

Data Path : Z:\HPCHEM1\BNA E\DATA\BE082515\
 Data File : BE090618.D
 Acq On : 25 Aug 2015 17:55
 Operator : UM/IZ
 Sample : G3401-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 26 03:27:22 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

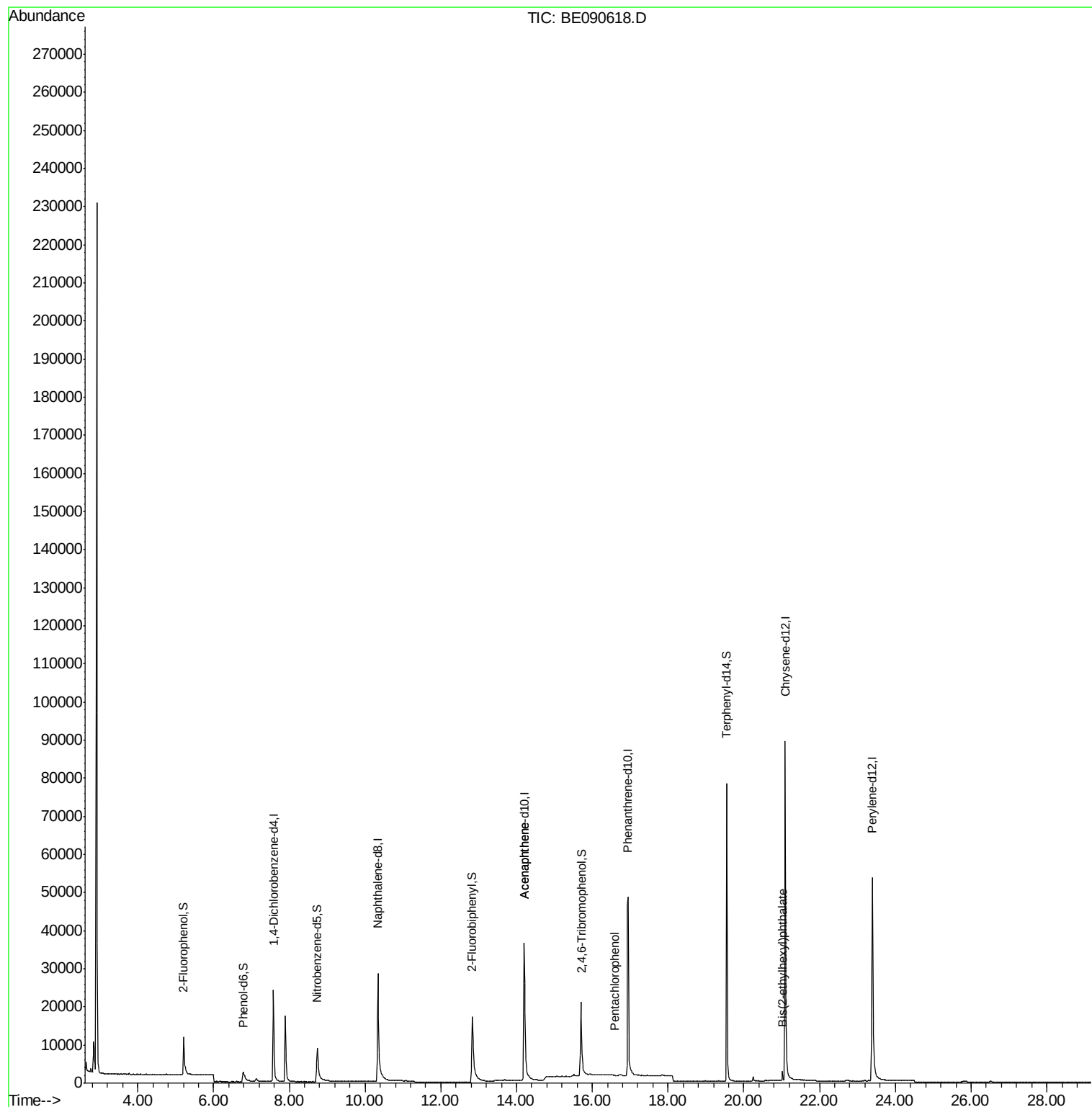
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	14416	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	60804	5.00	ng	0.00
12) Acenaphthene-d10	14.20	164	35196	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	92898	5.00	ng	0.00
25) Chrysene-d12	21.09	240	105635	5.00	ng	0.00
32) Perylene-d12	23.39	264	92614	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	10646	2.55	ng	0.00
5) Phenol-d6	6.78	99	7631	1.25	ng	0.00
7) Nitrobenzene-d5	8.74	82	16983	3.51	ng	0.01
13) 2,4,6-Tribromophenol	15.71	330	12531	9.25	ng	0.00
14) 2-Fluorobiphenyl	12.83	172	38635	3.68	ng	0.01
27) Terphenyl-d14	19.55	244	84480	4.37	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.36	88	21	Below Cal	#	15
16) Acenaphthene	14.20	154	195	0.02 ng	#	1
21) Pentachlorophenol	16.60	266	19	0.31 ng	#	69
30) Bis(2-ethylhexyl)phthalate	21.02	149	2410	0.28 ng		98

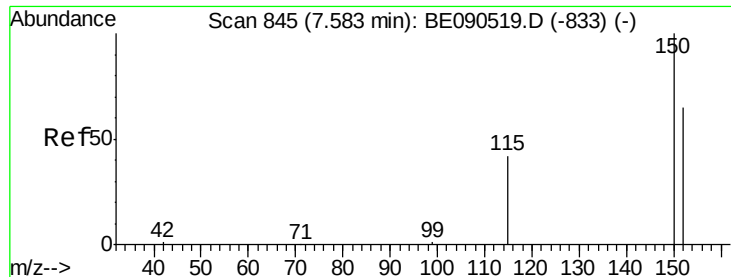
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.58 min Scan# 844

Delta R.T. -0.00 min

Lab File: BE090618.D

Acq: 25 Aug 2015 17:55

Instrument :

BNA_E

ClientSampleId :

