

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102414\
 Data File : BE088217.D
 Acq On : 24 Oct 2014 17:42
 Operator : TP/JJ
 Sample : PB79823BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB79823BL

Quant Time: Oct 27 13:16:03 2014
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-PAH-BE102414.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 27 13:04:40 2014
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.11	152	39413	5.00	ng	0.00
3) Naphthalene-d8	8.67	136	148919	5.00	ng	0.00
7) Acenaphthene-d10	10.82	164	67692	5.00	ng	0.00
12) Phenanthrene-d10	12.94	188	120482	5.00	ng	0.00
16) Chrysene-d12	18.34	240	61316	5.00	ng	0.00
22) Perylene-d12	21.40	264	55583	5.00	ng	0.00
System Monitoring Compounds						
4) Nitrobenzene-d5	7.80	82	79782	7.19	ng	0.00
8) 2-Fluorobiphenyl	10.01	172	141218	7.48	ng	0.00
18) Terphenyl-d14	16.11	244	91554	9.12	ng	0.00

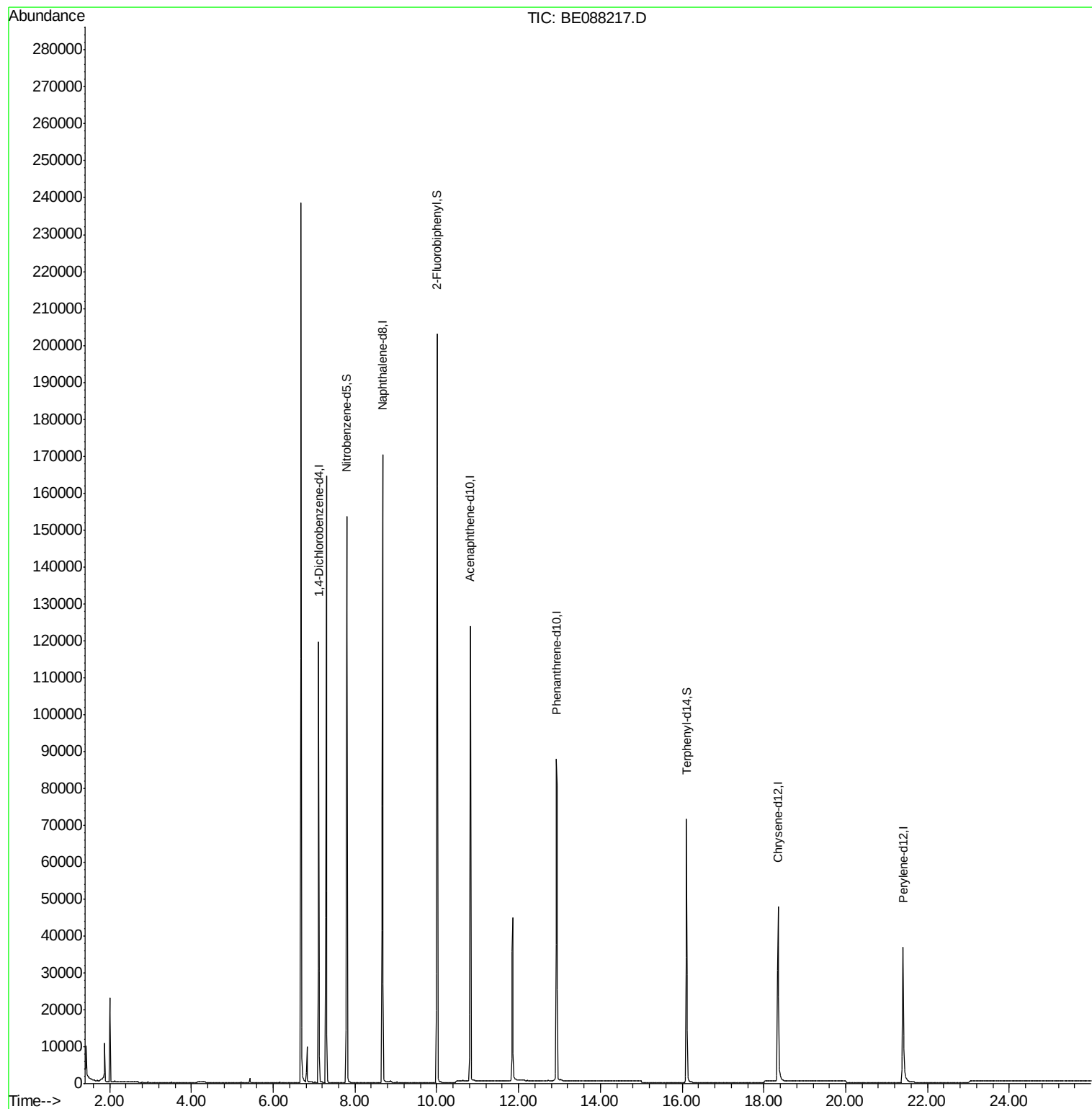
Target Compounds	Qvalue

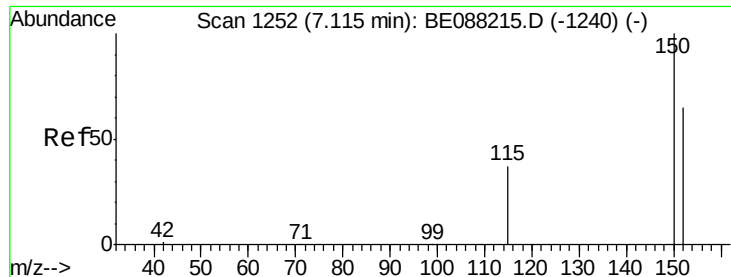
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.11 min Scan# 1252

Delta R.T. -0.00 min

Lab File: BE088217.D

Acq: 24 Oct 2014 17:42

Instrument :

BNA_E

ClientSampleId :

PB79823BL

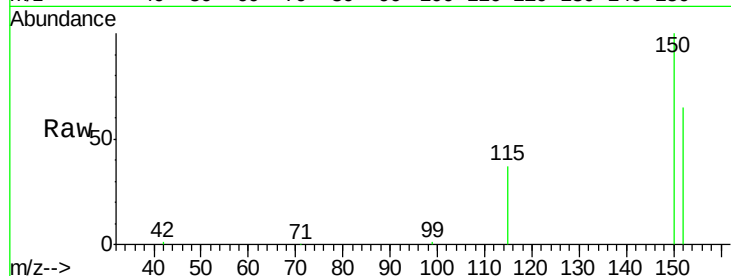
Tgt Ion:152 Resp: 39413

Ion Ratio Lower Upper

152 100

150 154.5 123.2 184.8

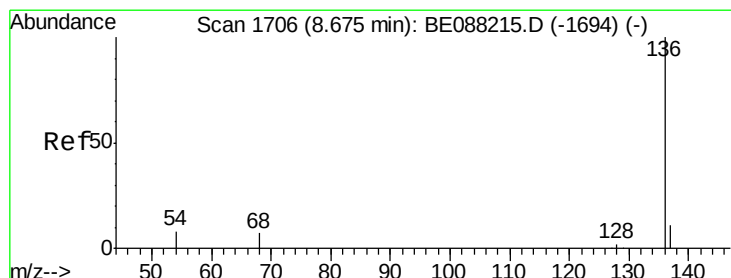
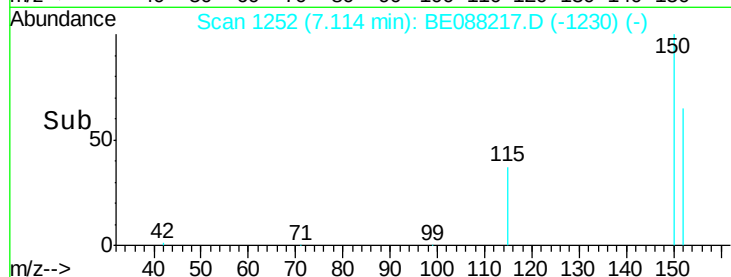
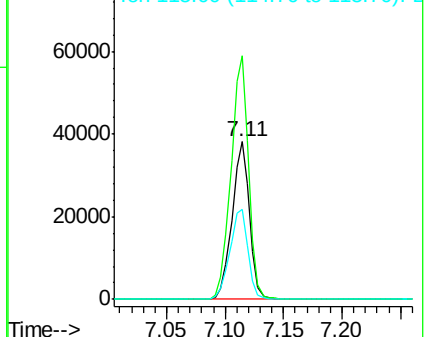
115 57.2 45.3 67.9



