

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE063015\
 Data File : BE090039.D
 Acq On : 1 Jul 2015 9:34
 Operator : TP/IZ
 Sample : G2824-11DL 4X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 X1SS0660624-150626DL

Quant Time: Jul 01 17:23:27 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BE062915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 30 07:01:01 2015
 Response via : Initial Calibration

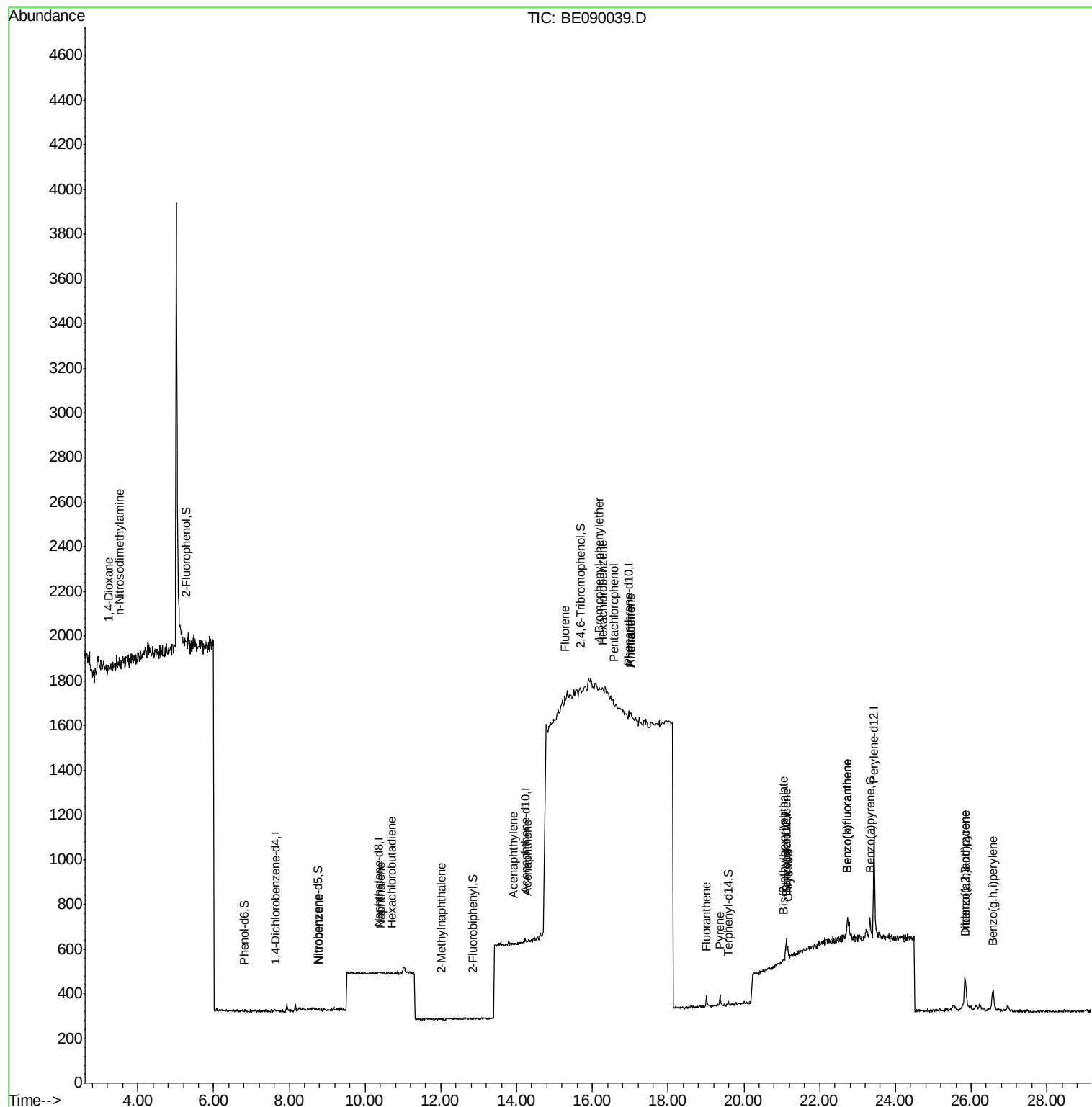
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	3	5.00	ng	0.00
6) Naphthalene-d8	10.37	136	13	5.00	ng	-0.01
12) Acenaphthene-d10	14.23	164	6	5.00	ng	0.00
18) Phenanthrene-d10	16.96	188	31	5.00	ng	-0.02
25) Chrysene-d12	21.12	240	111	5.00	ng	-0.01
32) Perylene-d12	23.43	264	707	5.00	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.27	112	2	2.90	ng	0.02
5) Phenol-d6	6.80	99	2	2.07	ng	0.00
7) Nitrobenzene-d5	8.74	82	2	1.94	ng	-0.02
13) 2,4,6-Tribromophenol	15.69	330	5	28.44	ng	-0.04
14) 2-Fluorobiphenyl	12.85	172	4	2.22	ng	0.00
27) Terphenyl-d14	19.58	244	26	1.41	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	4	9.71	ng	# 1
