

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE091015\
 Data File : BE090777.D
 Acq On : 11 Sep 2015 00:47
 Operator : UM/IZ
 Sample : G3599-07
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 090415-D534-F-D-S

Quant Time: Sep 11 03:49:38 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

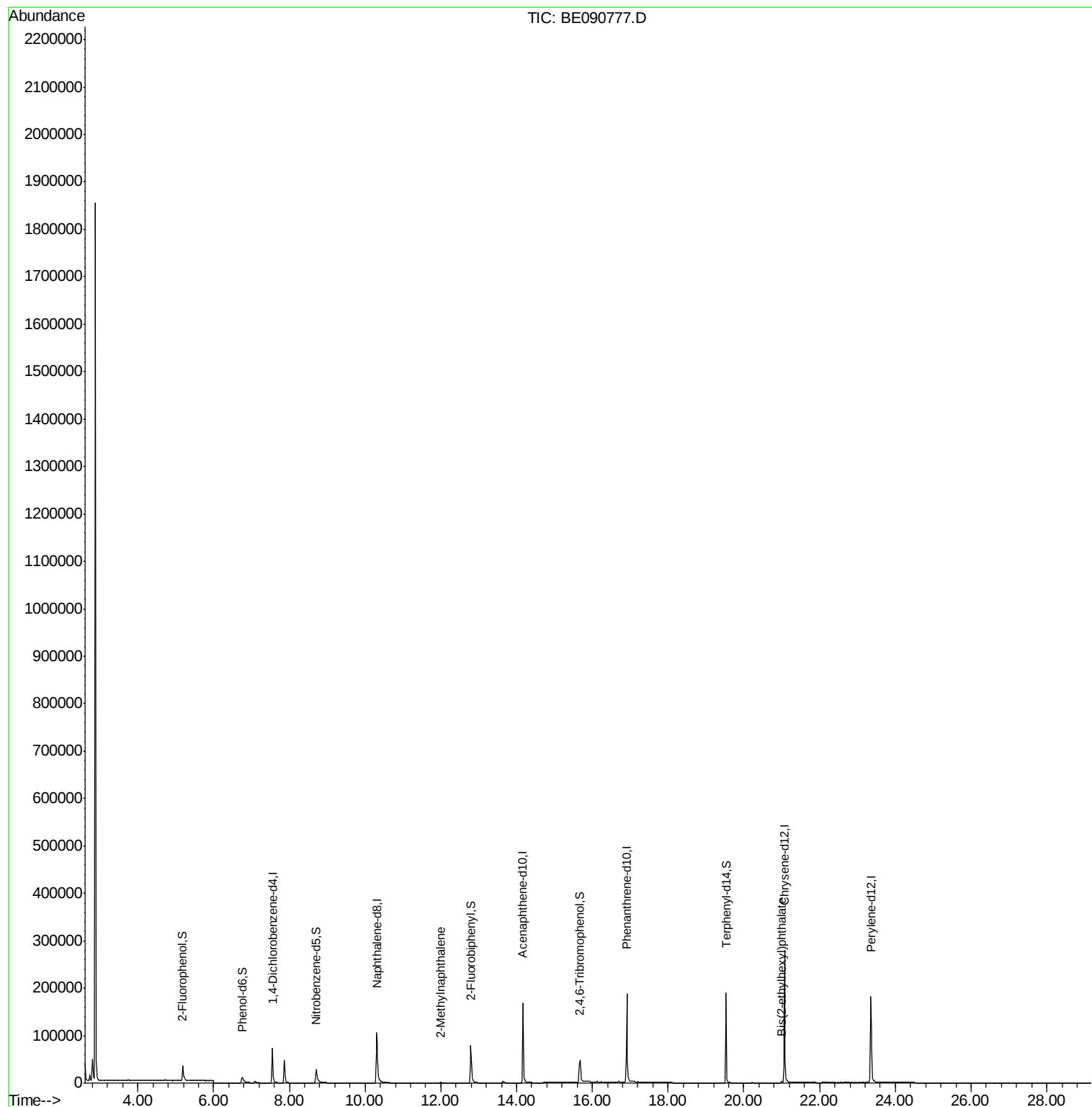
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	43565	5.00	ng	0.00
6) Naphthalene-d8	10.31	136	198412	5.00	ng	0.00
12) Acenaphthene-d10	14.17	164	106641	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	248804	5.00	ng	0.00
25) Chrysene-d12	21.07	240	291453	5.00	ng	0.00
32) Perylene-d12	23.36	264	259543	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	34198	4.04	ng	0.00
5) Phenol-d6	6.75	99	29655	2.44	ng	0.00
7) Nitrobenzene-d5	8.71	82	49701	3.79	ng	0.00
13) 2,4,6-Tribromophenol	15.68	330	26719	8.52	ng	0.00
14) 2-Fluorobiphenyl	12.79	172	114584	3.88	ng	0.00
27) Terphenyl-d14	19.53	244	196920	6.11	ng	-0.01
Target Compounds						
11) 2-Methylnaphthalene	12.00	142	1708	0.07	ng	# 89
30) Bis(2-ethylhexyl)phthalate	21.00	149	3520	0.27	ng	# 98

(#) = 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. -0.00 min

Lab File: BE090777.D

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Instrument :