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



#3

Naphthalene-d8

Concen: 5.00 ng

RT: 8.67 min Scan# 1706

Delta R.T. -0.00 min

Lab File: BE088217.D

Acq: 24 Oct 2014 17:42

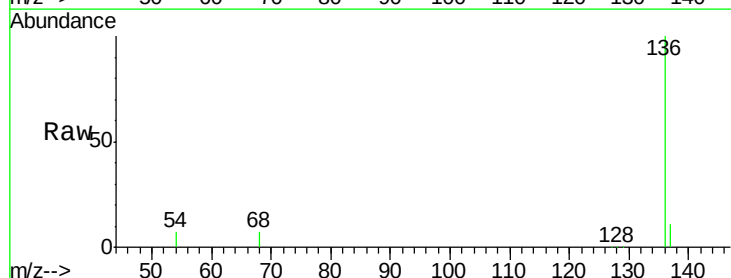
Tgt Ion:136 Resp: 148919

Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

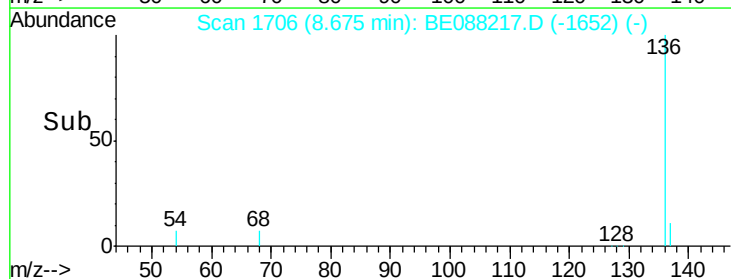
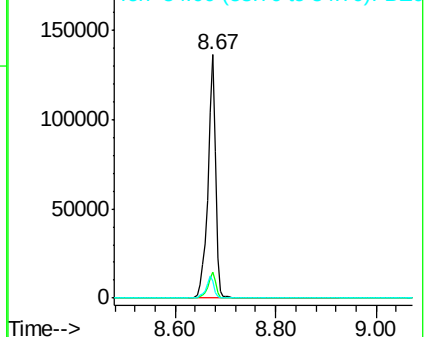
54 7.0 6.1 9.1

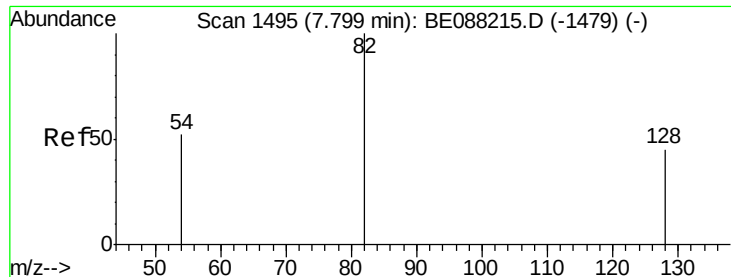


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0





#4

Nitrobenzene-d5

Concen: 7.19 ng

RT: 7.80 min Scan# 1496

Delta R.T. 0.00 min

Lab File: BE088217.D

Acq: 24 Oct 2014 17:42

Instrument :

