

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE091715\
 Data File : BE090879.D
 Acq On : 17 Sep 2015 23:55
 Operator : UM/IZ
 Sample : G3700-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Sep 18 01:31:28 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

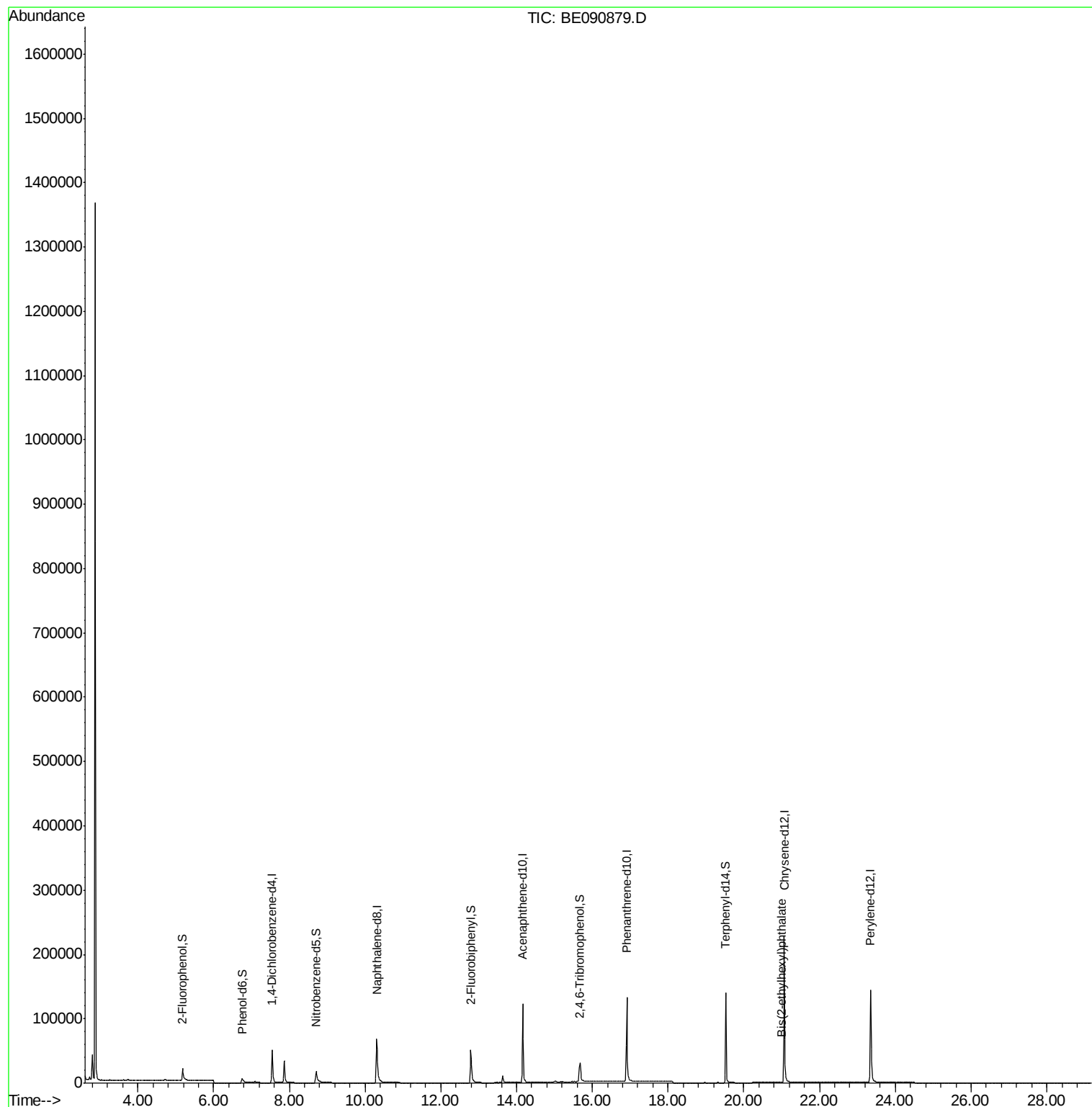
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	31123	5.00	ng	0.00
6) Naphthalene-d8	10.30	136	141835	5.00	ng	0.00
12) Acenaphthene-d10	14.16	164	76596	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	191490	5.00	ng	0.00
25) Chrysene-d12	21.07	240	239164	5.00	ng	0.00
32) Perylene-d12	23.35	264	216260	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	21834	3.61	ng	0.00
5) Phenol-d6	6.75	99	18044	2.08	ng	0.00
7) Nitrobenzene-d5	8.71	82	33887	3.62	ng	0.00
13) 2,4,6-Tribromophenol	15.67	330	17821	7.93	ng	0.00
14) 2-Fluorobiphenyl	12.79	172	81689	3.85	ng	0.00
27) Terphenyl-d14	19.52	244	154985	5.86	ng	-0.02
Target Compounds						
30) Bis(2-ethylhexyl)phthalate	20.99	149	1271	0.16	ng	Qvalue 95