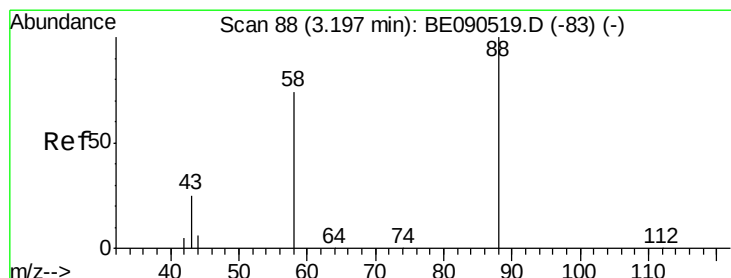
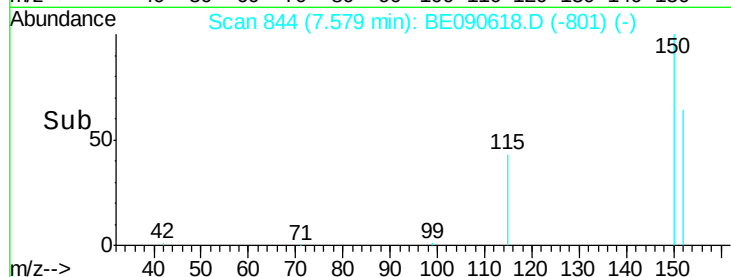
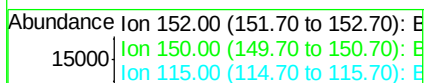
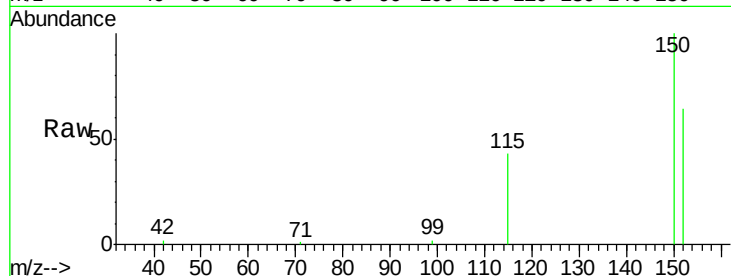
Tot Ion:152 Resp: 14416

Ion Ratio Lower Upper

152 100

150 156.4 123.0 184.4

115 67.3 48.9 73.3



#2

1,4-Dioxane

Concen: Below Cal

RT: 3.36 min Scan# 112

Delta R.T. 0.16 min

Lab File: BE090618.D

Acq: 25 Aug 2015 17:55

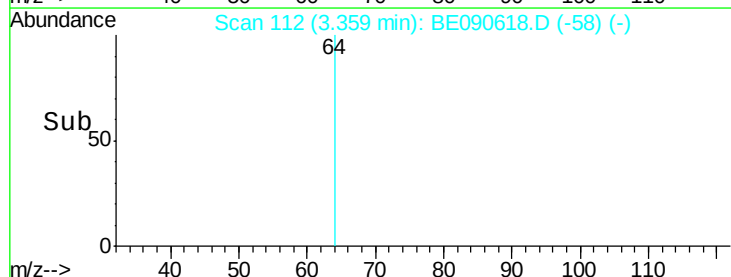
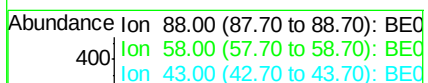
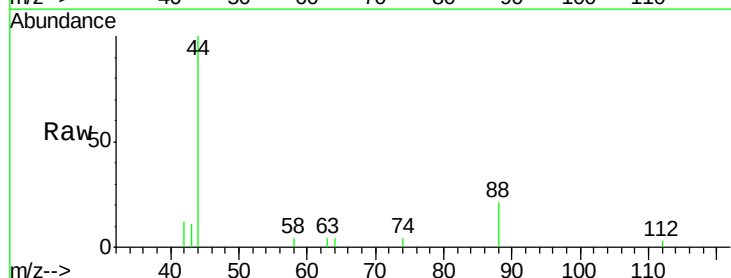
Tgt Ion: 88 Resp: 21

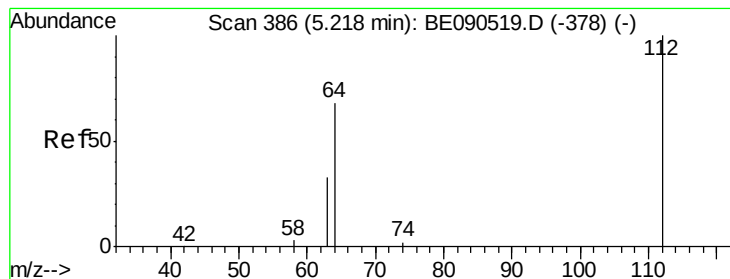
Ion Ratio Lower Upper

88 100

58 0.0 70.0 105.0#

43 0.0 28.4 42.6#





#4

2-Fluorophenol

Concen: 2.55 ng

RT: 5.21 min Scan# 385

Delta R.T. -0.01 min

Lab File: BE090618.D

Acq: 25 Aug 2015 17:55

Instrument :

BNA_E

ClientSampleId :

