

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE032515\
 Data File : BE089848.D
 Acq On : 25 Mar 2015 22:08
 Operator : TP/JJ
 Sample : G1575-11
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW-24V

Quant Time: Mar 26 06:51:48 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

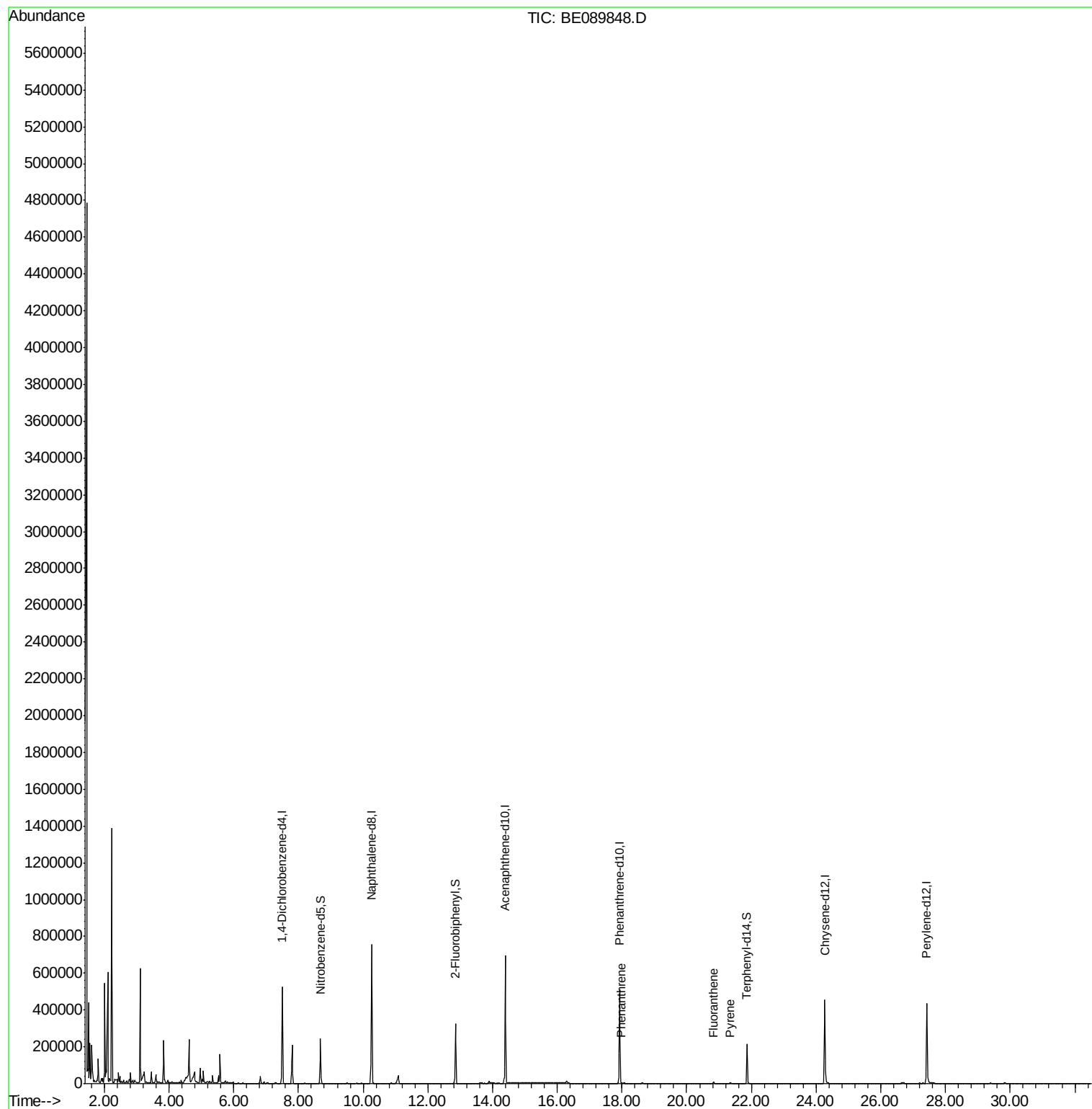
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	237004	5.00	ng	0.00
4) Naphthalene-d8	10.26	136	944275	5.00	ng	0.00
8) Acenaphthene-d10	14.39	164	402721	5.00	ng	0.00
13) Phenanthrene-d10	17.93	188	660079	5.00	ng	0.00
19) Chrysene-d12	24.27	240	592692	5.00	ng	0.00
25) Perylene-d12	27.42	264	557916	5.00	ng	0.00
System Monitoring Compounds						
5) Nitrobenzene-d5	8.68	82	205241	3.15	ng	0.00
9) 2-Fluorobiphenyl	12.85	172	308489	3.27	ng	0.00
21) Terphenyl-d14	21.87	244	301798	3.45	ng	0.00
Target Compounds						Qvalue
16) Phenanthrene	17.98	178	3862	0.03	ng	96
18) Fluoranthene	20.83	202	8085	0.06	ng	99
20) Pyrene	21.35	202	7778	0.05	ng	97

