

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE032415\
 Data File : BE089823.D
 Acq On : 24 Mar 2015 20:53
 Operator : TP/JJ
 Sample : G1575-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW-25V

Quant Time: Mar 25 03:44:12 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIMPAH-BE032415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 24 18:03:12 2015
 Response via : Initial Calibration

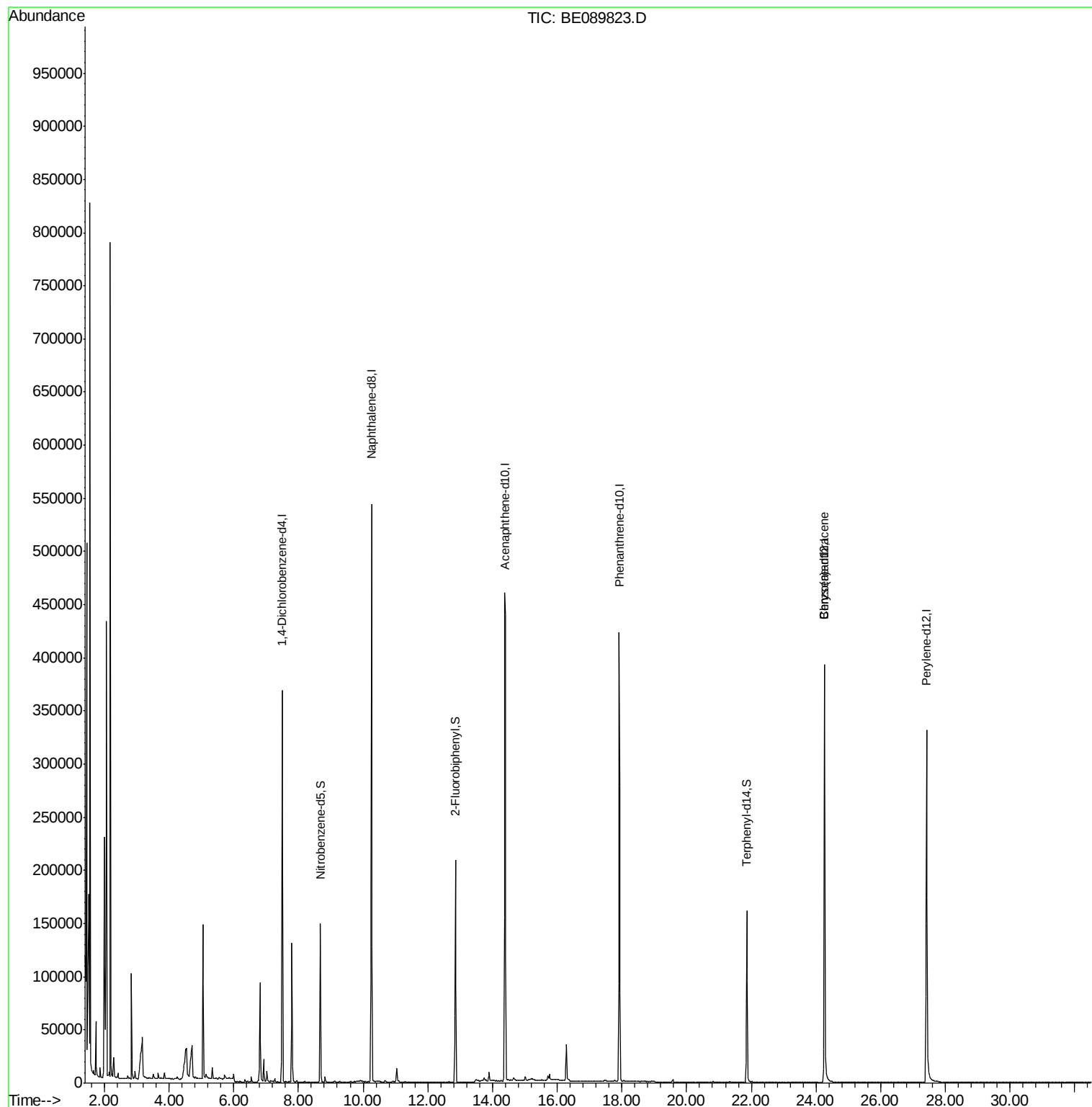
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	157322	5.00	ng	0.00
4) Naphthalene-d8	10.26	136	664526	5.00	ng	0.00
8) Acenaphthene-d10	14.40	164	300616	5.00	ng	0.00
13) Phenanthrene-d10	17.92	188	524840	5.00	ng	0.00
19) Chrysene-d12	24.26	240	502426	5.00	ng	0.00
25) Perylene-d12	27.41	264	460726	5.00	ng	0.00
System Monitoring Compounds						
5) Nitrobenzene-d5	8.68	82	120771	2.67	ng	0.00
9) 2-Fluorobiphenyl	12.85	172	196057	2.79	ng	0.00
21) Terphenyl-d14	21.86	244	225188	3.04	ng	0.00
Target Compounds						
22) Benzo(a)anthracene	24.26	228	1994	0.02	ng	Qvalue # 88

