

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE091715\
 Data File : BE090876.D
 Acq On : 17 Sep 2015 22:07
 Operator : UM/IZ
 Sample : G3700-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 091515-P004-E-D-M

Quant Time: Sep 18 03:49:26 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 11:40:50 2015
 Response via : Initial Calibration

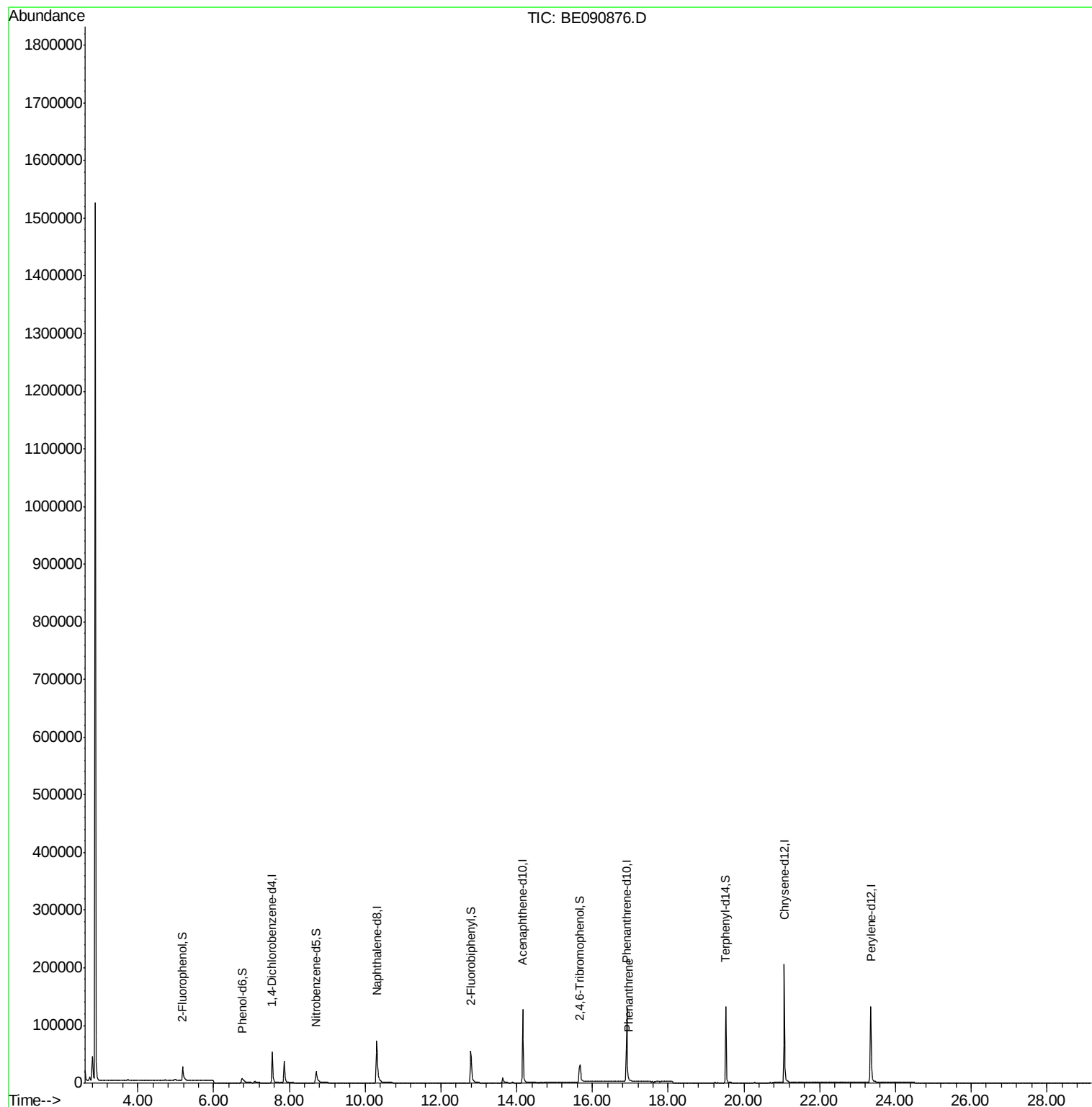
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	32968	5.00	ng	0.00
6) Naphthalene-d8	10.31	136	147983	5.00	ng	0.00
12) Acenaphthene-d10	14.16	164	77925	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	187828	5.00	ng	0.00
25) Chrysene-d12	21.07	240	219223	5.00	ng	0.00
32) Perylene-d12	23.35	264	197228	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	26856	4.19	ng	0.00
5) Phenol-d6	6.75	99	21923	2.39	ng	0.00
7) Nitrobenzene-d5	8.71	82	37645	3.85	ng	0.00
13) 2,4,6-Tribromophenol	15.68	330	18353	8.02	ng	0.00
14) 2-Fluorobiphenyl	12.79	172	86398	4.00	ng	0.00
27) Terphenyl-d14	19.53	244	150391	6.20	ng	-0.01
Target Compounds						
22) Phenanthrene	16.95	178	1243	0.03	ng	Qvalue # 69

