

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102414\
 Data File : BE088224.D
 Acq On : 24 Oct 2014 21:44
 Operator : TP/JJ
 Sample : F4351-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 YS19-SW16-1014

Quant Time: Oct 27 13:38:41 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

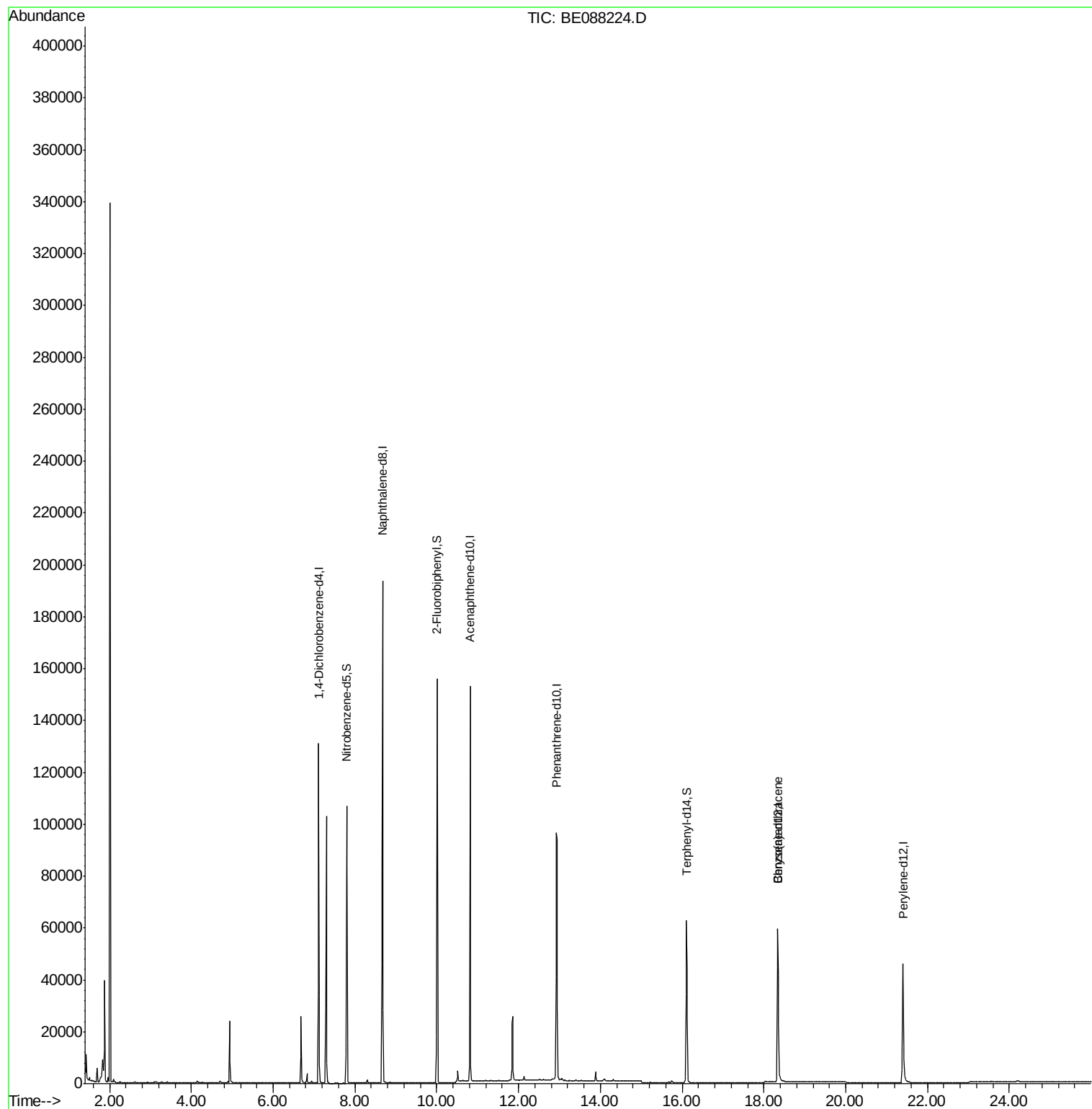
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.11	152	43015	5.00	ng	0.00
3) Naphthalene-d8	8.68	136	165873	5.00	ng	0.00
7) Acenaphthene-d10	10.82	164	76516	5.00	ng	0.00
12) Phenanthrene-d10	12.94	188	138525	5.00	ng	0.00
16) Chrysene-d12	18.34	240	74438	5.00	ng	0.00
22) Perylene-d12	21.40	264	66443	5.00	ng	0.00
System Monitoring Compounds						
4) Nitrobenzene-d5	7.80	82	55320	4.52	ng	0.00
8) 2-Fluorobiphenyl	10.01	172	103739	4.86	ng	0.00
18) Terphenyl-d14	16.11	244	81926	6.72	ng	0.00
Target Compounds						
19) Benzo(a)anthracene	18.33	228	1732	0.03	ng	Qvalue # 71

