

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102414\
 Data File : BE088220.D
 Acq On : 24 Oct 2014 19:30
 Operator : TP/JJ
 Sample : F4372-18
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 YS19-EB01-101714-SD

Quant Time: Oct 27 13:26:12 2014
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-PAH-BE102414.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 27 13:04:40 2014
 Response via : Initial Calibration

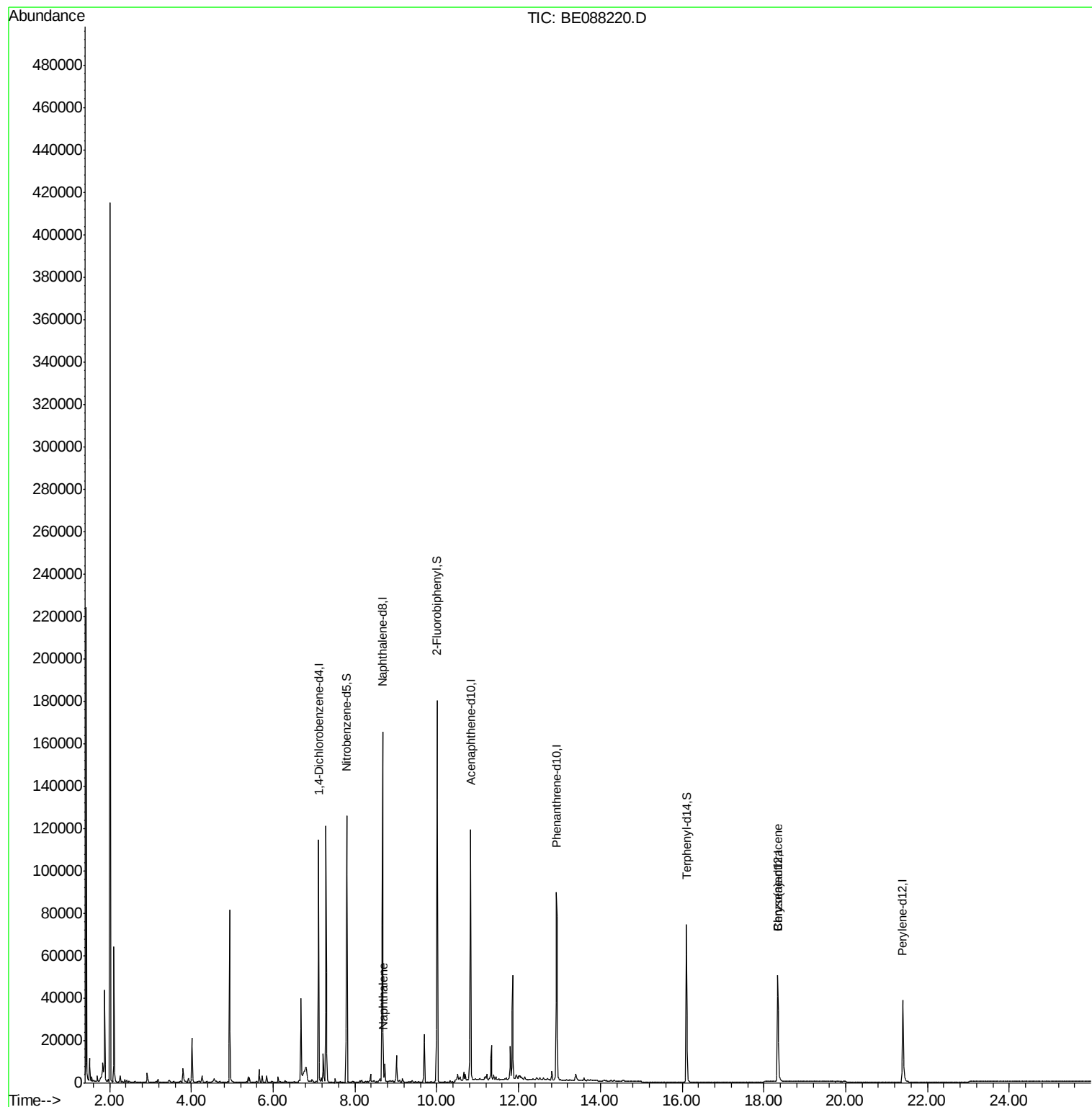
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.11	152	38624	5.00	ng	0.00
3) Naphthalene-d8	8.68	136	146606	5.00	ng	0.00
7) Acenaphthene-d10	10.82	164	67133	5.00	ng	0.00
12) Phenanthrene-d10	12.94	188	117927	5.00	ng	0.00
16) Chrysene-d12	18.34	240	64661	5.00	ng	0.00
22) Perylene-d12	21.40	264	55946	5.00	ng	0.00
System Monitoring Compounds						
4) Nitrobenzene-d5	7.80	82	70798	6.50	ng	0.00
8) 2-Fluorobiphenyl	10.01	172	121211	6.47	ng	0.00
18) Terphenyl-d14	16.11	244	99052	9.35	ng	0.00
Target Compounds						
5) Naphthalene	8.70	128	1572	0.05	ng	# 87
19) Benzo(a)anthracene	18.34	228	1277	0.03	ng	# 65

