

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE120914\
 Data File : BE089194.D
 Acq On : 9 Dec 2014 19:17
 Operator : TP/JJ
 Sample : F5000-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 TW1

Quant Time: Dec 10 01:00:22 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

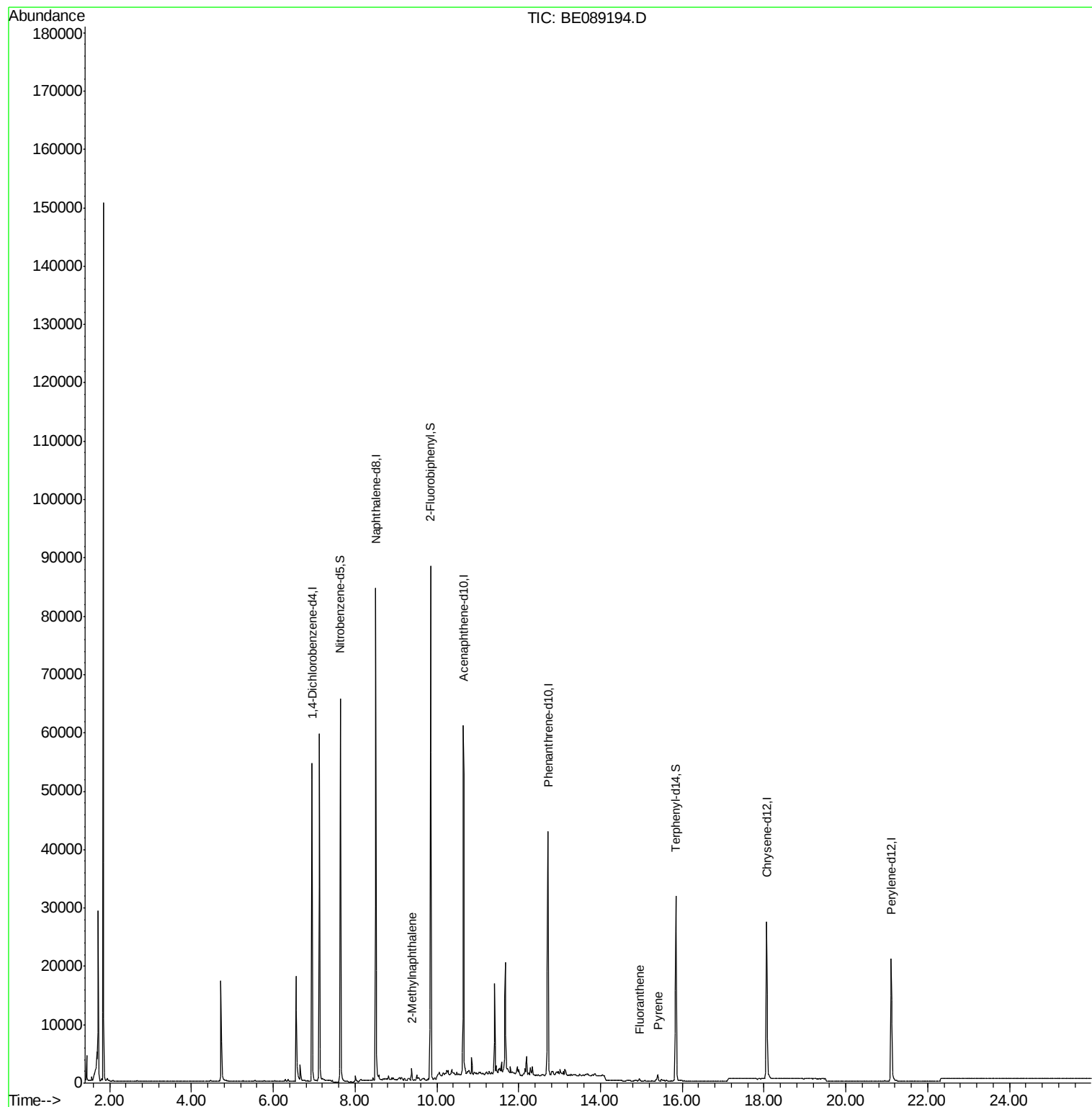
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	18404	5.00	ng	-0.02
3) Naphthalene-d8	8.51	136	71878	5.00	ng	-0.02
7) Acenaphthene-d10	10.65	164	34468	5.00	ng	-0.02
12) Phenanthrene-d10	12.72	188	49641	5.00	ng	-0.02
17) Chrysene-d12	18.06	240	34445	5.00	ng	-0.02
23) Perylene-d12	21.11	264	30210	5.00	ng	-0.03
System Monitoring Compounds						
4) Nitrobenzene-d5	7.64	82	34860	6.60	ng	-0.02
8) 2-Fluorobiphenyl	9.85	172	60527	6.35	ng	-0.01
19) Terphenyl-d14	15.85	244	42736	6.96	ng	-0.02
Target Compounds						Qvalue
6) 2-Methylnaphthalene	9.39	142	1227	0.13	ng	# 89
16) Fluoranthene	14.95	202	389	0.04	ng	96
18) Pyrene	15.40	202	1164	0.11	ng	99

