

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050115\
 Data File : BM001164.D
 Acq On : 02 May 2015 12:15
 Operator : TP/IZ
 Sample : G2057-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MWJ-2

Quant Time: May 04 17:27:28 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	7.52	152	15974	5.00	ng	0.00
6) Naphthalene-d8	10.31	136	61878	5.00	ng	0.00
12) Acenaphthene-d10	14.20	164	35070	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	88521	5.00	ng	0.00
24) Chrysene-d12	21.15	240	72520	5.00	ng	0.00
30) Perylene-d12	23.29	264	59968	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.11	112	17691	5.69	ng	-0.01
5) Phenol-d6	6.71	99	13466	3.52	ng	0.00
7) Nitrobenzene-d5	8.69	82	32813	9.36	ng	0.00
13) 2,4,6-Tribromophenol	15.69	330	22617	13.10	ng	0.00
14) 2-Fluorobiphenyl	12.81	172	107681	9.28	ng	0.00
26) Terphenyl-d14	19.59	244	108409	10.84	ng	0.00

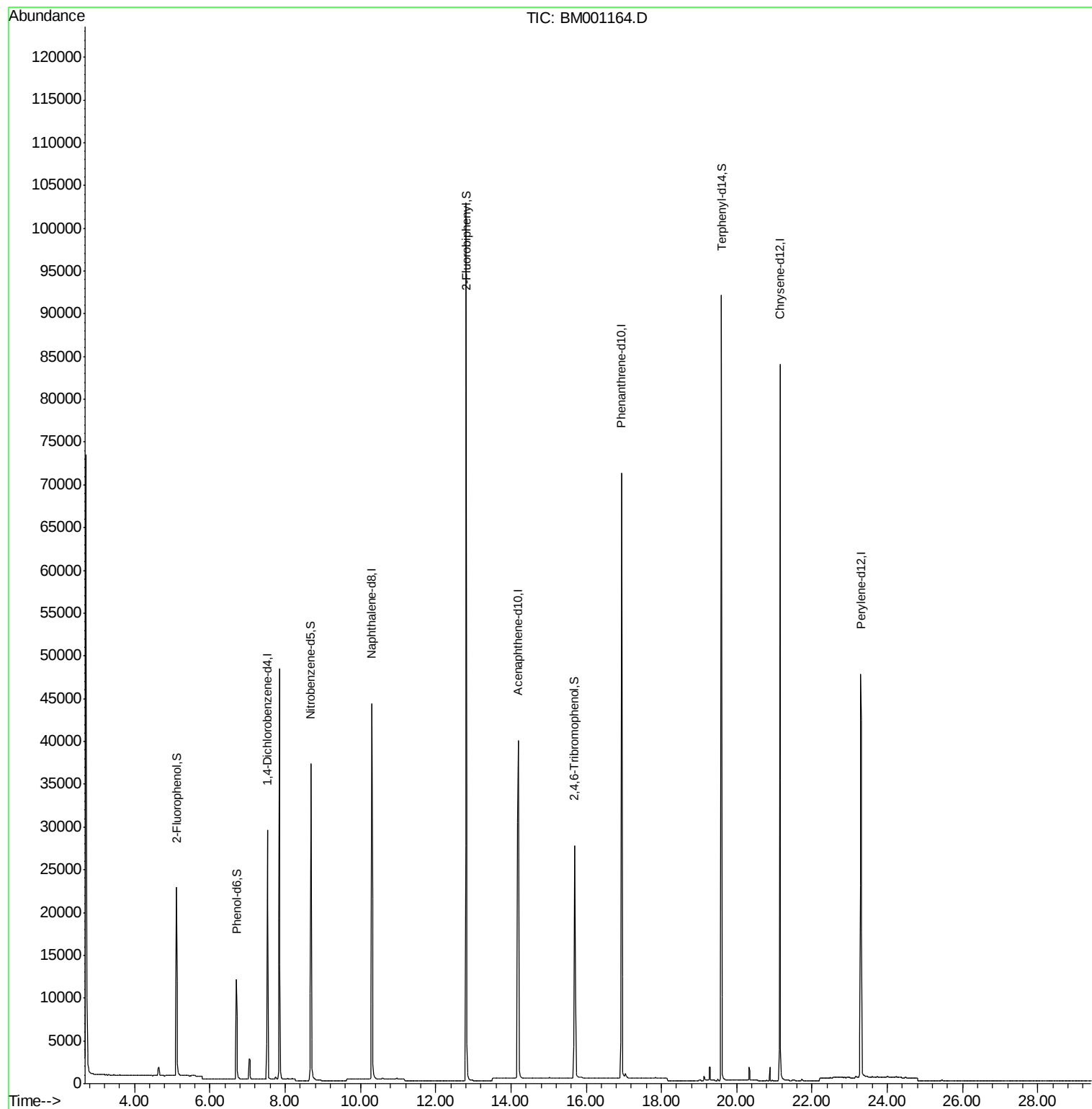
Target Compounds Qvalue

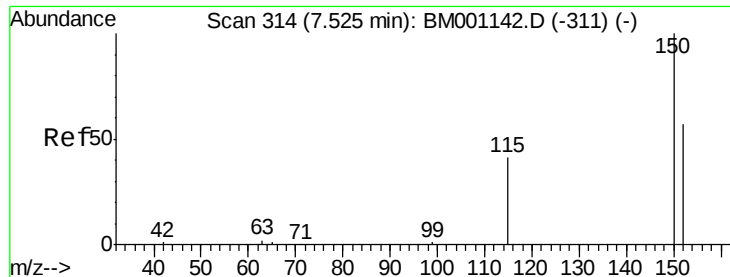
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.52 min Scan# 314

Delta R.T. -0.00 min

Lab File: BM001164.D

Acq: 02 May 2015 12:15

Instrument :

BNA_M

ClientSampleId :

MWJ-2

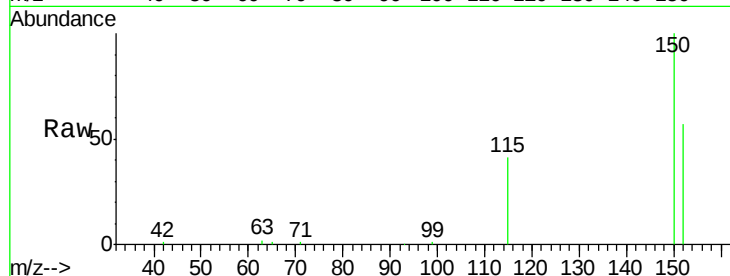
Tot Ion:152 Resp: 15974

Ion Ratio Lower Upper

152 100

150 174.2 140.1 210.1

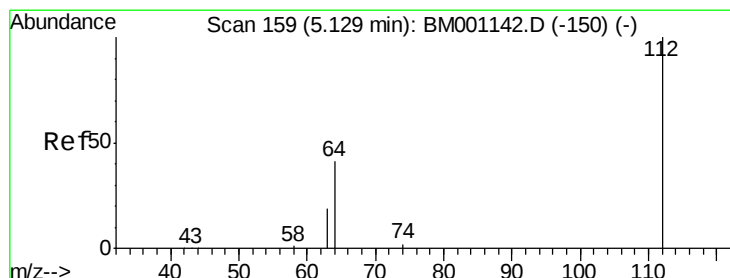
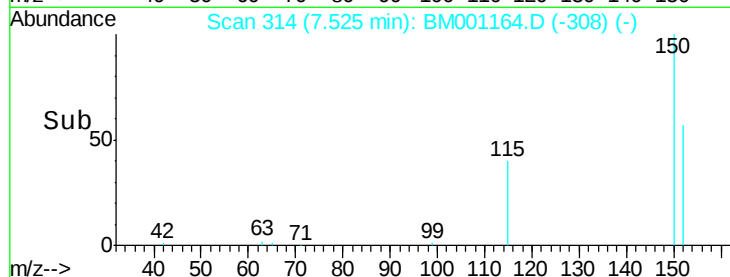
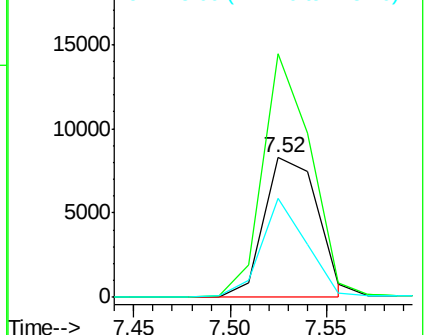
115 70.7 57.8 86.6



