

Data Path : Z:\HPCHEM1\BNA_E\Data\BE103114\
 Data File : BE088431.D
 Acq On : 31 Oct 2014 19:48
 Operator : TP/JJ
 Sample : F4275-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DFTPP

Quant Time: Nov 02 03:01:53 2014
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-PAH-BE103114.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 01 00:42:07 2014
 Response via : Initial Calibration

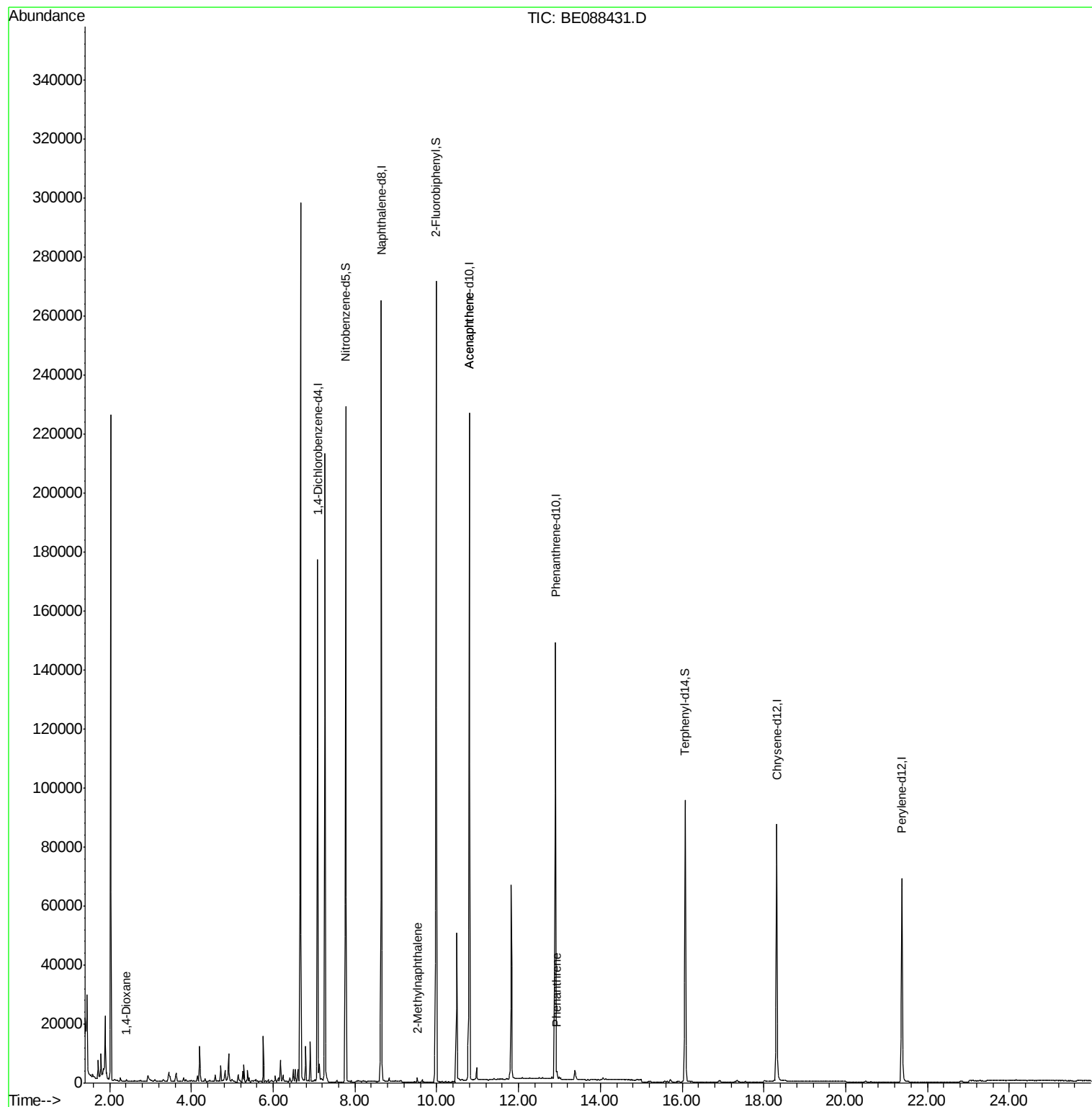
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.09	152	63297	5.00	ng	0.00
3) Naphthalene-d8	8.65	136	244569	5.00	ng	0.00
7) Acenaphthene-d10	10.79	164	111562	5.00	ng	0.00
12) Phenanthrene-d10	12.90	188	205131	5.00	ng	0.00
16) Chrysene-d12	18.31	240	104070	5.00	ng	0.00
22) Perylene-d12	21.37	264	92330	5.00	ng	0.00
System Monitoring Compounds						
4) Nitrobenzene-d5	7.77	82	127345	7.10	ng	0.00
8) 2-Fluorobiphenyl	9.98	172	205621	6.54	ng	0.00
18) Terphenyl-d14	16.08	244	127802	6.68	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.41	88	327	0.04	ng	# 77
6) 2-Methylnaphthalene	9.52	142	773	0.02	ng	# 96
10) Acenaphthene	10.79	154	675	0.03	ng	# 1
13) Phenanthrene	12.94	178	5351	0.03	ng	# 61

