

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE032415\
Data File : BE089822.D
Acq On : 24 Mar 2015 20:14
Operator : TP/JJ
Sample : PB82216BL
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB82216BL

Quant Time: Mar 25 03:39:03 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIMPAH-BE032415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 24 18:03:12 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	161900	5.00	ng	0.00
4) Naphthalene-d8	10.26	136	662741	5.00	ng	0.00
8) Acenaphthene-d10	14.38	164	298519	5.00	ng	0.00
13) Phenanthrene-d10	17.92	188	511829	5.00	ng	0.00
19) Chrysene-d12	24.26	240	425172	5.00	ng	0.00
25) Perylene-d12	27.42	264	329178	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) Nitrobenzene-d5	8.68	82	464019	9.56	ng	0.00
9) 2-Fluorobiphenyl	12.85	172	598373	8.57	ng	0.00
21) Terphenyl-d14	21.86	244	657437	10.48	ng	0.00

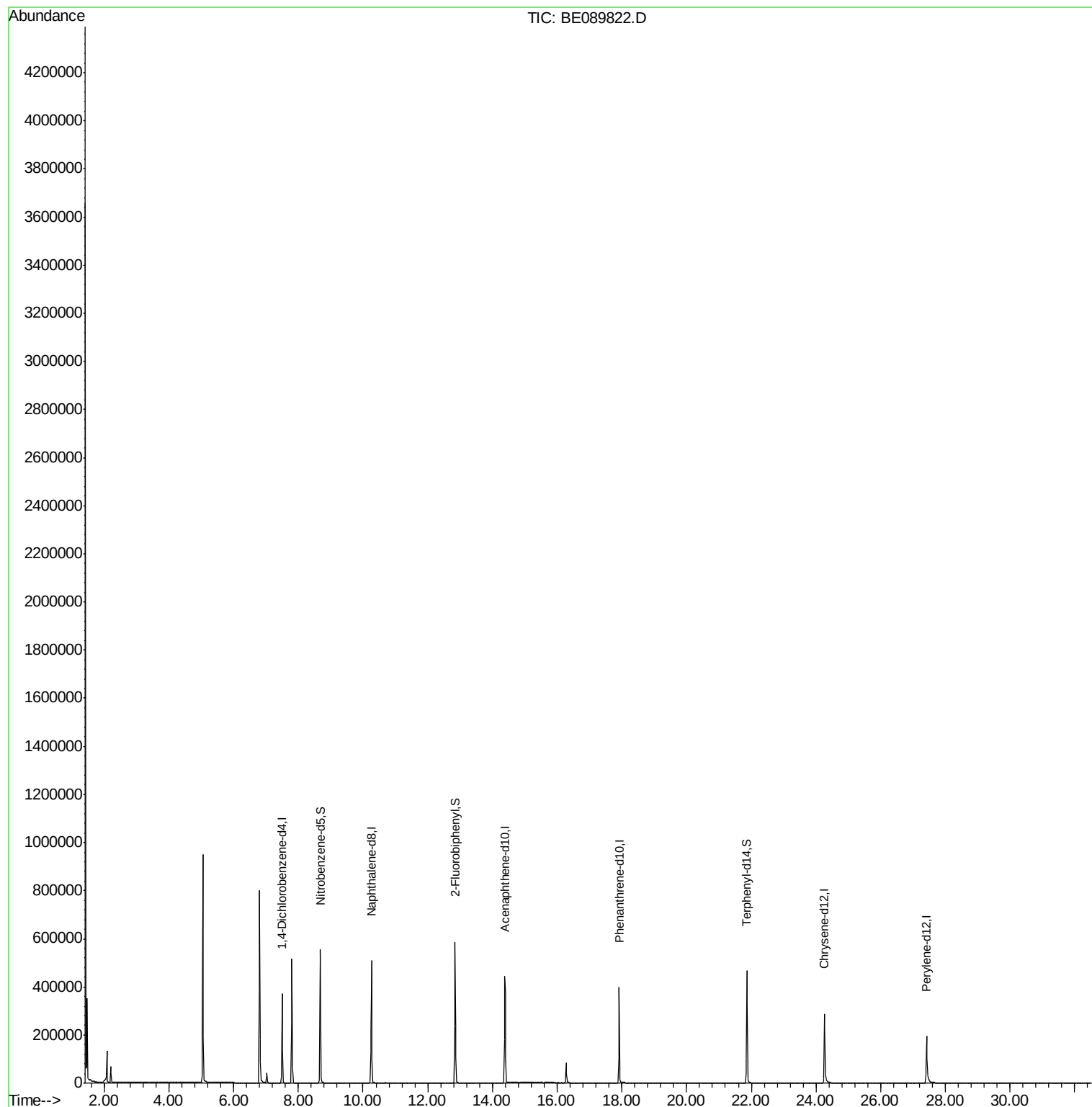
Target Compounds	Qvalue
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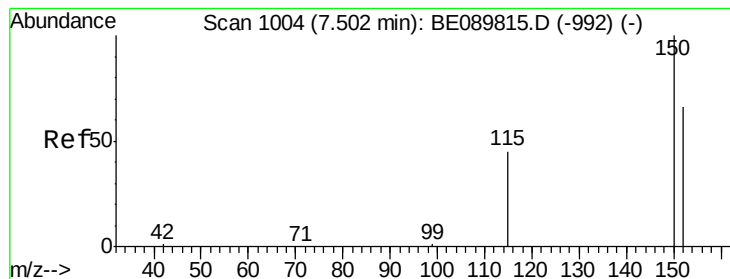
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.50 min Scan# 1003

