

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
 Data File : BG016964.D
 Acq On : 8 May 2015 19:29
 Operator : TP/IZ
 Sample : G2058-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BEM-11

Quant Time: May 09 00:58:44 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 08 23:46:35 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	52666	20.00	ng	0.00
21) Naphthalene-d8	10.59	136	243895	20.00	ng	0.00
38) Acenaphthene-d10	14.43	164	165418	20.00	ng	0.00
63) Phenanthrene-d10	17.17	188	389528	20.00	ng	0.00
75) Chrysene-d12	21.34	240	389625	20.00	ng	-0.02
86) Perylene-d12	23.64	264	374874	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	150350	49.71	ng	0.00
7) Phenol-d6	6.96	99	148158	34.29	ng	0.00
23) Nitrobenzene-d5	8.95	82	344489	69.00	ng	0.00
41) 2,4,6-Tribromophenol	15.92	330	280887	169.14	ng	0.00
44) 2-Fluorobiphenyl	13.05	172	854837	77.98	ng	0.00
78) Terphenyl-d14	19.80	244	1560162	93.87	ng	0.00

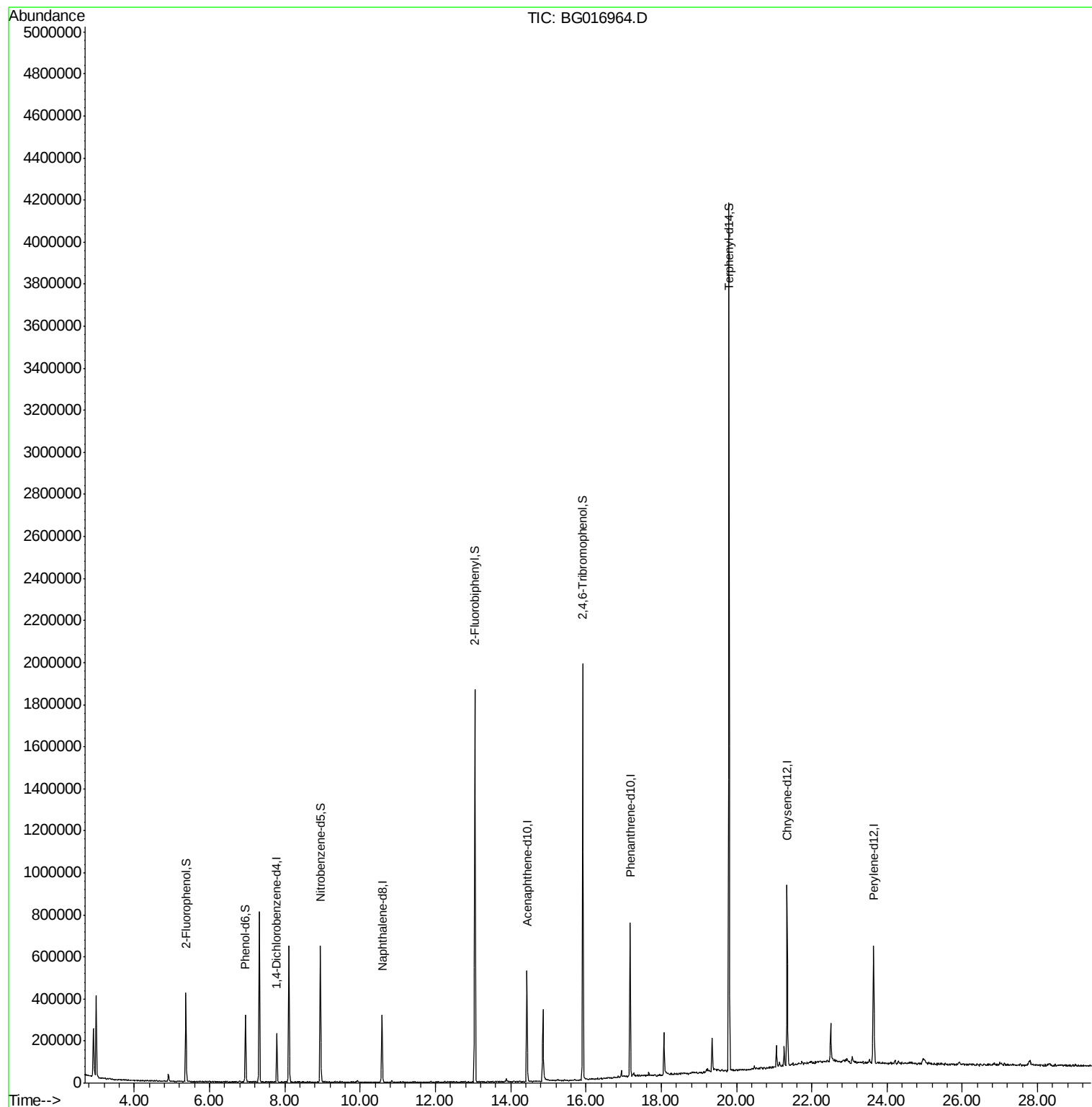
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.79 min Scan# 868

