

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100815\
 Data File : BM002876.D
 Acq On : 08 Oct 2015 22:47
 Operator : UM/IZ
 Sample : PB85741BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB85741BL

Quant Time: Oct 09 07:05:43 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM100815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 09 06:47:52 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.68	152	42683	5.00	ng	0.00
7) Naphthalene-d8	11.52	136	170973	5.00	ng	0.00
13) Acenaphthene-d10	15.25	164	94908	5.00	ng	0.00
19) Phenanthrene-d10	17.97	188	195511	5.00	ng	0.02
26) Chrysene-d12	22.05	240	261082	5.00	ng	0.00
35) Perylene-d12	24.63	264	260306	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	6.13	112	65413	7.17	ng	-0.02
5) Phenol-d6	7.80	99	84734	7.51	ng	0.00
8) Nitrobenzene-d5	9.88	82	33523	3.90	ng	0.00
14) 2,4,6-Tribromophenol	16.74	330	24274	7.72	ng	0.00
15) 2-Fluorobiphenyl	13.89	172	112504	3.91	ng	0.00
29) Terphenyl-d14	20.49	244	131681	3.78	ng	0.00

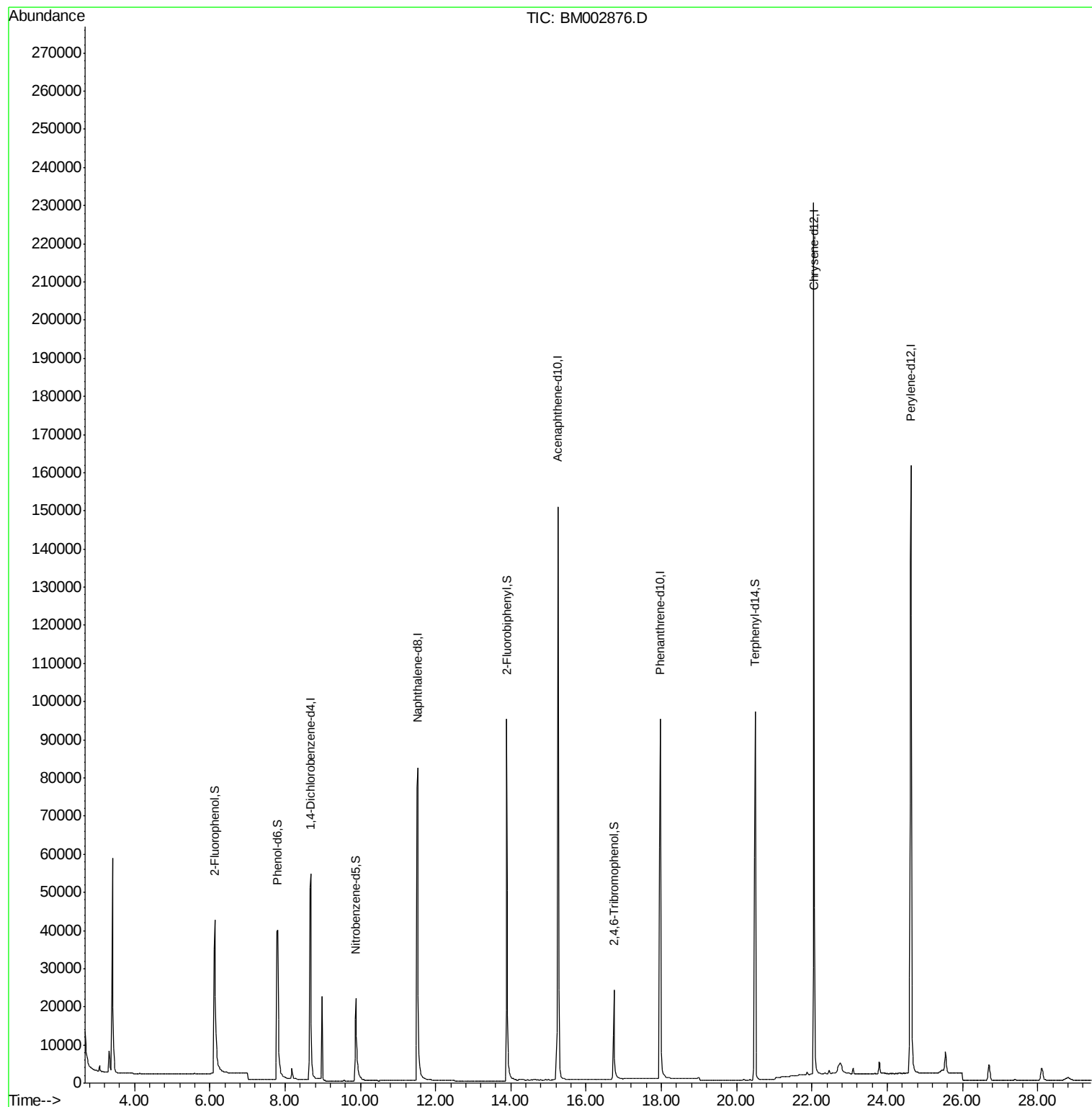
Target Compounds Qvalue

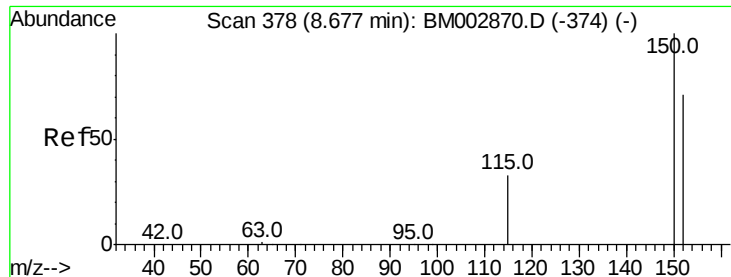
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.68 min Scan# 378

Delta R.T. 0.00 min

Lab File: BM002876.D

Acq: 08 Oct 2015 22:47

Instrument :

BNA_M

ClientSampleId :

PB85741BL

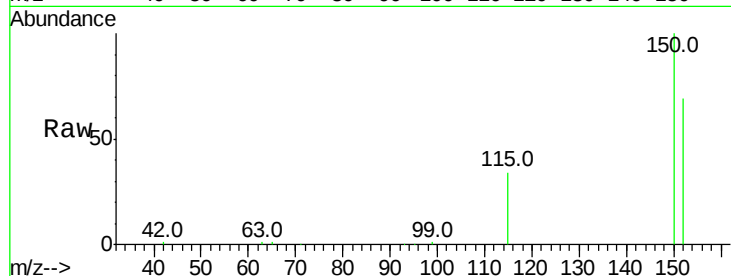
Tot Ion:152 Resp: 42683

Ion Ratio Lower Upper

152 100

150 144.2 113.0 169.6

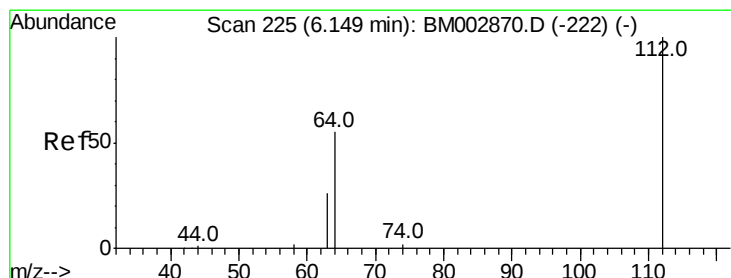
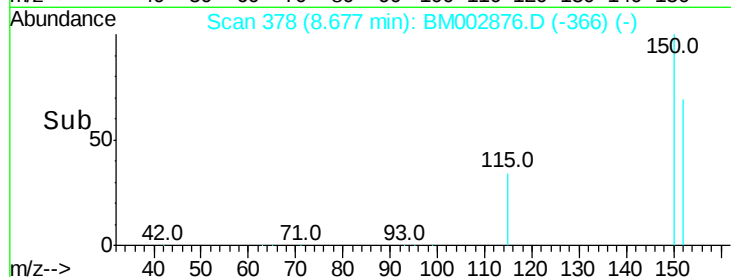
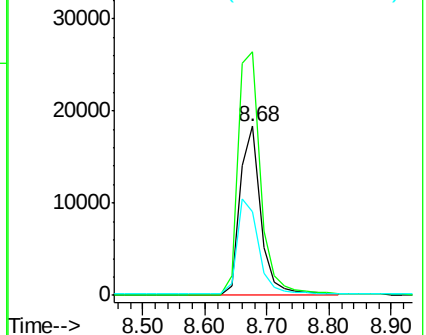
115 49.4 37.9 56.9



