

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE030316\
 Data File : BE091439.D
 Acq On : 4 Mar 2016 1:15
 Operator : UM/IZ
 Sample : MDL-BLK-S
 Misc : 0.008PPM
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MDL-BLK-S

Quant Time: Mar 04 07:52:44 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-BE030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 06:35:39 2016
 Response via : Initial Calibration

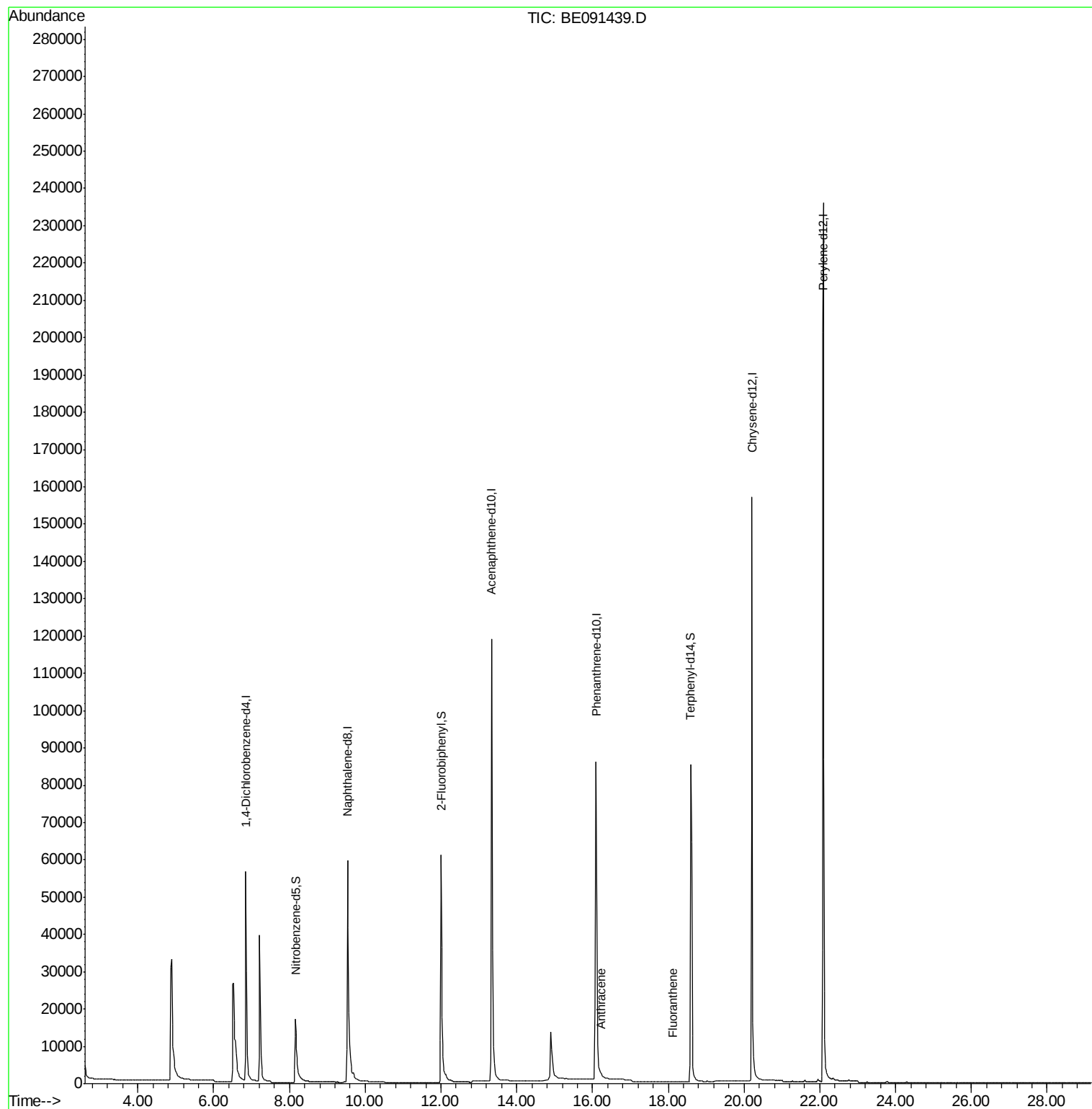
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	33846	5.00	ng	-0.02
4) Naphthalene-d8	9.53	136	137852	5.00	ng	0.00
8) Acenaphthene-d10	13.34	164	89731	5.00	ng	0.00
13) Phenanthrene-d10	16.10	188	191321	5.00	ng	0.00
19) Chrysene-d12	20.21	240	247846	5.00	ng	0.00
25) Perylene-d12	22.09	264	293376	5.00	ng	0.00
System Monitoring Compounds						
5) Nitrobenzene-d5	8.16	82	32172	3.78	ng	-0.02
9) 2-Fluorobiphenyl	12.00	172	95259	4.37	ng	0.00
21) Terphenyl-d14	18.59	244	162864	4.32	ng	-0.02
Target Compounds						
15) Pentachlorophenol	15.82	266	10	Below Cal		Qvalue 89
17) Anthracene	16.23	178	62	0.19 ng	#	44
18) Fluoranthene	18.13	202	81	0.14 ng	#	69