Delta R.T. -0.00 min

Lab File: BG016964.D

Acq: 8 May 2015 19:29

Instrument :

BNA_G

ClientSampleId :

BEM-11

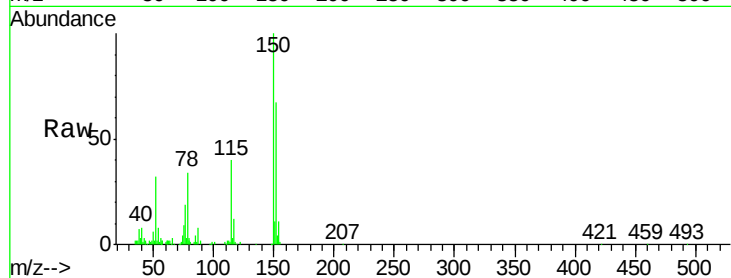
Tgt Ion:152 Resp: 52666

Ion Ratio Lower Upper

152 100

150 149.4 121.0 181.4

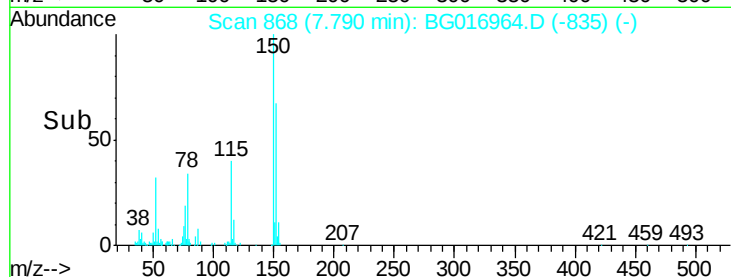
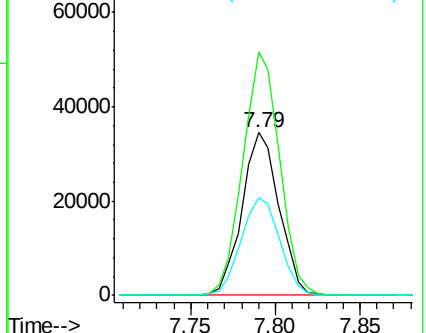
115 60.3 50.5 75.7



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



#5

2-Fluorophenol

Concen: 49.71 ng

RT: 5.38 min Scan# 457

Delta R.T. 0.00 min

Lab File: BG016964.D

Acq: 8 May 2015 19:29

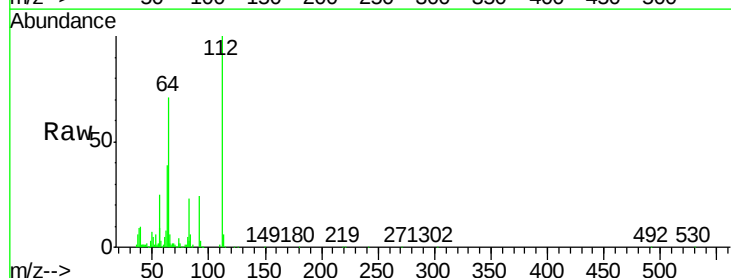
Tgt Ion:112 Resp: 150350

Ion Ratio Lower Upper

112 100

64 70.6 51.4 77.2

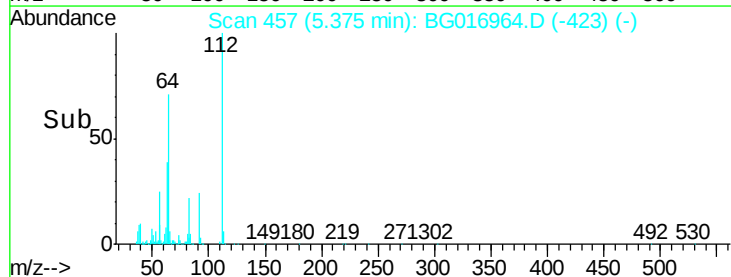
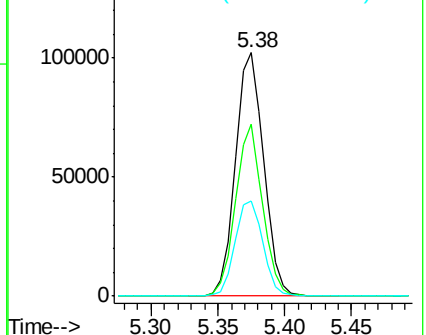
63 39.1 28.1 42.1

