

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070816\
 Data File : BG022911.D
 Acq On : 8 Jul 2016 1:23
 Operator : UM/SJ
 Sample : H3834-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-2

Quant Time: Jul 08 04:33:16 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 07 16:51:07 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	122841	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	548888	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	400404	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	927351	20.00	ng	0.00
75) Chrysene-d12	21.84	240	999859	20.00	ng	0.00
86) Perylene-d12	25.19	264	997652	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	636271	84.71	ng	0.00
7) Phenol-d6	7.30	99	679472	57.76	ng	0.00
23) Nitrobenzene-d5	9.33	82	1134347	88.49	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	891326	123.86	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2223264	87.46	ng	0.00
78) Terphenyl-d14	20.15	244	3036436	105.68	ng	0.00

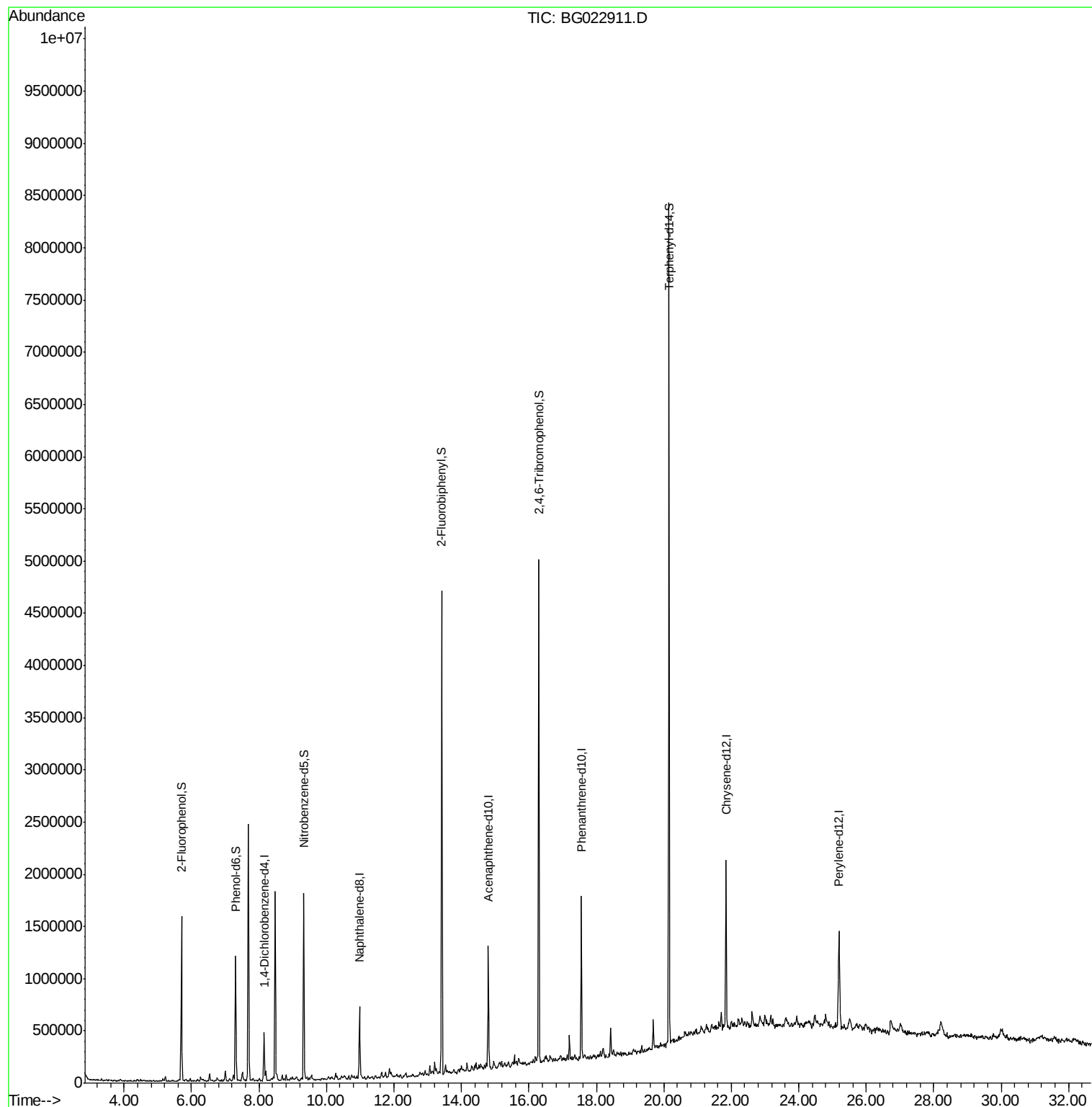
Target Compounds Qvalue

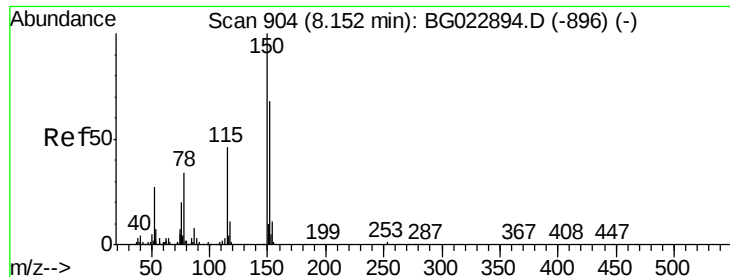
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 905