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



#4

2-Fluorophenol

Concen: 5.69 ng

RT: 5.11 min Scan# 158

Delta R.T. -0.01 min

Lab File: BM001164.D

Acq: 02 May 2015 12:15

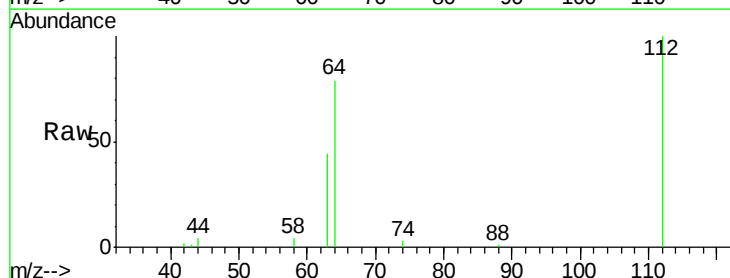
Tgt Ion:112 Resp: 17691

Ion Ratio Lower Upper

112 100

64 64.8 52.6 79.0

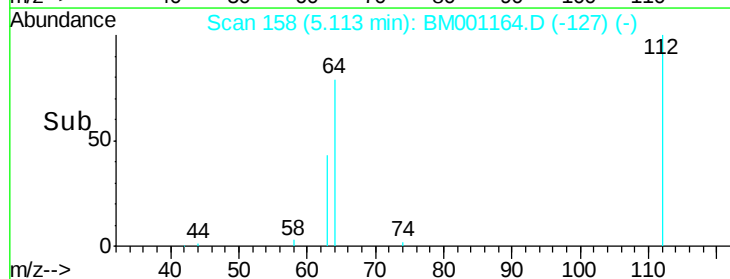
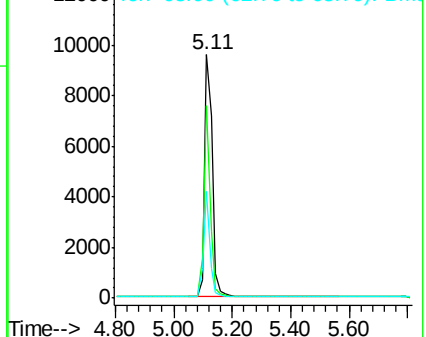
63 35.8 29.5 44.3

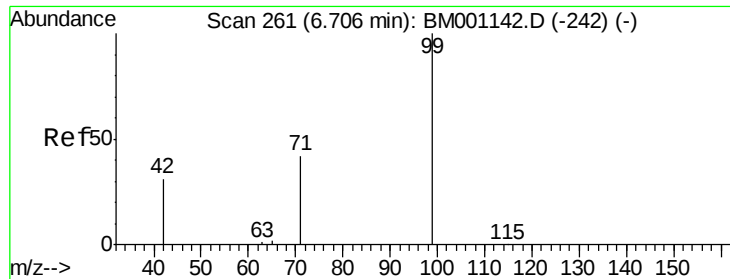


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#5

Phenol-d6

Concen: 3.52 ng

RT: 6.71 min Scan# 261

Delta R.T. 0.00 min

Lab File: BM001164.D

Acq: 02 May 2015 12:15

Instrument :

BNA_M

ClientSampleId :

MWJ-2

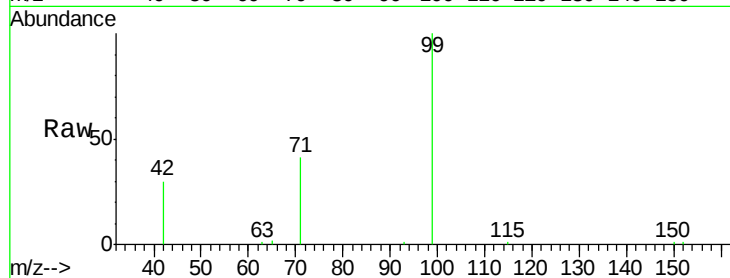
Tot Ion: 99 Resp: 13466

Ion Ratio Lower Upper

99 100

42 24.4 20.9 31.3

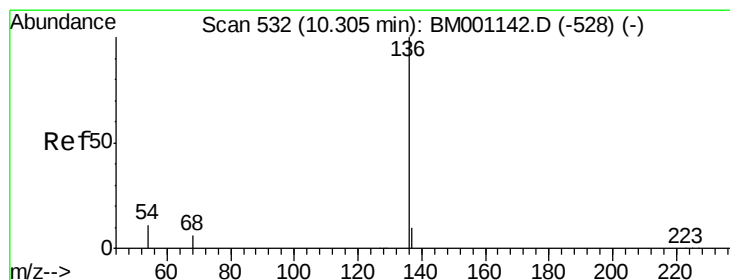
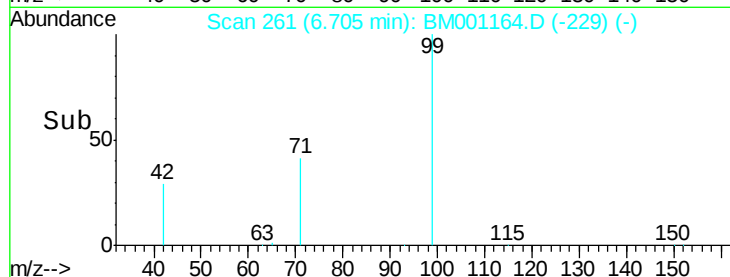
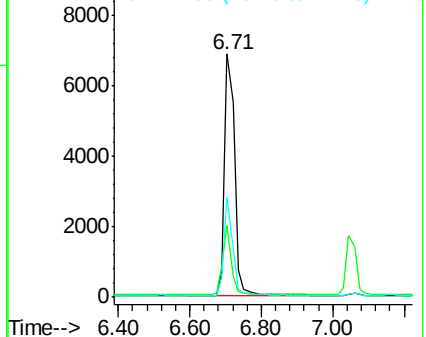
71 35.1 28.5 42.7