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: 7.17 ng

RT: 6.13 min Scan# 224

Delta R.T. -0.02 min

Lab File: BM002876.D

Acq: 08 Oct 2015 22:47

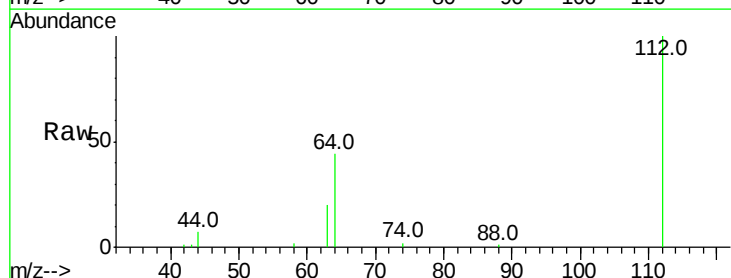
Tgt Ion:112 Resp: 65413

Ion Ratio Lower Upper

112 100

64 52.1 42.0 63.0

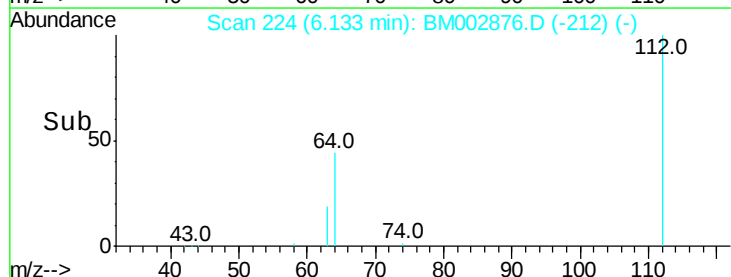
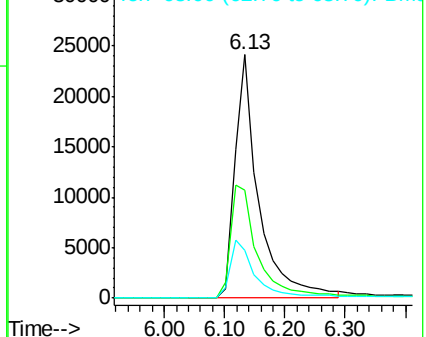
63 24.7 20.0 30.0

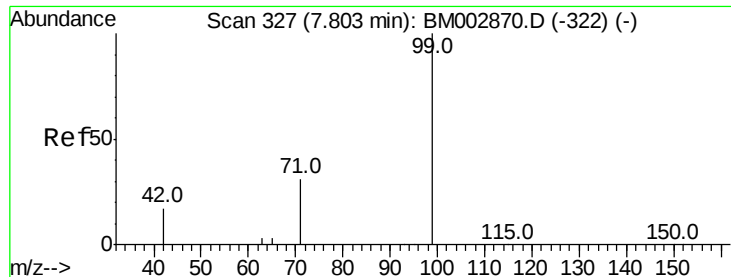


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#5

Phenol-d6

Concen: 7.51 ng

RT: 7.80 min Scan# 327

Delta R.T. 0.00 min

Lab File: BM002876.D

Acq: 08 Oct 2015 22:47

Instrument :

BNA_M

ClientSampleId :

PB85741BL

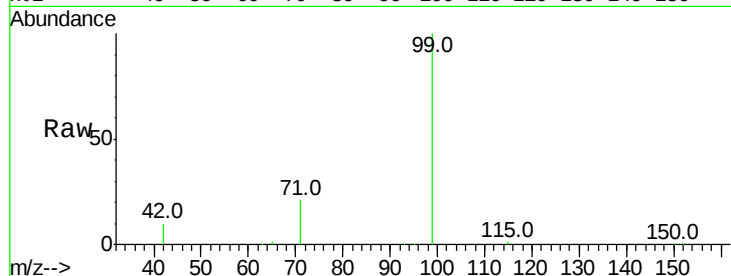
Tot Ion: 99 Resp: 84734

Ion Ratio Lower Upper

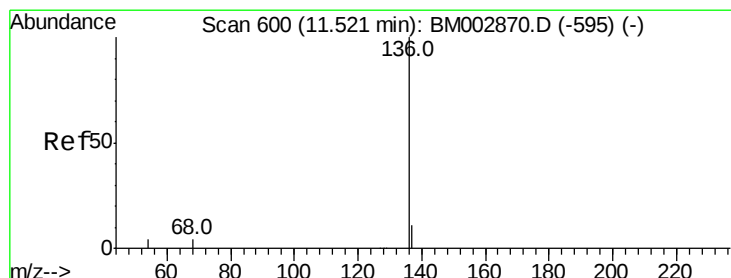
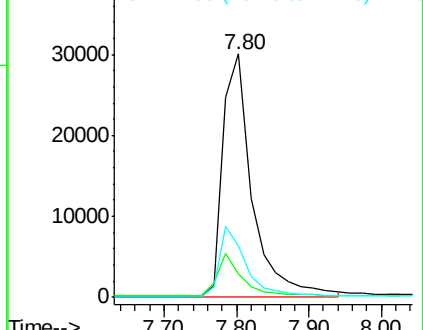
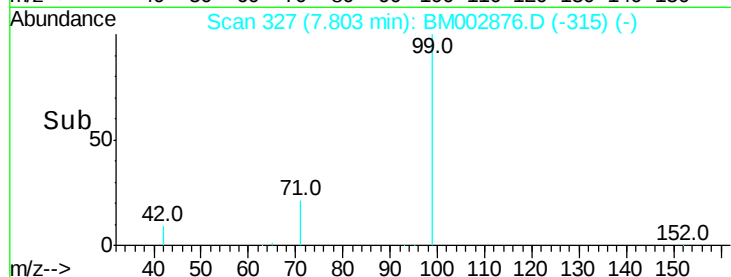
99 100

42 15.0 12.4 18.6

71 26.7 21.4 32.0



Abundance Ion 99.00 (98.70 to 99.70): BM002876.D (-315) (-)



