

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE082715\
 Data File : BE090648.D
 Acq On : 27 Aug 2015 13:41
 Operator : UM/IZ
 Sample : G3415-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 082515-D534-E-U-B

Quant Time: Aug 27 23:03:18 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

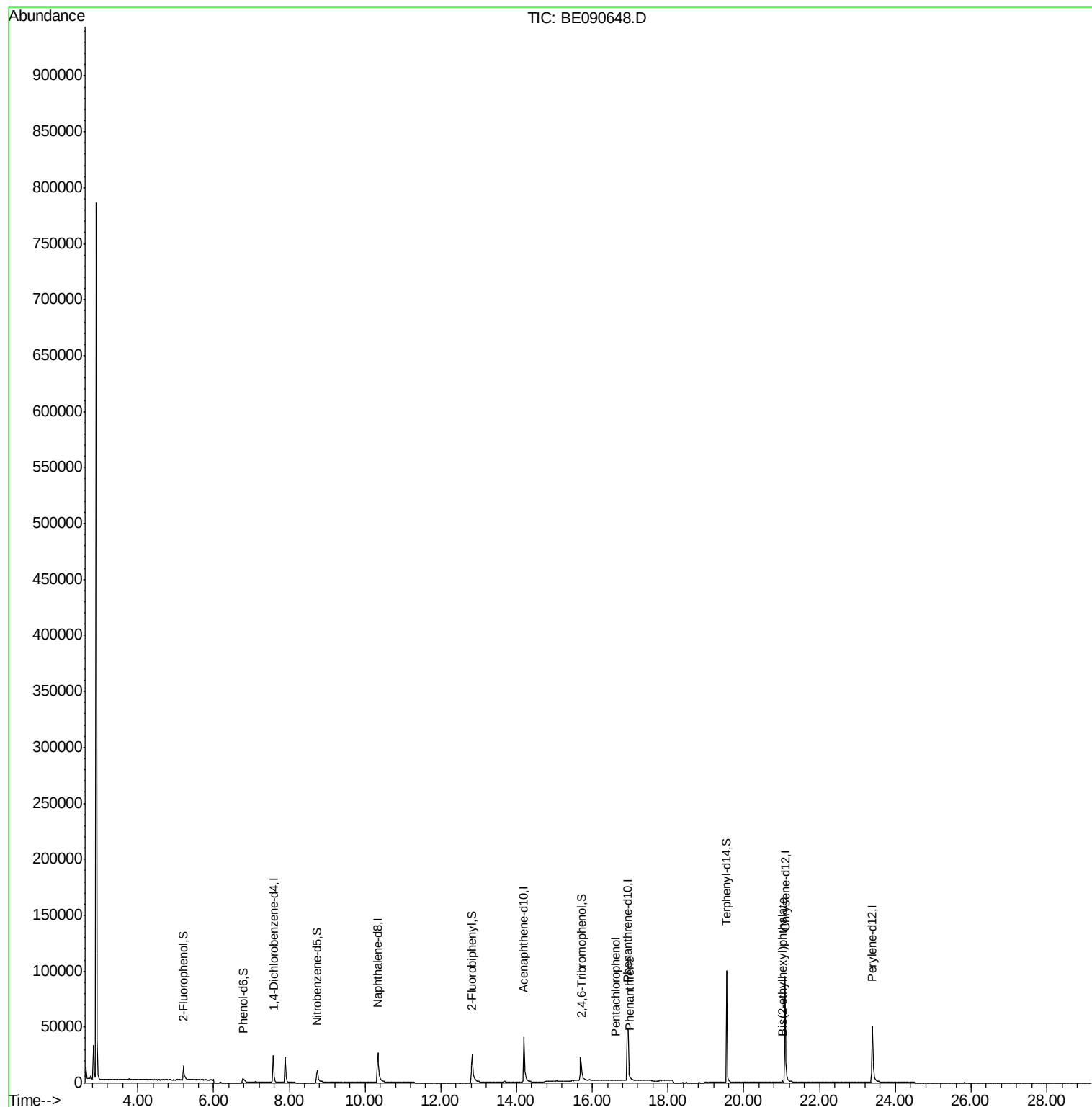
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	14551	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	62886	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	36165	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	98564	5.00	ng	0.00
25) Chrysene-d12	21.09	240	111723	5.00	ng	0.00
32) Perylene-d12	23.39	264	91351	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.20	112	13482	3.20	ng	0.00
5) Phenol-d6	6.77	99	11589	1.87	ng	0.00
7) Nitrobenzene-d5	8.73	82	21866	4.36	ng	0.00
13) 2,4,6-Tribromophenol	15.71	330	14067	10.11	ng	0.00
14) 2-Fluorobiphenyl	12.82	172	49799	4.61	ng	0.00
27) Terphenyl-d14	19.55	244	114228	5.59	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.35	88	34	Below Cal	#	50
21) Pentachlorophenol	16.63	266	27	0.31 ng	#	70
22) Phenanthrene	16.98	178	565	0.02 ng	#	74
30) Bis(2-ethylhexyl)phthalate	21.02	149	1748	0.24 ng		100

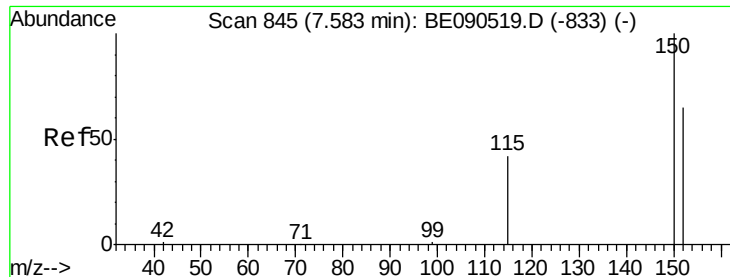
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

