

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080315\
 Data File : BE090339.D
 Acq On : 4 Aug 2015 10:00
 Operator : TP/UM
 Sample : G3174-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 080215-D506-F-U-S

Quant Time: Aug 04 13:21:49 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 04 02:31:31 2015
 Response via : Initial Calibration

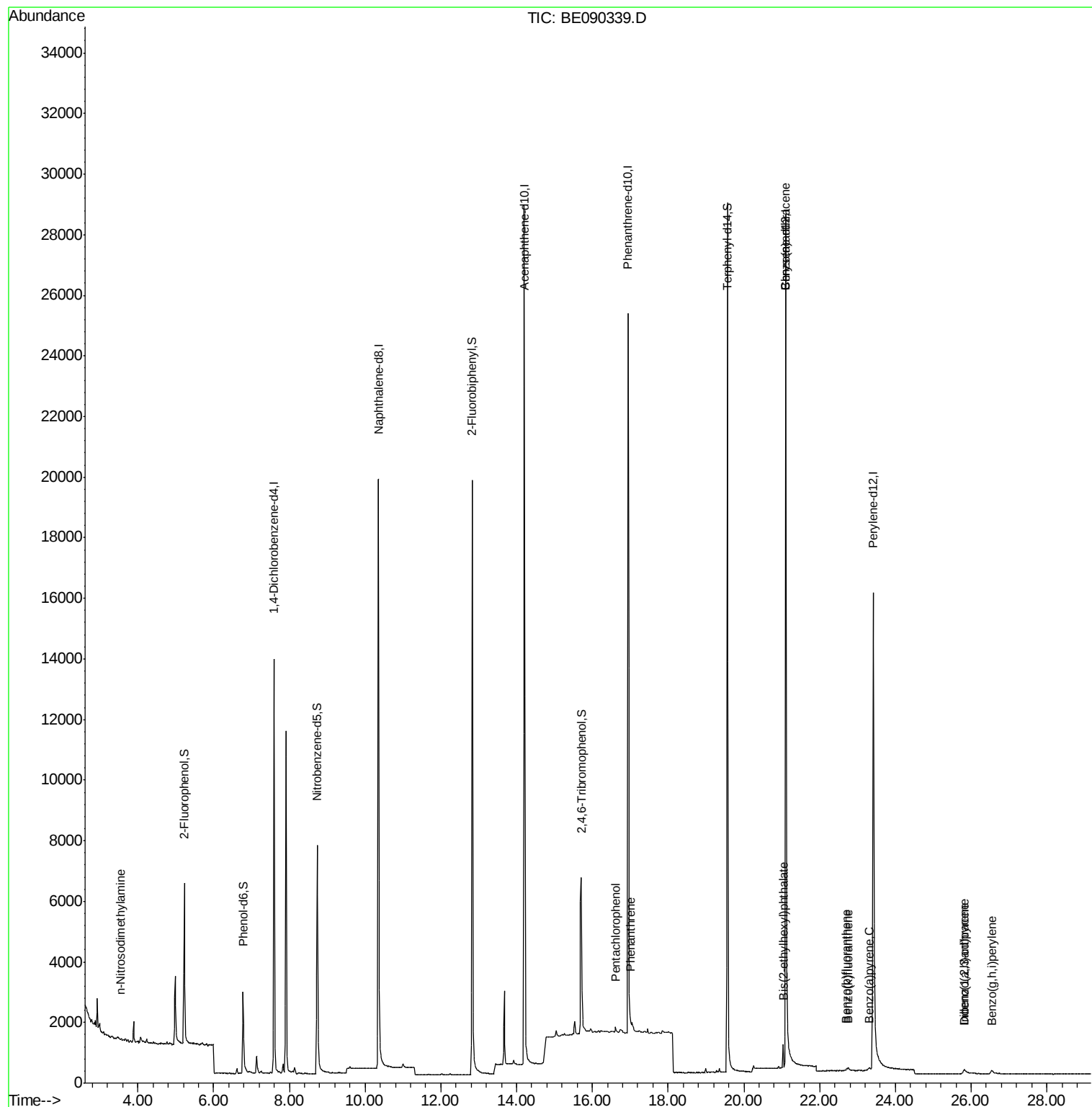
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	6864	5.00	ng	0.00
6) Naphthalene-d8	10.35	136	31148	5.00	ng	0.00
12) Acenaphthene-d10	14.21	164	16445	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	35469	5.00	ng	0.00
25) Chrysene-d12	21.11	240	32495	5.00	ng	0.00
32) Perylene-d12	23.42	264	27770	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	4387	3.34	ng	0.00
5) Phenol-d6	6.78	99	3459	2.14	ng	0.00
7) Nitrobenzene-d5	8.73	82	8072	4.39	ng	0.00
13) 2,4,6-Tribromophenol	15.71	330	2293	7.12	ng	-0.02
14) 2-Fluorobiphenyl	12.83	172	20669	4.34	ng	0.00
27) Terphenyl-d14	19.57	244	32341	5.32	ng	-0.01
Target Compounds						
3) n-Nitrosodimethylamine	3.54	42	26	0.02	ng	# 31
21) Pentachlorophenol	16.61	266	109	0.58	ng	# 94
22) Phenanthrene	17.00	178	200	0.02	ng	# 77
28) Benzo(a)anthracene	21.10	228	187	0.03	ng	# 51
29) Chrysene	21.14	228	105	Below Cal		# 45
30) Bis(2-ethylhexyl)phthalate	21.04	149	786	0.52	ng	# 96
31) Indeno(1,2,3-cd)pyrene	25.81	276	279	0.21	ng	# 78
33) Benzo(b)fluoranthene	22.71	252	151	0.38	ng	# 14
34) Benzo(k)fluoranthene	22.76	252	154	0.02	ng	# 13
35) Benzo(a)pyrene	23.32	252	155	0.34	ng	# 25
36) Dibenzo(a,h)anthracene	25.83	278	179	0.25	ng	# 48
37) Benzo(g,h,i)perylene	26.55	276	351	0.31	ng	# 59

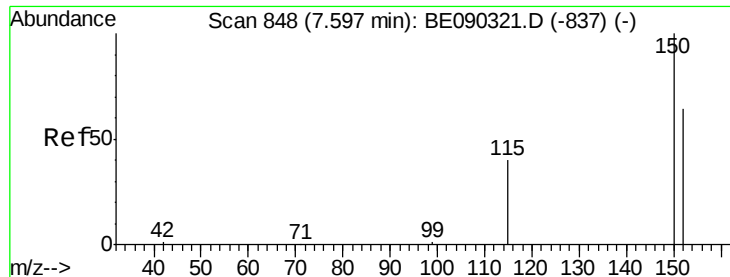
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080315\
Data File : BE090339.D
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Operator : TP/UM
Sample : G3174-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
080215-D506-F-U-S

Quant Time: Aug 04 13:21:49 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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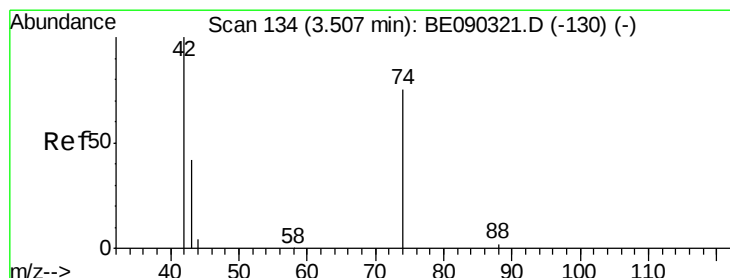
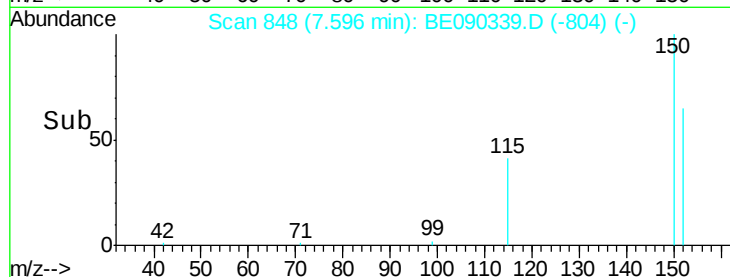
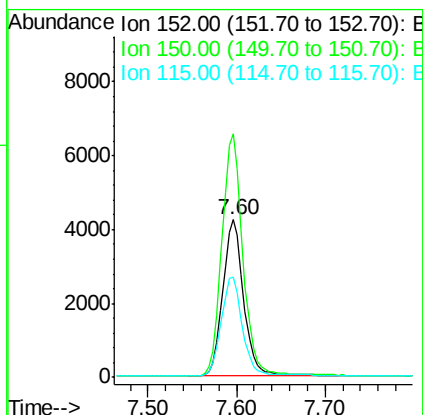
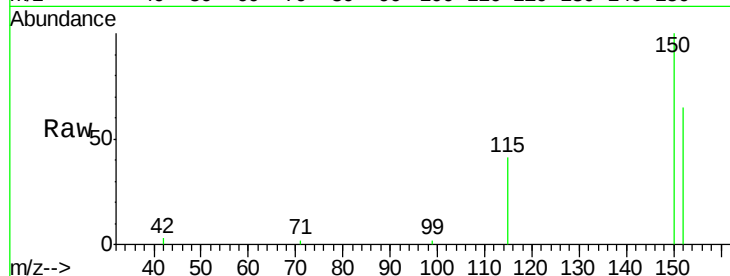




