

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041416\
 Data File : BG021648.D
 Acq On : 14 Apr 2016 11:32
 Operator : UM/SJ
 Sample : H2418-04
 Misc : LOD 5PPM
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GMW-2

Quant Time: Apr 15 00:50:13 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 13 15:48:13 2016
 Response via : Initial Calibration

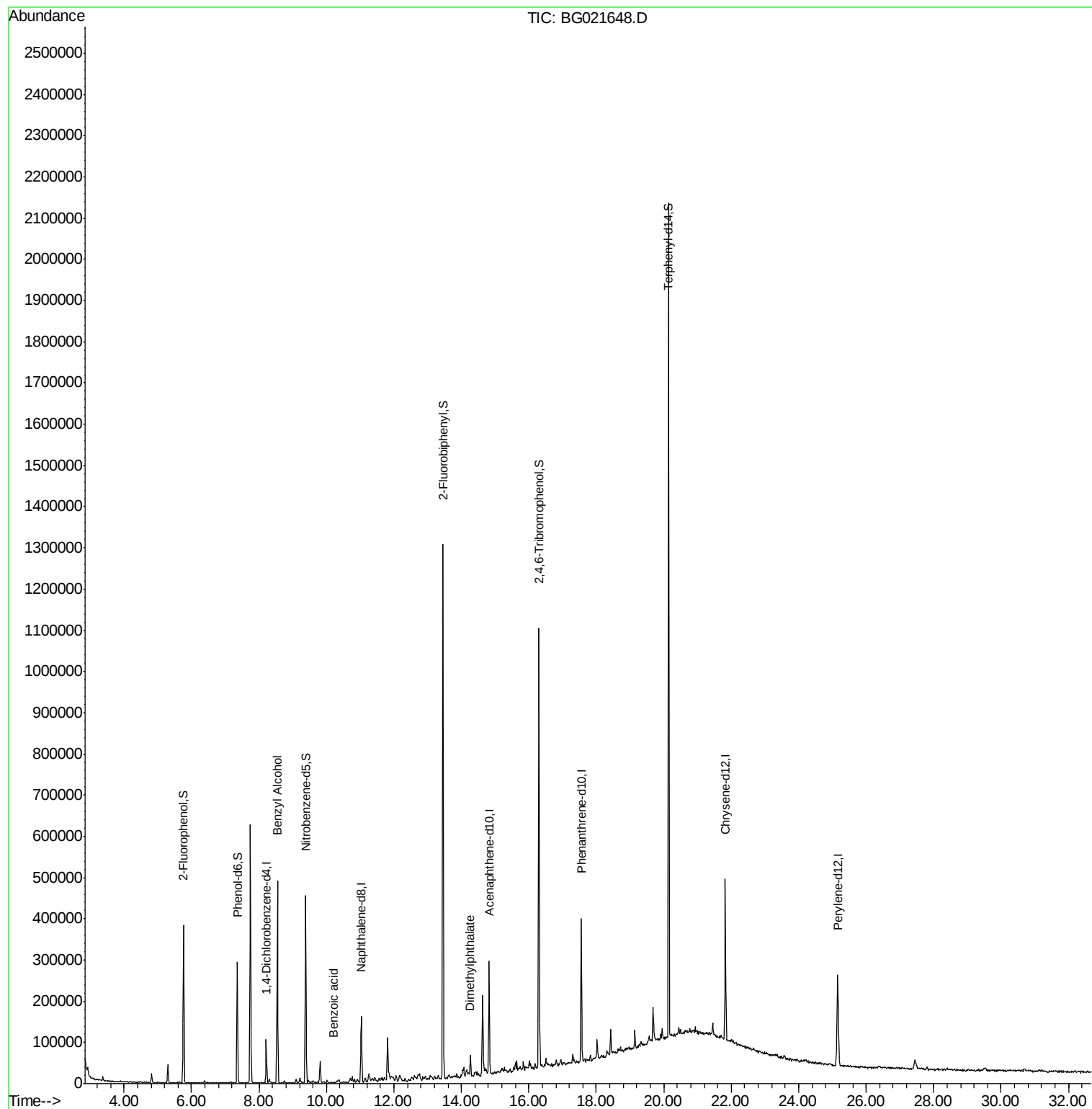
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	29274	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	139969	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	93953	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	216240	20.00	ng	0.00
75) Chrysene-d12	21.83	240	242877	20.00	ng	0.00
86) Perylene-d12	25.15	264	235675	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.76	112	169165	96.23	ng	0.00
7) Phenol-d6	7.36	99	172388	65.65	ng	0.00
23) Nitrobenzene-d5	9.38	82	281587	103.40	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	178517	176.30	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	655525	102.23	ng	0.00
78) Terphenyl-d14	20.15	244	874836	89.88	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.54	79	4369	2.18	ng	# 65
32) Benzoic acid	10.22	122	62	4.31	ng	# 46
49) Dimethylphthalate	14.27	163	32555	4.01	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: 8.21 min Scan# 915

Delta R.T. -0.01 min

Lab File: BG021648.D

Acq: 14 Apr 2016 11:32

Instrument :

BNA_G

ClientSampleId :