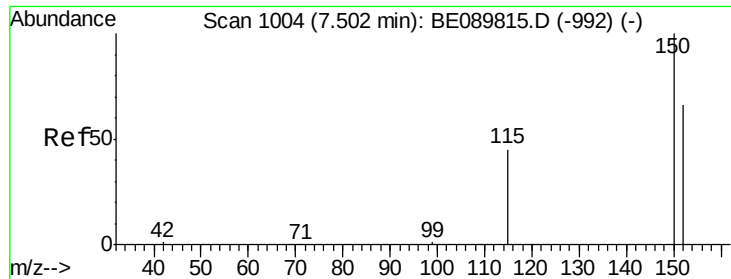
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE089848.D

Acq: 25 Mar 2015 22:08

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MW-24V

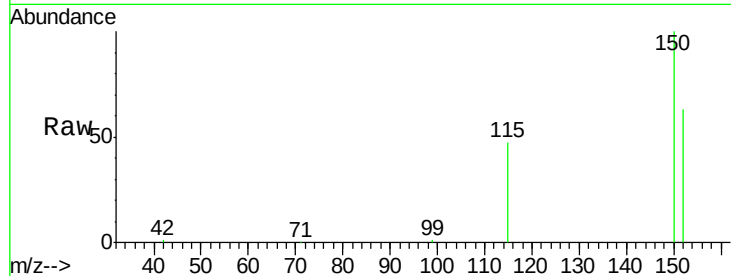
Tgt Ion:152 Resp: 237004

Ion Ratio Lower Upper

152 100

150 157.5 125.5 188.3

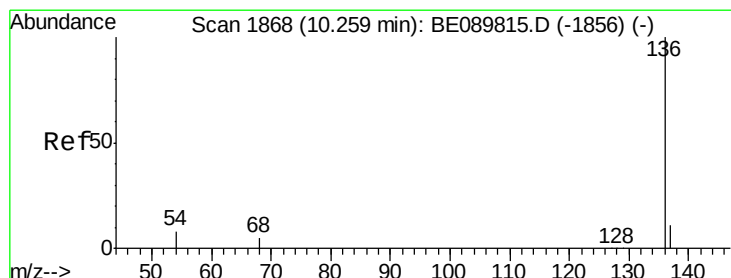
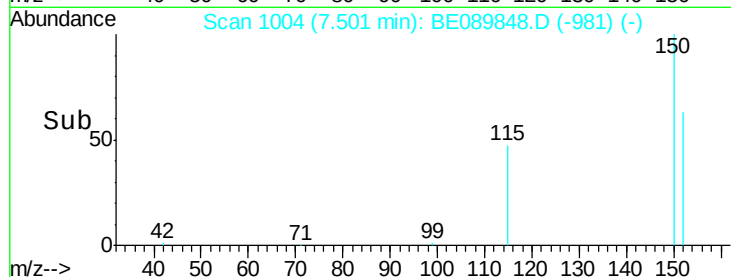
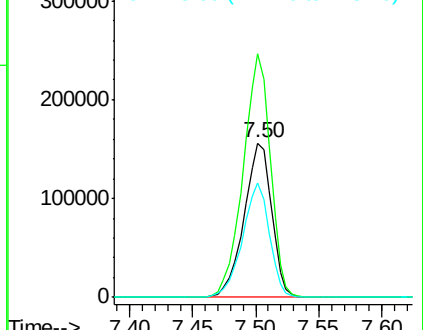
115 73.6 58.0 87.0