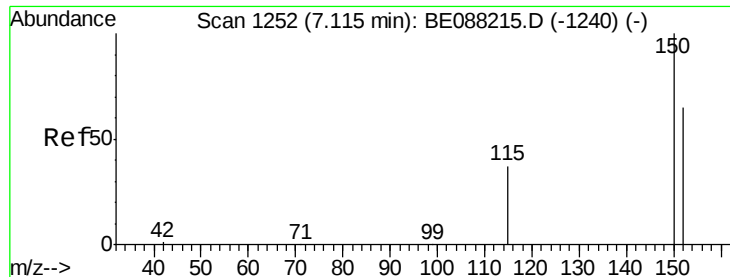
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.11 min Scan# 1252

Delta R.T. -0.00 min

Lab File: BE088220.D

Acq: 24 Oct 2014 19:30

Instrument :

BNA_E

ClientSampleId :

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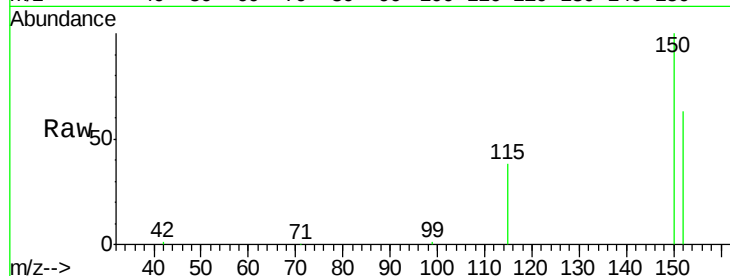
Tgt Ion:152 Resp: 38624

Ion Ratio Lower Upper

152 100

150 158.8 123.2 184.8

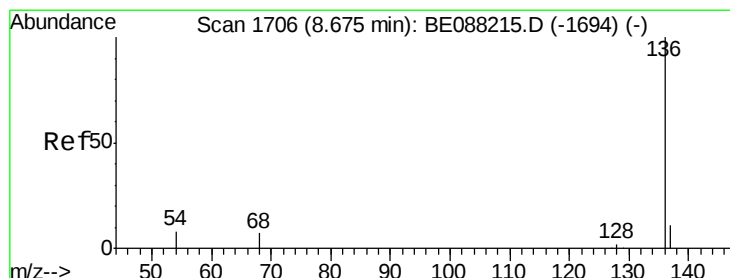
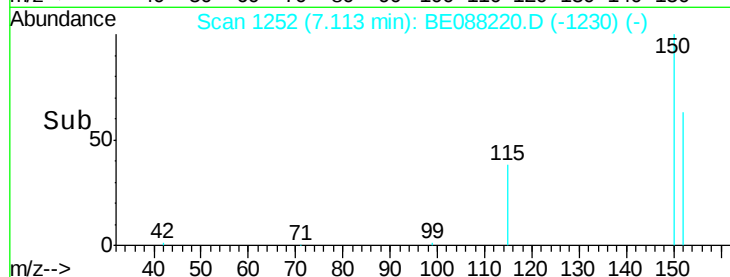
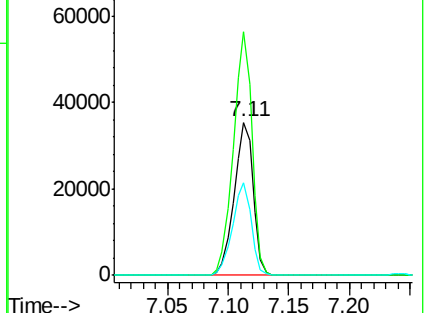
115 60.4 45.3 67.9



