

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE032415\
 Data File : BE089831.D
 Acq On : 25 Mar 2015 4:15
 Operator : TP/JJ
 Sample : G1575-08
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RW-9V

Quant Time: Mar 25 17:18:02 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIMPAH-BE032415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 25 16:20:31 2015
 Response via : Initial Calibration

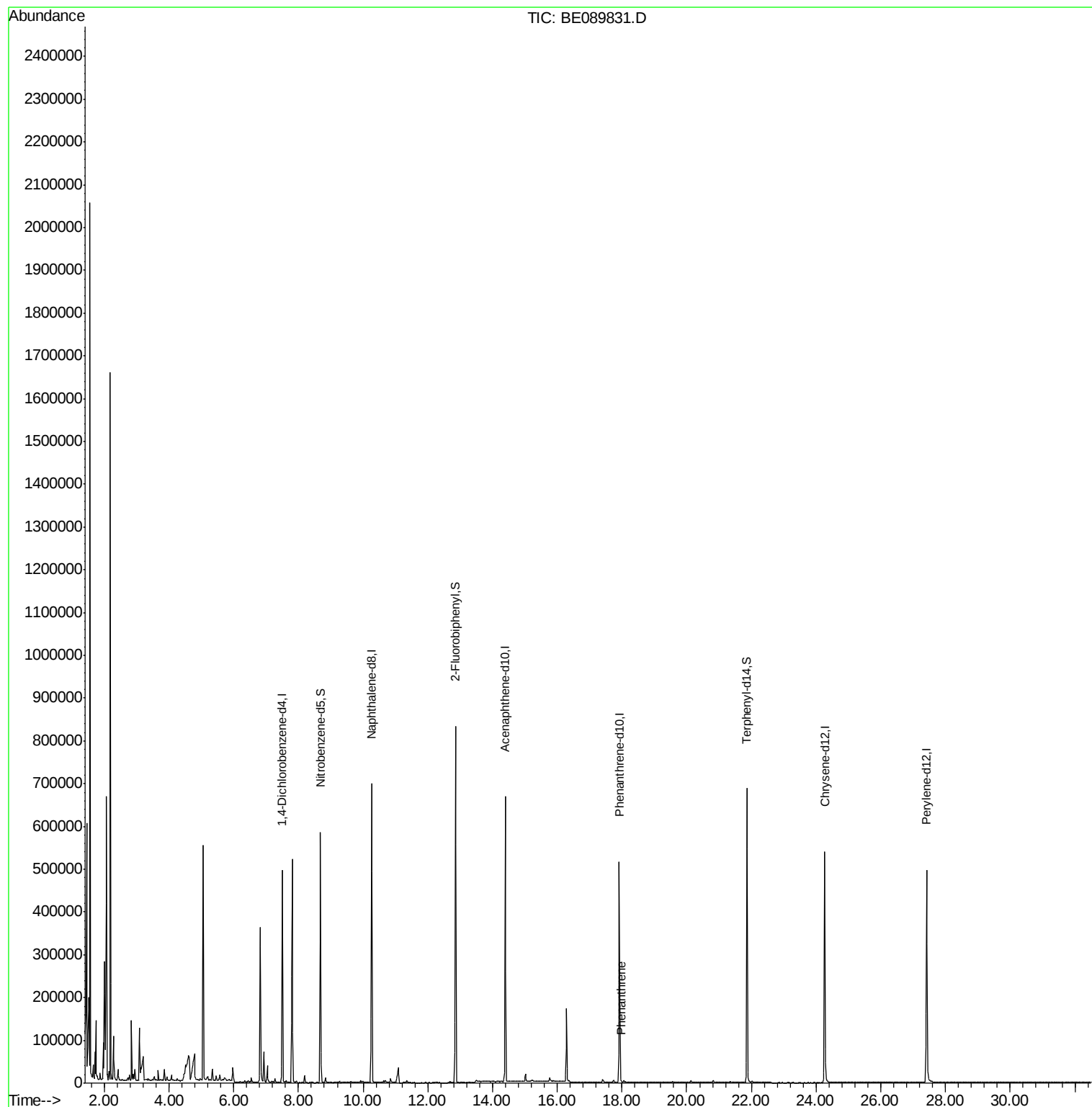
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	208412	5.00	ng	0.00
4) Naphthalene-d8	10.26	136	843098	5.00	ng	0.00
8) Acenaphthene-d10	14.39	164	381522	5.00	ng	0.00
13) Phenanthrene-d10	17.93	188	682772	5.00	ng	0.00
19) Chrysene-d12	24.26	240	670968	5.00	ng	0.00
25) Perylene-d12	27.42	264	629295	5.00	ng	0.00
System Monitoring Compounds						
5) Nitrobenzene-d5	8.68	82	454228	7.42	ng	0.00
9) 2-Fluorobiphenyl	12.85	172	753682	8.44	ng	0.00
21) Terphenyl-d14	21.87	244	913677	9.23	ng	0.00
Target Compounds						
16) Phenanthrene	17.97	178	4739	0.03	ng	Qvalue # 94

