

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE120914\
 Data File : BE089193.D
 Acq On : 9 Dec 2014 18:41
 Operator : TP/JJ
 Sample : PB80762BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB80762BL

Quant Time: Dec 10 00:58:24 2014
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-PAH-BE120514.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 08 00:50:53 2014
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	18811	5.00	ng	-0.02
3) Naphthalene-d8	8.51	136	72753	5.00	ng	-0.02
7) Acenaphthene-d10	10.66	164	35298	5.00	ng	-0.01
12) Phenanthrene-d10	12.72	188	53369	5.00	ng	-0.02
17) Chrysene-d12	18.06	240	34801	5.00	ng	-0.03
23) Perylene-d12	21.11	264	30240	5.00	ng	-0.03
System Monitoring Compounds						
4) Nitrobenzene-d5	7.64	82	43025	8.05	ng	-0.02
8) 2-Fluorobiphenyl	9.85	172	87179	8.93	ng	-0.01
19) Terphenyl-d14	15.85	244	50332	8.12	ng	-0.02

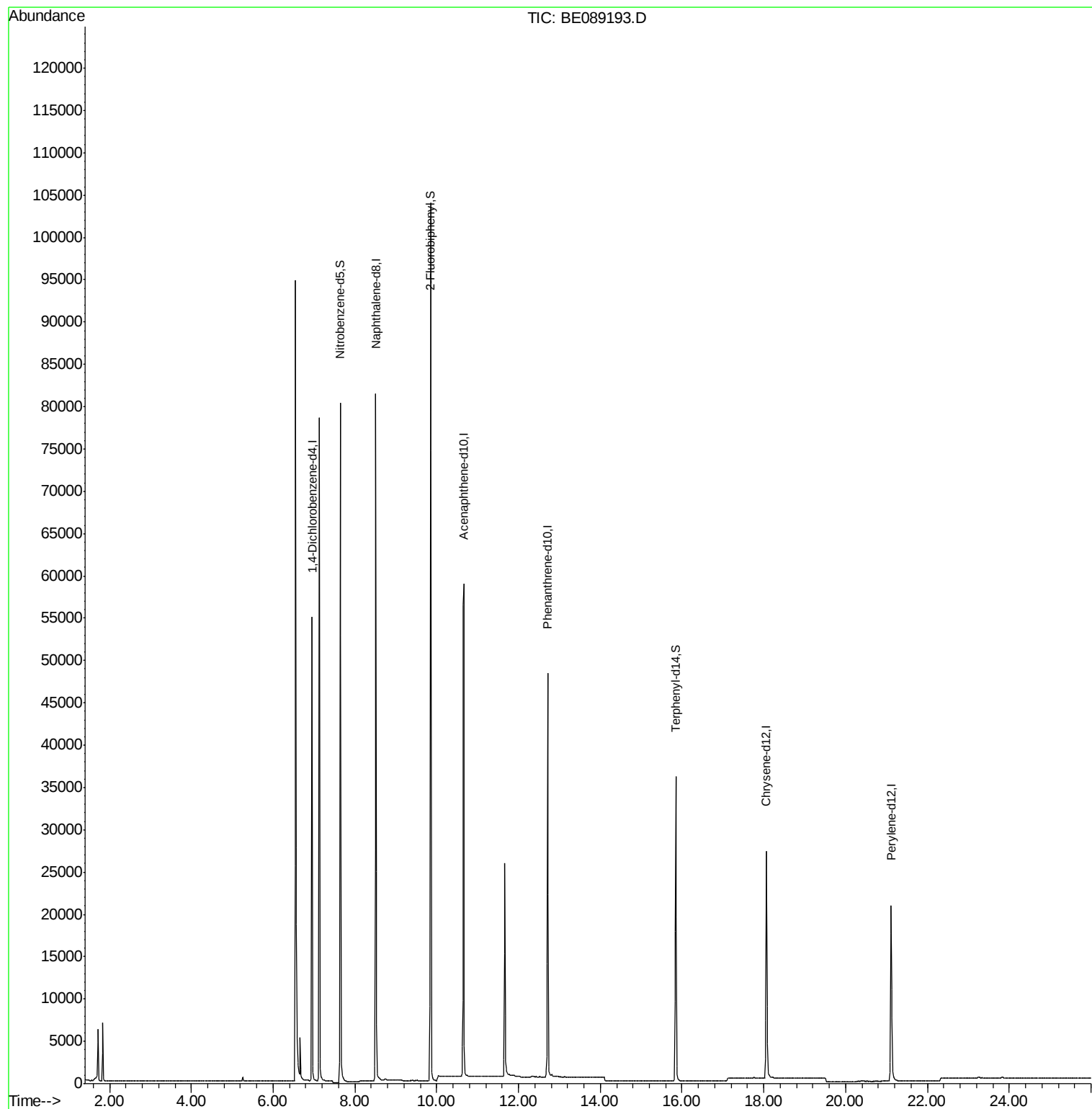
Target Compounds	Qvalue
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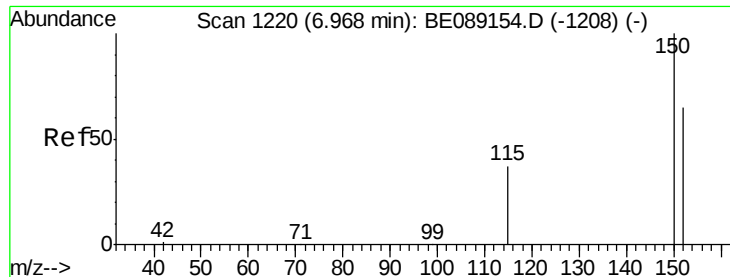
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 6.95 min Scan# 1216

