

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE020615\
Data File : BE089538.D
Acq On : 6 Feb 2015 22:19
Operator : TP/IZ
Sample : PB81635BL
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB81635BL

Quant Time: Feb 09 09:02:53 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIMPAH-BE020615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Feb 07 04:07:57 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.42	152	34293	5.00	ng	0.00
2) Naphthalene-d8	12.33	136	131734	5.00	ng	0.00
6) Acenaphthene-d10	16.51	164	54811	5.00	ng	0.00
11) Phenanthrene-d10	19.85	188	102169	5.00	ng	0.00
16) Chrysene-d12	23.72	240	112775	5.00	ng	0.00
22) Perylene-d12	25.41	264	120248	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) Nitrobenzene-d5	10.69	82	76379	8.73	ng	0.00
7) 2-Fluorobiphenyl	14.96	172	117653	8.05	ng	0.00
18) Terphenyl-d14	22.36	244	140466	9.44	ng	0.00

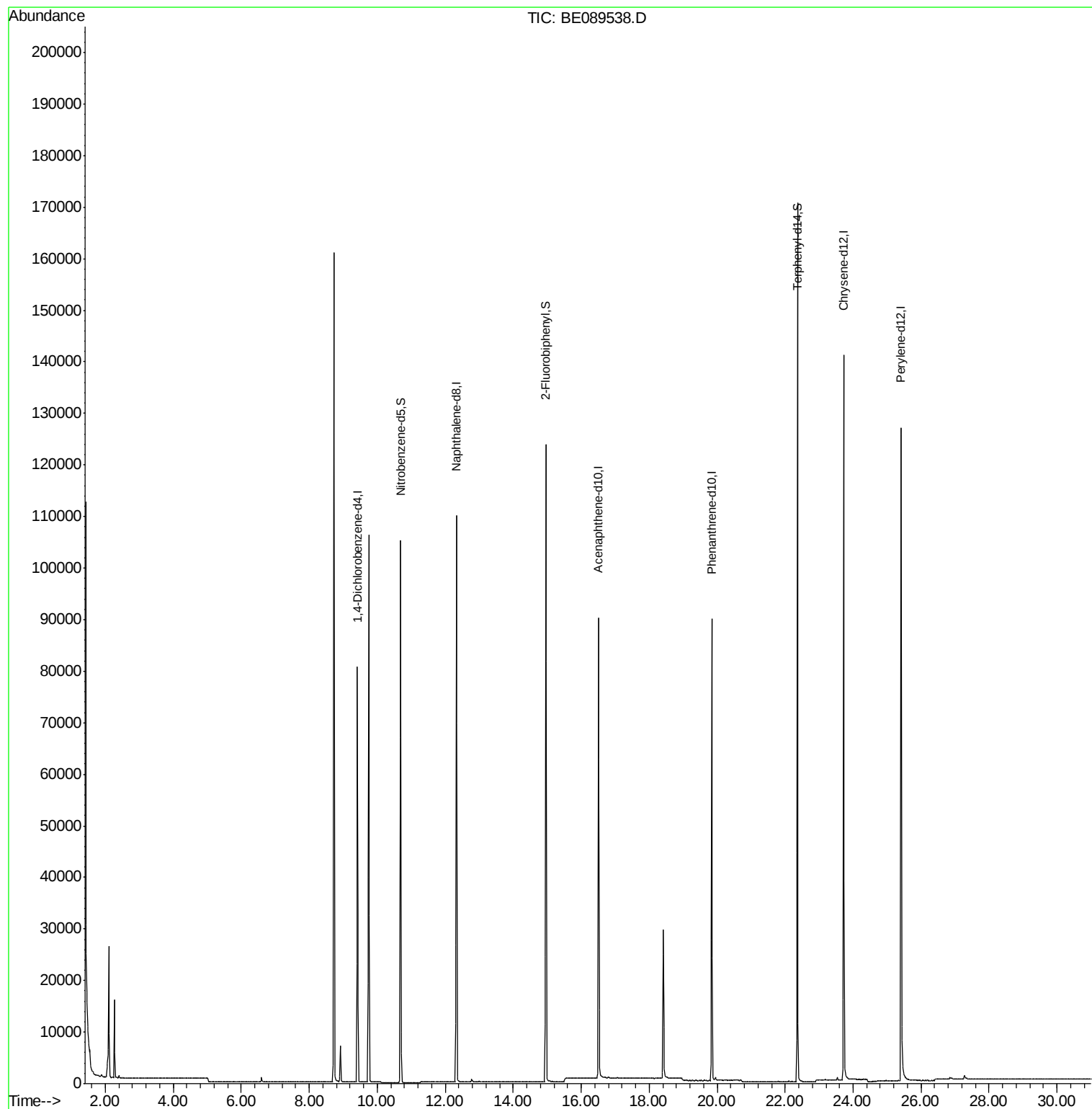
Target Compounds	Qvalue
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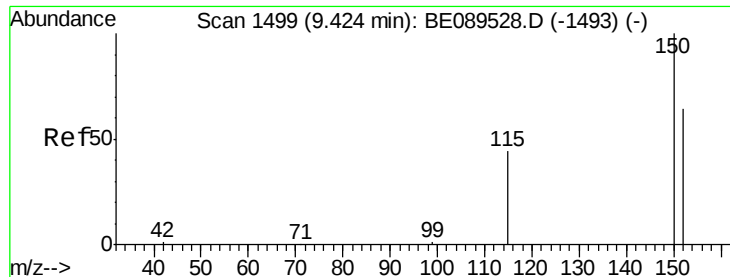
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 9.42 min Scan# 1498

