

Data Path : Z:\HPCHEM1\BNA E\DATA\BE090415\
 Data File : BE090734.D
 Acq On : 4 Sep 2015 17:49
 Operator : UM/IZ
 Sample : G3562-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 090215-D534-F-U-B

Quant Time: Sep 04 18:28:55 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	7.57	152	2	5.00	ng	0.02
6) Naphthalene-d8	10.31	136	13	5.00	ng	0.00
12) Acenaphthene-d10	14.15	164	7	5.00	ng	-0.02
18) Phenanthrene-d10	16.86	188	26	5.00	ng	-0.05
25) Chrysene-d12	21.00	240	20	5.00	ng	-0.08
32) Perylene-d12	23.25	264	20	5.00	ng	-0.12

System Monitoring Compounds						
4) 2-Fluorophenol	5.20	112	4	10.25	ng	0.00
5) Phenol-d6	6.77	99	7	12.57	ng	0.02
7) Nitrobenzene-d5	8.71	82	11	12.80	ng	0.00
13) 2,4,6-Tribromophenol	15.57	330	28	133.76	ng	-0.10
14) 2-Fluorobiphenyl	12.77	172	4	2.06	ng	-0.02
27) Terphenyl-d14	19.47	244	5	2.26	ng	-0.06

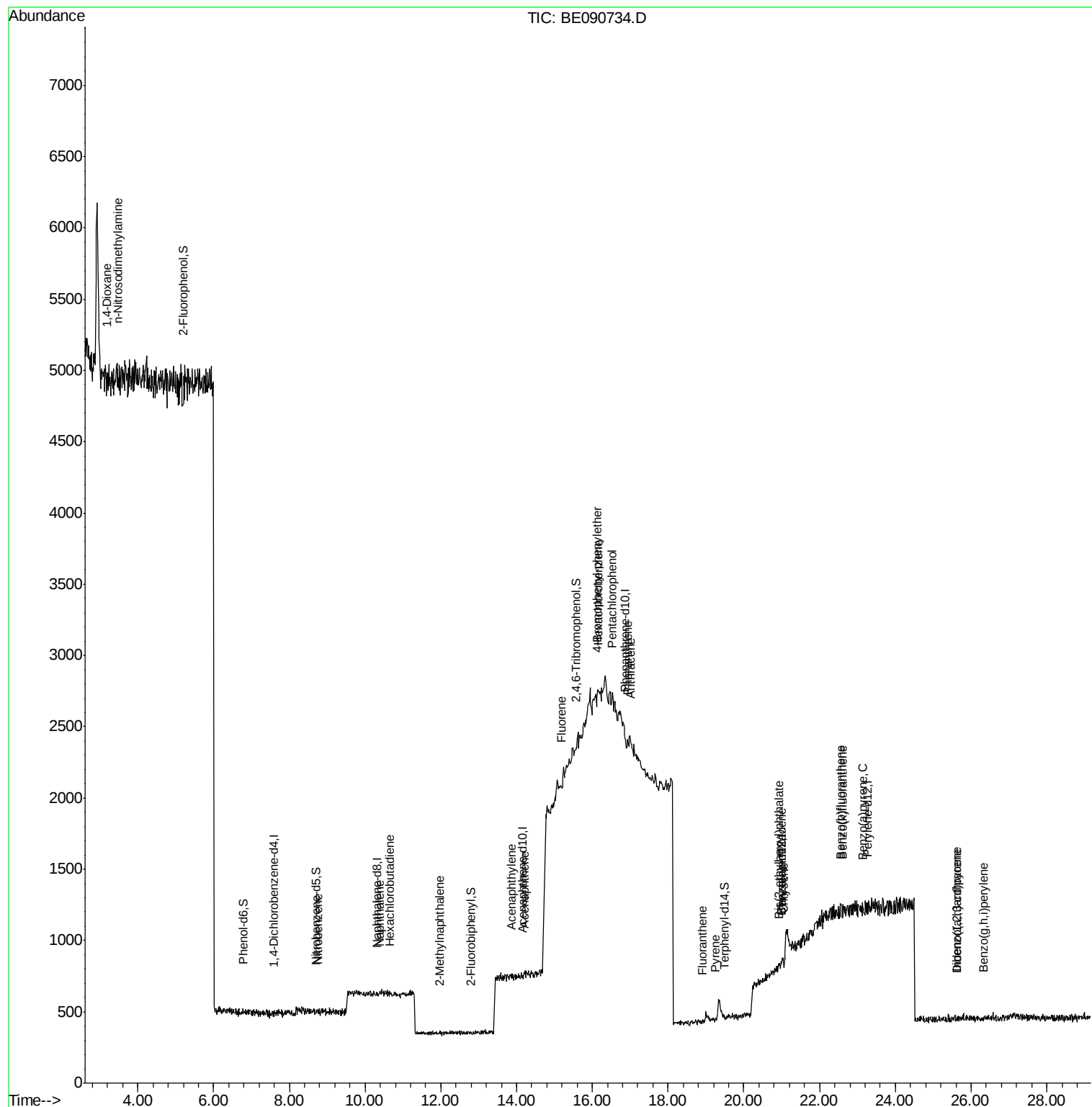
Target Compounds						Qvalue
2) 1,4-Dioxane	3.18	88	18	71.69	ng	# 69
3) n-Nitrosodimethylamine	3.47	42	69	198.24	ng	# 1
8) Nitrobenzene	8.75	77	19	17.71	ng	# 38
9) Naphthalene	10.39	128	30	10.58	ng	# 1
10) Hexachlorobutadiene	10.65	225	9	20.29	ng	# 43
11) 2-Methylnaphthalene	11.97	142	17	11.09	ng	# 53
15) Acenaphthylene	13.86	152	23	2.06	ng	# 1
16) Acenaphthene	14.20	154	11	5.88	ng	# 8
17) Fluorene	15.19	166	57	24.45	ng	# 6
19) 4-Bromophenyl-phenylether	16.13	248	24	27.08	ng	# 1
20) Hexachlorobenzene	16.15	284	31	7.39	ng	# 37
21) Pentachlorophenol	16.53	266	6	16.13	ng	# 58
22) Phenanthrene	16.93	178	17	2.64	ng	# 1
23) Anthracene	17.01	178	66	12.27	ng	# 69
24) Fluoranthene	18.91	202	7	1.03	ng	# 30
26) Pyrene	19.25	202	11	2.66	ng	# 20
28) Benzo(a)anthracene	21.00	228	18	4.10	ng	# 1
29) Chrysene	21.04	228	10	2.12	ng	# 1
30) Bis(2-ethylhexyl)phthalate	20.92	149	71	23.68	ng	# 54
31) Indeno(1,2,3-cd)pyrene	25.62	276	13	2.75	ng	# 50
33) Benzo(b)fluoranthene	22.55	252	13	3.00	ng	# 1
34) Benzo(k)fluoranthene	22.60	252	11	2.18	ng	# 1
35) Benzo(a)pyrene	23.15	252	22	5.67	ng	# 1
36) Dibenzo(a,h)anthracene	25.62	278	1	0.34	ng	# 1
37) Benzo(g,h,i)perylene	26.32	276	10	2.24	ng	# 1

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

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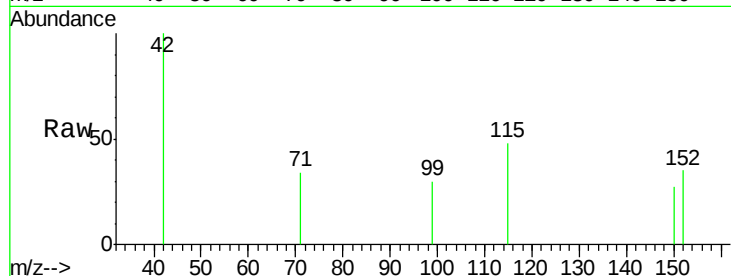


#1

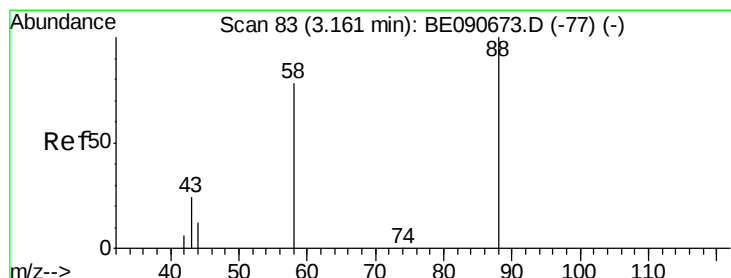
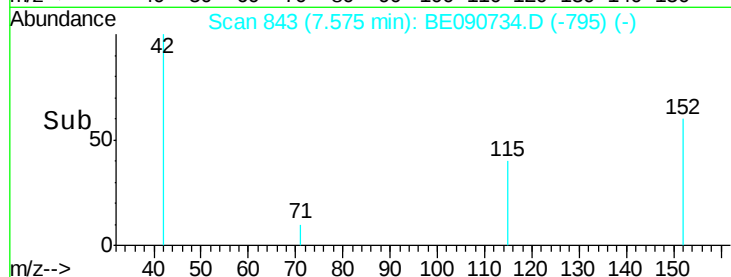
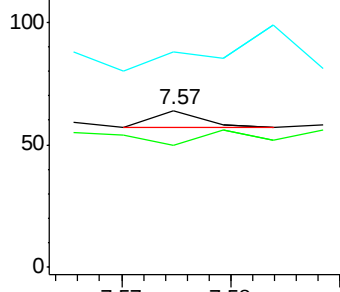
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.57 min Scan# 843
Delta R.T. 0.02 min
Lab File: BE090734.D
Acq: 4 Sep 2015 17:49

Instrument :
BNA_E
ClientSampleId :
090215-D534-F-U-B

Tot Ion:152 Resp: 2
Ion Ratio Lower Upper
152 100
150 78.1 122.2 183.4#
115 137.5 51.0 76.4#



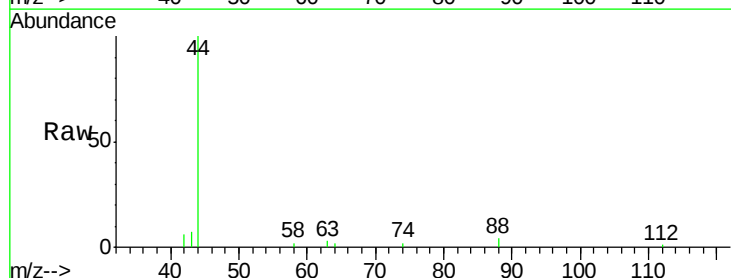
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



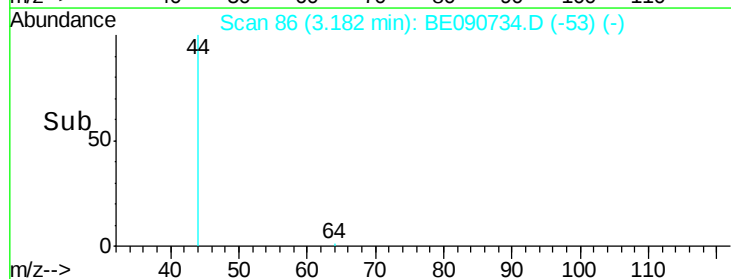
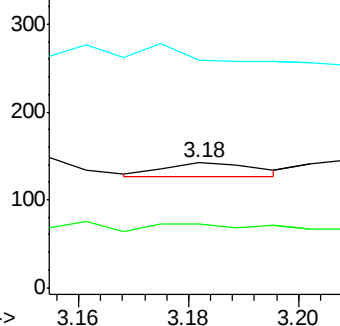
#2

1,4-Dioxane
Concen: 71.69 ng
RT: 3.18 min Scan# 86
Delta R.T. 0.02 min
Lab File: BE090734.D
Acq: 4 Sep 2015 17:49

Tgt Ion: 88 Resp: 18
Ion Ratio Lower Upper
88 100
58 66.7 68.4 102.6#
43 0.0 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