Delta R.T. 0.00 min

Lab File: BG022911.D

Acq: 8 Jul 2016 1:23

Instrument :

BNA_G

ClientSampleId :

MW-2

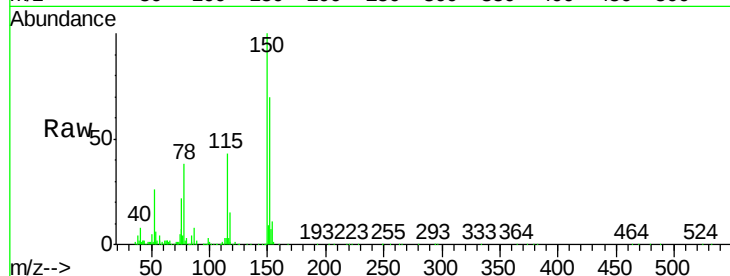
Tot Ion:152 Resp: 122841

Ion Ratio Lower Upper

152 100

150 142.2 144.7 217.1#

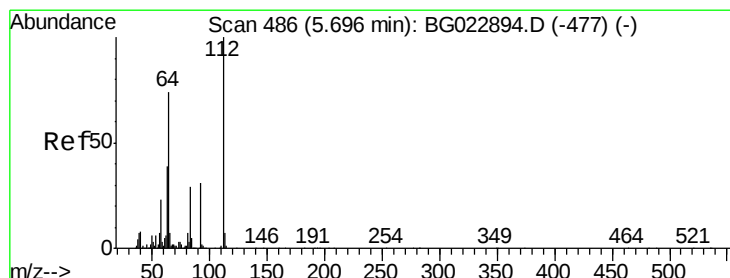
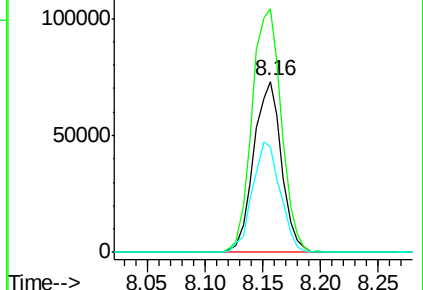
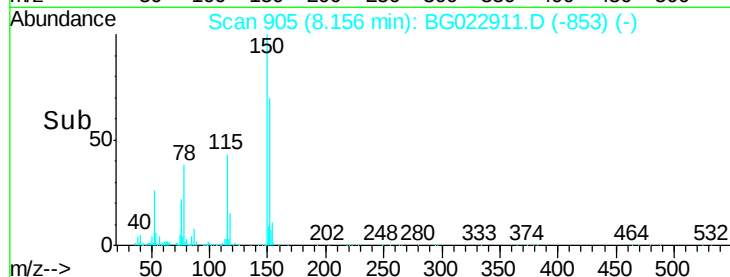
115 61.4 64.0 96.0#