Delta R.T. -0.00 min

Lab File: BE089538.D

Acq: 6 Feb 2015 22:19

Instrument :

BNA_E

ClientSampled :

PB81635BL

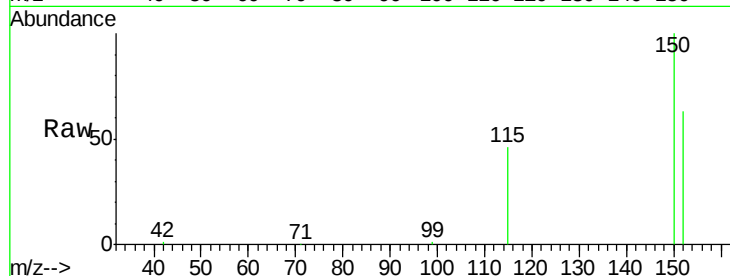
Tgt Ion:152 Resp: 34293

Ion Ratio Lower Upper

152 100

150 158.3 125.7 188.5

115 72.6 55.6 83.4

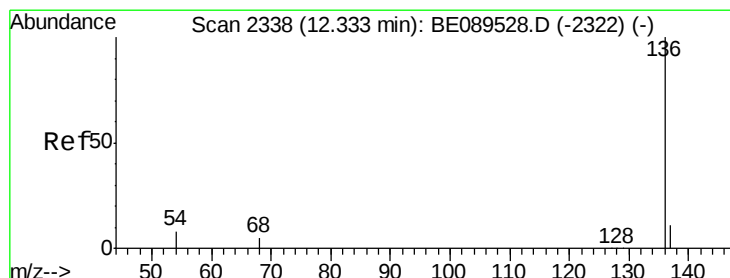
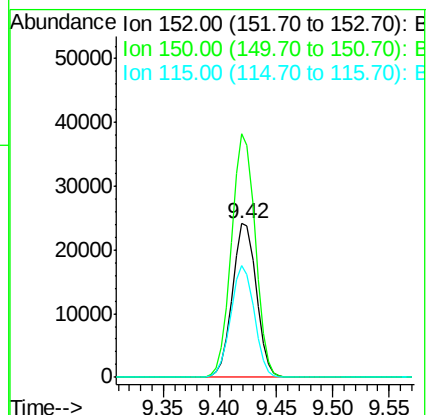
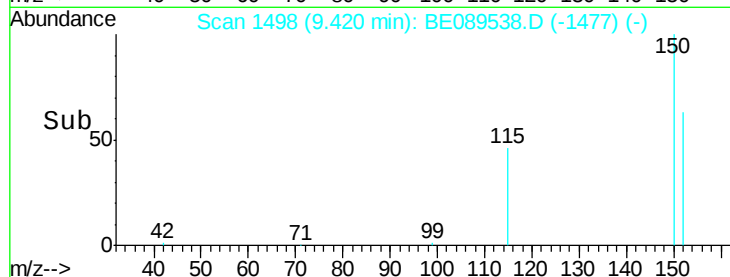