#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.60 min Scan# 848
 Delta R.T. -0.00 min
 Lab File: BE090339.D
 Acq: 4 Aug 2015 10:00

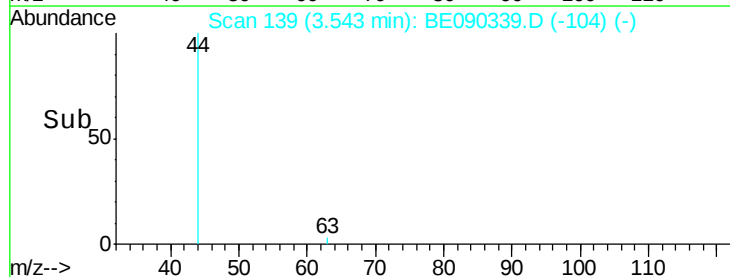
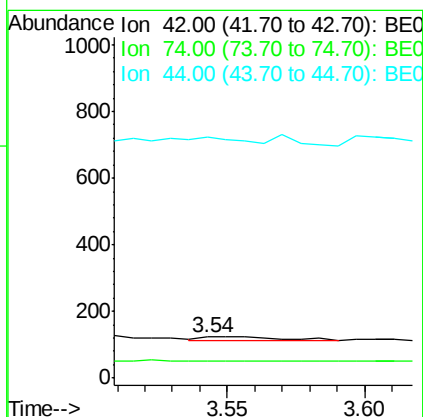
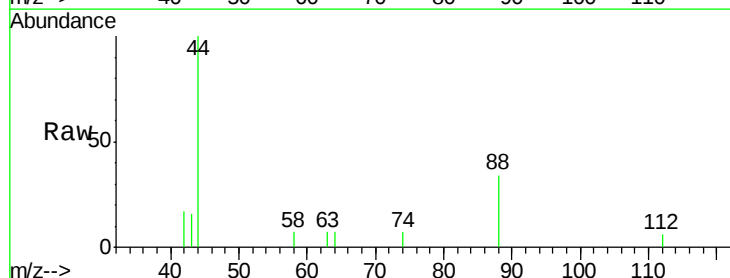
Instrument :
 BNA_E
 ClientSampleId :
 080215-D506-F-U-S

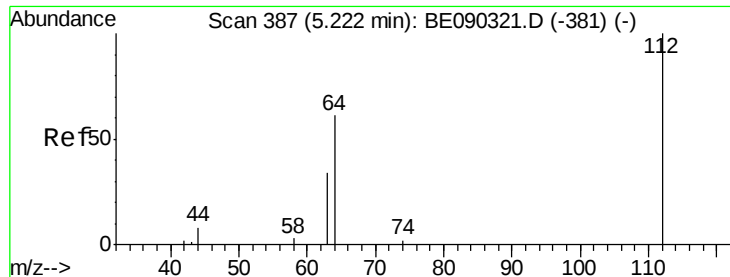
Tgt Ion: 152 Resp: 6864
 Ion Ratio Lower Upper
 152 100
 150 154.4 124.2 186.2
 115 63.3 50.4 75.6



#3
 n-Nitrosodimethylamine
 Concen: 0.02 ng
 RT: 3.54 min Scan# 139
 Delta R.T. 0.04 min
 Lab File: BE090339.D
 Acq: 4 Aug 2015 10:00

Tgt Ion: 42 Resp: 26
 Ion Ratio Lower Upper
 42 100
 74 23.1 73.2 109.8#
 44 0.0 3.8 5.6#





#4

2-Fluorophenol

Concen: 3.34 ng

RT: 5.22 min Scan# 387

Delta R.T. 0.00 min

Lab File: BE090339.D

Acq: 4 Aug 2015 10:00

Instrument :

BNA_E

ClientSampleId :

080215-D506-F-U-S

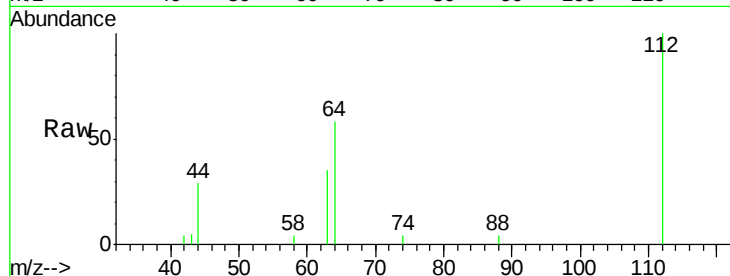
Tgt Ion: 112 Resp: 4387

Ion Ratio Lower Upper

112 100

64 58.4 49.0 73.4

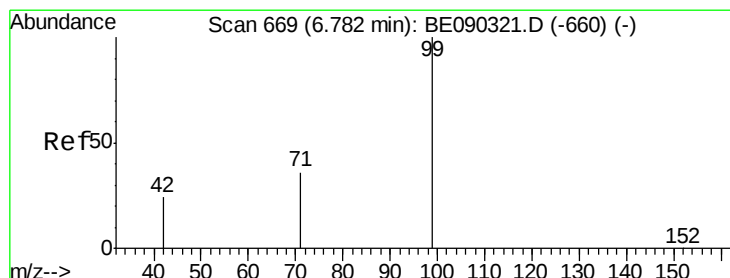
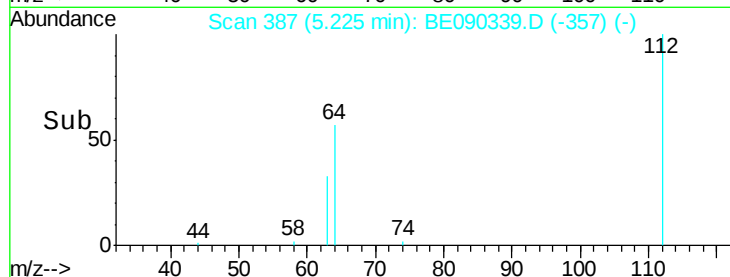
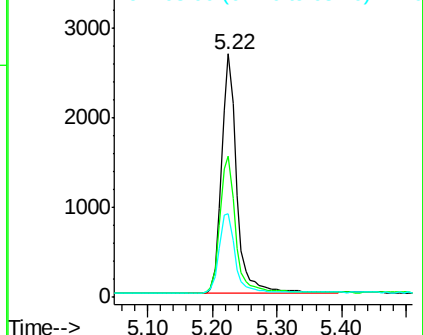
63 35.0 27.7 41.5



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 2.14 ng

RT: 6.78 min Scan# 668

Delta R.T. -0.01 min

Lab File: BE090339.D

Acq: 4 Aug 2015 10:00

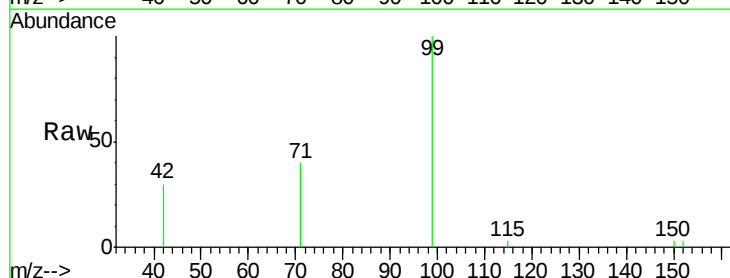
Tgt Ion: 99 Resp: 3459

Ion Ratio Lower Upper

99 100

42 25.2 22.2 33.2

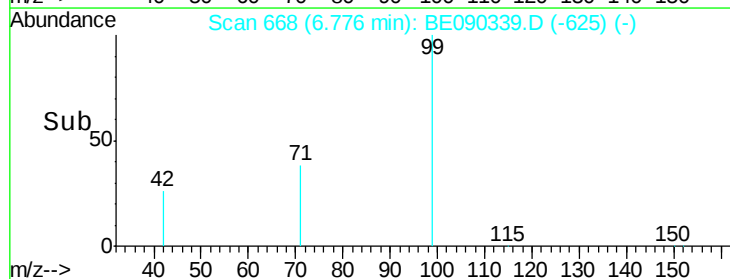
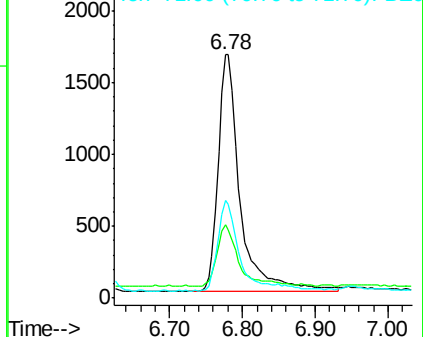
71 38.5 29.2 43.8

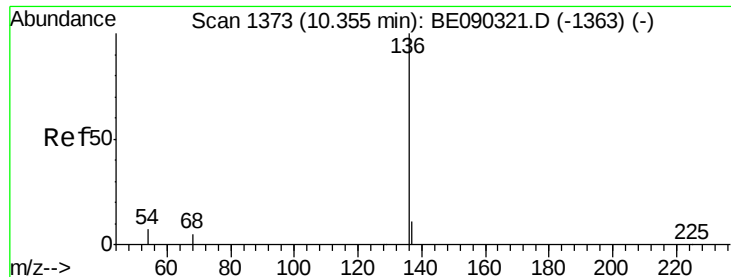


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.35 min Scan# 1374

Delta R.T. -0.00 min

Lab File: BE090339.D

Acq: 4 Aug 2015 10:00

Instrument :