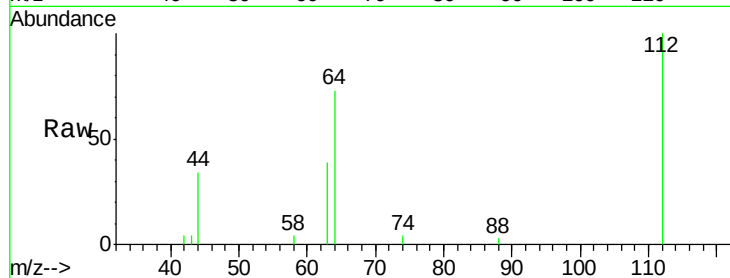
Tot Ion:112 Resp: 10646

Ion Ratio Lower Upper

112 100

64 69.9 37.1 55.7#

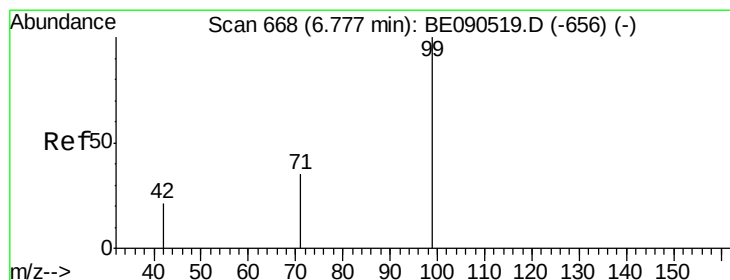
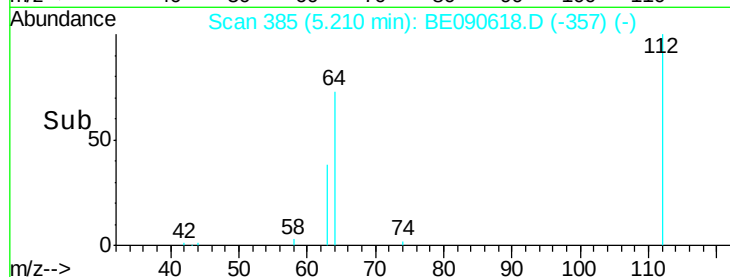
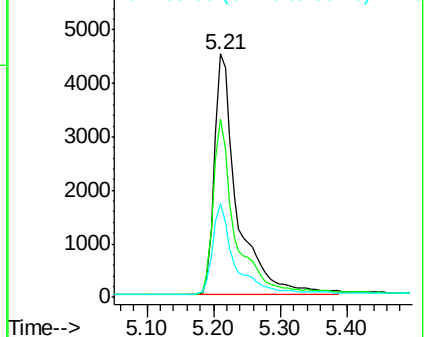
63 36.4 19.5 29.3#



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: 1.25 ng

RT: 6.78 min Scan# 669

Delta R.T. 0.00 min

Lab File: BE090618.D

Acq: 25 Aug 2015 17:55

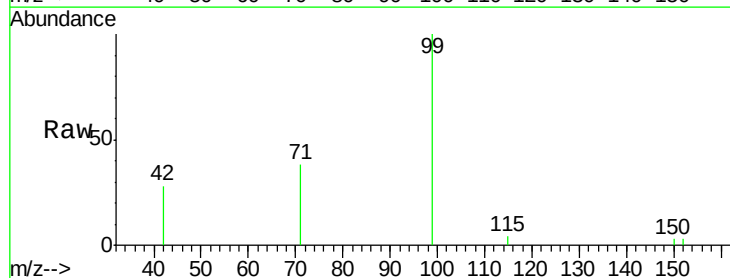
Tgt Ion: 99 Resp: 7631

Ion Ratio Lower Upper

99 100

42 19.3 18.2 27.4

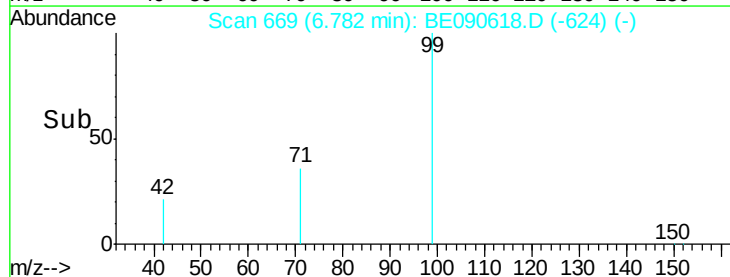
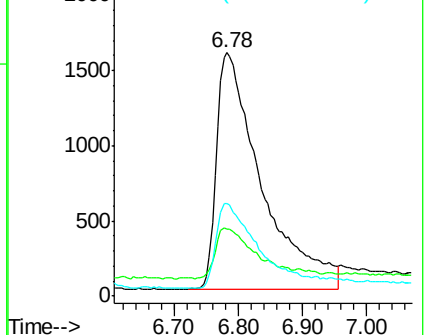
71 33.9 27.4 41.0

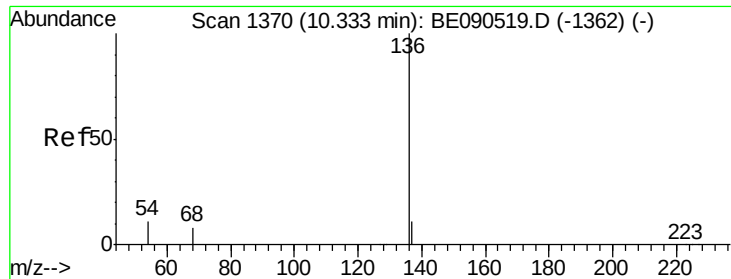


Abundance Ion 99.00 (98.70 to 99.70): BE090519.D (-656) (-)

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: BE090618.D

Acq: 25 Aug 2015 17:55

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 60804

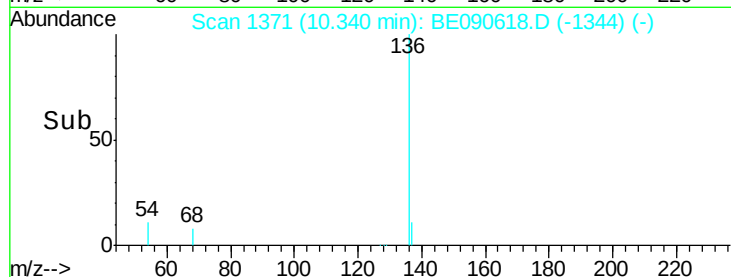
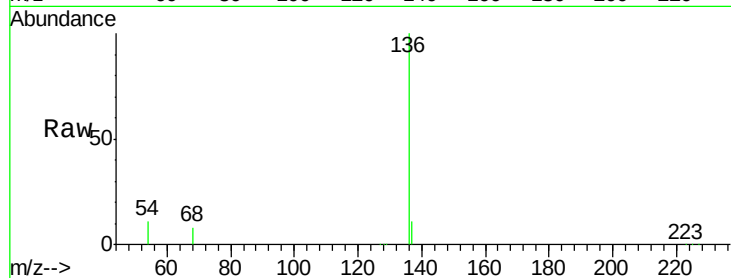
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 11.0 9.4 14.0