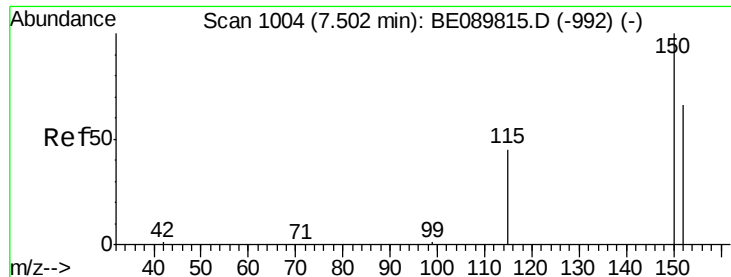
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.50 min Scan# 1004

Delta R.T. 0.00 min

Lab File: BE089831.D

Acq: 25 Mar 2015 4:15

Instrument :

BNA_E

ClientSampleId :

RW-9V

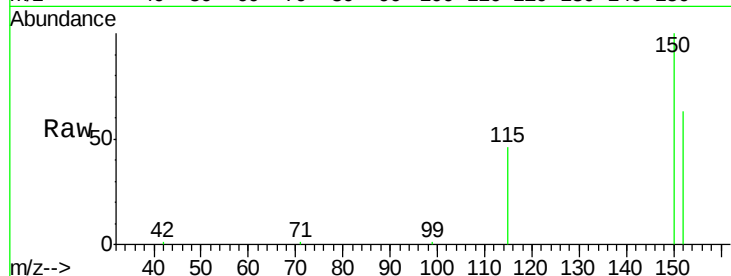
Tgt Ion:152 Resp: 208412

Ion Ratio Lower Upper

152 100

150 157.8 125.5 188.3

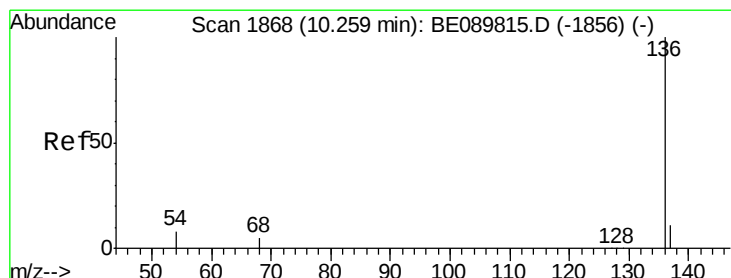
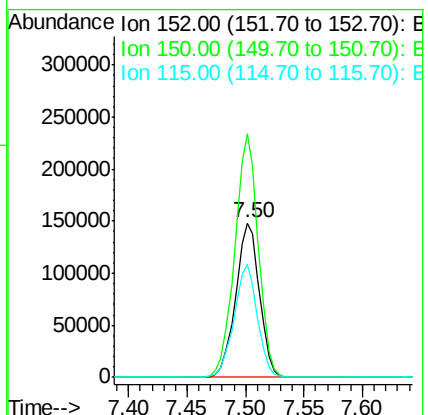
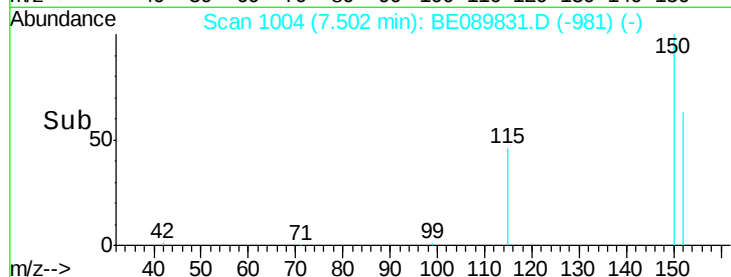
115 72.9 58.0 87.0



