

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080715\
 Data File : BE090395.D
 Acq On : 7 Aug 2015 13:38
 Operator : TP/UM
 Sample : PB84854BL
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB84854BL

Quant Time: Aug 07 23:03:46 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 06 12:28:08 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	20303	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	86394	5.00	ng	0.00
12) Acenaphthene-d10	14.20	164	48859	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	120867	5.00	ng	0.00
25) Chrysene-d12	21.10	240	136215	5.00	ng	0.00
32) Perylene-d12	23.40	264	115960	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.21	112	25058	8.23	ng	0.00
5) Phenol-d6	6.77	99	37592	5.76	ng	0.00
7) Nitrobenzene-d5	8.73	82	22521	3.27	ng	0.00
13) 2,4,6-Tribromophenol	15.71	330	5115	4.39	ng	0.00
14) 2-Fluorobiphenyl	12.82	172	56028	4.17	ng	0.00
27) Terphenyl-d14	19.56	244	98800	4.92	ng	0.00

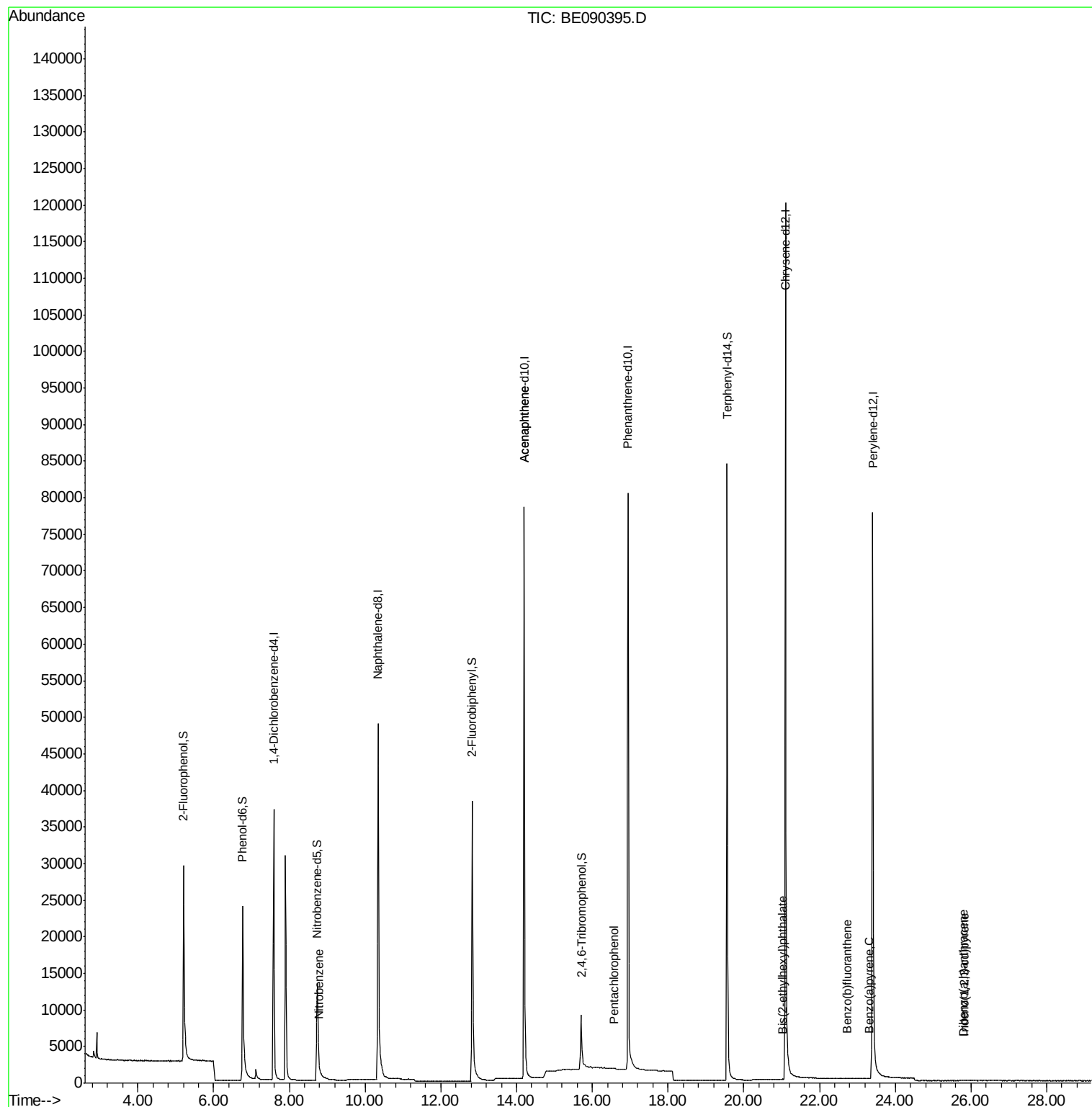
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.13	88	73	Below Cal	#	29
8) Nitrobenzene	8.79	77	4	0.21 ng	#	50
10) Hexachlorobutadiene	10.66	225	6	Below Cal	#	19
16) Acenaphthene	14.20	154	283	0.02 ng	#	1
21) Pentachlorophenol	16.58	266	7	0.10 ng	#	64
30) Bis(2-ethylhexyl)phthalate	21.03	149	44	0.11 ng	#	99
31) Indeno(1,2,3-cd)pyrene	25.81	276	36	0.25 ng	#	85
33) Benzo(b)fluoranthene	22.71	252	46	0.19 ng	#	1
35) Benzo(a)pyrene	23.30	252	93	0.23 ng	#	1
36) Dibenzo(a,h)anthracene	25.79	278	7	0.28 ng	#	1

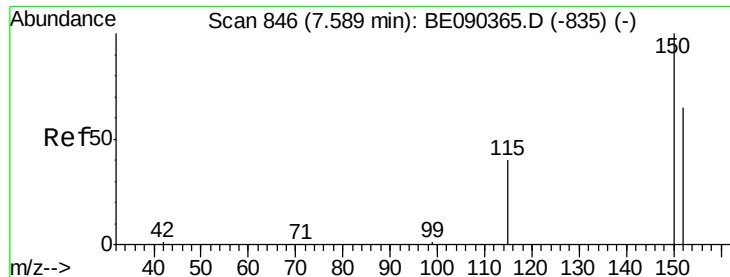
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080715\
Data File : BE090395.D
Acq On : 7 Aug 2015 13:38
Operator : TP/UM
Sample : PB84854BL
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB84854BL

Quant Time: Aug 07 23:03:46 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 12:28:08 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.58 min Scan# 845

Delta R.T. -0.01 min

Lab File: BE090395.D

Acq: 7 Aug 2015 13:38

Instrument :

BNA_E

ClientSampleId :

PB84854BL

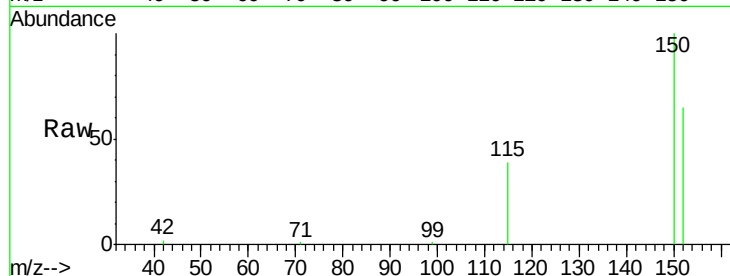
Tgt Ion:152 Resp: 20303

Ion Ratio Lower Upper

152 100

150 153.4 123.0 184.4

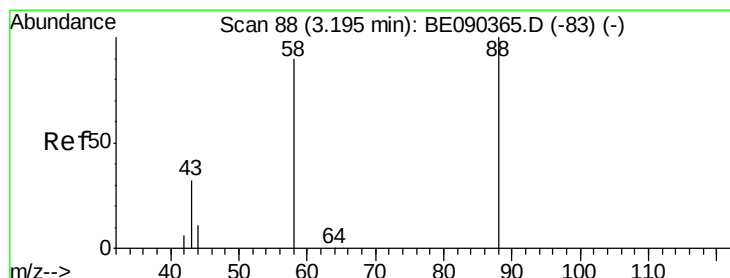
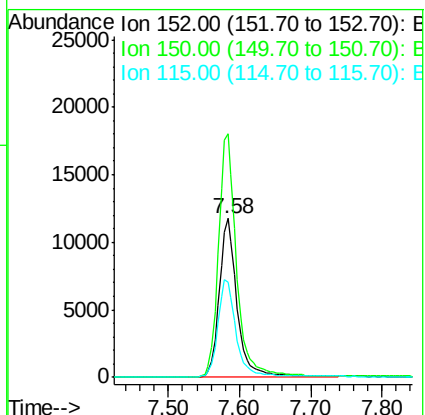
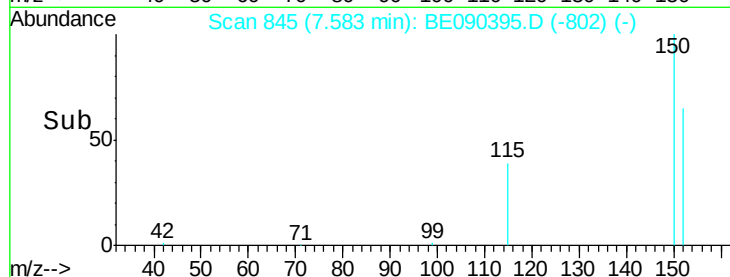
115 59.8 48.9 73.3