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: 8.68 min Scan# 1707

Delta R.T. 0.00 min

Lab File: BE088220.D

Acq: 24 Oct 2014 19:30

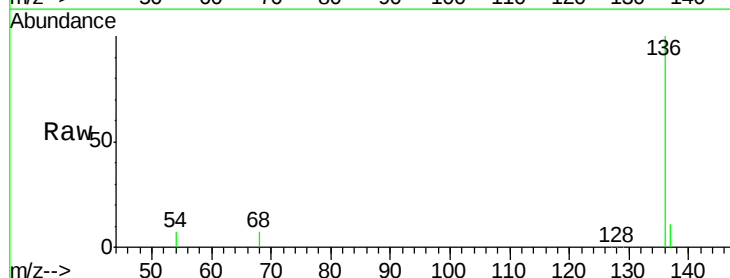
Tgt Ion:136 Resp: 146606

Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

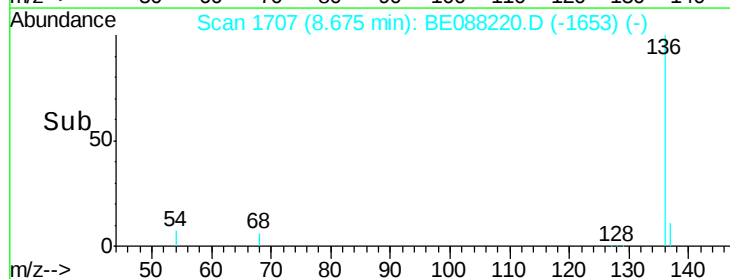
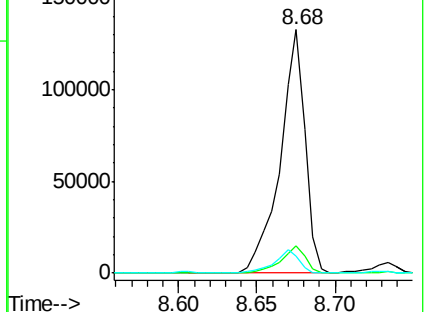
54 6.9 6.1 9.1

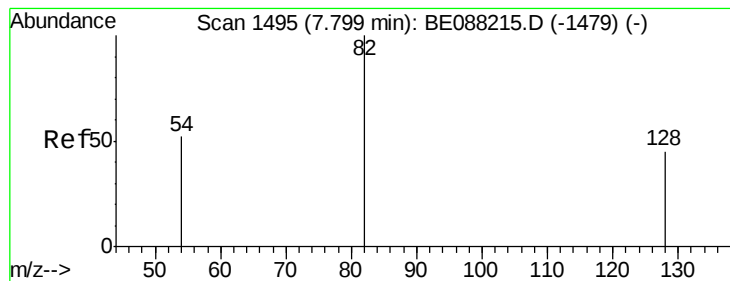


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0





#4

Nitrobenzene-d5

Concen: 6.50 ng

RT: 7.80 min Scan# 1496

Delta R.T. 0.00 min

Lab File: BE088220.D

Acq: 24 Oct 2014 19:30

Instrument :

BNA_E

ClientSampleId :

YS19-EB01-101714-SD

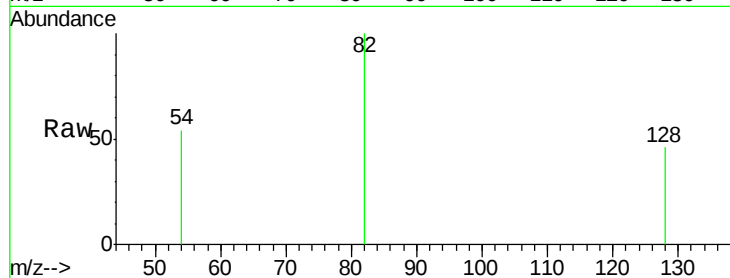
Tgt Ion: 82 Resp: 70798

Ion Ratio Lower Upper

82 100

128 45.7 36.2 54.2

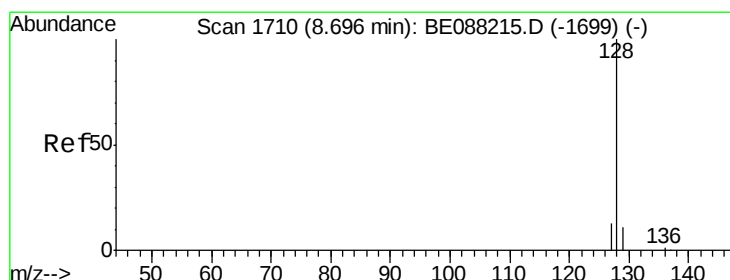
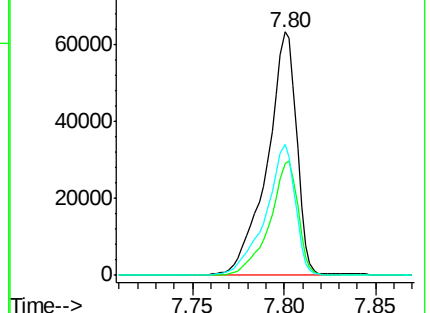
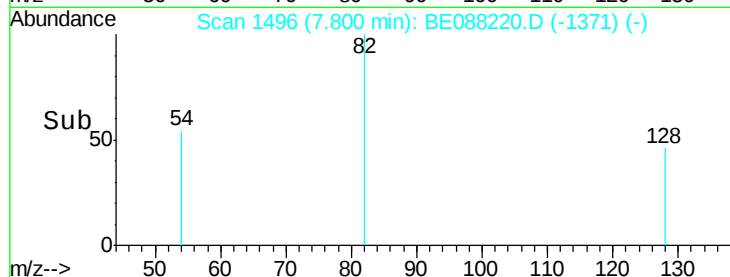
54 53.7 41.8 62.8