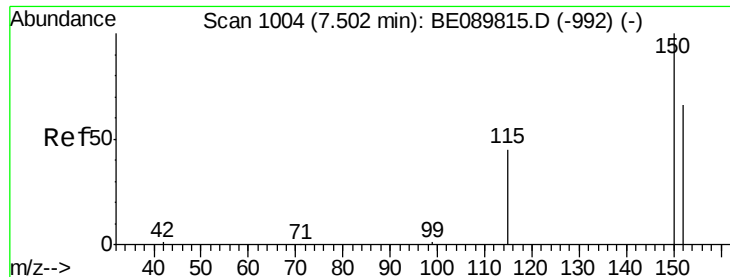
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.50 min Scan# 1003

Delta R.T. -0.00 min

Lab File: BE089823.D

Acq: 24 Mar 2015 20:53

Instrument :

BNA_E

ClientSampled :

MW-25V

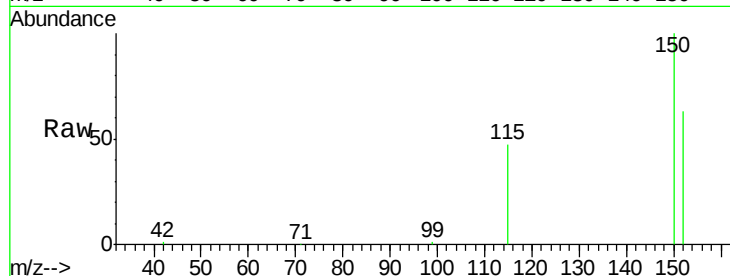
Tgt Ion:152 Resp: 157322

Ion Ratio Lower Upper

152 100

150 158.3 125.5 188.3

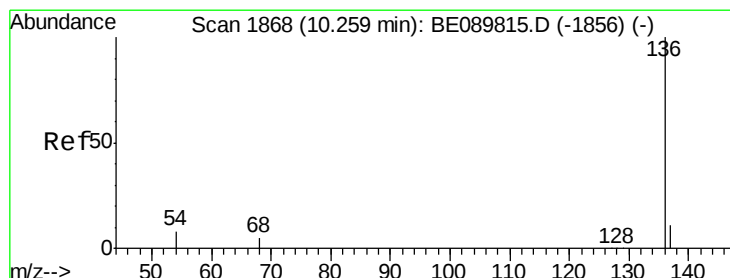
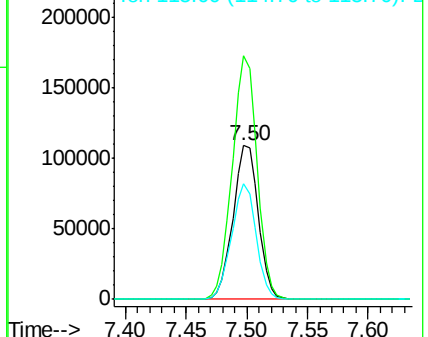
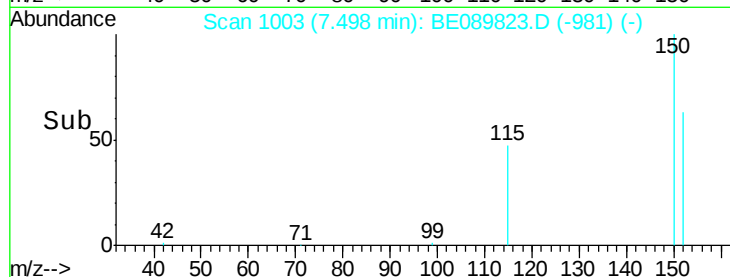
115 75.1 58.0 87.0



