

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE082815\
 Data File : BE090661.D
 Acq On : 28 Aug 2015 18:19
 Operator : UM/IZ
 Sample : G3460-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 082715-D534-F-D-B

Quant Time: Aug 31 11:42:55 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

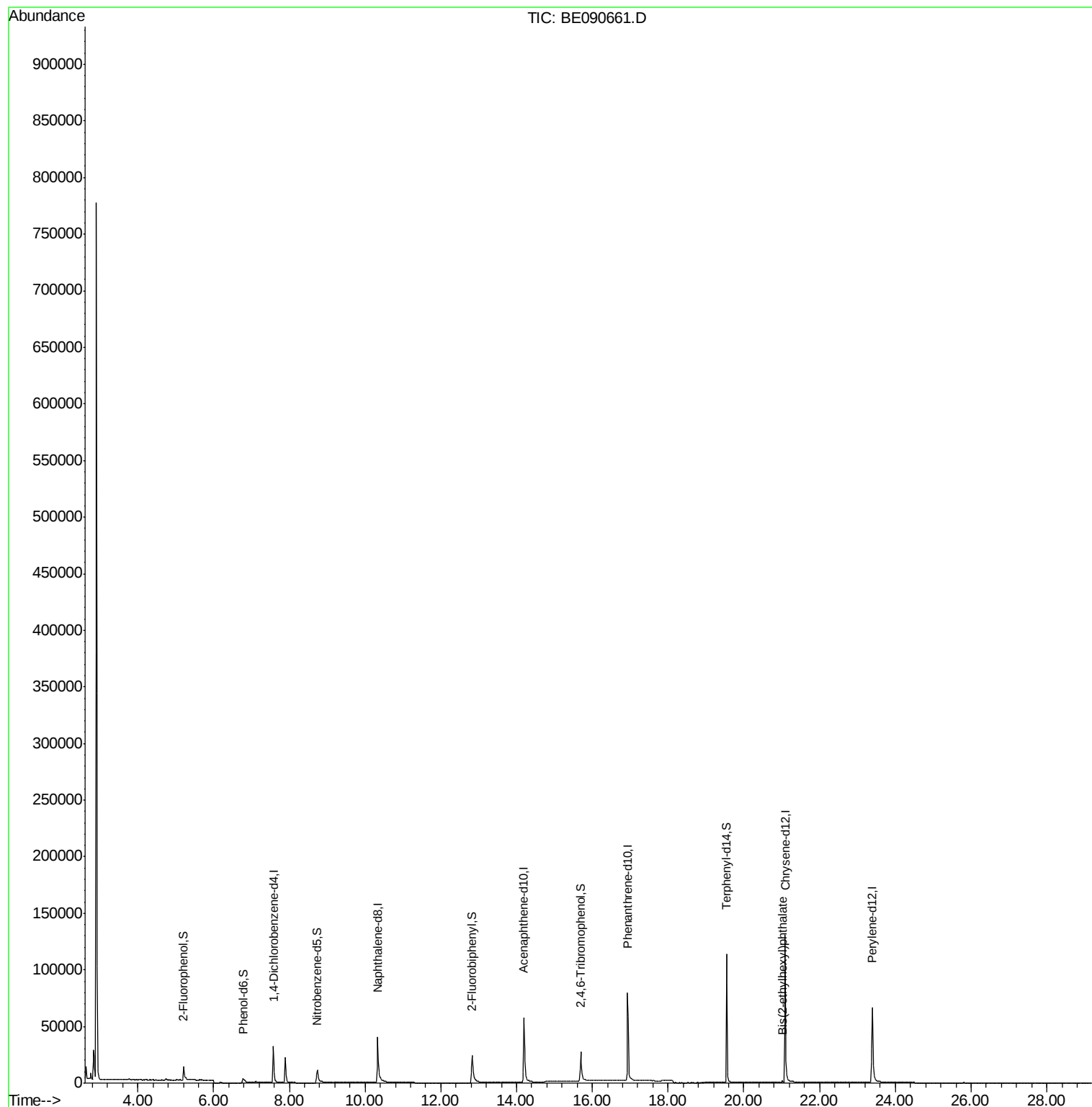
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	19316	5.00	ng	0.00
6) Naphthalene-d8	10.33	136	84271	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	50284	5.00	ng	0.00
18) Phenanthrene-d10	16.93	188	134199	5.00	ng	-0.02
25) Chrysene-d12	21.09	240	144453	5.00	ng	0.00
32) Perylene-d12	23.39	264	119199	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	13288	2.38	ng	0.00
5) Phenol-d6	6.78	99	10960	1.33	ng	0.00
7) Nitrobenzene-d5	8.74	82	21188	3.16	ng	0.02
13) 2,4,6-Tribromophenol	15.69	330	15285	7.90	ng	-0.02
14) 2-Fluorobiphenyl	12.82	172	50087	3.34	ng	0.00
27) Terphenyl-d14	19.55	244	121552	4.60	ng	0.00
Target Compounds						
30) Bis(2-ethylhexyl)phthalate	21.02	149	1857	0.22	ng	Qvalue 97

