

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050115\
 Data File : BM001174.D
 Acq On : 02 May 2015 19:25
 Operator : TP/IZ
 Sample : G2058-02
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEM-8

Quant Time: May 04 17:44:09 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SIMPAH-BM050115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 04 16:48:07 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	14041	5.00	ng	0.00
6) Naphthalene-d8	10.31	136	52319	5.00	ng	0.00
12) Acenaphthene-d10	14.20	164	28393	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	69676	5.00	ng	0.00
24) Chrysene-d12	21.15	240	53260	5.00	ng	0.00
30) Perylene-d12	23.29	264	39957	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.11	112	198113	72.55	ng	-0.01
5) Phenol-d6	6.71	99	161910	48.12	ng	0.00
7) Nitrobenzene-d5	8.69	82	396788	133.89	ng	0.00
13) 2,4,6-Tribromophenol	15.69	330	246218	174.17	ng	0.00
14) 2-Fluorobiphenyl	12.81	172	1066563	113.59	ng	0.00
26) Terphenyl-d14	19.59	244	841579	114.60	ng	0.00

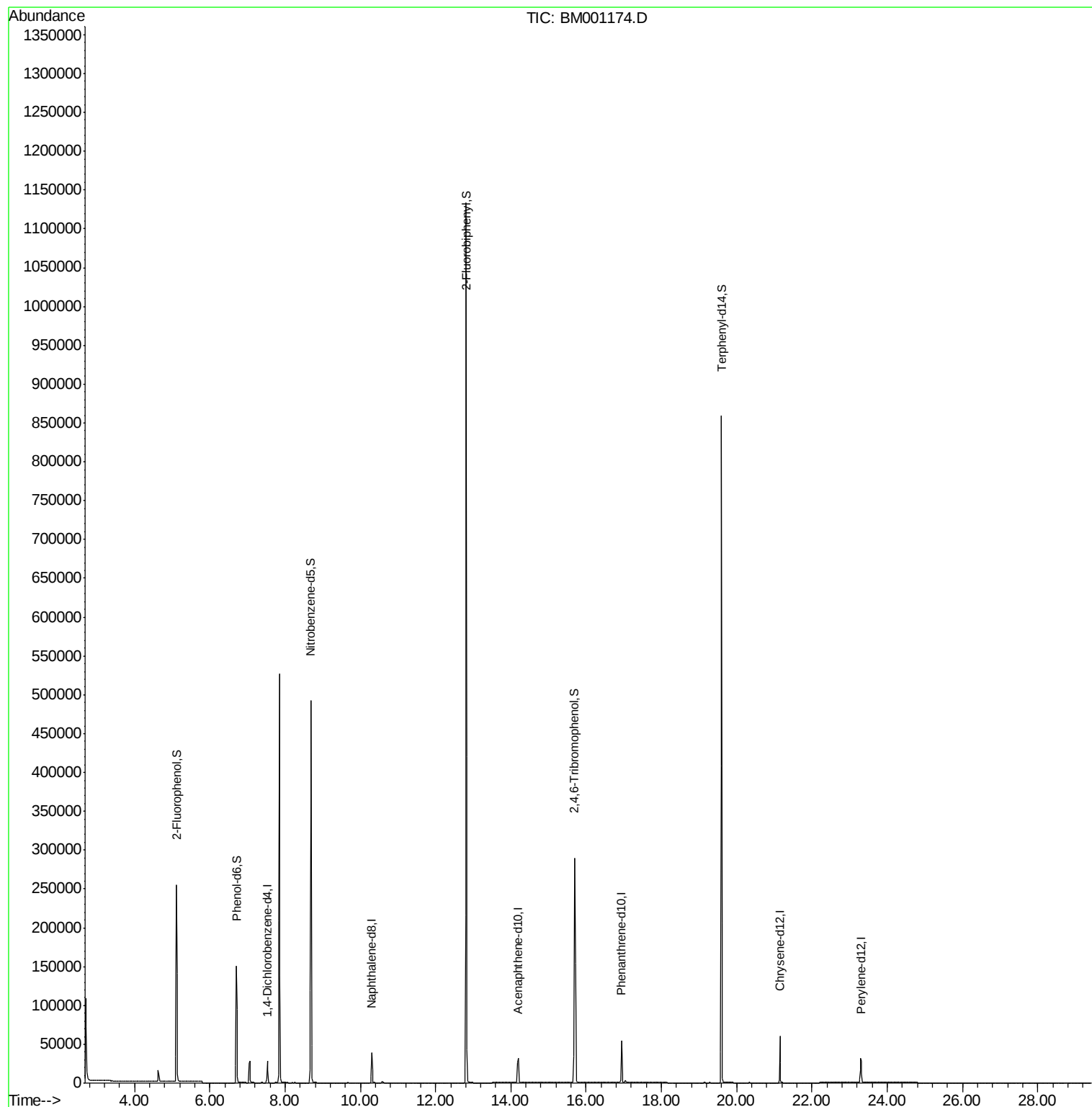
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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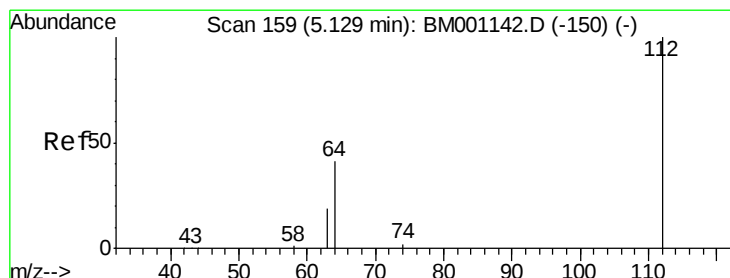
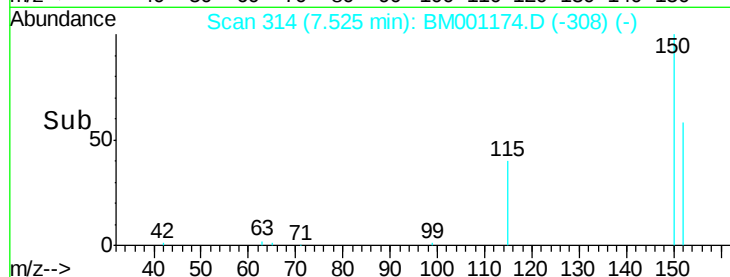
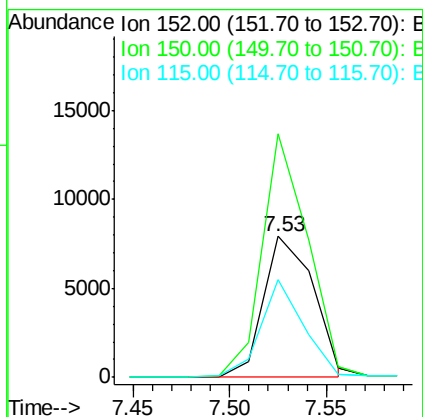
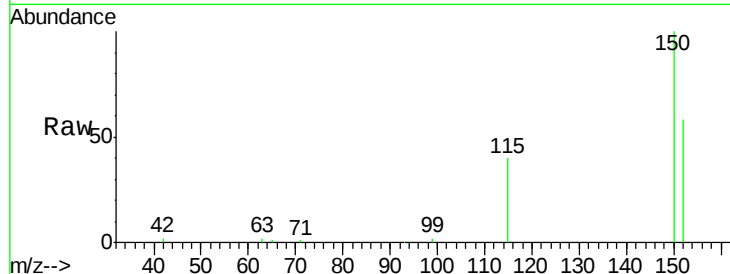


