

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE091515\
 Data File : BE090834.D
 Acq On : 15 Sep 2015 15:47
 Operator : UM/IZ
 Sample : PB85543BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB85543BL

Quant Time: Sep 15 16:30:43 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 11:40:50 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	35966	5.00	ng	0.00
6) Naphthalene-d8	10.31	136	147657	5.00	ng	0.00
12) Acenaphthene-d10	14.17	164	73712	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	191885	5.00	ng	0.00
25) Chrysene-d12	21.07	240	269142	5.00	ng	0.00
32) Perylene-d12	23.35	264	266463	5.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.18	112	46797	6.68	ng	0.00
5) Phenol-d6	6.75	99	59911	5.98	ng	0.00
7) Nitrobenzene-d5	8.72	82	26209	2.69	ng	0.01
13) 2,4,6-Tribromophenol	15.69	330	8928	4.20	ng	0.02
14) 2-Fluorobiphenyl	12.81	172	56423	2.76	ng	0.00
27) Terphenyl-d14	19.53	244	106423	3.57	ng	0.00

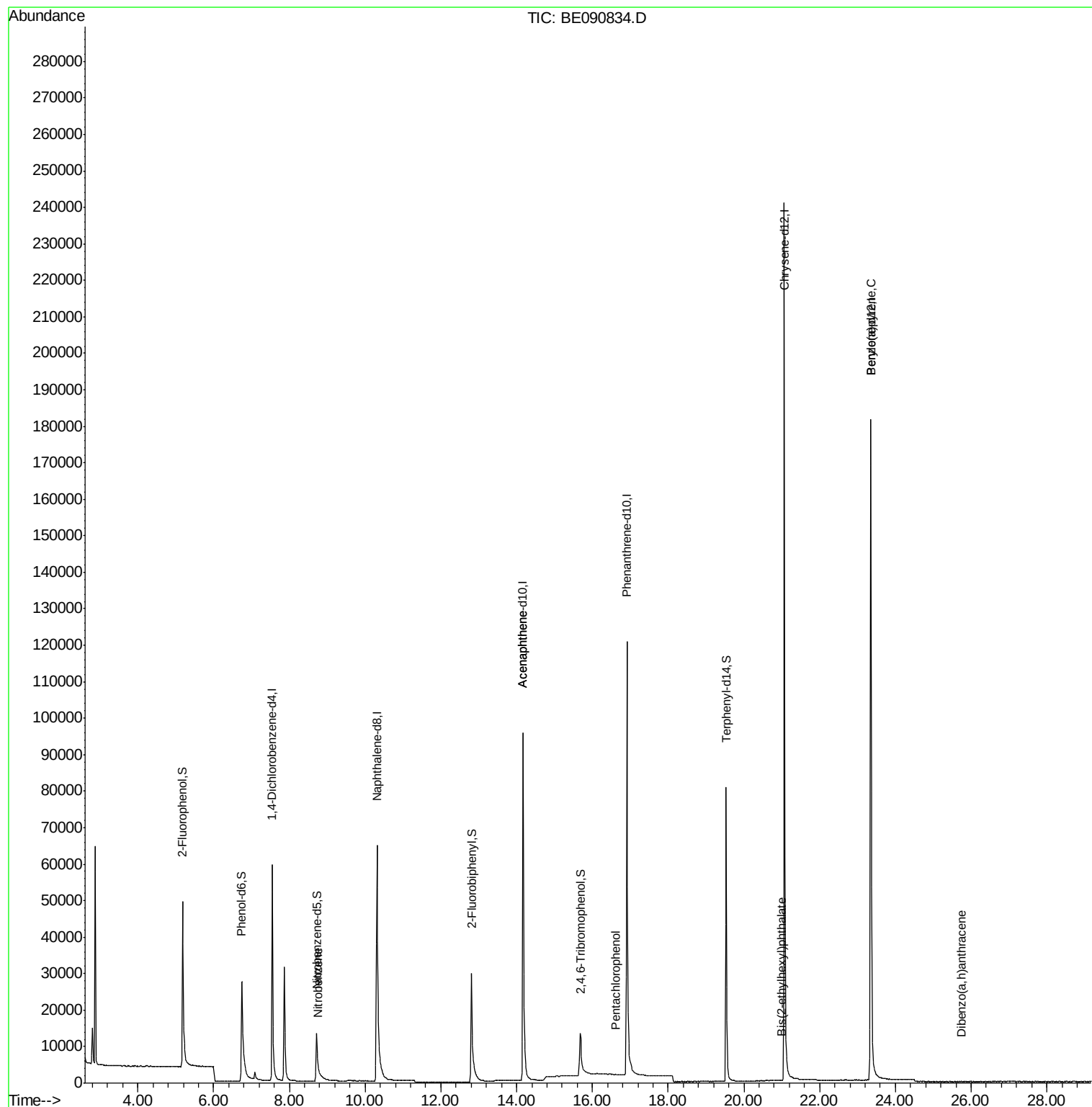
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.17	88	48	Below Cal	#	1
3) n-Nitrosodimethylamine	3.45	42	20	Below Cal	#	1
8) Nitrobenzene	8.76	77	13	0.11	ng	50
16) Acenaphthene	14.17	154	514	0.03	ng	1
20) Hexachlorobenzene	16.20	284	48	Below Cal	#	1
21) Pentachlorophenol	16.61	266	4	0.46	ng	48
29) Chrysene	21.07	228	940	Below Cal	#	74
30) Bis(2-ethylhexyl)phthalate	21.00	149	164	0.07	ng	79
35) Benzo(a)pyrene	23.35	252	1055	0.02	ng	33
36) Dibenzo(a,h)anthracene	25.74	278	2	0.14	ng	1

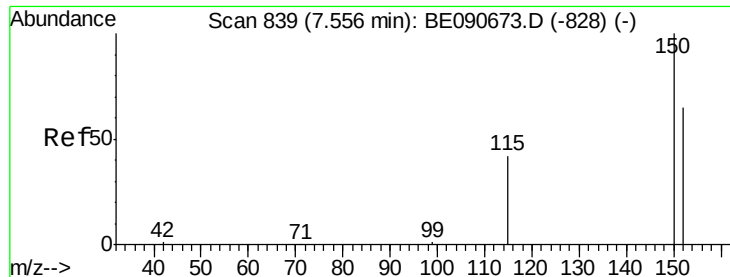
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE091515\
Data File : BE090834.D
Acq On : 15 Sep 2015 15:47
Operator : UM/IZ
Sample : PB85543BL
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB85543BL

Quant Time: Sep 15 16:30:43 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 11:40:50 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.55 min Scan# 837

Delta R.T. -0.01 min

Lab File: BE090834.D

Acq: 15 Sep 2015 15:47

Instrument :

BNA_E

ClientSampleId :

PB85543BL

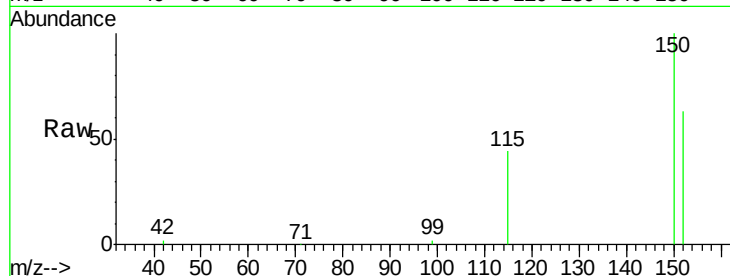
Tgt Ion: 152 Resp: 35966

Ion Ratio Lower Upper

152 100

150 159.0 122.2 183.4

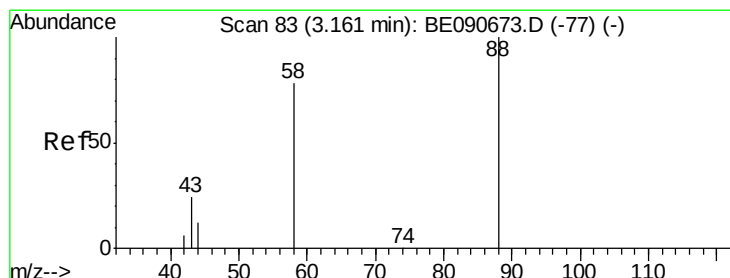
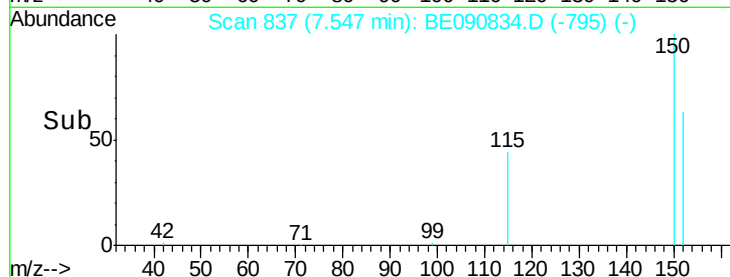
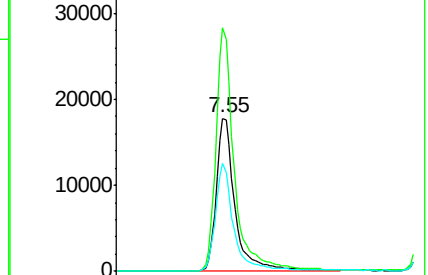
115 70.3 51.0 76.4