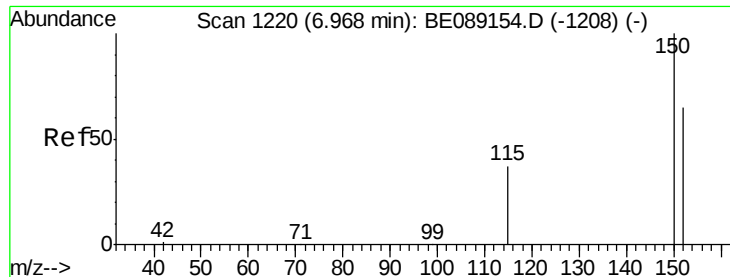
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE089194.D

Acq: 9 Dec 2014 19:17

Instrument :

BNA_E

ClientSampleId :

TW1

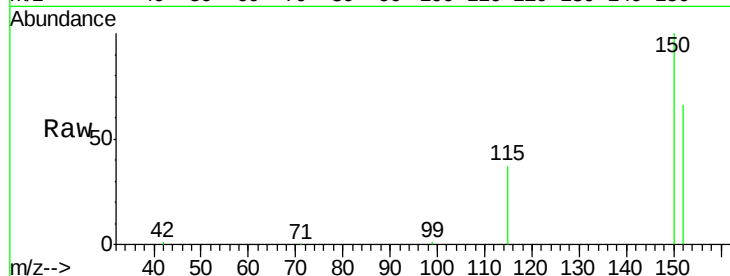
Tgt Ion:152 Resp: 18404

Ion Ratio Lower Upper

152 100

150 151.7 124.0 186.0

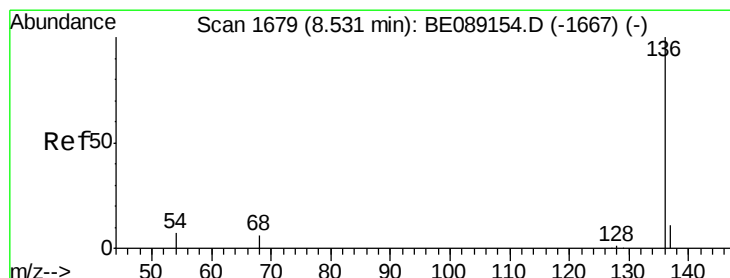
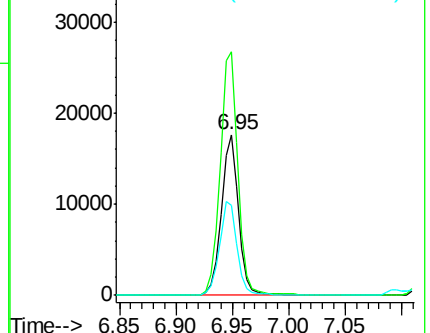
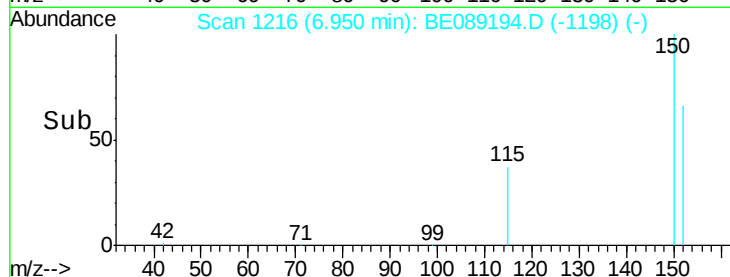
115 56.0 46.0 69.0