GMW-2

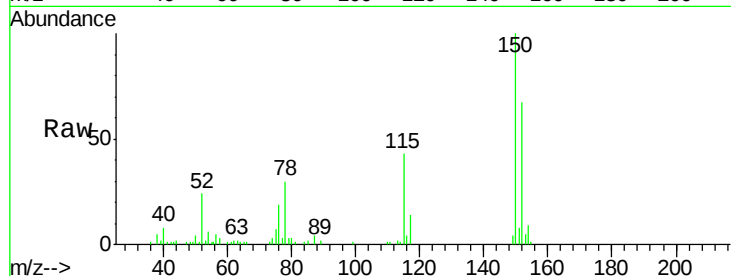
Tgt Ion:152 Resp: 29274

Ion Ratio Lower Upper

152 100

150 149.8 130.1 195.1

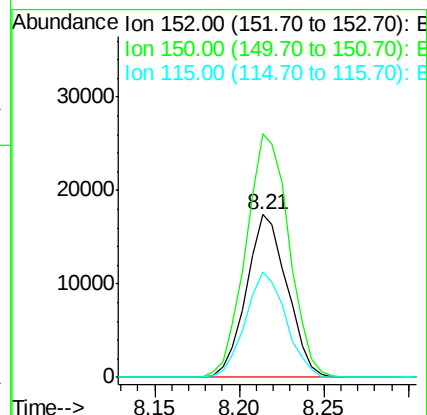
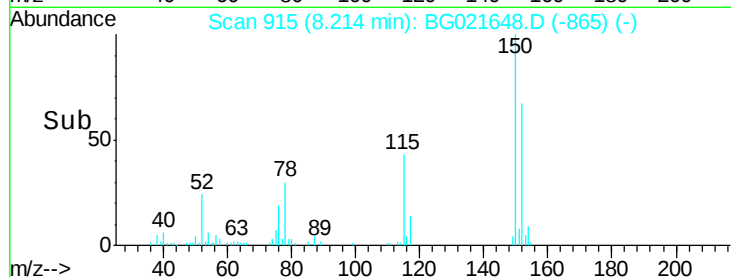
115 64.8 62.2 93.2



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: 96.23 ng

RT: 5.76 min Scan# 498

Delta R.T. 0.00 min

Lab File: BG021648.D

Acq: 14 Apr 2016 11:32

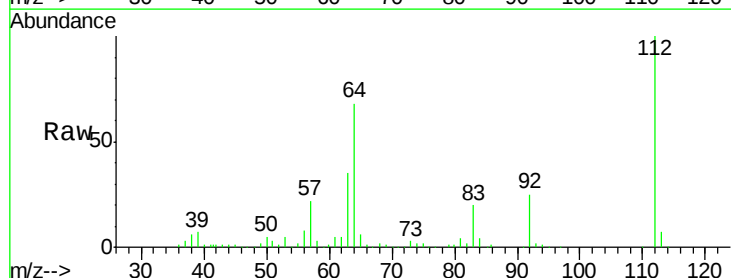
Tgt Ion:112 Resp: 169165

Ion Ratio Lower Upper

112 100

64 67.7 51.1 76.7

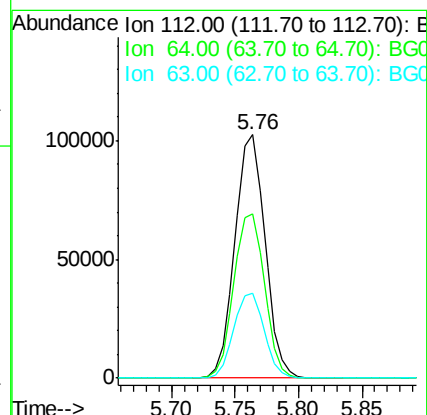
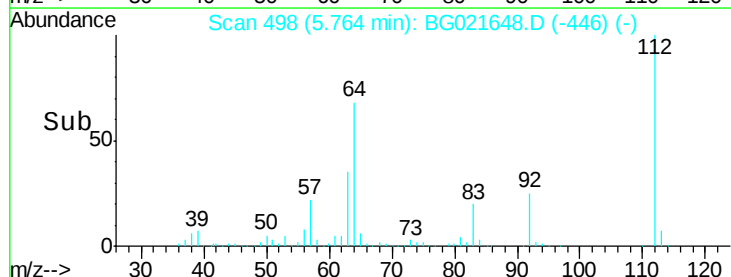
63 35.0 24.6 37.0

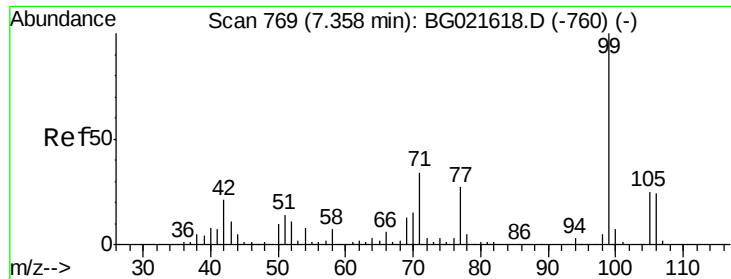


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 65.65 ng

RT: 7.36 min Scan# 769

Delta R.T. -0.00 min

Lab File: BG021648.D

Acq: 14 Apr 2016 11:32

Instrument :

BNA_G

ClientSampled :