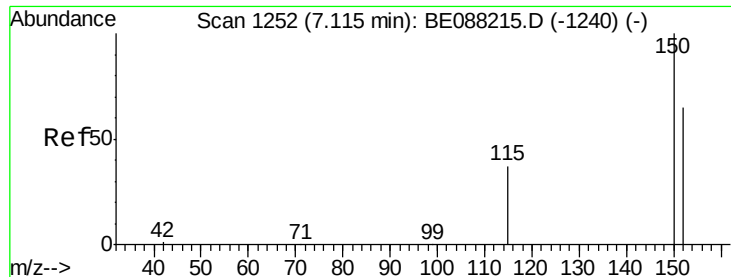
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE088224.D

Acq: 24 Oct 2014 21:44

Instrument :

BNA_E

ClientSampleId :

YS19-SW16-1014

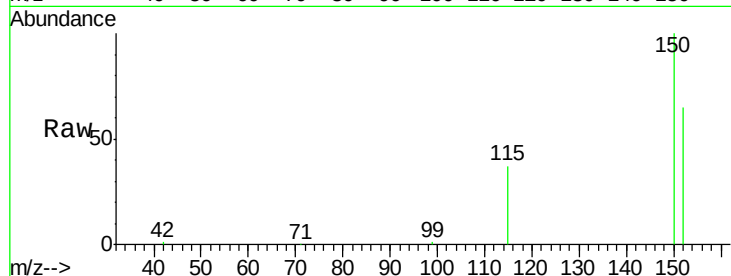
Tgt Ion:152 Resp: 43015

Ion Ratio Lower Upper

152 100

150 152.9 123.2 184.8

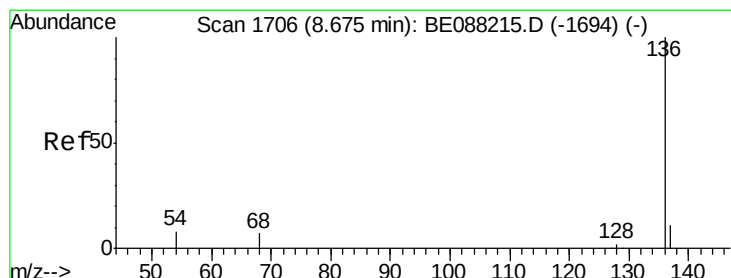
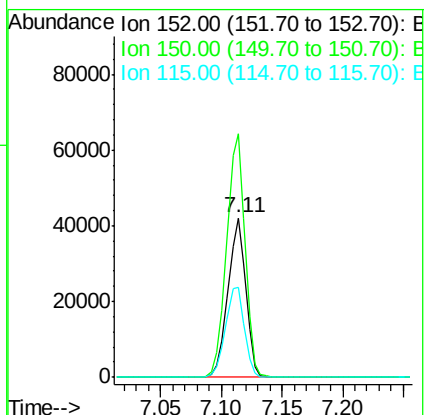
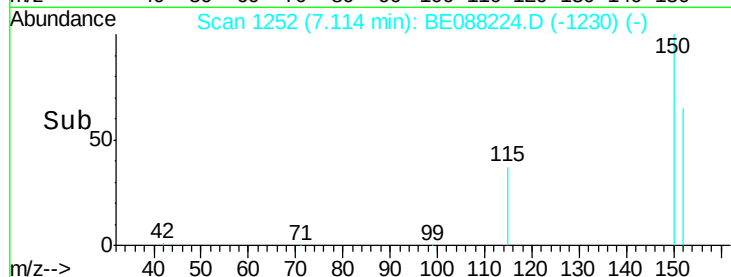
115 56.6 45.3 67.9