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: BE089194.D

Acq: 9 Dec 2014 19:17

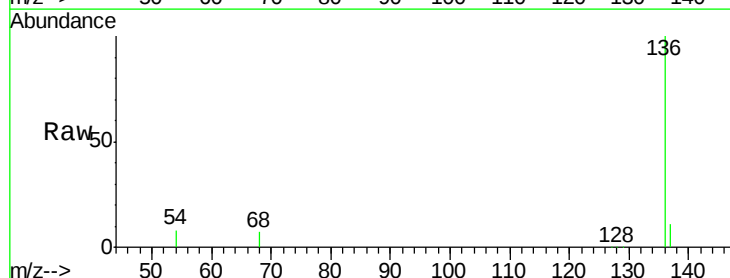
Tgt Ion:136 Resp: 71878

Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

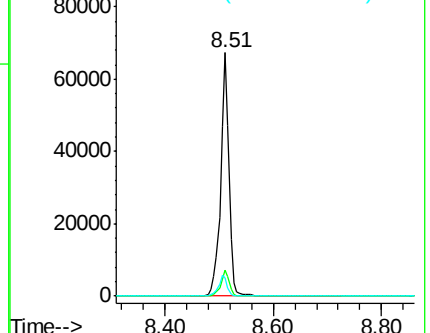
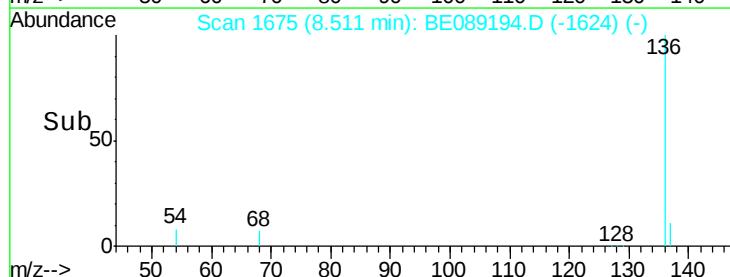
54 7.7 5.8 8.6

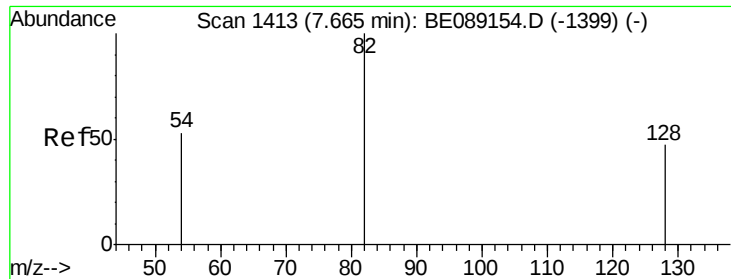


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

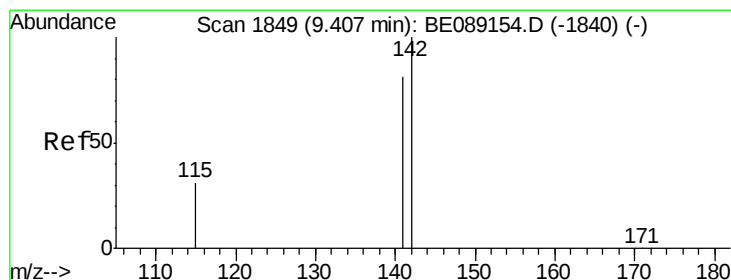
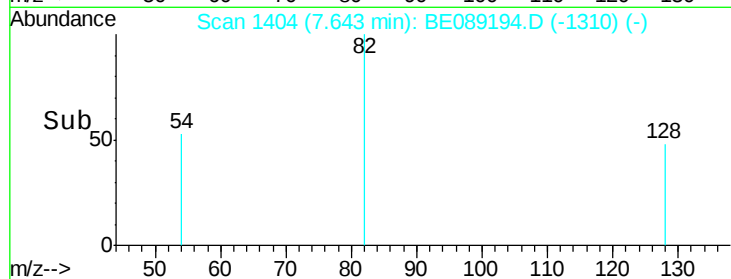
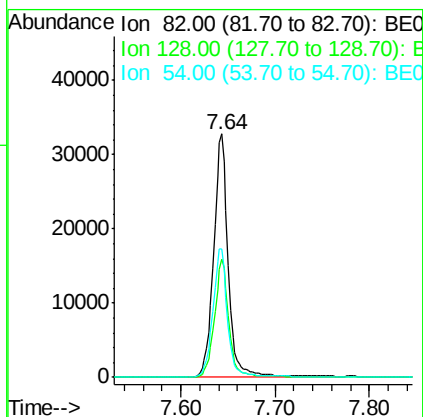
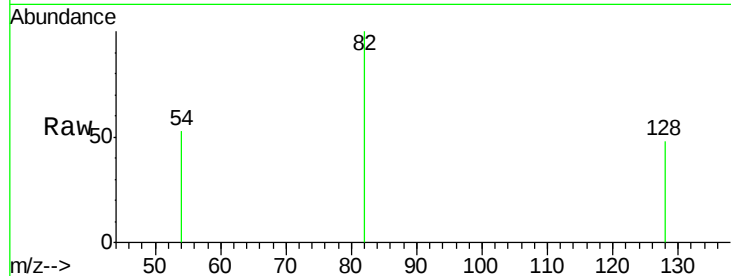




#4
 Nitrobenzene-d5
 Concen: 6.60 ng
 RT: 7.64 min Scan# 1404
 Delta R.T. -0.02 min
 Lab File: BE089194.D
 Acq: 9 Dec 2014 19:17

