

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081315\
 Data File : BE090511.D
 Acq On : 13 Aug 2015 21:52
 Operator : UM/IZ
 Sample : G3280-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 081215-D534-F-U-S

Quant Time: Aug 14 04:35:29 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	23178	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	115505	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	63569	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	144269	5.00	ng	0.00
25) Chrysene-d12	21.09	240	145251	5.00	ng	0.00
32) Perylene-d12	23.40	264	132937	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.22	112	20836	5.99	ng	0.00
5) Phenol-d6	6.77	99	18797	2.66	ng	0.00
7) Nitrobenzene-d5	8.72	82	34137	3.69	ng	0.00
13) 2,4,6-Tribromophenol	15.69	330	23639	10.55	ng	-0.02
14) 2-Fluorobiphenyl	12.82	172	71669	4.10	ng	0.00
27) Terphenyl-d14	19.55	244	114638	5.36	ng	-0.01

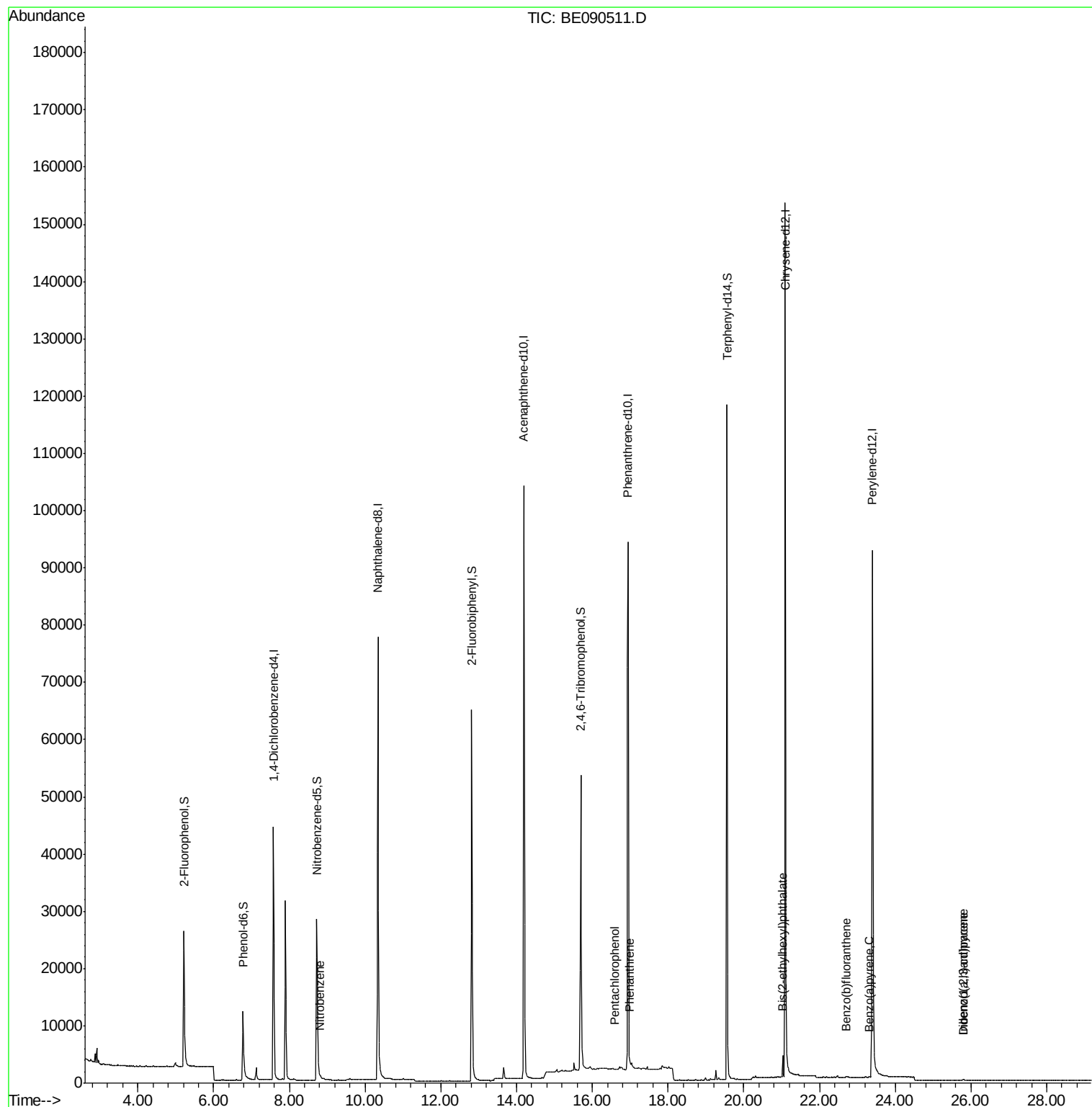
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.27	88	184	Below Cal	#	15
8) Nitrobenzene	8.81	77	10	0.21 ng	#	1
10) Hexachlorobutadiene	10.68	225	1	Below Cal	#	1
21) Pentachlorophenol	16.60	266	40	0.13 ng	#	76
22) Phenanthrene	16.98	178	839	0.02 ng	#	61
30) Bis(2-ethylhexyl)phthalate	21.03	149	3283	0.53 ng		99
31) Indeno(1,2,3-cd)pyrene	25.79	276	207	0.26 ng	#	76
33) Benzo(b)fluoranthene	22.70	252	196	0.20 ng	#	1
35) Benzo(a)pyrene	23.30	252	130	0.23 ng	#	1
36) Dibenzo(a,h)anthracene	25.81	278	189	0.29 ng	#	1

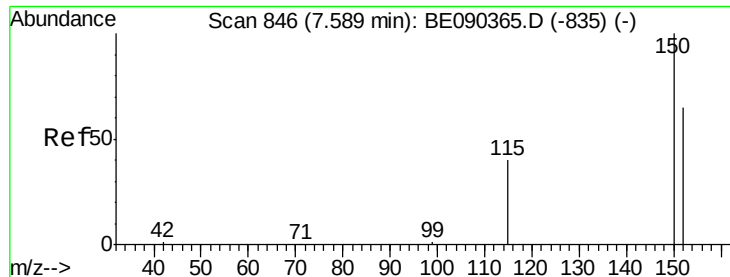
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.58 min Scan# 845

Delta R.T. -0.01 min

Lab File: BE090511.D

Acq: 13 Aug 2015 21:52

Instrument :

BNA_E

ClientSampleId :

081215-D534-F-U-S

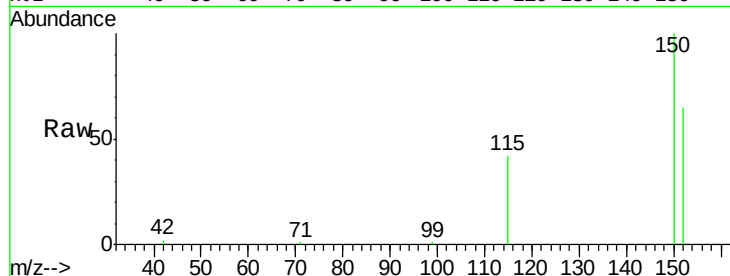
Tgt Ion: 152 Resp: 23178

Ion Ratio Lower Upper

152 100

150 154.1 123.0 184.4

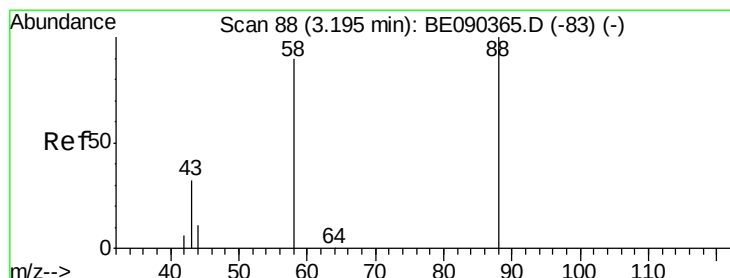
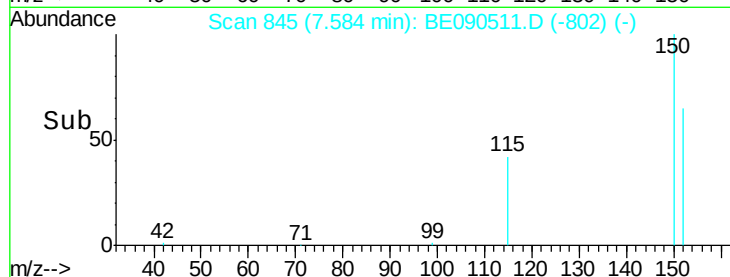
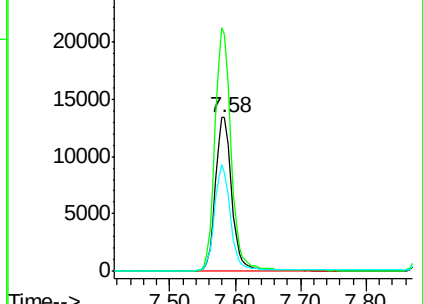
115 64.7 48.9 73.3



