

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE082015\
 Data File : BE090579.D
 Acq On : 20 Aug 2015 18:09
 Operator : UM/IZ
 Sample : G3369-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 082015-D534-E-D-B

Quant Time: Aug 21 01:32:05 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

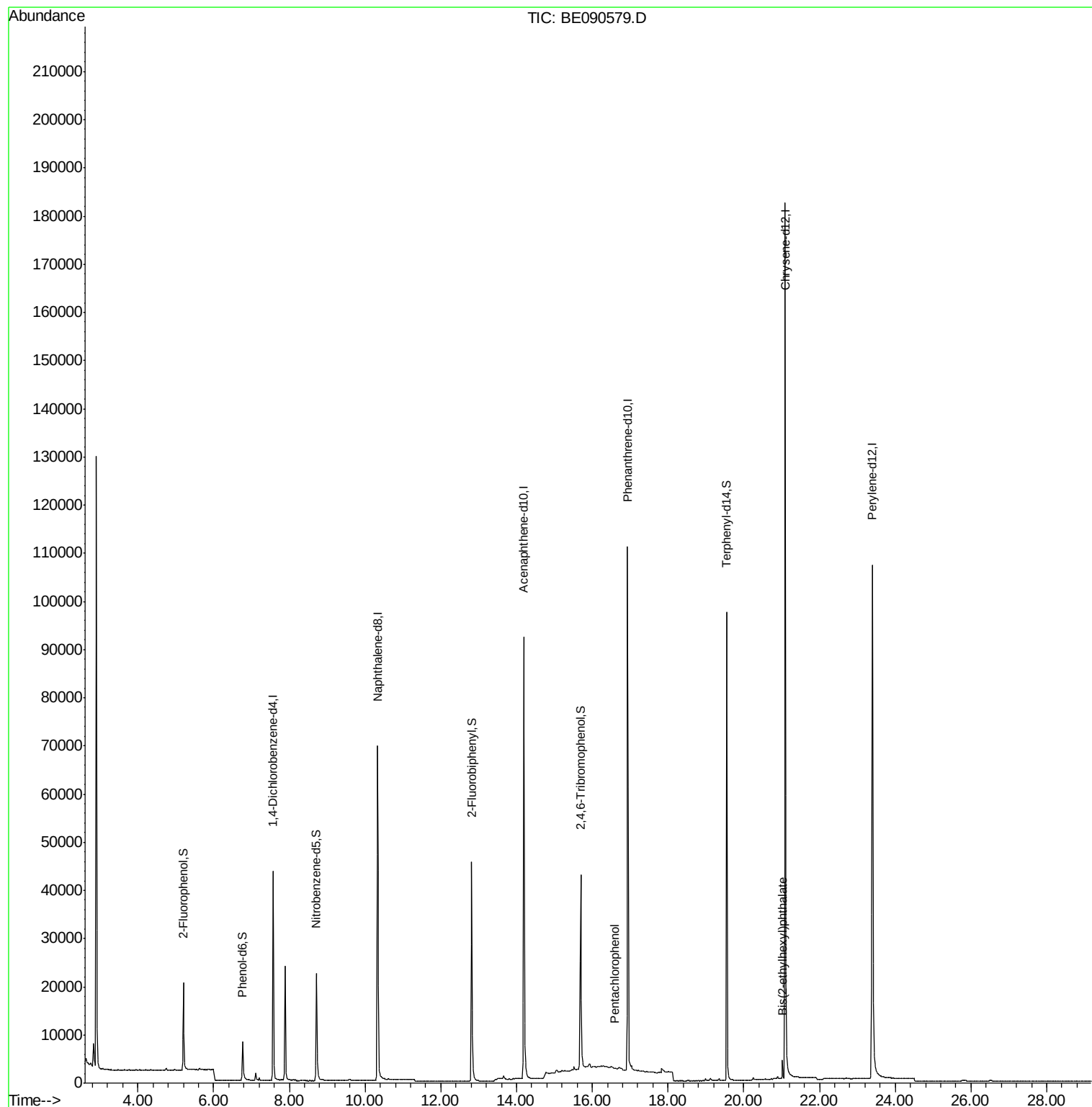
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	21837	5.00	ng	-0.01
6) Naphthalene-d8	10.33	136	102553	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	61117	5.00	ng	0.00
18) Phenanthrene-d10	16.93	188	153919	5.00	ng	-0.02
25) Chrysene-d12	21.09	240	176701	5.00	ng	0.00
32) Perylene-d12	23.39	264	164950	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.20	112	13643	2.16	ng	-0.02
5) Phenol-d6	6.76	99	11283	1.22	ng	-0.01
7) Nitrobenzene-d5	8.71	82	23947	2.93	ng	0.00
13) 2,4,6-Tribromophenol	15.69	330	19913	8.47	ng	-0.02
14) 2-Fluorobiphenyl	12.81	172	51449	2.82	ng	0.00
27) Terphenyl-d14	19.55	244	98796	3.06	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.24	88	22	Below Cal	#	10
21) Pentachlorophenol	16.60	266	34	0.31 ng	#	68
30) Bis(2-ethylhexyl)phthalate	21.02	149	3660	0.27 ng		98

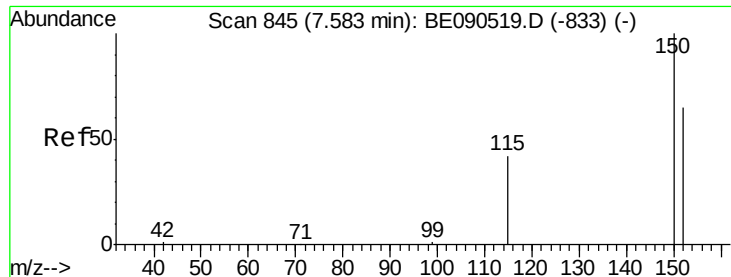
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.57 min Scan# 842