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



#2

1,4-Dioxane

Concen: Below Cal

RT: 3.13 min Scan# 78

Delta R.T. -0.07 min

Lab File: BE090395.D

Acq: 7 Aug 2015 13:38

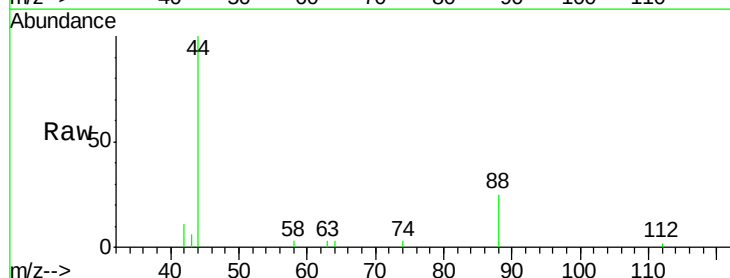
Tgt Ion: 88 Resp: 73

Ion Ratio Lower Upper

88 100

58 4.1 70.0 105.0#

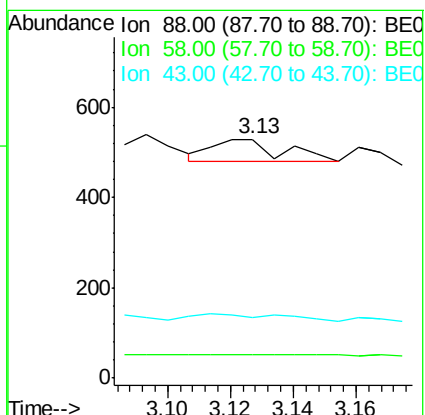
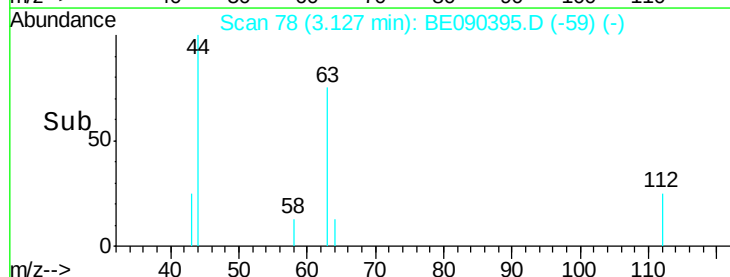
43 20.5 28.4 42.6#

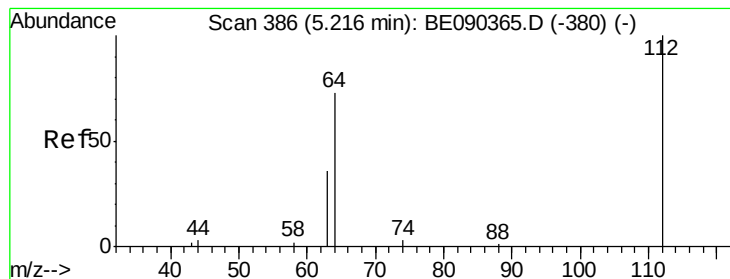


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 8.23 ng

RT: 5.21 min Scan# 385

Delta R.T. -0.01 min

Lab File: BE090395.D

Acq: 7 Aug 2015 13:38

Instrument :

BNA_E

ClientSampled :

PB84854BL

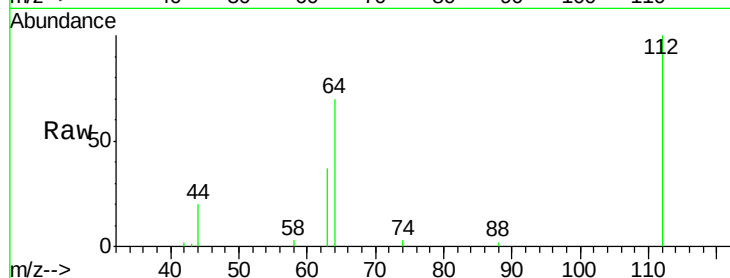
Tgt Ion: 112 Resp: 25058

Ion Ratio Lower Upper

112 100

64 70.8 37.1 55.7#

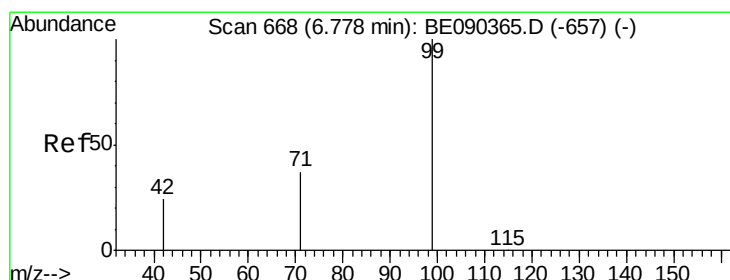
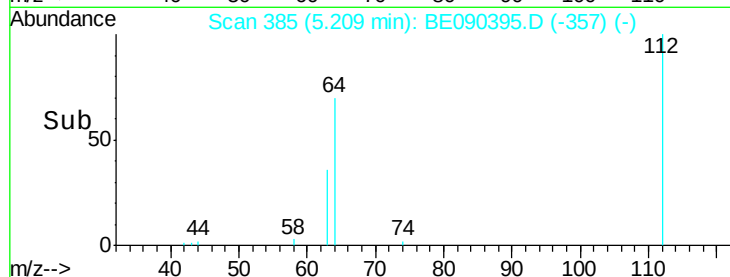
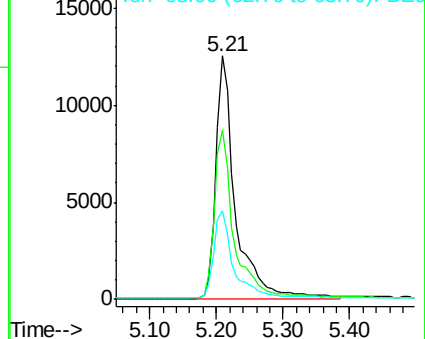
63 36.6 19.5 29.3#



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 5.76 ng

RT: 6.77 min Scan# 666

Delta R.T. -0.01 min

Lab File: BE090395.D

Acq: 7 Aug 2015 13:38

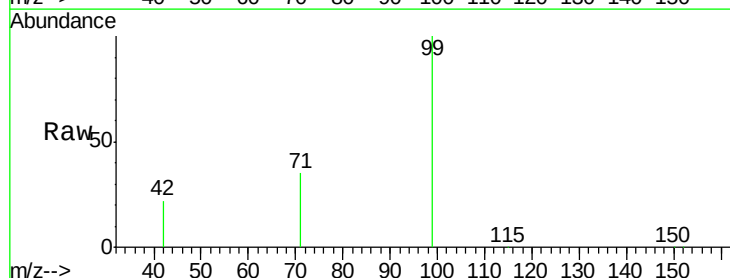
Tgt Ion: 99 Resp: 37592

Ion Ratio Lower Upper

99 100

42 22.6 18.2 27.4

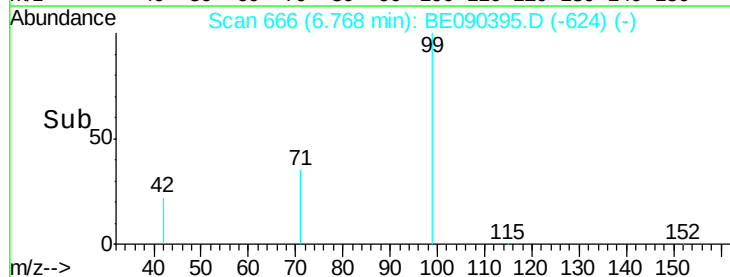
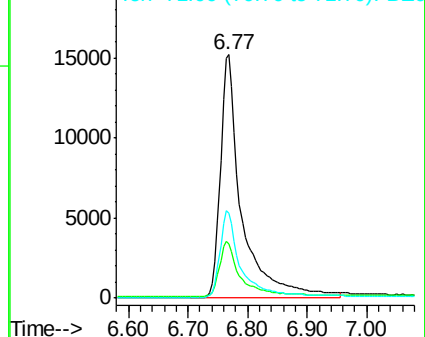
71 35.6 27.4 41.0