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# 1869

Delta R.T. 0.01 min

Lab File: BE089831.D

Acq: 25 Mar 2015 4:15

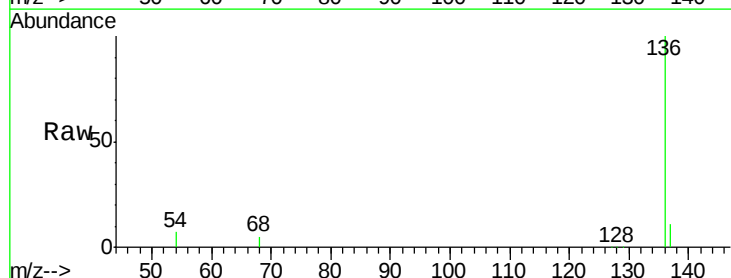
Tgt Ion:136 Resp: 843098

Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

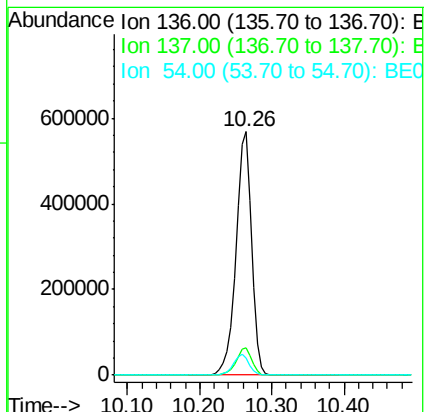
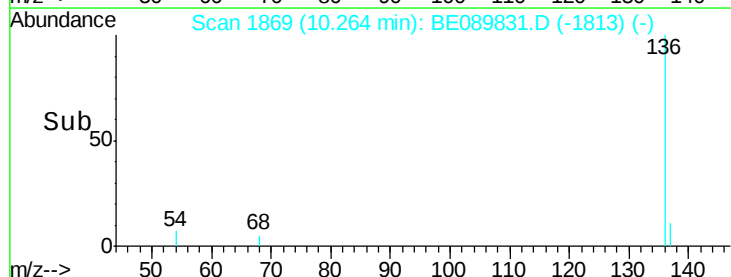
54 7.0 7.0 10.4

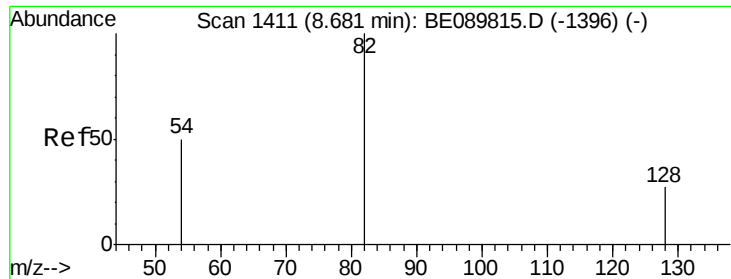


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0





#5

Nitrobenzene-d5

Concen: 7.42 ng

RT: 8.68 min Scan# 1411

Delta R.T. -0.00 min

Lab File: BE089831.D

Acq: 25 Mar 2015 4:15

Instrument :

BNA_E

ClientSampleId :