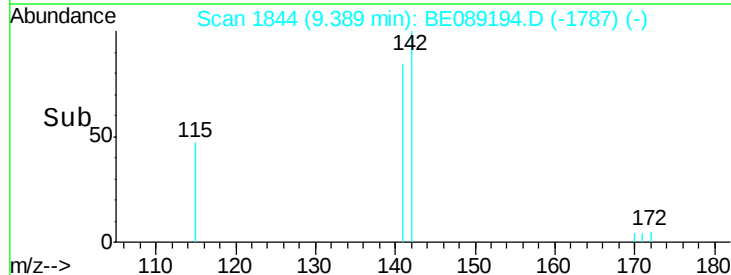
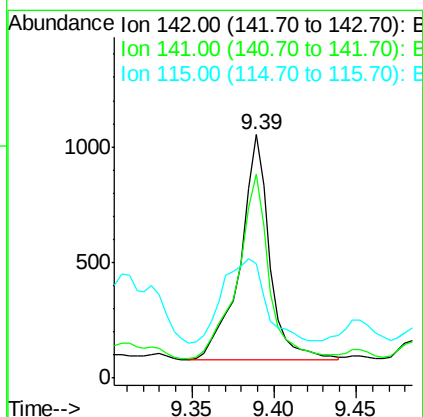
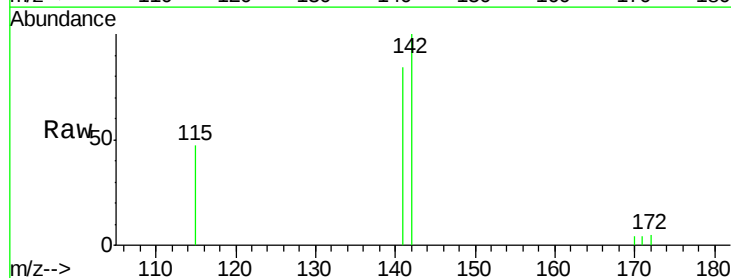
Instrument :
 BNA_E
 ClientSampleId :
 TW1

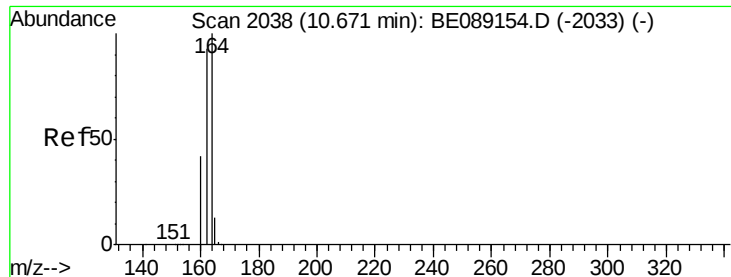
Tgt Ion: 82 Resp: 34860
 Ion Ratio Lower Upper
 82 100
 128 48.5 37.8 56.6
 54 52.6 43.0 64.4



#6
 2-Methylnaphthalene
 Concen: 0.13 ng
 RT: 9.39 min Scan# 1844
 Delta R.T. -0.02 min
 Lab File: BE089194.D
 Acq: 9 Dec 2014 19:17

Tgt Ion: 142 Resp: 1227
 Ion Ratio Lower Upper
 142 100
 141 83.9 64.2 96.4
 115 46.8 24.7 37.1#





#7

Acenaphthene-d10

Concen: 5.00 ng

RT: 10.65 min Scan# 2035

Delta R.T. -0.02 min

Lab File: BE089194.D

Acq: 9 Dec 2014 19:17

Instrument :

BNA_E

ClientSampleId :

TW1

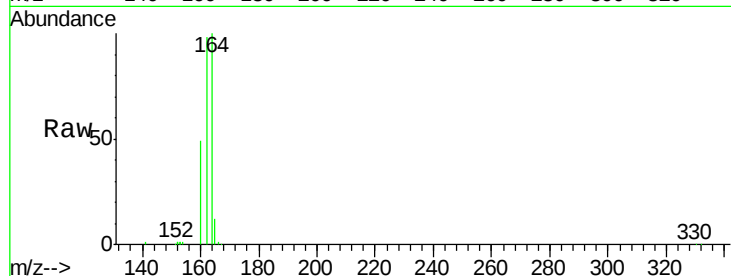
Tgt Ion:164 Resp: 34468

Ion Ratio Lower Upper

164 100

162 98.3 74.2 111.2

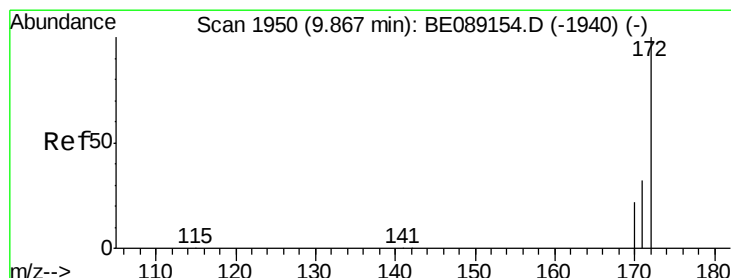
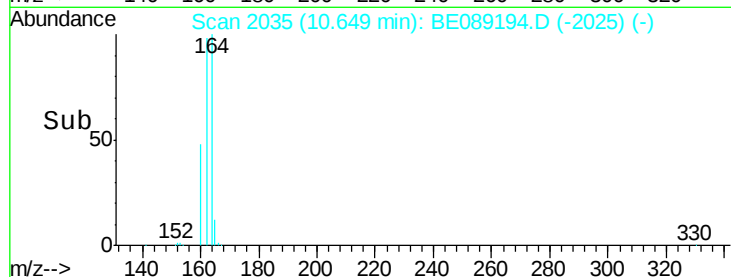
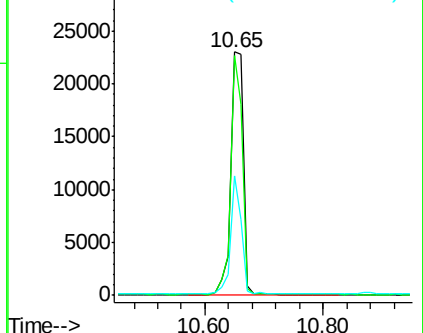
160 48.8 33.7 50.5



