

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081315\
 Data File : BE090508.D
 Acq On : 13 Aug 2015 20:02
 Operator : UM/IZ
 Sample : G3280-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 081215-D534-F-D-B

Quant Time: Aug 14 04:34:42 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	22420	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	112703	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	61277	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	138149	5.00	ng	0.00
25) Chrysene-d12	21.09	240	141145	5.00	ng	0.00
32) Perylene-d12	23.40	264	129504	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.22	112	20136	5.99	ng	0.00
5) Phenol-d6	6.77	99	17718	2.60	ng	0.00
7) Nitrobenzene-d5	8.72	82	32279	3.58	ng	0.00
13) 2,4,6-Tribromophenol	15.69	330	22523	10.47	ng	-0.02
14) 2-Fluorobiphenyl	12.82	172	65109	3.86	ng	0.00
27) Terphenyl-d14	19.55	244	109046	5.24	ng	-0.01

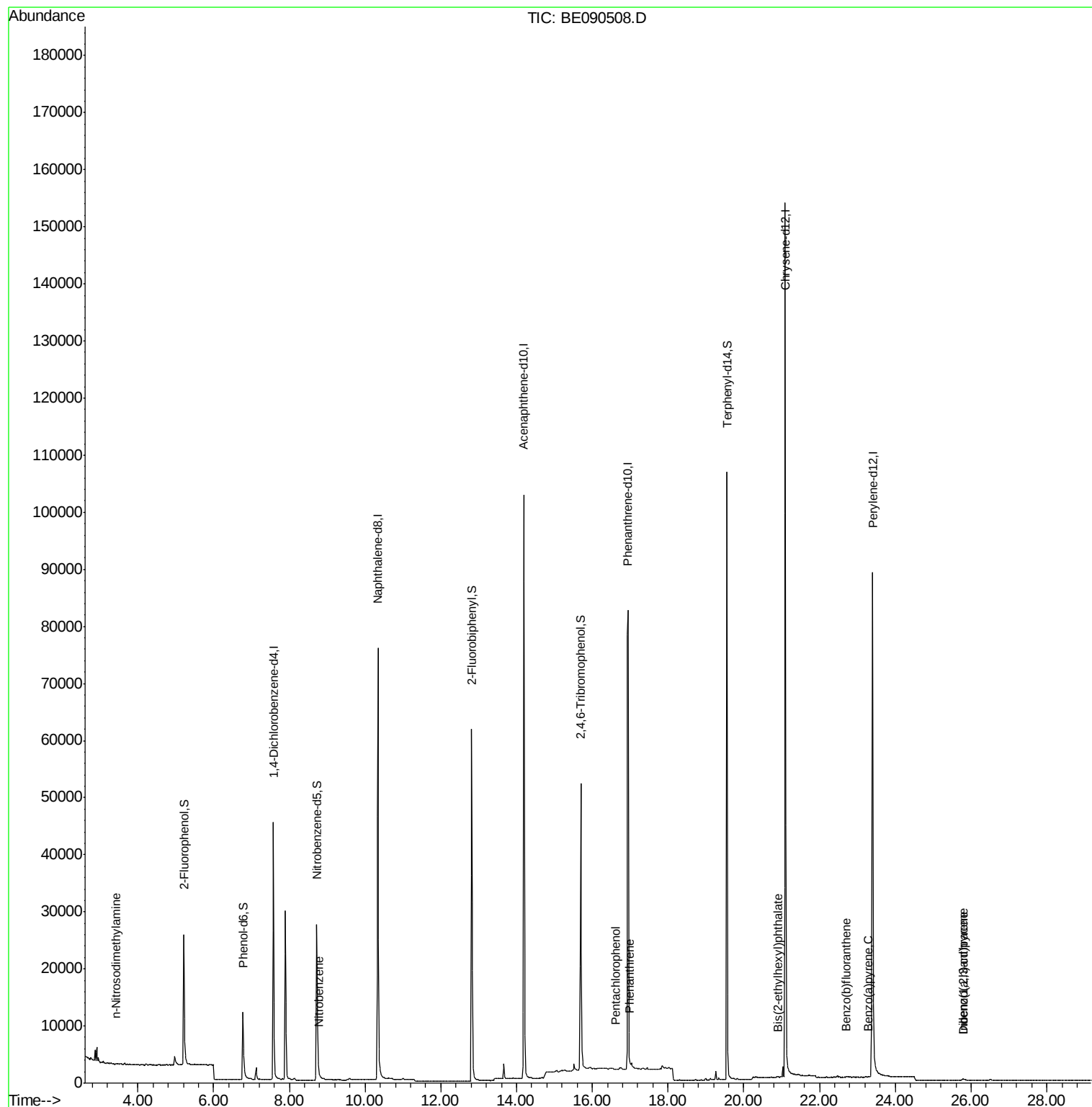
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.44	42	113	0.03	ng	# 1
8) Nitrobenzene	8.79	77	8	0.21	ng	# 83
10) Hexachlorobutadiene	10.69	225	9	Below Cal		# 50
21) Pentachlorophenol	16.61	266	42	0.14	ng	# 69
22) Phenanthrene	16.98	178	836	0.02	ng	# 78
30) Bis(2-ethylhexyl)phthalate	20.88	149	140	0.13	ng	# 91
31) Indeno(1,2,3-cd)pyrene	25.79	276	344	0.26	ng	# 79
33) Benzo(b)fluoranthene	22.70	252	207	0.20	ng	# 1
35) Benzo(a)pyrene	23.29	252	198	0.23	ng	# 1
36) Dibenzo(a,h)anthracene	25.81	278	276	0.29	ng	# 1

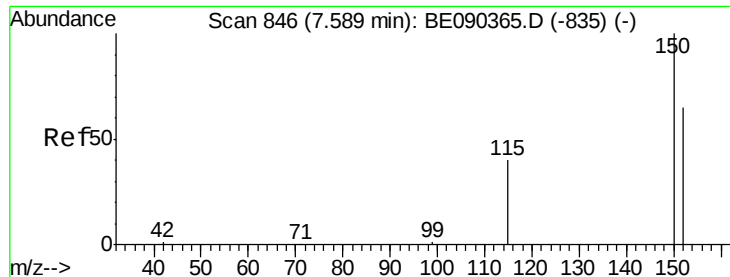
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081315\
Data File : BE090508.D
Acq On : 13 Aug 2015 20:02
Operator : UM/IZ
Sample : G3280-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
081215-D534-F-D-B

Quant Time: Aug 14 04:34:42 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: BE090508.D

Acq: 13 Aug 2015 20:02

Instrument :

BNA_E

ClientSampleId :

081215-D534-F-D-B

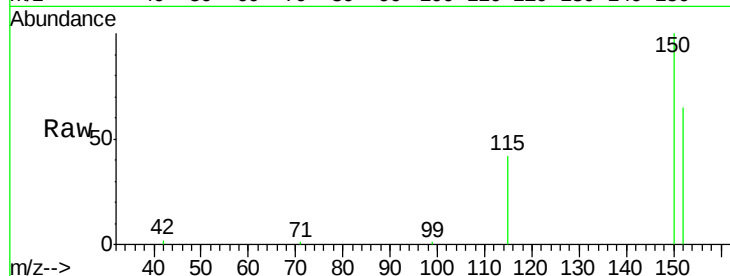
Tgt Ion:152 Resp: 22420

Ion Ratio Lower Upper

152 100

150 153.2 123.0 184.4

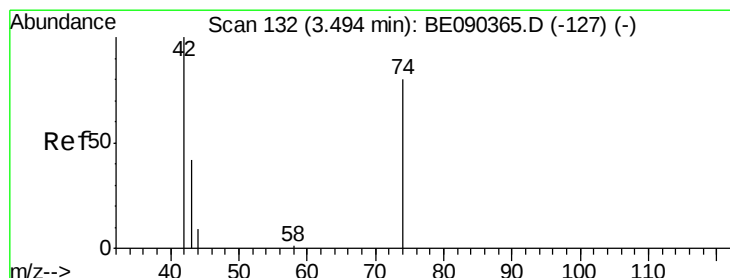
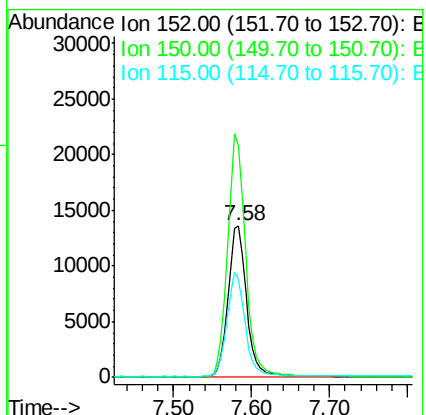
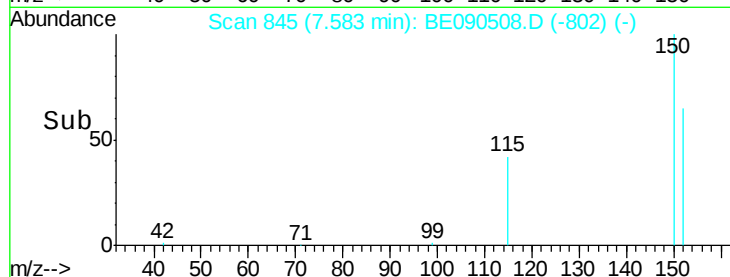
115 64.4 48.9 73.3