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# 1868

Delta R.T. 0.00 min

Lab File: BE089823.D

Acq: 24 Mar 2015 20:53

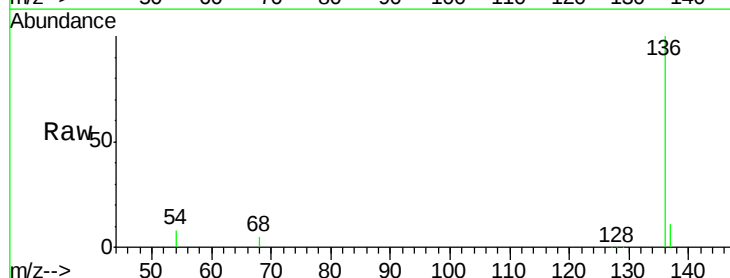
Tgt Ion:136 Resp: 664526

Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

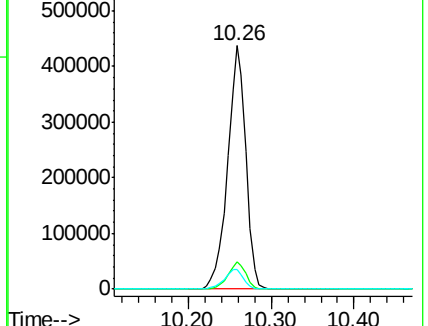
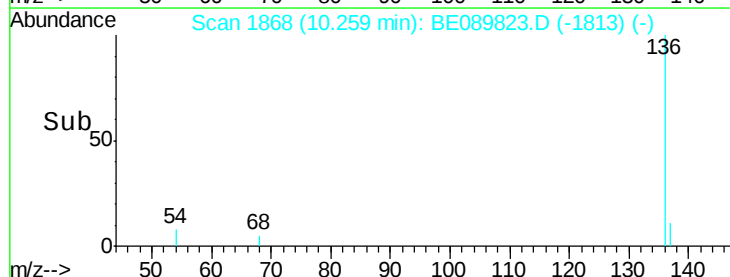
54 8.0 7.0 10.4

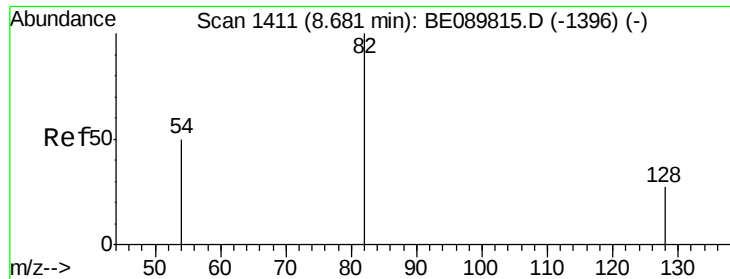


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0





#5

Nitrobenzene-d5

Concen: 2.67 ng

RT: 8.68 min Scan# 1410

Delta R.T. -0.00 min

Lab File: BE089823.D

Acq: 24 Mar 2015 20:53

Instrument :

BNA_E

ClientSampled :