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: BE089848.D

Acq: 25 Mar 2015 22:08

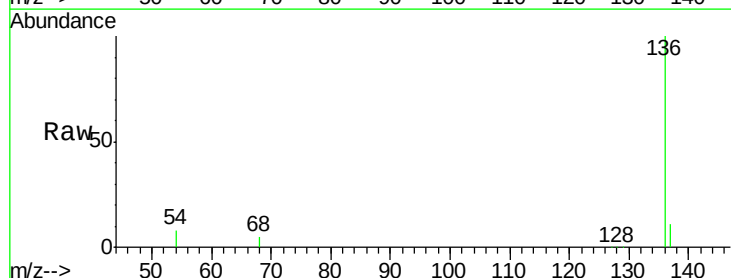
Tgt Ion:136 Resp: 944275

Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

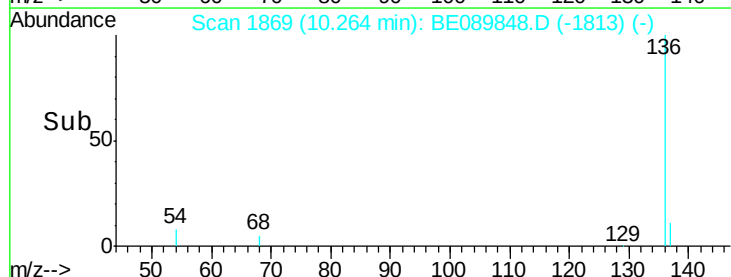
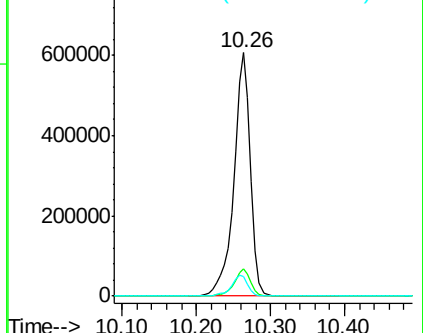
54 7.9 7.0 10.4

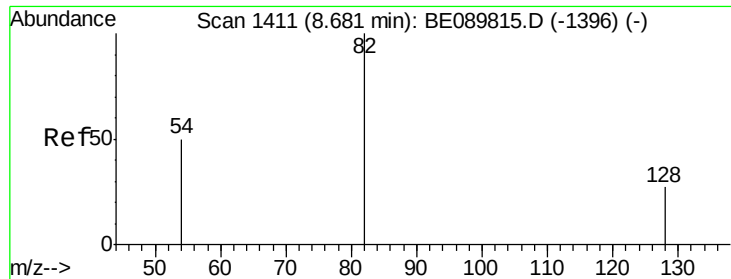


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

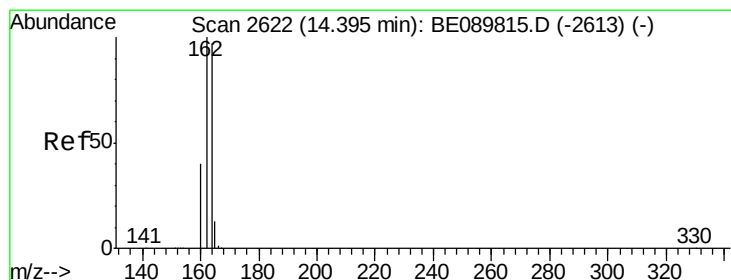
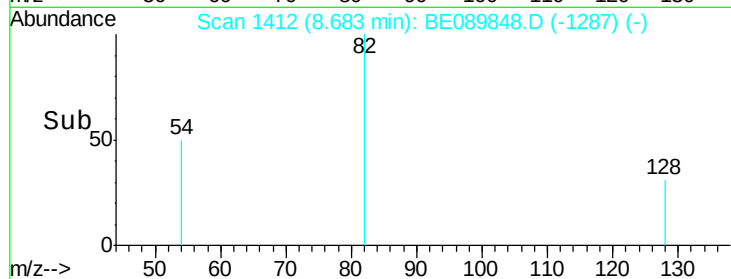
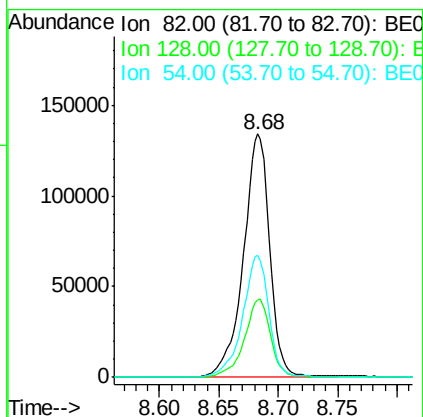
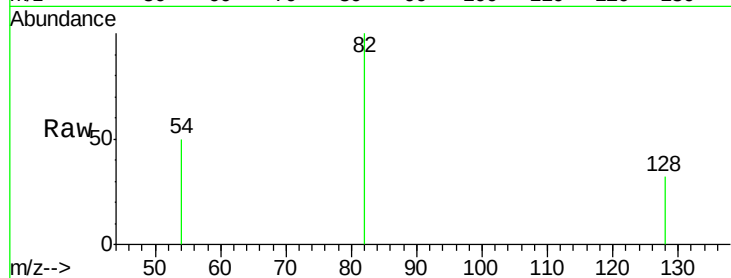




#5
 Nitrobenzene-d5
 Concen: 3.15 ng
 RT: 8.68 min Scan# 1412
 Delta R.T. 0.00 min
 Lab File: BE089848.D
 Acq: 25 Mar 2015 22:08