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# 1706

Delta R.T. 0.00 min

Lab File: BE088224.D

Acq: 24 Oct 2014 21:44

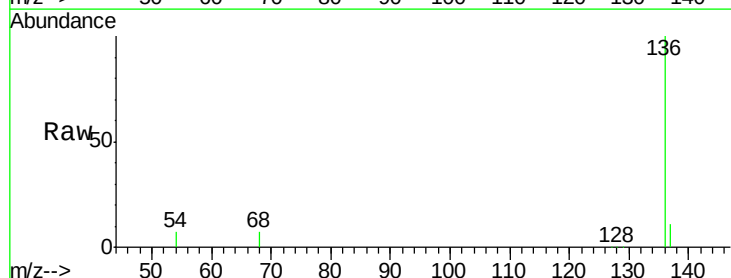
Tgt Ion:136 Resp: 165873

Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

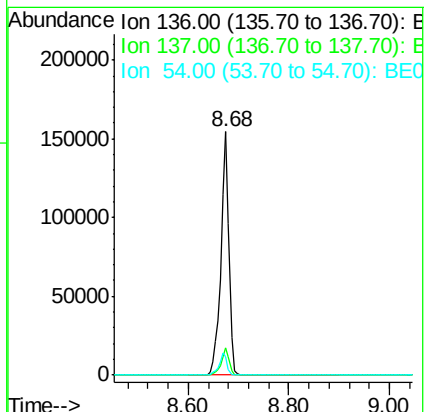
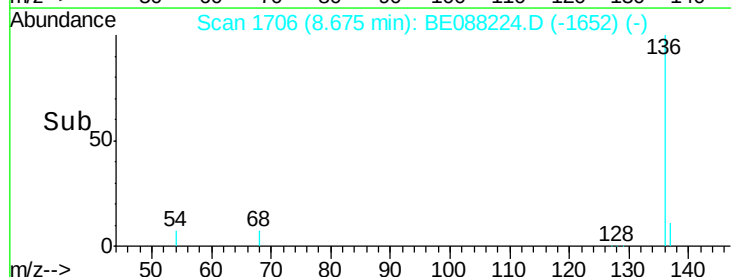
54 7.3 6.1 9.1

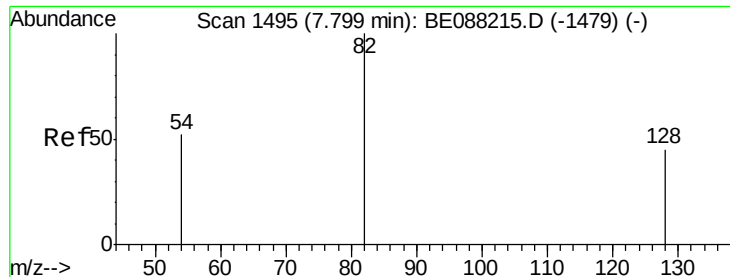


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0





#4

Nitrobenzene-d5

Concen: 4.52 ng

RT: 7.80 min Scan# 1495

Delta R.T. 0.00 min

Lab File: BE088224.D

Acq: 24 Oct 2014 21:44

Instrument :

BNA_E

ClientSampleId :