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: 3.27 min Scan# 99

Delta R.T. 0.07 min

Lab File: BE090511.D

Acq: 13 Aug 2015 21:52

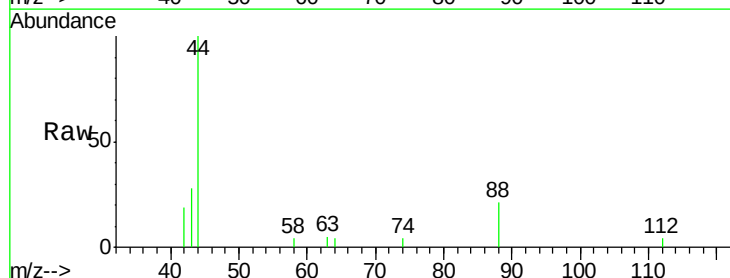
Tgt Ion: 88 Resp: 184

Ion Ratio Lower Upper

88 100

58 0.0 70.0 105.0#

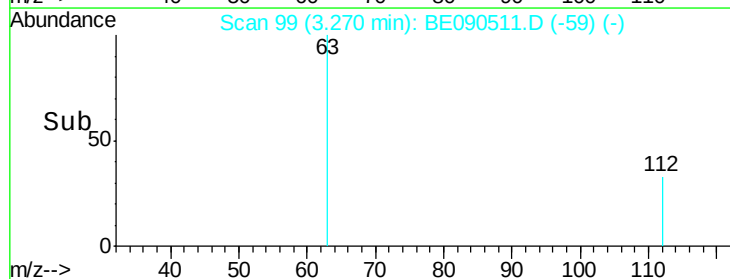
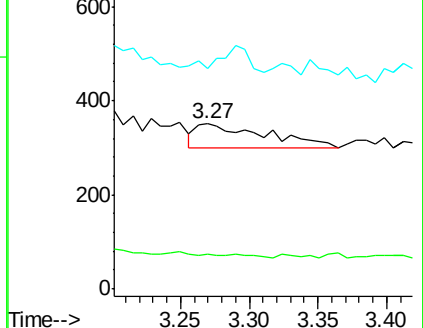
43 0.0 28.4 42.6#

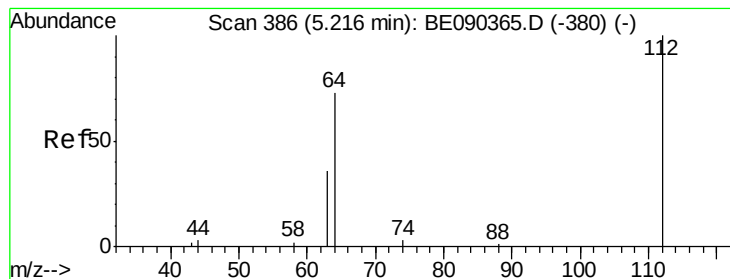


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 5.99 ng

RT: 5.22 min Scan# 386

Delta R.T. -0.00 min

Lab File: BE090511.D

Acq: 13 Aug 2015 21:52

Instrument :

BNA_E

ClientSampleId :

081215-D534-F-U-S

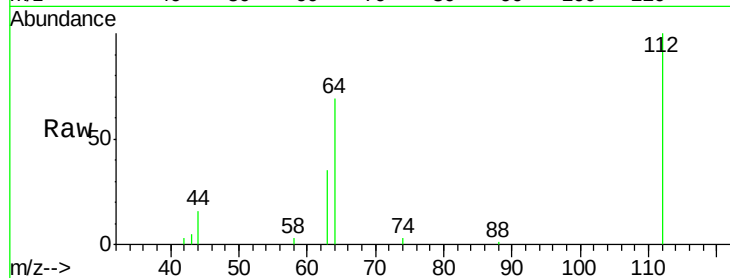
Tgt Ion: 112 Resp: 20836

Ion Ratio Lower Upper

112 100

64 70.0 37.1 55.7#

63 36.1 19.5 29.3#

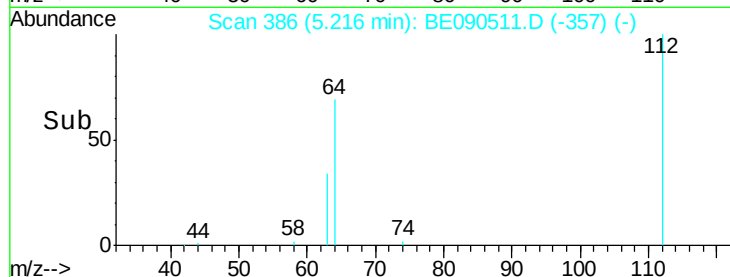


Abundance Ion 112.00 (111.70 to 112.70): BE090511.D (-357) (-)

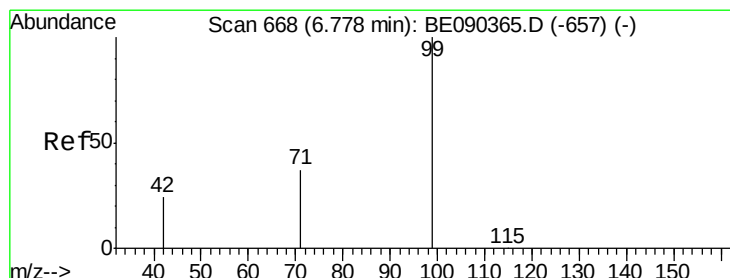
Ion 64.00 (63.70 to 64.70): BE090511.D (-357) (-)

Ion 63.00 (62.70 to 63.70): BE090511.D (-357) (-)

Time-->



Time-->



#5

Phenol-d6

Concen: 2.66 ng

RT: 6.77 min Scan# 667

Delta R.T. -0.00 min

Lab File: BE090511.D

Acq: 13 Aug 2015 21:52

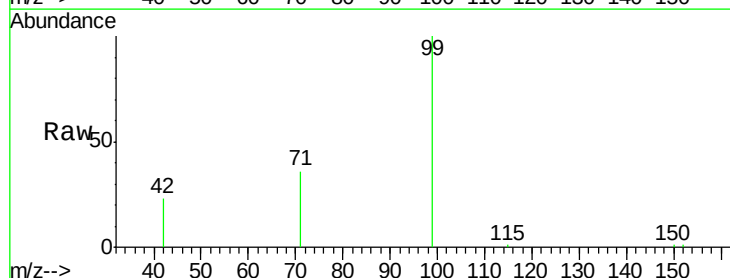
Tgt Ion: 99 Resp: 18797

Ion Ratio Lower Upper

99 100

42 20.1 18.2 27.4

71 33.7 27.4 41.0

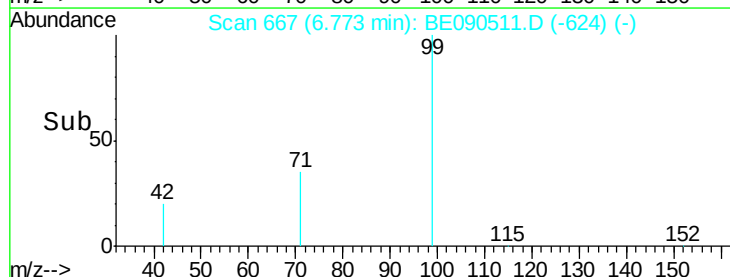


Abundance Ion 99.00 (98.70 to 99.70): BE090511.D (-624) (-)

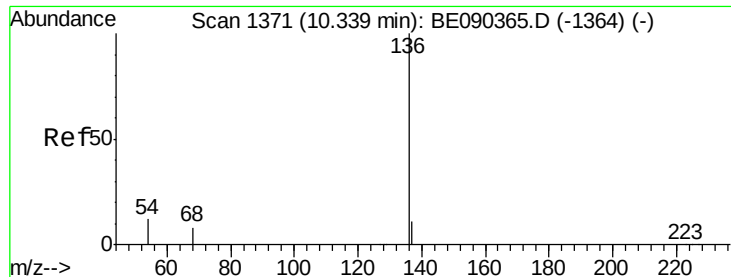
Ion 42.00 (41.70 to 42.70): BE090511.D (-624) (-)

