

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102414\
 Data File : BE088223.D
 Acq On : 24 Oct 2014 21:11
 Operator : TP/JJ
 Sample : F4379-18
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 YS19-EB01-102014-SO

Quant Time: Oct 27 13:35:11 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

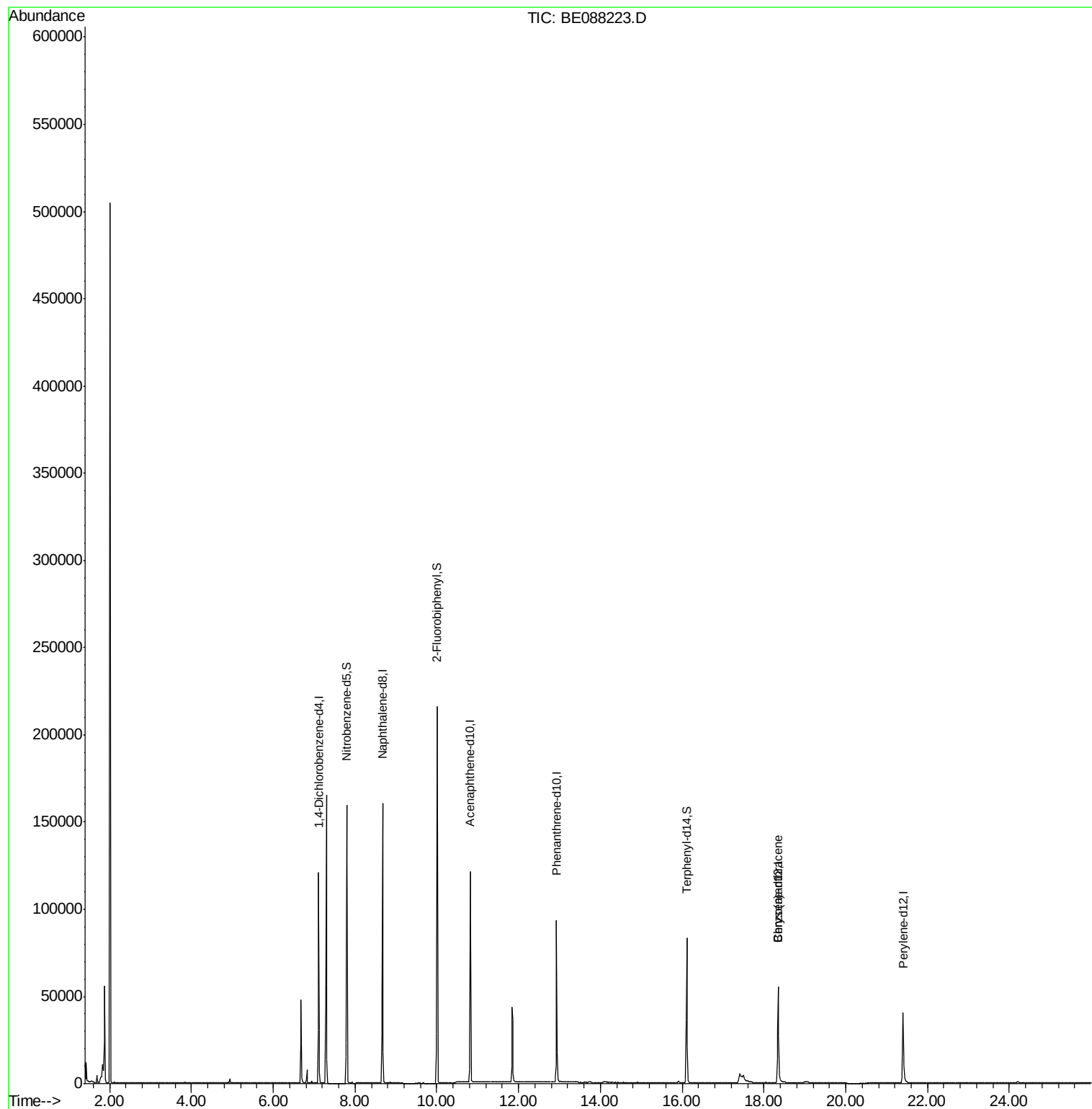
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.11	152	38924	5.00	ng	0.00
3) Naphthalene-d8	8.68	136	148942	5.00	ng	0.00
7) Acenaphthene-d10	10.81	164	66083	5.00	ng	0.00
12) Phenanthrene-d10	12.93	188	119431	5.00	ng	0.00
16) Chrysene-d12	18.35	240	66399	5.00	ng	0.00
22) Perylene-d12	21.40	264	59775	5.00	ng	0.00
System Monitoring Compounds						
4) Nitrobenzene-d5	7.80	82	83612	7.53	ng	0.00
8) 2-Fluorobiphenyl	10.01	172	149750	8.13	ng	0.00
18) Terphenyl-d14	16.11	244	109983	10.11	ng	0.00
Target Compounds						
19) Benzo(a)anthracene	18.34	228	1614	0.03	ng	Qvalue # 72