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: 84.71 ng

RT: 5.70 min Scan# 487

Delta R.T. 0.01 min

Lab File: BG022911.D

Acq: 8 Jul 2016 1:23

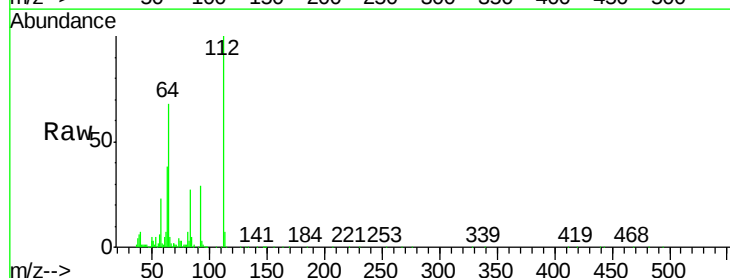
Tgt Ion:112 Resp: 636271

Ion Ratio Lower Upper

112 100

64 68.1 59.0 88.4

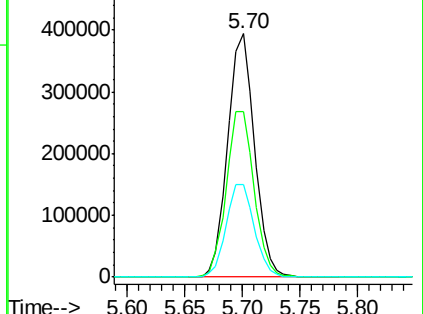
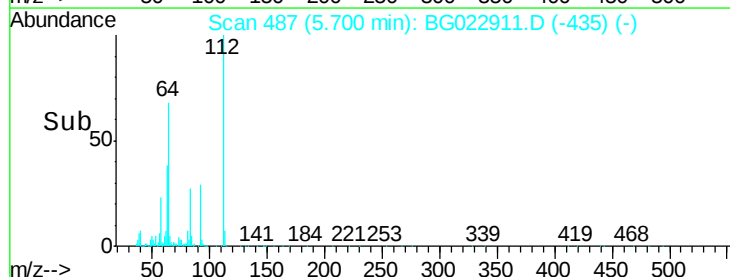
63 38.0 37.8 56.8

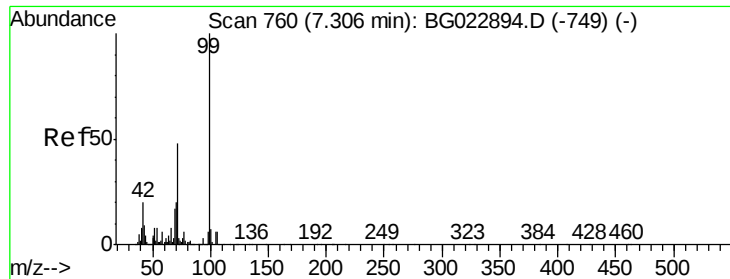


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 57.76 ng

RT: 7.30 min Scan# 760

Delta R.T. -0.00 min

Lab File: BG022911.D

Acq: 8 Jul 2016 1:23

Instrument :

BNA_G

ClientSampleId :

MW-2

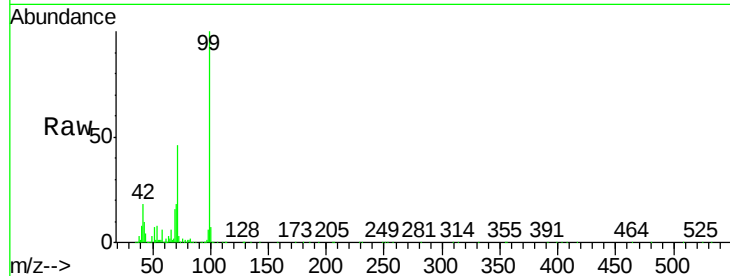
Tot Ion: 99 Resp: 679472

Ion Ratio Lower Upper

99 100

42 17.7 17.8 26.6#

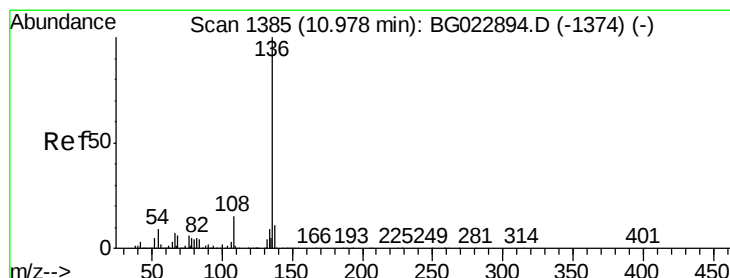
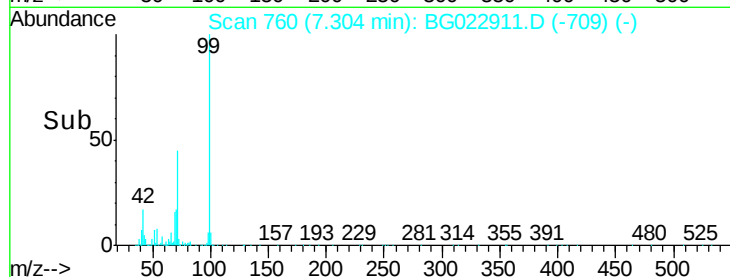
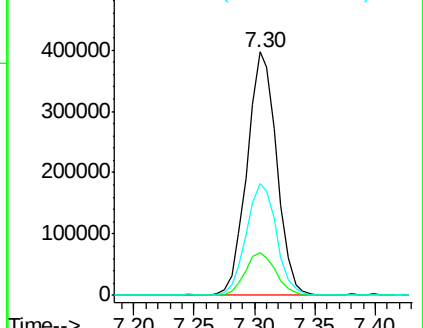
71 45.8 41.5 62.3



