

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081115\
 Data File : BE090441.D
 Acq On : 11 Aug 2015 23:01
 Operator : UM/IZ
 Sample : G3135-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 081015-D506-F-U-B

Quant Time: Aug 12 04:15:46 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	21572	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	98351	5.00	ng	0.00
12) Acenaphthene-d10	14.20	164	57665	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	138136	5.00	ng	0.00
25) Chrysene-d12	21.09	240	158029	5.00	ng	0.00
32) Perylene-d12	23.40	264	143120	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.22	112	17561	5.43	ng	0.00
5) Phenol-d6	6.77	99	16885	2.58	ng	0.00
7) Nitrobenzene-d5	8.73	82	28570	3.63	ng	0.00
13) 2,4,6-Tribromophenol	15.71	330	17540	9.25	ng	0.00
14) 2-Fluorobiphenyl	12.82	172	68224	4.30	ng	0.00
27) Terphenyl-d14	19.55	244	123994	5.33	ng	-0.01

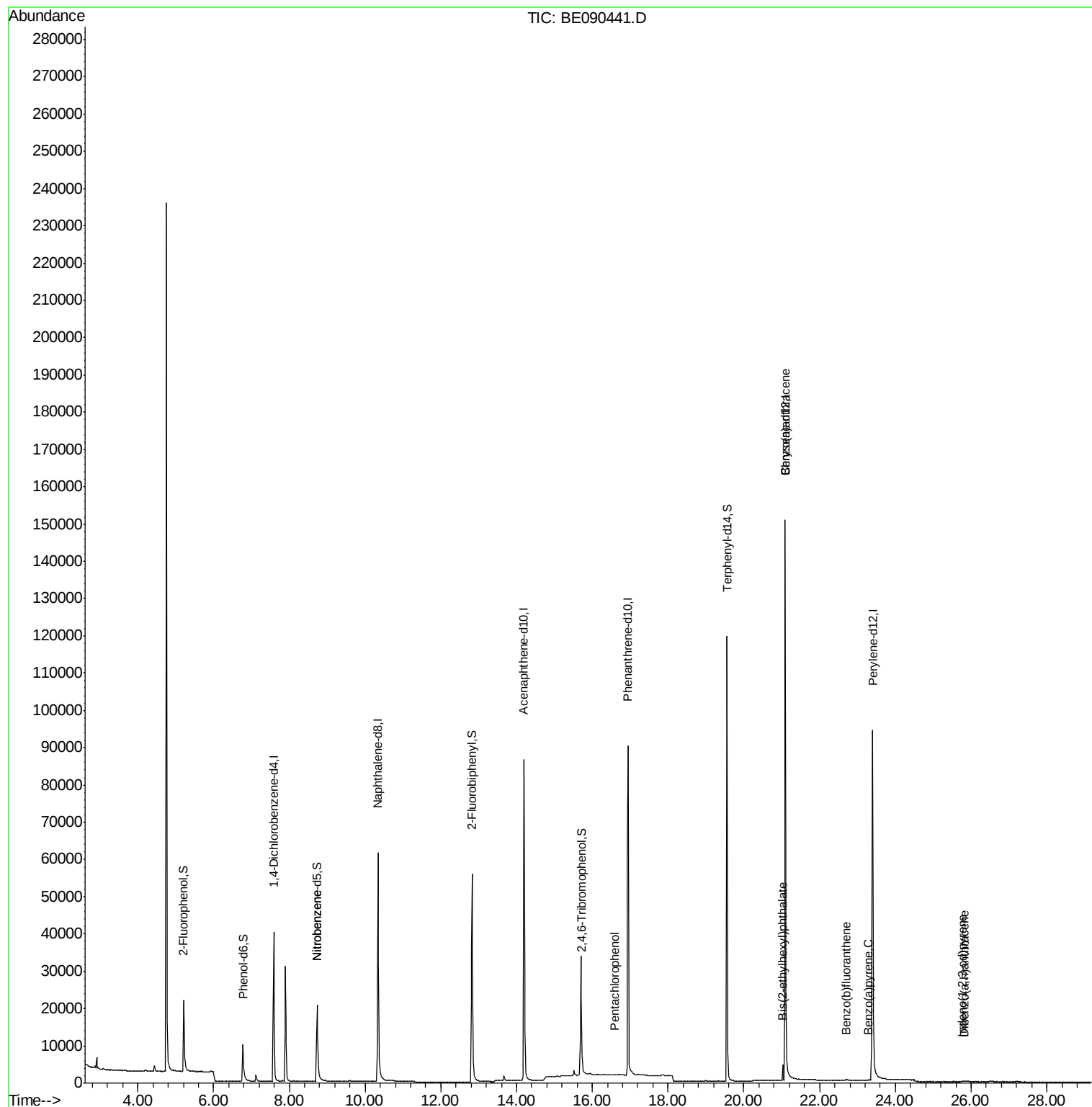
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.30	88	69	Below Cal	#	1
8) Nitrobenzene	8.72	77	99	0.22	ng	48
10) Hexachlorobutadiene	10.68	225	1	Below Cal	#	1
21) Pentachlorophenol	16.60	266	18	0.11	ng	68
28) Benzo(a)anthracene	21.09	228	744	0.02	ng	80
30) Bis(2-ethylhexyl)phthalate	21.03	149	3657	0.53	ng	100
31) Indeno(1,2,3-cd)pyrene	25.78	276	227	0.26	ng	81
33) Benzo(b)fluoranthene	22.71	252	192	0.20	ng	1
35) Benzo(a)pyrene	23.30	252	122	0.23	ng	1
36) Dibenzo(a,h)anthracene	25.82	278	135	0.29	ng	1

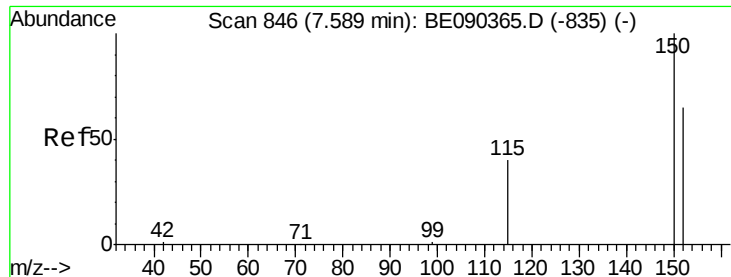
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081115\
Data File : BE090441.D
Acq On : 11 Aug 2015 23:01
Operator : UM/IZ
Sample : G3135-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
081015-D506-F-U-B

Quant Time: Aug 12 04:15:46 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. -0.00 min

Lab File: BE090441.D

Acq: 11 Aug 2015 23:01

Instrument :

BNA_E

ClientSampleId :

081015-D506-F-U-B

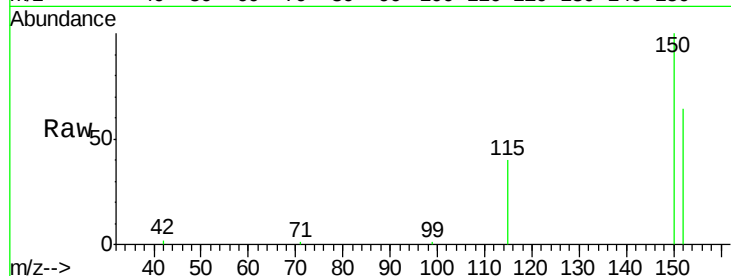
Tgt Ion:152 Resp: 21572

Ion Ratio Lower Upper

152 100

150 156.1 123.0 184.4

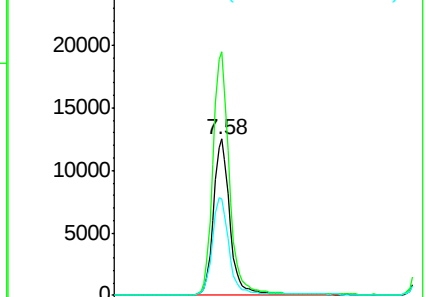
115 62.2 48.9 73.3



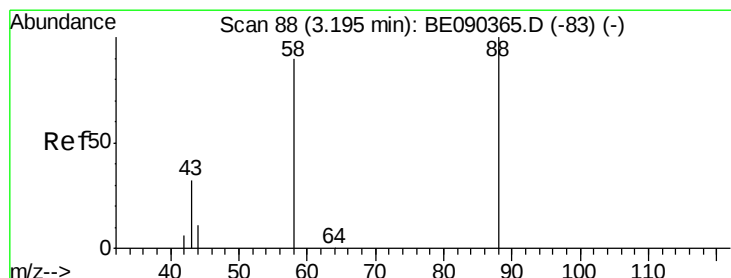
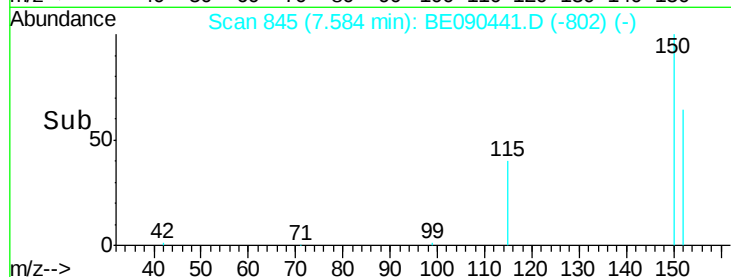
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#2