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: 6.35 ng

RT: 9.85 min Scan# 1946

Delta R.T. -0.01 min

Lab File: BE089194.D

Acq: 9 Dec 2014 19:17

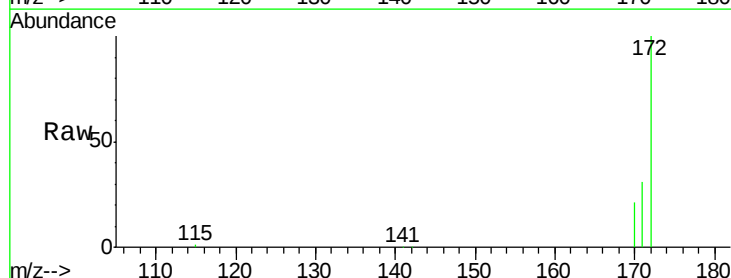
Tgt Ion:172 Resp: 60527

Ion Ratio Lower Upper

172 100

171 31.1 26.0 39.0

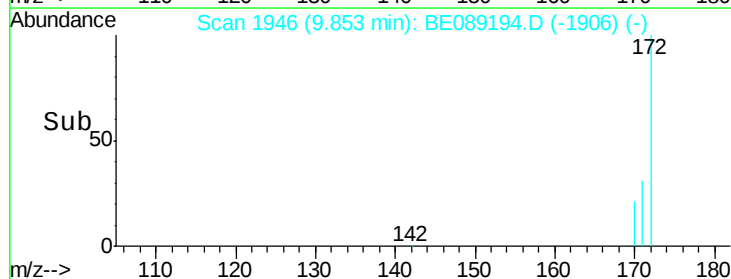
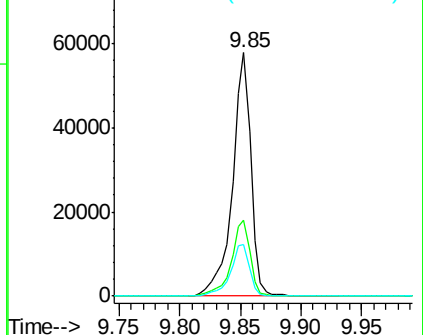
170 21.0 18.0 27.0

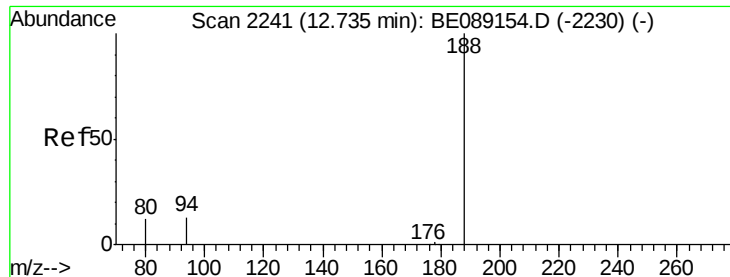


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#12

Phenanthrene-d10

Concen: 5.00 ng

RT: 12.72 min Scan# 2238

Delta R.T. -0.02 min

Lab File: BE089194.D

Acq: 9 Dec 2014 19:17

Instrument :

BNA_E

ClientSampleId :

