

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE030316\
Data File : BE091439.D
Acq On : 4 Mar 2016 1:15
Operator : UM/IZ
Sample : MDL-BLK-S
Misc : 0.008PPM
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
MDL-BLK-S

Quant Time: Mar 04 08:07:52 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-BE030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 04 06:35:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	33846	5.00	ng	-0.02
4) Naphthalene-d8	9.53	136	137852	5.00	ng	0.00
8) Acenaphthene-d10	13.34	164	89731	5.00	ng	0.00
13) Phenanthrene-d10	16.10	188	191321	5.00	ng	0.00
19) Chrysene-d12	20.21	240	247846	5.00	ng	0.00
25) Perylene-d12	22.09	264	293376	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) Nitrobenzene-d5	8.16	82	32172	3.78	ng	-0.02
9) 2-Fluorobiphenyl	12.00	172	95259	4.37	ng	0.00
21) Terphenyl-d14	18.59	244	162864	4.32	ng	-0.02

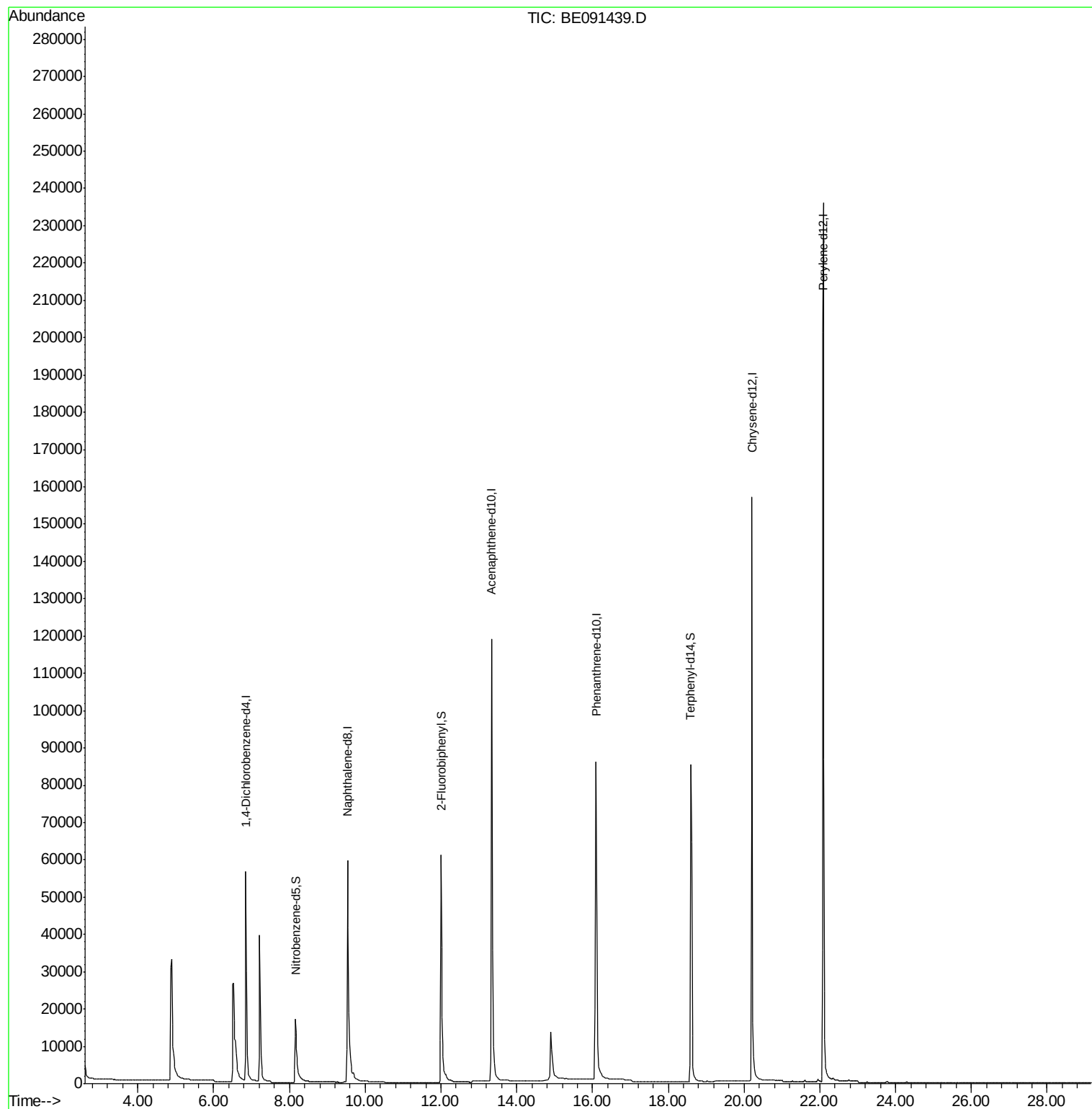
Target Compounds	Qvalue
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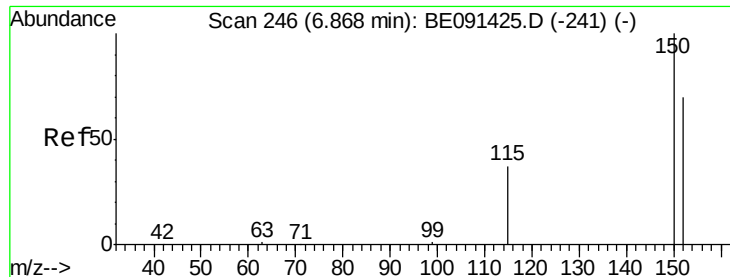
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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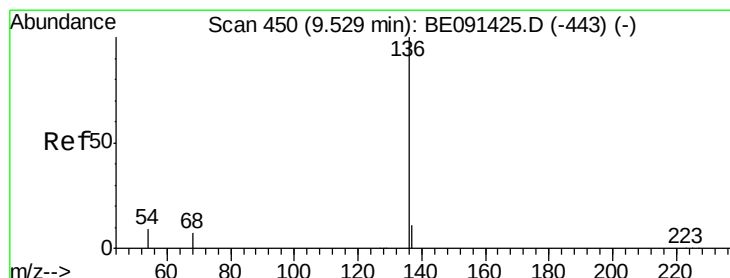
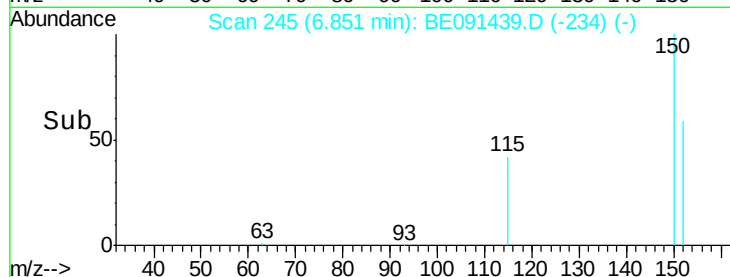
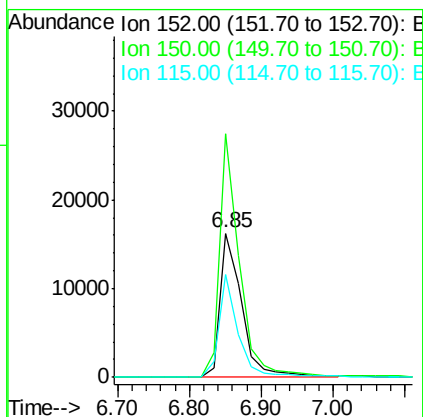
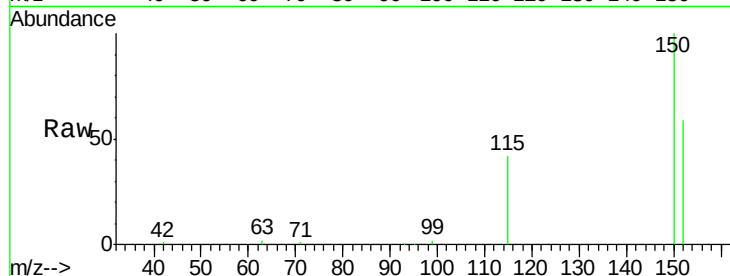