RW-9V

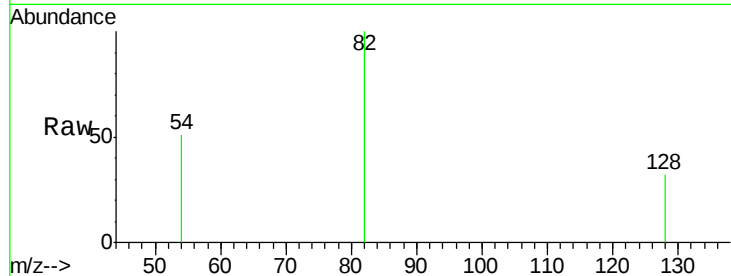
Tgt Ion: 82 Resp: 454228

Ion Ratio Lower Upper

82 100

128 31.8 24.6 37.0

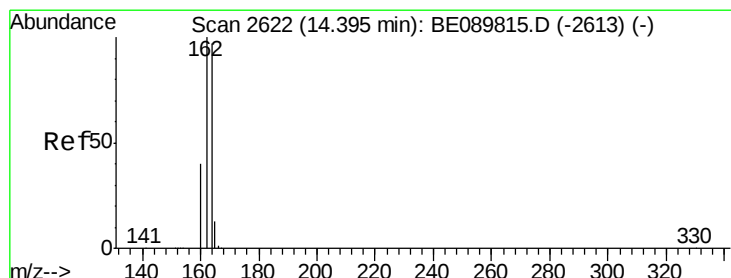
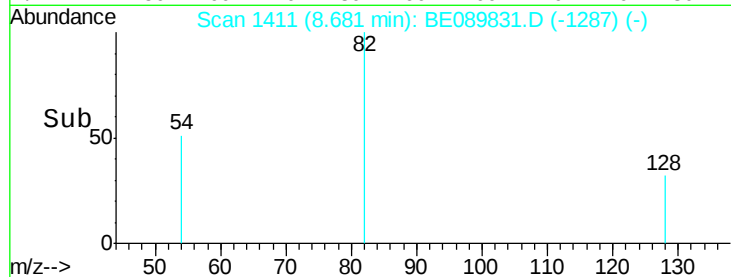
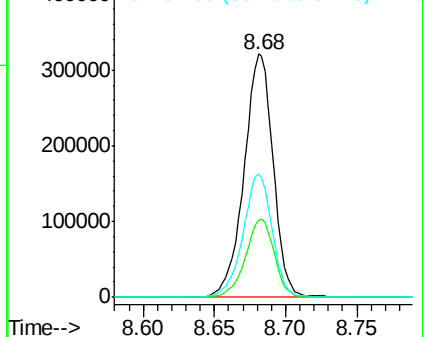
54 50.8 43.0 64.6



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: 14.39 min Scan# 2622

Delta R.T. 0.01 min

Lab File: BE089831.D

Acq: 25 Mar 2015 4:15

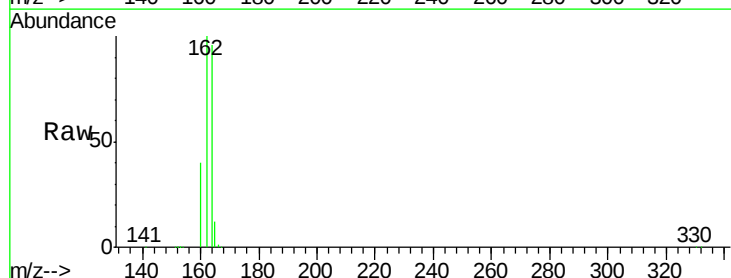
Tgt Ion: 164 Resp: 381522

Ion Ratio Lower Upper

164 100

162 104.6 87.6 131.4

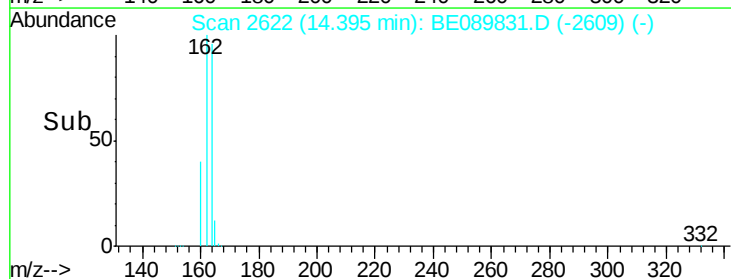
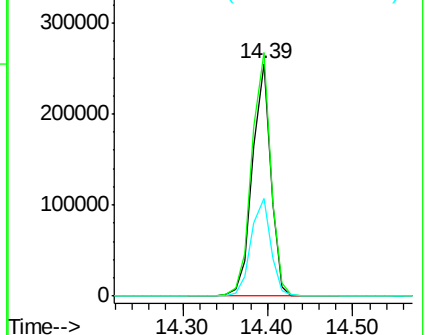
160 42.2 36.7 55.1