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

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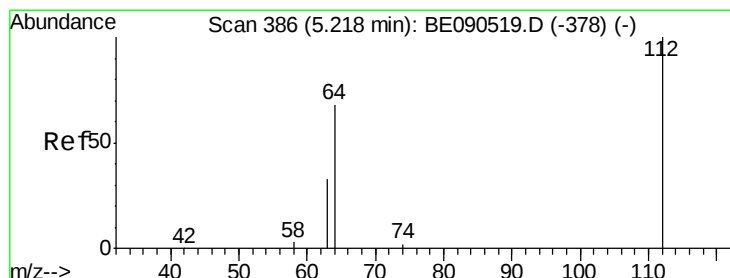
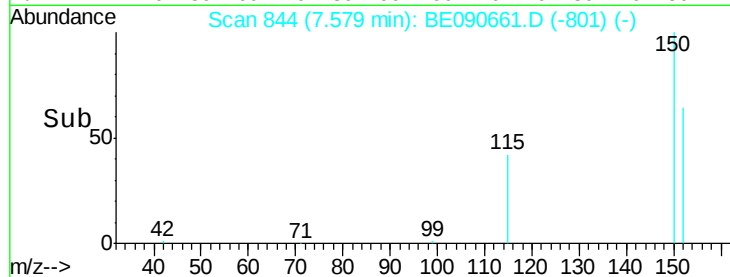
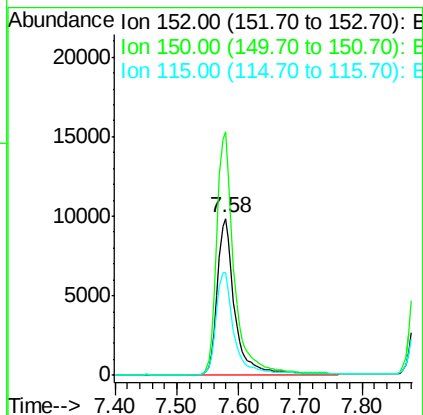
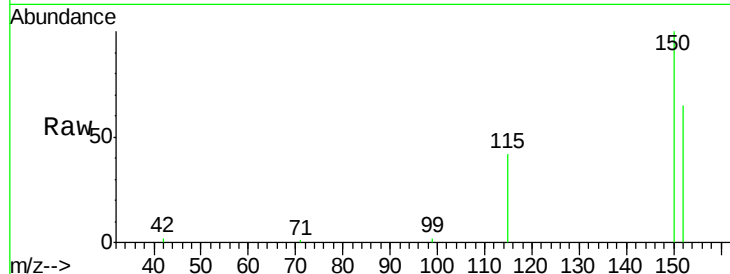


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.58 min Scan# 844
Delta R.T. -0.00 min
Lab File: BE090661.D
Acq: 28 Aug 2015 18:19

Instrument :
BNA_E
ClientSampleId :
082715-D534-F-D-B

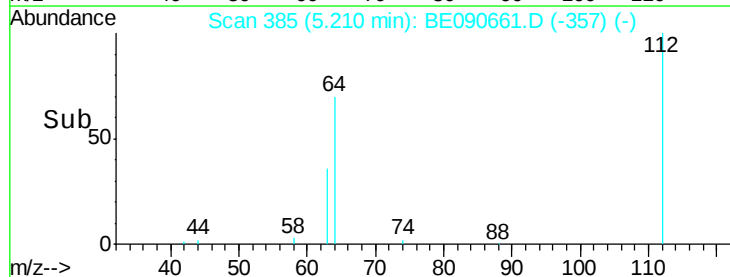
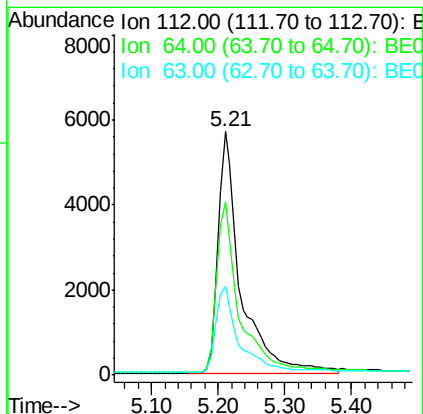
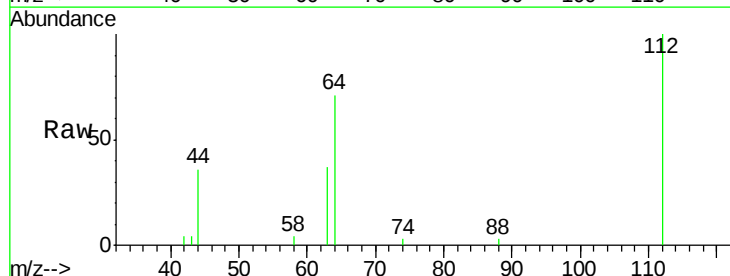
Tgt Ion:152 Resp: 19316
Ion Ratio Lower Upper
152 100
150 155.0 123.0 184.4
115 65.1 48.9 73.3