Delta R.T. -0.00 min

Lab File: BE089822.D

Acq: 24 Mar 2015 20:14

Instrument :

BNA_E

ClientSampleId :

PB82216BL

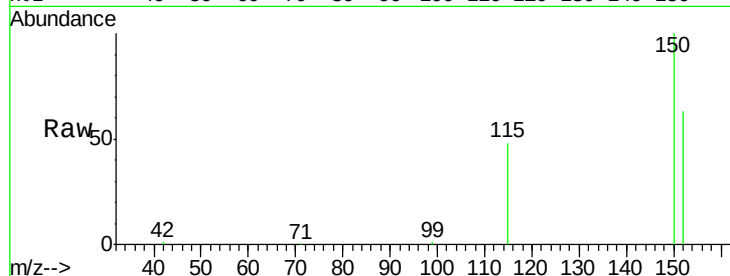
Tgt Ion:152 Resp: 161900

Ion Ratio Lower Upper

152 100

150 157.7 125.5 188.3

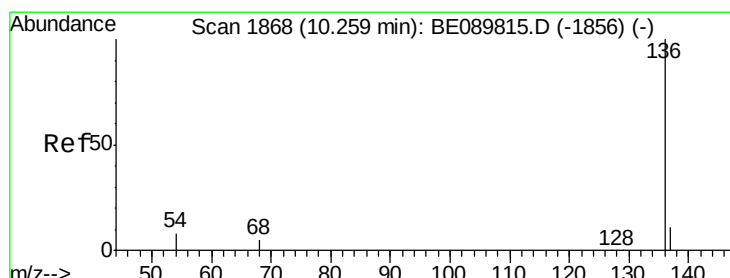
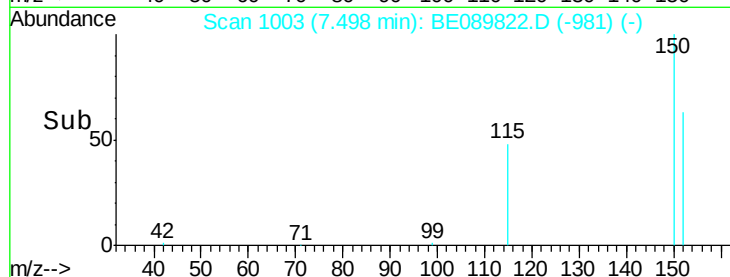
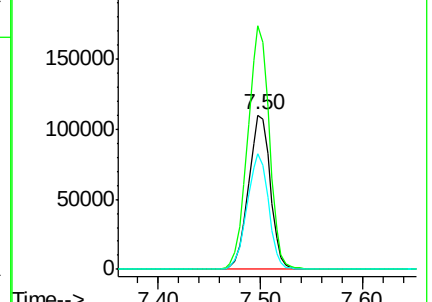
115 75.0 58.0 87.0