BNA_E

ClientSampled :

PB79823BL

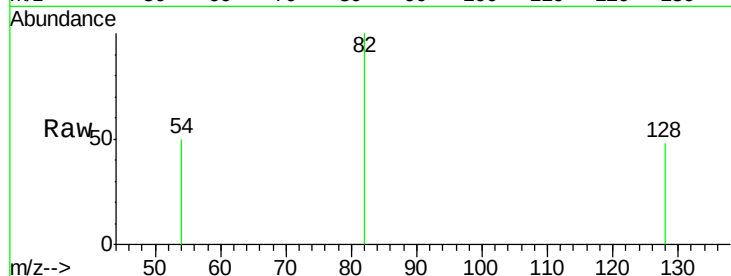
Tgt Ion: 82 Resp: 79782

Ion Ratio Lower Upper

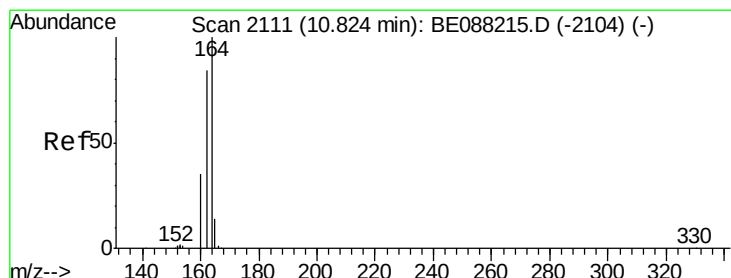
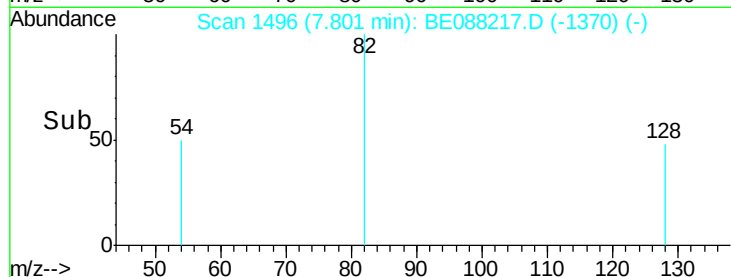
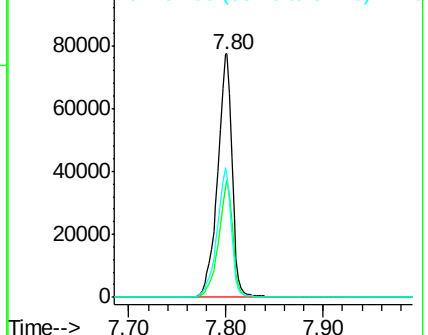
82 100

128 48.1 36.2 54.2

54 50.2 41.8 62.8



Abundance Ion 82.00 (81.70 to 82.70): BE0
Ion 128.00 (127.70 to 128.70): BE0
Ion 54.00 (53.70 to 54.70): BE0