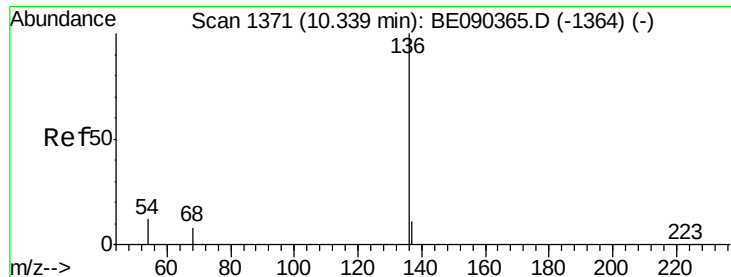


Abundance Ion 99.00 (98.70 to 99.70): BE0

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. 0.00 min

Lab File: BE090395.D

Acq: 7 Aug 2015 13:38

Instrument :

BNA_E

ClientSampleId :

PB84854BL

Tgt Ion:136 Resp: 86394

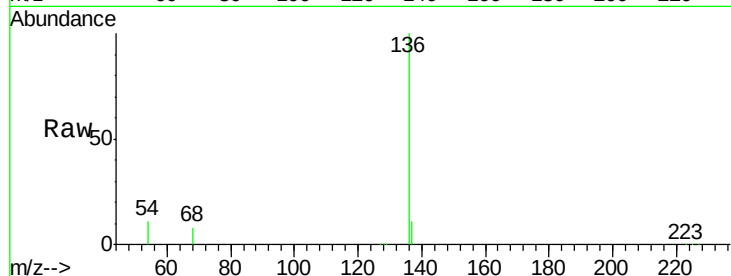
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 11.5 9.4 14.0

68 8.0 6.5 9.7

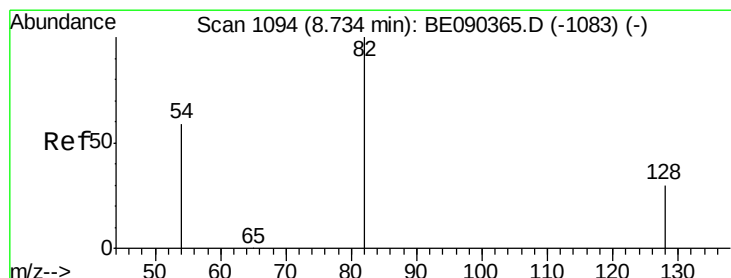
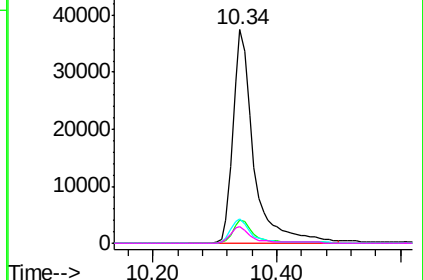
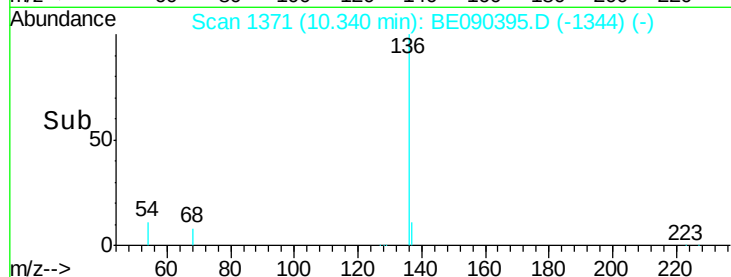


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.27 ng

RT: 8.73 min Scan# 1094

Delta R.T. 0.00 min

Lab File: BE090395.D

Acq: 7 Aug 2015 13:38

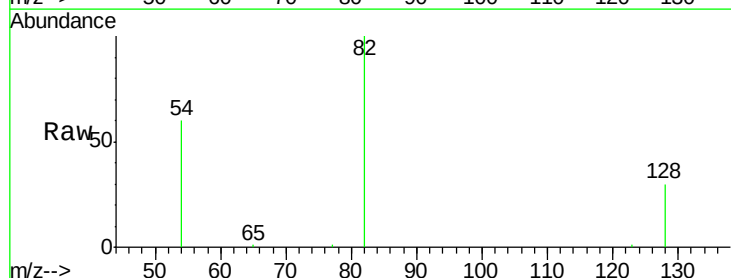
Tgt Ion: 82 Resp: 22521

Ion Ratio Lower Upper

82 100

128 30.4 25.0 37.6

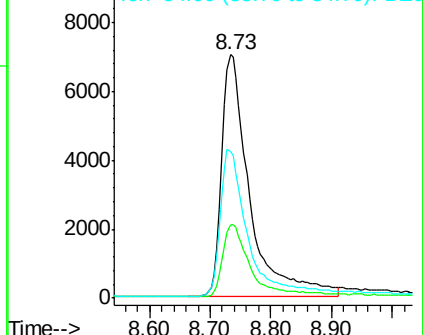
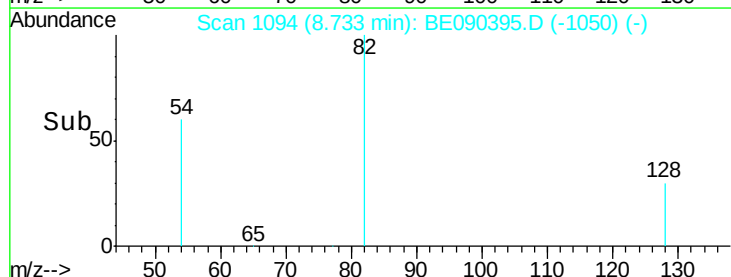
54 60.1 48.8 73.2

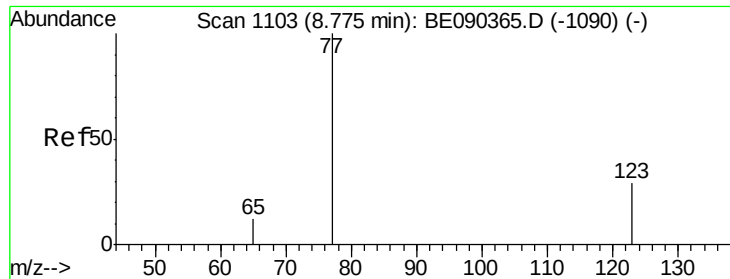


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#8

Nitrobenzene

Concen: 0.21 ng

RT: 8.79 min Scan# 1107

Delta R.T. 0.02 min

Lab File: BE090395.D

Acq: 7 Aug 2015 13:38

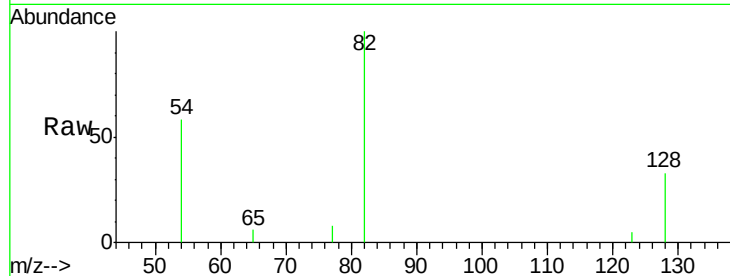
Instrument :

BNA_E

ClientSampleId :

PB84854BL

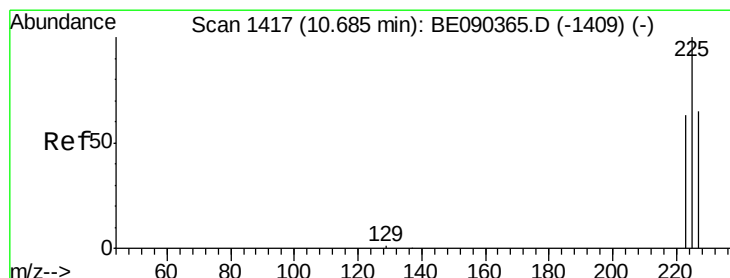
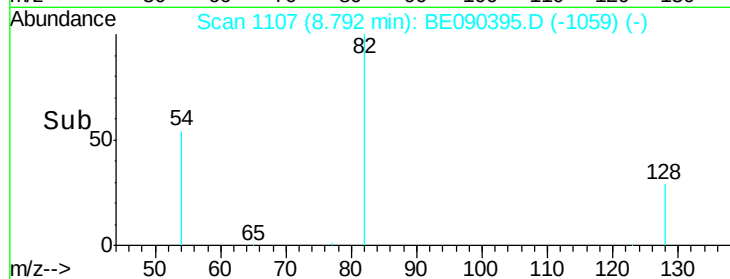
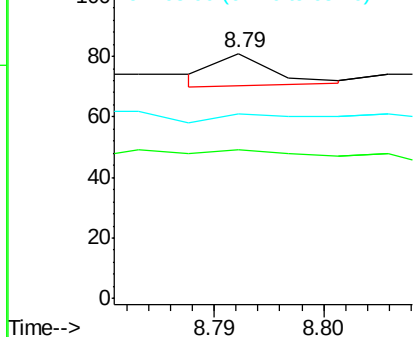
Tgt Ion:	77	Resp:	4
Ion	Ratio	Lower	Upper
77	100		
123	0.0	25.1	37.7#
65	0.0	9.3	13.9#