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.53 min Scan# 314
Delta R.T. 0.00 min
Lab File: BM001174.D
Acq: 02 May 2015 19:25

Instrument :
BNA_M
ClientSampled :
BEM-8

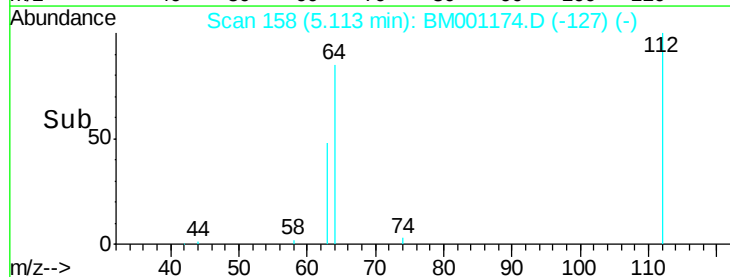
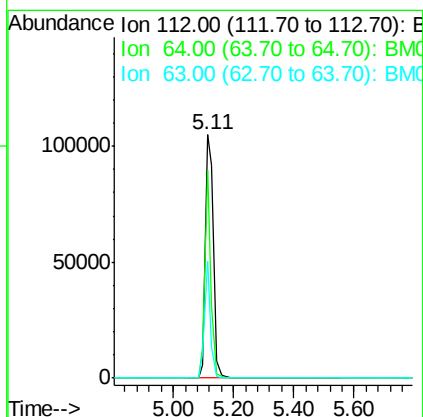
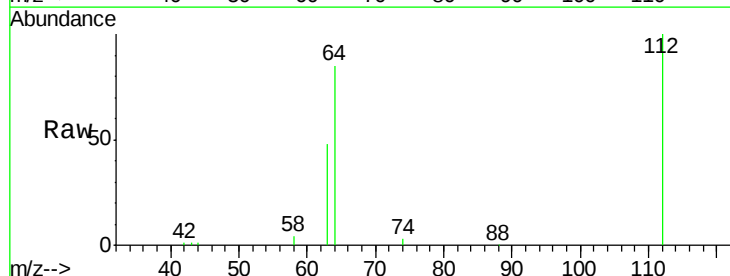
Tot Ion:152 Resp: 14041
Ion Ratio Lower Upper
152 100
150 172.8 140.1 210.1
115 69.5 57.8 86.6

