

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE021815\
 Data File : BE089628.D
 Acq On : 18 Feb 2015 22:09
 Operator : TP/IZ
 Sample : MDL-BLK-S
 Misc : MDL-WATER-BLK
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MDL-BLK-S

Quant Time: Feb 19 05:07:55 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIMPAH-BE021815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 18 13:01:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.34	152	36647	5.00	ng	0.00
4) Naphthalene-d8	12.24	136	145478	5.00	ng	0.00
8) Acenaphthene-d10	16.42	164	70969	5.00	ng	0.00
13) Phenanthrene-d10	19.77	188	139926	5.00	ng	0.00
19) Chrysene-d12	23.66	240	125208	5.00	ng	0.00
25) Perylene-d12	25.34	264	105059	5.00	ng	0.00
System Monitoring Compounds						
5) Nitrobenzene-d5	10.61	82	65037	10.28	ng	0.00
9) 2-Fluorobiphenyl	14.88	172	170436	8.97	ng	0.00
21) Terphenyl-d14	22.30	244	196475	10.91	ng	0.00

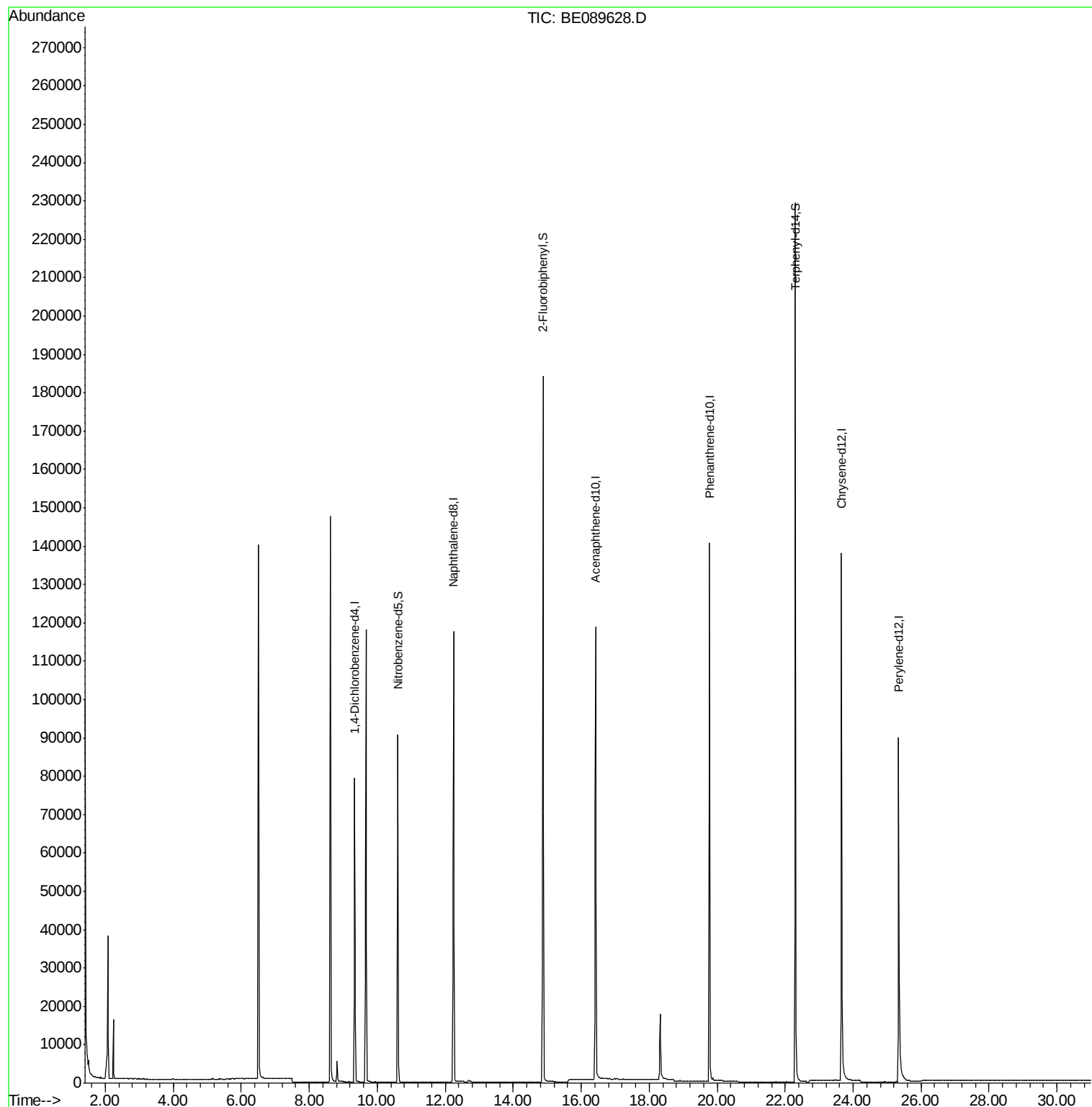
Target Compounds	Qvalue

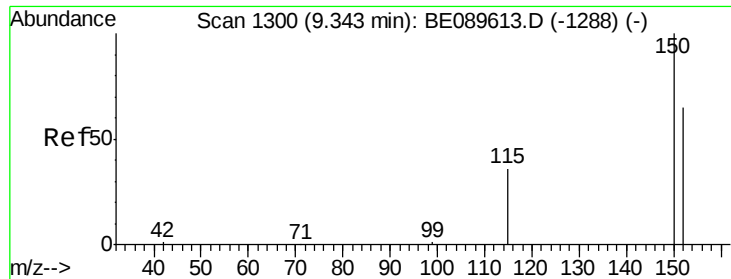
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 9.34 min Scan# 1300

Delta R.T. -0.00 min

Lab File: BE089628.D

Acq: 18 Feb 2015 22:09

Instrument :

BNA_E

ClientSampled :

MDL-BLK-S

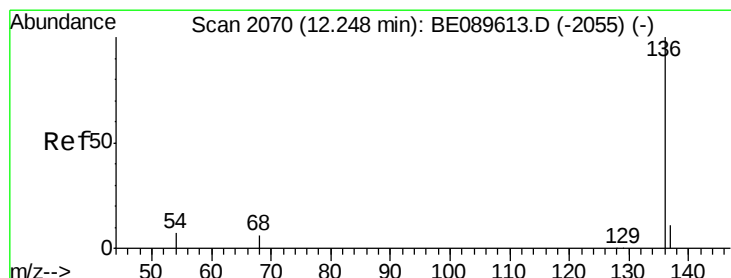
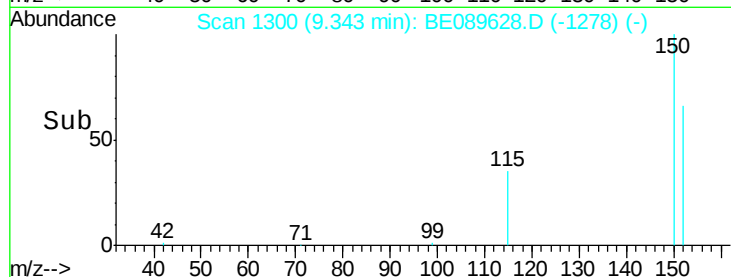
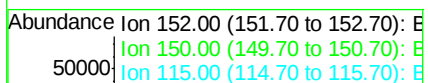
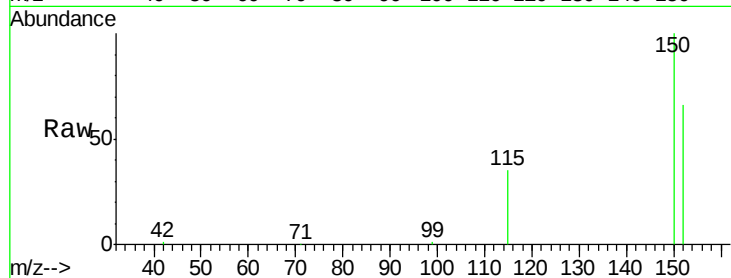
Tgt Ion:152 Resp: 36647