68 7.8 6.5 9.7

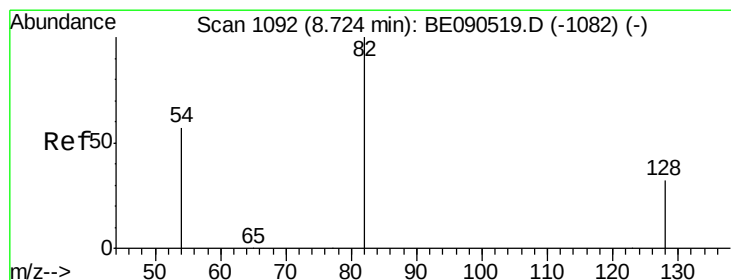
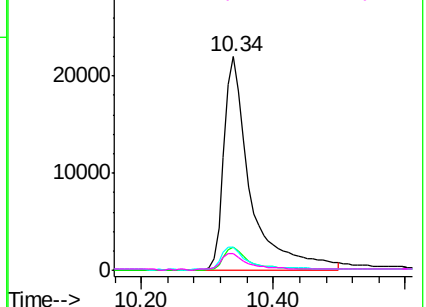


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.51 ng

RT: 8.74 min Scan# 1095

Delta R.T. 0.01 min

Lab File: BE090618.D

Acq: 25 Aug 2015 17:55

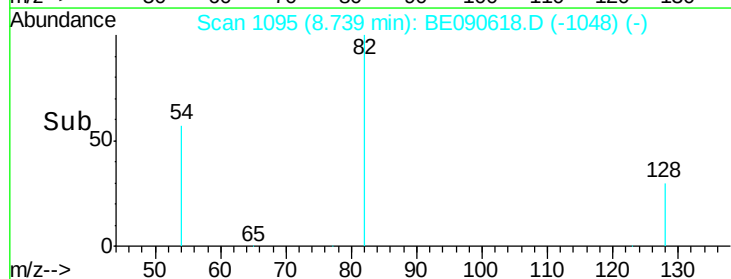
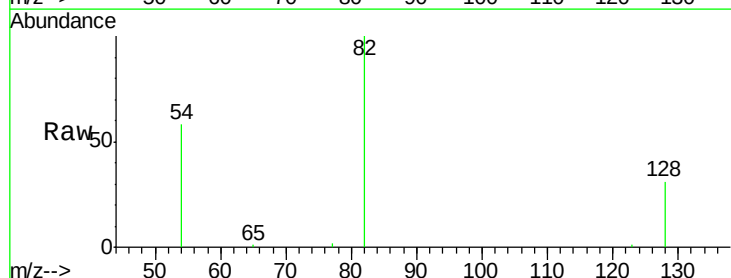
Tgt Ion: 82 Resp: 16983

Ion Ratio Lower Upper

82 100

128 31.0 25.0 37.6

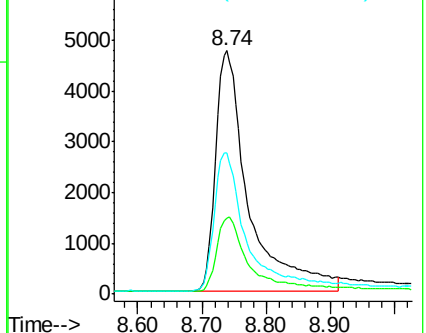
54 58.0 48.8 73.2

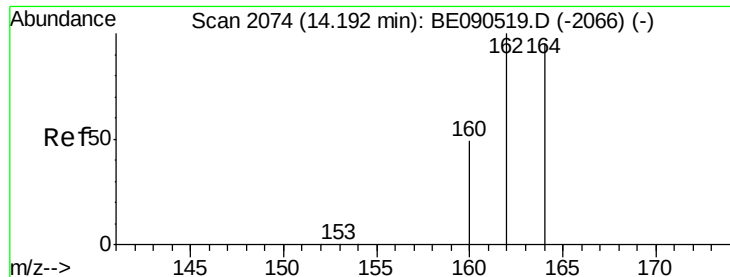


Abundance Ion 82.00 (81.70 to 82.70): BE0

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: 14.20 min Scan# 2075

Delta R.T. 0.01 min

Lab File: BE090618.D

Acq: 25 Aug 2015 17:55

Instrument :

BNA_E

ClientSampleId :

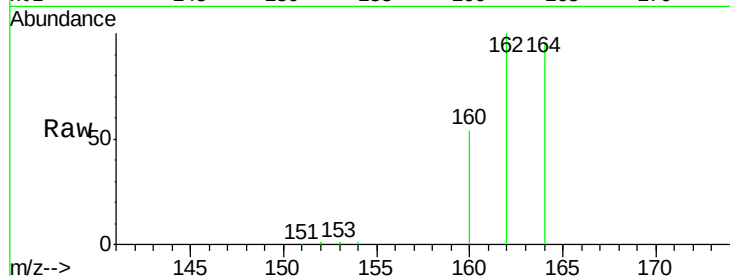
Tot Ion:164 Resp: 35196

Ion Ratio Lower Upper

164 100

162 105.4 81.8 122.8

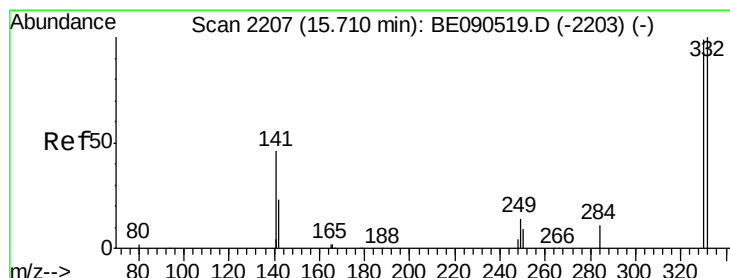
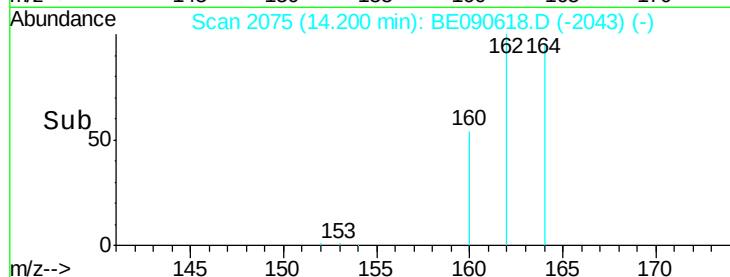
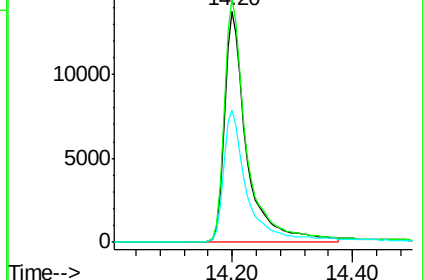
160 57.1 44.2 66.4