MW-25V

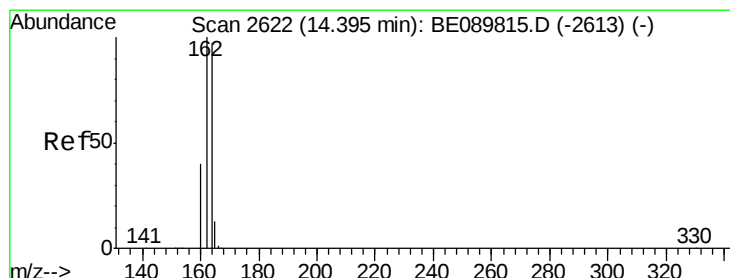
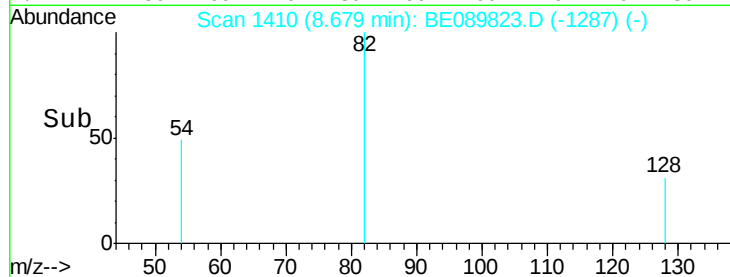
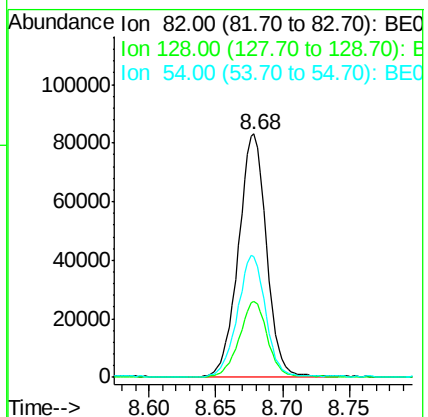
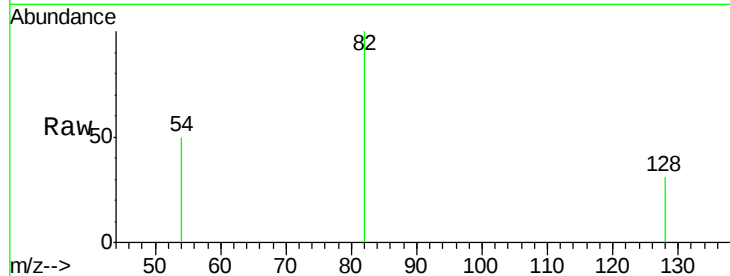
Tgt Ion: 82 Resp: 120771

Ion Ratio Lower Upper

82 100

128 30.9 24.6 37.0

54 49.7 43.0 64.6



#8

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.40 min Scan# 2623

Delta R.T. 0.01 min

Lab File: BE089823.D

Acq: 24 Mar 2015 20:53

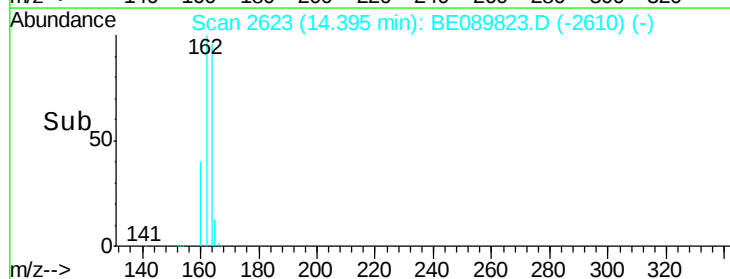
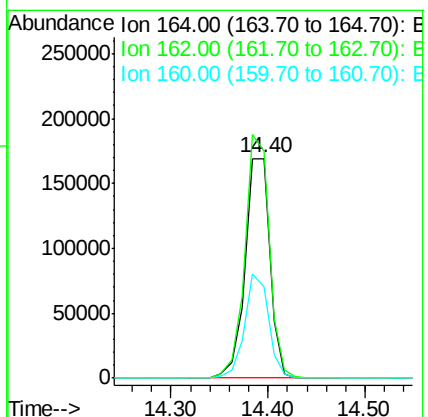
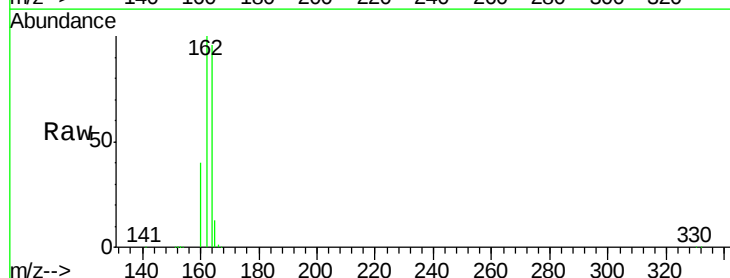
Tgt Ion: 164 Resp: 300616

