

Data Path : Z:\HPCHEM1\BNA_E\Data\be091415\
 Data File : BE090820.D
 Acq On : 15 Sep 2015 4:08
 Operator : UM/IZ
 Sample : G3658-10
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 091315-D534-F-U-B

Quant Time: Sep 15 12:46:42 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

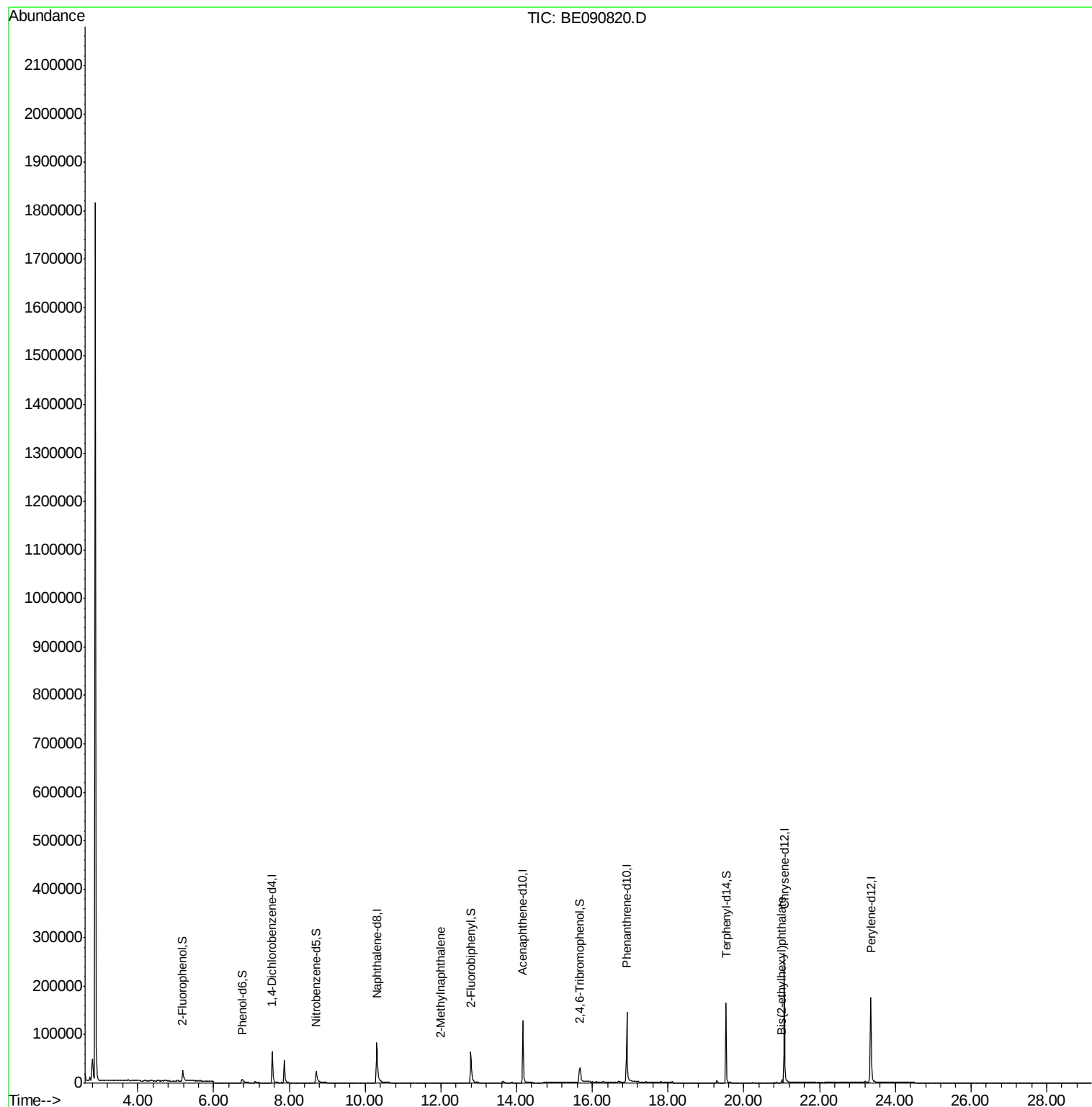
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	39515	5.00	ng	0.00
6) Naphthalene-d8	10.31	136	163586	5.00	ng	0.00
12) Acenaphthene-d10	14.17	164	82145	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	203391	5.00	ng	0.00
25) Chrysene-d12	21.07	240	263324	5.00	ng	0.00
32) Perylene-d12	23.35	264	249132	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	25675	3.34	ng	0.00
5) Phenol-d6	6.75	99	19657	1.79	ng	0.00
7) Nitrobenzene-d5	8.71	82	43030	3.98	ng	0.00
13) 2,4,6-Tribromophenol	15.67	330	18384	7.63	ng	0.00
14) 2-Fluorobiphenyl	12.79	172	96435	4.24	ng	0.00
27) Terphenyl-d14	19.53	244	169847	5.83	ng	-0.01
Target Compounds						
11) 2-Methylnaphthalene	12.00	142	630	0.03	ng	Qvalue # 85
30) Bis(2-ethylhexyl)phthalate	21.00	149	5643	0.43	ng	99

(#) = 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# 838

Delta R.T. -0.01 min

Lab File: BE090820.D

Acq: 15 Sep 2015 4:08

Instrument :