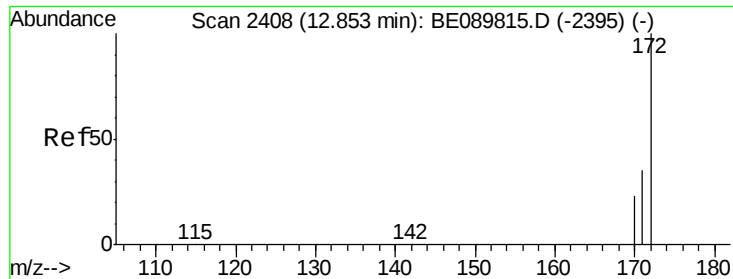


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#9

2-Fluorobiphenyl

Concen: 8.44 ng

RT: 12.85 min Scan# 2408

Delta R.T. 0.00 min

Lab File: BE089831.D

Acq: 25 Mar 2015 4:15

Instrument :

BNA_E

ClientSampleId :

RW-9V

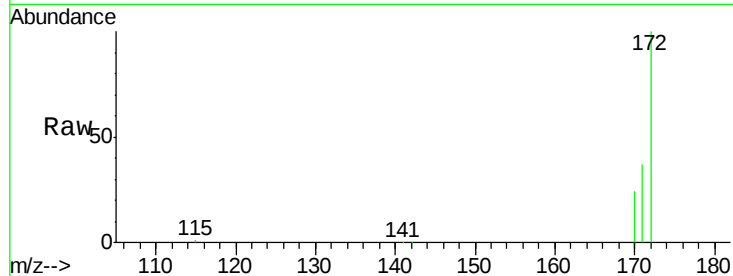
Tgt Ion:172 Resp: 753682

Ion Ratio Lower Upper

172 100

171 36.5 30.8 46.2

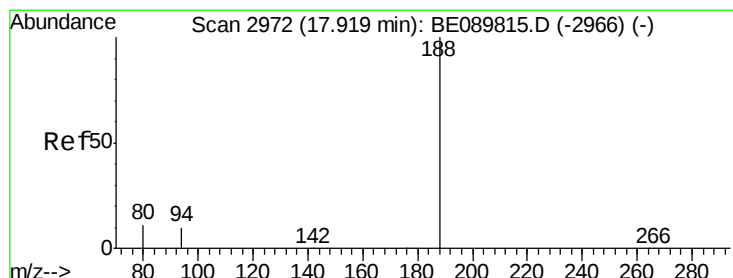
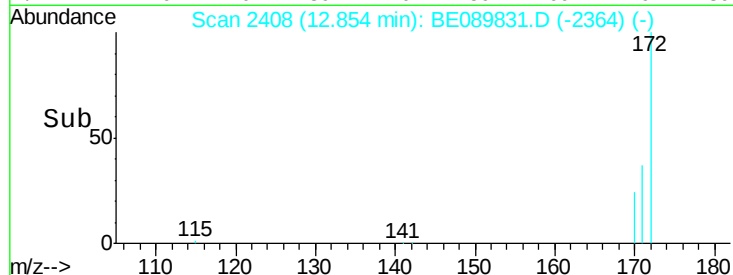
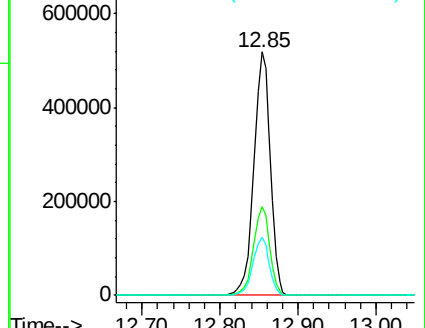
170 23.7 21.0 31.4