1,4-Dioxane

Concen: Below Cal

RT: 3.30 min Scan# 103

Delta R.T. 0.10 min

Lab File: BE090441.D

Acq: 11 Aug 2015 23:01

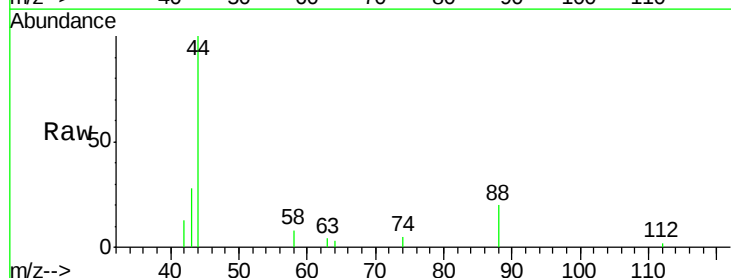
Tgt Ion: 88 Resp: 69

Ion Ratio Lower Upper

88 100

58 0.0 70.0 105.0#

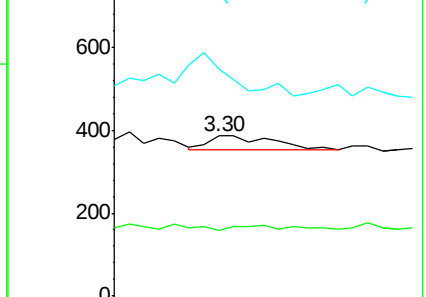
43 213.0 28.4 42.6#



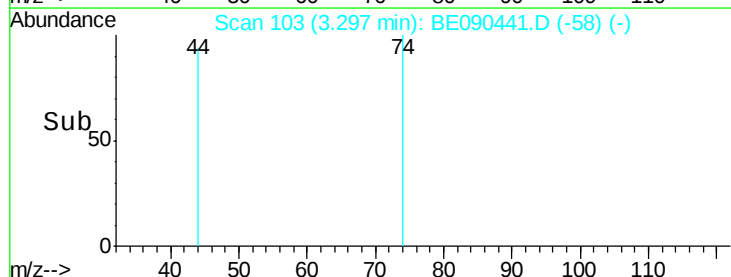
Abundance Ion 88.00 (87.70 to 88.70): BE0

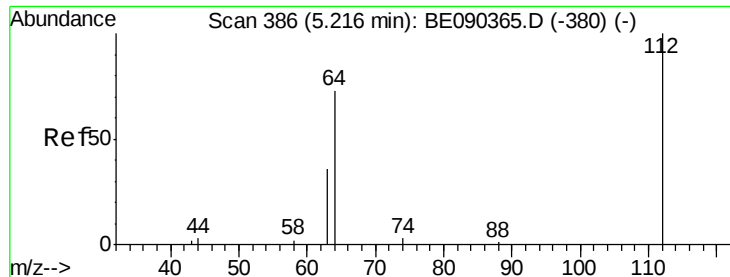
Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



Time-->





#4

2-Fluorophenol

Concen: 5.43 ng

RT: 5.22 min Scan# 386

Delta R.T. -0.00 min

Lab File: BE090441.D

Acq: 11 Aug 2015 23:01

Instrument :

BNA_E

ClientSampleId :

081015-D506-F-U-B

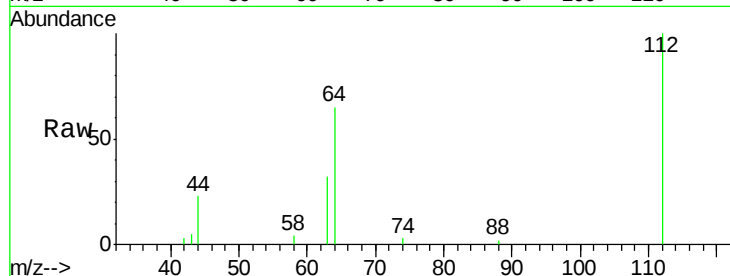
Tgt Ion: 112 Resp: 17561

Ion Ratio Lower Upper

112 100

64 70.6 37.1 55.7#

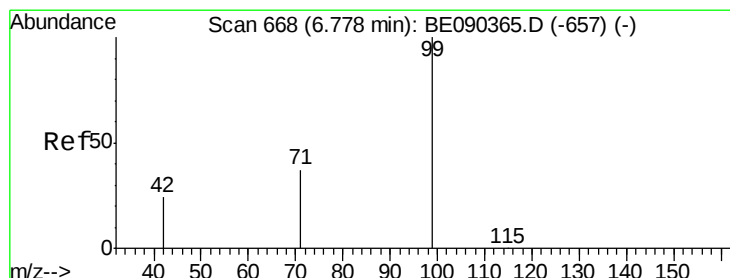
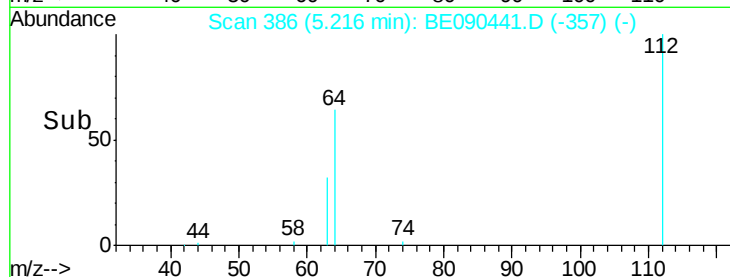
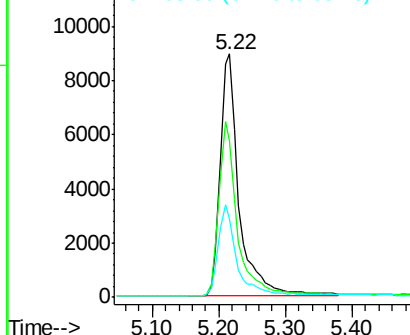
63 36.2 19.5 29.3#



Abundance Ion 112.00 (111.70 to 112.70): BE090441.D (-357) (-)

Ion 64.00 (63.70 to 64.70): BE090441.D (-357) (-)

Ion 63.00 (62.70 to 63.70): BE090441.D (-357) (-)



#5

Phenol-d6

Concen: 2.58 ng

RT: 6.77 min Scan# 666

Delta R.T. -0.01 min

Lab File: BE090441.D

Acq: 11 Aug 2015 23:01

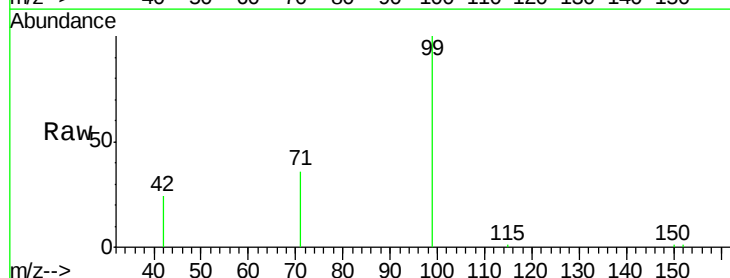
Tgt Ion: 99 Resp: 16885

Ion Ratio Lower Upper

99 100

42 21.7 18.2 27.4

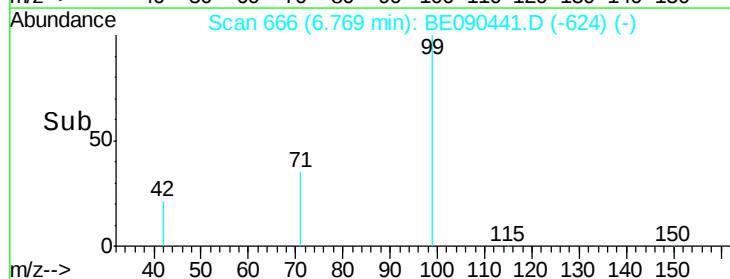
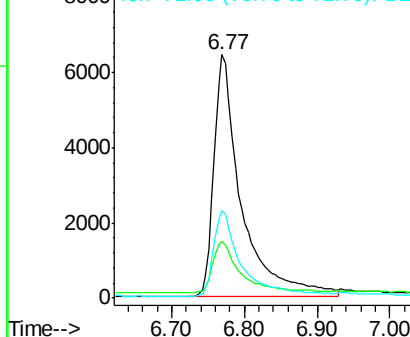
71 35.5 27.4 41.0