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.98 min Scan# 1386

Delta R.T. 0.00 min

Lab File: BG022911.D

Acq: 8 Jul 2016 1:23

Tgt Ion: 136 Resp: 548888

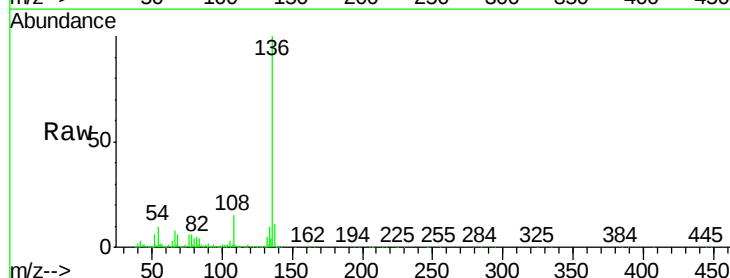
Ion Ratio Lower Upper

136 100

137 10.7 9.6 14.4

54 9.9 7.3 10.9

68 6.0 5.3 7.9

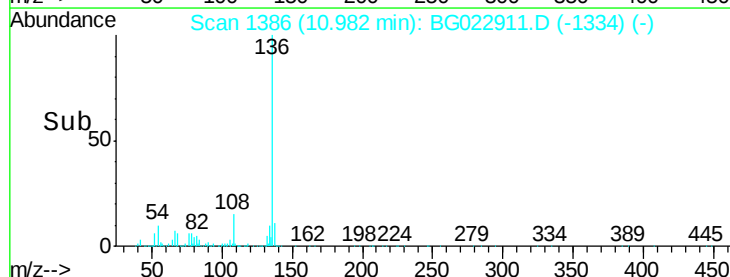
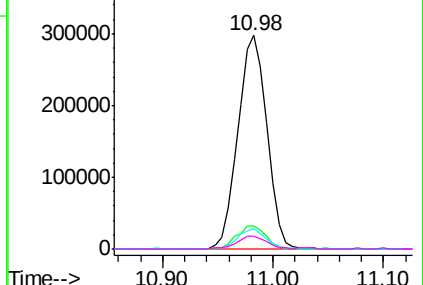


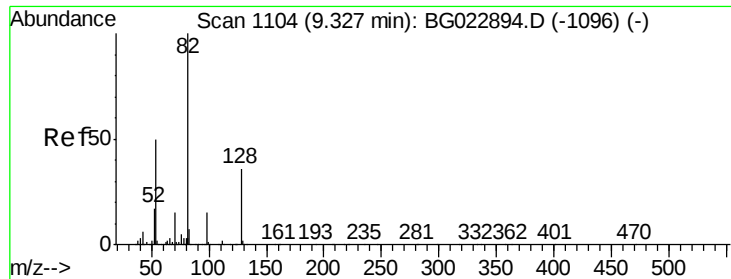
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

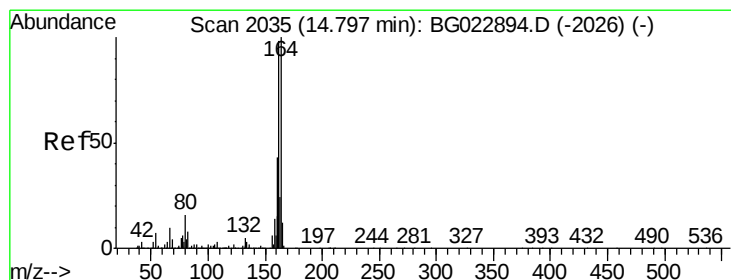
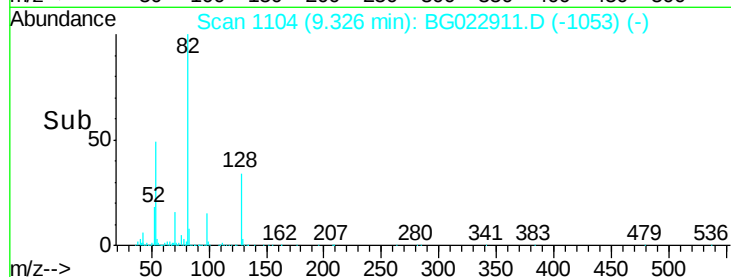
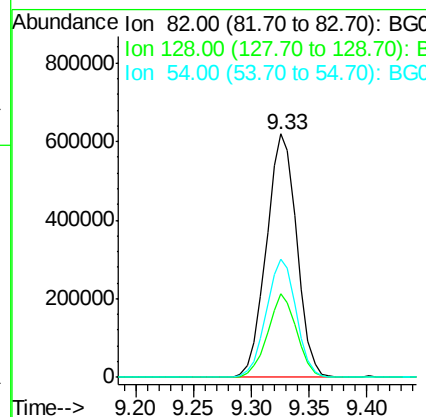
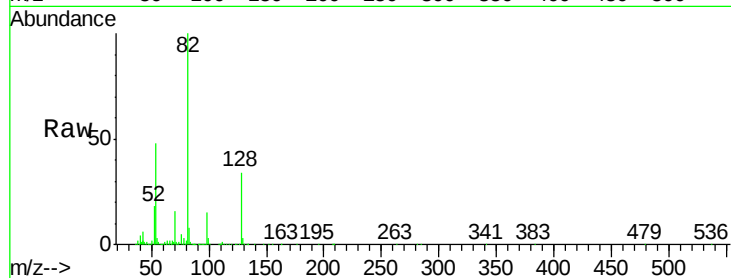