Abundance Ion 99.00 (98.70 to 99.70): BM001164.D (-229) (-)

Ion 42.00 (41.70 to 42.70): BM001164.D (-229) (-)

Ion 71.00 (70.70 to 71.70): BM001164.D (-229) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.31 min Scan# 532

Delta R.T. -0.00 min

Lab File: BM001164.D

Acq: 02 May 2015 12:15

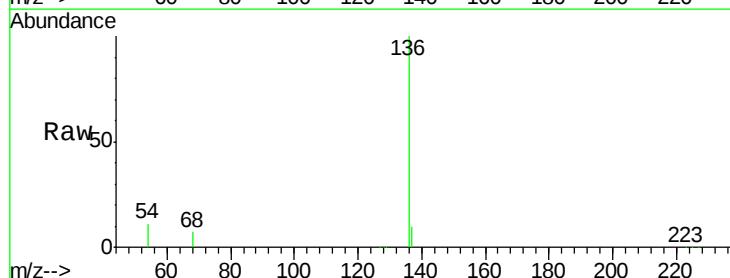
Tgt Ion: 136 Resp: 61878

Ion Ratio Lower Upper

136 100

137 10.4 8.2 12.4

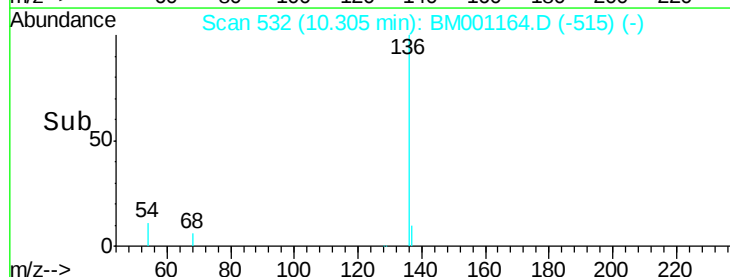
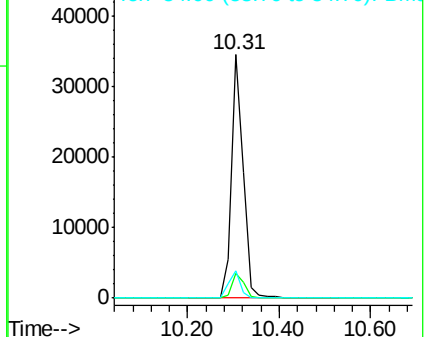
54 11.1 9.0 13.4

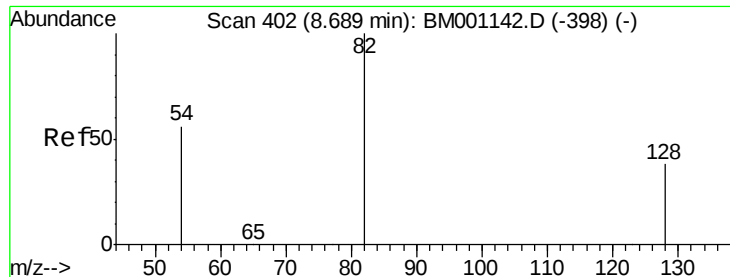


Abundance Ion 136.00 (135.70 to 136.70): BM001164.D (-515) (-)

Ion 137.00 (136.70 to 137.70): BM001164.D (-515) (-)

Ion 54.00 (53.70 to 54.70): BM001164.D (-515) (-)





#7

Nitrobenzene-d5

Concen: 9.36 ng

RT: 8.69 min Scan# 402

Delta R.T. -0.00 min

Lab File: BM001164.D

Acq: 02 May 2015 12:15

Instrument :

BNA_M

ClientSampleId :