Ion Ratio Lower Upper

152 100

150 152.1 122.4 183.6

115 53.5 44.2 66.2



#4

Naphthalene-d8

Concen: 5.00 ng

RT: 12.24 min Scan# 2069

Delta R.T. -0.01 min

Lab File: BE089628.D

Acq: 18 Feb 2015 22:09

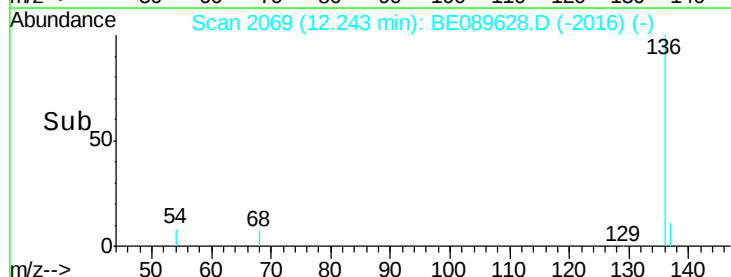
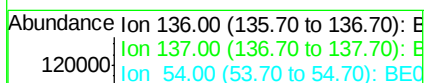
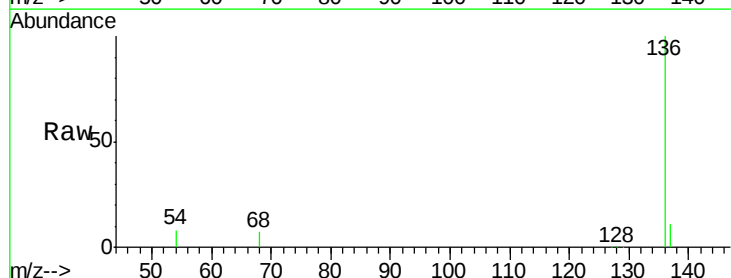
Tgt Ion:136 Resp: 145478

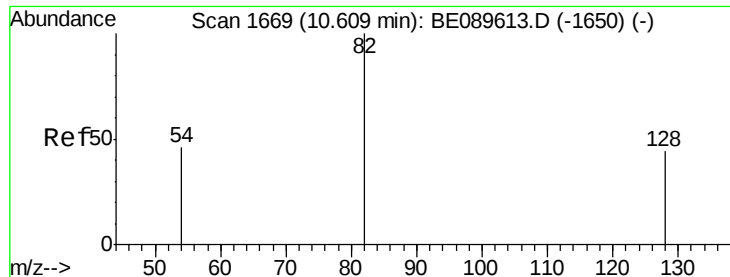
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.8 5.3 7.9





#5

Nitrobenzene-d5

Concen: 10.28 ng

RT: 10.61 min Scan# 1668

Delta R.T. -0.00 min

Lab File: BE089628.D

Acq: 18 Feb 2015 22:09

Instrument :

BNA_E

ClientSampleId :