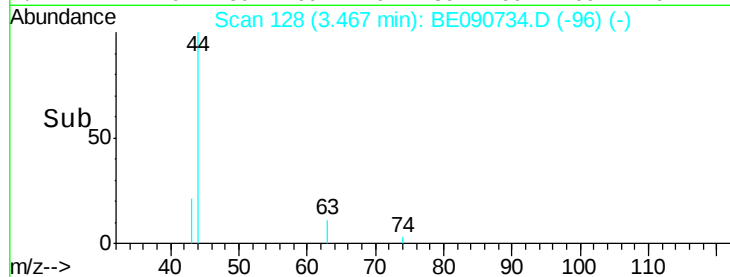
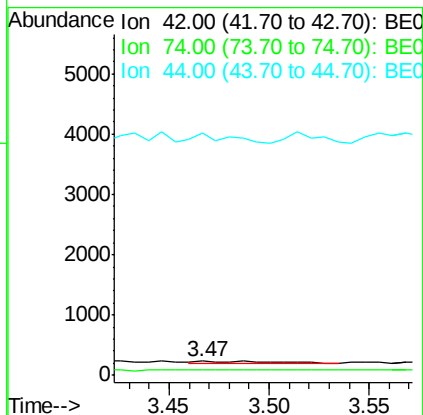
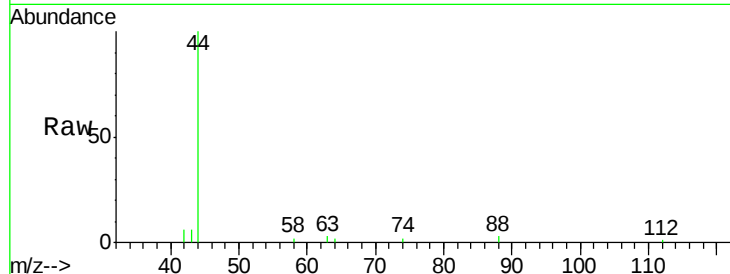


#3

n-Nitrosodimethylamine
 Concen: 198.24 ng
 RT: 3.47 min Scan# 128
 Delta R.T. 0.01 min
 Lab File: BE090734.D
 Acq: 4 Sep 2015 17:49

Instrument :
 BNA_E
 ClientSampleId :
 090215-D534-F-U-B

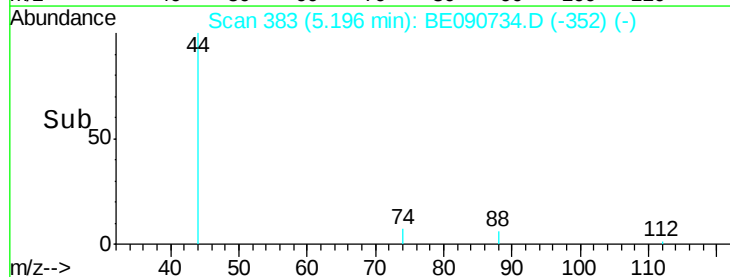
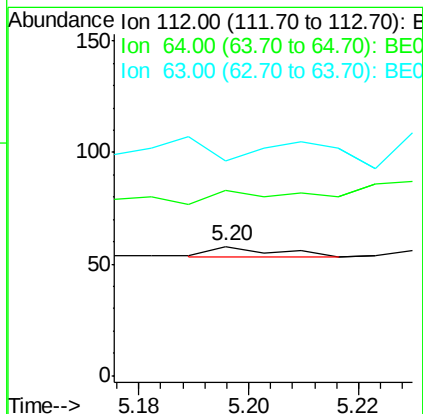
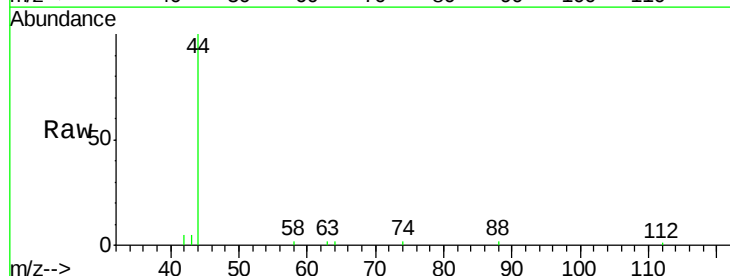
Tot Ion: 42 Resp: 69
 Ion Ratio Lower Upper
 42 100
 74 34.8 83.7 125.5#
 44 240.6 10.0 15.0#



#4

2-Fluorophenol
 Concen: 10.25 ng
 RT: 5.20 min Scan# 383
 Delta R.T. 0.01 min
 Lab File: BE090734.D
 Acq: 4 Sep 2015 17:49

Tgt Ion: 112 Resp: 4
 Ion Ratio Lower Upper
 112 100
 64 0.0 57.3 85.9#
 63 375.0 29.2 43.8#





#5

Phenol-d6

Concen: 12.57 ng

RT: 6.77 min Scan# 667

Delta R.T. 0.02 min

Lab File: BE090734.D

Acq: 4 Sep 2015 17:49

Instrument :

BNA_E

ClientSampleId :

090215-D534-F-U-B

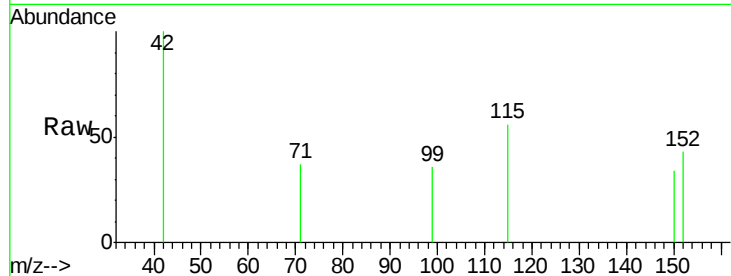
Tot Ion: 99 Resp: 7

Ion Ratio Lower Upper

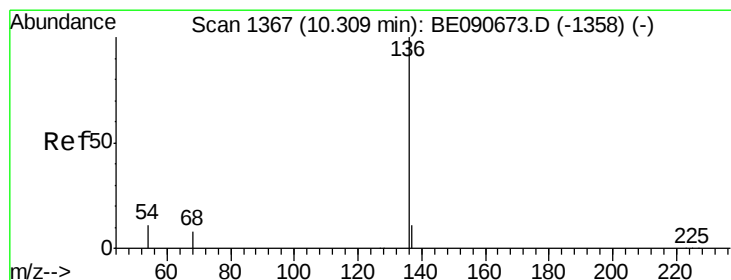
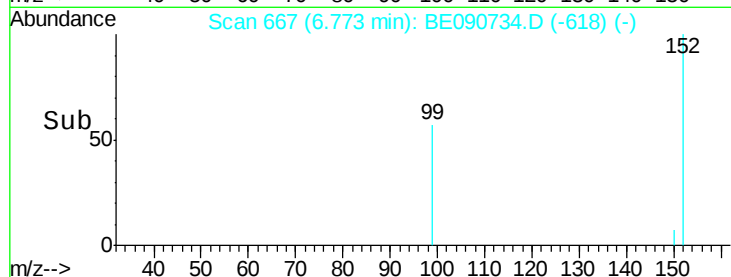
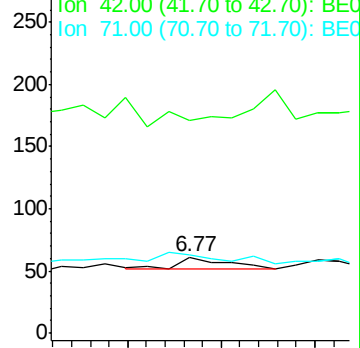
99 100

42 0.0 16.8 25.2#

71 57.1 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: BE090734.D

Acq: 4 Sep 2015 17:49

Tgt Ion: 136 Resp: 13

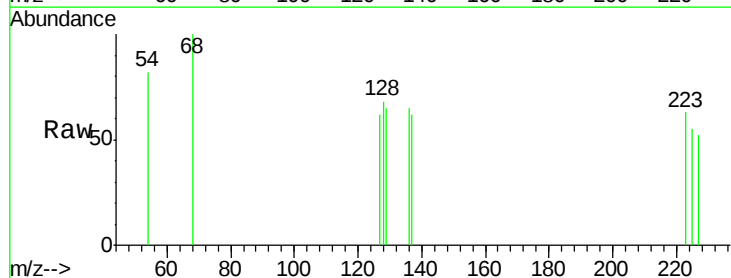
Ion Ratio Lower Upper

136 100

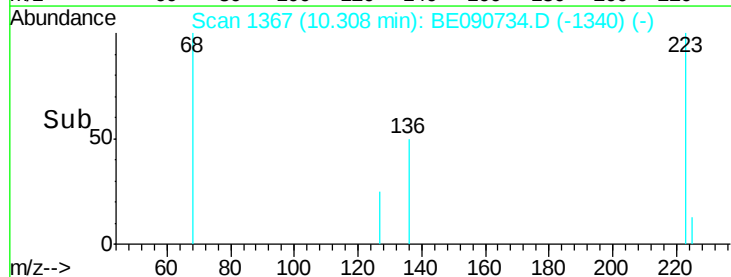
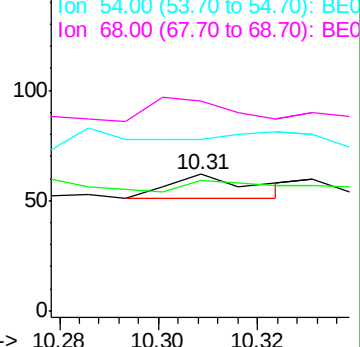
137 95.2 8.7 13.1#

54 125.8 9.0 13.6#

68 153.2 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: 12.80 ng

RT: 8.71 min Scan# 1089

Delta R.T. 0.00 min

Lab File: BE090734.D

Acq: 4 Sep 2015 17:49

Instrument :

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ClientSampleId :

090215-D534-F-U-B

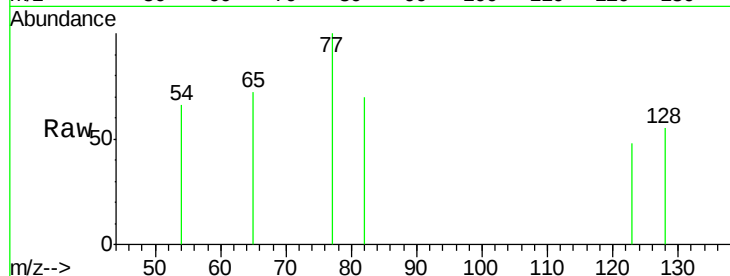
Tot Ion: 82 Resp: 11

Ion Ratio Lower Upper

82 100

128 79.5 25.0 37.4#

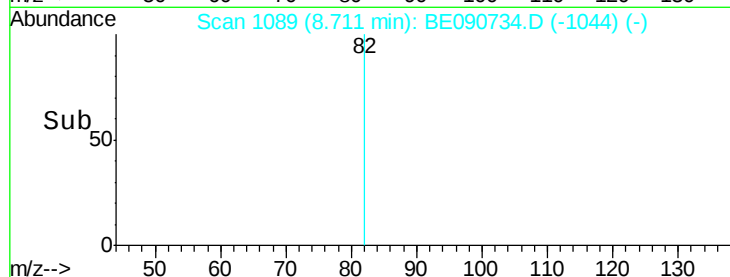
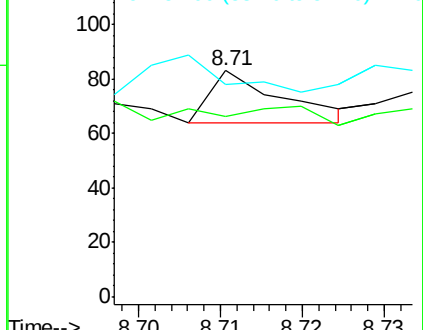
54 94.0 46.3 69.5#



Abundance Ion 82.00 (81.70 to 82.70): BE090734.D (-1078) (-)

Ion 128.00 (127.70 to 128.70): BE090734.D (-1078) (-)

Ion 54.00 (53.70 to 54.70): BE090734.D (-1078) (-)