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ClientSampleId :

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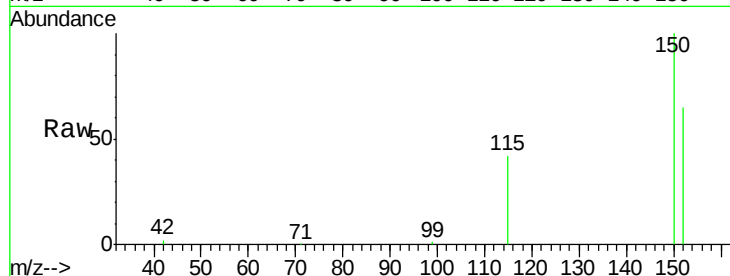
Tgt Ion:152 Resp: 43565

Ion Ratio Lower Upper

152 100

150 155.0 122.2 183.4

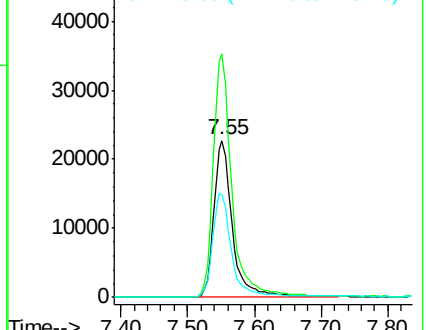
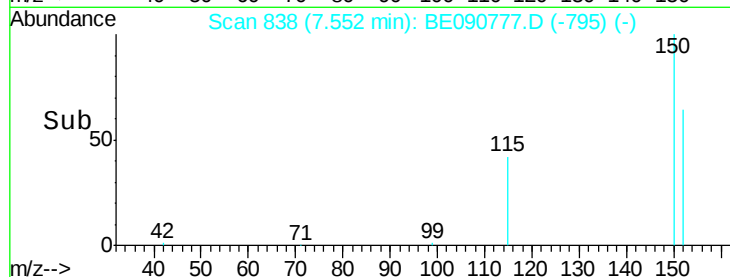
115 65.7 51.0 76.4



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: 4.04 ng

RT: 5.18 min Scan# 381

Delta R.T. -0.01 min

Lab File: BE090777.D

Acq: 11 Sep 2015 00:47

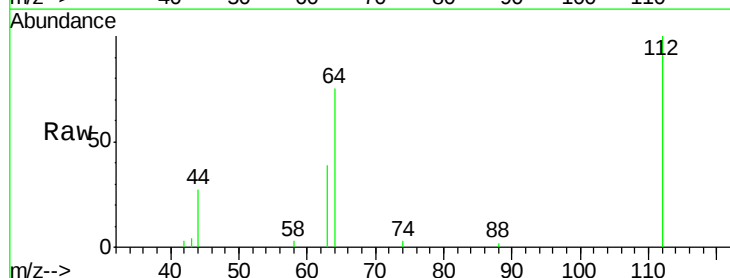
Tgt Ion:112 Resp: 34198

Ion Ratio Lower Upper

112 100

64 72.3 57.3 85.9

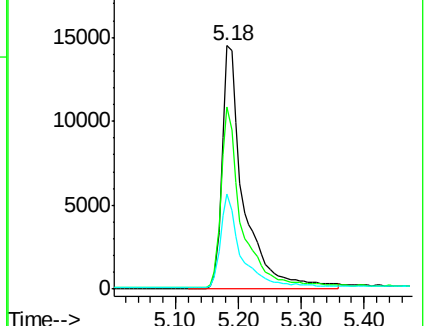
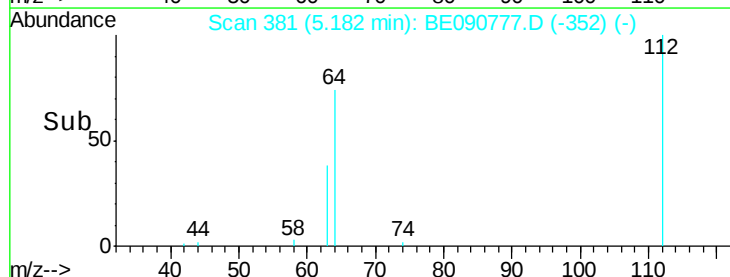
63 37.0 29.2 43.8

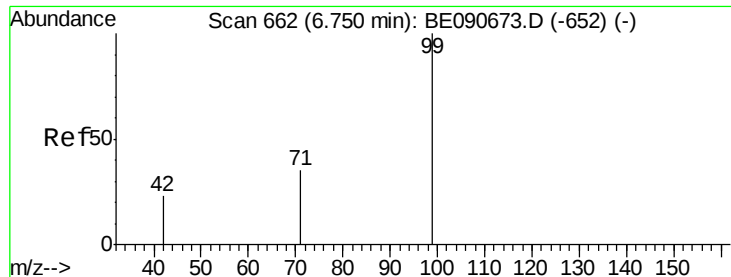


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 2.44 ng

RT: 6.75 min Scan# 662

Delta R.T. 0.00 min

Lab File: BE090777.D

Acq: 11 Sep 2015 00:47

Instrument :

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ClientSampleId :