Delta R.T. -0.02 min

Lab File: BE089193.D

Acq: 9 Dec 2014 18:41

Instrument :

BNA_E

ClientSampleId :

PB80762BL

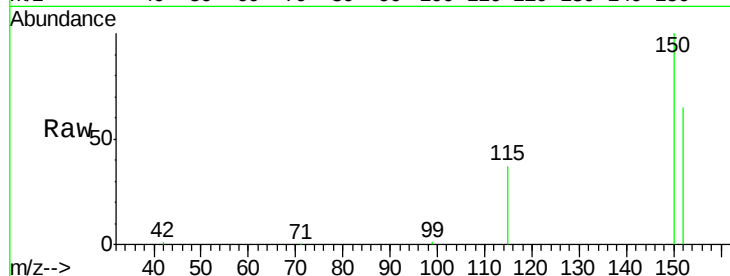
Tgt Ion:152 Resp: 18811

Ion Ratio Lower Upper

152 100

150 154.6 124.0 186.0

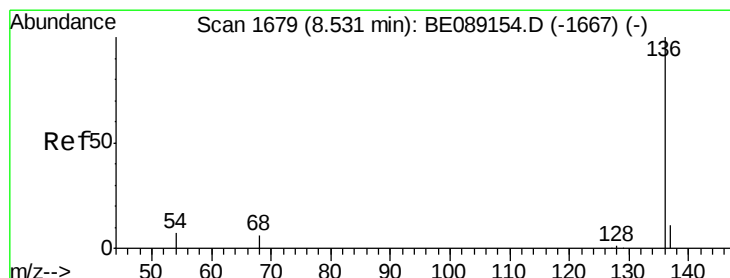
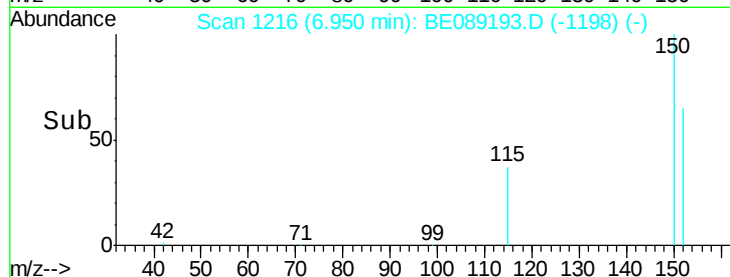
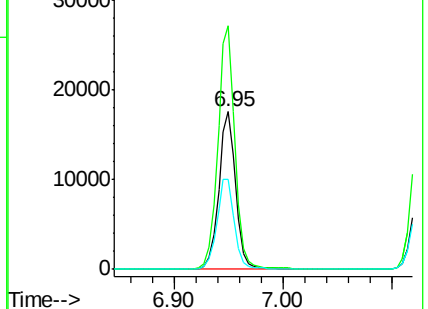
115 56.8 46.0 69.0