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: 9.25 ng

RT: 15.71 min Scan# 2206

Delta R.T. -0.00 min

Lab File: BE090618.D

Acq: 25 Aug 2015 17:55

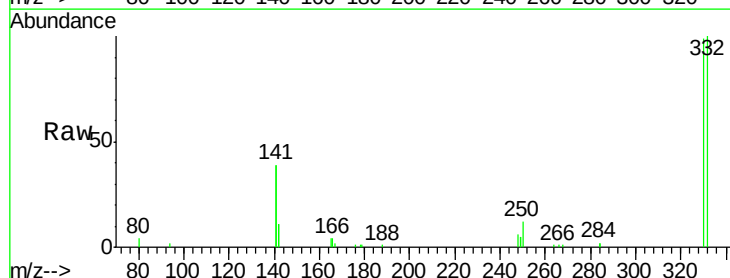
Tgt Ion:330 Resp: 12531

Ion Ratio Lower Upper

330 100

332 96.7 75.8 113.6

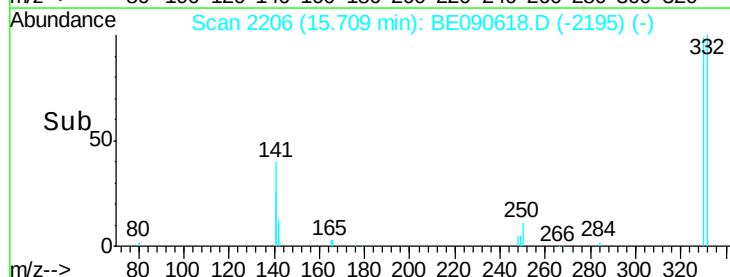
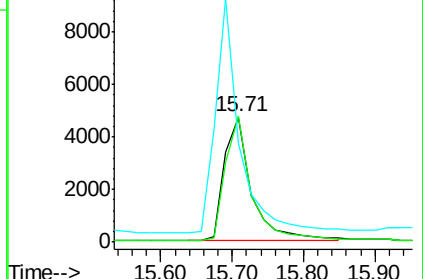
141 169.1 114.4 171.6

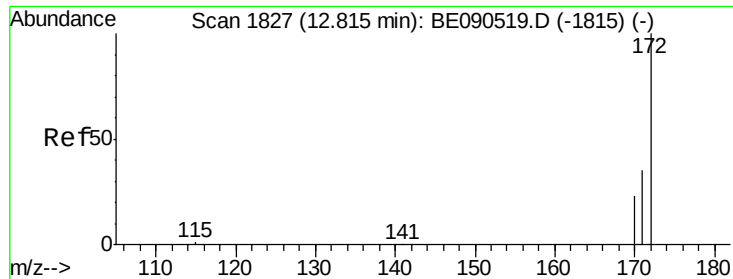


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

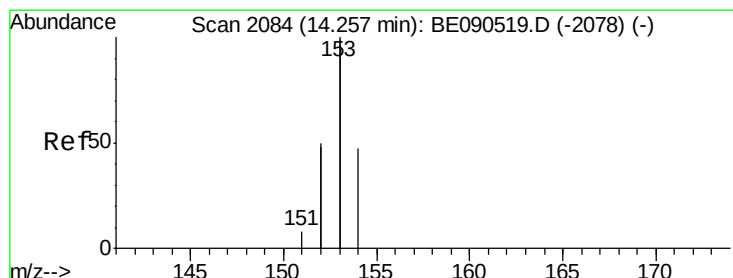
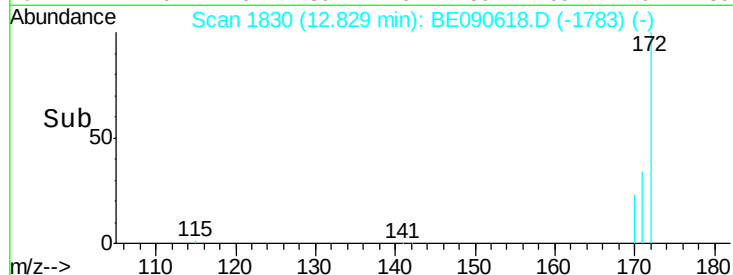
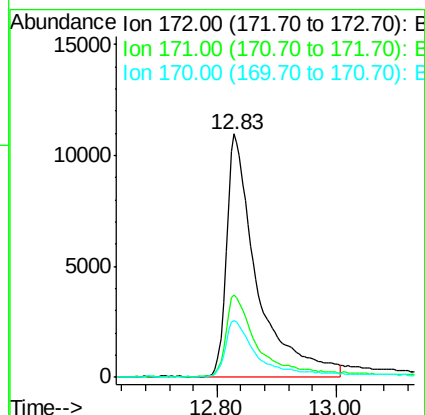
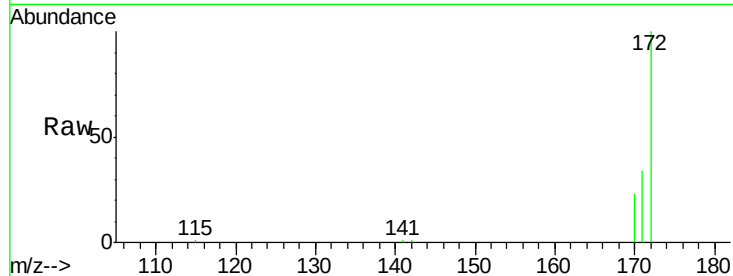




#14
2-Fluorobiphenyl
Concen: 3.68 ng
RT: 12.83 min Scan# 1830
Delta R.T. 0.01 min
Lab File: BE090618.D
Acq: 25 Aug 2015 17:55