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: 17.93 min Scan# 2973

Delta R.T. 0.01 min

Lab File: BE089831.D

Acq: 25 Mar 2015 4:15

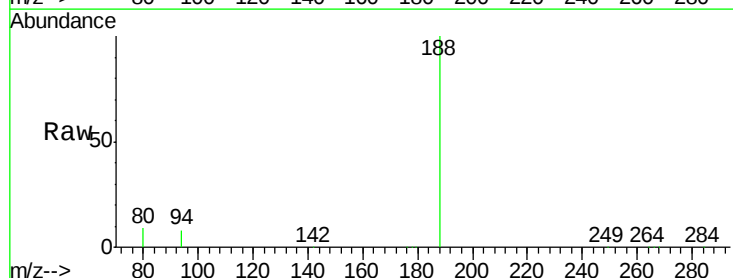
Tgt Ion:188 Resp: 682772

Ion Ratio Lower Upper

188 100

94 8.4 8.5 12.7#

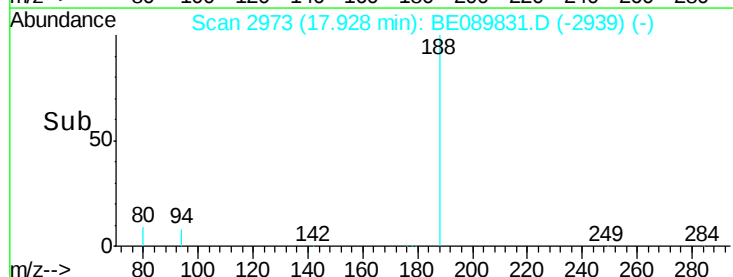
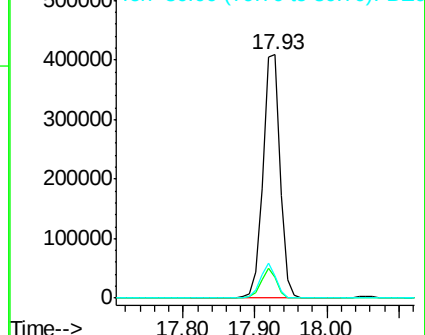
80 9.4 10.0 15.0#

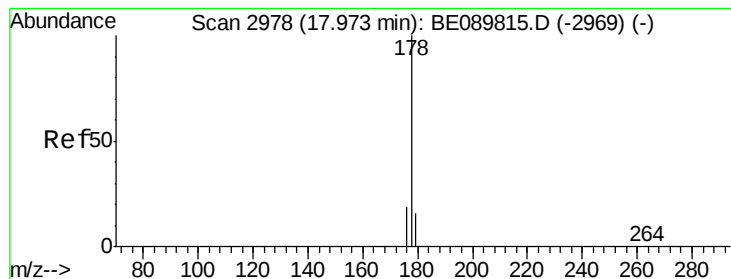


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#16

Phenanthrene

Concen: 0.03 ng

RT: 17.97 min Scan# 2978

Delta R.T. -0.00 min

Lab File: BE089831.D

Acq: 25 Mar 2015 4:15

Instrument :

BNA_E

ClientSampleId :