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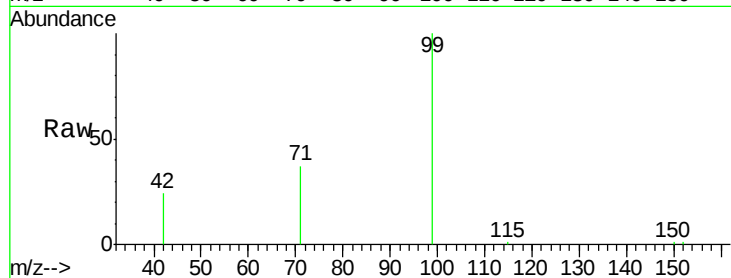
Tgt Ion: 99 Resp: 29655

Ion Ratio Lower Upper

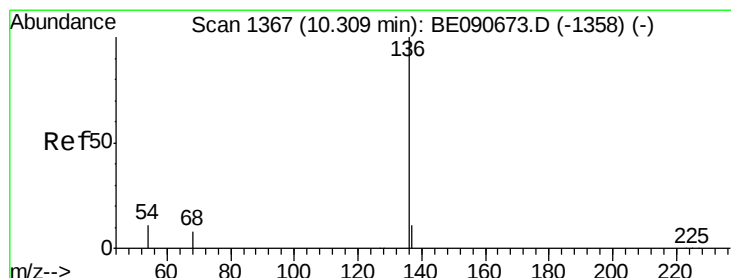
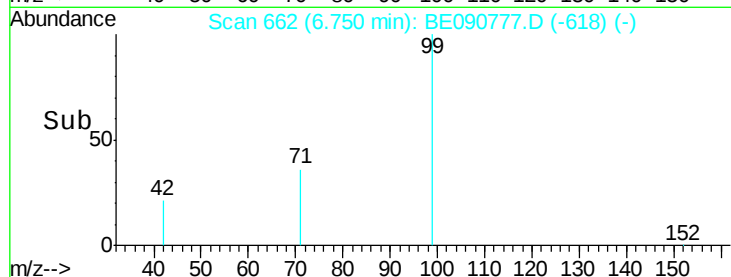
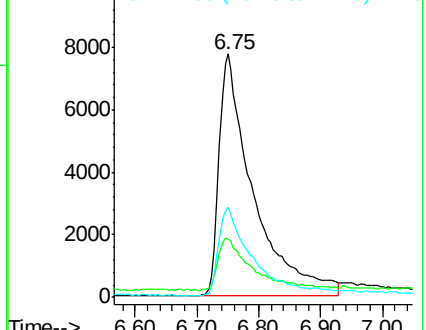
99 100

42 20.8 16.8 25.2

71 34.8 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: BE090777.D

Acq: 11 Sep 2015 00:47

Tgt Ion: 136 Resp: 198412

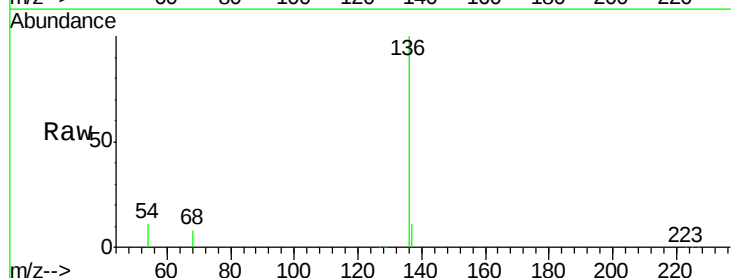
Ion Ratio Lower Upper

136 100

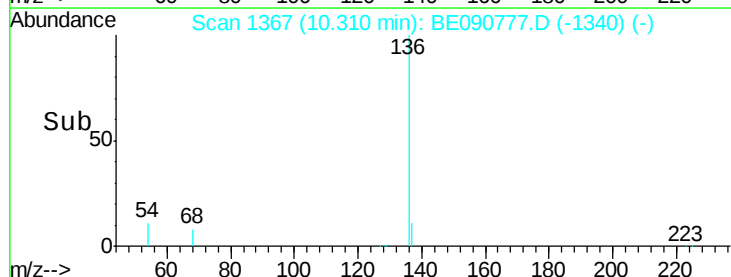
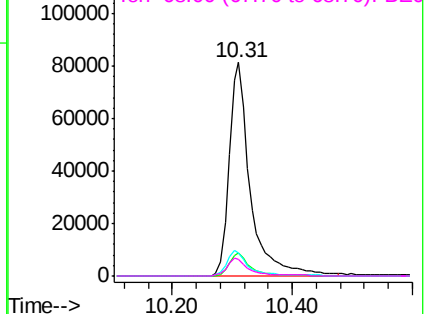
137 11.0 8.7 13.1

54 11.1 9.0 13.6

68 7.8 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: 3.79 ng

RT: 8.71 min Scan# 1089

Delta R.T. 0.00 min

Lab File: BE090777.D

Acq: 11 Sep 2015 00:47

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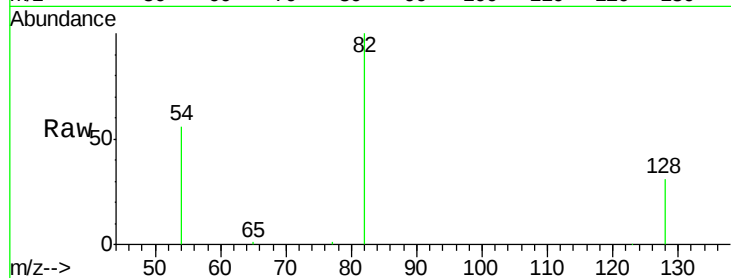
Tgt Ion: 82 Resp: 49701