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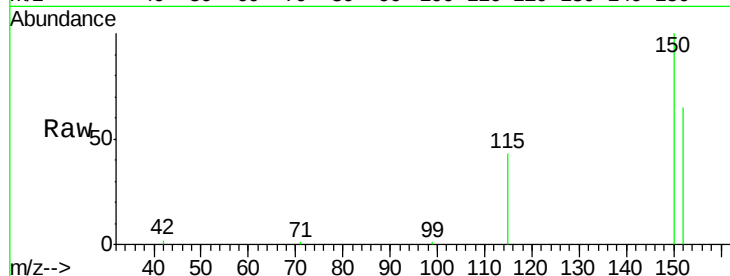
Tgt Ion:152 Resp: 39515

Ion Ratio Lower Upper

152 100

150 153.9 122.2 183.4

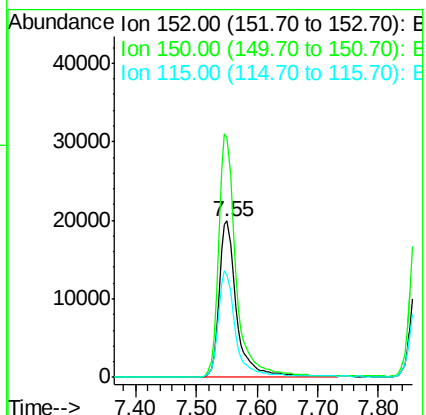
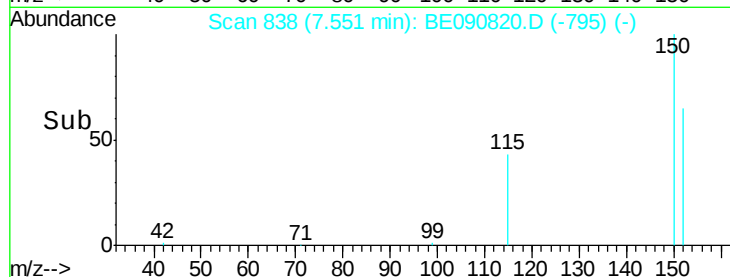
115 66.3 51.0 76.4



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: 3.34 ng

RT: 5.18 min Scan# 381

Delta R.T. -0.01 min

Lab File: BE090820.D

Acq: 15 Sep 2015 4:08

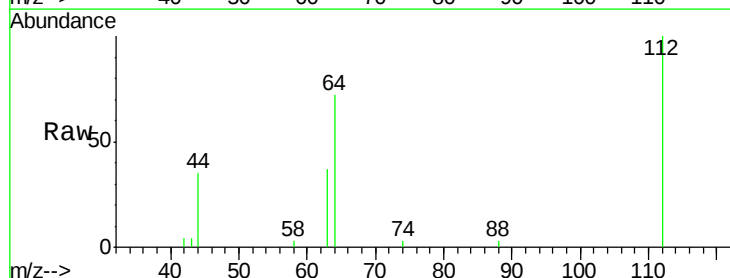
Tgt Ion:112 Resp: 25675

Ion Ratio Lower Upper

112 100

64 72.1 57.3 85.9

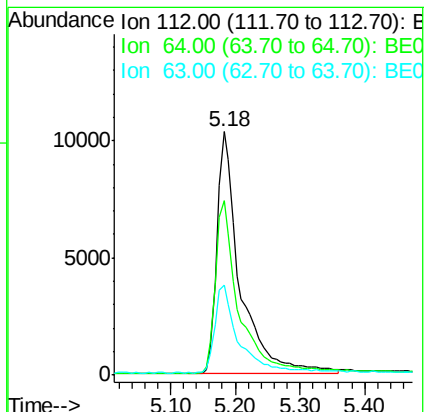
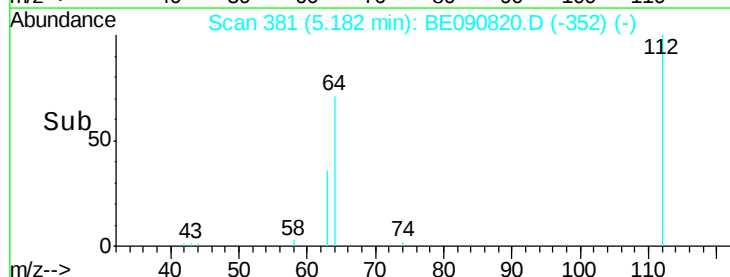
63 37.2 29.2 43.8

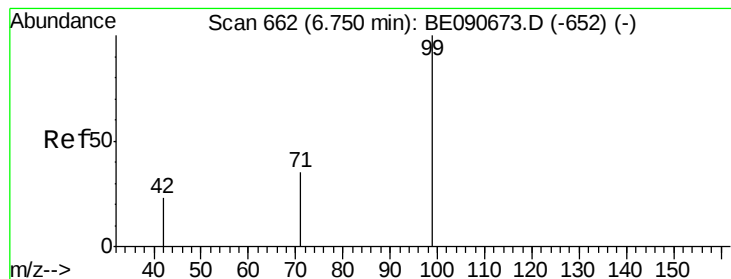


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 1.79 ng

RT: 6.75 min Scan# 662

Delta R.T. -0.00 min

Lab File: BE090820.D

Acq: 15 Sep 2015 4:08

Instrument :

BNA_E

ClientSampleId :

