

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE082515\
 Data File : BE090621.D
 Acq On : 25 Aug 2015 19:45
 Operator : UM/IZ
 Sample : G3401-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 082215-D534-E-U-S

Quant Time: Aug 26 13:19:10 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE081415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 14 16:52:42 2015
 Response via : Initial Calibration

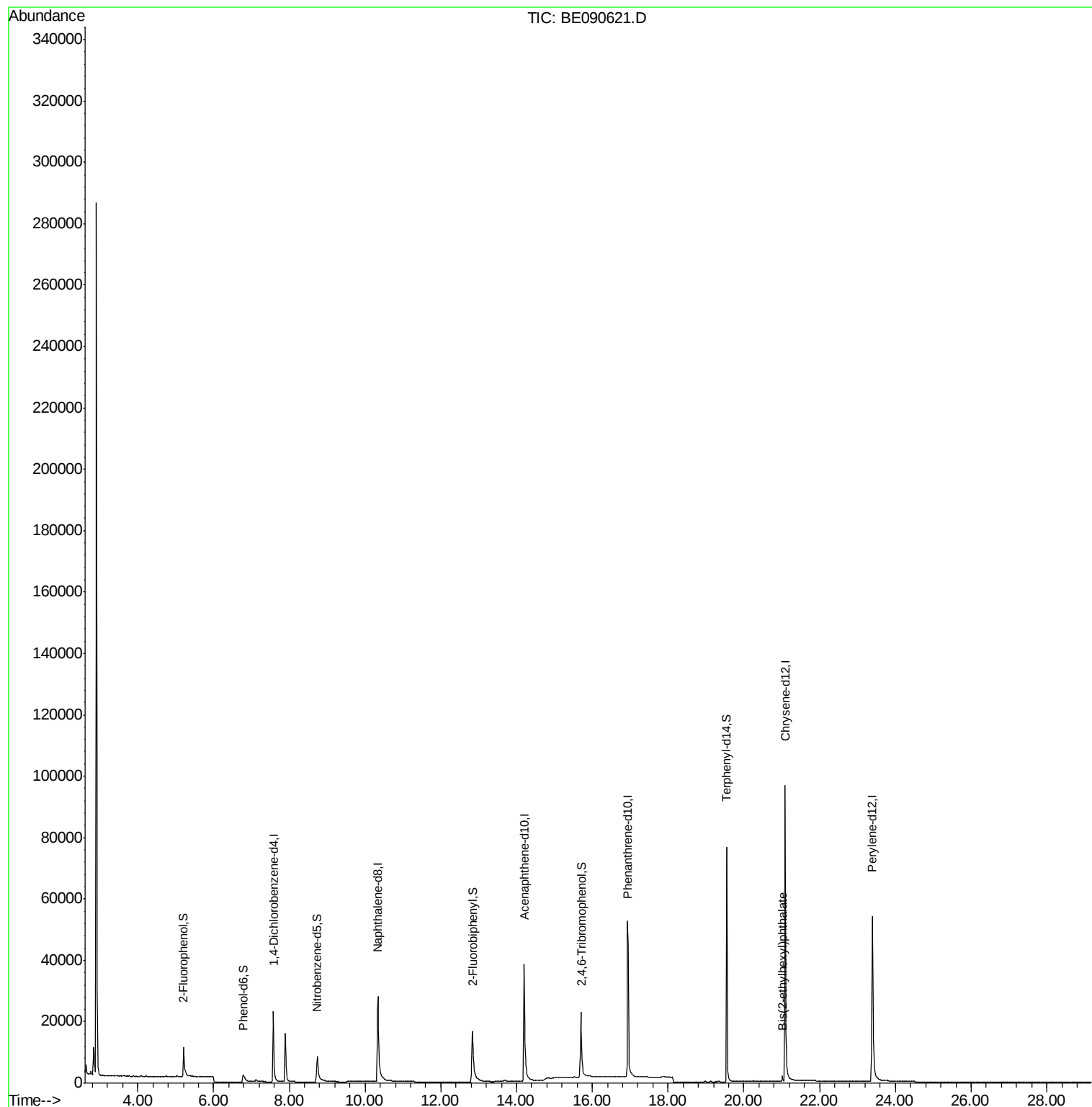
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	14094	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	60130	5.00	ng	0.00
12) Acenaphthene-d10	14.20	164	36148	5.00	ng	0.00
18) Phenanthrene-d10	16.95	188	95530	5.00	ng	0.00
25) Chrysene-d12	21.09	240	109727	5.00	ng	0.00
32) Perylene-d12	23.40	264	94397	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	10338	2.54	ng	0.00
5) Phenol-d6	6.78	99	7127	1.19	ng	0.00
7) Nitrobenzene-d5	8.74	82	16180	3.38	ng	0.01
13) 2,4,6-Tribromophenol	15.71	330	13145	9.45	ng	0.00
14) 2-Fluorobiphenyl	12.83	172	37312	3.46	ng	0.02
27) Terphenyl-d14	19.55	244	88348	4.40	ng	0.00
Target Compounds						
30) Bis(2-ethylhexyl)phthalate	21.02	149	1891	0.25	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: 7.58 min Scan# 844