MDL-BLK-S

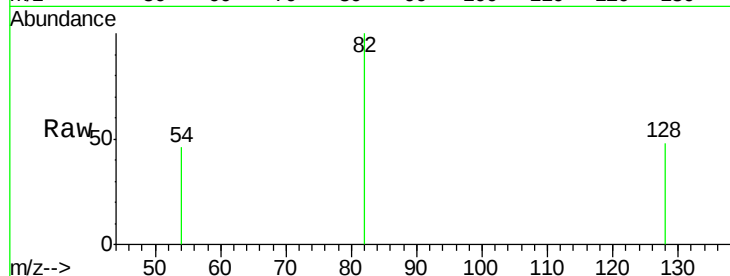
Tgt Ion: 82 Resp: 65037

Ion Ratio Lower Upper

82 100

128 47.8 35.5 53.3

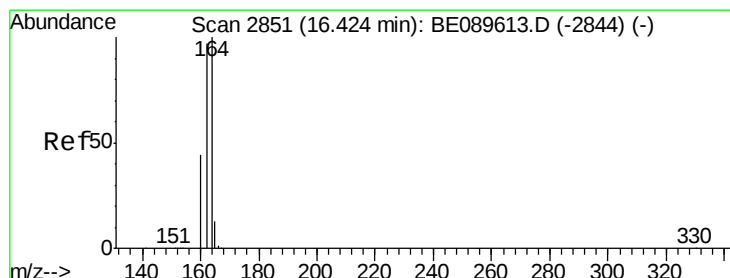
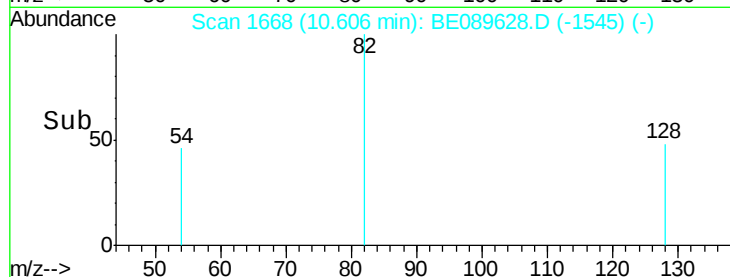
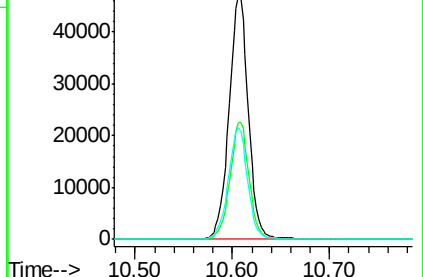
54 45.9 37.5 56.3



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: 16.42 min Scan# 2851

Delta R.T. 0.00 min

Lab File: BE089628.D

Acq: 18 Feb 2015 22:09

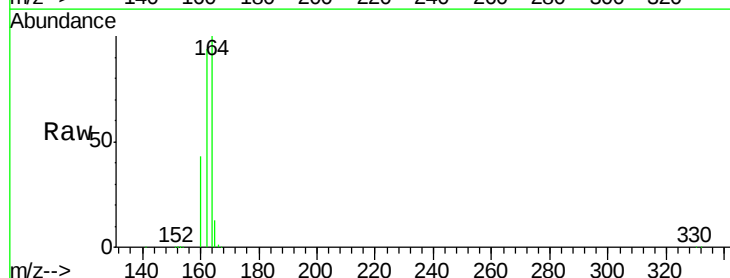
Tgt Ion: 164 Resp: 70969

Ion Ratio Lower Upper

164 100

162 94.1 77.5 116.3

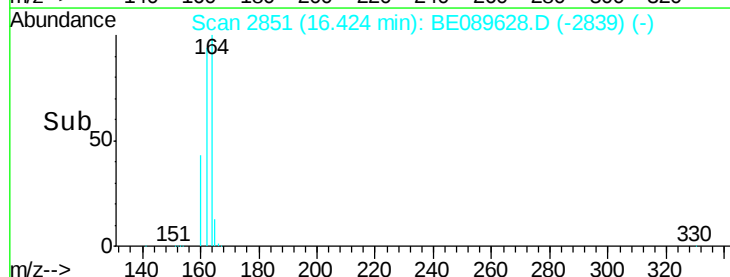
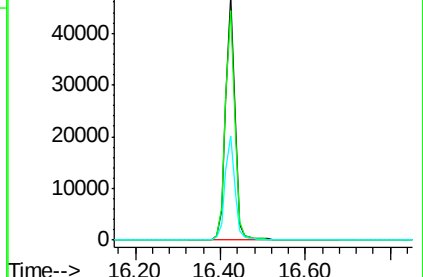
160 42.7 35.5 53.3

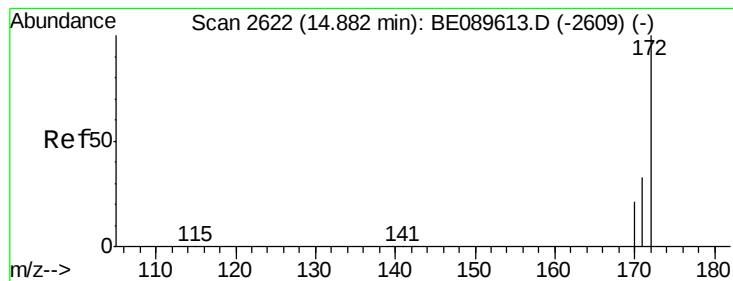


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#9

2-Fluorobiphenyl

Concen: 8.97 ng

RT: 14.88 min Scan# 2621

Delta R.T. -0.00 min

Lab File: BE089628.D

Acq: 18 Feb 2015 22:09

Instrument :

BNA_E

ClientSampleId :