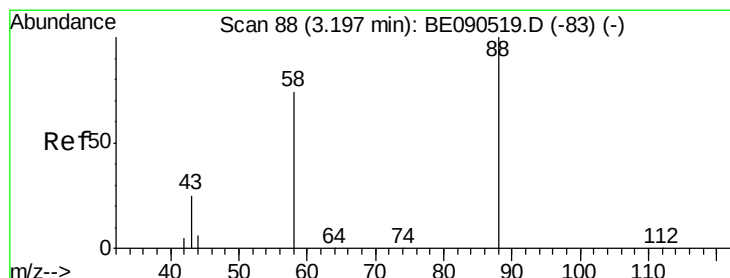
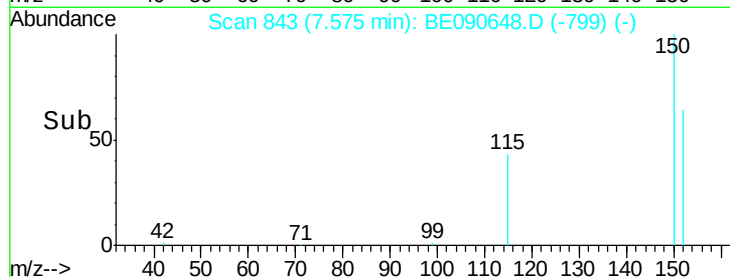
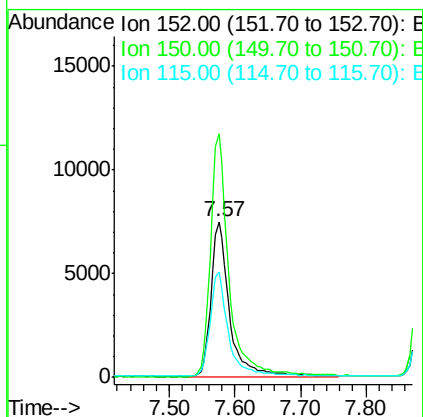
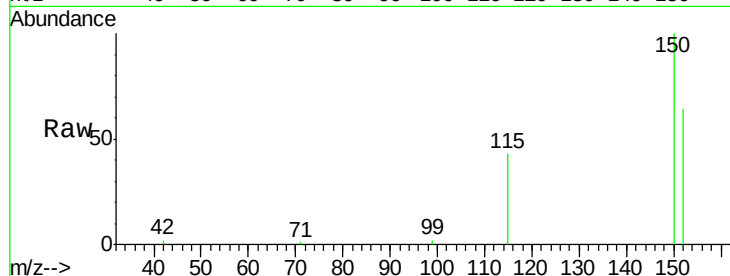




#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.57 min Scan# 843
 Delta R.T. 0.00 min
 Lab File: BE090648.D
 Acq: 27 Aug 2015 13:41

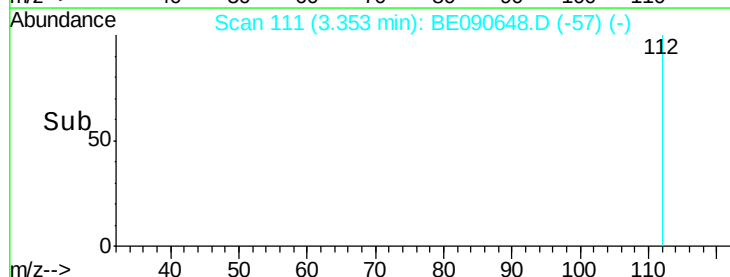
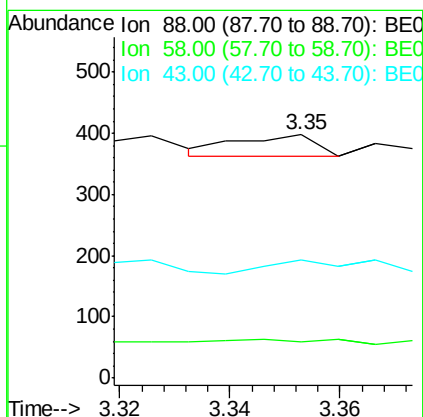
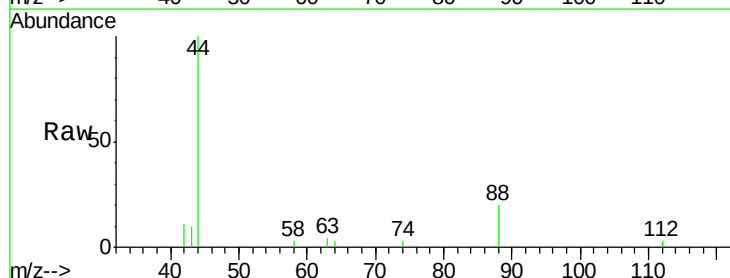
Instrument :
 BNA_E
 ClientSampleId :
 082515-D534-E-U-B

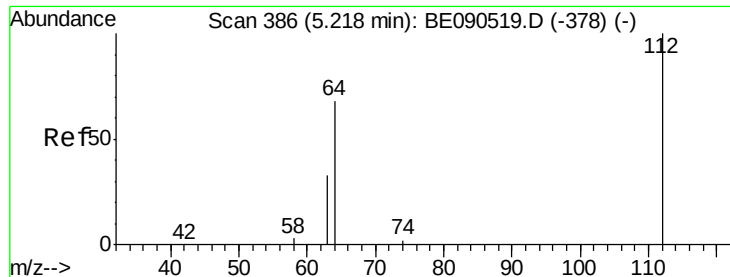
Tgt Ion: 152 Resp: 14551
 Ion Ratio Lower Upper
 152 100
 150 156.5 123.0 184.4
 115 68.0 48.9 73.3



#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.35 min Scan# 111
 Delta R.T. 0.17 min
 Lab File: BE090648.D
 Acq: 27 Aug 2015 13:41

Tgt Ion: 88 Resp: 34
 Ion Ratio Lower Upper
 88 100
 58 35.3 70.0 105.0#
 43 55.9 28.4 42.6#





#4

2-Fluorophenol

Concen: 3.20 ng

RT: 5.20 min Scan# 384

Delta R.T. -0.01 min

Lab File: BE090648.D

Acq: 27 Aug 2015 13:41

Instrument :

BNA_E

ClientSampleId :