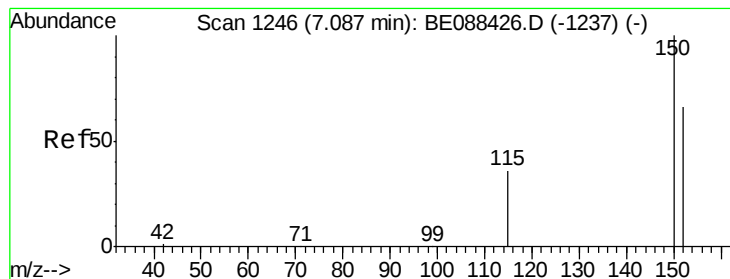
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 01 00:42:07 2014
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.09 min Scan# 1246

Delta R.T. -0.00 min

Lab File: BE088431.D

Acq: 31 Oct 2014 19:48

Instrument :

BNA_E

ClientSampleId :

DFTPP

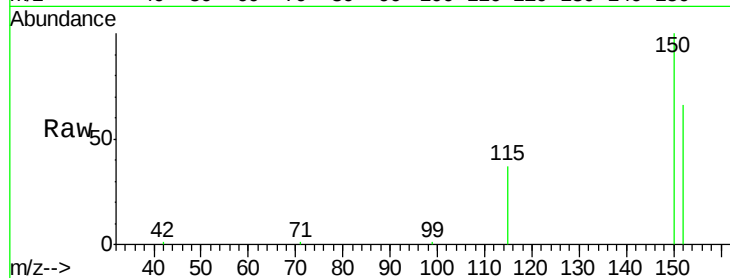
Tgt Ion:152 Resp: 63297

Ion Ratio Lower Upper

152 100

150 152.0 121.8 182.8

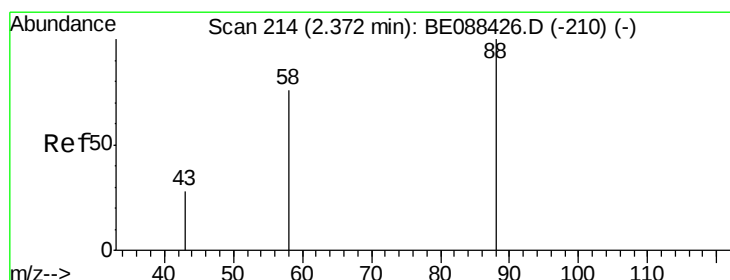
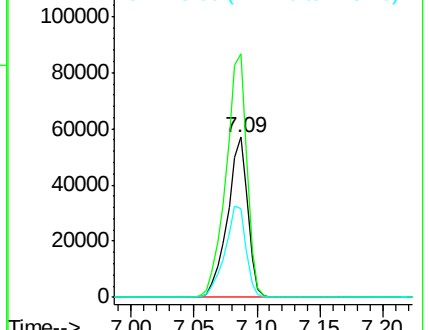
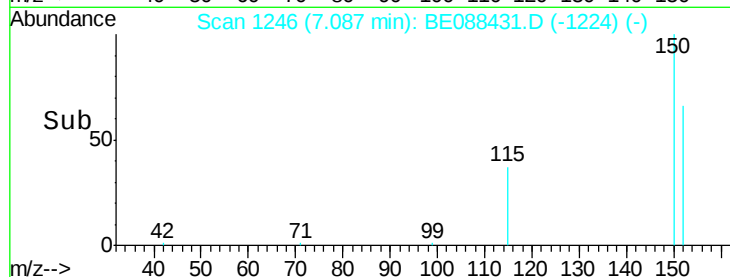
115 55.8 43.9 65.9



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



#2

1,4-Dioxane

Concen: 0.04 ng

RT: 2.41 min Scan# 222

Delta R.T. 0.04 min

Lab File: BE088431.D

Acq: 31 Oct 2014 19:48

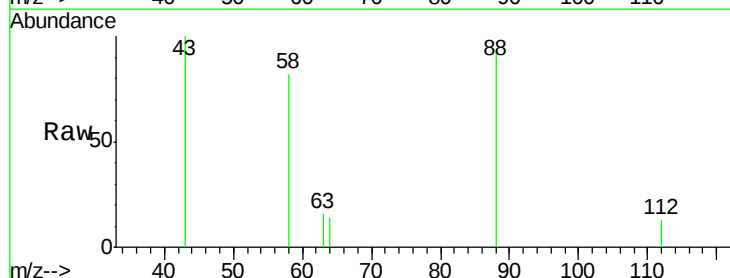
Tgt Ion: 88 Resp: 327

Ion Ratio Lower Upper

88 100

58 84.1 59.1 88.7

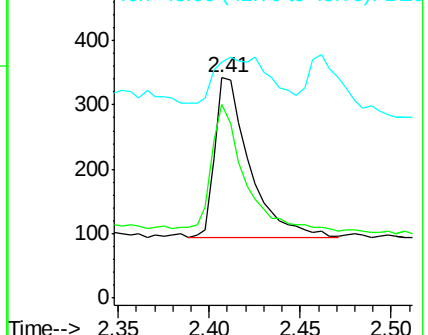
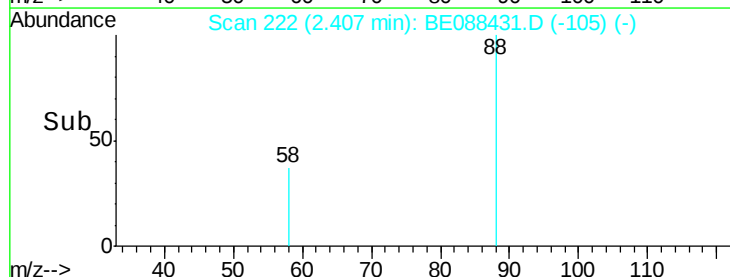
43 0.0 21.9 32.9#

