

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050115\
 Data File : BM001173.D
 Acq On : 02 May 2015 18:49
 Operator : TP/IZ
 Sample : G2058-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEM-7

Quant Time: May 04 17:42:54 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

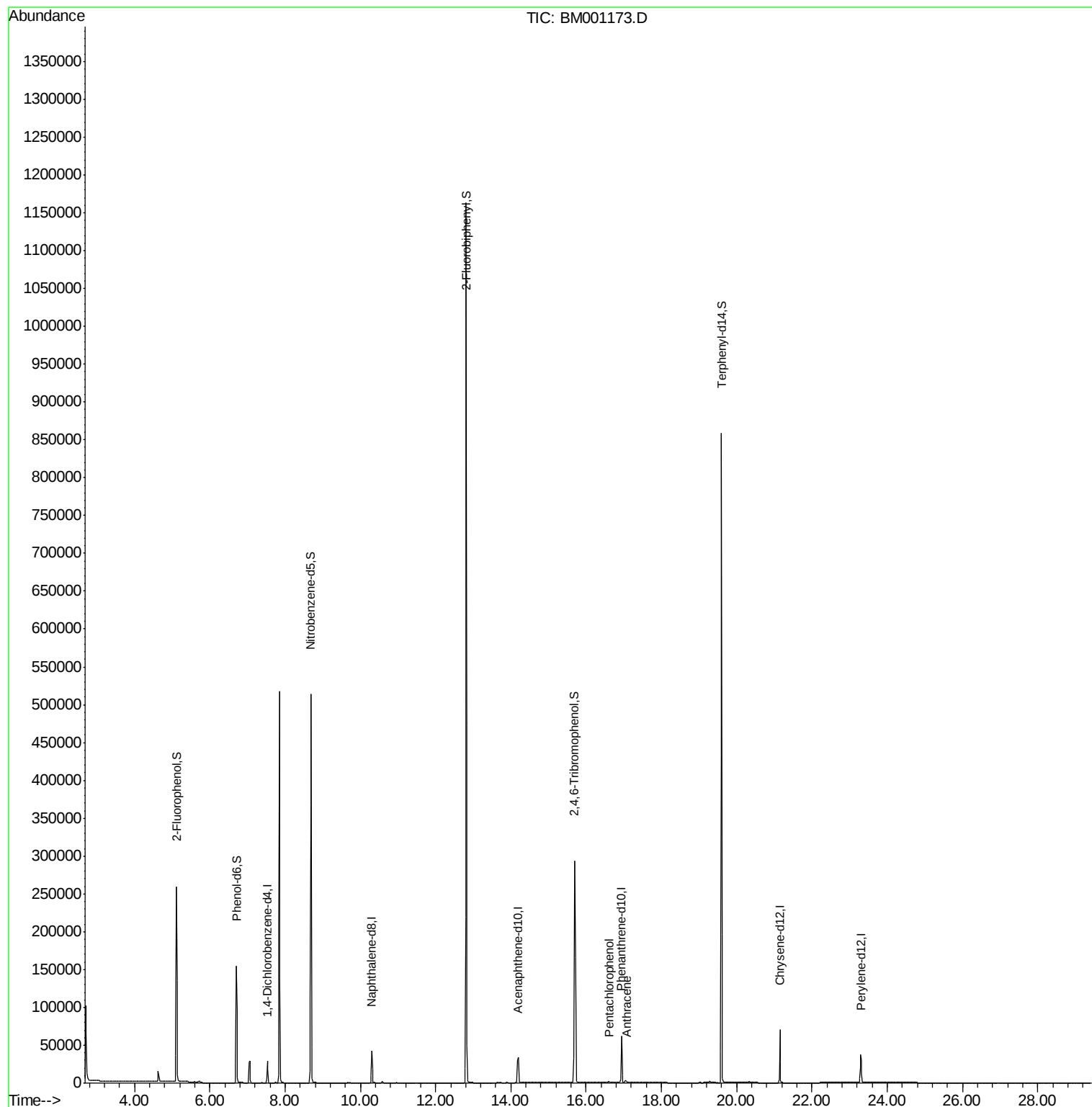
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	14987	5.00	ng	0.00
6) Naphthalene-d8	10.31	136	56688	5.00	ng	0.00
12) Acenaphthene-d10	14.20	164	31363	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	77292	5.00	ng	0.00
24) Chrysene-d12	21.15	240	61009	5.00	ng	0.00
30) Perylene-d12	23.29	264	45879	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.11	112	198126	67.97	ng	-0.01
5) Phenol-d6	6.71	99	164745	45.87	ng	0.00
7) Nitrobenzene-d5	8.69	82	400895	124.85	ng	0.00
13) 2,4,6-Tribromophenol	15.69	330	252405	161.65	ng	0.00
14) 2-Fluorobiphenyl	12.81	172	1094383	105.51	ng	0.00
26) Terphenyl-d14	19.59	244	848934	100.92	ng	0.00
Target Compounds						
20) Pentachlorophenol	16.61	266	1472	1.15	ng	Qvalue 96
22) Anthracene	17.08	178	1508	0.09	ng	# 78

