

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE082715\
 Data File : BE090652.D
 Acq On : 27 Aug 2015 16:13
 Operator : UM/IZ
 Sample : G3415-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 082515-D534-E-D-M

Quant Time: Aug 27 23:10:18 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE081415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 27 23:02:45 2015
 Response via : Initial Calibration

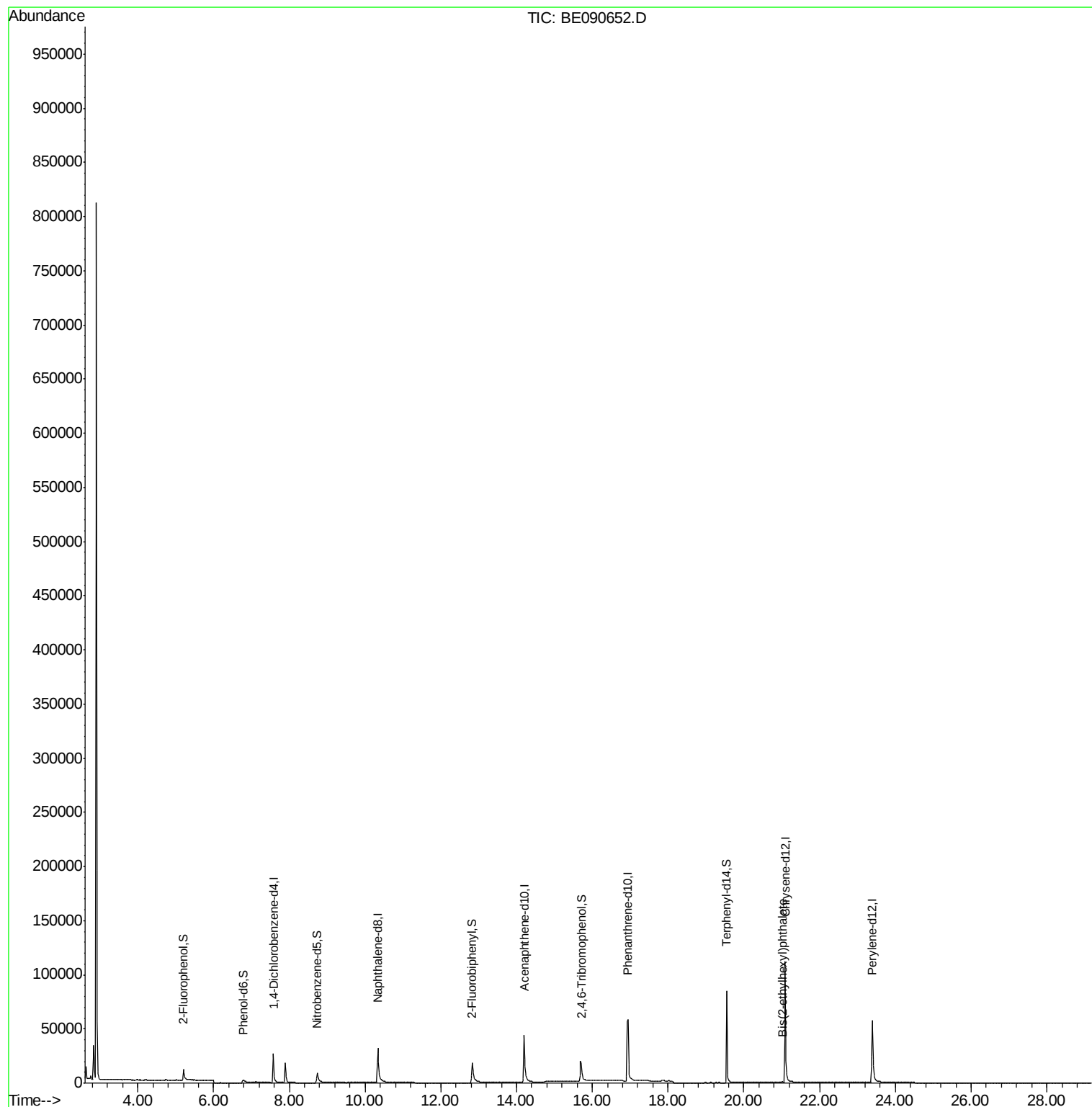
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	16655	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	72426	5.00	ng	0.00
12) Acenaphthene-d10	14.20	164	42550	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	117028	5.00	ng	0.00
25) Chrysene-d12	21.09	240	130295	5.00	ng	0.00
32) Perylene-d12	23.39	264	108527	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	11210	2.33	ng	0.00
5) Phenol-d6	6.78	99	7817	1.10	ng	0.00
7) Nitrobenzene-d5	8.74	82	17345	3.01	ng	0.01
13) 2,4,6-Tribromophenol	15.71	330	13256	8.10	ng	0.00
14) 2-Fluorobiphenyl	12.83	172	41186	3.24	ng	0.01
27) Terphenyl-d14	19.55	244	100954	4.24	ng	0.00
Target Compounds						
30) Bis(2-ethylhexyl)phthalate	21.02	149	827	0.18	ng	Qvalue 94