RW-9V

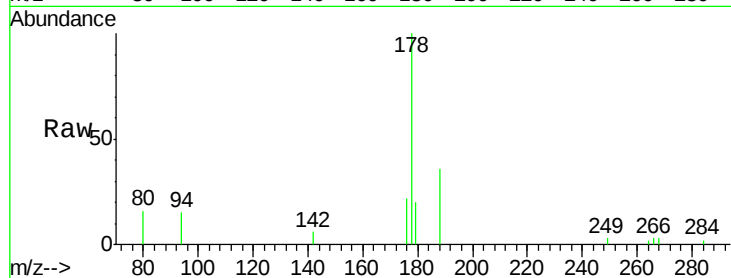
Tgt Ion:178 Resp: 4739

Ion Ratio Lower Upper

178 100

176 23.6 15.4 23.0#

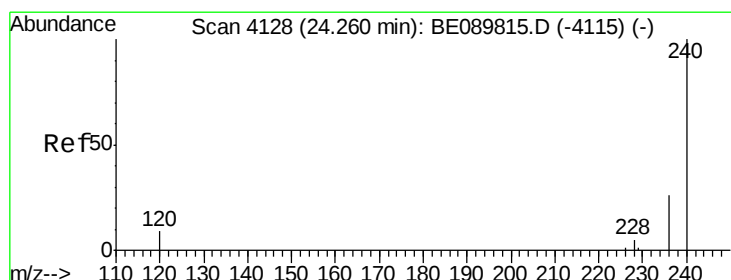
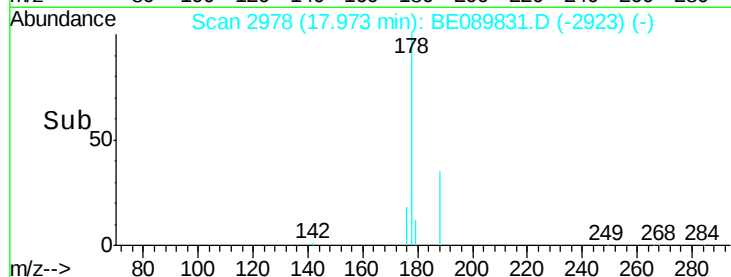
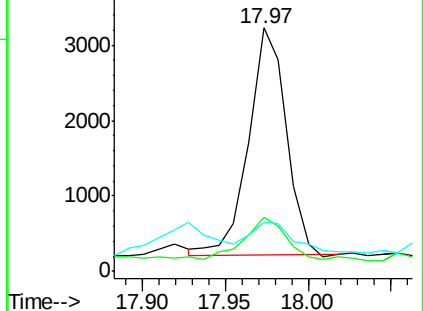
179 15.9 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#19

Chrysene-d12

Concen: 5.00 ng

RT: 24.26 min Scan# 4129

Delta R.T. 0.00 min

Lab File: BE089831.D

Acq: 25 Mar 2015 4:15

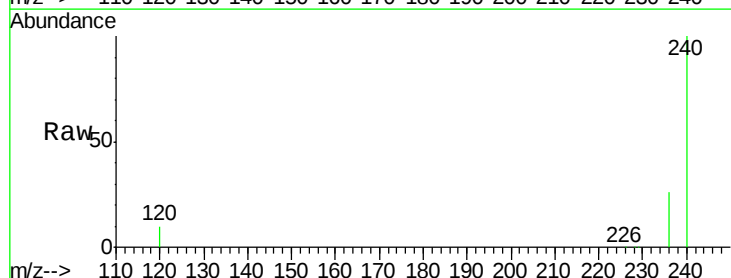
Tgt Ion:240 Resp: 670968

Ion Ratio Lower Upper

240 100

120 10.5 7.5 11.3

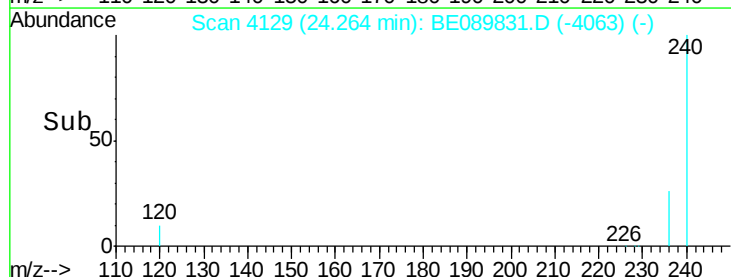
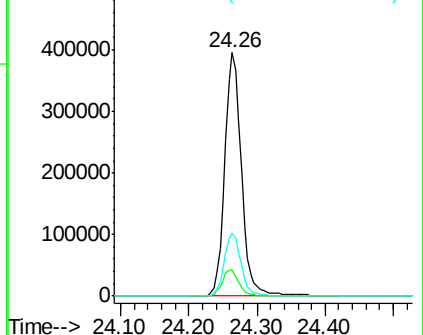
236 26.0 20.5 30.7