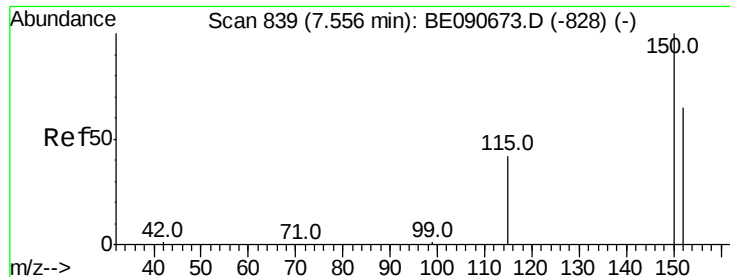
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE090879.D

Acq: 17 Sep 2015 23:55

Instrument :

BNA_E

ClientSampleId :

091515-P004-E-U-M

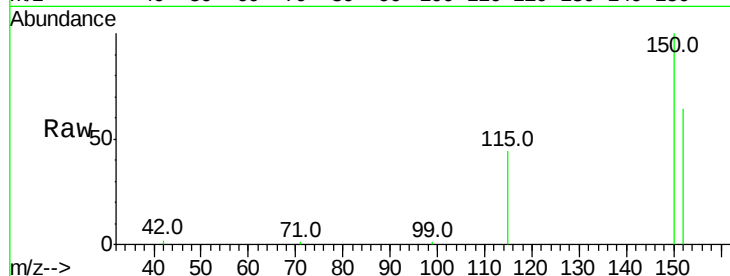
Tgt Ion:152 Resp: 31123

Ion Ratio Lower Upper

152 100

150 156.6 122.2 183.4

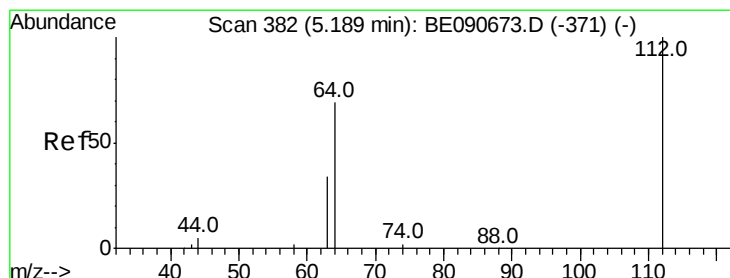
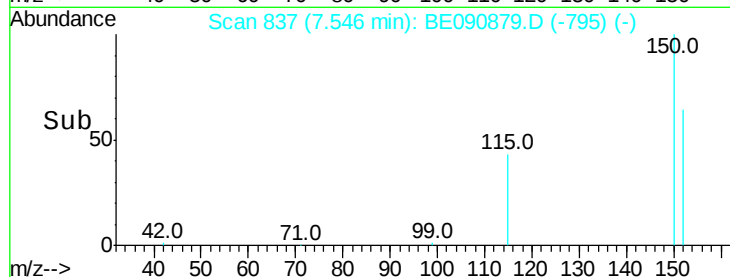
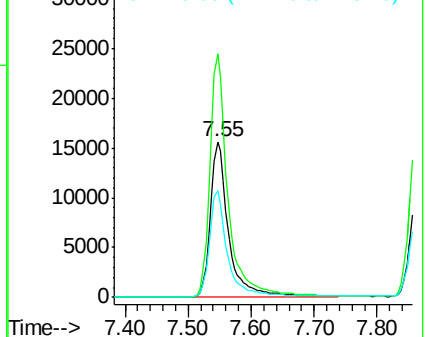
115 68.3 51.0 76.4



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: 3.61 ng

RT: 5.18 min Scan# 381

Delta R.T. -0.00 min

Lab File: BE090879.D

Acq: 17 Sep 2015 23:55

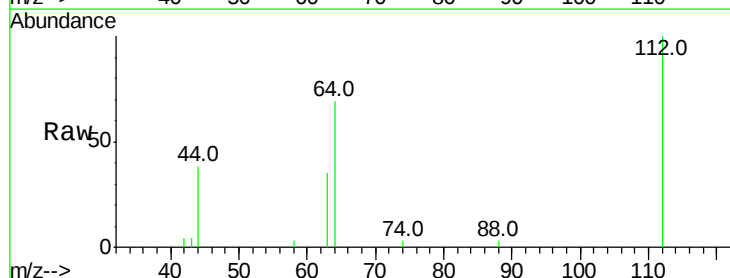
Tgt Ion:112 Resp: 21834

Ion Ratio Lower Upper

112 100

64 73.2 57.3 85.9

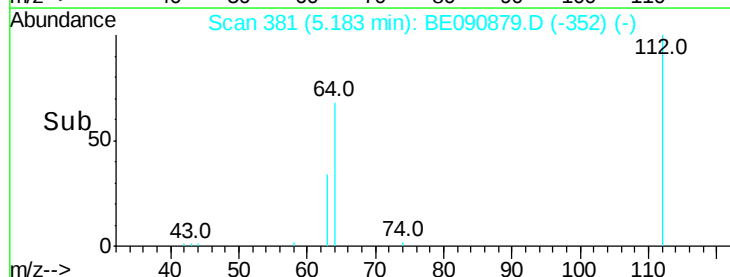
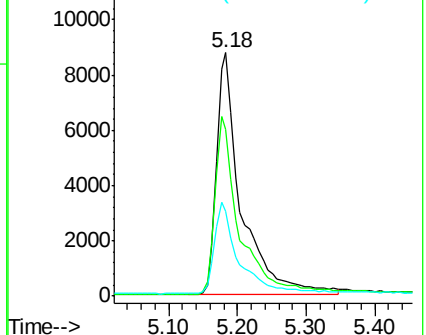
63 37.6 29.2 43.8