#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 6.85 min Scan# 245
 Delta R.T. -0.02 min
 Lab File: BE091439.D
 Acq: 4 Mar 2016 1:15

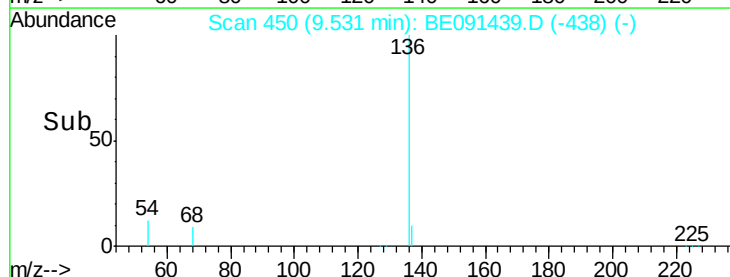
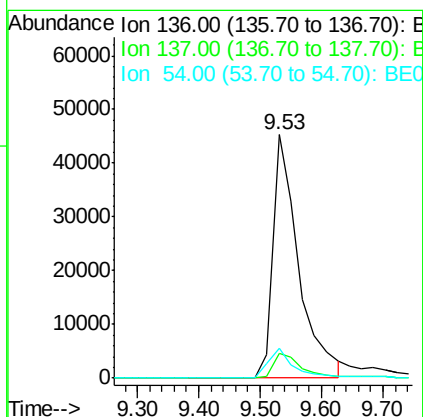
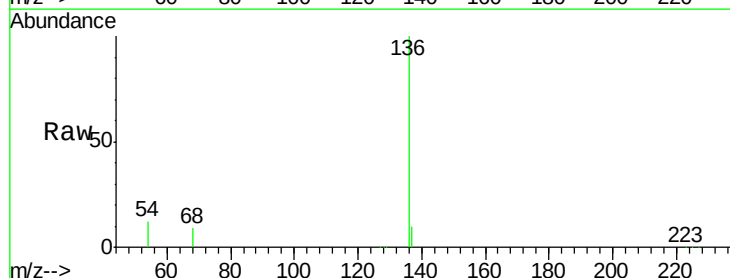
Instrument :
 BNA_E
 ClientSampleId :
 MDL-BLK-S

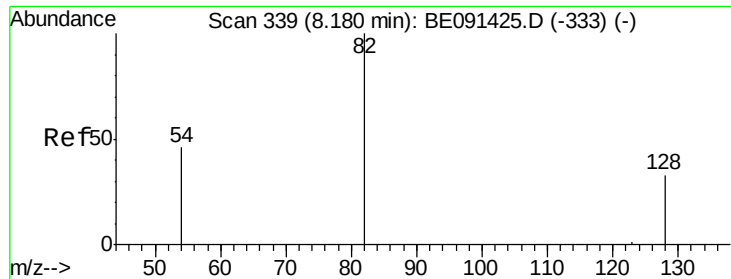
Tgt Ion:152 Resp: 33846
 Ion Ratio Lower Upper
 152 100
 150 168.8 115.0 172.4
 115 71.4 42.2 63.4#



#4
 Naphthalene-d8
 Concen: 5.00 ng
 RT: 9.53 min Scan# 450
 Delta R.T. 0.00 min
 Lab File: BE091439.D
 Acq: 4 Mar 2016 1:15

Tgt Ion:136 Resp: 137852
 Ion Ratio Lower Upper
 136 100
 137 10.4 8.7 13.1
 54 12.1 6.9 10.3#