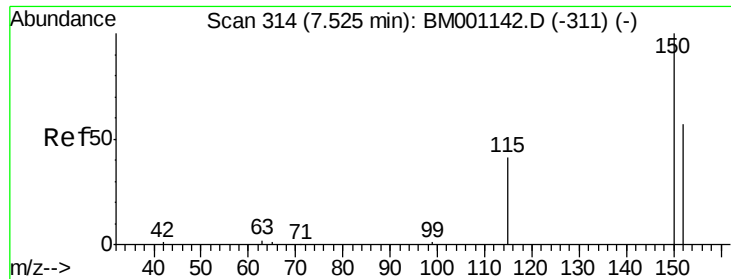
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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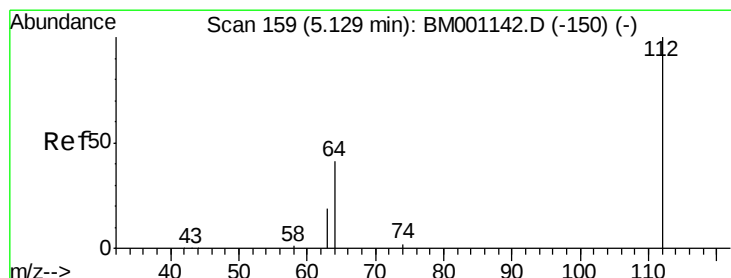
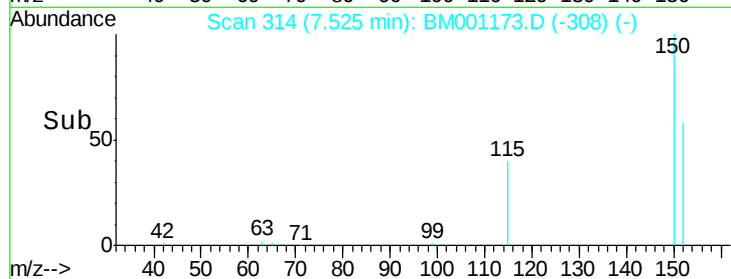
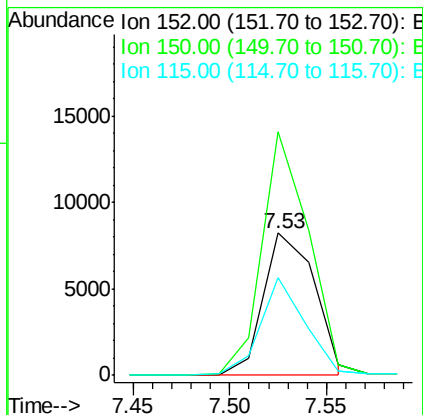
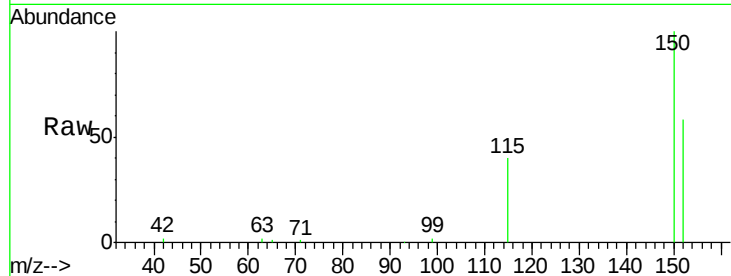


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.53 min Scan# 314
Delta R.T. 0.00 min
Lab File: BM001173.D
Acq: 02 May 2015 18:49

Instrument :
BNA_M
ClientSampleId :
BEM-7

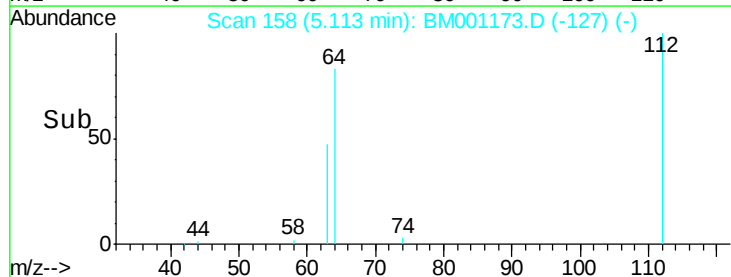
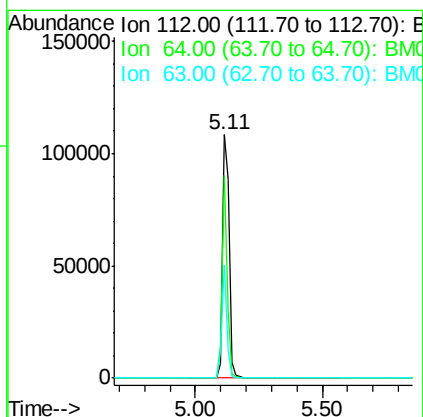
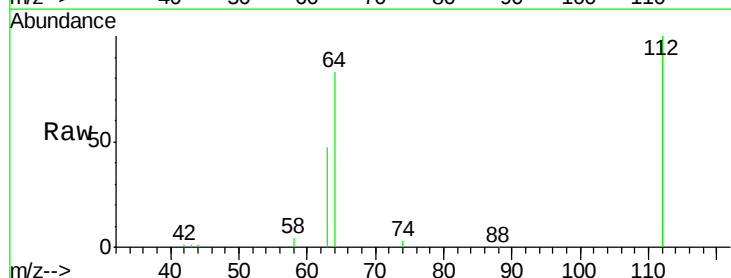
Tot Ion:152 Resp: 14987
Ion Ratio Lower Upper
152 100
150 171.2 140.1 210.1
115 68.8 57.8 86.6

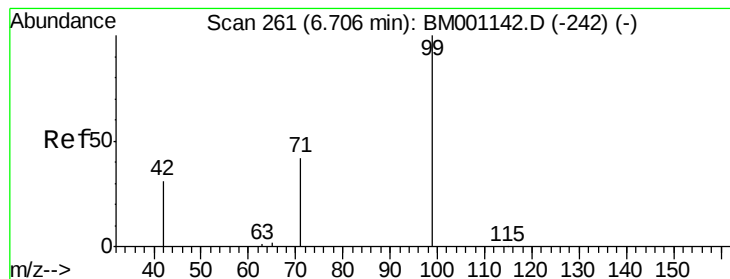


#4

2-Fluorophenol
Concen: 67.97 ng
RT: 5.11 min Scan# 158
Delta R.T. -0.01 min
Lab File: BM001173.D
Acq: 02 May 2015 18:49