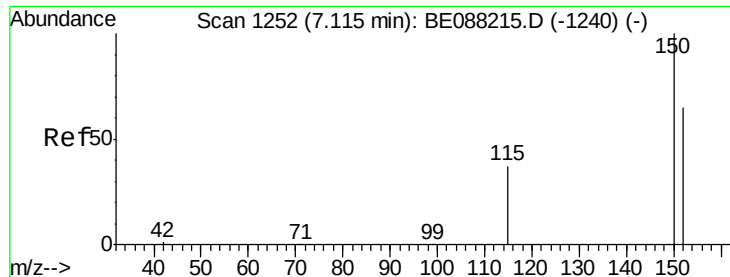
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE088223.D

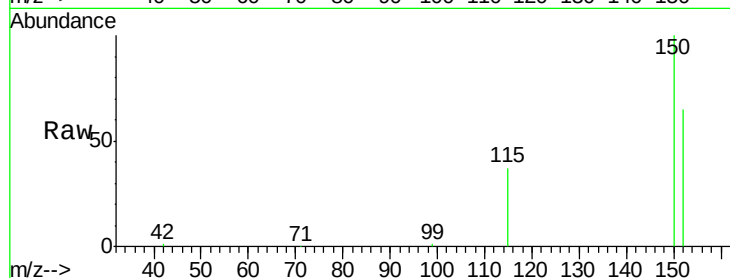
Acq: 24 Oct 2014 21:11

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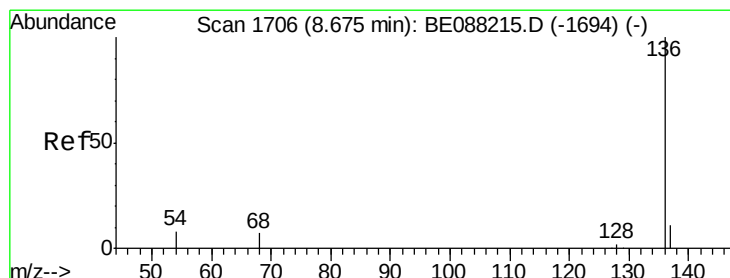
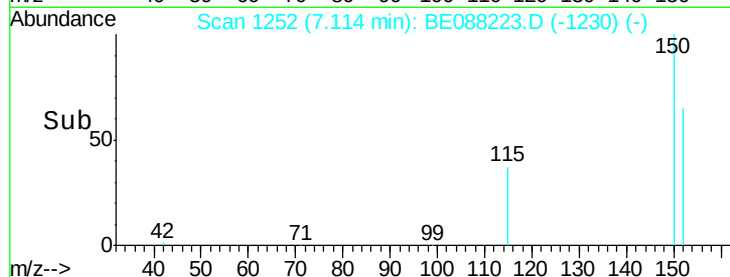
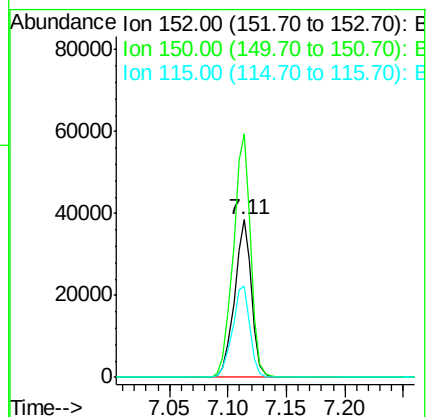
Tgt Ion:152 Resp: 38924