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 11.52 min Scan# 601

Delta R.T. 0.00 min

Lab File: BM002876.D

Acq: 08 Oct 2015 22:47

Tgt Ion: 136 Resp: 170973

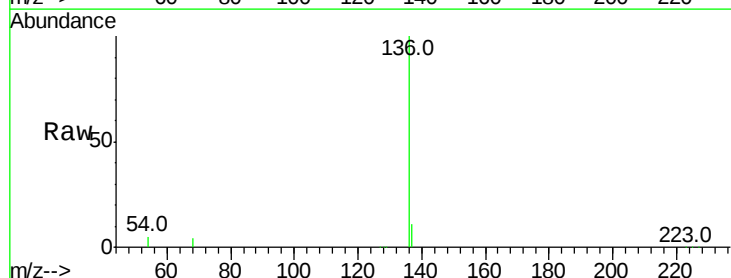
Ion Ratio Lower Upper

136 100

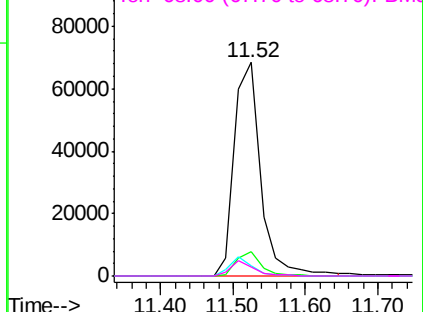
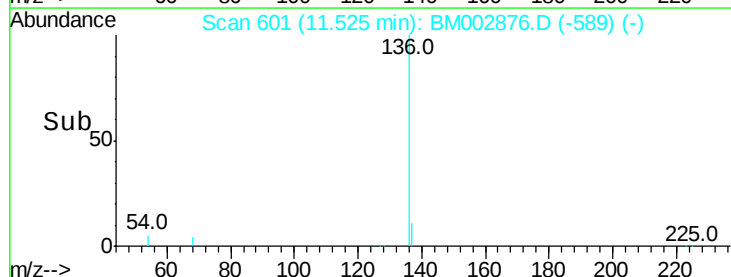
137 11.4 9.1 13.7

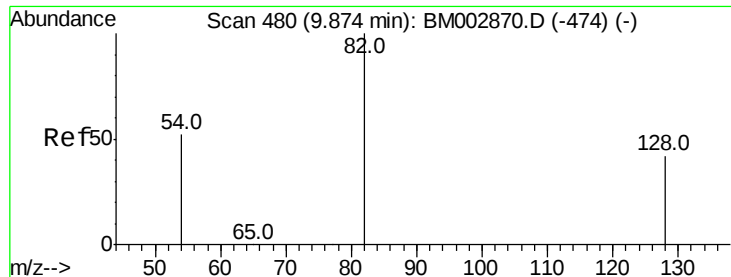
54 4.6 3.5 5.3

68 4.3 3.3 4.9



Abundance Ion 136.00 (135.70 to 136.70): BM002876.D (-589) (-)





#8

Nitrobenzene-d5

Concen: 3.90 ng

RT: 9.88 min Scan# 481

Delta R.T. 0.00 min

Lab File: BM002876.D

Acq: 08 Oct 2015 22:47

Instrument :

BNA_M

ClientSampleId :

PB85741BL

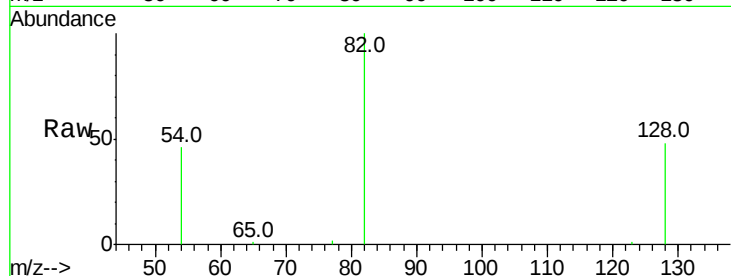
Tot Ion: 82 Resp: 33523

Ion Ratio Lower Upper

82 100

128 47.5 34.1 51.1

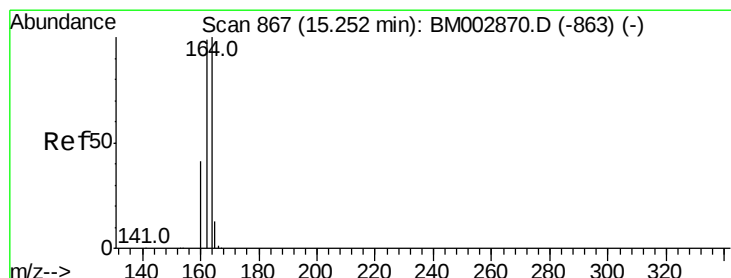
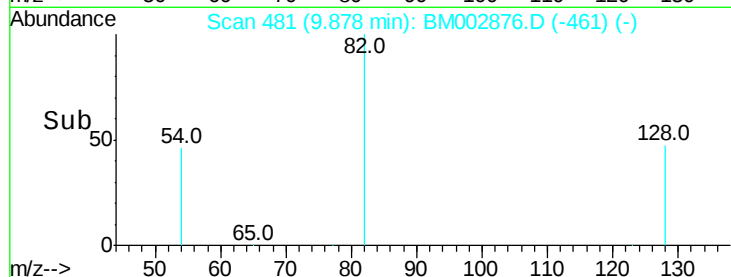
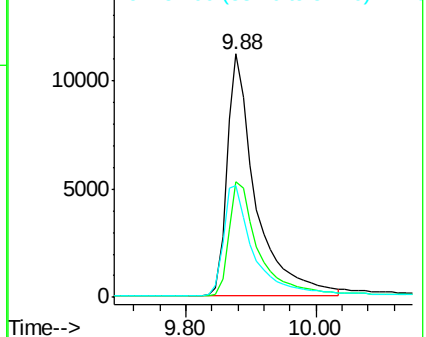
54 46.1 42.6 63.8