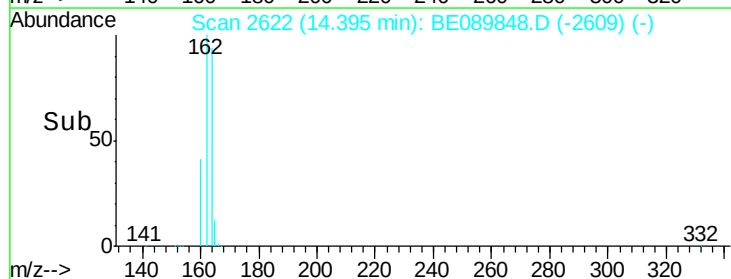
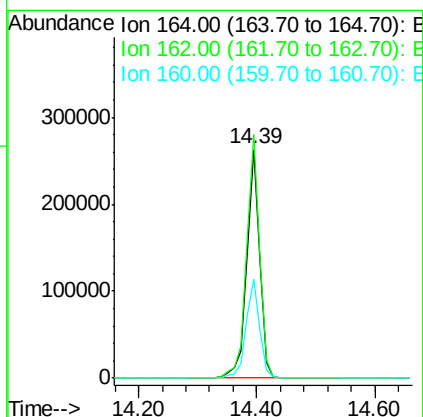
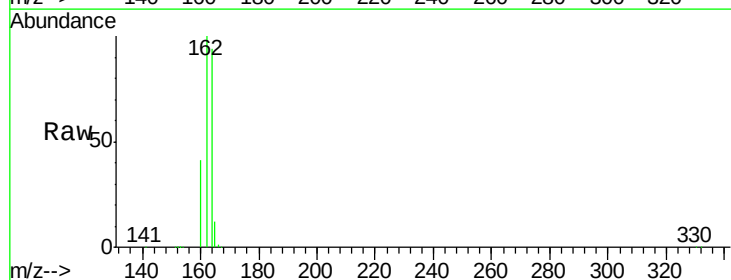
Instrument :
 BNA_E
 ClientSampleId :
 MW-24V

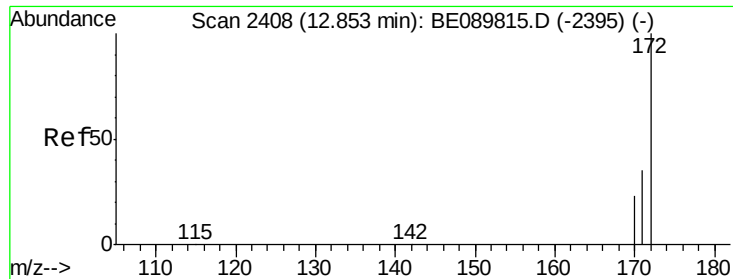
Tgt Ion: 82 Resp: 205241
 Ion Ratio Lower Upper
 82 100
 128 31.6 24.6 37.0
 54 50.0 43.0 64.6



#8
 Acenaphthene-d10
 Concen: 5.00 ng
 RT: 14.39 min Scan# 2622
 Delta R.T. 0.01 min
 Lab File: BE089848.D
 Acq: 25 Mar 2015 22:08

Tgt Ion: 164 Resp: 402721
 Ion Ratio Lower Upper
 164 100
 162 106.5 87.6 131.4
 160 43.2 36.7 55.1





#9

2-Fluorobiphenyl

Concen: 3.27 ng

RT: 12.85 min Scan# 2408

Delta R.T. 0.00 min

Lab File: BE089848.D

Acq: 25 Mar 2015 22:08

Instrument :

BNA_E

ClientSampleId :