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



#3

Naphthalene-d8

Concen: 5.00 ng

RT: 8.51 min Scan# 1675

Delta R.T. -0.02 min

Lab File: BE089193.D

Acq: 9 Dec 2014 18:41

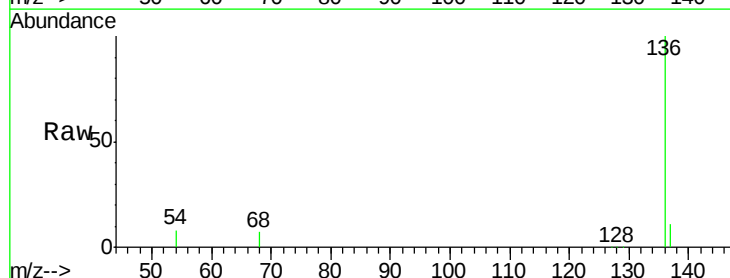
Tgt Ion:136 Resp: 72753

Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

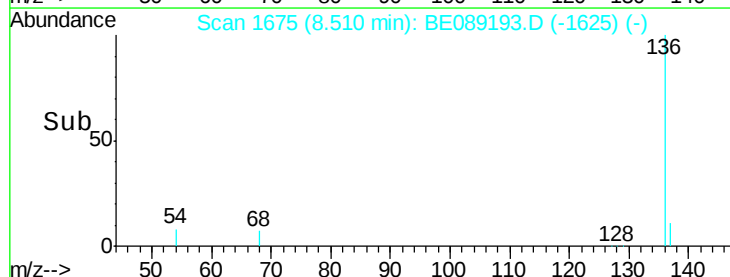
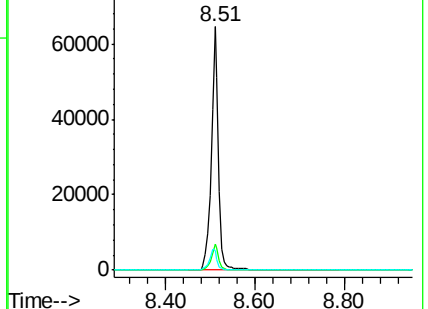
54 8.2 5.8 8.6

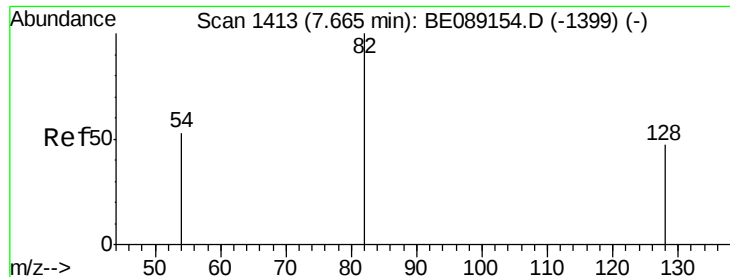


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0





#4

Nitrobenzene-d5

Concen: 8.05 ng

RT: 7.64 min Scan# 1404

Delta R.T. -0.02 min

Lab File: BE089193.D

Acq: 9 Dec 2014 18:41

Instrument :