Abundance

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



#2

Naphthalene-d8

Concen: 5.00 ng

RT: 12.33 min Scan# 2337

Delta R.T. -0.01 min

Lab File: BE089538.D

Acq: 6 Feb 2015 22:19

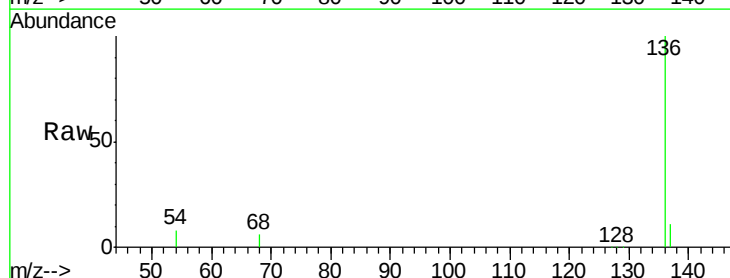
Tgt Ion:136 Resp: 131734

Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 8.3 6.1 9.1

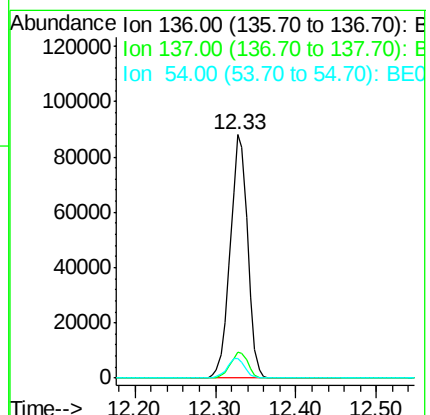
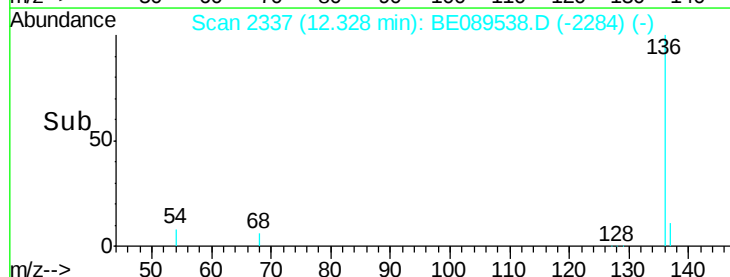


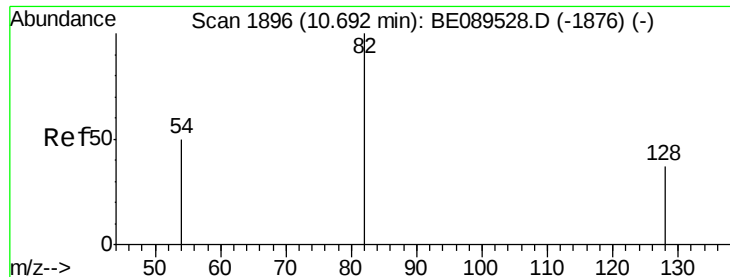
Abundance

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





#3

Nitrobenzene-d5

Concen: 8.73 ng

RT: 10.69 min Scan# 1895

Delta R.T. -0.00 min

Lab File: BE089538.D

Acq: 6 Feb 2015 22:19

Instrument :