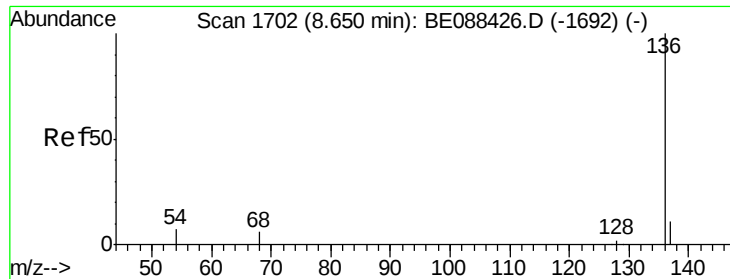


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

Naphthalene-d8

Concen: 5.00 ng

RT: 8.65 min Scan# 1701

Delta R.T. -0.00 min

Lab File: BE088431.D

Acq: 31 Oct 2014 19:48

Instrument :

BNA_E

ClientSampled :

DFTPP

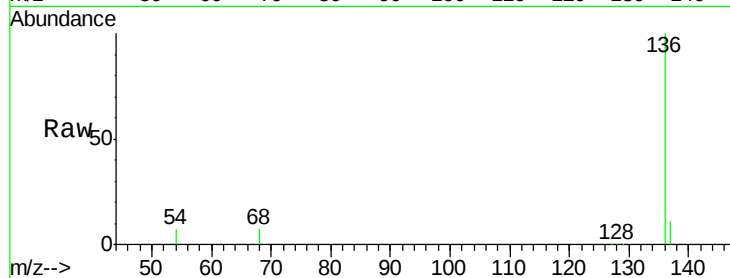
Tgt Ion: 136 Resp: 244569

Ion Ratio Lower Upper

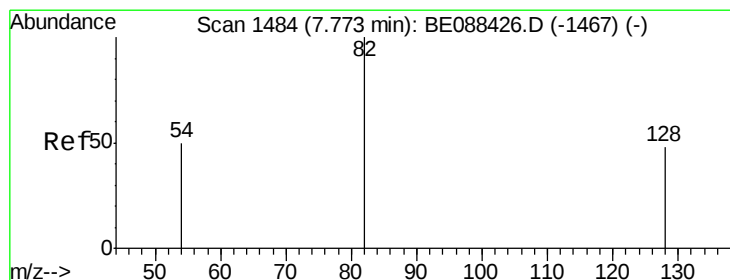
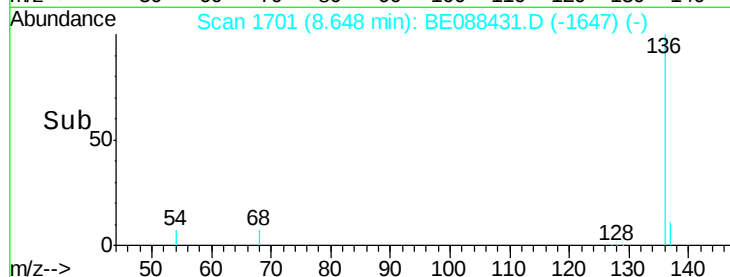
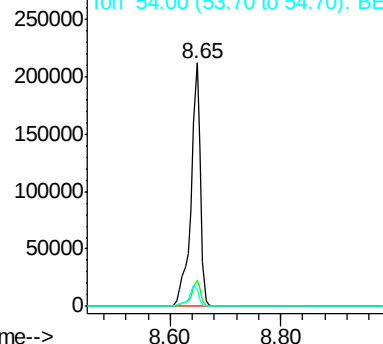
136 100

137 10.9 8.8 13.2

54 7.3 5.3 7.9



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): E



#4

Nitrobenzene-d5

Concen: 7.10 ng

RT: 7.77 min Scan# 1484

Delta R.T. 0.00 min

Lab File: BE088431.D

Acq: 31 Oct 2014 19:48

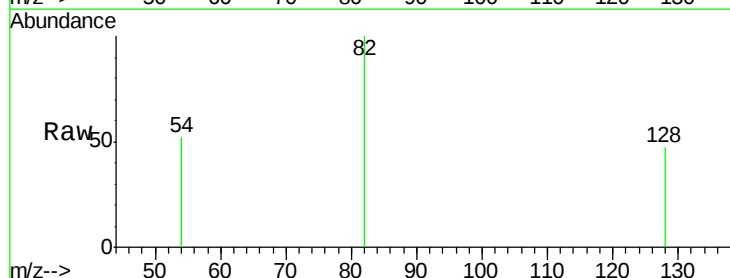
Tgt Ion: 82 Resp: 127345

Ion Ratio Lower Upper

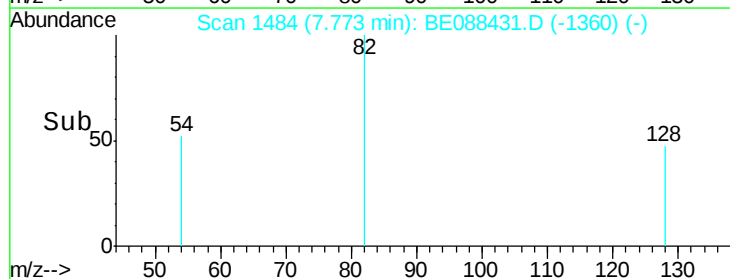
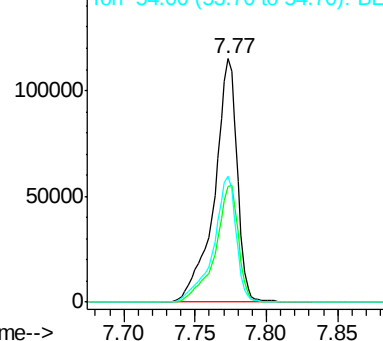
82 100