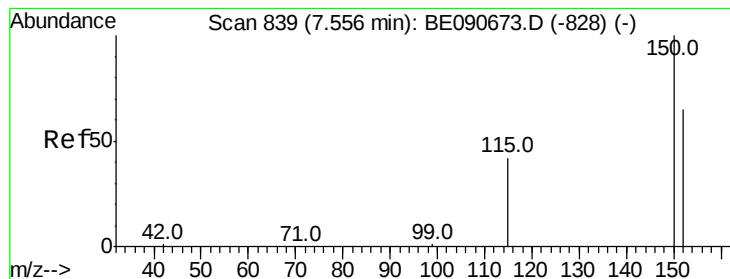
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.55 min Scan# 837

Delta R.T. -0.01 min

Lab File: BE090876.D

Acq: 17 Sep 2015 22:07

Instrument :

BNA_E

ClientSampleId :

091515-P004-E-D-M

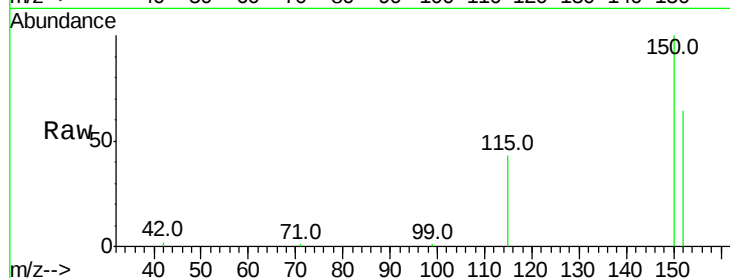
Tgt Ion:152 Resp: 32968

Ion Ratio Lower Upper

152 100

150 156.5 122.2 183.4

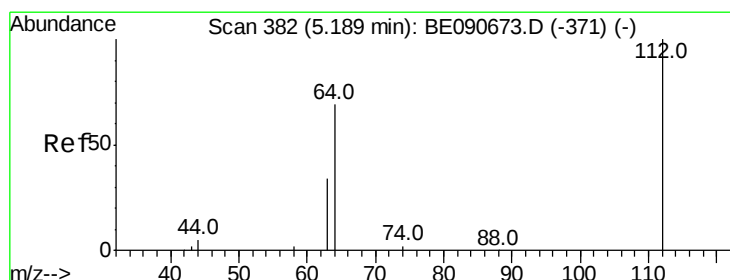
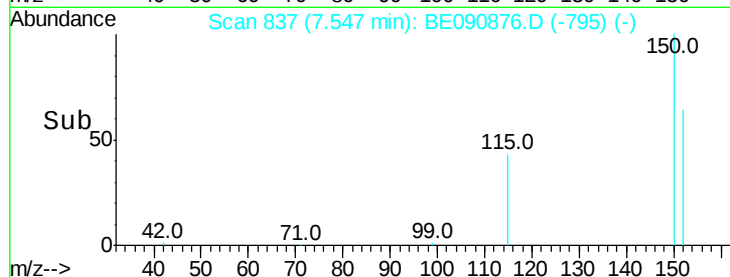
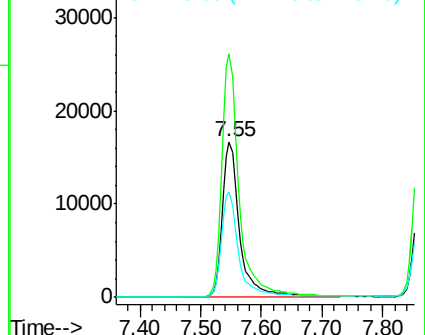
115 67.4 51.0 76.4



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



#4

2-Fluorophenol

Concen: 4.19 ng

RT: 5.18 min Scan# 381

Delta R.T. -0.01 min

Lab File: BE090876.D

Acq: 17 Sep 2015 22:07

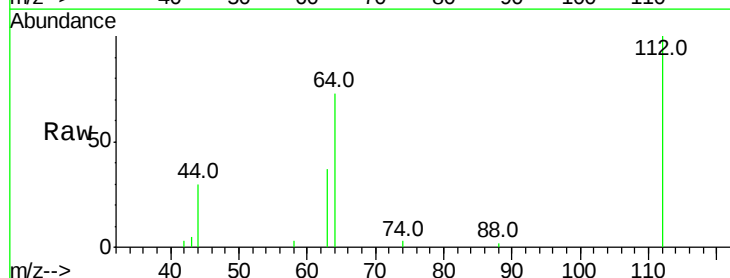
Tgt Ion:112 Resp: 26856

Ion Ratio Lower Upper

112 100

64 73.3 57.3 85.9

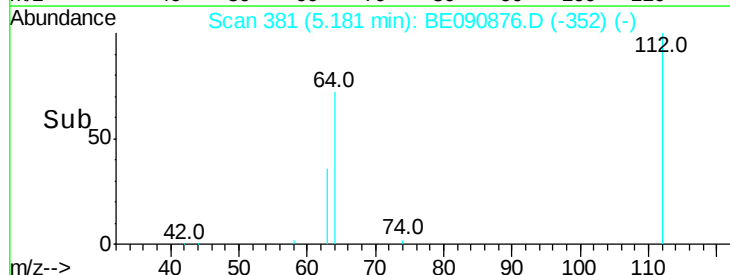
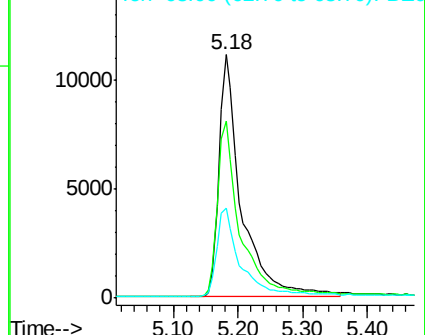
63 37.9 29.2 43.8