#8

Nitrobenzene

Concen: 17.71 ng

RT: 8.75 min Scan# 1098

Delta R.T. 0.00 min

Lab File: BE090734.D

Acq: 4 Sep 2015 17:49

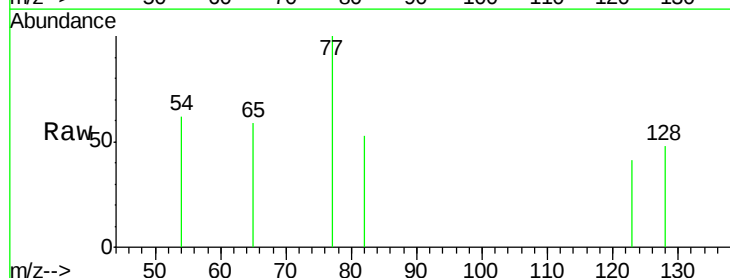
Tgt Ion: 77 Resp: 19

Ion Ratio Lower Upper

77 100

123 0.0 25.1 37.7#

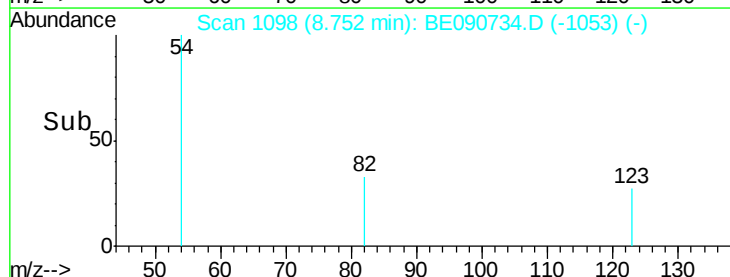
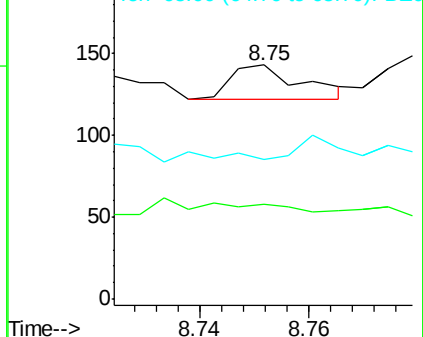
65 42.1 9.9 14.9#

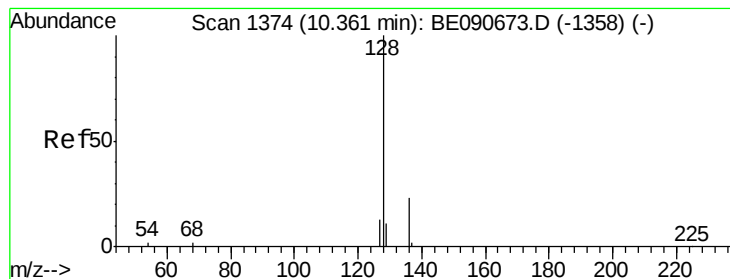


Abundance Ion 77.00 (76.70 to 77.70): BE090734.D (-1053) (-)

Ion 123.00 (122.70 to 123.70): BE090734.D (-1053) (-)

Ion 65.00 (64.70 to 65.70): BE090734.D (-1053) (-)





#9

Naphthalene

Concen: 10.58 ng

RT: 10.39 min Scan# 1378

Delta R.T. 0.03 min

Lab File: BE090734.D

Acq: 4 Sep 2015 17:49

Instrument :

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ClientSampleId :

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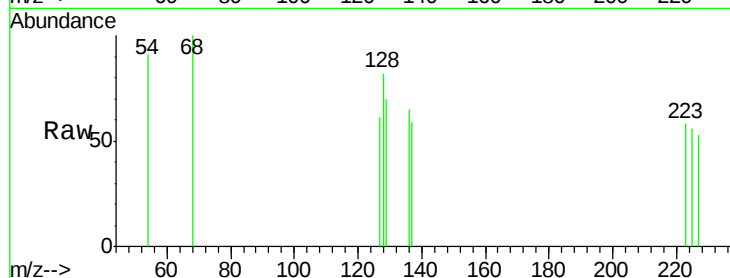
Tot Ion:128 Resp: 30

Ion Ratio Lower Upper

128 100

129 85.5 9.0 13.6#

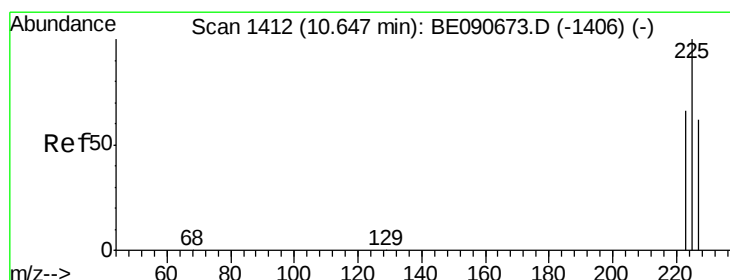
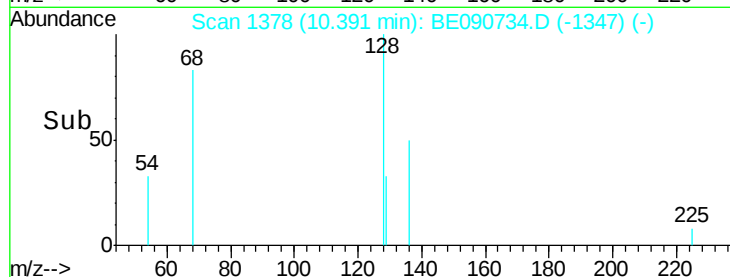
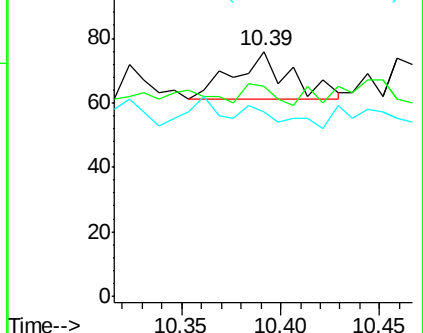
127 75.0 10.6 15.8#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 20.29 ng

RT: 10.65 min Scan# 1412

Delta R.T. -0.00 min

Lab File: BE090734.D

Acq: 4 Sep 2015 17:49

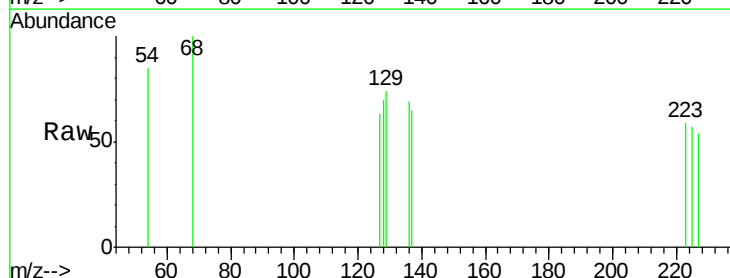
Tgt Ion:225 Resp: 9

Ion Ratio Lower Upper

225 100

223 0.0 50.6 76.0#

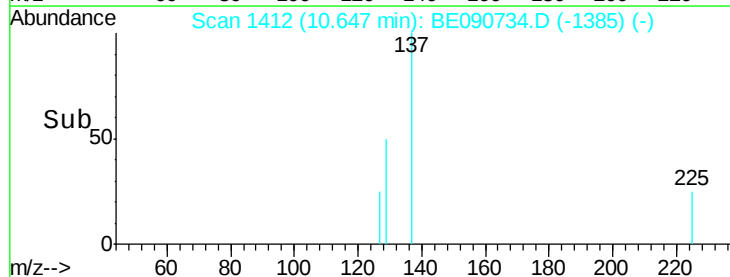
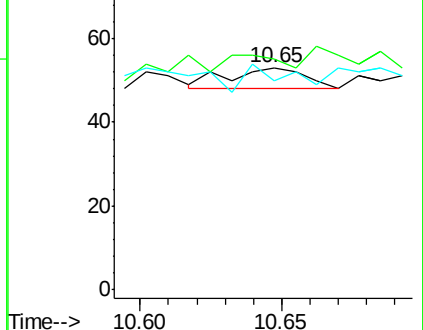
227 88.9 51.0 76.6#



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





#11

2-Methylnaphthalene

Concen: 11.09 ng

RT: 11.97 min Scan# 1642

Delta R.T. -0.01 min

Lab File: BE090734.D

Acq: 4 Sep 2015 17:49

Instrument :

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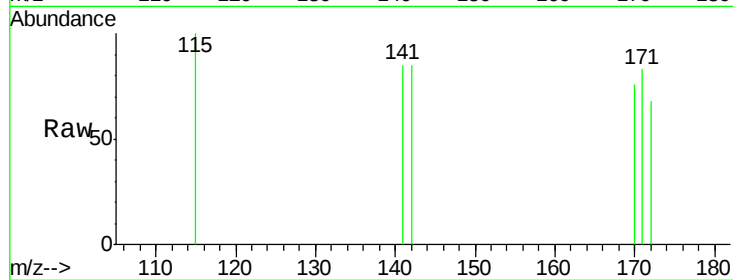
Tot Ion:142 Resp: 17

Ion Ratio Lower Upper

142 100

141 100.0 71.4 107.2

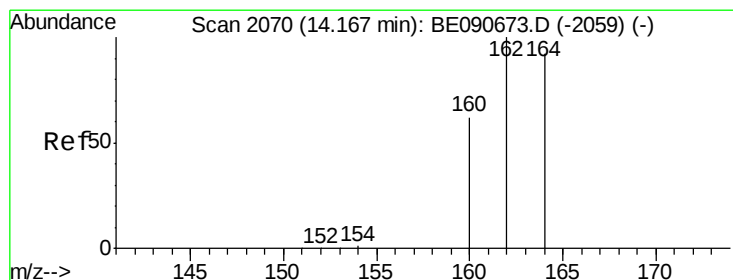
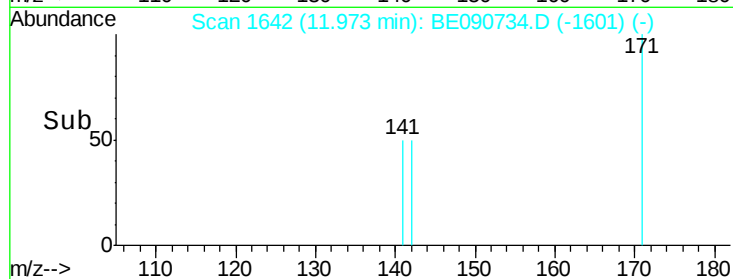
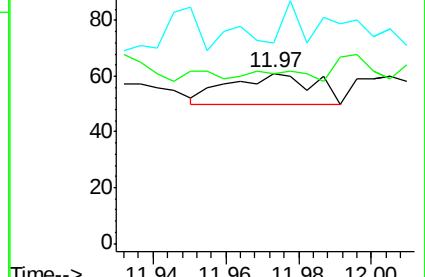
115 118.0 31.0 46.4#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.15 min Scan# 2067

Delta R.T. -0.02 min

Lab File: BE090734.D

Acq: 4 Sep 2015 17:49

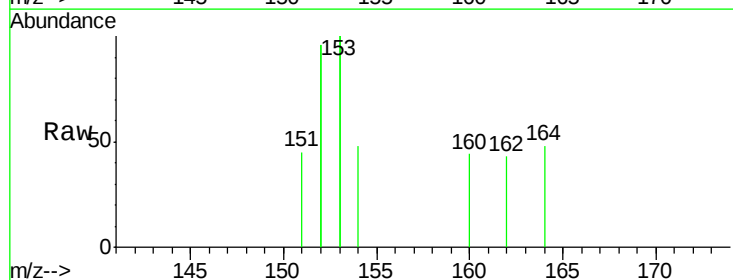
Tgt Ion:164 Resp: 7

Ion Ratio Lower Upper

164 100

162 89.7 86.8 130.2

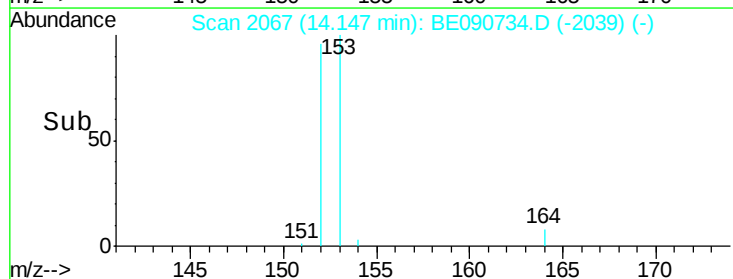
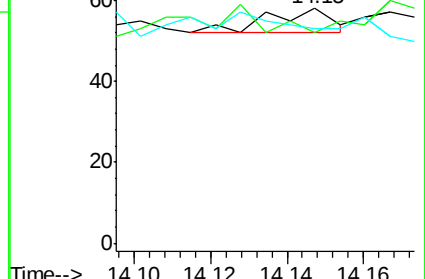
160 91.4 53.9 80.9#