GMW-2

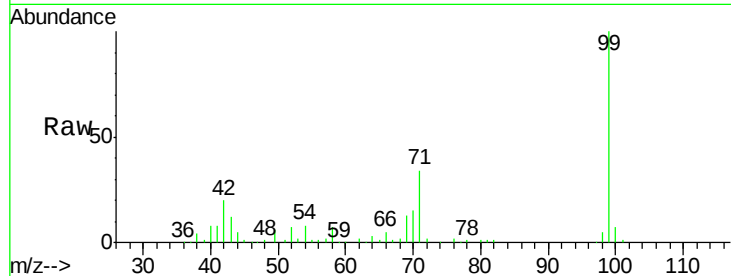
Tgt Ion: 99 Resp: 172388

Ion Ratio Lower Upper

99 100

42 20.3 16.4 24.6

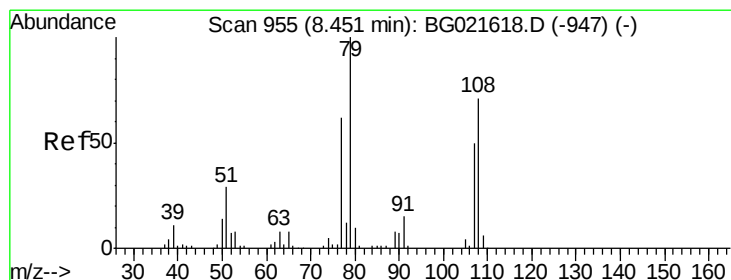
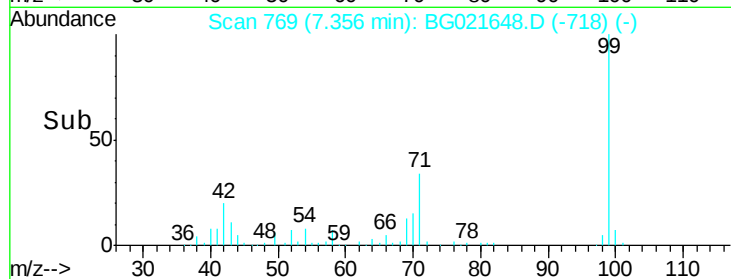
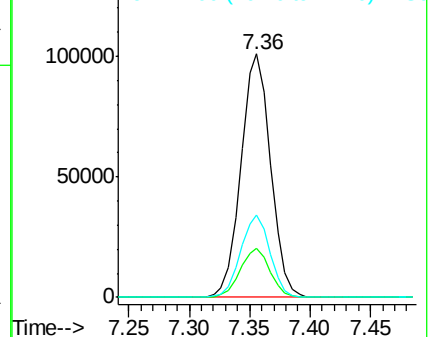
71 34.0 25.0 37.4



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: 2.18 ng

RT: 8.54 min Scan# 970

Delta R.T. 0.09 min

Lab File: BG021648.D

Acq: 14 Apr 2016 11:32

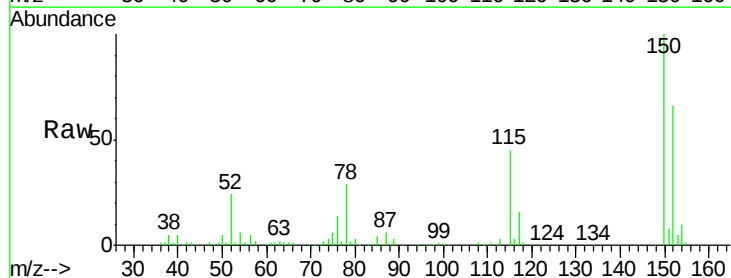
Tgt Ion: 79 Resp: 4369

Ion Ratio Lower Upper

79 100

108 33.8 59.4 89.0#

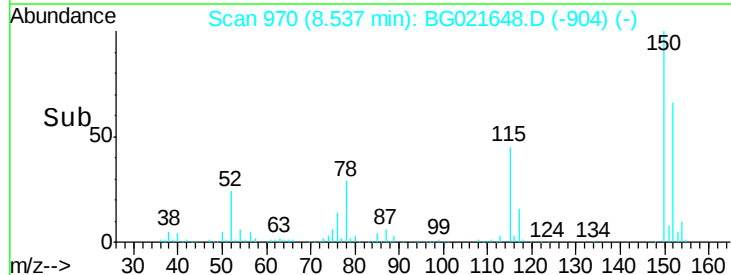
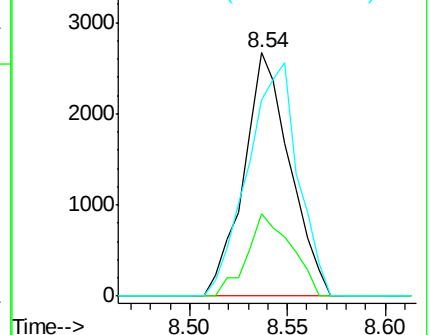
77 80.6 52.2 78.2#