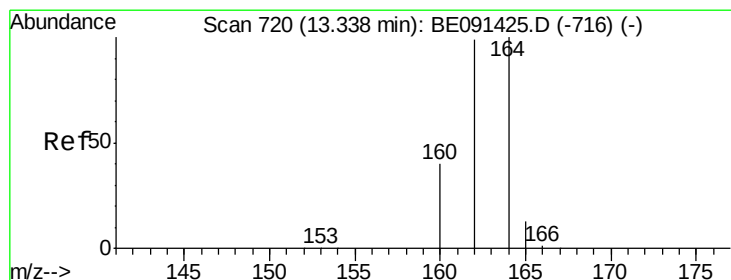
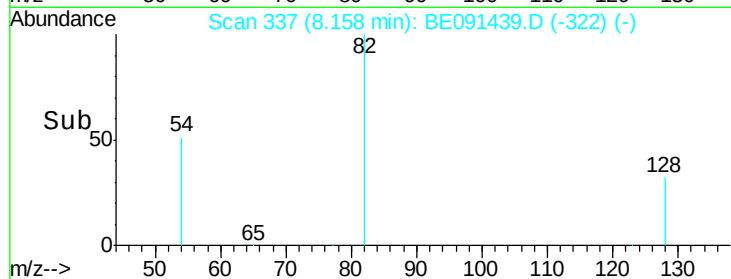
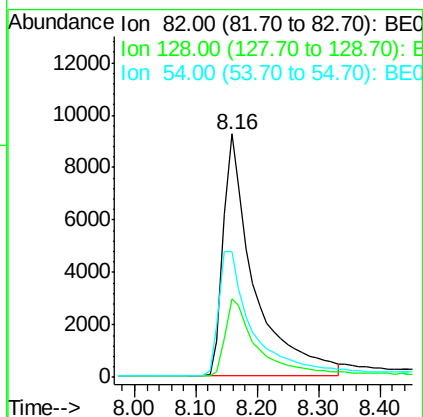
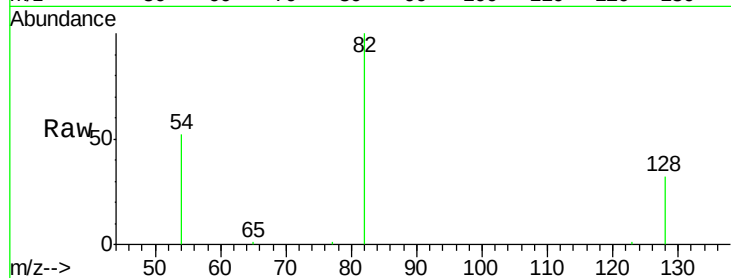




#5
 Nitrobenzene-d5
 Concen: 3.78 ng
 RT: 8.16 min Scan# 337
 Delta R.T. -0.02 min
 Lab File: BE091439.D
 Acq: 4 Mar 2016 1:15

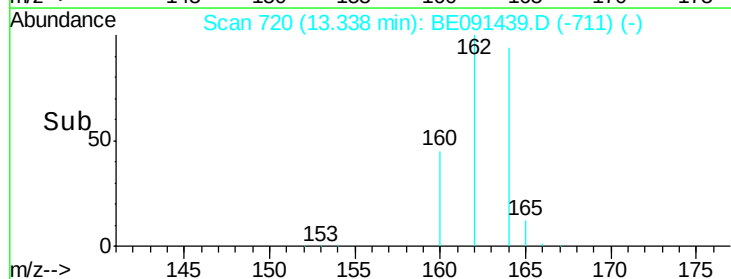
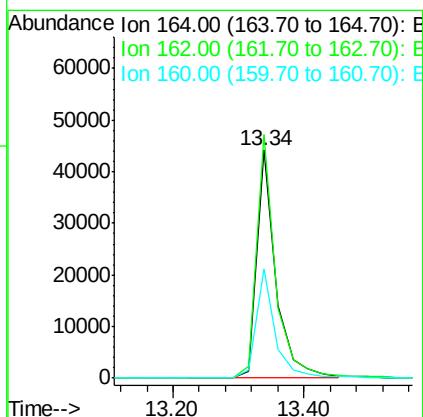
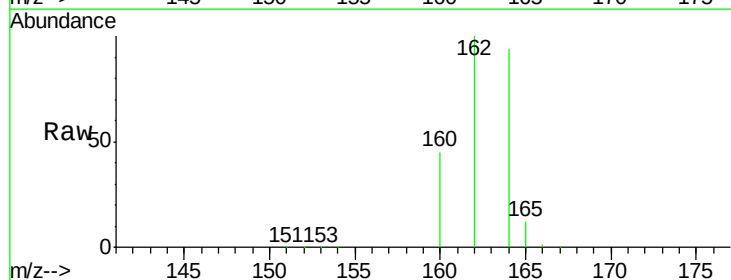
Instrument :
 BNA_E
 ClientSampleId :
 MDL-BLK-S