Delta R.T. -0.00 min

Lab File: BE090621.D

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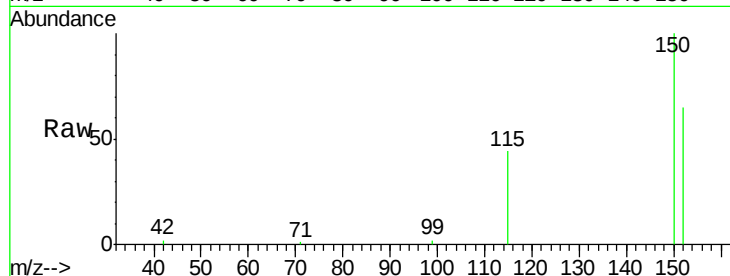
Tgt Ion:152 Resp: 14094

Ion Ratio Lower Upper

152 100

150 153.0 123.0 184.4

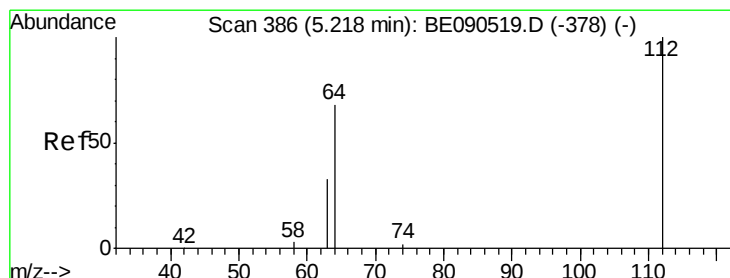
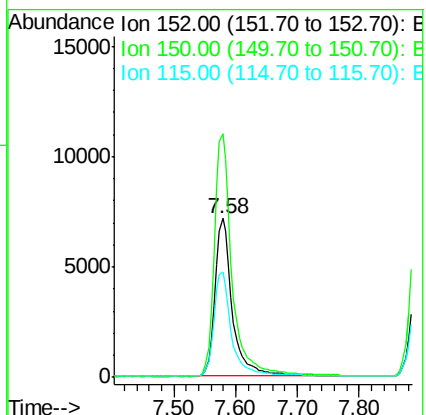
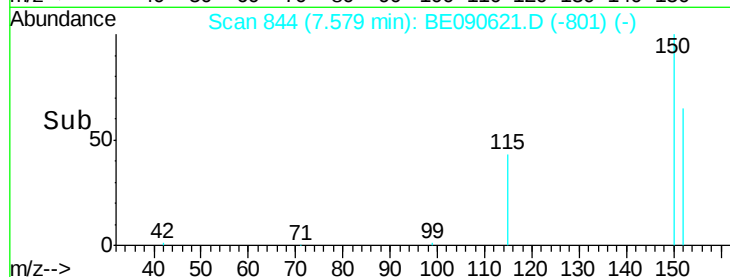
115 66.6 48.9 73.3