#7

Acenaphthene-d10

Concen: 5.00 ng

RT: 10.82 min Scan# 2111

Delta R.T. -0.00 min

Lab File: BE088217.D

Acq: 24 Oct 2014 17:42

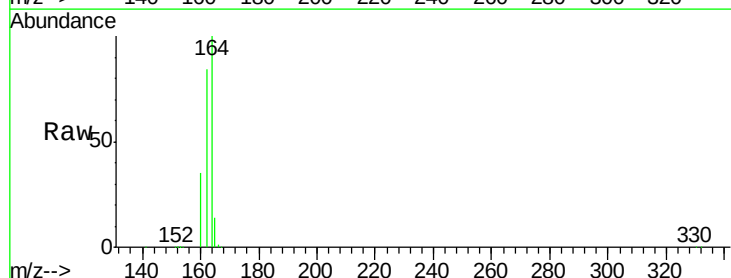
Tgt Ion: 164 Resp: 67692

Ion Ratio Lower Upper

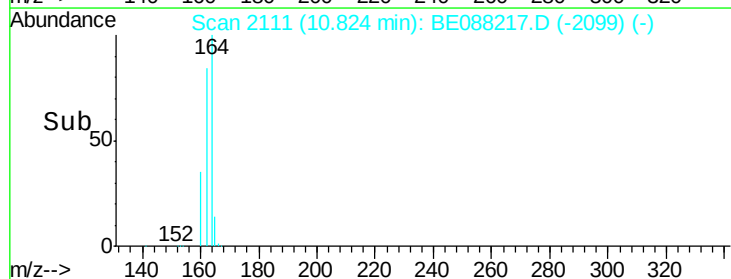
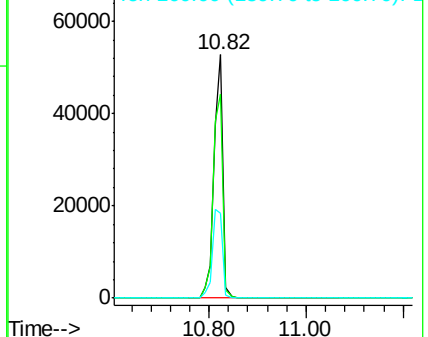
164 100

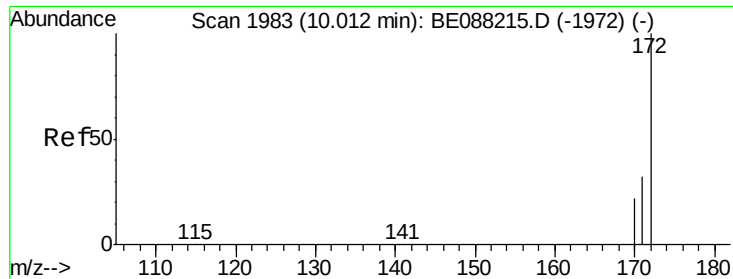
162 83.9 67.4 101.0

160 34.6 27.7 41.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#8

2-Fluorobiphenyl

Concen: 7.48 ng

RT: 10.01 min Scan# 1983

Delta R.T. 0.00 min

Lab File: BE088217.D

Acq: 24 Oct 2014 17:42

Instrument :

BNA_E

ClientSampleId :