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



#3

n-Nitrosodimethylamine

Concen: 0.03 ng

RT: 3.44 min Scan# 124

Delta R.T. -0.05 min

Lab File: BE090508.D

Acq: 13 Aug 2015 20:02

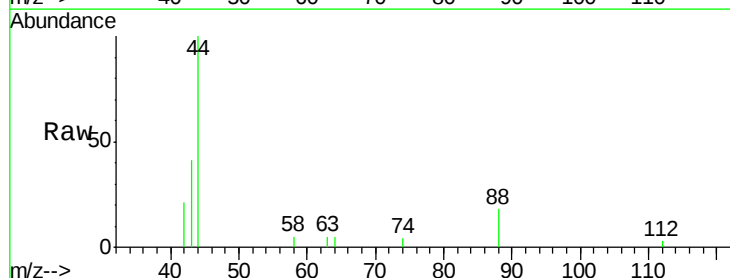
Tgt Ion: 42 Resp: 113

Ion Ratio Lower Upper

42 100

74 11.5 75.2 112.8#

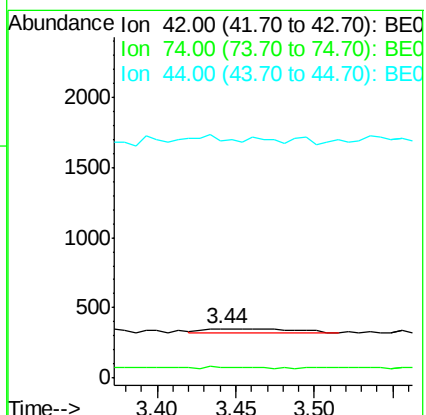
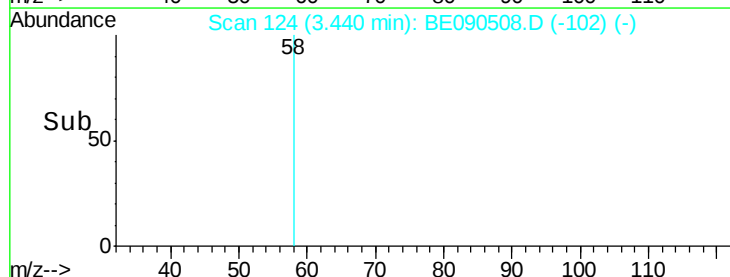
44 112.4 8.7 13.1#

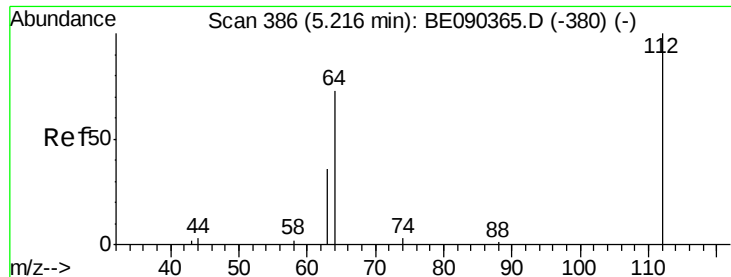


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 5.99 ng

RT: 5.22 min Scan# 386

Delta R.T. 0.00 min

Lab File: BE090508.D

Acq: 13 Aug 2015 20:02

Instrument :

BNA_E

ClientSampleId :

081215-D534-F-D-B

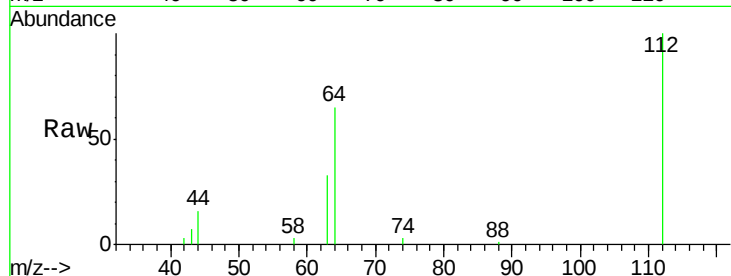
Tgt Ion: 112 Resp: 20136

Ion Ratio Lower Upper

112 100

64 69.9 37.1 55.7#

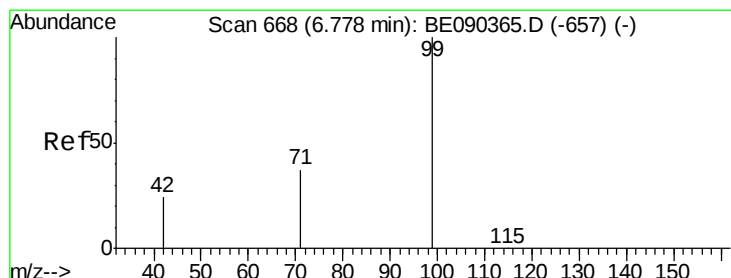
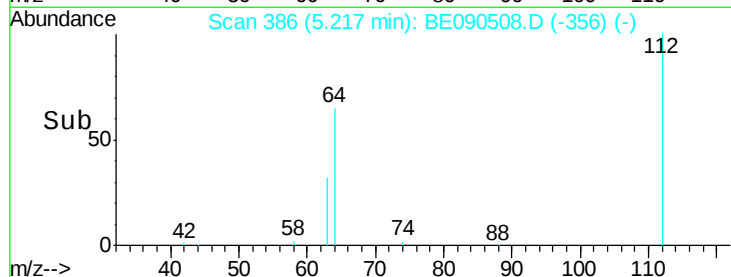
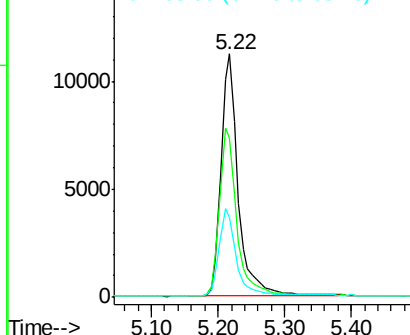
63 35.9 19.5 29.3#



Abundance Ion 112.00 (111.70 to 112.70): BE090365.D (-380) (-)

Ion 64.00 (63.70 to 64.70): BE090365.D (-380) (-)

Ion 63.00 (62.70 to 63.70): BE090365.D (-380) (-)



#5

Phenol-d6

Concen: 2.60 ng

RT: 6.77 min Scan# 667

Delta R.T. -0.01 min

Lab File: BE090508.D

Acq: 13 Aug 2015 20:02

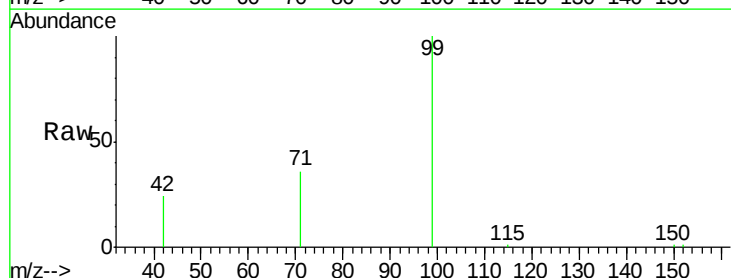
Tgt Ion: 99 Resp: 17718

Ion Ratio Lower Upper

99 100

42 20.0 18.2 27.4

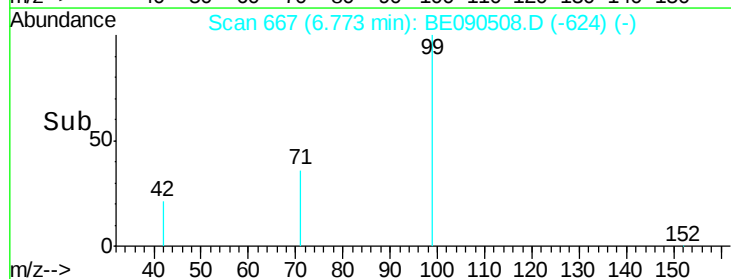
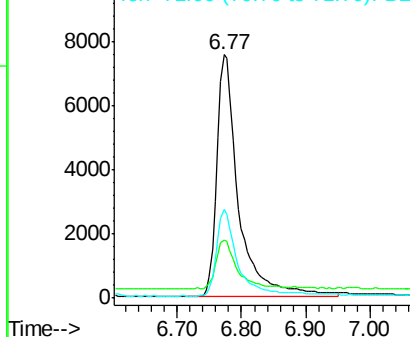
71 34.1 27.4 41.0