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

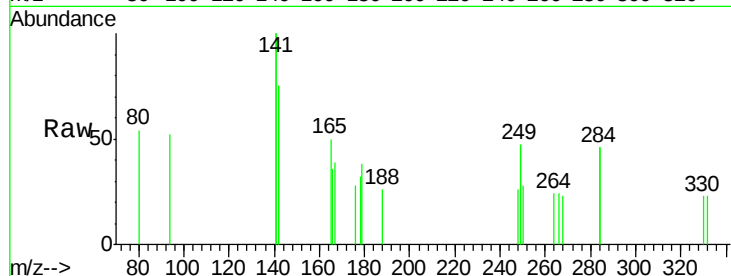




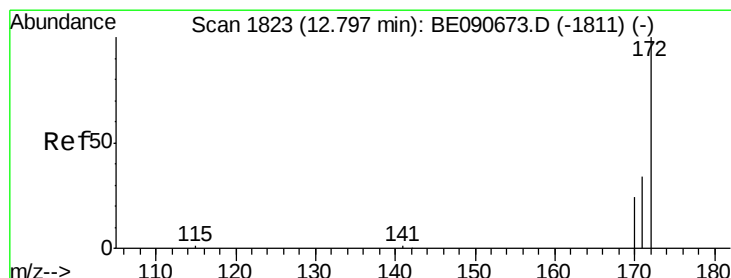
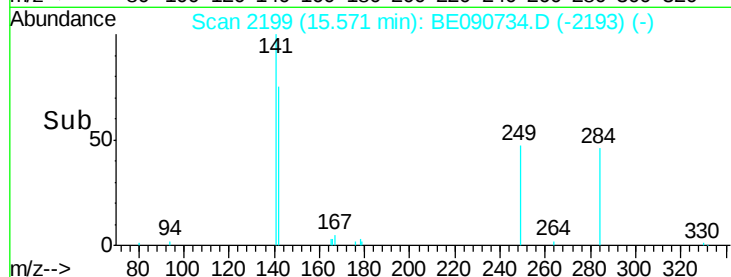
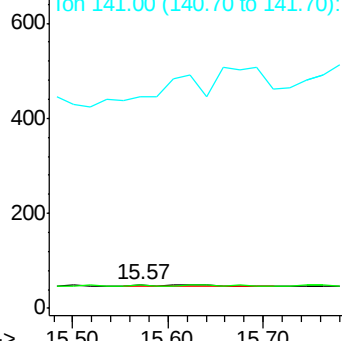
#13
 2,4,6-Tribromophenol
 Concen: 133.76 ng
 RT: 15.57 min Scan# 2199
 Delta R.T. -0.10 min
 Lab File: BE090734.D
 Acq: 4 Sep 2015 17:49

Instrument :
 BNA_E
 ClientSampleId :
 090215-D534-F-U-B

Tot Ion:330 Resp: 28
 Ion Ratio Lower Upper
 330 100
 332 28.6 74.9 112.3#
 141 0.0 145.2 217.8#

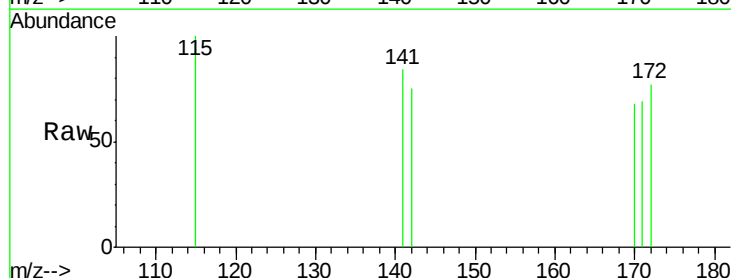


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

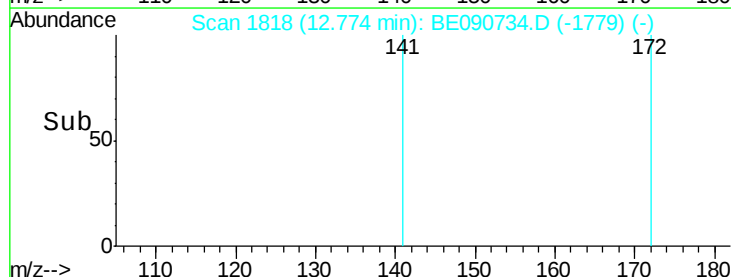
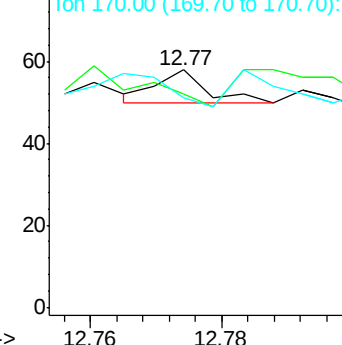


#14
 2-Fluorobiphenyl
 Concen: 2.06 ng
 RT: 12.77 min Scan# 1818
 Delta R.T. -0.02 min
 Lab File: BE090734.D
 Acq: 4 Sep 2015 17:49

Tgt Ion:172 Resp: 4
 Ion Ratio Lower Upper
 172 100
 171 89.7 27.8 41.8#
 170 87.9 19.8 29.6#



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#15

Acenaphthylene

Concen: 2.06 ng

RT: 13.86 min Scan# 2023

Delta R.T. -0.03 min

Lab File: BE090734.D

Acq: 4 Sep 2015 17:49

Instrument :

BNA_E

ClientSampleId :

090215-D534-F-U-B

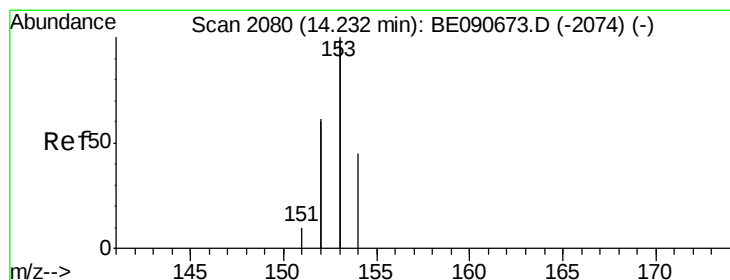
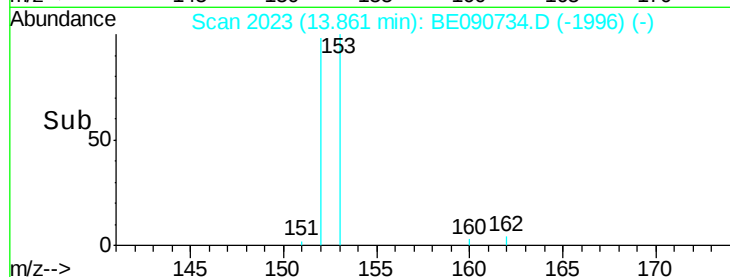
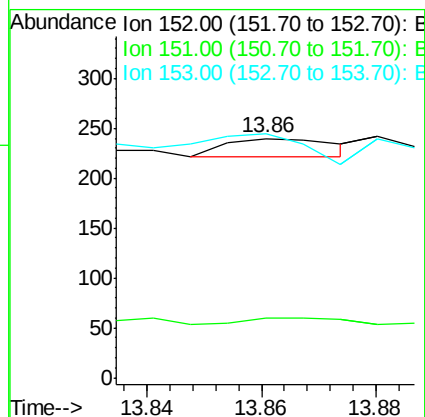
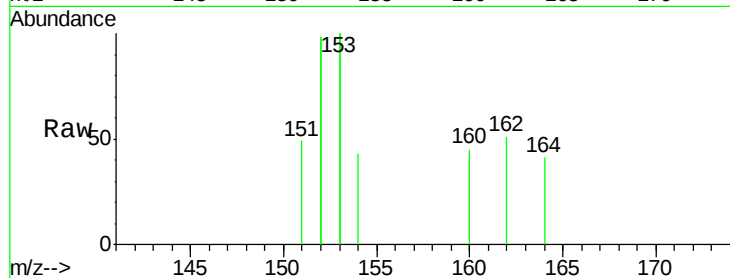
Tot Ion:152 Resp: 23

Ion Ratio Lower Upper

152 100

151 47.8 3.9 5.9#

153 334.8 10.3 15.5#



#16

Acenaphthene

Concen: 5.88 ng

RT: 14.20 min Scan# 2075

Delta R.T. -0.03 min

Lab File: BE090734.D

Acq: 4 Sep 2015 17:49

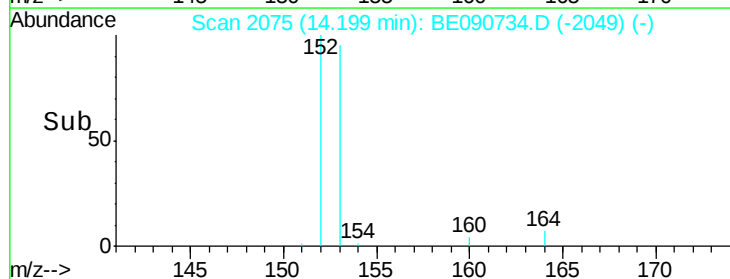
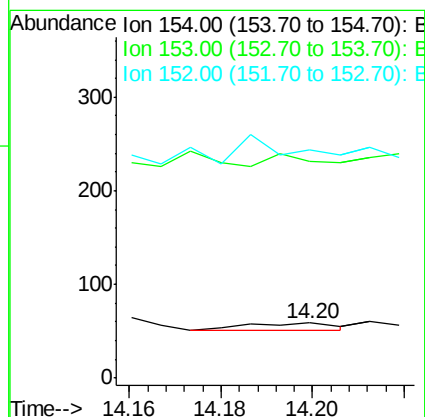
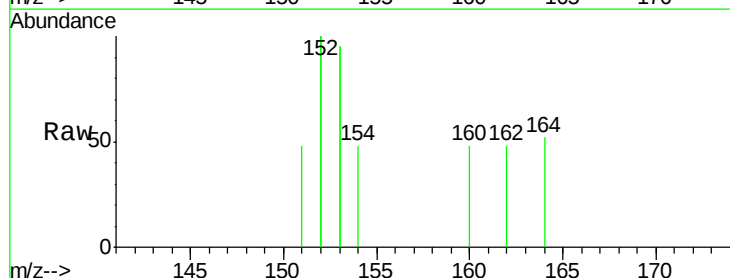
Tgt Ion:154 Resp: 11

Ion Ratio Lower Upper

154 100

153 81.8 354.5 531.7#

152 309.1 227.8 341.6





#17

Fluorene

Concen: 24.45 ng

RT: 15.19 min Scan# 2177

Delta R.T. -0.03 min

Lab File: BE090734.D

Acq: 4 Sep 2015 17:49

Instrument :

BNA_E

ClientSampleId :

090215-D534-F-U-B

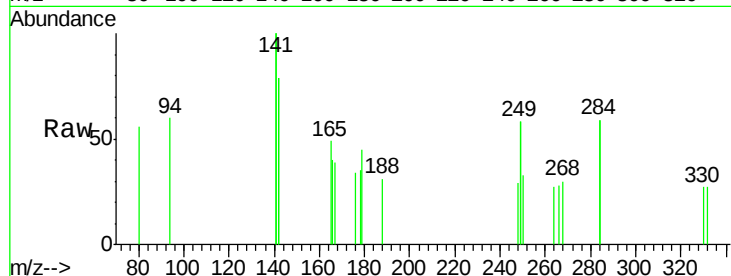
Tot Ion:166 Resp: 57

Ion Ratio Lower Upper

166 100

165 0.0 82.7 124.1#

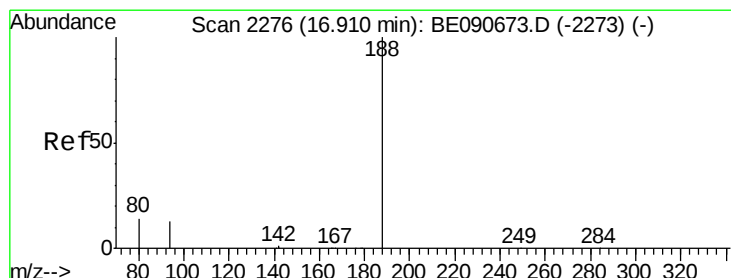
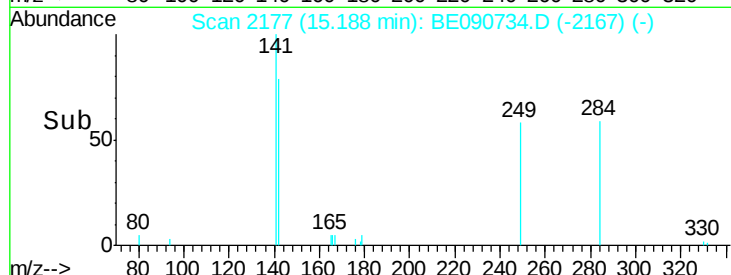
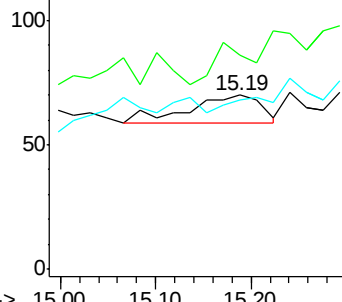
167 0.0 10.7 16.1#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.86 min Scan# 2273