BNA_E

ClientSampleId :

080215-D506-F-U-S

Tgt Ion:136 Resp: 31148

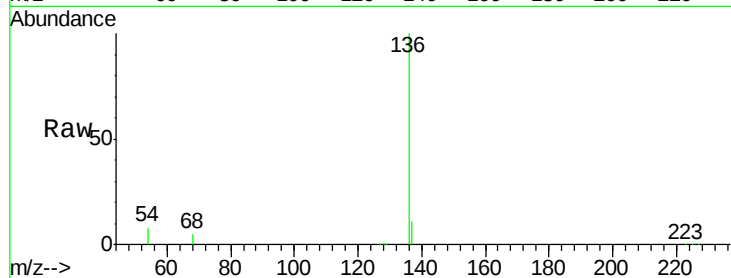
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.5 6.0 9.0

68 5.2 3.9 5.9

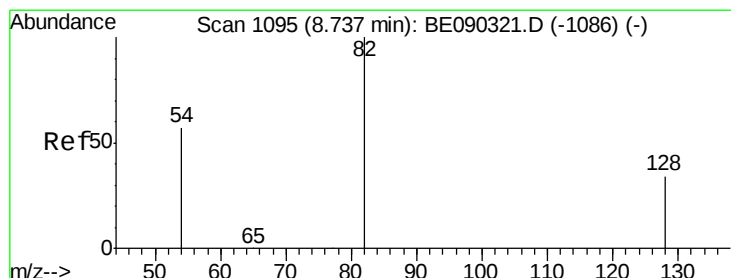
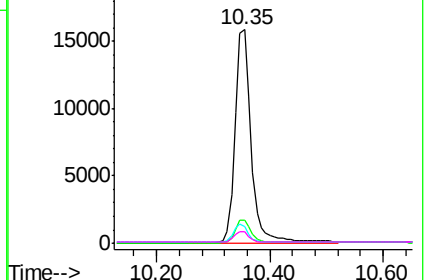
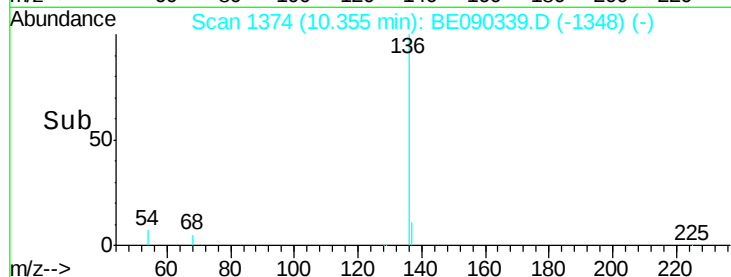


Abundance Ion 136.00 (135.70 to 136.70): E

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: 4.39 ng

RT: 8.73 min Scan# 1095

Delta R.T. -0.00 min

Lab File: BE090339.D

Acq: 4 Aug 2015 10:00

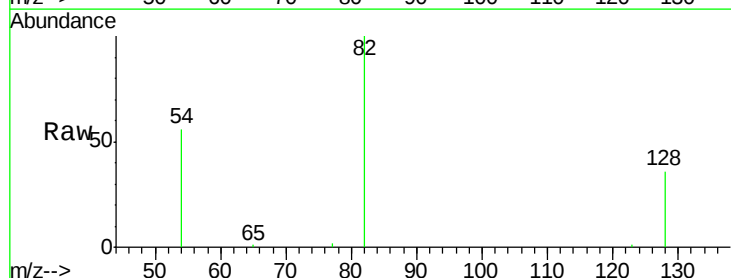
Tgt Ion: 82 Resp: 8072

Ion Ratio Lower Upper

82 100

128 35.6 30.8 46.2

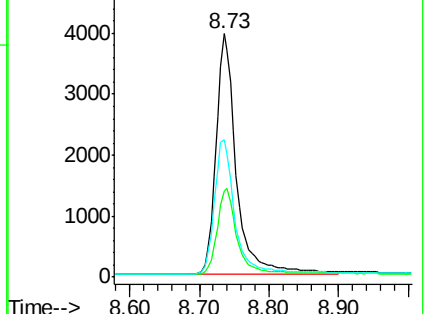
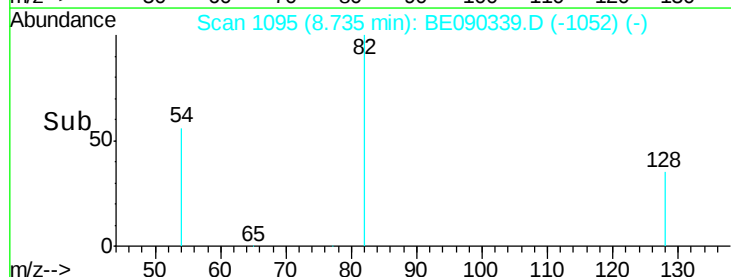
54 56.5 47.5 71.3

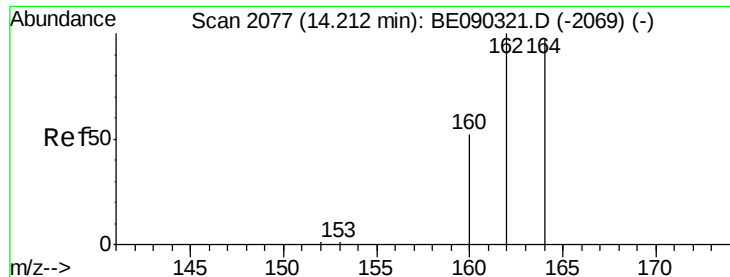


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.21 min Scan# 2077

Delta R.T. -0.01 min

Lab File: BE090339.D

Acq: 4 Aug 2015 10:00

Instrument :

BNA_E

ClientSampleId :

080215-D506-F-U-S

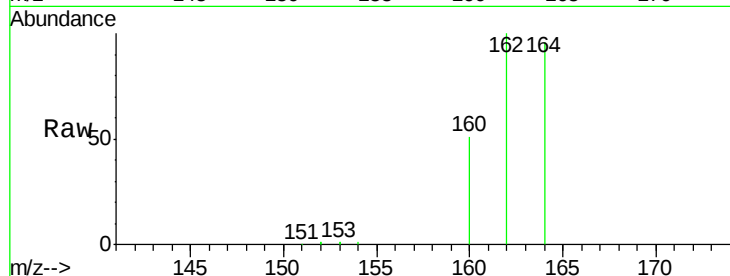
Tgt Ion:164 Resp: 16445

Ion Ratio Lower Upper

164 100

162 104.7 82.7 124.1

160 53.5 43.0 64.6

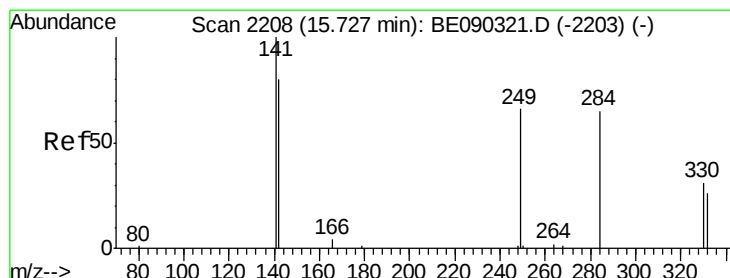
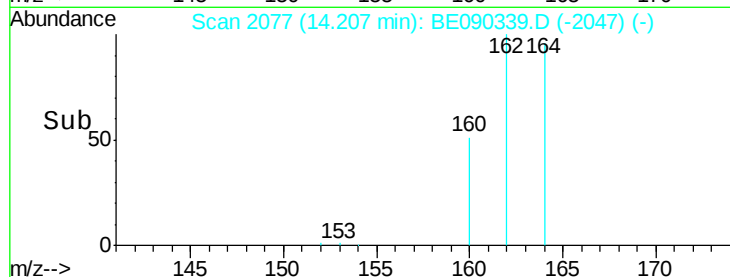
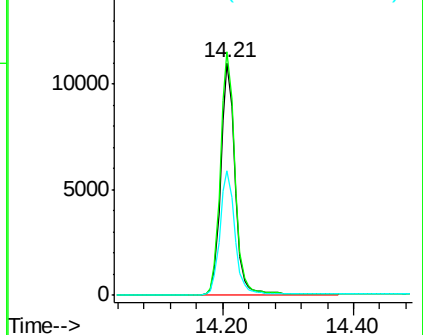