BNA_E

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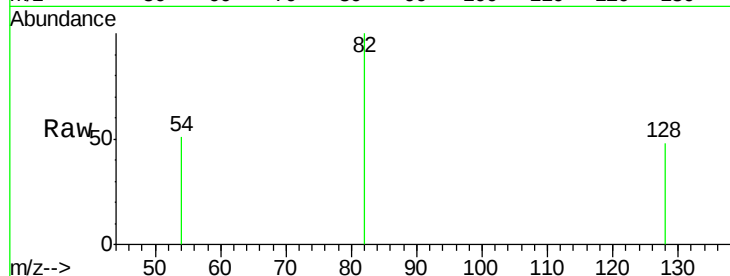
Tgt Ion: 82 Resp: 43025

Ion Ratio Lower Upper

82 100

128 48.0 37.8 56.6

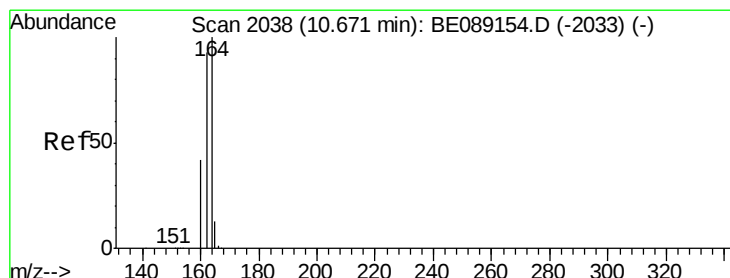
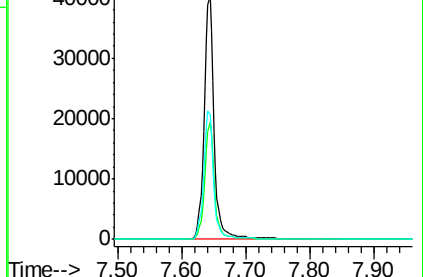
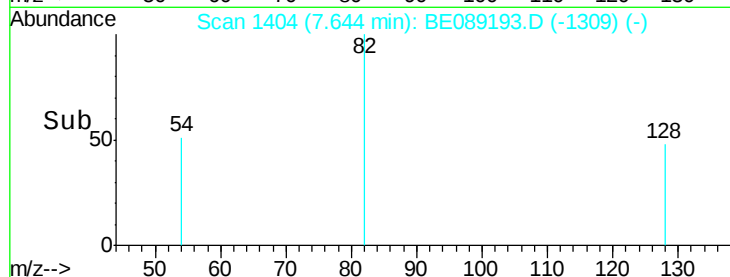
54 51.4 43.0 64.4



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: 10.66 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BE089193.D