BNA_E

ClientSampleId :

PB81635BL

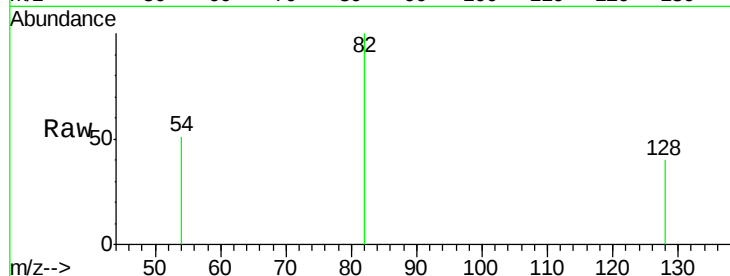
Tgt Ion: 82 Resp: 76379

Ion Ratio Lower Upper

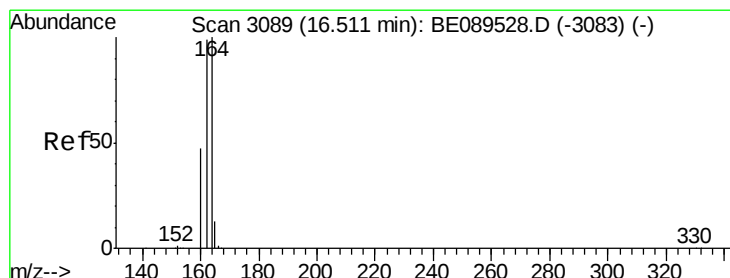
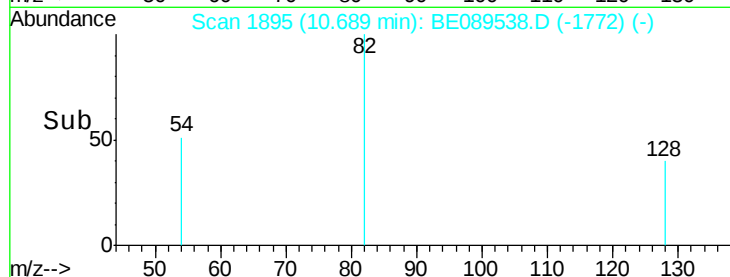
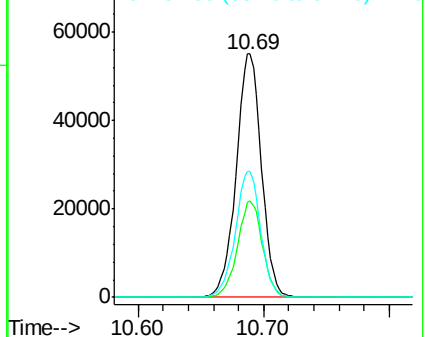
82 100