YS19-SW16-1014

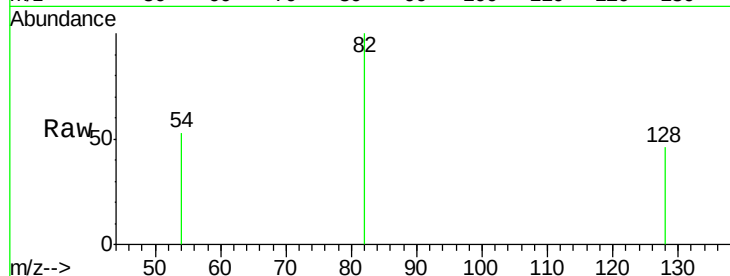
Tgt Ion: 82 Resp: 55320

Ion Ratio Lower Upper

82 100

128 45.9 36.2 54.2

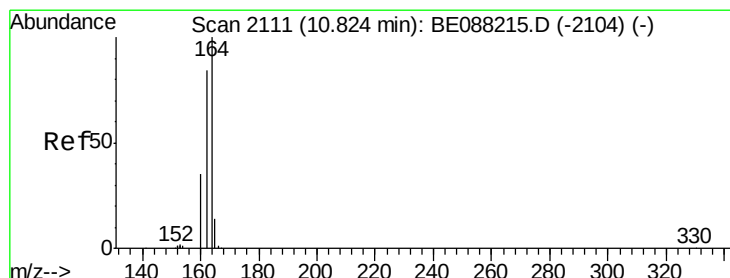
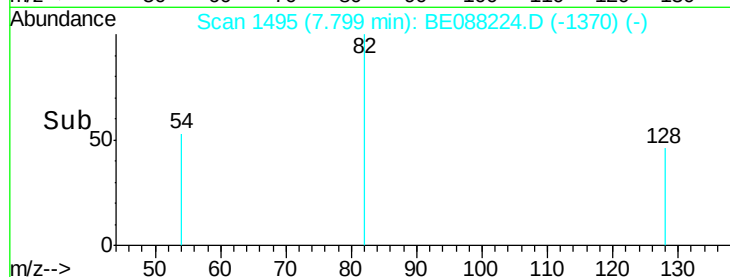
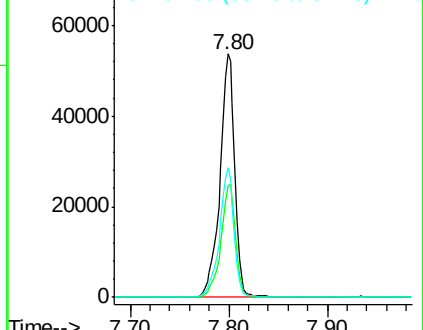
54 53.1 41.8 62.8



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



#7

Acenaphthene-d10

Concen: 5.00 ng

RT: 10.82 min Scan# 2111

Delta R.T. 0.00 min

Lab File: BE088224.D

Acq: 24 Oct 2014 21:44

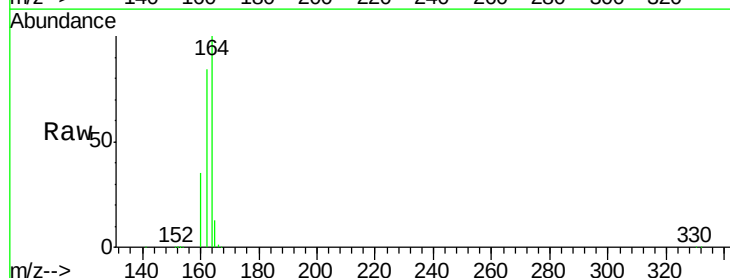
Tgt Ion: 164 Resp: 76516

Ion Ratio Lower Upper

164 100

162 84.1 67.4 101.0

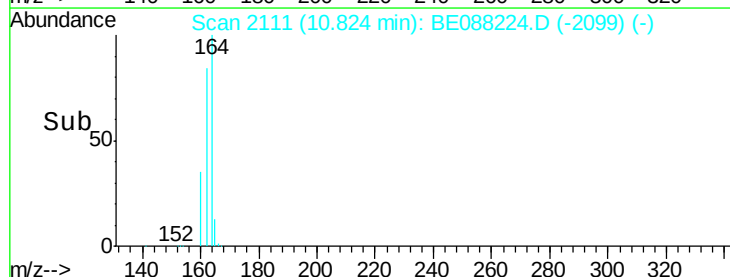
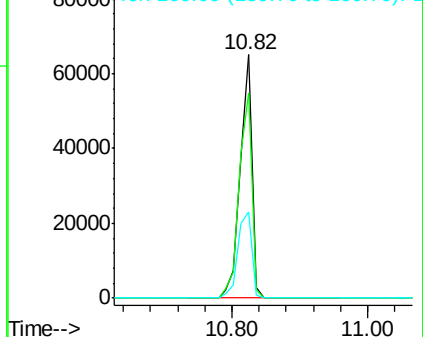
160 35.4 27.7 41.5