3) n-Nitrosodimethylamine	3.52	42	4	7.17	ng	# 1
8) Nitrobenzene	8.78	77	5	4.56	ng	# 63
9) Naphthalene	10.41	128	13	4.42	ng	# 1
10) Hexachlorobutadiene	10.69	225	1	2.16	ng	# 1
11) 2-Methylnaphthalene	12.03	142	1	0.51	ng	# 56
15) Acenaphthylene	13.93	152	10	0.92	ng	# 72
16) Acenaphthene	14.30	154	2	1.28	ng	# 1
17) Fluorene	15.27	166	10	4.71	ng	# 9
19) 4-Bromophenyl-phenylether	16.18	248	13	9.87	ng	# 84
20) Hexachlorobenzene	16.28	284	15	2.73	ng	# 10
21) Pentachlorophenol	16.58	266	1	1.64	ng	# 56
22) Phenanthrene	17.01	178	67	8.44	ng	# 91
23) Anthracene	17.01	178	43	5.92	ng	# 63
24) Fluoranthene	19.01	202	60	6.76	ng	# 87
26) Pyrene	19.37	202	61	2.31	ng	# 96
28) Benzo(a)anthracene	21.11	228	59	2.13	ng	# 2
29) Chrysene	21.16	228	60	2.08	ng	# 13
30) Bis(2-ethylhexyl)phthalate	21.06	149	6	0.75	ng	# 34
31) Indeno(1,2,3-cd)pyrene	25.84	276	278	10.07	ng	# 94
33) Benzo(b)fluoranthene	22.73	252	171	1.10	ng	# 1
34) Benzo(k)fluoranthene	22.73	252	171	0.98	ng	# 1
35) Benzo(a)pyrene	23.33	252	189	1.31	ng	# 1
36) Dibenzo(a,h)anthracene	25.86	278	125	0.85	ng	# 1
37) Benzo(g,h,i)perylene	26.57	276	279	1.86	ng	# 22