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: 3.17 min Scan# 84

Delta R.T. 0.01 min

Lab File: BE090834.D

Acq: 15 Sep 2015 15:47

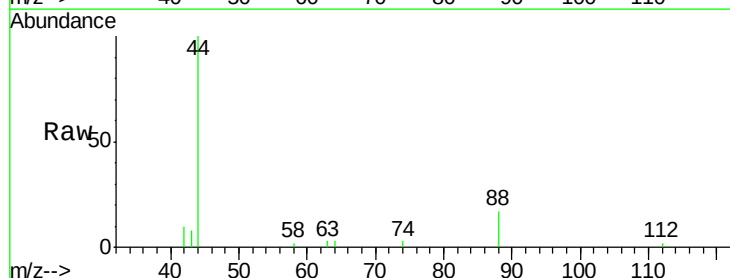
Tgt Ion: 88 Resp: 48

Ion Ratio Lower Upper

88 100

58 0.0 68.4 102.6#

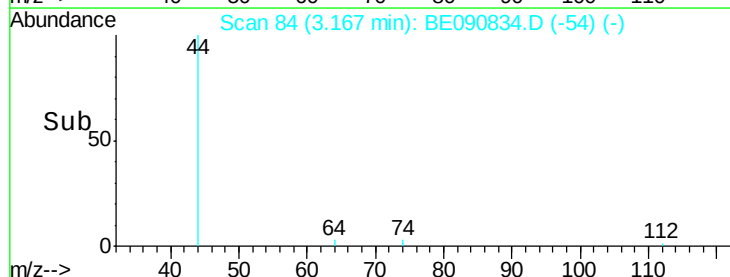
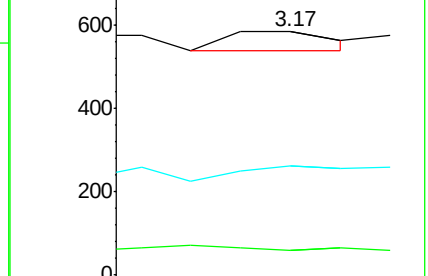
43 156.3 26.9 40.3#

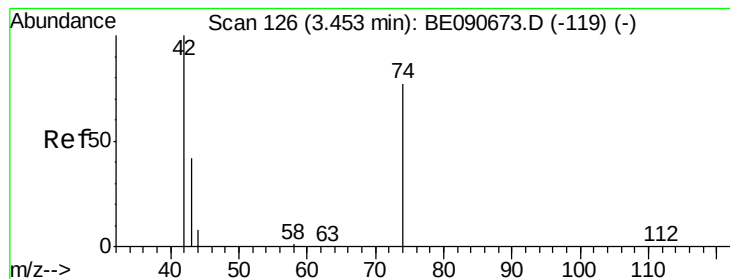


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



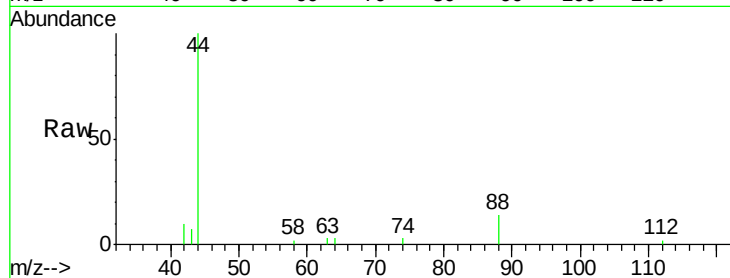


#3

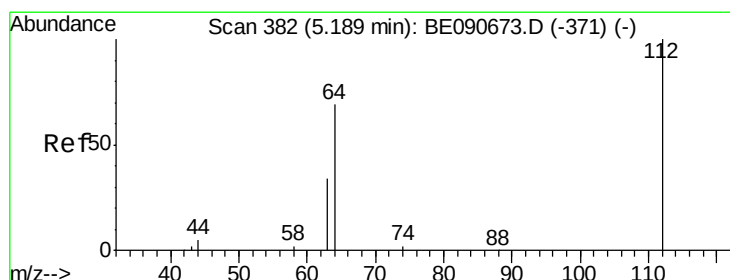
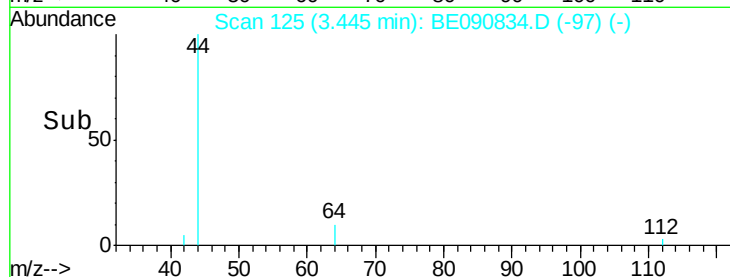
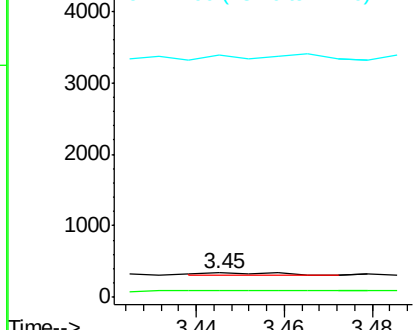
n-Nitrosodimethylamine
Concen: Below Cal
RT: 3.45 min Scan# 125
Delta R.T. -0.01 min
Lab File: BE090834.D
Acq: 15 Sep 2015 15:47

Instrument :
BNA_E
ClientSampleId :
PB85543BL

Tgt Ion: 42 Resp: 20
Ion Ratio Lower Upper
42 100
74 50.0 83.7 125.5#
44 345.0 10.0 15.0#



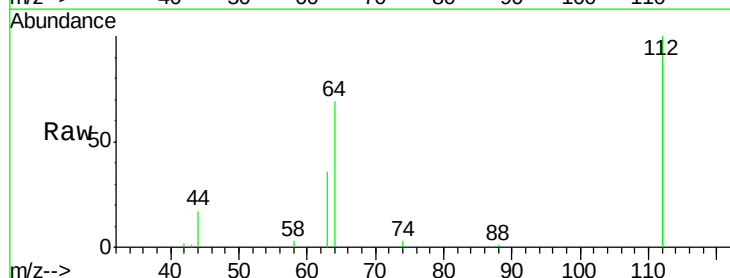
Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0



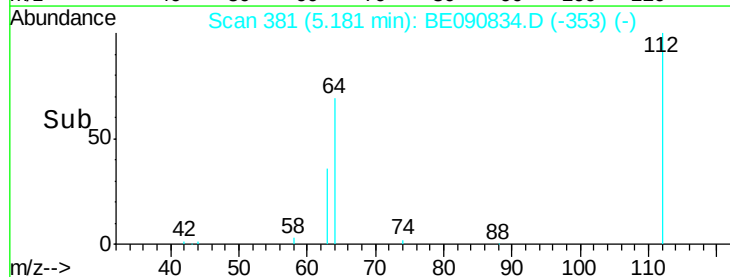
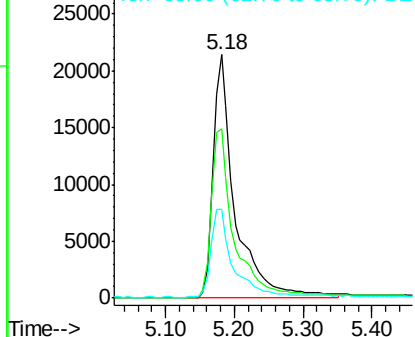
#4