Delta R.T. -0.01 min

Lab File: BE090579.D

Acq: 20 Aug 2015 18:09

Instrument :

BNA_E

ClientSampleId :

082015-D534-E-D-B

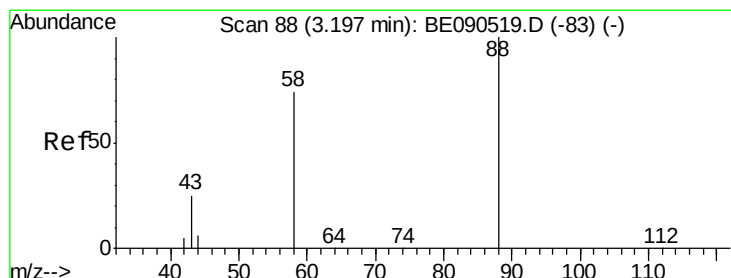
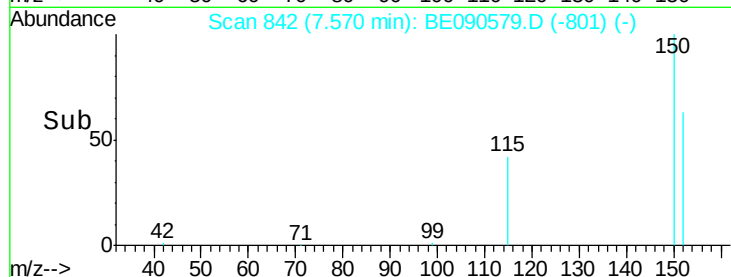
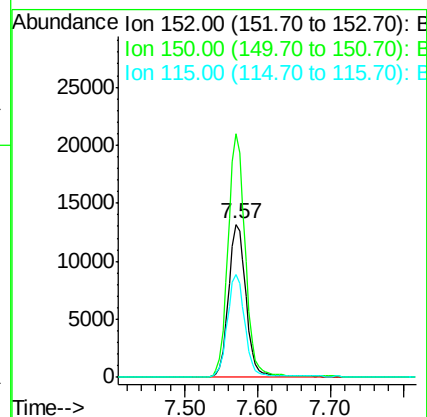
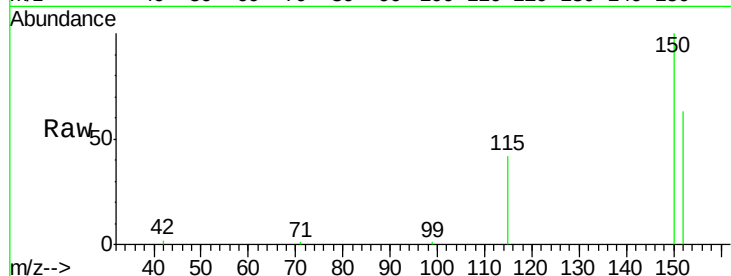
Tgt Ion:152 Resp: 21837

Ion Ratio Lower Upper

152 100

150 158.8 123.0 184.4

115 67.5 48.9 73.3



#2

1,4-Dioxane

Concen: Below Cal

RT: 3.24 min Scan# 94

Delta R.T. 0.04 min

Lab File: BE090579.D

Acq: 20 Aug 2015 18:09

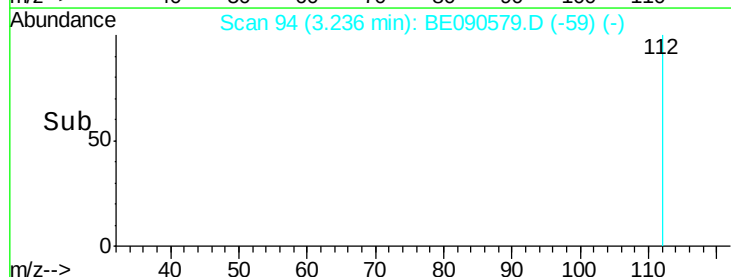
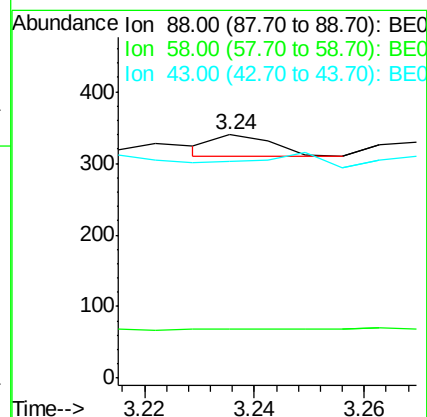
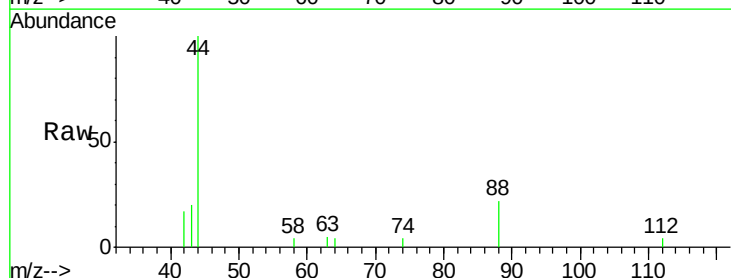
Tgt Ion: 88 Resp: 22

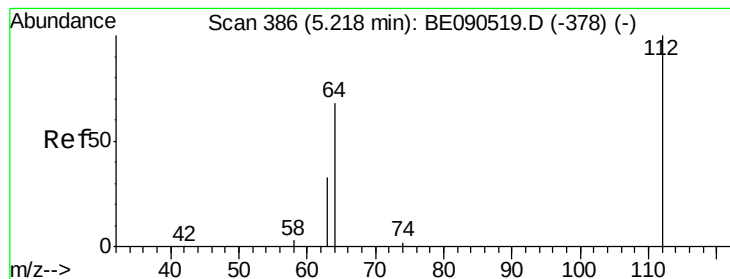
Ion Ratio Lower Upper

88 100

58 0.0 70.0 105.0#

43 81.8 28.4 42.6#





#4

2-Fluorophenol

Concen: 2.16 ng

RT: 5.20 min Scan# 384

Delta R.T. -0.02 min

Lab File: BE090579.D

Acq: 20 Aug 2015 18:09

Instrument :