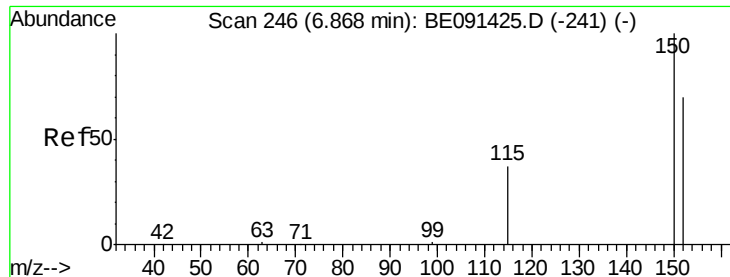
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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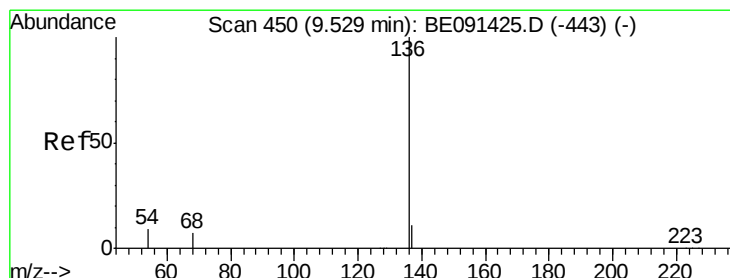
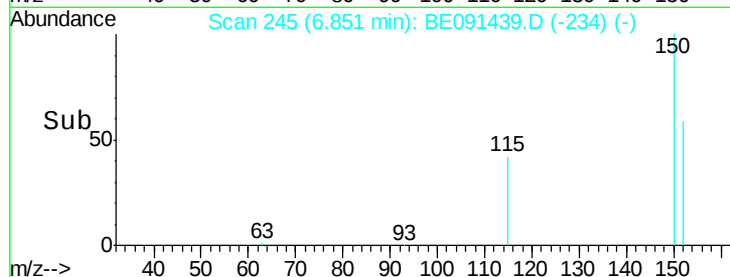
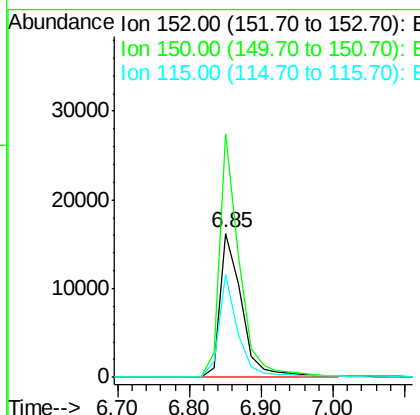
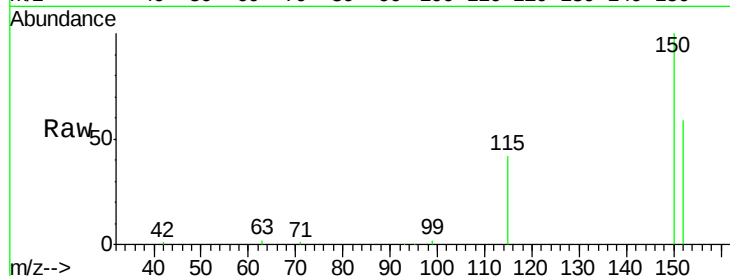




#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 6.85 min Scan# 245
 Delta R.T. -0.02 min
 Lab File: BE091439.D
 Acq: 4 Mar 2016 1:15

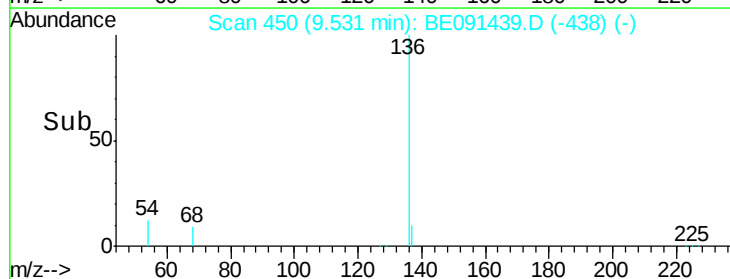
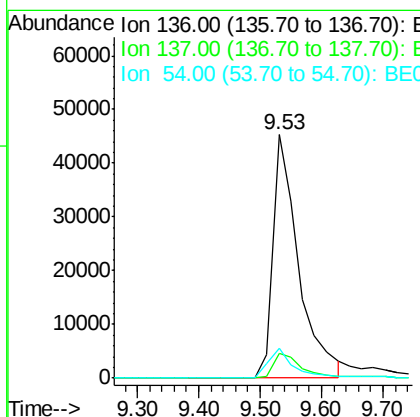
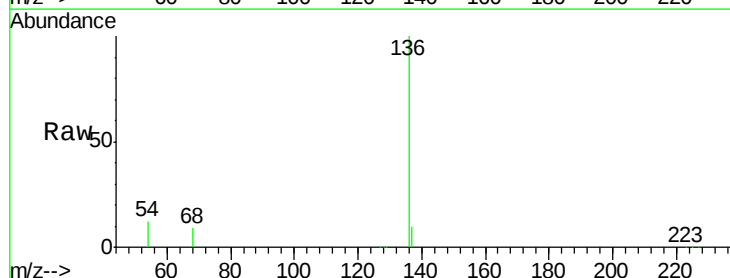
Instrument :
 BNA_E
 ClientSampleId :
 MDL-BLK-S