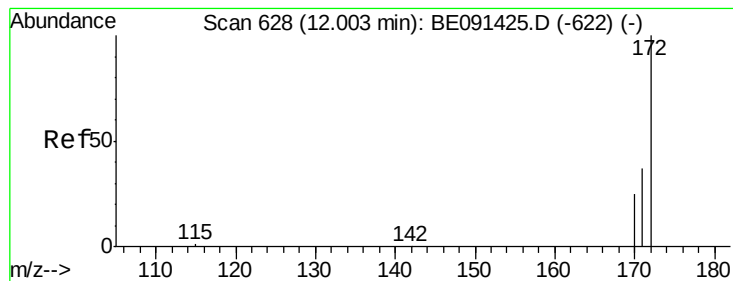
Tgt Ion: 82 Resp: 32172
 Ion Ratio Lower Upper
 82 100
 128 32.1 30.0 45.0
 54 51.6 41.5 62.3



#8
 Acenaphthene-d10
 Concen: 5.00 ng
 RT: 13.34 min Scan# 720
 Delta R.T. -0.00 min
 Lab File: BE091439.D
 Acq: 4 Mar 2016 1:15

Tgt Ion: 164 Resp: 89731
 Ion Ratio Lower Upper
 164 100
 162 106.9 79.1 118.7
 160 47.8 32.4 48.6





#9

2-Fluorobiphenyl

Concen: 4.37 ng

RT: 12.00 min Scan# 628

Delta R.T. -0.00 min

Lab File: BE091439.D

Acq: 4 Mar 2016 1:15

Instrument :

BNA_E

ClientSampleId :