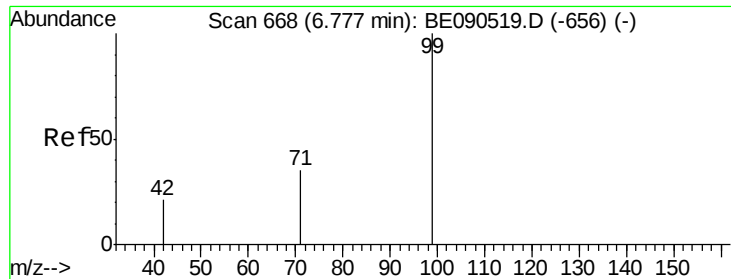


#4

2-Fluorophenol
Concen: 2.38 ng
RT: 5.21 min Scan# 385
Delta R.T. -0.01 min
Lab File: BE090661.D
Acq: 28 Aug 2015 18:19

Tgt Ion:112 Resp: 13288
Ion Ratio Lower Upper
112 100
64 71.3 37.1 55.7#
63 37.0 19.5 29.3#





#5

Phenol-d6

Concen: 1.33 ng

RT: 6.78 min Scan# 668

Delta R.T. -0.00 min

Lab File: BE090661.D

Acq: 28 Aug 2015 18:19

Instrument :

BNA_E

ClientSampleId :

082715-D534-F-D-B

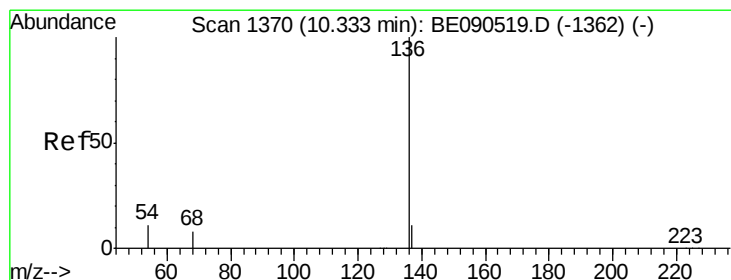
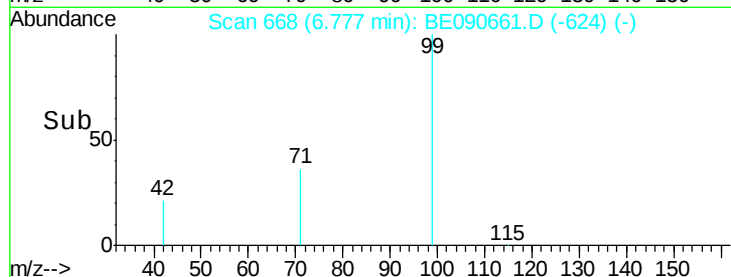
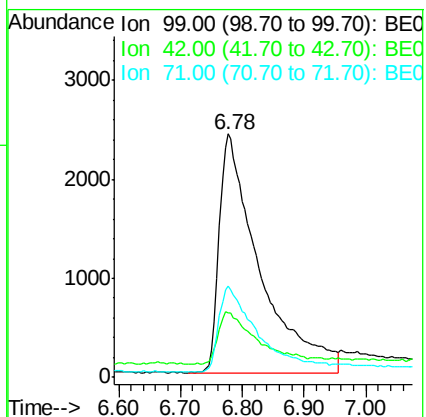
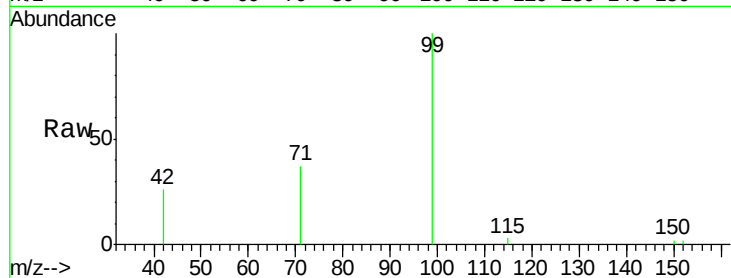
Tgt Ion: 99 Resp: 10960