Abundance Ion 82.00 (81.70 to 82.70): BM002876.D (-461) (-)

Ion 128.00 (127.70 to 128.70): BM002876.D (-461) (-)

Ion 54.00 (53.70 to 54.70): BM002876.D (-461) (-)



#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 15.25 min Scan# 868

Delta R.T. -0.00 min

Lab File: BM002876.D

Acq: 08 Oct 2015 22:47

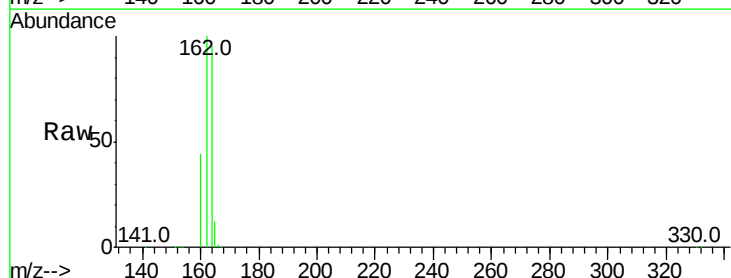
Tgt Ion: 164 Resp: 94908

Ion Ratio Lower Upper

164 100

162 105.7 79.6 119.4

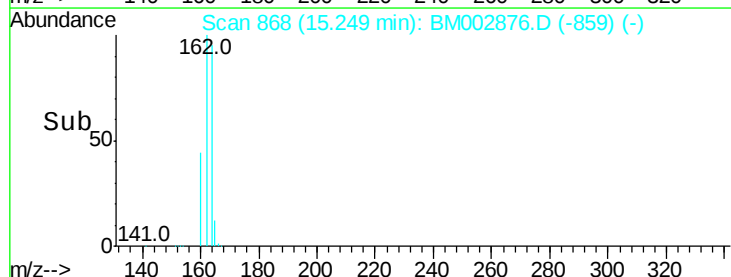
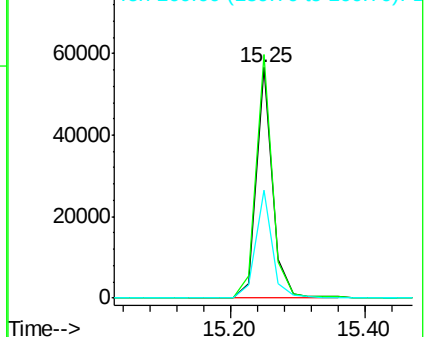
160 46.9 33.1 49.7

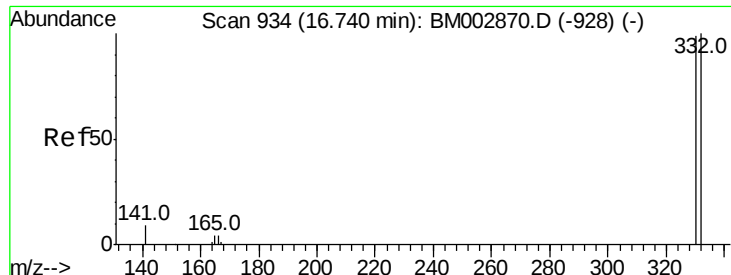


Abundance Ion 164.00 (163.70 to 164.70): BM002876.D (-859) (-)

Ion 162.00 (161.70 to 162.70): BM002876.D (-859) (-)

Ion 160.00 (159.70 to 160.70): BM002876.D (-859) (-)