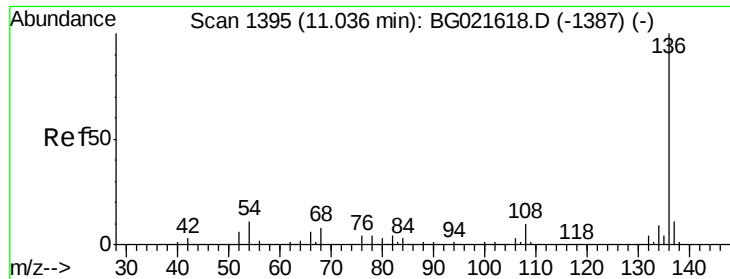


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

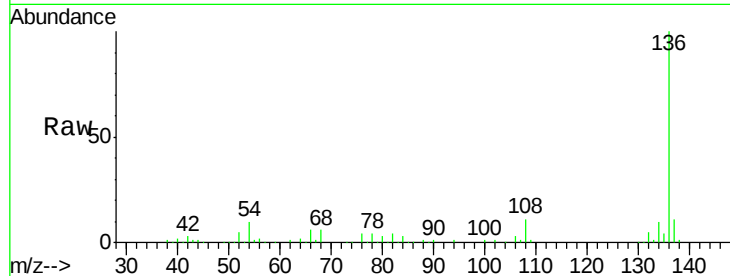




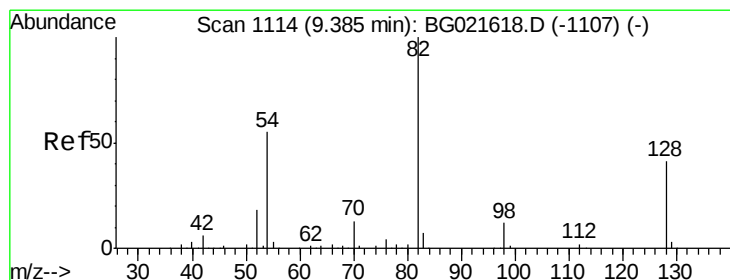
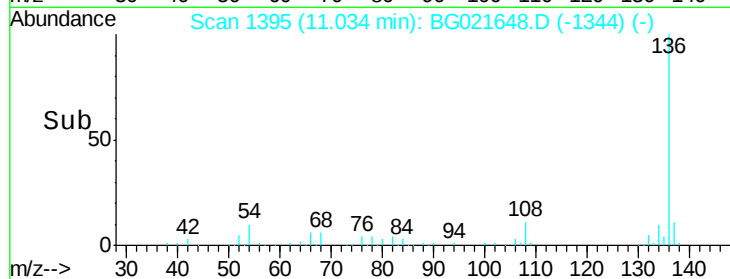
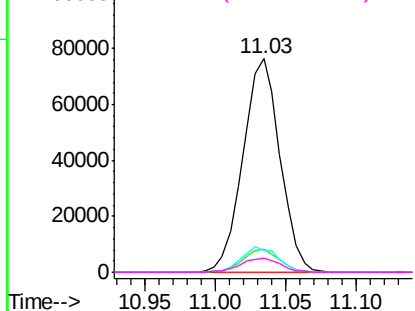
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.03 min Scan# 1395
Delta R.T. -0.00 min
Lab File: BG021648.D
Acq: 14 Apr 2016 11:32

Instrument :
BNA_G
ClientSampleId :
GMW-2

Tgt Ion:	136	Resp:	139969
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	10.4	9.6	14.4
68	6.3	6.4	9.6#

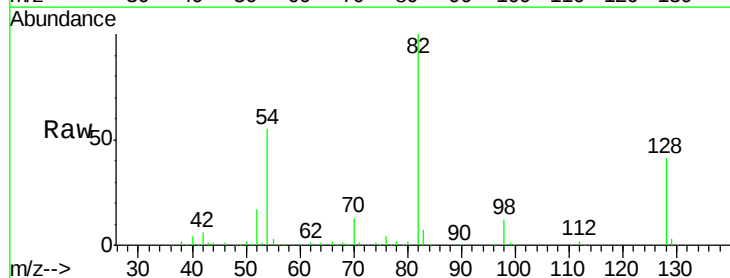


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

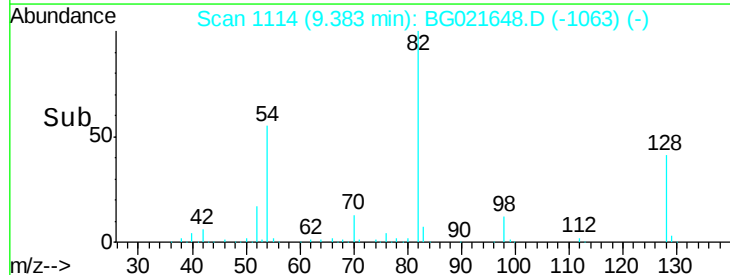
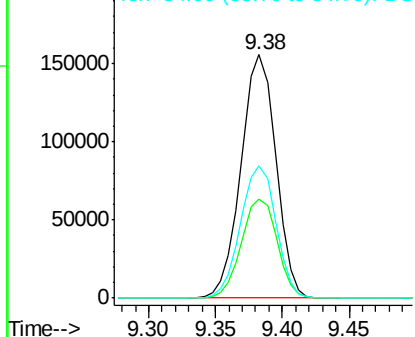


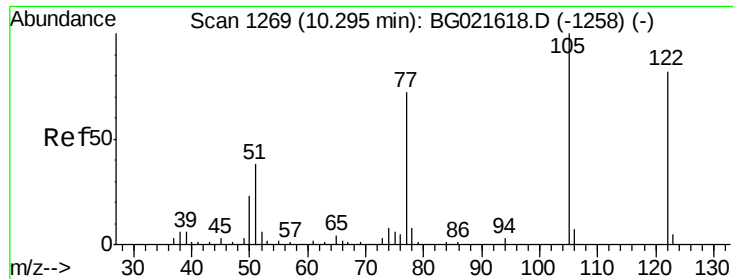
#23
Nitrobenzene-d5
Concen: 103.40 ng
RT: 9.38 min Scan# 1114
Delta R.T. -0.00 min
Lab File: BG021648.D
Acq: 14 Apr 2016 11:32

Tgt Ion:	82	Resp:	281587
Ion	Ratio	Lower	Upper
82	100		
128	40.8	33.4	50.0
54	54.5	46.1	69.1



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





#32

Benzoic acid

Concen: 4.31 ng

RT: 10.22 min Scan# 1257

Delta R.T. -0.07 min

Lab File: BG021648.D

Acq: 14 Apr 2016 11:32

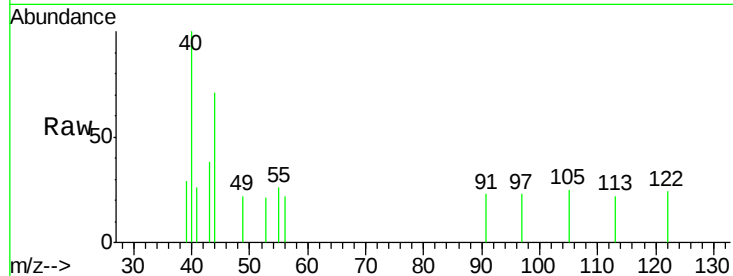
Instrument :