TW1

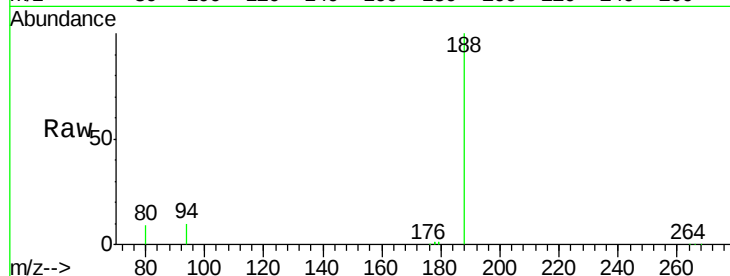
Tgt Ion:188 Resp: 49641

Ion Ratio Lower Upper

188 100

94 10.1 10.6 16.0#

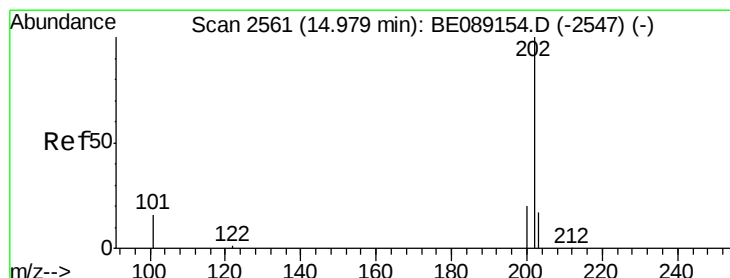
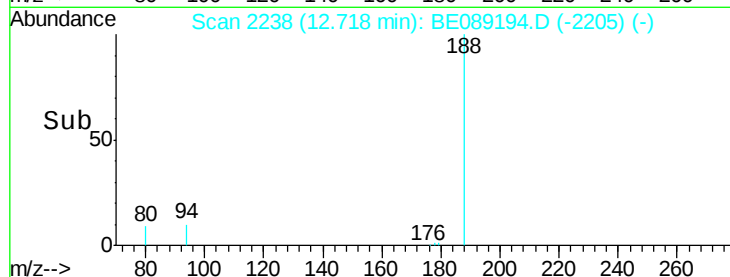
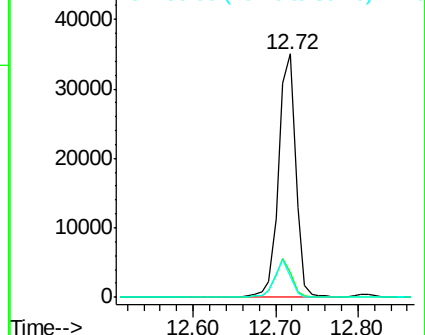
80 8.8 9.9 14.9#



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



#16

Fluoranthene

Concen: 0.04 ng

RT: 14.95 min Scan# 2555

Delta R.T. -0.03 min

Lab File: BE089194.D

Acq: 9 Dec 2014 19:17

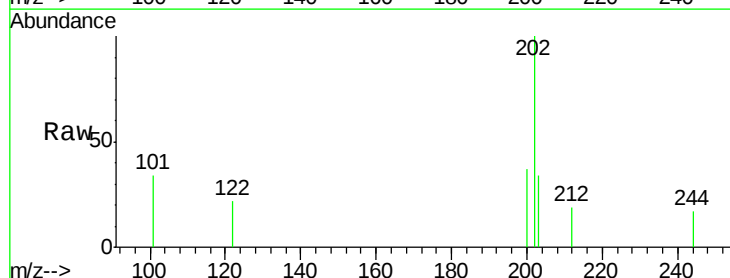
Tgt Ion:202 Resp: 389

Ion Ratio Lower Upper

202 100

101 17.5 13.3 19.9

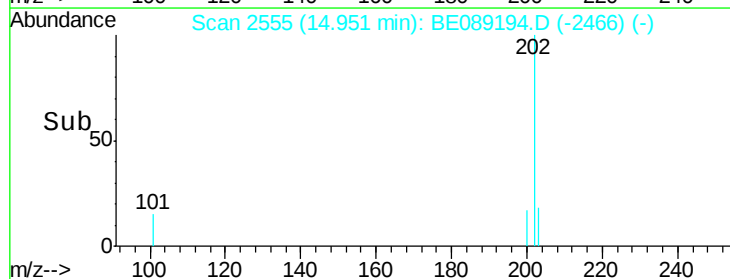
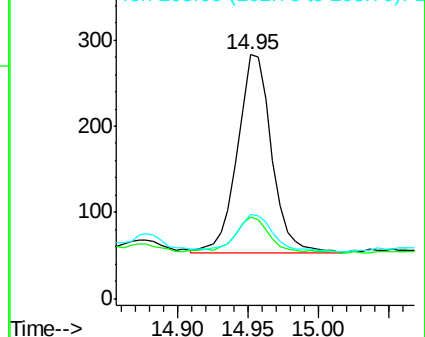
203 19.5 13.7 20.5