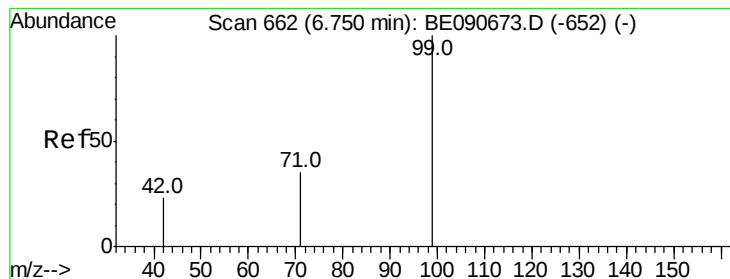


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 2.39 ng

RT: 6.75 min Scan# 661

Delta R.T. -0.00 min

Lab File: BE090876.D

Acq: 17 Sep 2015 22:07

Instrument :

BNA_E

ClientSampleId :

091515-P004-E-D-M

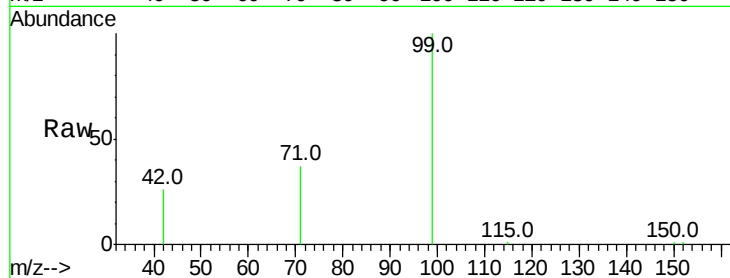
Tgt Ion: 99 Resp: 21923

Ion Ratio Lower Upper

99 100

42 21.3 16.8 25.2

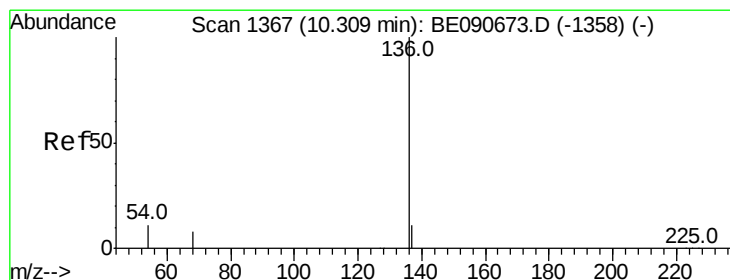
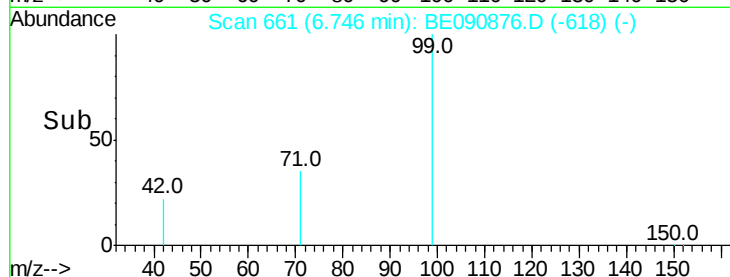
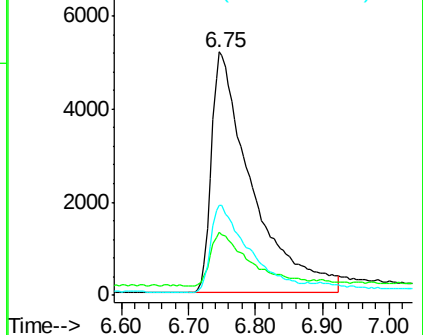
71 34.7 28.3 42.5



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.31 min Scan# 1367

Delta R.T. 0.00 min

Lab File: BE090876.D

Acq: 17 Sep 2015 22:07

Tgt Ion: 136 Resp: 147983

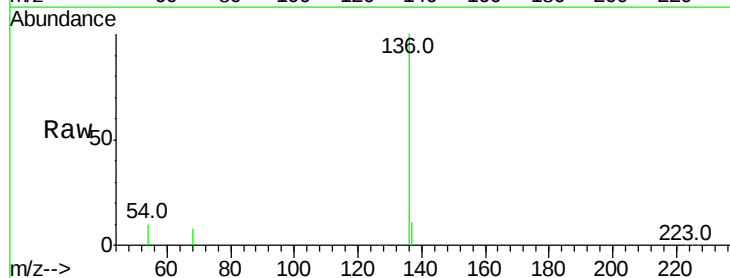
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 10.4 9.0 13.6