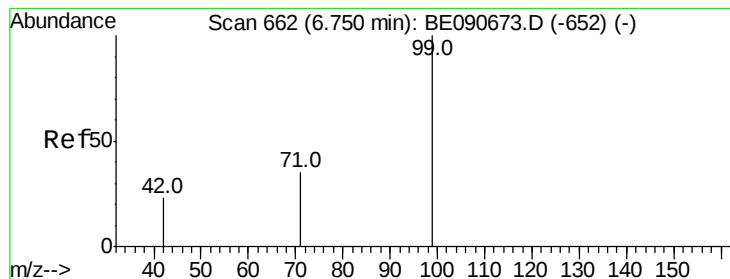


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 2.08 ng

RT: 6.75 min Scan# 662

Delta R.T. -0.00 min

Lab File: BE090879.D

Acq: 17 Sep 2015 23:55

Instrument :

BNA_E

ClientSampleId :

091515-P004-E-U-M

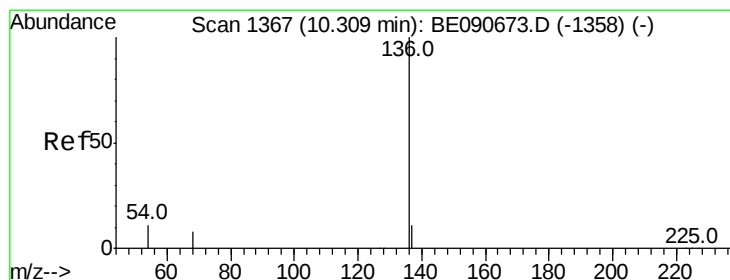
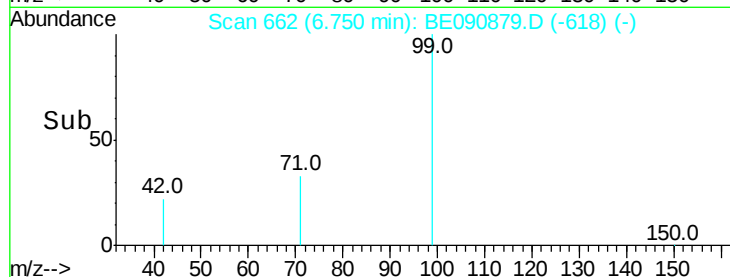
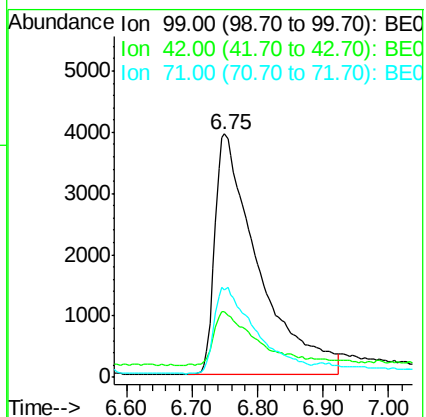
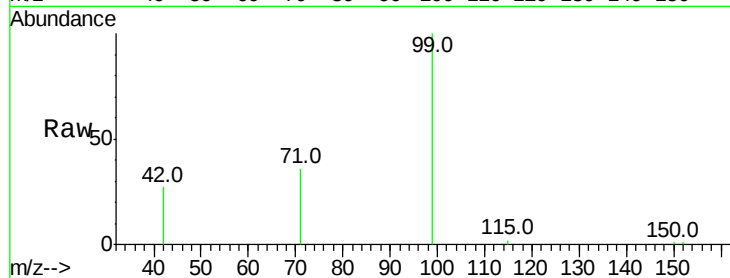
Tgt Ion: 99 Resp: 18044