MW-24V

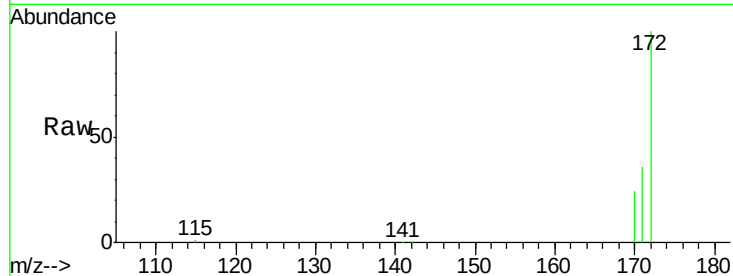
Tgt Ion:172 Resp: 308489

Ion Ratio Lower Upper

172 100

171 36.4 30.8 46.2

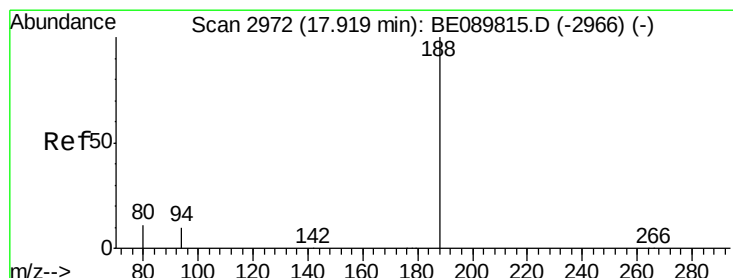
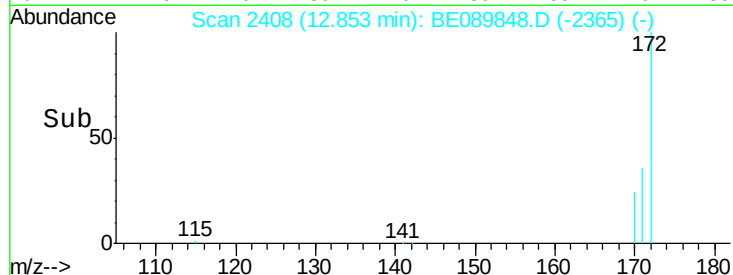
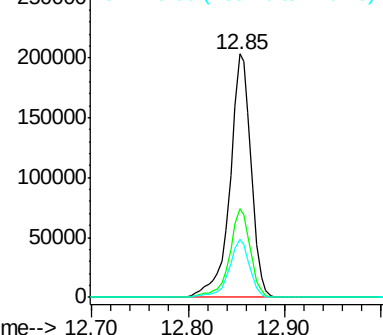
170 24.0 21.0 31.4



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: BE089848.D

Acq: 25 Mar 2015 22:08

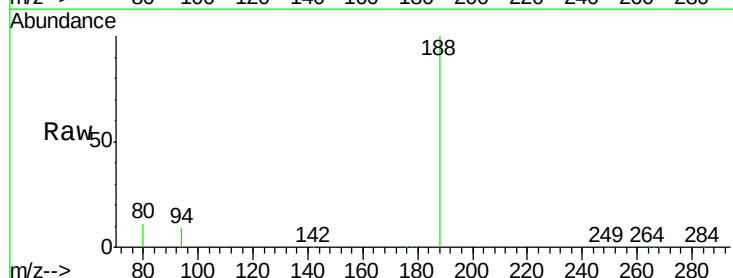
Tgt Ion:188 Resp: 660079

Ion Ratio Lower Upper

188 100

94 9.5 8.5 12.7

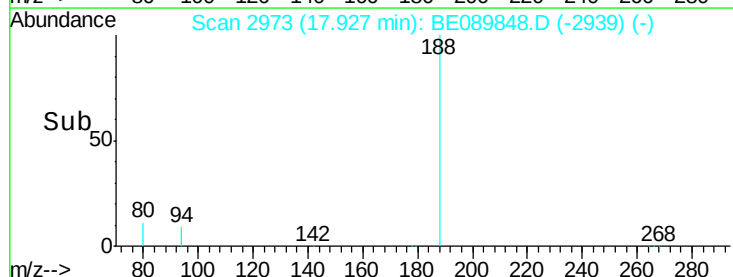
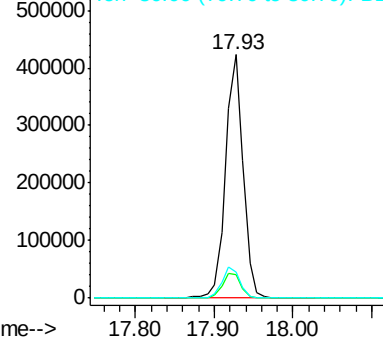
80 10.8 10.0 15.0

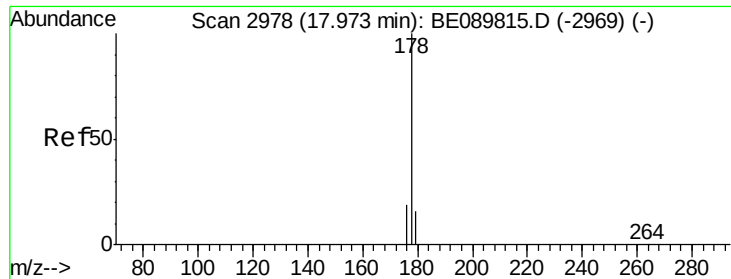


Abundance Ion 188.00 (187.70 to 188.70): E

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: 17.98 min Scan# 2979

Delta R.T. 0.01 min

Lab File: BE089848.D

Acq: 25 Mar 2015 22:08

Instrument :

BNA_E

ClientSampleId :