Acq: 9 Dec 2014 18:41

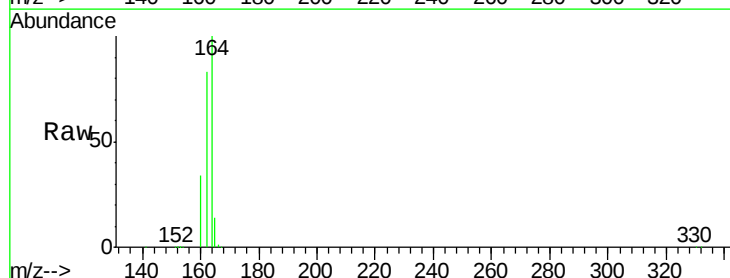
Tgt Ion: 164 Resp: 35298

Ion Ratio Lower Upper

164 100

162 82.9 74.2 111.2

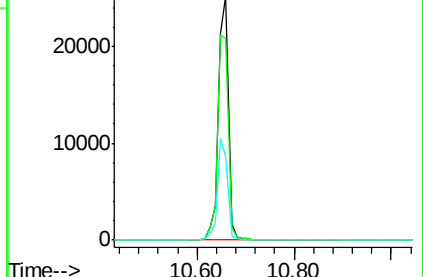
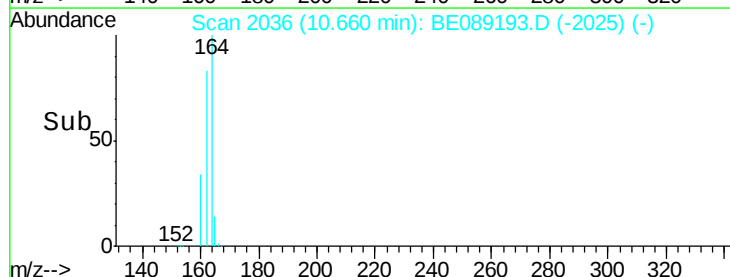
160 34.2 33.7 50.5

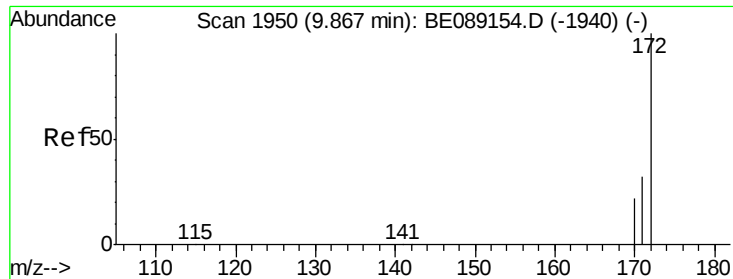


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

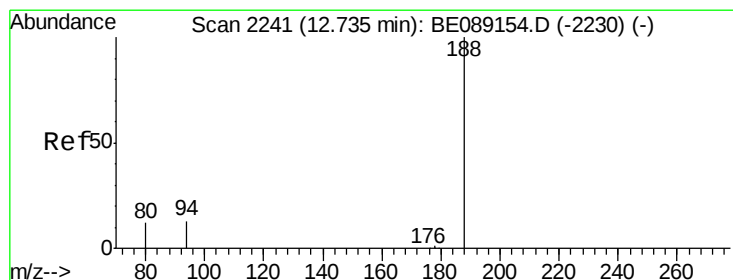
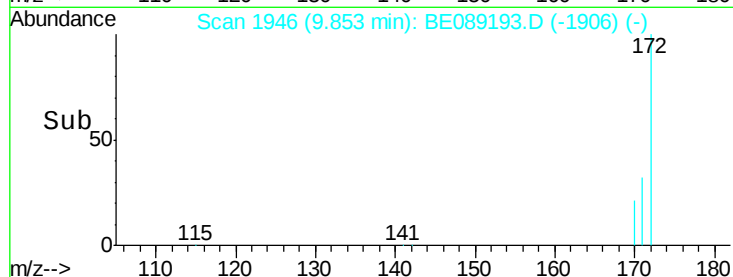
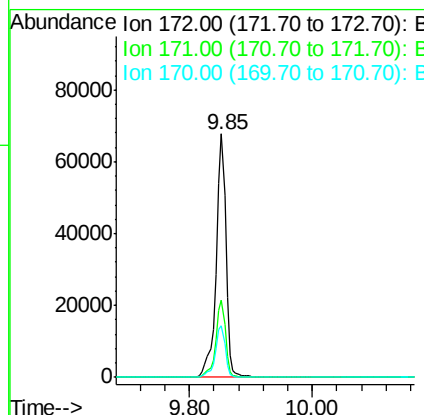
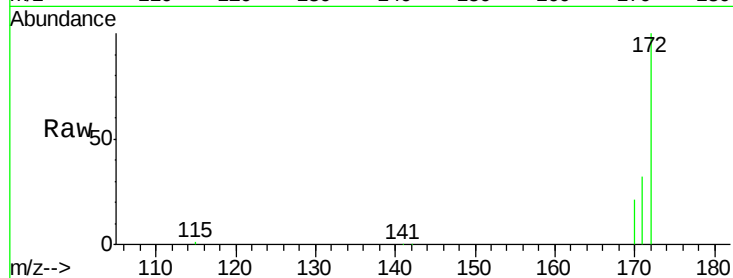