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

Naphthalene-d8

Concen: 5.00 ng

RT: 10.26 min Scan# 1868

Delta R.T. 0.00 min

Lab File: BE089822.D

Acq: 24 Mar 2015 20:14

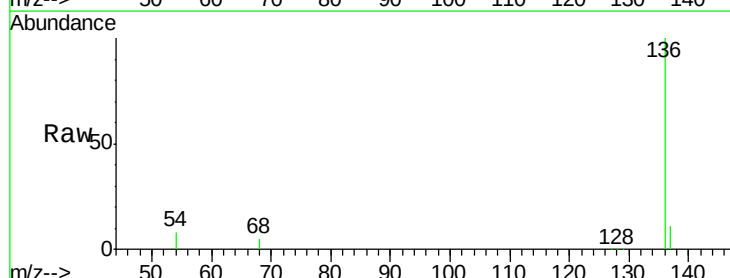
Tgt Ion:136 Resp: 662741

Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

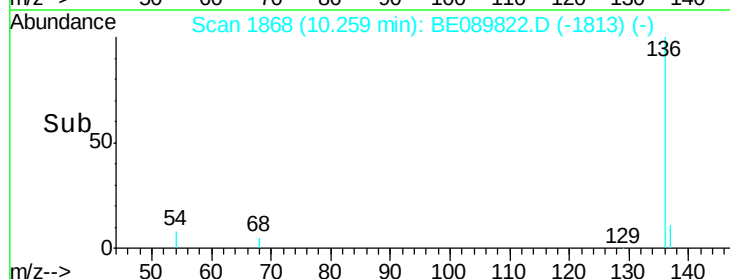
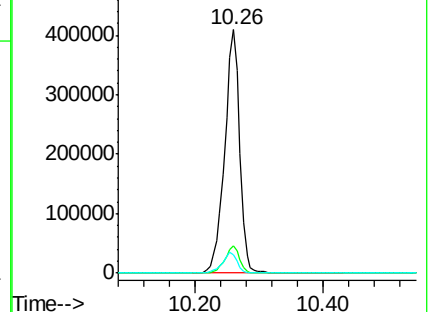
54 7.8 7.0 10.4

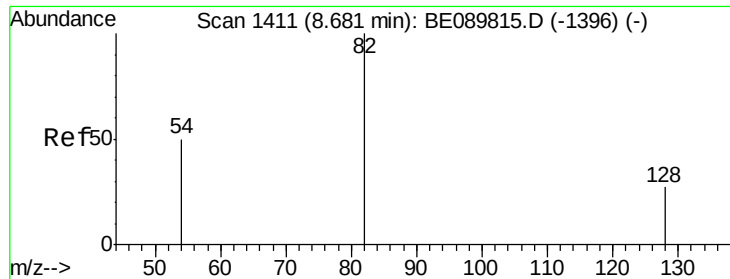


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0





#5

Nitrobenzene-d5

Concen: 9.56 ng

RT: 8.68 min Scan# 1410

Delta R.T. -0.00 min

Lab File: BE089822.D

Acq: 24 Mar 2015 20:14

Instrument :

BNA_E

ClientSampleId :