Ion Ratio Lower Upper

152 100

150 154.8 123.2 184.8

115 57.7 45.3 67.9



#3

Naphthalene-d8

Concen: 5.00 ng

RT: 8.68 min Scan# 1707

Delta R.T. 0.00 min

Lab File: BE088223.D

Acq: 24 Oct 2014 21:11

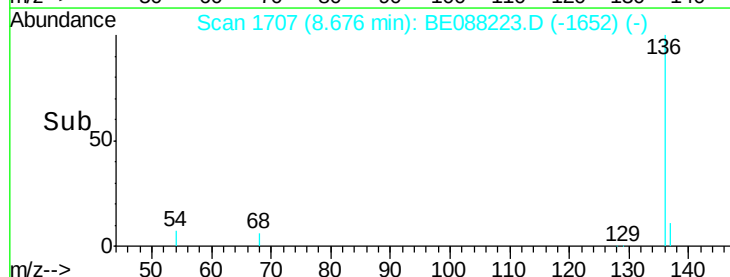
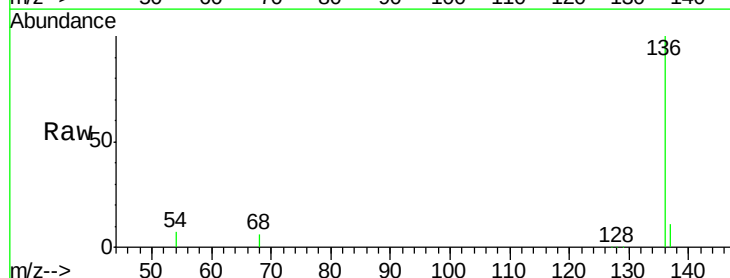
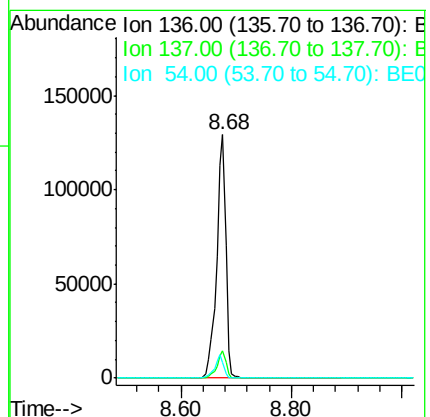
Tgt Ion:136 Resp: 148942

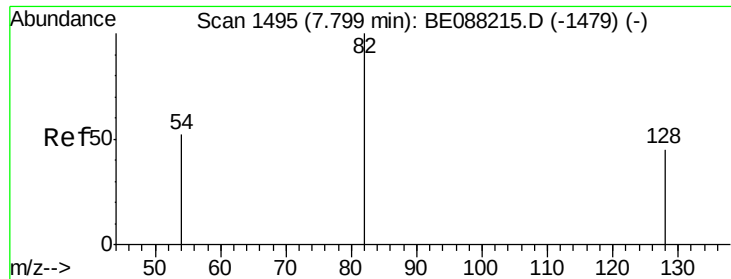
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 6.7 6.1 9.1





#4

Nitrobenzene-d5

Concen: 7.53 ng

RT: 7.80 min Scan# 1495

Delta R.T. 0.00 min

Lab File: BE088223.D

Acq: 24 Oct 2014 21:11

Instrument :

BNA_E

ClientSampleId :