#8
 2-Fluorobiphenyl
 Concen: 8.93 ng
 RT: 9.85 min Scan# 1946
 Delta R.T. -0.01 min
 Lab File: BE089193.D
 Acq: 9 Dec 2014 18:41

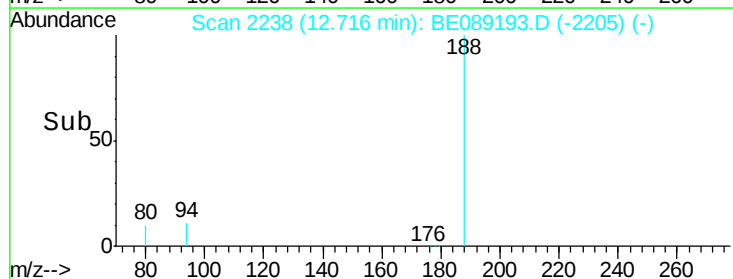
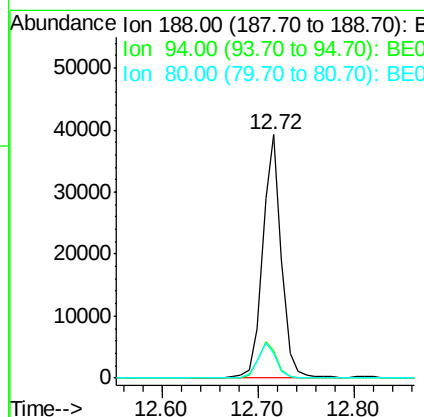
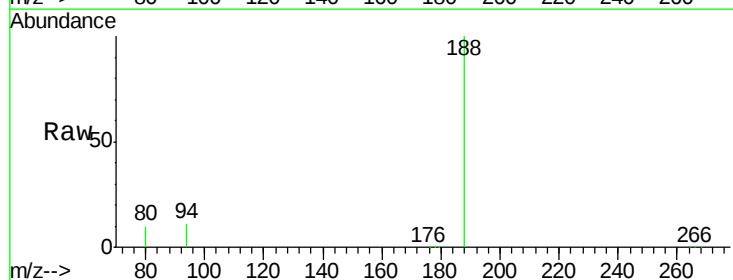
Instrument :
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 ClientSampleId :
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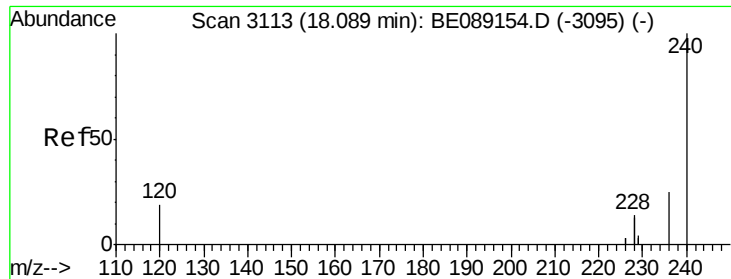
Tgt Ion:172 Resp: 87179
 Ion Ratio Lower Upper
 172 100
 171 31.7 26.0 39.0
 170 21.2 18.0 27.0



#12
 Phenanthrene-d10
 Concen: 5.00 ng
 RT: 12.72 min Scan# 2238
 Delta R.T. -0.02 min
 Lab File: BE089193.D
 Acq: 9 Dec 2014 18:41

Tgt Ion:188 Resp: 53369
 Ion Ratio Lower Upper
 188 100
 94 11.2 10.6 16.0
 80 10.1 9.9 14.9