Abundance Ion 77.00 (76.70 to 77.70): BE090365.D (-1090) (-)

Ion 123.00 (122.70 to 123.70): BE090365.D (-1090) (-)

Ion 65.00 (64.70 to 65.70): BE090365.D (-1090) (-)



#10

Hexachlorobutadiene

Concen: Below Cal

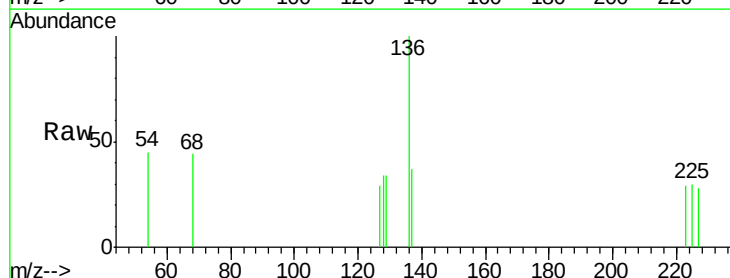
RT: 10.66 min Scan# 1413

Delta R.T. -0.03 min

Lab File: BE090395.D

Acq: 7 Aug 2015 13:38

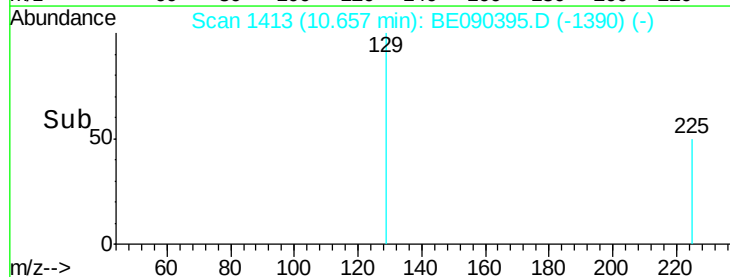
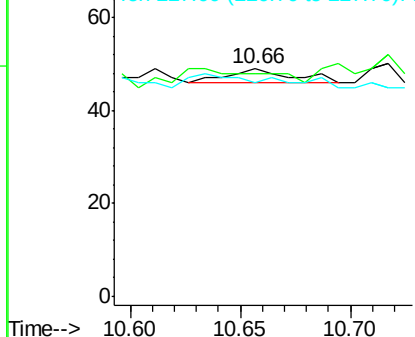
Tgt Ion:	225	Resp:	6
Ion	Ratio	Lower	Upper
225	100		
223	0.0	50.6	75.8#
227	0.0	50.7	76.1#

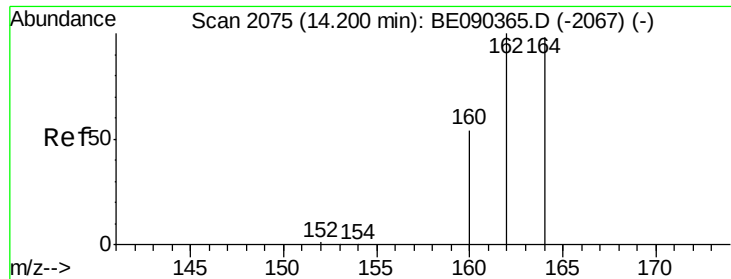


Abundance Ion 225.00 (224.70 to 225.70): BE090365.D (-1409) (-)

Ion 223.00 (222.70 to 223.70): BE090365.D (-1409) (-)

Ion 227.00 (226.70 to 227.70): BE090365.D (-1409) (-)





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.20 min Scan# 2075

Delta R.T. -0.00 min

Lab File: BE090395.D

Acq: 7 Aug 2015 13:38

Instrument :

BNA_E

ClientSampleId :

PB84854BL

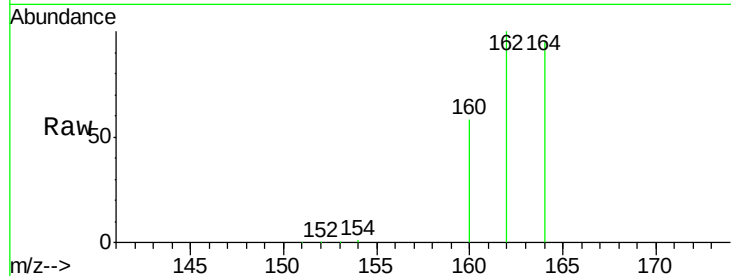
Tgt Ion:164 Resp: 48859

Ion Ratio Lower Upper

164 100

162 105.7 81.8 122.8

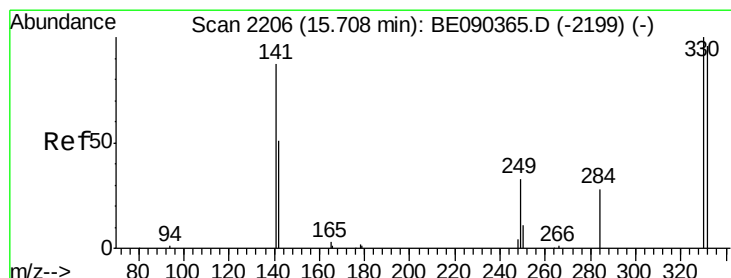
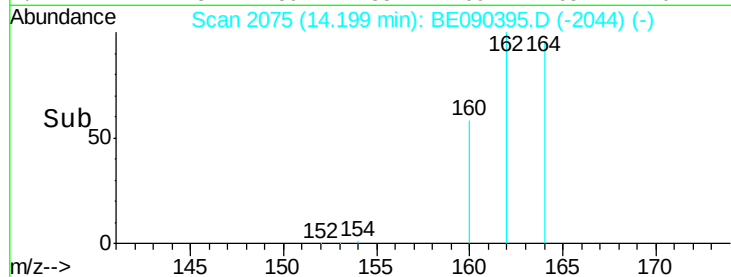
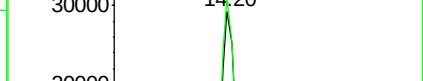
160 61.8 44.2 66.4