PB82216BL

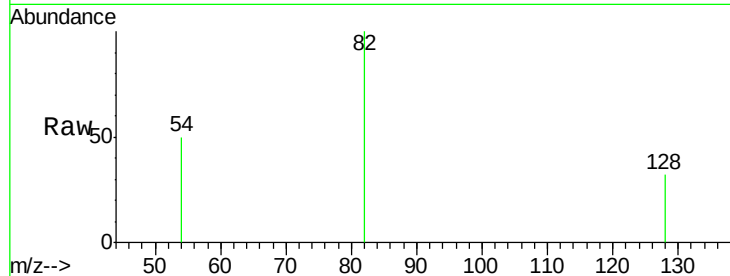
Tgt Ion: 82 Resp: 464019

Ion Ratio Lower Upper

82 100

128 32.3 24.6 37.0

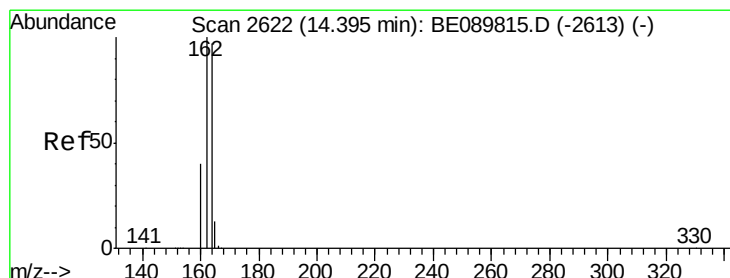
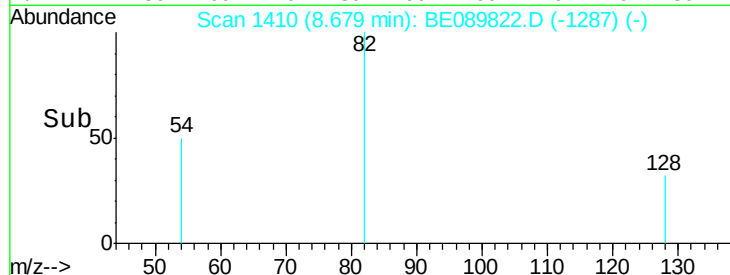
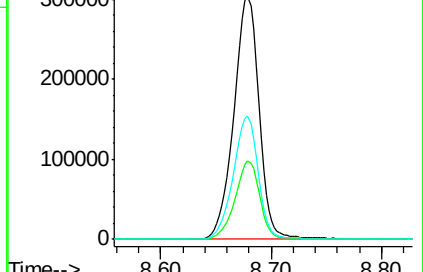
54 50.4 43.0 64.6



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



#8

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.38 min Scan# 2621

Delta R.T. -0.00 min

Lab File: BE089822.D

Acq: 24 Mar 2015 20:14

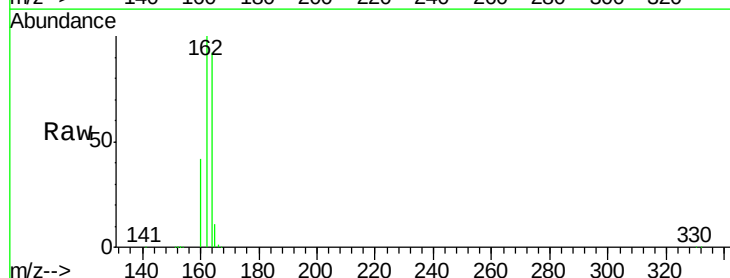
Tgt Ion: 164 Resp: 298519

Ion Ratio Lower Upper

164 100

162 108.2 87.6 131.4

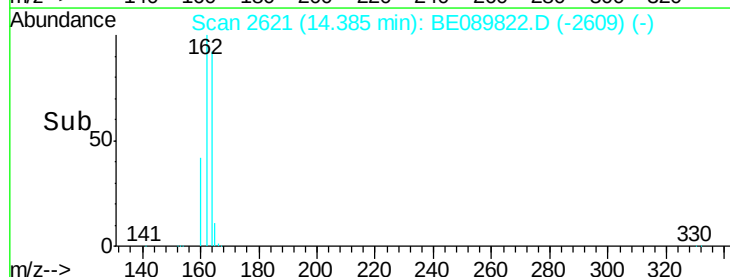
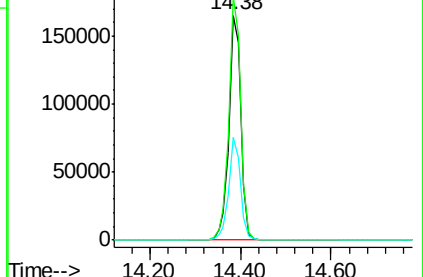
160 45.8 36.7 55.1

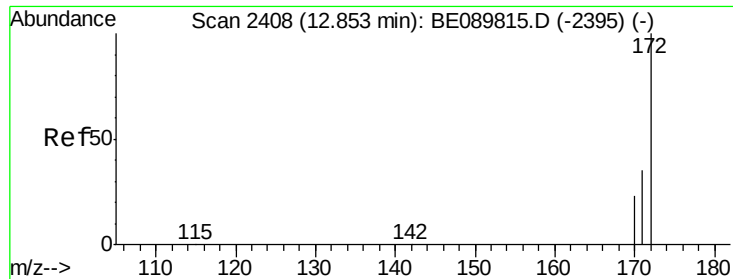


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#9

2-Fluorobiphenyl

Concen: 8.57 ng

RT: 12.85 min Scan# 2407

Delta R.T. -0.00 min

Lab File: BE089822.D

Acq: 24 Mar 2015 20:14

Instrument :

BNA_E

ClientSampleId :