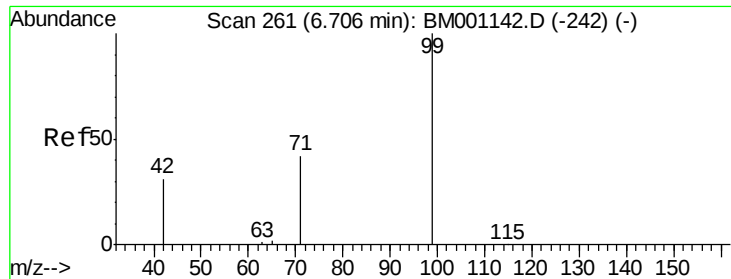


#4

2-Fluorophenol
Concen: 72.55 ng
RT: 5.11 min Scan# 158
Delta R.T. -0.01 min
Lab File: BM001174.D
Acq: 02 May 2015 19:25

Tgt Ion:112 Resp: 198113
Ion Ratio Lower Upper
112 100
64 64.7 52.6 79.0
63 35.6 29.5 44.3





#5

Phenol-d6

Concen: 48.12 ng

RT: 6.71 min Scan# 261

Delta R.T. 0.00 min

Lab File: BM001174.D

Acq: 02 May 2015 19:25

Instrument :

BNA_M

ClientSampleId :

BEM-8

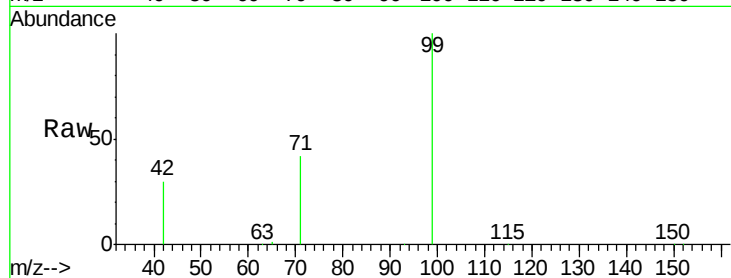
Tot Ion: 99 Resp: 161910

Ion Ratio Lower Upper

99 100

42 23.6 20.9 31.3

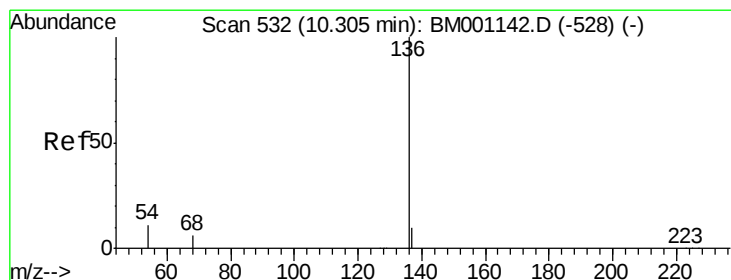
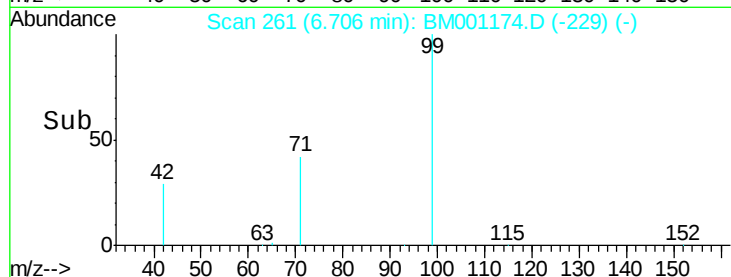
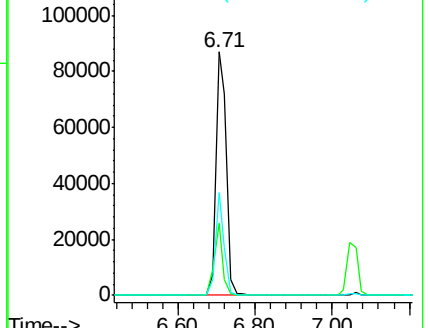
71 35.1 28.5 42.7



Abundance Ion 99.00 (98.70 to 99.70): BM001174.D (-229) (-)

Ion 42.00 (41.70 to 42.70): BM001174.D (-229) (-)

Ion 71.00 (70.70 to 71.70): BM001174.D (-229) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.31 min Scan# 532