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: 4.39 ng

RT: 15.71 min Scan# 2207

Delta R.T. 0.00 min

Lab File: BE090395.D

Acq: 7 Aug 2015 13:38

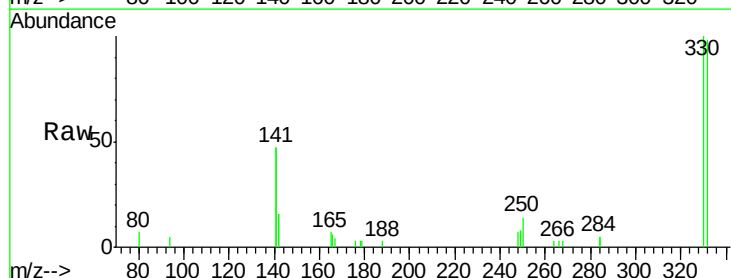
Tgt Ion:330 Resp: 5115

Ion Ratio Lower Upper

330 100

332 95.6 75.8 113.6

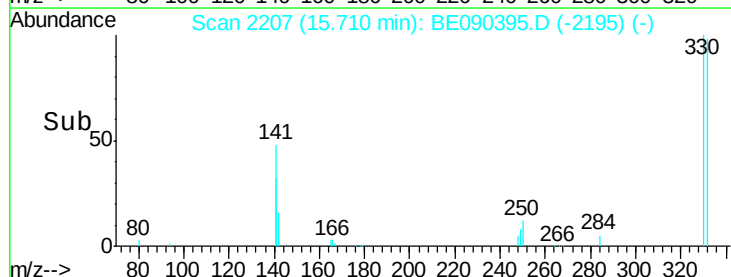
141 173.6 114.4 171.6#

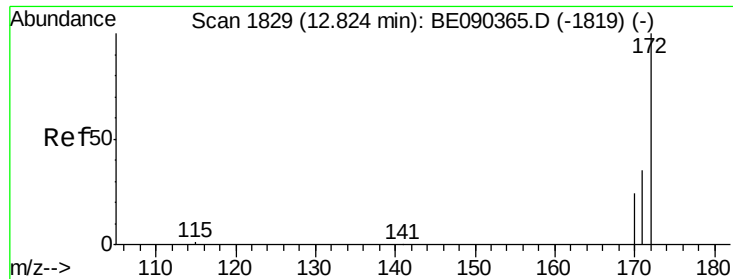


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

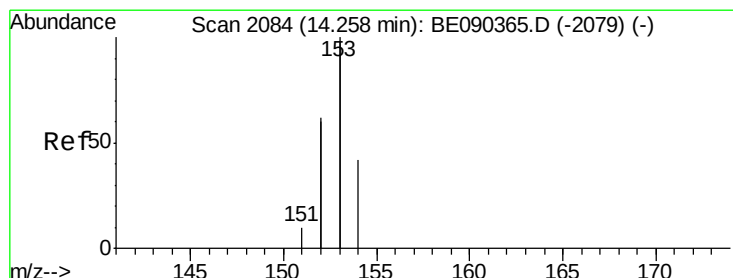
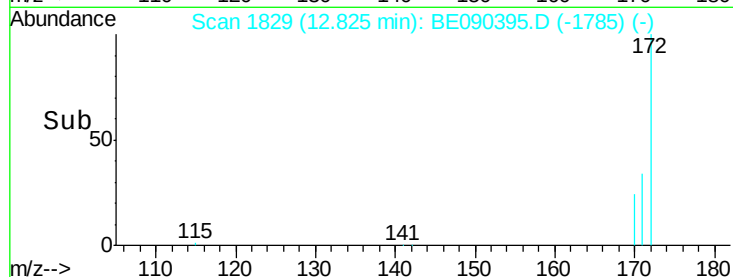
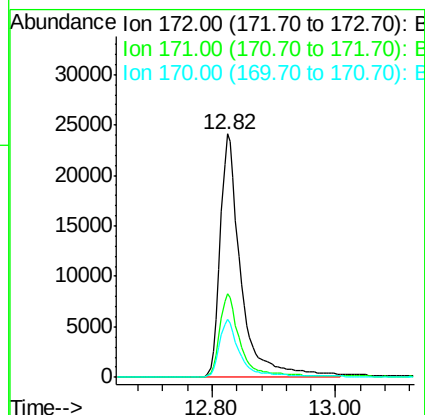
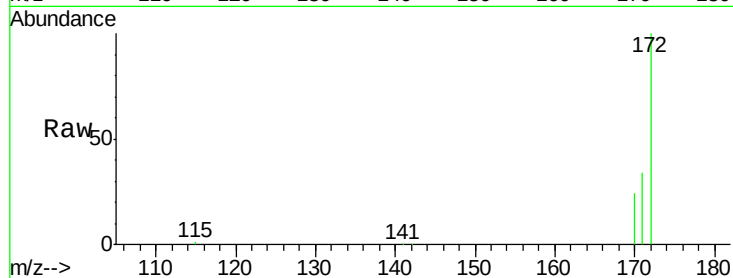




#14
2-Fluorobiphenyl
Concen: 4.17 ng
RT: 12.82 min Scan# 1829
Delta R.T. 0.00 min
Lab File: BE090395.D
Acq: 7 Aug 2015 13:38

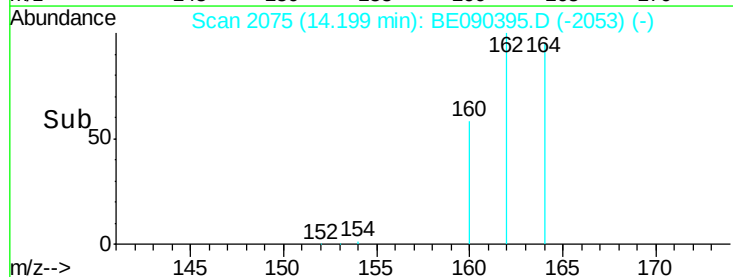
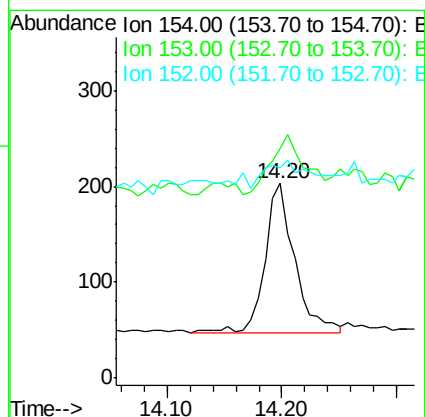
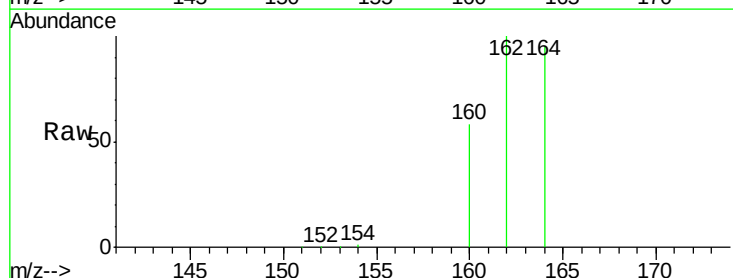
Instrument :
BNA_E
ClientSampleId :
PB84854BL

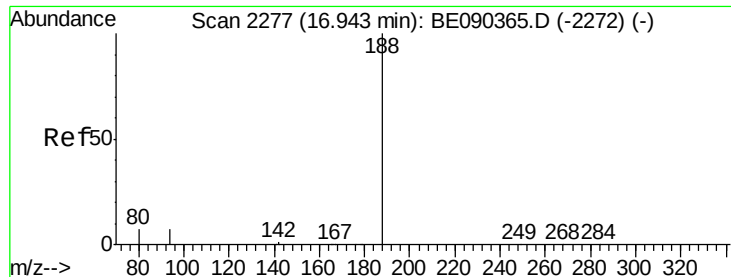
Tgt Ion:172 Resp: 56028
Ion Ratio Lower Upper
172 100
171 34.3 28.5 42.7
170 23.9 19.8 29.8



#16
Acenaphthene
Concen: 0.02 ng
RT: 14.20 min Scan# 2075
Delta R.T. -0.06 min
Lab File: BE090395.D
Acq: 7 Aug 2015 13:38

Tgt Ion:154 Resp: 283
Ion Ratio Lower Upper
154 100
153 44.9 376.2 564.2#
152 26.5 235.0 352.4#

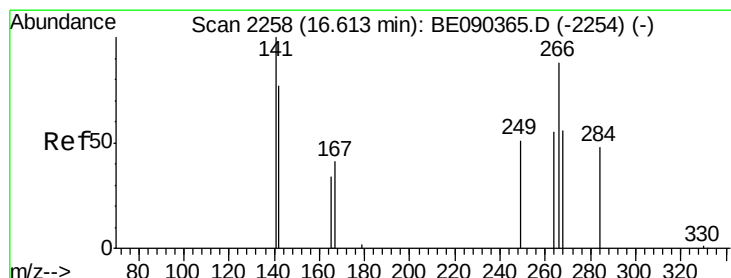
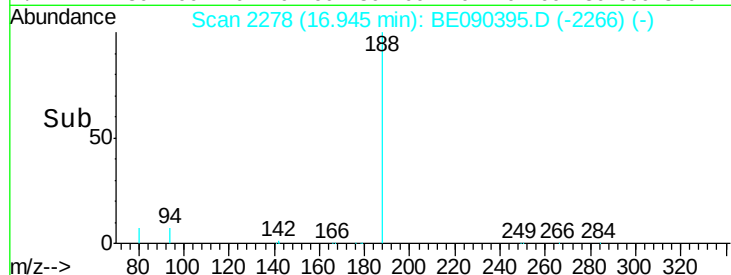
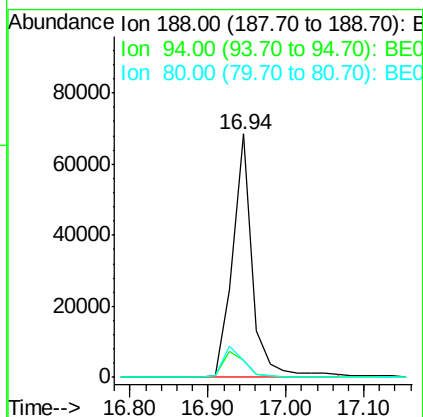
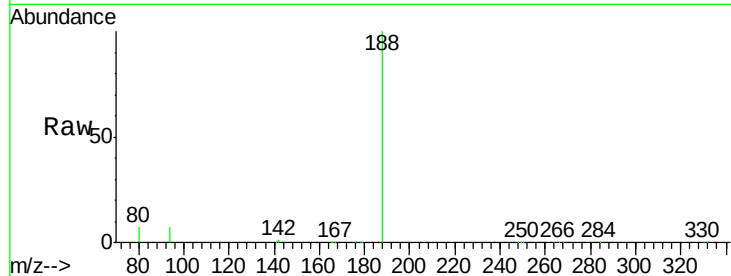