Ion Ratio Lower Upper

99 100

42 21.4 18.2 27.4

71 34.2 27.4 41.0



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.33 min Scan# 1370

Delta R.T. -0.00 min

Lab File: BE090661.D

Acq: 28 Aug 2015 18:19

Tgt Ion: 136 Resp: 84271

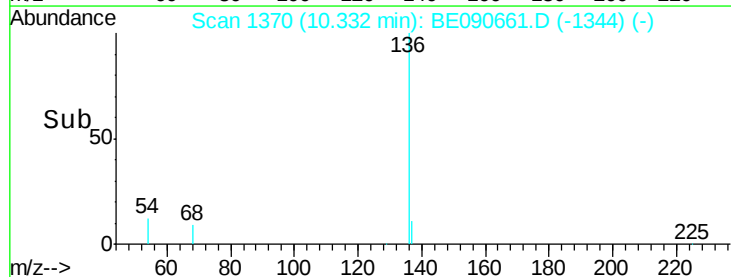
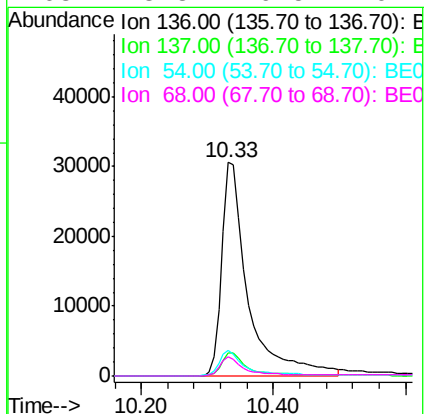
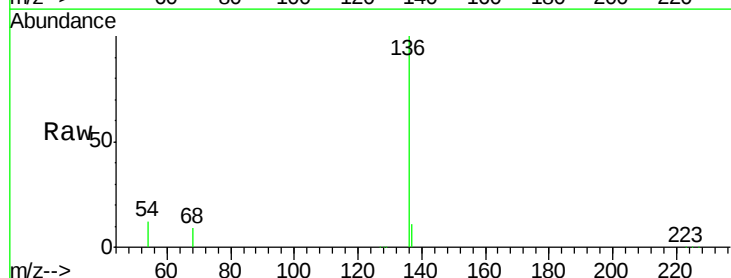
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 12.1 9.4 14.0

68 8.8 6.5 9.7





#7

Nitrobenzene-d5

Concen: 3.16 ng

RT: 8.74 min Scan# 1095

Delta R.T. 0.02 min

Lab File: BE090661.D

Acq: 28 Aug 2015 18:19

Instrument :

BNA_E

ClientSampleId :

082715-D534-F-D-B

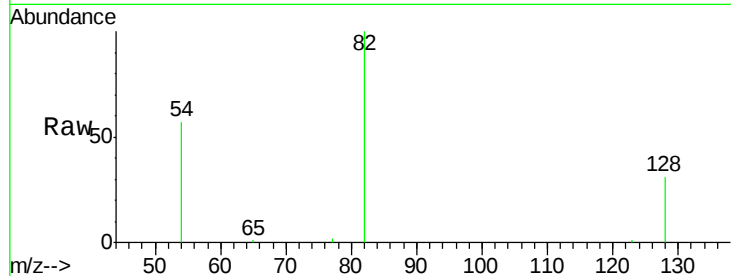
Tgt Ion: 82 Resp: 21188

Ion Ratio Lower Upper

82 100

128 30.7 25.0 37.6

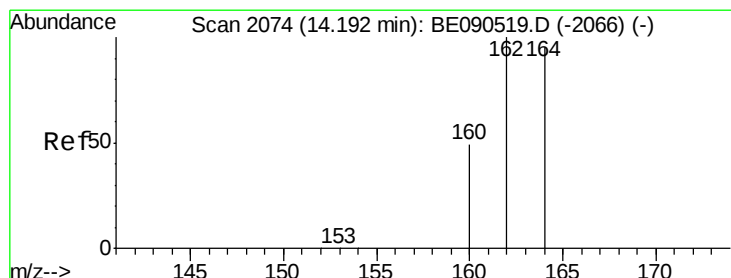
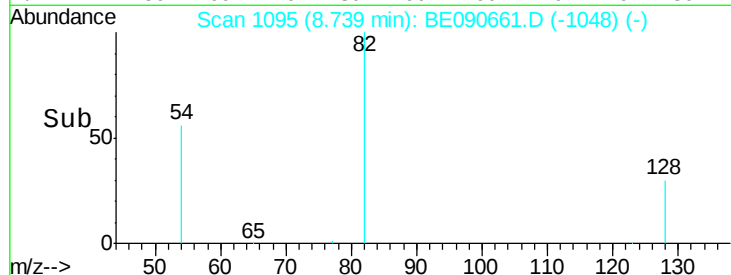
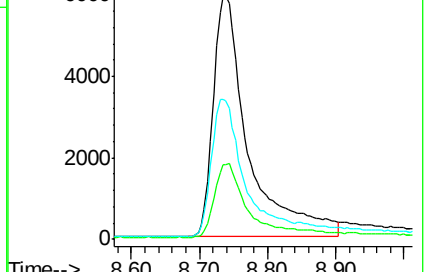
54 56.9 48.8 73.2