Ion Ratio Lower Upper

82 100

128 30.7 25.0 37.4

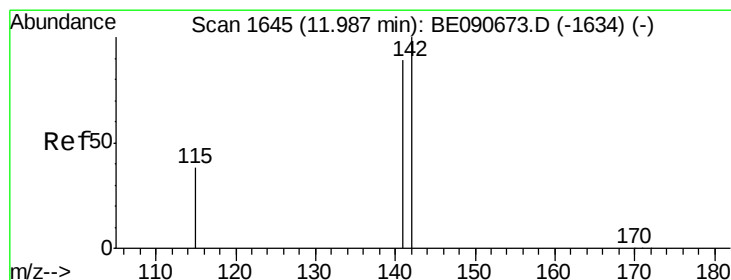
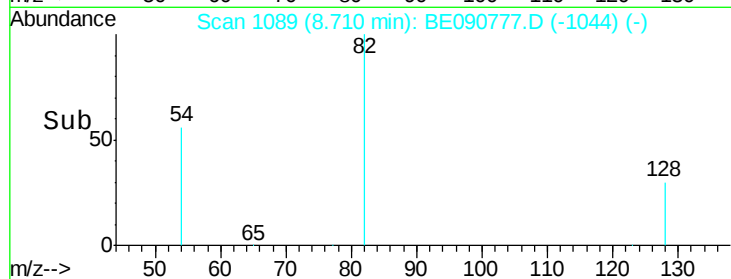
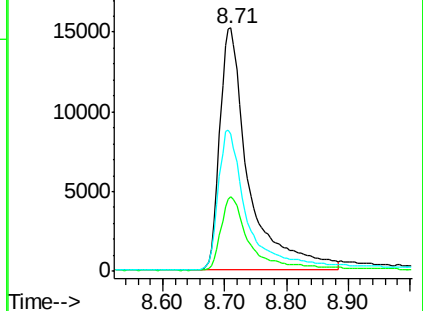
54 56.2 46.3 69.5



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



#11

2-Methylnaphthalene

Concen: 0.07 ng

RT: 12.00 min Scan# 1647

Delta R.T. 0.01 min

Lab File: BE090777.D

Acq: 11 Sep 2015 00:47

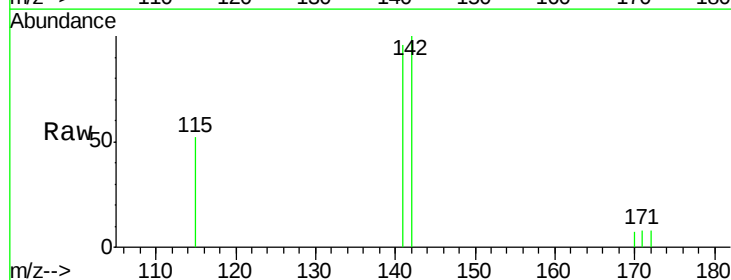
Tgt Ion: 142 Resp: 1708

Ion Ratio Lower Upper

142 100

141 95.6 71.4 107.2

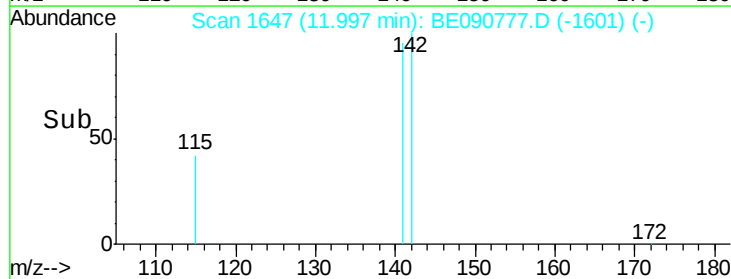
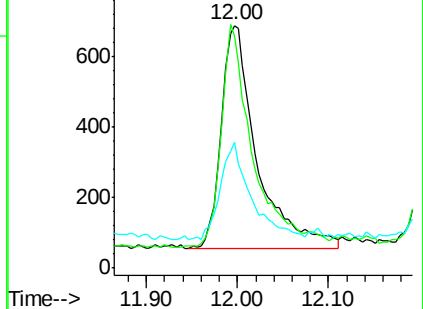
115 52.0 31.0 46.4#

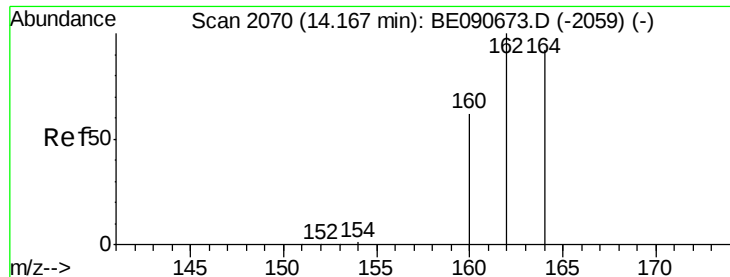


Abundance Ion 142.00 (141.70 to 142.70): E

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: BE090777.D

Acq: 11 Sep 2015 00:47

Instrument :