MW-24V

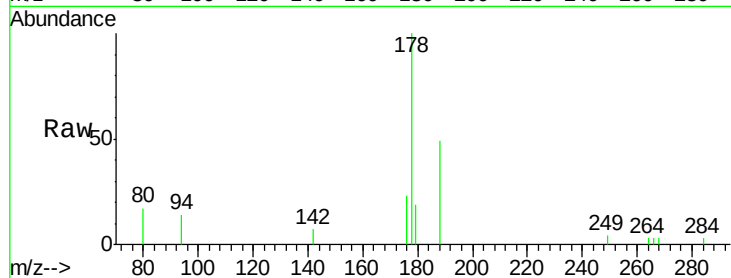
Tgt Ion:178 Resp: 3862

Ion Ratio Lower Upper

178 100

176 19.9 15.4 23.0

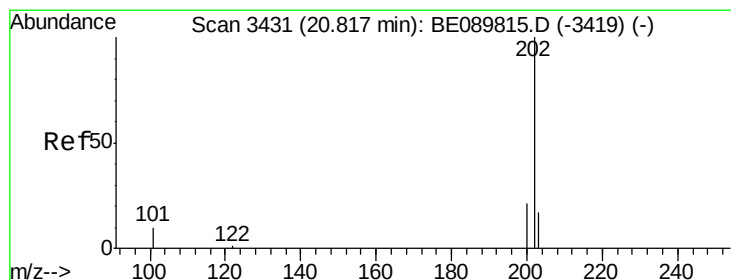
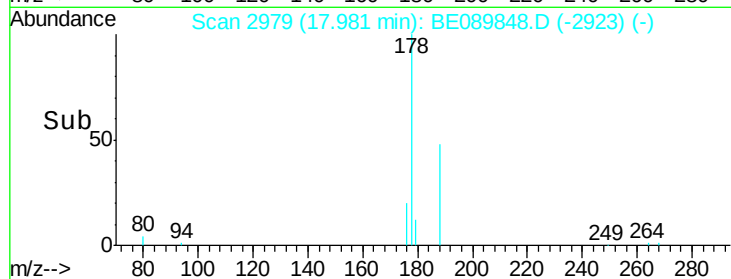
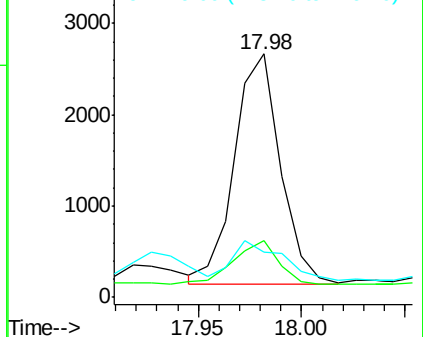
179 18.2 12.2 18.4



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



#18

Fluoranthene

Concen: 0.06 ng

RT: 20.83 min Scan# 3433

Delta R.T. 0.01 min

Lab File: BE089848.D

Acq: 25 Mar 2015 22:08

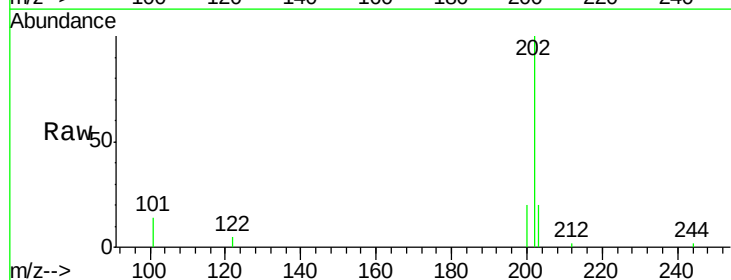
Tgt Ion:202 Resp: 8085

Ion Ratio Lower Upper

202 100

101 11.0 8.2 12.2

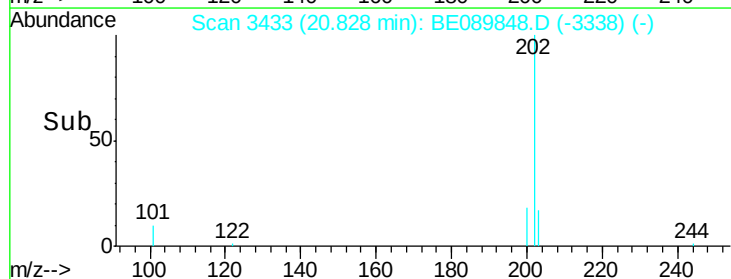
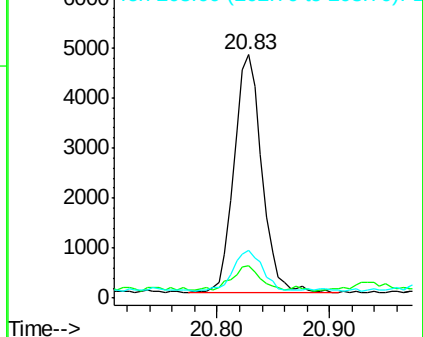
203 18.1 14.2 21.4

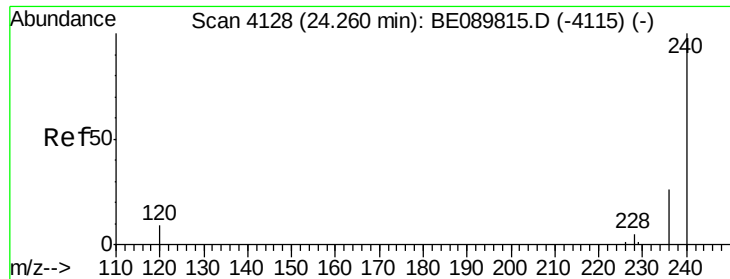


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#19

Chrysene-d12

Concen: 5.00 ng

RT: 24.27 min Scan# 4130

Delta R.T. 0.01 min

Lab File: BE089848.D

Acq: 25 Mar 2015 22:08

Instrument :