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: 2.54 ng

RT: 5.21 min Scan# 385

Delta R.T. -0.01 min

Lab File: BE090621.D

Acq: 25 Aug 2015 19:45

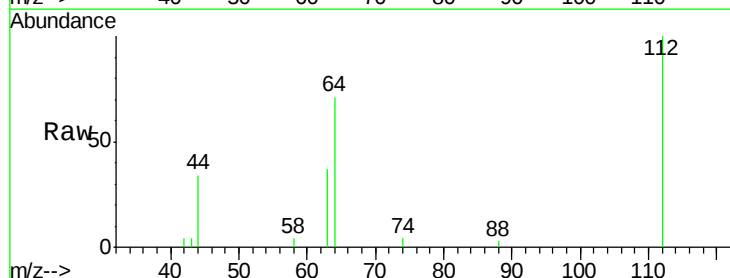
Tgt Ion:112 Resp: 10338

Ion Ratio Lower Upper

112 100

64 70.1 37.1 55.7#

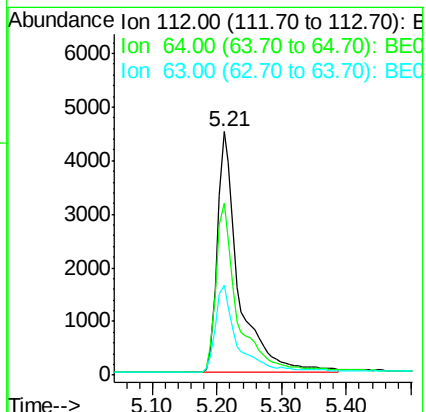
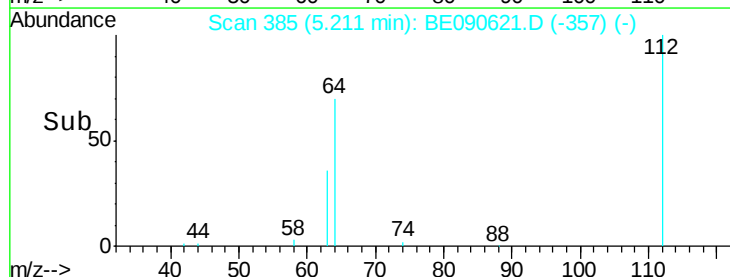
63 36.2 19.5 29.3#

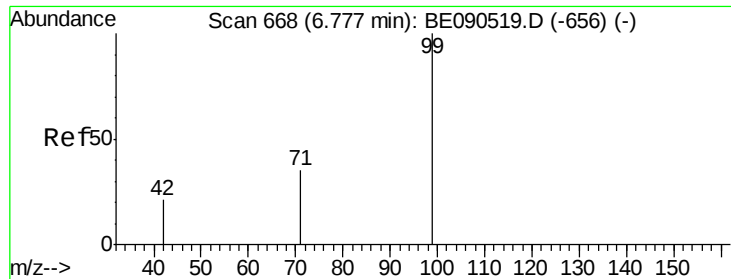


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 1.19 ng

RT: 6.78 min Scan# 669

Delta R.T. 0.00 min

Lab File: BE090621.D

Acq: 25 Aug 2015 19:45

Instrument :

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ClientSampleId :

082215-D534-E-U-S

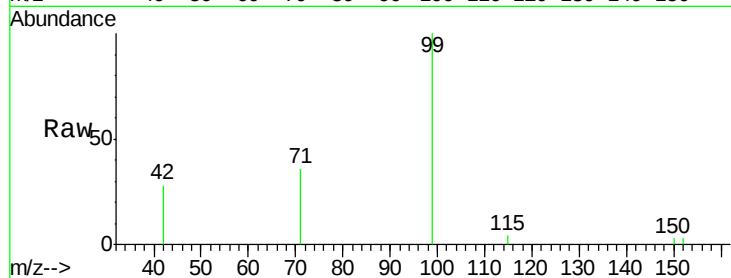
Tgt Ion: 99 Resp: 7127

Ion Ratio Lower Upper

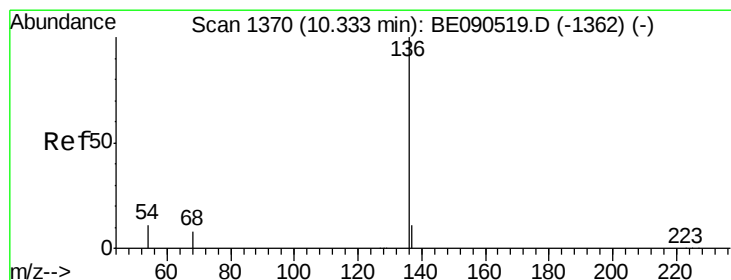
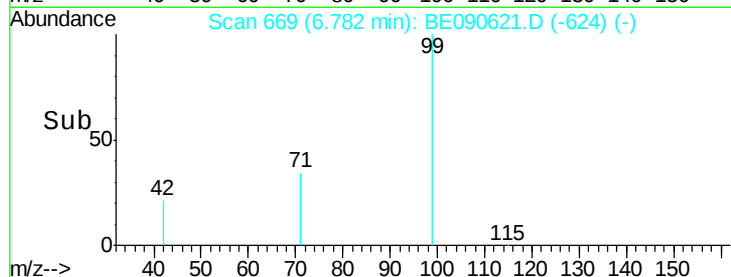
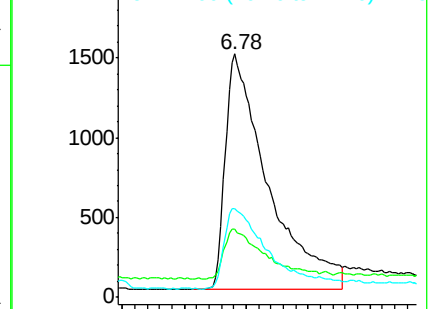
99 100