#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 2278
Delta R.T. 0.00 min
Lab File: BE090395.D
Acq: 7 Aug 2015 13:38

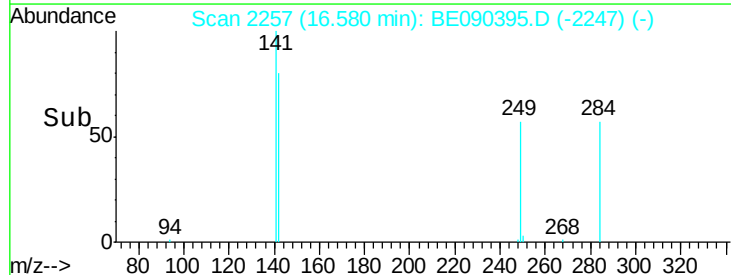
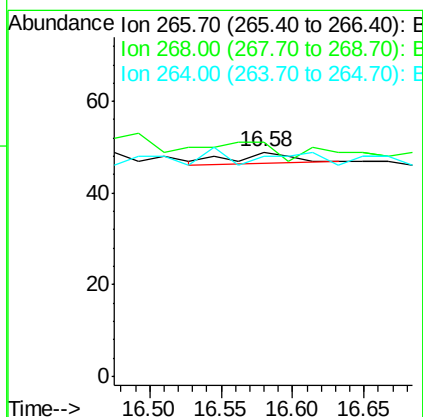
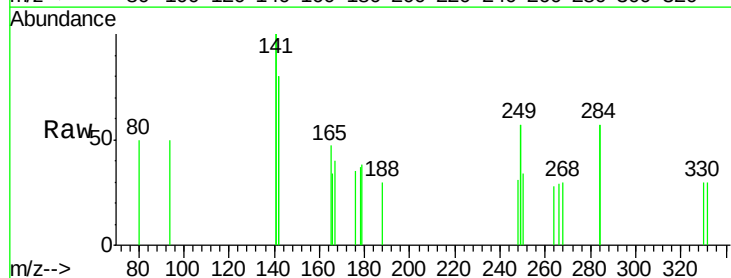
Instrument :
BNA_E
ClientSampleId :
PB84854BL

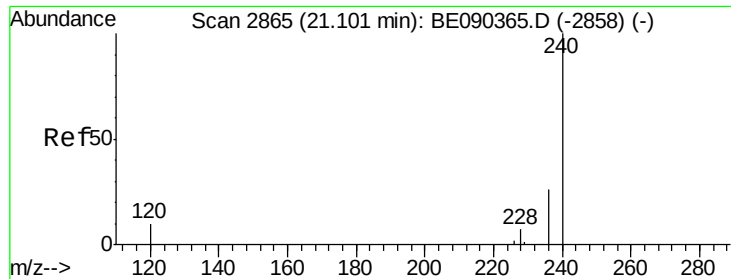
Tgt Ion:188 Resp: 120867
Ion Ratio Lower Upper
188 100
94 7.0 5.7 8.5
80 7.3 5.8 8.8



#21
Pentachlorophenol
Concen: 0.10 ng
RT: 16.58 min Scan# 2257
Delta R.T. -0.03 min
Lab File: BE090395.D
Acq: 7 Aug 2015 13:38

Tgt Ion:266 Resp: 7
Ion Ratio Lower Upper
266 100
268 104.1 58.5 87.7#
264 98.0 56.0 84.0#

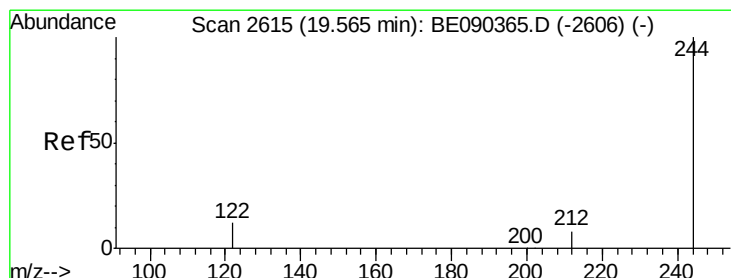
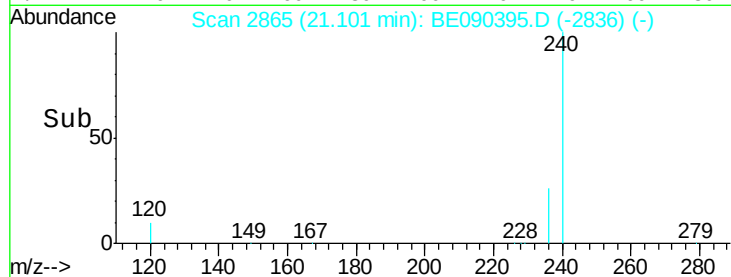
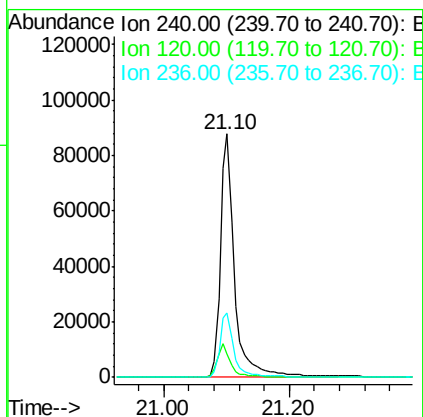
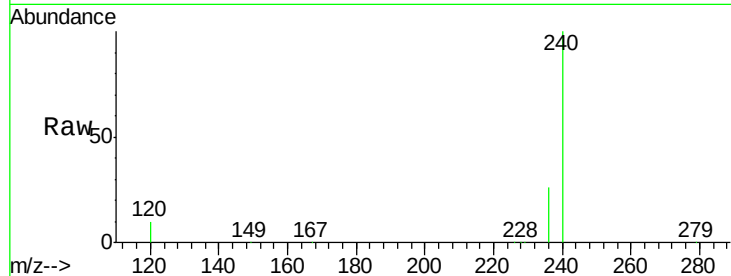




#25
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.10 min Scan# 2865
 Delta R.T. -0.00 min
 Lab File: BE090395.D
 Acq: 7 Aug 2015 13:38

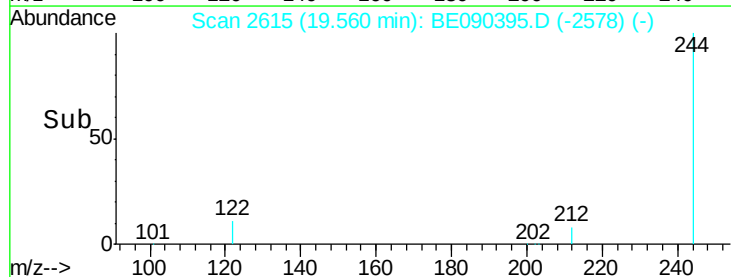
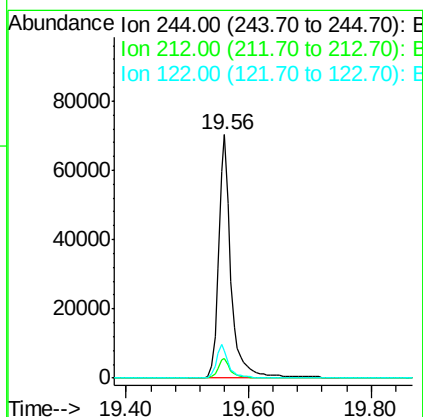
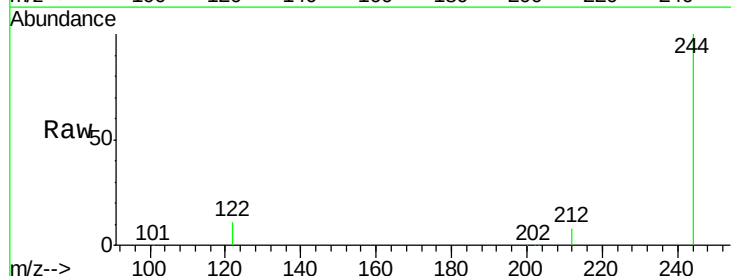
Instrument :
 BNA_E
 ClientSampleId :
 PB84854BL