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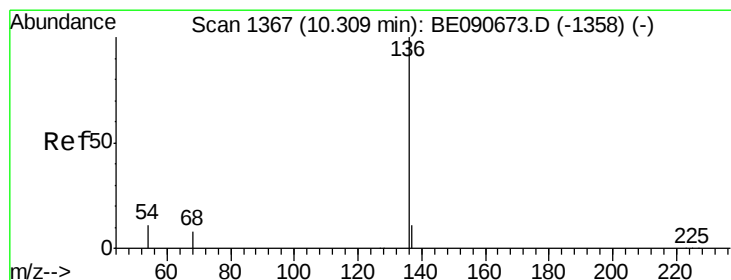
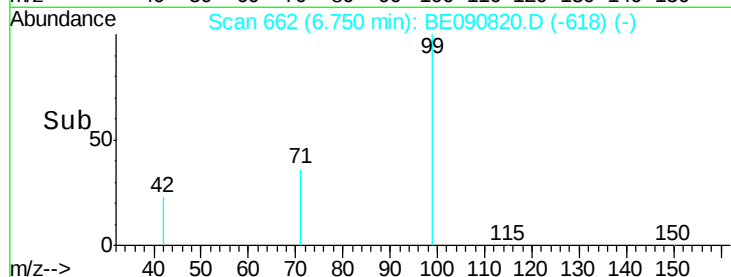
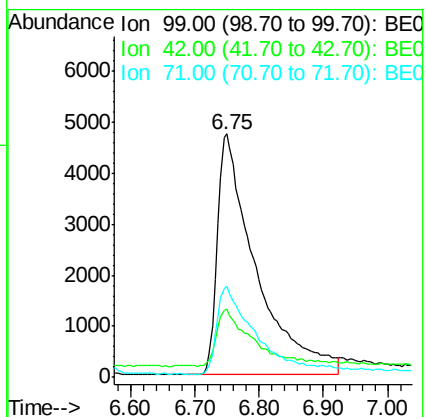
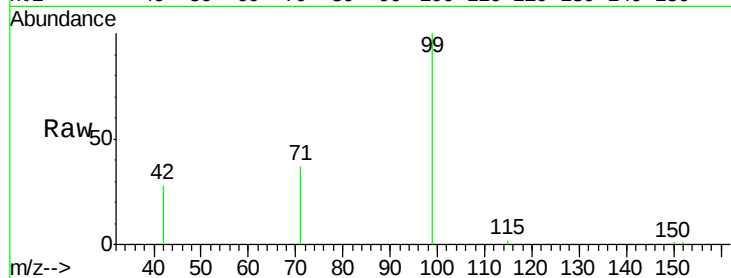
Tgt Ion: 99 Resp: 19657

Ion Ratio Lower Upper

99 100

42 23.5 16.8 25.2

71 35.9 28.3 42.5



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.31 min Scan# 1367

Delta R.T. 0.00 min

Lab File: BE090820.D

Acq: 15 Sep 2015 4:08

Tgt Ion: 136 Resp: 163586

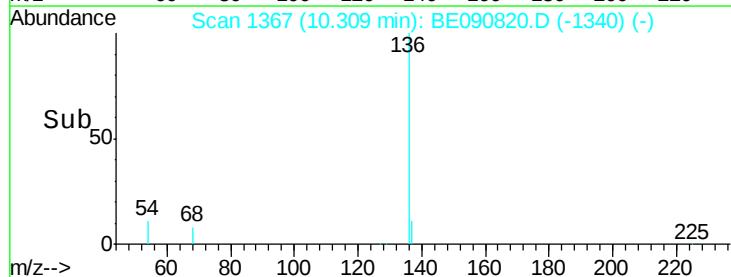
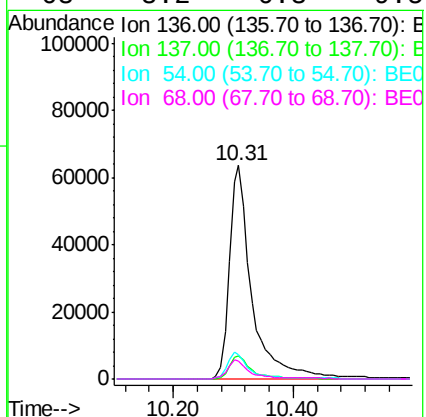
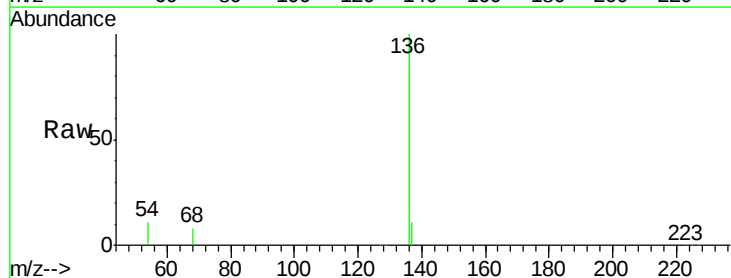
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 11.4 9.0 13.6

68 8.2 6.3 9.5





#7

Nitrobenzene-d5

Concen: 3.98 ng

RT: 8.71 min Scan# 1089

Delta R.T. 0.00 min

Lab File: BE090820.D

Acq: 15 Sep 2015 4:08

Instrument :

BNA_E

ClientSampleId :