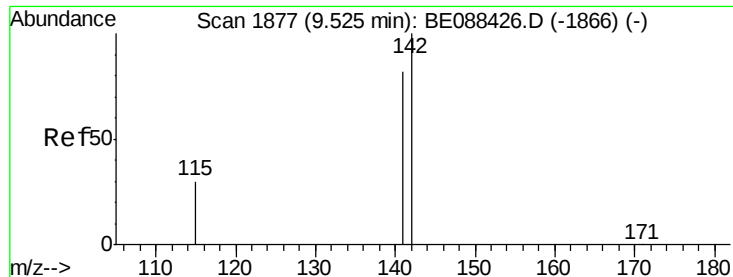
128 47.5 38.4 57.6

54 51.9 40.2 60.2



Abundance Ion 82.00 (81.70 to 82.70): E
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): E





#6

2-Methylnaphthalene

Concen: 0.02 ng

RT: 9.52 min Scan# 1876

Delta R.T. -0.00 min

Lab File: BE088431.D

Acq: 31 Oct 2014 19:48

Instrument :

BNA_E

ClientSampleId :

DFTPP

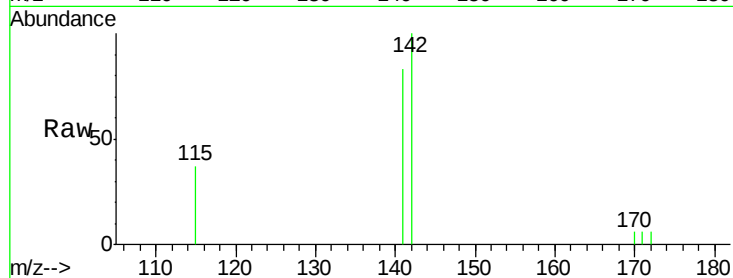
Tgt Ion:142 Resp: 773

Ion Ratio Lower Upper

142 100

141 83.1 65.8 98.8

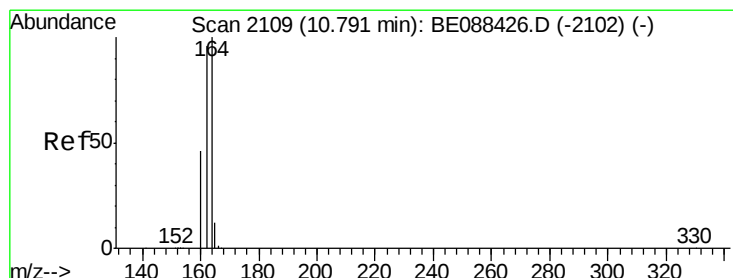
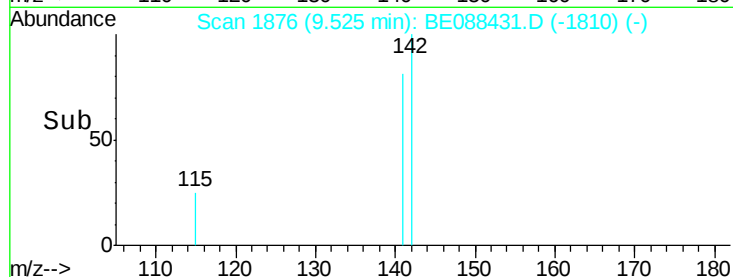
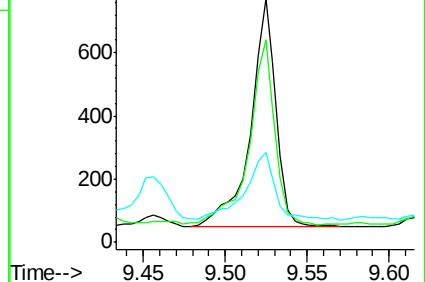
115 37.1 24.2 36.4#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#7