MWJ-2

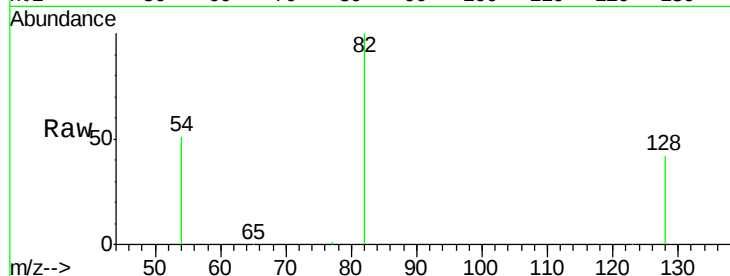
Tot Ion: 82 Resp: 32813

Ion Ratio Lower Upper

82 100

128 42.1 31.9 47.9

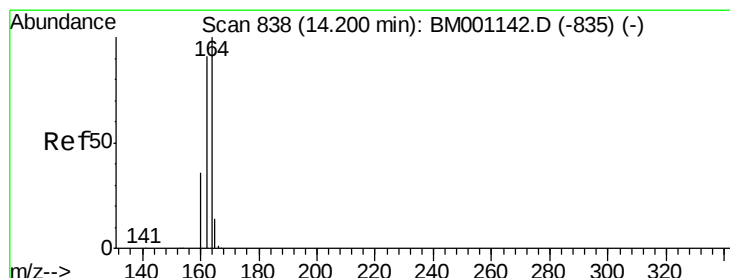
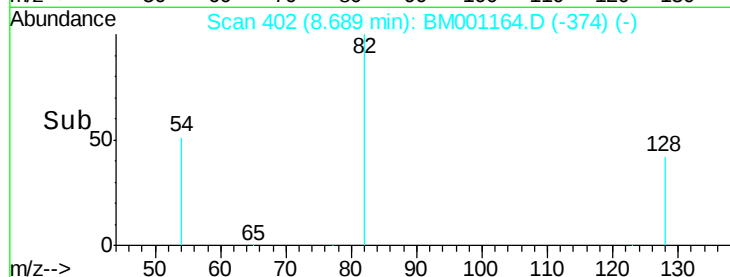
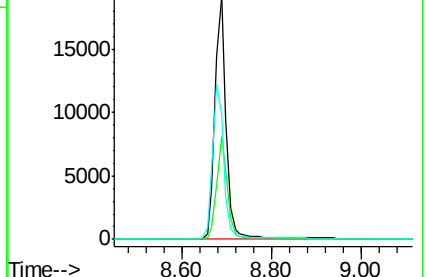
54 51.3 46.2 69.2



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: BM001164.D

Acq: 02 May 2015 12:15

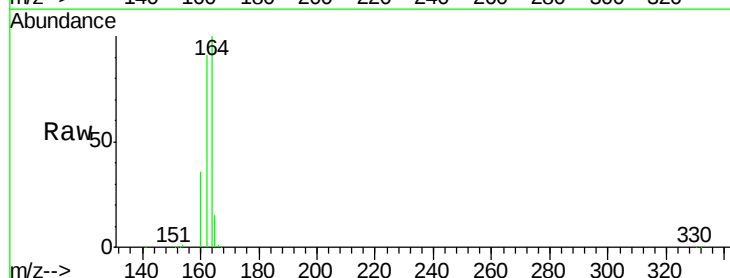
Tgt Ion: 164 Resp: 35070

Ion Ratio Lower Upper

164 100

162 90.9 72.7 109.1

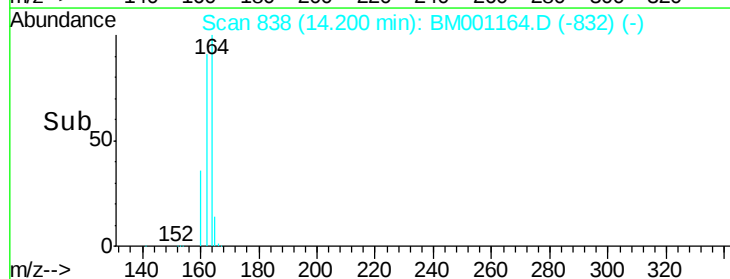
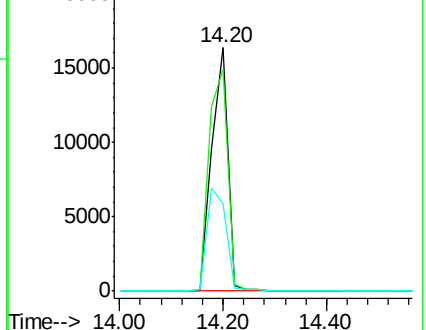
160 35.8 28.7 43.1

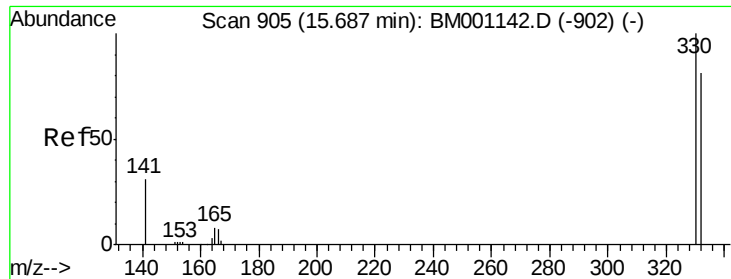


Abundance Ion 164.00 (163.70 to 164.70): BM001142.D (-835) (-)