PB82216BL

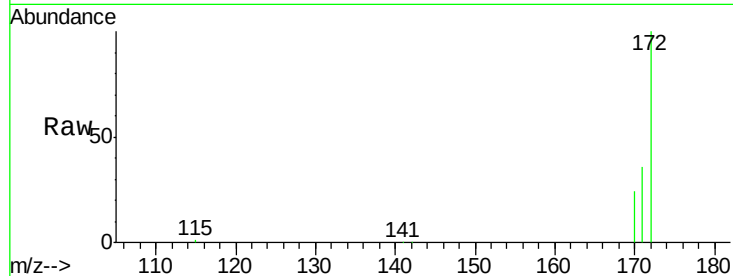
Tgt Ion:172 Resp: 598373

Ion Ratio Lower Upper

172 100

171 36.5 30.8 46.2

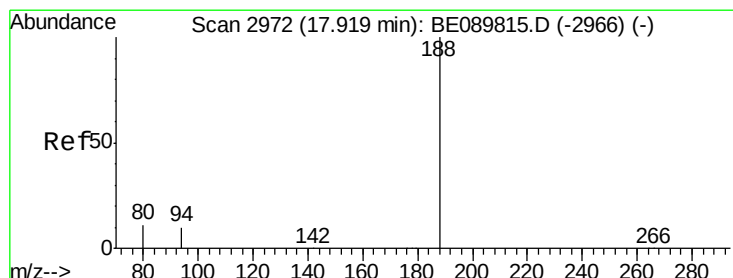
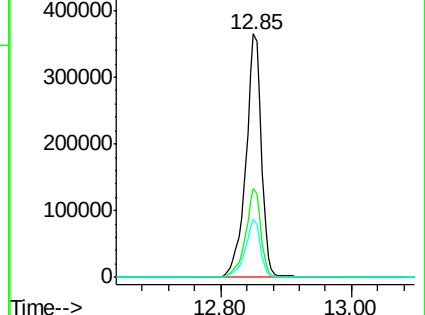
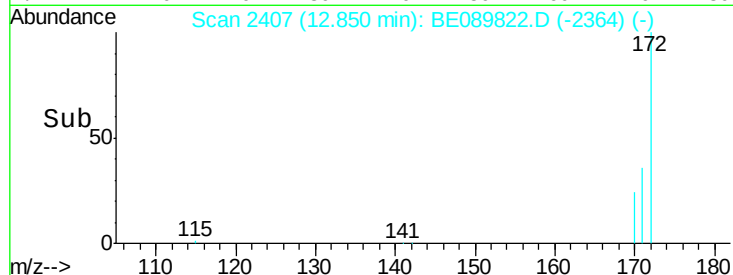
170 23.8 21.0 31.4



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



#13

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.92 min Scan# 2972

Delta R.T. 0.00 min

Lab File: BE089822.D

Acq: 24 Mar 2015 20:14

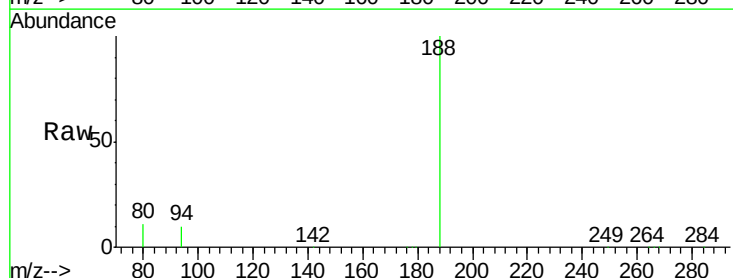
Tgt Ion:188 Resp: 511829

Ion Ratio Lower Upper

188 100

94 9.7 8.5 12.7

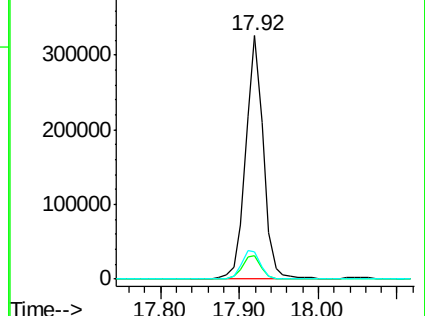
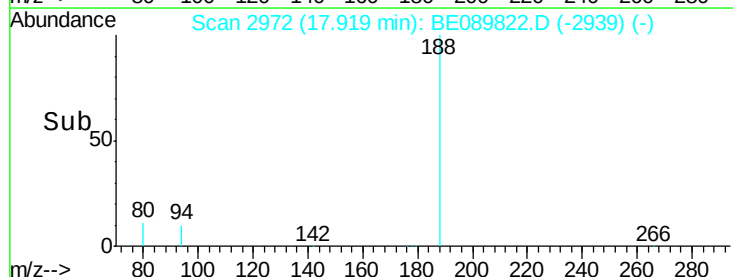
80 11.3 10.0 15.0