BNA_E

ClientSampleId :

090415-D534-F-D-S

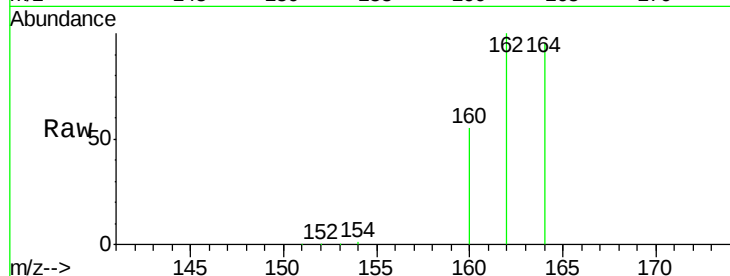
Tgt Ion:164 Resp: 106641

Ion Ratio Lower Upper

164 100

162 105.3 86.8 130.2

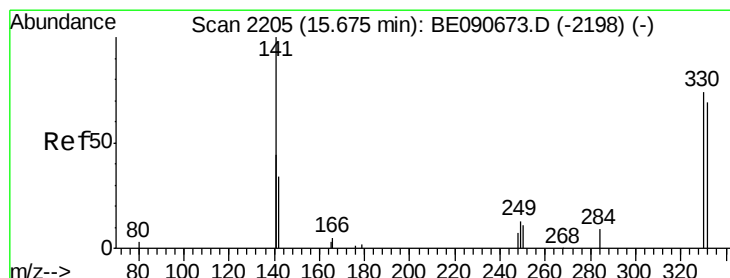
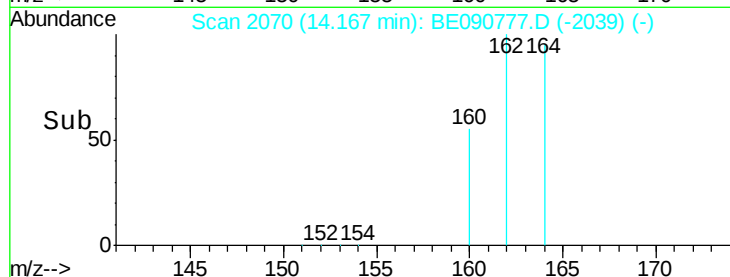
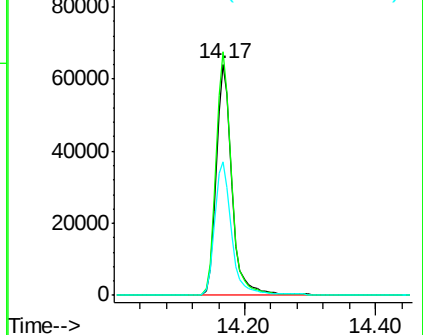
160 57.7 53.9 80.9



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: 8.52 ng

RT: 15.68 min Scan# 2205

Delta R.T. 0.00 min

Lab File: BE090777.D

Acq: 11 Sep 2015 00:47

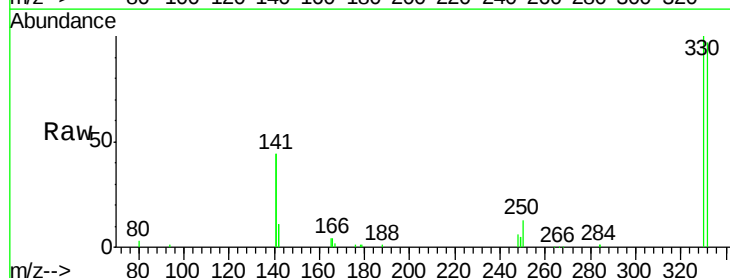
Tgt Ion:330 Resp: 26719

Ion Ratio Lower Upper

330 100

332 97.4 74.9 112.3

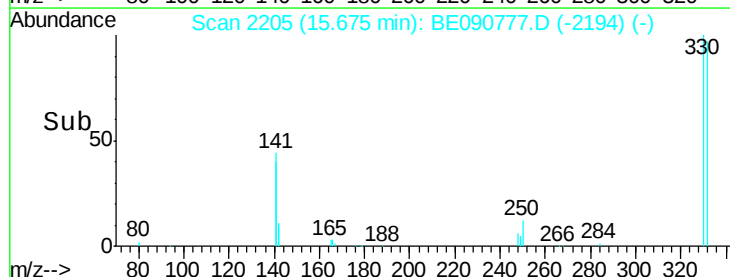
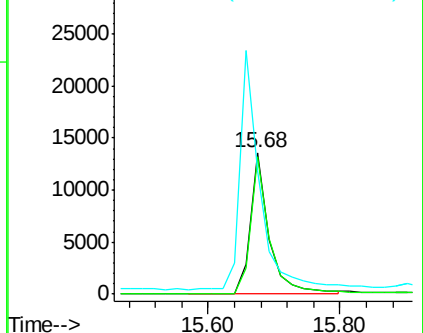
141 178.9 145.2 217.8