42 20.3 18.2 27.4

71 35.9 27.4 41.0



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: 10.34 min Scan# 1371

Delta R.T. 0.01 min

Lab File: BE090621.D

Acq: 25 Aug 2015 19:45

Tgt Ion: 136 Resp: 60130

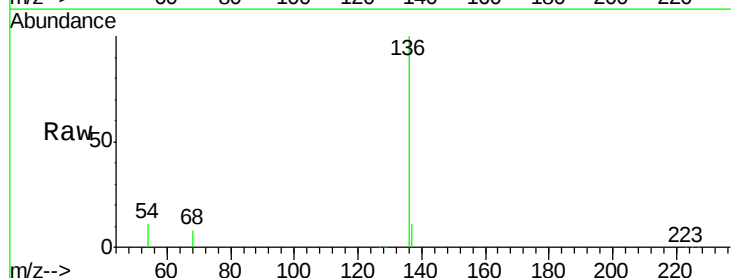
Ion Ratio Lower Upper

136 100

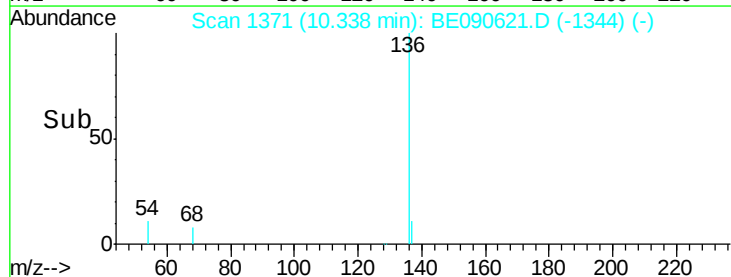
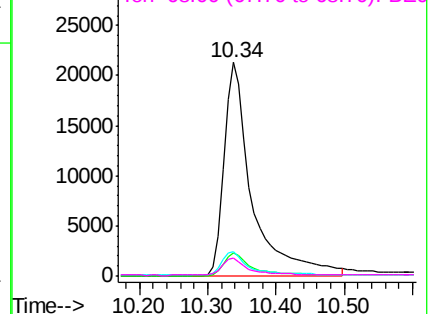
137 11.0 8.7 13.1

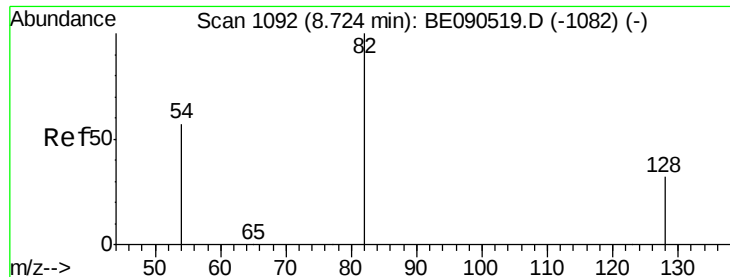
54 11.3 9.4 14.0

68 8.3 6.5 9.7



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: 3.38 ng

RT: 8.74 min Scan# 1095

Delta R.T. 0.01 min

Lab File: BE090621.D

Acq: 25 Aug 2015 19:45

Instrument :

BNA_E

ClientSampleId :

082215-D534-E-U-S

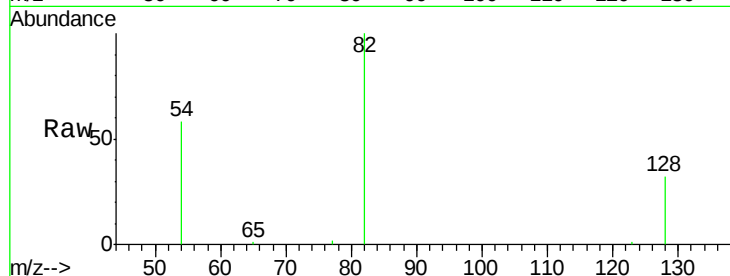
Tgt Ion: 82 Resp: 16180

Ion Ratio Lower Upper

82 100

128 32.0 25.0 37.6

54 58.1 48.8 73.2



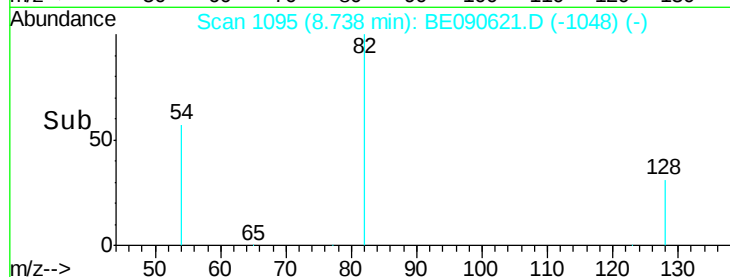
Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0