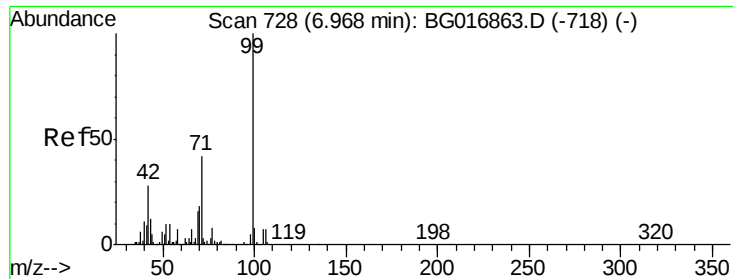


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 34.29 ng

RT: 6.96 min Scan# 726

Delta R.T. -0.01 min

Lab File: BG016964.D

Acq: 8 May 2015 19:29

Instrument :

BNA_G

ClientSampleId :

BEM-11

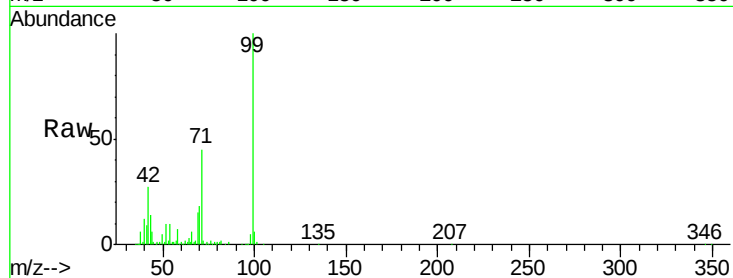
Tgt Ion: 99 Resp: 148158

Ion Ratio Lower Upper

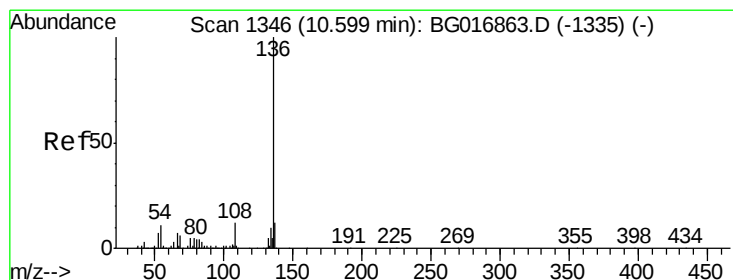
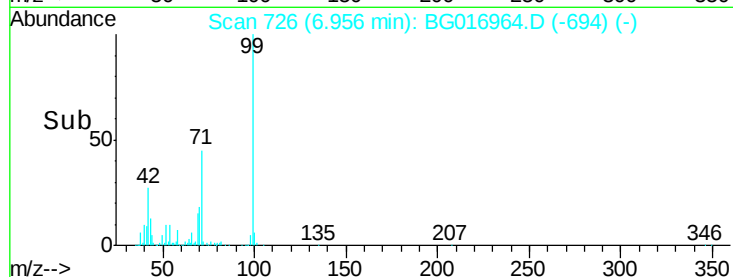
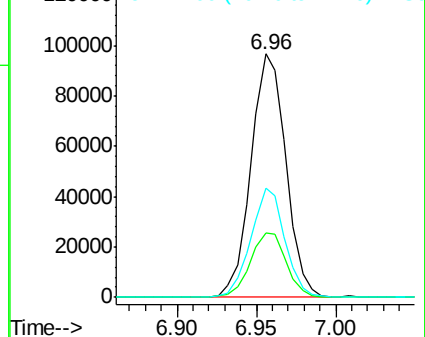
99 100