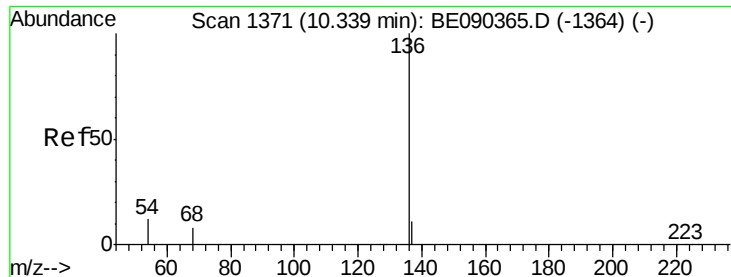


Abundance Ion 99.00 (98.70 to 99.70): BE090365.D (-657) (-)

Ion 42.00 (41.70 to 42.70): BE090365.D (-657) (-)

Ion 71.00 (70.70 to 71.70): BE090365.D (-657) (-)

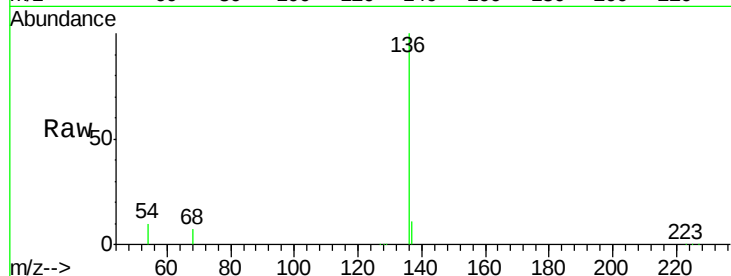




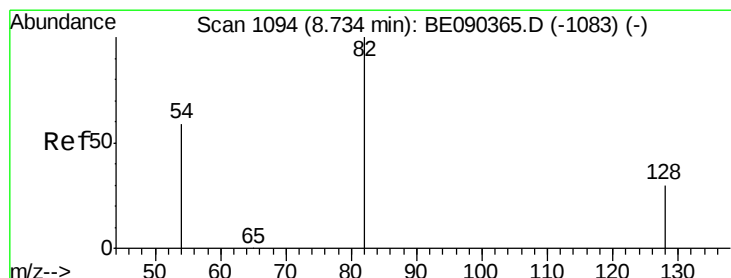
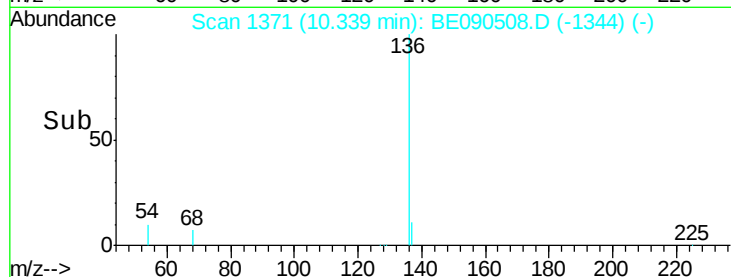
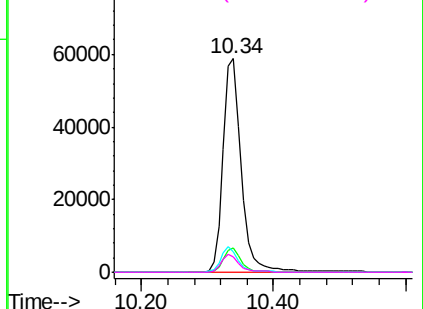
#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.34 min Scan# 1371
Delta R.T. 0.00 min
Lab File: BE090508.D
Acq: 13 Aug 2015 20:02

Instrument :
BNA_E
ClientSampleId :
081215-D534-F-D-B

Tgt Ion:	136	Resp:	112703
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	9.9	9.4	14.0
68	7.5	6.5	9.7

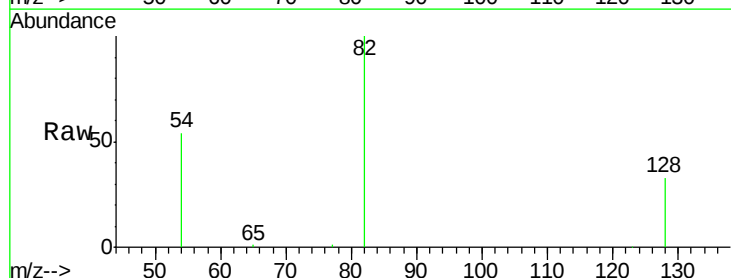


Abundance Ion 136.00 (135.70 to 136.70): BE090508.D (-1364) (-)

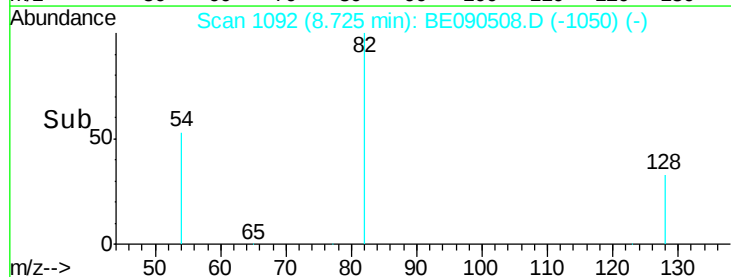
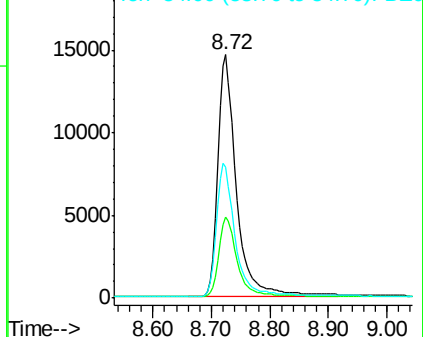


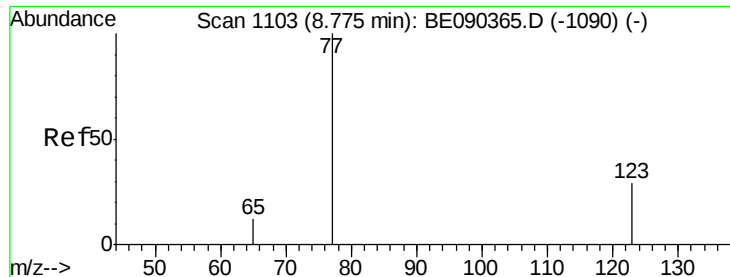
#7
Nitrobenzene-d5
Concen: 3.58 ng
RT: 8.72 min Scan# 1092
Delta R.T. -0.01 min
Lab File: BE090508.D
Acq: 13 Aug 2015 20:02

Tgt Ion:	82	Resp:	32279
Ion	Ratio	Lower	Upper
82	100		
128	33.1	25.0	37.6
54	53.7	48.8	73.2



Abundance Ion 82.00 (81.70 to 82.70): BE090508.D (-1083) (-)





#8

Nitrobenzene

Concen: 0.21 ng

RT: 8.79 min Scan# 1106

Delta R.T. 0.01 min

Lab File: BE090508.D

Acq: 13 Aug 2015 20:02

Instrument :

BNA_E

ClientSampleId :

081215-D534-F-D-B

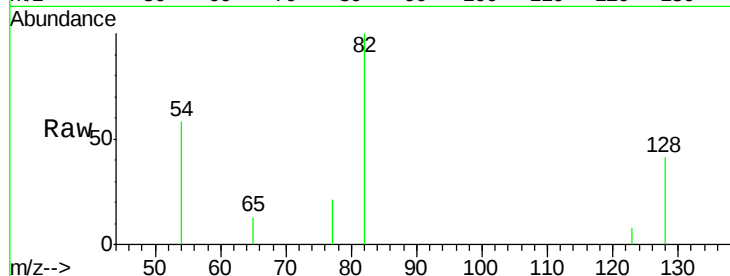
Tgt Ion: 77 Resp: 8

Ion Ratio Lower Upper

77 100

123 25.0 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) (-)