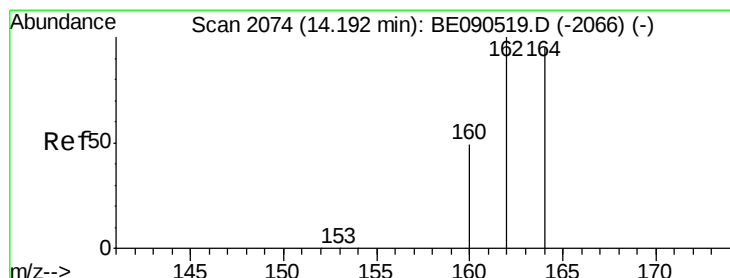
8.74

Time-->



8.74

Time-->



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.20 min Scan# 2075

Delta R.T. 0.01 min

Lab File: BE090621.D

Acq: 25 Aug 2015 19:45

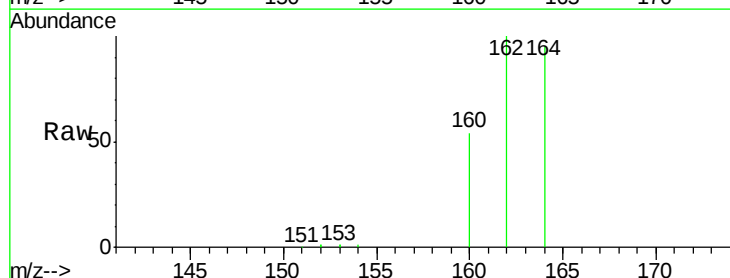
Tgt Ion: 164 Resp: 36148

Ion Ratio Lower Upper

164 100

162 104.9 81.8 122.8

160 56.3 44.2 66.4



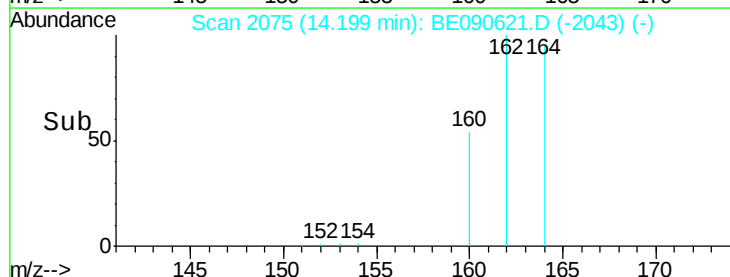
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

14.20

Time-->

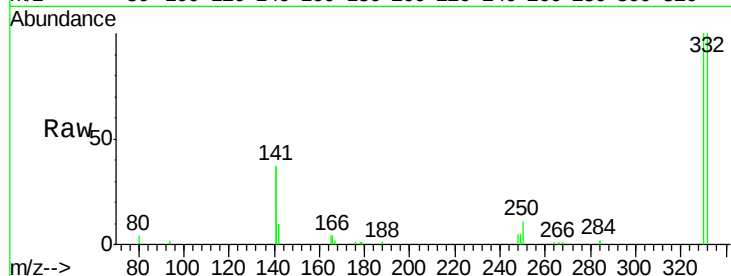




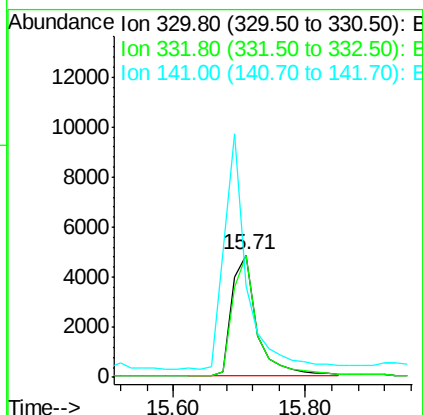
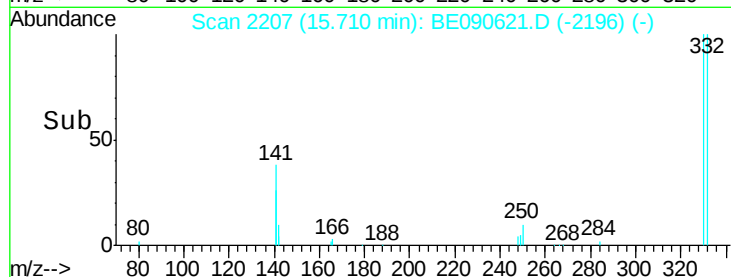
#13
 2,4,6-Tribromophenol
 Concen: 9.45 ng
 RT: 15.71 min Scan# 2207
 Delta R.T. -0.00 min
 Lab File: BE090621.D
 Acq: 25 Aug 2015 19:45