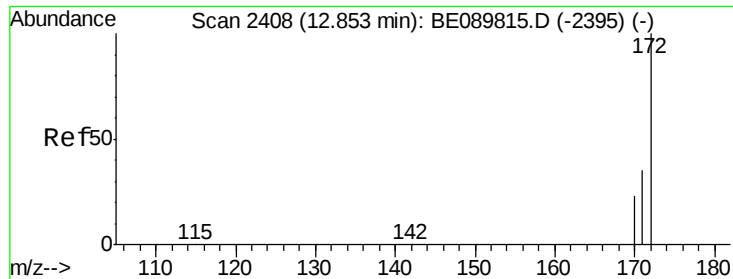
Ion Ratio Lower Upper

164 100

162 103.7 87.6 131.4

160 41.5 36.7 55.1





#9

2-Fluorobiphenyl

Concen: 2.79 ng

RT: 12.85 min Scan# 2408

Delta R.T. -0.00 min

Lab File: BE089823.D

Acq: 24 Mar 2015 20:53

Instrument :

BNA_E

ClientSampleId :

MW-25V

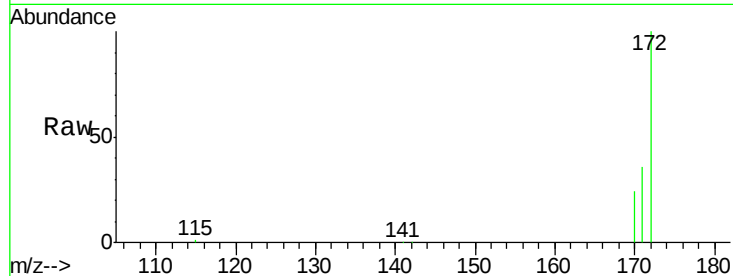
Tgt Ion:172 Resp: 196057

Ion Ratio Lower Upper

172 100

171 36.2 30.8 46.2

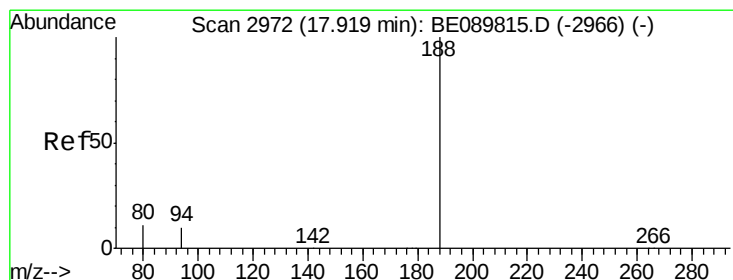
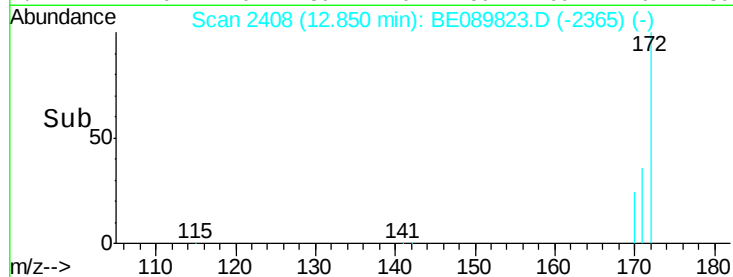
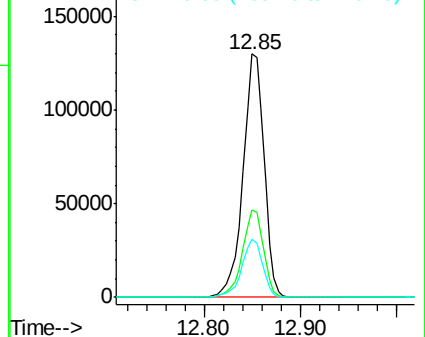
170 24.1 21.0 31.4