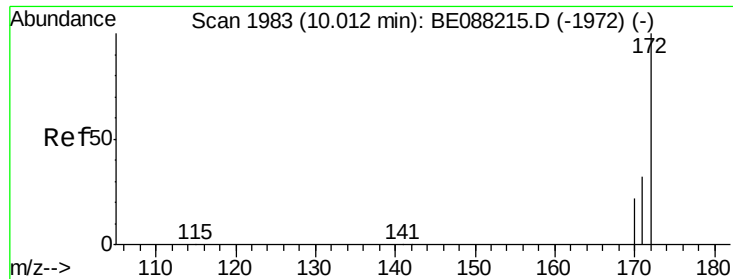


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#8

2-Fluorobiphenyl

Concen: 4.86 ng

RT: 10.01 min Scan# 1983

Delta R.T. -0.00 min

Lab File: BE088224.D

Acq: 24 Oct 2014 21:44

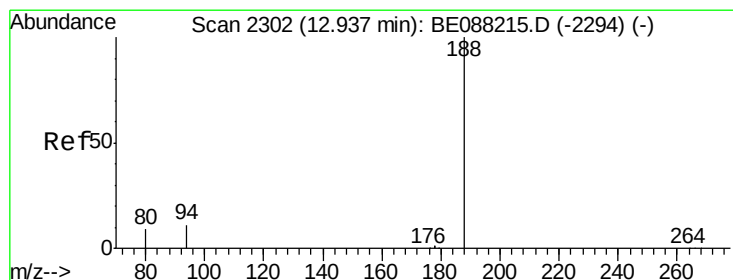
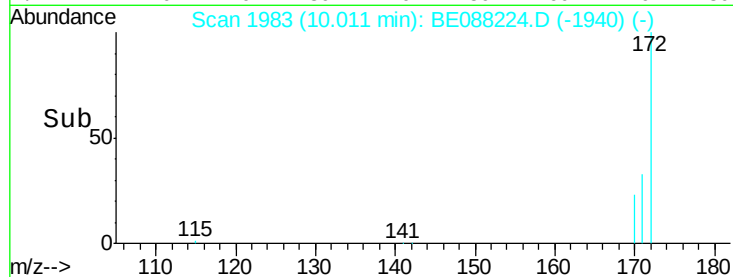
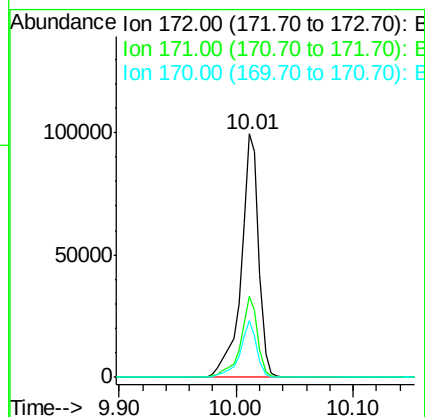
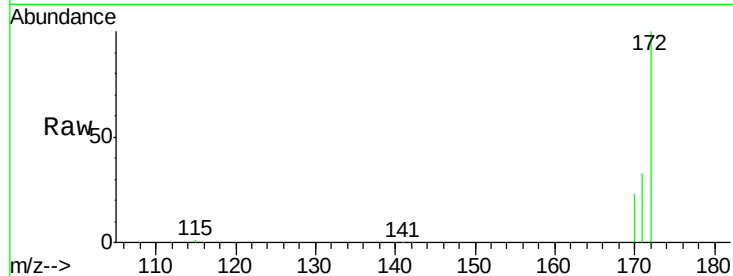
Instrument :

BNA_E

ClientSampleId :

YS19-SW16-1014

Tgt Ion:	172	Resp:	103739
Ion	Ratio	Lower	Upper
172	100		
171	33.0	25.8	38.6
170	23.1	17.4	26.0



