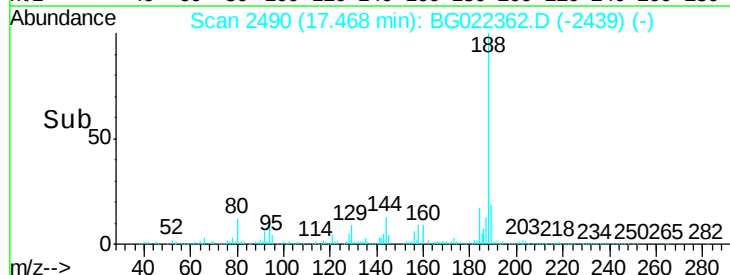
80 16.2 8.6 13.0#

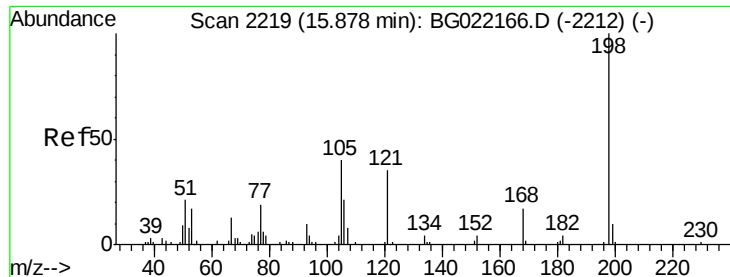


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0





#64

4,6-Dinitro-2-methylphenol

Concen: 5.92 ng

RT: 15.81 min Scan# 2208

Delta R.T. -0.05 min

Lab File: BG022362.D

Acq: 15 Jun 2016 10:02

Instrument :

BNA_G

ClientSampleId :

W-02

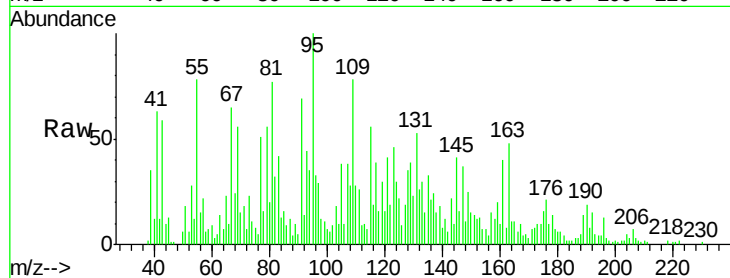
Tot Ion:198 Resp: 474

Ion Ratio Lower Upper

198 100

51 819.7 29.2 69.2#

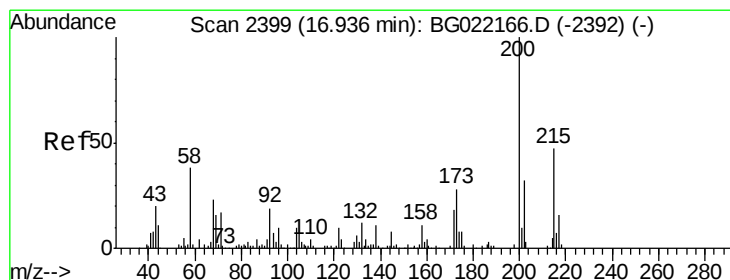
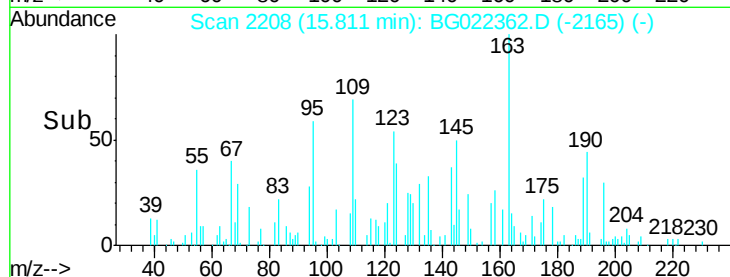
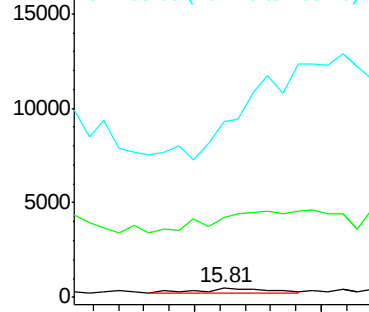
105 1789.8 24.0 64.0#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E