42 26.6 22.1 33.1

71 44.8 33.4 50.0



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: 10.59 min Scan# 1344

Delta R.T. -0.00 min

Lab File: BG016964.D

Acq: 8 May 2015 19:29

Tgt Ion: 136 Resp: 243895

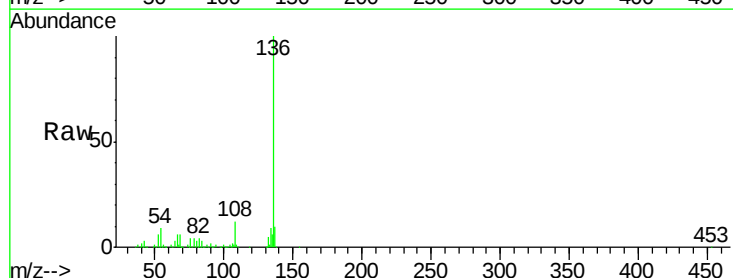
Ion Ratio Lower Upper

136 100

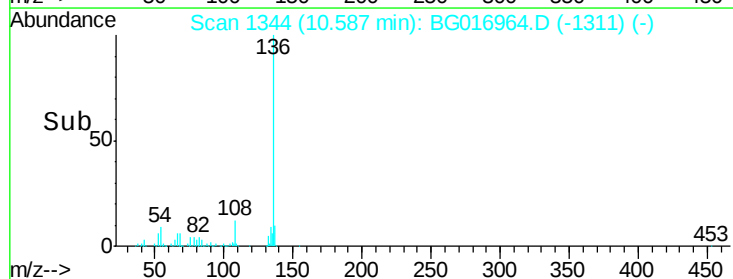
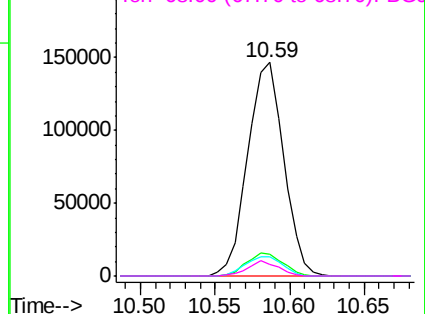
137 10.5 9.8 14.8

54 9.3 8.7 13.1

68 5.6 5.0 7.4



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

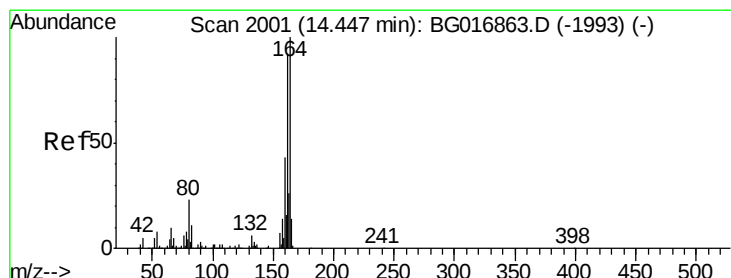
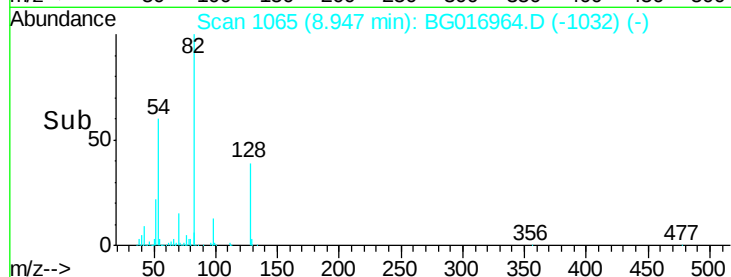
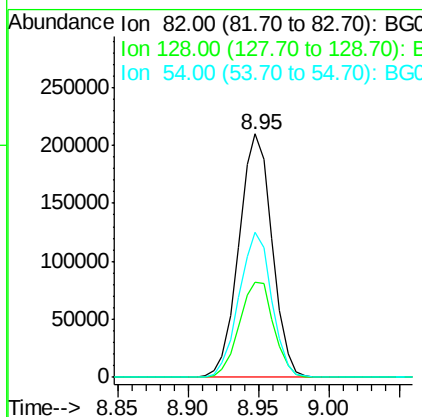
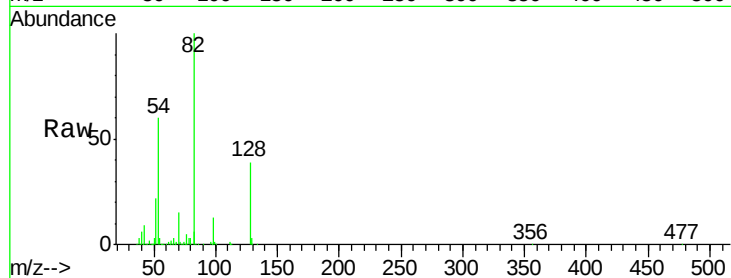




#23
 Nitrobenzene-d5
 Concen: 69.00 ng
 RT: 8.95 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: BG016964.D
 Acq: 8 May 2015 19:29