Ion Ratio Lower Upper

99 100

42 21.2 16.8 25.2

71 35.2 28.3 42.5



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.30 min Scan# 1366

Delta R.T. -0.01 min

Lab File: BE090879.D

Acq: 17 Sep 2015 23:55

Tgt Ion: 136 Resp: 141835

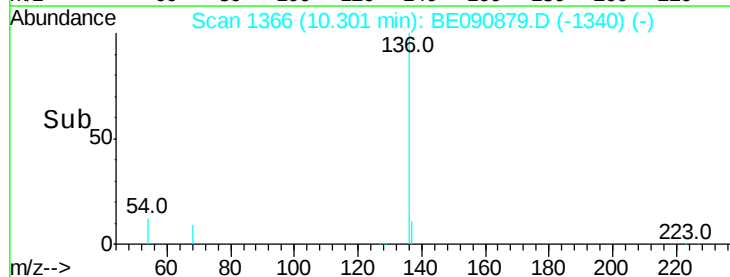
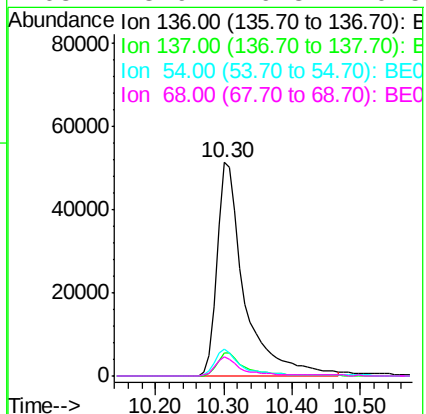
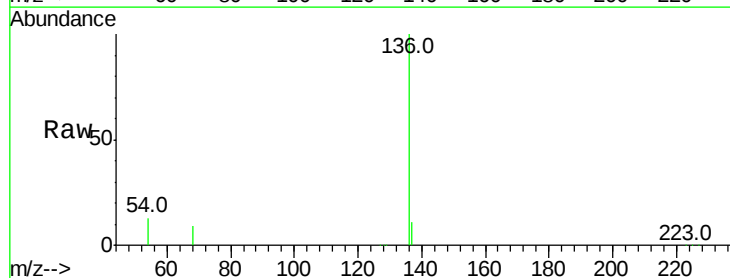
Ion Ratio Lower Upper

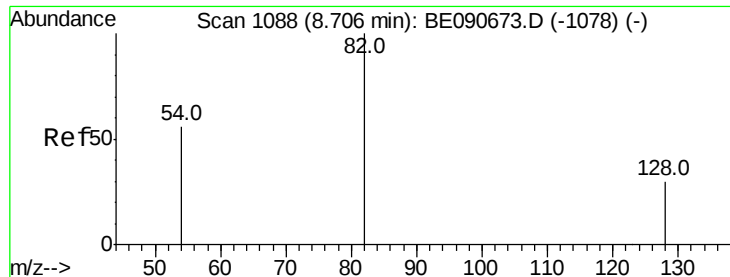
136 100

137 11.0 8.7 13.1

54 12.6 9.0 13.6

68 8.9 6.3 9.5





#7

Nitrobenzene-d5

Concen: 3.62 ng

RT: 8.71 min Scan# 1088

Delta R.T. 0.00 min

Lab File: BE090879.D

Acq: 17 Sep 2015 23:55

Instrument :

BNA_E

ClientSampleId :

091515-P004-E-U-M

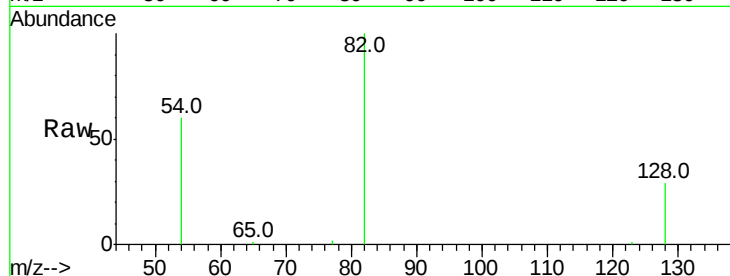
Tgt Ion: 82 Resp: 33887

Ion Ratio Lower Upper

82 100

128 29.0 25.0 37.4

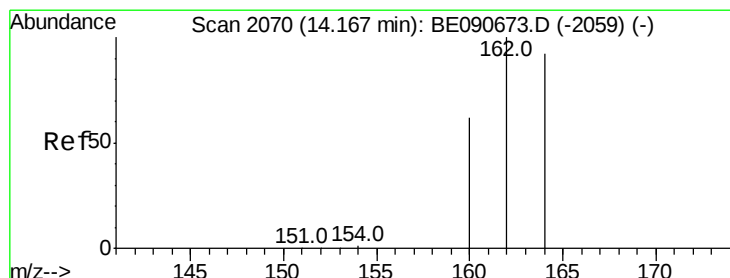
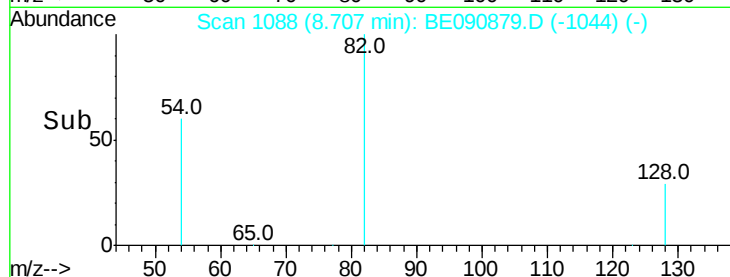
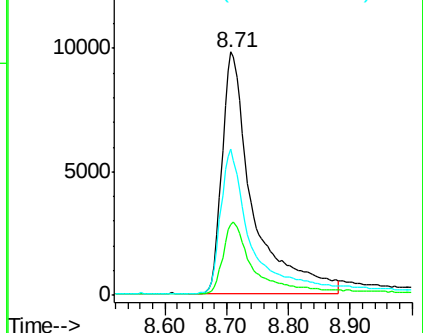
54 60.2 46.3 69.5