#68

Atrazine

Concen: 2.21 ng

RT: 16.93 min Scan# 2398

Delta R.T. 0.01 min

Lab File: BG022362.D

Acq: 15 Jun 2016 10:02

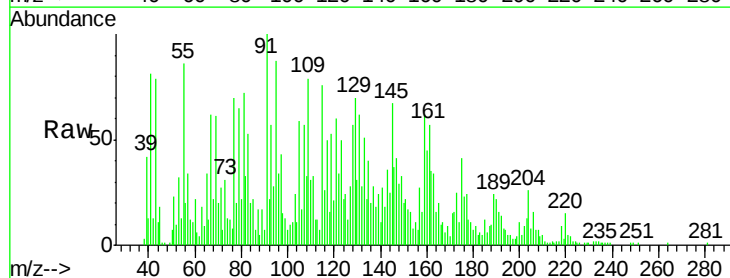
Tgt Ion:200 Resp: 4396

Ion Ratio Lower Upper

200 100

173 219.5 5.1 45.1#

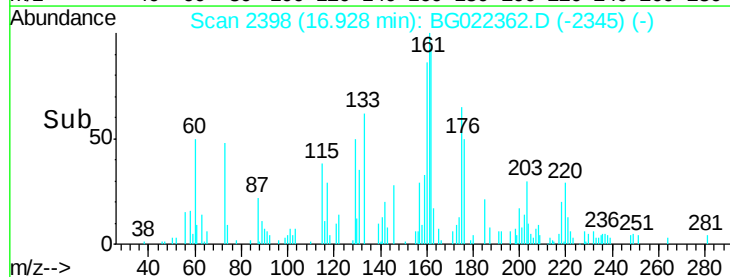
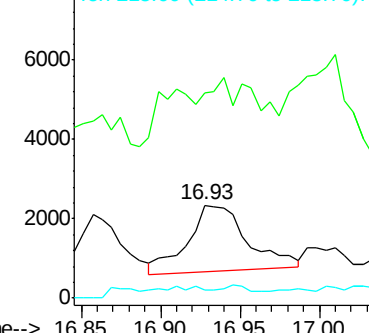
215 9.0 28.0 68.0#

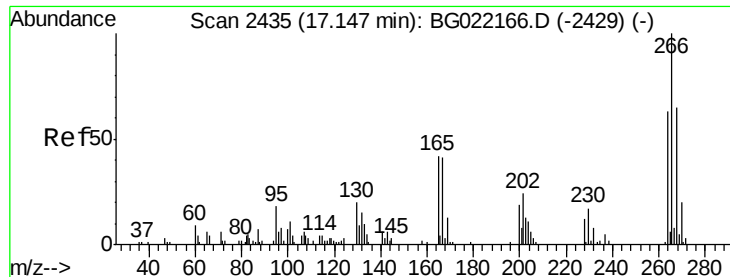


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 7.68 ng

RT: 17.15 min Scan# 2435

Delta R.T. 0.02 min

Lab File: BG022362.D

Acq: 15 Jun 2016 10:02

Instrument :

BNA_G

ClientSampleId :