Abundance Ion 82.00 (81.70 to 82.70): BE090519.D (-1082) (-)

Ion 128.00 (127.70 to 128.70): BE090519.D (-1082) (-)

Ion 54.00 (53.70 to 54.70): BE090519.D (-1082) (-)



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.19 min Scan# 2074

Delta R.T. 0.00 min

Lab File: BE090661.D

Acq: 28 Aug 2015 18:19

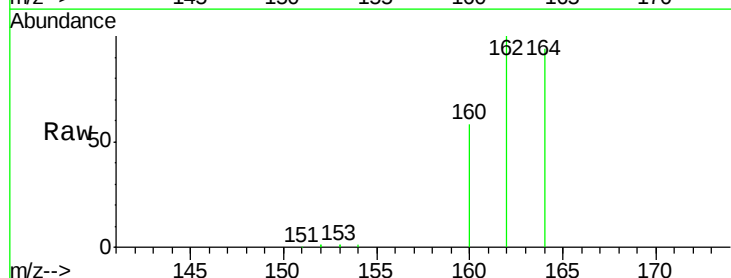
Tgt Ion: 164 Resp: 50284

Ion Ratio Lower Upper

164 100

162 106.7 81.8 122.8

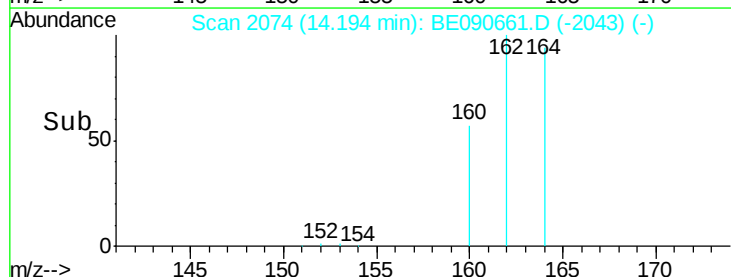
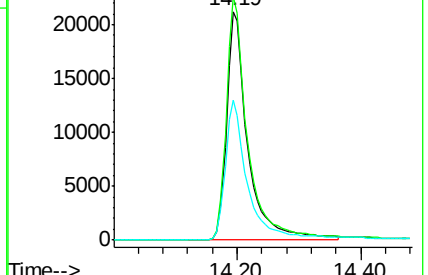
160 61.4 44.2 66.4



Abundance Ion 164.00 (163.70 to 164.70): BE090519.D (-2066) (-)

Ion 162.00 (161.70 to 162.70): BE090519.D (-2066) (-)

Ion 160.00 (159.70 to 160.70): BE090519.D (-2066) (-)