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

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

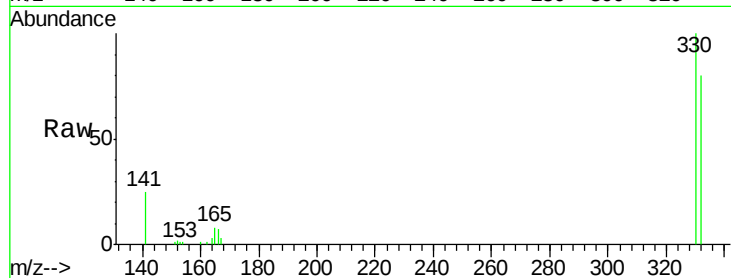




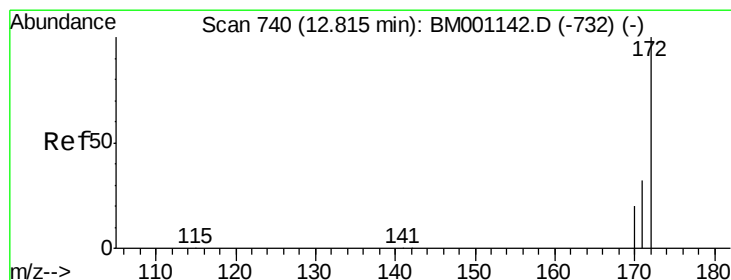
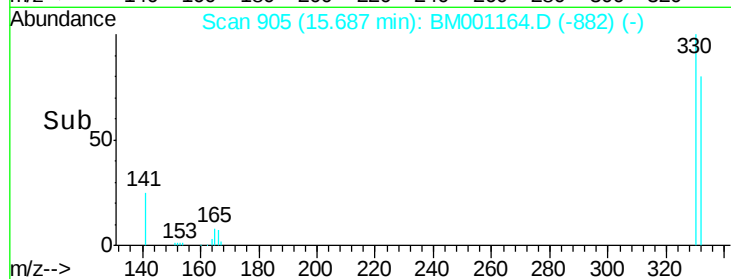
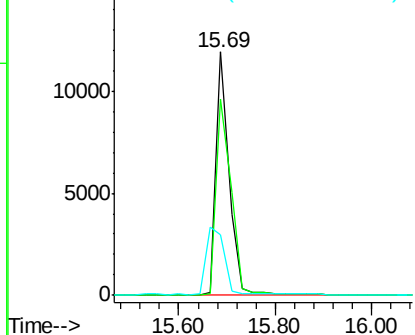
#13
 2,4,6-Tribromophenol
 Concen: 13.10 ng
 RT: 15.69 min Scan# 905
 Delta R.T. 0.00 min
 Lab File: BM001164.D
 Acq: 02 May 2015 12:15

Instrument :
 BNA_M
 ClientSampleId :
 MWJ-2

Tot Ion:330 Resp: 22617
 Ion Ratio Lower Upper
 330 100
 332 92.4 74.5 111.7
 141 0.0 21.0 31.4#

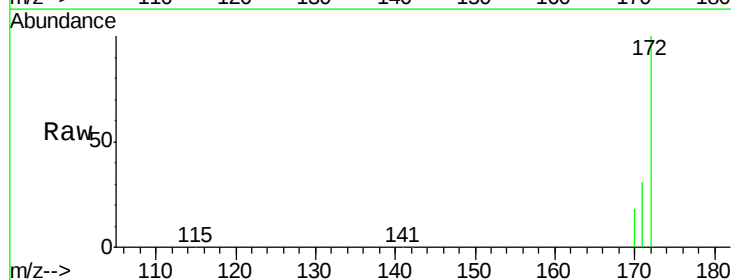


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

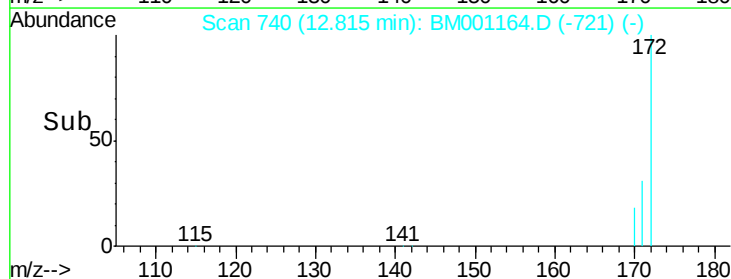
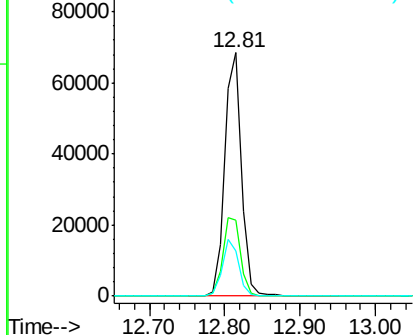


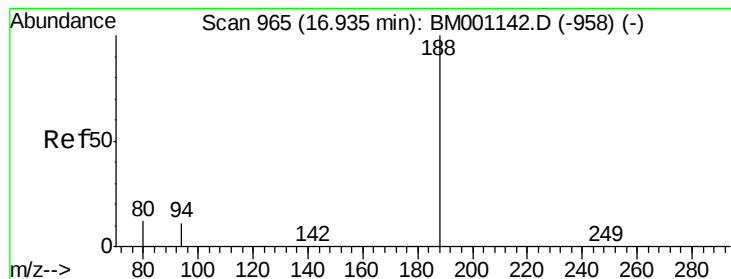
#14
 2-Fluorobiphenyl
 Concen: 9.28 ng
 RT: 12.81 min Scan# 740
 Delta R.T. -0.00 min
 Lab File: BM001164.D
 Acq: 02 May 2015 12:15