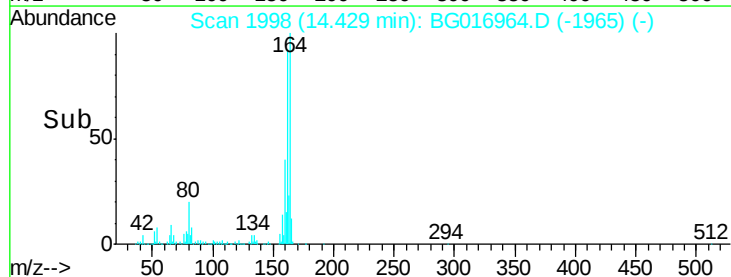
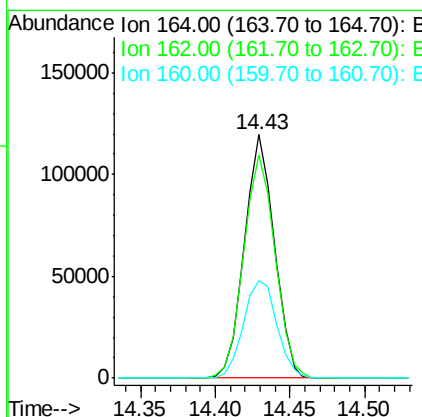
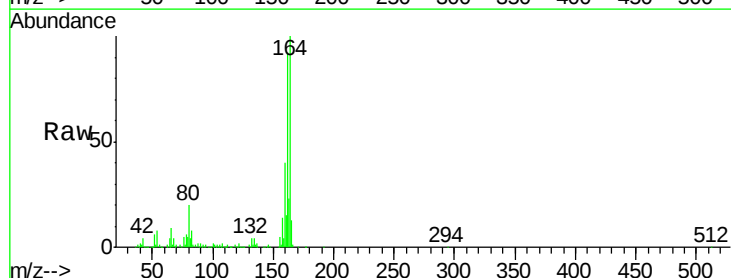
Instrument :
 BNA_G
 ClientSampleId :
 BEM-11

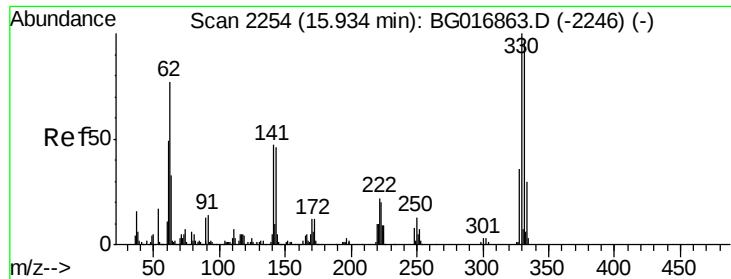
Tgt Ion: 82 Resp: 344489
 Ion Ratio Lower Upper
 82 100
 128 39.2 33.2 49.8
 54 59.7 48.6 72.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.43 min Scan# 1998
 Delta R.T. -0.00 min
 Lab File: BG016964.D
 Acq: 8 May 2015 19:29

Tgt Ion: 164 Resp: 165418
 Ion Ratio Lower Upper
 164 100
 162 91.6 74.0 111.0
 160 39.9 34.7 52.1

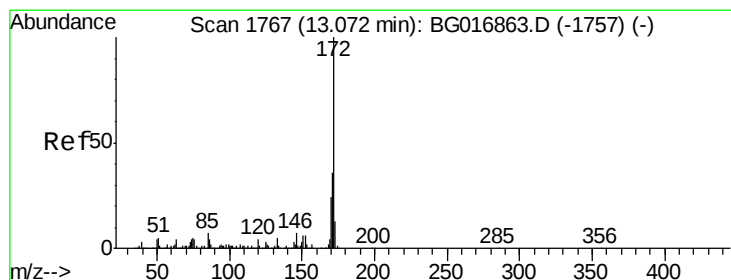
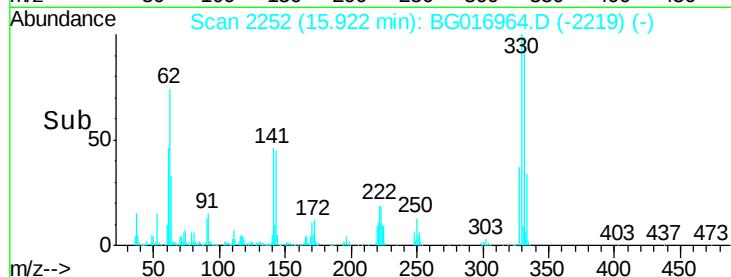
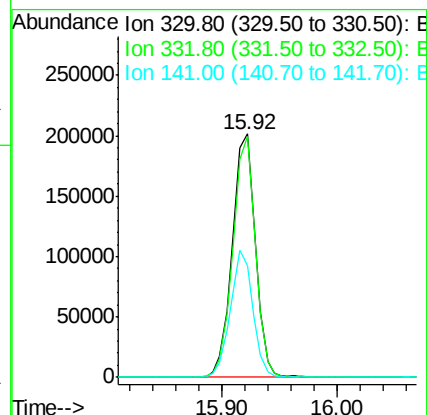
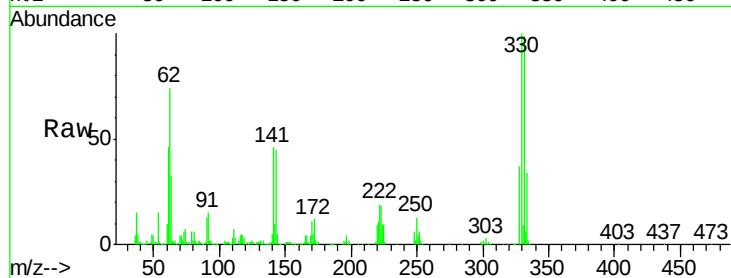