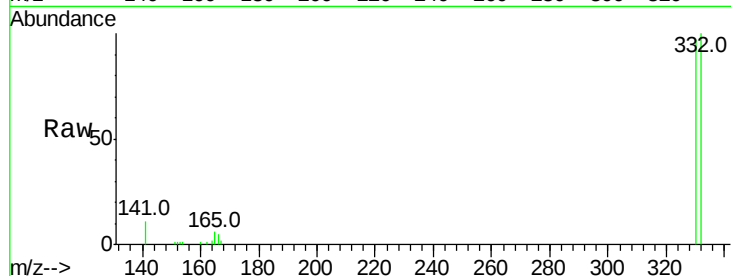




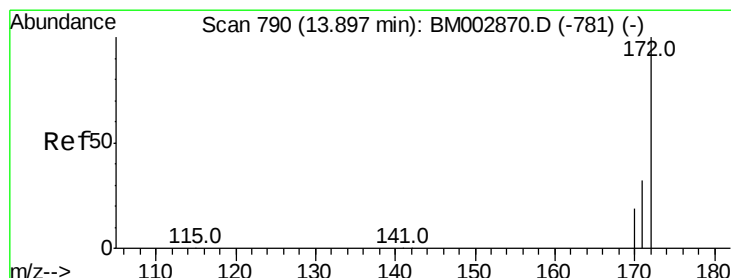
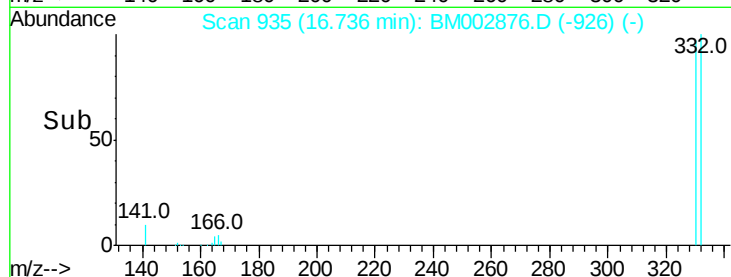
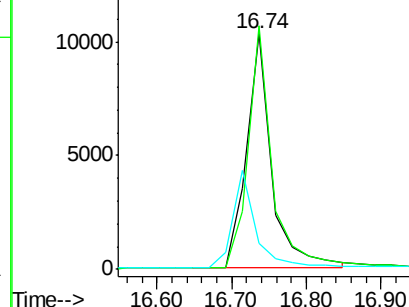
#14
 2,4,6-Tribromophenol
 Concen: 7.72 ng
 RT: 16.74 min Scan# 935
 Delta R.T. -0.00 min
 Lab File: BM002876.D
 Acq: 08 Oct 2015 22:47

Instrument :
 BNA_M
 ClientSampleId :
 PB85741BL

Tot Ion:330 Resp: 24274
 Ion Ratio Lower Upper
 330 100
 332 97.2 76.6 115.0
 141 0.0 0.0 0.0

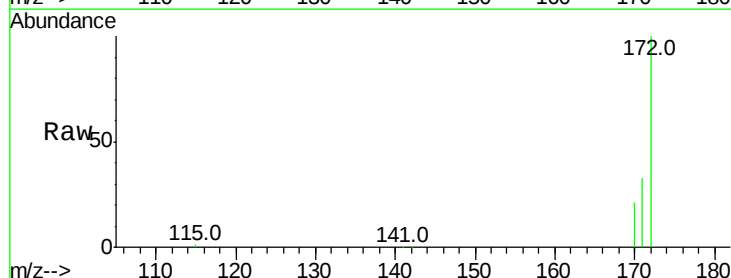


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

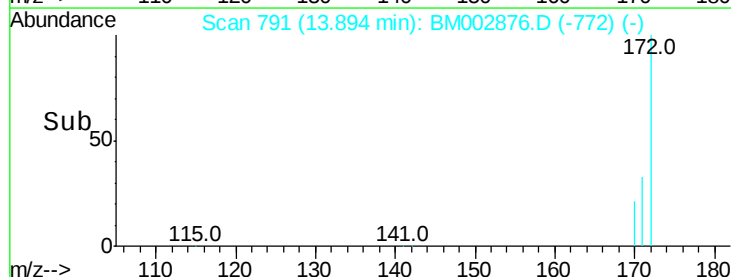
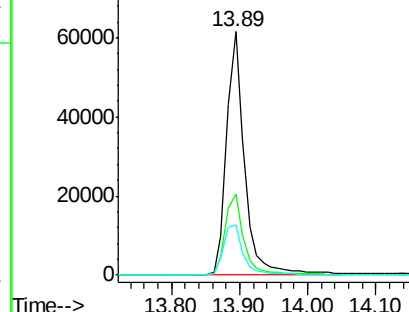


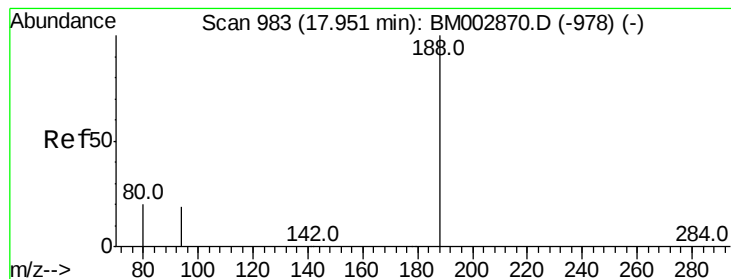
#15
 2-Fluorobiphenyl
 Concen: 3.91 ng
 RT: 13.89 min Scan# 791
 Delta R.T. -0.00 min
 Lab File: BM002876.D
 Acq: 08 Oct 2015 22:47

Tgt Ion:172 Resp: 112504
 Ion Ratio Lower Upper
 172 100
 171 33.4 26.1 39.1
 170 20.7 15.7 23.5