082515-D534-E-U-B

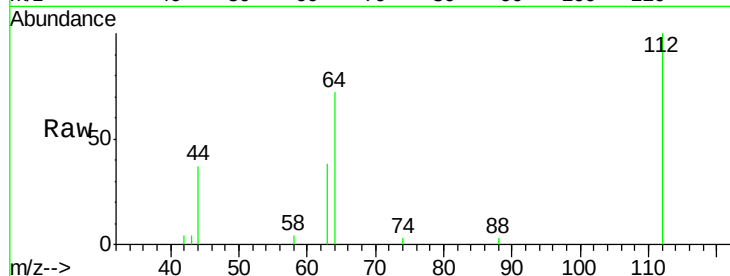
Tgt Ion: 112 Resp: 13482

Ion Ratio Lower Upper

112 100

64 71.7 37.1 55.7#

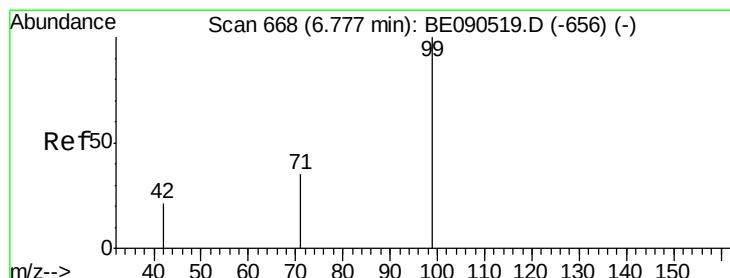
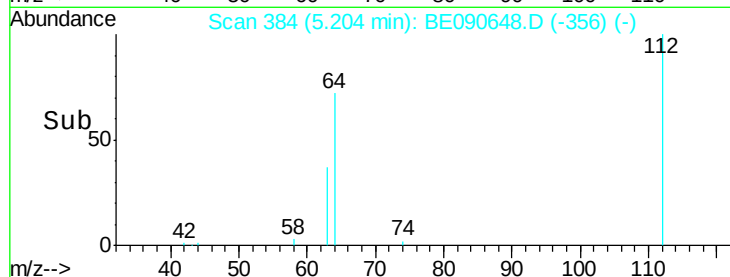
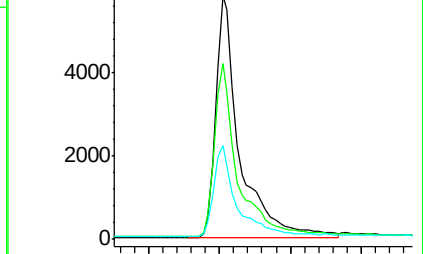
63 36.6 19.5 29.3#



Abundance Ion 112.00 (111.70 to 112.70): BE090519.D (-378) (-)

Ion 64.00 (63.70 to 64.70): BE090519.D (-378) (-)

Ion 63.00 (62.70 to 63.70): BE090519.D (-378) (-)



#5

Phenol-d6

Concen: 1.87 ng

RT: 6.77 min Scan# 667

Delta R.T. 0.00 min

Lab File: BE090648.D

Acq: 27 Aug 2015 13:41

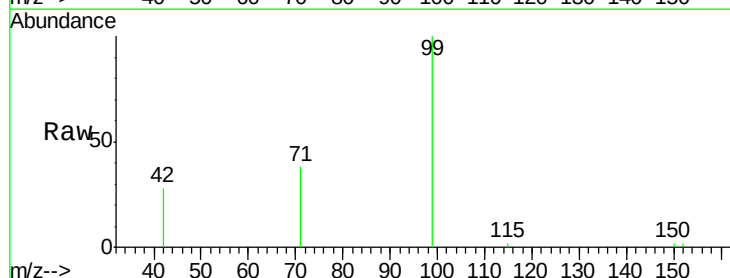
Tgt Ion: 99 Resp: 11589

Ion Ratio Lower Upper

99 100

42 20.6 18.2 27.4

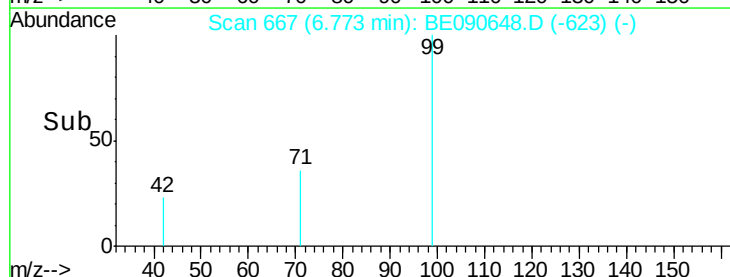
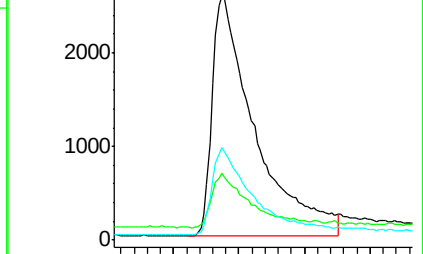
71 36.0 27.4 41.0

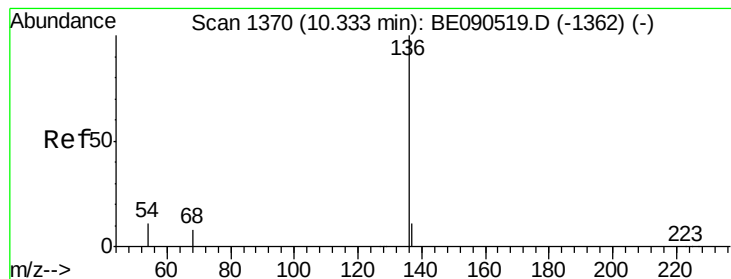


Abundance Ion 99.00 (98.70 to 99.70): BE090519.D (-656) (-)

Ion 42.00 (41.70 to 42.70): BE090519.D (-656) (-)

Ion 71.00 (70.70 to 71.70): BE090519.D (-656) (-)





#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.34 min Scan# 1371

Delta R.T. 0.01 min

Lab File: BE090648.D

Acq: 27 Aug 2015 13:41

Instrument :

BNA_E

ClientSampleId :

082515-D534-E-U-B

Tgt Ion: 136 Resp: 62886

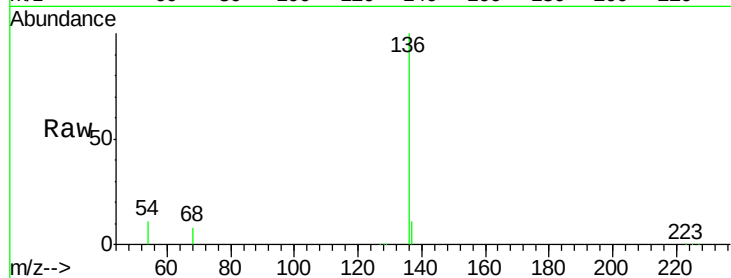
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 10.9 9.4 14.0