Tgt Ion:172 Resp: 107681
 Ion Ratio Lower Upper
 172 100
 171 31.3 25.8 38.6
 170 18.5 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: BM001164.D

Acq: 02 May 2015 12:15

Instrument :

BNA_M

ClientSampleId :

MWJ-2

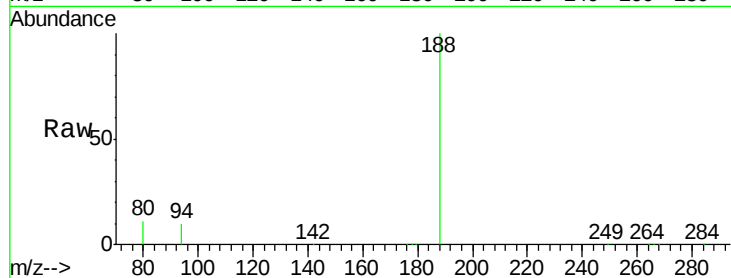
Tot Ion:188 Resp: 88521

Ion Ratio Lower Upper

188 100

94 10.4 9.3 13.9

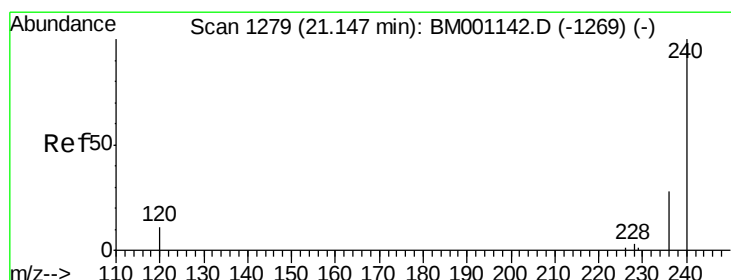
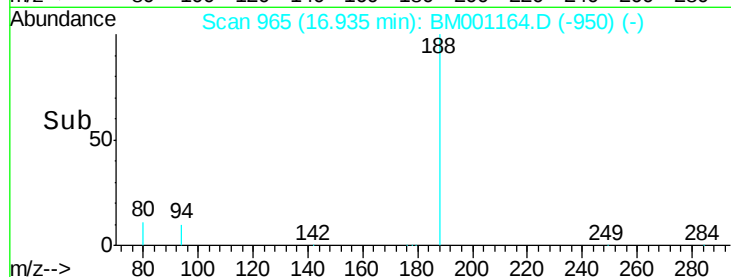
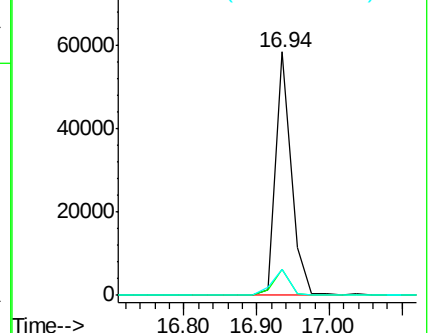
80 10.7 9.8 14.6