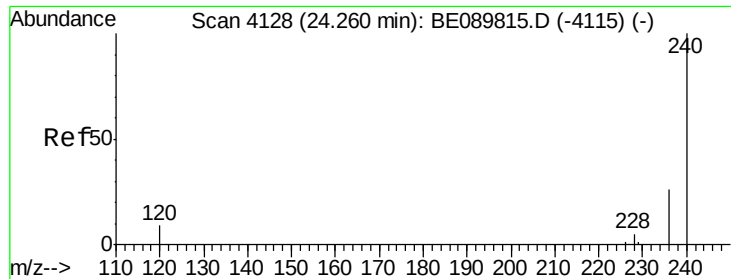


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#19

Chrysene-d12

Concen: 5.00 ng

RT: 24.26 min Scan# 4128

Delta R.T. -0.00 min

Lab File: BE089822.D

Acq: 24 Mar 2015 20:14

Instrument :

BNA_E

ClientSampled :

PB82216BL

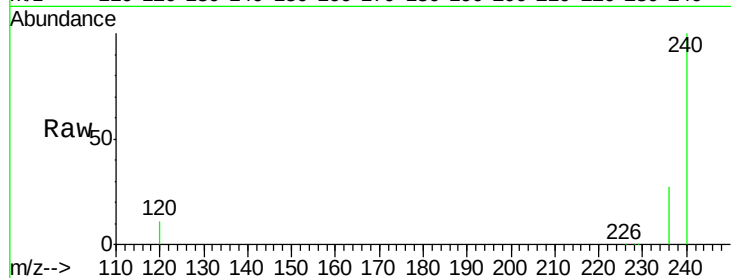
Tgt Ion:240 Resp: 425172

Ion Ratio Lower Upper

240 100

120 10.7 7.5 11.3

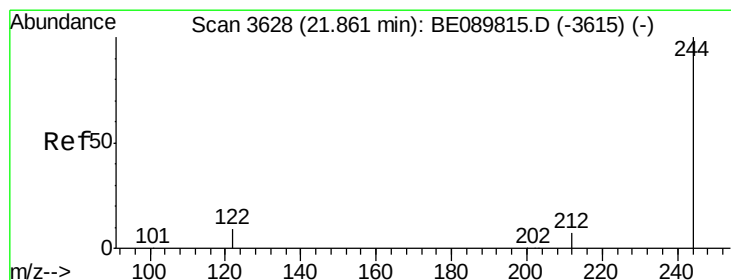
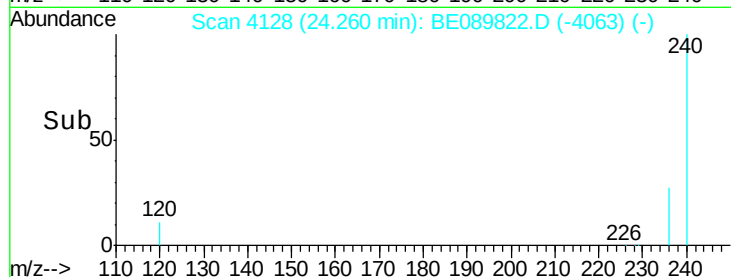
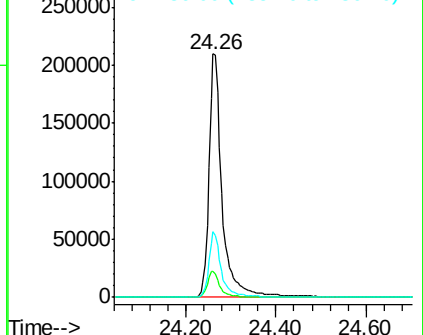
236 26.7 20.5 30.7