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

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.63 min Scan# 855

Delta R.T. 0.00 min

Lab File: BE090039.D

Acq: 1 Jul 2015 9:34

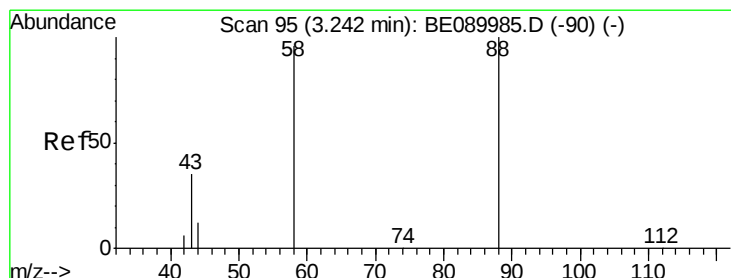
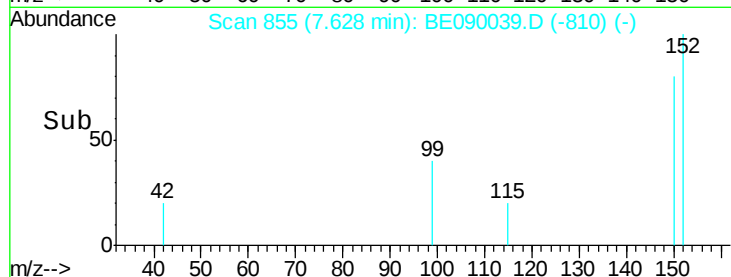
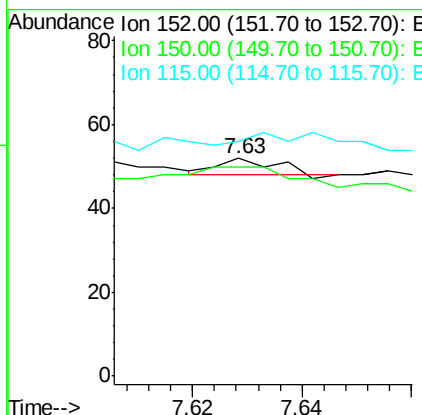
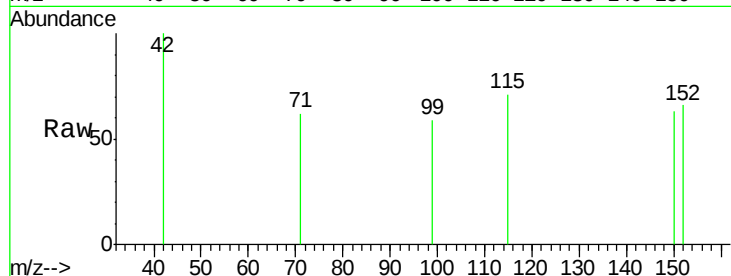
Instrument :

BNA_E

ClientSampleId :

X1SS0660624-150626DL

Tgt Ion:	152	Resp:	3
Ion	Ratio	Lower	Upper
152	100		
150	96.2	123.9	185.9#
115	107.7	50.6	76.0#



#2

1,4-Dioxane

Concen: 9.71 ng

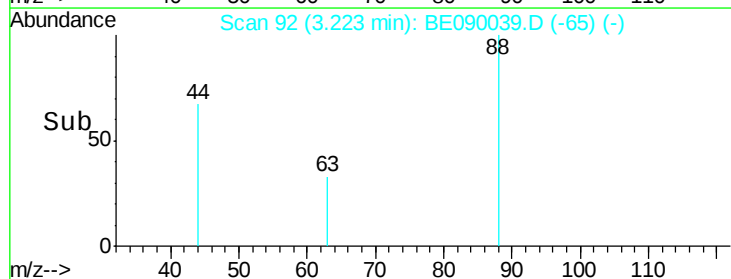
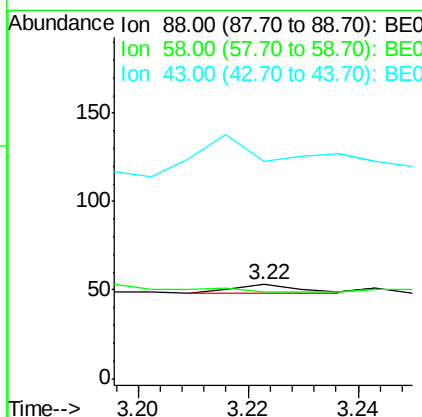
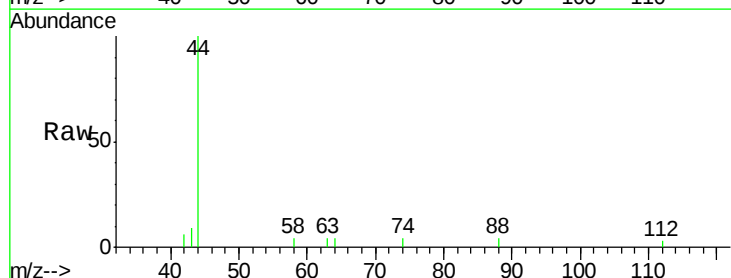
RT: 3.22 min Scan# 92