W-02

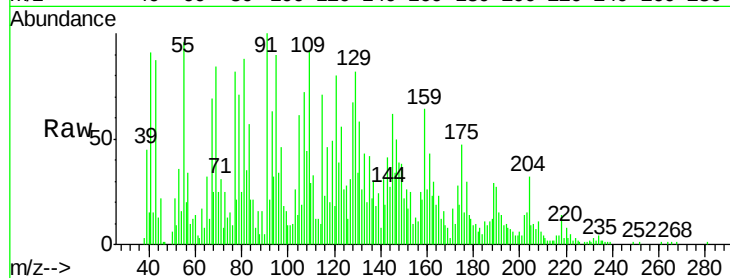
Tot Ion:266 Resp: 909

Ion Ratio Lower Upper

266 100

268 74.6 54.5 81.7

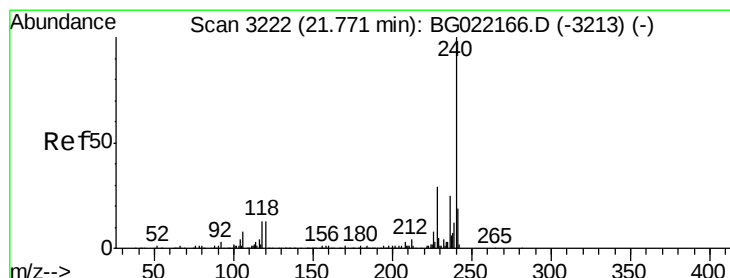
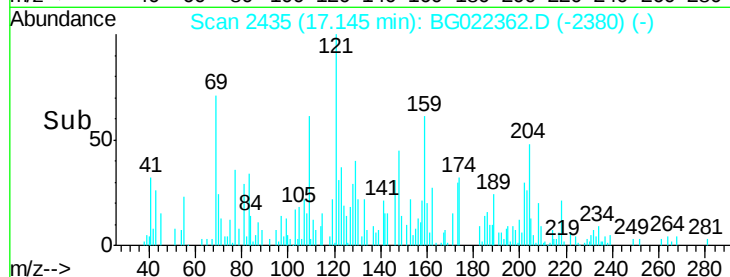
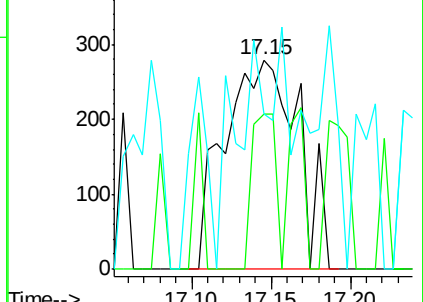
264 74.6 53.8 80.6



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.74 min Scan# 3217

Delta R.T. 0.00 min

Lab File: BG022362.D

Acq: 15 Jun 2016 10:02

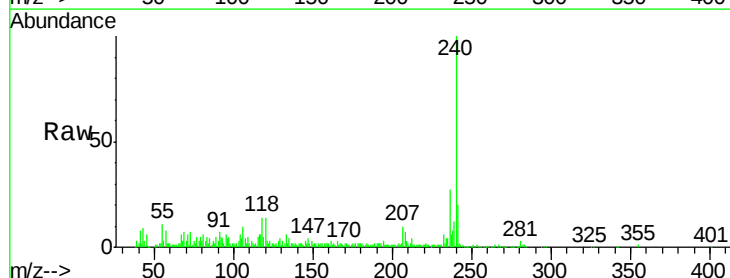
Tgt Ion:240 Resp: 151622

Ion Ratio Lower Upper

240 100

120 13.6 8.4 12.6#

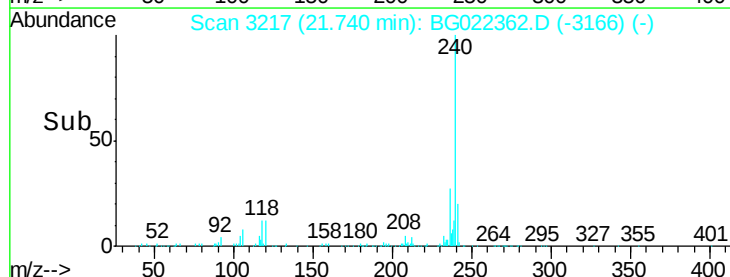
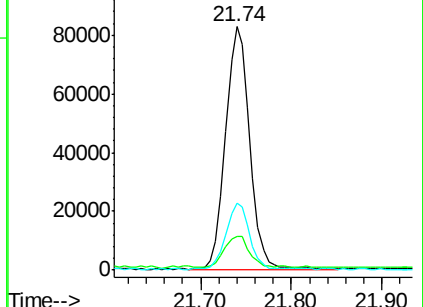
236 27.3 19.6 29.4