68 7.6 6.3 9.5

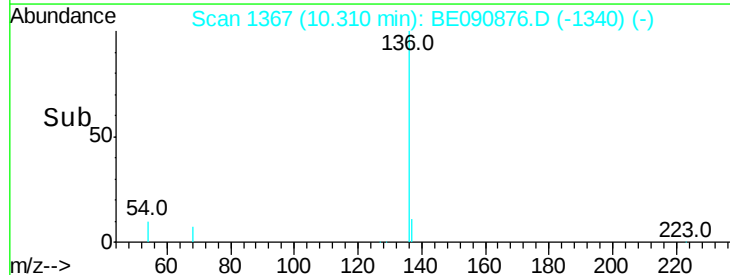
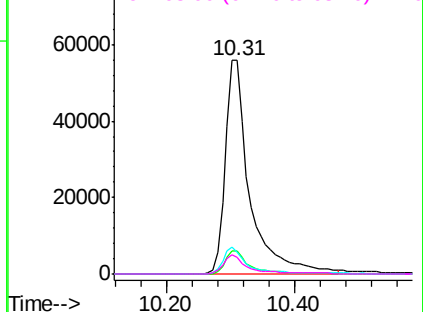


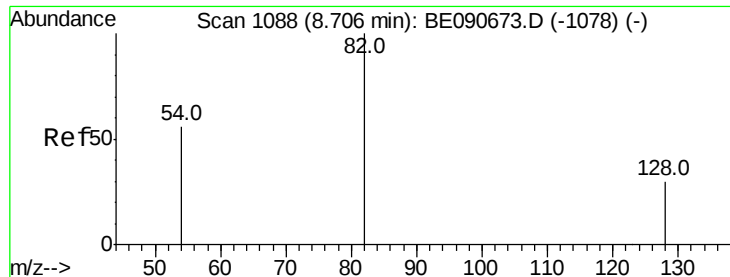
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0





#7

Nitrobenzene-d5

Concen: 3.85 ng

RT: 8.71 min Scan# 1088

Delta R.T. -0.00 min

Lab File: BE090876.D

Acq: 17 Sep 2015 22:07

Instrument :

BNA_E

ClientSampleId :

091515-P004-E-D-M

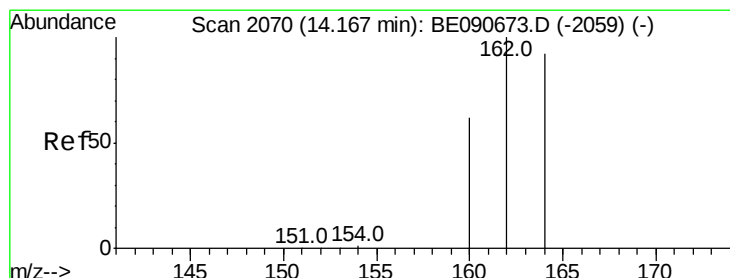
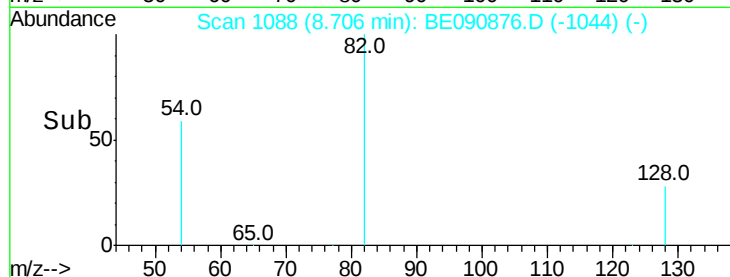
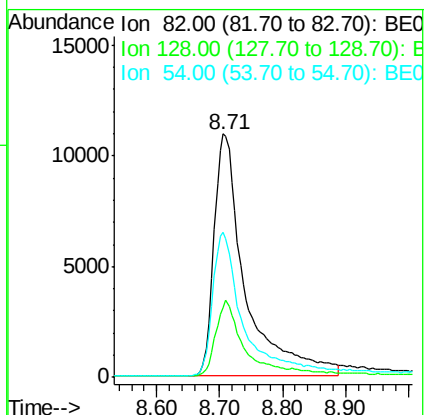
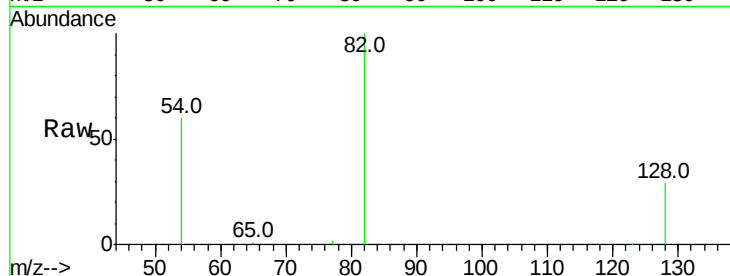
Tgt Ion: 82 Resp: 37645