#41
 2,4,6-Tribromophenol
 Concen: 169.14 ng
 RT: 15.92 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: BG016964.D
 Acq: 8 May 2015 19:29

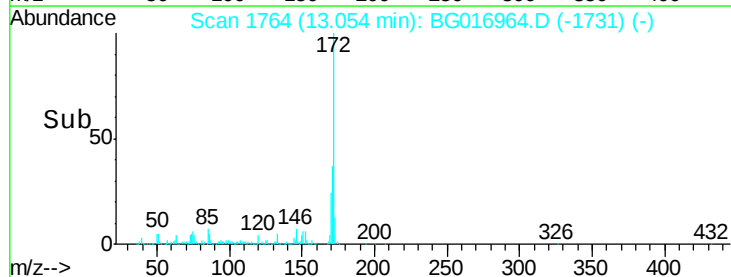
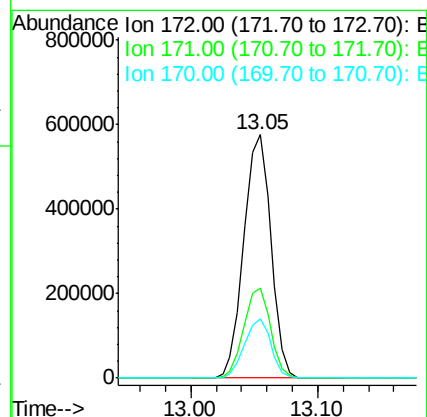
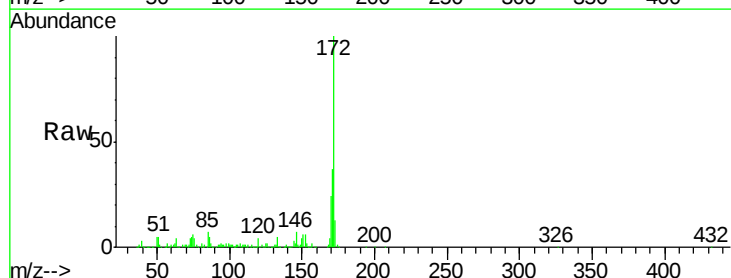
Instrument :
 BNA_G
 ClientSampleId :
 BEM-11

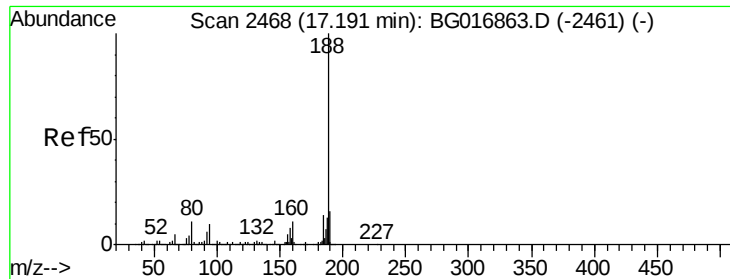
Tgt Ion:330 Resp: 280887
 Ion Ratio Lower Upper
 330 100
 332 96.3 0.0 0.0#
 141 50.3 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 77.98 ng
 RT: 13.05 min Scan# 1764
 Delta R.T. -0.00 min
 Lab File: BG016964.D
 Acq: 8 May 2015 19:29

Tgt Ion:172 Resp: 854837
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.0 43.4
 170 24.3 19.0 28.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.17 min Scan# 2465

Delta R.T. -0.00 min

Lab File: BG016964.D

Acq: 8 May 2015 19:29

Instrument :

BNA_G

ClientSampleId :