(#) = 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: BE090652.D

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Instrument :

BNA_E

ClientSampleId :

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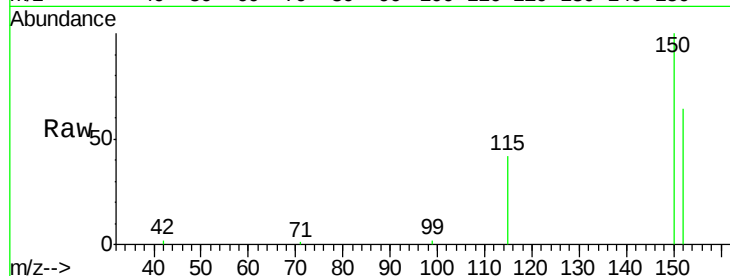
Tgt Ion:152 Resp: 16655

Ion Ratio Lower Upper

152 100

150 155.3 123.0 184.4

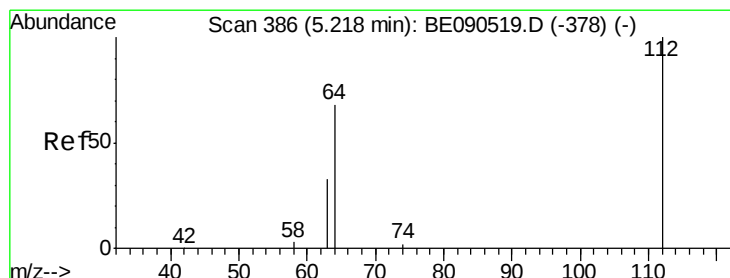
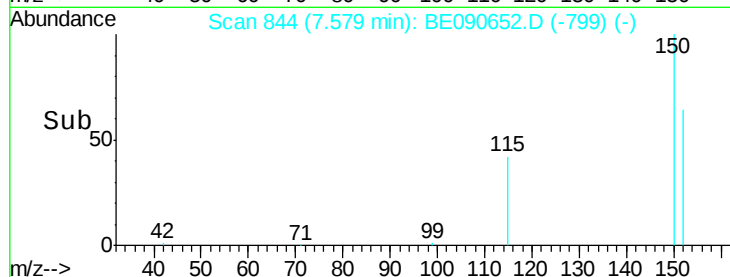
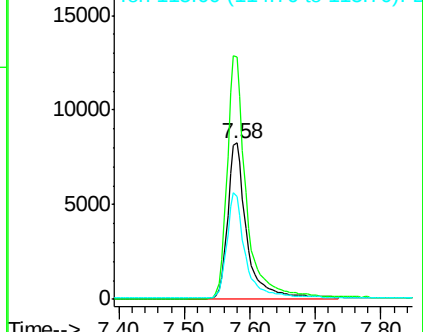
115 65.7 48.9 73.3