MDL-BLK-S

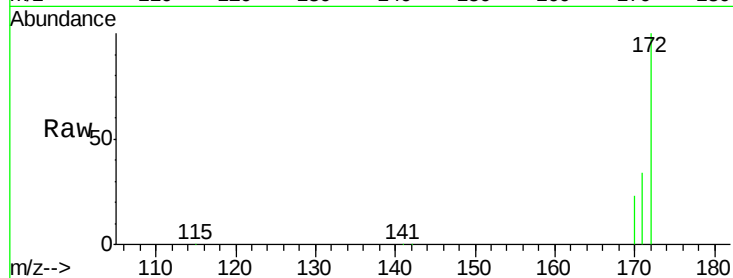
Tgt Ion:172 Resp: 170436

Ion Ratio Lower Upper

172 100

171 34.5 26.9 40.3

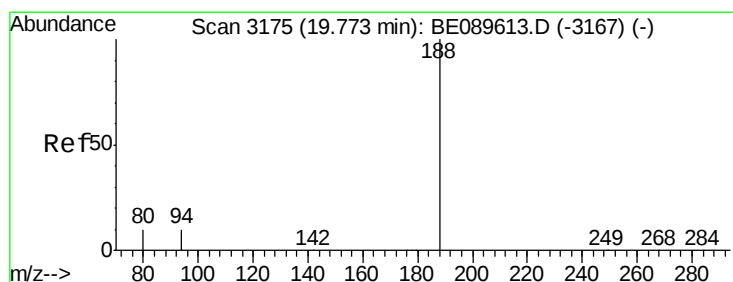
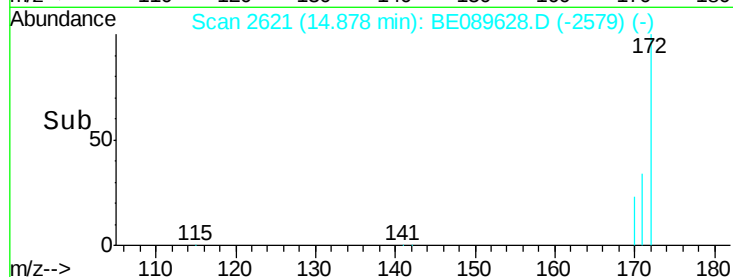
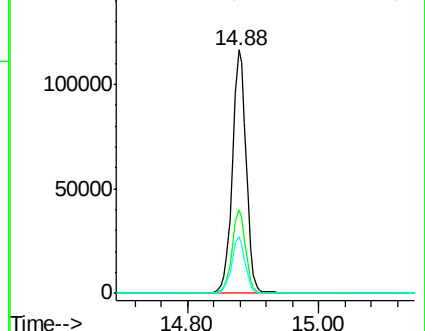
170 23.1 17.4 26.0