091315-D534-F-U-B

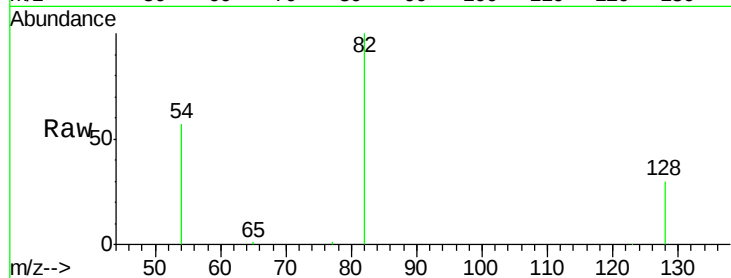
Tgt Ion: 82 Resp: 43030

Ion Ratio Lower Upper

82 100

128 30.4 25.0 37.4

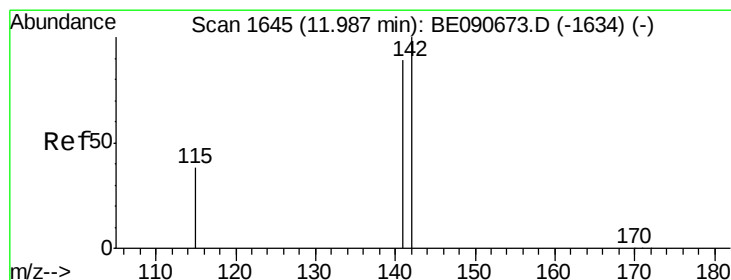
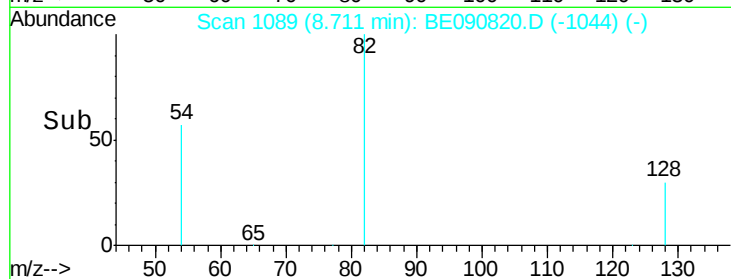
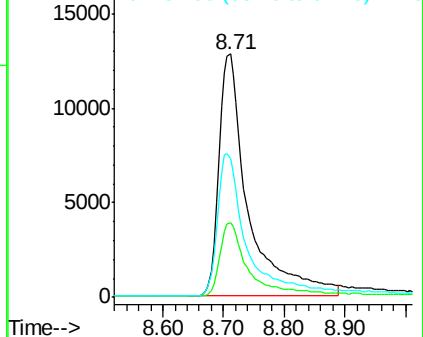
54 57.0 46.3 69.5



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



#11

2-Methylnaphthalene

Concen: 0.03 ng

RT: 12.00 min Scan# 1648

Delta R.T. 0.01 min

Lab File: BE090820.D

Acq: 15 Sep 2015 4:08

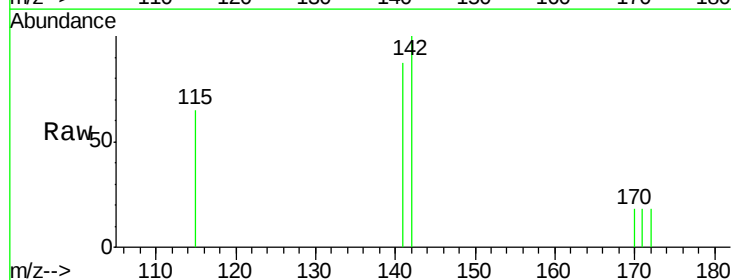
Tgt Ion: 142 Resp: 630

Ion Ratio Lower Upper

142 100

141 86.6 71.4 107.2

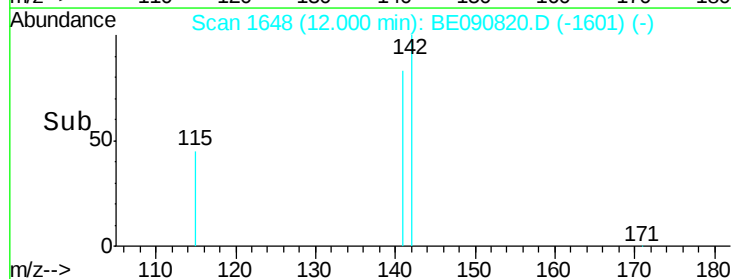
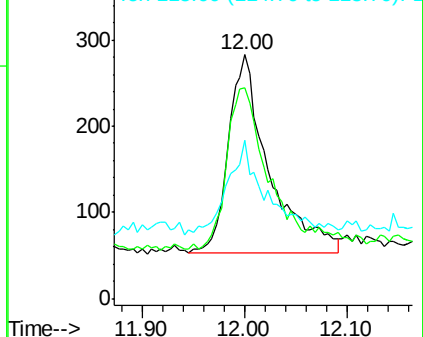
115 64.7 31.0 46.4#

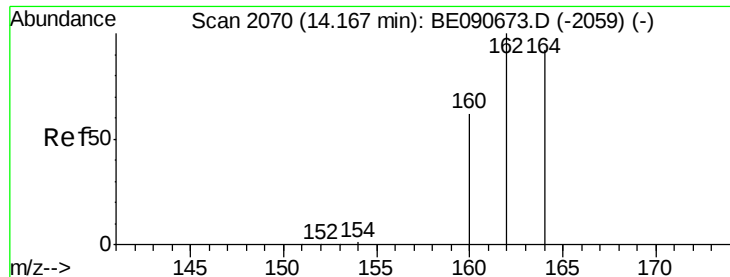


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.17 min Scan# 2070

Delta R.T. 0.00 min

Lab File: BE090820.D

Acq: 15 Sep 2015 4:08

Instrument :