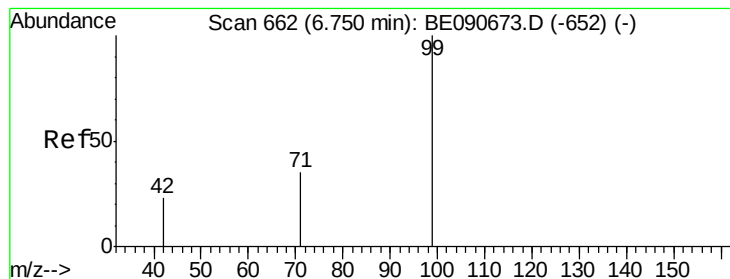
2-Fluorophenol
Concen: 6.68 ng
RT: 5.18 min Scan# 381
Delta R.T. -0.01 min
Lab File: BE090834.D
Acq: 15 Sep 2015 15:47

Tgt Ion: 112 Resp: 46797
Ion Ratio Lower Upper
112 100
64 72.7 57.3 85.9
63 37.6 29.2 43.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 5.98 ng

RT: 6.75 min Scan# 661

Delta R.T. -0.00 min

Lab File: BE090834.D

Acq: 15 Sep 2015 15:47

Instrument :

BNA_E

ClientSampleId :

PB85543BL

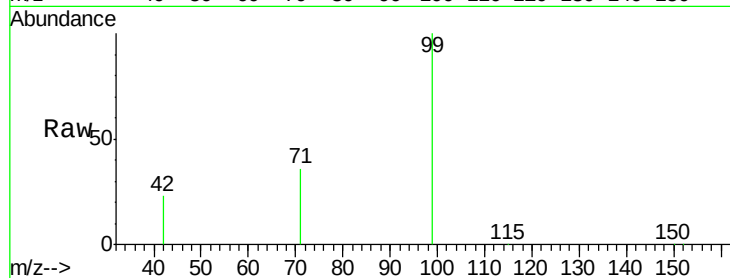
Tgt Ion: 99 Resp: 59911

Ion Ratio Lower Upper

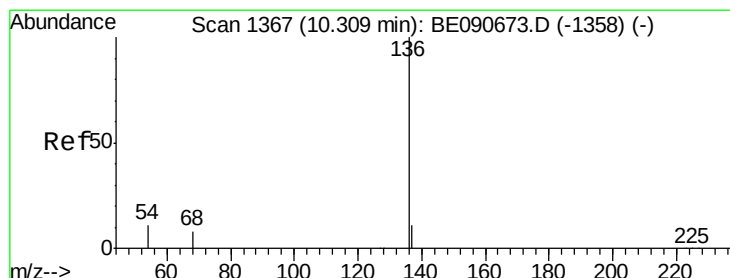
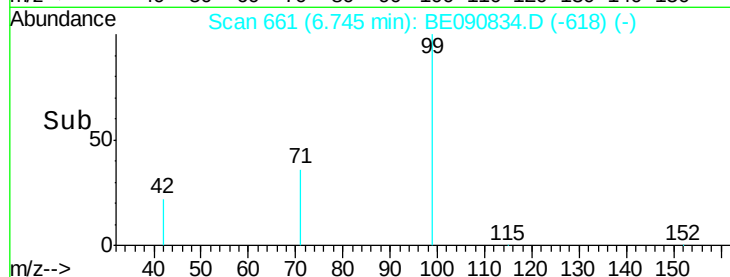
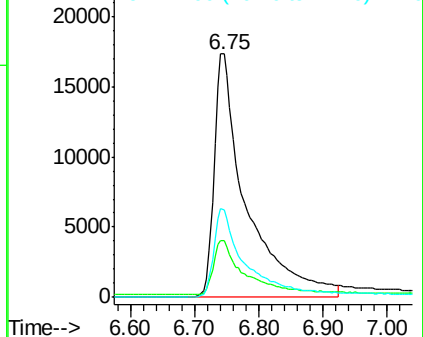
99 100

42 21.9 16.8 25.2

71 35.6 28.3 42.5



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: 10.31 min Scan# 1367

Delta R.T. 0.00 min

Lab File: BE090834.D

Acq: 15 Sep 2015 15:47

Tgt Ion: 136 Resp: 147657

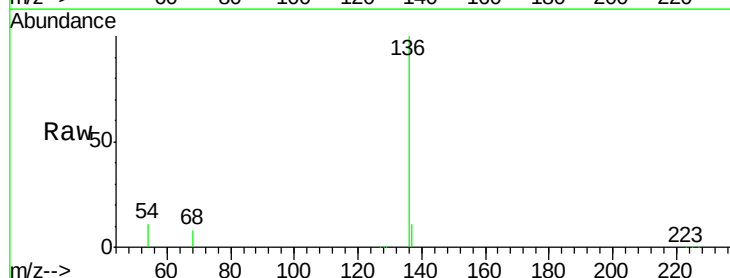
Ion Ratio Lower Upper

136 100

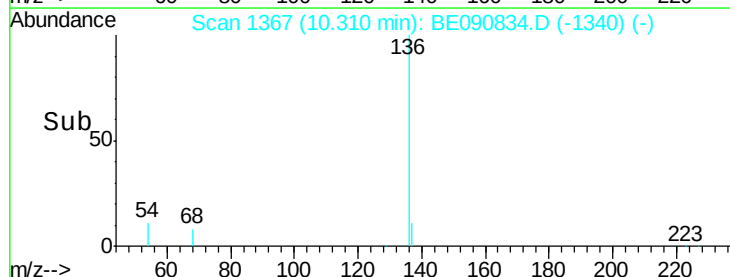
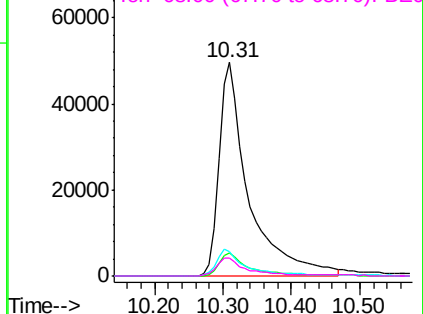
137 11.0 8.7 13.1

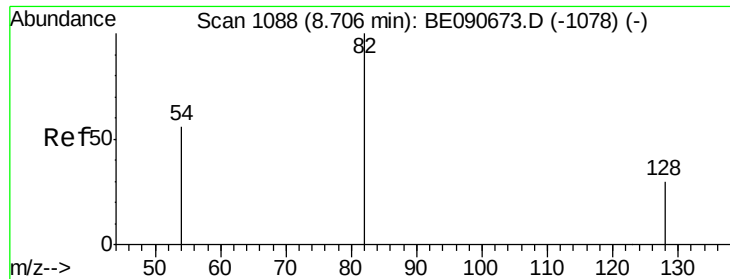
54 11.3 9.0 13.6

68 8.2 6.3 9.5



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BE0
Ion 68.00 (67.70 to 68.70): BE0





#7

Nitrobenzene-d5

Concen: 2.69 ng

RT: 8.72 min Scan# 1091

Delta R.T. 0.01 min

Lab File: BE090834.D

Acq: 15 Sep 2015 15:47

Instrument :

BNA_E

ClientSampleId :

PB85543BL

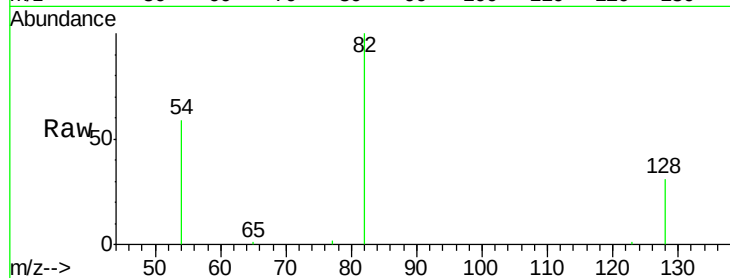
Tgt Ion: 82 Resp: 26209

Ion Ratio Lower Upper

82 100

128 30.8 25.0 37.4

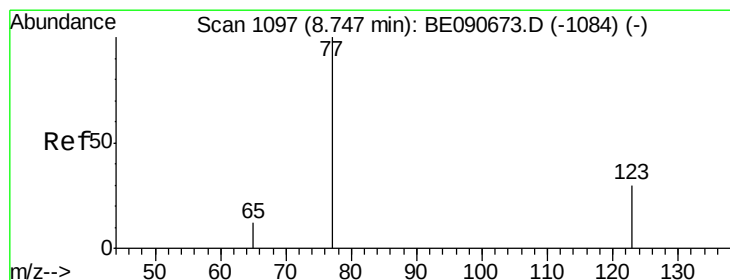
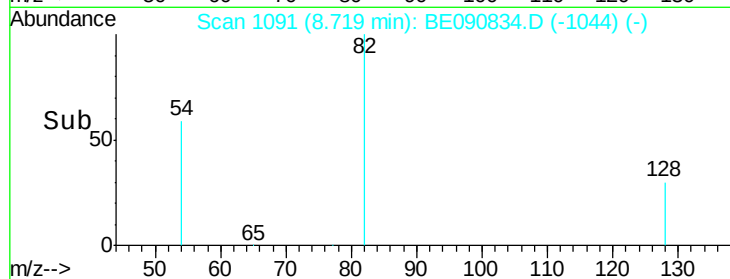
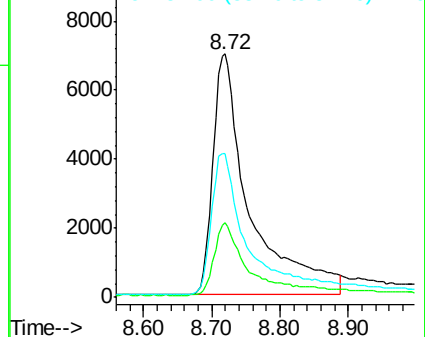
54 59.2 46.3 69.5