MDL-BLK-S

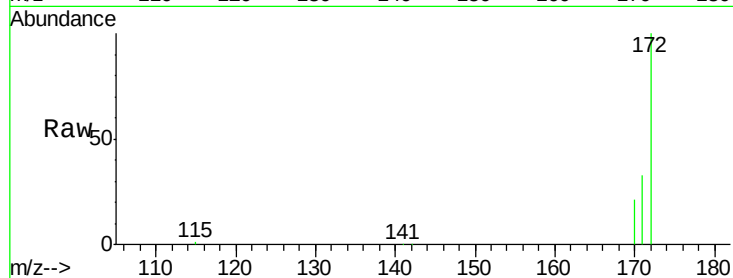
Tgt Ion:172 Resp: 95259

Ion Ratio Lower Upper

172 100

171 33.0 30.2 45.4

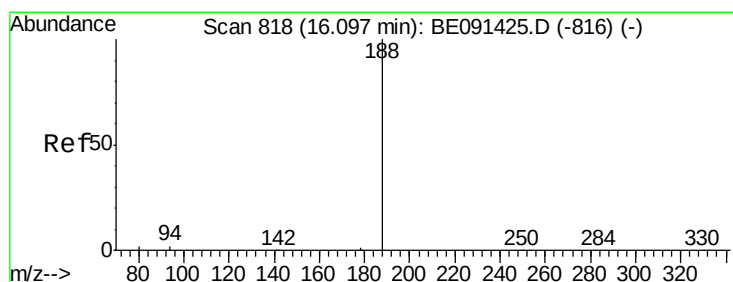
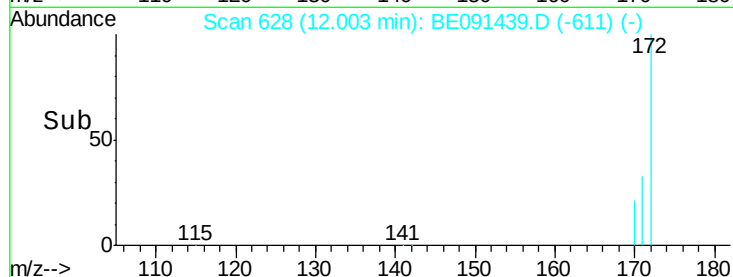
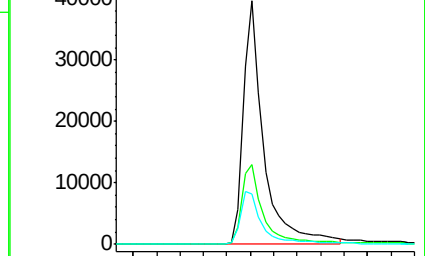
170 20.9 20.9 31.3



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: 16.10 min Scan# 818

Delta R.T. 0.00 min

Lab File: BE091439.D

Acq: 4 Mar 2016 1:15

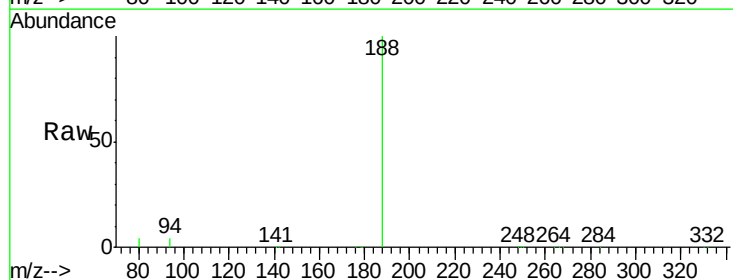
Tgt Ion:188 Resp: 191321

Ion Ratio Lower Upper

188 100

94 3.7 2.1 3.1#

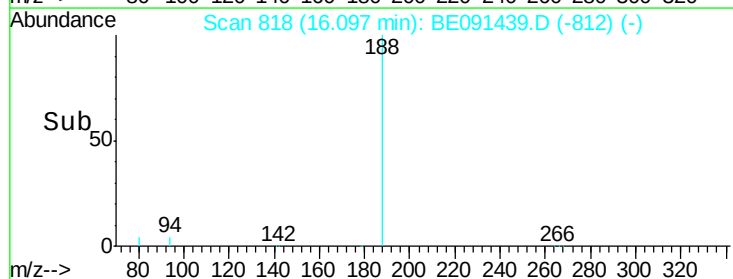
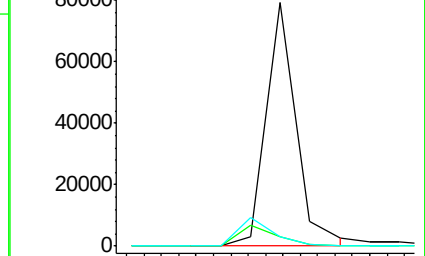
80 3.7 1.9 2.9#

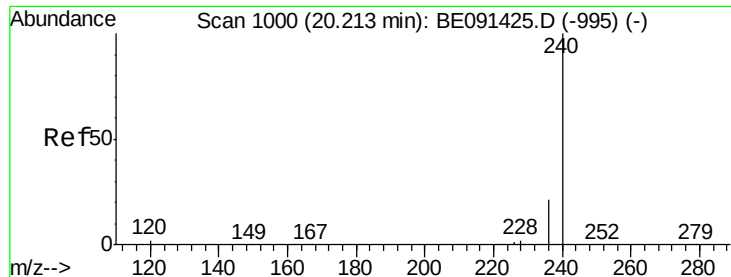


Abundance Ion 188.00 (187.70 to 188.70): E

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: 20.21 min Scan# 1000

Delta R.T. -0.00 min

Lab File: BE091439.D

Acq: 4 Mar 2016 1:15

Instrument :