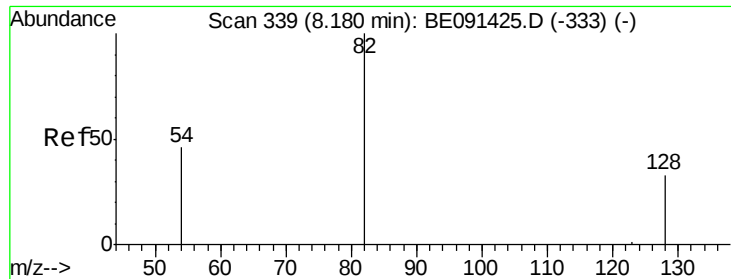
Tgt Ion:152 Resp: 33846
 Ion Ratio Lower Upper
 152 100
 150 168.8 115.0 172.4
 115 71.4 42.2 63.4#



#4
 Naphthalene-d8
 Concen: 5.00 ng
 RT: 9.53 min Scan# 450
 Delta R.T. 0.00 min
 Lab File: BE091439.D
 Acq: 4 Mar 2016 1:15

Tgt Ion:136 Resp: 137852
 Ion Ratio Lower Upper
 136 100
 137 10.4 8.7 13.1
 54 12.1 6.9 10.3#





#5

Nitrobenzene-d5

Concen: 3.78 ng

RT: 8.16 min Scan# 337

Delta R.T. -0.02 min

Lab File: BE091439.D

Acq: 4 Mar 2016 1:15

Instrument :

BNA_E

ClientSampleId :

MDL-BLK-S

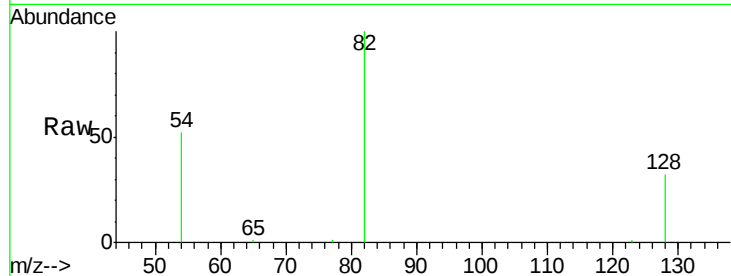
Tgt Ion: 82 Resp: 32172

Ion Ratio Lower Upper

82 100

128 32.1 30.0 45.0

54 51.6 41.5 62.3



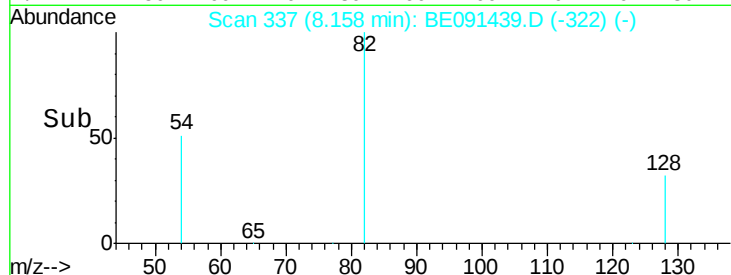
Abundance Ion 82.00 (81.70 to 82.70): BE091425.D (-333) (-)

Ion 128.00 (127.70 to 128.70): BE091425.D (-333) (-)

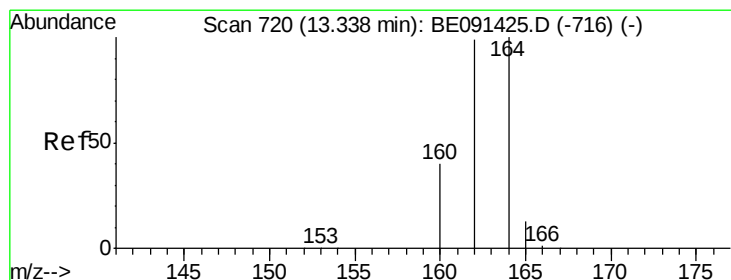
Ion 54.00 (53.70 to 54.70): BE091425.D (-333) (-)