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#8

Nitrobenzene

Concen: 0.11 ng

RT: 8.76 min Scan# 1099

Delta R.T. 0.01 min

Lab File: BE090834.D

Acq: 15 Sep 2015 15:47

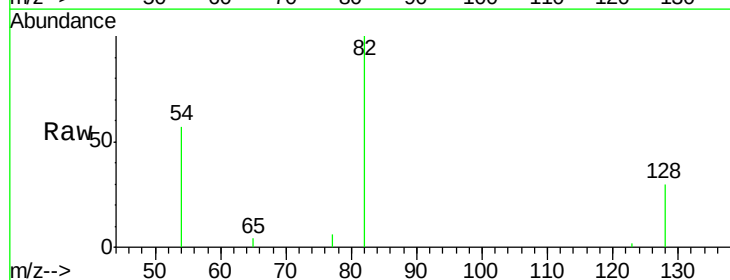
Tgt Ion: 77 Resp: 13

Ion Ratio Lower Upper

77 100

123 0.0 25.1 37.7#

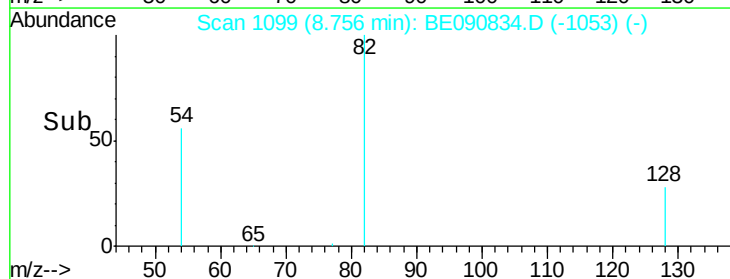
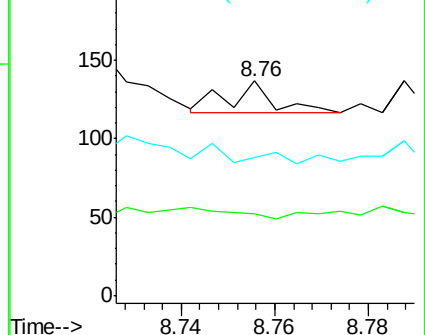
65 0.0 9.9 14.9#

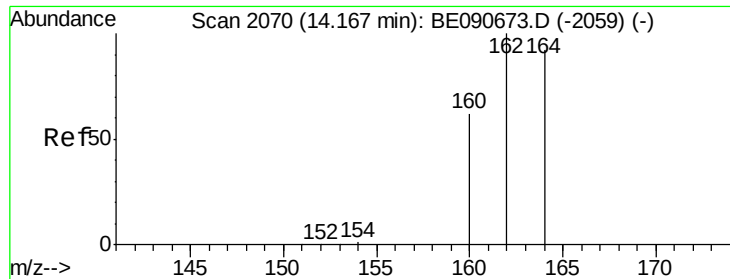


Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.17 min Scan# 2071

Delta R.T. 0.01 min

Lab File: BE090834.D

Acq: 15 Sep 2015 15:47

Instrument :

BNA_E

ClientSampleId :

PB85543BL

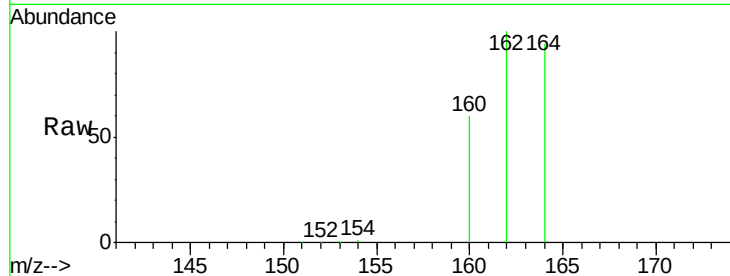
Tgt Ion:164 Resp: 73712

Ion Ratio Lower Upper

164 100

162 106.4 86.8 130.2

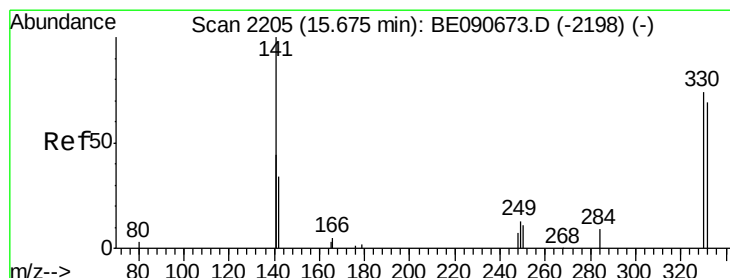
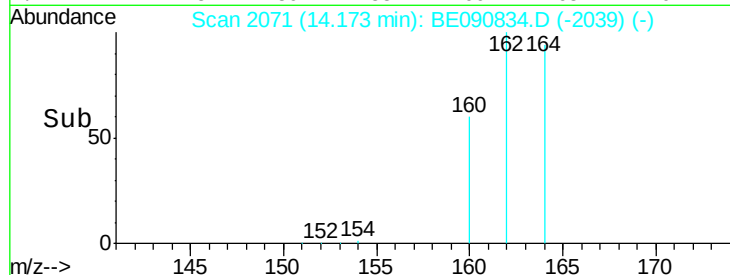
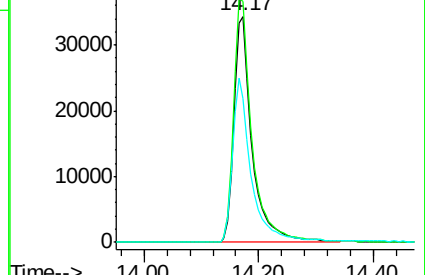
160 63.8 53.9 80.9



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: 4.20 ng

RT: 15.69 min Scan# 2206

Delta R.T. 0.02 min

Lab File: BE090834.D

Acq: 15 Sep 2015 15:47

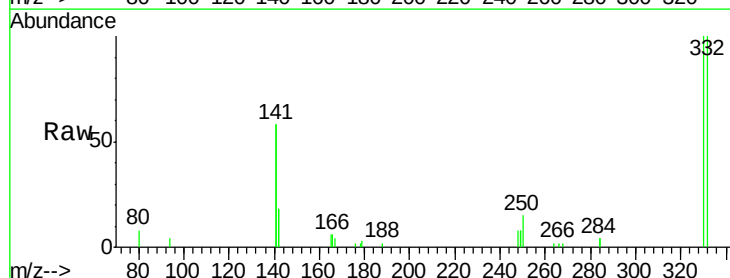
Tgt Ion:330 Resp: 8928

Ion Ratio Lower Upper

330 100

332 98.3 74.9 112.3

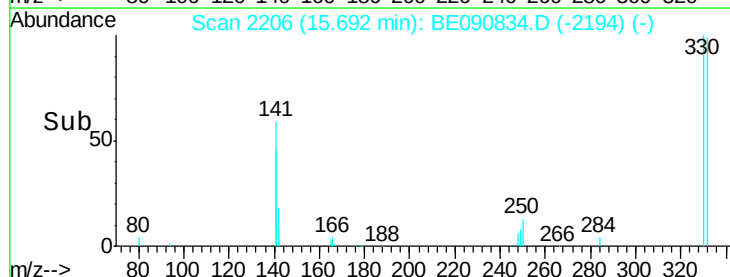
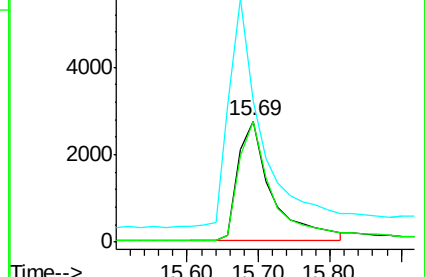
141 189.6 145.2 217.8