Acenaphthene-d10

Concen: 5.00 ng

RT: 10.79 min Scan# 2108

Delta R.T. 0.00 min

Lab File: BE088431.D

Acq: 31 Oct 2014 19:48

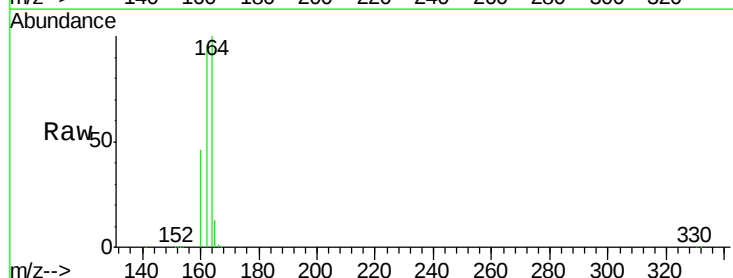
Tgt Ion:164 Resp: 111562

Ion Ratio Lower Upper

164 100

162 96.1 77.0 115.4

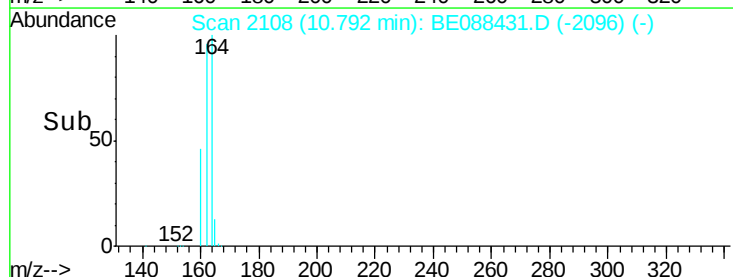
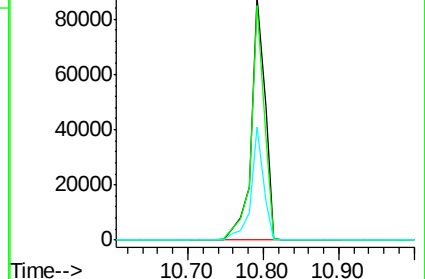
160 46.2 36.8 55.2

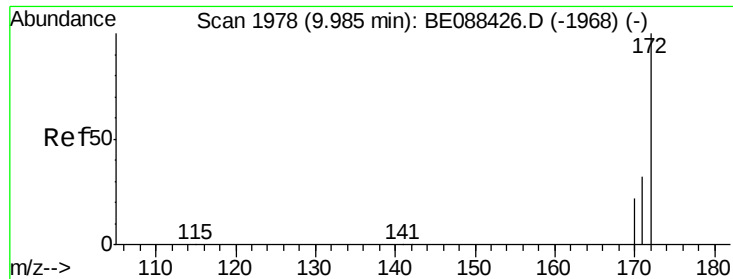


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

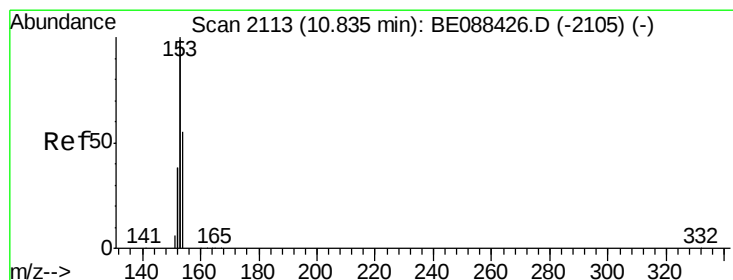
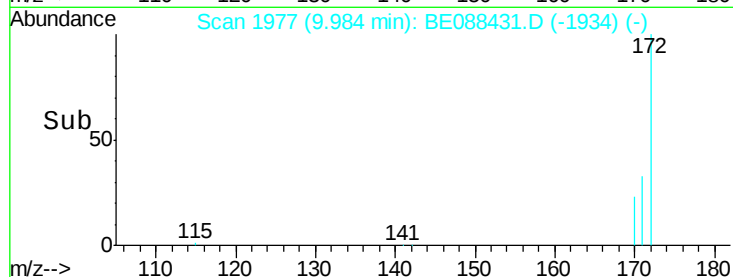
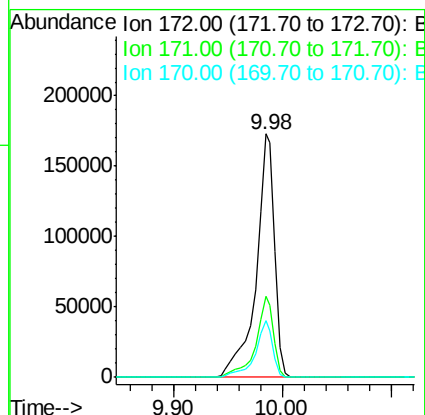
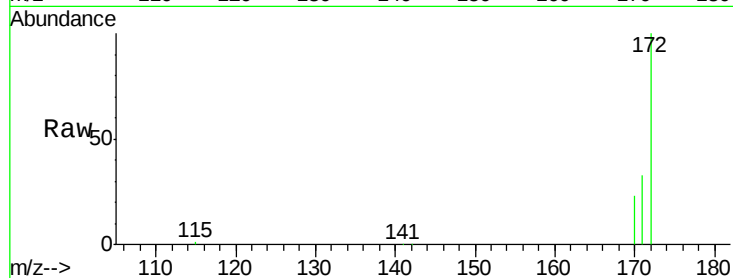




#8
2-Fluorobiphenyl
Concen: 6.54 ng
RT: 9.98 min Scan# 1977
Delta R.T. -0.00 min
Lab File: BE088431.D
Acq: 31 Oct 2014 19:48