68 8.2 6.5 9.7

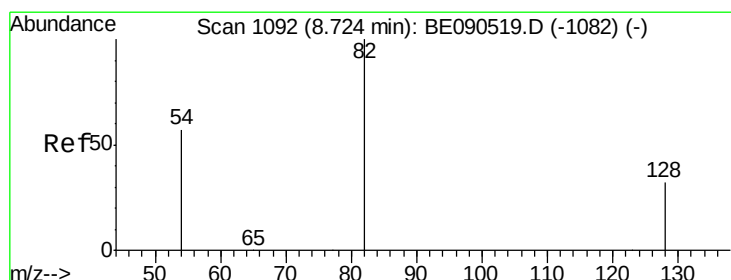
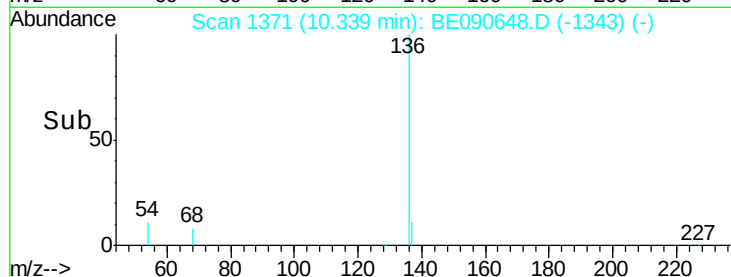
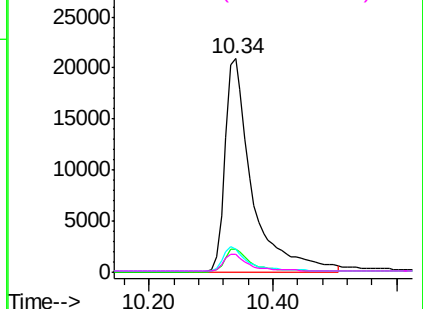


Abundance Ion 136.00 (135.70 to 136.70): E

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: 4.36 ng

RT: 8.73 min Scan# 1094

Delta R.T. 0.01 min

Lab File: BE090648.D

Acq: 27 Aug 2015 13:41

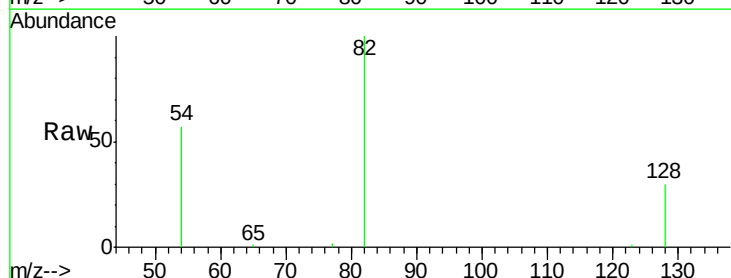
Tgt Ion: 82 Resp: 21866

Ion Ratio Lower Upper

82 100

128 30.1 25.0 37.6

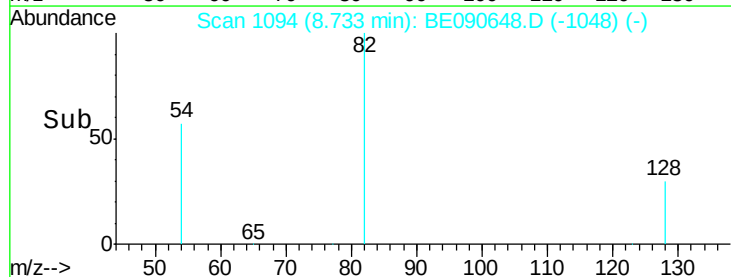
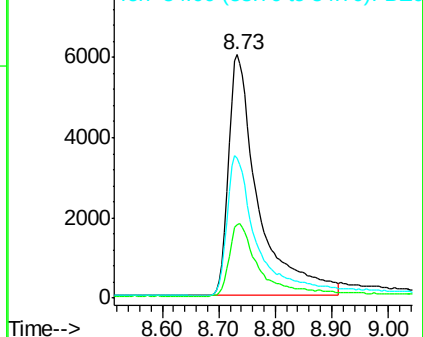
54 57.3 48.8 73.2

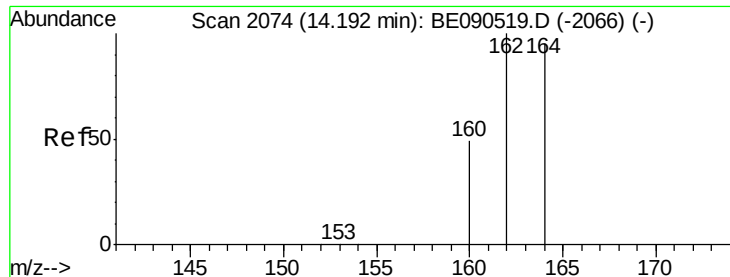


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.19 min Scan# 2074

Delta R.T. -0.00 min

Lab File: BE090648.D

Acq: 27 Aug 2015 13:41

Instrument :

BNA_E

ClientSampleId :