128 39.7 30.2 45.4

54 51.4 40.6 60.8



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



#6

Acenaphthene-d10

Concen: 5.00 ng

RT: 16.51 min Scan# 3089

Delta R.T. -0.00 min

Lab File: BE089538.D

Acq: 6 Feb 2015 22:19

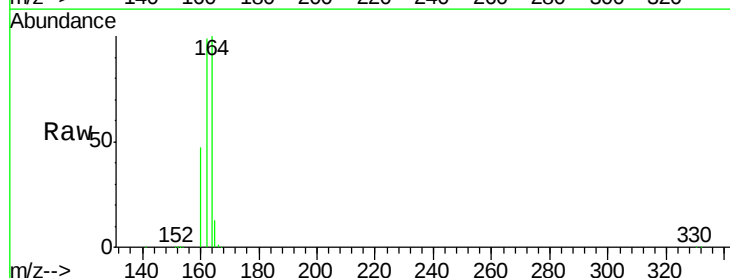
Tgt Ion: 164 Resp: 54811

Ion Ratio Lower Upper

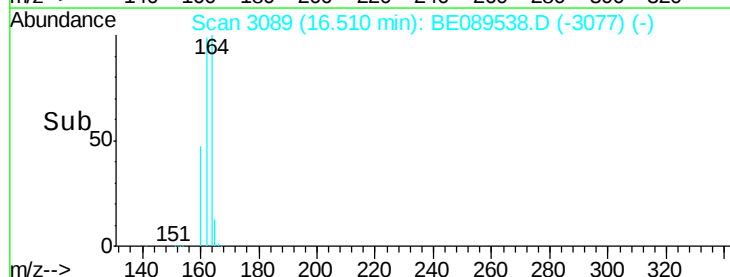
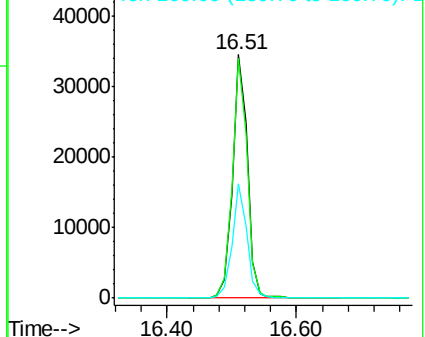
164 100

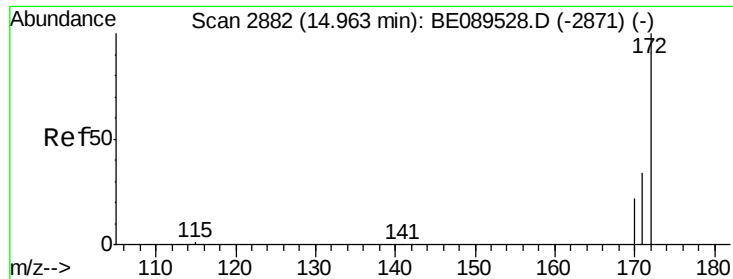
162 98.6 79.5 119.3

160 46.8 37.6 56.4



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





#7

2-Fluorobiphenyl

Concen: 8.05 ng

RT: 14.96 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BE089538.D

Acq: 6 Feb 2015 22:19

Instrument :

BNA_E

ClientSampleId :