Tgt Ion:112 Resp: 198126
Ion Ratio Lower Upper
112 100
64 64.5 52.6 79.0
63 35.8 29.5 44.3





#5

Phenol-d6

Concen: 45.87 ng

RT: 6.71 min Scan# 261

Delta R.T. 0.00 min

Lab File: BM001173.D

Acq: 02 May 2015 18:49

Instrument :

BNA_M

ClientSampleId :

BEM-7

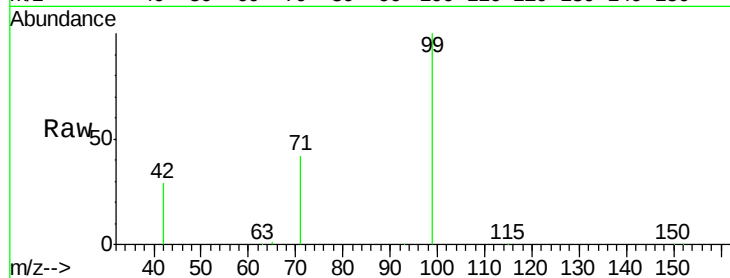
Tot Ion: 99 Resp: 164745

Ion Ratio Lower Upper

99 100

42 24.1 20.9 31.3

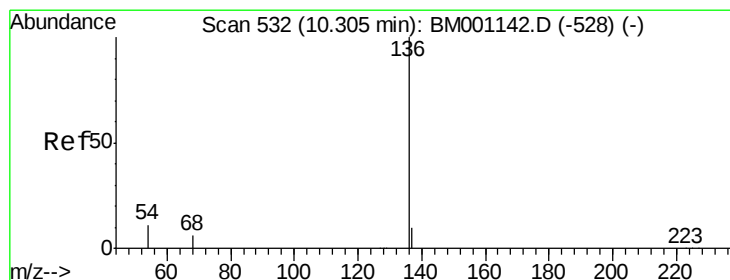
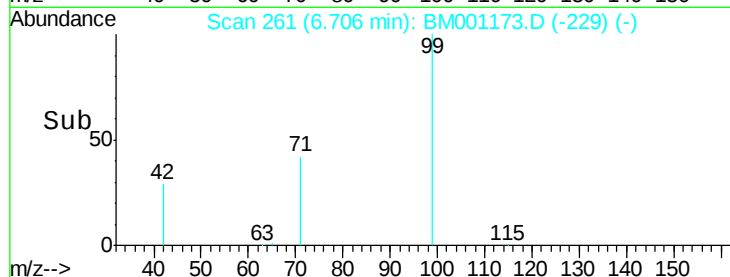
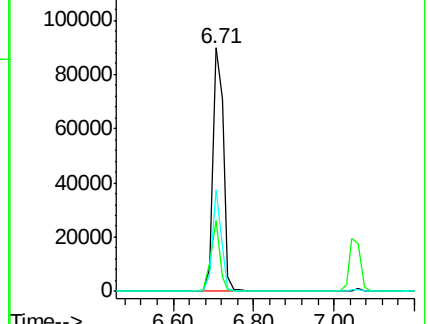
71 35.3 28.5 42.7



Abundance Ion 99.00 (98.70 to 99.70): BM001173.D (-229) (-)

Ion 42.00 (41.70 to 42.70): BM001173.D (-229) (-)

Ion 71.00 (70.70 to 71.70): BM001173.D (-229) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.31 min Scan# 532

Delta R.T. 0.00 min

Lab File: BM001173.D

Acq: 02 May 2015 18:49

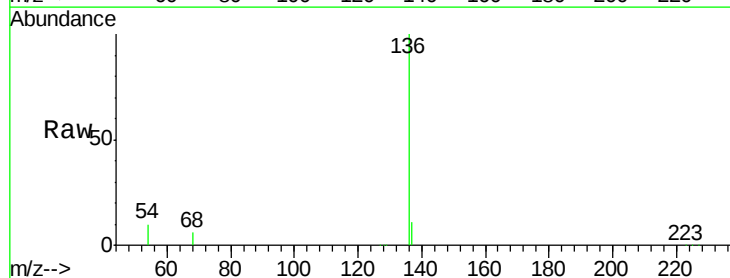
Tgt Ion: 136 Resp: 56688

Ion Ratio Lower Upper

136 100

137 10.5 8.2 12.4

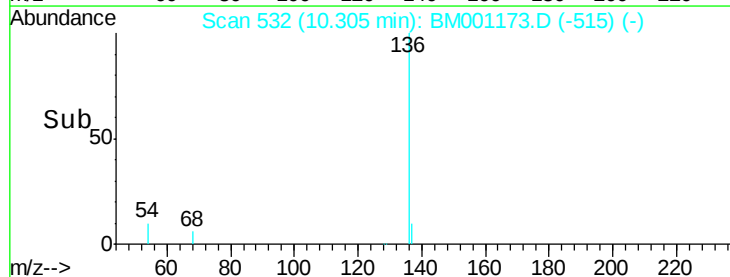
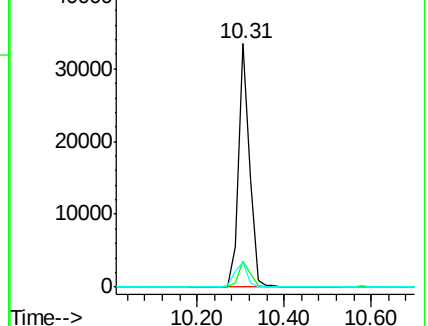
54 10.3 9.0 13.4