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





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.97 min Scan# 985

Delta R.T. 0.02 min

Lab File: BM002876.D

Acq: 08 Oct 2015 22:47

Instrument :

BNA_M

ClientSampleId :

PB85741BL

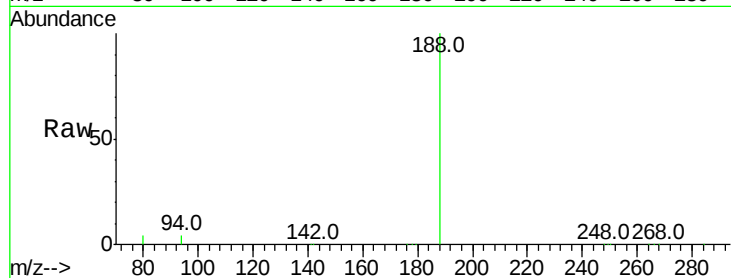
Tot Ion:188 Resp: 195511

Ion Ratio Lower Upper

188 100

94 3.9 15.2 22.8#

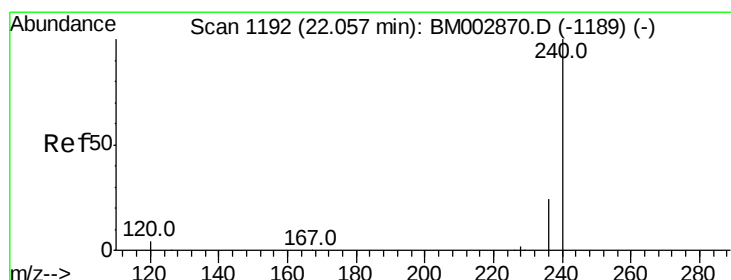
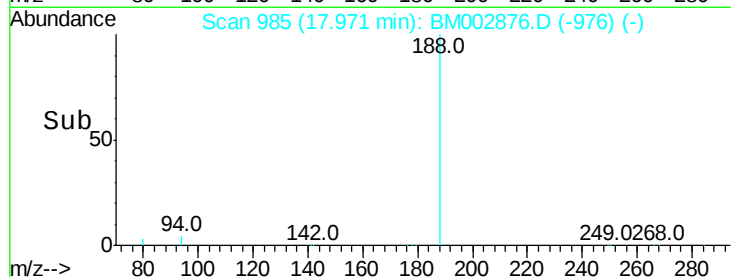
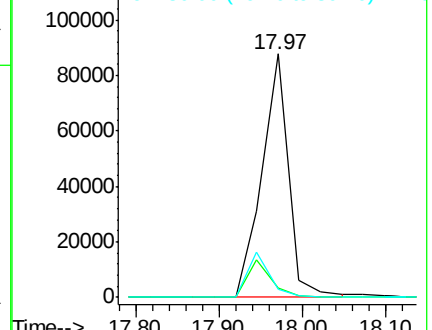
80 3.5 15.9 23.9#



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



#26

Chrysene-d12

Concen: 5.00 ng

RT: 22.05 min Scan# 1193

Delta R.T. -0.01 min

Lab File: BM002876.D

Acq: 08 Oct 2015 22:47

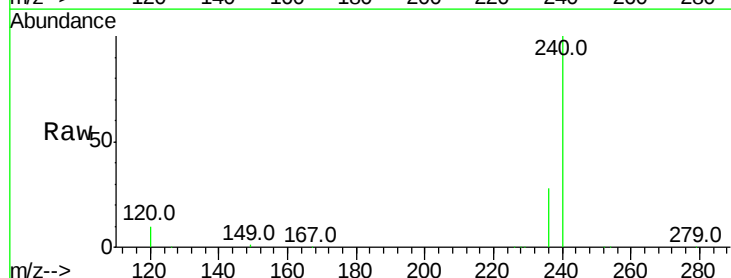
Tgt Ion:240 Resp: 261082

Ion Ratio Lower Upper

240 100

120 10.0 3.3 4.9#

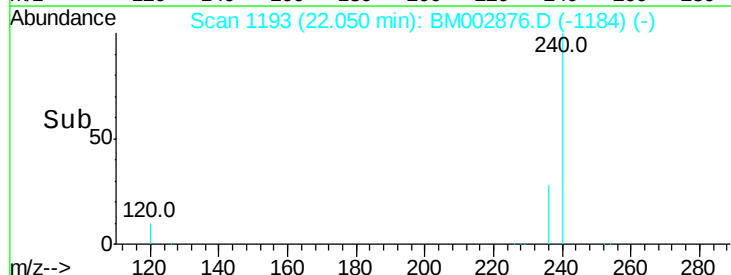
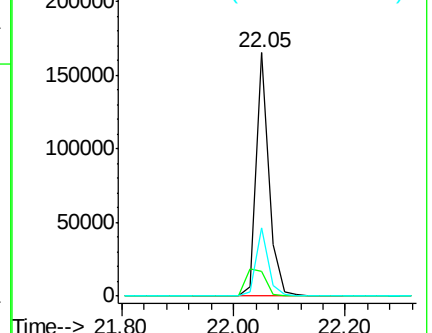
236 27.9 19.5 29.3