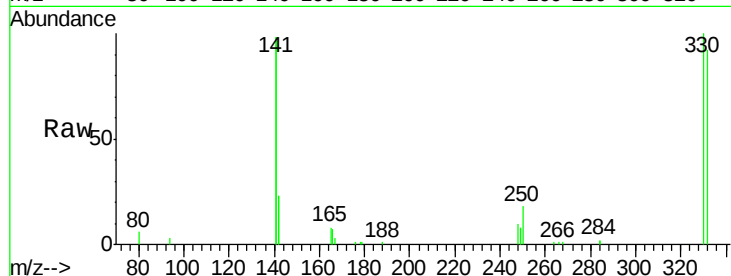




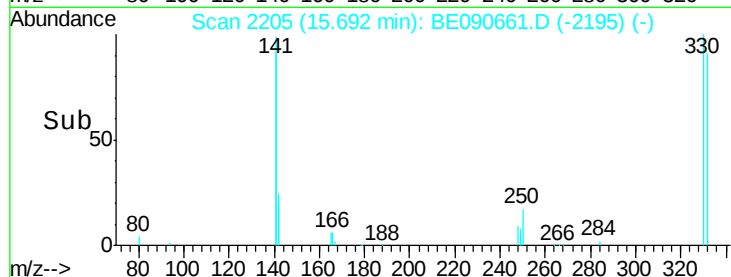
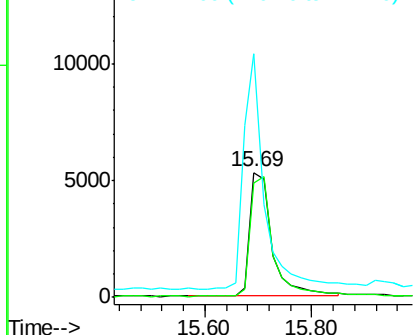
#13
 2,4,6-Tribromophenol
 Concen: 7.90 ng
 RT: 15.69 min Scan# 2205
 Delta R.T. -0.02 min
 Lab File: BE090661.D
 Acq: 28 Aug 2015 18:19

Instrument :
 BNA_E
 ClientSampleId :
 082715-D534-F-D-B

Tgt Ion:330 Resp: 15285
 Ion Ratio Lower Upper
 330 100
 332 97.4 75.8 113.6
 141 176.1 114.4 171.6#

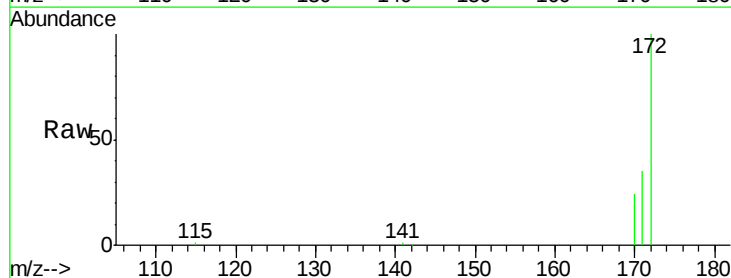


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

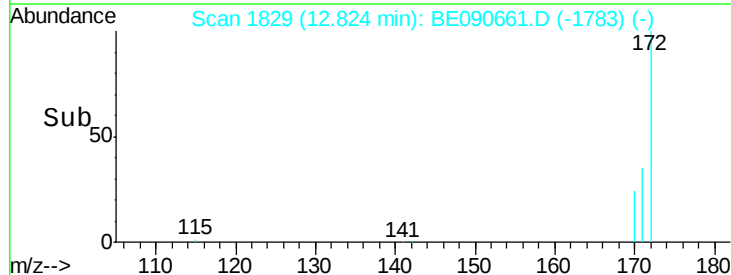
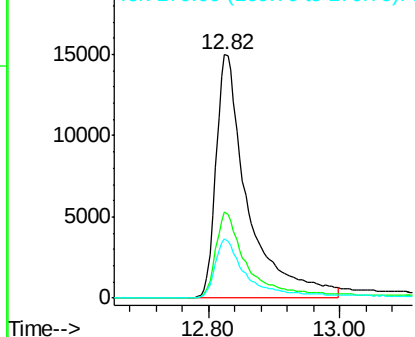


#14
 2-Fluorobiphenyl
 Concen: 3.34 ng
 RT: 12.82 min Scan# 1829
 Delta R.T. 0.01 min
 Lab File: BE090661.D
 Acq: 28 Aug 2015 18:19

Tgt Ion:172 Resp: 50087
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.5 42.7
 170 24.4 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: 16.93 min Scan# 2276

Delta R.T. -0.02 min

Lab File: BE090661.D

Acq: 28 Aug 2015 18:19

Instrument :

BNA_E

ClientSampleId :