PB81635BL

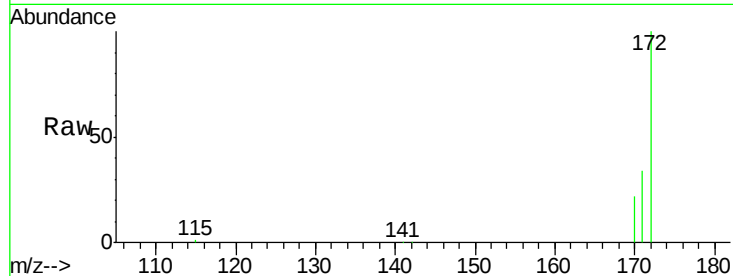
Tgt Ion:172 Resp: 117653

Ion Ratio Lower Upper

172 100

171 34.0 27.7 41.5

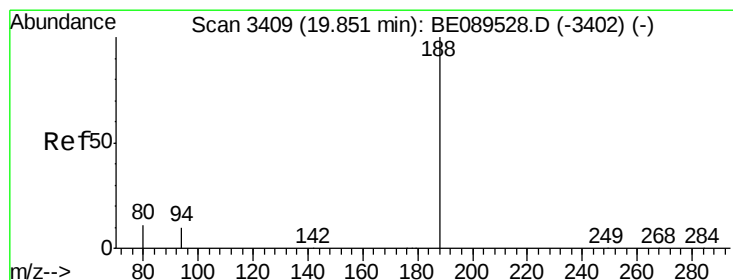
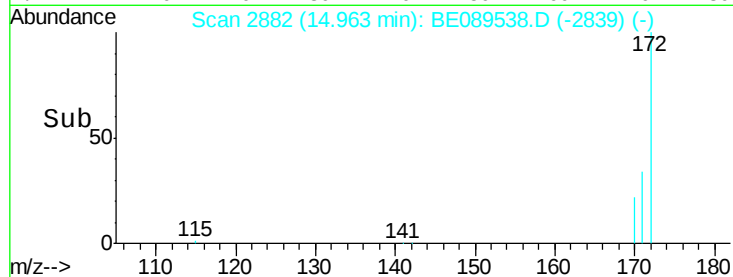
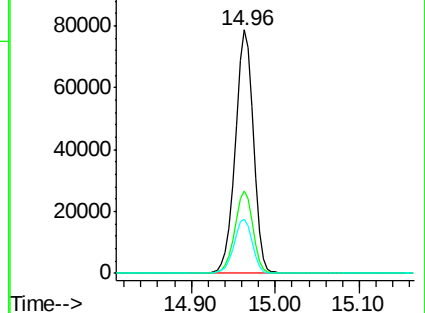
170 22.5 18.3 27.5



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



#11

Phenanthrene-d10

Concen: 5.00 ng

RT: 19.85 min Scan# 3409

Delta R.T. 0.00 min

Lab File: BE089538.D

Acq: 6 Feb 2015 22:19

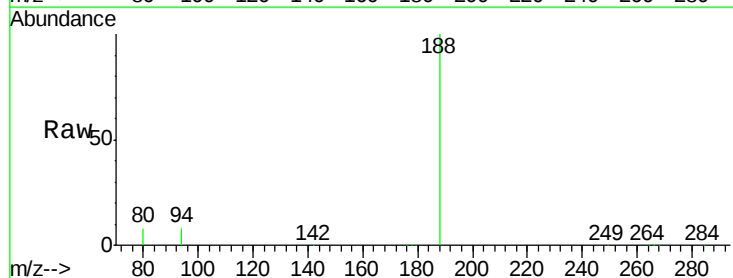
Tgt Ion:188 Resp: 102169

Ion Ratio Lower Upper

188 100

94 8.1 8.4 12.6#

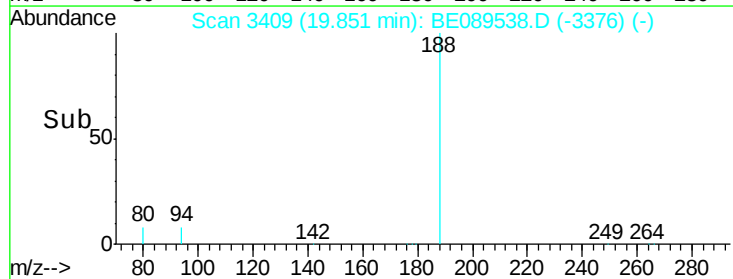
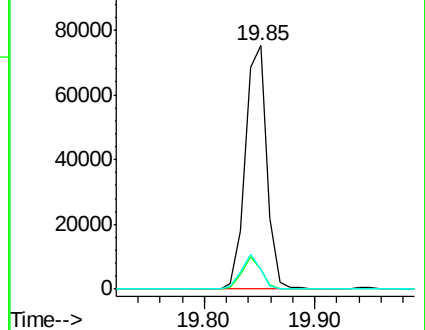
80 8.3 8.6 12.8#

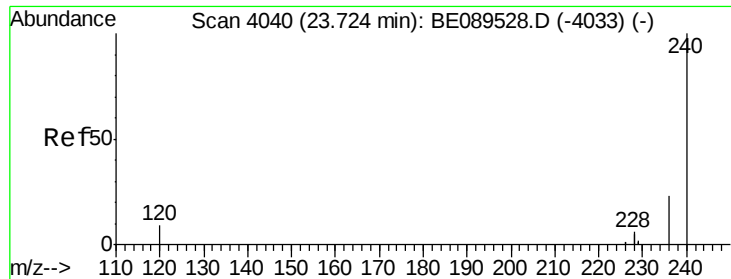


Abundance Ion 188.00 (187.70 to 188.70): E

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: 23.72 min Scan# 4039

Delta R.T. -0.01 min

Lab File: BE089538.D

Acq: 6 Feb 2015 22:19

Instrument :