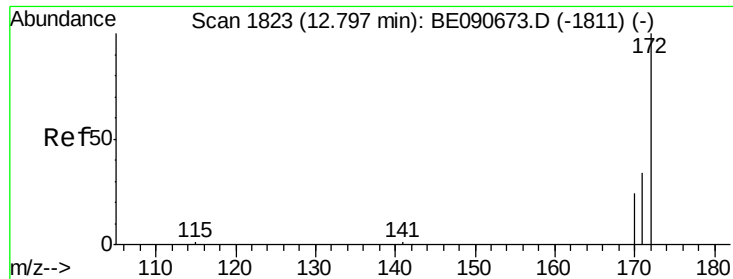


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

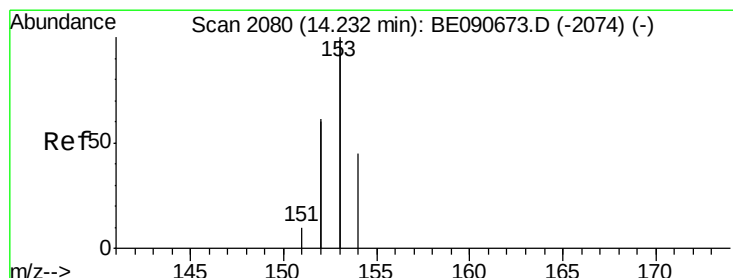
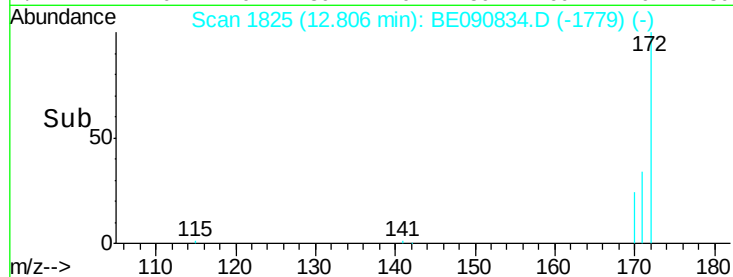
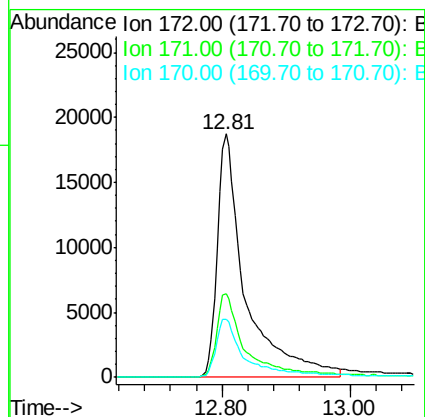
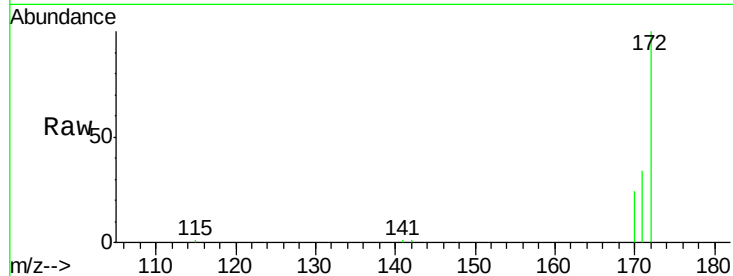




#14
2-Fluorobiphenyl
Concen: 2.76 ng
RT: 12.81 min Scan# 1825
Delta R.T. 0.01 min
Lab File: BE090834.D
Acq: 15 Sep 2015 15:47

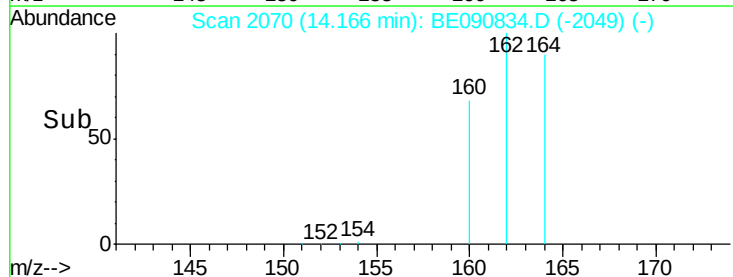
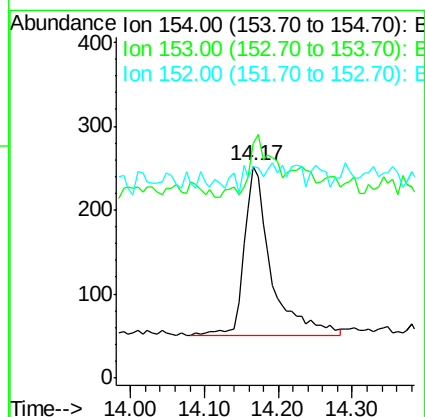
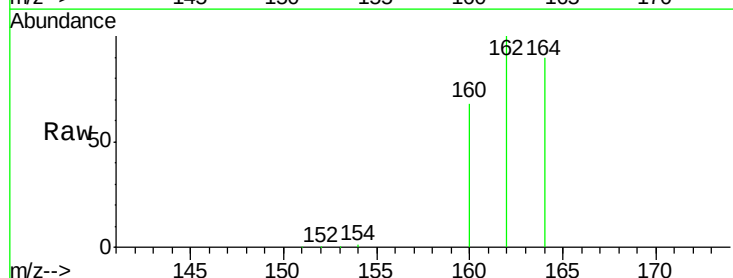
Instrument :
BNA_E
ClientSampleId :
PB85543BL

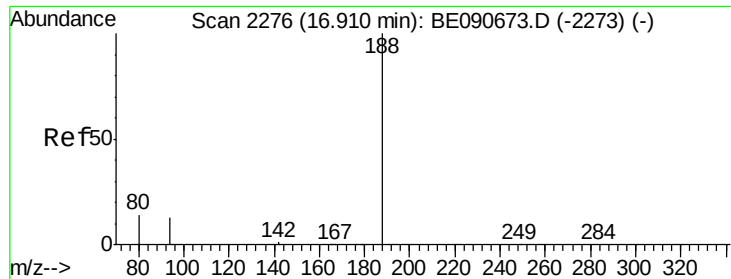
Tgt Ion:172 Resp: 56423
Ion Ratio Lower Upper
172 100
171 34.4 27.8 41.8
170 24.1 19.8 29.6



#16
Acenaphthene
Concen: 0.03 ng
RT: 14.17 min Scan# 2070
Delta R.T. -0.07 min
Lab File: BE090834.D
Acq: 15 Sep 2015 15:47

Tgt Ion:154 Resp: 514
Ion Ratio Lower Upper
154 100
153 33.1 354.5 531.7#
152 10.1 227.8 341.6#





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.91 min Scan# 2276

Delta R.T. -0.00 min

Lab File: BE090834.D

Acq: 15 Sep 2015 15:47

Instrument :

BNA_E

ClientSampleId :

PB85543BL

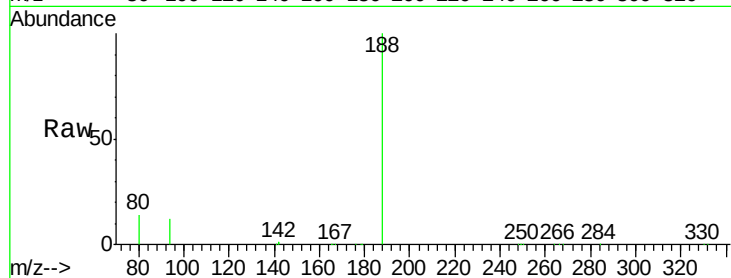
Tgt Ion:188 Resp: 191885

Ion Ratio Lower Upper

188 100

94 12.5 10.3 15.5

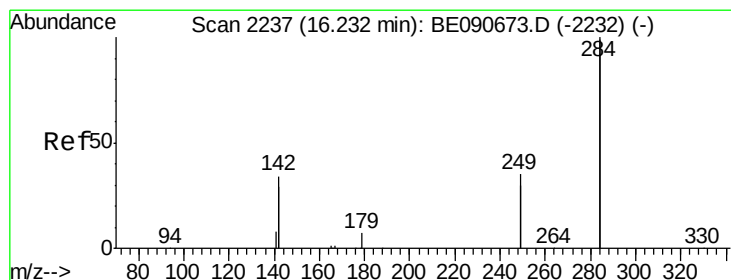
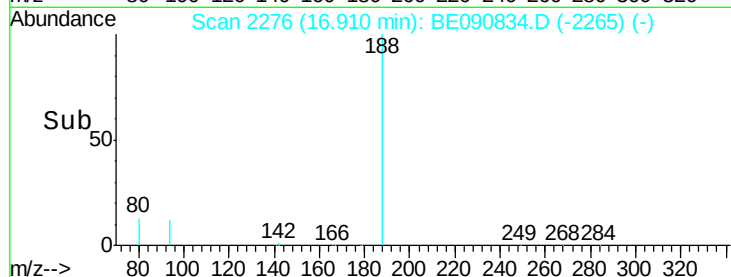
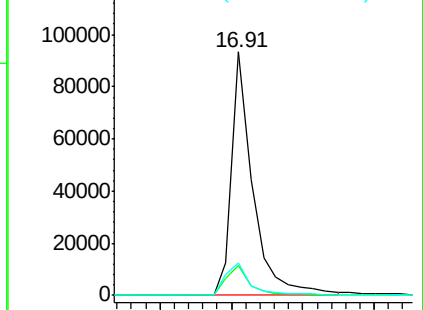
80 13.6 11.0 16.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