Ion 71.00 (70.70 to 71.70): BE090511.D (-624) (-)

Time-->



Time-->



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.34 min Scan# 1371

Delta R.T. -0.00 min

Lab File: BE090511.D

Acq: 13 Aug 2015 21:52

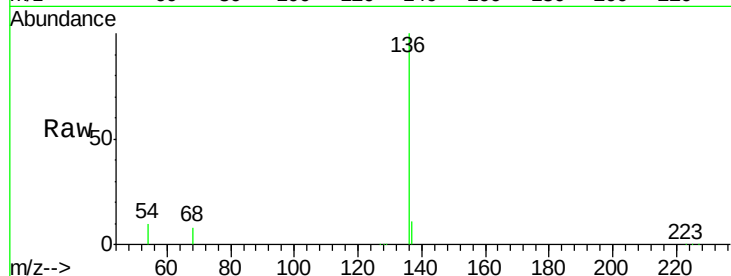
Instrument :

BNA_E

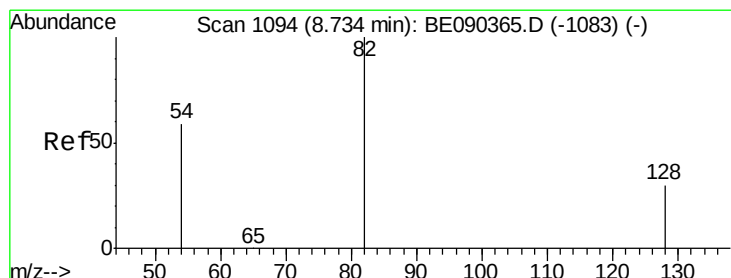
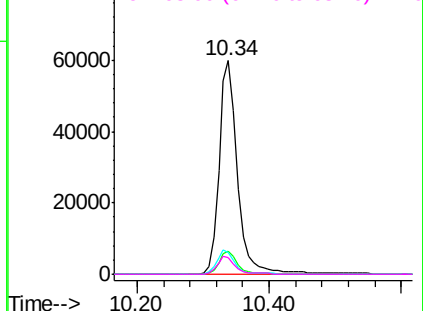
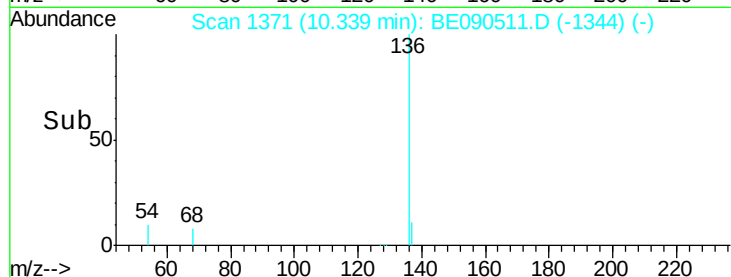
ClientSampleId :

081215-D534-F-U-S

Tgt Ion:	136	Resp:	115505
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	10.5	9.4	14.0
68	7.9	6.5	9.7



Abundance Ion 136.00 (135.70 to 136.70): BE090511.D (-1364) (-)



#7

Nitrobenzene-d5

Concen: 3.69 ng

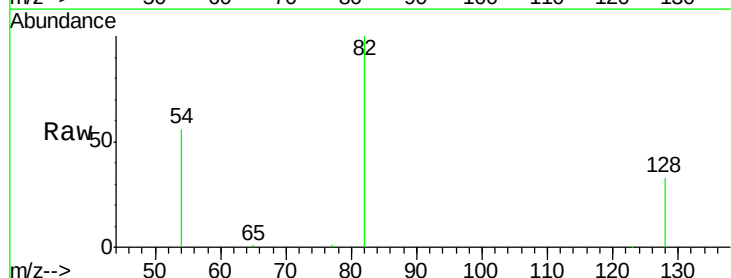
RT: 8.72 min Scan# 1092

Delta R.T. -0.01 min

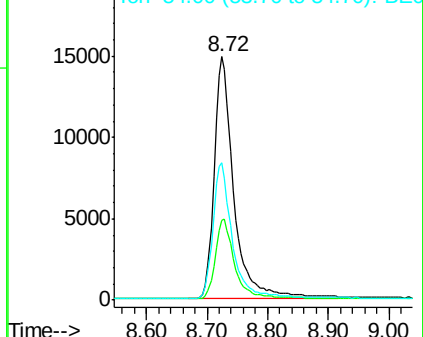
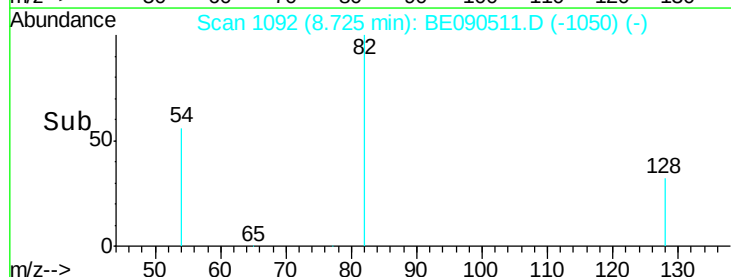
Lab File: BE090511.D

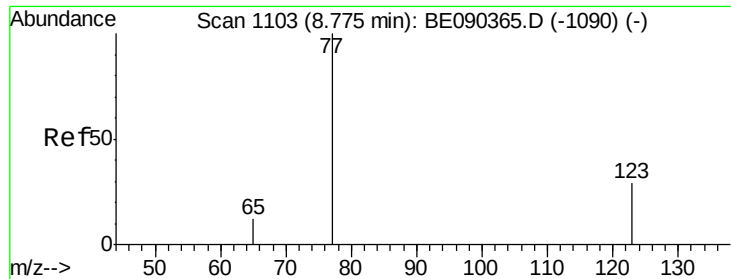
Acq: 13 Aug 2015 21:52

Tgt Ion:	82	Resp:	34137
Ion	Ratio	Lower	Upper
82	100		
128	32.5	25.0	37.6
54	56.3	48.8	73.2



Abundance Ion 82.00 (81.70 to 82.70): BE090511.D (-1083) (-)





#8

Nitrobenzene

Concen: 0.21 ng

RT: 8.81 min Scan# 1111

Delta R.T. 0.04 min

Lab File: BE090511.D

Acq: 13 Aug 2015 21:52

Instrument :

BNA_E

ClientSampleId :

081215-D534-F-U-S

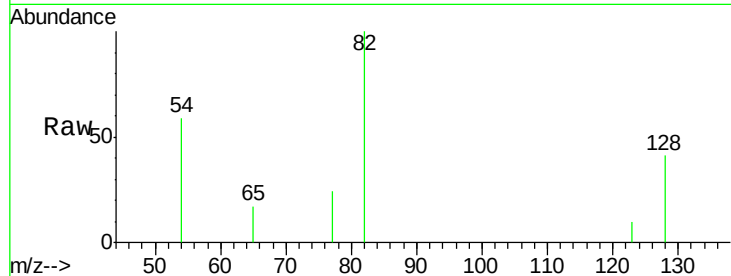
Tgt Ion: 77 Resp: 10

Ion Ratio Lower Upper

77 100

123 0.0 25.1 37.7#

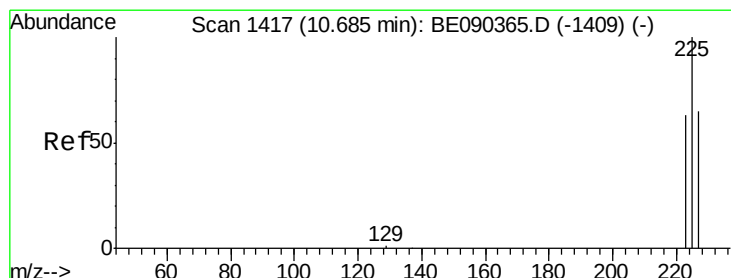
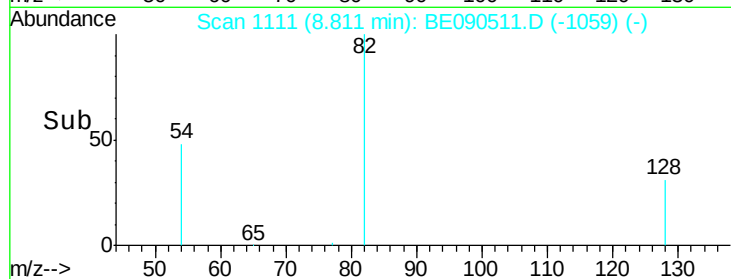
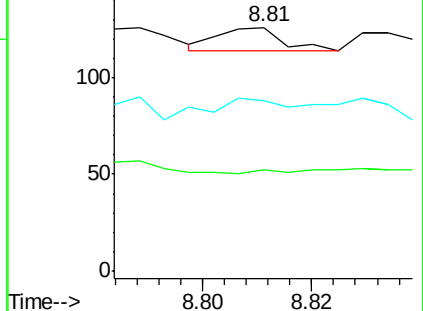
65 110.0 9.3 13.9#