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: 2.33 ng

RT: 5.21 min Scan# 385

Delta R.T. -0.00 min

Lab File: BE090652.D

Acq: 27 Aug 2015 16:13

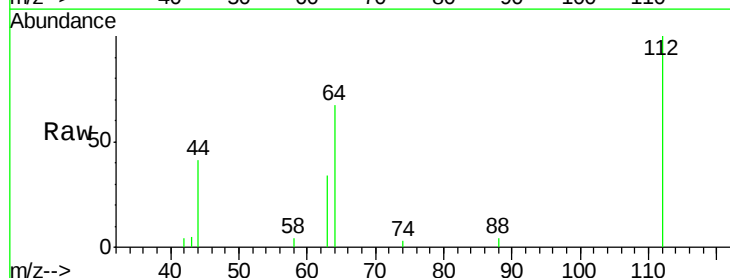
Tgt Ion:112 Resp: 11210

Ion Ratio Lower Upper

112 100

64 70.6 37.1 55.7#

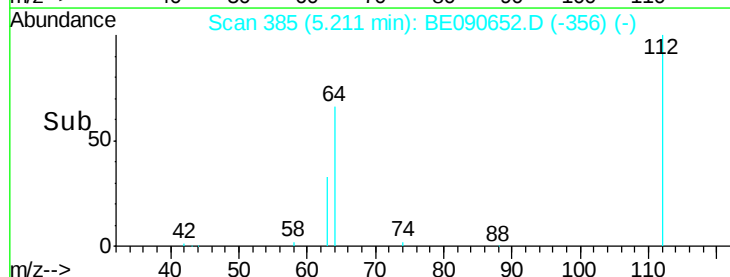
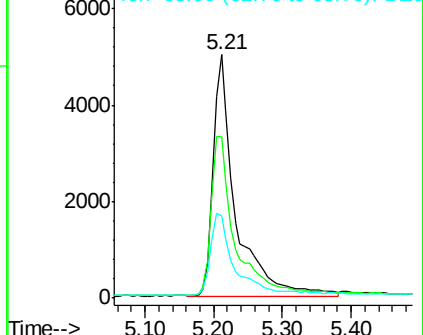
63 36.3 19.5 29.3#

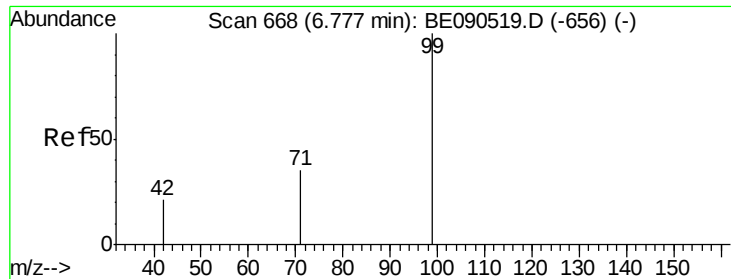


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 1.10 ng

RT: 6.78 min Scan# 668

Delta R.T. 0.00 min

Lab File: BE090652.D

Acq: 27 Aug 2015 16:13

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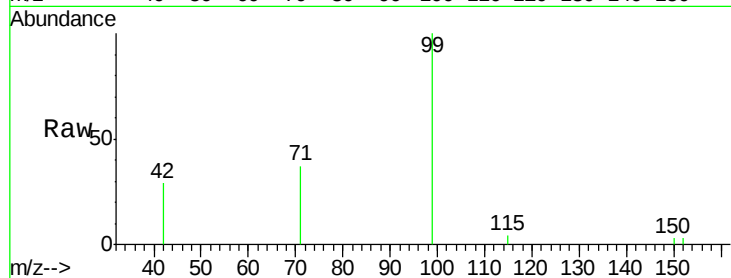
Tgt Ion: 99 Resp: 7817

Ion Ratio Lower Upper

99 100

42 20.9 18.2 27.4

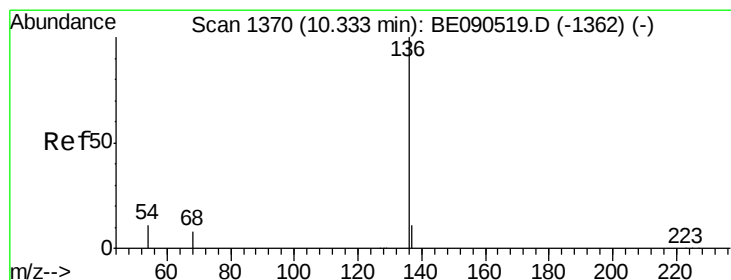
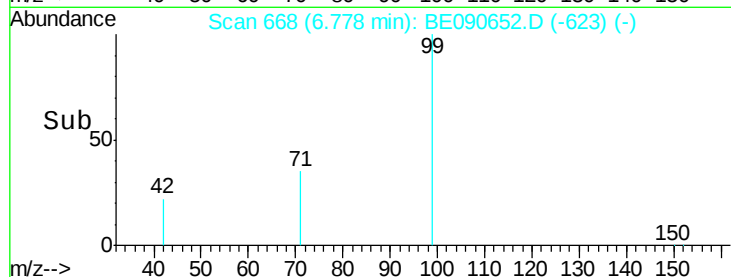
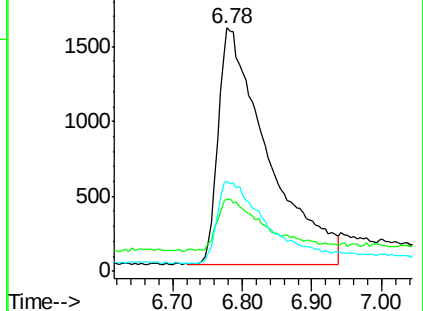
71 36.9 27.4 41.0