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



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.16 min Scan# 2069

Delta R.T. -0.01 min

Lab File: BE090879.D

Acq: 17 Sep 2015 23:55

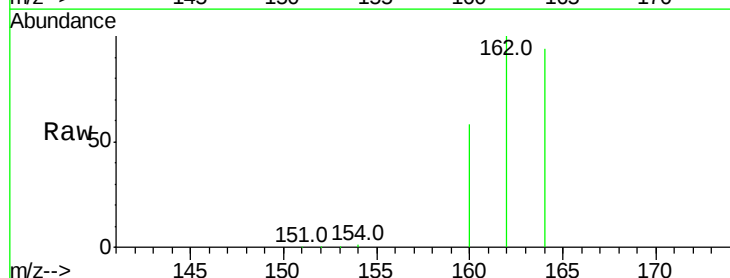
Tgt Ion: 164 Resp: 76596

Ion Ratio Lower Upper

164 100

162 106.9 86.8 130.2

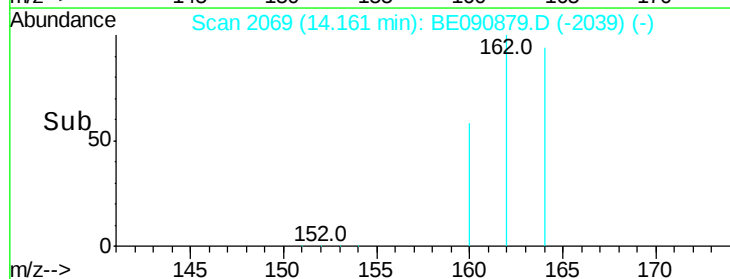
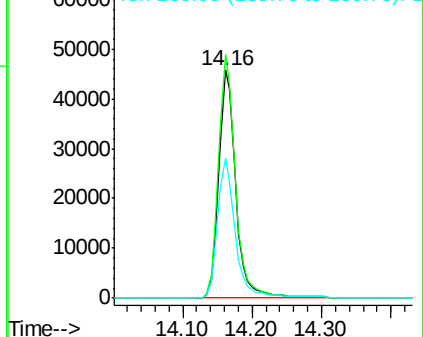
160 61.5 53.9 80.9

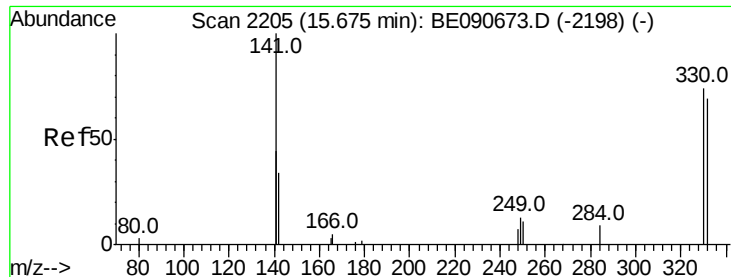


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

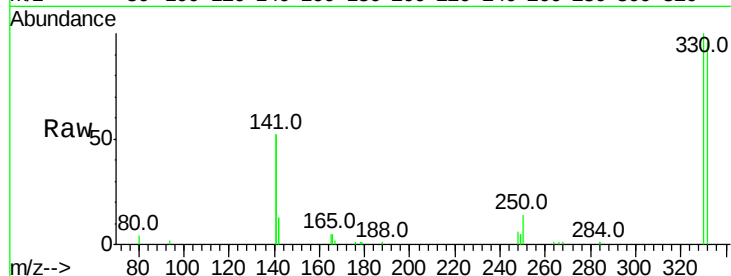




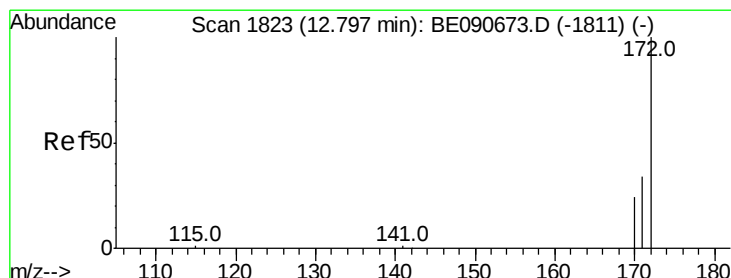
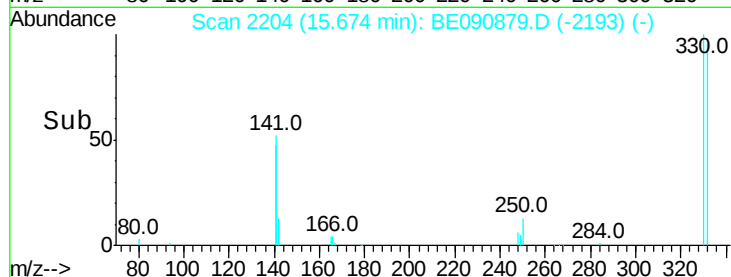
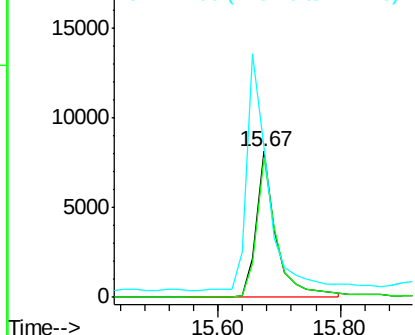
#13
 2,4,6-Tribromophenol
 Concen: 7.93 ng
 RT: 15.67 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: BE090879.D
 Acq: 17 Sep 2015 23:55