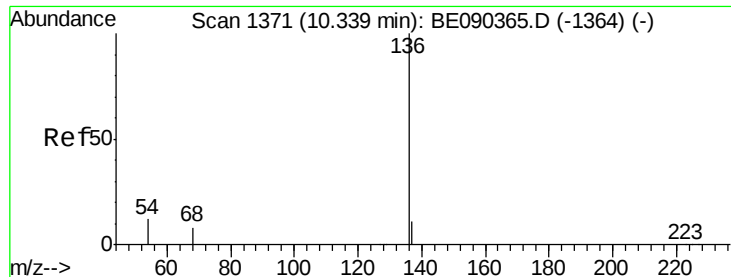


Abundance Ion 99.00 (98.70 to 99.70): BE090441.D (-624) (-)

Ion 42.00 (41.70 to 42.70): BE090441.D (-624) (-)

Ion 71.00 (70.70 to 71.70): BE090441.D (-624) (-)





#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.34 min Scan# 1371

Delta R.T. 0.00 min

Lab File: BE090441.D

Acq: 11 Aug 2015 23:01

Instrument :

BNA_E

ClientSampleId :

081015-D506-F-U-B

Tgt Ion:136 Resp: 98351

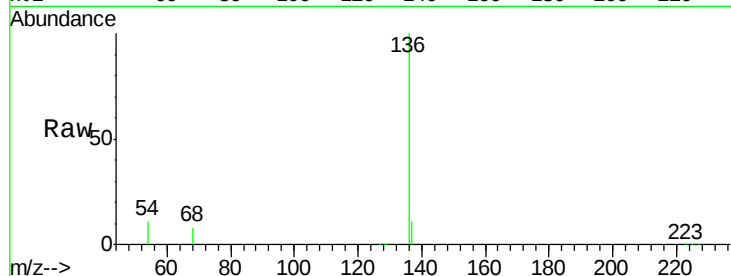
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 11.3 9.4 14.0

68 8.3 6.5 9.7

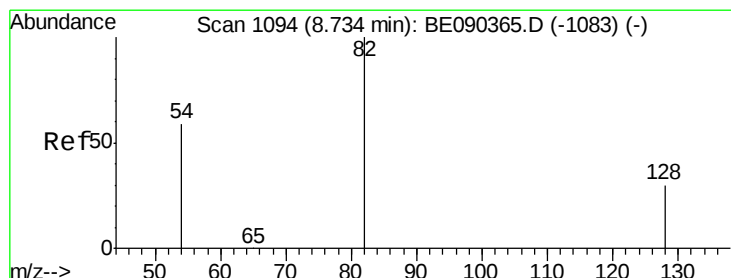
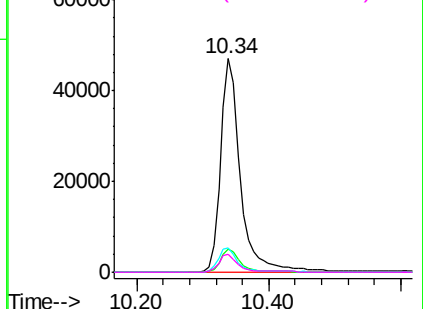
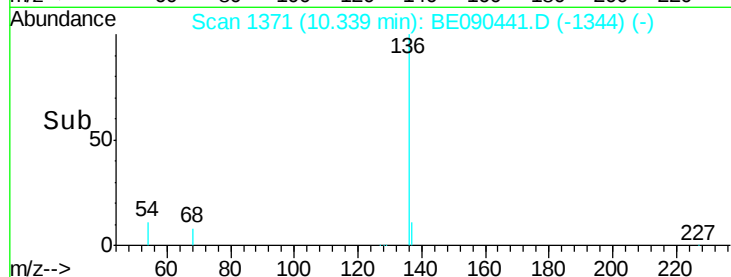


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.63 ng

RT: 8.73 min Scan# 1093

Delta R.T. -0.00 min

Lab File: BE090441.D

Acq: 11 Aug 2015 23:01

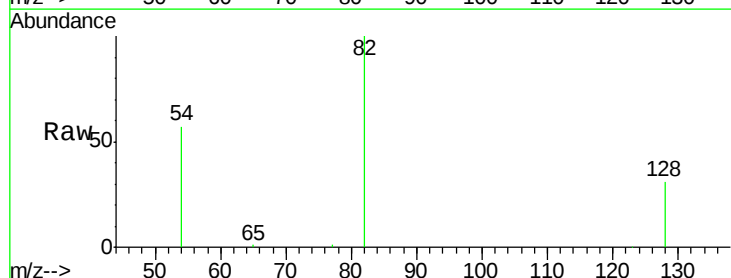
Tgt Ion: 82 Resp: 28570

Ion Ratio Lower Upper

82 100

128 30.9 25.0 37.6

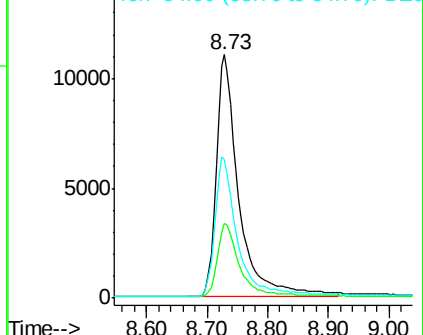
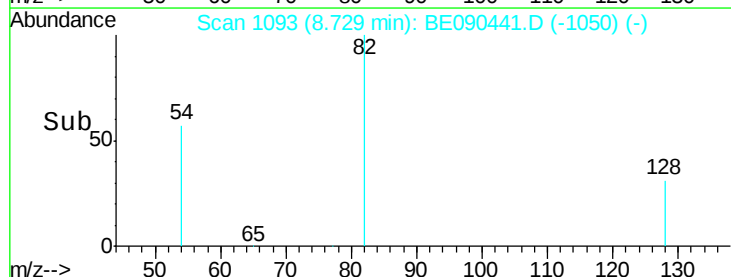
54 57.0 48.8 73.2

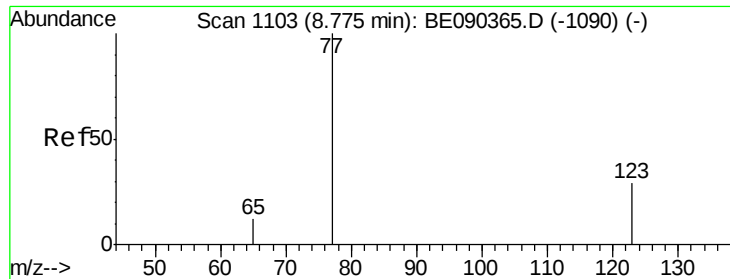


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#8

Nitrobenzene

Concen: 0.22 ng

RT: 8.72 min Scan# 1092

Delta R.T. -0.05 min

Lab File: BE090441.D

Acq: 11 Aug 2015 23:01

Instrument :

BNA_E

ClientSampleId :

081015-D506-F-U-B

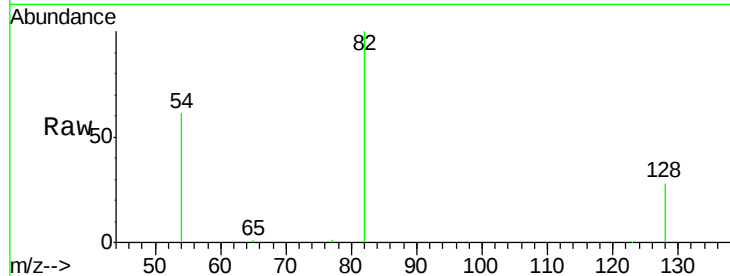
Tgt Ion: 77 Resp: 99

Ion Ratio Lower Upper

77 100

123 0.0 25.1 37.7#

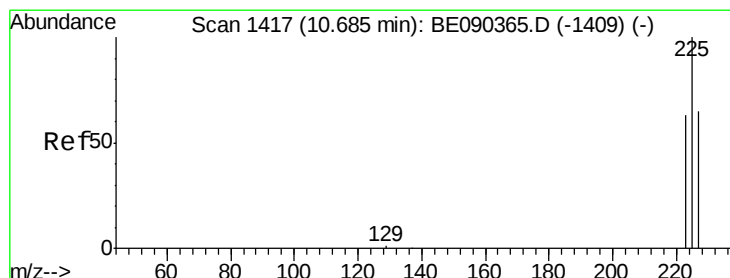
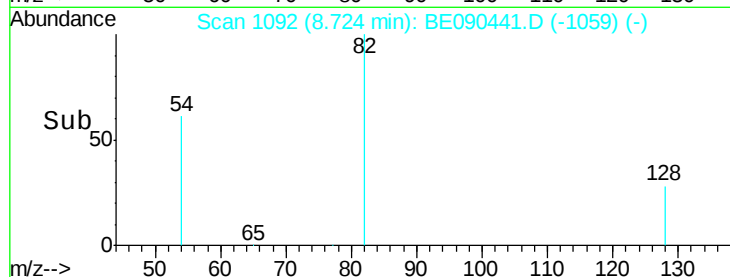
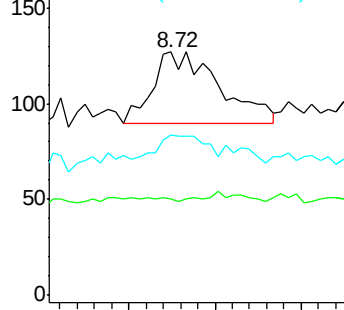
65 26.3 9.3 13.9#



Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0



#10

Hexachlorobutadiene

Concen: Below Cal

RT: 10.68 min Scan# 1416

Delta R.T. -0.01 min

Lab File: BE090441.D

Acq: 11 Aug 2015 23:01

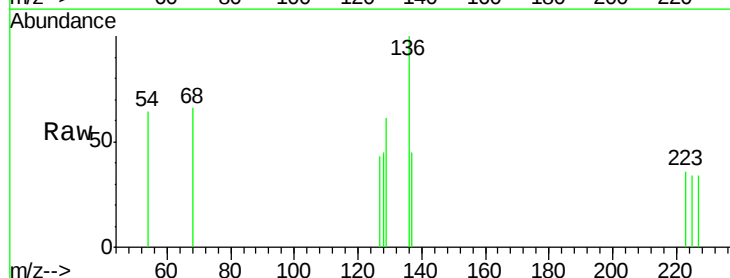
Tgt Ion: 225 Resp: 1

Ion Ratio Lower Upper

225 100

223 500.0 50.6 75.8#

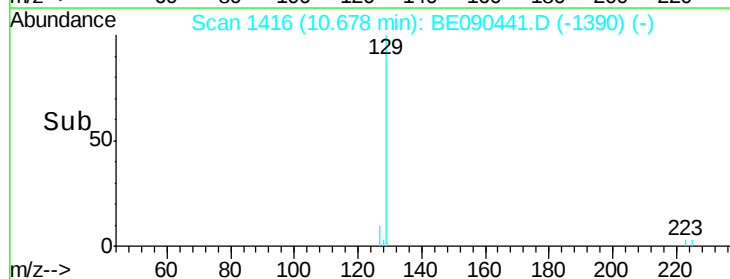
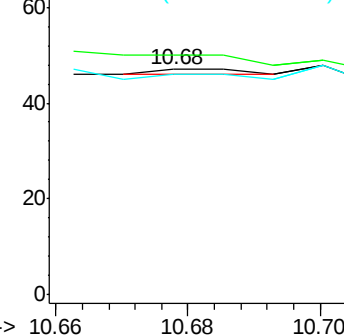
227 0.0 50.7 76.1#

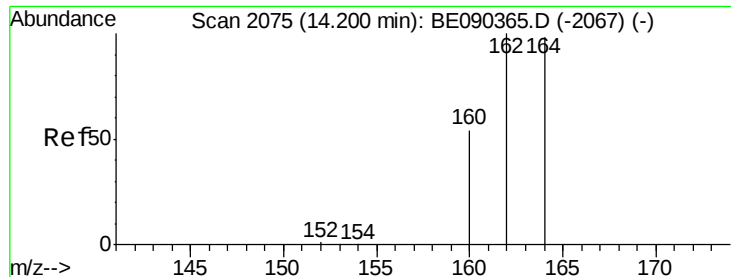


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.20 min Scan# 2075

Delta R.T. -0.00 min

Lab File: BE090441.D

Acq: 11 Aug 2015 23:01

Instrument :

BNA_E

ClientSampleId :

081015-D506-F-U-B

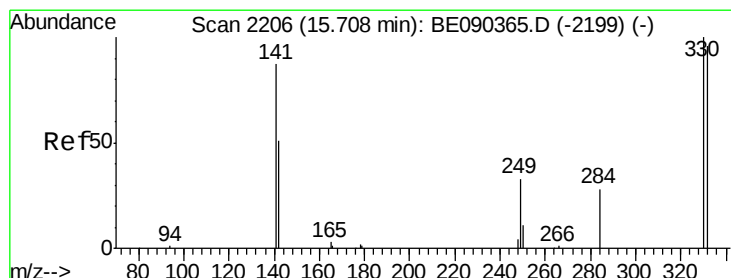
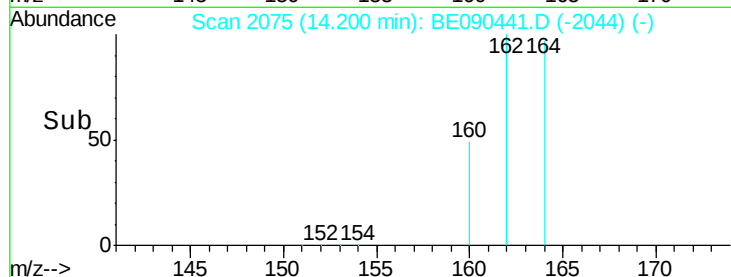
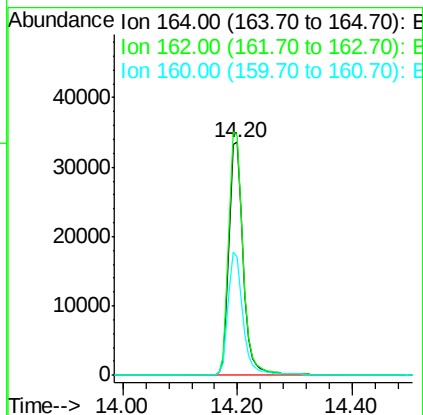
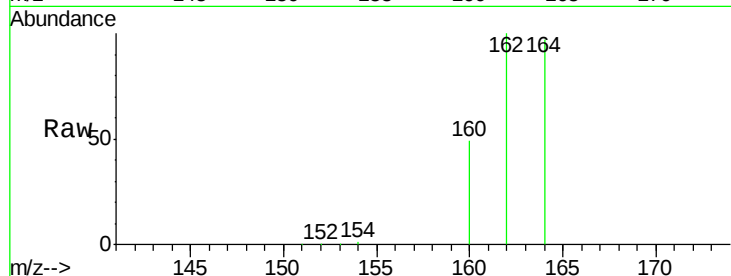
Tgt Ion:164 Resp: 57665

Ion Ratio Lower Upper

164 100

162 102.7 81.8 122.8

160 50.4 44.2 66.4



#13

2,4,6-Tribromophenol

Concen: 9.25 ng

RT: 15.71 min Scan# 2206

Delta R.T. 0.00 min

Lab File: BE090441.D

Acq: 11 Aug 2015 23:01

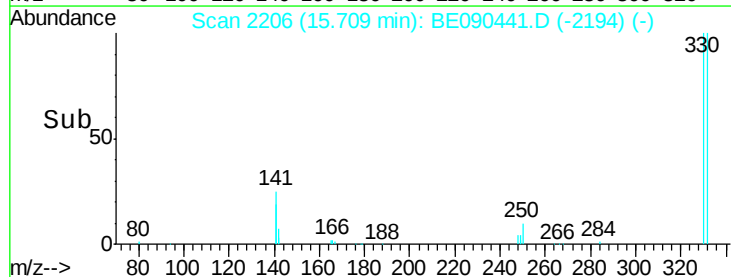
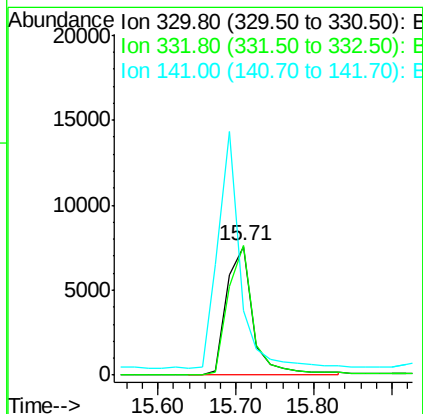
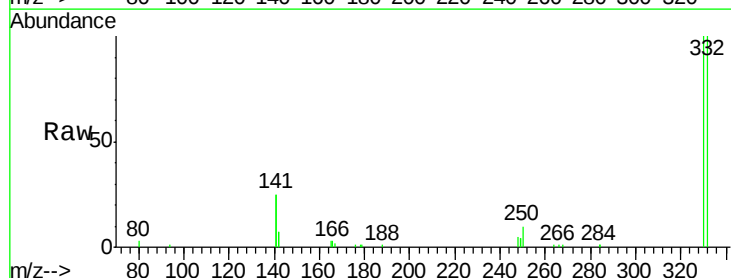
Tgt Ion:330 Resp: 17540