#12

Phenanthrene-d10

Concen: 5.00 ng

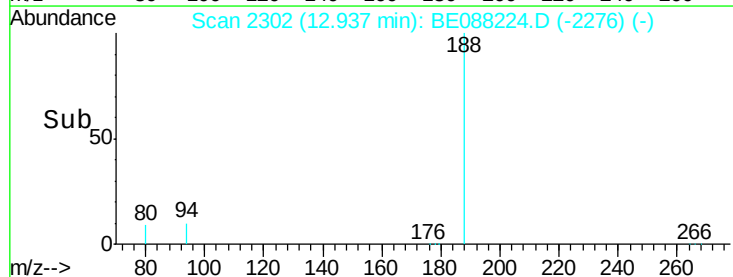
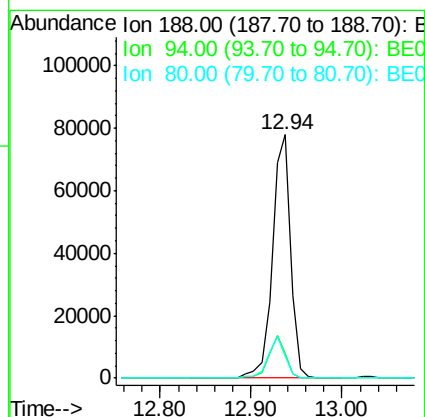
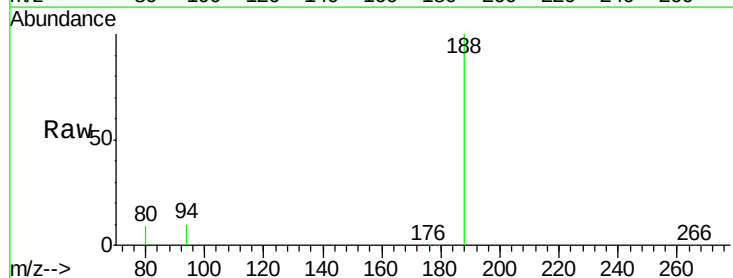
RT: 12.94 min Scan# 2302

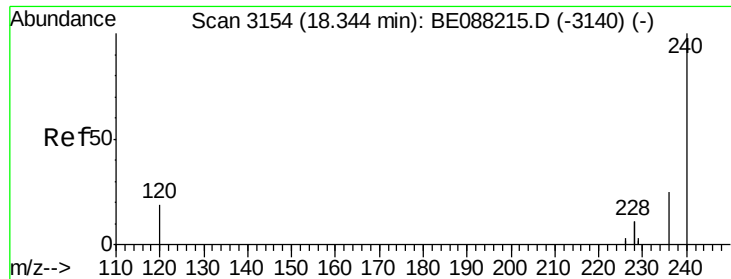
Delta R.T. -0.00 min

Lab File: BE088224.D

Acq: 24 Oct 2014 21:44

Tgt Ion:	188	Resp:	138525
Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.5	12.7
80	8.9	7.4	11.0





#16

Chrysene-d12

Concen: 5.00 ng

RT: 18.34 min Scan# 3154

Delta R.T. 0.00 min

Lab File: BE088224.D

Acq: 24 Oct 2014 21:44

Instrument :

BNA_E

ClientSampleId :