Delta R.T. 0.00 min

Lab File: BM001174.D

Acq: 02 May 2015 19:25

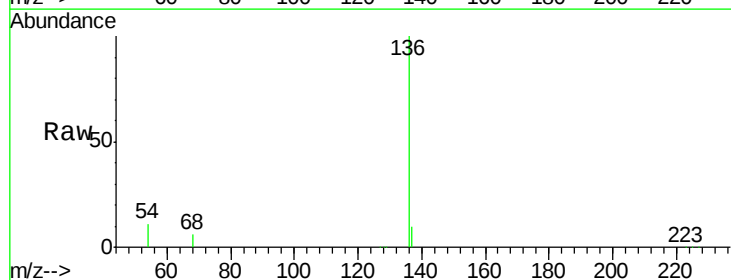
Tgt Ion: 136 Resp: 52319

Ion Ratio Lower Upper

136 100

137 10.4 8.2 12.4

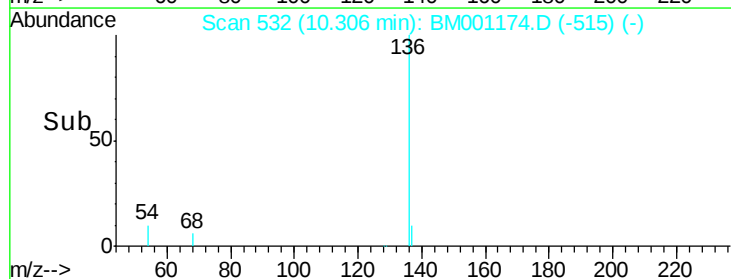
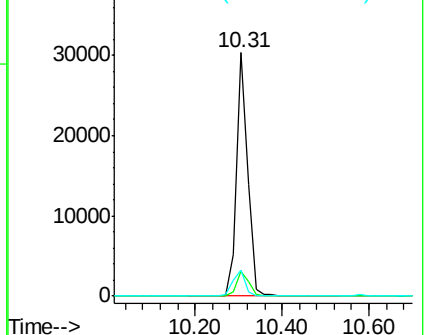
54 10.5 9.0 13.4

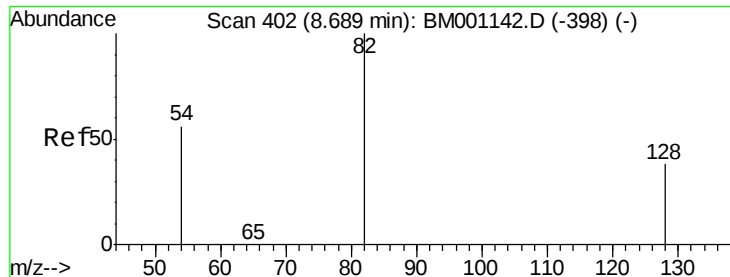


Abundance Ion 136.00 (135.70 to 136.70): BM001174.D (-515) (-)

Ion 137.00 (136.70 to 137.70): BM001174.D (-515) (-)

Ion 54.00 (53.70 to 54.70): BM001174.D (-515) (-)





#7

Nitrobenzene-d5

Concen: 133.89 ng

RT: 8.69 min Scan# 402

Delta R.T. 0.00 min

Lab File: BM001174.D

Acq: 02 May 2015 19:25

Instrument :

BNA_M

ClientSampleId :

BEM-8

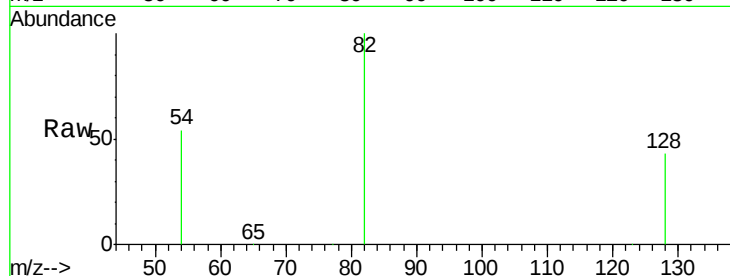
Tot Ion: 82 Resp: 396788

Ion Ratio Lower Upper

82 100

128 42.8 31.9 47.9

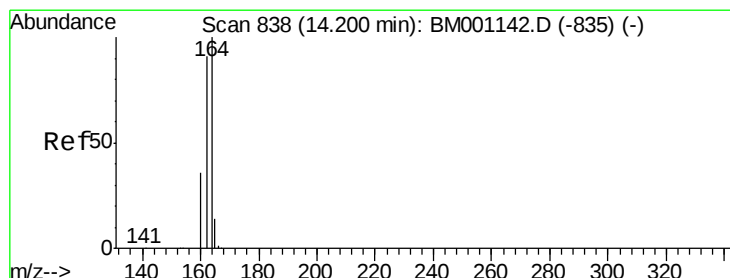
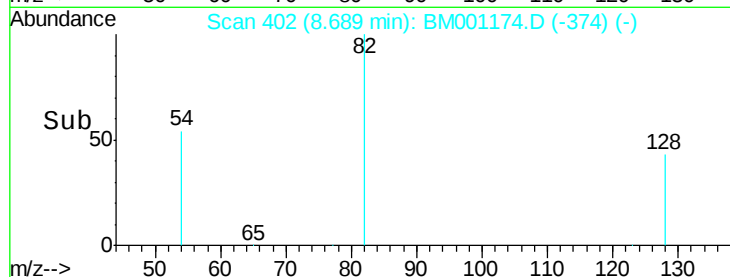
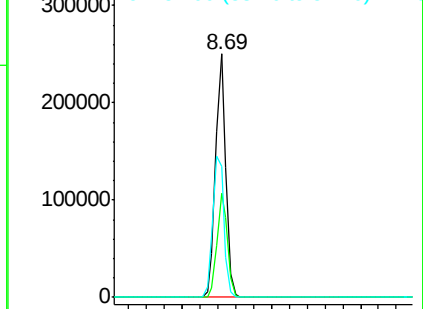
54 53.6 46.2 69.2