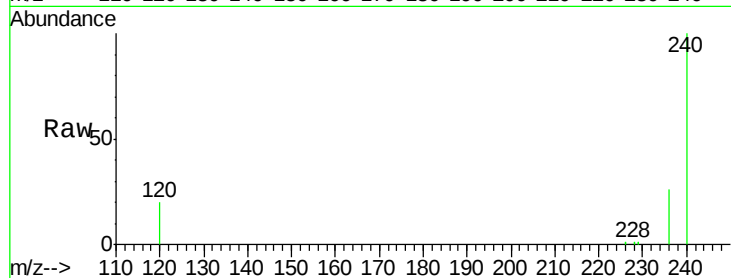




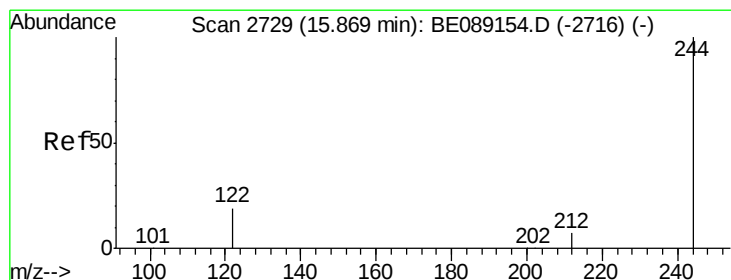
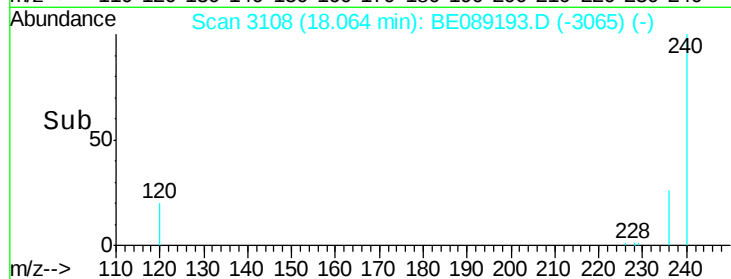
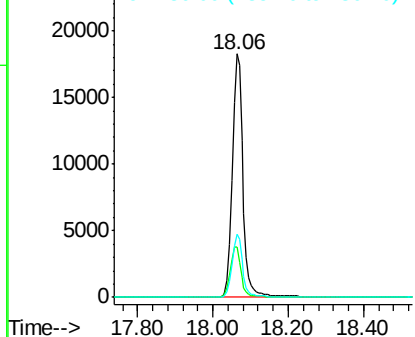
#17
Chrysene-d12
Concen: 5.00 ng
RT: 18.06 min Scan# 3108
Delta R.T. -0.03 min
Lab File: BE089193.D
Acq: 9 Dec 2014 18:41

Instrument :
BNA_E
ClientSampleId :
PB80762BL

Tgt Ion:240 Resp: 34801
Ion Ratio Lower Upper
240 100
120 20.4 15.5 23.3
236 25.9 20.3 30.5