PB79823BL

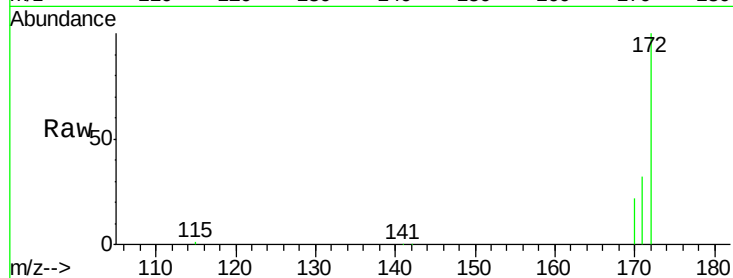
Tgt Ion:172 Resp: 141218

Ion Ratio Lower Upper

172 100

171 32.5 25.8 38.6

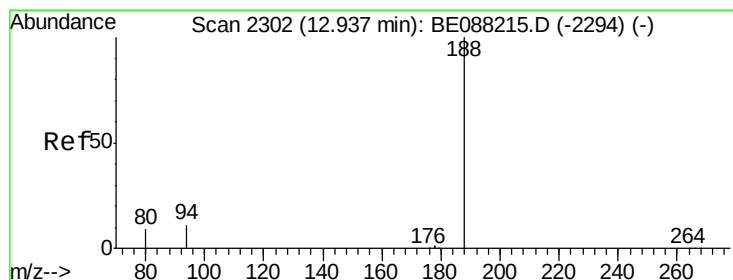
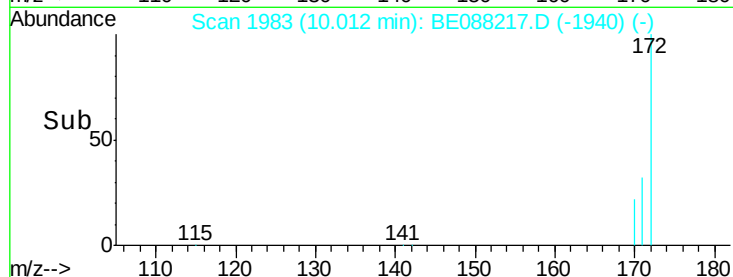
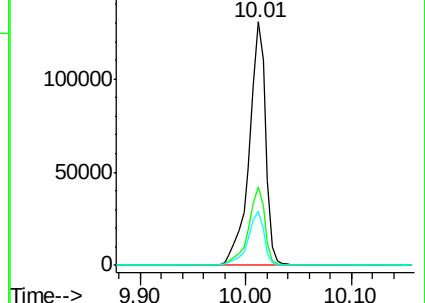
170 22.4 17.4 26.0



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



#12

Phenanthrene-d10

Concen: 5.00 ng

RT: 12.94 min Scan# 2302

Delta R.T. 0.00 min

Lab File: BE088217.D

Acq: 24 Oct 2014 17:42

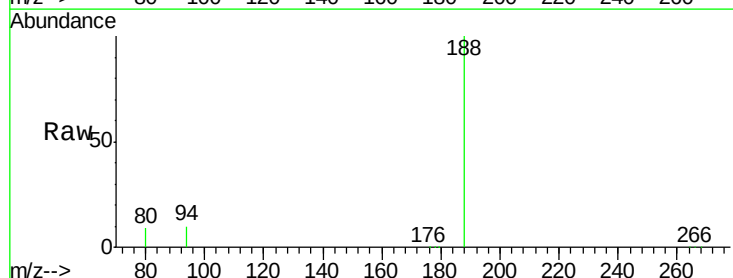
Tgt Ion:188 Resp: 120482

Ion Ratio Lower Upper

188 100

94 10.4 8.5 12.7

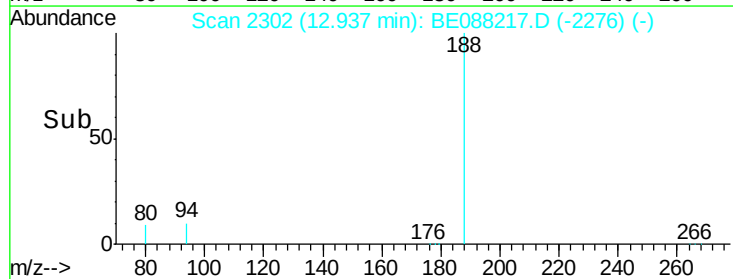
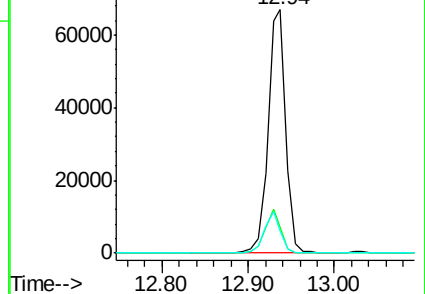
80 9.1 7.4 11.0

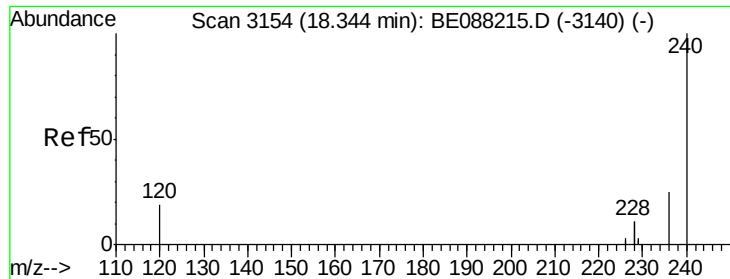


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#16

Chrysene-d12

Concen: 5.00 ng

RT: 18.34 min Scan# 3154

Delta R.T. -0.00 min

Lab File: BE088217.D

Acq: 24 Oct 2014 17:42

Instrument :