Abundance Ion 82.00 (81.70 to 82.70): BM001174.D (-374) (-)

Ion 128.00 (127.70 to 128.70): BM001174.D (-374) (-)

Ion 54.00 (53.70 to 54.70): BM001174.D (-374) (-)



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.20 min Scan# 838

Delta R.T. 0.00 min

Lab File: BM001174.D

Acq: 02 May 2015 19:25

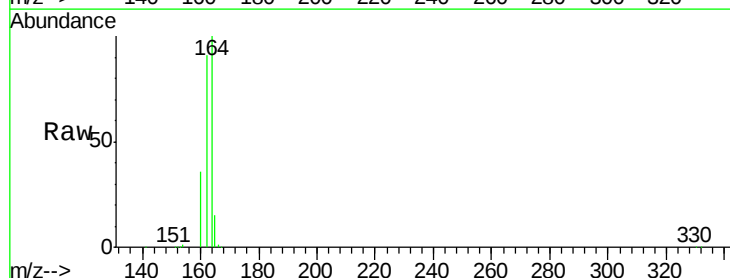
Tgt Ion: 164 Resp: 28393

Ion Ratio Lower Upper

164 100

162 90.8 72.7 109.1

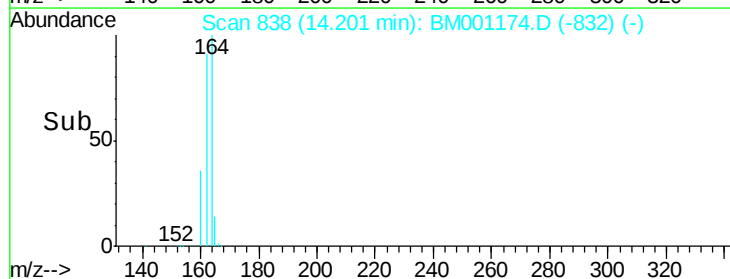
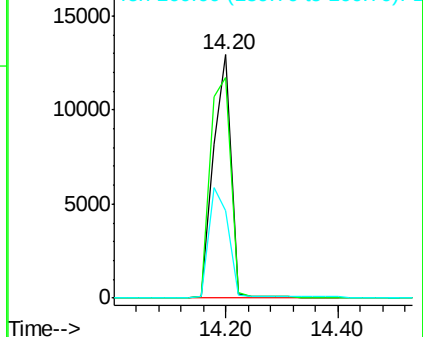
160 35.8 28.7 43.1

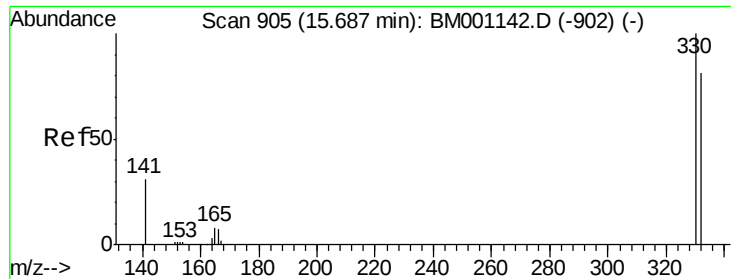


Abundance Ion 164.00 (163.70 to 164.70): BM001174.D (-832) (-)

Ion 162.00 (161.70 to 162.70): BM001174.D (-832) (-)

Ion 160.00 (159.70 to 160.70): BM001174.D (-832) (-)