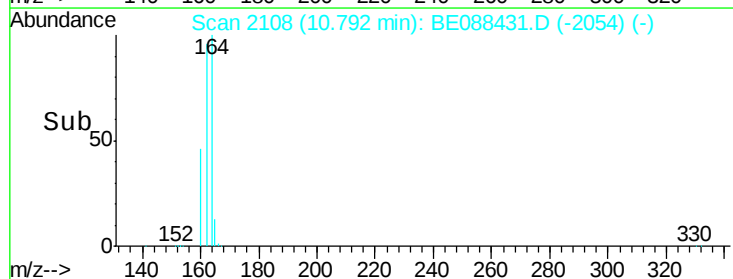
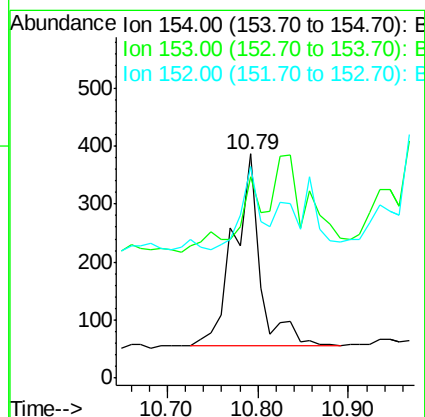
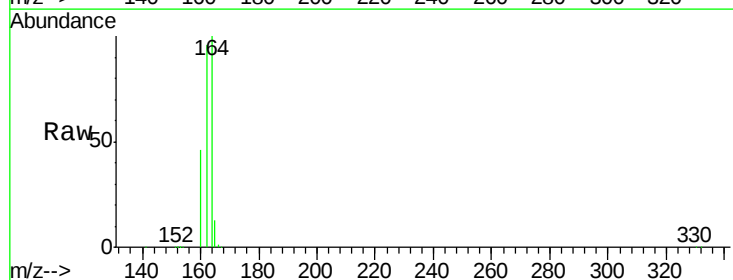
Instrument :
BNA_E
ClientSampleId :
DFTPP

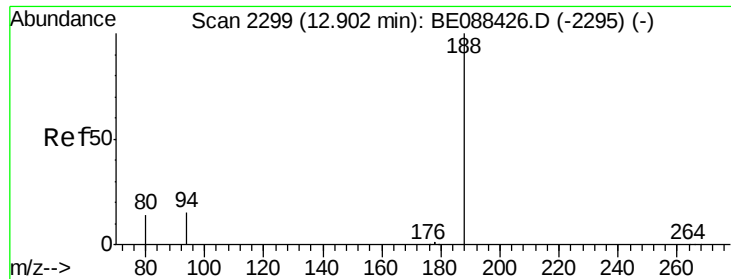
Tgt Ion:172 Resp: 205621
Ion Ratio Lower Upper
172 100
171 33.1 26.0 39.0
170 23.2 17.6 26.4



#10
Acenaphthene
Concen: 0.03 ng
RT: 10.79 min Scan# 2108
Delta R.T. -0.04 min
Lab File: BE088431.D
Acq: 31 Oct 2014 19:48

Tgt Ion:154 Resp: 675
Ion Ratio Lower Upper
154 100
153 17.2 324.3 486.5#
152 25.9 154.9 232.3#

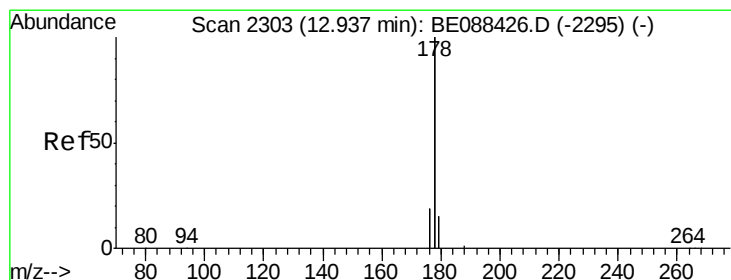
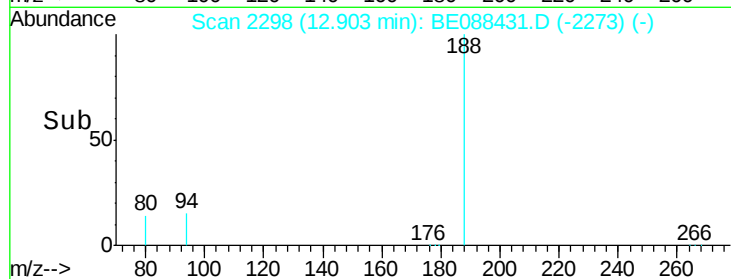
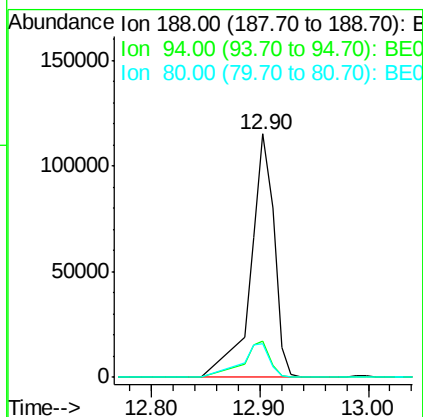
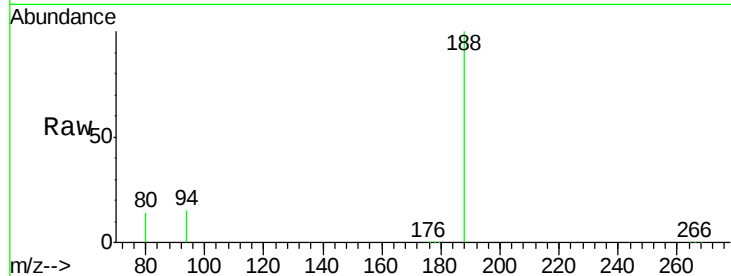




#12
Phenanthrene-d10
Concen: 5.00 ng
RT: 12.90 min Scan# 2298
Delta R.T. 0.00 min
Lab File: BE088431.D
Acq: 31 Oct 2014 19:48