BNA_E

ClientSampleId :

082015-D534-E-D-B

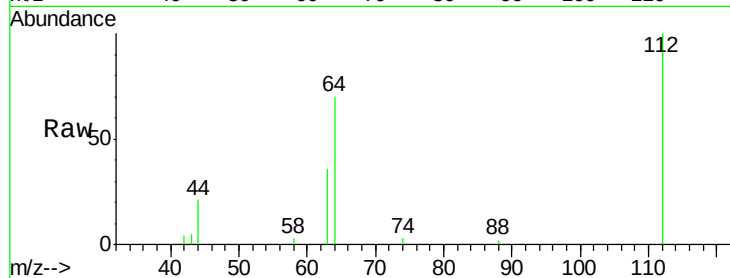
Tgt Ion: 112 Resp: 13643

Ion Ratio Lower Upper

112 100

64 68.9 37.1 55.7#

63 36.2 19.5 29.3#

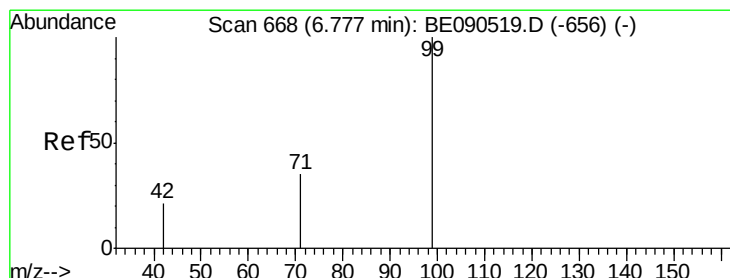
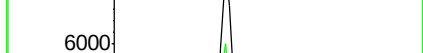
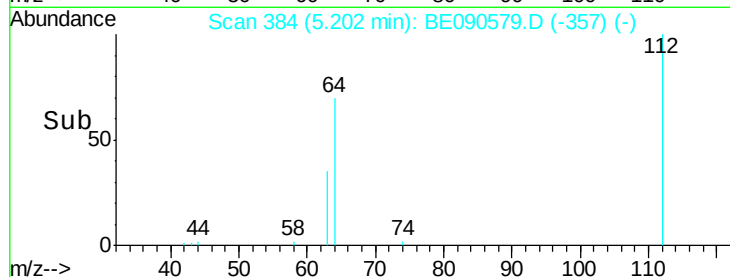


Abundance Ion 112.00 (111.70 to 112.70): BE090519.D (-378) (-)

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

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

Time-->



#5

Phenol-d6

Concen: 1.22 ng

RT: 6.76 min Scan# 665

Delta R.T. -0.01 min

Lab File: BE090579.D

Acq: 20 Aug 2015 18:09

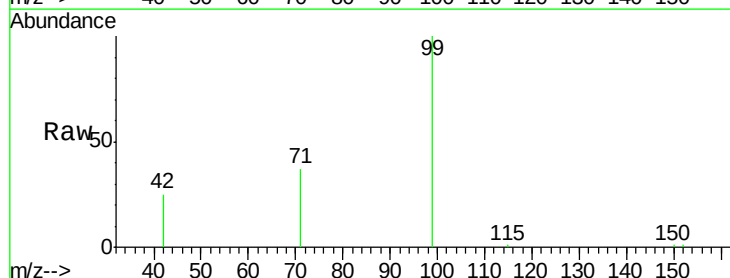
Tgt Ion: 99 Resp: 11283

Ion Ratio Lower Upper

99 100

42 19.0 18.2 27.4

71 35.6 27.4 41.0

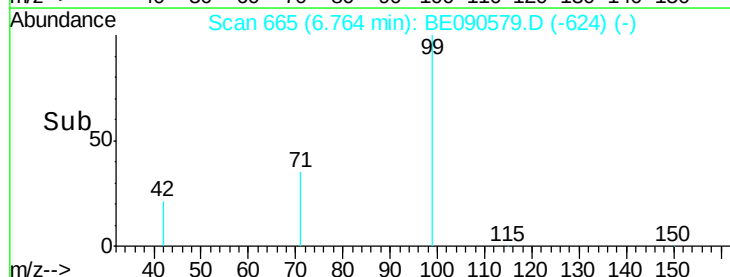


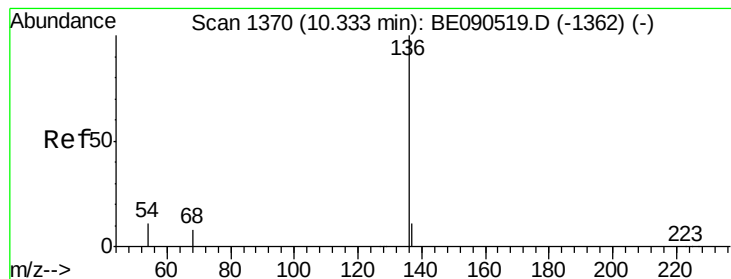
Abundance Ion 99.00 (98.70 to 99.70): BE090519.D (-656) (-)

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

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

Time-->





#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.33 min Scan# 1369

Delta R.T. -0.01 min

Lab File: BE090579.D

Acq: 20 Aug 2015 18:09

Instrument :

BNA_E

ClientSampleId :

082015-D534-E-D-B

Tgt Ion: 136 Resp: 102553

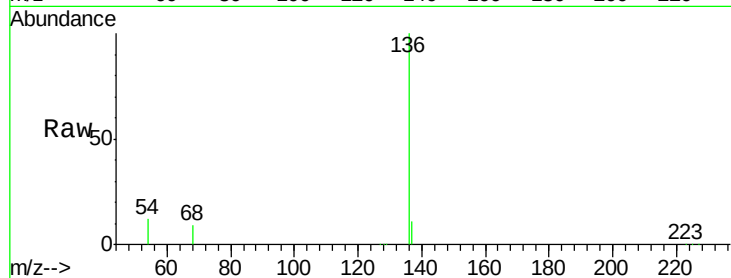
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 11.7 9.4 14.0