Instrument :
 BNA_E
 ClientSampleId :
 082215-D534-E-U-S

Tgt Ion:330 Resp: 13145
 Ion Ratio Lower Upper
 330 100
 332 96.1 75.8 113.6
 141 171.7 114.4 171.6#

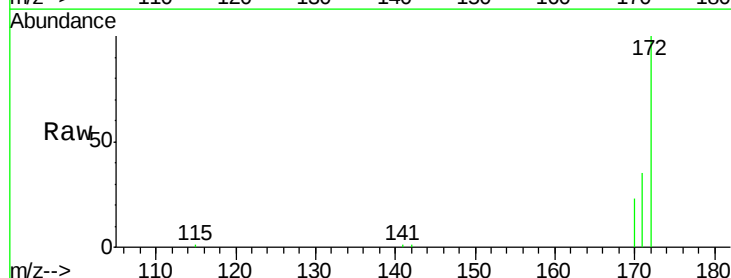


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

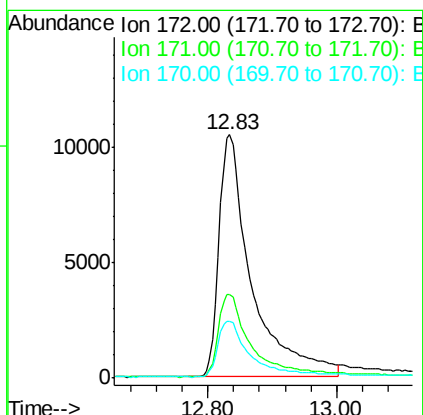
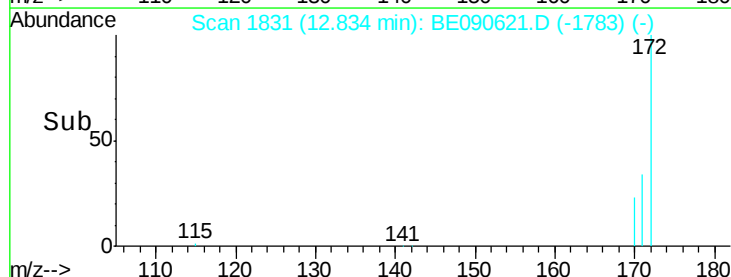


#14
 2-Fluorobiphenyl
 Concen: 3.46 ng
 RT: 12.83 min Scan# 1831
 Delta R.T. 0.02 min
 Lab File: BE090621.D
 Acq: 25 Aug 2015 19:45

Tgt Ion:172 Resp: 37312
 Ion Ratio Lower Upper
 172 100
 171 34.5 28.5 42.7
 170 23.4 19.8 29.8



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: 16.95 min Scan# 2278

Delta R.T. -0.00 min

Lab File: BE090621.D

Acq: 25 Aug 2015 19:45

Instrument :

BNA_E

ClientSampleId :

082215-D534-E-U-S

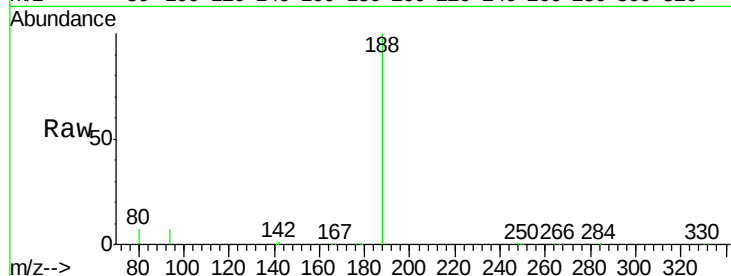
Tgt Ion:188 Resp: 95530

Ion Ratio Lower Upper

188 100

94 6.7 5.7 8.5

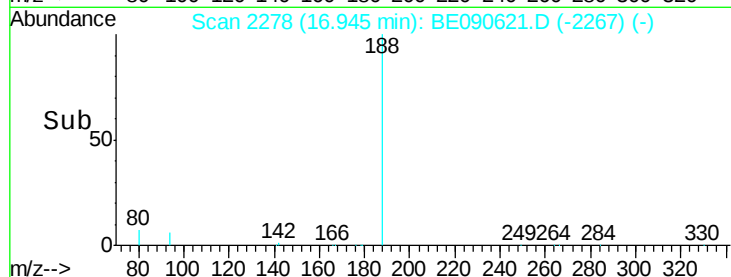
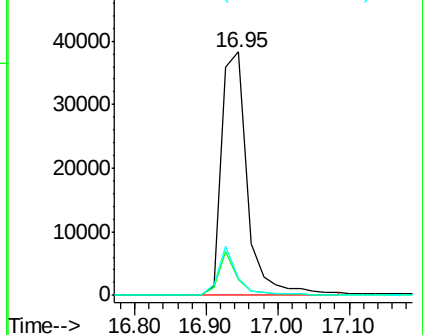
80 7.0 5.8 8.8