BNA_E

ClientSampleId :

PB81635BL

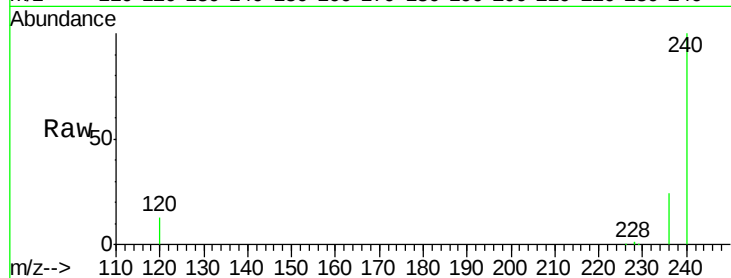
Tgt Ion:240 Resp: 112775

Ion Ratio Lower Upper

240 100

120 12.5 7.2 10.8#

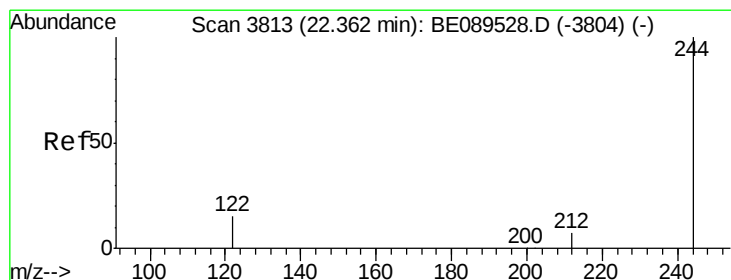
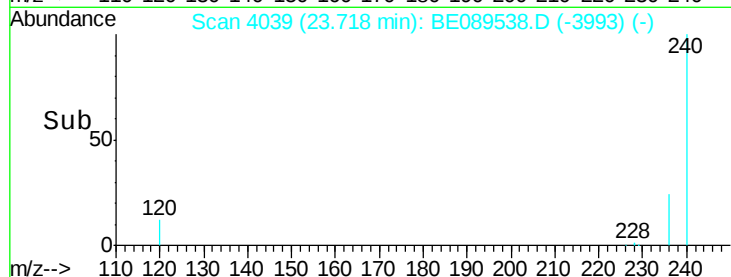
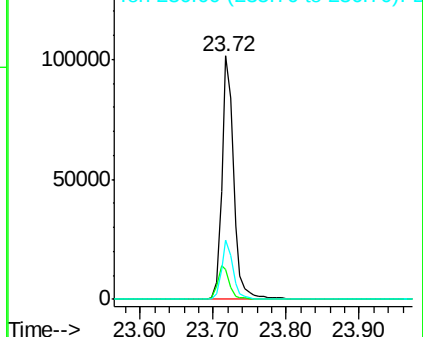
236 24.3 18.5 27.7