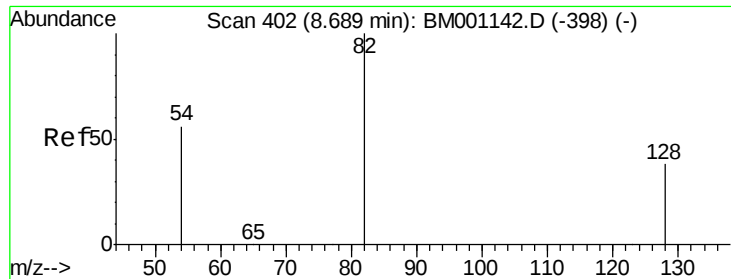


Abundance Ion 136.00 (135.70 to 136.70): BM001173.D (-515) (-)

Ion 137.00 (136.70 to 137.70): BM001173.D (-515) (-)

Ion 54.00 (53.70 to 54.70): BM001173.D (-515) (-)





#7

Nitrobenzene-d5

Concen: 124.85 ng

RT: 8.69 min Scan# 402

Delta R.T. 0.00 min

Lab File: BM001173.D

Acq: 02 May 2015 18:49

Instrument :

BNA_M

ClientSampleId :

BEM-7

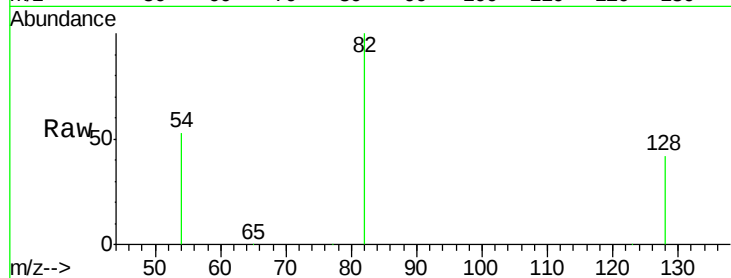
Tot Ion: 82 Resp: 400895

Ion Ratio Lower Upper

82 100

128 42.2 31.9 47.9

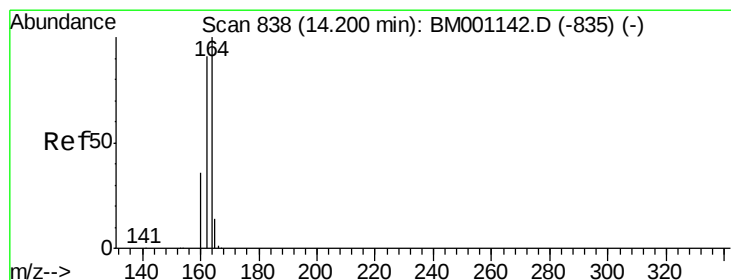
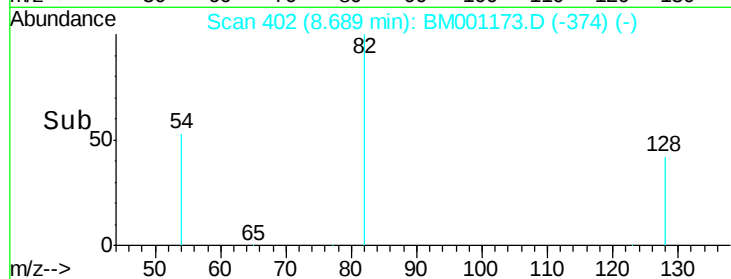
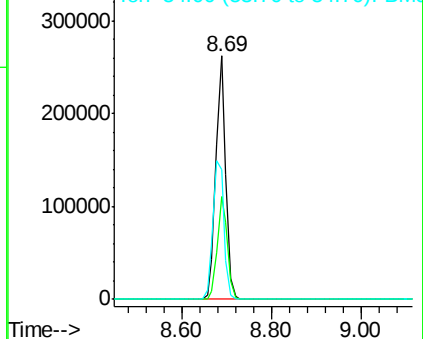
54 53.2 46.2 69.2



Abundance Ion 82.00 (81.70 to 82.70): BM001142.D (-398) (-)

Ion 128.00 (127.70 to 128.70): BM001142.D (-398) (-)

Ion 54.00 (53.70 to 54.70): BM001142.D (-398) (-)



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.20 min Scan# 838

Delta R.T. 0.00 min

Lab File: BM001173.D

Acq: 02 May 2015 18:49

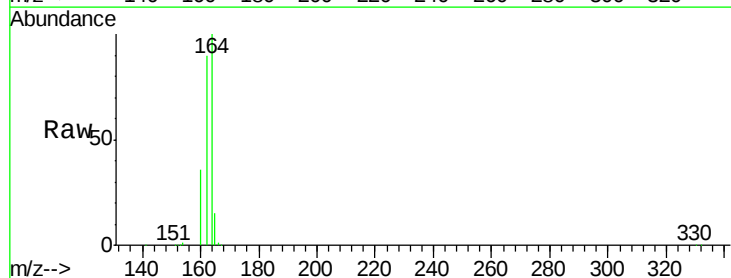
Tgt Ion: 164 Resp: 31363

Ion Ratio Lower Upper

164 100

162 90.5 72.7 109.1

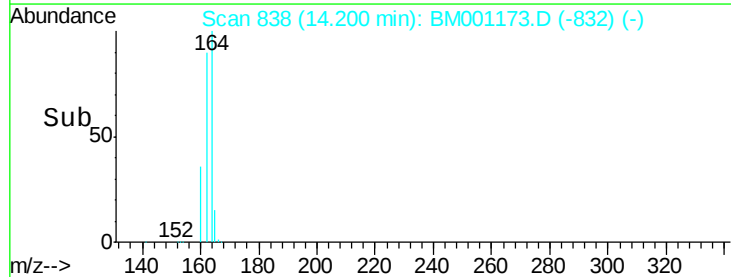
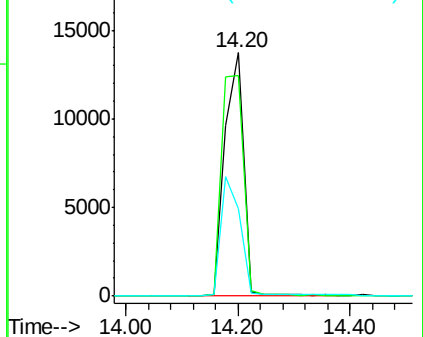
160 35.8 28.7 43.1