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: BE090652.D

Acq: 27 Aug 2015 16:13

Tgt Ion: 136 Resp: 72426

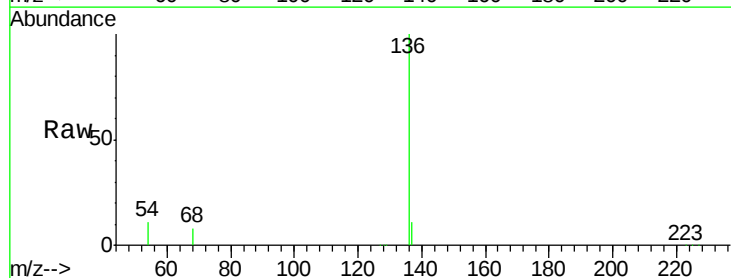
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 10.9 9.4 14.0

68 7.9 6.5 9.7

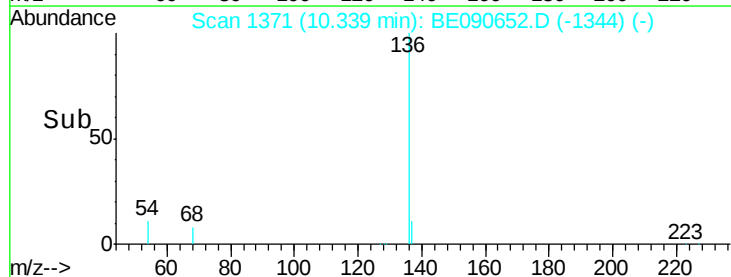
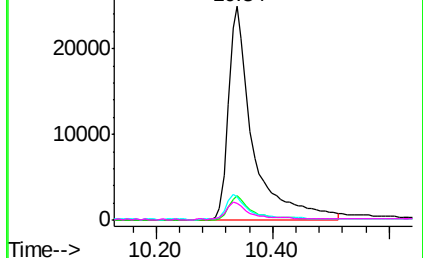


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.01 ng

RT: 8.74 min Scan# 1095

Delta R.T. 0.01 min

Lab File: BE090652.D

Acq: 27 Aug 2015 16:13

Instrument :

BNA_E

ClientSampleId :

082515-D534-E-D-M

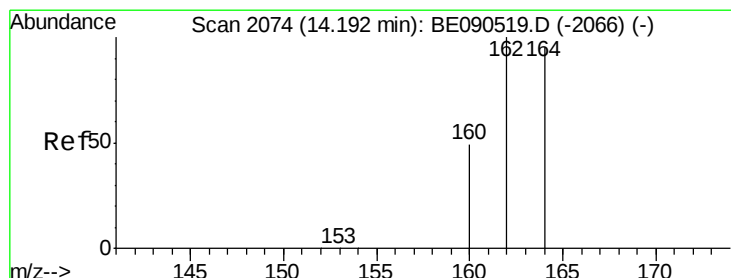
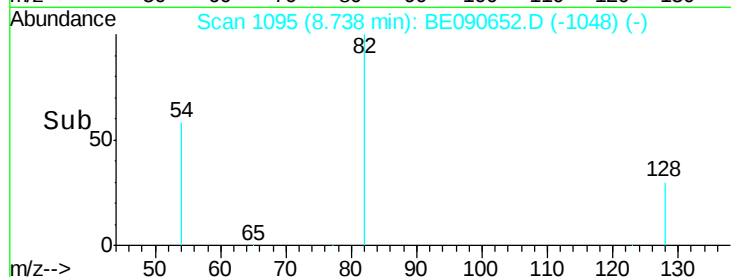
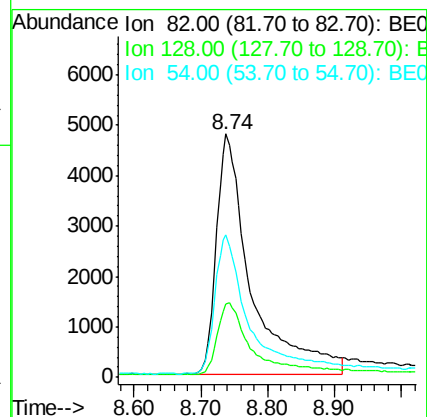
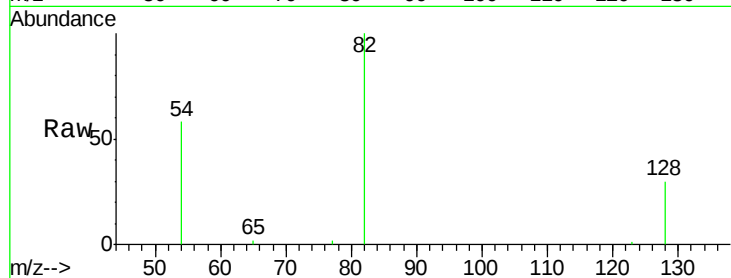
Tgt Ion: 82 Resp: 17345