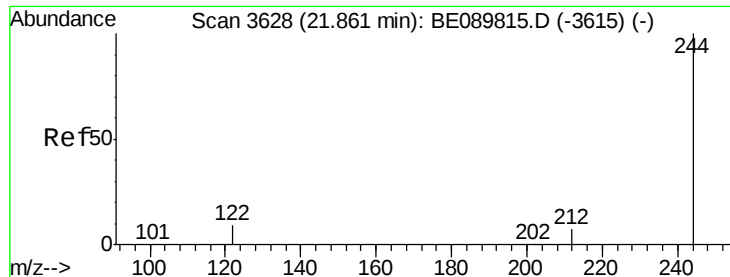


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#21

Terphenyl-d14

Concen: 9.23 ng

RT: 21.87 min Scan# 3629

Delta R.T. 0.01 min

Lab File: BE089831.D

Acq: 25 Mar 2015 4:15

Instrument :

BNA_E

ClientSampleId :

RW-9V

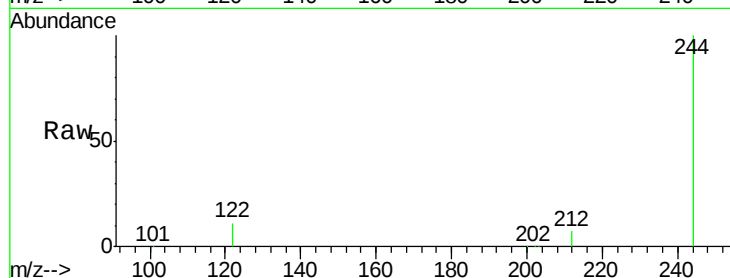
Tgt Ion:244 Resp: 913677

Ion Ratio Lower Upper

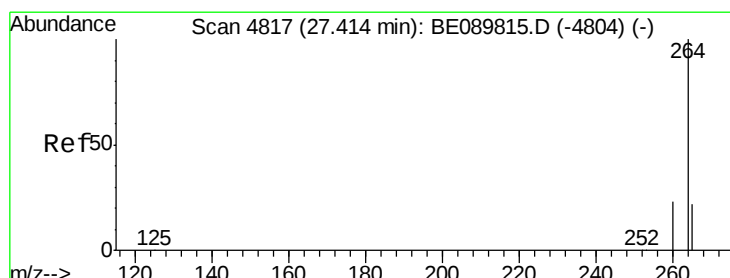
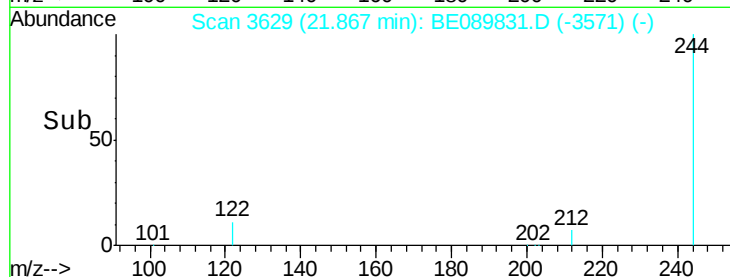
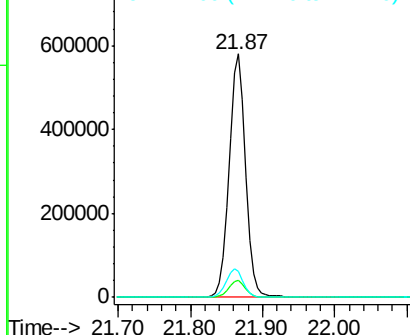
244 100

212 7.2 7.3 10.9#

122 10.8 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: BE089831.D

Acq: 25 Mar 2015 4:15

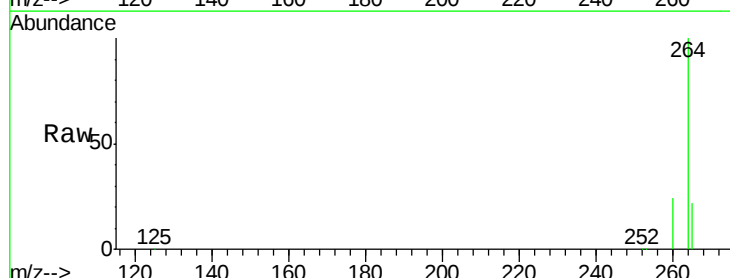
Tgt Ion:264 Resp: 629295

Ion Ratio Lower Upper

264 100

260 23.8 18.2 27.2

265 21.7 17.3 25.9



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