Hexachlorobenzene

Concen: Below Cal

RT: 16.20 min Scan# 2235

Delta R.T. -0.03 min

Lab File: BE090834.D

Acq: 15 Sep 2015 15:47

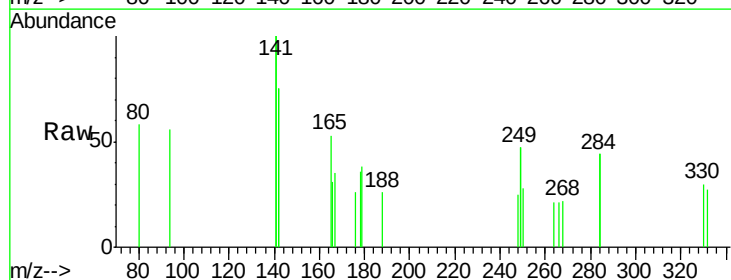
Tgt Ion:284 Resp: 48

Ion Ratio Lower Upper

284 100

142 164.6 35.0 52.4#

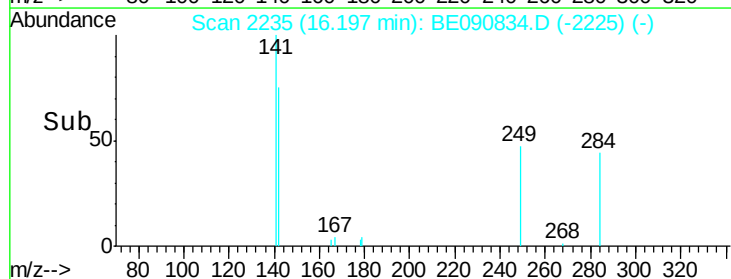
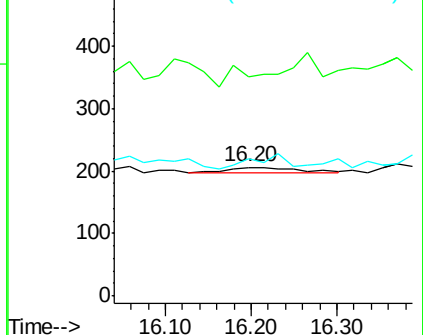
249 0.0 25.5 38.3#

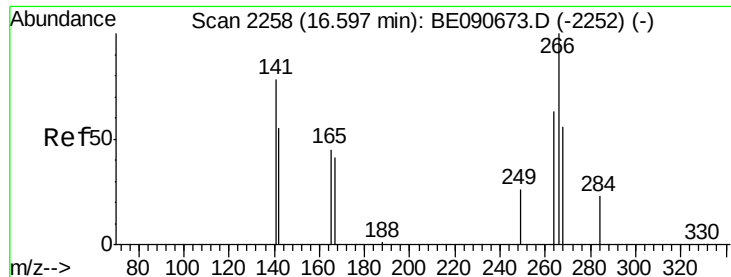


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

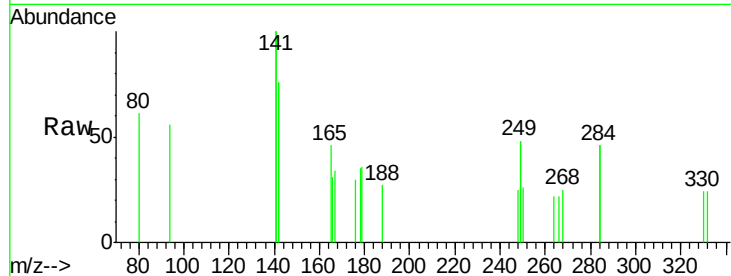




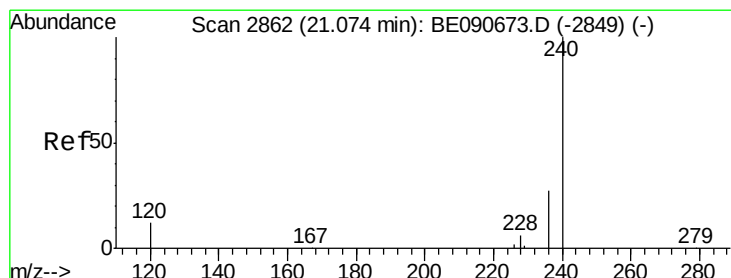
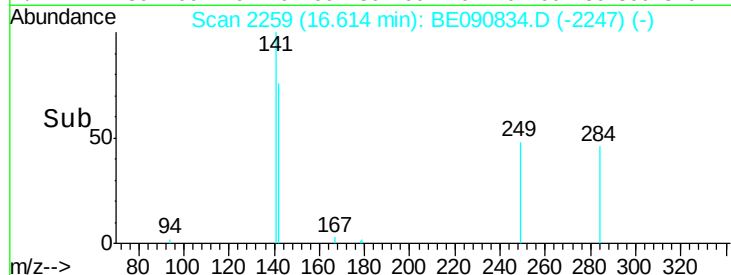
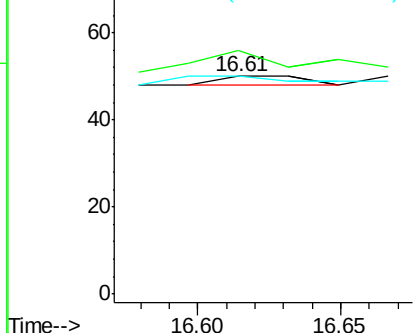
#21
 Pentachlorophenol
 Concen: 0.46 ng
 RT: 16.61 min Scan# 2259
 Delta R.T. 0.02 min
 Lab File: BE090834.D
 Acq: 15 Sep 2015 15:47

Instrument :
 BNA_E
 ClientSampleId :
 PB85543BL

Tgt Ion: 266 Resp: 4
 Ion Ratio Lower Upper
 266 100
 268 112.0 49.6 74.4#
 264 100.0 53.9 80.9#

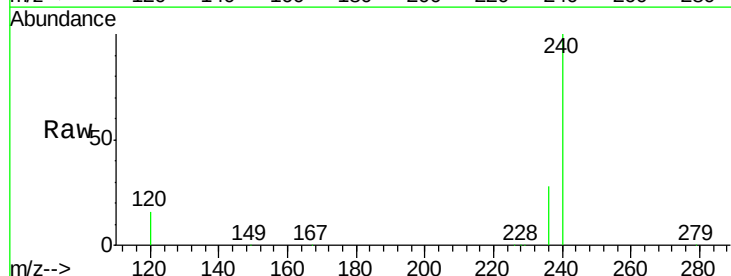


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

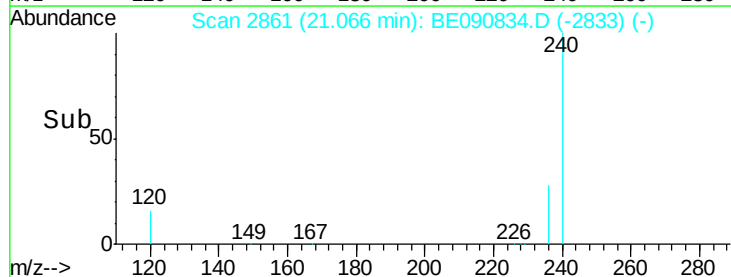
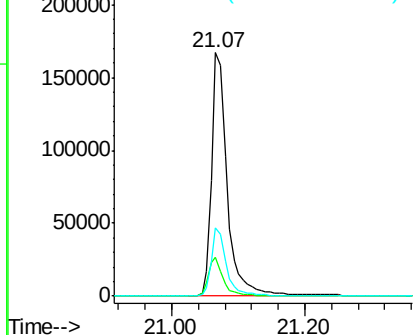