8.79

150

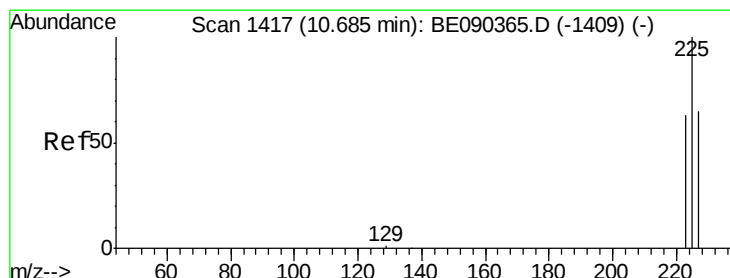
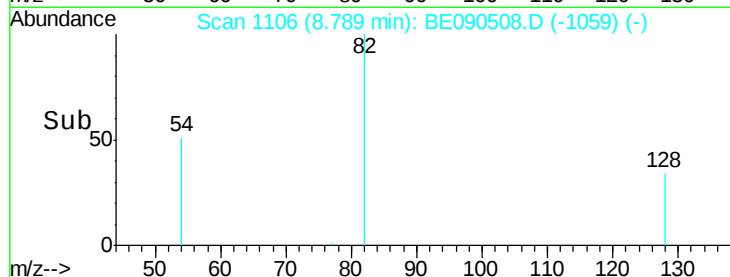
100

50

0

8.78 8.79 8.80

Time-->



#10

Hexachlorobutadiene

Concen: Below Cal

RT: 10.69 min Scan# 1417

Delta R.T. 0.00 min

Lab File: BE090508.D

Acq: 13 Aug 2015 20:02

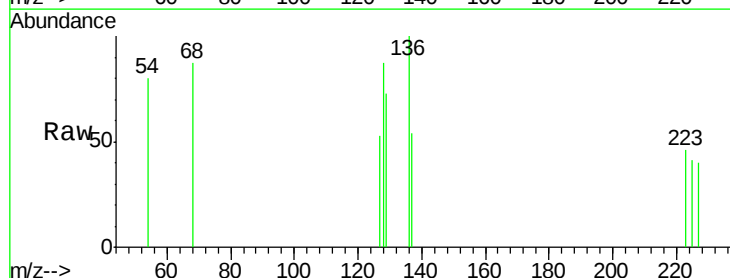
Tgt Ion: 225 Resp: 9

Ion Ratio Lower Upper

225 100

223 100.0 50.6 75.8#

227 22.2 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) (-)

10.69

60

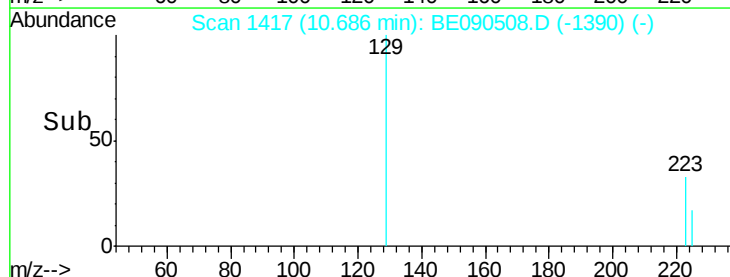
40

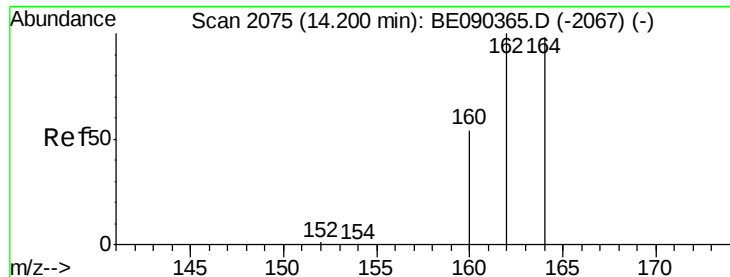
20

0

10.65 10.70 10.75

Time-->





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.19 min Scan# 2074

Delta R.T. -0.01 min

Lab File: BE090508.D

Acq: 13 Aug 2015 20:02

Instrument :

BNA_E

ClientSampleId :

081215-D534-F-D-B

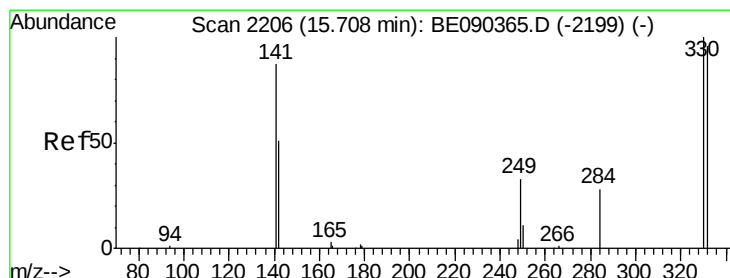
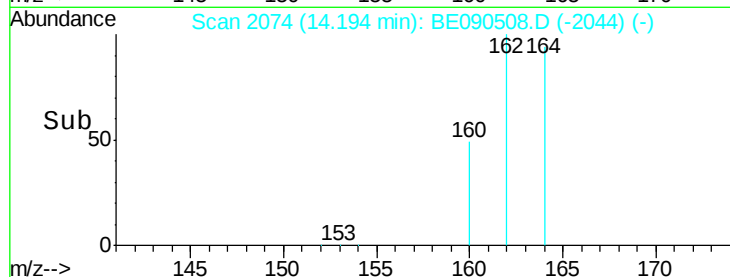
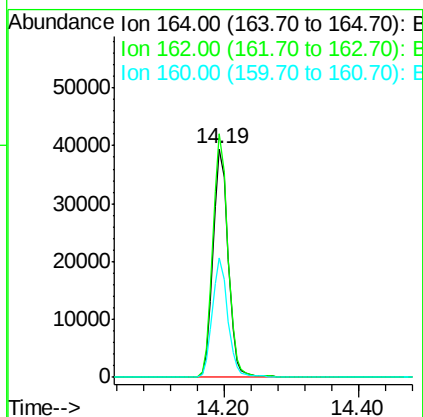
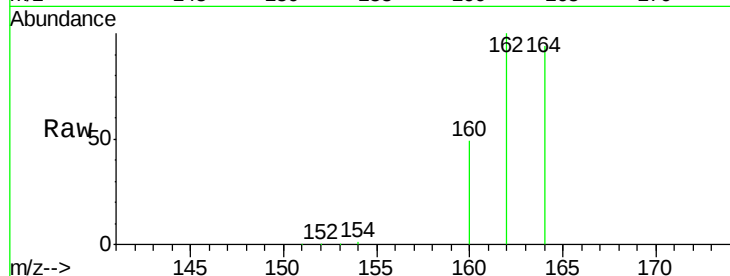
Tgt Ion:164 Resp: 61277

Ion Ratio Lower Upper

164 100

162 106.4 81.8 122.8

160 52.3 44.2 66.4



#13

2,4,6-Tribromophenol

Concen: 10.47 ng

RT: 15.69 min Scan# 2205

Delta R.T. -0.02 min

Lab File: BE090508.D

Acq: 13 Aug 2015 20:02

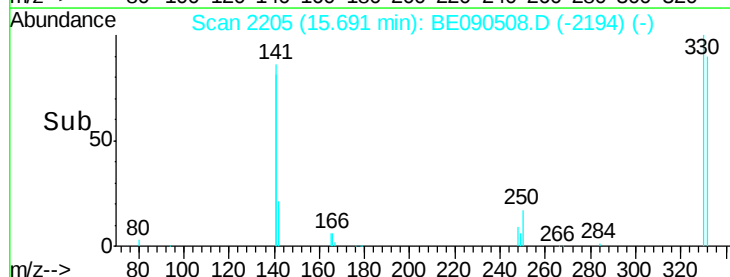
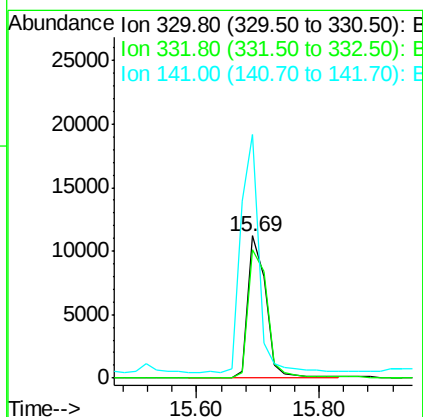
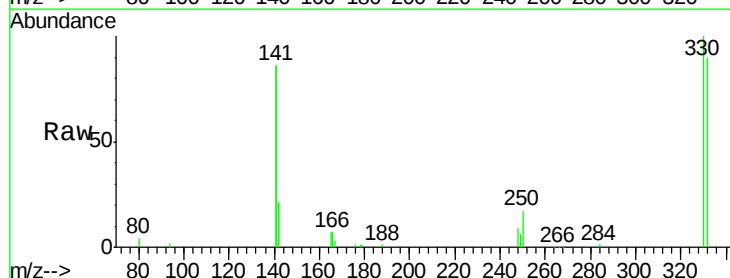
Tgt Ion:330 Resp: 22523