BNA_E

ClientSampleId :

PB79823BL

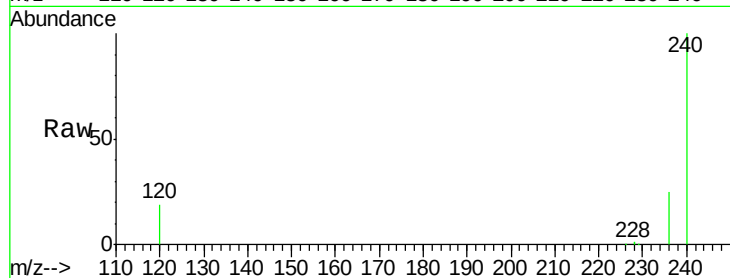
Tgt Ion:240 Resp: 61316

Ion Ratio Lower Upper

240 100

120 18.9 15.1 22.7

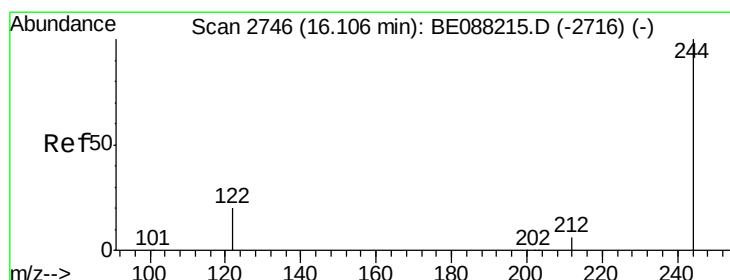
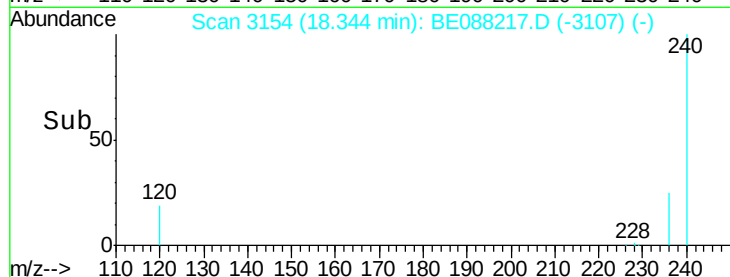
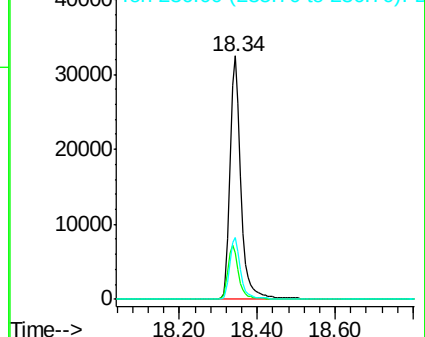
236 25.2 20.1 30.1