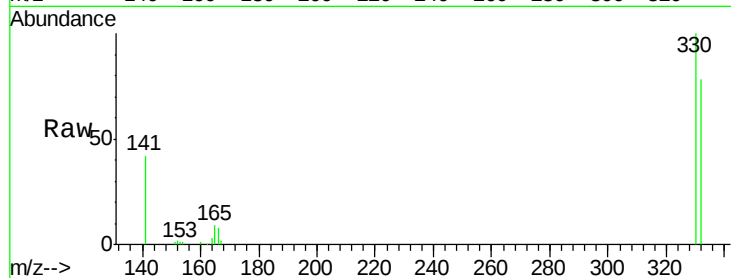




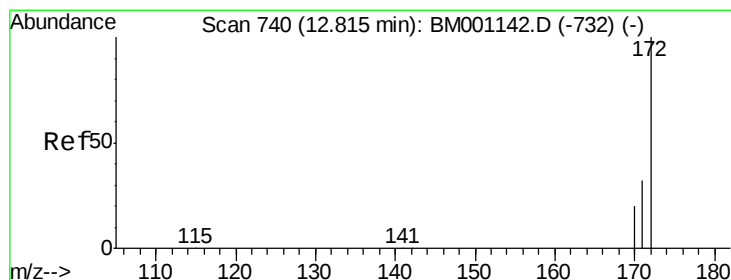
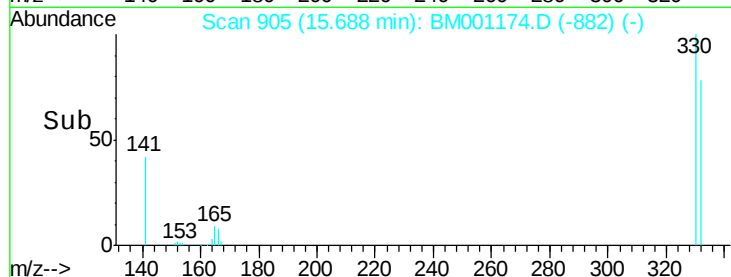
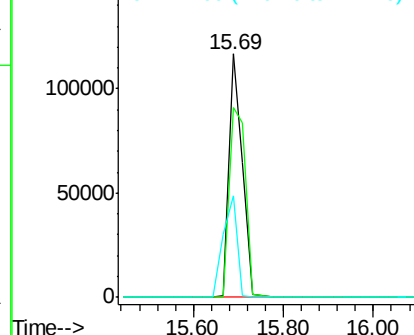
#13
 2,4,6-Tribromophenol
 Concen: 174.17 ng
 RT: 15.69 min Scan# 905
 Delta R.T. 0.00 min
 Lab File: BM001174.D
 Acq: 02 May 2015 19:25

Instrument :
 BNA_M
 ClientSampleId :
 BEM-8

Tot Ion:330 Resp: 246218
 Ion Ratio Lower Upper
 330 100
 332 96.3 74.5 111.7
 141 44.0 21.0 31.4#

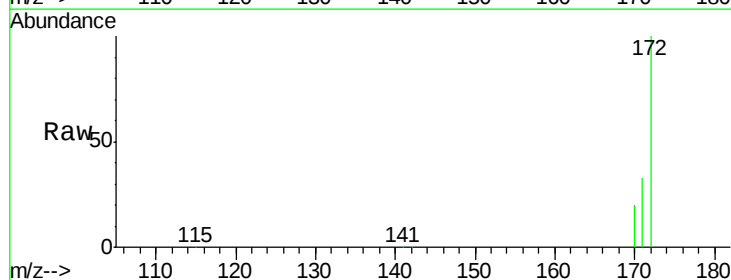


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

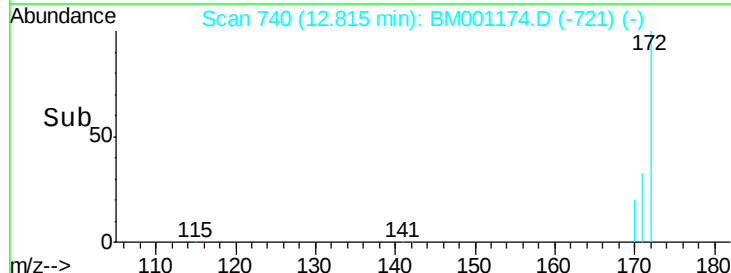
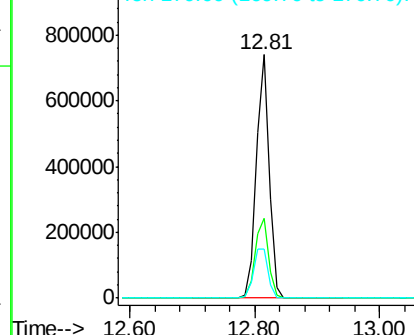


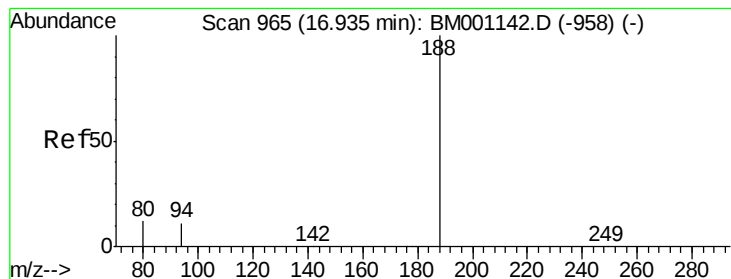
#14
 2-Fluorobiphenyl
 Concen: 113.59 ng
 RT: 12.81 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: BM001174.D
 Acq: 02 May 2015 19:25