BNA_G

ClientSampleId :

GMW-2

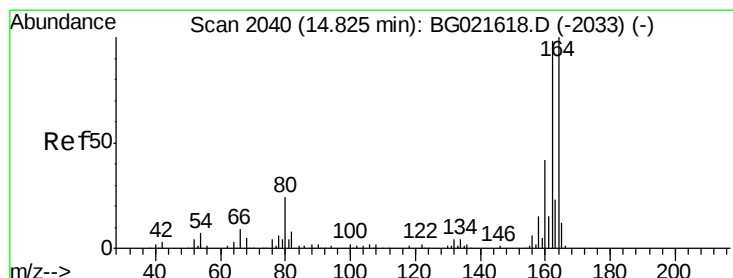
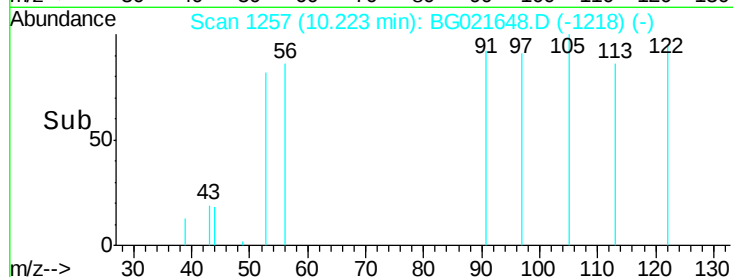
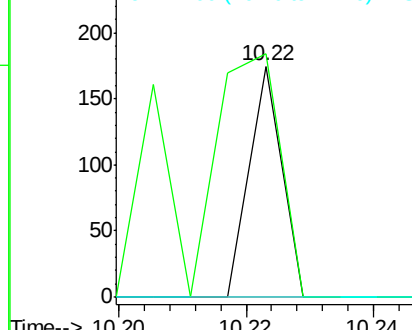
Tgt Ion:	122	Resp:	62
Ion	Ratio	Lower	Upper
122	100		
105	105.1	104.5	144.5
77	0.0	79.9	119.9#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC



#38

Acenaphthene-d10

Concen: 20.00 ng

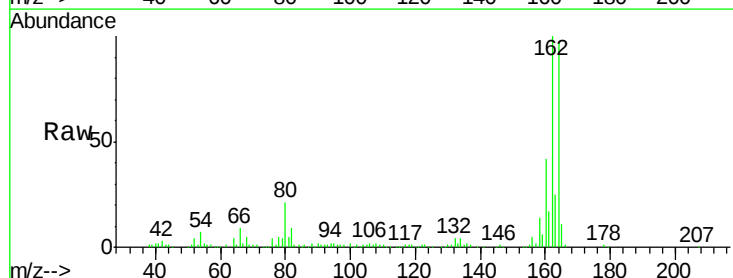
RT: 14.82 min Scan# 2040

Delta R.T. -0.00 min

Lab File: BG021648.D

Acq: 14 Apr 2016 11:32

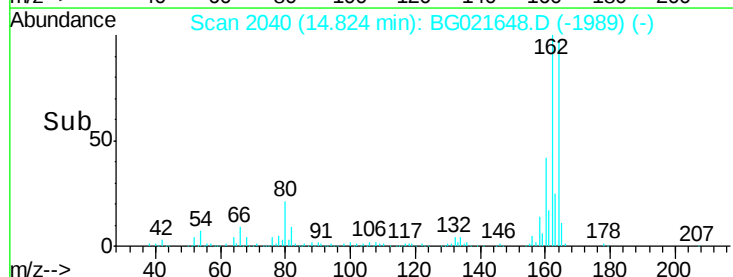
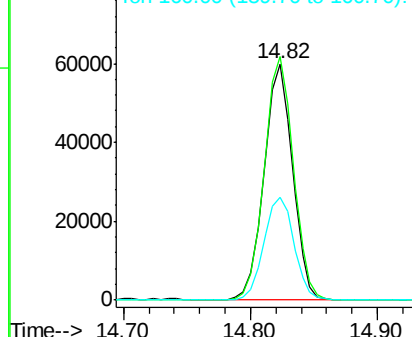
Tgt Ion:	164	Resp:	93953
Ion	Ratio	Lower	Upper
164	100		
162	103.2	78.0	117.0
160	43.3	32.9	49.3