YS19-EB01-102014-SO

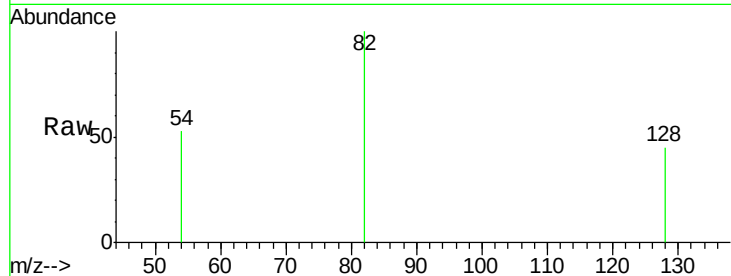
Tgt Ion: 82 Resp: 83612

Ion Ratio Lower Upper

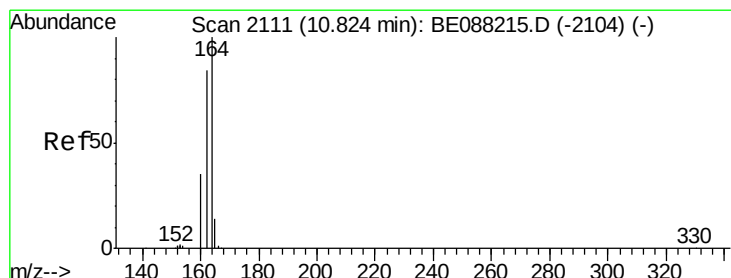
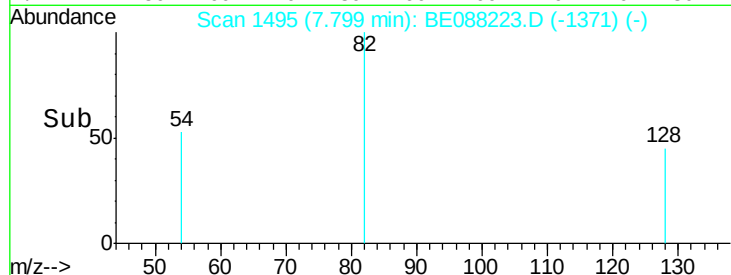
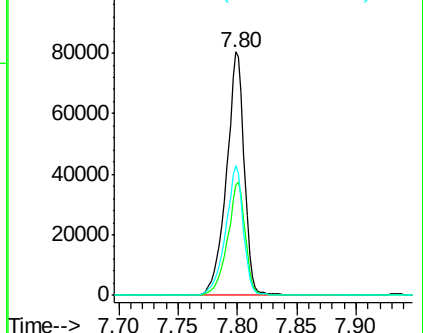
82 100

128 45.5 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: 10.81 min Scan# 2111

Delta R.T. -0.01 min

Lab File: BE088223.D

Acq: 24 Oct 2014 21:11

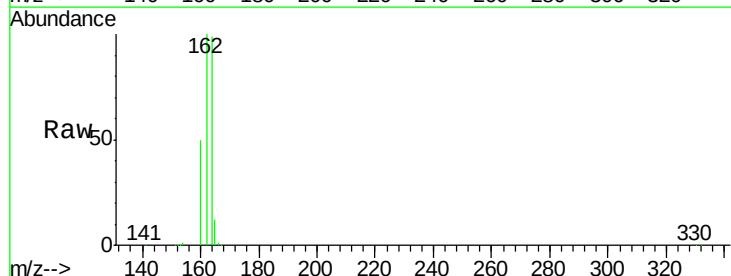
Tgt Ion: 164 Resp: 66083

Ion Ratio Lower Upper

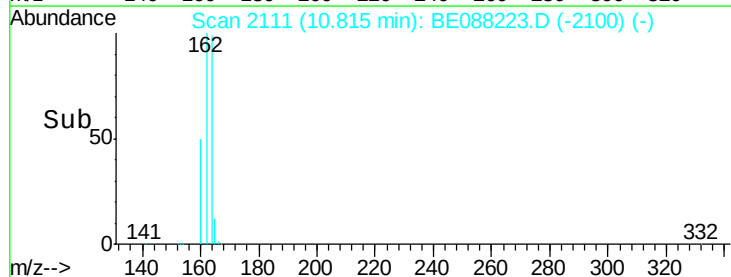
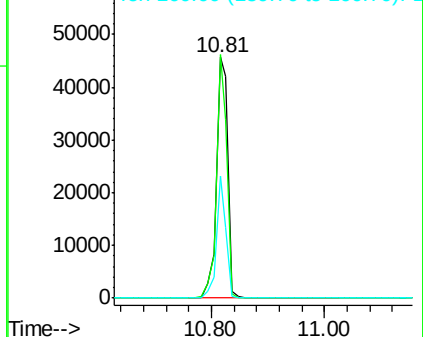
164 100