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: 21.09 min Scan# 2865

Delta R.T. 0.00 min

Lab File: BE090621.D

Acq: 25 Aug 2015 19:45

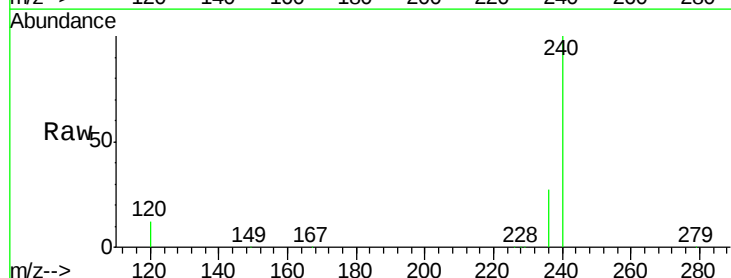
Tgt Ion:240 Resp: 109727

Ion Ratio Lower Upper

240 100

120 12.2 8.3 12.5

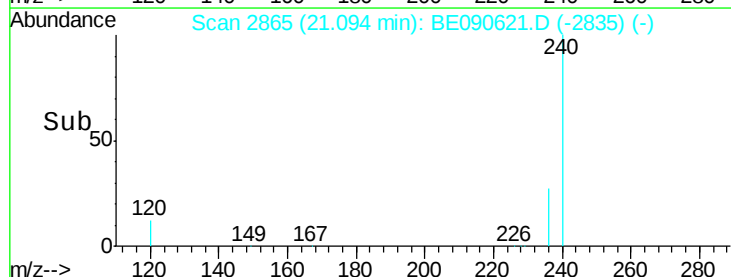
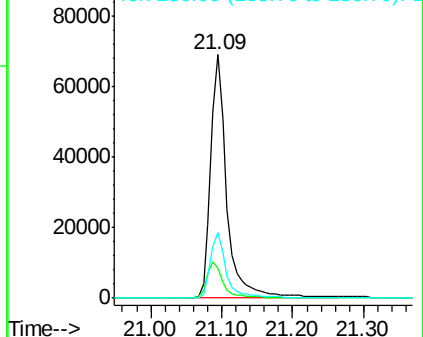
236 26.8 21.0 31.4

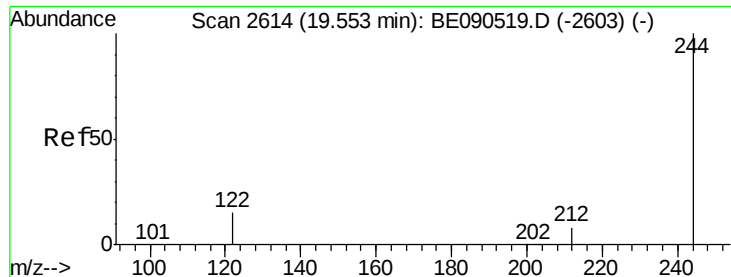


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Terphenyl-d14

Concen: 4.40 ng

RT: 19.55 min Scan# 2613

Delta R.T. -0.00 min

Lab File: BE090621.D

Acq: 25 Aug 2015 19:45

Instrument :

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ClientSampleId :

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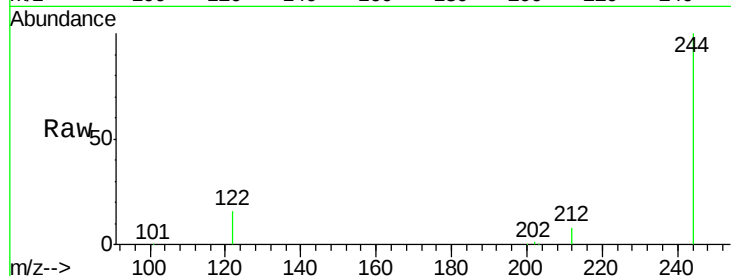
Tgt Ion:244 Resp: 88348