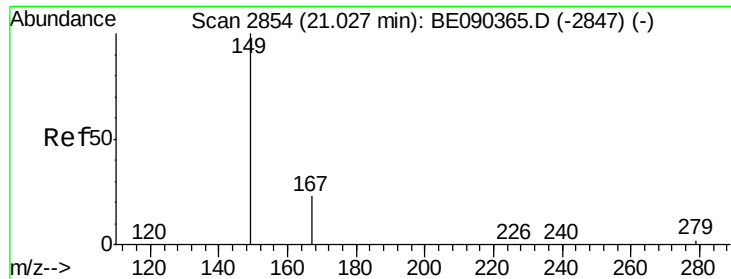
Tgt Ion:240 Resp: 136215
 Ion Ratio Lower Upper
 240 100
 120 9.8 8.3 12.5
 236 26.4 21.0 31.4



#27
 Terphenyl-d14
 Concen: 4.92 ng
 RT: 19.56 min Scan# 2615
 Delta R.T. -0.00 min
 Lab File: BE090395.D
 Acq: 7 Aug 2015 13:38

Tgt Ion:244 Resp: 98800
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.6 9.8
 122 11.3 10.2 15.4





#30

Bis(2-ethylhexyl)phthalate

Concen: 0.11 ng

RT: 21.03 min Scan# 2855

Delta R.T. 0.01 min

Lab File: BE090395.D

Acq: 7 Aug 2015 13:38

Instrument :

BNA_E

ClientSampleId :

PB84854BL

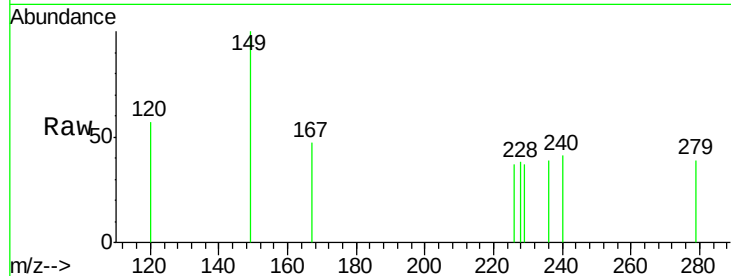
Tgt Ion:149 Resp: 44

Ion Ratio Lower Upper

149 100

167 25.0 19.8 29.8

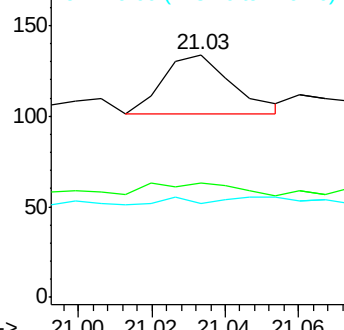
279 4.5 2.4 3.6#



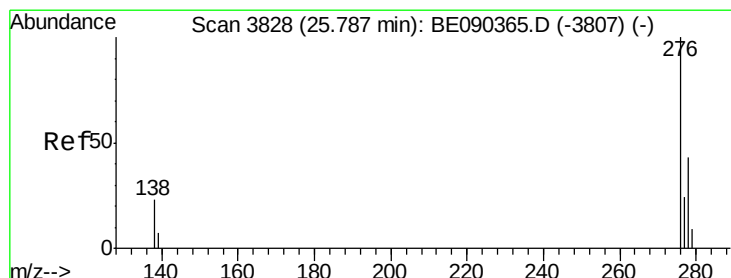
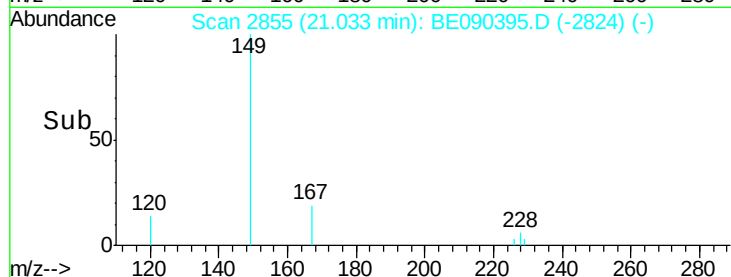
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#31

Indeno(1,2,3-cd)pyrene

Concen: 0.25 ng

RT: 25.81 min Scan# 3834

Delta R.T. 0.02 min

Lab File: BE090395.D

Acq: 7 Aug 2015 13:38

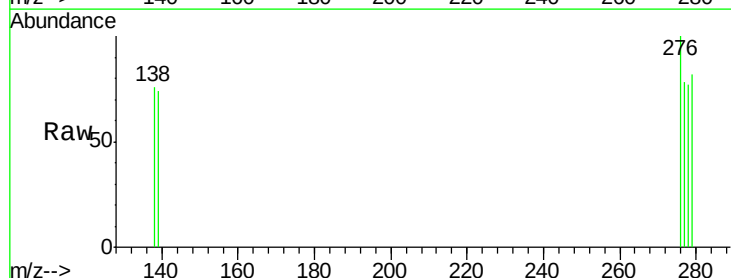
Tgt Ion:276 Resp: 36

Ion Ratio Lower Upper

276 100

138 25.0 18.8 28.2

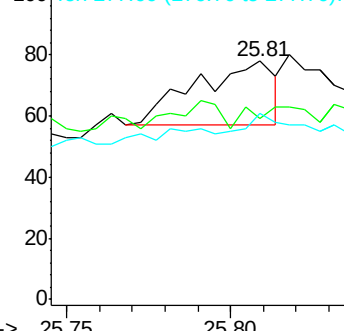
277 36.1 18.2 27.4#



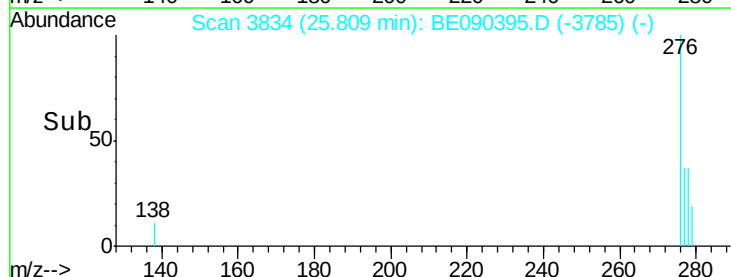
Abundance Ion 276.00 (275.70 to 276.70): E

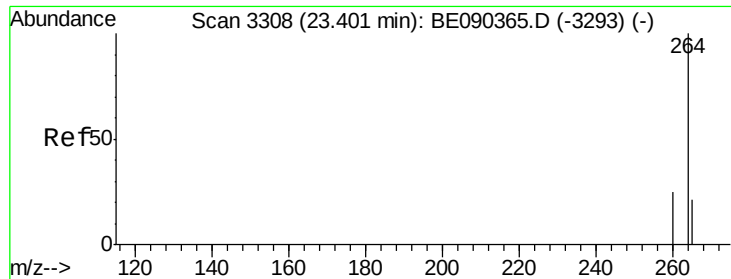
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



Time-->

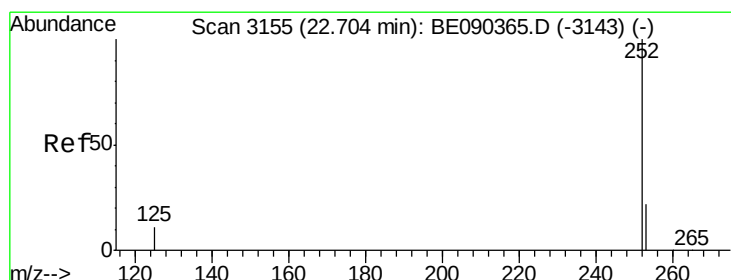
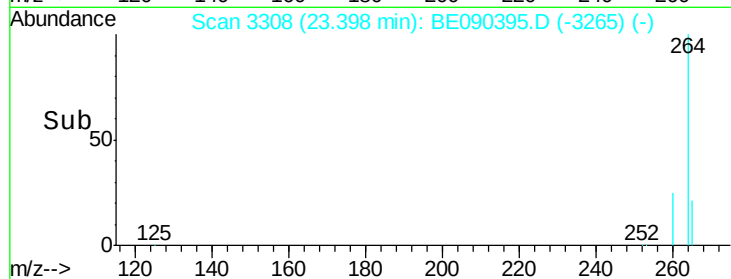
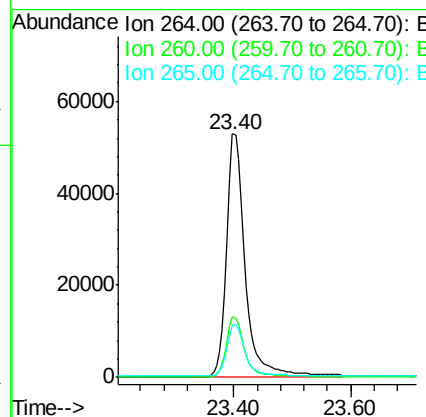
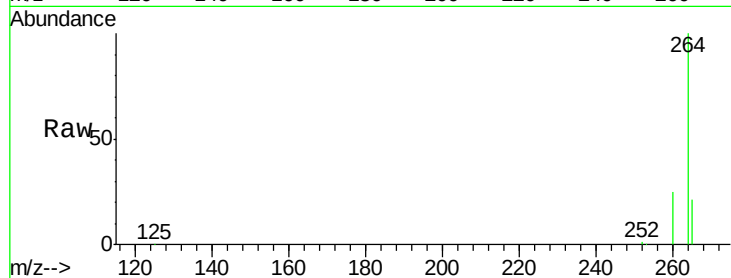