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

Tgt Ion:330 Resp: 17821
 Ion Ratio Lower Upper
 330 100
 332 97.0 74.9 112.3
 141 179.3 145.2 217.8

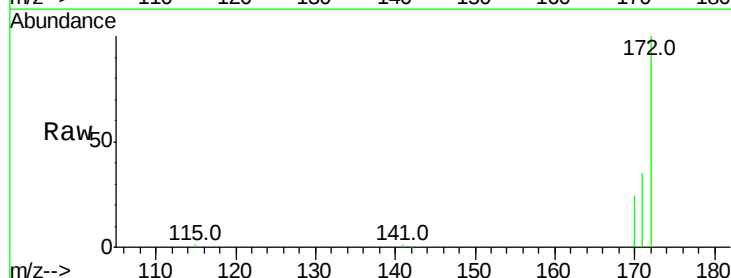


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

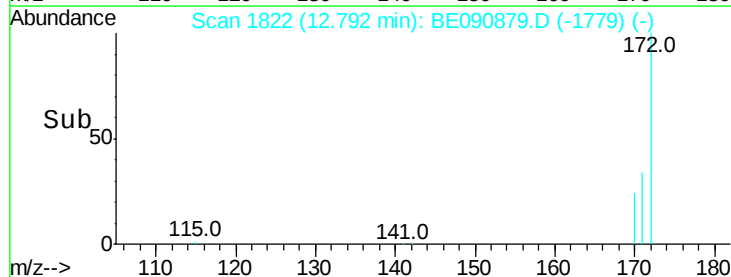
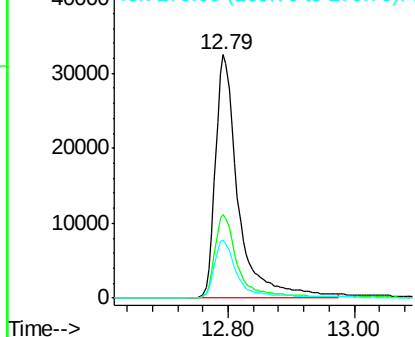


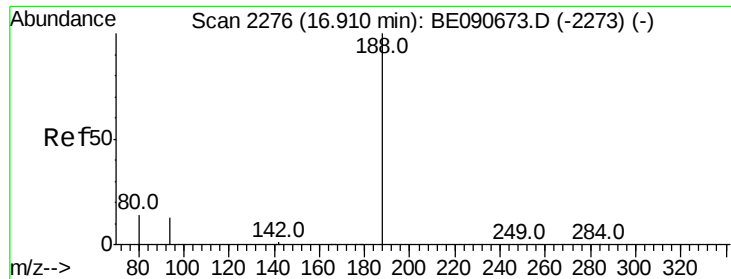
#14
 2-Fluorobiphenyl
 Concen: 3.85 ng
 RT: 12.79 min Scan# 1822
 Delta R.T. -0.01 min
 Lab File: BE090879.D
 Acq: 17 Sep 2015 23:55

Tgt Ion:172 Resp: 81689
 Ion Ratio Lower Upper
 172 100
 171 34.5 27.8 41.8
 170 24.0 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# 2275

Delta R.T. -0.00 min

Lab File: BE090879.D

Acq: 17 Sep 2015 23:55

Instrument :

BNA_E

ClientSampleId :