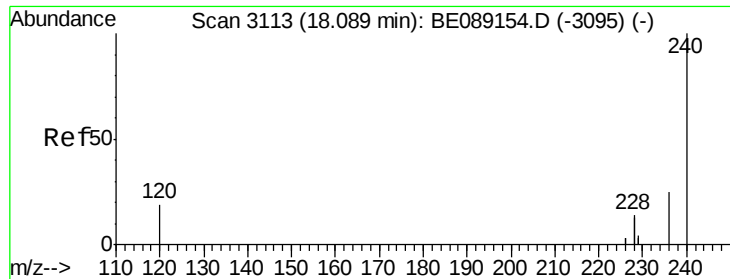


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

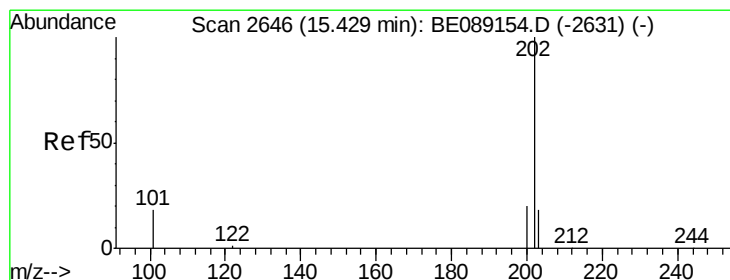
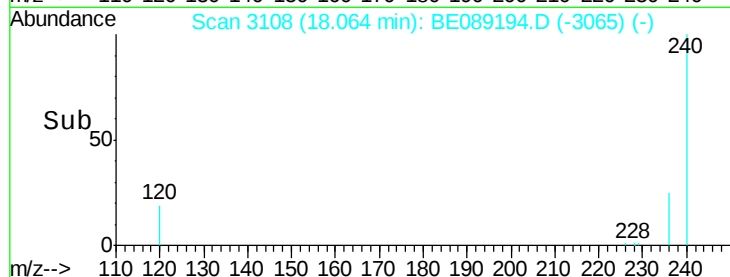
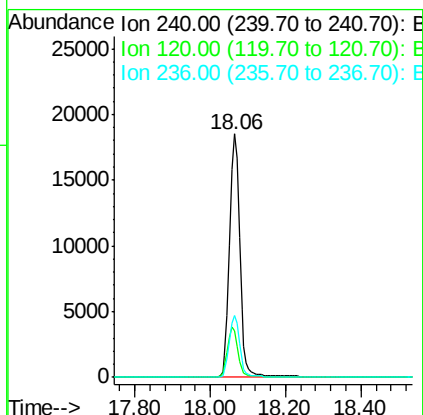
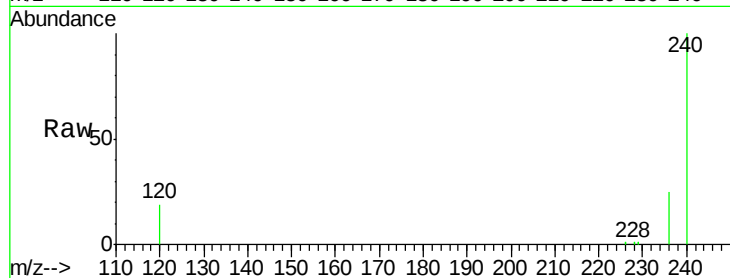




#17
Chrysene-d12
Concen: 5.00 ng
RT: 18.06 min Scan# 3108
Delta R.T. -0.02 min
Lab File: BE089194.D
Acq: 9 Dec 2014 19:17

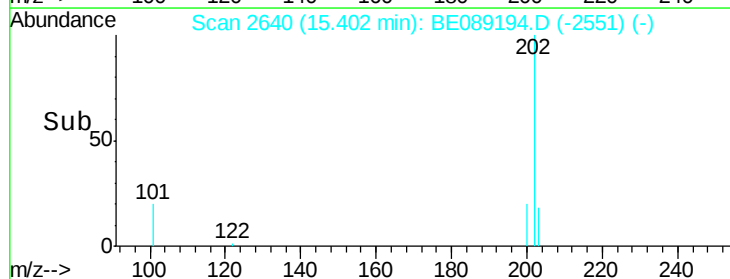
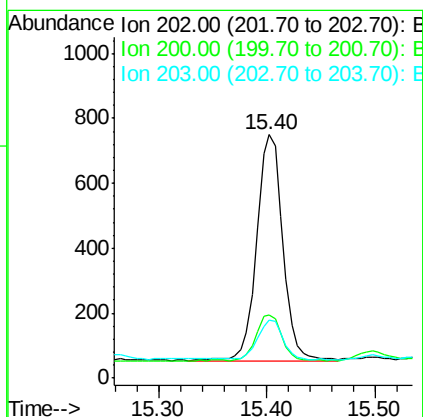
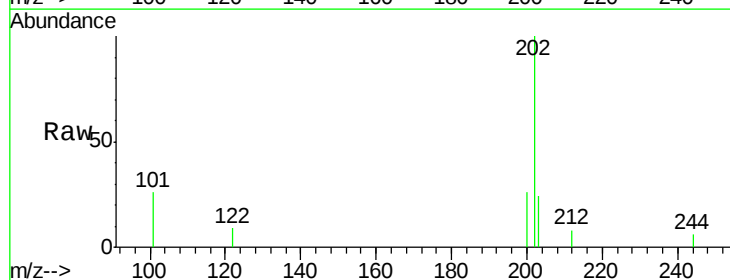
Instrument :
BNA_E
ClientSampleId :
TW1