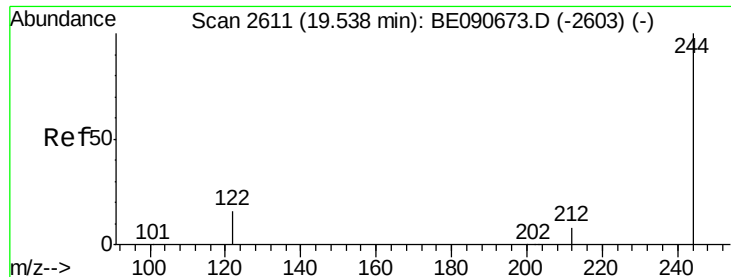
#25
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.07 min Scan# 2861
 Delta R.T. -0.01 min
 Lab File: BE090834.D
 Acq: 15 Sep 2015 15:47

Tgt Ion: 240 Resp: 269142
 Ion Ratio Lower Upper
 240 100
 120 15.7 10.1 15.1#
 236 27.8 21.9 32.9



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

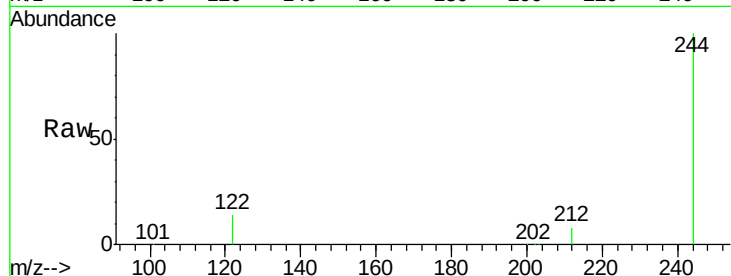




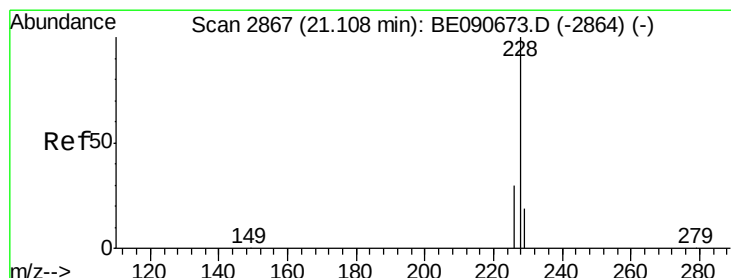
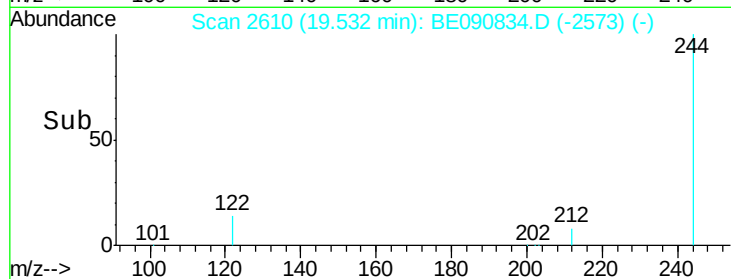
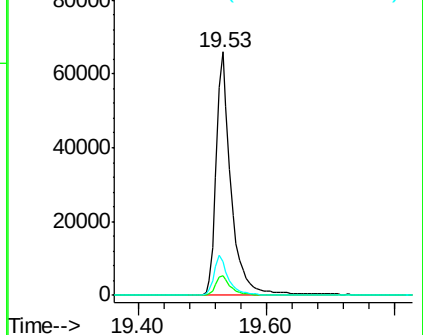
#27
 Terphenyl-d14
 Concen: 3.57 ng
 RT: 19.53 min Scan# 2610
 Delta R.T. -0.01 min
 Lab File: BE090834.D
 Acq: 15 Sep 2015 15:47

Instrument :
 BNA_E
 ClientSampleId :
 PB85543BL

Tgt Ion: 244 Resp: 106423
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.9 10.3
 122 13.7 12.9 19.3

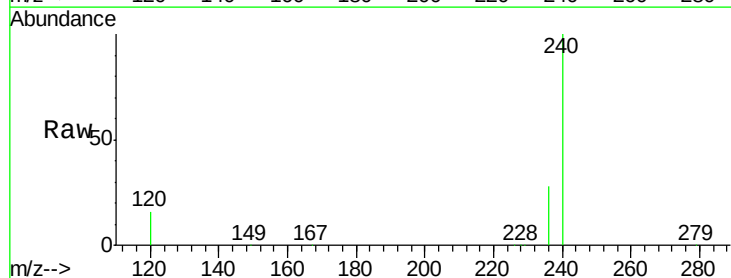


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

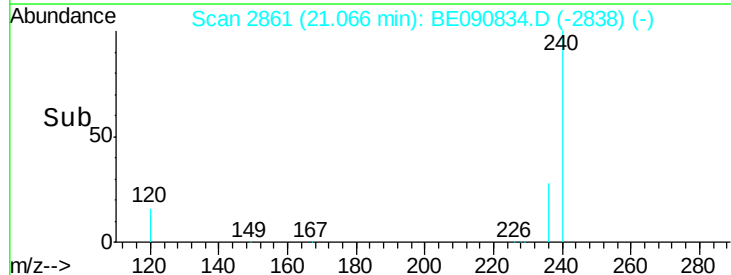
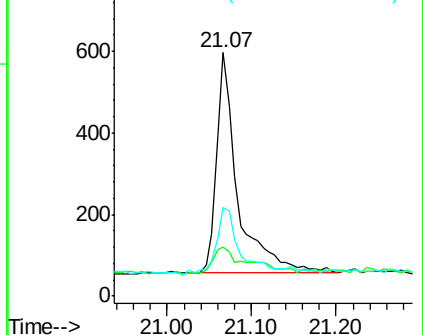


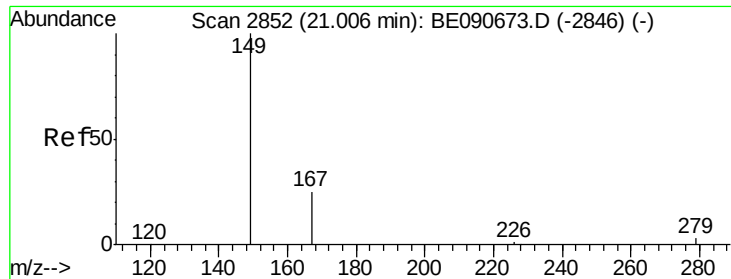
#29
 Chrysene
 Concen: Below Cal
 RT: 21.07 min Scan# 2861
 Delta R.T. -0.04 min
 Lab File: BE090834.D
 Acq: 15 Sep 2015 15:47

Tgt Ion: 228 Resp: 940
 Ion Ratio Lower Upper
 228 100
 226 20.1 24.2 36.4#
 229 36.3 15.3 22.9#



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

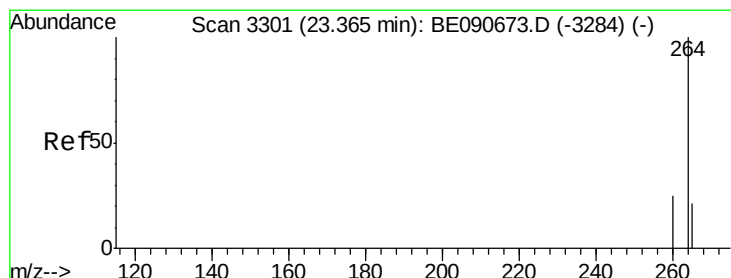
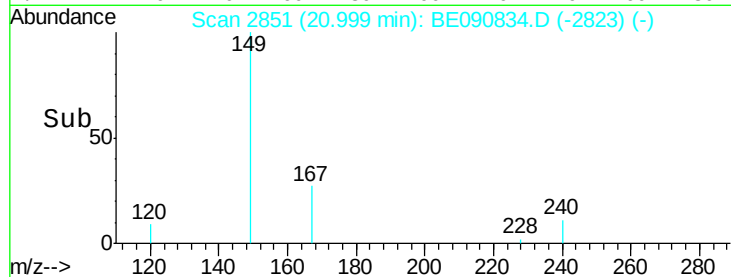
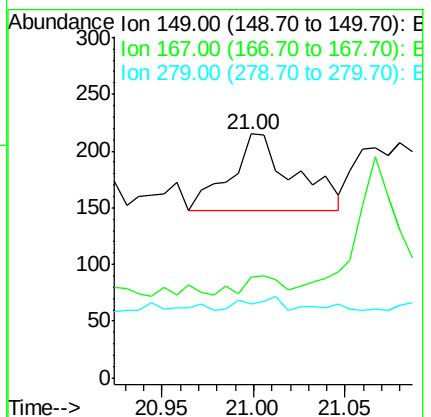
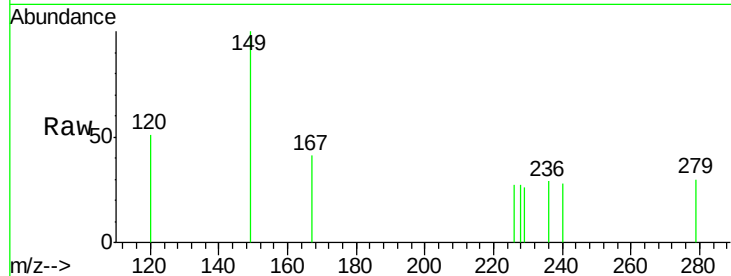