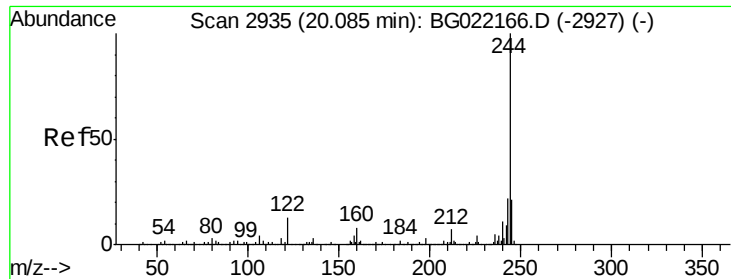


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 60.31 ng

RT: 20.07 min Scan# 2932

Delta R.T. 0.01 min

Lab File: BG022362.D

Acq: 15 Jun 2016 10:02

Instrument :

BNA_G

ClientSampleId :

W-02

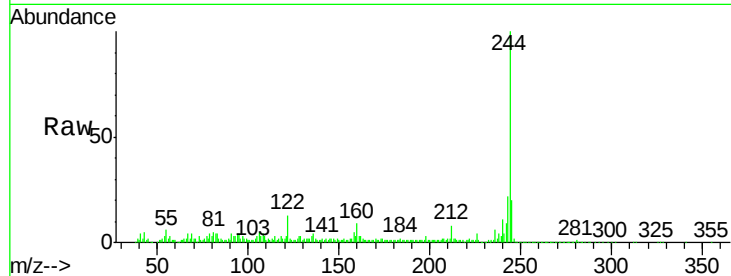
Tot Ion:244 Resp: 385141

Ion Ratio Lower Upper

244 100

212 7.7 6.5 9.7

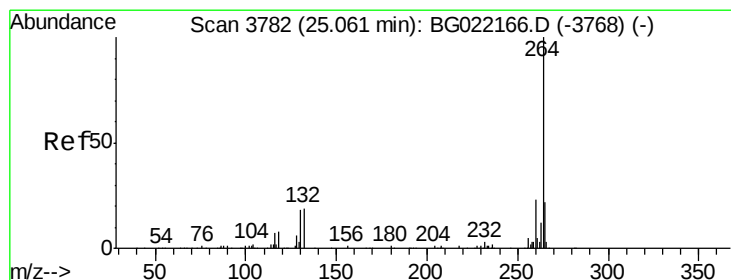
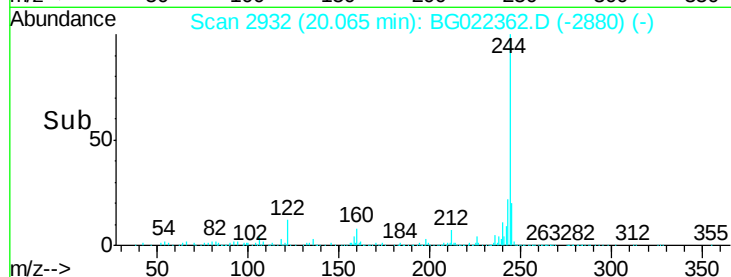
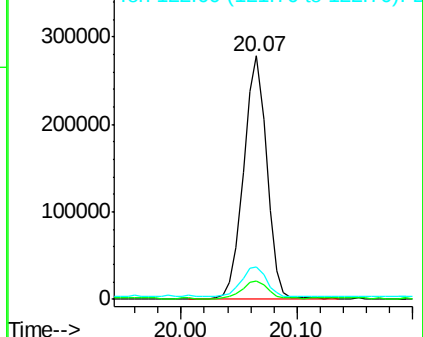
122 13.1 8.6 12.8#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.02 min Scan# 3775

Delta R.T. 0.01 min

Lab File: BG022362.D

Acq: 15 Jun 2016 10:02

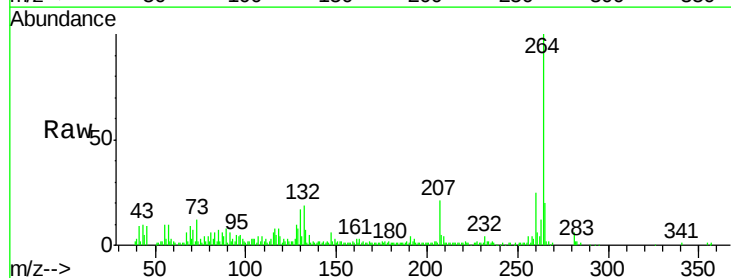
Tgt Ion:264 Resp: 143893

Ion Ratio Lower Upper

264 100

260 25.5 20.2 30.4

265 20.5 17.8 26.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