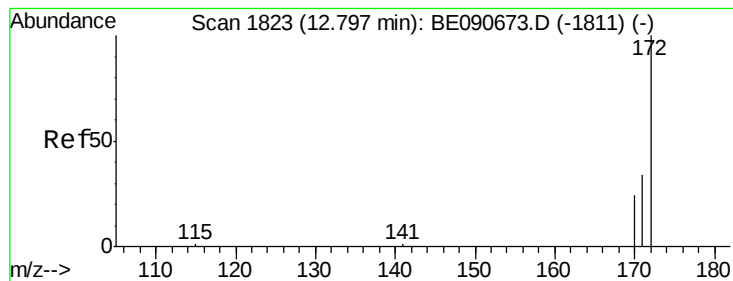


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#14

2-Fluorobiphenyl

Concen: 3.88 ng

RT: 12.79 min Scan# 1822

Delta R.T. -0.00 min

Lab File: BE090777.D

Acq: 11 Sep 2015 00:47

Instrument :

BNA_E

ClientSampleId :

090415-D534-F-D-S

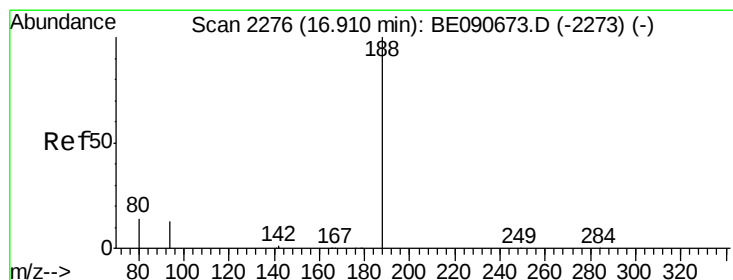
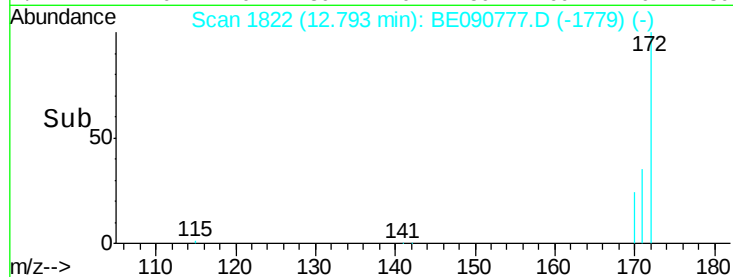
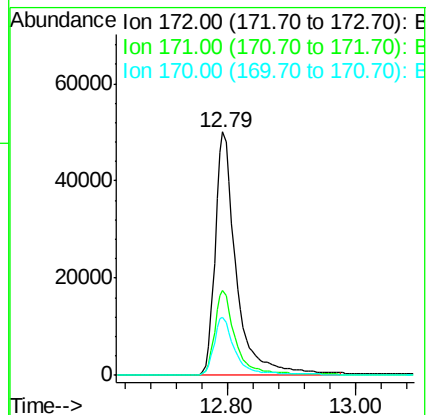
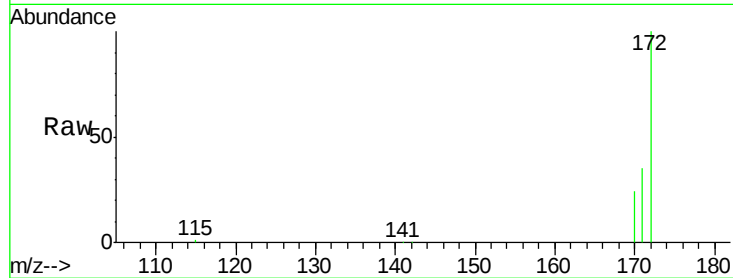
Tgt Ion:172 Resp: 114584

Ion Ratio Lower Upper

172 100

171 34.7 27.8 41.8

170 24.0 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: BE090777.D

Acq: 11 Sep 2015 00:47

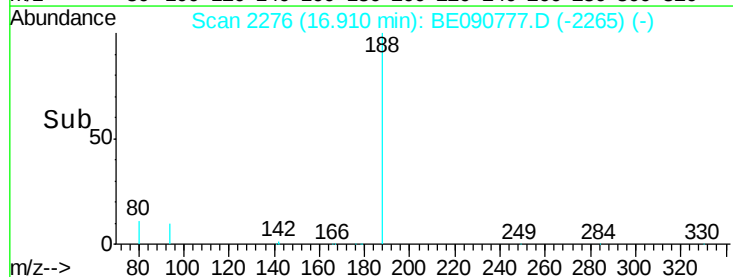
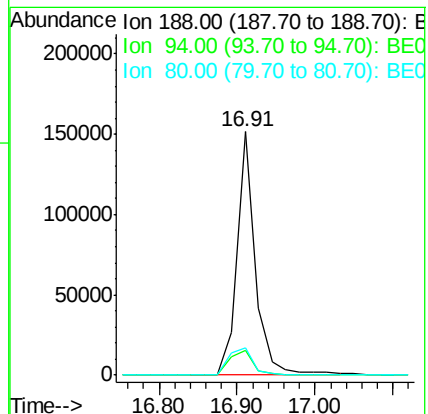
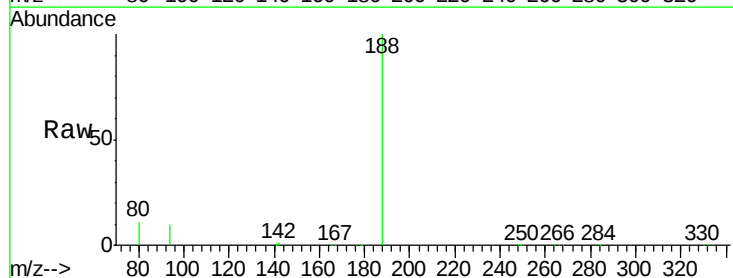
Tgt Ion:188 Resp: 248804