BNA_E

ClientSampleId :

091315-D534-F-U-B

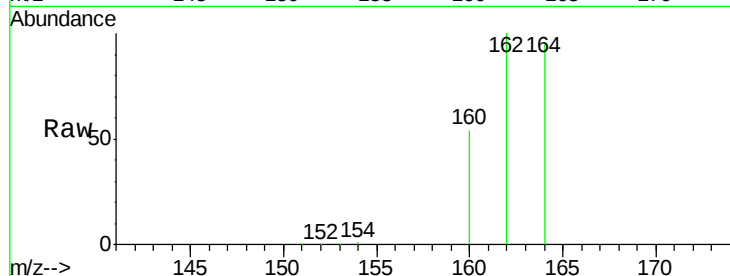
Tgt Ion:164 Resp: 82145

Ion Ratio Lower Upper

164 100

162 104.5 86.8 130.2

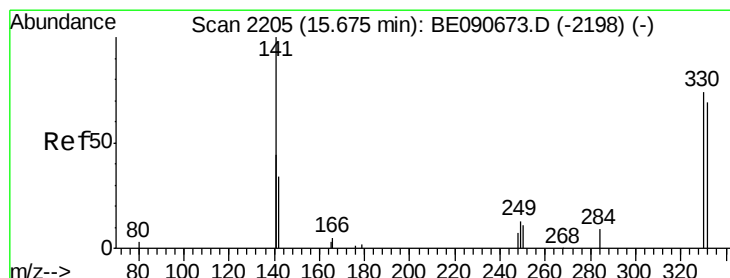
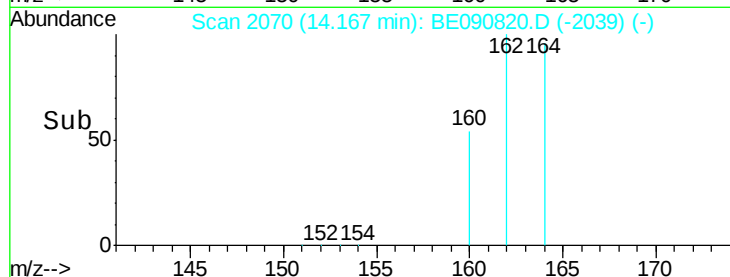
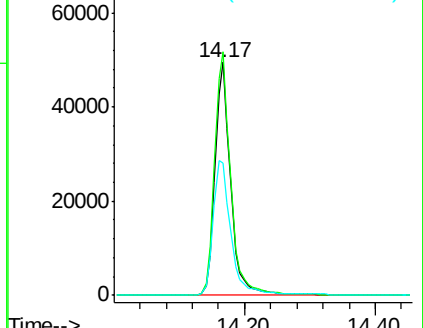
160 56.7 53.9 80.9



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: 7.63 ng

RT: 15.67 min Scan# 2205

Delta R.T. -0.00 min

Lab File: BE090820.D

Acq: 15 Sep 2015 4:08

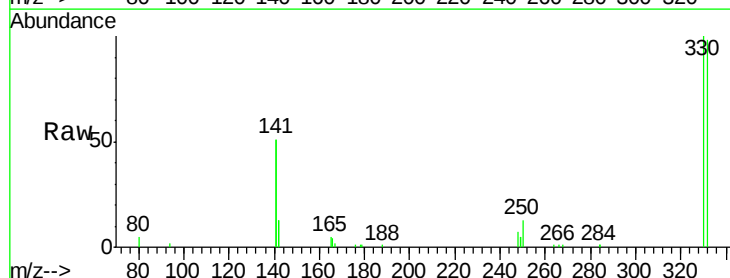
Tgt Ion:330 Resp: 18384

Ion Ratio Lower Upper

330 100

332 97.4 74.9 112.3

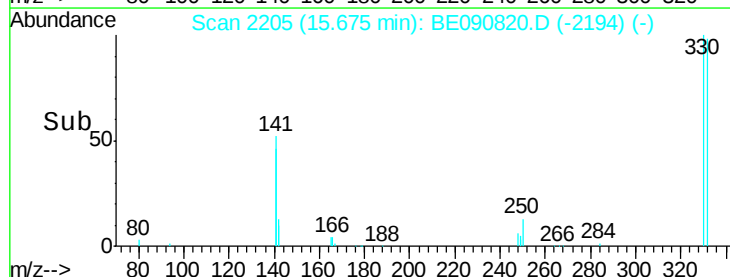
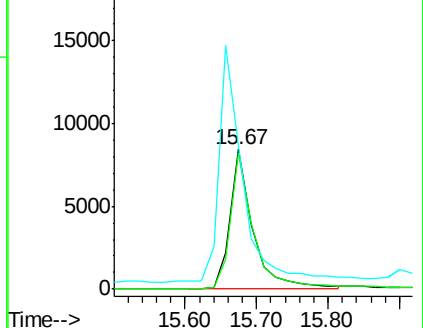
141 181.8 145.2 217.8