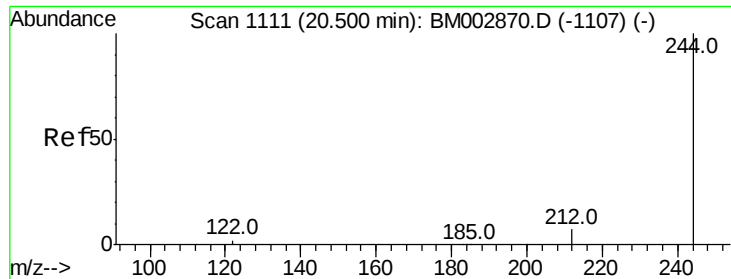


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 3.78 ng

RT: 20.49 min Scan# 1112

Delta R.T. -0.01 min

Lab File: BM002876.D

Acq: 08 Oct 2015 22:47

Instrument :

BNA_M

ClientSampleId :

PB85741BL

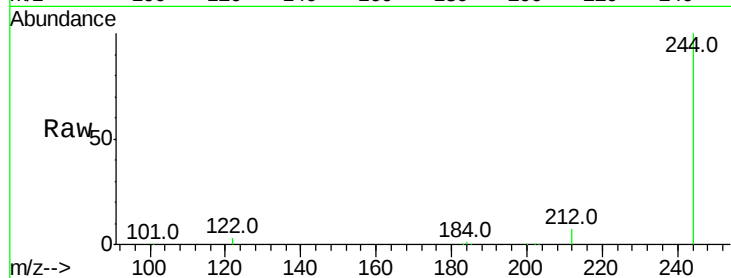
Tot Ion:244 Resp: 131681

Ion Ratio Lower Upper

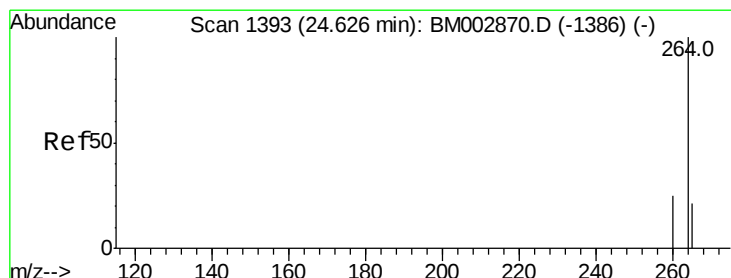
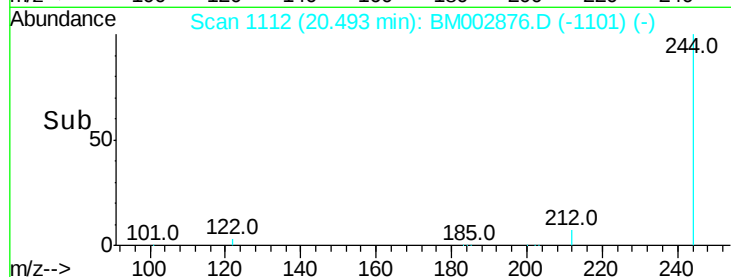
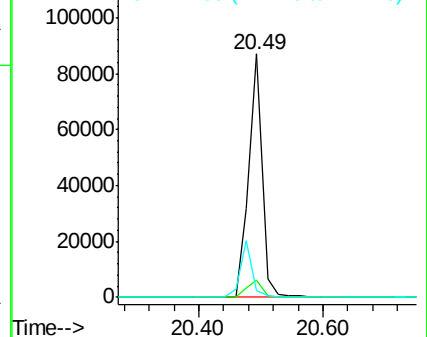
244 100

212 7.2 5.6 8.4

122 2.9 2.2 3.2



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



#35

Perylene-d12

Concen: 5.00 ng

RT: 24.63 min Scan# 1395

Delta R.T. 0.00 min

Lab File: BM002876.D

Acq: 08 Oct 2015 22:47

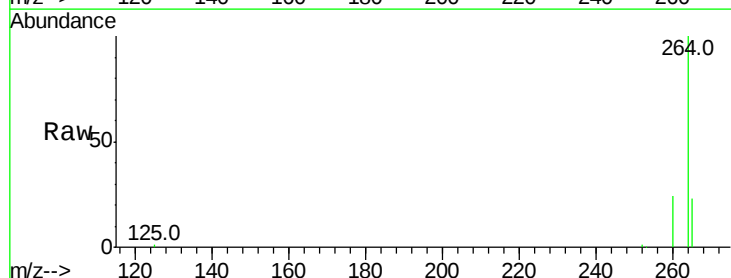
Tgt Ion:264 Resp: 260306

Ion Ratio Lower Upper

264 100

260 24.5 20.1 30.1

265 22.7 17.6 26.4



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