#23
 Nitrobenzene-d5
 Concen: 88.49 ng
 RT: 9.33 min Scan# 1104
 Delta R.T. -0.00 min
 Lab File: BG022911.D
 Acq: 8 Jul 2016 1:23

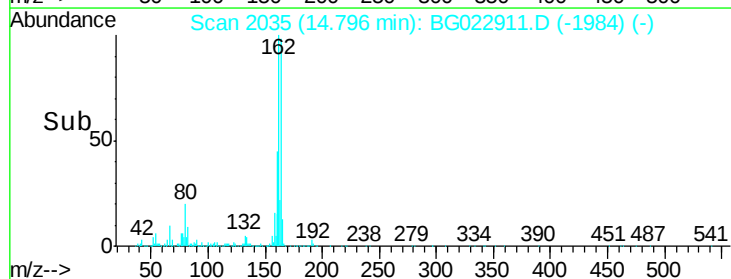
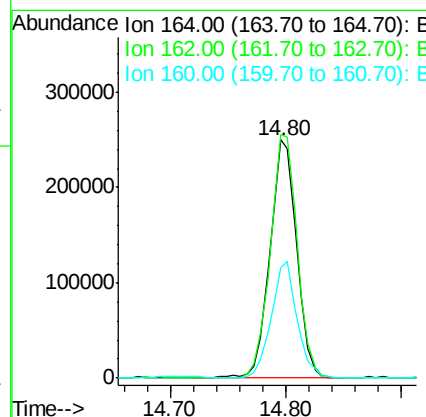
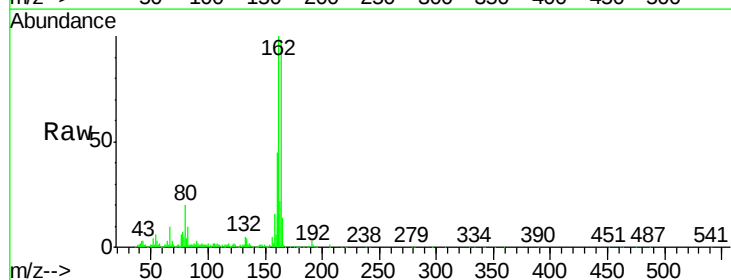
Instrument :
 BNA_G
 ClientSampled :
 MW-2

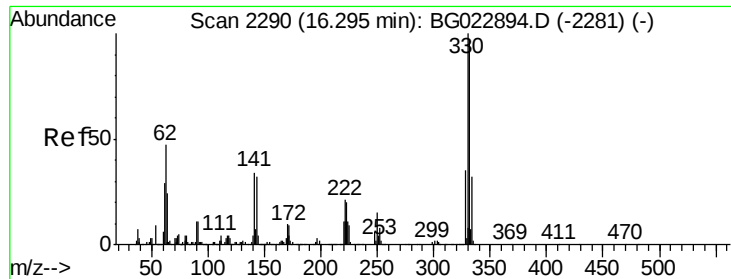
Tot Ion: 82 Resp: 1134347
 Ion Ratio Lower Upper
 82 100
 128 34.3 24.4 36.6
 54 48.4 41.4 62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: BG022911.D
 Acq: 8 Jul 2016 1:23

Tgt Ion: 164 Resp: 400404
 Ion Ratio Lower Upper
 164 100
 162 102.3 87.7 131.5
 160 46.3 37.2 55.8