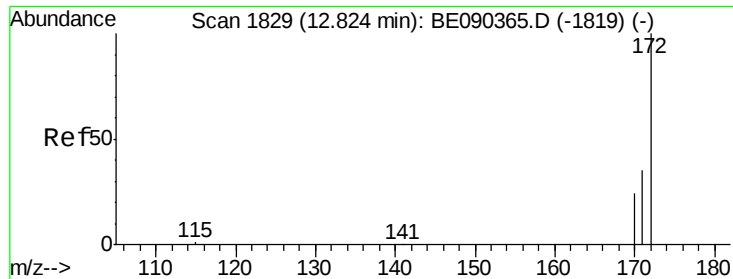
Ion Ratio Lower Upper

330 100

332 96.4 75.8 113.6

141 158.4 114.4 171.6

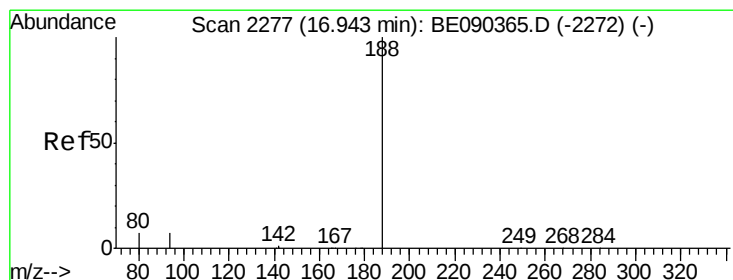
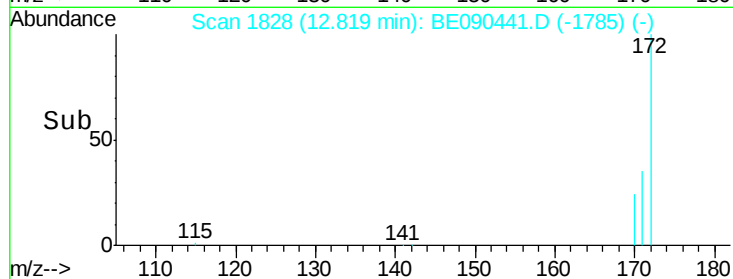
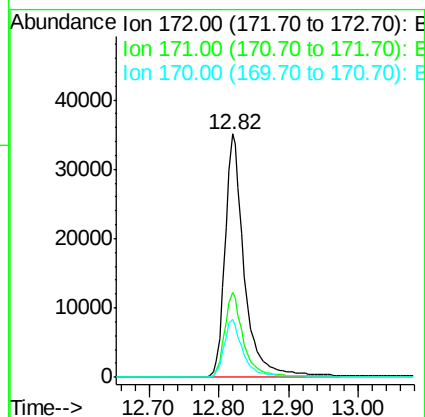
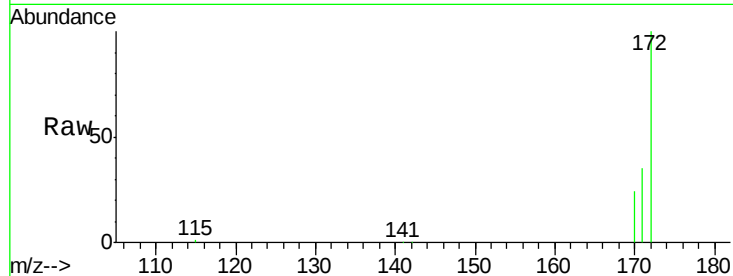




#14
2-Fluorobiphenyl
Concen: 4.30 ng
RT: 12.82 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BE090441.D
Acq: 11 Aug 2015 23:01

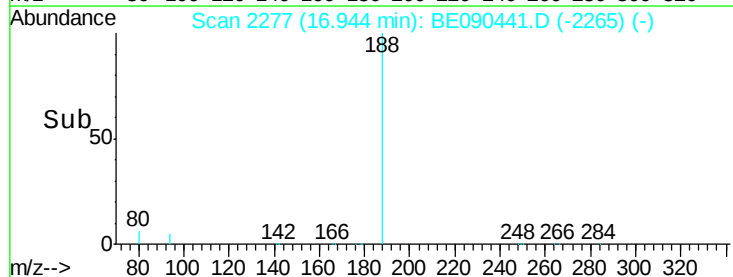
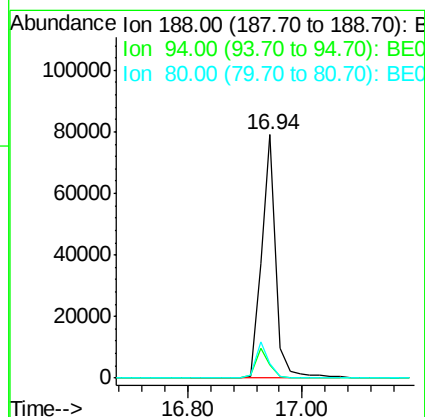
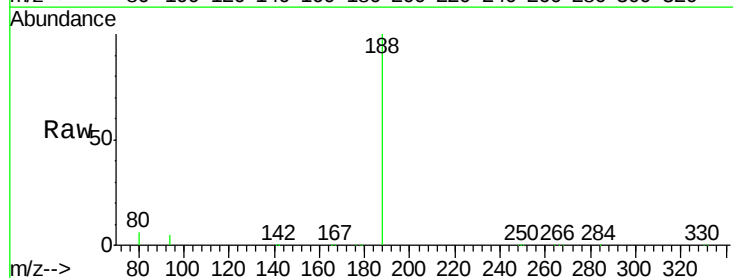
Instrument :
BNA_E
ClientSampleId :
081015-D506-F-U-B

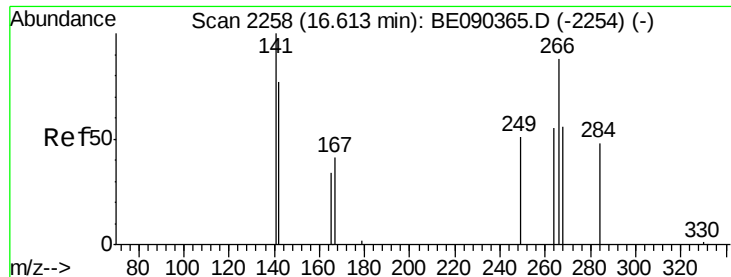
Tgt Ion:172 Resp: 68224
Ion Ratio Lower Upper
172 100
171 34.9 28.5 42.7
170 23.8 19.8 29.8



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 2277
Delta R.T. 0.00 min
Lab File: BE090441.D
Acq: 11 Aug 2015 23:01

Tgt Ion:188 Resp: 138136
Ion Ratio Lower Upper
188 100
94 5.4 5.7 8.5#
80 5.8 5.8 8.8#





#21

Pentachlorophenol

Concen: 0.11 ng

RT: 16.60 min Scan# 2257

Delta R.T. -0.02 min

Lab File: BE090441.D

Acq: 11 Aug 2015 23:01

Instrument :

BNA_E

ClientSampleId :