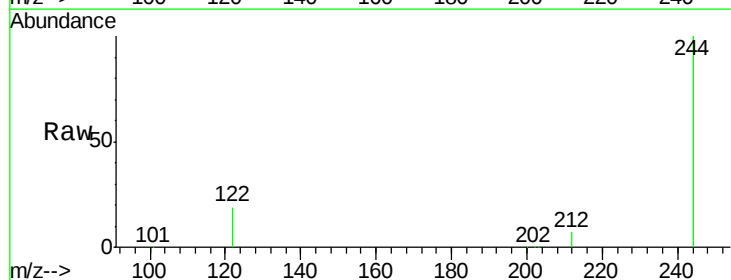


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

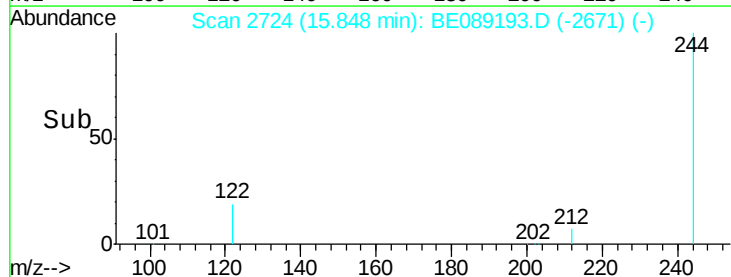
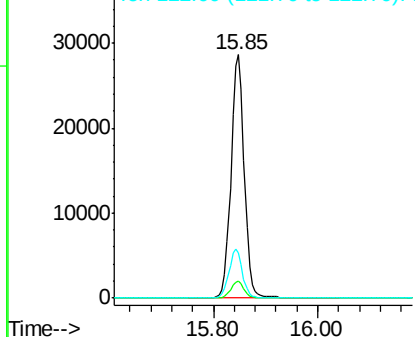


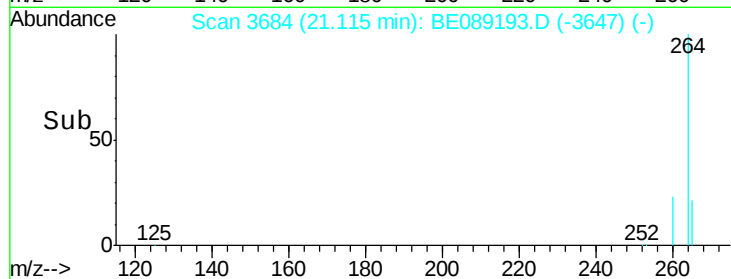
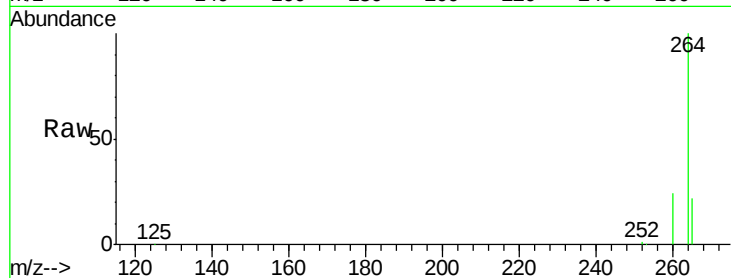
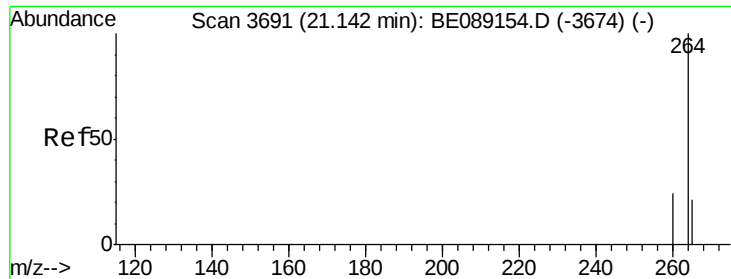
#19
Terphenyl-d14
Concen: 8.12 ng
RT: 15.85 min Scan# 2724
Delta R.T. -0.02 min
Lab File: BE089193.D
Acq: 9 Dec 2014 18:41

Tgt Ion:244 Resp: 50332
Ion Ratio Lower Upper
244 100
212 6.9 6.2 9.2
122 18.8 16.2 24.2



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





#23

Perylene-d12

Concen: 5.00 ng

RT: 21.11 min Scan# 3684

Delta R.T. -0.03 min

Lab File: BE089193.D

Acq: 9 Dec 2014 18:41

Instrument :

BNA_E

ClientSampleId :

PB80762BL

Tgt Ion: 264 Resp: 30240

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 21.8 17.2 25.8