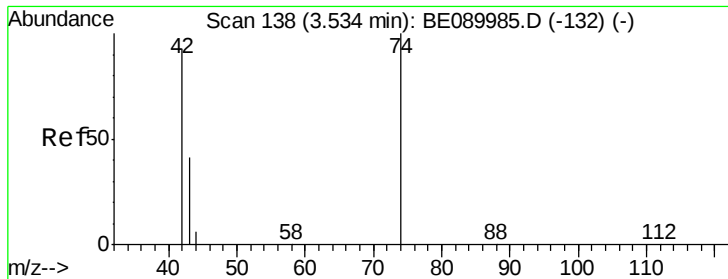
Delta R.T. -0.02 min

Lab File: BE090039.D

Acq: 1 Jul 2015 9:34

Tgt Ion:	88	Resp:	4
Ion	Ratio	Lower	Upper
88	100		
58	0.0	70.9	106.3#
43	1800.0	27.6	41.4#





#3

n-Nitrosodimethylamine

Concen: 7.17 ng

RT: 3.52 min Scan# 136

Delta R.T. -0.01 min

Lab File: BE090039.D

Acq: 1 Jul 2015 9:34

Instrument :

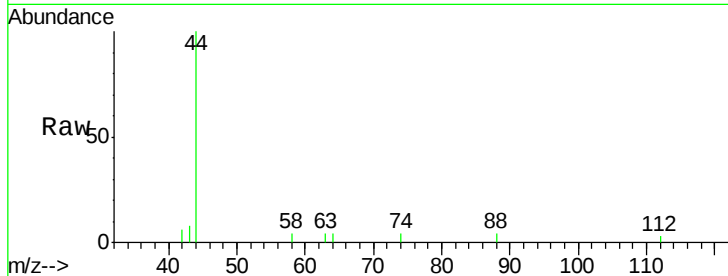
BNA_E

ClientSampleId :

X1SS0660624-150626DL

Tgt Ion: 42 Resp: 4

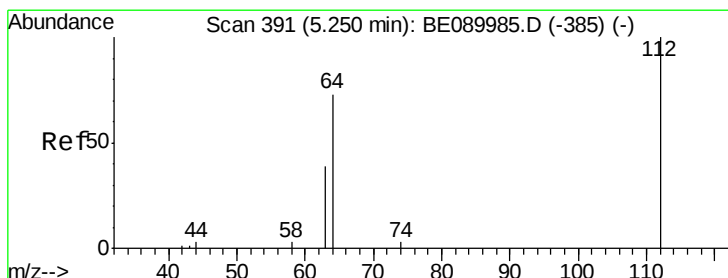
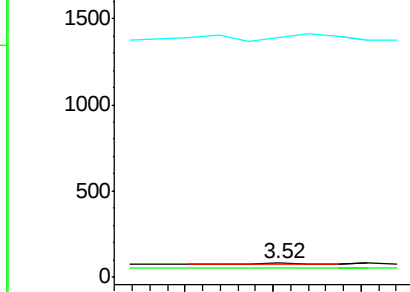
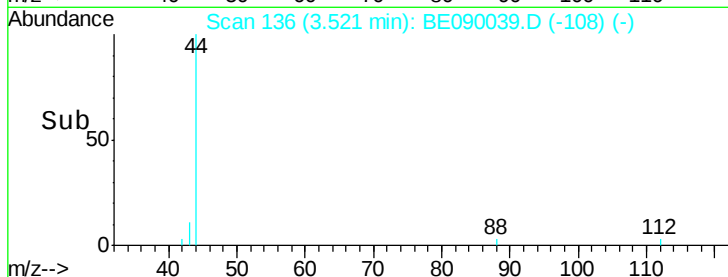
Ion	Ratio	Lower	Upper
42	100		
74	0.0	89.4	134.2#
44	1550.0	6.9	10.3#