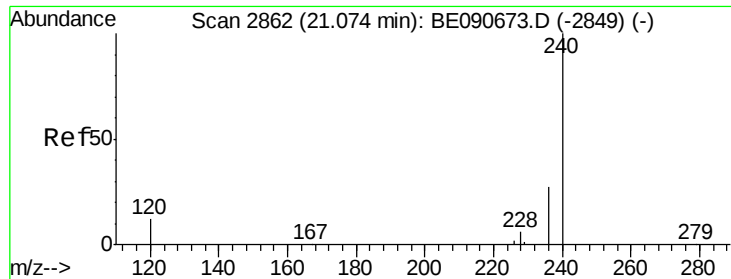
Ion Ratio Lower Upper

188 100

94 10.3 10.3 15.5#

80 11.0 11.0 16.6#





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.07 min Scan# 2862

Delta R.T. -0.00 min

Lab File: BE090777.D

Acq: 11 Sep 2015 00:47

Instrument :

BNA_E

ClientSampleId :

090415-D534-F-D-S

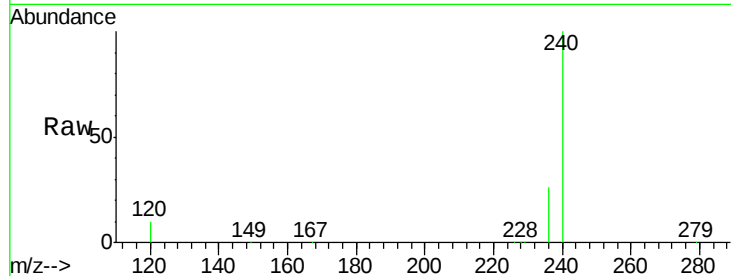
Tgt Ion:240 Resp: 291453

Ion Ratio Lower Upper

240 100

120 10.3 10.1 15.1

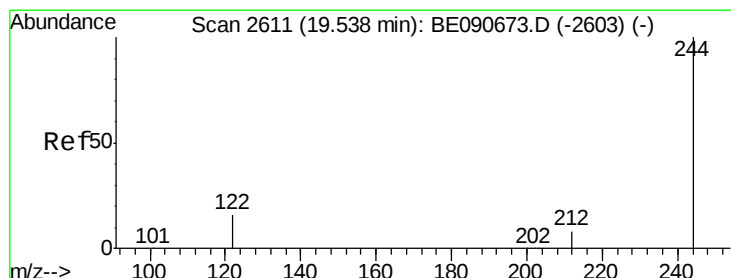
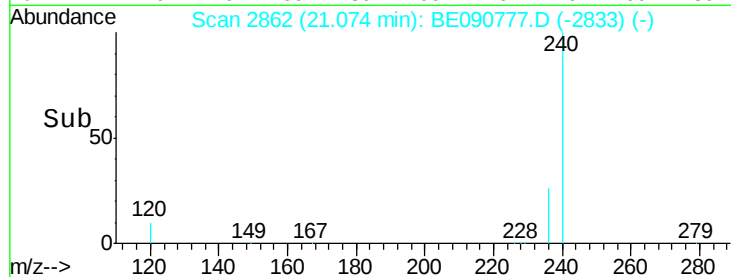
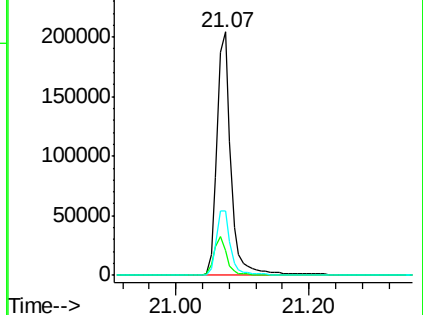
236 26.3 21.9 32.9