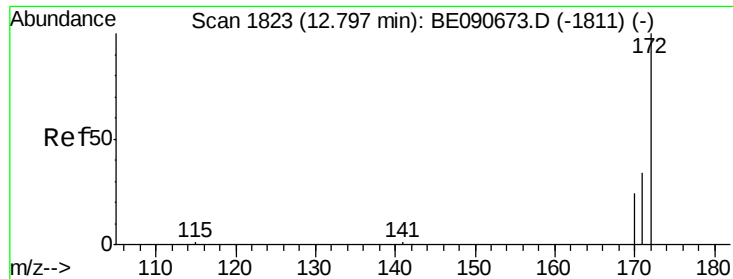


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

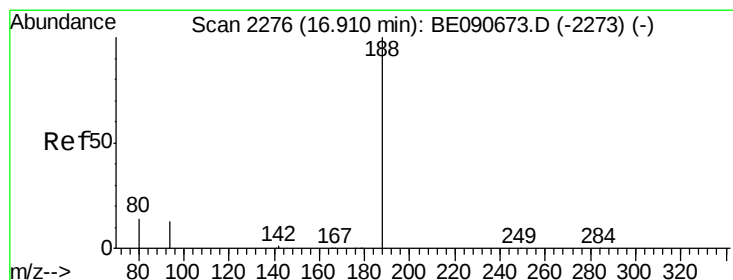
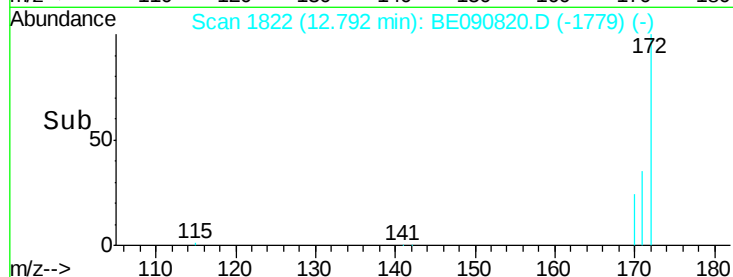
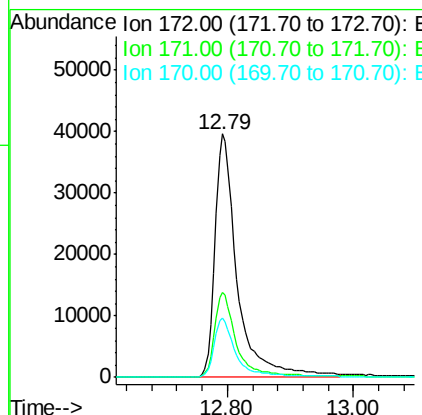
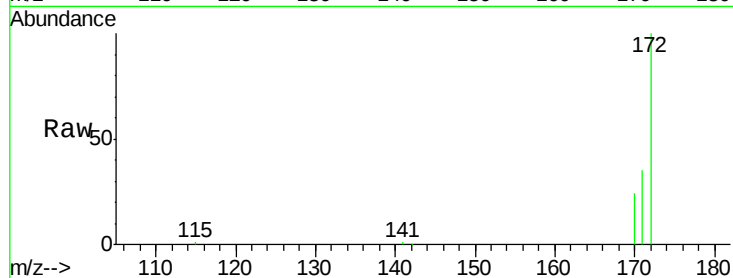




#14
2-Fluorobiphenyl
Concen: 4.24 ng
RT: 12.79 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BE090820.D
Acq: 15 Sep 2015 4:08

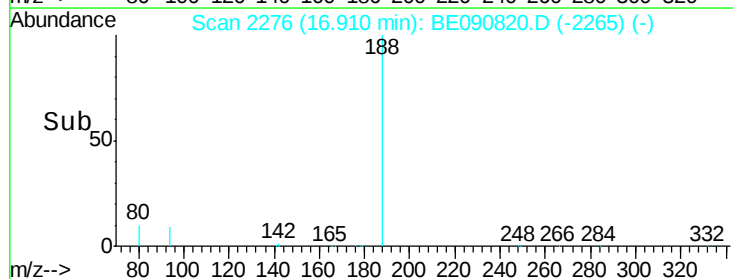
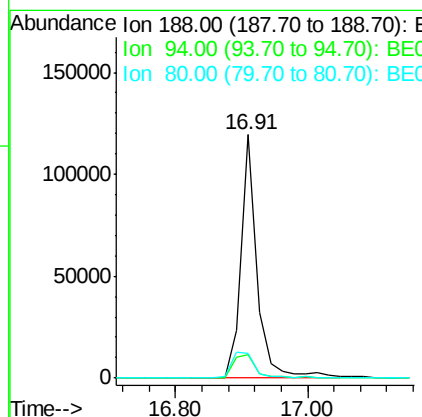
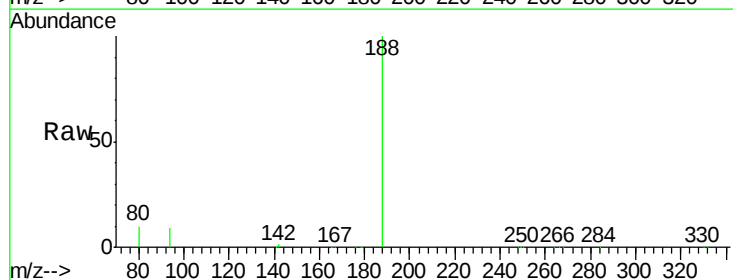
Instrument :
BNA_E
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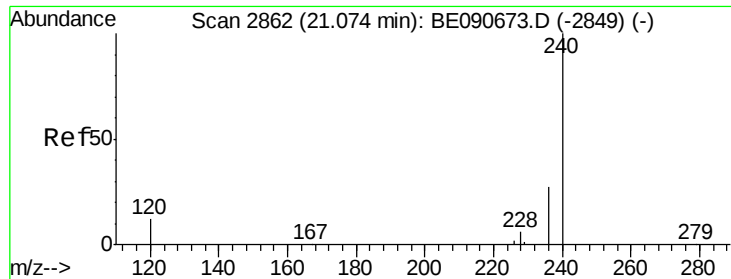
Tgt Ion:172 Resp: 96435
Ion Ratio Lower Upper
172 100
171 35.0 27.8 41.8
170 24.4 19.8 29.6