8.16

Time-->



Time-->



#8

Acenaphthene-d10

Concen: 5.00 ng

RT: 13.34 min Scan# 720

Delta R.T. -0.00 min

Lab File: BE091439.D

Acq: 4 Mar 2016 1:15

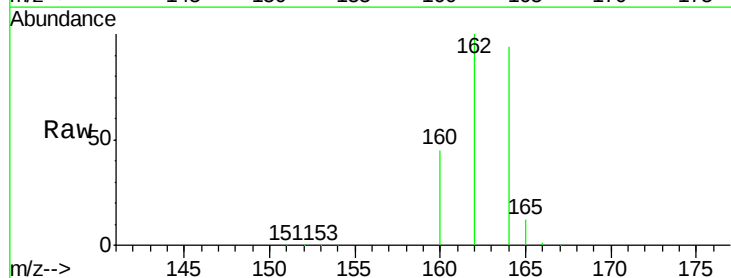
Tgt Ion: 164 Resp: 89731

Ion Ratio Lower Upper

164 100

162 106.9 79.1 118.7

160 47.8 32.4 48.6



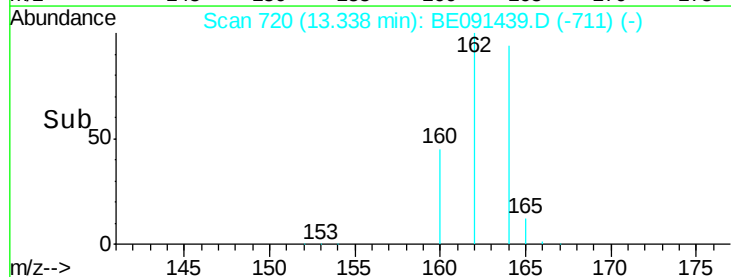
Abundance Ion 164.00 (163.70 to 164.70): BE091425.D (-716) (-)

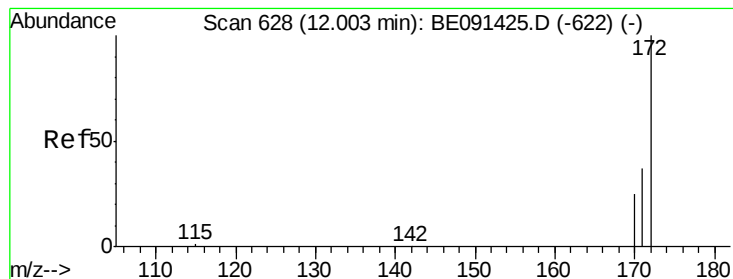
Ion 162.00 (161.70 to 162.70): BE091425.D (-716) (-)

Ion 160.00 (159.70 to 160.70): BE091425.D (-716) (-)

13.34

Time-->





#9

2-Fluorobiphenyl

Concen: 4.37 ng

RT: 12.00 min Scan# 628

Delta R.T. -0.00 min

Lab File: BE091439.D

Acq: 4 Mar 2016 1:15

Instrument :

BNA_E

ClientSampleId :