Delta R.T. -0.05 min

Lab File: BE090734.D

Acq: 4 Sep 2015 17:49

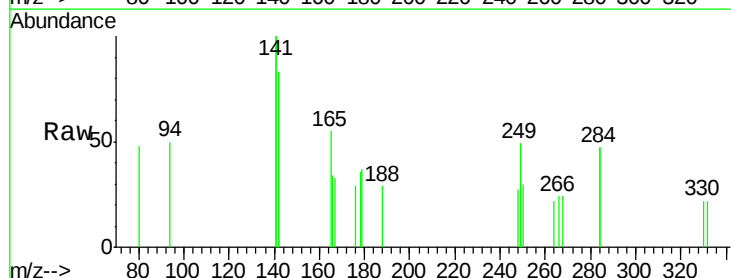
Tgt Ion:188 Resp: 26

Ion Ratio Lower Upper

188 100

94 172.3 10.3 15.5#

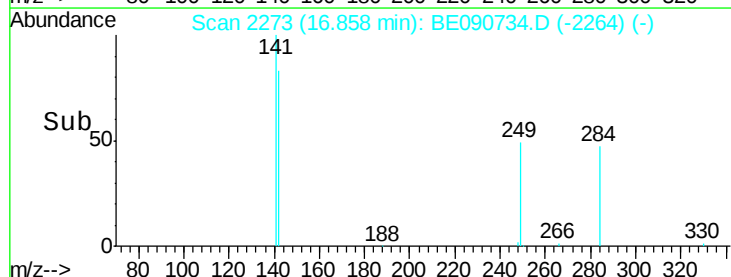
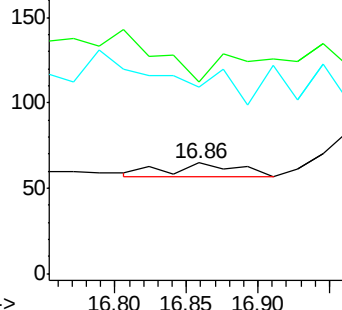
80 167.7 11.0 16.6#



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

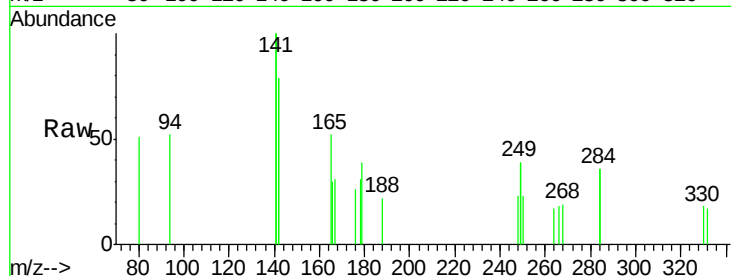




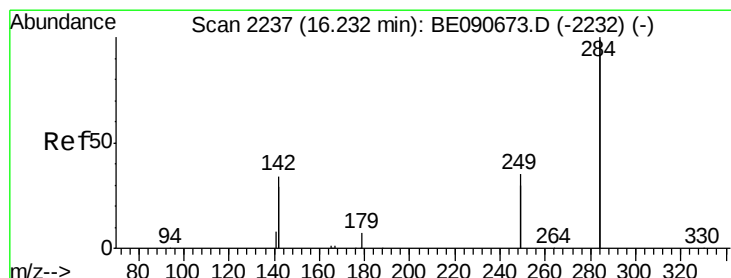
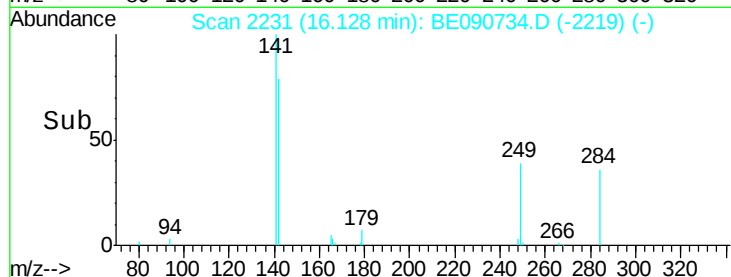
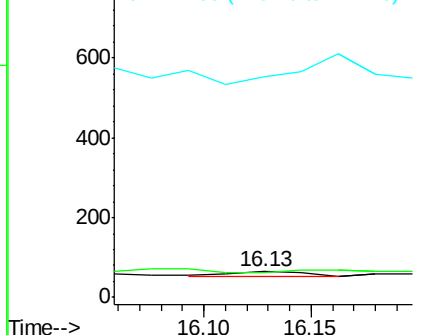
#19
4-Bromophenyl-phenylether
Concen: 27.08 ng
RT: 16.13 min Scan# 2231
Delta R.T. 0.00 min
Lab File: BE090734.D
Acq: 4 Sep 2015 17:49

Instrument :
BNA_E
ClientSampleId :
090215-D534-F-U-B

Tot Ion:248 Resp: 24
Ion Ratio Lower Upper
248 100
250 0.0 76.7 115.1#
141 0.0 292.6 439.0#

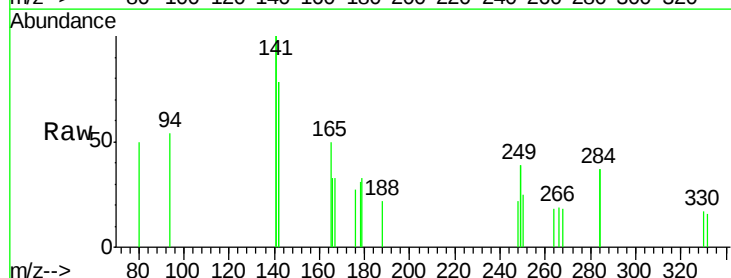


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

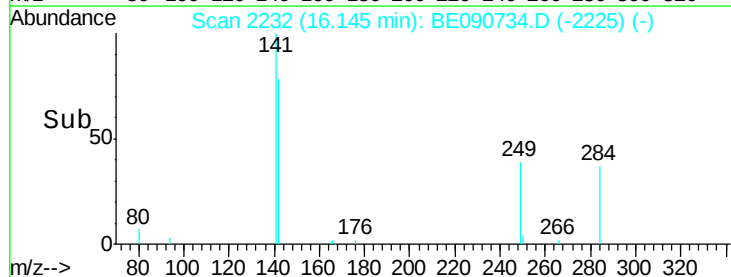
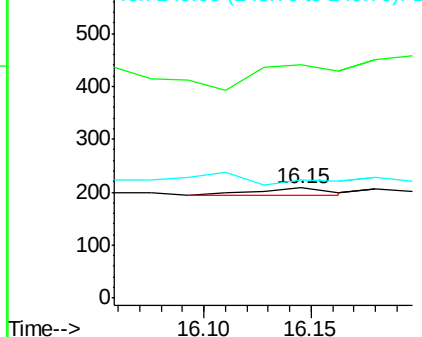


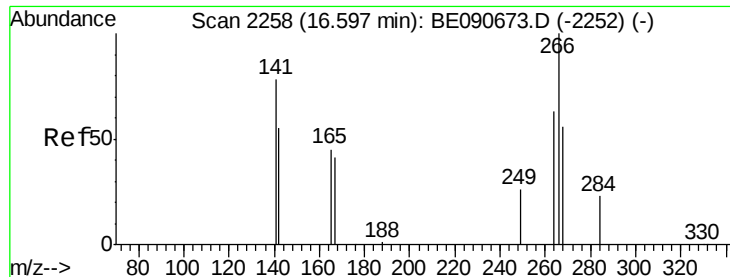
#20
Hexachlorobenzene
Concen: 7.39 ng
RT: 16.15 min Scan# 2232
Delta R.T. -0.09 min
Lab File: BE090734.D
Acq: 4 Sep 2015 17:49

Tgt Ion:284 Resp: 31
Ion Ratio Lower Upper
284 100
142 0.0 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

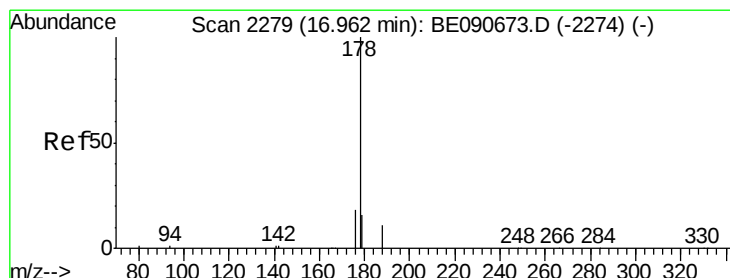
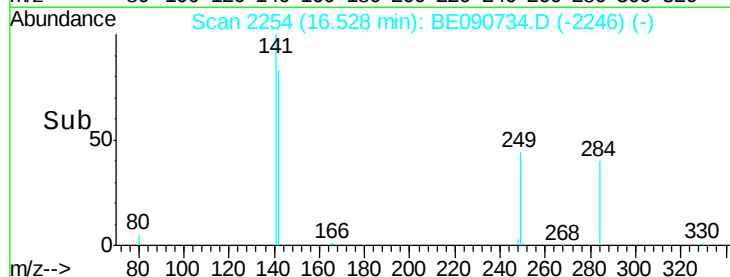
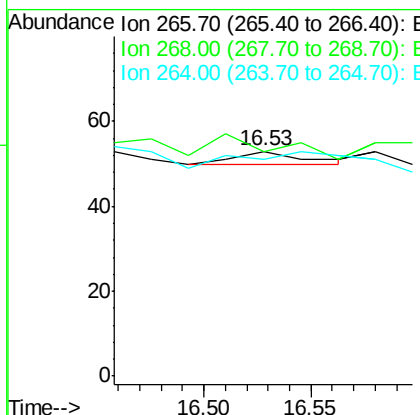
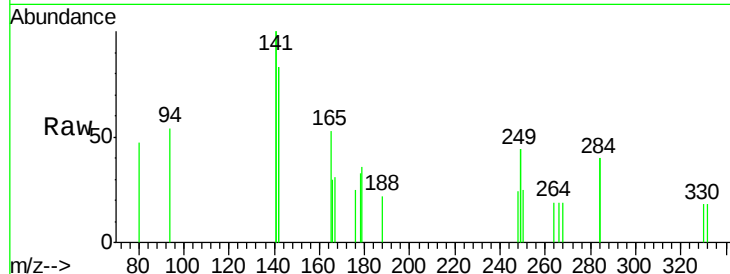




#21
 Pentachlorophenol
 Concen: 16.13 ng
 RT: 16.53 min Scan# 2254
 Delta R.T. -0.07 min
 Lab File: BE090734.D
 Acq: 4 Sep 2015 17:49

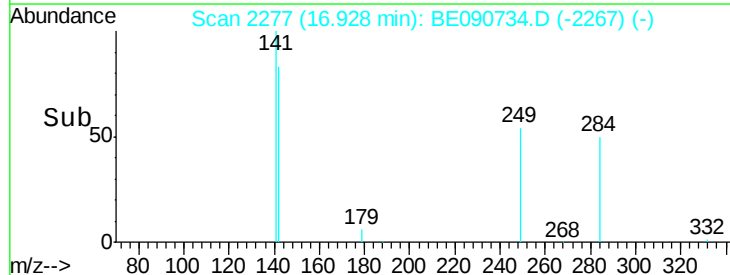
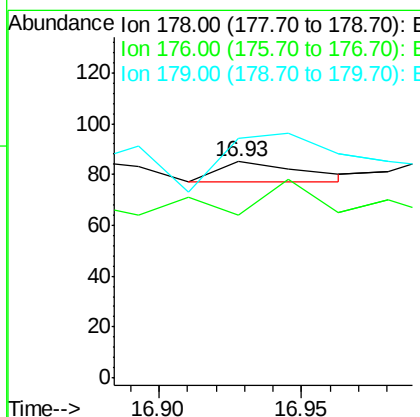
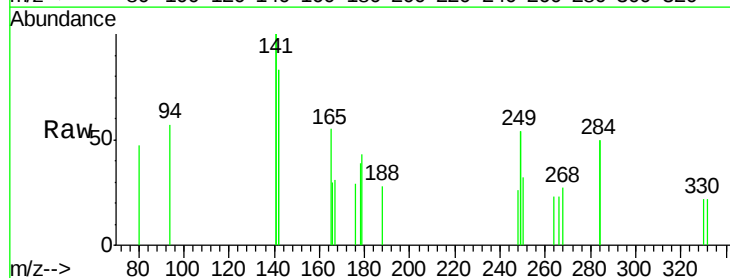
Instrument :
 BNA_E
 ClientSampleId :
 090215-D534-F-U-B