Ion Ratio Lower Upper

82 100

128 30.4 25.0 37.6

54 58.5 48.8 73.2



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.20 min Scan# 2075

Delta R.T. 0.01 min

Lab File: BE090652.D

Acq: 27 Aug 2015 16:13

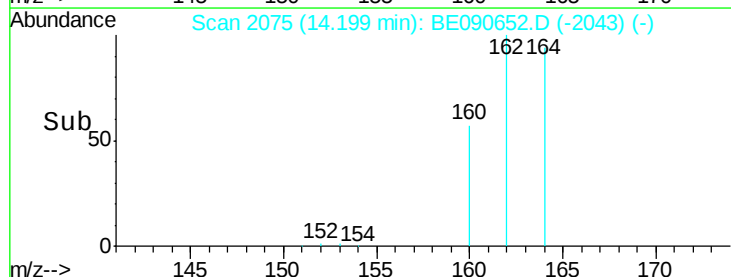
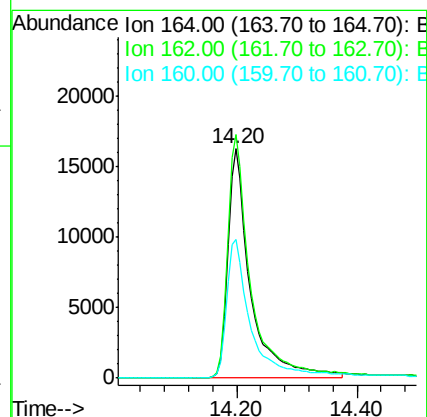
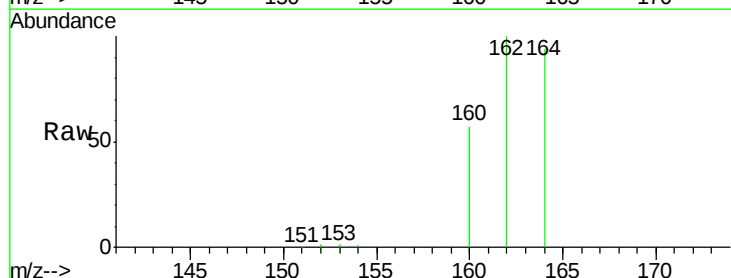
Tgt Ion: 164 Resp: 42550

Ion Ratio Lower Upper

164 100

162 106.4 81.8 122.8

160 60.7 44.2 66.4

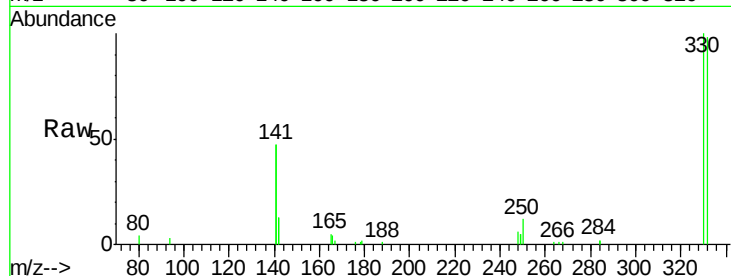




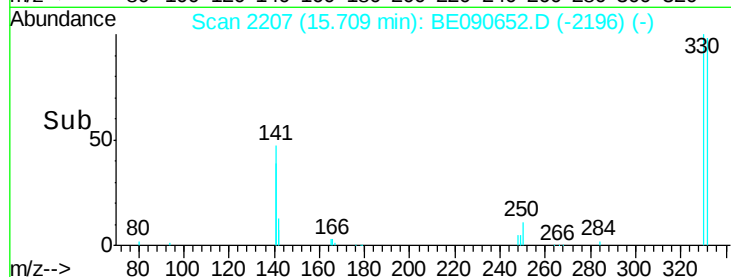
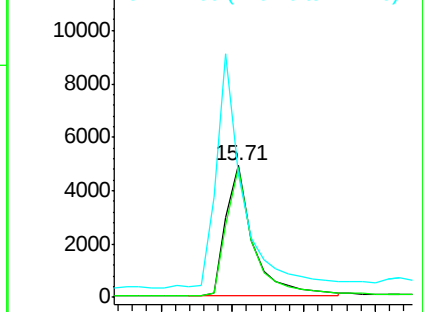
#13
 2,4,6-Tribromophenol
 Concen: 8.10 ng
 RT: 15.71 min Scan# 2207
 Delta R.T. -0.00 min
 Lab File: BE090652.D
 Acq: 27 Aug 2015 16:13