BNA_E

ClientSampleId :

MDL-BLK-S

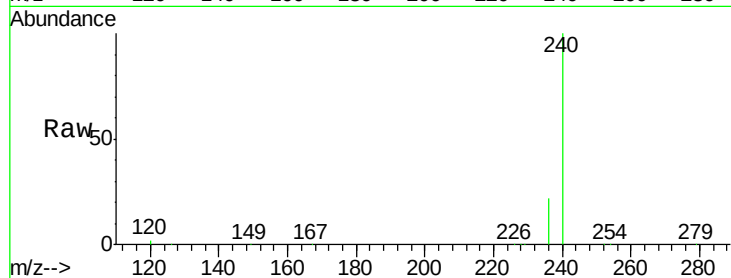
Tgt Ion:240 Resp: 247846

Ion Ratio Lower Upper

240 100

120 2.1 1.4 2.0#

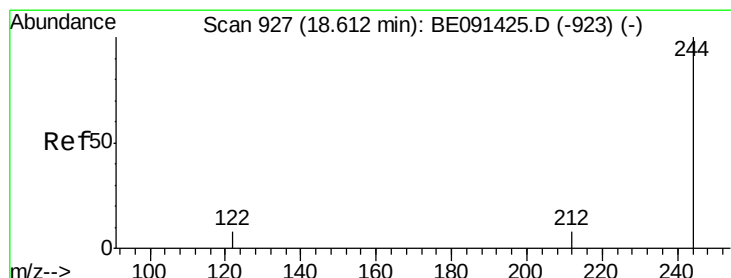
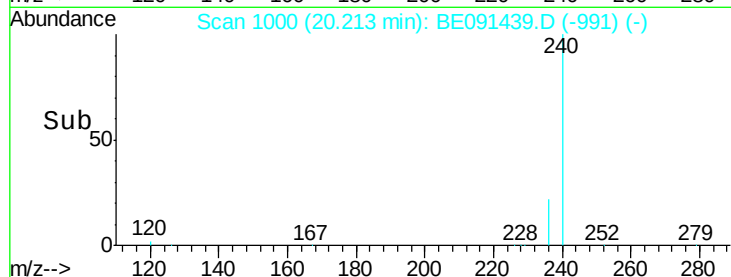
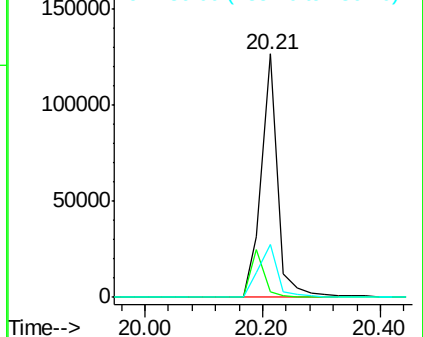
236 21.5 16.7 25.1