MDL-BLK-S

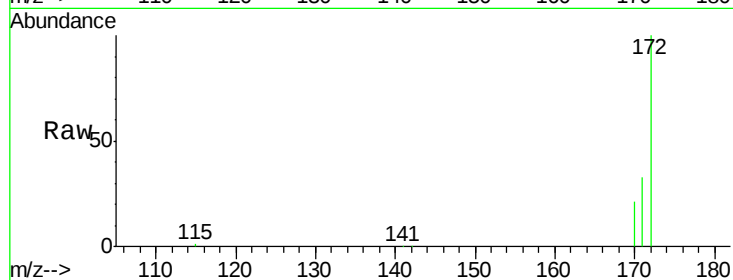
Tgt Ion:172 Resp: 95259

Ion Ratio Lower Upper

172 100

171 33.0 30.2 45.4

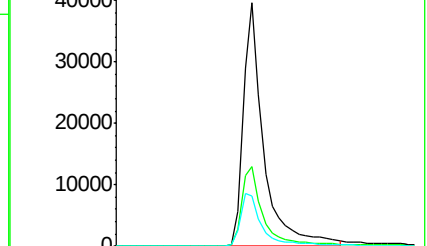
170 20.9 20.9 31.3



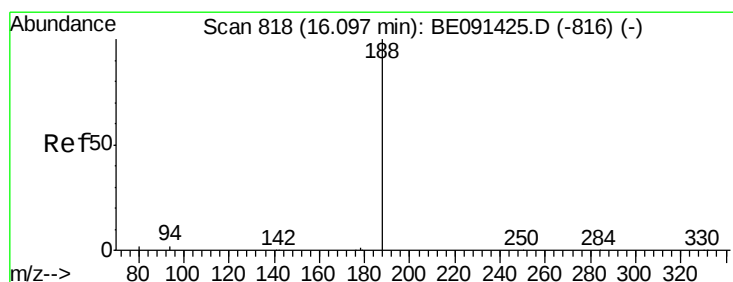
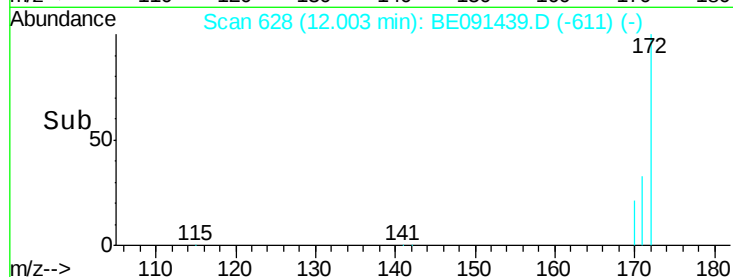
Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



Time-->



#13

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.10 min Scan# 818

Delta R.T. 0.00 min

Lab File: BE091439.D

Acq: 4 Mar 2016 1:15

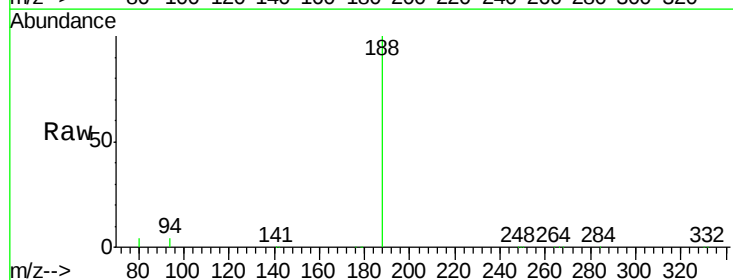
Tgt Ion:188 Resp: 191321

Ion Ratio Lower Upper

188 100

94 3.7 2.1 3.1#

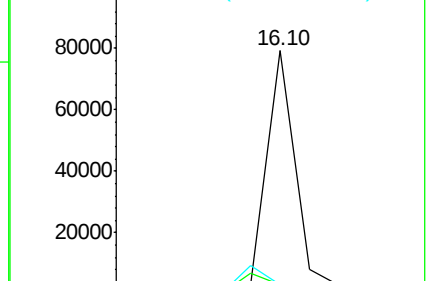
80 3.7 1.9 2.9#



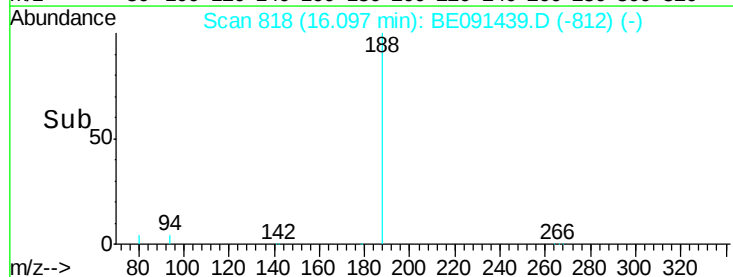
Abundance Ion 188.00 (187.70 to 188.70): E

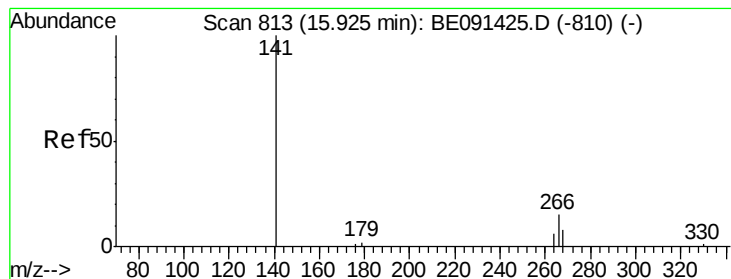
Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



Time-->





#15

Pentachlorophenol

Concen: Below Cal

RT: 15.82 min Scan# 810

Delta R.T. -0.10 min

Lab File: BE091439.D

Acq: 4 Mar 2016 1:15

Instrument :

BNA_E

ClientSampleId :