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: 17.92 min Scan# 2973

Delta R.T. -0.00 min

Lab File: BE089823.D

Acq: 24 Mar 2015 20:53

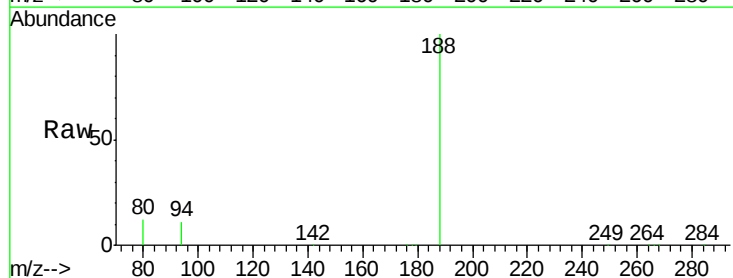
Tgt Ion:188 Resp: 524840

Ion Ratio Lower Upper

188 100

94 10.6 8.5 12.7

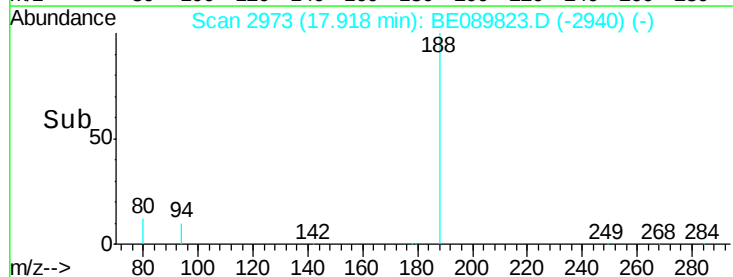
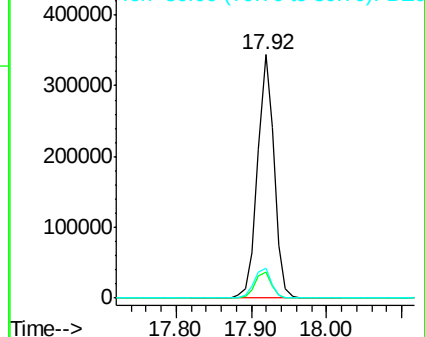
80 12.2 10.0 15.0

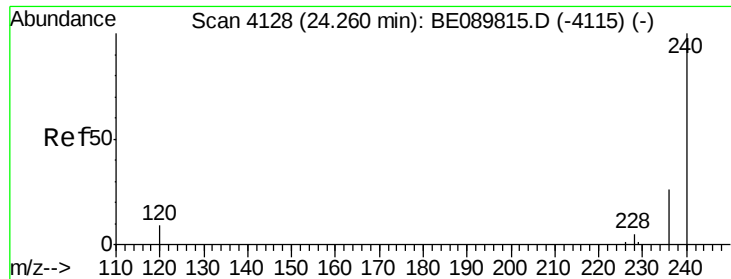


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#19

Chrysene-d12

Concen: 5.00 ng

RT: 24.26 min Scan# 4129

Delta R.T. -0.00 min

Lab File: BE089823.D

Acq: 24 Mar 2015 20:53

Instrument :

BNA_E

ClientSampleId :