082515-D534-E-U-B

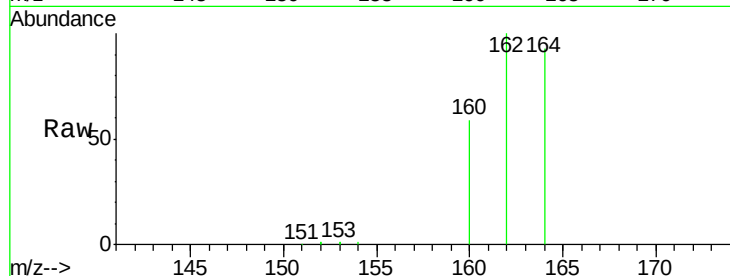
Tgt Ion:164 Resp: 36165

Ion Ratio Lower Upper

164 100

162 107.0 81.8 122.8

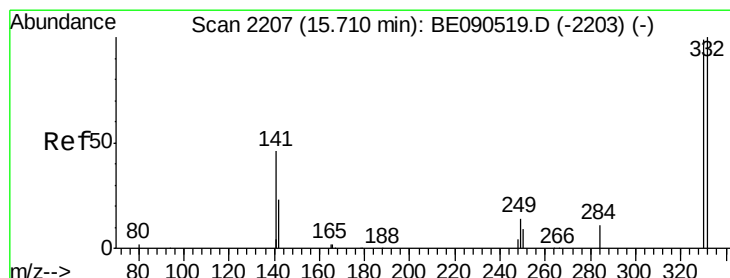
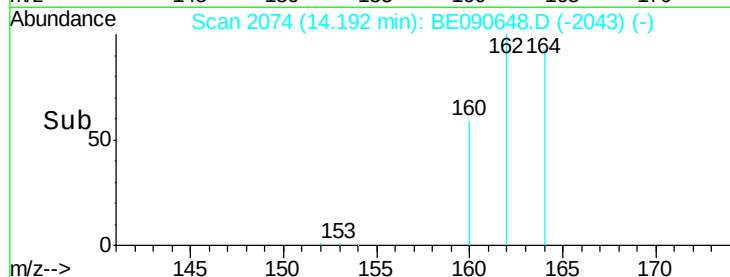
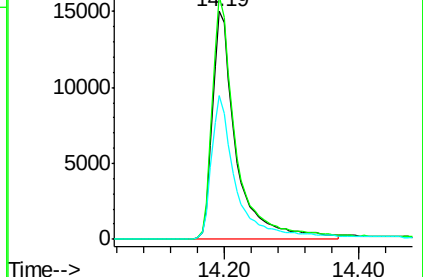
160 63.2 44.2 66.4



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



#13

2,4,6-Tribromophenol

Concen: 10.11 ng

RT: 15.71 min Scan# 2206

Delta R.T. -0.00 min

Lab File: BE090648.D

Acq: 27 Aug 2015 13:41

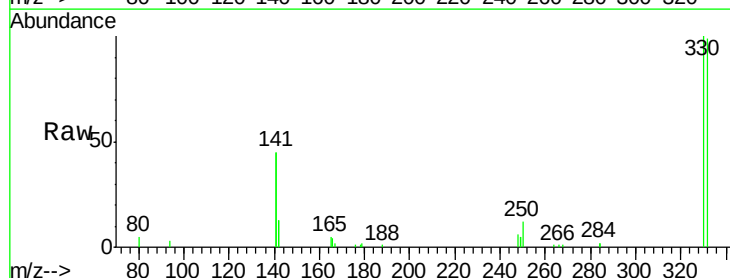
Tgt Ion:330 Resp: 14067

Ion Ratio Lower Upper

330 100

332 96.1 75.8 113.6

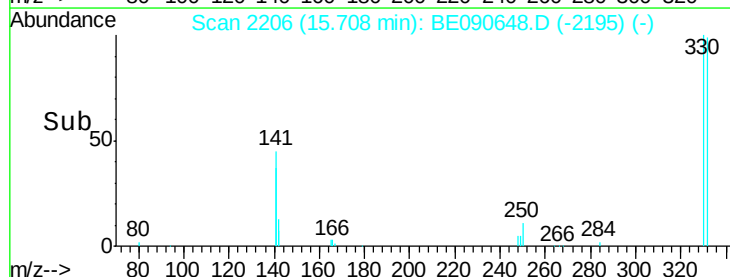
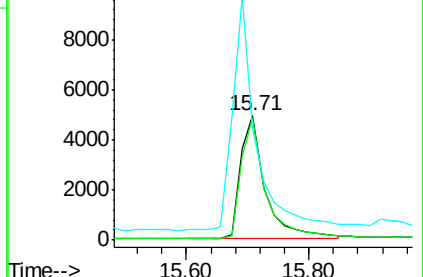
141 178.0 114.4 171.6#

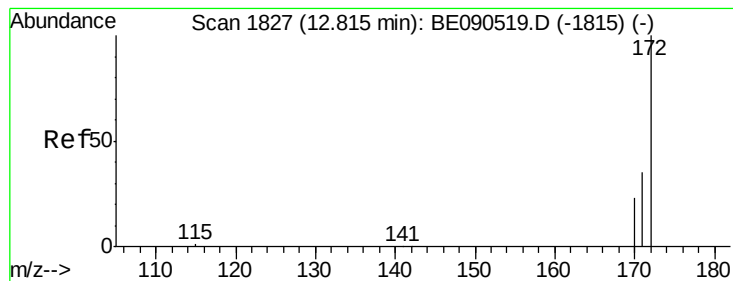


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#14

2-Fluorobiphenyl

Concen: 4.61 ng

RT: 12.82 min Scan# 1829

Delta R.T. 0.01 min

Lab File: BE090648.D

Acq: 27 Aug 2015 13:41

Instrument :

BNA_E

ClientSampleId :

082515-D534-E-U-B

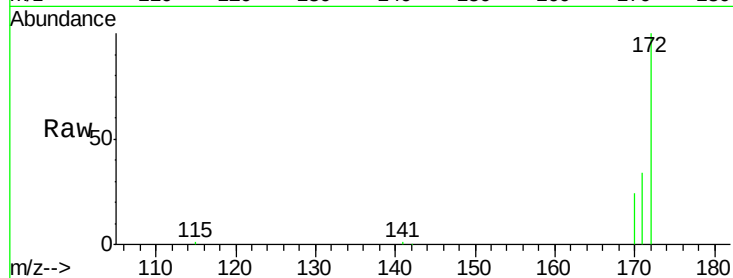
Tgt Ion:172 Resp: 49799

Ion Ratio Lower Upper

172 100

171 34.4 28.5 42.7

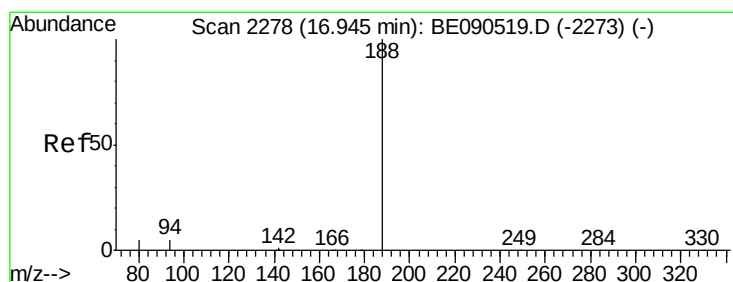
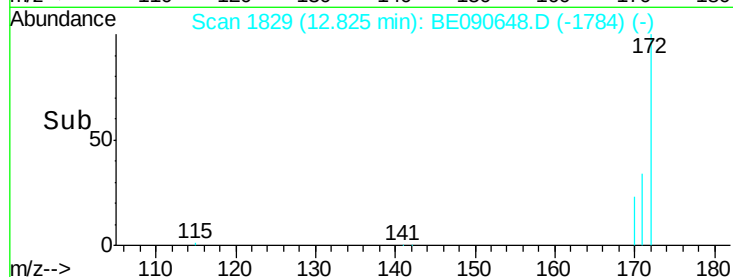
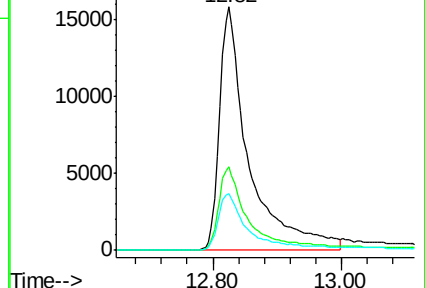
170 23.5 19.8 29.8