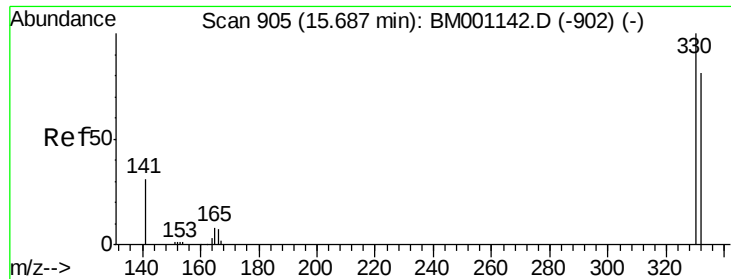


Abundance Ion 164.00 (163.70 to 164.70): BM001142.D (-835) (-)

Ion 162.00 (161.70 to 162.70): BM001142.D (-835) (-)

Ion 160.00 (159.70 to 160.70): BM001142.D (-835) (-)

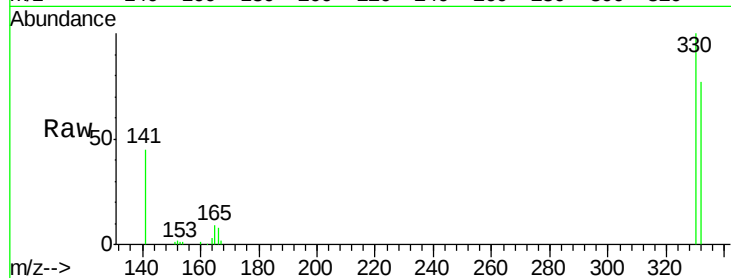




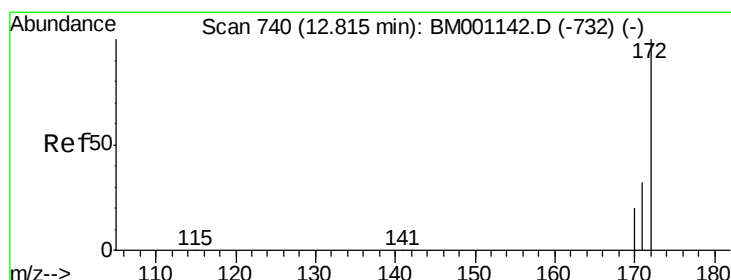
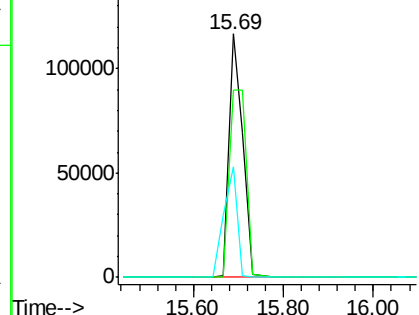
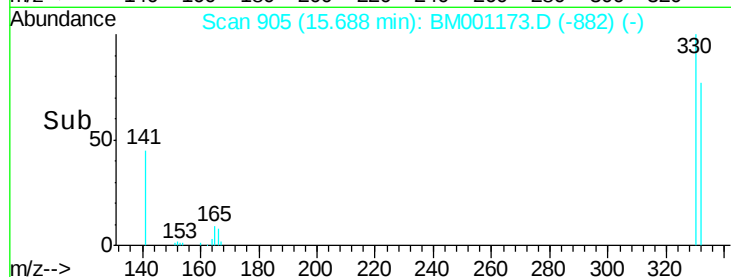
#13
 2,4,6-Tribromophenol
 Concen: 161.65 ng
 RT: 15.69 min Scan# 905
 Delta R.T. 0.00 min
 Lab File: BM001173.D
 Acq: 02 May 2015 18:49

Instrument :
 BNA_M
 ClientSampleId :
 BEM-7

Tot Ion:330 Resp: 252405
 Ion Ratio Lower Upper
 330 100
 332 0.0 74.5 111.7#
 141 44.9 21.0 31.4#