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



#5

Naphthalene

Concen: 0.05 ng

RT: 8.70 min Scan# 1711

Delta R.T. 0.00 min

Lab File: BE088220.D

Acq: 24 Oct 2014 19:30

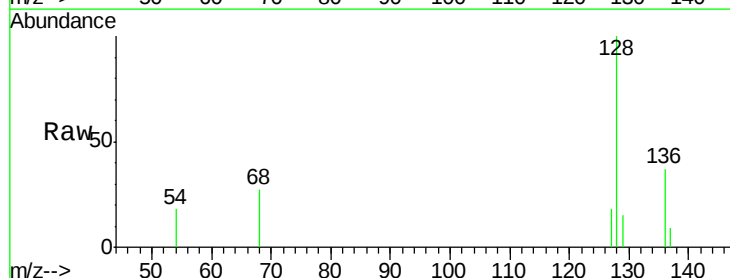
Tgt Ion: 128 Resp: 1572

Ion Ratio Lower Upper

128 100

129 15.1 8.6 12.8#

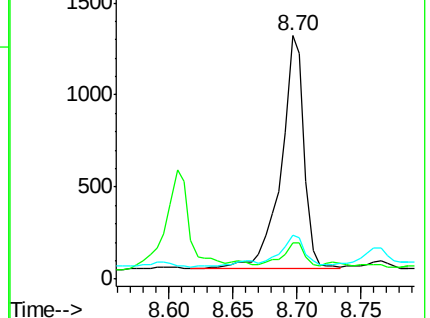
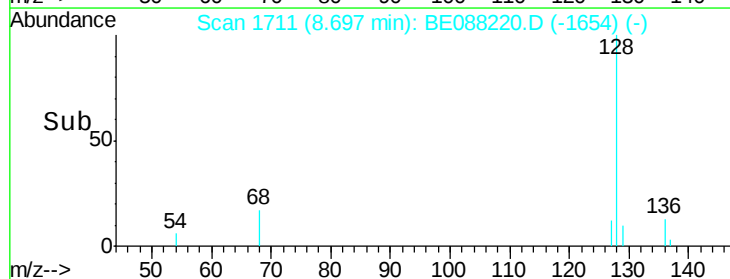
127 18.2 10.4 15.6#

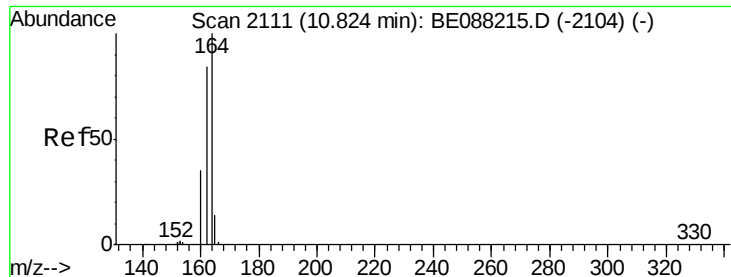


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#7

Acenaphthene-d10

Concen: 5.00 ng

RT: 10.82 min Scan# 2112

Delta R.T. 0.00 min

Lab File: BE088220.D

Acq: 24 Oct 2014 19:30

Instrument :

BNA_E

ClientSampleId :