Ion Ratio Lower Upper

82 100

128 28.8 25.0 37.4

54 59.6 46.3 69.5



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.16 min Scan# 2069

Delta R.T. -0.01 min

Lab File: BE090876.D

Acq: 17 Sep 2015 22:07

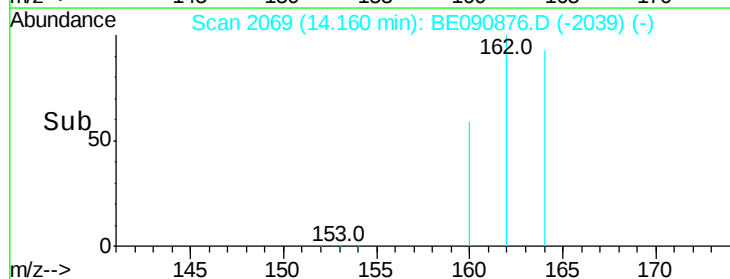
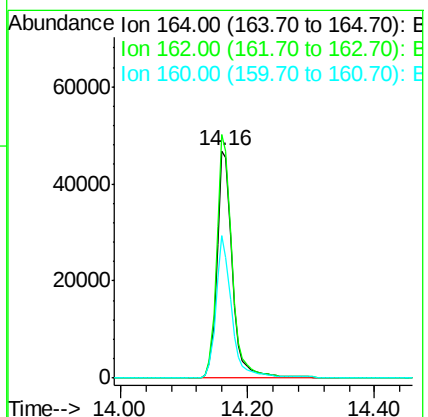
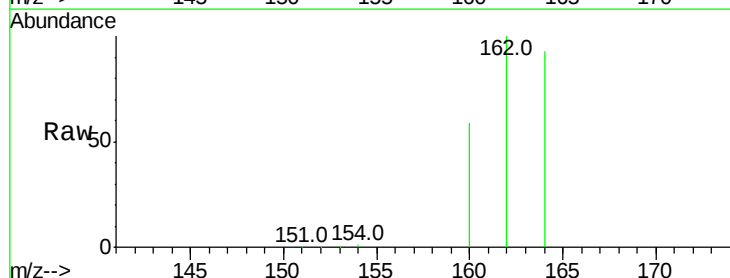
Tgt Ion: 164 Resp: 77925

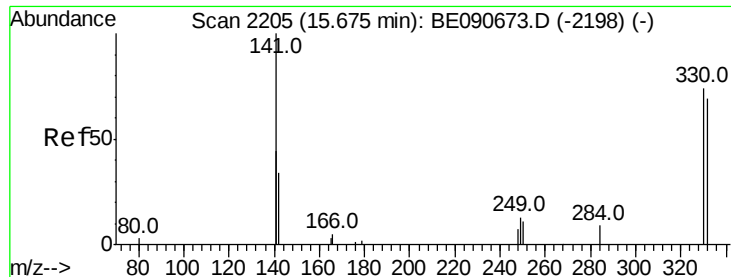
Ion Ratio Lower Upper

164 100

162 107.1 86.8 130.2

160 62.8 53.9 80.9

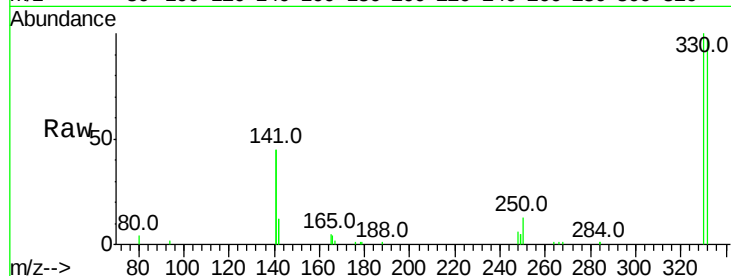




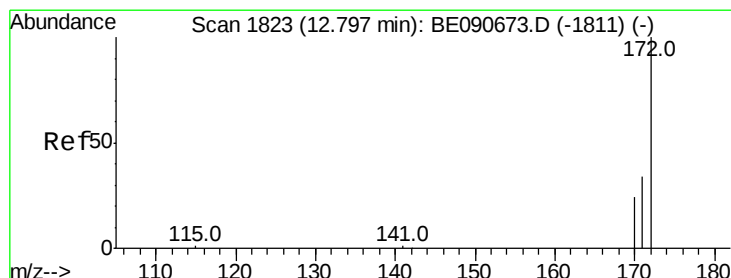
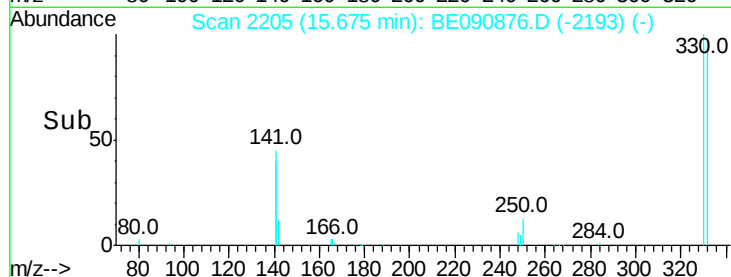
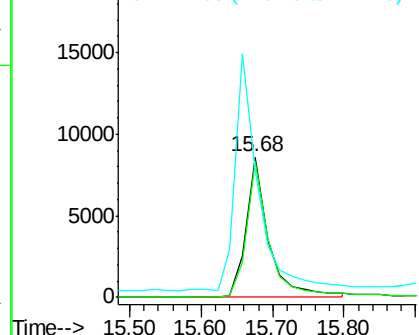
#13
 2,4,6-Tribromophenol
 Concen: 8.02 ng
 RT: 15.68 min Scan# 2205
 Delta R.T. 0.00 min
 Lab File: BE090876.D
 Acq: 17 Sep 2015 22:07

Instrument :
 BNA_E
 ClientSampleId :
 091515-P004-E-D-M

Tgt Ion: 330 Resp: 18353
 Ion Ratio Lower Upper
 330 100
 332 95.9 74.9 112.3
 141 178.7 145.2 217.8