#32
Perylene-d12
 Concen: 5.00 ng
 RT: 23.40 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: BE090395.D
 Acq: 7 Aug 2015 13:38

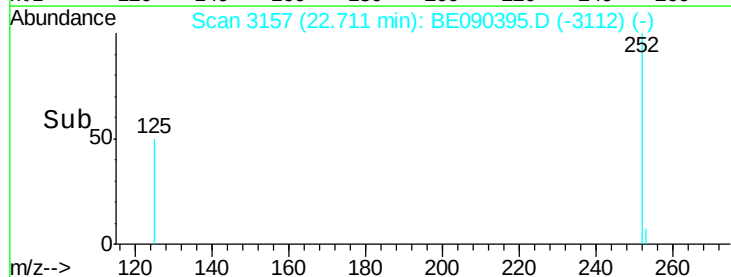
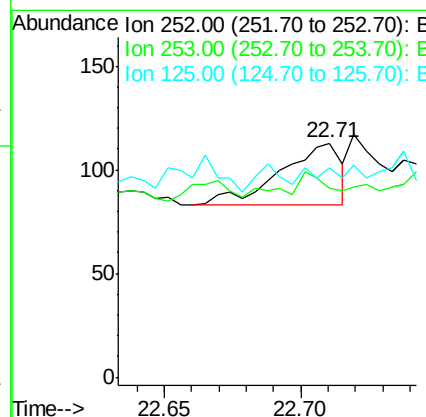
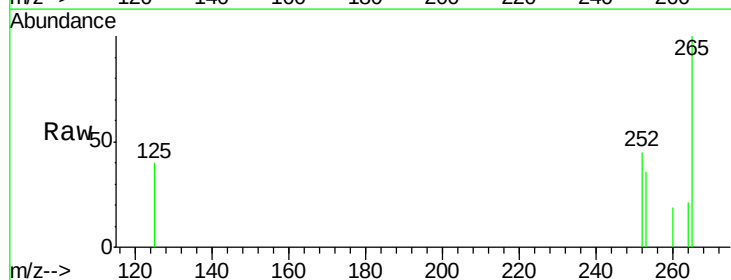
Instrument :
 BNA_E
 ClientSampleId :
 PB84854BL

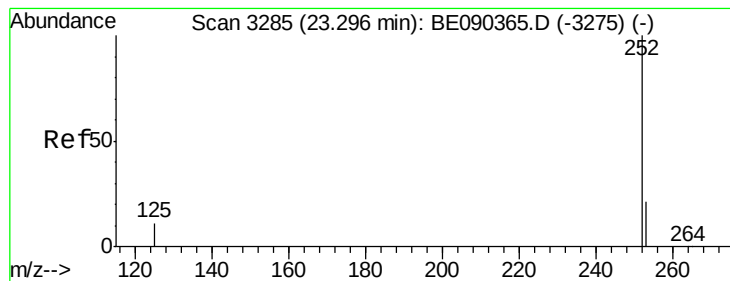
Tgt Ion: 264 Resp: 115960
 Ion Ratio Lower Upper
 264 100
 260 24.8 20.1 30.1
 265 21.4 17.2 25.8



#33
Benzo(b)fluoranthene
 Concen: 0.19 ng
 RT: 22.71 min Scan# 3157
 Delta R.T. 0.01 min
 Lab File: BE090395.D
 Acq: 7 Aug 2015 13:38

Tgt Ion: 252 Resp: 46
 Ion Ratio Lower Upper
 252 100
 253 80.5 18.1 27.1#
 125 89.4 9.4 14.2#





#35

Benzo(a)pyrene

Concen: 0.23 ng

RT: 23.30 min Scan# 3286

Delta R.T. 0.00 min

Lab File: BE090395.D

Acq: 7 Aug 2015 13:38

Instrument :

BNA_E

ClientSampleId :

PB84854BL

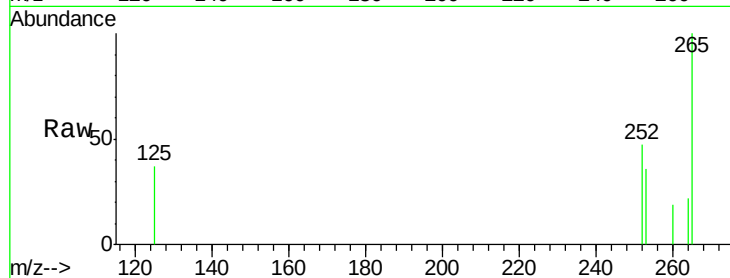
Tgt Ion: 252 Resp: 93

Ion Ratio Lower Upper

252 100

253 77.3 17.6 26.4#

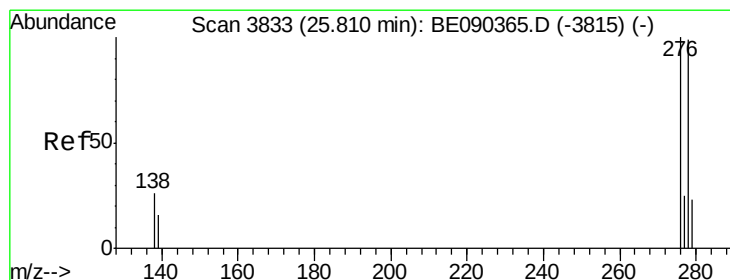
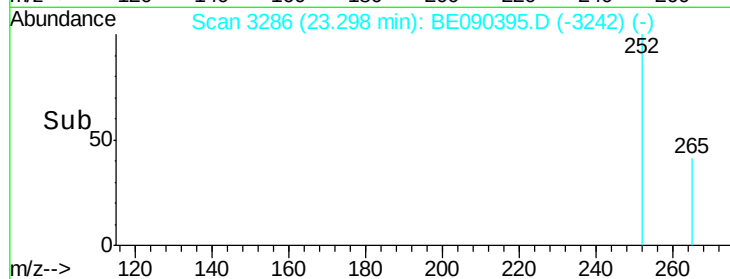
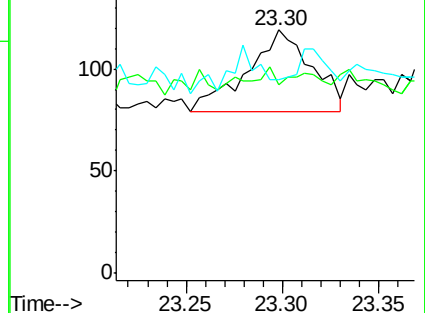
125 79.8 9.8 14.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Dibenzo(a,h)anthracene

Concen: 0.28 ng

RT: 25.79 min Scan# 3829

Delta R.T. -0.02 min

Lab File: BE090395.D

Acq: 7 Aug 2015 13:38

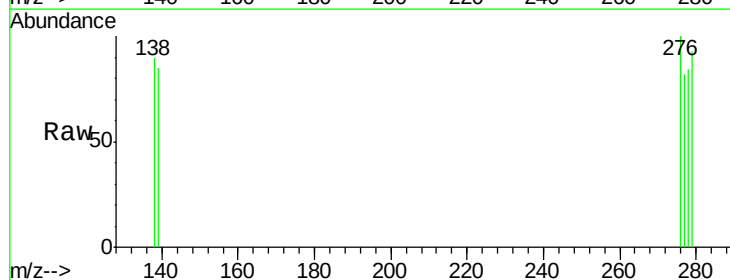
Tgt Ion: 278 Resp: 7

Ion Ratio Lower Upper

278 100

139 101.8 14.2 21.4#

279 110.7 20.1 30.1#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