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



#18

Terphenyl-d14

Concen: 9.12 ng

RT: 16.11 min Scan# 2747

Delta R.T. 0.01 min

Lab File: BE088217.D

Acq: 24 Oct 2014 17:42

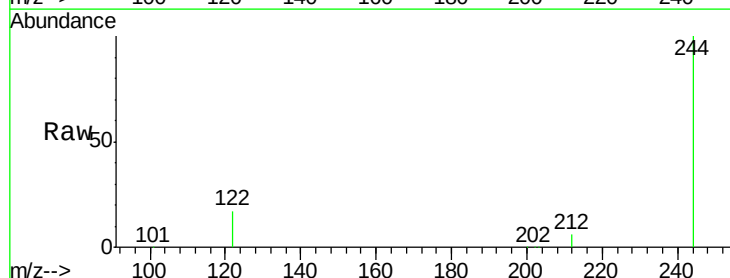
Tgt Ion:244 Resp: 91554

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.2

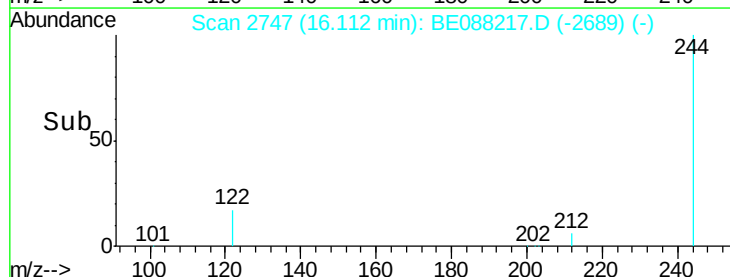
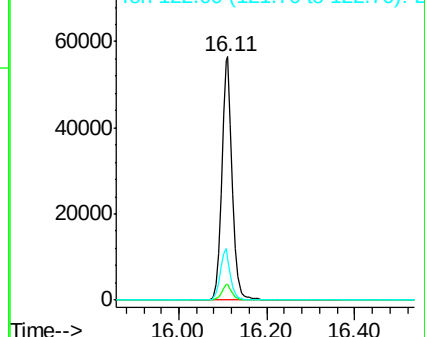
122 16.7 16.7 25.1

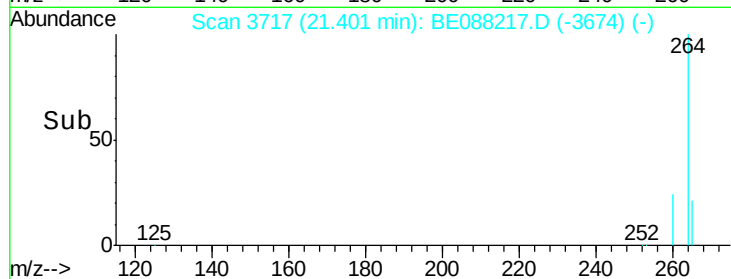
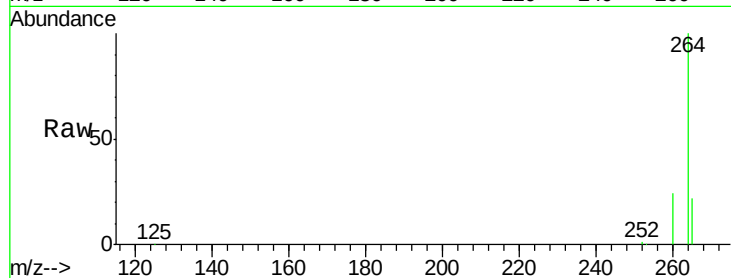
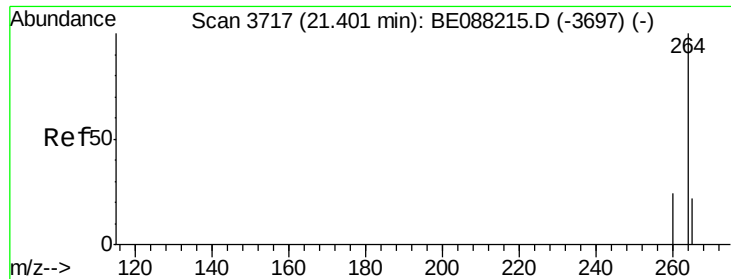


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#22
Perylene-d12
Concen: 5.00 ng
RT: 21.40 min Scan# 3717
Delta R.T. 0.00 min
Lab File: BE088217.D
Acq: 24 Oct 2014 17:42

Instrument :
BNA_E
ClientSampleId :
PB79823BL

Tgt Ion: 264 Resp: 55583
Ion Ratio Lower Upper
264 100
260 23.7 19.0 28.4
265 21.6 17.4 26.2