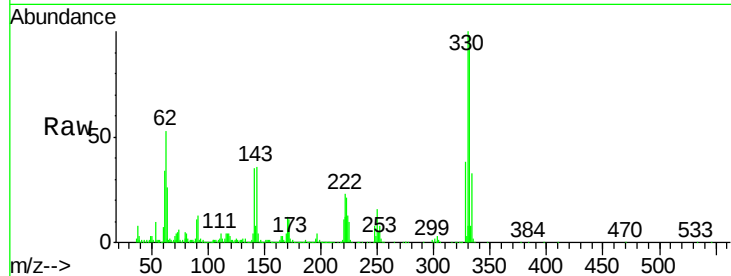




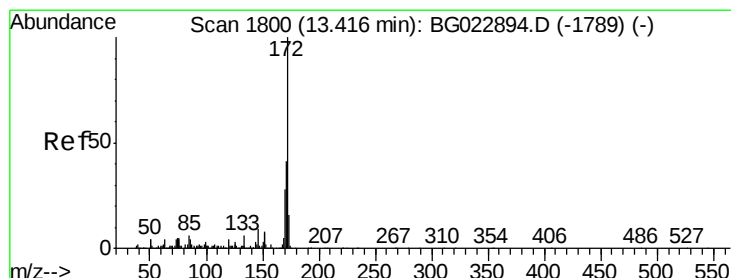
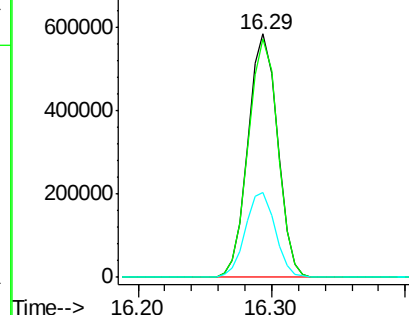
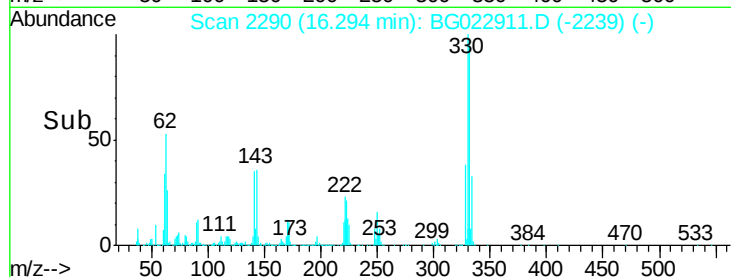
#41
 2,4,6-Tribromophenol
 Concen: 123.86 ng
 RT: 16.29 min Scan# 2290
 Delta R.T. -0.00 min
 Lab File: BG022911.D
 Acq: 8 Jul 2016 1:23

Instrument :
 BNA_G
 ClientSampleId :
 MW-2

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.4	116.2
141	35.5	31.7	47.5

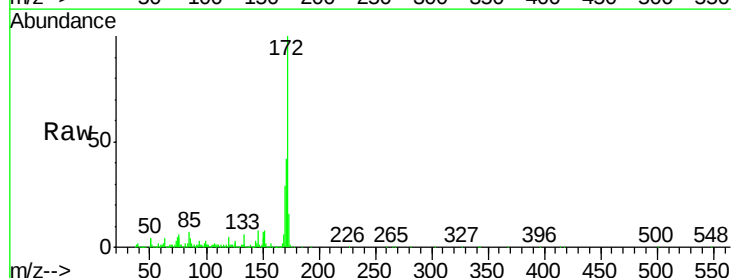


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

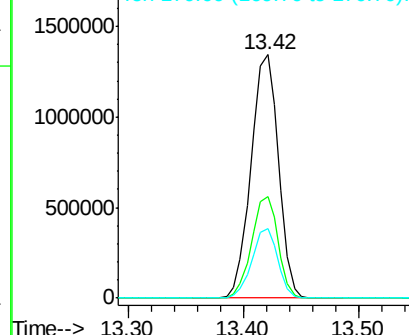
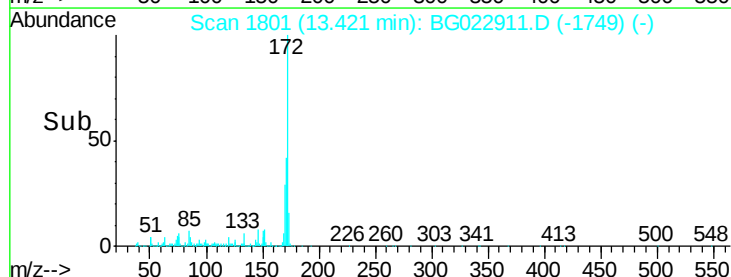


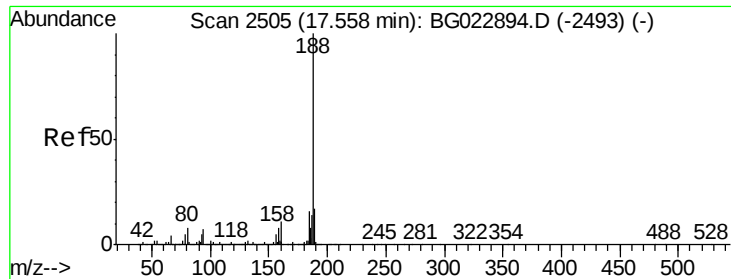
#44
 2-Fluorobiphenyl
 Concen: 87.46 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: BG022911.D
 Acq: 8 Jul 2016 1:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	41.6	31.6	47.4
170	28.7	21.3	31.9



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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.56 min Scan# 2505

Delta R.T. -0.00 min

Lab File: BG022911.D

Acq: 8 Jul 2016 1:23

Instrument :