MW-25V

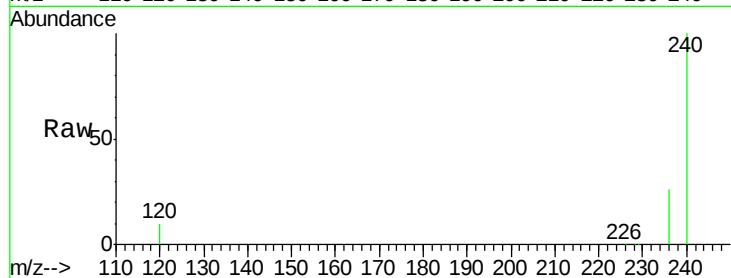
Tgt Ion:240 Resp: 502426

Ion Ratio Lower Upper

240 100

120 10.4 7.5 11.3

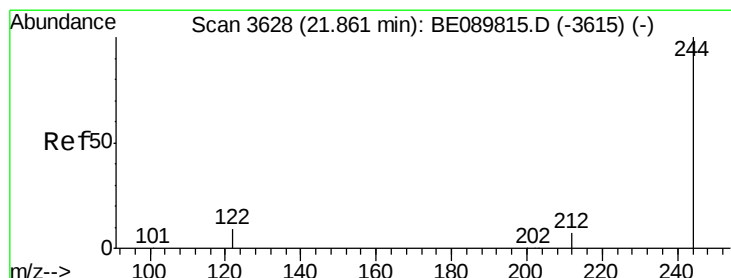
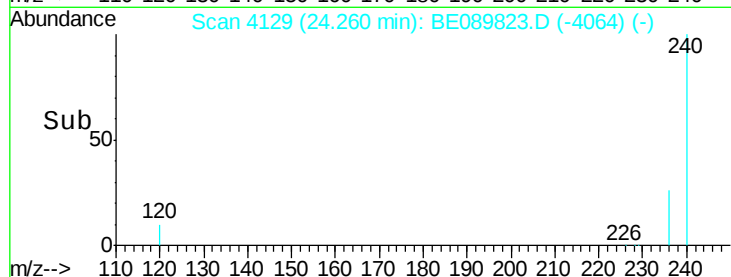
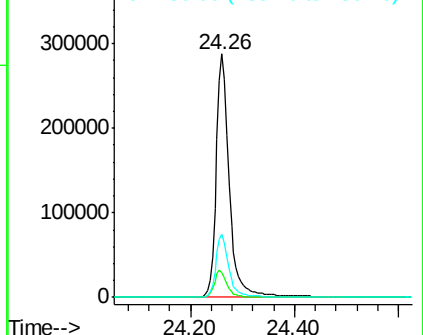
236 25.9 20.5 30.7



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: 3.04 ng

RT: 21.86 min Scan# 3629

Delta R.T. -0.00 min

Lab File: BE089823.D

Acq: 24 Mar 2015 20:53

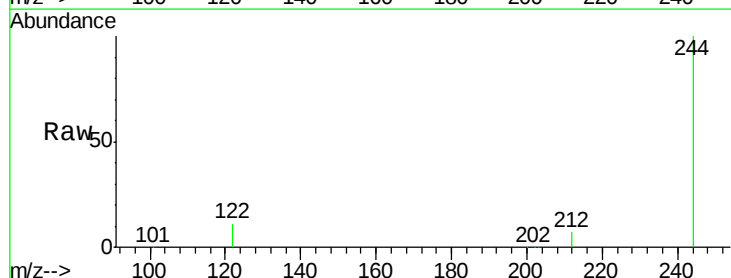
Tgt Ion:244 Resp: 225188

Ion Ratio Lower Upper

244 100

212 7.2 7.3 10.9#

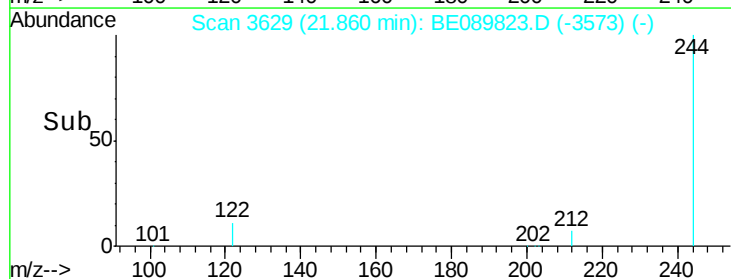
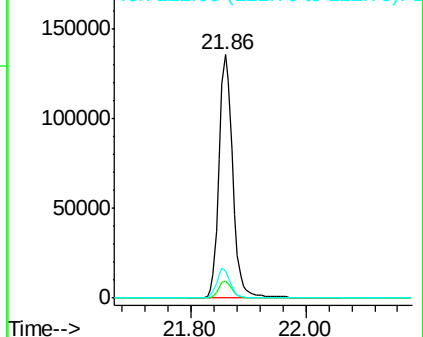
122 11.1 10.5 15.7

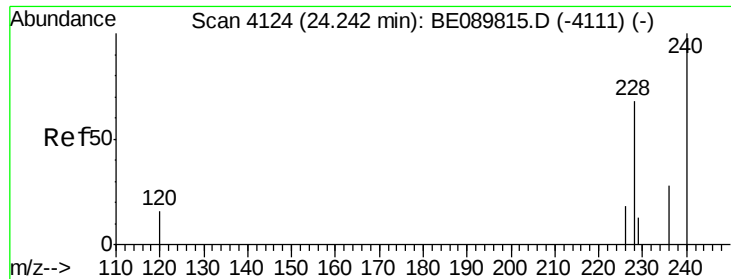


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#22

Benzo(a)anthracene

Concen: 0.02 ng

RT: 24.26 min Scan# 4128

Delta R.T. 0.01 min

Lab File: BE089823.D

Acq: 24 Mar 2015 20:53

Instrument :