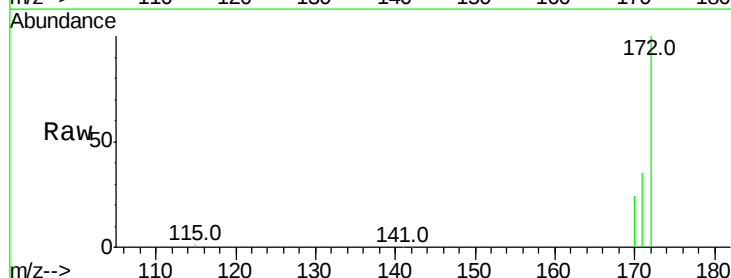


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

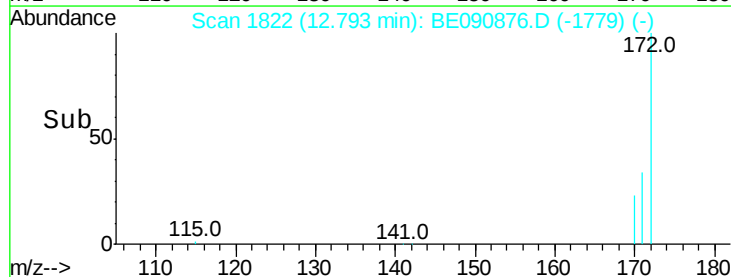
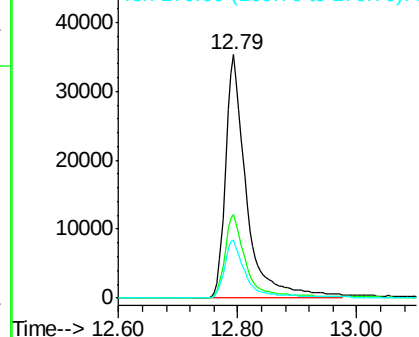


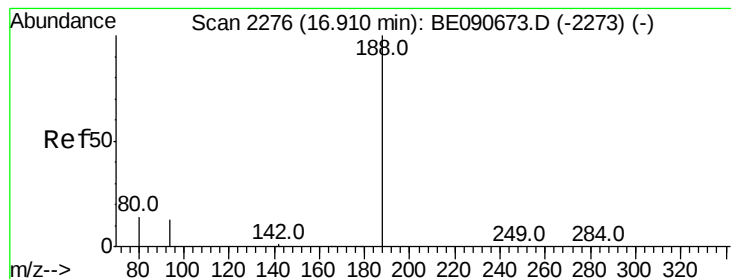
#14
 2-Fluorobiphenyl
 Concen: 4.00 ng
 RT: 12.79 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: BE090876.D
 Acq: 17 Sep 2015 22:07

Tgt Ion: 172 Resp: 86398
 Ion Ratio Lower Upper
 172 100
 171 34.5 27.8 41.8
 170 23.6 19.8 29.6



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





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.91 min Scan# 2276

Delta R.T. 0.00 min

Lab File: BE090876.D

Acq: 17 Sep 2015 22:07

Instrument :

BNA_E

ClientSampleId :

091515-P004-E-D-M

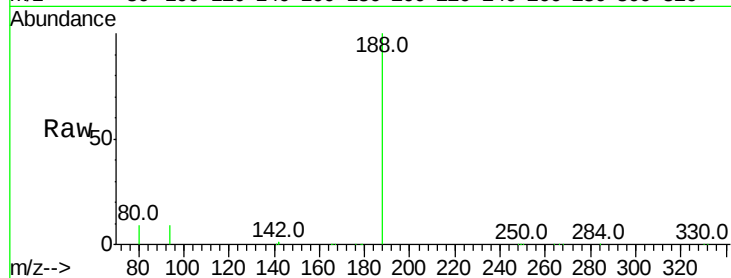
Tgt Ion:188 Resp: 187828

Ion Ratio Lower Upper

188 100

94 8.6 10.3 15.5#

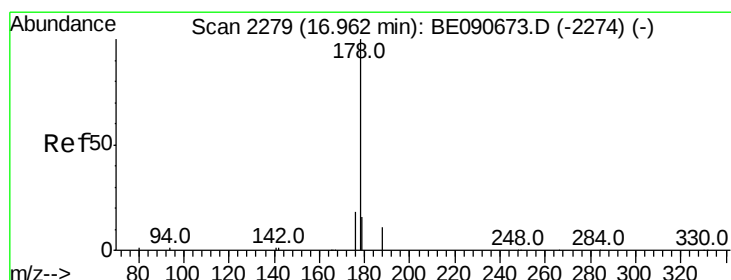
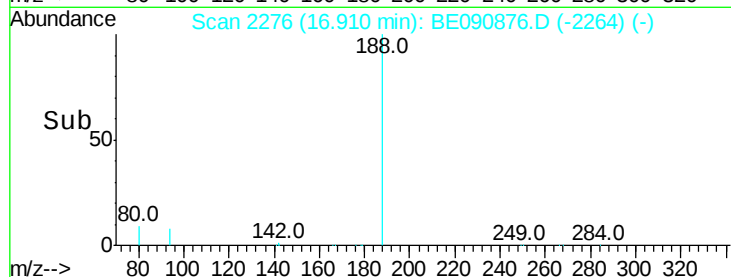
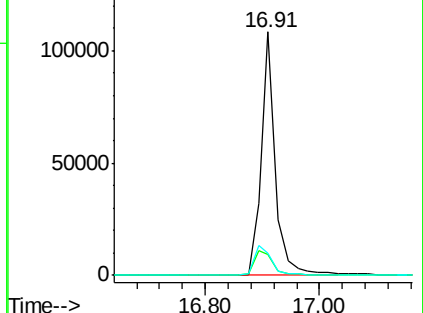
80 9.1 11.0 16.6#