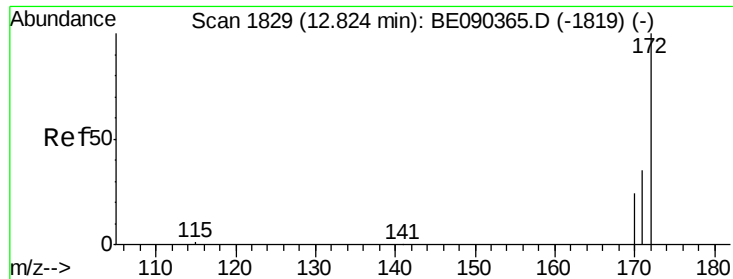
Ion Ratio Lower Upper

330 100

332 96.5 75.8 113.6

141 171.5 114.4 171.6

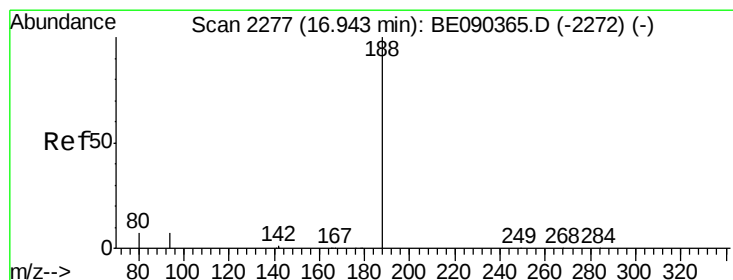
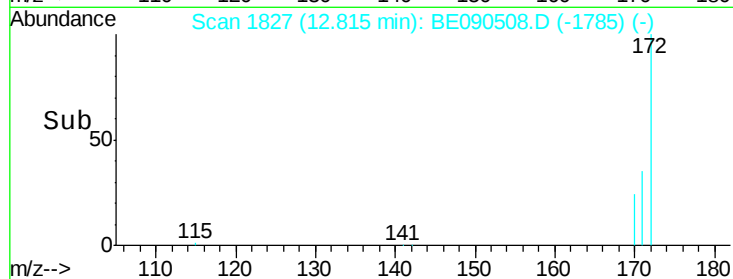
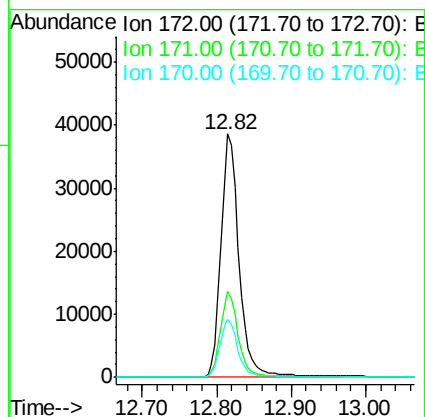
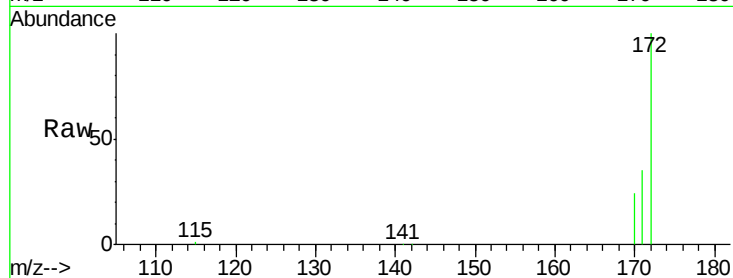




#14
2-Fluorobiphenyl
Concen: 3.86 ng
RT: 12.82 min Scan# 1827
Delta R.T. -0.01 min
Lab File: BE090508.D
Acq: 13 Aug 2015 20:02

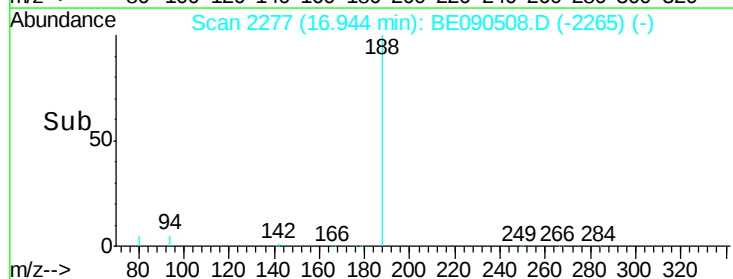
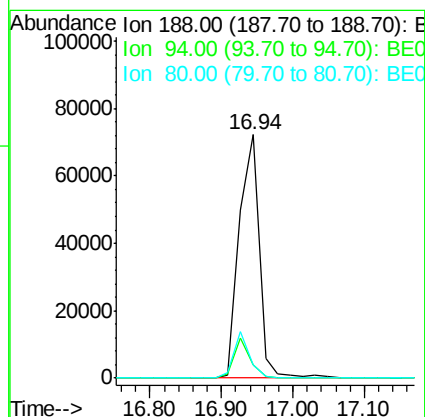
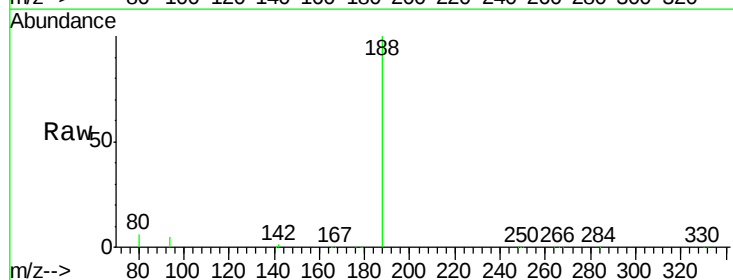
Instrument :
BNA_E
ClientSampleId :
081215-D534-F-D-B

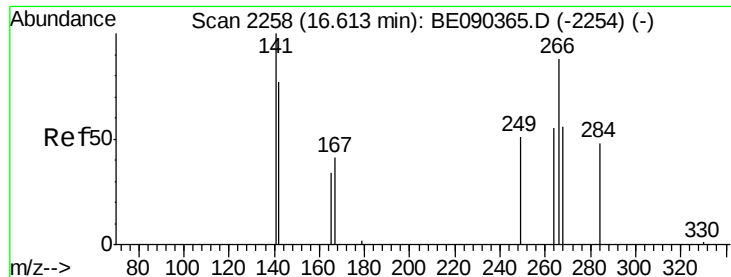
Tgt Ion:172 Resp: 65109
Ion Ratio Lower Upper
172 100
171 35.2 28.5 42.7
170 24.0 19.8 29.8



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 2277
Delta R.T. 0.00 min
Lab File: BE090508.D
Acq: 13 Aug 2015 20:02

Tgt Ion:188 Resp: 138149
Ion Ratio Lower Upper
188 100
94 5.4 5.7 8.5#
80 5.5 5.8 8.8#





#21

Pentachlorophenol

Concen: 0.14 ng

RT: 16.61 min Scan# 2258

Delta R.T. 0.00 min

Lab File: BE090508.D

Acq: 13 Aug 2015 20:02

Instrument :

BNA_E

ClientSampleId :