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: BE090511.D

Acq: 13 Aug 2015 21:52

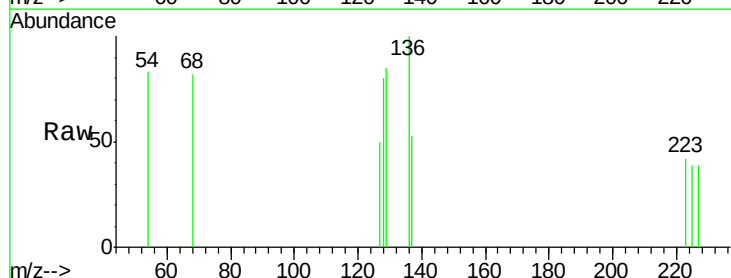
Tgt Ion: 225 Resp: 1

Ion Ratio Lower Upper

225 100

223 700.0 50.6 75.8#

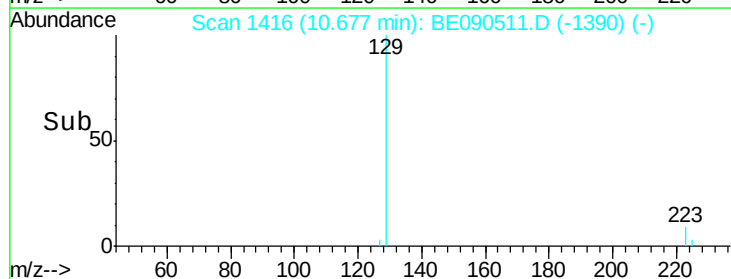
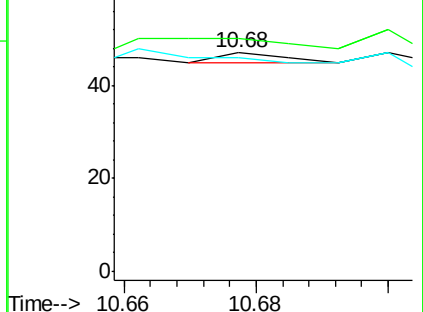
227 700.0 50.7 76.1#

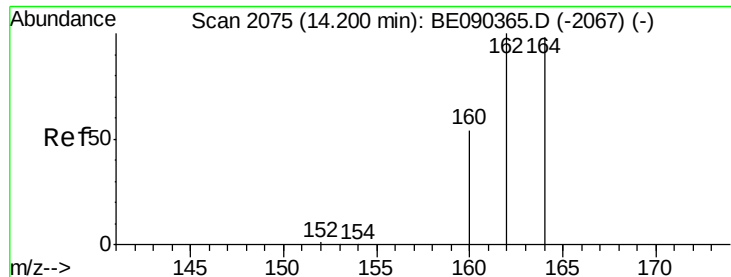


Abundance Ion 225.00 (224.70 to 225.70): E

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: 14.19 min Scan# 2074

Delta R.T. -0.01 min

Lab File: BE090511.D

Acq: 13 Aug 2015 21:52

Instrument :

BNA_E

ClientSampleId :

081215-D534-F-U-S

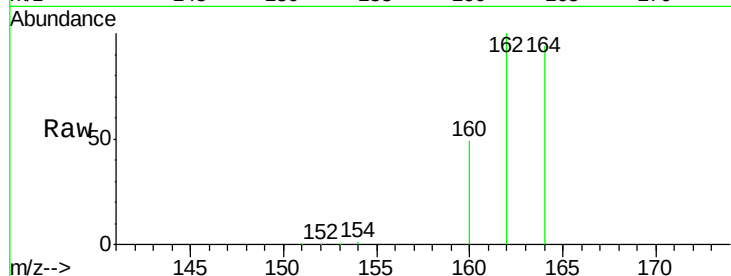
Tgt Ion:164 Resp: 63569

Ion Ratio Lower Upper

164 100

162 106.0 81.8 122.8

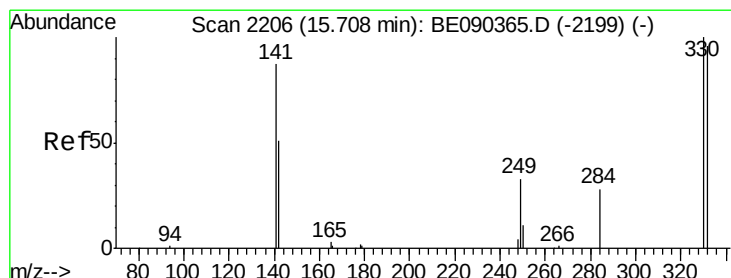
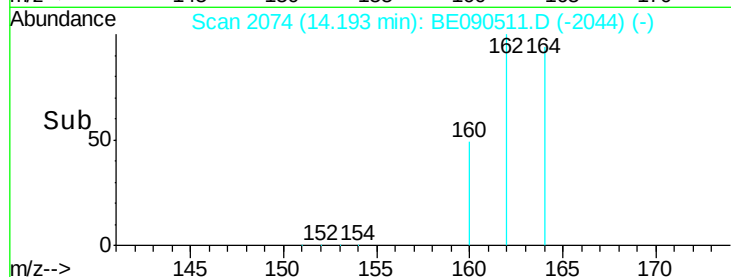
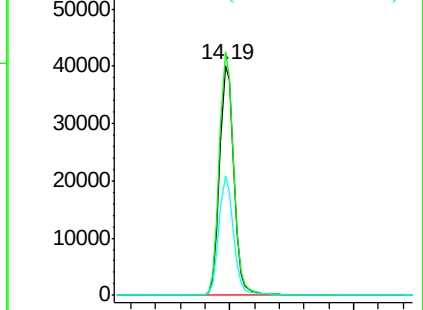
160 52.0 44.2 66.4



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: 10.55 ng

RT: 15.69 min Scan# 2205

Delta R.T. -0.02 min

Lab File: BE090511.D

Acq: 13 Aug 2015 21:52

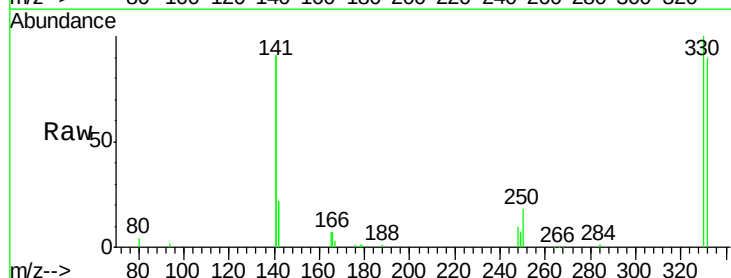
Tgt Ion:330 Resp: 23639

Ion Ratio Lower Upper

330 100

332 96.4 75.8 113.6

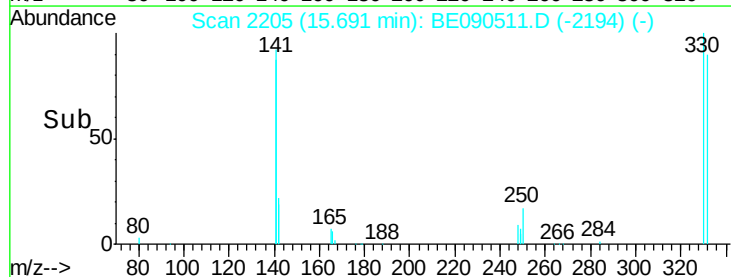
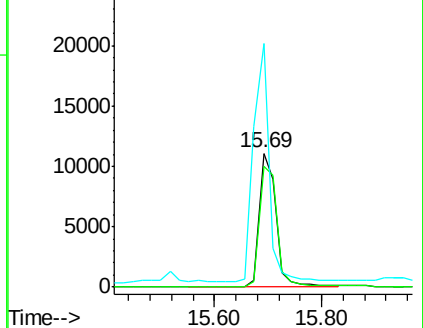
141 167.5 114.4 171.6