Tot Ion:266 Resp: 6
 Ion Ratio Lower Upper
 266 100
 268 100.0 49.6 74.4#
 264 96.2 53.9 80.9#



#22
 Phenanthrene
 Concen: 2.64 ng
 RT: 16.93 min Scan# 2277
 Delta R.T. -0.03 min
 Lab File: BE090734.D
 Acq: 4 Sep 2015 17:49

Tgt Ion:178 Resp: 17
 Ion Ratio Lower Upper
 178 100
 176 188.2 15.6 23.4#
 179 511.8 12.8 19.2#





#23

Anthracene

Concen: 12.27 ng

RT: 17.01 min Scan# 2282

Delta R.T. -0.03 min

Lab File: BE090734.D

Acq: 4 Sep 2015 17:49

Instrument :

BNA_E

ClientSampleId :

090215-D534-F-U-B

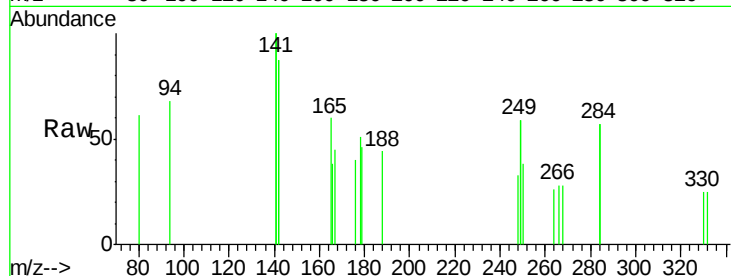
Tot Ion:178 Resp: 66

Ion Ratio Lower Upper

178 100

176 30.3 15.0 22.6#

179 0.0 12.3 18.5#



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

17.01

100

80

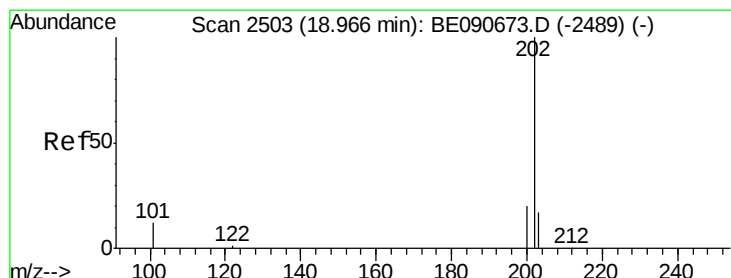
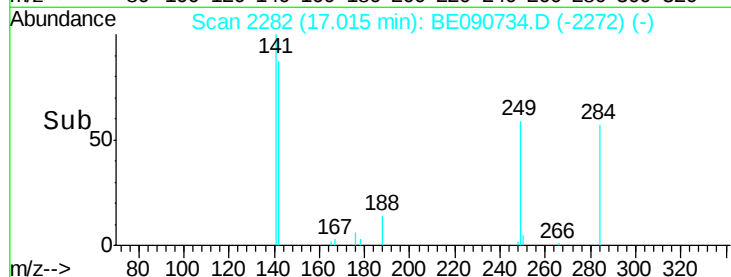
60

40

20

0

Time-->



#24

Fluoranthene

Concen: 1.03 ng

RT: 18.91 min Scan# 2493

Delta R.T. -0.05 min

Lab File: BE090734.D

Acq: 4 Sep 2015 17:49

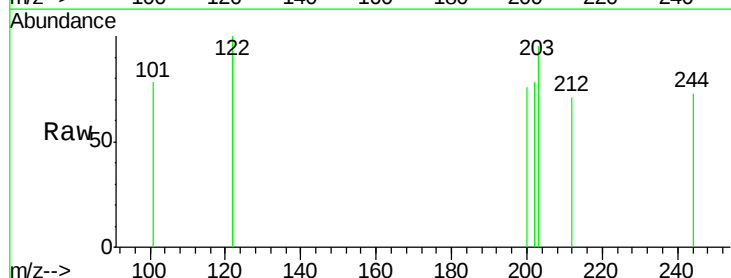
Tgt Ion:202 Resp: 7

Ion Ratio Lower Upper

202 100

101 57.1 11.0 16.6#

203 0.0 13.9 20.9#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

18.91

100

80

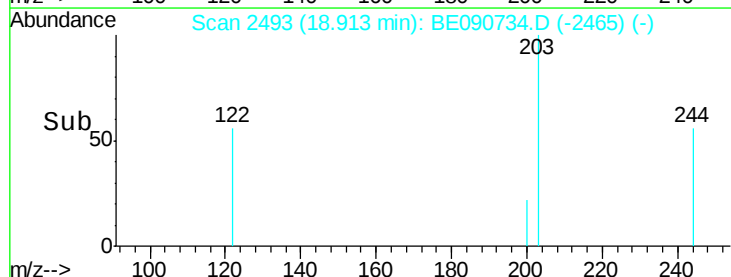
60

40

20

0

Time-->





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.00 min Scan# 2851

Delta R.T. -0.08 min

Lab File: BE090734.D

Acq: 4 Sep 2015 17:49

Instrument :

BNA_E

ClientSampleId :

090215-D534-F-U-B

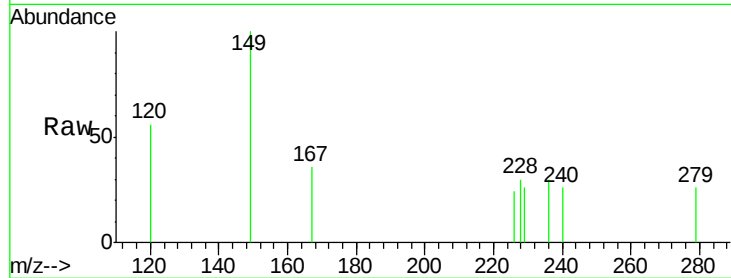
Tot Ion:240 Resp: 20

Ion Ratio Lower Upper

240 100

120 217.5 10.1 15.1#

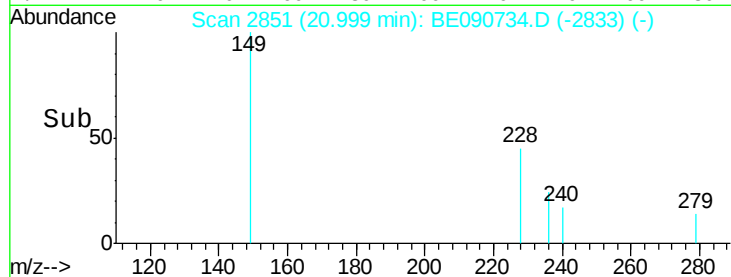
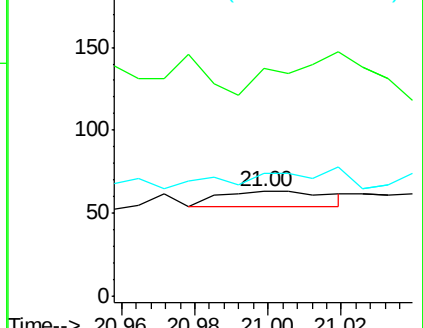
236 117.5 21.9 32.9#



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



#26

Pyrene

Concen: 2.66 ng

RT: 19.25 min Scan# 2557

Delta R.T. -0.07 min

Lab File: BE090734.D

Acq: 4 Sep 2015 17:49

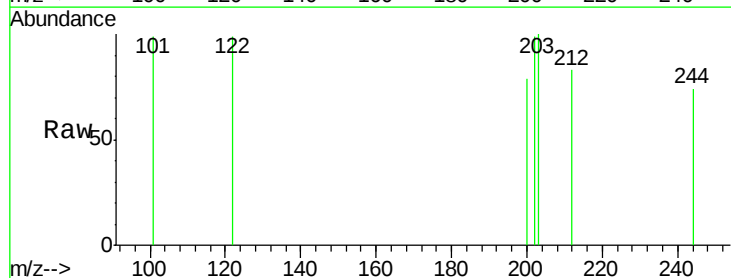
Tgt Ion:202 Resp: 11

Ion Ratio Lower Upper

202 100

200 18.2 16.7 25.1

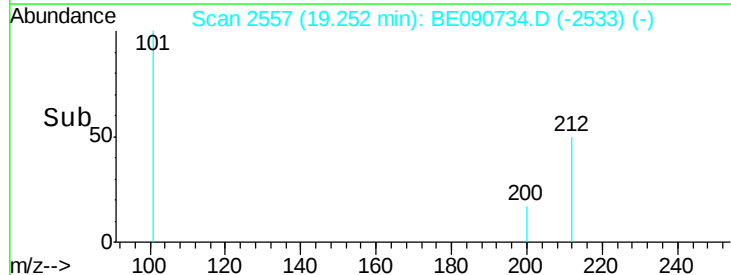
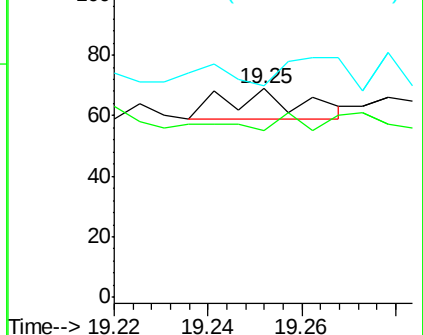
203 90.9 13.8 20.6#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Terphenyl-d14

Concen: 2.26 ng

RT: 19.47 min Scan# 2599

Delta R.T. -0.06 min

Lab File: BE090734.D

Acq: 4 Sep 2015 17:49

Instrument :

BNA_E

ClientSampleId :

090215-D534-F-U-B

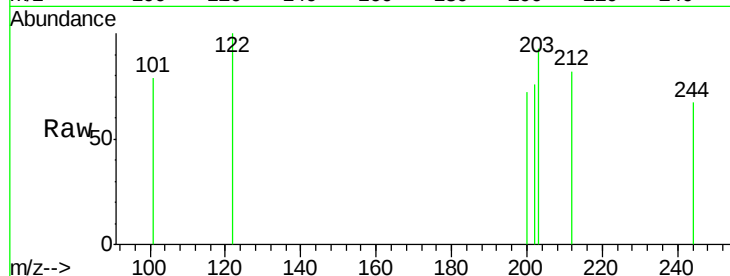
Tot Ion:244 Resp: 5

Ion Ratio Lower Upper

244 100

212 121.8 6.9 10.3#

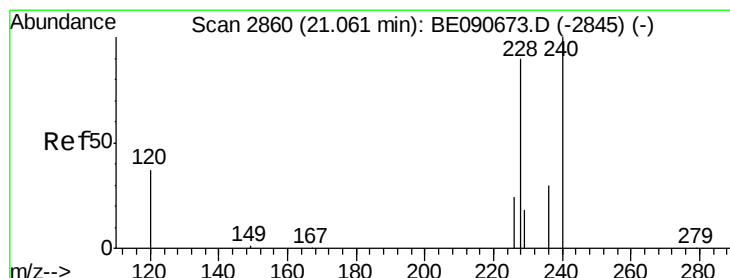
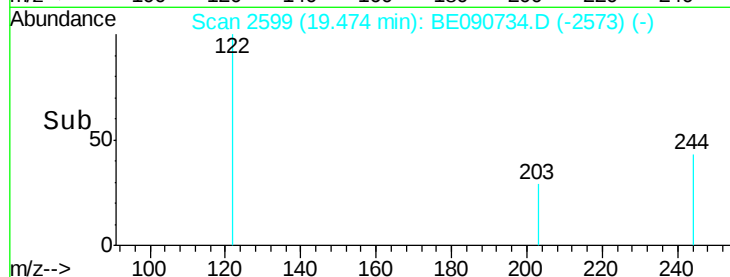
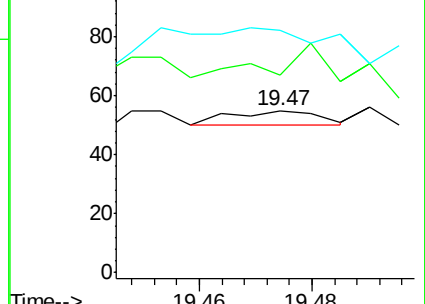
122 149.1 12.9 19.3#