YS19-EB01-101714-SD

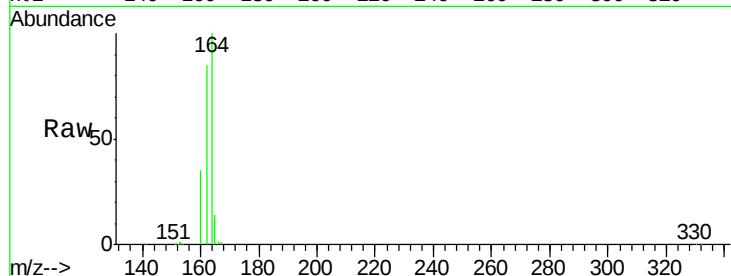
Tgt Ion:164 Resp: 67133

Ion Ratio Lower Upper

164 100

162 84.7 67.4 101.0

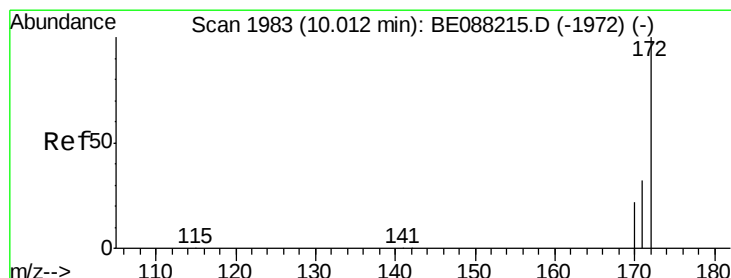
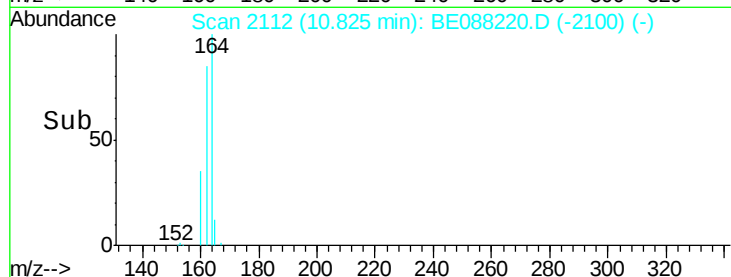
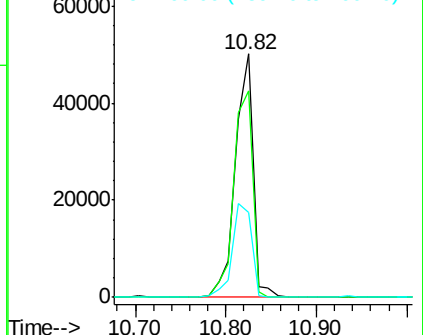
160 34.8 27.7 41.5



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: 6.47 ng

RT: 10.01 min Scan# 1984

Delta R.T. 0.00 min

Lab File: BE088220.D

Acq: 24 Oct 2014 19:30

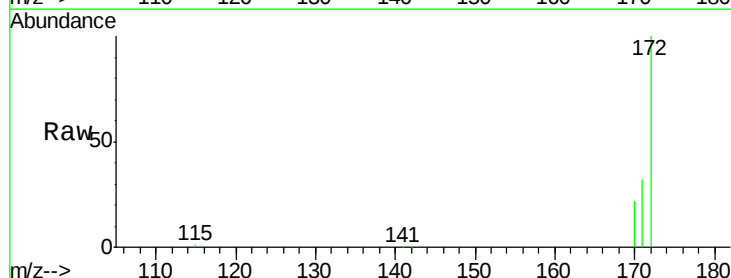
Tgt Ion:172 Resp: 121211

Ion Ratio Lower Upper

172 100

171 32.1 25.8 38.6

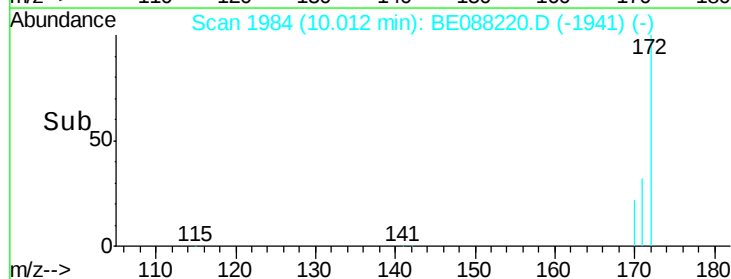
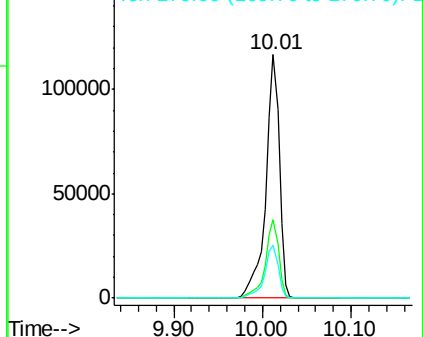
170 21.8 17.4 26.0