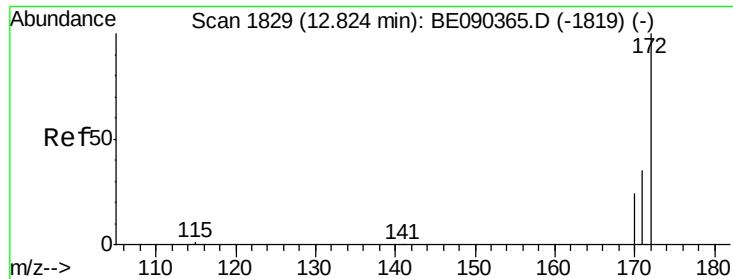


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

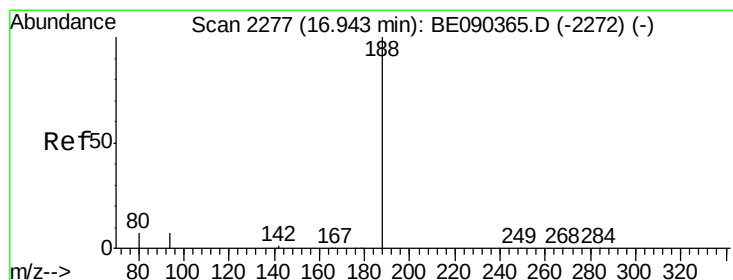
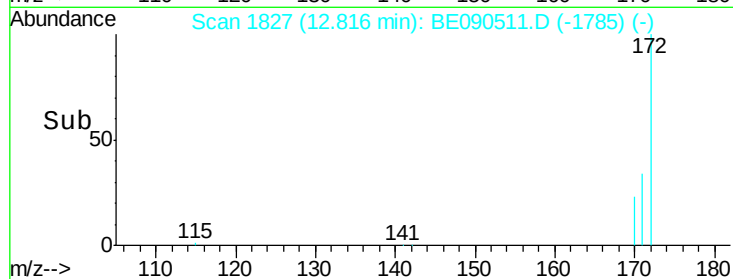
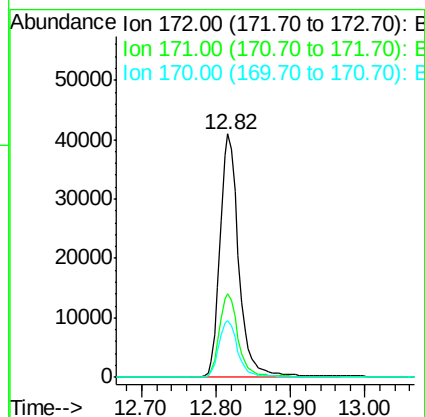
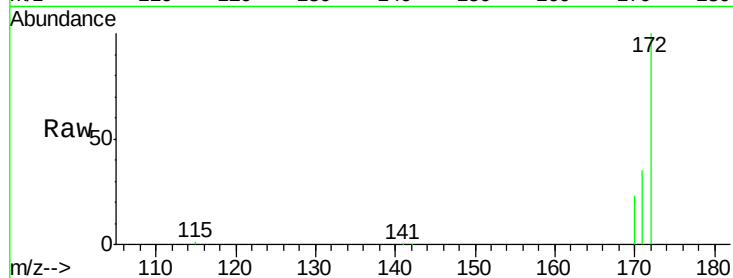




#14
2-Fluorobiphenyl
Concen: 4.10 ng
RT: 12.82 min Scan# 1827
Delta R.T. -0.01 min
Lab File: BE090511.D
Acq: 13 Aug 2015 21:52

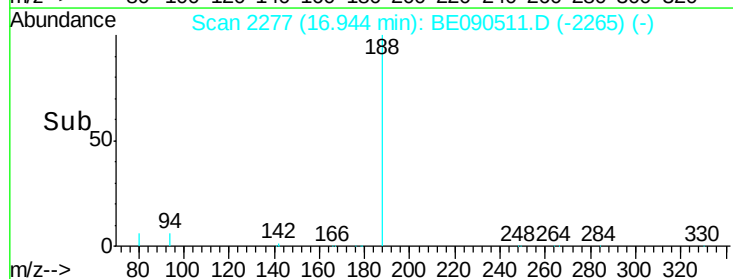
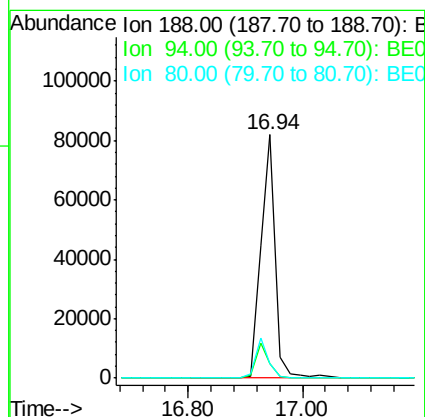
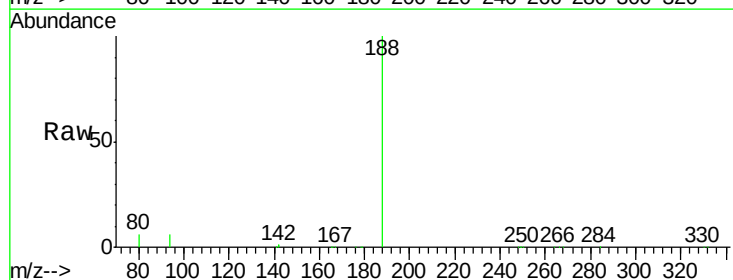
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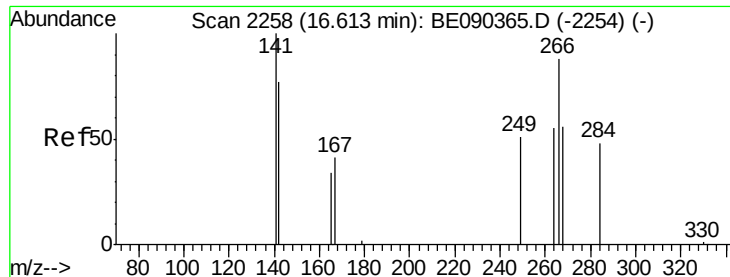
Tgt Ion:172 Resp: 71669
Ion Ratio Lower Upper
172 100
171 34.5 28.5 42.7
170 23.3 19.8 29.8



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 2277
Delta R.T. 0.00 min
Lab File: BE090511.D
Acq: 13 Aug 2015 21:52

Tgt Ion:188 Resp: 144269
Ion Ratio Lower Upper
188 100
94 5.8 5.7 8.5
80 6.0 5.8 8.8





#21

Pentachlorophenol

Concen: 0.13 ng

RT: 16.60 min Scan# 2257

Delta R.T. -0.02 min

Lab File: BE090511.D

Acq: 13 Aug 2015 21:52

Instrument :

BNA_E

ClientSampleId :