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: 2.90 ng

RT: 5.27 min Scan# 394

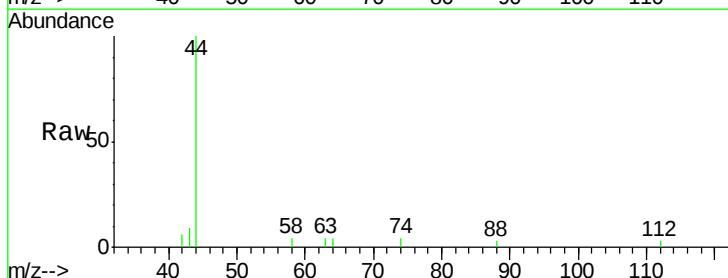
Delta R.T. 0.02 min

Lab File: BE090039.D

Acq: 1 Jul 2015 9:34

Tgt Ion: 112 Resp: 2

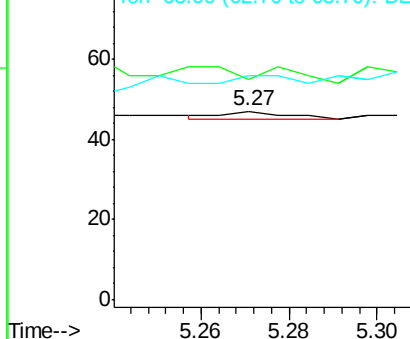
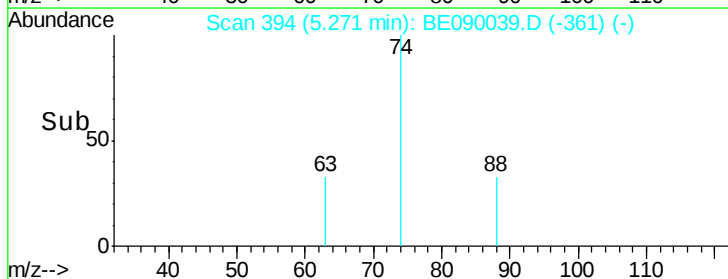
Ion	Ratio	Lower	Upper
112	100		
64	0.0	56.3	84.5#
63	100.0	29.8	44.6#

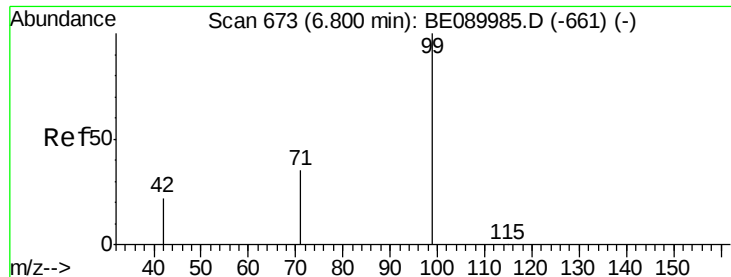


Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 2.07 ng

RT: 6.80 min Scan# 674

Delta R.T. 0.00 min

Lab File: BE090039.D

Acq: 1 Jul 2015 9:34

Instrument :

BNA_E

ClientSampleId :