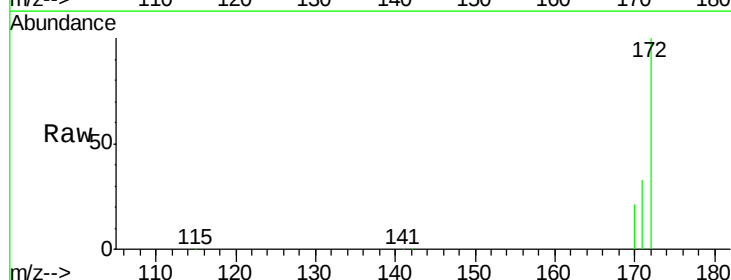


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

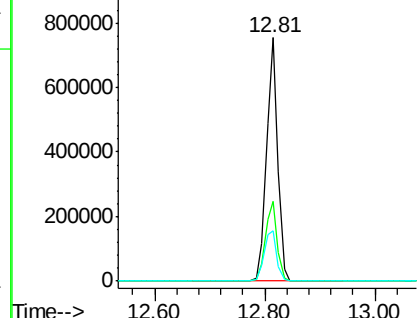
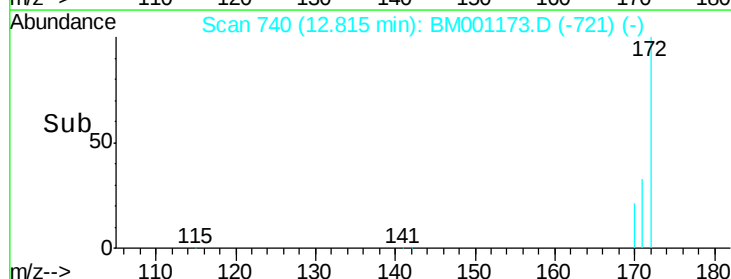


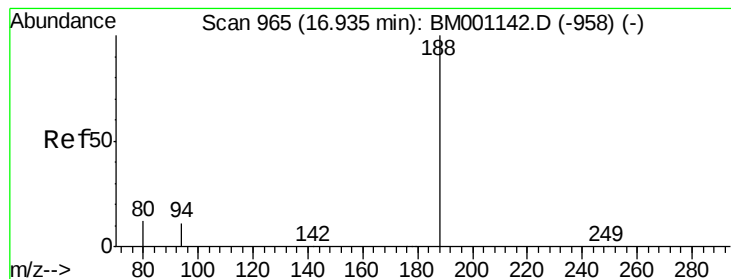
#14
 2-Fluorobiphenyl
 Concen: 105.51 ng
 RT: 12.81 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: BM001173.D
 Acq: 02 May 2015 18:49

Tgt Ion:172 Resp: 1094383
 Ion Ratio Lower Upper
 172 100
 171 33.0 25.8 38.6
 170 20.8 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: BM001173.D

Acq: 02 May 2015 18:49

Instrument :

BNA_M

ClientSampleId :

BEM-7

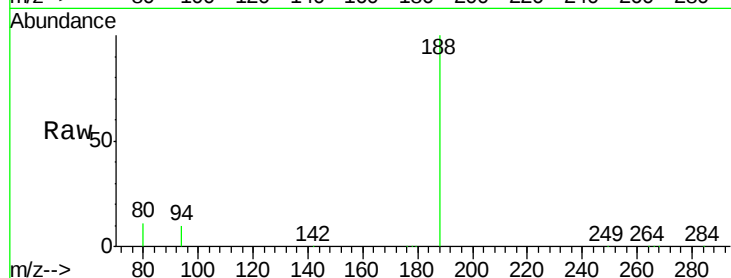
Tot Ion:188 Resp: 77292

Ion Ratio Lower Upper

188 100

94 10.2 9.3 13.9

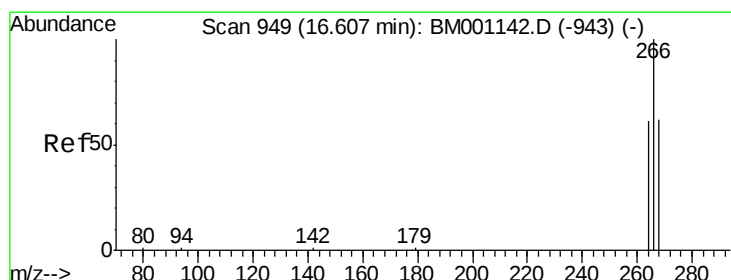
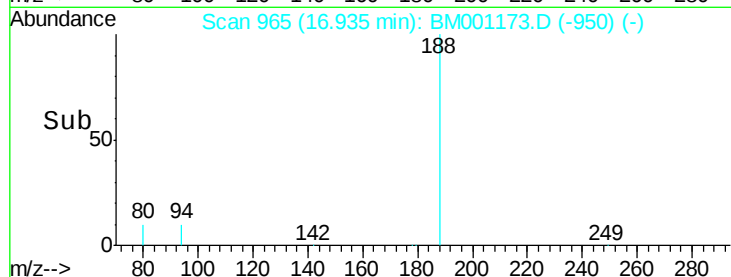
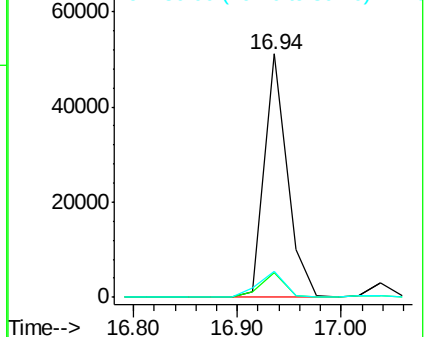
80 10.7 9.8 14.6