081215-D534-F-U-S

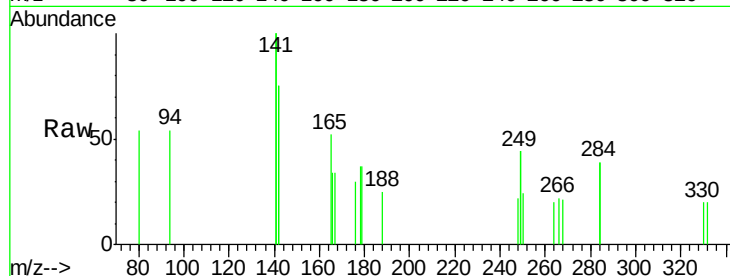
Tgt Ion:266 Resp: 40

Ion Ratio Lower Upper

266 100

268 94.4 58.5 87.7#

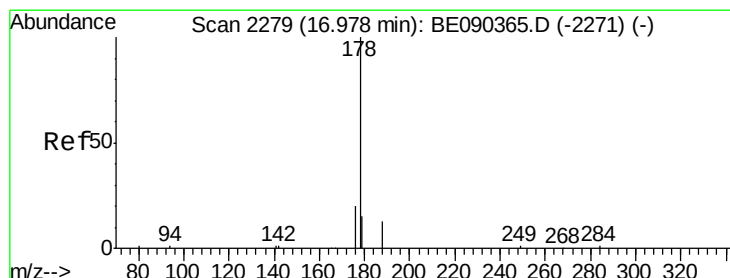
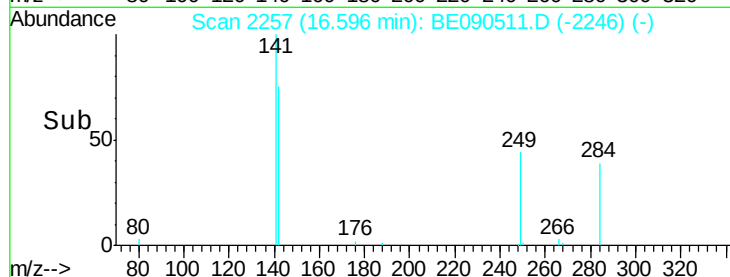
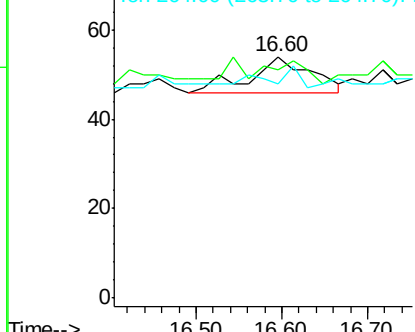
264 88.9 56.0 84.0#



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



#22

Phenanthrene

Concen: 0.02 ng

RT: 16.98 min Scan# 2279

Delta R.T. 0.00 min

Lab File: BE090511.D

Acq: 13 Aug 2015 21:52

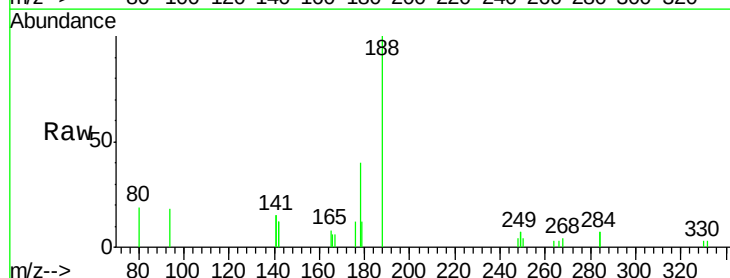
Tgt Ion:178 Resp: 839

Ion Ratio Lower Upper

178 100

176 24.9 15.4 23.2#

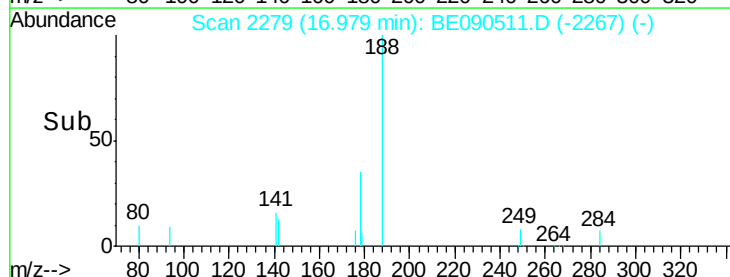
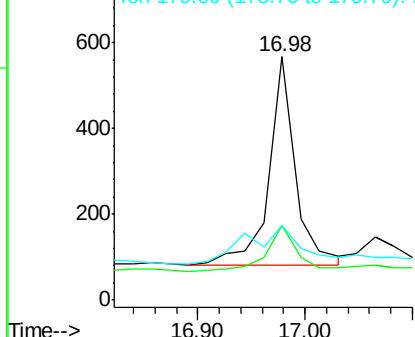
179 46.0 12.5 18.7#

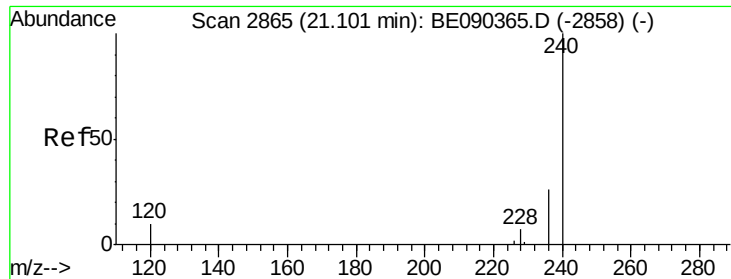


Abundance Ion 178.00 (177.70 to 178.70): E

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: BE090511.D

Acq: 13 Aug 2015 21:52

Instrument :

BNA_E

ClientSampleId :

081215-D534-F-U-S

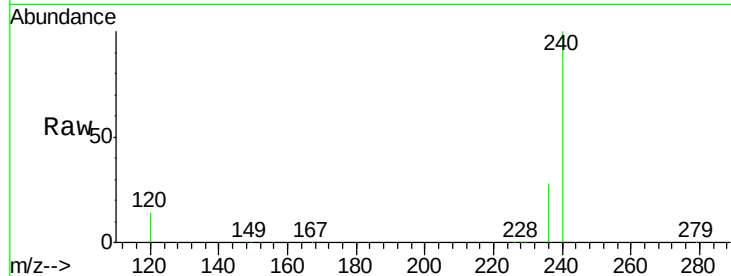
Tgt Ion:240 Resp: 145251

Ion Ratio Lower Upper

240 100

120 14.3 8.3 12.5#

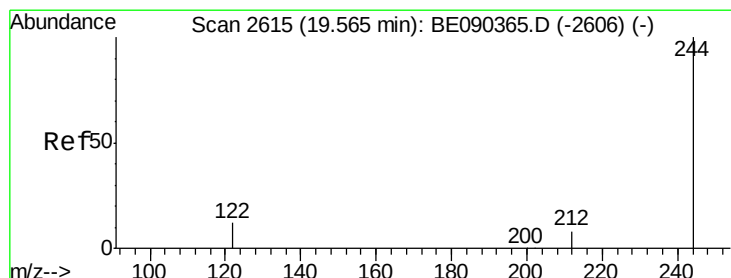
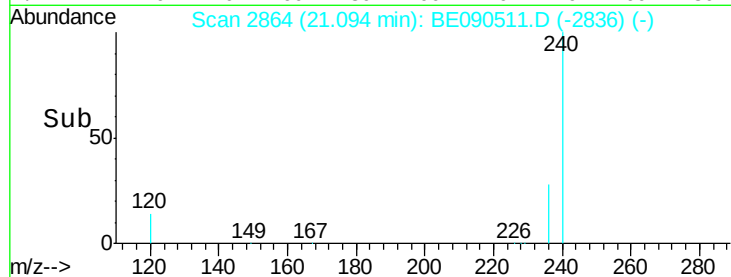
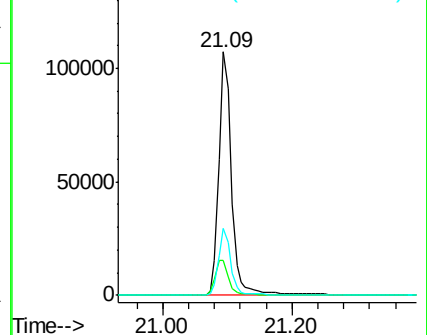
236 27.8 21.0 31.4



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: 5.36 ng

RT: 19.55 min Scan# 2613

Delta R.T. -0.01 min

Lab File: BE090511.D

Acq: 13 Aug 2015 21:52

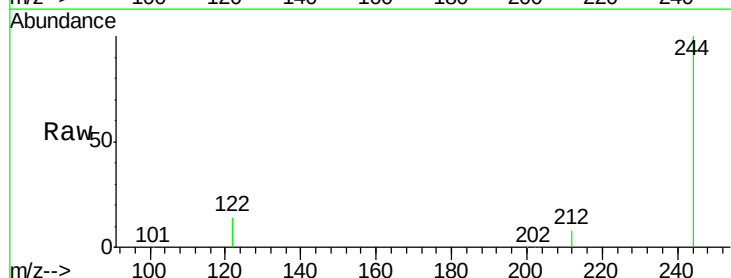
Tgt Ion:244 Resp: 114638

Ion Ratio Lower Upper

244 100

212 8.0 6.6 9.8

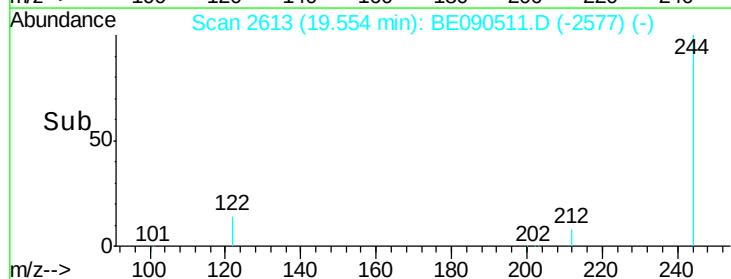
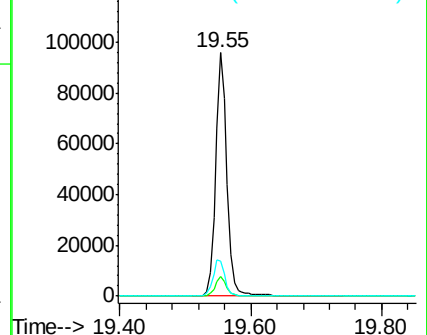
122 14.4 10.2 15.4