Abundance

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: 7.12 ng

RT: 15.71 min Scan# 2207

Delta R.T. -0.02 min

Lab File: BE090339.D

Acq: 4 Aug 2015 10:00

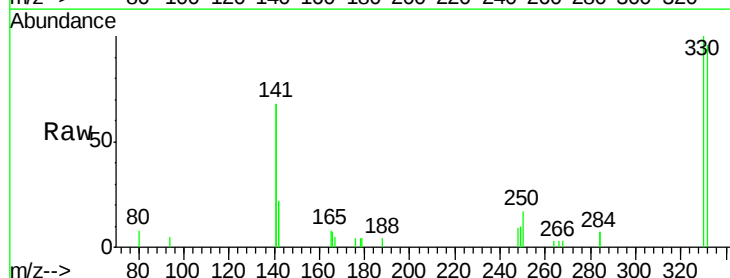
Tgt Ion:330 Resp: 2293

Ion Ratio Lower Upper

330 100

332 96.9 79.4 119.0

141 265.5 245.9 368.9

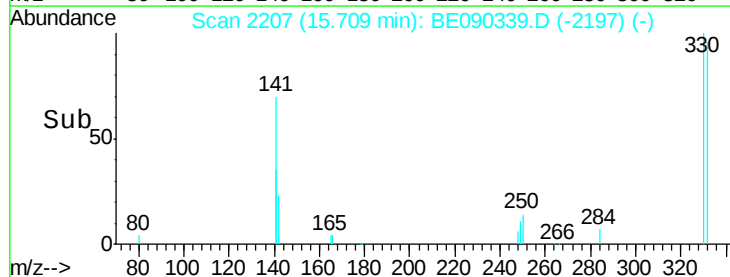
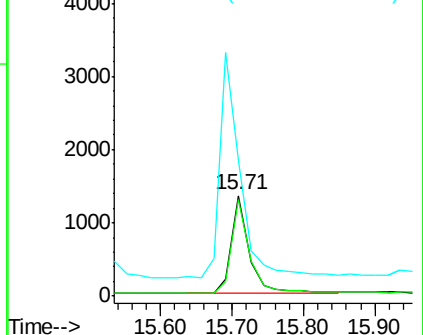


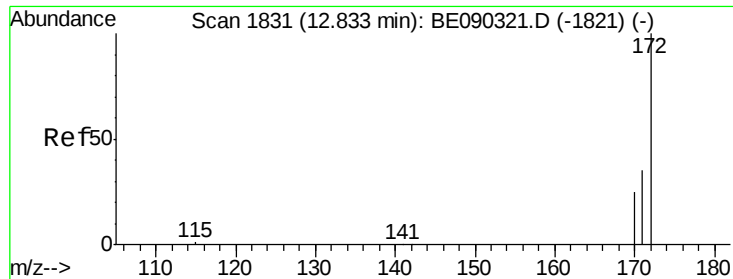
Abundance

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

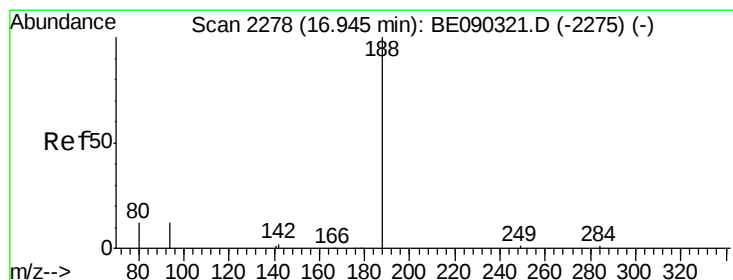
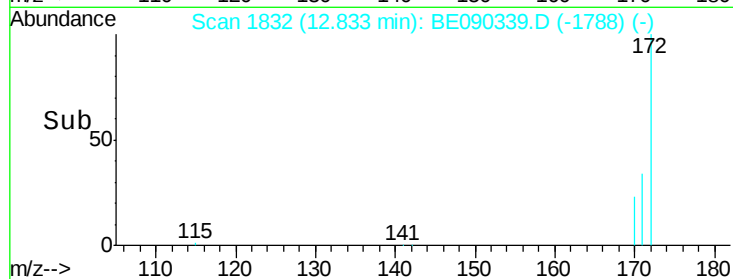
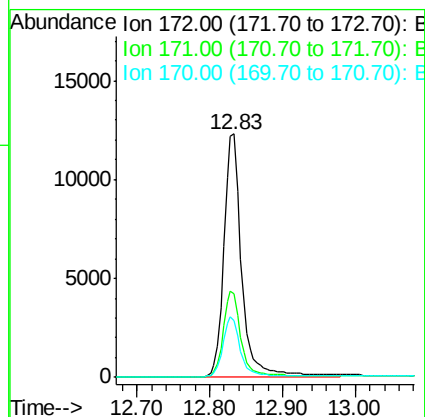
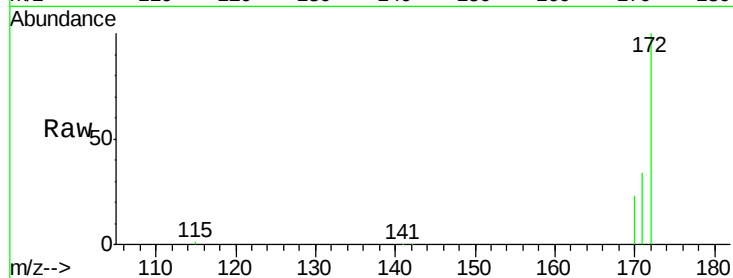




#14
2-Fluorobiphenyl
Concen: 4.34 ng
RT: 12.83 min Scan# 1832
Delta R.T. -0.00 min
Lab File: BE090339.D
Acq: 4 Aug 2015 10:00

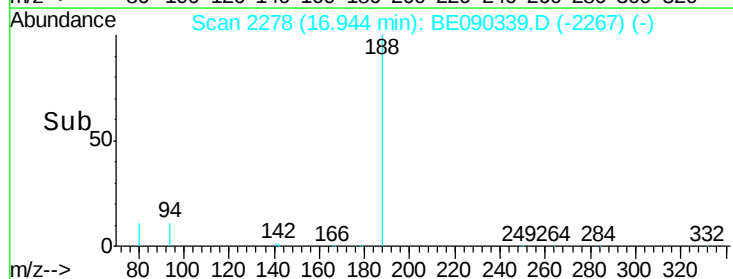
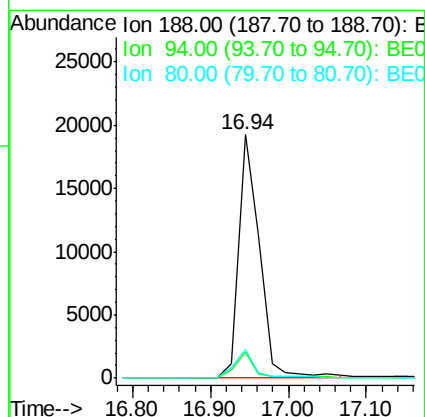
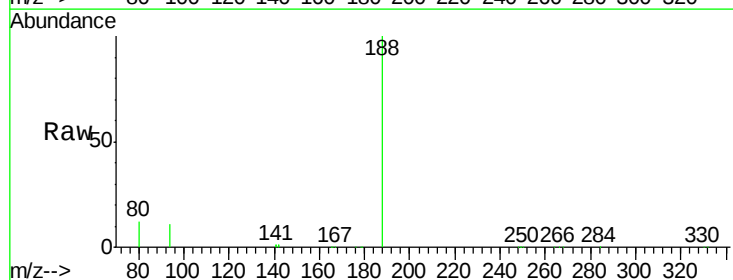
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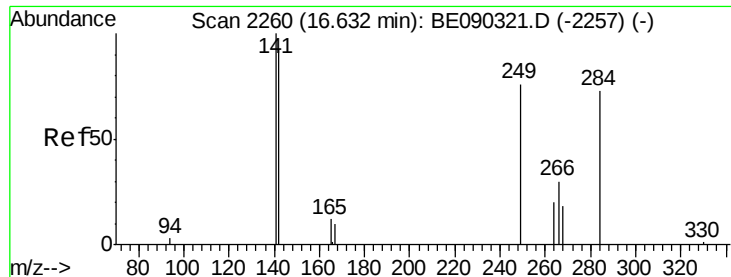
Tgt Ion:172 Resp: 20669
Ion Ratio Lower Upper
172 100
171 34.5 29.5 44.3
170 23.2 21.3 31.9



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 2278
Delta R.T. -0.00 min
Lab File: BE090339.D
Acq: 4 Aug 2015 10:00

Tgt Ion:188 Resp: 35469
Ion Ratio Lower Upper
188 100
94 10.9 9.5 14.3
80 11.6 10.0 15.0

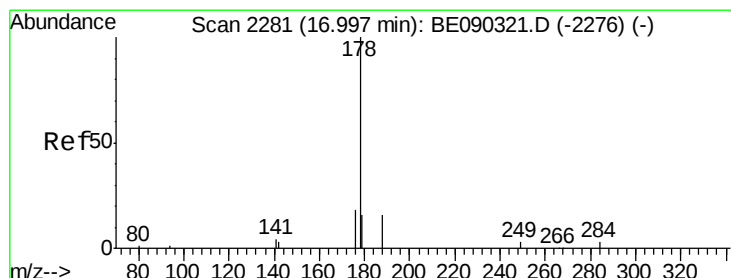
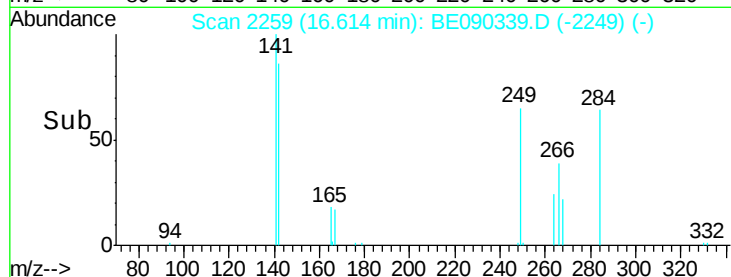
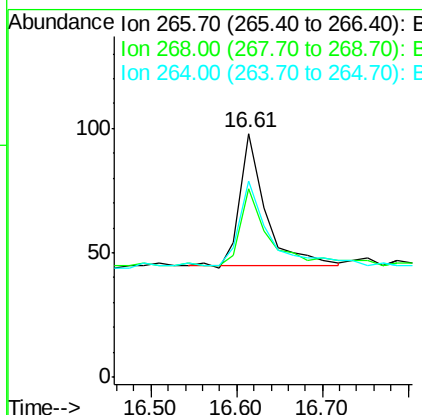
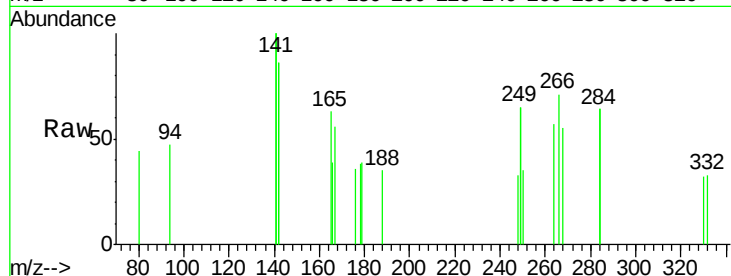