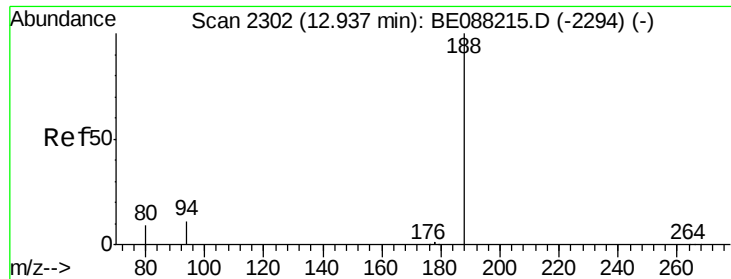


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

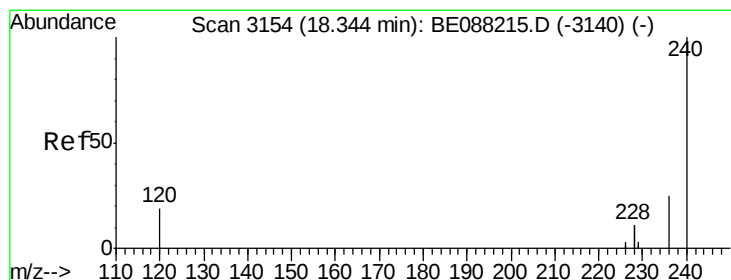
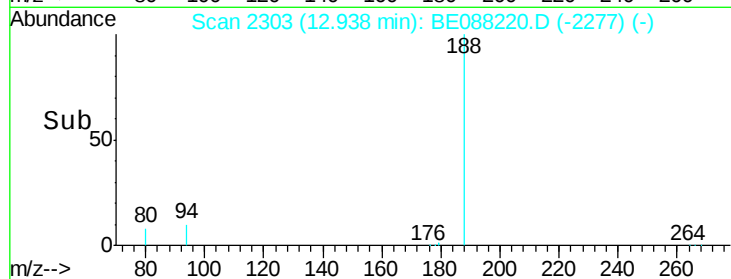
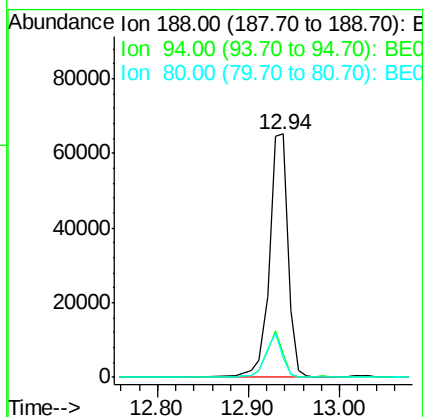
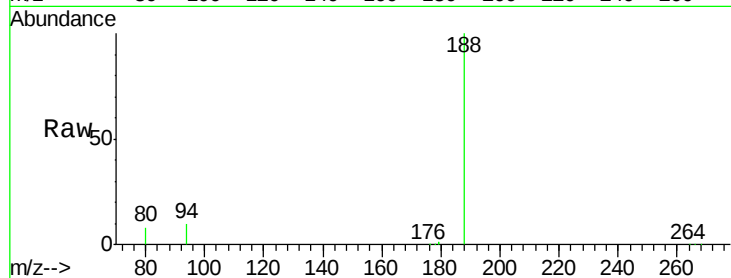




#12
Phenanthrene-d10
Concen: 5.00 ng
RT: 12.94 min Scan# 2303
Delta R.T. 0.00 min
Lab File: BE088220.D
Acq: 24 Oct 2014 19:30

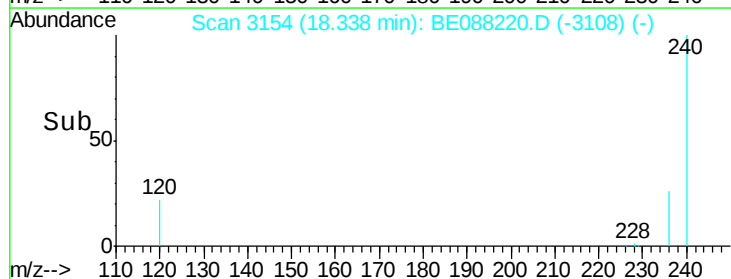
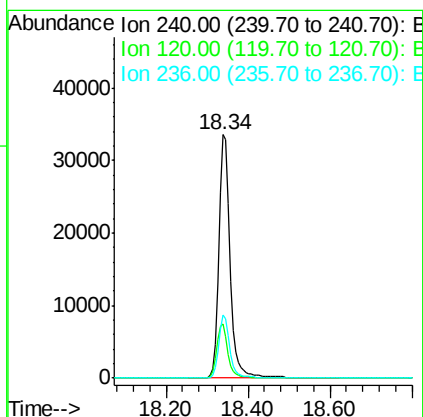
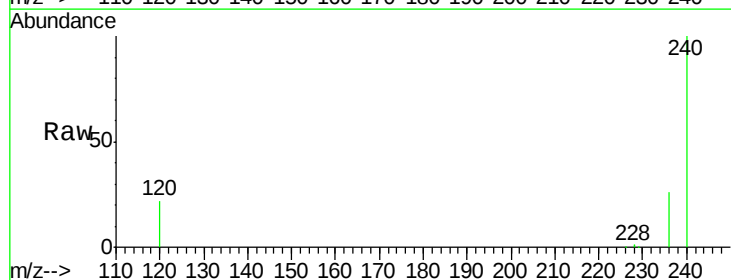
Instrument :
BNA_E
ClientSampleId :
YS19-EB01-101714-SD