68 8.7 6.5 9.7

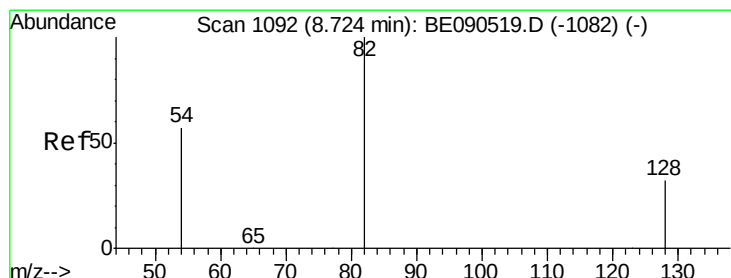
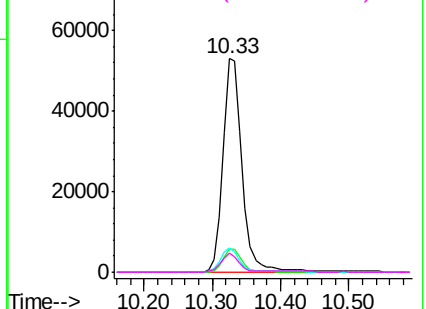
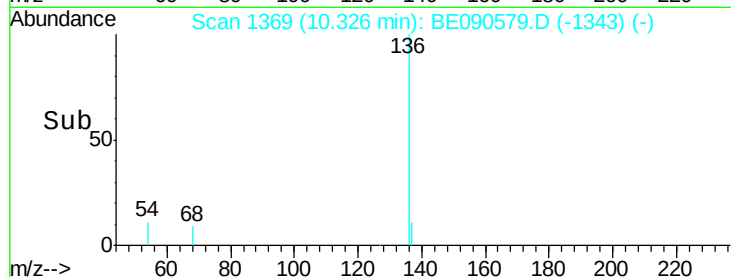


Abundance Ion 136.00 (135.70 to 136.70): E

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: 2.93 ng

RT: 8.71 min Scan# 1090

Delta R.T. -0.01 min

Lab File: BE090579.D

Acq: 20 Aug 2015 18:09

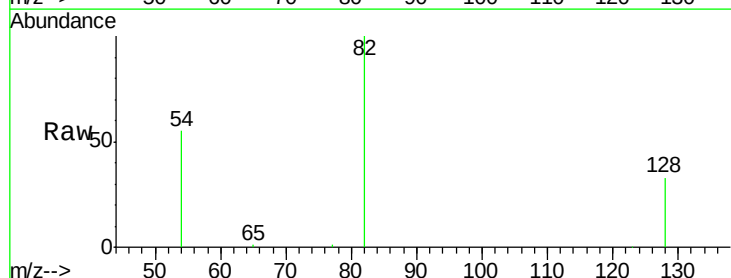
Tgt Ion: 82 Resp: 23947

Ion Ratio Lower Upper

82 100

128 33.4 25.0 37.6

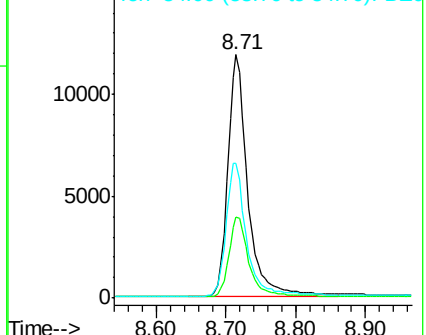
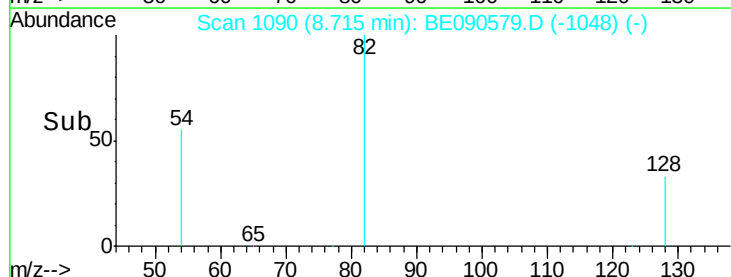
54 55.4 48.8 73.2

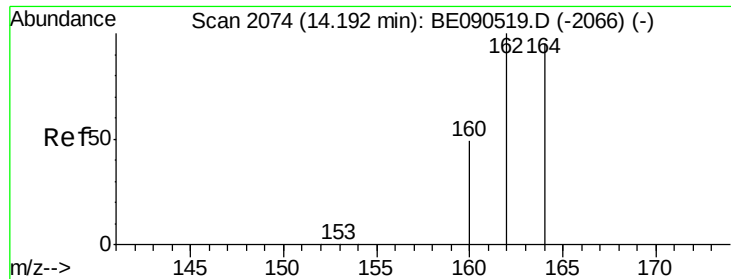


Abundance Ion 82.00 (81.70 to 82.70): BE0

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: BE090579.D

Acq: 20 Aug 2015 18:09

Instrument :