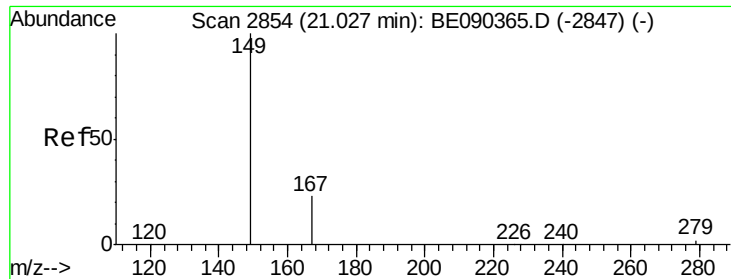


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#30

Bis(2-ethylhexyl)phthalate

Concen: 0.53 ng

RT: 21.03 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BE090511.D

Acq: 13 Aug 2015 21:52

Instrument :

BNA_E

ClientSampleId :

081215-D534-F-U-S

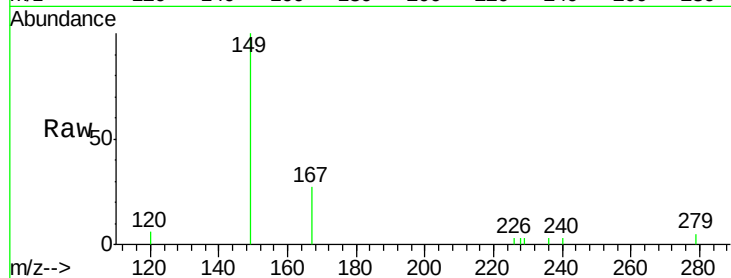
Tgt Ion:149 Resp: 3283

Ion Ratio Lower Upper

149 100

167 25.3 19.8 29.8

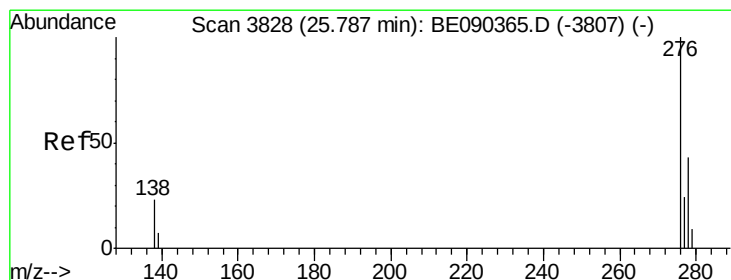
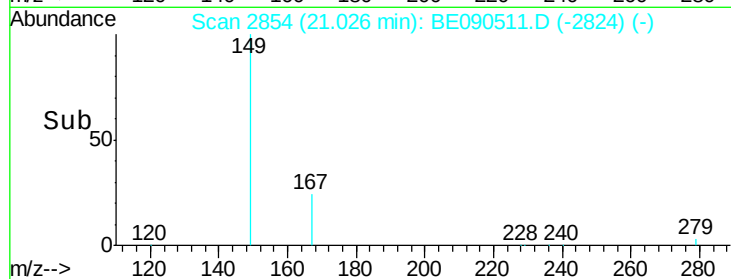
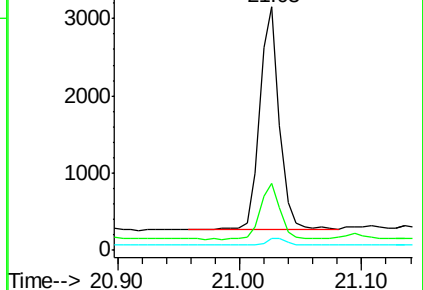
279 3.0 2.4 3.6



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# 3828

Delta R.T. 0.00 min

Lab File: BE090511.D

Acq: 13 Aug 2015 21:52

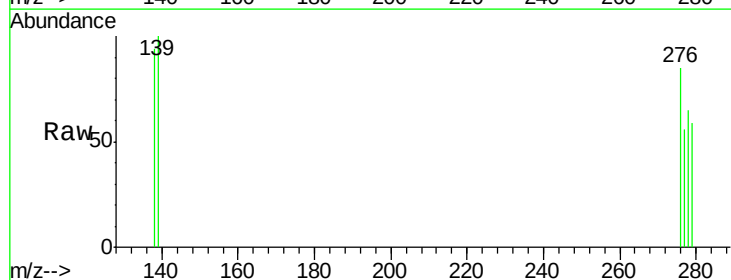
Tgt Ion:276 Resp: 207

Ion Ratio Lower Upper

276 100

138 9.2 18.8 28.2#

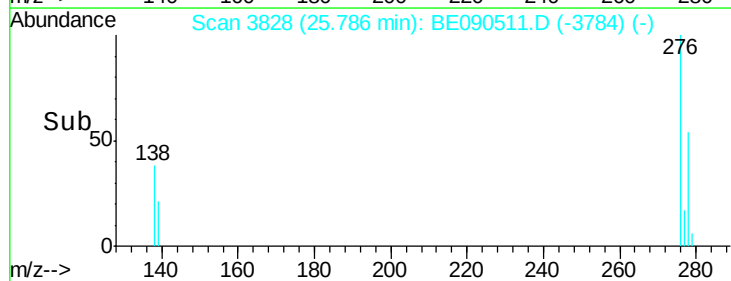
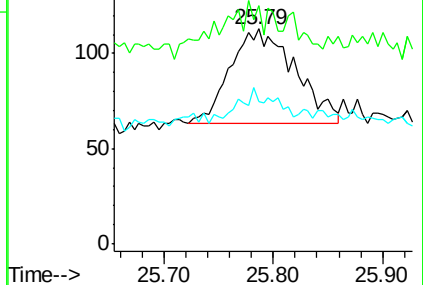
277 13.5 18.2 27.4#