BEM-11

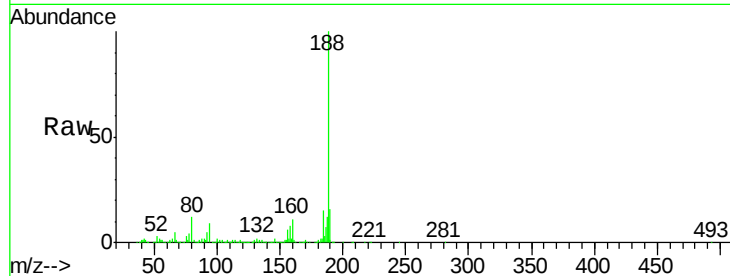
Tgt Ion:188 Resp: 389528

Ion Ratio Lower Upper

188 100

94 9.1 8.2 12.4

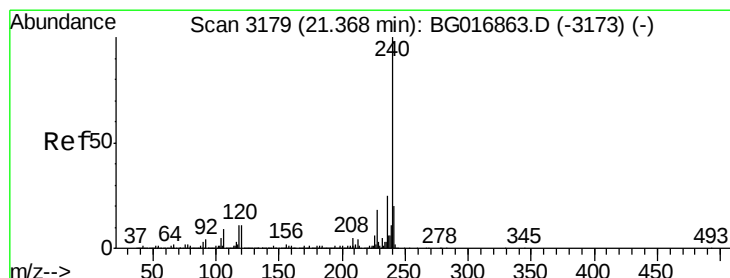
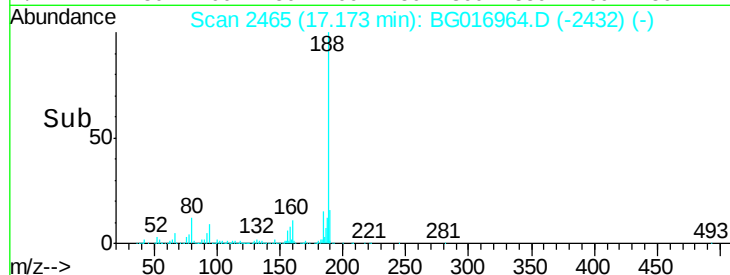
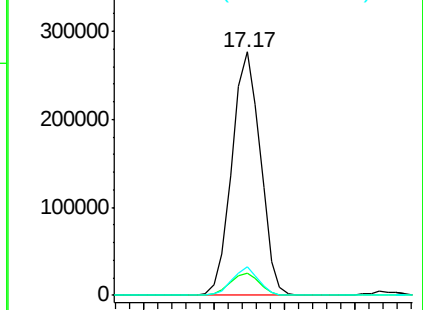
80 11.7 8.8 13.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): B

Ion 80.00 (79.70 to 80.70): B



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.34 min Scan# 3175

Delta R.T. -0.02 min

Lab File: BG016964.D

Acq: 8 May 2015 19:29

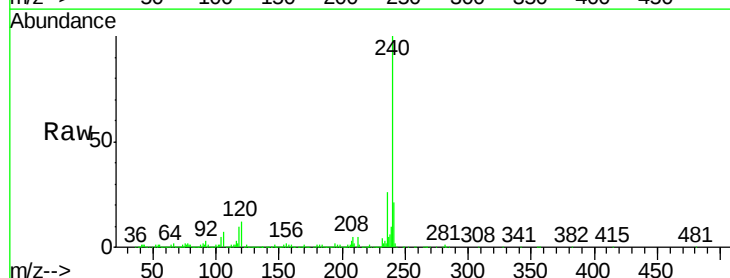
Tgt Ion:240 Resp: 389625

Ion Ratio Lower Upper

240 100

120 11.8 9.1 13.7

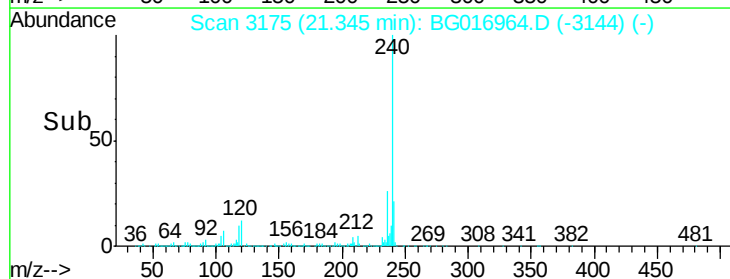
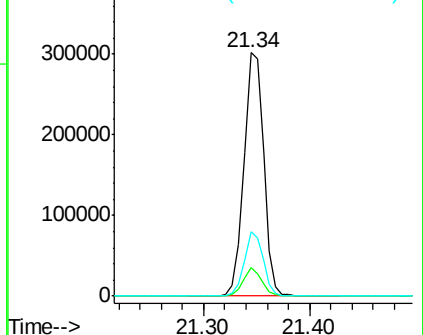
236 26.3 20.2 30.4