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



#13

Phenanthrene-d10

Concen: 5.00 ng

RT: 19.77 min Scan# 3175

Delta R.T. -0.00 min

Lab File: BE089628.D

Acq: 18 Feb 2015 22:09

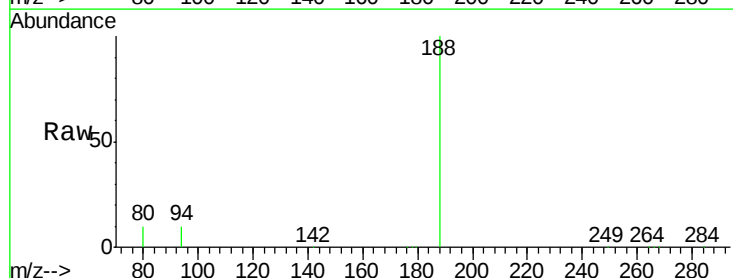
Tgt Ion:188 Resp: 139926

Ion Ratio Lower Upper

188 100

94 9.7 8.2 12.4

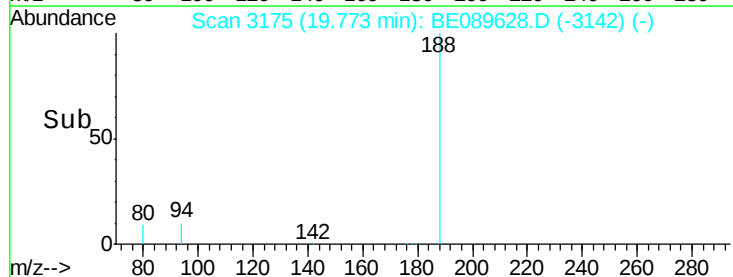
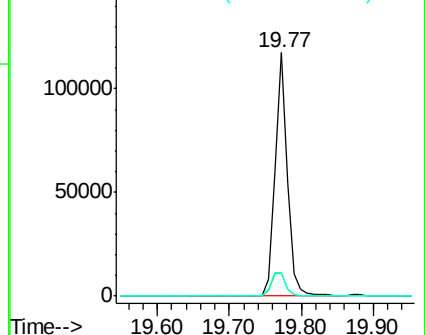
80 9.5 8.1 12.1

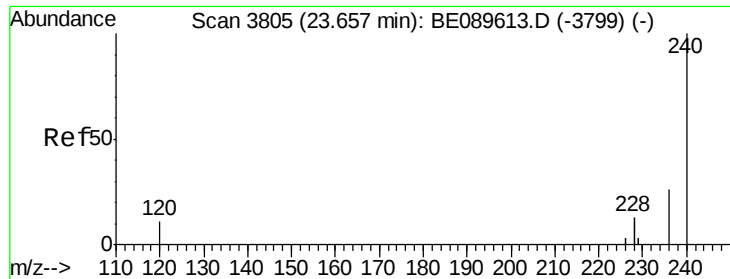


Abundance Ion 188.00 (187.70 to 188.70): E

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: 23.66 min Scan# 3806

Delta R.T. -0.00 min

Lab File: BE089628.D

Acq: 18 Feb 2015 22:09

Instrument :

BNA_E

ClientSampleId :

MDL-BLK-S

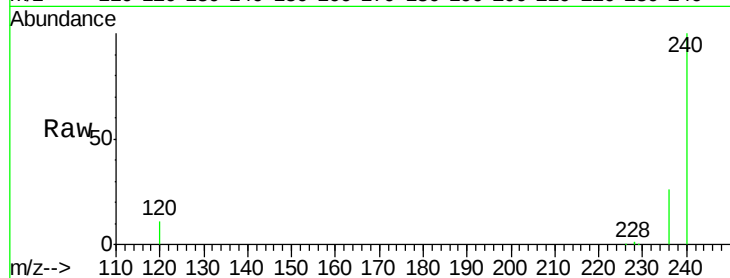
Tgt Ion:240 Resp: 125208

Ion Ratio Lower Upper

240 100

120 10.9 9.0 13.4

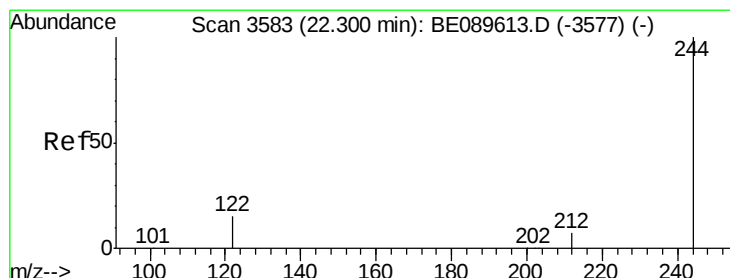
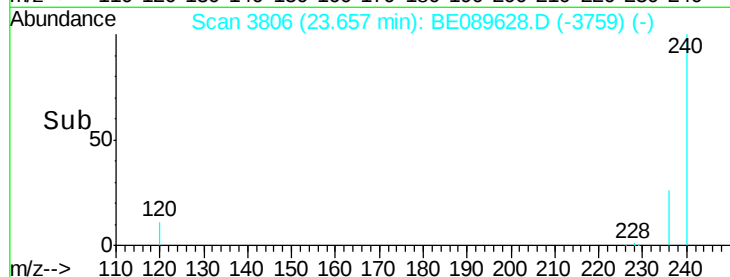
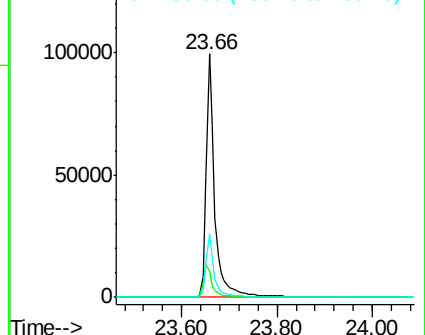
236 25.9 21.0 31.6