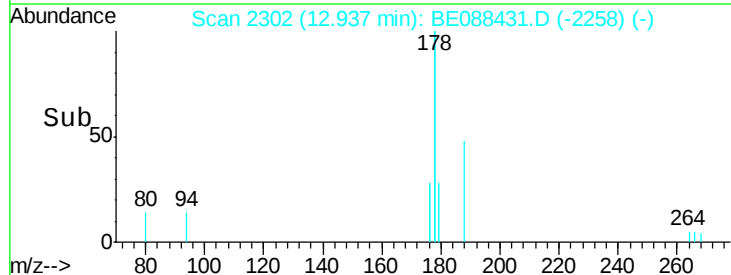
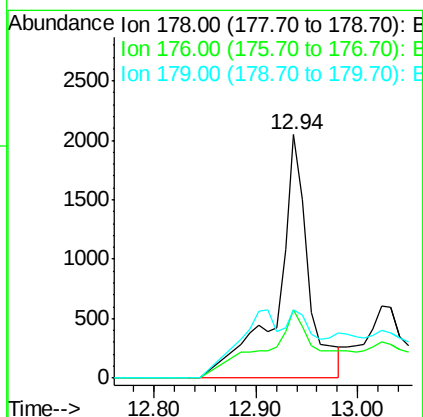
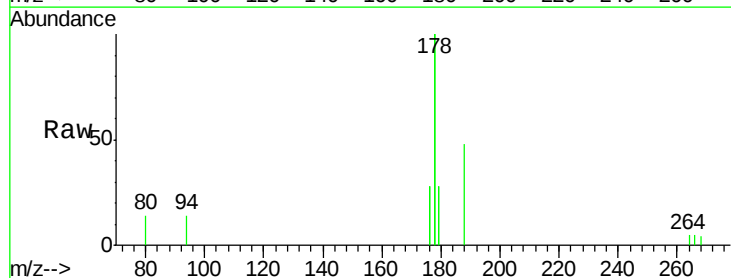
Instrument :
BNA_E
ClientSampleId :
DFTPP

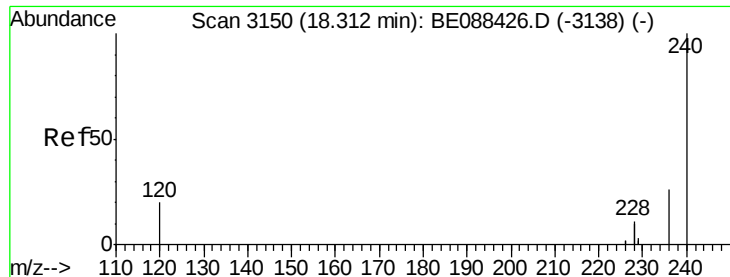
Tgt Ion:188 Resp: 205131
Ion Ratio Lower Upper
188 100
94 14.8 11.8 17.8
80 13.7 10.9 16.3



#13
Phenanthrene
Concen: 0.03 ng
RT: 12.94 min Scan# 2302
Delta R.T. 0.00 min
Lab File: BE088431.D
Acq: 31 Oct 2014 19:48

Tgt Ion:178 Resp: 5351
Ion Ratio Lower Upper
178 100
176 44.2 15.4 23.2#
179 7.2 12.8 19.2#





#16

Chrysene-d12

Concen: 5.00 ng

RT: 18.31 min Scan# 3149

Delta R.T. -0.00 min

Lab File: BE088431.D

Acq: 31 Oct 2014 19:48

Instrument :

BNA_E

ClientSampleId :

DFTPP

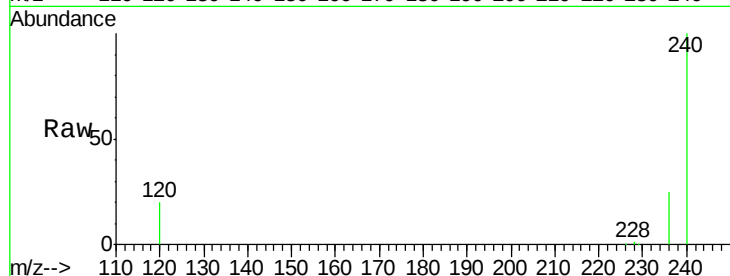
Tgt Ion:240 Resp: 104070

Ion Ratio Lower Upper

240 100

120 19.6 16.4 24.6

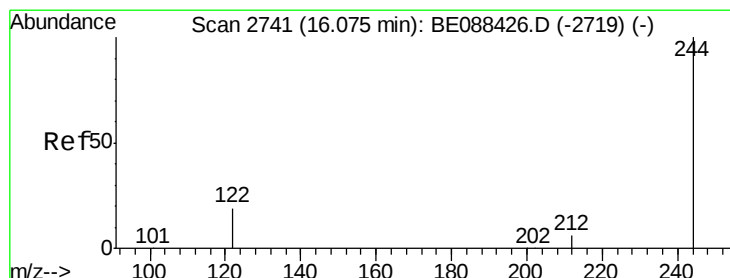
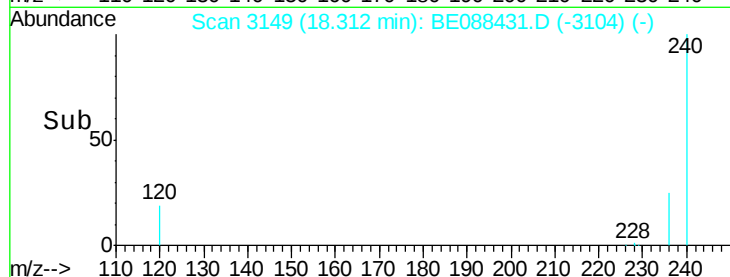
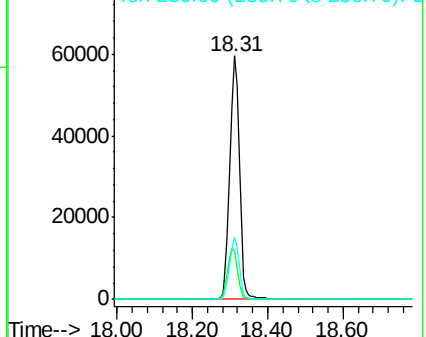
236 25.5 20.5 30.7