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# 2277

Delta R.T. -0.00 min

Lab File: BE090648.D

Acq: 27 Aug 2015 13:41

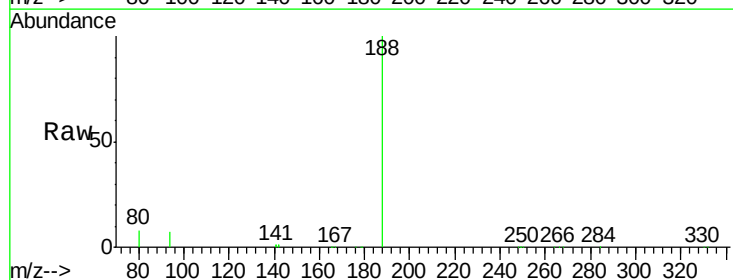
Tgt Ion:188 Resp: 98564

Ion Ratio Lower Upper

188 100

94 7.3 5.7 8.5

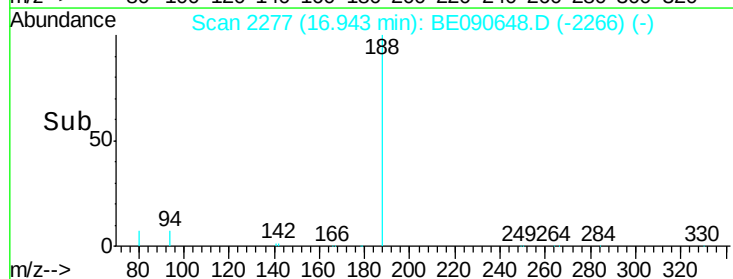
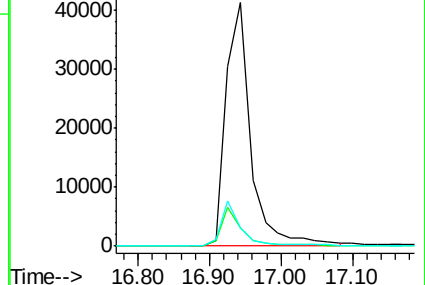
80 7.6 5.8 8.8

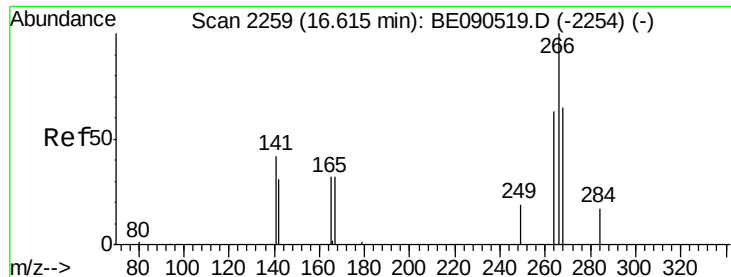


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

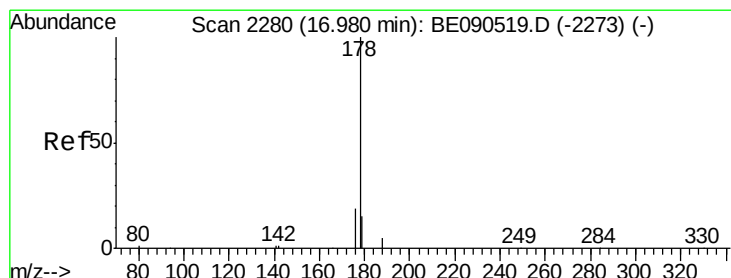
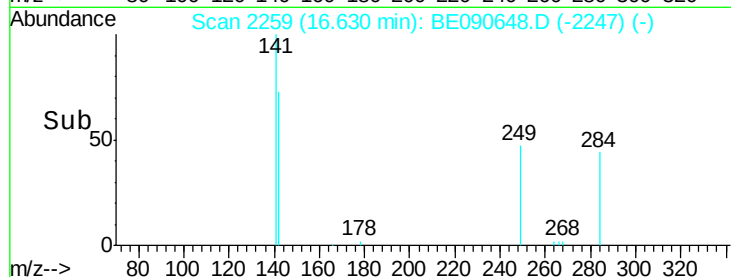
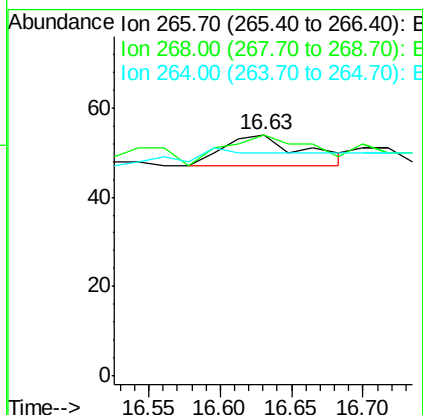
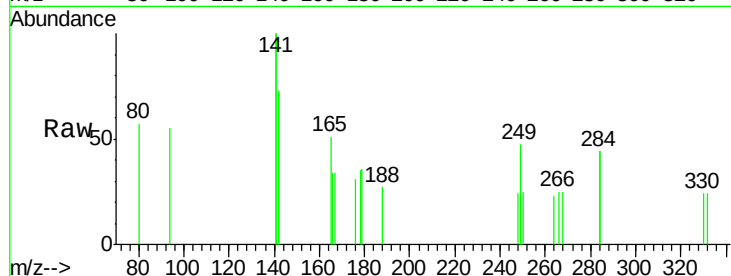




#21
 Pentachlorophenol
 Concen: 0.31 ng
 RT: 16.63 min Scan# 2259
 Delta R.T. 0.02 min
 Lab File: BE090648.D
 Acq: 27 Aug 2015 13:41