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



#22

Phenanthrene

Concen: 0.03 ng

RT: 16.95 min Scan# 2278

Delta R.T. -0.02 min

Lab File: BE090876.D

Acq: 17 Sep 2015 22:07

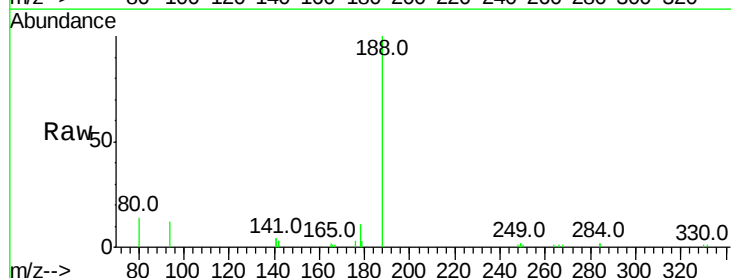
Tgt Ion:178 Resp: 1243

Ion Ratio Lower Upper

178 100

176 24.9 15.6 23.4#

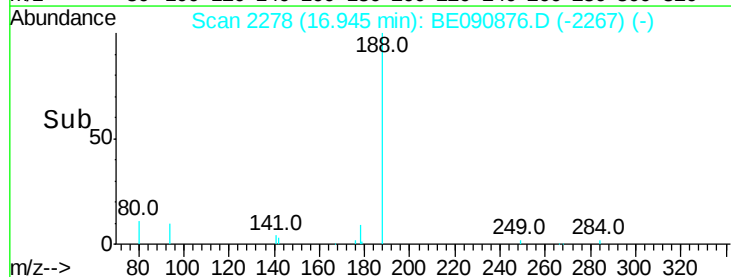
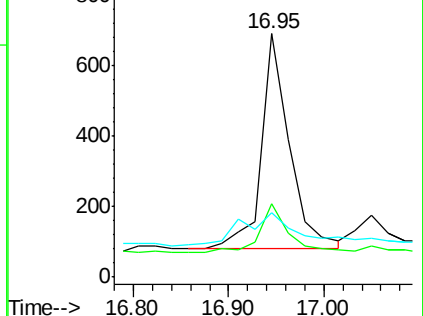
179 38.8 12.8 19.2#

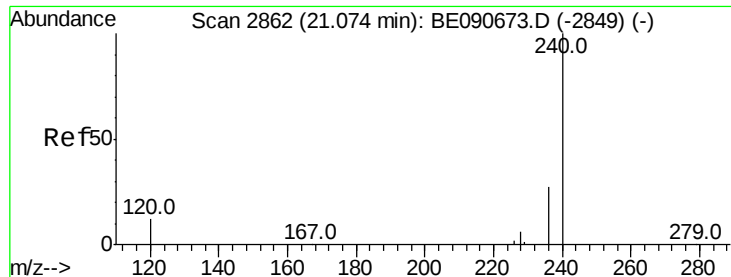


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.07 min Scan# 2861

Delta R.T. -0.01 min

Lab File: BE090876.D

Acq: 17 Sep 2015 22:07

Instrument :

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ClientSampleId :

091515-P004-E-D-M

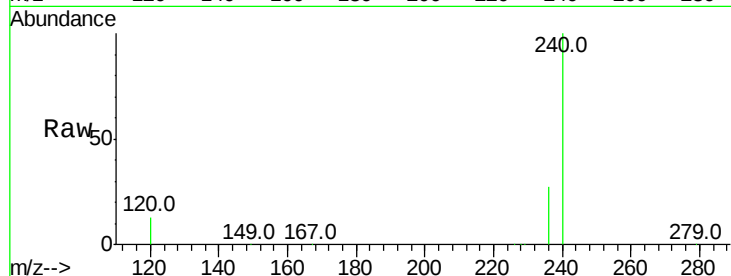
Tgt Ion:240 Resp: 219223

Ion Ratio Lower Upper

240 100

120 13.4 10.1 15.1

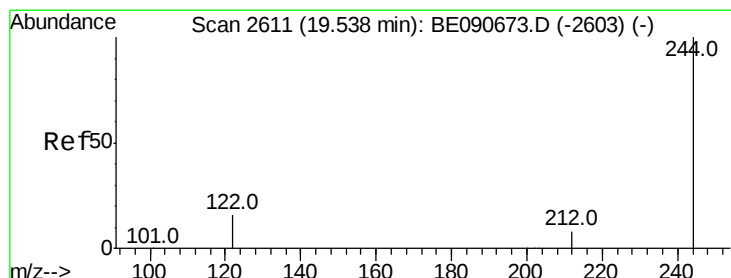
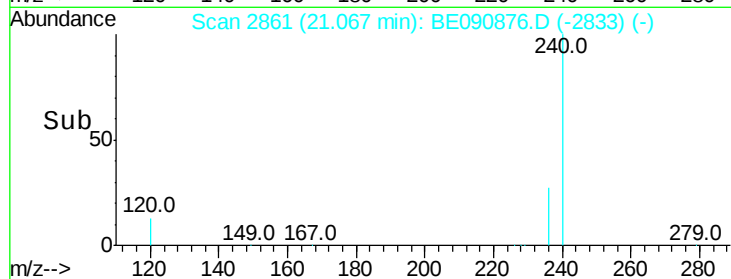
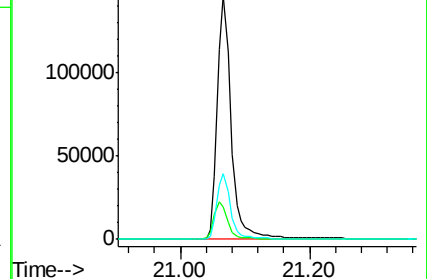
236 26.9 21.9 32.9