082715-D534-F-D-B

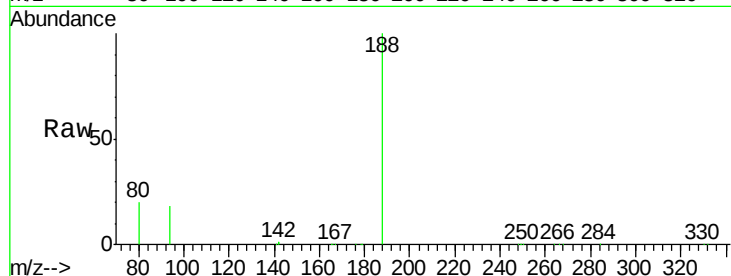
Tgt Ion:188 Resp: 134199

Ion Ratio Lower Upper

188 100

94 17.9 5.7 8.5#

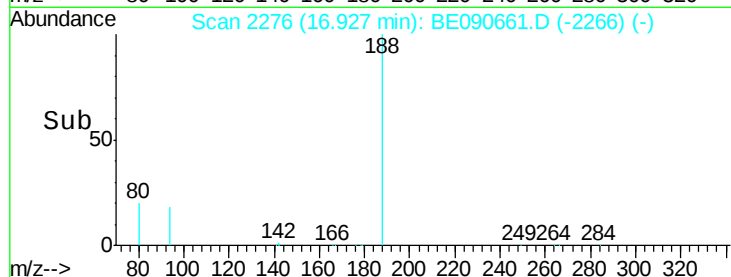
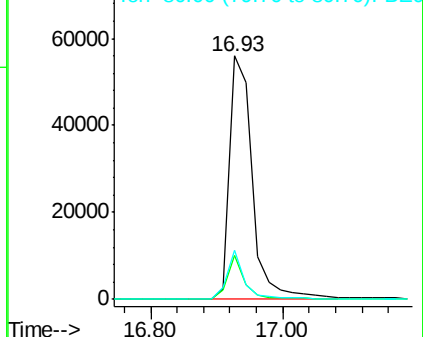
80 19.9 5.8 8.8#



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# 2863

Delta R.T. -0.00 min

Lab File: BE090661.D

Acq: 28 Aug 2015 18:19

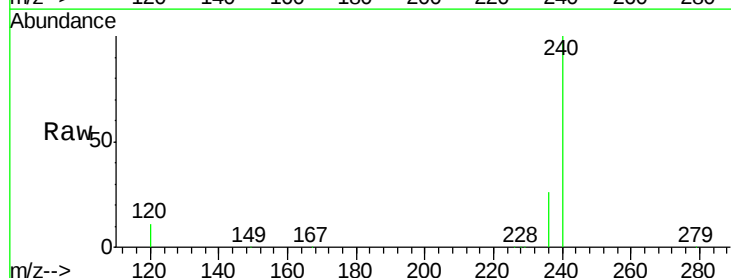
Tgt Ion:240 Resp: 144453

Ion Ratio Lower Upper

240 100

120 11.4 8.3 12.5

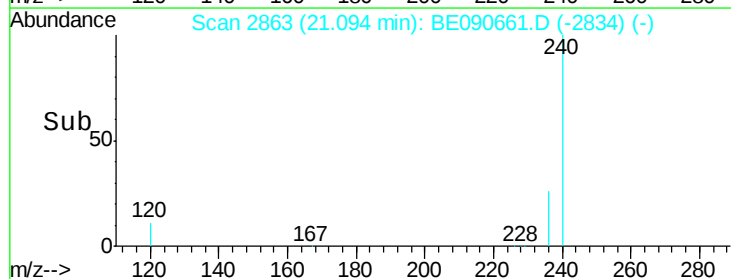
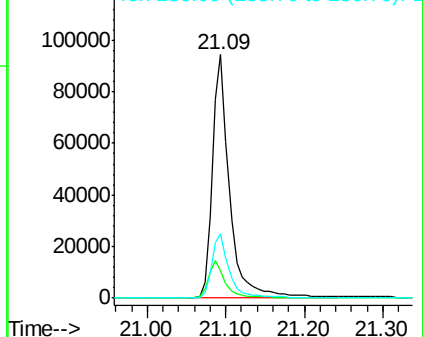
236 26.4 21.0 31.4



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: 4.60 ng

RT: 19.55 min Scan# 2612

Delta R.T. -0.00 min

Lab File: BE090661.D

Acq: 28 Aug 2015 18:19

Instrument :

BNA_E

ClientSampleId :