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



#18

Terphenyl-d14

Concen: 9.44 ng

RT: 22.36 min Scan# 3813

Delta R.T. 0.00 min

Lab File: BE089538.D

Acq: 6 Feb 2015 22:19

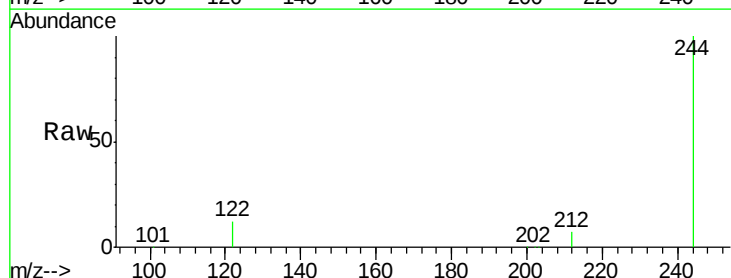
Tgt Ion:244 Resp: 140466

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

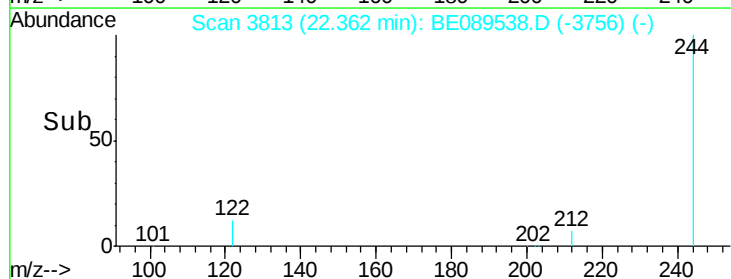
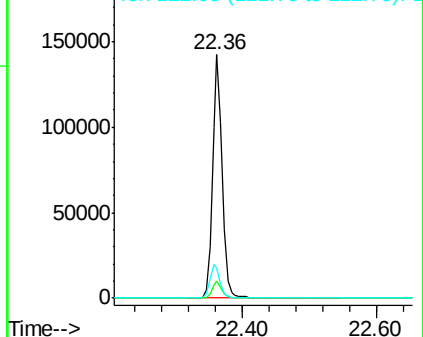
122 12.3 12.6 19.0#

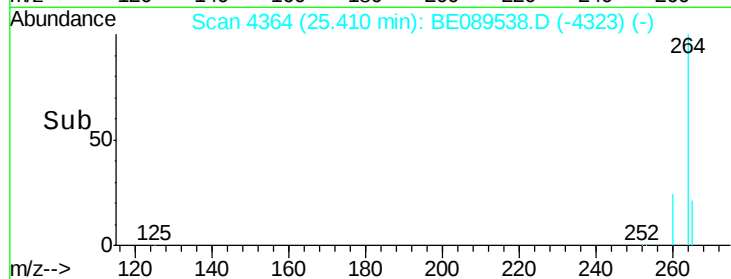
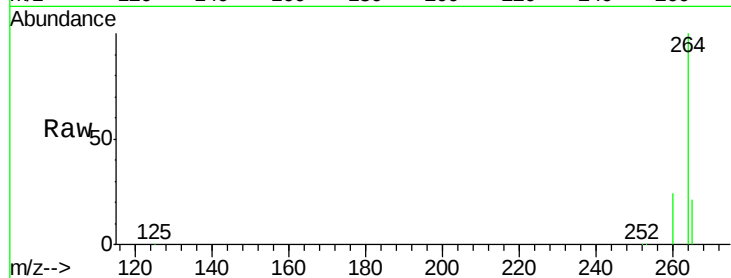
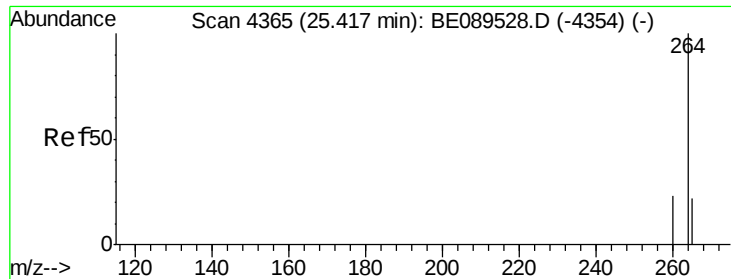


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.41 min Scan# 4364

Delta R.T. -0.01 min

Lab File: BE089538.D

Acq: 6 Feb 2015 22:19

Instrument :

BNA_E

ClientSampleId :

PB81635BL

Tgt Ion: 264 Resp: 120248

Ion Ratio Lower Upper

264 100

260 24.4 18.7 28.1

265 20.9 17.5 26.3