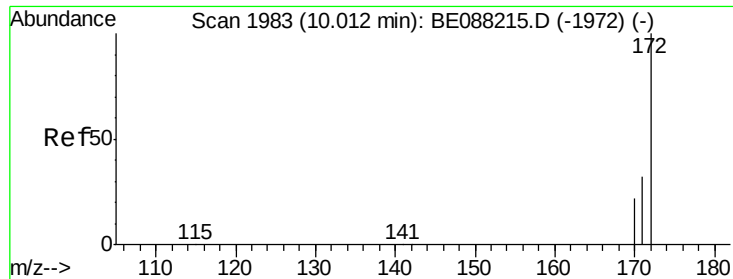
162 101.1 67.4 101.0#

160 50.8 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: 8.13 ng

RT: 10.01 min Scan# 1984

Delta R.T. -0.00 min

Lab File: BE088223.D

Acq: 24 Oct 2014 21:11

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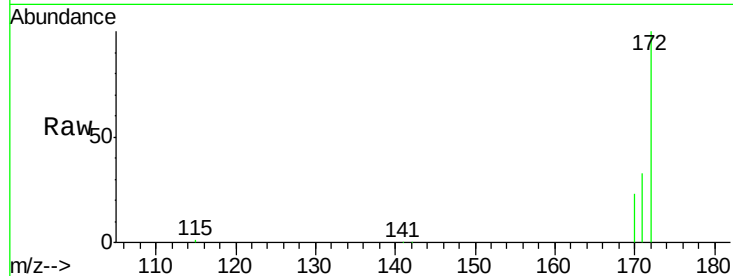
Tgt Ion:172 Resp: 149750

Ion Ratio Lower Upper

172 100

171 32.8 25.8 38.6

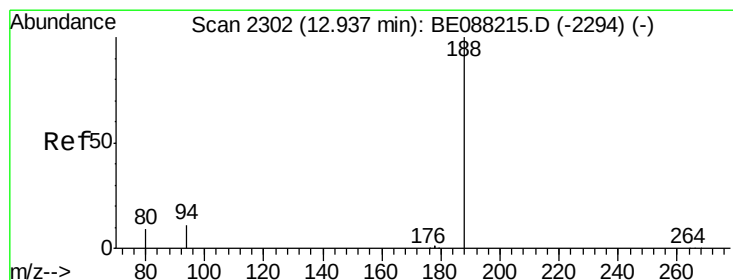
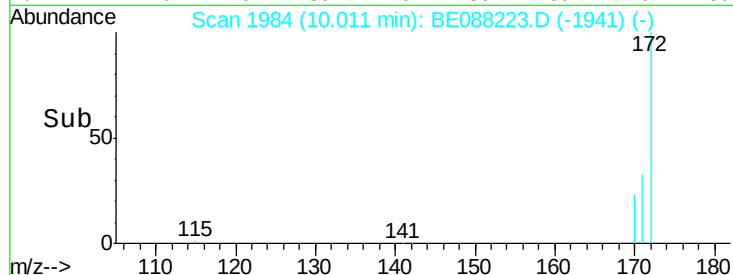
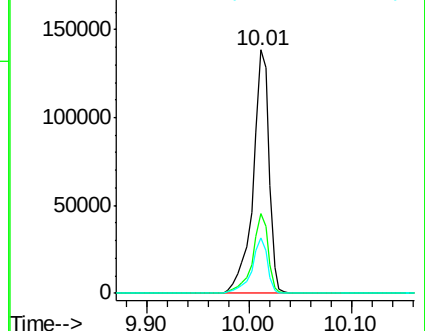
170 22.7 17.4 26.0