081015-D506-F-U-B

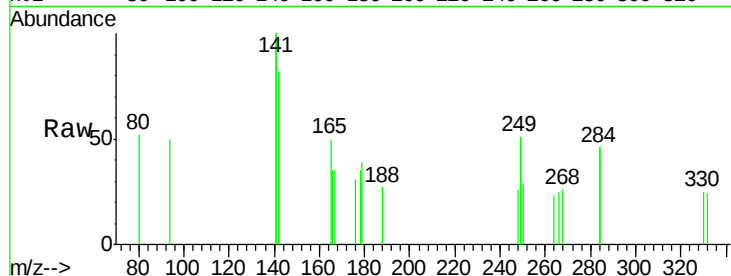
Tgt Ion:266 Resp: 18

Ion Ratio Lower Upper

266 100

268 103.9 58.5 87.7#

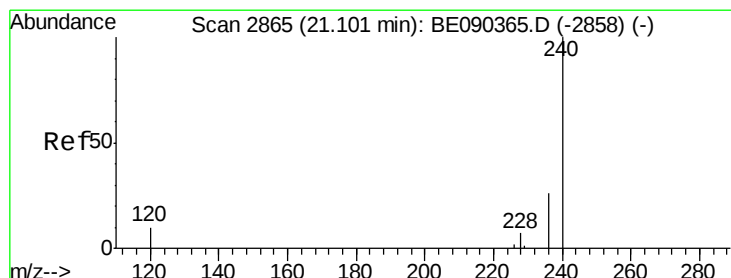
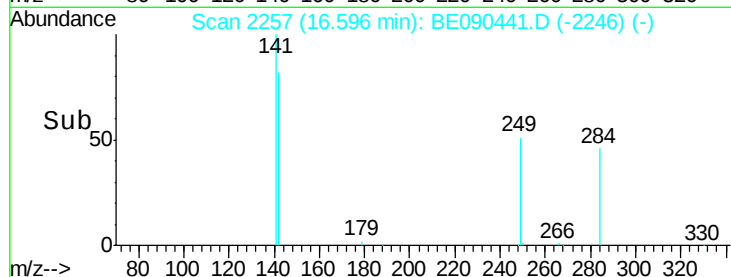
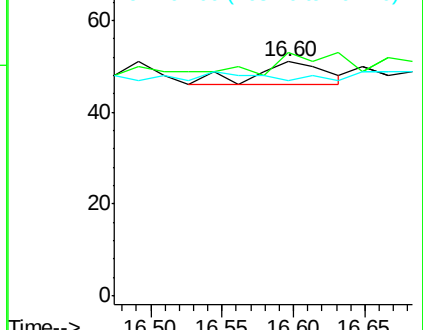
264 92.2 56.0 84.0#



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# 2864

Delta R.T. -0.01 min

Lab File: BE090441.D

Acq: 11 Aug 2015 23:01

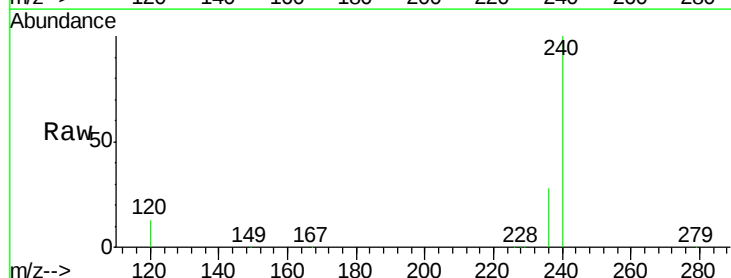
Tgt Ion:240 Resp: 158029

Ion Ratio Lower Upper

240 100

120 12.9 8.3 12.5#

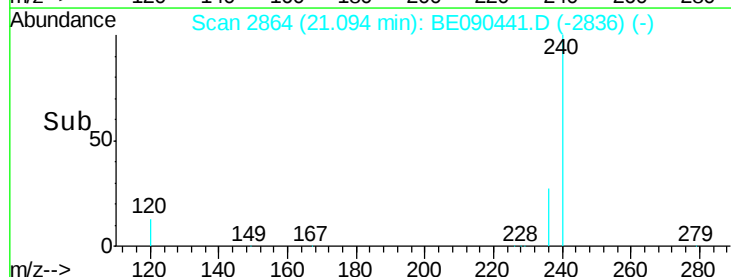
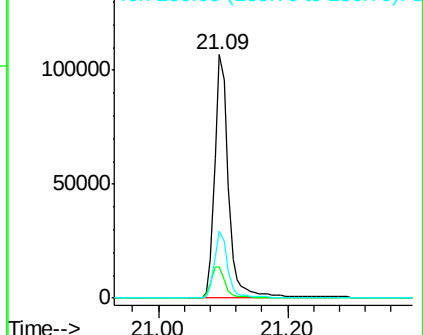
236 27.5 21.0 31.4

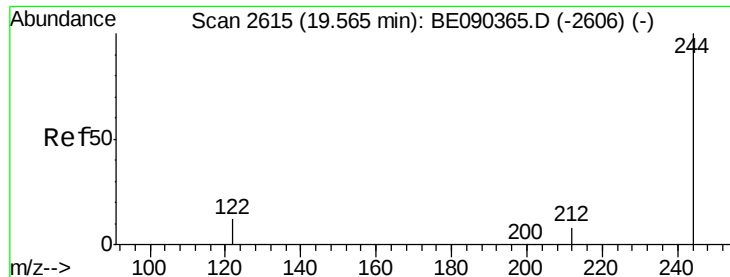


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

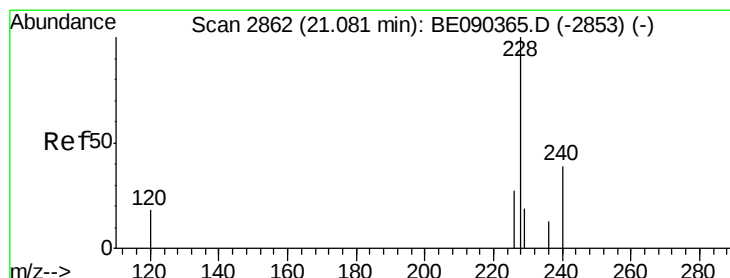
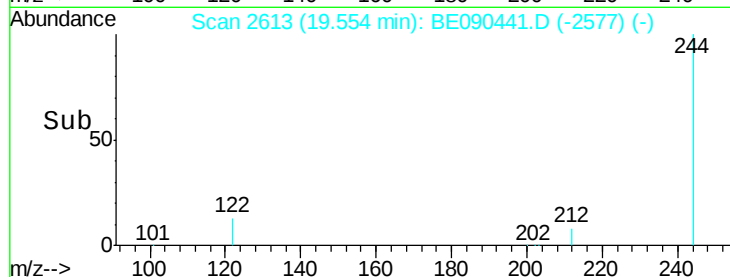
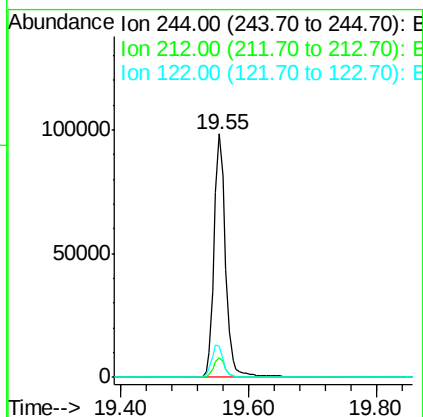
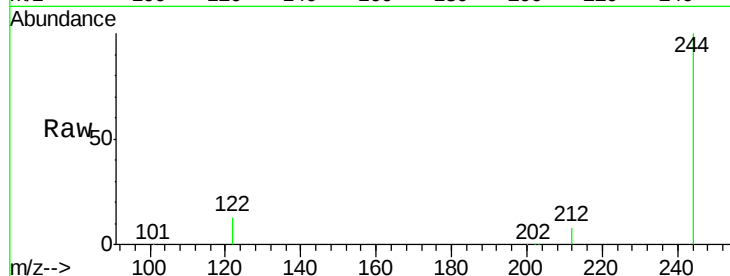




#27
 Terphenyl-d14
 Concen: 5.33 ng
 RT: 19.55 min Scan# 2613
 Delta R.T. -0.01 min
 Lab File: BE090441.D
 Acq: 11 Aug 2015 23:01

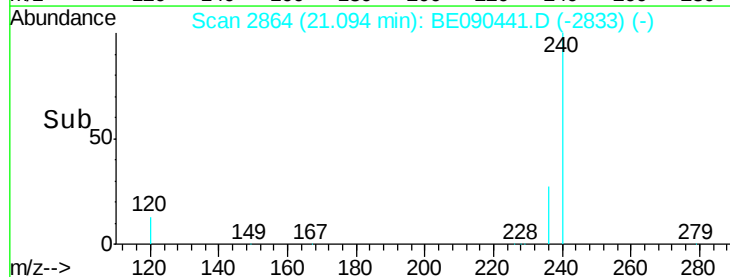
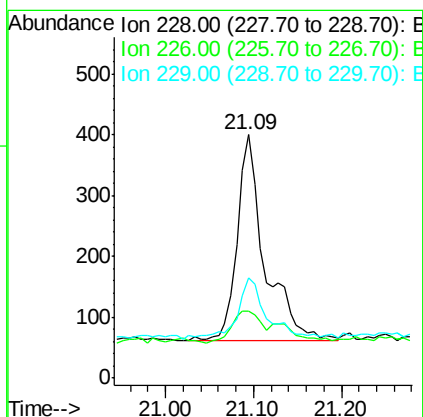
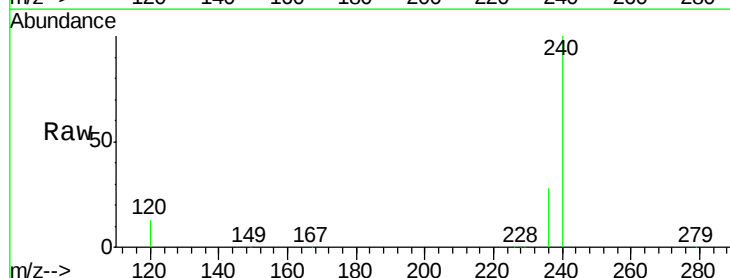
Instrument :
 BNA_E
 ClientSampleId :
 081015-D506-F-U-B