BNA_E

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082015-D534-E-D-B

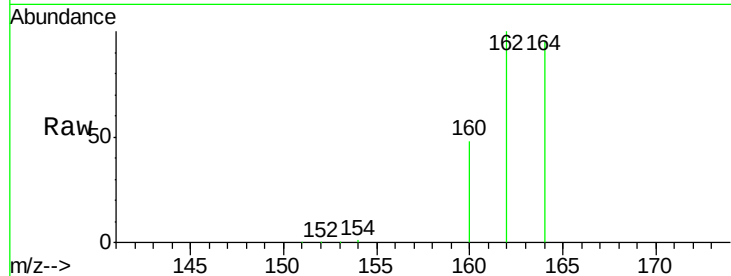
Tgt Ion:164 Resp: 61117

Ion Ratio Lower Upper

164 100

162 104.9 81.8 122.8

160 50.6 44.2 66.4



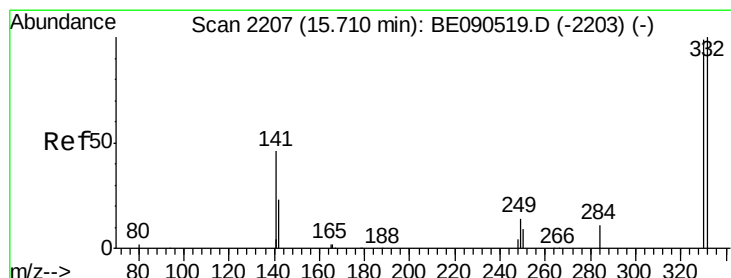
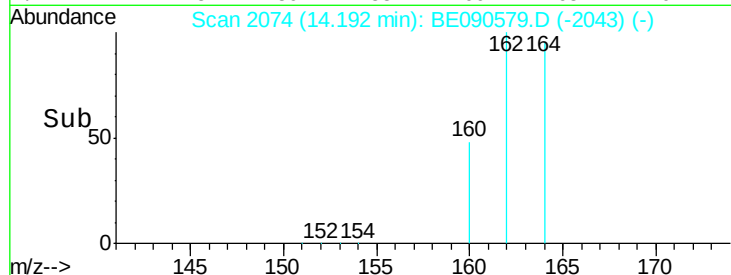
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

14.19

Time-->



#13

2,4,6-Tribromophenol

Concen: 8.47 ng

RT: 15.69 min Scan# 2206

Delta R.T. -0.02 min

Lab File: BE090579.D

Acq: 20 Aug 2015 18:09

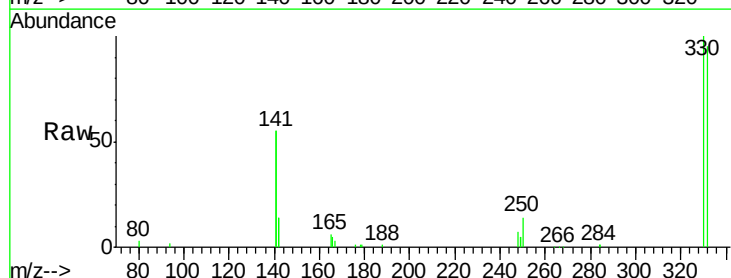
Tgt Ion:330 Resp: 19913

Ion Ratio Lower Upper

330 100

332 96.8 75.8 113.6

141 167.8 114.4 171.6



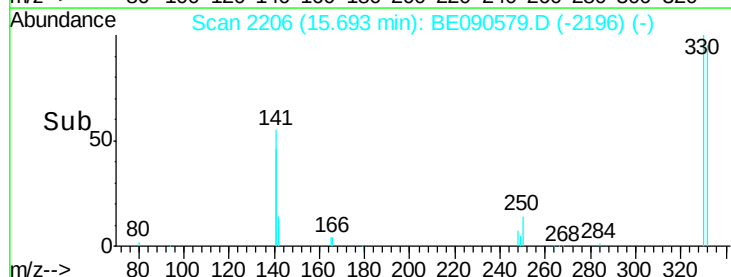
Abundance Ion 329.80 (329.50 to 330.50): E

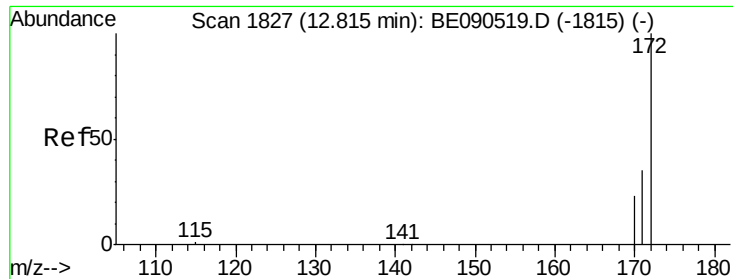
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

15.69

Time-->

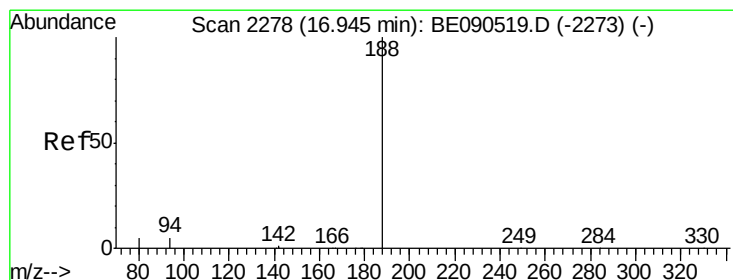
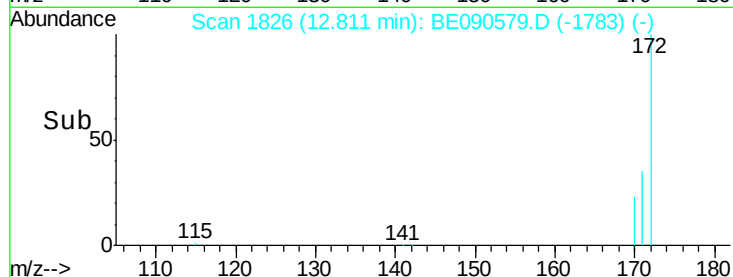
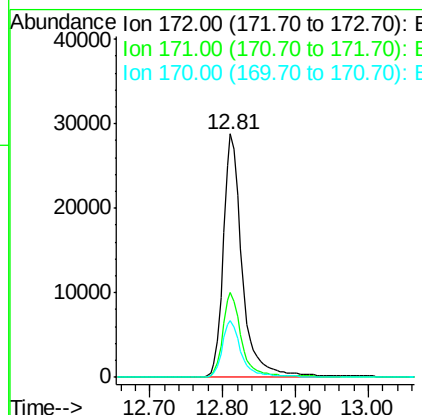
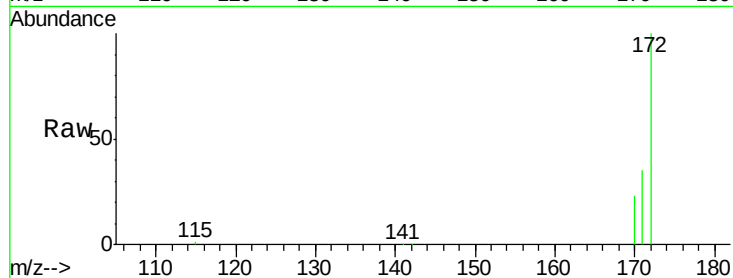