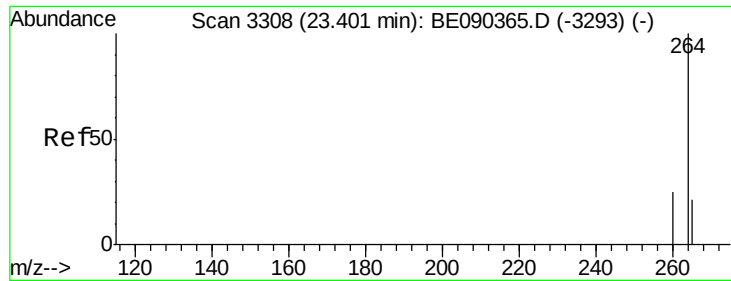


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

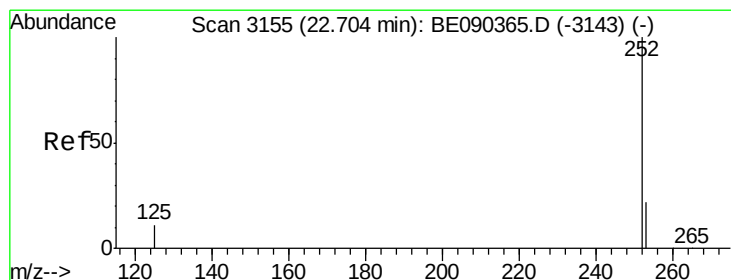
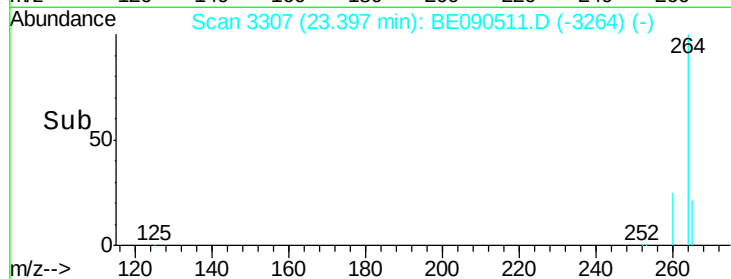
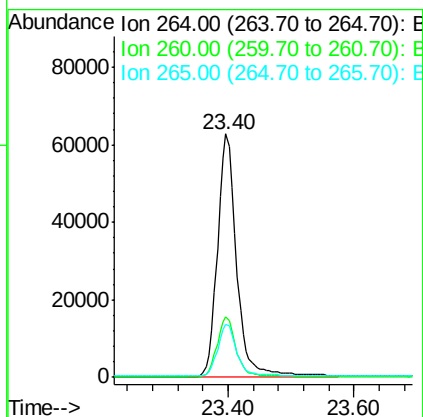
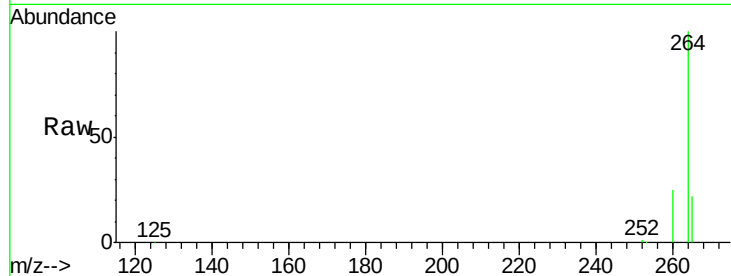




#32
Perylene-d12
 Concen: 5.00 ng
 RT: 23.40 min Scan# 3307
 Delta R.T. -0.00 min
 Lab File: BE090511.D
 Acq: 13 Aug 2015 21:52

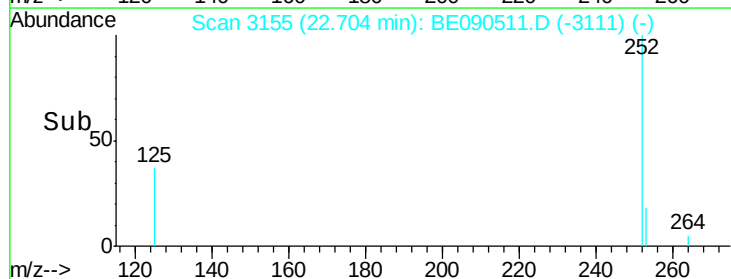
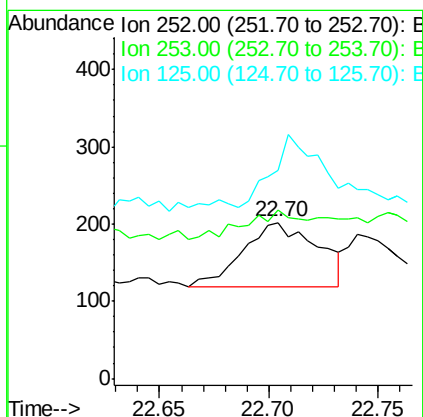
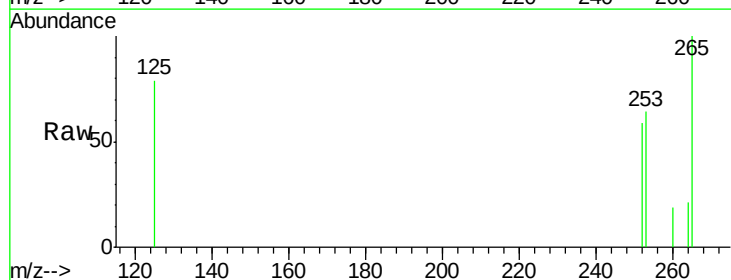
Instrument :
 BNA_E
 ClientSampleId :
 081215-D534-F-U-S

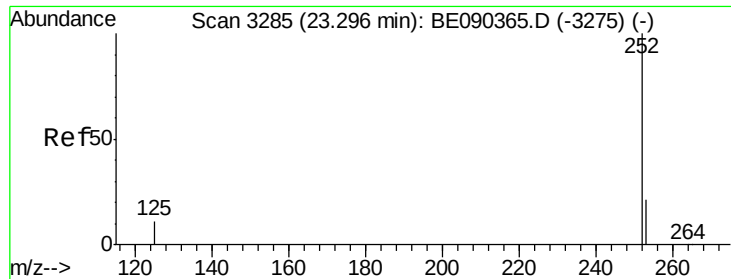
Tgt Ion: 264 Resp: 132937
 Ion Ratio Lower Upper
 264 100
 260 25.1 20.1 30.1
 265 21.7 17.2 25.8



#33
Benzo(b)fluoranthene
 Concen: 0.20 ng
 RT: 22.70 min Scan# 3155
 Delta R.T. 0.00 min
 Lab File: BE090511.D
 Acq: 13 Aug 2015 21:52

Tgt Ion: 252 Resp: 196
 Ion Ratio Lower Upper
 252 100
 253 107.9 18.1 27.1#
 125 133.7 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: BE090511.D

Acq: 13 Aug 2015 21:52

Instrument :

BNA_E

ClientSampleId :

081215-D534-F-U-S

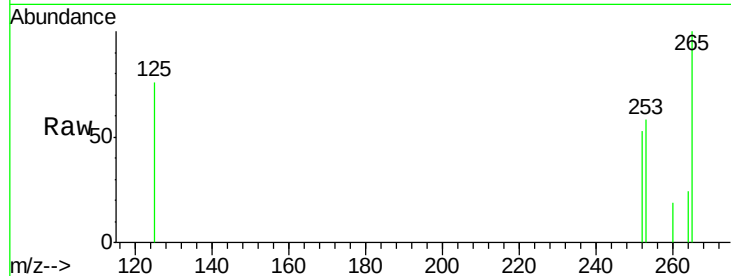
Tgt Ion:252 Resp: 130

Ion Ratio Lower Upper

252 100

253 110.1 17.6 26.4#

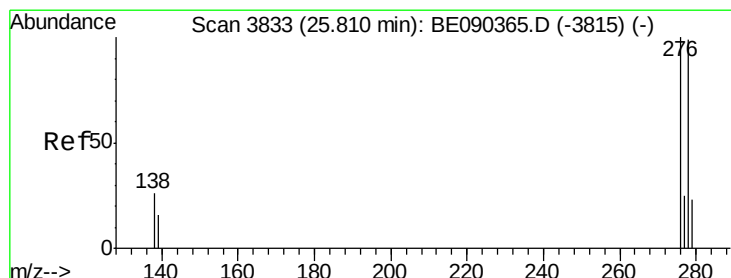
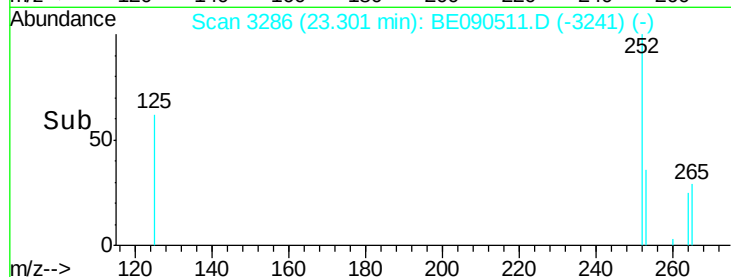
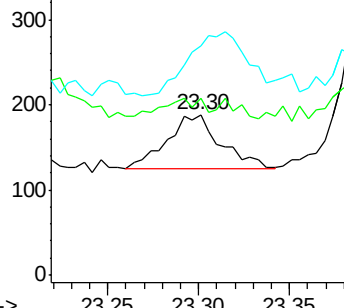
125 143.1 9.8 14.6#



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: BE090511.D

Acq: 13 Aug 2015 21:52

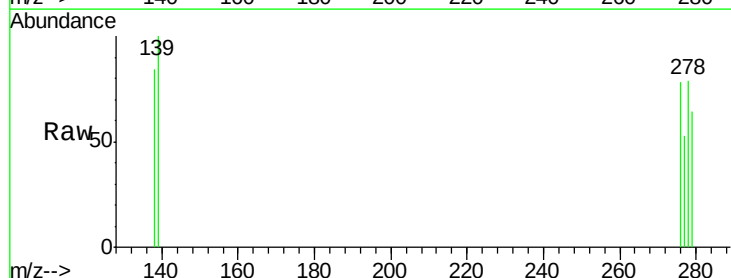
Tgt Ion:278 Resp: 189

Ion Ratio Lower Upper

278 100

139 126.7 14.2 21.4#

279 81.0 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