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



#27

Terphenyl-d14

Concen: 6.20 ng

RT: 19.53 min Scan# 2609

Delta R.T. -0.01 min

Lab File: BE090876.D

Acq: 17 Sep 2015 22:07

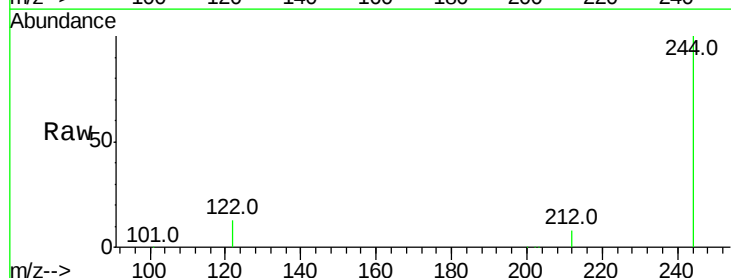
Tgt Ion:244 Resp: 150391

Ion Ratio Lower Upper

244 100

212 8.0 6.9 10.3

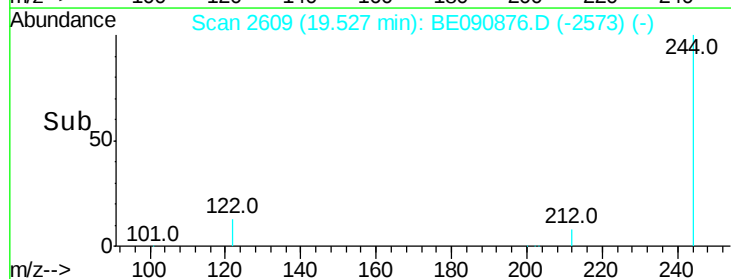
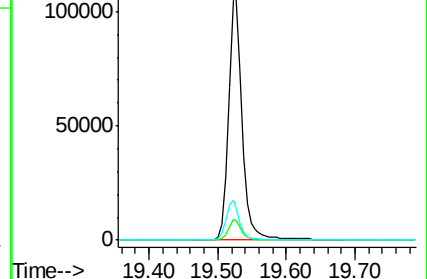
122 13.3 12.9 19.3

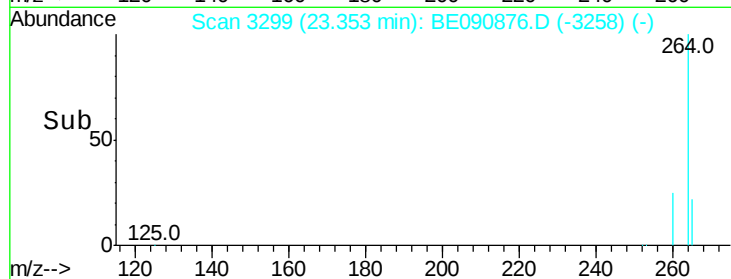
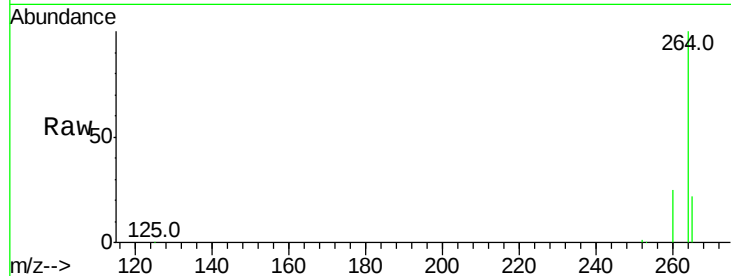
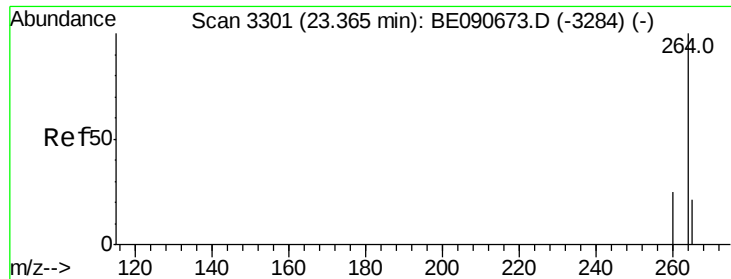


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Perylene-d12

Concen: 5.00 ng

RT: 23.35 min Scan# 3299

Delta R.T. -0.01 min

Lab File: BE090876.D

Acq: 17 Sep 2015 22:07

Instrument :

BNA_E

ClientSampleId :

091515-P004-E-D-M

Tgt Ion: 264 Resp: 197228

Ion Ratio Lower Upper

264 100

260 24.9 19.7 29.5

265 21.9 17.5 26.3