#21
 Pentachlorophenol
 Concen: 0.58 ng
 RT: 16.61 min Scan# 2259
 Delta R.T. -0.02 min
 Lab File: BE090339.D
 Acq: 4 Aug 2015 10:00

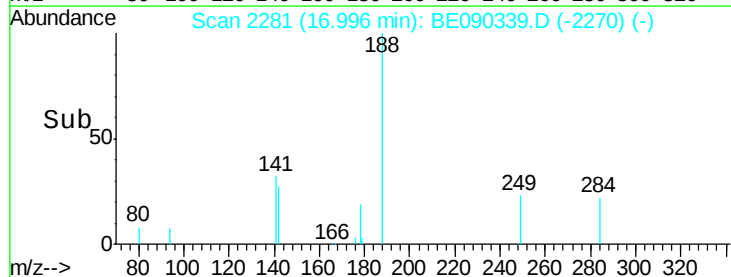
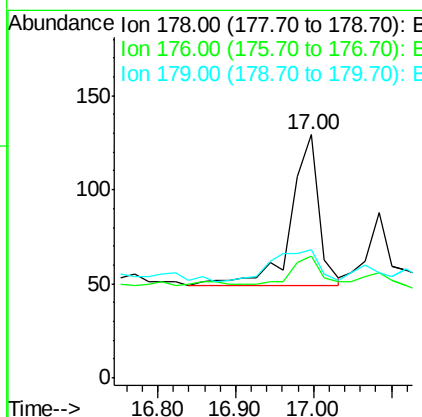
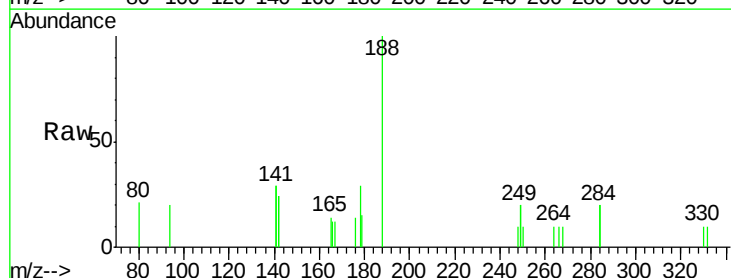
Instrument :
 BNA_E
 ClientSampleId :
 080215-D506-F-U-S

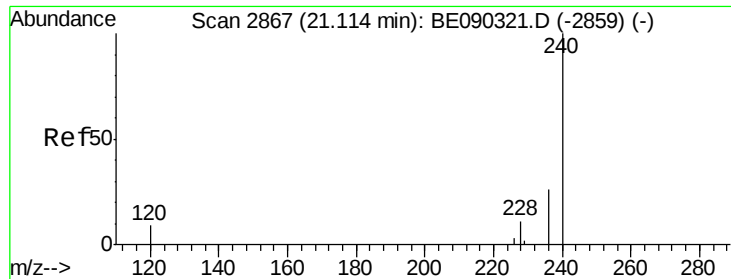
Tgt Ion: 266 Resp: 109
 Ion Ratio Lower Upper
 266 100
 268 77.6 66.2 99.2
 264 80.6 69.1 103.7



#22
 Phenanthrene
 Concen: 0.02 ng
 RT: 17.00 min Scan# 2281
 Delta R.T. -0.00 min
 Lab File: BE090339.D
 Acq: 4 Aug 2015 10:00

Tgt Ion: 178 Resp: 200
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.5 23.3
 179 36.0 12.6 18.8#





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.11 min Scan# 2866

Delta R.T. -0.01 min

Lab File: BE090339.D

Acq: 4 Aug 2015 10:00

Instrument :

BNA_E

ClientSampleId :

080215-D506-F-U-S

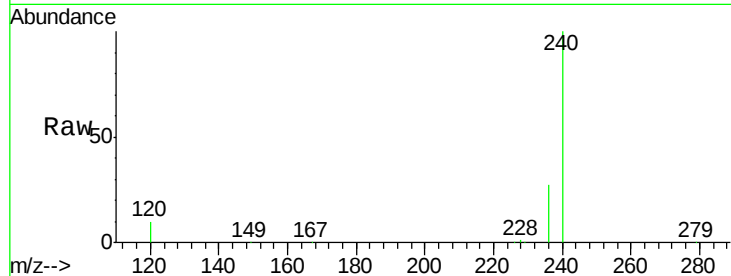
Tgt Ion:240 Resp: 32495

Ion Ratio Lower Upper

240 100

120 10.2 7.5 11.3

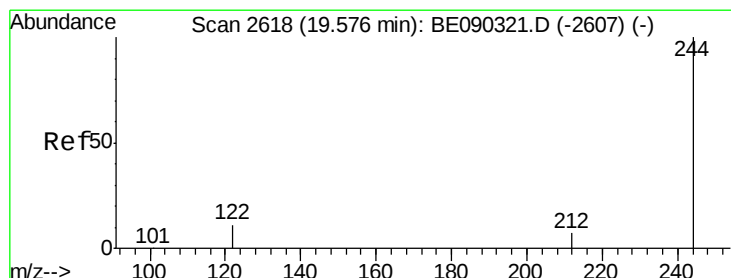
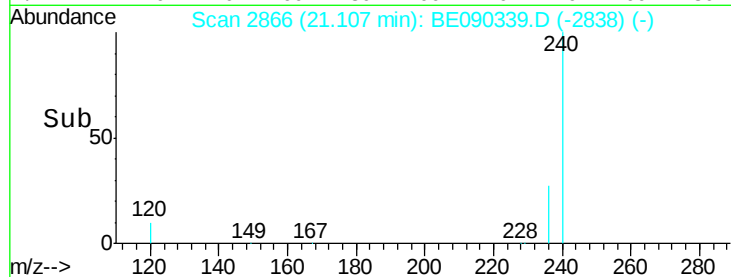
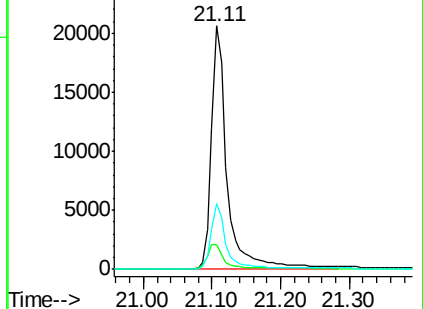
236 26.7 21.0 31.4



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: 5.32 ng

RT: 19.57 min Scan# 2616

Delta R.T. -0.01 min

Lab File: BE090339.D

Acq: 4 Aug 2015 10:00

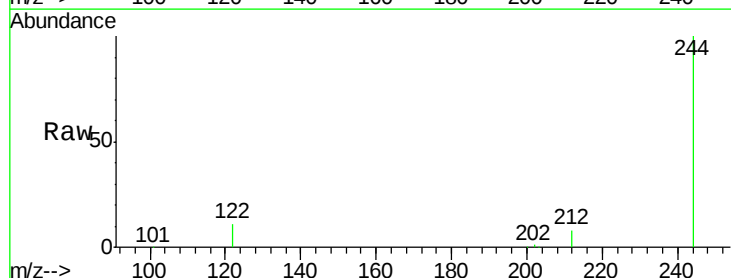
Tgt Ion:244 Resp: 32341

Ion Ratio Lower Upper

244 100

212 7.9 7.4 11.2

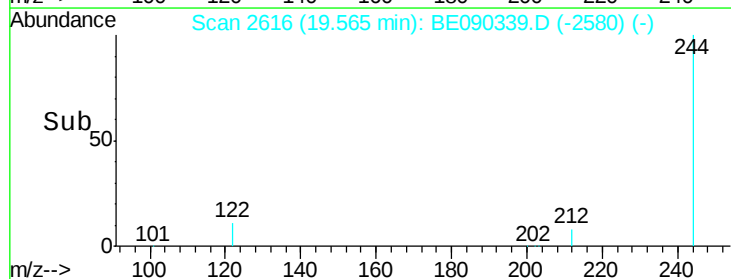
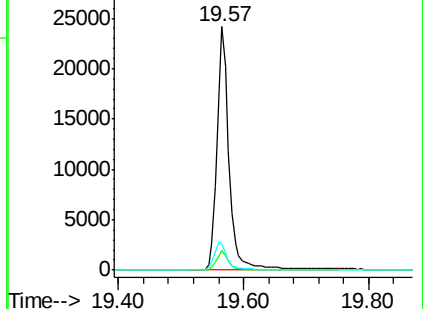
122 10.9 10.4 15.6