MDL-BLK-S

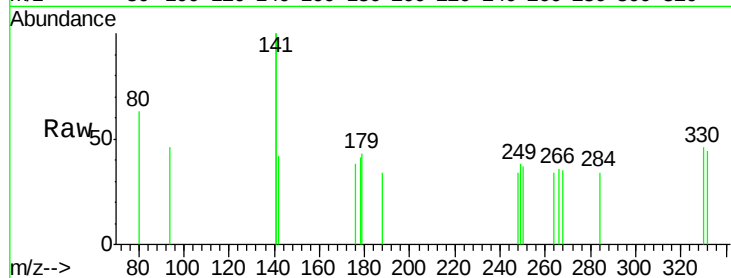
Tgt Ion: 266 Resp: 10

Ion Ratio Lower Upper

266 100

268 98.0 73.0 109.6

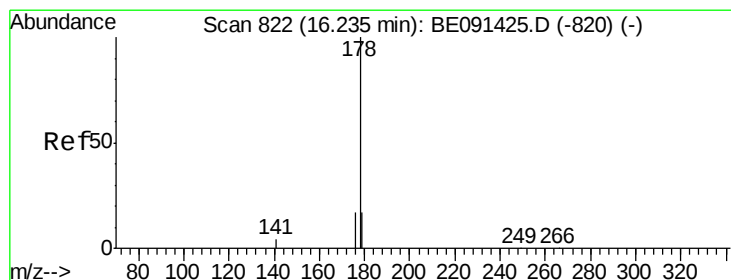
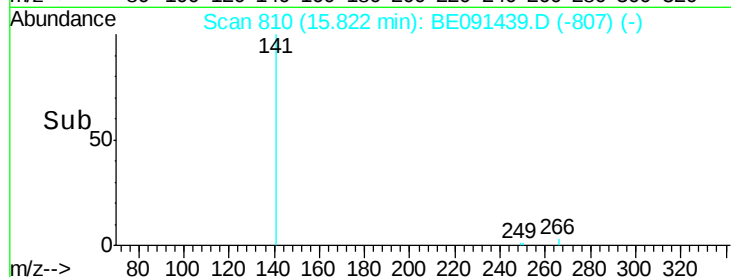
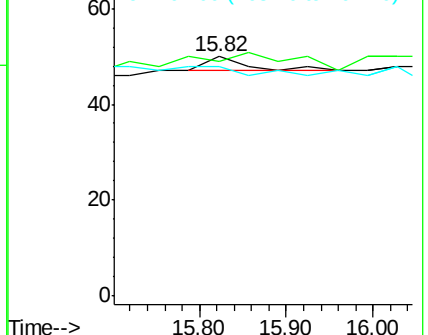
264 96.0 66.1 99.1



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#17

Anthracene

Concen: 0.19 ng

RT: 16.23 min Scan# 822

Delta R.T. 0.00 min

Lab File: BE091439.D

Acq: 4 Mar 2016 1:15

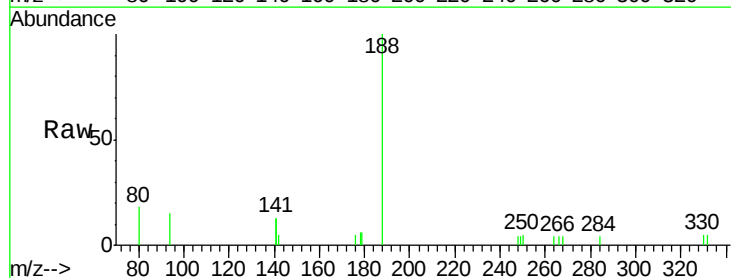
Tgt Ion: 178 Resp: 62

Ion Ratio Lower Upper

178 100

176 0.0 24.4 36.6#

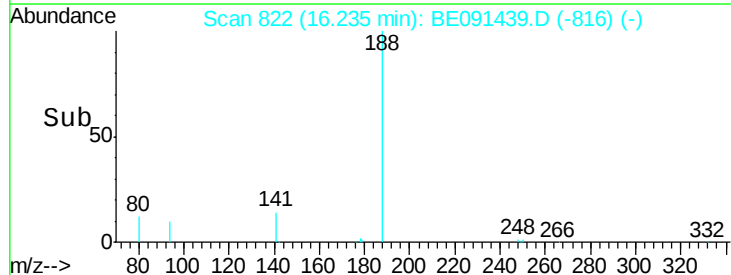
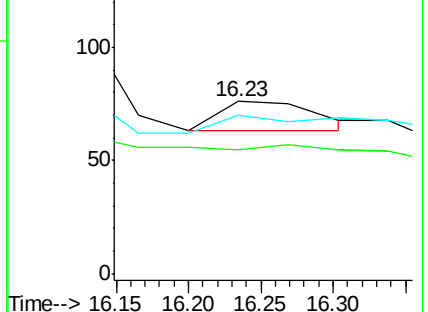
179 43.5 14.8 22.2#