YS19-SW16-1014

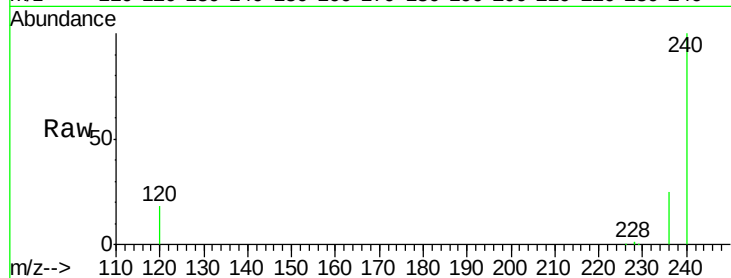
Tgt Ion:240 Resp: 74438

Ion Ratio Lower Upper

240 100

120 17.6 15.1 22.7

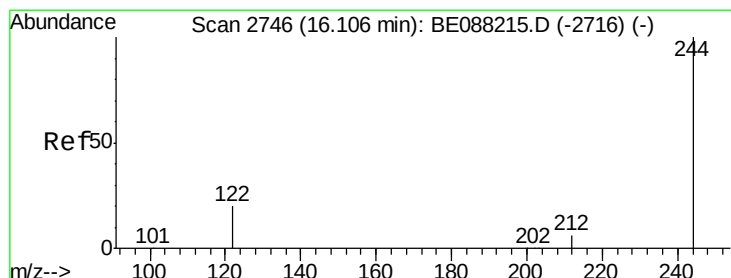
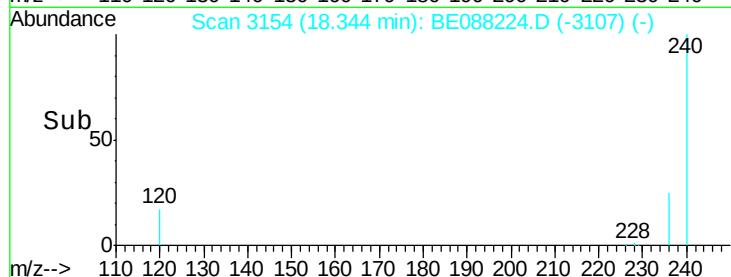
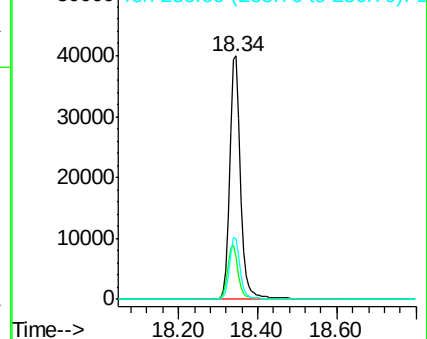
236 24.9 20.1 30.1



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: 6.72 ng

RT: 16.11 min Scan# 2746

Delta R.T. 0.00 min

Lab File: BE088224.D

Acq: 24 Oct 2014 21:44

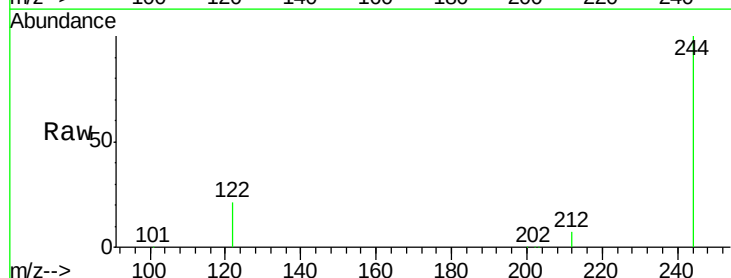
Tgt Ion:244 Resp: 81926

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.2

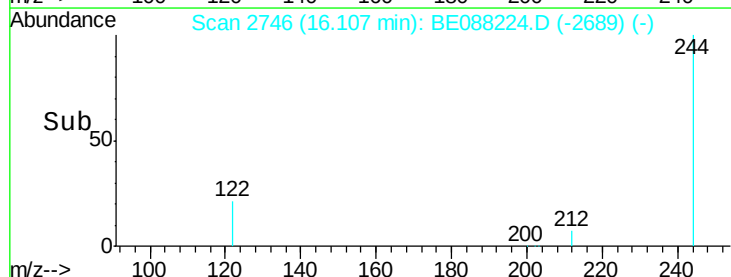
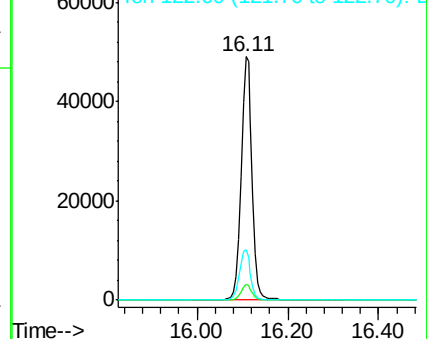
122 20.9 16.7 25.1