Instrument :
 BNA_E
 ClientSampleId :
 082515-D534-E-D-M

Tgt Ion:330 Resp: 13256
 Ion Ratio Lower Upper
 330 100
 332 96.4 75.8 113.6
 141 174.5 114.4 171.6#

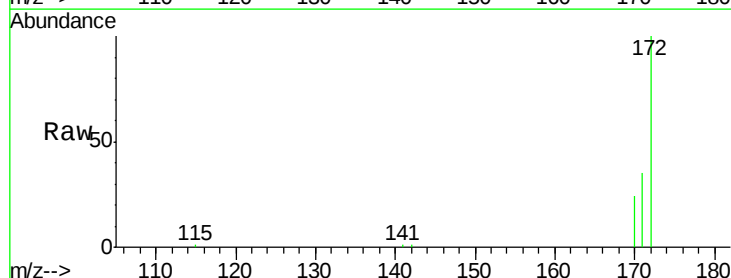


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

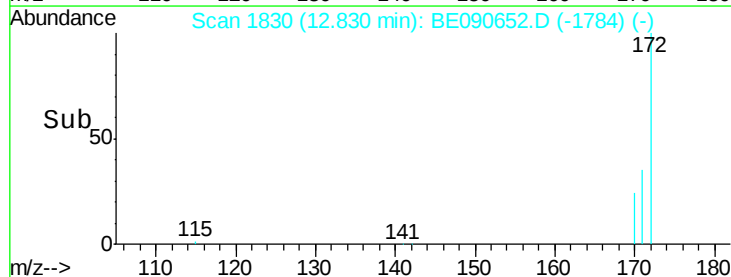
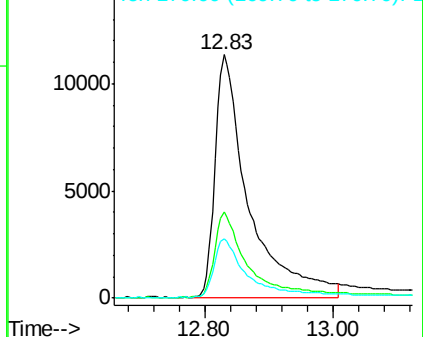


#14
 2-Fluorobiphenyl
 Concen: 3.24 ng
 RT: 12.83 min Scan# 1830
 Delta R.T. 0.01 min
 Lab File: BE090652.D
 Acq: 27 Aug 2015 16:13

Tgt Ion:172 Resp: 41186
 Ion Ratio Lower Upper
 172 100
 171 35.3 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: 16.94 min Scan# 2278

Delta R.T. -0.00 min

Lab File: BE090652.D

Acq: 27 Aug 2015 16:13

Instrument :

BNA_E

ClientSampleId :

082515-D534-E-D-M

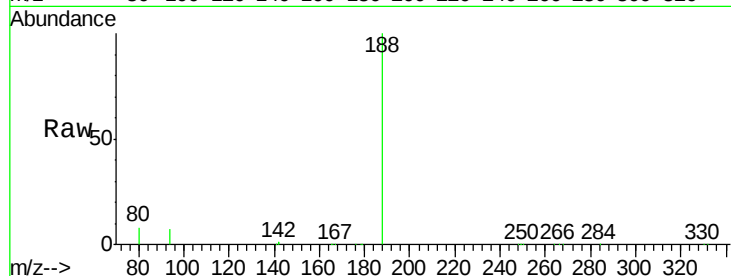
Tgt Ion:188 Resp: 117028

Ion Ratio Lower Upper

188 100

94 7.4 5.7 8.5

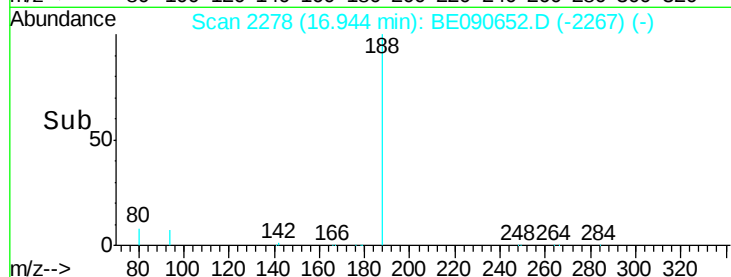
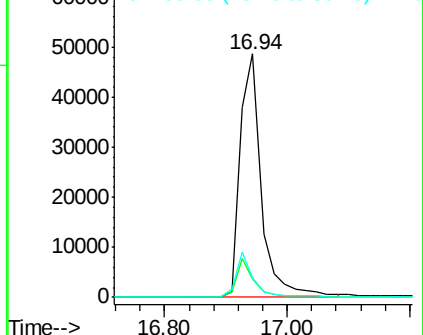
80 7.9 5.8 8.8