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



#28

Benzo(a)anthracene

Concen: 4.10 ng

RT: 21.00 min Scan# 2851

Delta R.T. -0.06 min

Lab File: BE090734.D

Acq: 4 Sep 2015 17:49

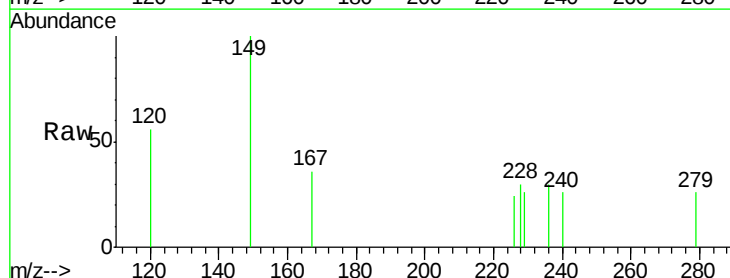
Tgt Ion:228 Resp: 18

Ion Ratio Lower Upper

228 100

226 81.9 21.6 32.4#

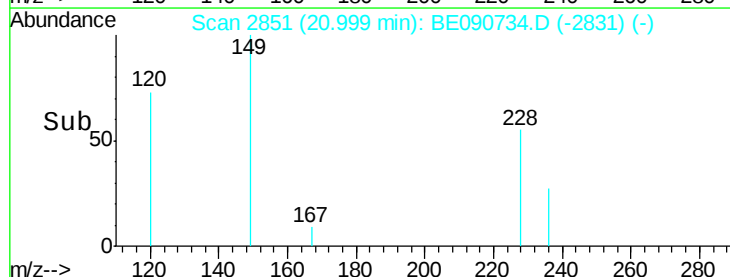
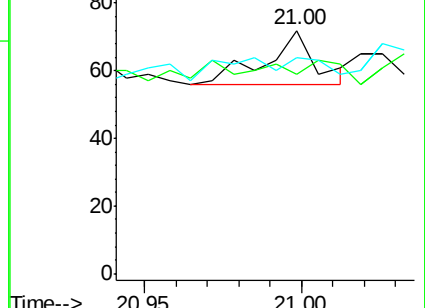
229 88.9 15.9 23.9#



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





#29

Chrysene

Concen: 2.12 ng

RT: 21.04 min Scan# 2857

Delta R.T. -0.07 min

Lab File: BE090734.D

Acq: 4 Sep 2015 17:49

Instrument :

BNA_E

ClientSampleId :

090215-D534-F-U-B

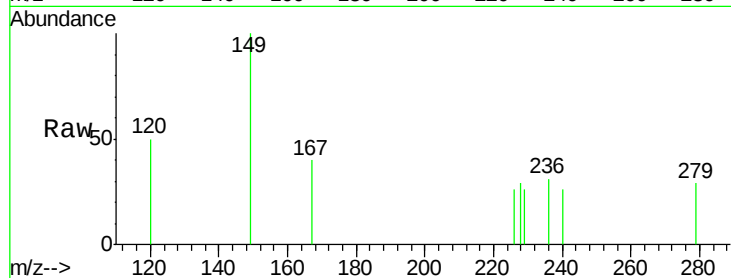
Tot Ion:228 Resp: 10

Ion Ratio Lower Upper

228 100

226 92.5 24.2 36.4#

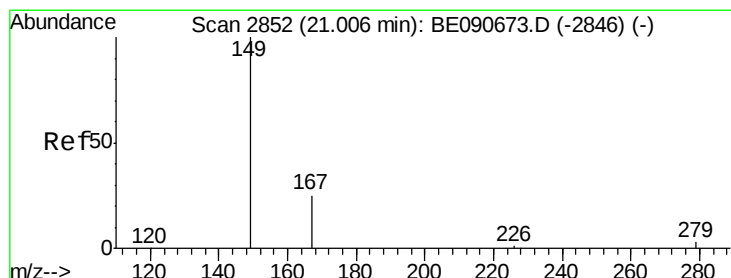
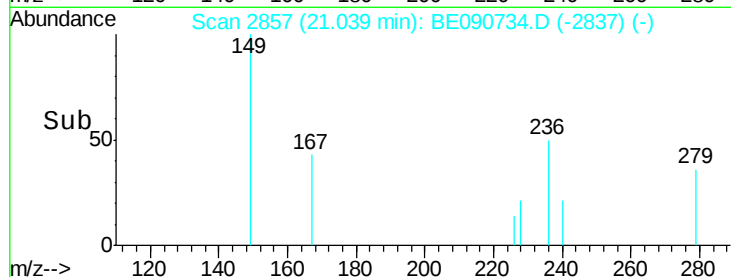
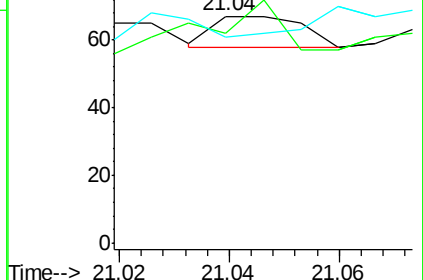
229 91.0 15.3 22.9#



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: 23.68 ng

RT: 20.92 min Scan# 2839

Delta R.T. -0.09 min

Lab File: BE090734.D

Acq: 4 Sep 2015 17:49

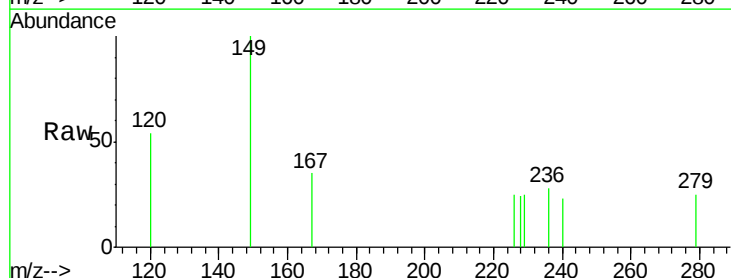
Tgt Ion:149 Resp: 71

Ion Ratio Lower Upper

149 100

167 0.0 20.1 30.1#

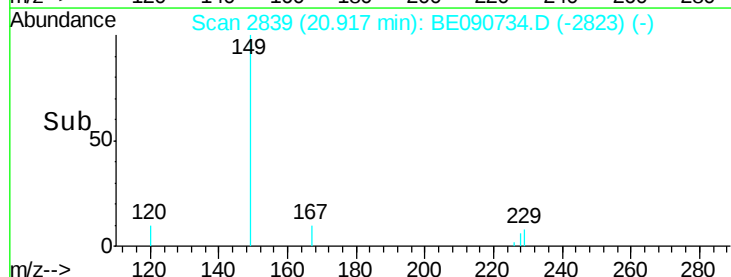
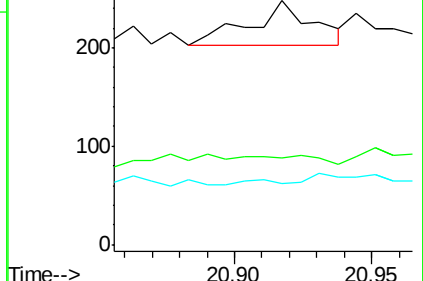
279 5.6 2.3 3.5#

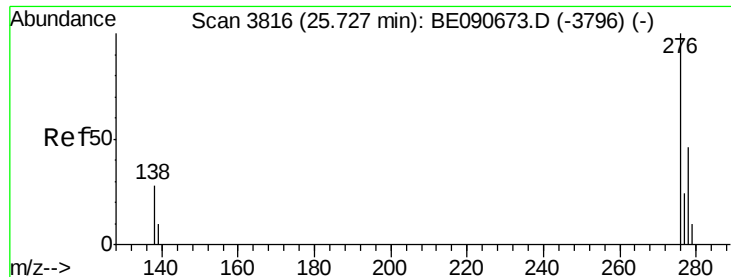


Abundance Ion 149.00 (148.70 to 149.70): E

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: 2.75 ng

RT: 25.62 min Scan# 3793

Delta R.T. -0.10 min

Lab File: BE090734.D

Acq: 4 Sep 2015 17:49

Instrument :

BNA_E

ClientSampleId :

090215-D534-F-U-B

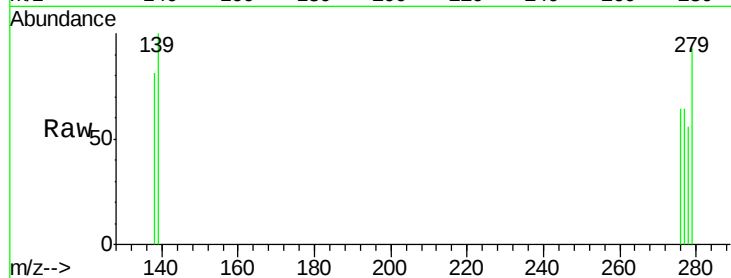
Tot Ion: 276 Resp: 13

Ion Ratio Lower Upper

276 100

138 76.9 23.3 34.9#

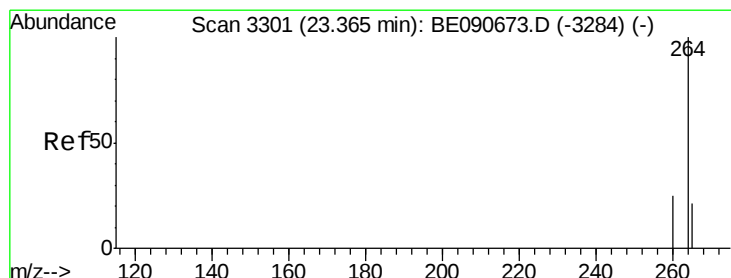
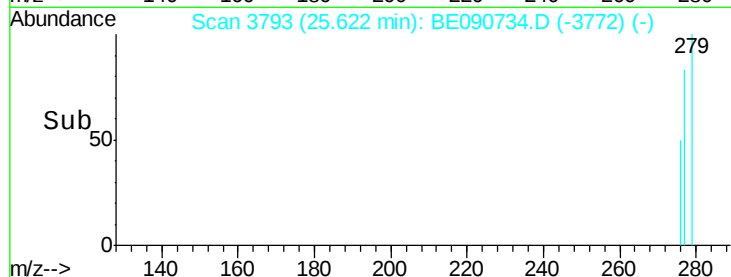
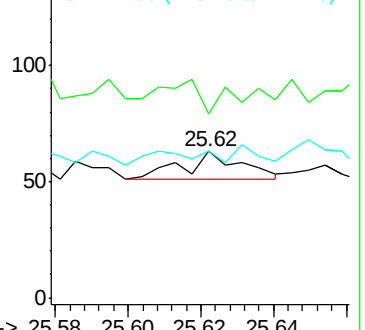
277 23.1 19.8 29.6



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: 23.25 min Scan# 3275

Delta R.T. -0.12 min

Lab File: BE090734.D

Acq: 4 Sep 2015 17:49

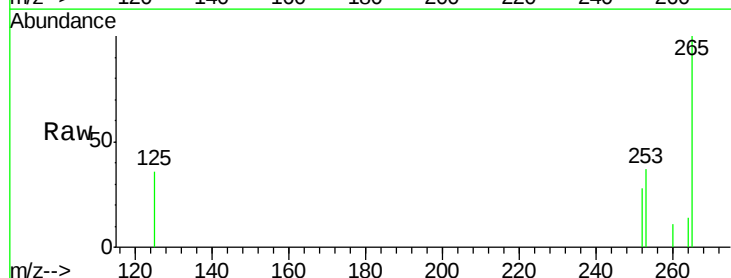
Tgt Ion: 264 Resp: 20

Ion Ratio Lower Upper

264 100

260 78.9 19.7 29.5#

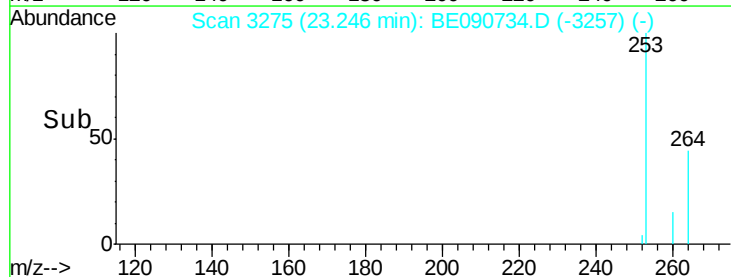
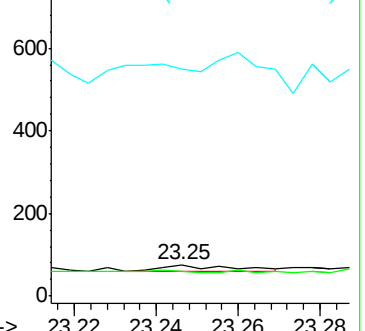
265 723.7 17.5 26.3#