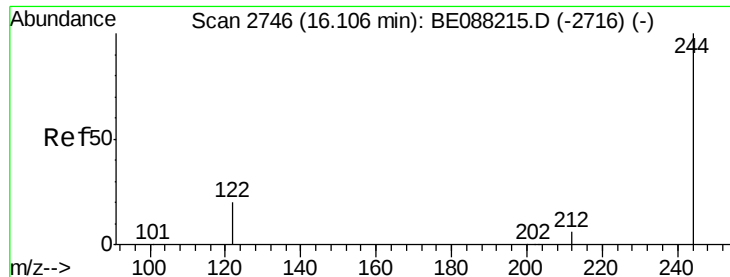
Tgt Ion:188 Resp: 117927
Ion Ratio Lower Upper
188 100
94 9.5 8.5 12.7
80 8.1 7.4 11.0



#16
Chrysene-d12
Concen: 5.00 ng
RT: 18.34 min Scan# 3154
Delta R.T. -0.01 min
Lab File: BE088220.D
Acq: 24 Oct 2014 19:30

Tgt Ion:240 Resp: 64661
Ion Ratio Lower Upper
240 100
120 22.0 15.1 22.7
236 25.7 20.1 30.1





#18

Terphenyl-d14

Concen: 9.35 ng

RT: 16.11 min Scan# 2748

Delta R.T. 0.00 min

Lab File: BE088220.D

Acq: 24 Oct 2014 19:30

Instrument :

BNA_E

ClientSampleId :

YS19-EB01-101714-SD

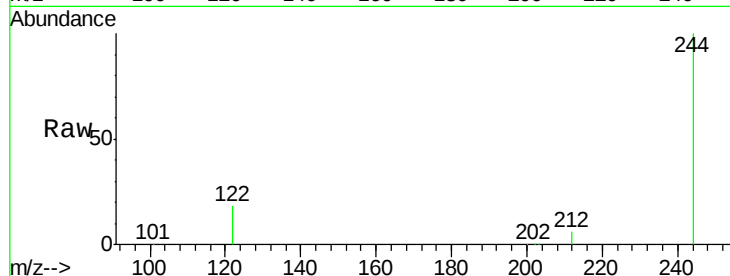
Tgt Ion:244 Resp: 99052

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.2

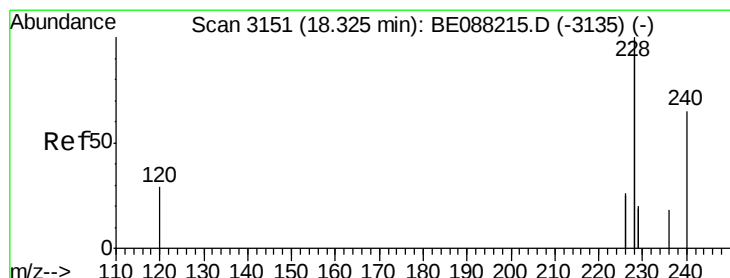
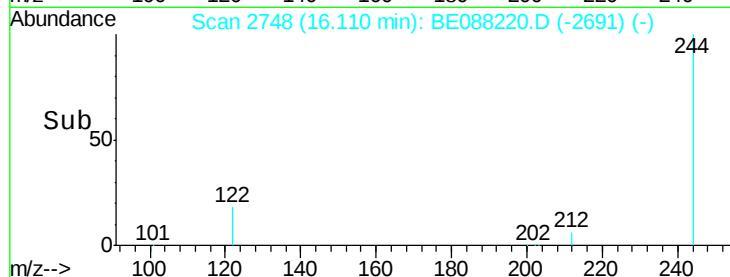
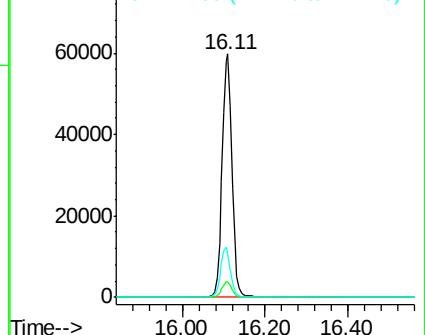
122 18.0 16.7 25.1