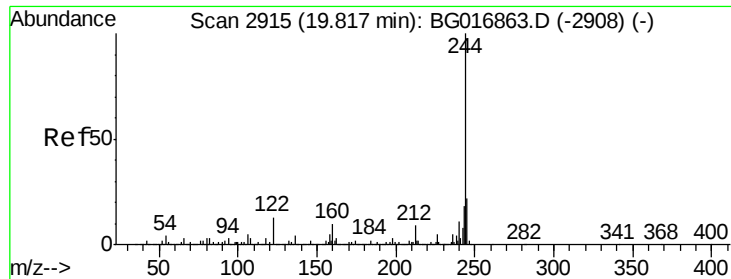


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 93.87 ng

RT: 19.80 min Scan# 2912

Delta R.T. -0.01 min

Lab File: BG016964.D

Acq: 8 May 2015 19:29

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BEM-11

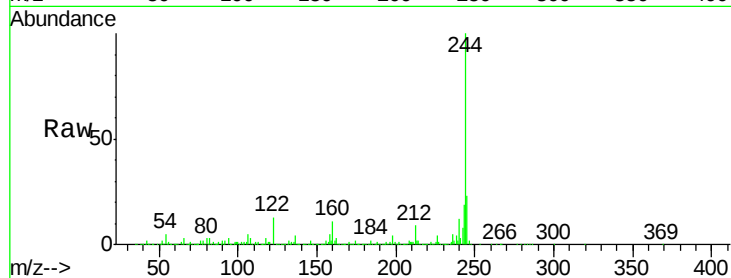
Tgt Ion:244 Resp: 1560162

Ion Ratio Lower Upper

244 100

212 9.0 7.0 10.6

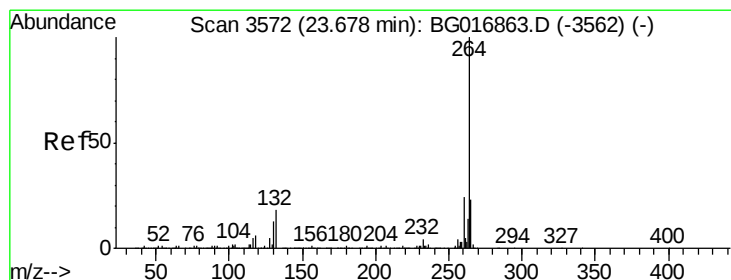
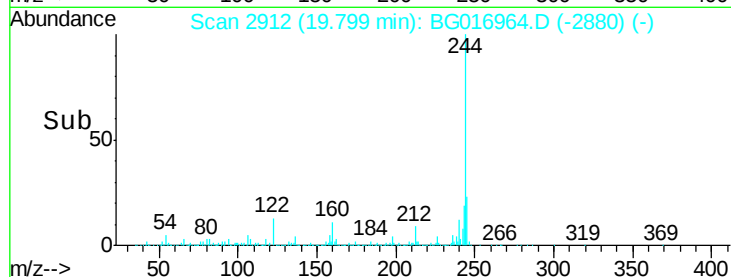
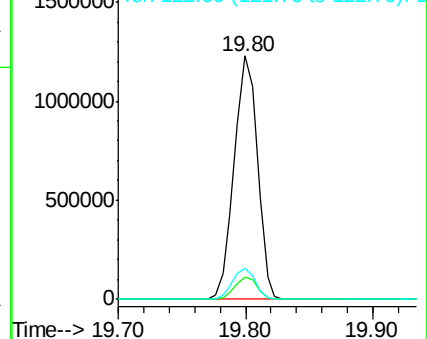
122 12.7 10.4 15.6



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: 23.64 min Scan# 3566

Delta R.T. -0.02 min

Lab File: BG016964.D

Acq: 8 May 2015 19:29

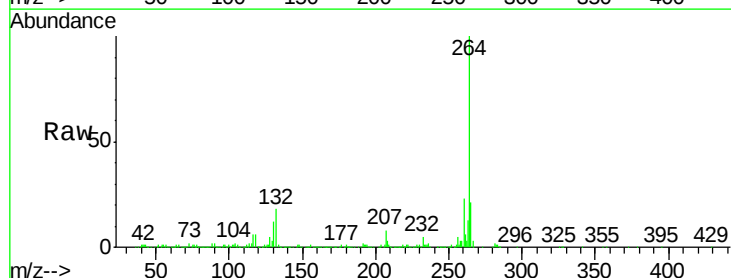
Tgt Ion:264 Resp: 374874

Ion Ratio Lower Upper

264 100

260 23.2 19.5 29.3

265 21.3 18.5 27.7



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