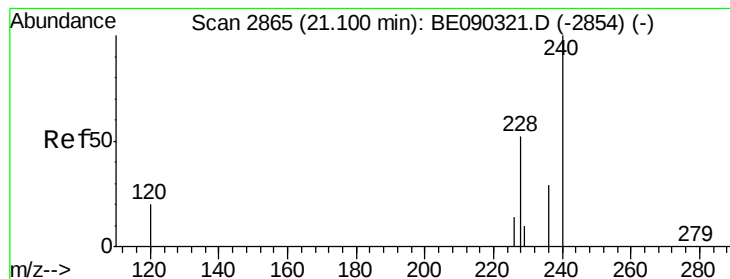


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#28

Benzo(a)anthracene

Concen: 0.03 ng

RT: 21.10 min Scan# 2865

Delta R.T. -0.00 min

Lab File: BE090339.D

Acq: 4 Aug 2015 10:00

Instrument :

BNA_E

ClientSampleId :

080215-D506-F-U-S

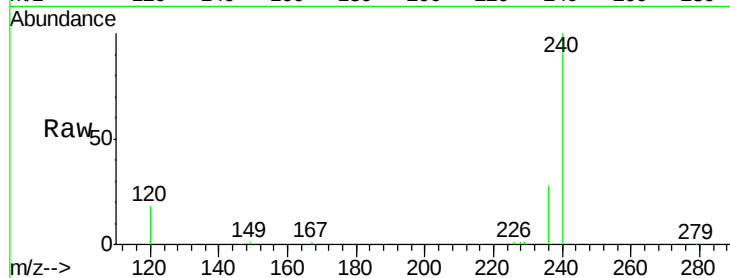
Tgt Ion:228 Resp: 187

Ion Ratio Lower Upper

228 100

226 51.8 23.0 34.4#

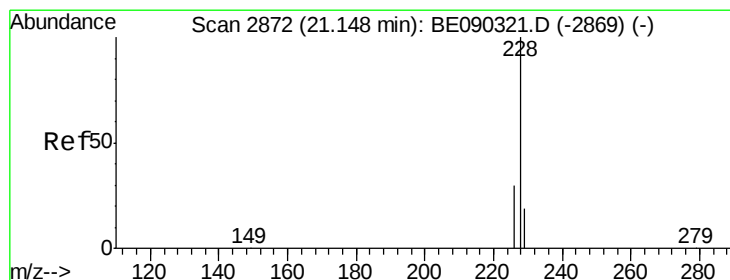
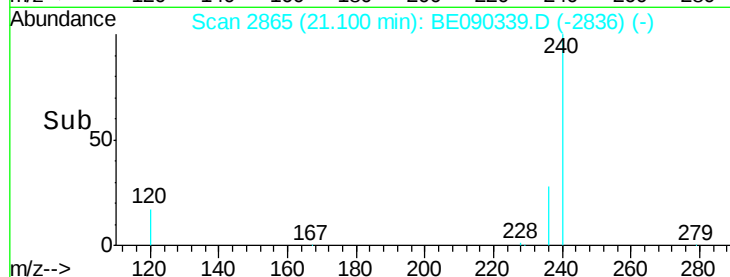
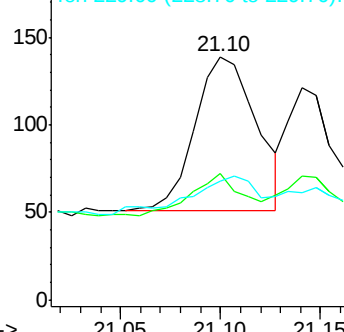
229 48.9 17.4 26.2#



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



#29

Chrysene

Concen: Below Cal

RT: 21.14 min Scan# 2871

Delta R.T. -0.01 min

Lab File: BE090339.D

Acq: 4 Aug 2015 10:00

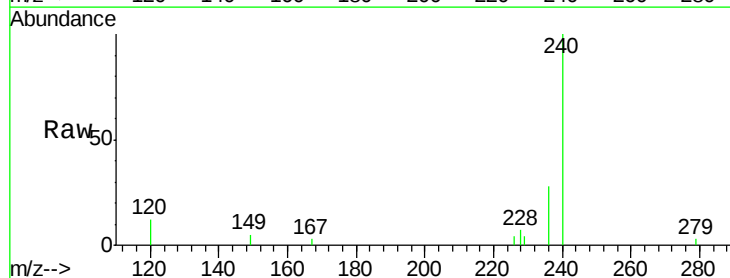
Tgt Ion:228 Resp: 105

Ion Ratio Lower Upper

228 100

226 58.7 24.9 37.3#

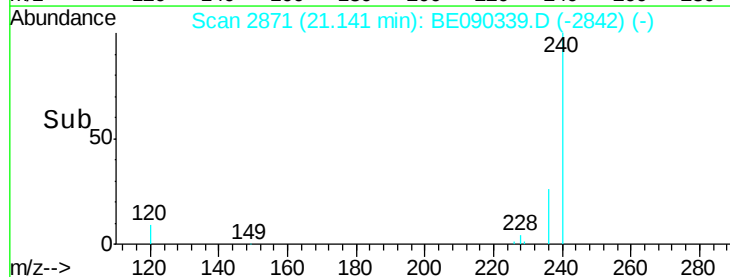
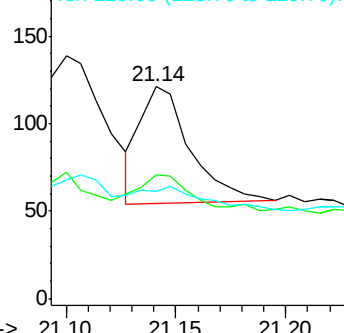
229 50.4 16.6 25.0#

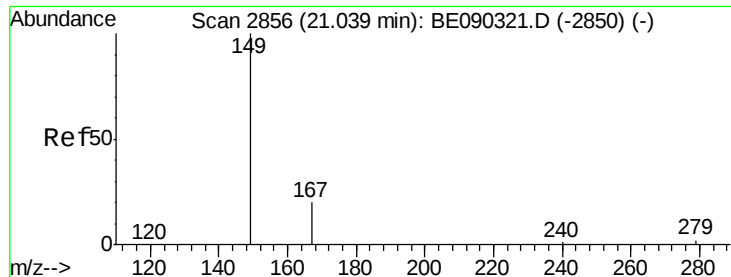


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

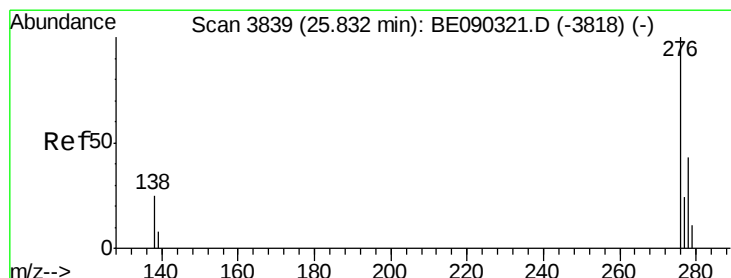
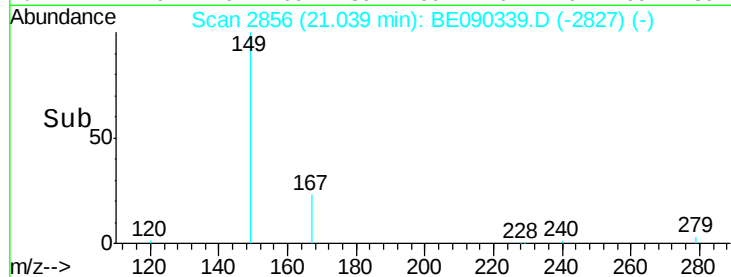
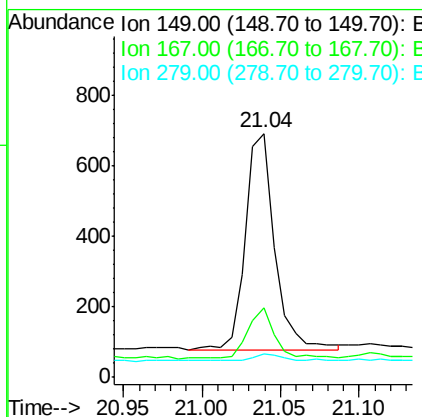
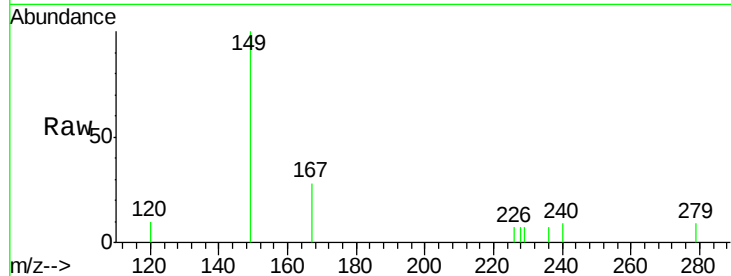




#30
 Bis(2-ethylhexyl)phthalate
 Concen: 0.52 ng
 RT: 21.04 min Scan# 2856
 Delta R.T. 0.00 min
 Lab File: BE090339.D
 Acq: 4 Aug 2015 10:00