Tgt Ion:172 Resp: 1066563
 Ion Ratio Lower Upper
 172 100
 171 32.7 25.8 38.6
 170 20.1 16.1 24.1



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





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.94 min Scan# 965

Delta R.T. 0.00 min

Lab File: BM001174.D

Acq: 02 May 2015 19:25

Instrument :

BNA_M

ClientSampleId :

BEM-8

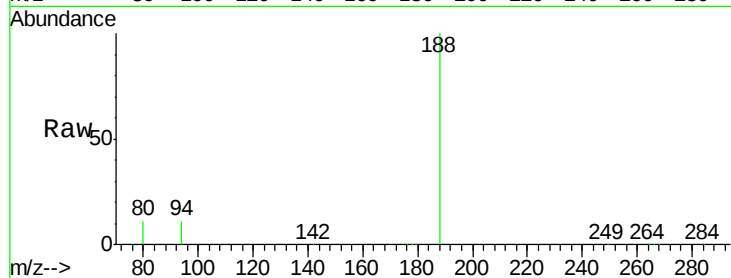
Tot Ion:188 Resp: 69676

Ion Ratio Lower Upper

188 100

94 10.8 9.3 13.9

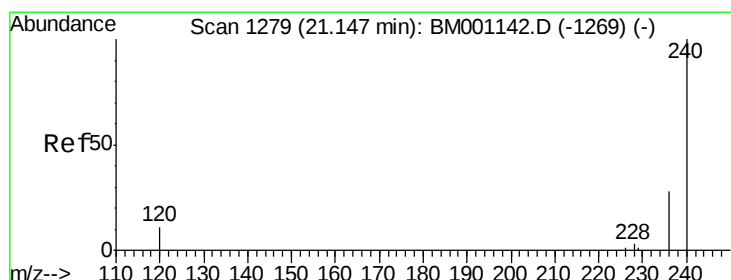
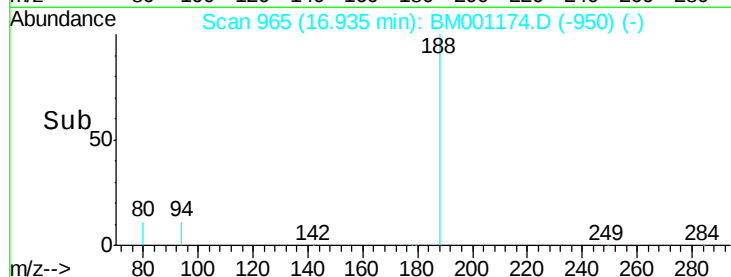
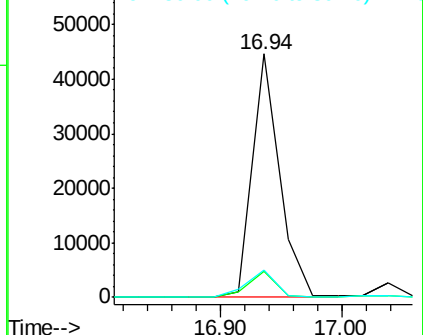
80 11.4 9.8 14.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.15 min Scan# 1279

Delta R.T. 0.00 min

Lab File: BM001174.D

Acq: 02 May 2015 19:25

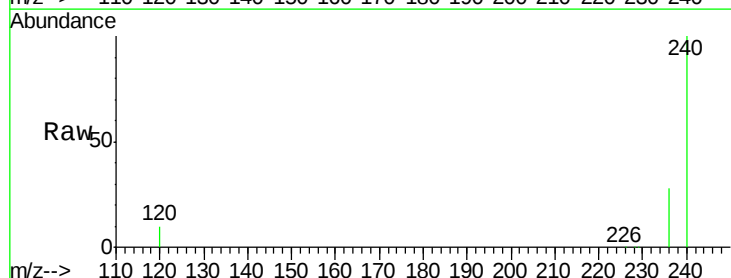
Tgt Ion:240 Resp: 53260

Ion Ratio Lower Upper

240 100

120 10.1 9.2 13.8

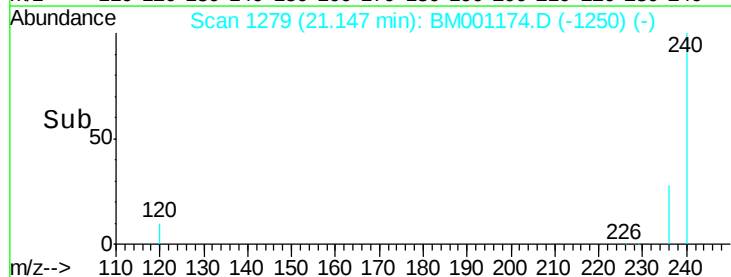
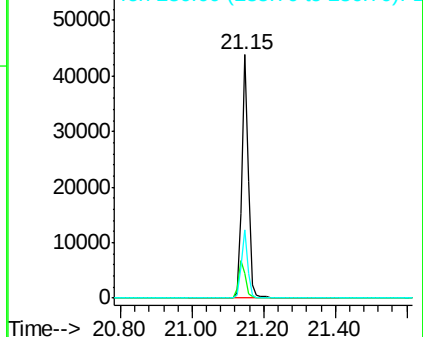
236 28.0 22.4 33.6