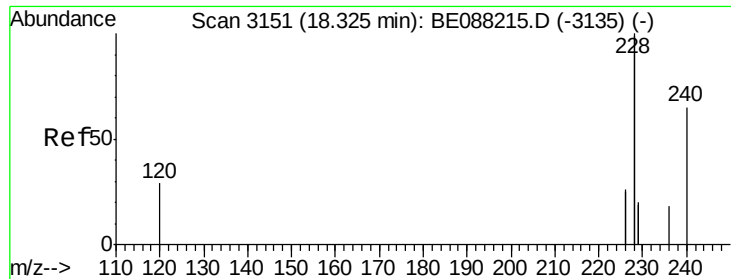


Abundance Ion 244.00 (243.70 to 244.70): E

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: 18.33 min Scan# 3152

Delta R.T. 0.01 min

Lab File: BE088224.D

Acq: 24 Oct 2014 21:44

Instrument :

BNA_E

ClientSampleId :

YS19-SW16-1014

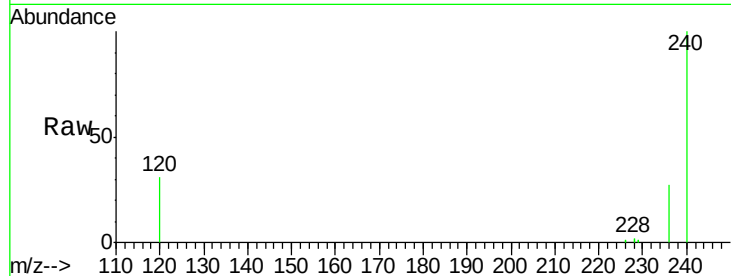
Tgt Ion:228 Resp: 1732

Ion Ratio Lower Upper

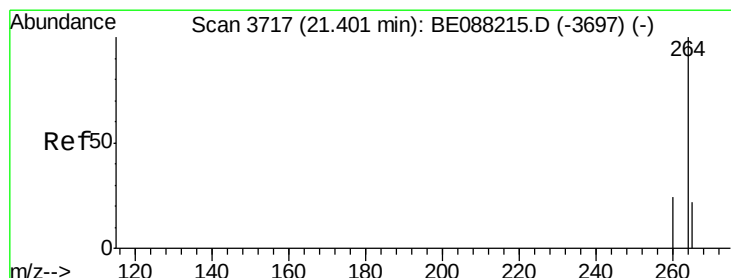
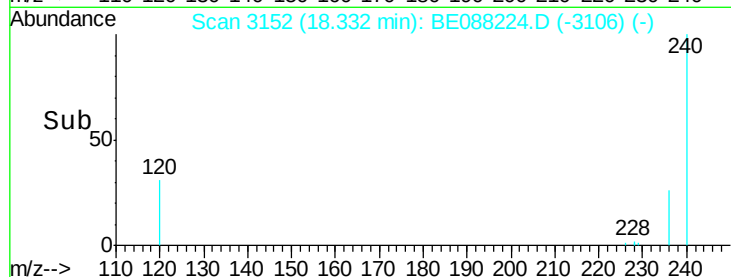
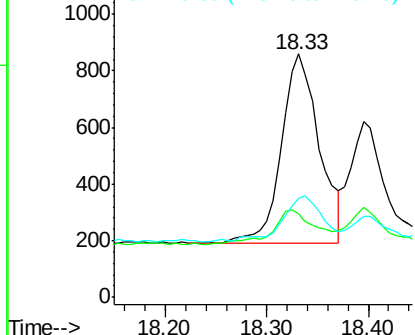
228 100

226 34.4 20.5 30.7#

229 40.5 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: BE088224.D

Acq: 24 Oct 2014 21:44

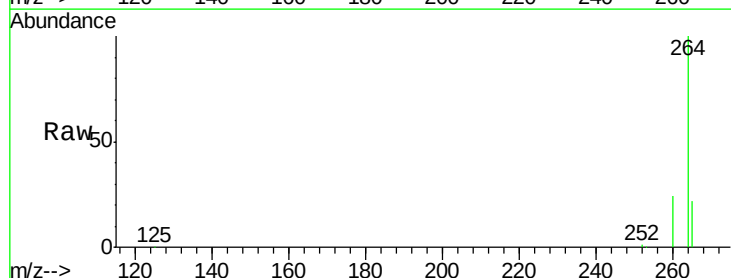
Tgt Ion:264 Resp: 66443

Ion Ratio Lower Upper

264 100

260 23.5 19.0 28.4

265 21.6 17.4 26.2



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