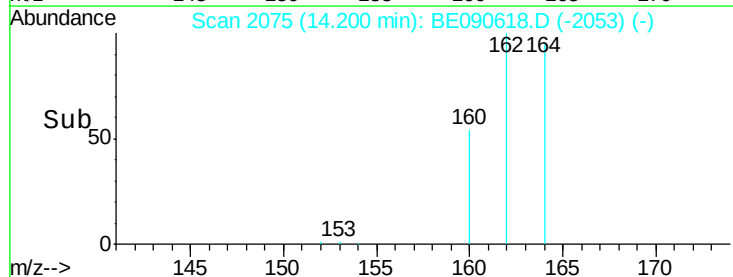
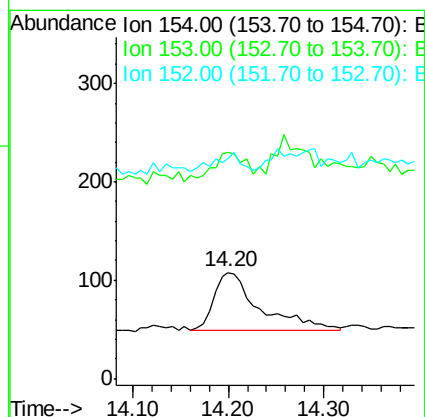
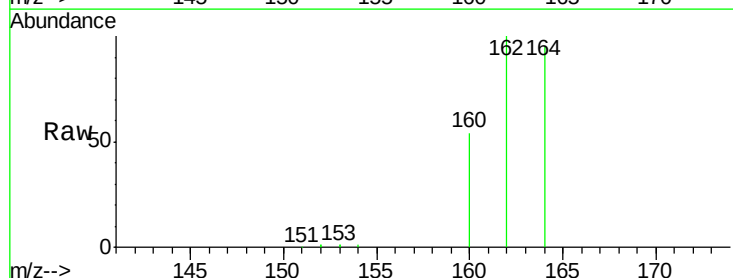
Instrument :
BNA_E
ClientSampleId :

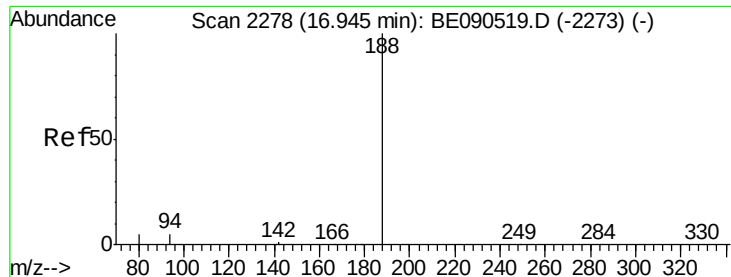
Tot Ion:172 Resp: 38635
Ion Ratio Lower Upper
172 100
171 33.8 28.5 42.7
170 23.4 19.8 29.8



#16
Acenaphthene
Concen: 0.02 ng
RT: 14.20 min Scan# 2075
Delta R.T. -0.06 min
Lab File: BE090618.D
Acq: 25 Aug 2015 17:55

Tgt Ion:154 Resp: 195
Ion Ratio Lower Upper
154 100
153 29.2 376.2 564.2#
152 19.0 235.0 352.4#





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.94 min Scan# 2277

Delta R.T. -0.00 min

Lab File: BE090618.D

Acq: 25 Aug 2015 17:55

Instrument :

BNA_E

ClientSampleId :

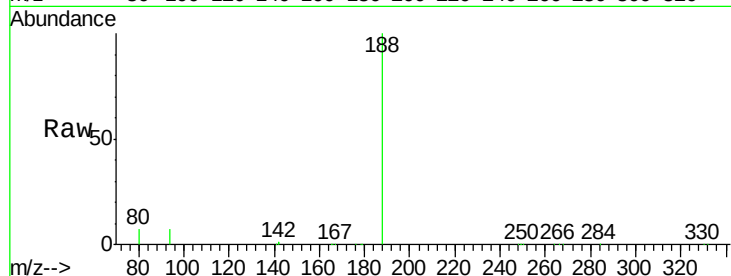
Tot Ion:188 Resp: 92898

Ion Ratio Lower Upper

188 100

94 6.7 5.7 8.5

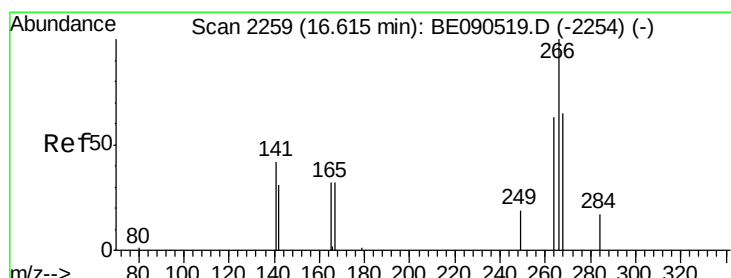
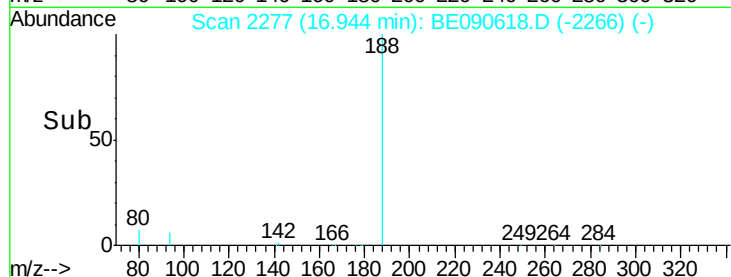
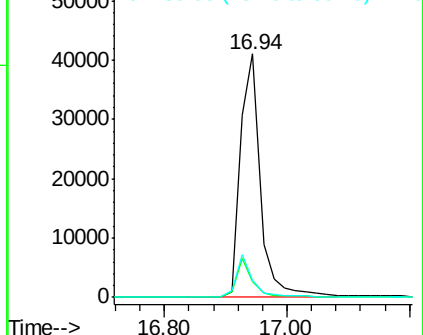
80 7.1 5.8 8.8