BNA_G

ClientSampleId :

MW-2

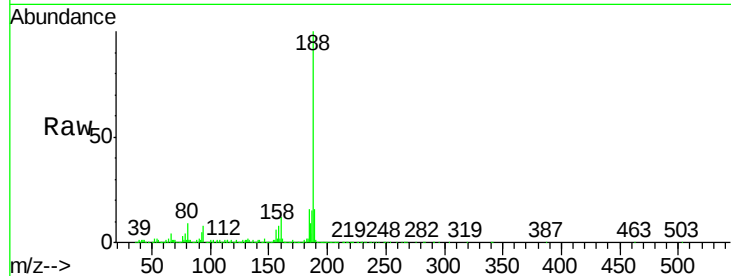
Tot Ion:188 Resp: 927351

Ion Ratio Lower Upper

188 100

94 7.6 5.2 7.8

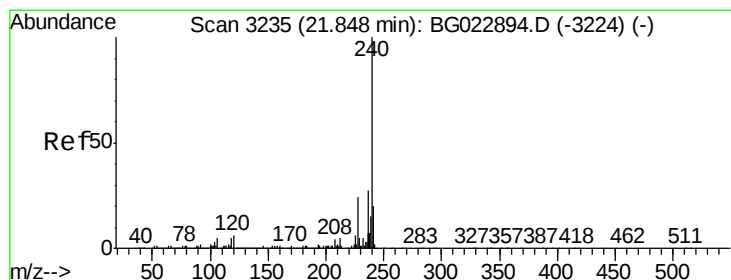
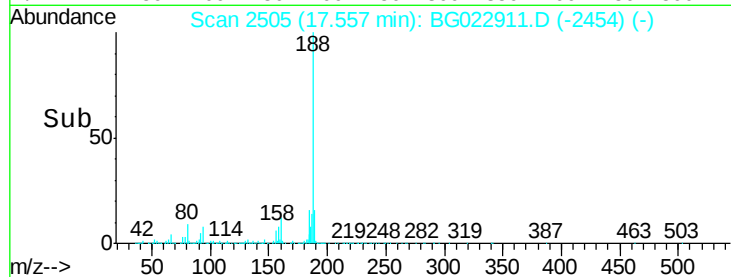
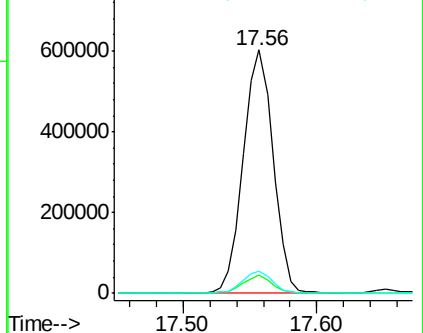
80 9.0 7.2 10.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.84 min Scan# 3234

Delta R.T. -0.01 min

Lab File: BG022911.D

Acq: 8 Jul 2016 1:23

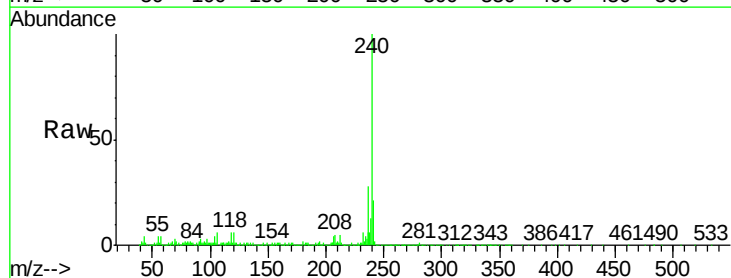
Tgt Ion:240 Resp: 999859

Ion Ratio Lower Upper

240 100

120 5.7 4.1 6.1

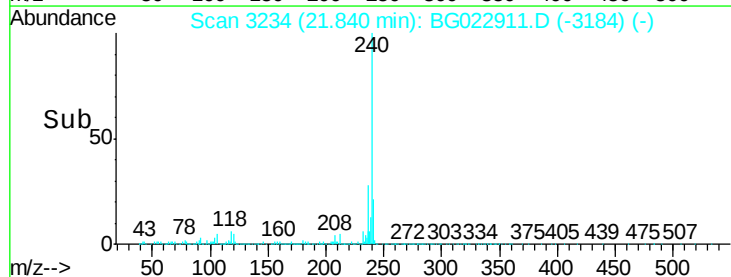
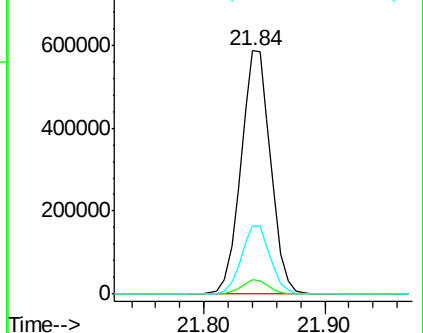
236 28.0 21.1 31.7