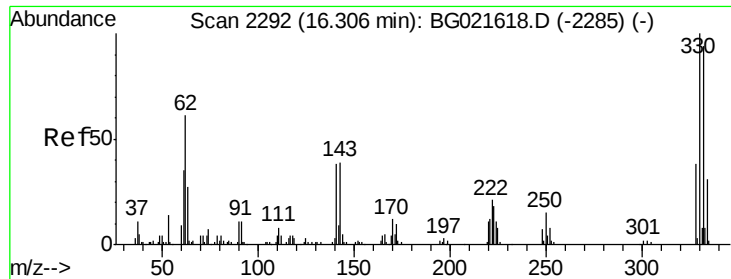


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

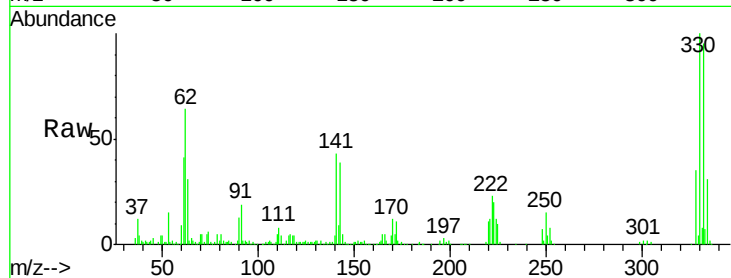




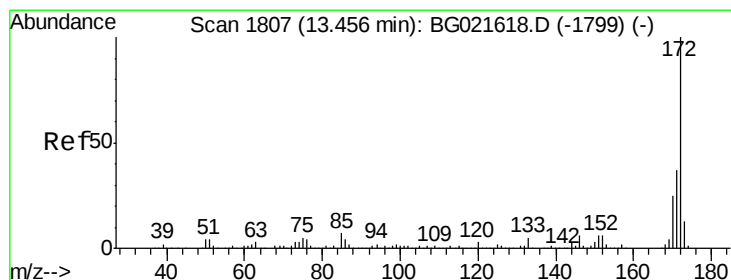
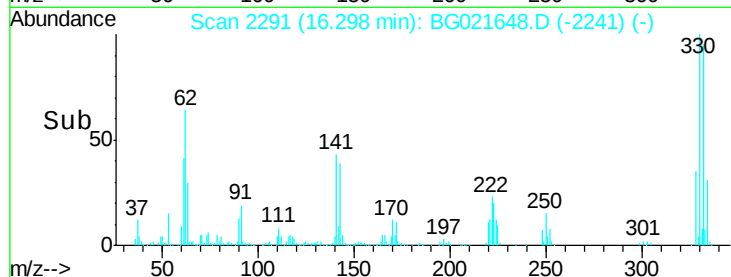
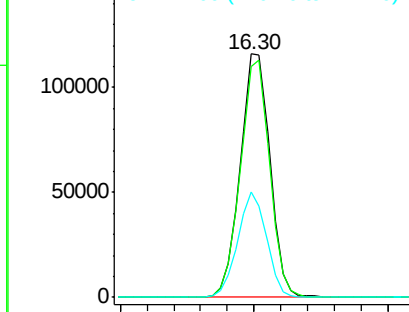
#41
 2,4,6-Tribromophenol
 Concen: 176.30 ng
 RT: 16.30 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BG021648.D
 Acq: 14 Apr 2016 11:32

Instrument :
 BNA_G
 ClientSampleId :
 GMW-2

Tgt Ion:330 Resp: 178517
 Ion Ratio Lower Upper
 330 100
 332 96.1 78.0 117.0
 141 41.7 33.8 50.8

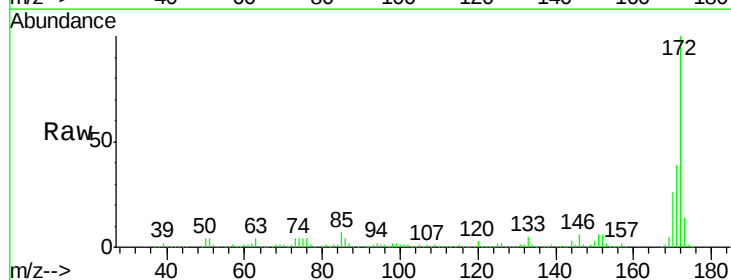


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

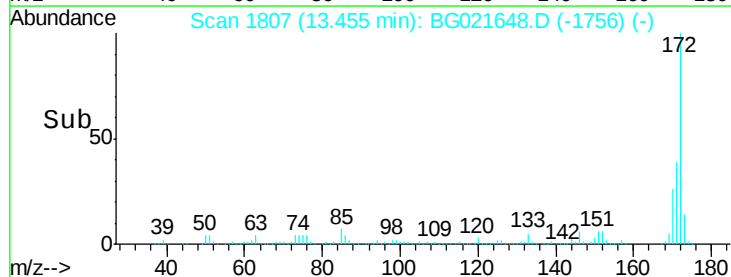
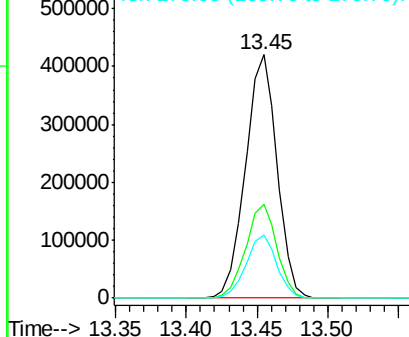


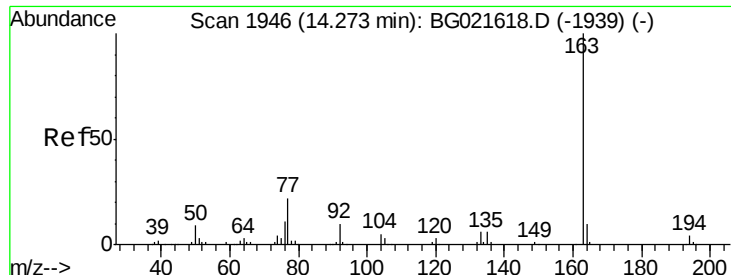
#44
 2-Fluorobiphenyl
 Concen: 102.23 ng
 RT: 13.45 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: BG021648.D
 Acq: 14 Apr 2016 11:32

Tgt Ion:172 Resp: 655525
 Ion Ratio Lower Upper
 172 100
 171 38.8 27.8 41.6
 170 25.7 19.6 29.4