#14
2-Fluorobiphenyl
Concen: 2.82 ng
RT: 12.81 min Scan# 1826
Delta R.T. -0.00 min
Lab File: BE090579.D
Acq: 20 Aug 2015 18:09

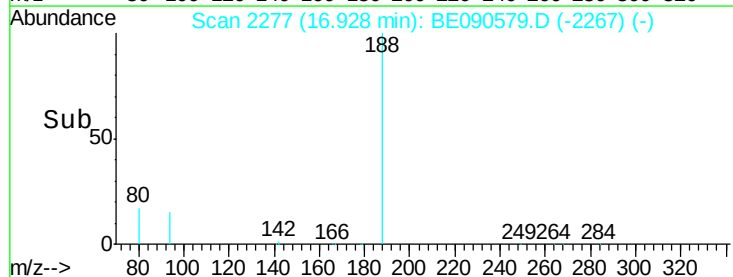
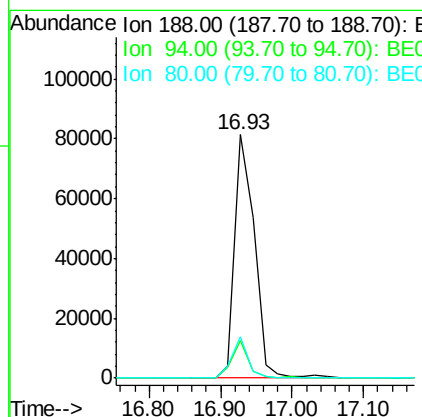
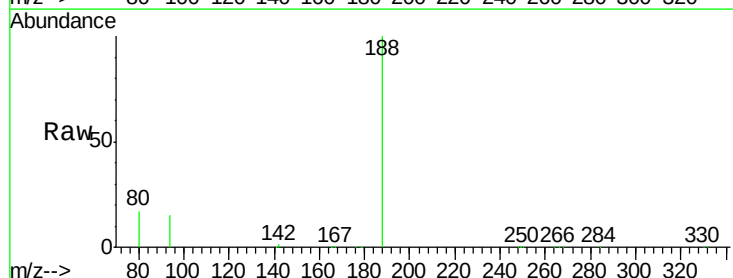
Instrument :
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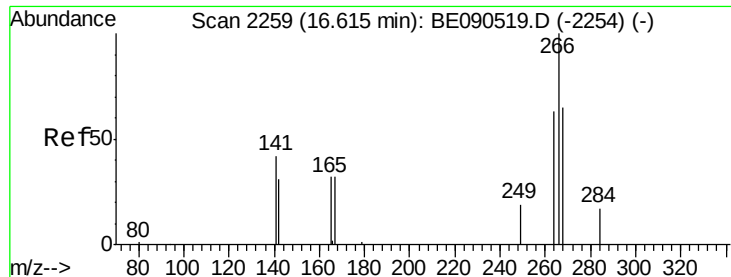
Tgt Ion:172 Resp: 51449
Ion Ratio Lower Upper
172 100
171 34.8 28.5 42.7
170 23.4 19.8 29.8



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.93 min Scan# 2277
Delta R.T. -0.02 min
Lab File: BE090579.D
Acq: 20 Aug 2015 18:09

Tgt Ion:188 Resp: 153919
Ion Ratio Lower Upper
188 100
94 15.5 5.7 8.5#
80 17.0 5.8 8.8#

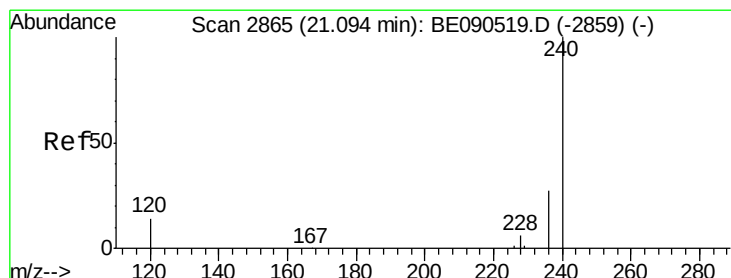
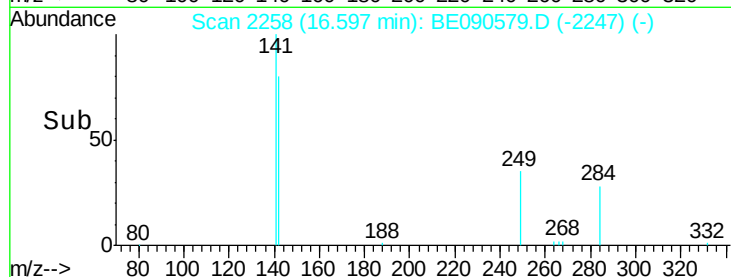
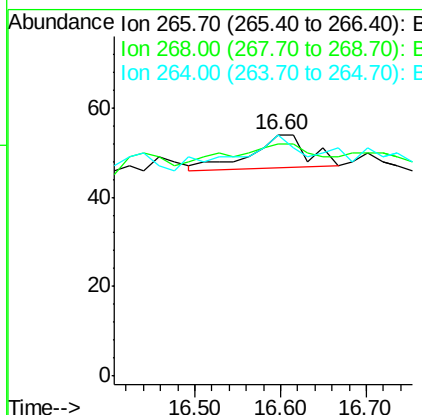
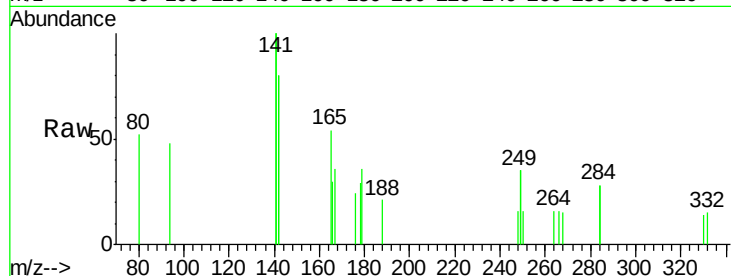