Ion Ratio Lower Upper

244 100

212 8.3 6.6 9.8

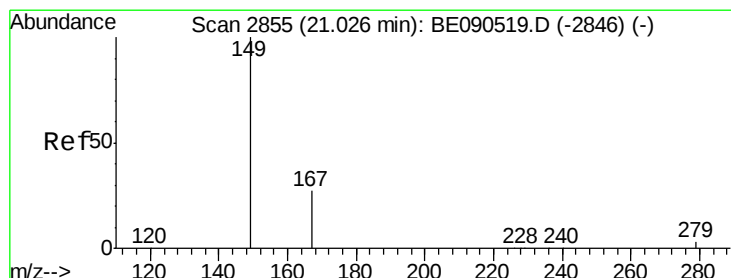
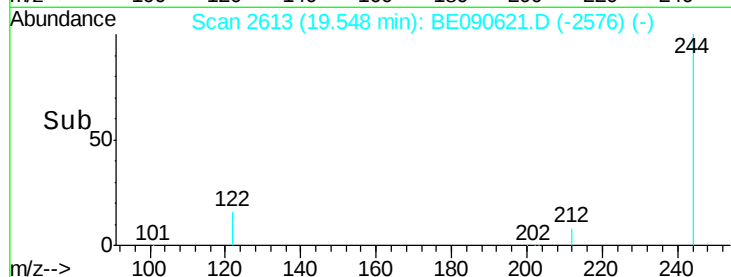
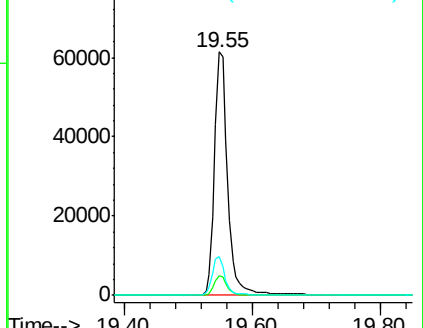
122 16.0 10.2 15.4#



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: 0.25 ng

RT: 21.02 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BE090621.D

Acq: 25 Aug 2015 19:45

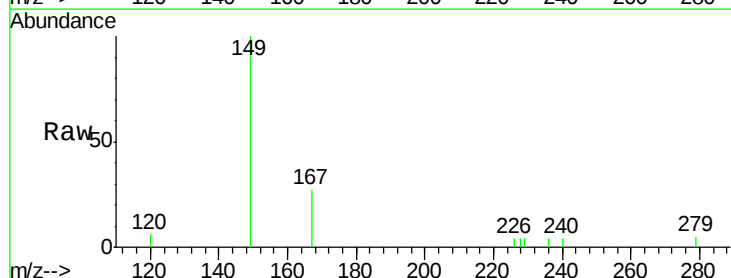
Tgt Ion:149 Resp: 1891

Ion Ratio Lower Upper

149 100

167 21.9 19.8 29.8

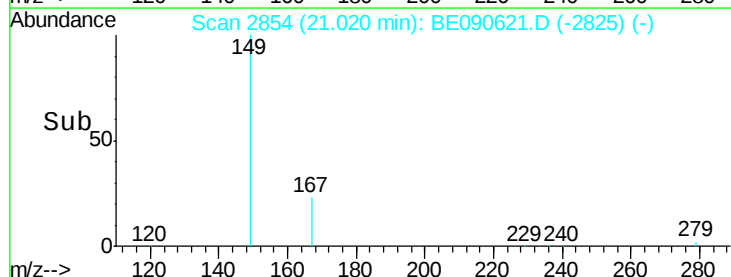
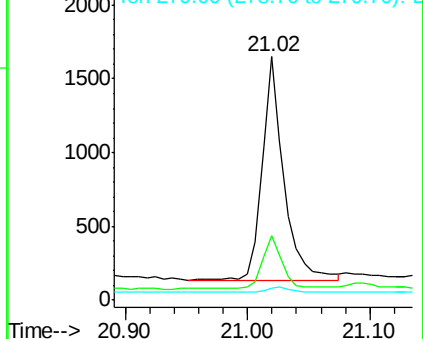
279 2.7 2.4 3.6



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: 23.40 min Scan# 3308

Delta R.T. 0.00 min

Lab File: BE090621.D

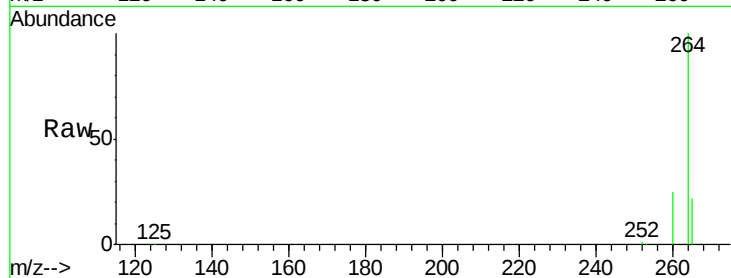
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Tgt Ion:	264	Resp:	94397
Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.1	30.1
265	21.8	17.2	25.8