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# 2865

Delta R.T. -0.00 min

Lab File: BE090652.D

Acq: 27 Aug 2015 16:13

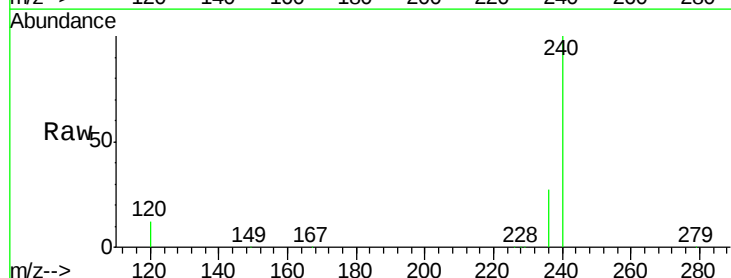
Tgt Ion:240 Resp: 130295

Ion Ratio Lower Upper

240 100

120 12.3 8.3 12.5

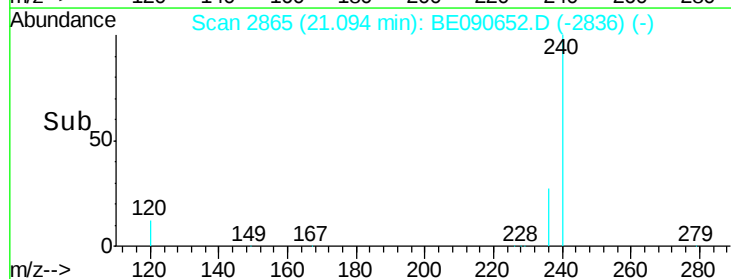
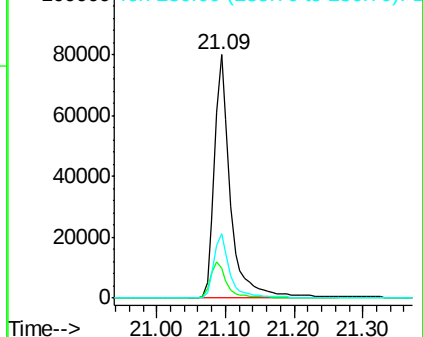
236 26.6 21.0 31.4



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

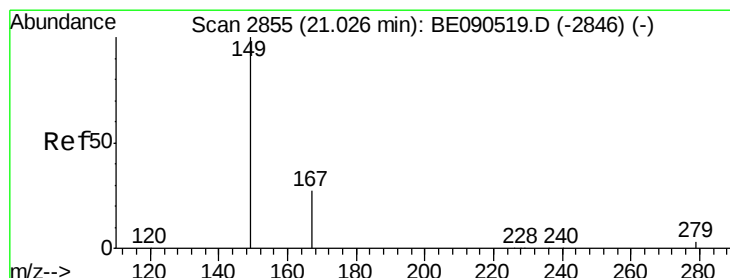
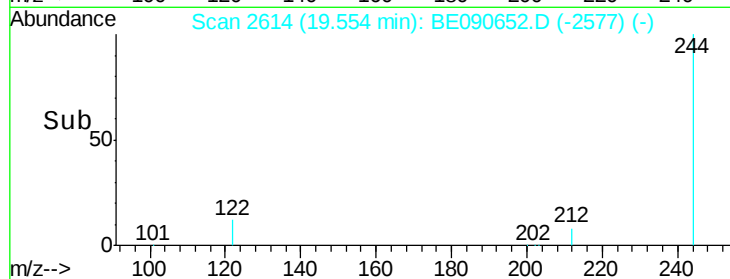
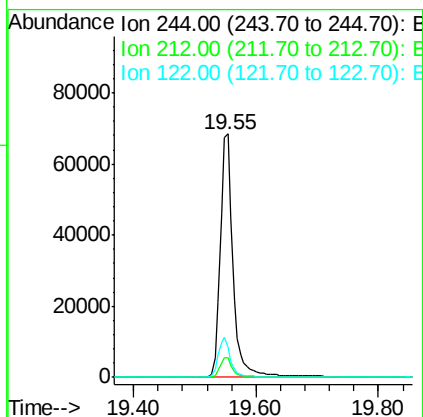
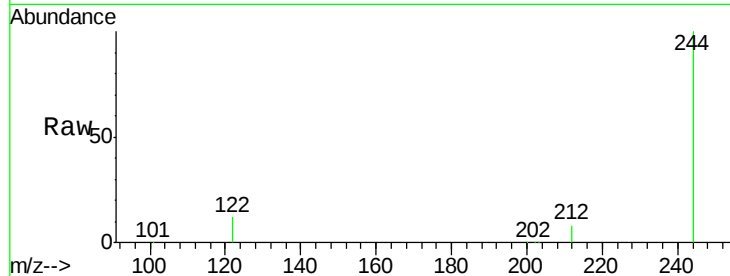