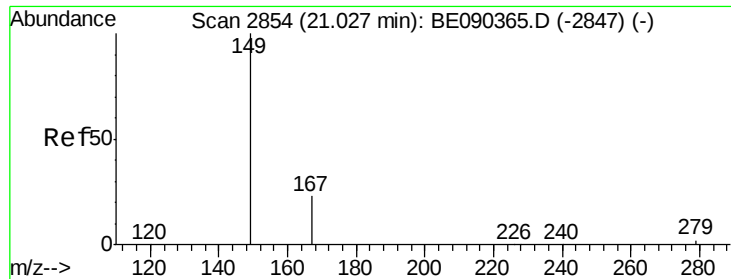
Tgt Ion: 244 Resp: 123994
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.6 9.8
 122 12.8 10.2 15.4



#28
 Benzo(a)anthracene
 Concen: 0.02 ng
 RT: 21.09 min Scan# 2864
 Delta R.T. 0.01 min
 Lab File: BE090441.D
 Acq: 11 Aug 2015 23:01

Tgt Ion: 228 Resp: 744
 Ion Ratio Lower Upper
 228 100
 226 27.8 21.9 32.9
 229 41.0 15.4 23.0#





#30

Bis(2-ethylhexyl)phthalate

Concen: 0.53 ng

RT: 21.03 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BE090441.D

Acq: 11 Aug 2015 23:01

Instrument :

BNA_E

ClientSampleId :

081015-D506-F-U-B

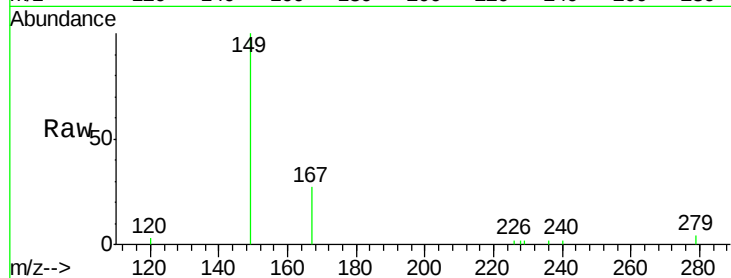
Tgt Ion:149 Resp: 3657

Ion Ratio Lower Upper

149 100

167 24.7 19.8 29.8

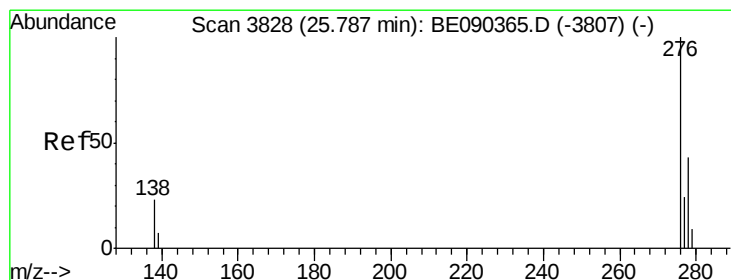
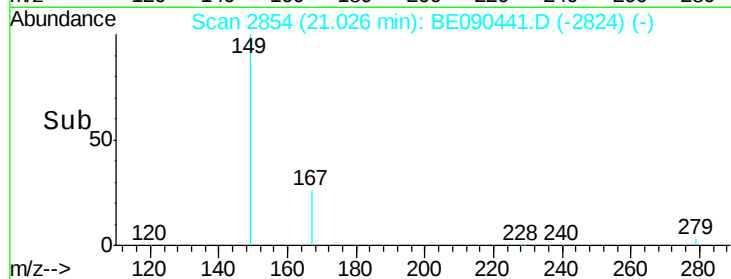
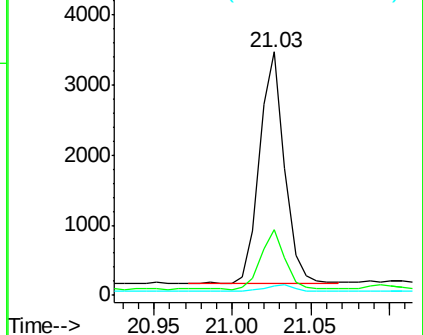
279 3.1 2.4 3.6



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



#31

Indeno(1,2,3-cd)pyrene

Concen: 0.26 ng

RT: 25.78 min Scan# 3827

Delta R.T. -0.00 min

Lab File: BE090441.D

Acq: 11 Aug 2015 23:01

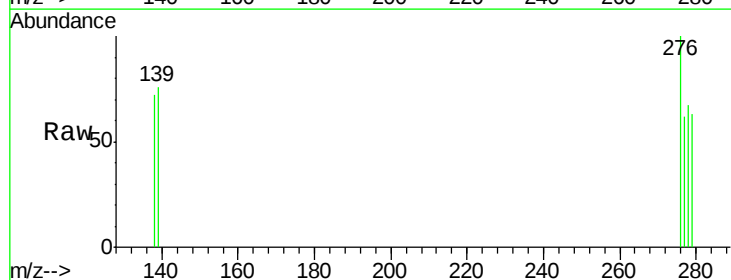
Tgt Ion:276 Resp: 227

Ion Ratio Lower Upper

276 100

138 16.7 18.8 28.2#

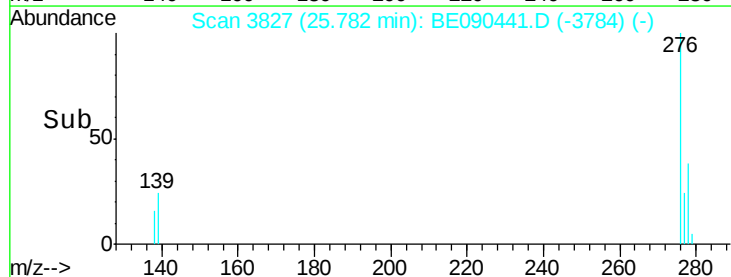
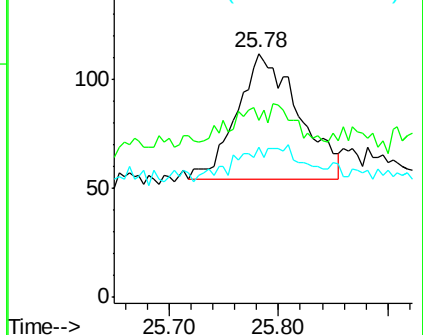
277 11.0 18.2 27.4#