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: 12.93 min Scan# 2302

Delta R.T. -0.01 min

Lab File: BE088223.D

Acq: 24 Oct 2014 21:11

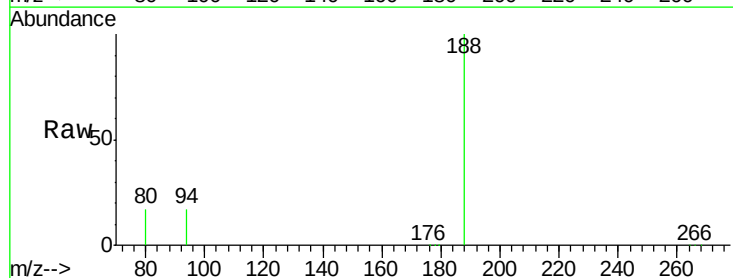
Tgt Ion:188 Resp: 119431

Ion Ratio Lower Upper

188 100

94 17.5 8.5 12.7#

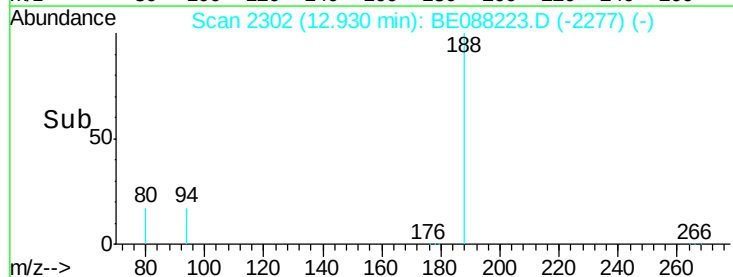
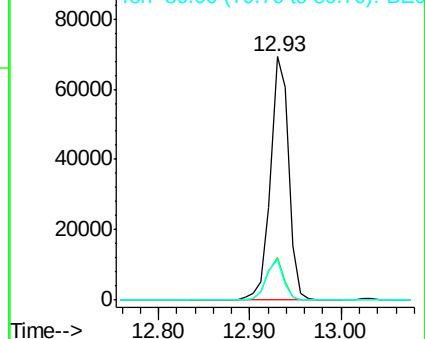
80 16.5 7.4 11.0#

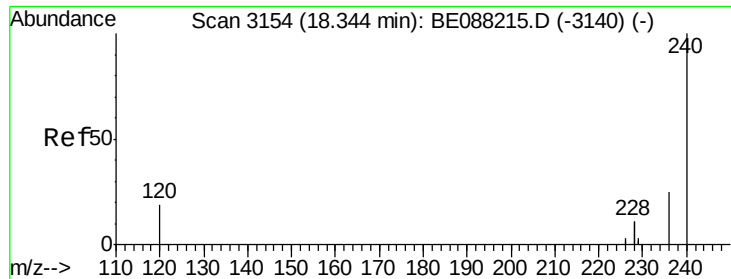


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#16

Chrysene-d12

Concen: 5.00 ng

RT: 18.35 min Scan# 3155

Delta R.T. 0.00 min

Lab File: BE088223.D

Acq: 24 Oct 2014 21:11

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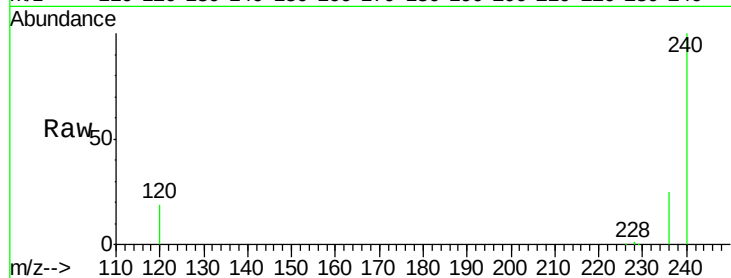
Tgt Ion:240 Resp: 66399