#21
 Pentachlorophenol
 Concen: 0.31 ng
 RT: 16.60 min Scan# 2258
 Delta R.T. -0.02 min
 Lab File: BE090579.D
 Acq: 20 Aug 2015 18:09

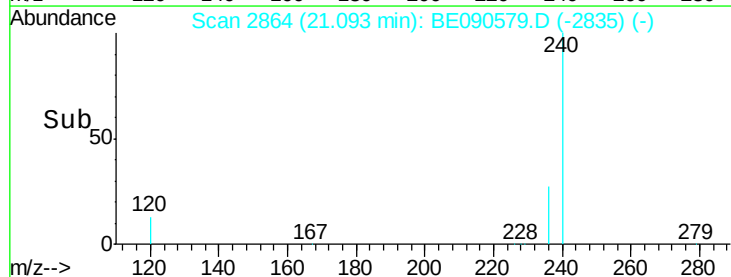
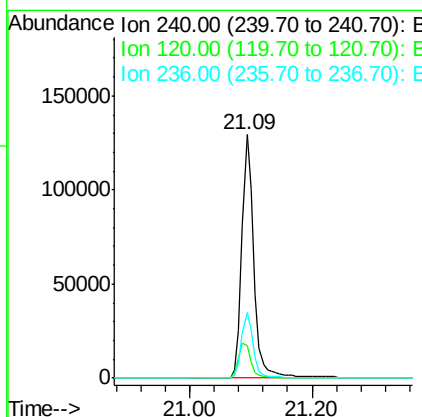
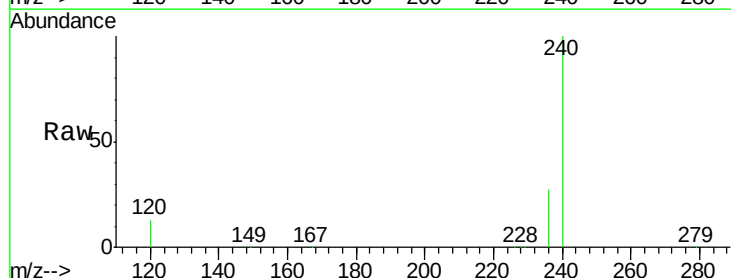
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 BNA_E
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 082015-D534-E-D-B

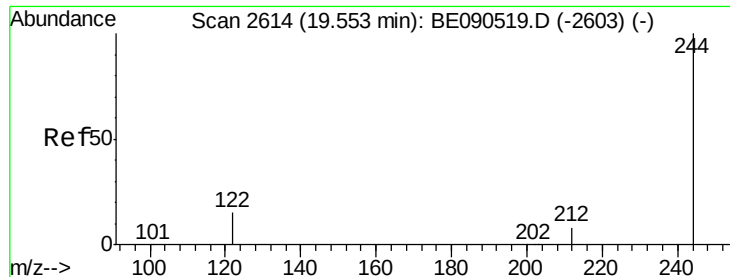
Tgt Ion: 266 Resp: 34
 Ion Ratio Lower Upper
 266 100
 268 96.3 58.5 87.7#
 264 100.0 56.0 84.0#



#25
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.09 min Scan# 2864
 Delta R.T. -0.00 min
 Lab File: BE090579.D
 Acq: 20 Aug 2015 18:09

Tgt Ion: 240 Resp: 176701
 Ion Ratio Lower Upper
 240 100
 120 13.1 8.3 12.5#
 236 27.1 21.0 31.4





#27

Terphenyl-d14

Concen: 3.06 ng

RT: 19.55 min Scan# 2613

Delta R.T. -0.00 min

Lab File: BE090579.D

Acq: 20 Aug 2015 18:09

Instrument :

BNA_E

ClientSampleId :