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



#21

Terphenyl-d14

Concen: 4.32 ng

RT: 18.59 min Scan# 926

Delta R.T. -0.02 min

Lab File: BE091439.D

Acq: 4 Mar 2016 1:15

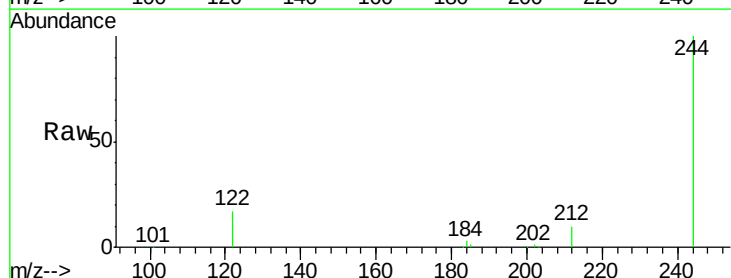
Tgt Ion:244 Resp: 162864

Ion Ratio Lower Upper

244 100

212 10.0 7.0 10.6

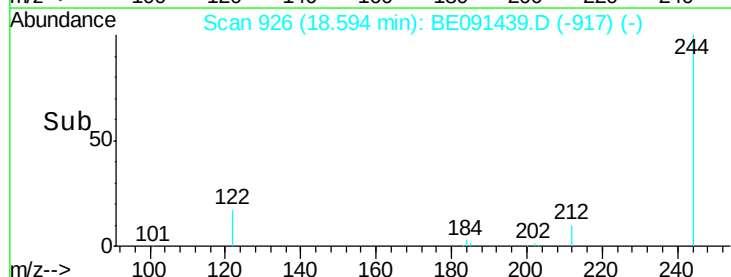
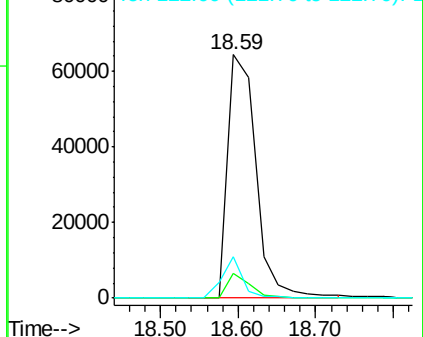
122 17.2 6.8 10.2#

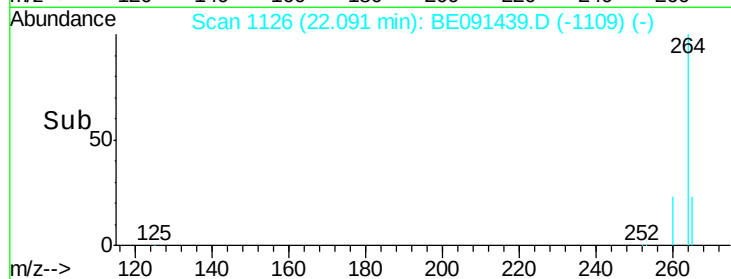
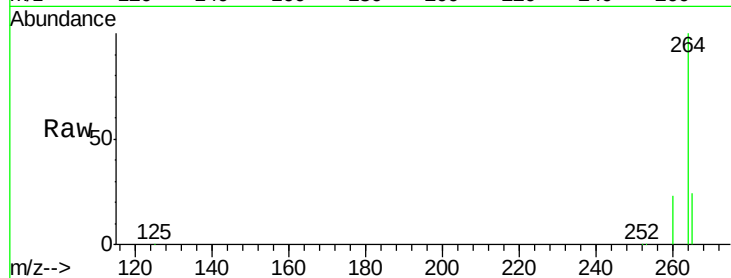
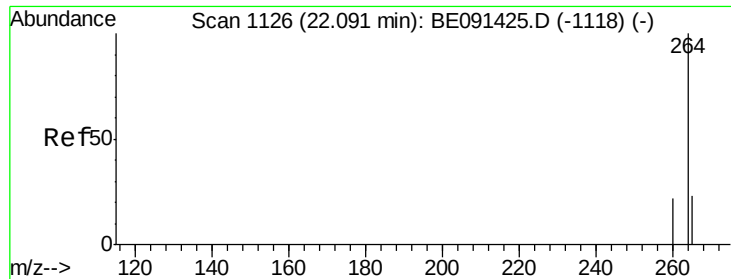


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#25

Perylene-d12

Concen: 5.00 ng

RT: 22.09 min Scan# 1126

Delta R.T. 0.00 min

Lab File: BE091439.D

Acq: 4 Mar 2016 1:15

Instrument :

BNA_E

ClientSampleId :

MDL-BLK-S

Tgt Ion: 264 Resp: 293376

Ion Ratio Lower Upper

264 100

260 22.8 18.0 27.0

265 23.5 18.2 27.4