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





#49

Dimethylphthalate

Concen: 4.01 ng

RT: 14.27 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BG021648.D

Acq: 14 Apr 2016 11:32

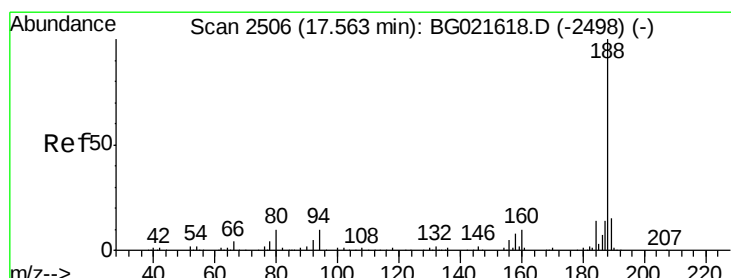
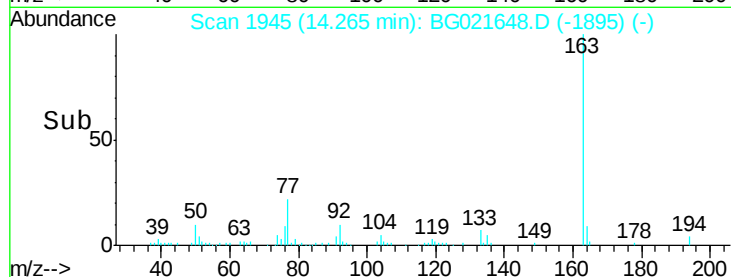
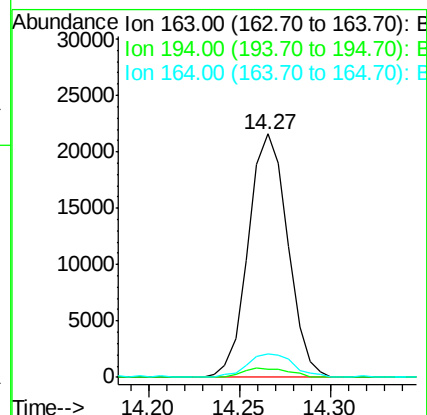
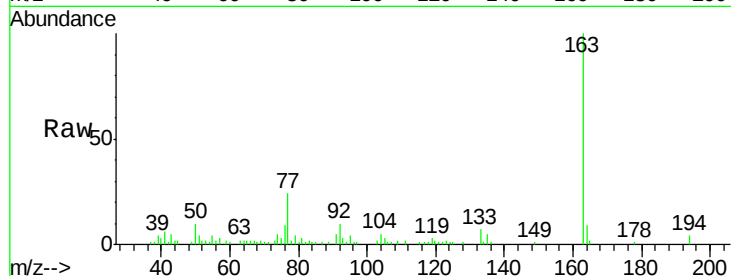
Instrument :

BNA_G

ClientSampleId :

GMW-2

Tgt Ion:	163	Resp:	32555
Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.0	4.6
164	9.4	8.1	12.1



#63

Phenanthrene-d10

Concen: 20.00 ng

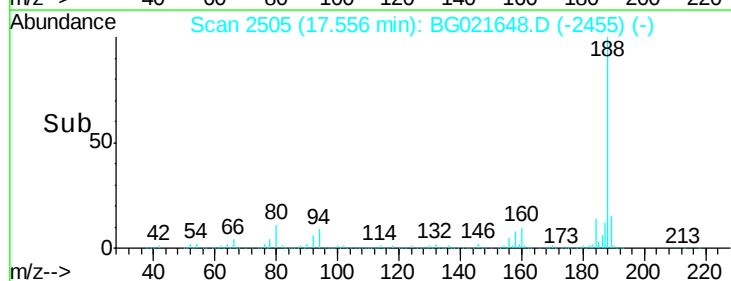
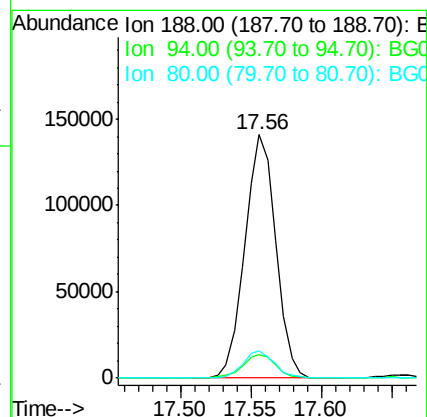
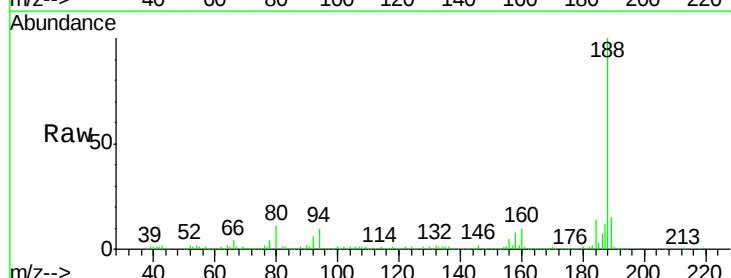
RT: 17.56 min Scan# 2505

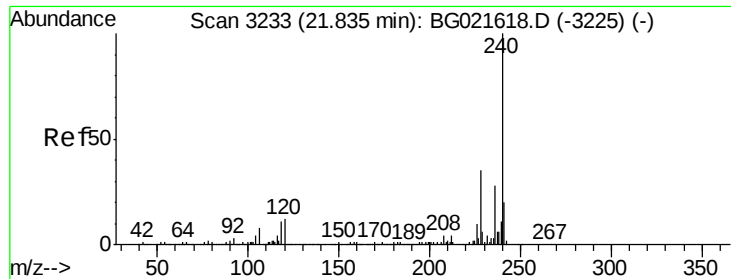
Delta R.T. -0.01 min

Lab File: BG021648.D

Acq: 14 Apr 2016 11:32

Tgt Ion:	188	Resp:	216240
Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.5	11.3
80	11.0	8.6	13.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.83 min Scan# 3232

Delta R.T. -0.01 min

Lab File: BG021648.D

Acq: 14 Apr 2016 11:32

Instrument :

BNA_G

ClientSampleId :