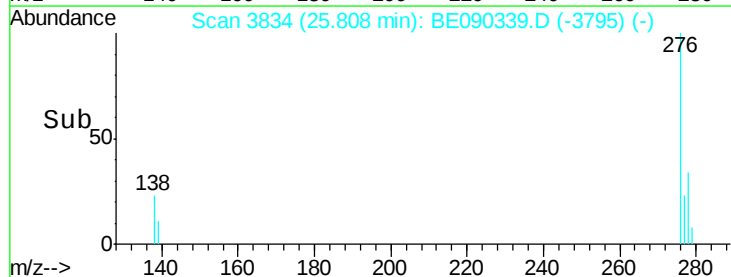
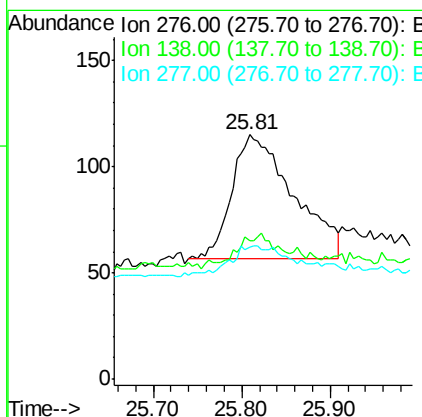
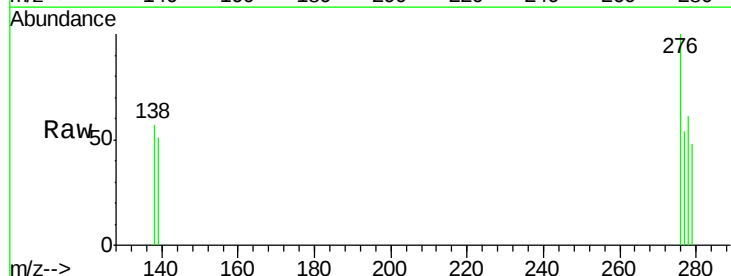
Instrument :
 BNA_E
 ClientSampleId :
 080215-D506-F-U-S

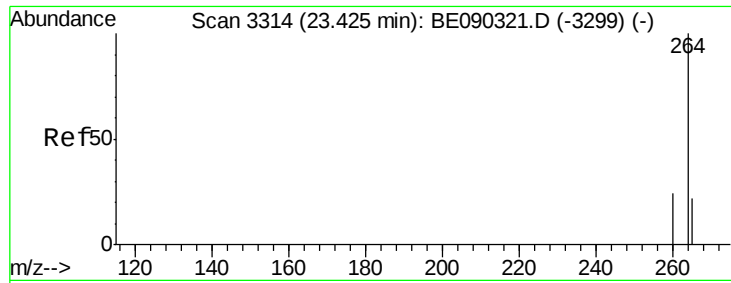
Tgt Ion: 149 Resp: 786
 Ion Ratio Lower Upper
 149 100
 167 22.5 16.6 24.8
 279 2.7 2.7 4.1#



#31
 Indeno(1,2,3-cd)pyrene
 Concen: 0.21 ng
 RT: 25.81 min Scan# 3834
 Delta R.T. -0.02 min
 Lab File: BE090339.D
 Acq: 4 Aug 2015 10:00

Tgt Ion: 276 Resp: 279
 Ion Ratio Lower Upper
 276 100
 138 0.0 10.6 16.0#
 277 24.7 14.6 22.0#

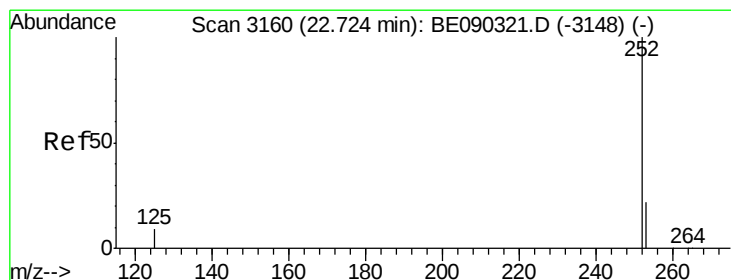
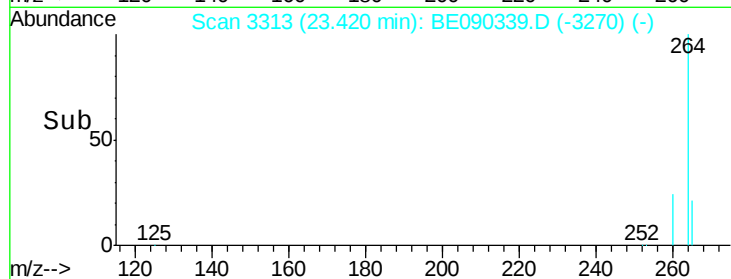
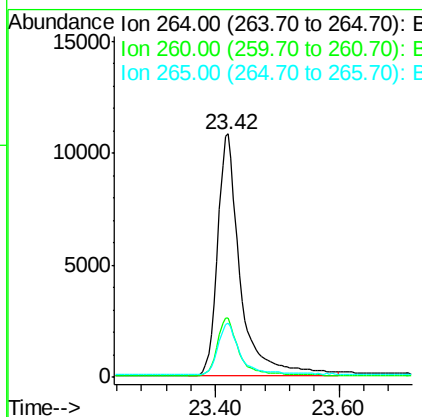
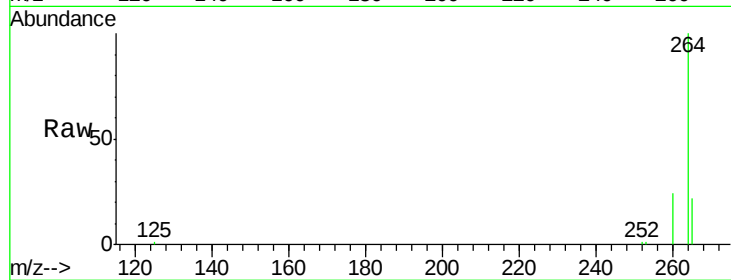




#32
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.42 min Scan# 3313
 Delta R.T. -0.00 min
 Lab File: BE090339.D
 Acq: 4 Aug 2015 10:00

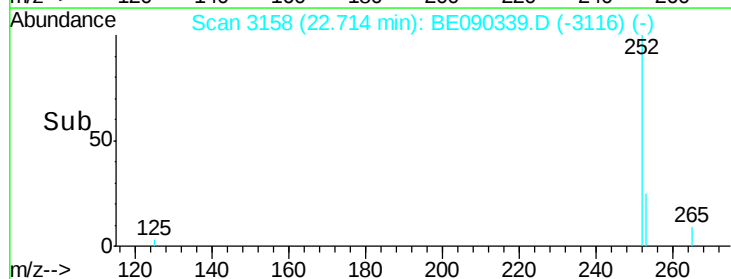
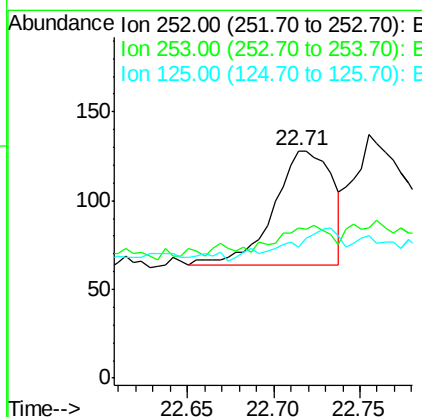
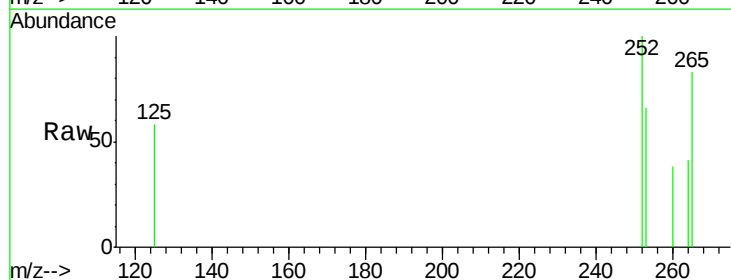
Instrument :
 BNA_E
 ClientSampleId :
 080215-D506-F-U-S

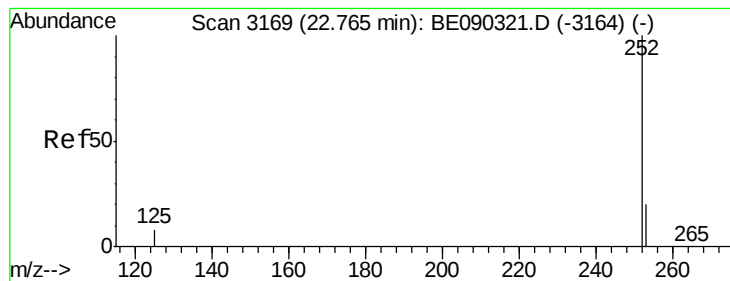
Tgt Ion: 264 Resp: 27770
 Ion Ratio Lower Upper
 264 100
 260 24.3 20.1 30.1
 265 22.2 18.6 28.0



#33
 Benzo(b)fluoranthene
 Concen: 0.38 ng
 RT: 22.71 min Scan# 3158
 Delta R.T. -0.01 min
 Lab File: BE090339.D
 Acq: 4 Aug 2015 10:00

Tgt Ion: 252 Resp: 151
 Ion Ratio Lower Upper
 252 100
 253 66.4 21.5 32.3#
 125 57.8 11.8 17.8#





#34

Benzo(k)fluoranthene

Concen: 0.02 ng

RT: 22.76 min Scan# 3167

Delta R.T. -0.01 min

Lab File: BE090339.D

Acq: 4 Aug 2015 10:00

Instrument :

BNA_E

ClientSampleId :