#30
 Bis(2-ethylhexyl)phthalate
 Concen: 0.07 ng
 RT: 21.00 min Scan# 2851
 Delta R.T. -0.01 min
 Lab File: BE090834.D
 Acq: 15 Sep 2015 15:47

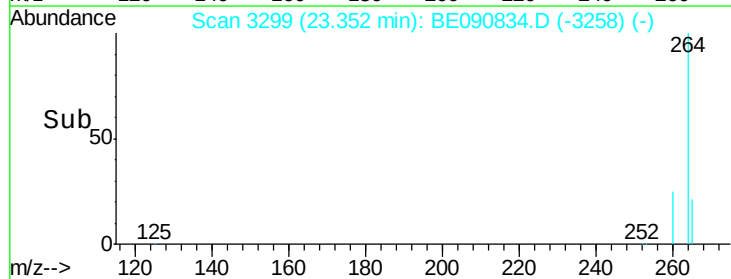
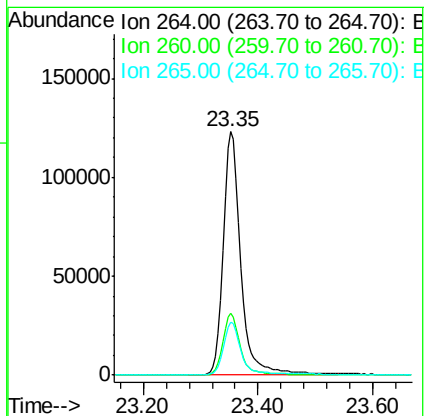
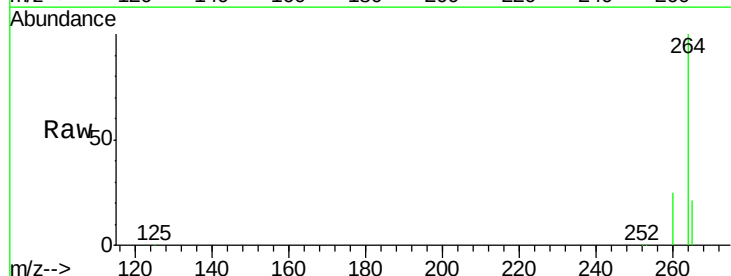
Instrument :
 BNA_E
 ClientSampleId :
 PB85543BL

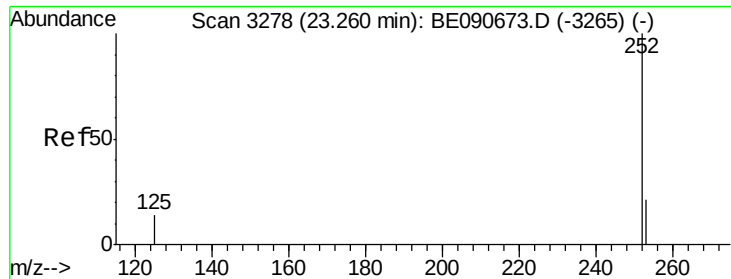
Tgt Ion:149 Resp: 164
 Ion Ratio Lower Upper
 149 100
 167 14.6 20.1 30.1#
 279 11.0 2.3 3.5#



#32
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.35 min Scan# 3299
 Delta R.T. -0.01 min
 Lab File: BE090834.D
 Acq: 15 Sep 2015 15:47

Tgt Ion:264 Resp: 266463
 Ion Ratio Lower Upper
 264 100
 260 25.3 19.7 29.5
 265 21.5 17.5 26.3





#35

Benzo(a)pyrene

Concen: 0.02 ng

RT: 23.35 min Scan# 3298

Delta R.T. 0.09 min

Lab File: BE090834.D

Acq: 15 Sep 2015 15:47

Instrument :

BNA_E

ClientSampleId :

PB85543BL

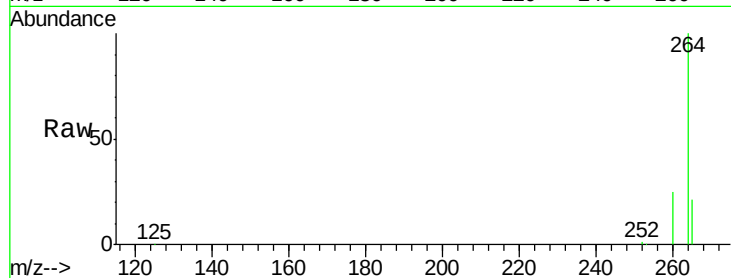
Tgt Ion:252 Resp: 1055

Ion Ratio Lower Upper

252 100

253 51.6 17.5 26.3#

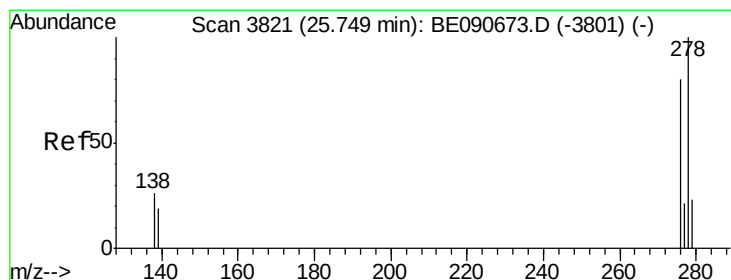
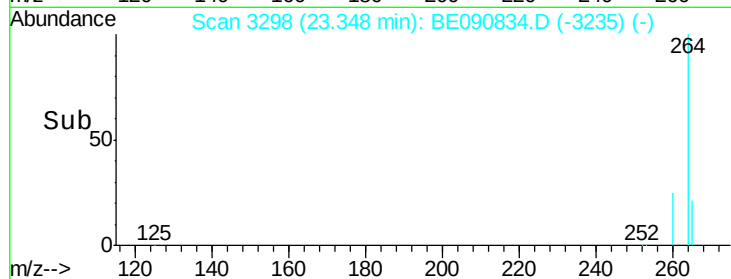
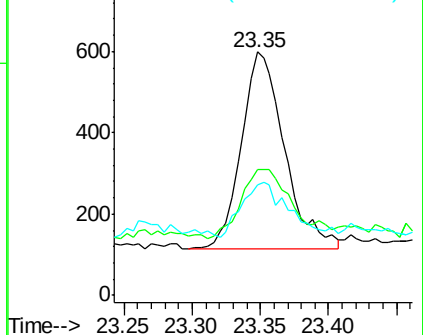
125 45.2 11.6 17.4#



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: 0.14 ng

RT: 25.74 min Scan# 3820

Delta R.T. -0.01 min

Lab File: BE090834.D

Acq: 15 Sep 2015 15:47

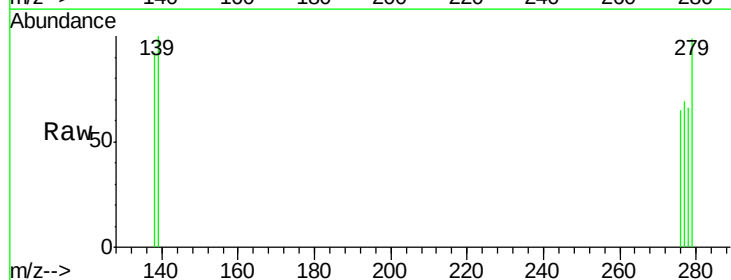
Tgt Ion:278 Resp: 2

Ion Ratio Lower Upper

278 100

139 150.9 15.4 23.0#

279 149.1 18.8 28.2#



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