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: 16.60 min Scan# 2257

Delta R.T. -0.02 min

Lab File: BE090618.D

Acq: 25 Aug 2015 17:55

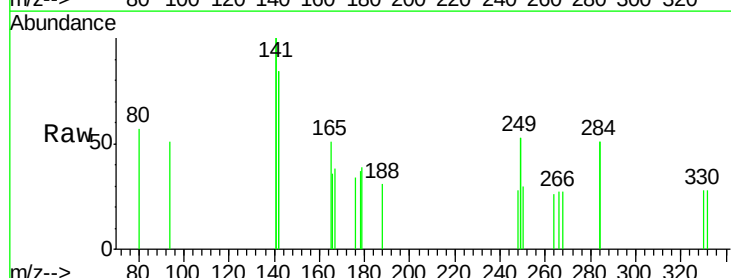
Tgt Ion:266 Resp: 19

Ion Ratio Lower Upper

266 100

268 100.0 58.5 87.7#

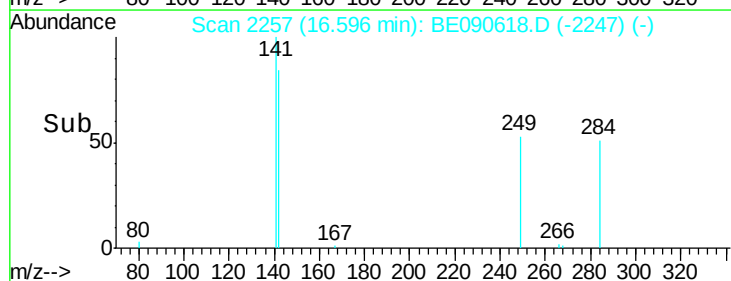
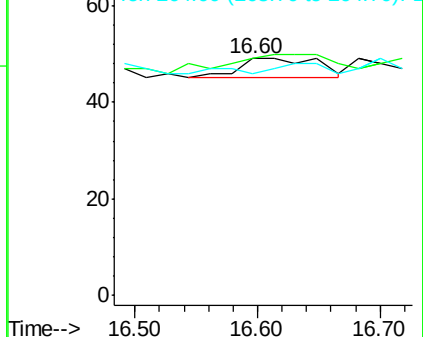
264 93.9 56.0 84.0#

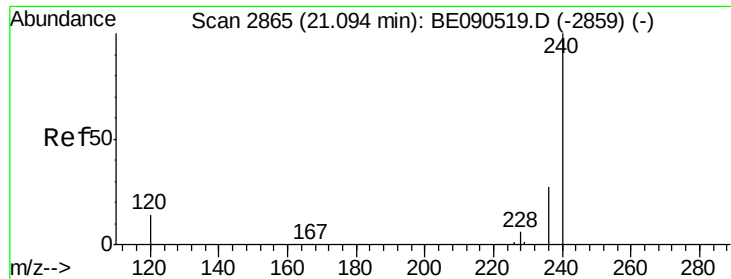


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.09 min Scan# 2863

Delta R.T. -0.00 min

Lab File: BE090618.D

Acq: 25 Aug 2015 17:55

Instrument :

BNA_E

ClientSampleId :

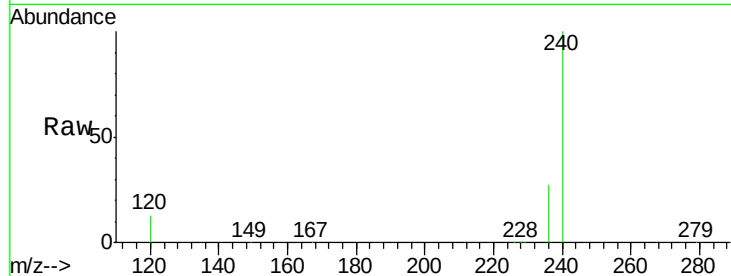
Tot Ion:240 Resp: 105635

Ion Ratio Lower Upper

240 100

120 13.1 8.3 12.5#

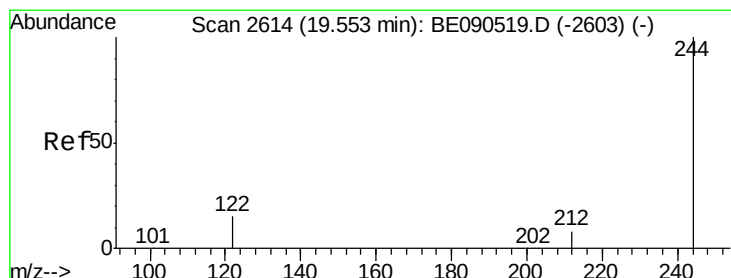
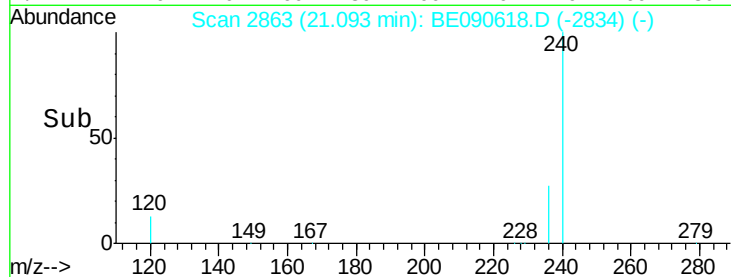
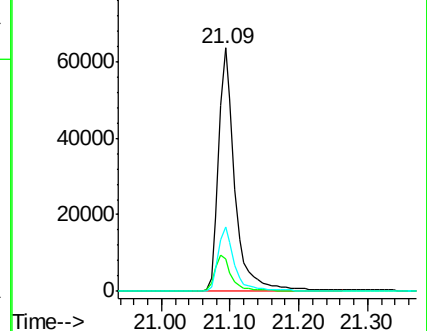
236 26.7 21.0 31.4