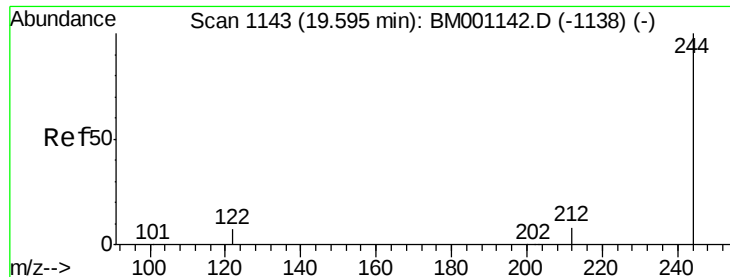


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#26

Terphenyl-d14

Concen: 114.60 ng

RT: 19.59 min Scan# 1143

Delta R.T. 0.00 min

Lab File: BM001174.D

Acq: 02 May 2015 19:25

Instrument :

BNA_M

ClientSampleId :

BEM-8

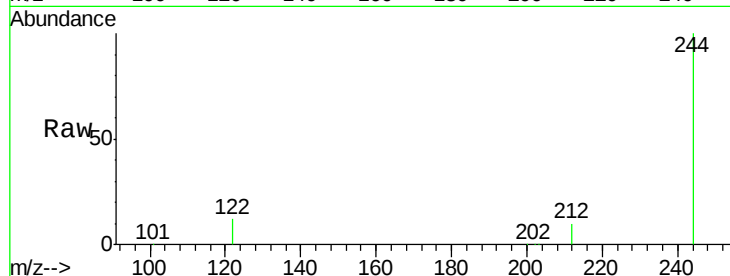
Tot Ion:244 Resp: 841579

Ion Ratio Lower Upper

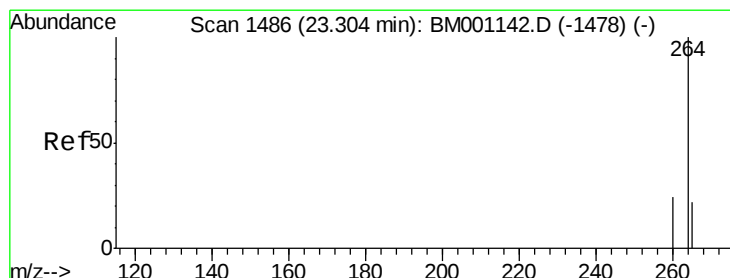
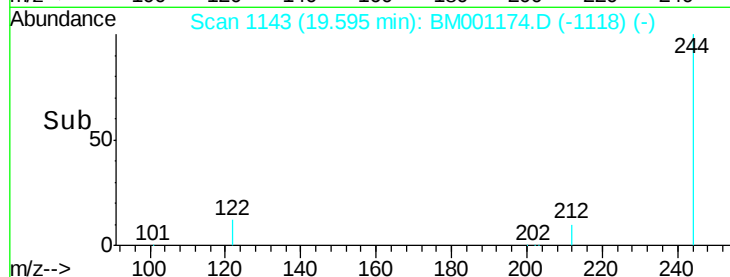
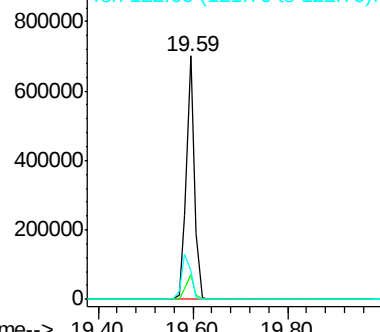
244 100

212 9.9 7.1 10.7

122 11.9 6.2 9.4#



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



#30

Perylene-d12

Concen: 5.00 ng

RT: 23.29 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BM001174.D

Acq: 02 May 2015 19:25

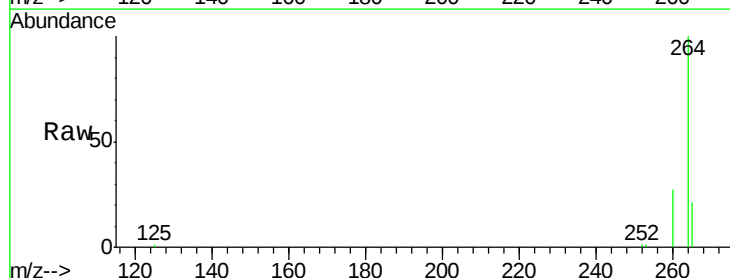
Tgt Ion:264 Resp: 39957

Ion Ratio Lower Upper

264 100

260 26.6 18.9 28.3

265 21.2 18.1 27.1



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