091515-P004-E-U-M

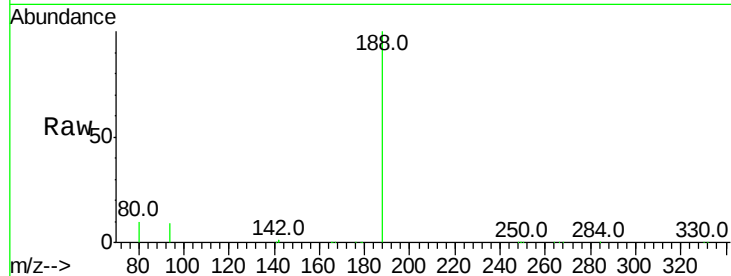
Tgt Ion:188 Resp: 191490

Ion Ratio Lower Upper

188 100

94 9.0 10.3 15.5#

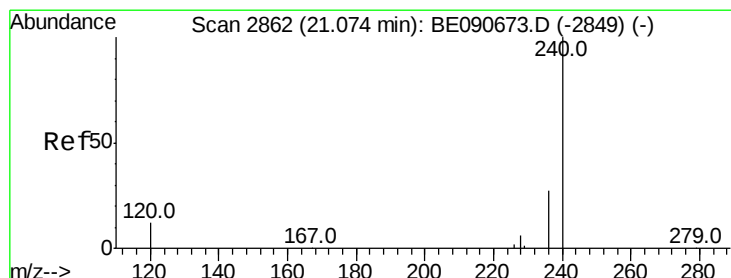
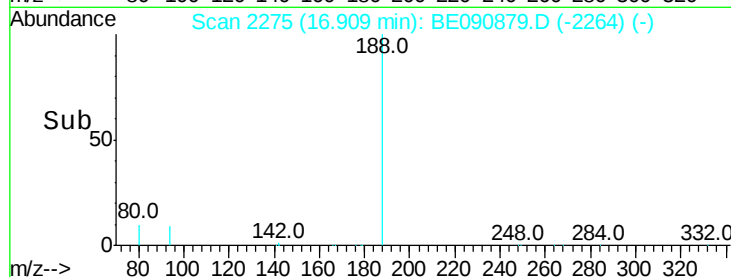
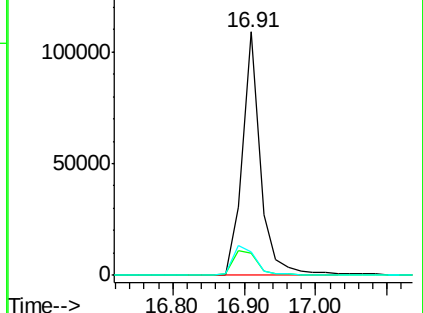
80 9.7 11.0 16.6#



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



#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.07 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BE090879.D

Acq: 17 Sep 2015 23:55

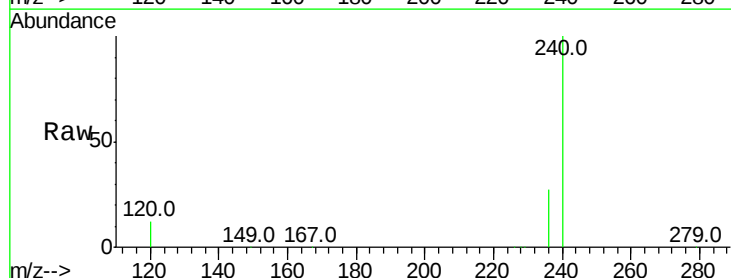
Tgt Ion:240 Resp: 239164

Ion Ratio Lower Upper

240 100

120 12.3 10.1 15.1

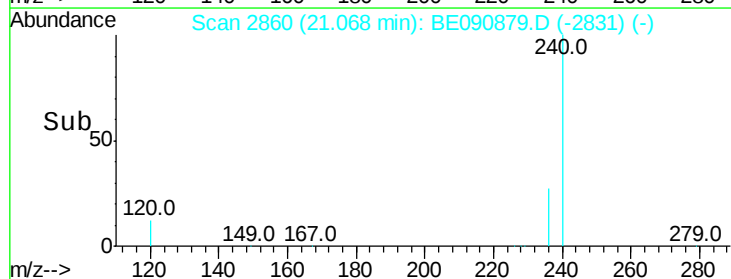
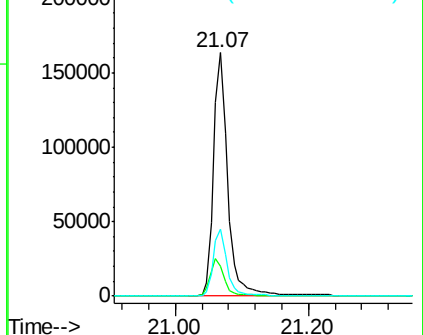
236 27.3 21.9 32.9