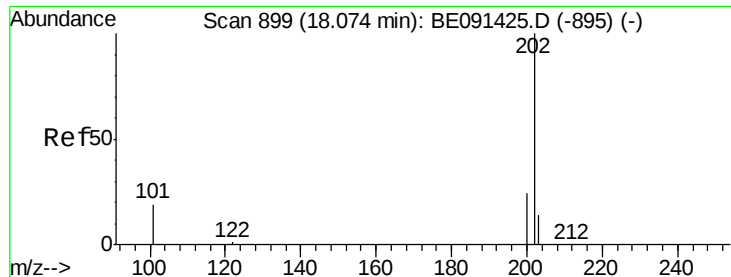


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

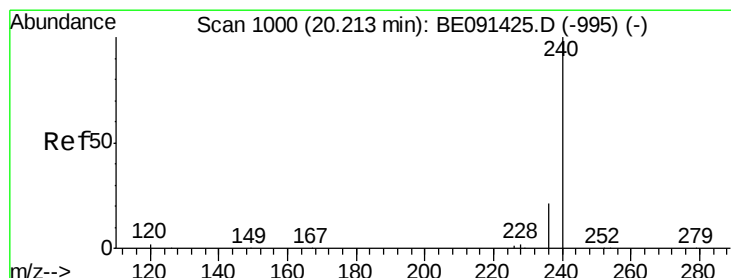
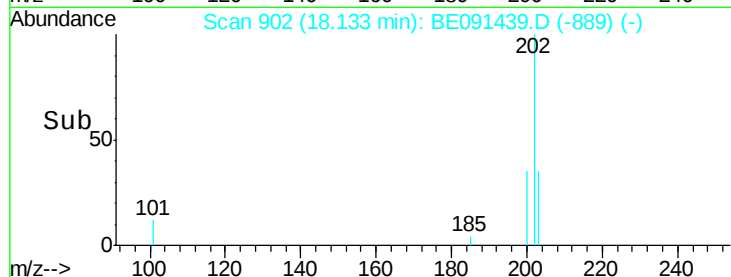
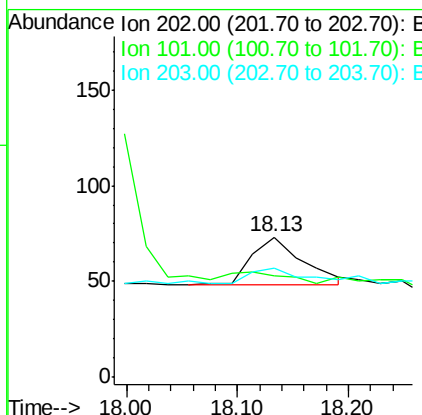
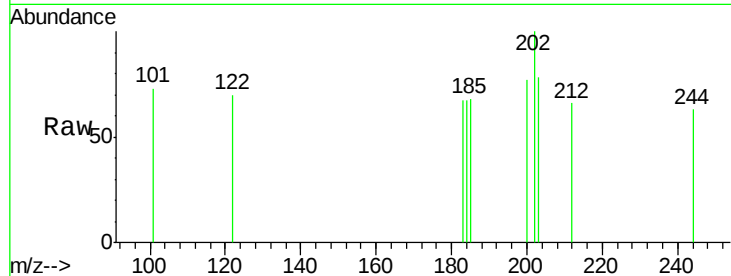




#18
Fluoranthene
 Concen: 0.14 ng
 RT: 18.13 min Scan# 902
 Delta R.T. 0.06 min
 Lab File: BE091439.D
 Acq: 4 Mar 2016 1:15

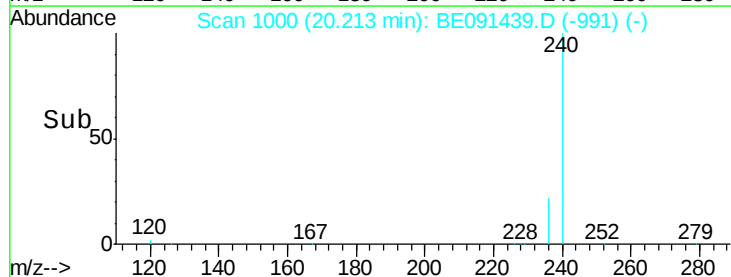
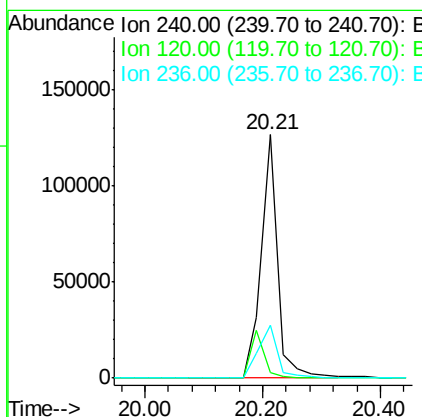
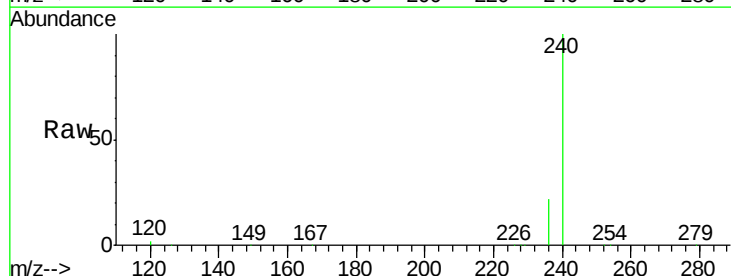
Instrument :
 BNA_E
 ClientSampleId :
 MDL-BLK-S