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



#20

Pentachlorophenol

Concen: 1.15 ng

RT: 16.61 min Scan# 949

Delta R.T. 0.00 min

Lab File: BM001173.D

Acq: 02 May 2015 18:49

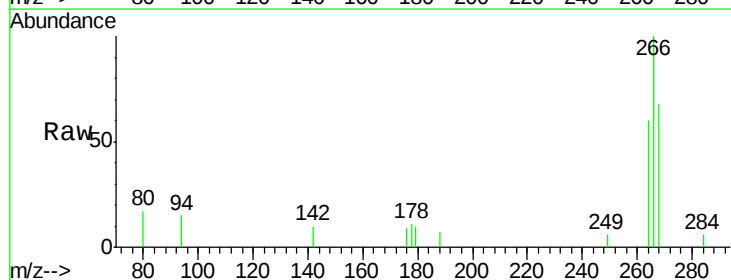
Tgt Ion:266 Resp: 1472

Ion Ratio Lower Upper

266 100

268 67.9 52.6 79.0

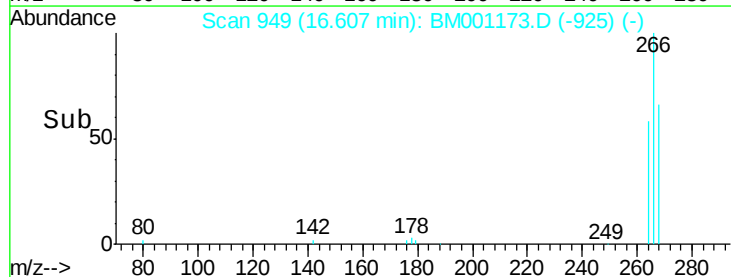
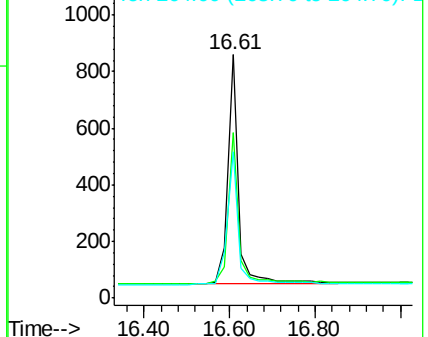
264 60.0 51.0 76.4

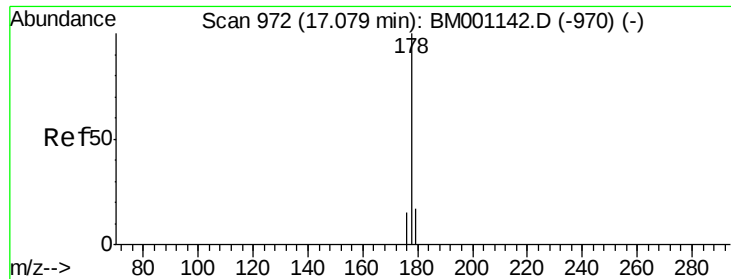


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

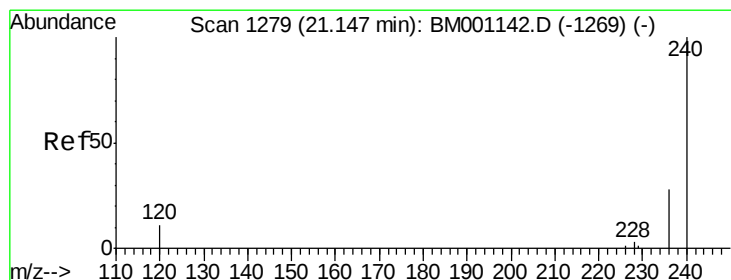
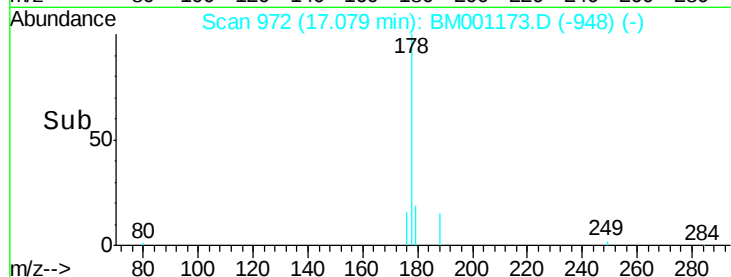
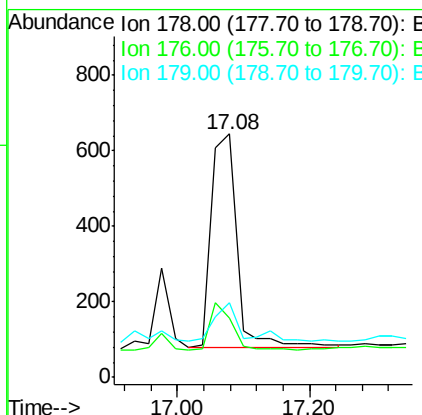
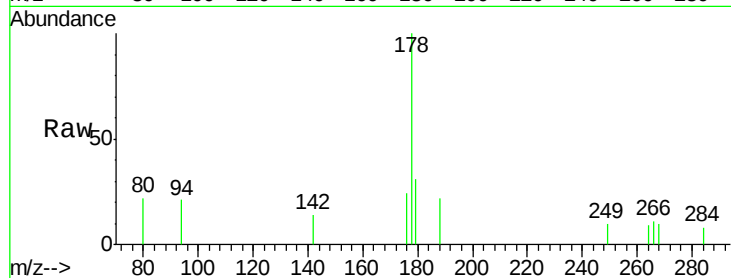




#22
 Anthracene
 Concen: 0.09 ng
 RT: 17.08 min Scan# 972
 Delta R.T. 0.00 min
 Lab File: BM001173.D
 Acq: 02 May 2015 18:49