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2276
Delta R.T. -0.00 min
Lab File: BE090820.D
Acq: 15 Sep 2015 4:08

Tgt Ion:188 Resp: 203391
Ion Ratio Lower Upper
188 100
94 9.5 10.3 15.5#
80 10.2 11.0 16.6#





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.07 min Scan# 2861

Delta R.T. -0.01 min

Lab File: BE090820.D

Acq: 15 Sep 2015 4:08

Instrument :

BNA_E

ClientSampleId :

091315-D534-F-U-B

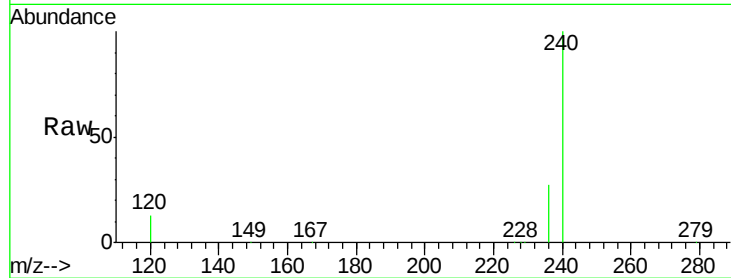
Tgt Ion:240 Resp: 263324

Ion Ratio Lower Upper

240 100

120 13.3 10.1 15.1

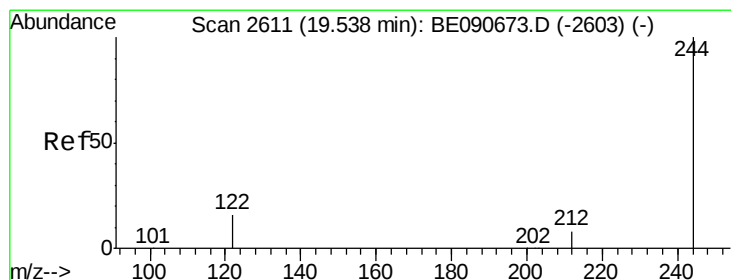
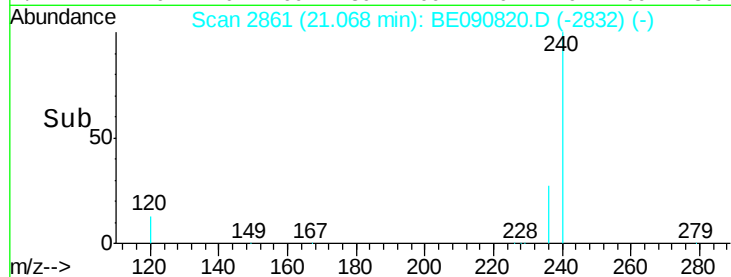
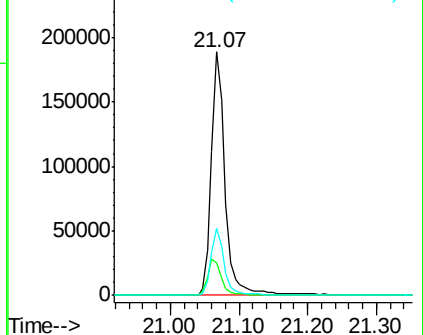
236 27.5 21.9 32.9