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#33

Benzo(b)fluoranthene

Concen: 3.00 ng

RT: 22.55 min Scan# 3122

Delta R.T. -0.12 min

Lab File: BE090734.D

Acq: 4 Sep 2015 17:49

Instrument :

BNA_E

ClientSampleId :

090215-D534-F-U-B

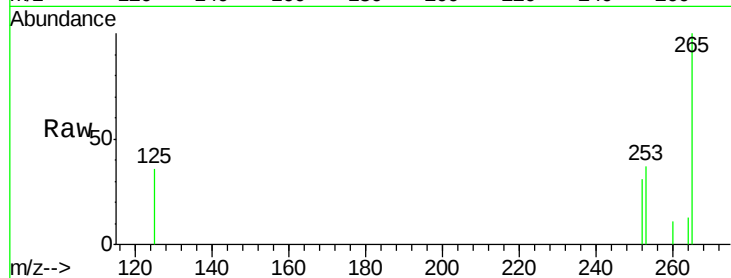
Tot Ion:252 Resp: 13

Ion Ratio Lower Upper

252 100

253 118.8 17.9 26.9#

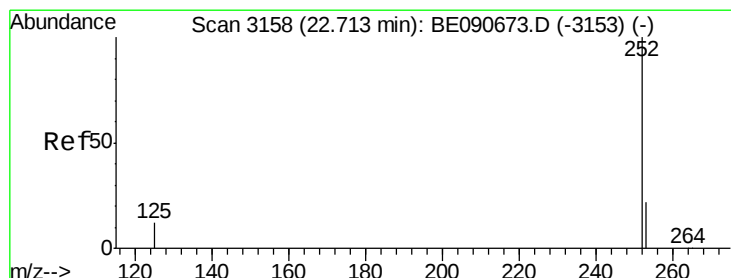
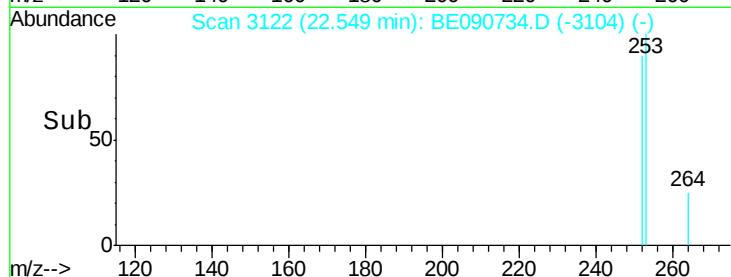
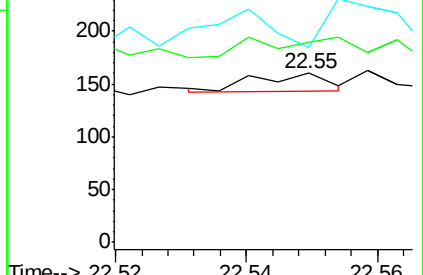
125 115.6 10.6 16.0#



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



#34

Benzo(k)fluoranthene

Concen: 2.18 ng

RT: 22.60 min Scan# 3134

Delta R.T. -0.11 min

Lab File: BE090734.D

Acq: 4 Sep 2015 17:49

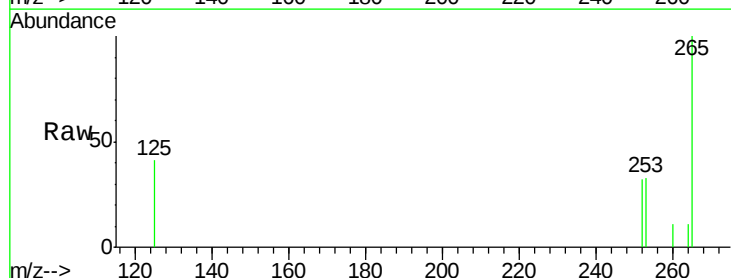
Tgt Ion:252 Resp: 11

Ion Ratio Lower Upper

252 100

253 104.2 17.9 26.9#

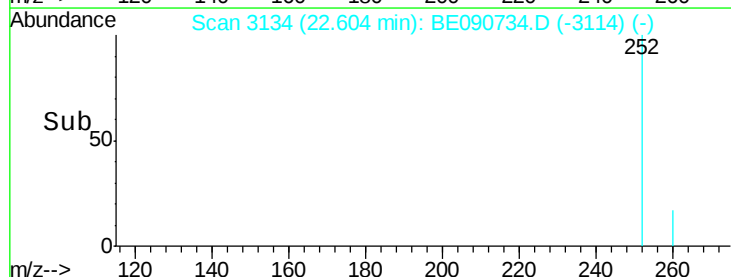
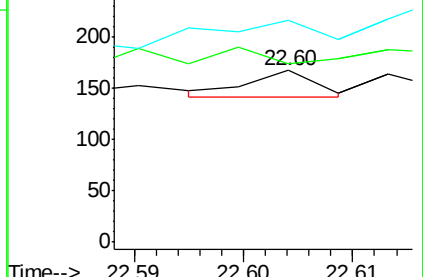
125 129.3 10.1 15.1#



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: 5.67 ng

RT: 23.15 min Scan# 3254

Delta R.T. -0.11 min

Lab File: BE090734.D

Acq: 4 Sep 2015 17:49

Instrument :

BNA_E

ClientSampleId :

090215-D534-F-U-B

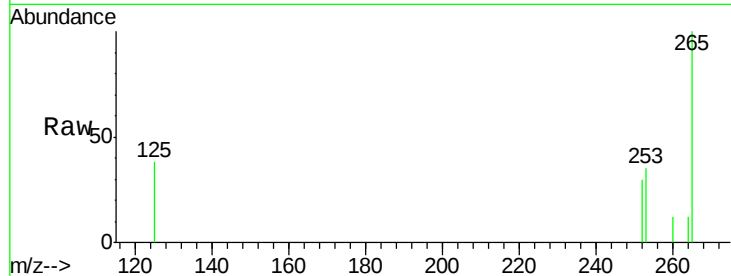
Tot Ion:252 Resp: 22

Ion Ratio Lower Upper

252 100

253 116.9 17.5 26.3#

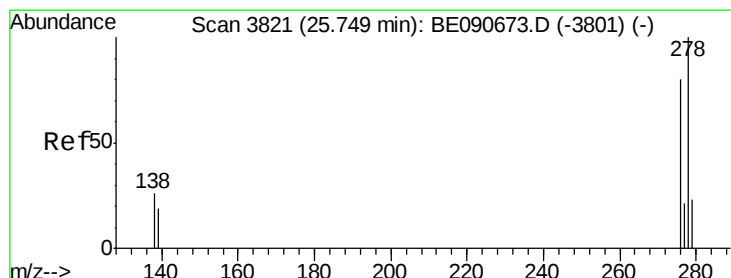
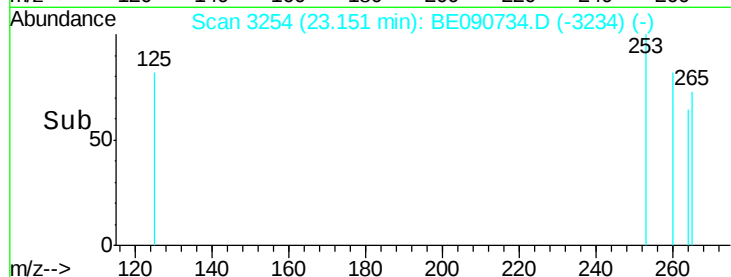
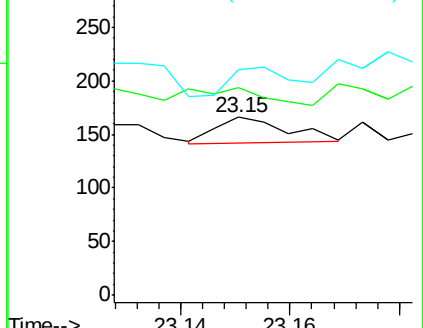
125 126.5 11.6 17.4#



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: 0.34 ng

RT: 25.62 min Scan# 3792

Delta R.T. -0.13 min

Lab File: BE090734.D

Acq: 4 Sep 2015 17:49

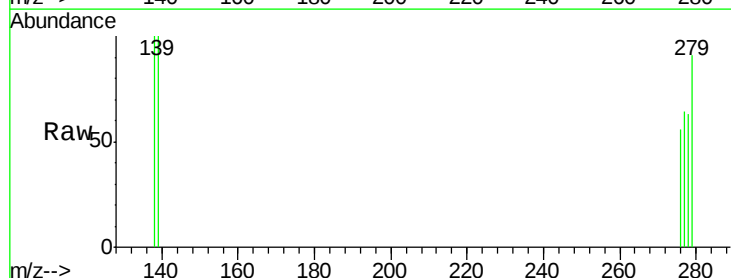
Tgt Ion:278 Resp: 1

Ion Ratio Lower Upper

278 100

139 159.3 15.4 23.0#

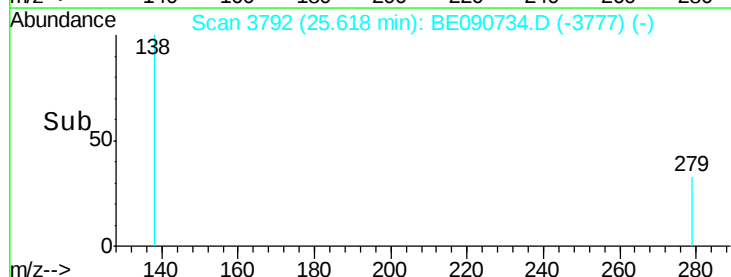
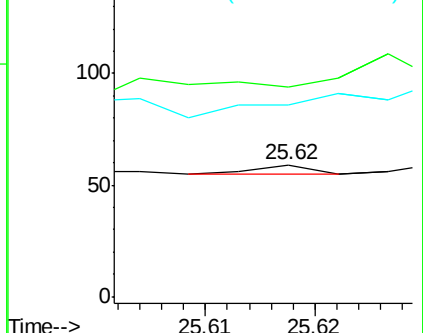
279 145.8 18.8 28.2#



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





#37

Benzo(a,h,i)perylene

Concen: 2.24 ng

RT: 26.32 min Scan# 3947

Delta R.T. -0.13 min

Lab File: BE090734.D

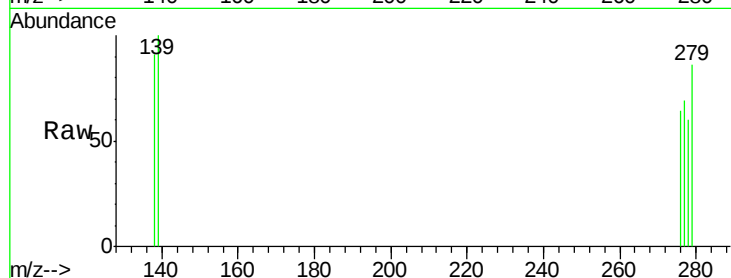
Acq: 4 Sep 2015 17:49

Instrument :

BNA_E

ClientSampleId :

090215-D534-F-U-B



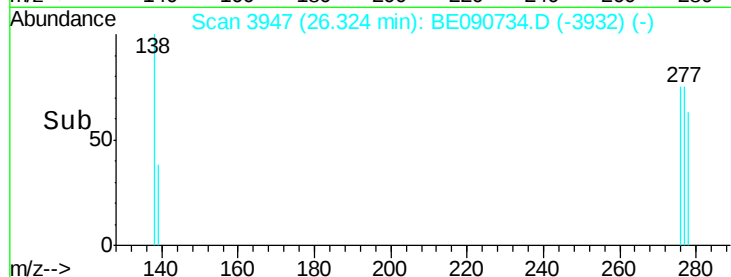
Tot Ion: 276 Resp: 10

Ion Ratio Lower Upper

276 100

277 107.9 18.5 27.7#

138 141.3 20.1 30.1#



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