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



#21

Terphenyl-d14

Concen: 10.91 ng

RT: 22.30 min Scan# 3584

Delta R.T. 0.00 min

Lab File: BE089628.D

Acq: 18 Feb 2015 22:09

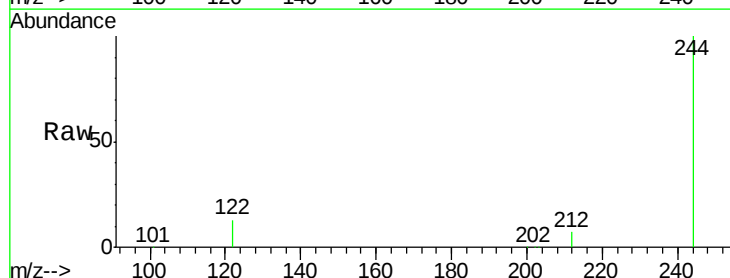
Tgt Ion:244 Resp: 196475

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

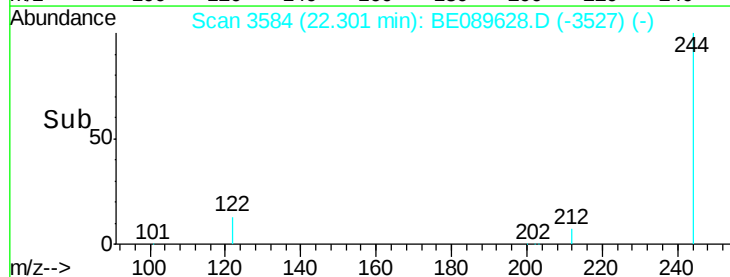
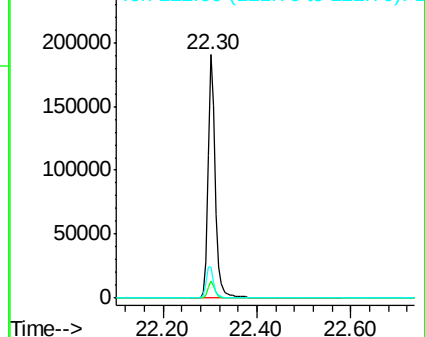
122 12.9 11.8 17.8

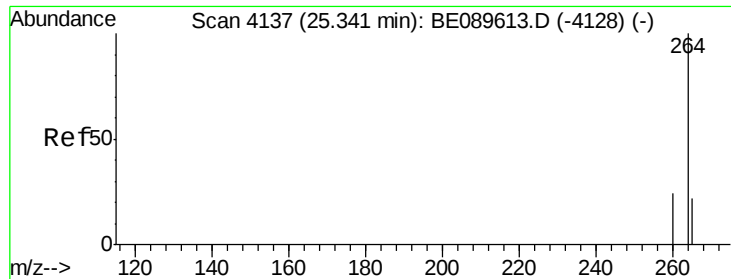


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

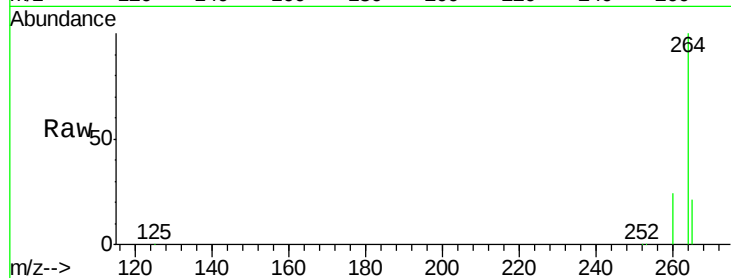




#25
Perylene-d12
Concen: 5.00 ng
RT: 25.34 min Scan# 4138
Delta R.T. 0.00 min
Lab File: BE089628.D
Acq: 18 Feb 2015 22:09

Instrument :
BNA_E
ClientSampleId :
MDL-BLK-S

Tgt Ion: 264 Resp: 105059
Ion Ratio Lower Upper
264 100
260 24.1 19.0 28.6
265 21.3 17.4 26.0



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