BNA_E

ClientSampleId :

MW-24V

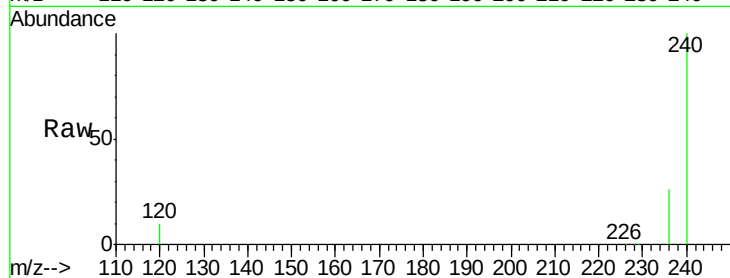
Tgt Ion:240 Resp: 592692

Ion Ratio Lower Upper

240 100

120 10.2 7.5 11.3

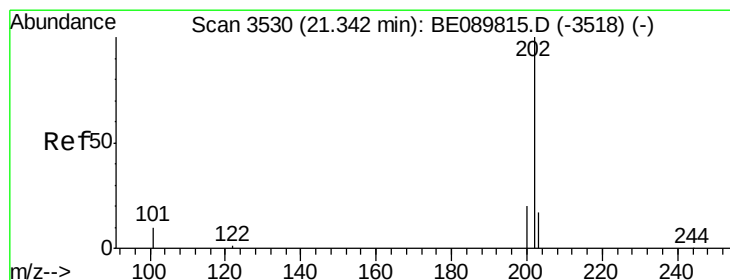
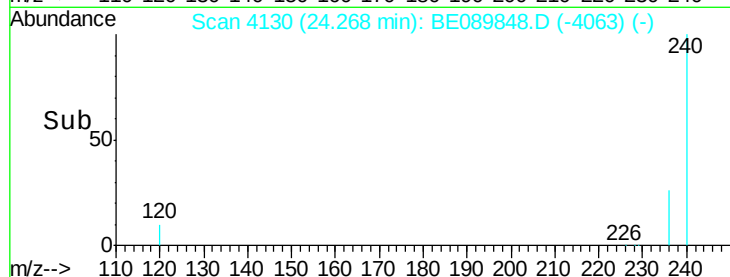
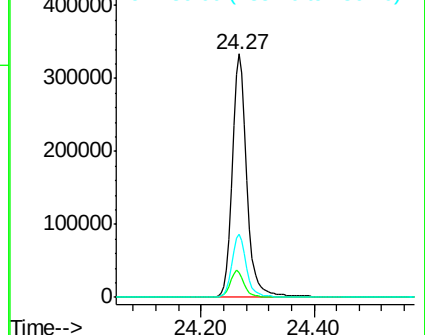
236 25.9 20.5 30.7



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



#20

Pyrene

Concen: 0.05 ng

RT: 21.35 min Scan# 3531

Delta R.T. 0.00 min

Lab File: BE089848.D

Acq: 25 Mar 2015 22:08

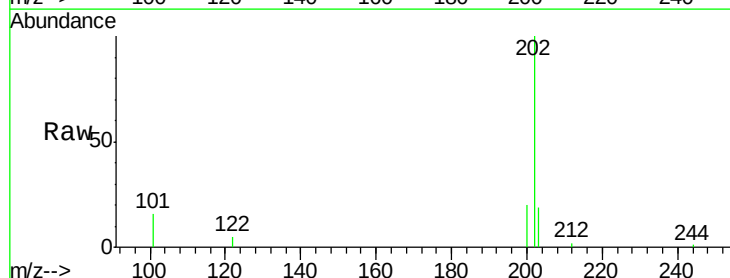
Tgt Ion:202 Resp: 7778

Ion Ratio Lower Upper

202 100

200 20.3 15.9 23.9

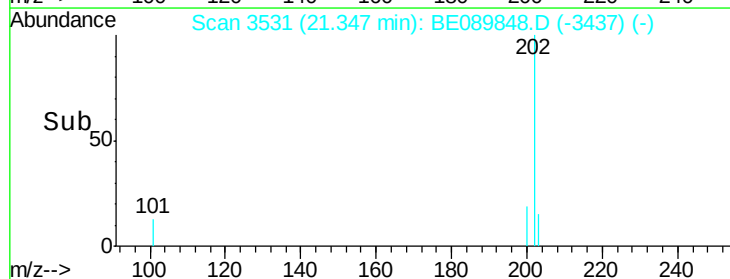
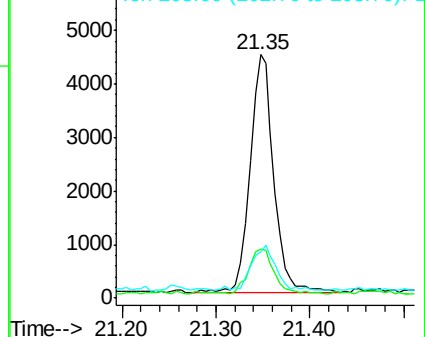
203 19.3 13.6 20.4