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



#21

Terphenyl-d14

Concen: 10.48 ng

RT: 21.86 min Scan# 3628

Delta R.T. 0.00 min

Lab File: BE089822.D

Acq: 24 Mar 2015 20:14

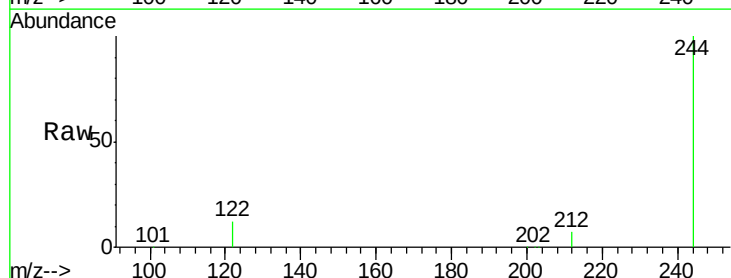
Tgt Ion:244 Resp: 657437

Ion Ratio Lower Upper

244 100

212 7.5 7.3 10.9

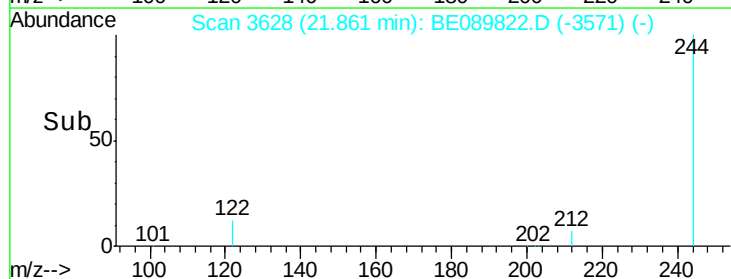
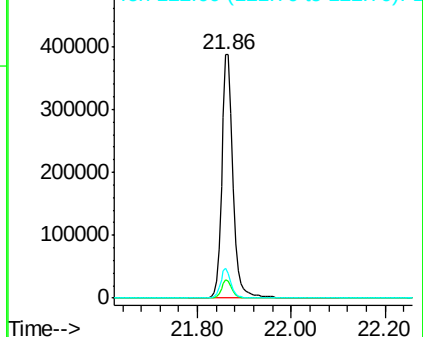
122 12.3 10.5 15.7

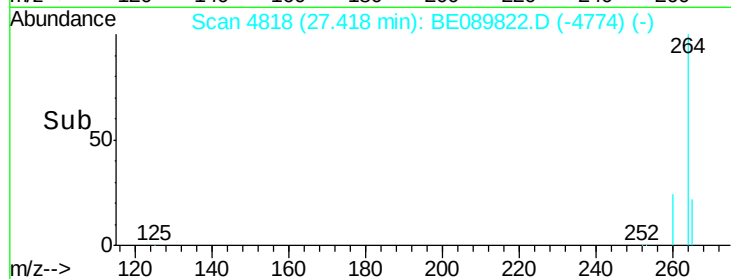
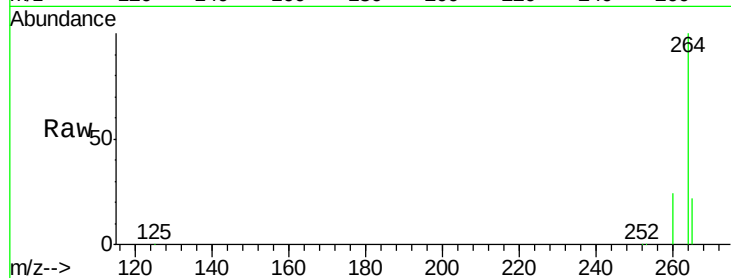
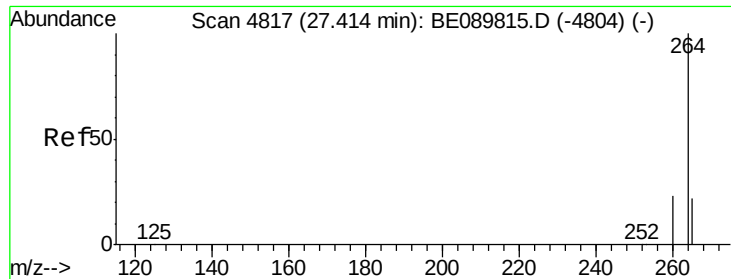


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#25

Perylene-d12

Concen: 5.00 ng

RT: 27.42 min Scan# 4818

Delta R.T. 0.00 min

Lab File: BE089822.D

Acq: 24 Mar 2015 20:14

Instrument :

BNA_E

ClientSampleId :

PB82216BL

Tgt Ion: 264 Resp: 329178

Ion Ratio Lower Upper

264 100

260 23.9 18.2 27.2

265 21.7 17.3 25.9