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



#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.15 min Scan# 1279

Delta R.T. -0.00 min

Lab File: BM001164.D

Acq: 02 May 2015 12:15

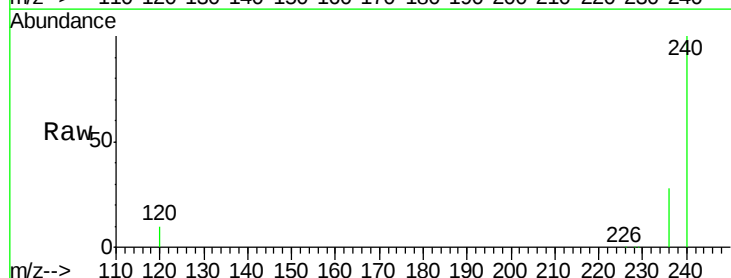
Tgt Ion:240 Resp: 72520

Ion Ratio Lower Upper

240 100

120 9.8 9.2 13.8

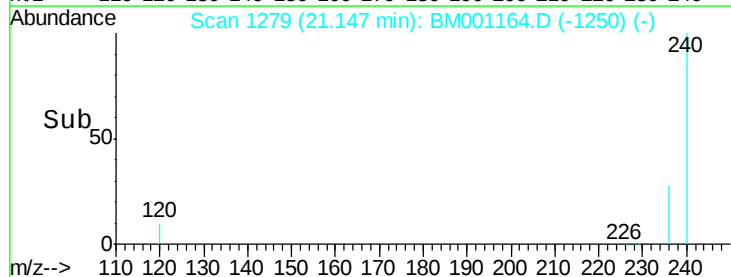
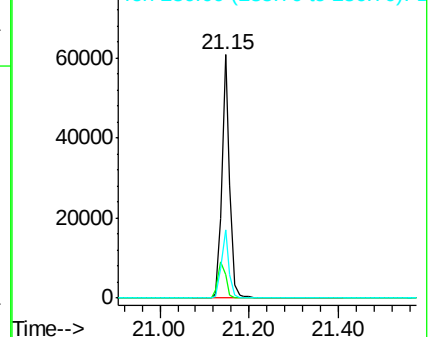
236 27.9 22.4 33.6

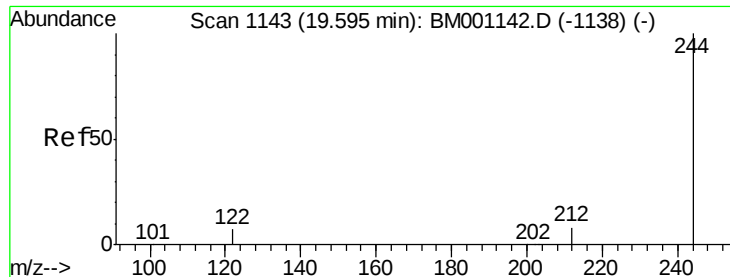


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

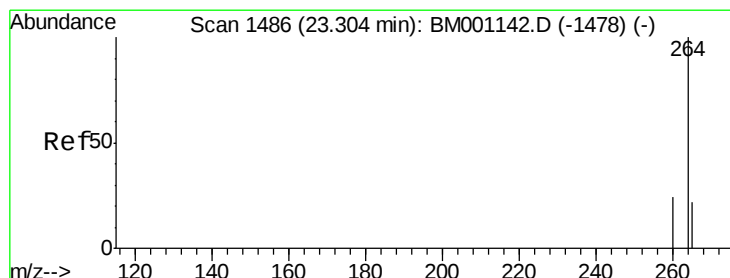
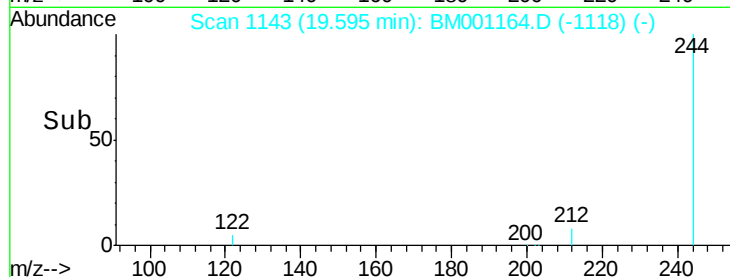
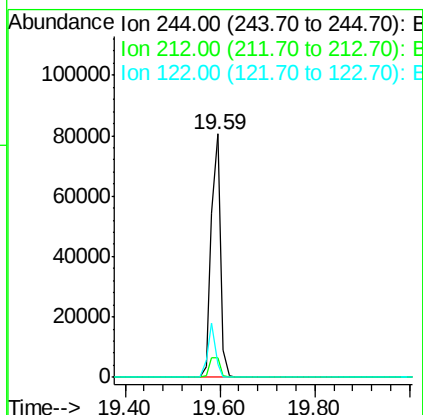
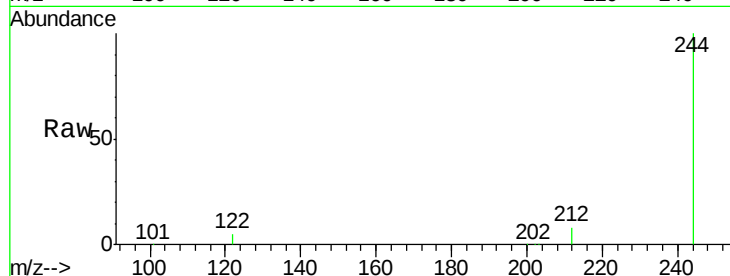




#26
 Terphenyl-d14
 Concen: 10.84 ng
 RT: 19.59 min Scan# 1143
 Delta R.T. -0.00 min
 Lab File: BM001164.D
 Acq: 02 May 2015 12:15

Instrument :
 BNA_M
 ClientSampleId :
 MWJ-2

Tot Ion:244 Resp: 108409
 Ion Ratio Lower Upper
 244 100
 212 8.2 7.1 10.7
 122 5.5 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: BM001164.D
 Acq: 02 May 2015 12:15

Tgt Ion:264 Resp: 59968
 Ion Ratio Lower Upper
 264 100
 260 26.5 18.9 28.3
 265 20.4 18.1 27.1