GMW-2

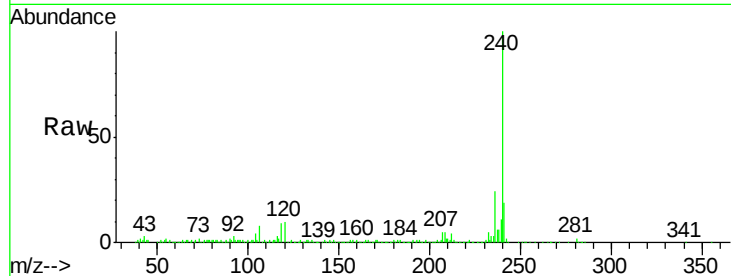
Tgt Ion:240 Resp: 242877

Ion Ratio Lower Upper

240 100

120 10.5 8.4 12.6

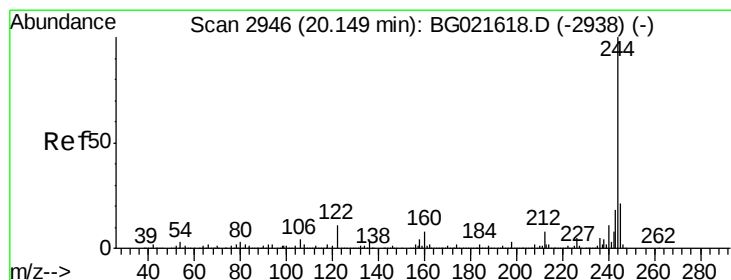
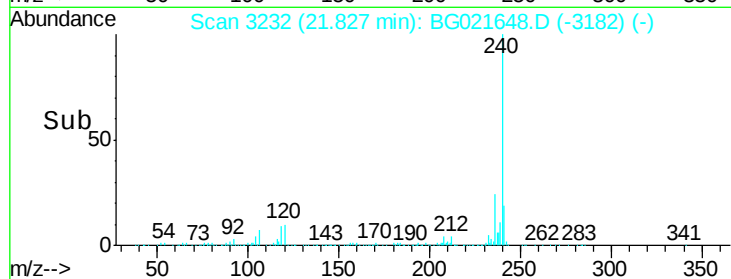
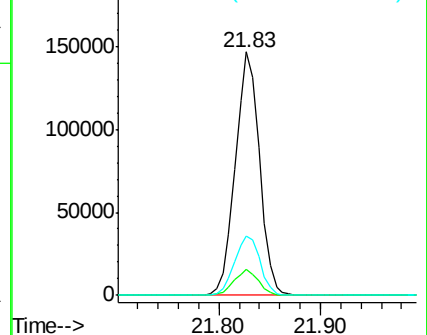
236 24.4 19.6 29.4



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: 89.88 ng

RT: 20.15 min Scan# 2946

Delta R.T. -0.00 min

Lab File: BG021648.D

Acq: 14 Apr 2016 11:32

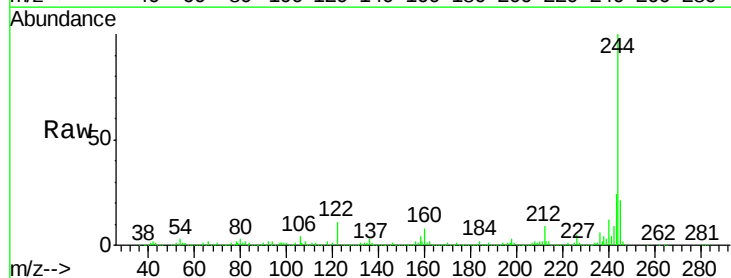
Tgt Ion:244 Resp: 874836

Ion Ratio Lower Upper

244 100

212 8.7 6.5 9.7

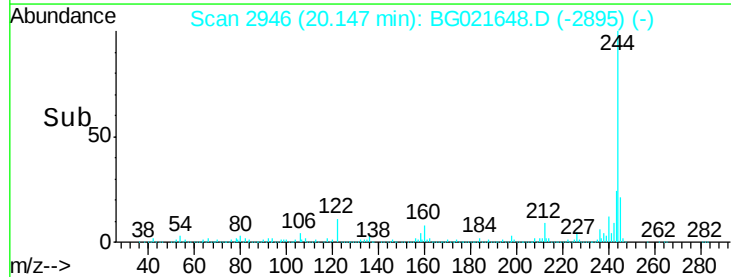
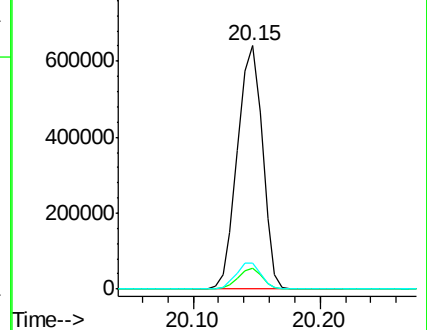
122 10.6 8.6 12.8

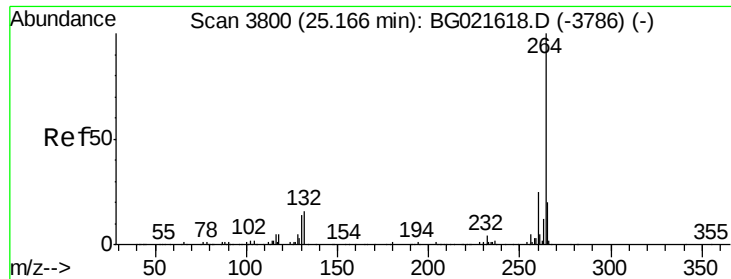


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.15 min Scan# 3798
Delta R.T. -0.01 min
Lab File: BG021648.D
Acq: 14 Apr 2016 11:32

Instrument :
BNA_G
ClientSampleId :
GMW-2

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.2	30.4
265	22.1	17.8	26.8