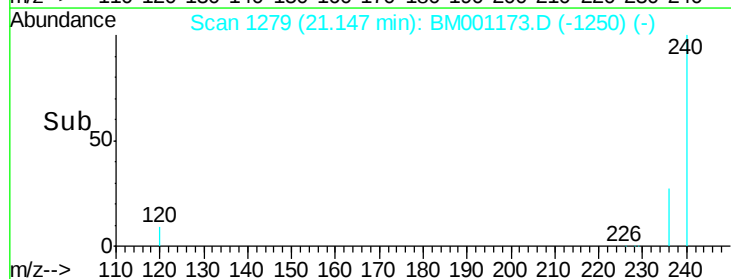
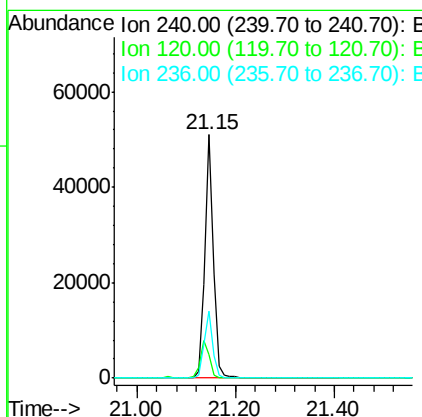
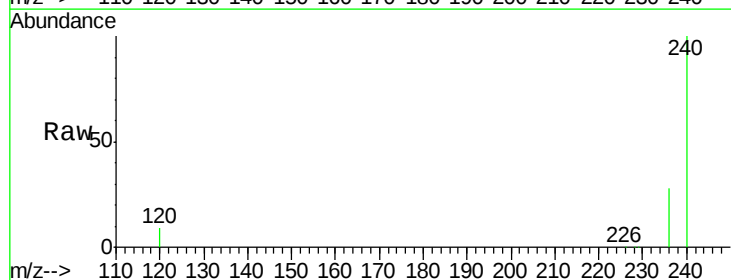
Instrument :
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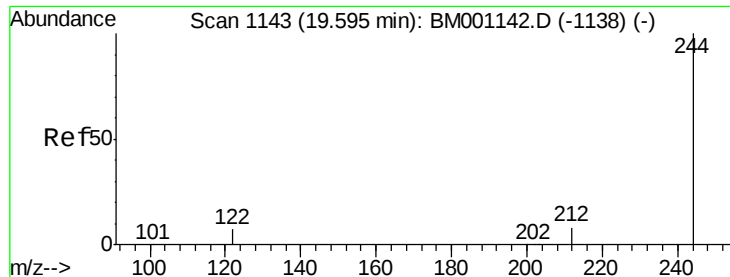
Tot Ion:178 Resp: 1508
 Ion Ratio Lower Upper
 178 100
 176 0.0 14.3 21.5#
 179 15.6 12.2 18.2



#24
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.15 min Scan# 1279
 Delta R.T. 0.00 min
 Lab File: BM001173.D
 Acq: 02 May 2015 18:49

Tgt Ion:240 Resp: 61009
 Ion Ratio Lower Upper
 240 100
 120 9.4 9.2 13.8
 236 27.5 22.4 33.6

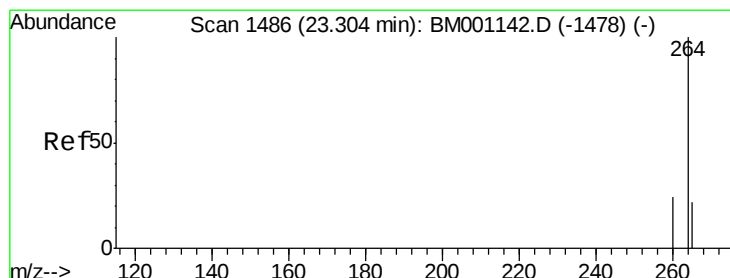
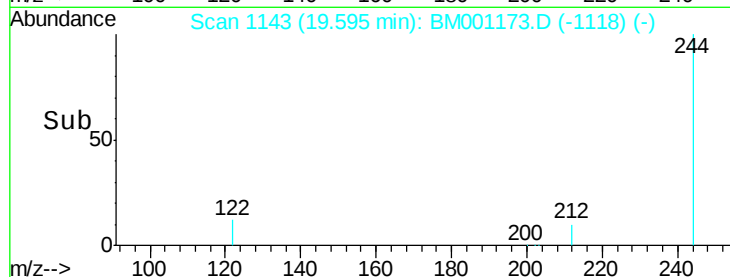
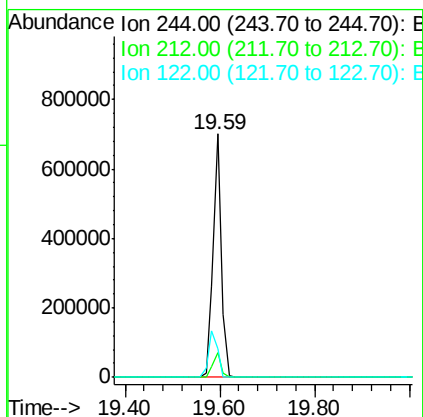
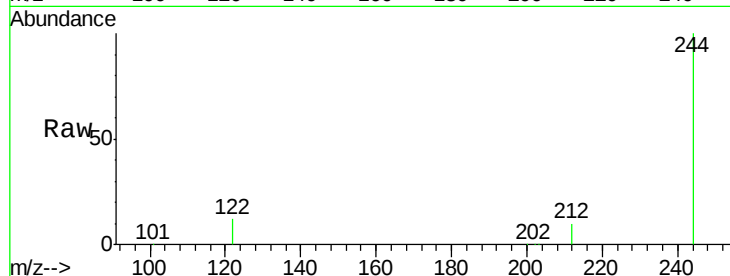




#26
 Terphenyl-d14
 Concen: 100.92 ng
 RT: 19.59 min Scan# 1143
 Delta R.T. 0.00 min
 Lab File: BM001173.D
 Acq: 02 May 2015 18:49

Instrument :
 BNA_M
 ClientSampleId :
 BEM-7

Tot Ion:244 Resp: 848934
 Ion Ratio Lower Upper
 244 100
 212 10.0 7.1 10.7
 122 11.7 6.2 9.4#



#30
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.29 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: BM001173.D
 Acq: 02 May 2015 18:49

Tgt Ion:264 Resp: 45879
 Ion Ratio Lower Upper
 264 100
 260 25.9 18.9 28.3
 265 21.1 18.1 27.1