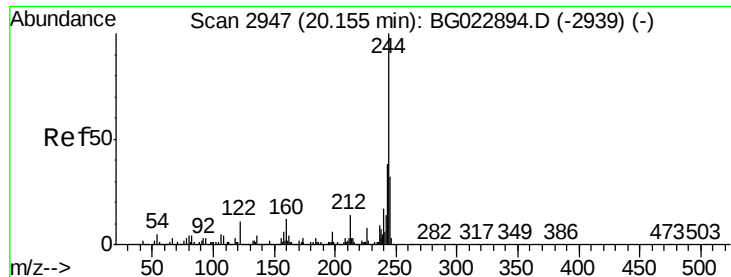


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 105.68 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.00 min

Lab File: BG022911.D

Acq: 8 Jul 2016 1:23

Instrument :

BNA_G

ClientSampleId :

MW-2

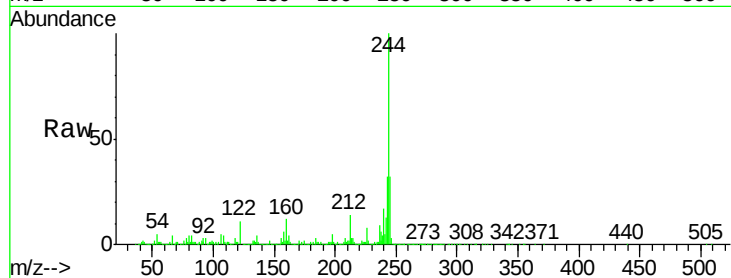
Tot Ion:244 Resp: 3036436

Ion	Ratio	Lower	Upper
244	100		
212	13.5	10.8	16.2
122	10.8	8.0	12.0

244 100

212 13.5 10.8 16.2

122 10.8 8.0 12.0

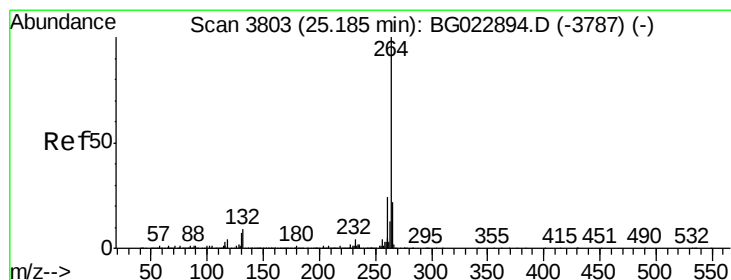
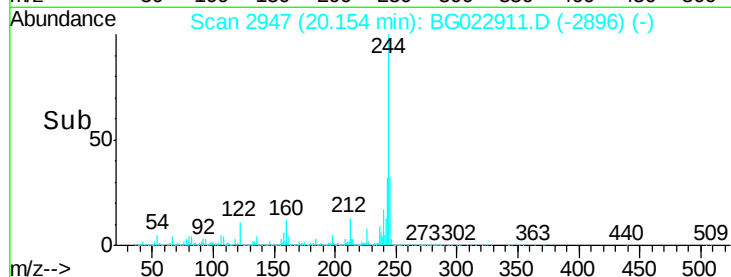
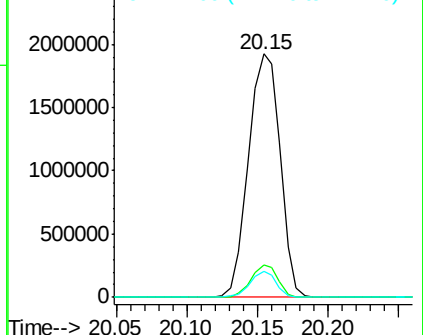


Abundance

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: 25.19 min Scan# 3804

Delta R.T. 0.00 min

Lab File: BG022911.D

Acq: 8 Jul 2016 1:23

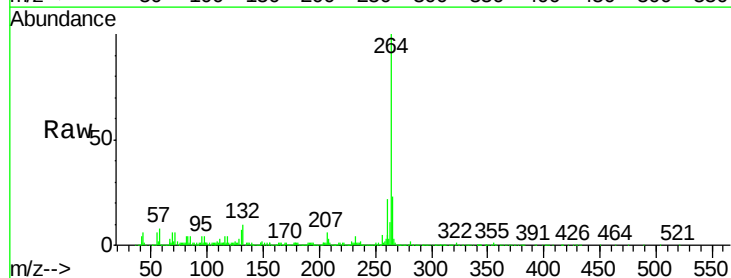
Tgt Ion:264 Resp: 997652

Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.4	27.6
265	22.9	18.9	28.3

264 100

260 22.3 18.4 27.6

265 22.9 18.9 28.3



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