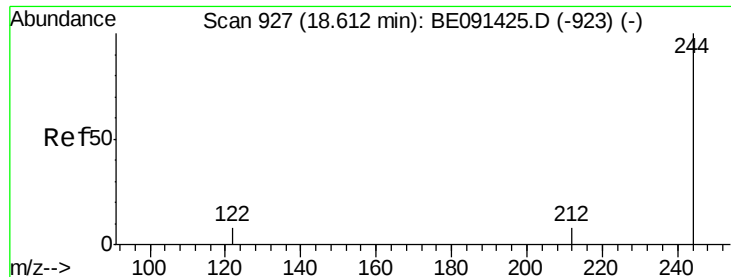
Tgt Ion:202 Resp: 81
 Ion Ratio Lower Upper
 202 100
 101 25.9 11.0 16.6#
 203 30.9 13.7 20.5#



#19
Chrysene-d12
 Concen: 5.00 ng
 RT: 20.21 min Scan# 1000
 Delta R.T. -0.00 min
 Lab File: BE091439.D
 Acq: 4 Mar 2016 1:15

Tgt Ion:240 Resp: 247846
 Ion Ratio Lower Upper
 240 100
 120 2.1 1.4 2.0#
 236 21.5 16.7 25.1

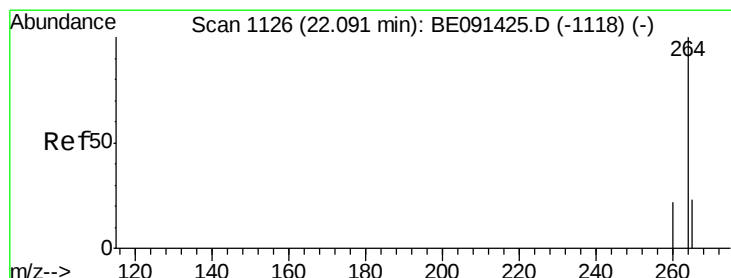
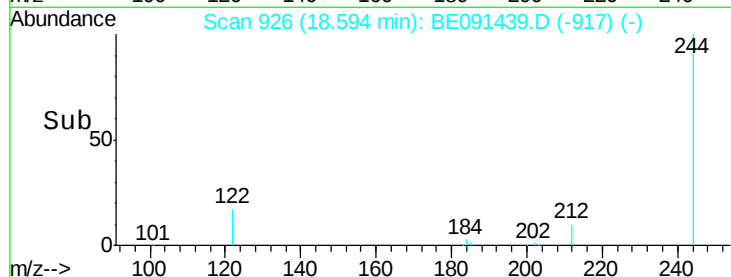
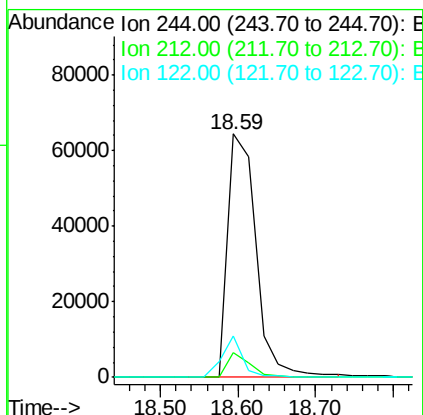
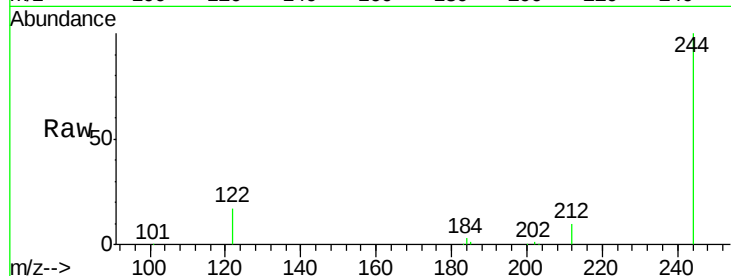




#21
 Terphenyl-d14
 Concen: 4.32 ng
 RT: 18.59 min Scan# 926
 Delta R.T. -0.02 min
 Lab File: BE091439.D
 Acq: 4 Mar 2016 1:15

Instrument :
 BNA_E
 ClientSampleId :
 MDL-BLK-S

Tgt Ion:244 Resp: 162864
 Ion Ratio Lower Upper
 244 100
 212 10.0 7.0 10.6
 122 17.2 6.8 10.2#



#25
 Perylene-d12
 Concen: 5.00 ng
 RT: 22.09 min Scan# 1126
 Delta R.T. 0.00 min
 Lab File: BE091439.D
 Acq: 4 Mar 2016 1:15

Tgt Ion:264 Resp: 293376
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.0 27.0
 265 23.5 18.2 27.4