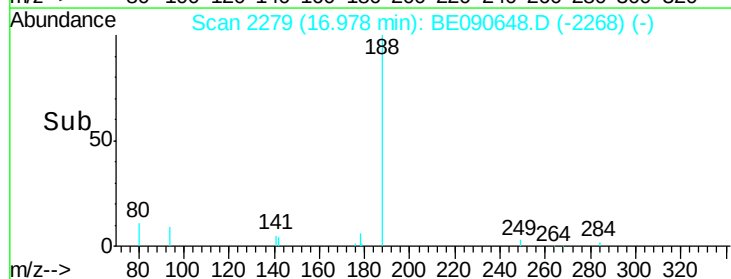
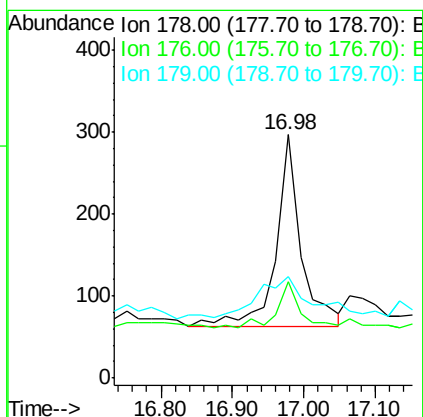
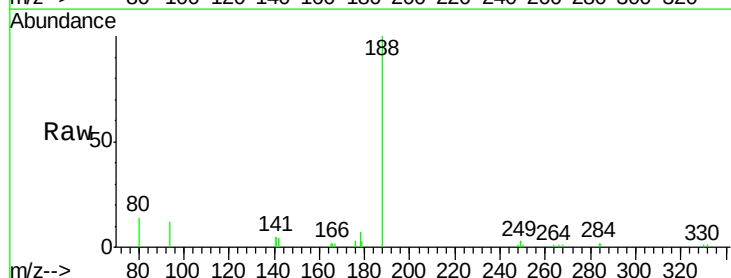
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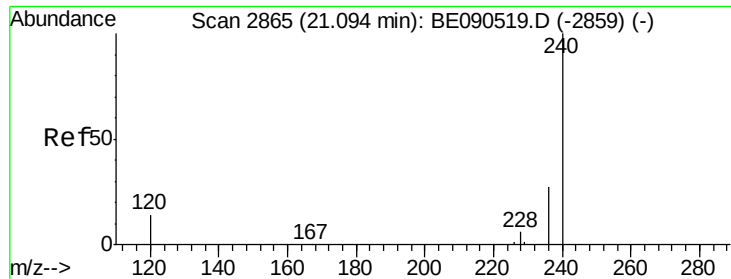
Tgt Ion: 266 Resp: 27
 Ion Ratio Lower Upper
 266 100
 268 100.0 58.5 87.7#
 264 92.6 56.0 84.0#



#22
 Phenanthrene
 Concen: 0.02 ng
 RT: 16.98 min Scan# 2279
 Delta R.T. -0.00 min
 Lab File: BE090648.D
 Acq: 27 Aug 2015 13:41

Tgt Ion: 178 Resp: 565
 Ion Ratio Lower Upper
 178 100
 176 21.2 15.4 23.2
 179 37.9 12.5 18.7#





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.09 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BE090648.D

Acq: 27 Aug 2015 13:41

Instrument :

BNA_E

ClientSampleId :

082515-D534-E-U-B

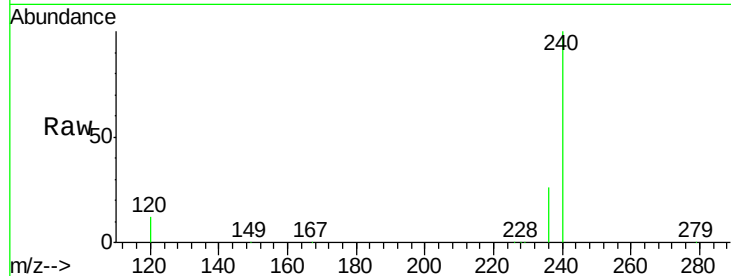
Tgt Ion:240 Resp: 111723

Ion Ratio Lower Upper

240 100

120 12.2 8.3 12.5

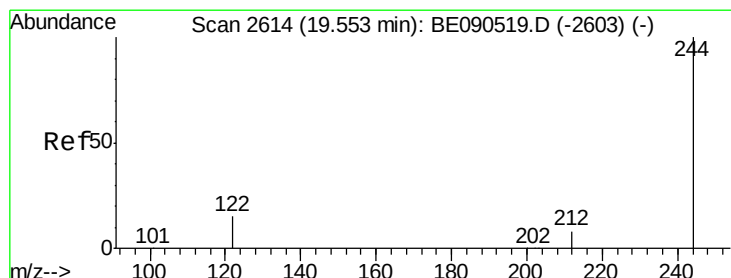
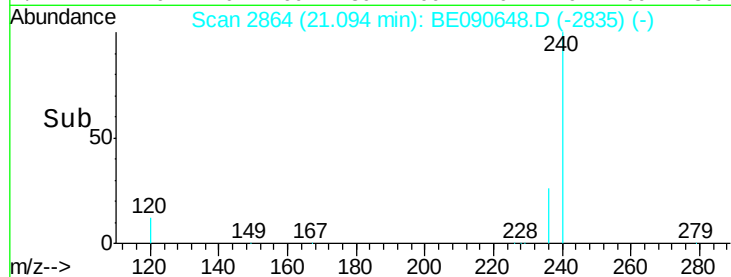
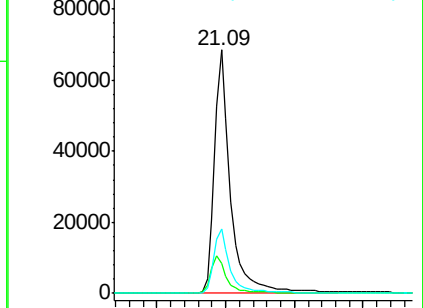
236 26.3 21.0 31.4