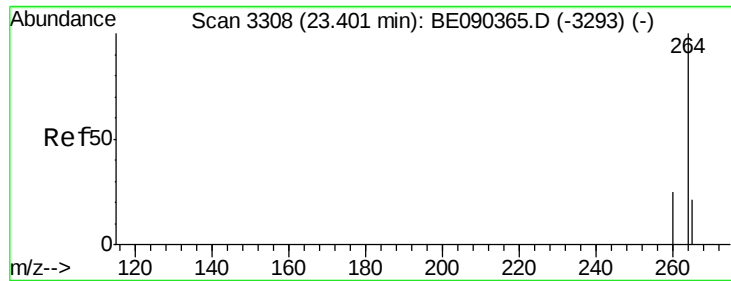


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

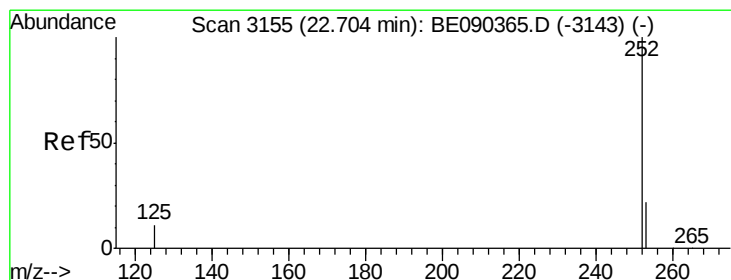
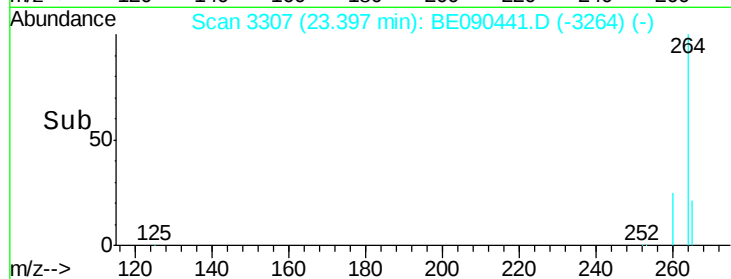
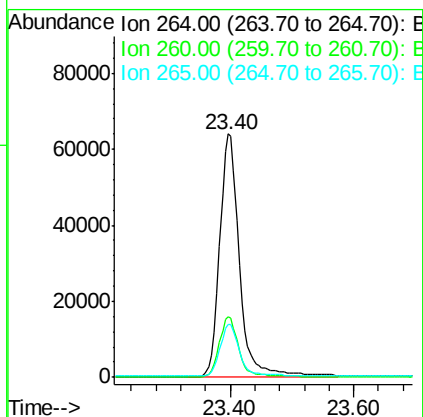
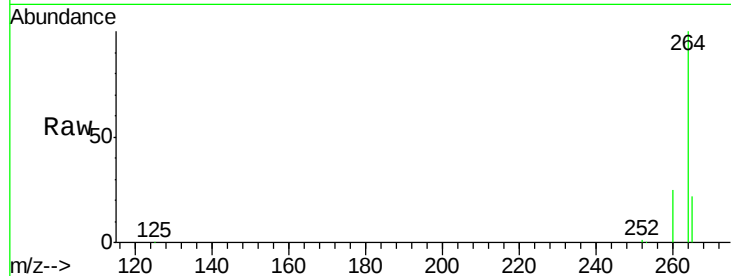




#32
Perylene-d12
 Concen: 5.00 ng
 RT: 23.40 min Scan# 3307
 Delta R.T. -0.00 min
 Lab File: BE090441.D
 Acq: 11 Aug 2015 23:01

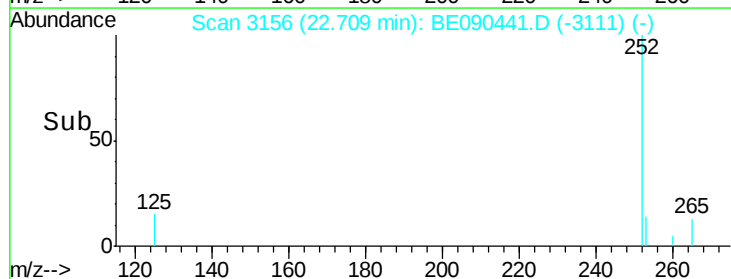
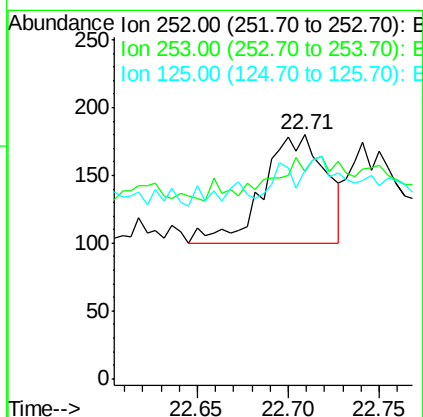
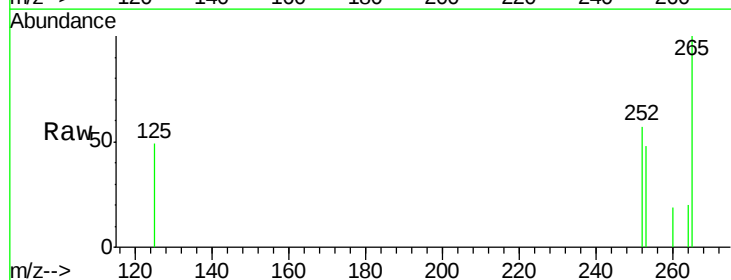
Instrument :
 BNA_E
 ClientSampleId :
 081015-D506-F-U-B

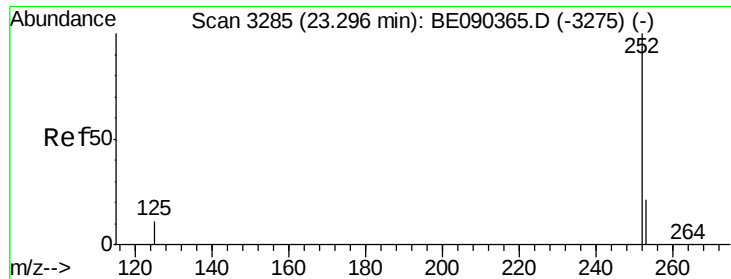
Tgt Ion: 264 Resp: 143120
 Ion Ratio Lower Upper
 264 100
 260 24.9 20.1 30.1
 265 21.6 17.2 25.8



#33
Benzo(b)fluoranthene
 Concen: 0.20 ng
 RT: 22.71 min Scan# 3156
 Delta R.T. 0.01 min
 Lab File: BE090441.D
 Acq: 11 Aug 2015 23:01

Tgt Ion: 252 Resp: 192
 Ion Ratio Lower Upper
 252 100
 253 85.0 18.1 27.1#
 125 85.6 9.4 14.2#





#35

Benzo(a)pyrene

Concen: 0.23 ng

RT: 23.30 min Scan# 3286

Delta R.T. 0.01 min

Lab File: BE090441.D

Acq: 11 Aug 2015 23:01

Instrument :

BNA_E

ClientSampleId :

081015-D506-F-U-B

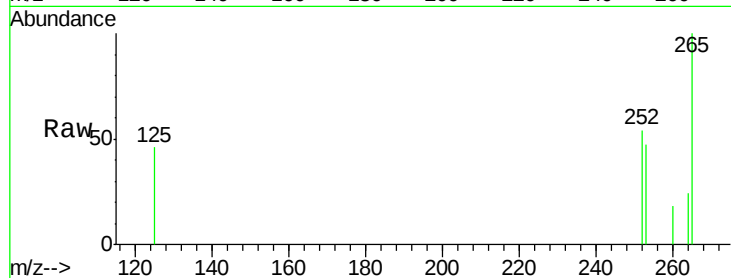
Tgt Ion:252 Resp: 122

Ion Ratio Lower Upper

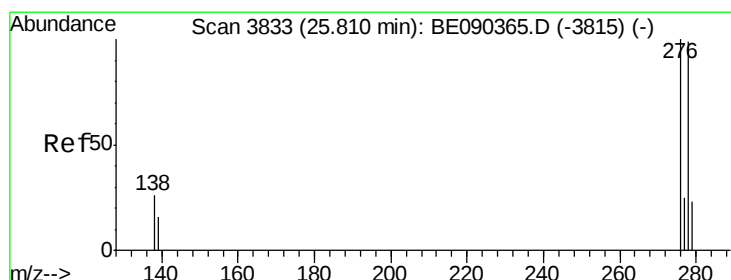
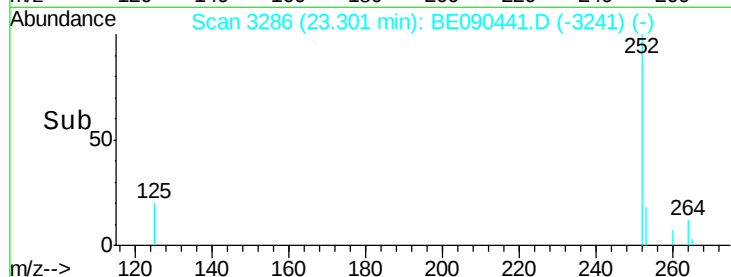
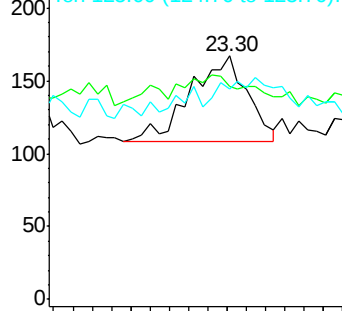
252 100

253 87.4 17.6 26.4#

125 86.2 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: 0.29 ng

RT: 25.82 min Scan# 3835

Delta R.T. 0.01 min

Lab File: BE090441.D

Acq: 11 Aug 2015 23:01

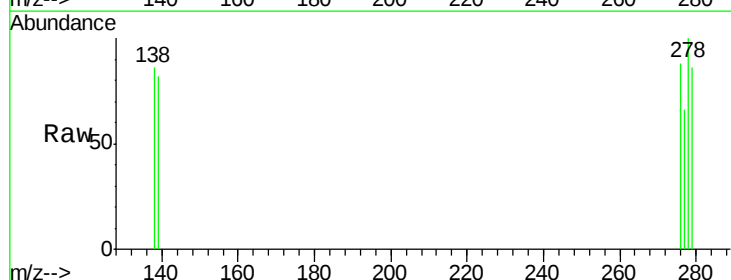
Tgt Ion:278 Resp: 135

Ion Ratio Lower Upper

278 100

139 81.9 14.2 21.4#

279 86.2 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