#27
 Terphenyl-d14
 Concen: 4.24 ng
 RT: 19.55 min Scan# 2614
 Delta R.T. -0.01 min
 Lab File: BE090652.D
 Acq: 27 Aug 2015 16:13

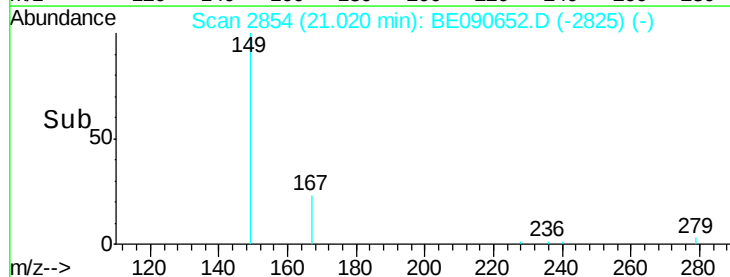
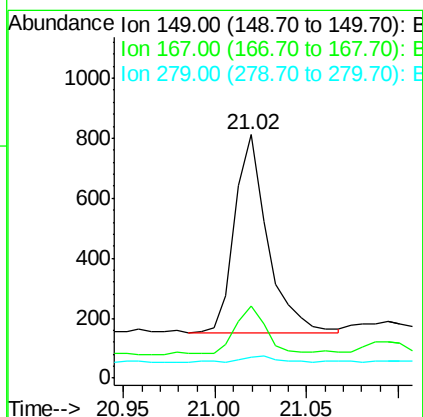
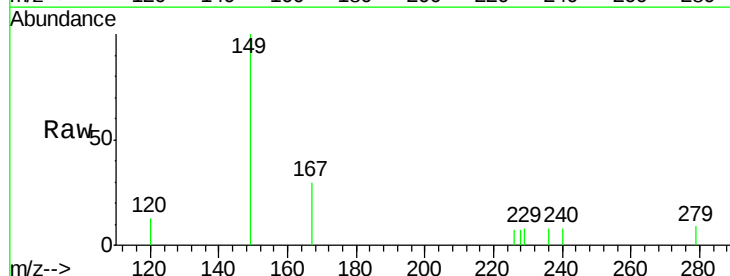
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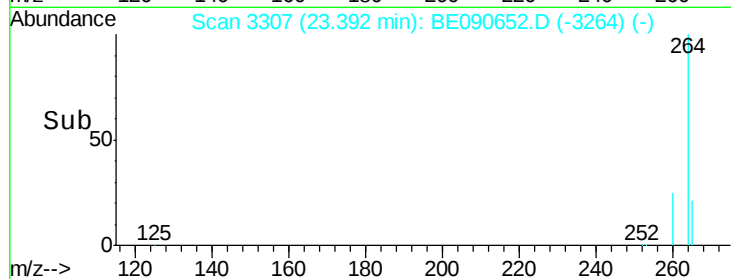
Tgt Ion:244 Resp: 100954
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.6 9.8
 122 12.3 10.2 15.4



#30
 Bis(2-ethylhexyl)phthalate
 Concen: 0.18 ng
 RT: 21.02 min Scan# 2854
 Delta R.T. -0.00 min
 Lab File: BE090652.D
 Acq: 27 Aug 2015 16:13

Tgt Ion:149 Resp: 827
 Ion Ratio Lower Upper
 149 100
 167 21.3 19.8 29.8
 279 3.1 2.4 3.6





#32

Perylene-d12

Concen: 5.00 ng

RT: 23.39 min Scan# 3307

Delta R.T. -0.00 min

Lab File: BE090652.D

Acq: 27 Aug 2015 16:13

Instrument :

BNA_E

ClientSampleId :

082515-D534-E-D-M

Tgt Ion: 264 Resp: 108527

Ion Ratio Lower Upper

264 100

260 24.9 20.1 30.1

265 21.7 17.2 25.8