082715-D534-F-D-B

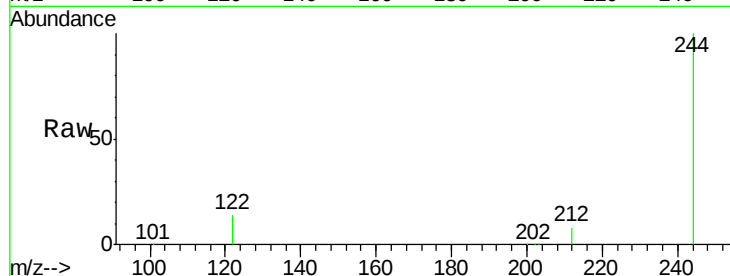
Tgt Ion:244 Resp: 121552

Ion Ratio Lower Upper

244 100

212 8.0 6.6 9.8

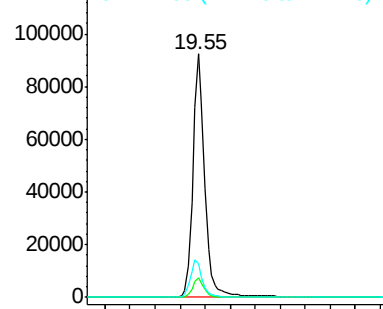
122 14.0 10.2 15.4



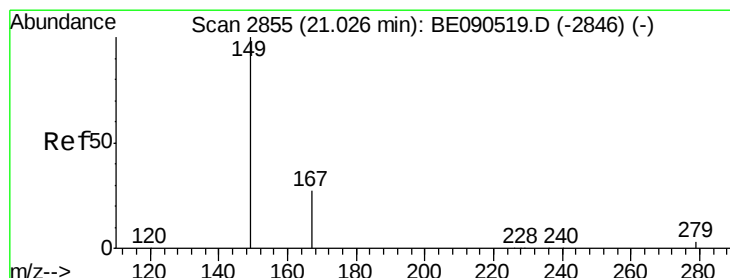
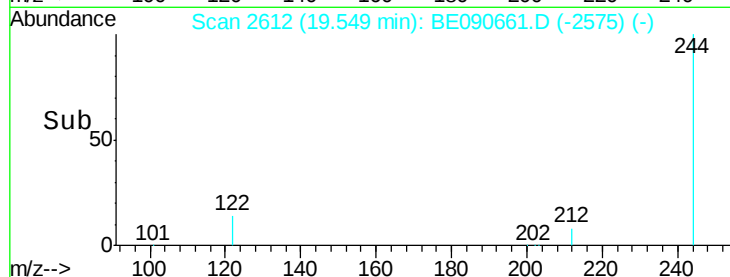
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 19.40 19.60 19.80



#30

Bis(2-ethylhexyl)phthalate

Concen: 0.22 ng

RT: 21.02 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BE090661.D

Acq: 28 Aug 2015 18:19

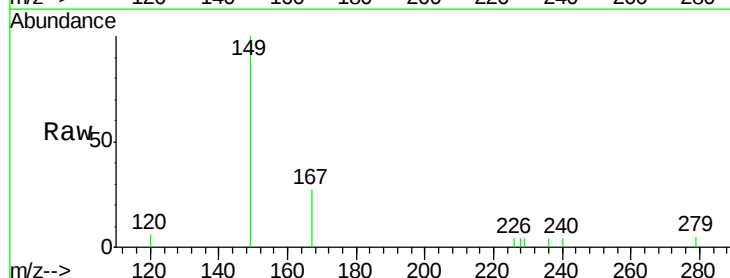
Tgt Ion:149 Resp: 1857

Ion Ratio Lower Upper

149 100

167 23.3 19.8 29.8

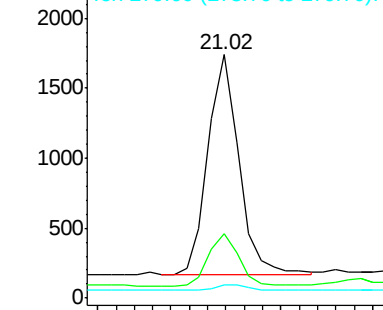
279 3.2 2.4 3.6



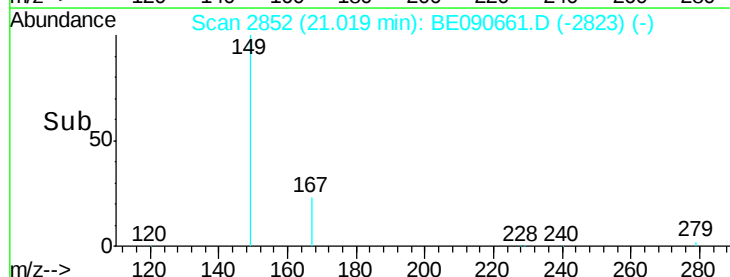
Abundance Ion 149.00 (148.70 to 149.70): E

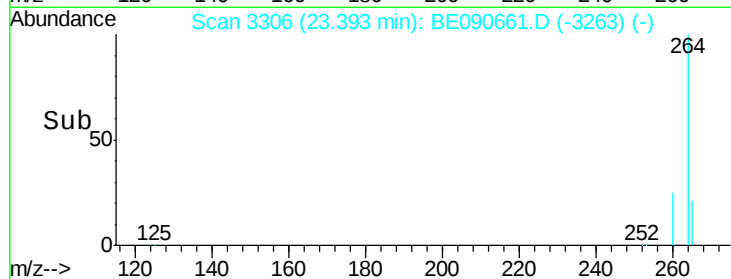
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time--> 20.95 21.00 21.05





#32

Perylene-d12

Concen: 5.00 ng

RT: 23.39 min Scan# 3306

Delta R.T. -0.00 min

Lab File: BE090661.D

Acq: 28 Aug 2015 18:19

Instrument :

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ClientSampleId :

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Tgt Ion: 264 Resp: 119199

Ion Ratio Lower Upper

264 100

260 24.9 20.1 30.1

265 21.6 17.2 25.8