081215-D534-F-D-B

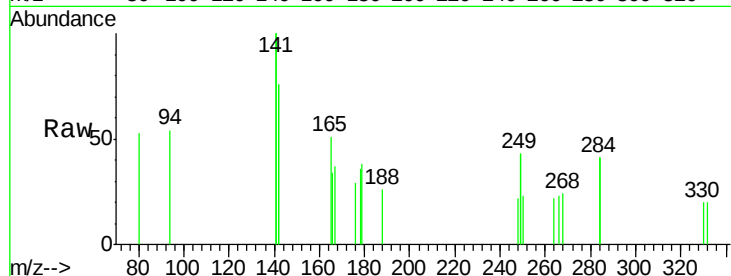
Tgt Ion:266 Resp: 42

Ion Ratio Lower Upper

266 100

268 101.8 58.5 87.7#

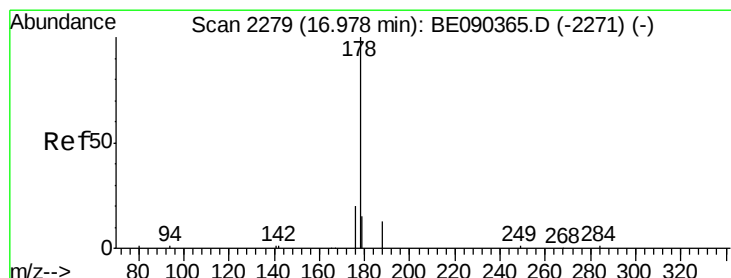
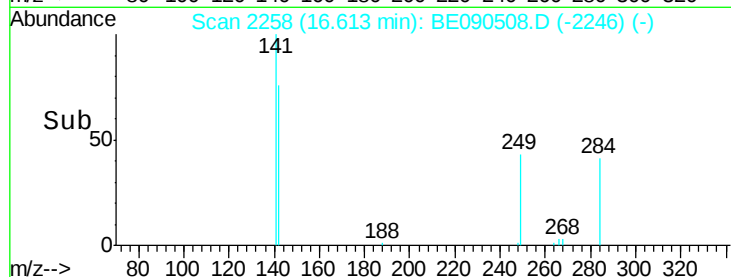
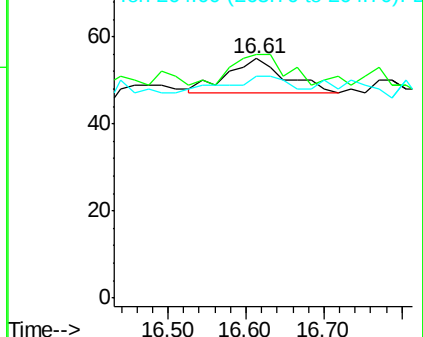
264 92.7 56.0 84.0#



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



#22

Phenanthrene

Concen: 0.02 ng

RT: 16.98 min Scan# 2279

Delta R.T. 0.00 min

Lab File: BE090508.D

Acq: 13 Aug 2015 20:02

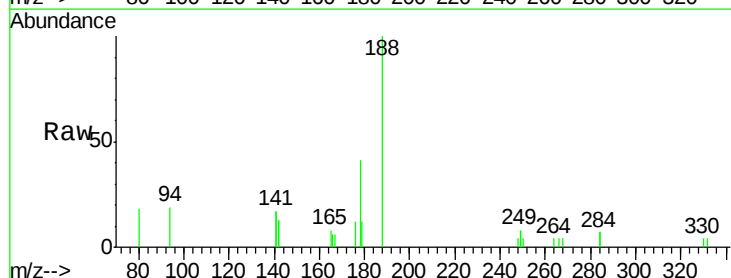
Tgt Ion:178 Resp: 836

Ion Ratio Lower Upper

178 100

176 19.7 15.4 23.2

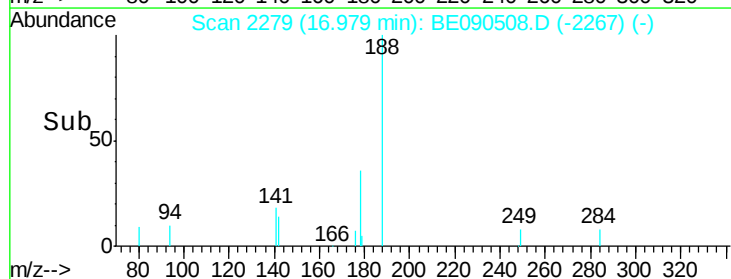
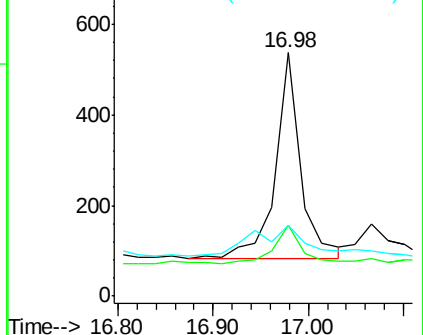
179 35.8 12.5 18.7#

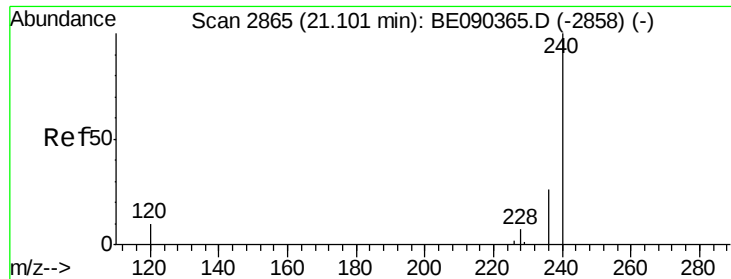


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.09 min Scan# 2864

Delta R.T. -0.01 min

Lab File: BE090508.D

Acq: 13 Aug 2015 20:02

Instrument :

BNA_E

ClientSampleId :

081215-D534-F-D-B

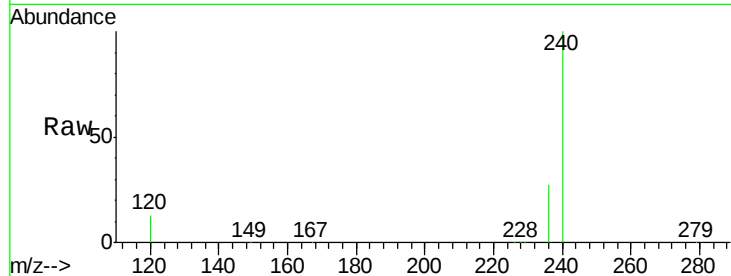
Tgt Ion:240 Resp: 141145

Ion Ratio Lower Upper

240 100

120 13.4 8.3 12.5#

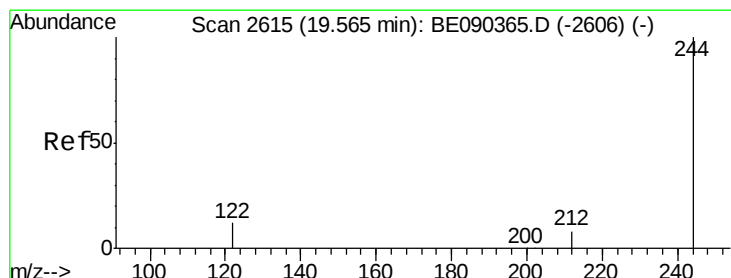
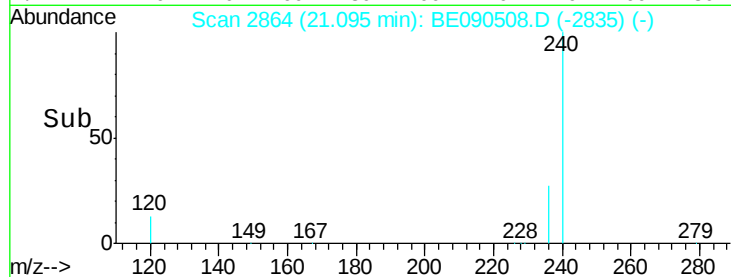
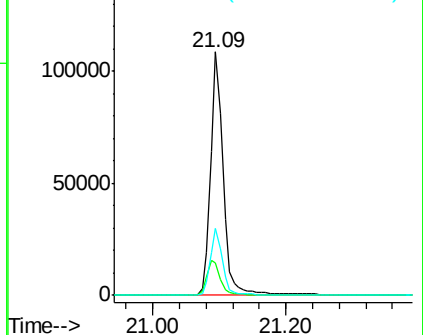
236 27.3 21.0 31.4



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: 5.24 ng

RT: 19.55 min Scan# 2613

Delta R.T. -0.01 min

Lab File: BE090508.D

Acq: 13 Aug 2015 20:02

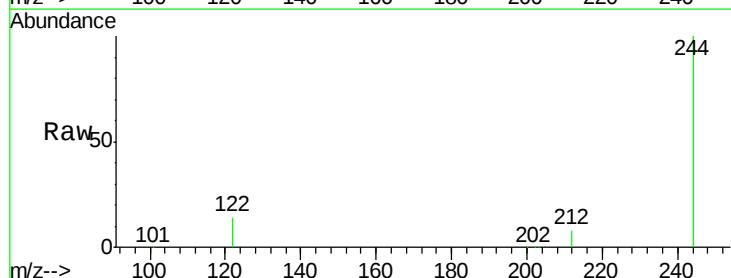
Tgt Ion:244 Resp: 109046

Ion Ratio Lower Upper

244 100

212 7.9 6.6 9.8

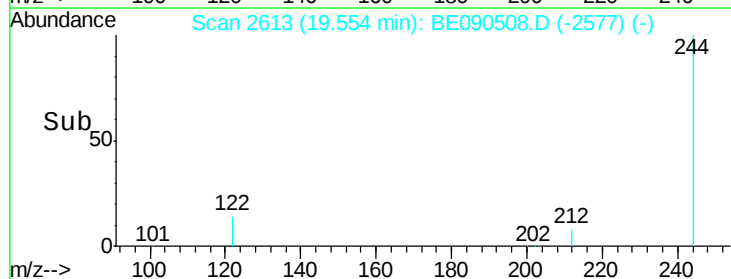
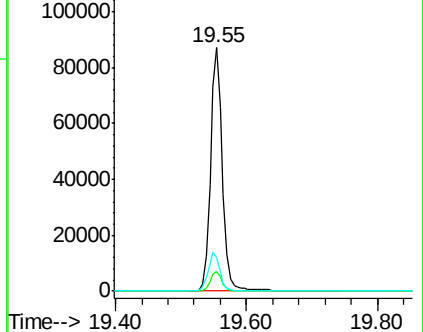
122 13.8 10.2 15.4