080215-D506-F-U-S

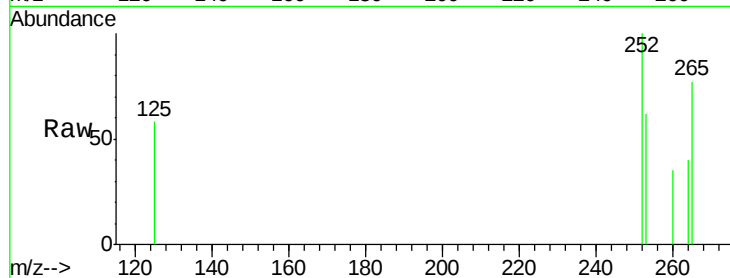
Tgt Ion: 252 Resp: 154

Ion Ratio Lower Upper

252 100

253 62.0 19.9 29.9#

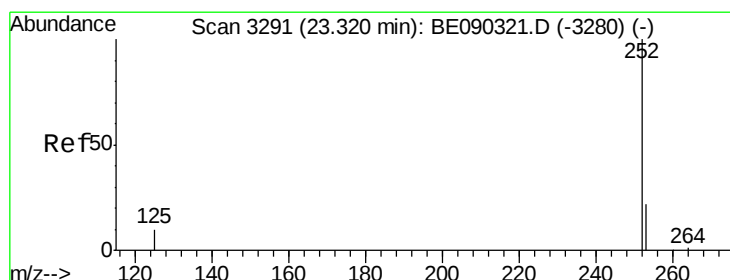
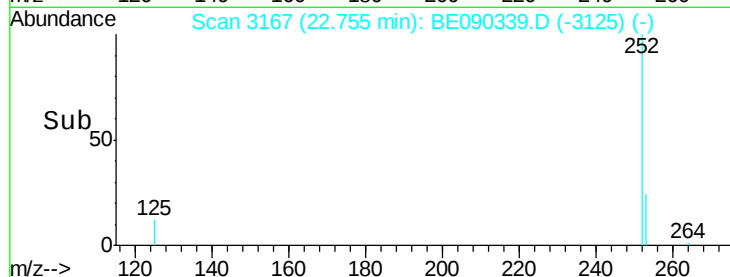
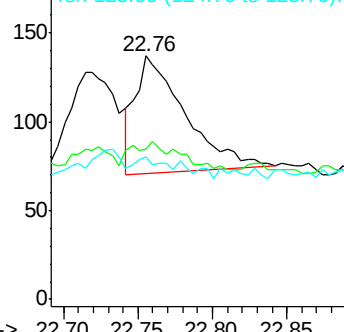
125 58.4 11.2 16.8#



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



#35

Benzo(a)pyrene

Concen: 0.34 ng

RT: 23.32 min Scan# 3290

Delta R.T. -0.00 min

Lab File: BE090339.D

Acq: 4 Aug 2015 10:00

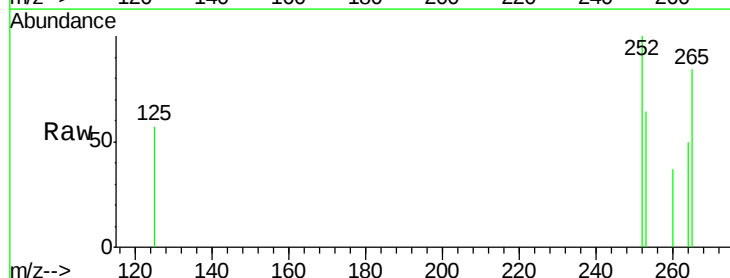
Tgt Ion: 252 Resp: 155

Ion Ratio Lower Upper

252 100

253 63.6 23.0 34.4#

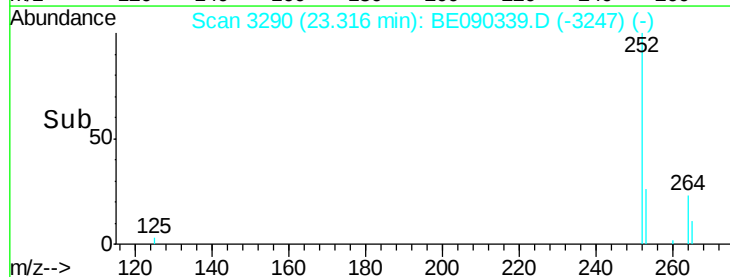
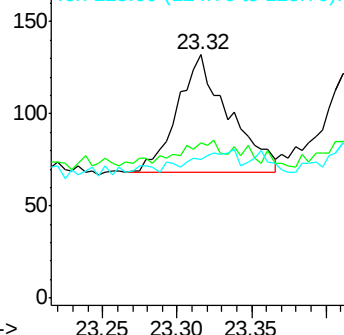
125 56.8 14.2 21.2#

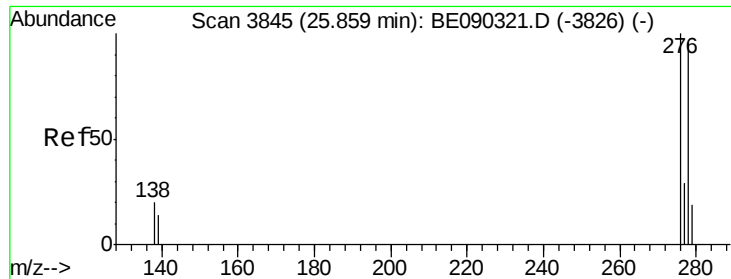


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#36

Dibenzo(a,h)anthracene

Concen: 0.25 ng

RT: 25.83 min Scan# 3838

Delta R.T. -0.03 min

Lab File: BE090339.D

Acq: 4 Aug 2015 10:00

Instrument :

BNA_E

ClientSampleId :

080215-D506-F-U-S

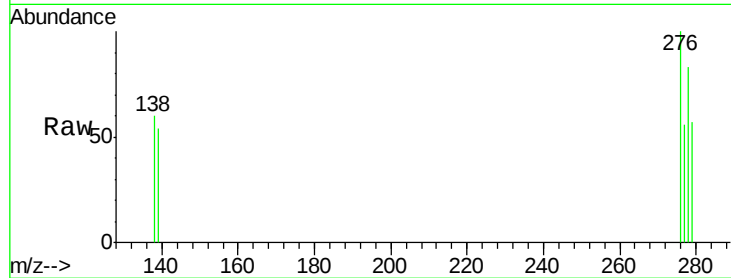
Tgt Ion: 278 Resp: 179

Ion Ratio Lower Upper

278 100

139 65.6 27.8 41.6#

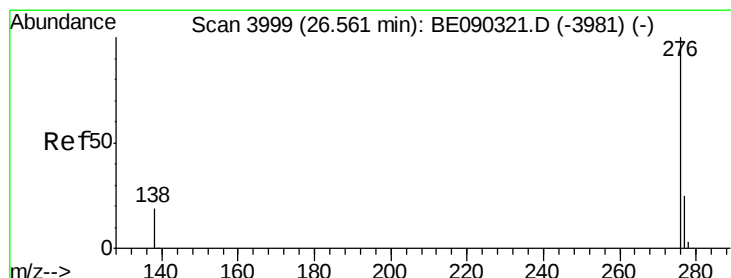
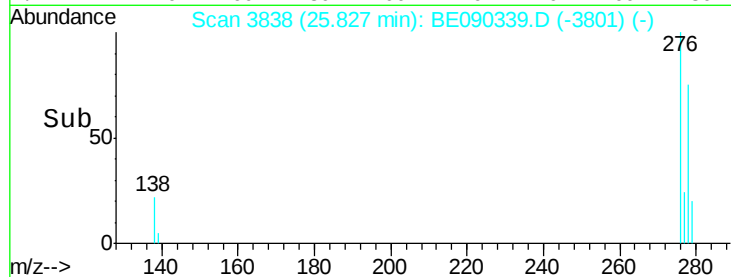
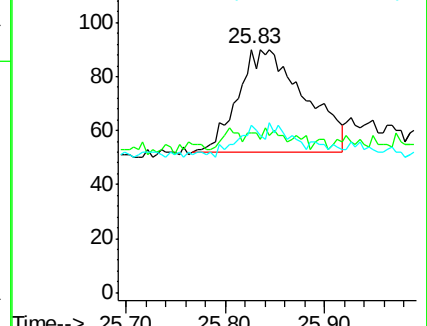
279 68.9 30.9 46.3#



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



#37

Benzo(g,h,i)perylene

Concen: 0.31 ng

RT: 26.55 min Scan# 3996

Delta R.T. -0.01 min

Lab File: BE090339.D

Acq: 4 Aug 2015 10:00

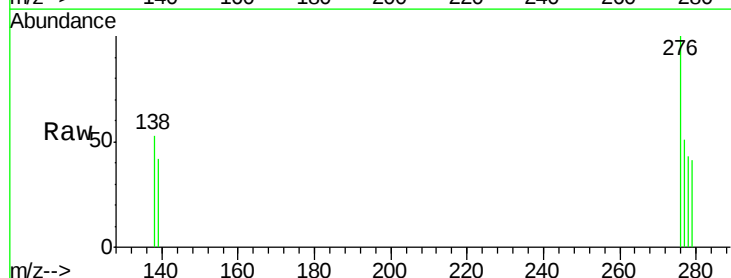
Tgt Ion: 276 Resp: 351

Ion Ratio Lower Upper

276 100

277 51.2 25.6 38.4#

138 52.8 22.0 33.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