Ion Ratio Lower Upper

240 100

120 19.2 15.1 22.7

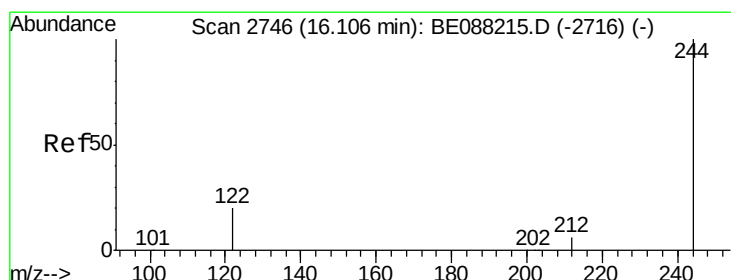
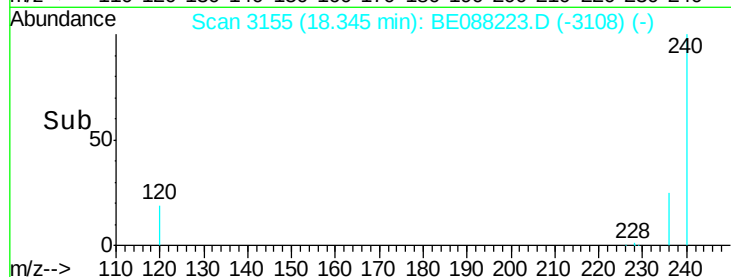
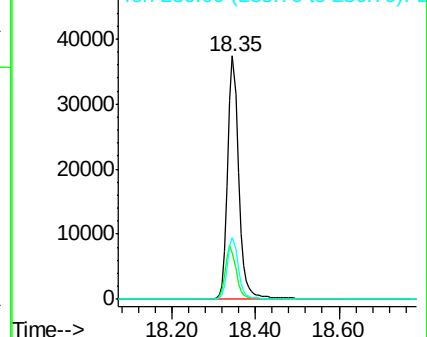
236 25.4 20.1 30.1



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: 10.11 ng

RT: 16.11 min Scan# 2748

Delta R.T. 0.00 min

Lab File: BE088223.D

Acq: 24 Oct 2014 21:11

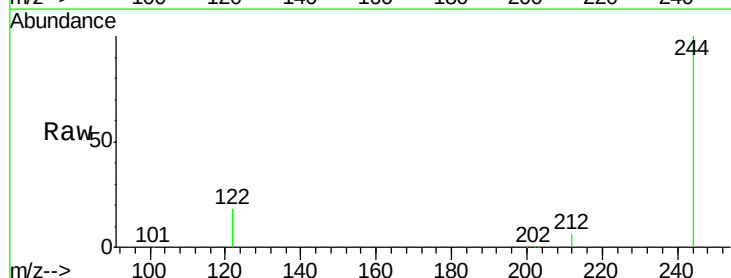
Tgt Ion:244 Resp: 109983

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.2

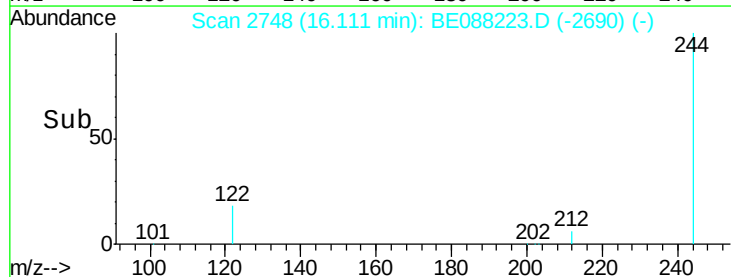
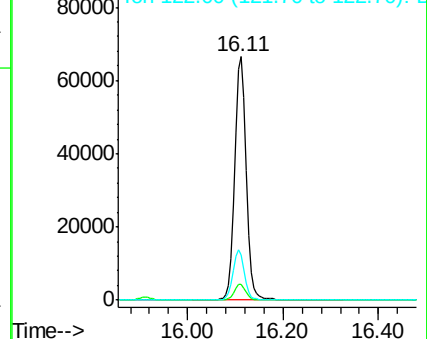
122 18.4 16.7 25.1