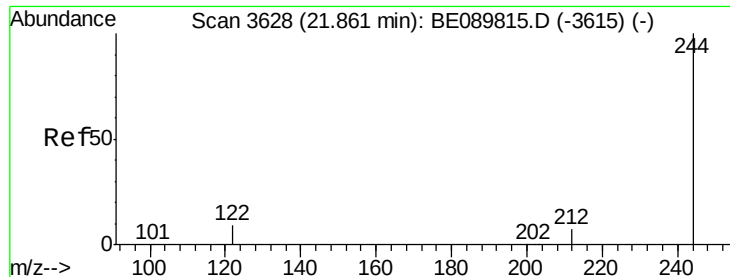


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

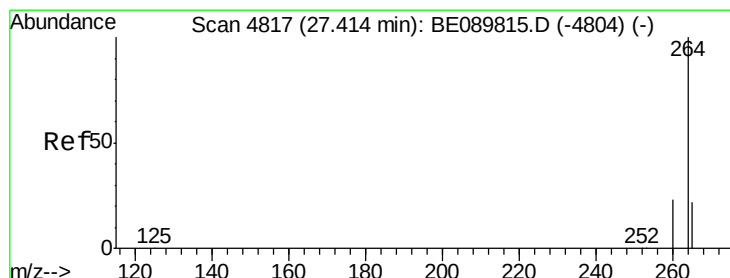
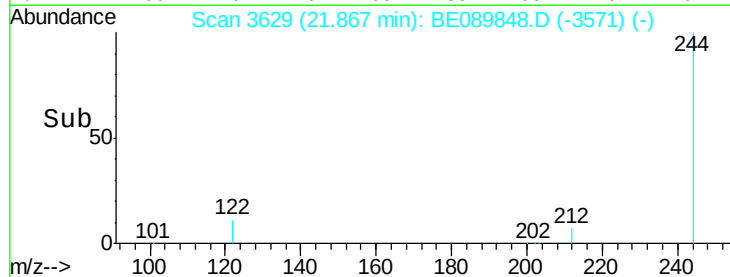
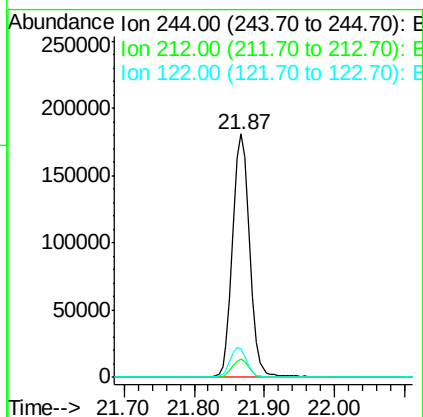
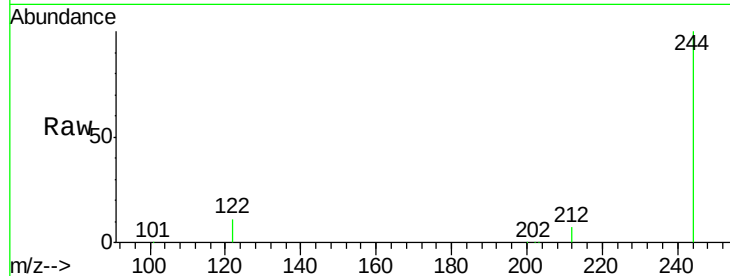




#21
 Terphenyl-d14
 Concen: 3.45 ng
 RT: 21.87 min Scan# 3629
 Delta R.T. 0.01 min
 Lab File: BE089848.D
 Acq: 25 Mar 2015 22:08

Instrument :
 BNA_E
 ClientSampleId :
 MW-24V

Tgt Ion: 244 Resp: 301798
 Ion Ratio Lower Upper
 244 100
 212 7.3 7.3 10.9
 122 11.5 10.5 15.7



#25
 Perylene-d12
 Concen: 5.00 ng
 RT: 27.42 min Scan# 4819
 Delta R.T. 0.01 min
 Lab File: BE089848.D
 Acq: 25 Mar 2015 22:08

Tgt Ion: 264 Resp: 557916
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.2 27.2
 265 21.6 17.3 25.9