082015-D534-E-D-B

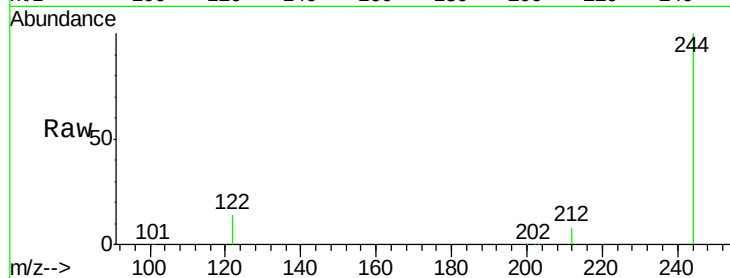
Tgt Ion:244 Resp: 98796

Ion Ratio Lower Upper

244 100

212 8.0 6.6 9.8

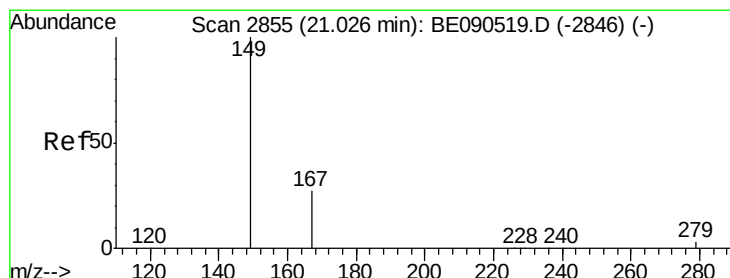
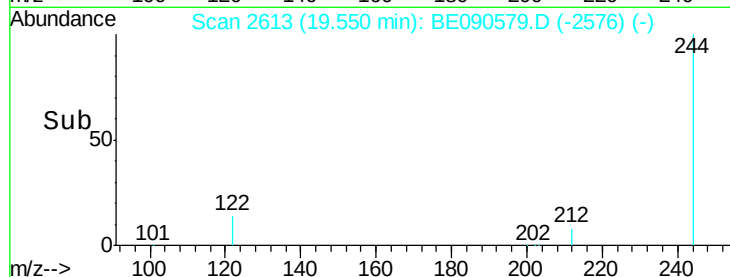
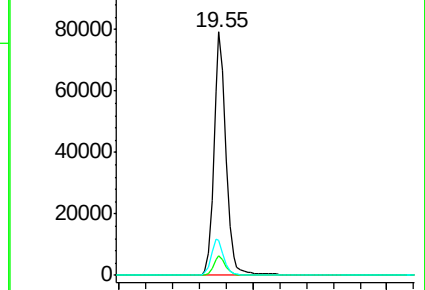
122 14.2 10.2 15.4



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: 0.27 ng

RT: 21.02 min Scan# 2853

Delta R.T. -0.01 min

Lab File: BE090579.D

Acq: 20 Aug 2015 18:09

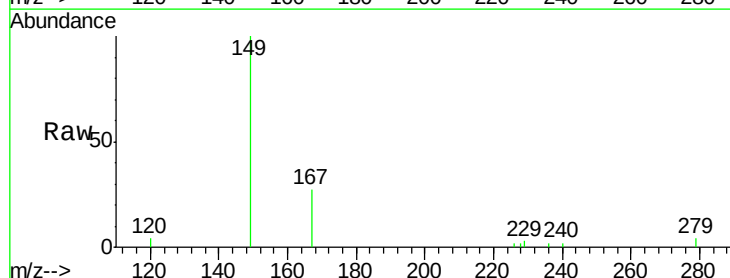
Tgt Ion:149 Resp: 3660

Ion Ratio Lower Upper

149 100

167 25.8 19.8 29.8

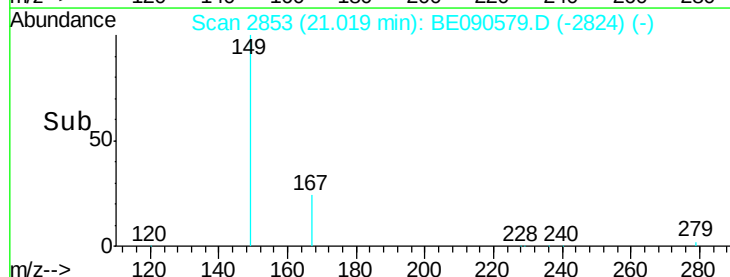
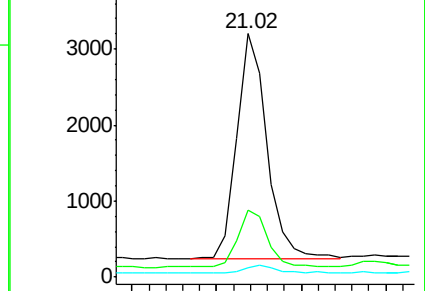
279 3.4 2.4 3.6

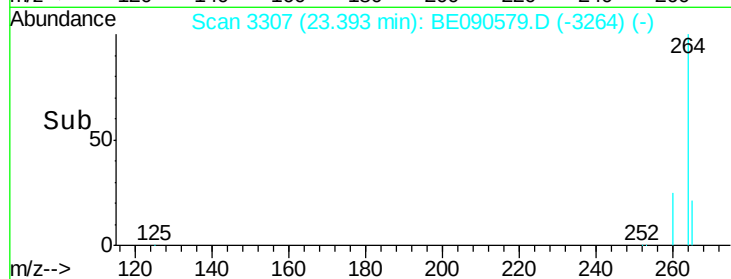
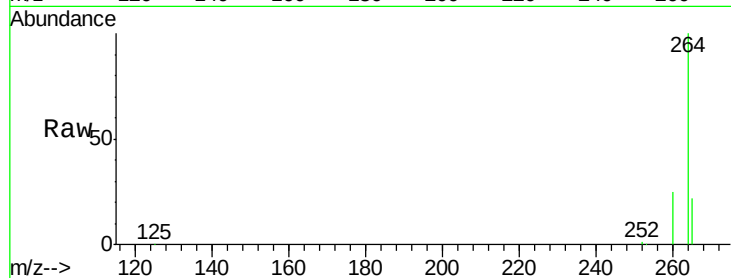
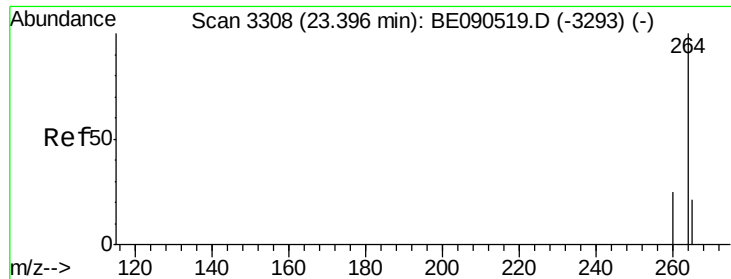


Abundance Ion 149.00 (148.70 to 149.70): E

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# 3307

Delta R.T. -0.00 min

Lab File: BE090579.D

Acq: 20 Aug 2015 18:09

Instrument :

BNA_E

ClientSampleId :

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Tgt Ion:264 Resp: 164950

Ion Ratio Lower Upper

264 100

260 25.0 20.1 30.1

265 21.5 17.2 25.8