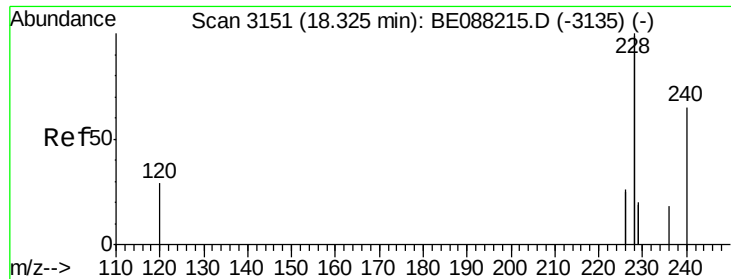


Abundance Ion 244.00 (243.70 to 244.70): E

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: BE088223.D

Acq: 24 Oct 2014 21:11

Instrument :

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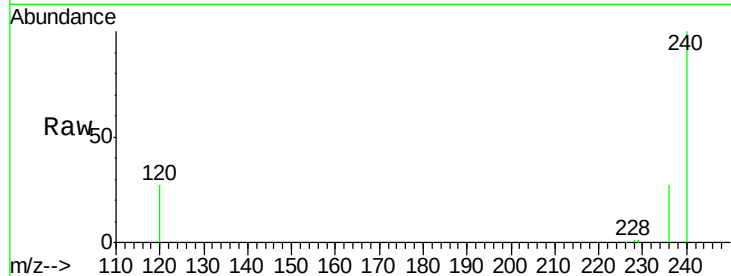
Tgt Ion:228 Resp: 1614

Ion Ratio Lower Upper

228 100

226 34.1 20.5 30.7#

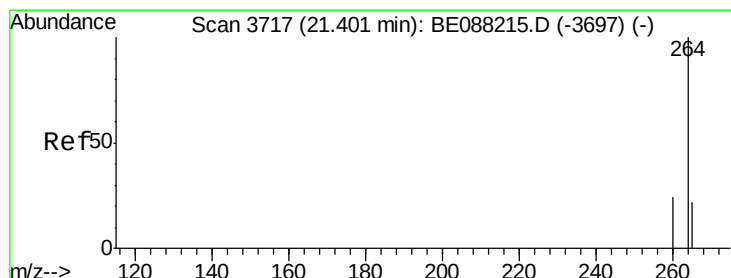
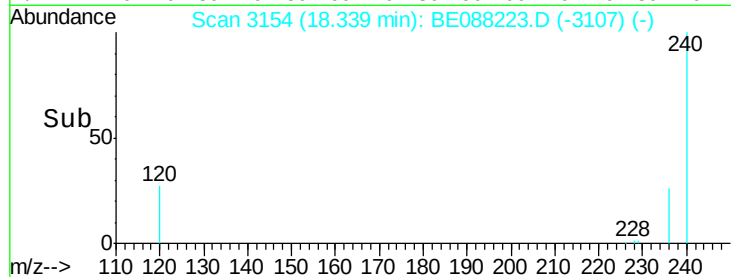
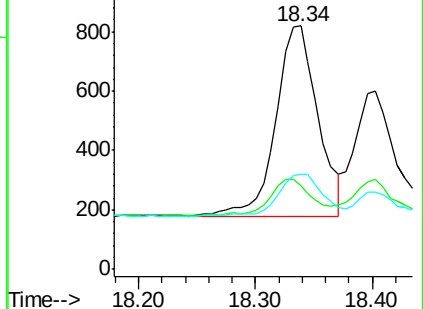
229 39.3 16.1 24.1#



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# 3718

Delta R.T. -0.00 min

Lab File: BE088223.D

Acq: 24 Oct 2014 21:11

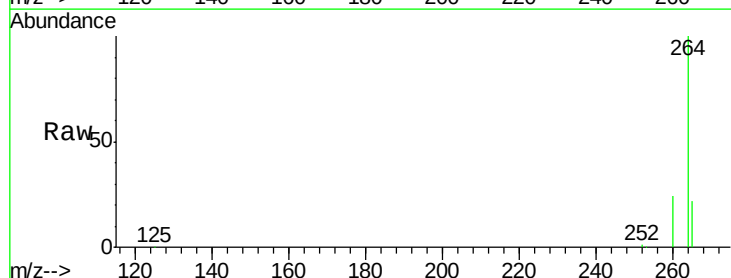
Tgt Ion:264 Resp: 59775

Ion Ratio Lower Upper

264 100

260 23.8 19.0 28.4

265 21.7 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