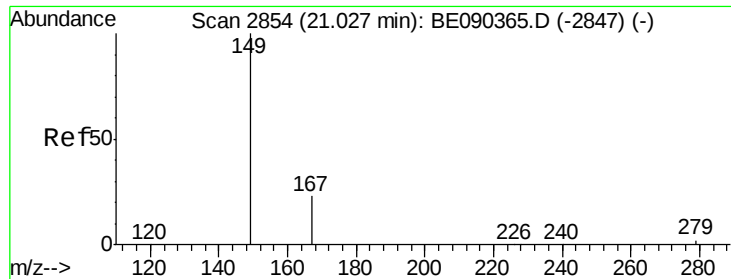


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#30

Bis(2-ethylhexyl)phthalate

Concen: 0.13 ng

RT: 20.88 min Scan# 2833

Delta R.T. -0.14 min

Lab File: BE090508.D

Acq: 13 Aug 2015 20:02

Instrument :

BNA_E

ClientSampleId :

081215-D534-F-D-B

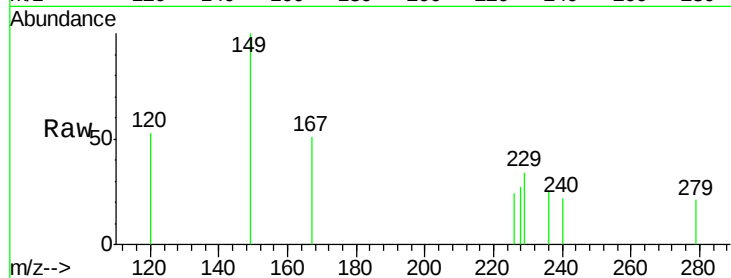
Tgt Ion:149 Resp: 140

Ion Ratio Lower Upper

149 100

167 20.0 19.8 29.8

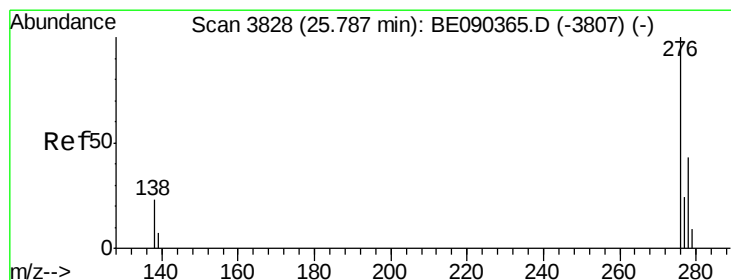
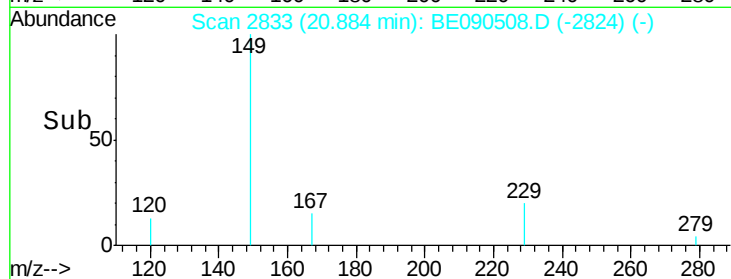
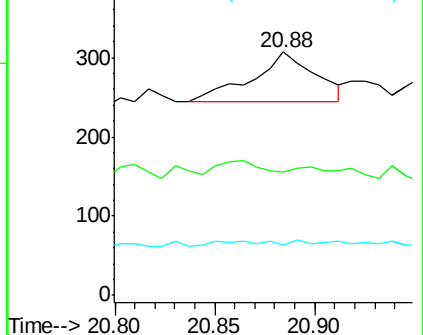
279 2.9 2.4 3.6



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: 25.79 min Scan# 3829

Delta R.T. 0.00 min

Lab File: BE090508.D

Acq: 13 Aug 2015 20:02

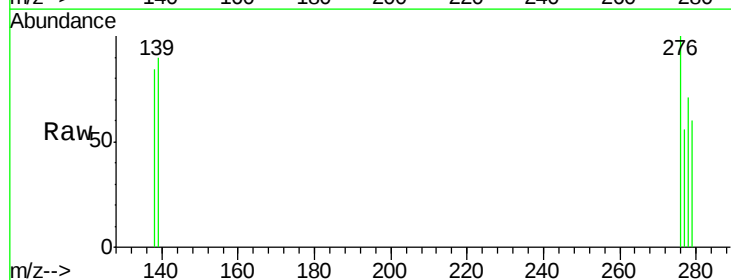
Tgt Ion:276 Resp: 344

Ion Ratio Lower Upper

276 100

138 4.9 18.8 28.2#

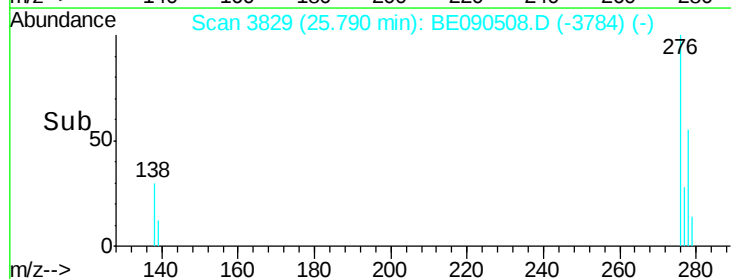
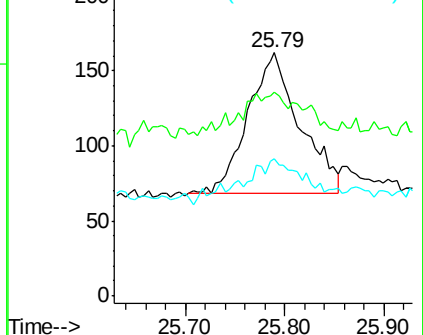
277 24.4 18.2 27.4