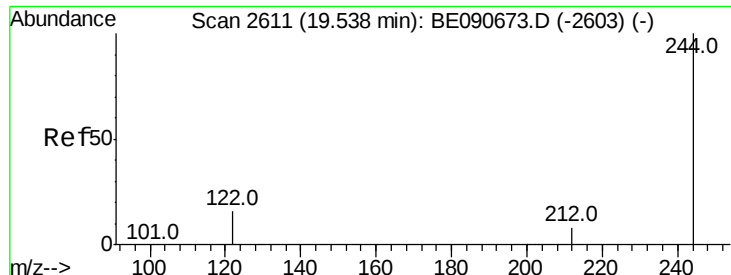


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Terphenyl-d14

Concen: 5.86 ng

RT: 19.52 min Scan# 2607

Delta R.T. -0.02 min

Lab File: BE090879.D

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091515-P004-E-U-M

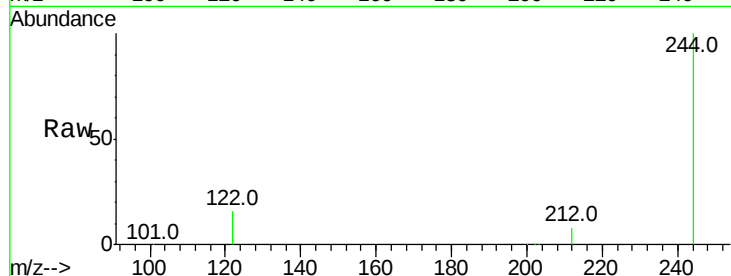
Tgt Ion:244 Resp: 154985

Ion Ratio Lower Upper

244 100

212 8.3 6.9 10.3

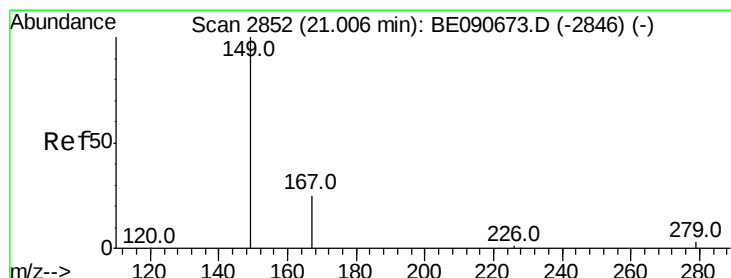
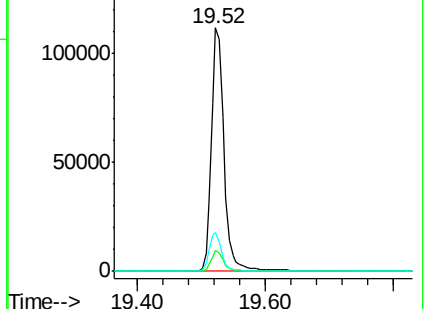
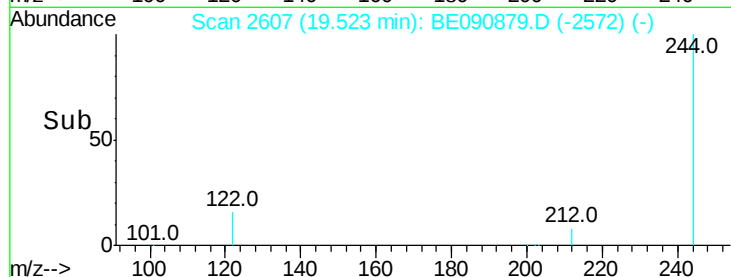
122 15.9 12.9 19.3



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



#30

Bis(2-ethylhexyl)phthalate

Concen: 0.16 ng

RT: 20.99 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BE090879.D

Acq: 17 Sep 2015 23:55

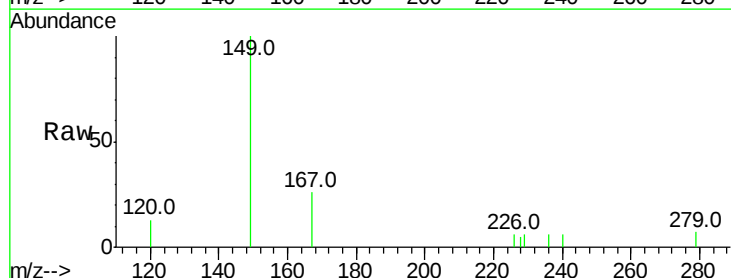
Tgt Ion:149 Resp: 1271

Ion Ratio Lower Upper

149 100

167 22.4 20.1 30.1

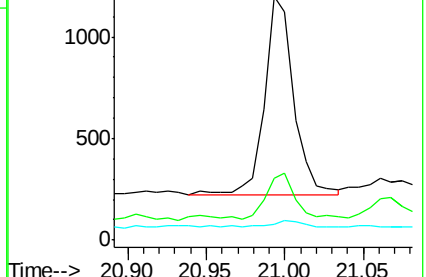
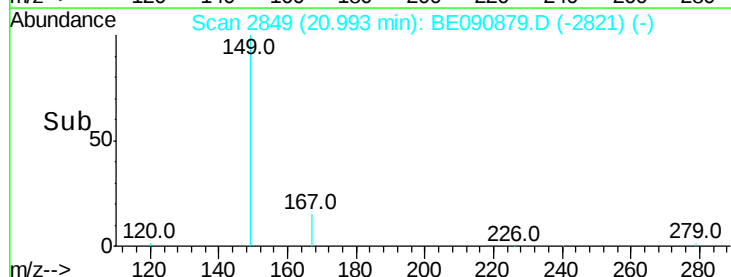
279 3.5 2.3 3.5

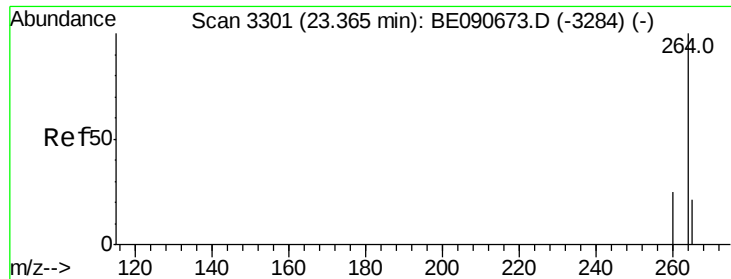


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#32
Perylene-d12
Concen: 5.00 ng
RT: 23.35 min Scan# 3297
Delta R.T. -0.01 min
Lab File: BE090879.D
Acq: 17 Sep 2015 23:55

Instrument :
BNA_E
ClientSampleId :
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Tgt Ion: 264 Resp: 216260
Ion Ratio Lower Upper
264 100
260 24.8 19.7 29.5
265 21.8 17.5 26.3