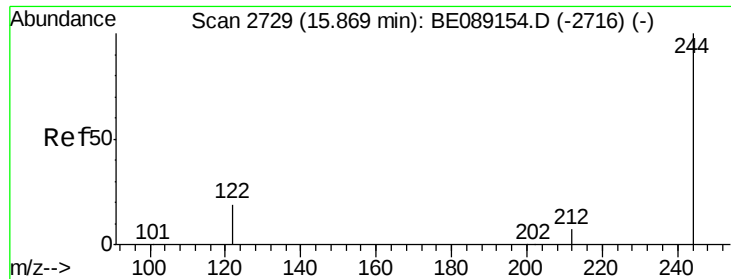
Tgt Ion:240 Resp: 34445
Ion Ratio Lower Upper
240 100
120 18.9 15.5 23.3
236 25.4 20.3 30.5



#18
Pyrene
Concen: 0.11 ng
RT: 15.40 min Scan# 2640
Delta R.T. -0.03 min
Lab File: BE089194.D
Acq: 9 Dec 2014 19:17

Tgt Ion:202 Resp: 1164
Ion Ratio Lower Upper
202 100
200 20.1 16.2 24.2
203 16.9 14.0 21.0





#19

Terphenyl-d14

Concen: 6.96 ng

RT: 15.85 min Scan# 2724

Delta R.T. -0.02 min

Lab File: BE089194.D

Acq: 9 Dec 2014 19:17

Instrument :

BNA_E

ClientSampleId :

TW1

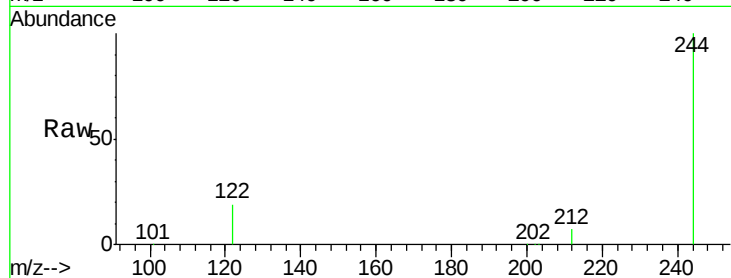
Tgt Ion:244 Resp: 42736

Ion Ratio Lower Upper

244 100

212 7.1 6.2 9.2

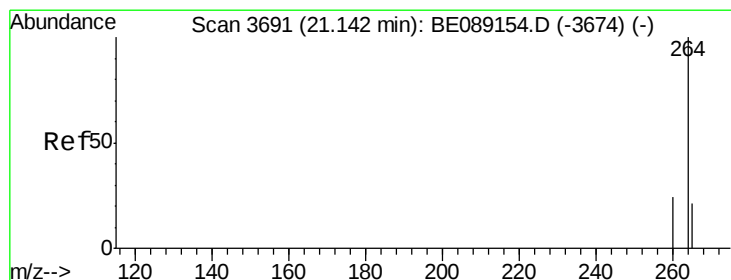
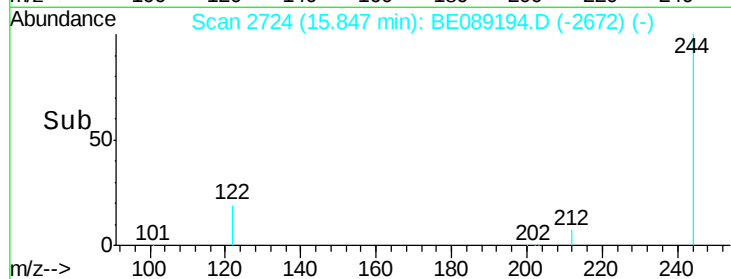
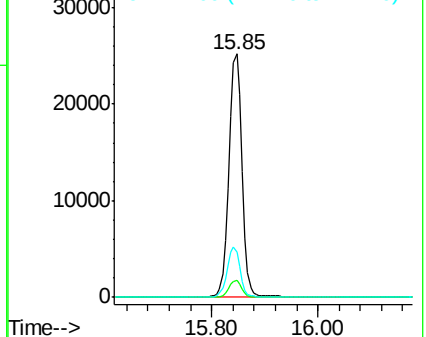
122 18.8 16.2 24.2



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# 3683

Delta R.T. -0.03 min

Lab File: BE089194.D

Acq: 9 Dec 2014 19:17

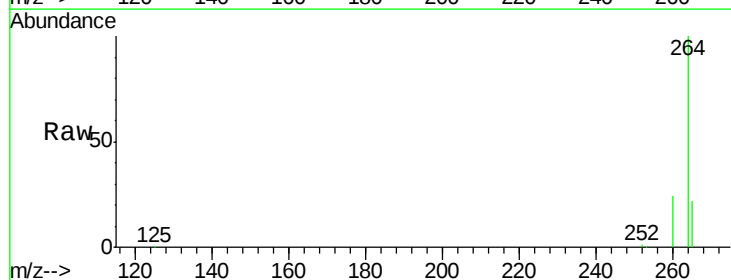
Tgt Ion:264 Resp: 30210

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 21.6 17.2 25.8



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