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



#19

Benzo(a)anthracene

Concen: 0.03 ng

RT: 18.34 min Scan# 3154

Delta R.T. 0.01 min

Lab File: BE088220.D

Acq: 24 Oct 2014 19:30

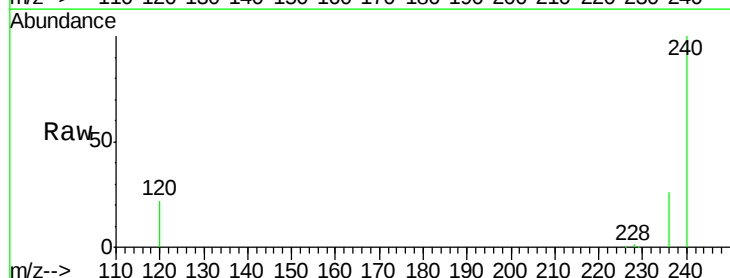
Tgt Ion:228 Resp: 1277

Ion Ratio Lower Upper

228 100

226 35.5 20.5 30.7#

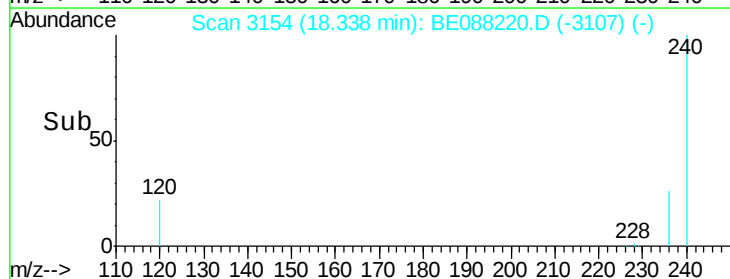
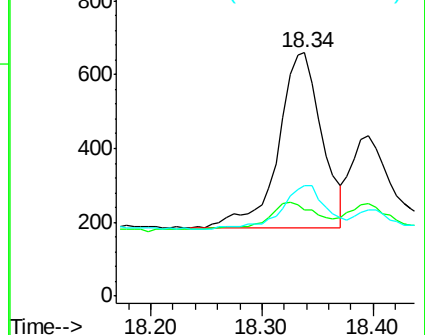
229 45.5 16.1 24.1#

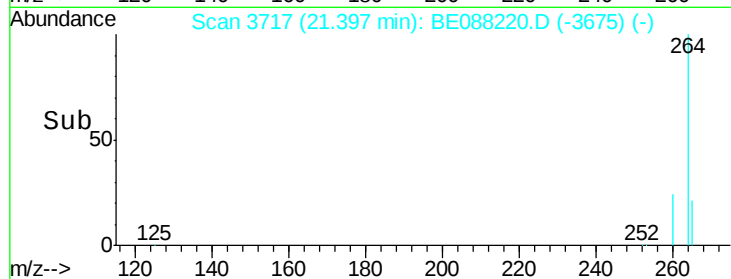
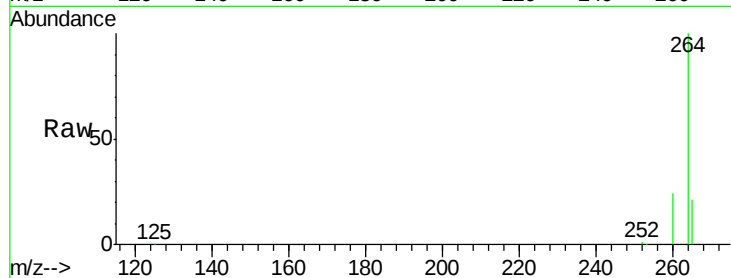
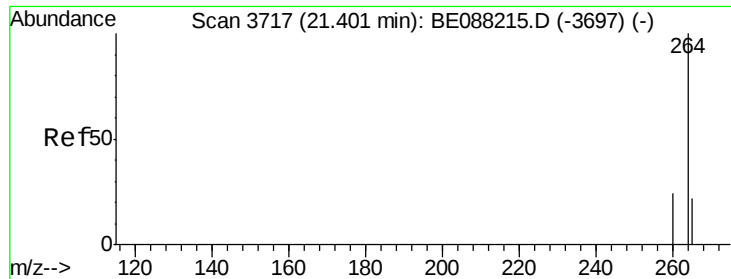


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#22

Perylene-d12

Concen: 5.00 ng

RT: 21.40 min Scan# 3717

Delta R.T. -0.00 min

Lab File: BE088220.D

Acq: 24 Oct 2014 19:30

Instrument :

BNA_E

ClientSampleId :

YS19-EB01-101714-SD

Tgt Ion:264 Resp: 55946

Ion Ratio Lower Upper

264 100

260 23.8 19.0 28.4

265 21.4 17.4 26.2