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: 6.11 ng

RT: 19.53 min Scan# 2609

Delta R.T. -0.01 min

Lab File: BE090777.D

Acq: 11 Sep 2015 00:47

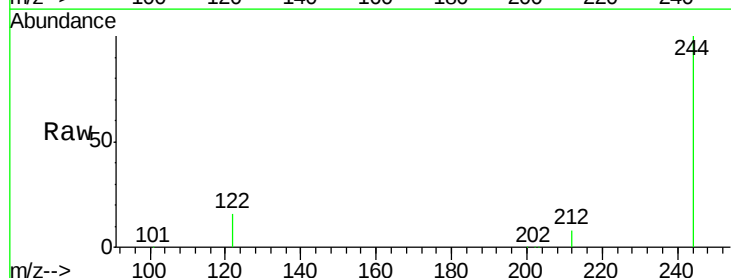
Tgt Ion:244 Resp: 196920

Ion Ratio Lower Upper

244 100

212 8.3 6.9 10.3

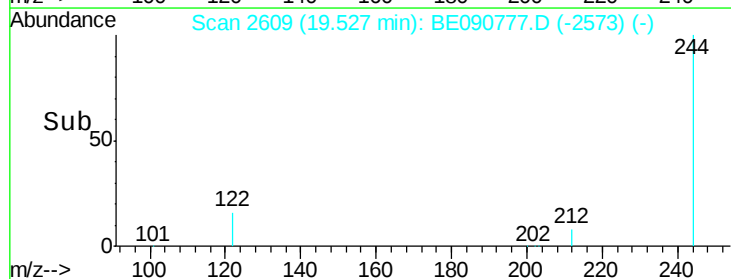
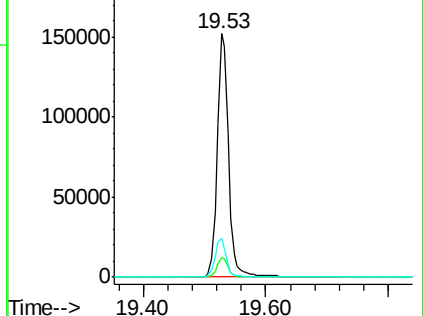
122 16.1 12.9 19.3

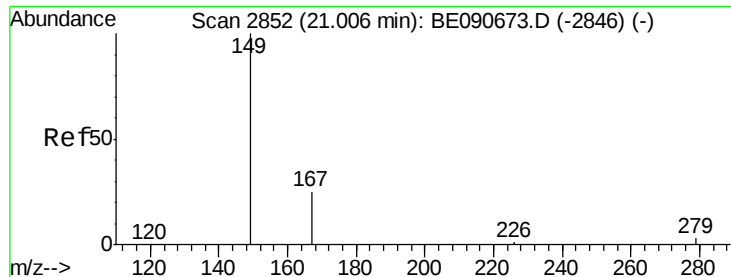


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

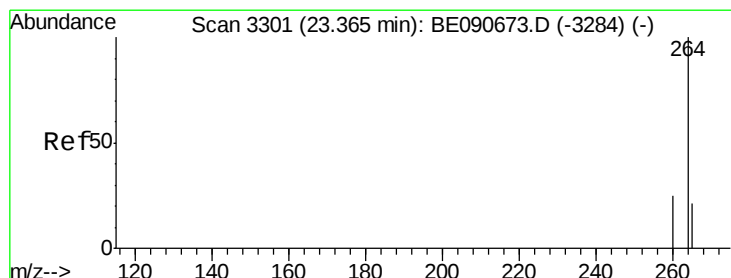
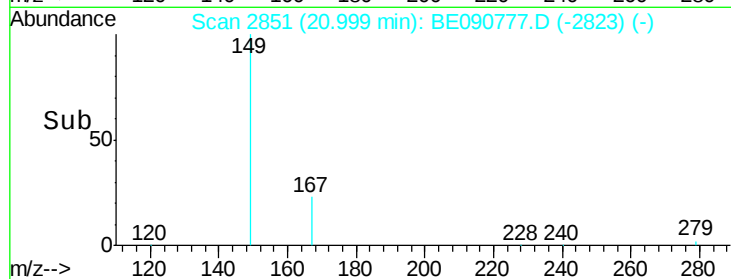
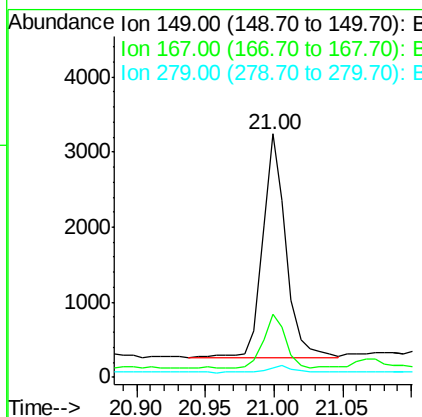
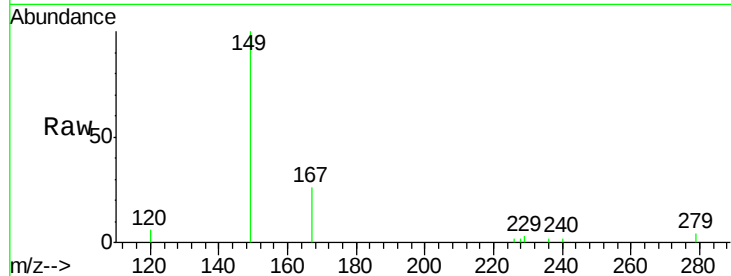




#30
 Bis(2-ethylhexyl)phthalate
 Concen: 0.27 ng
 RT: 21.00 min Scan# 2851
 Delta R.T. -0.01 min
 Lab File: BE090777.D
 Acq: 11 Sep 2015 00:47

Instrument :
 BNA_E
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 090415-D534-F-D-S

Tgt Ion:149 Resp: 3520
 Ion Ratio Lower Upper
 149 100
 167 24.2 20.1 30.1
 279 3.5 2.3 3.5#



#32
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.36 min Scan# 3299
 Delta R.T. -0.01 min
 Lab File: BE090777.D
 Acq: 11 Sep 2015 00:47

Tgt Ion:264 Resp: 259543
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.7 29.5
 265 21.6 17.5 26.3