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: 5.83 ng

RT: 19.53 min Scan# 2609

Delta R.T. -0.01 min

Lab File: BE090820.D

Acq: 15 Sep 2015 4:08

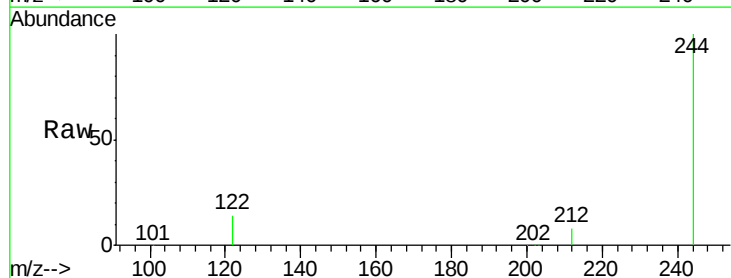
Tgt Ion:244 Resp: 169847

Ion Ratio Lower Upper

244 100

212 8.2 6.9 10.3

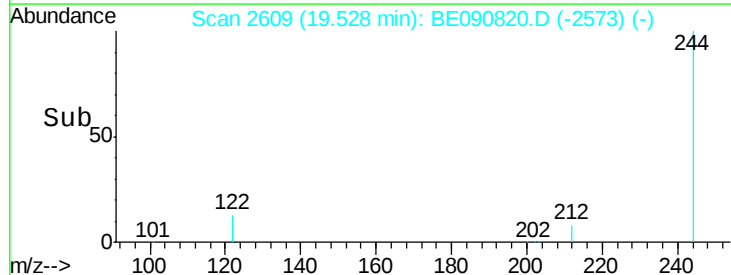
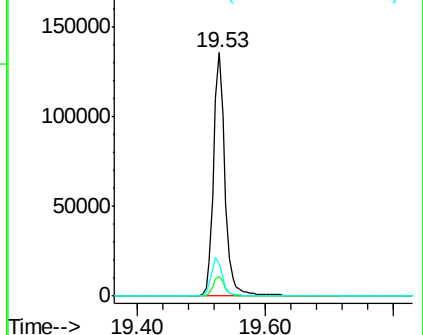
122 13.5 12.9 19.3

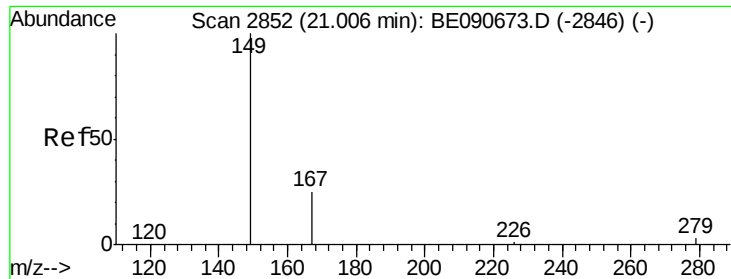


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#30

Bis(2-ethylhexyl)phthalate

Concen: 0.43 ng

RT: 21.00 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BE090820.D

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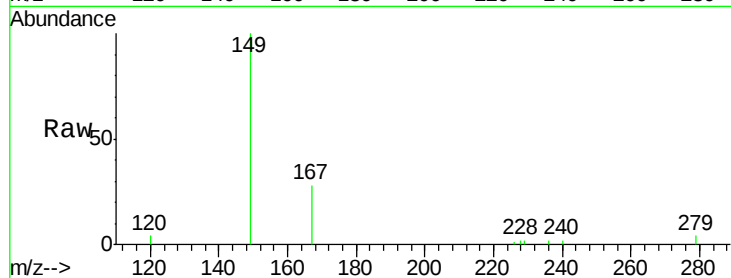
Tgt Ion:149 Resp: 5643

Ion Ratio Lower Upper

149 100

167 24.5 20.1 30.1

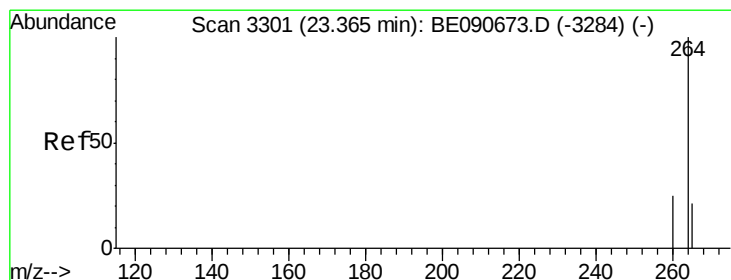
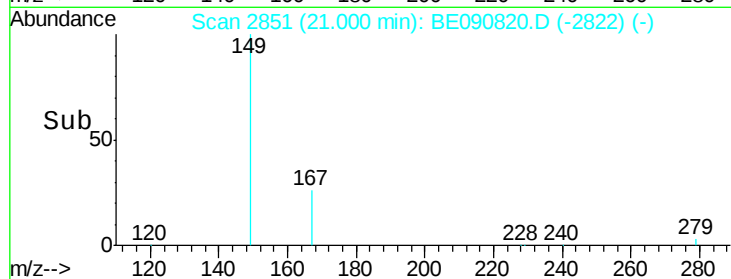
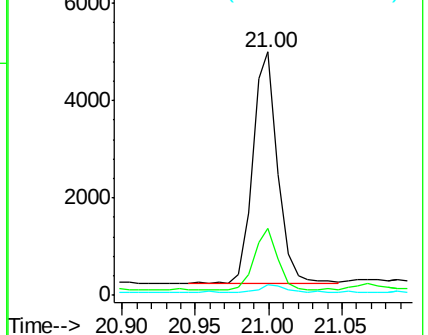
279 3.4 2.3 3.5



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# 3298

Delta R.T. -0.01 min

Lab File: BE090820.D

Acq: 15 Sep 2015 4:08

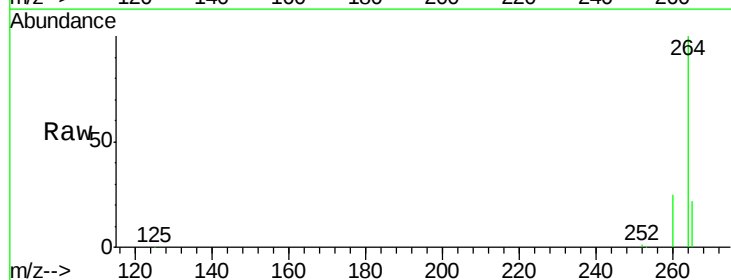
Tgt Ion:264 Resp: 249132

Ion Ratio Lower Upper

264 100

260 25.1 19.7 29.5

265 21.5 17.5 26.3



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