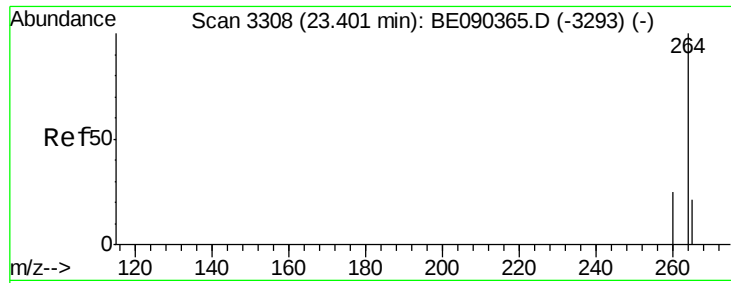


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

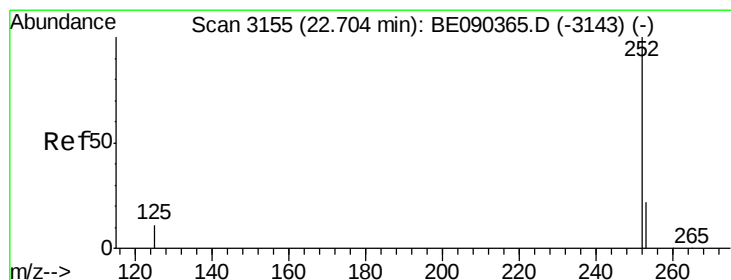
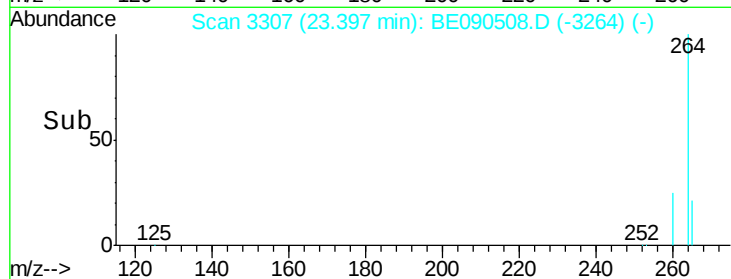
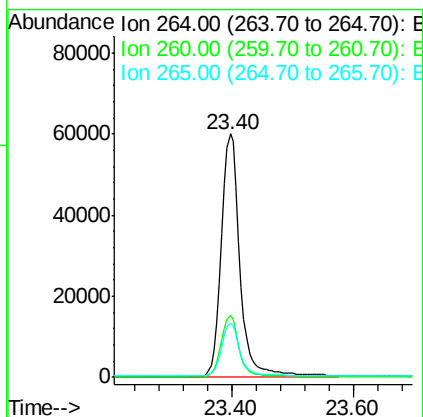
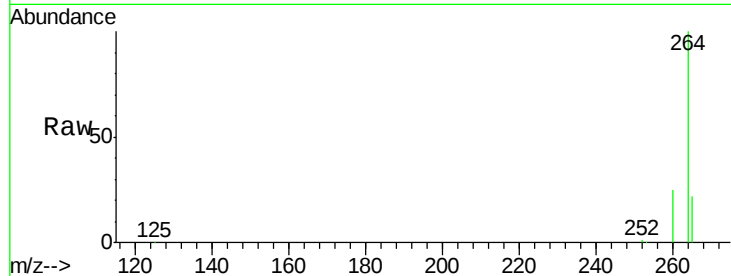




#32
Perylene-d12
Concen: 5.00 ng
RT: 23.40 min Scan# 3307
Delta R.T. -0.00 min
Lab File: BE090508.D
Acq: 13 Aug 2015 20:02

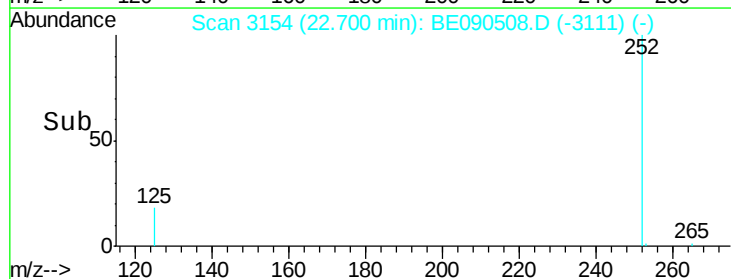
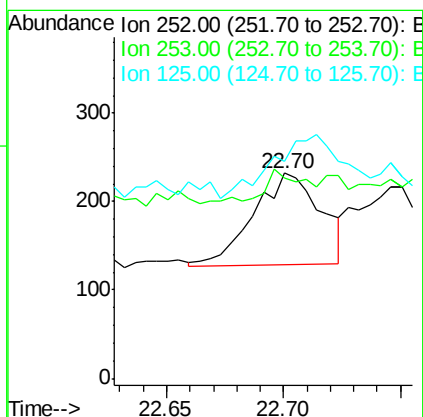
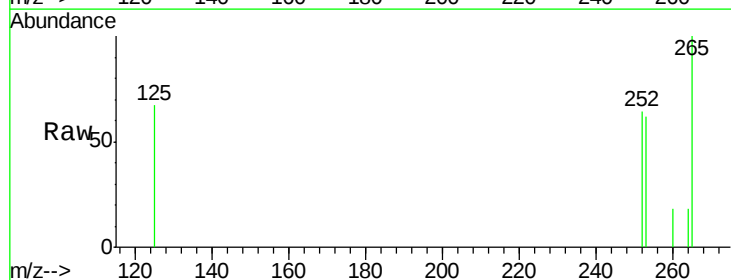
Instrument :
BNA_E
ClientSampleId :
081215-D534-F-D-B

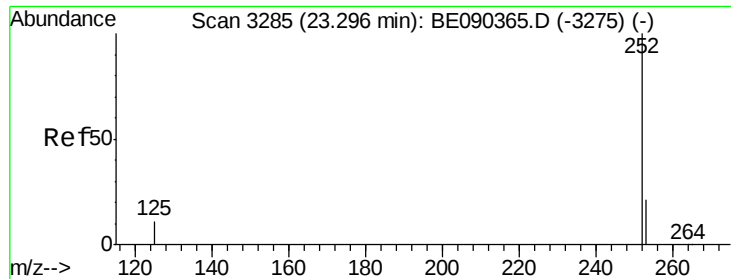
Tgt Ion: 264 Resp: 129504
Ion Ratio Lower Upper
264 100
260 25.4 20.1 30.1
265 22.0 17.2 25.8



#33
Benzo(b)fluoranthene
Concen: 0.20 ng
RT: 22.70 min Scan# 3154
Delta R.T. -0.00 min
Lab File: BE090508.D
Acq: 13 Aug 2015 20:02

Tgt Ion: 252 Resp: 207
Ion Ratio Lower Upper
252 100
253 97.4 18.1 27.1#
125 106.0 9.4 14.2#





#35

Benzo(a)pyrene

Concen: 0.23 ng

RT: 23.29 min Scan# 3284

Delta R.T. -0.00 min

Lab File: BE090508.D

Acq: 13 Aug 2015 20:02

Instrument :

BNA_E

ClientSampleId :

081215-D534-F-D-B

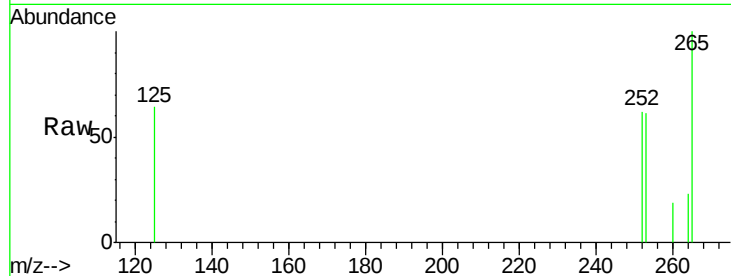
Tgt Ion: 252 Resp: 198

Ion Ratio Lower Upper

252 100

253 98.2 17.6 26.4#

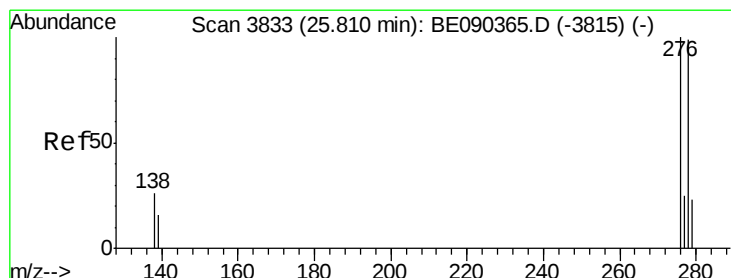
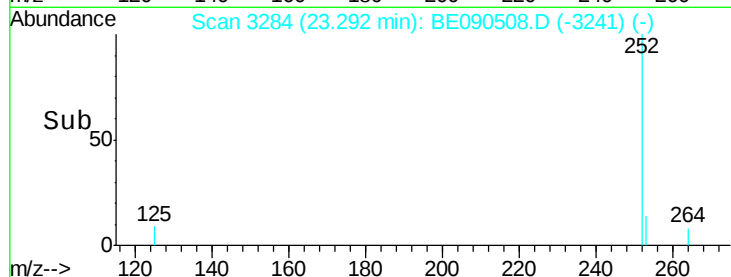
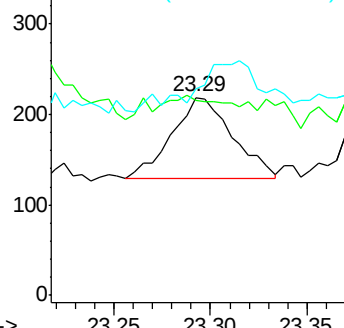
125 104.1 9.8 14.6#



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: 25.81 min Scan# 3833

Delta R.T. -0.00 min

Lab File: BE090508.D

Acq: 13 Aug 2015 20:02

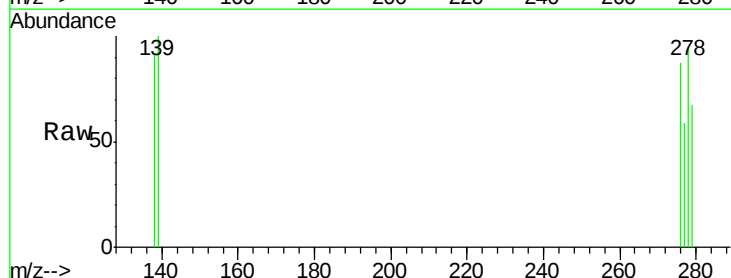
Tgt Ion: 278 Resp: 276

Ion Ratio Lower Upper

278 100

139 105.2 14.2 21.4#

279 70.4 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