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



#18

Terphenyl-d14

Concen: 6.68 ng

RT: 16.08 min Scan# 2740

Delta R.T. 0.00 min

Lab File: BE088431.D

Acq: 31 Oct 2014 19:48

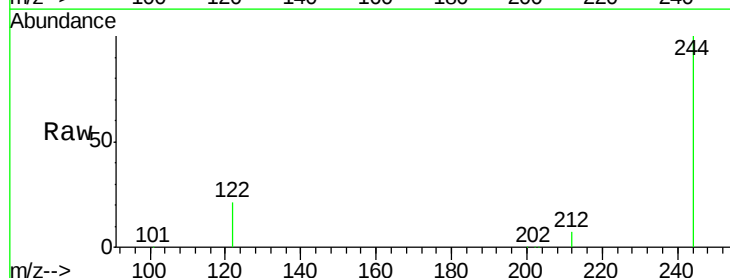
Tgt Ion:244 Resp: 127802

Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

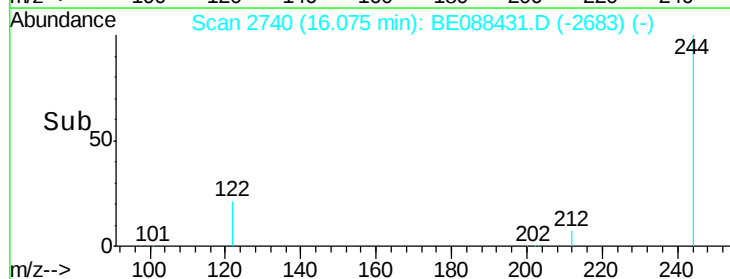
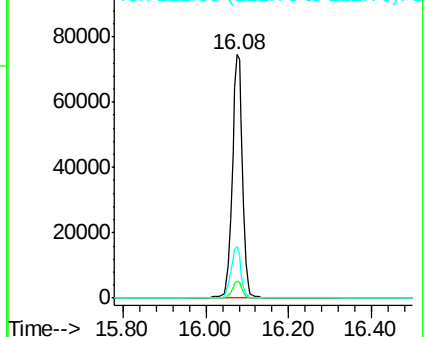
122 21.0 15.6 23.4

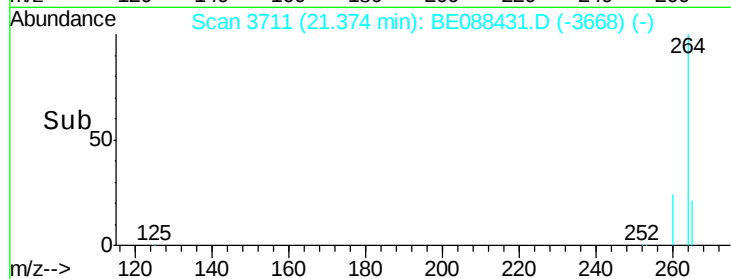
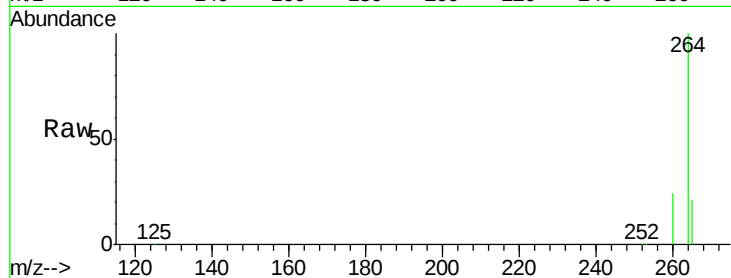
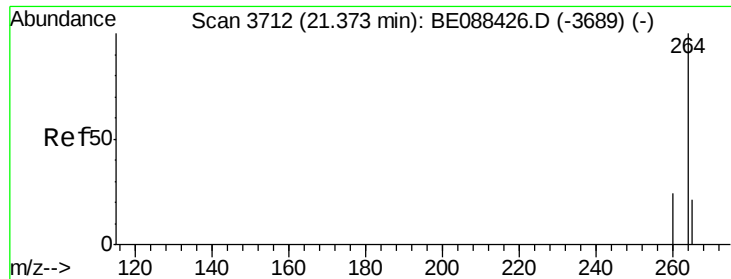


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#22

Perylene-d12

Concen: 5.00 ng

RT: 21.37 min Scan# 3711

Delta R.T. 0.00 min

Lab File: BE088431.D

Acq: 31 Oct 2014 19:48

Instrument :

BNA_E

ClientSampleId :

DFTPP

Tgt Ion: 264 Resp: 92330

Ion Ratio Lower Upper

264 100

260 23.9 18.9 28.3

265 21.5 17.2 25.8