BNA_E

ClientSampleId :

MW-25V

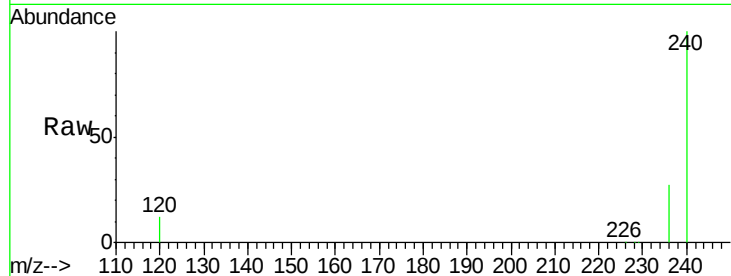
Tgt Ion:228 Resp: 1994

Ion Ratio Lower Upper

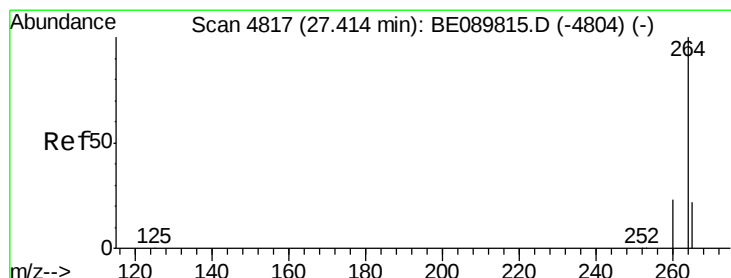
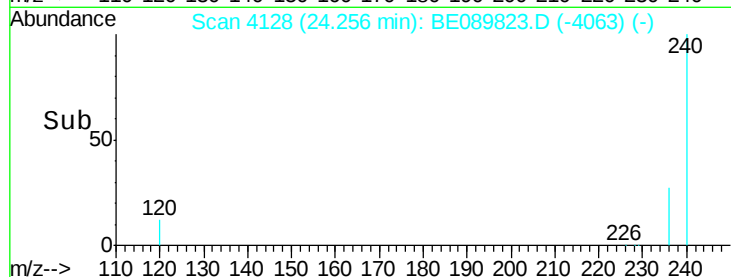
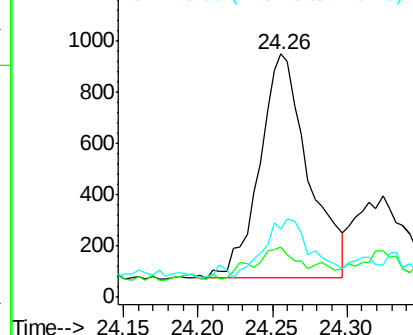
228 100

226 20.9 19.8 29.8

229 28.1 16.3 24.5#



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#25

Perylene-d12

Concen: 5.00 ng

RT: 27.41 min Scan# 4818

Delta R.T. -0.00 min

Lab File: BE089823.D

Acq: 24 Mar 2015 20:53

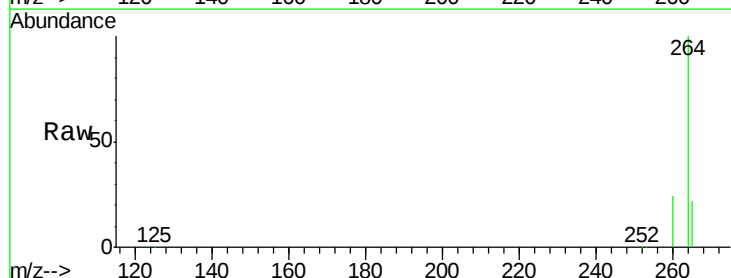
Tgt Ion:264 Resp: 460726

Ion Ratio Lower Upper

264 100

260 24.2 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