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: 4.37 ng

RT: 19.55 min Scan# 2612

Delta R.T. -0.00 min

Lab File: BE090618.D

Acq: 25 Aug 2015 17:55

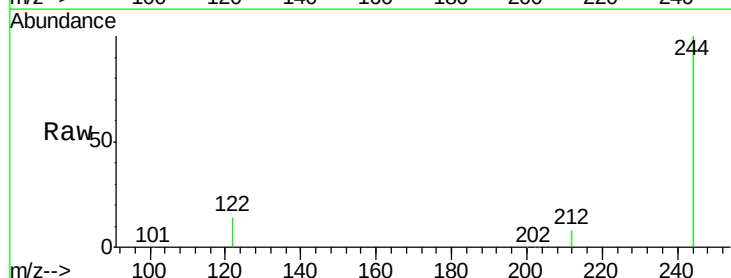
Tgt Ion:244 Resp: 84480

Ion Ratio Lower Upper

244 100

212 8.2 6.6 9.8

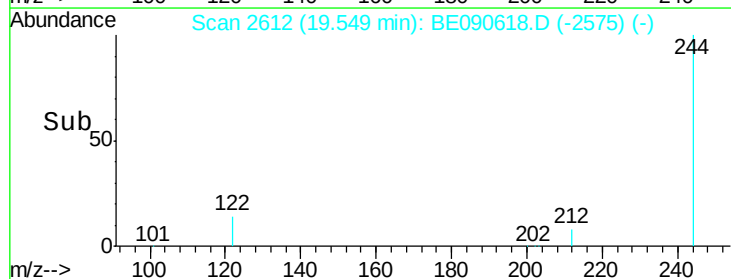
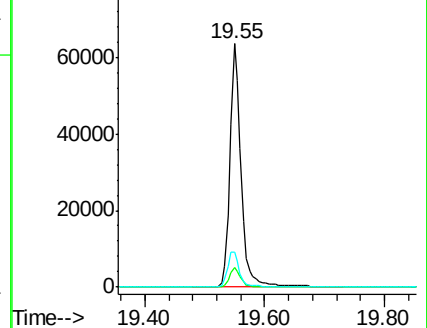
122 14.5 10.2 15.4

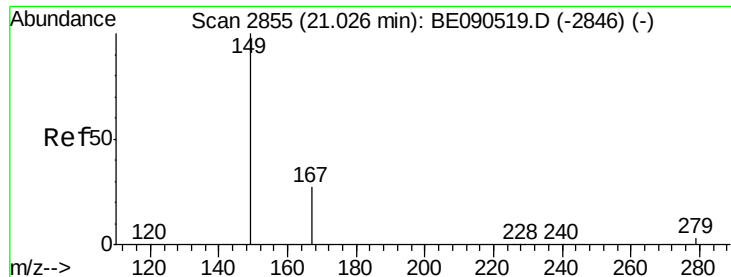


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

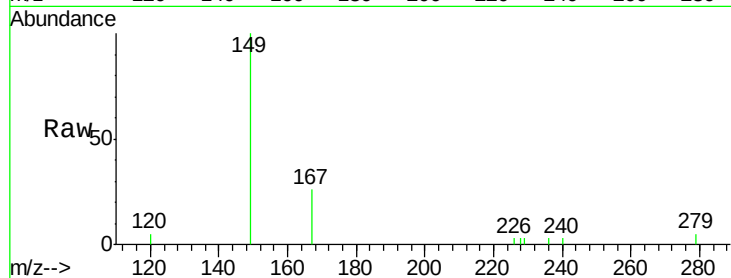




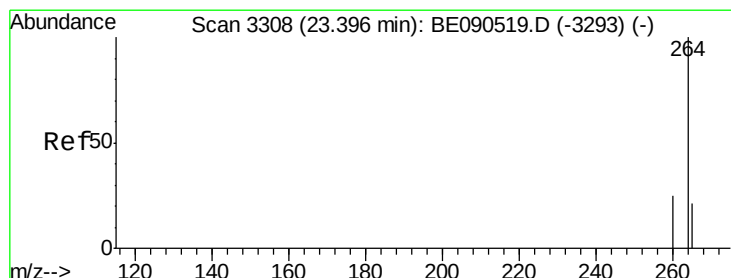
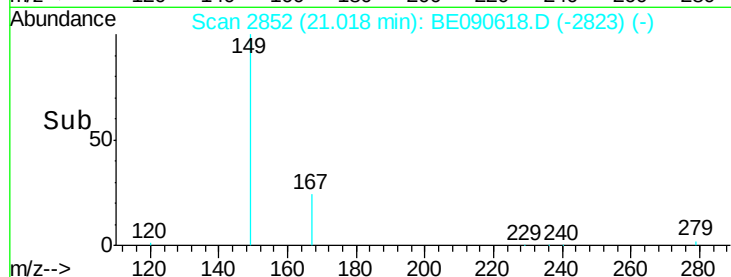
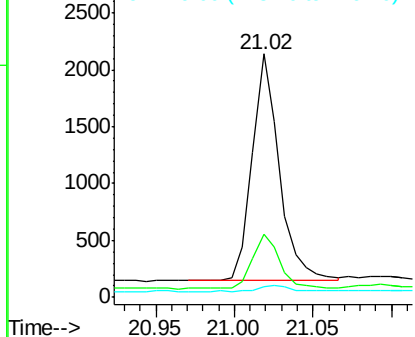
#30
 Bis(2-ethylhexyl)phthalate
 Concen: 0.28 ng
 RT: 21.02 min Scan# 2852
 Delta R.T. -0.01 min
 Lab File: BE090618.D
 Acq: 25 Aug 2015 17:55

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:149 Resp: 2410
 Ion Ratio Lower Upper
 149 100
 167 23.9 19.8 29.8
 279 3.1 2.4 3.6

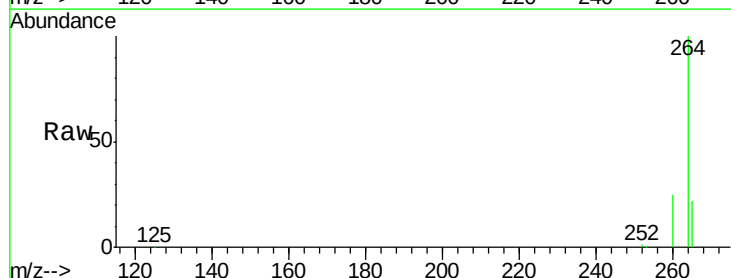


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#32
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.39 min Scan# 3306
 Delta R.T. -0.00 min
 Lab File: BE090618.D
 Acq: 25 Aug 2015 17:55

Tgt Ion:264 Resp: 92614
 Ion Ratio Lower Upper
 264 100
 260 25.1 20.1 30.1
 265 22.1 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