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: 5.59 ng

RT: 19.55 min Scan# 2612

Delta R.T. -0.01 min

Lab File: BE090648.D

Acq: 27 Aug 2015 13:41

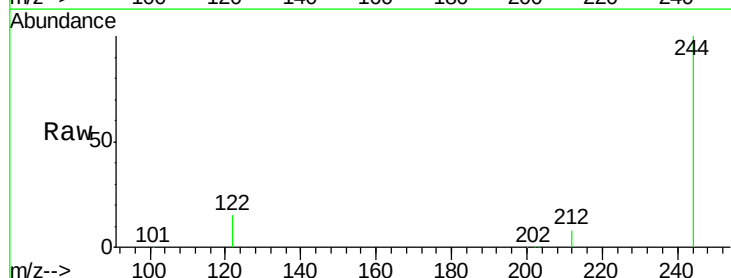
Tgt Ion:244 Resp: 114228

Ion Ratio Lower Upper

244 100

212 8.1 6.6 9.8

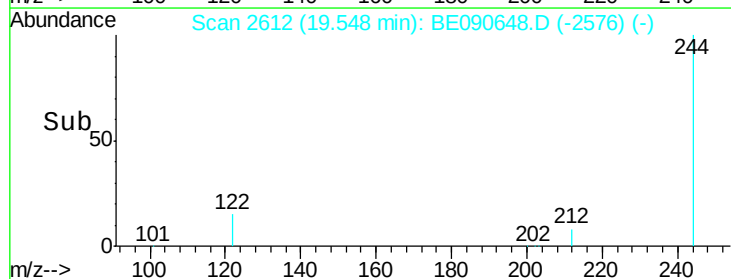
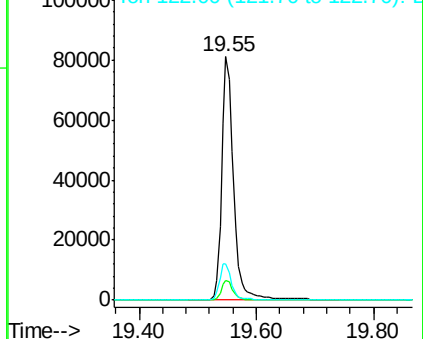
122 15.1 10.2 15.4

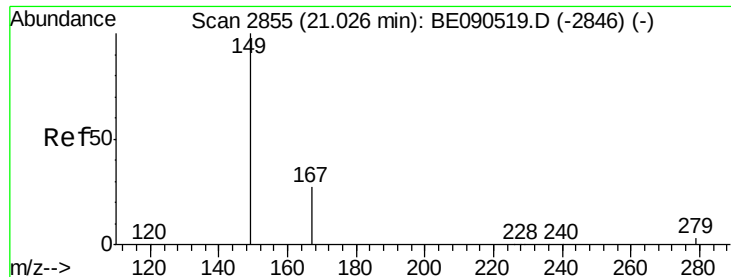


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#30

Bis(2-ethylhexyl)phthalate

Concen: 0.24 ng

RT: 21.02 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BE090648.D

Acq: 27 Aug 2015 13:41

Instrument :

BNA_E

ClientSampleId :

082515-D534-E-U-B

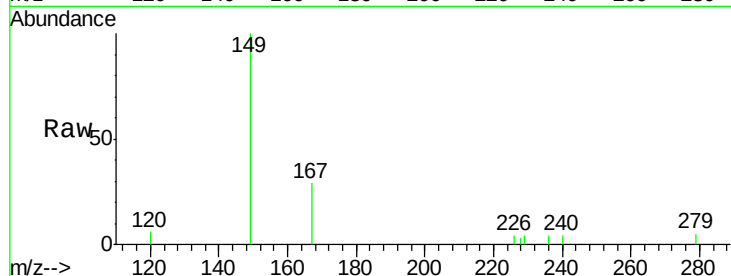
Tgt Ion:149 Resp: 1748

Ion Ratio Lower Upper

149 100

167 24.8 19.8 29.8

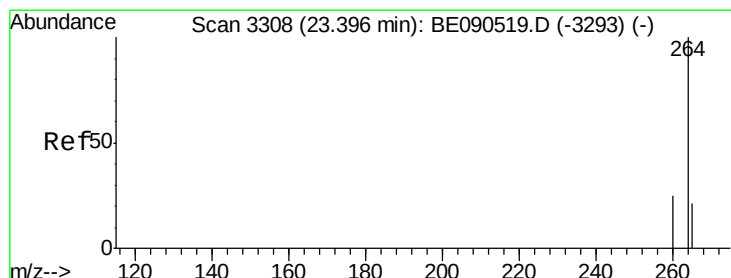
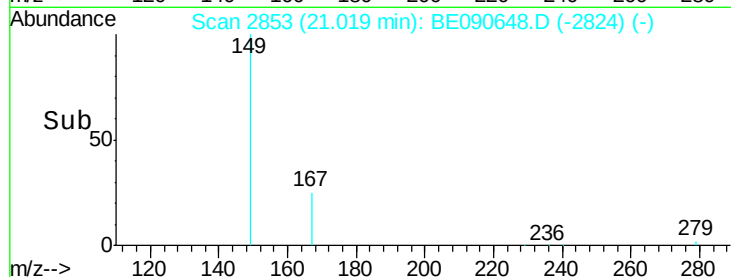
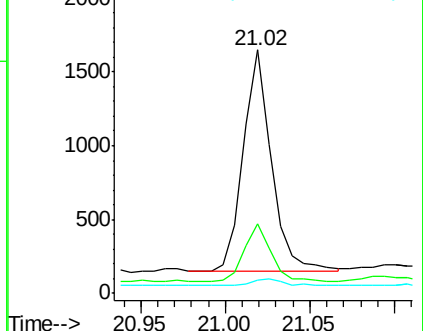
279 3.0 2.4 3.6



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: 23.39 min Scan# 3306

Delta R.T. -0.00 min

Lab File: BE090648.D

Acq: 27 Aug 2015 13:41

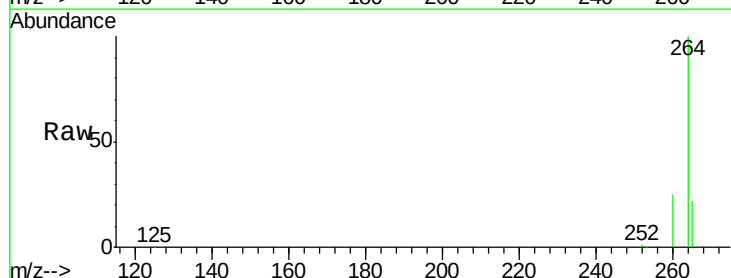
Tgt Ion:264 Resp: 91351

Ion Ratio Lower Upper

264 100

260 25.2 20.1 30.1

265 21.7 17.2 25.8



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