X1SS0660624-150626DL

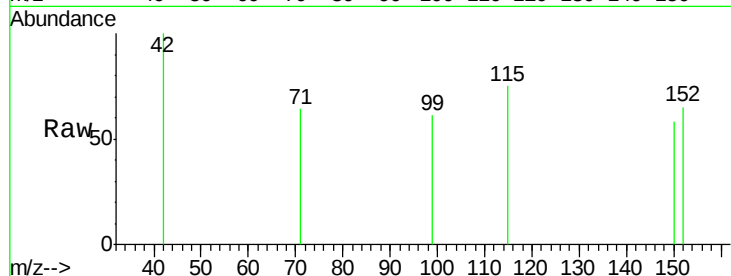
Tgt Ion: 99 Resp: 2

Ion Ratio Lower Upper

99 100

42 350.0 18.7 28.1#

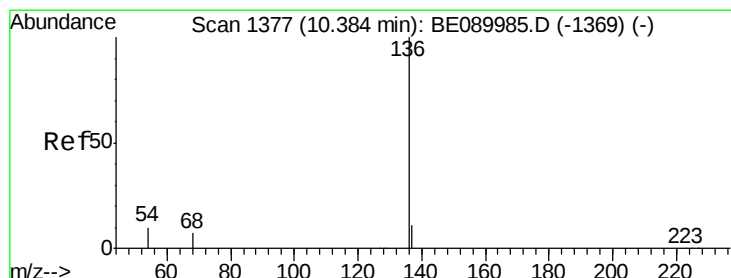
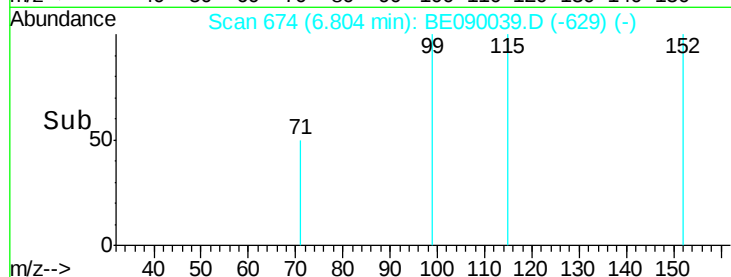
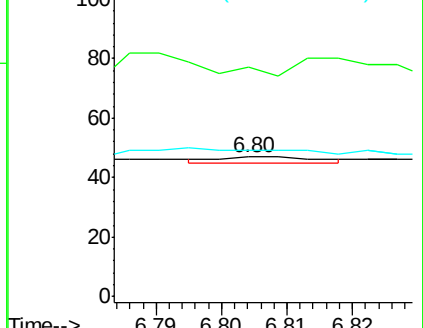
71 0.0 27.5 41.3#



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: 10.37 min Scan# 1375

Delta R.T. -0.01 min

Lab File: BE090039.D

Acq: 1 Jul 2015 9:34

Tgt Ion: 136 Resp: 13

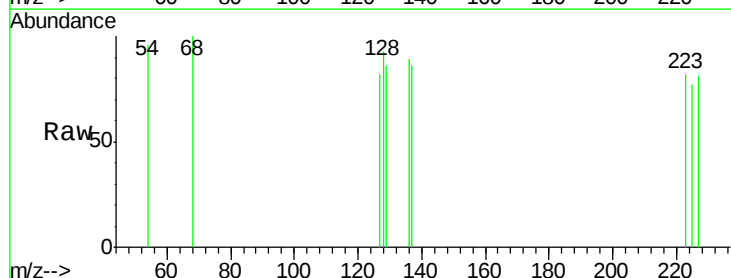
Ion Ratio Lower Upper

136 100

137 96.1 8.9 13.3#

54 107.8 8.2 12.4#

68 111.8 5.8 8.8#

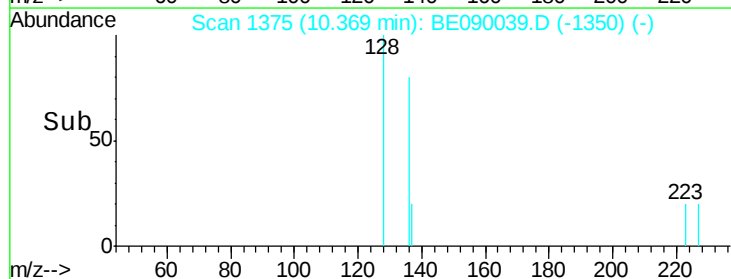
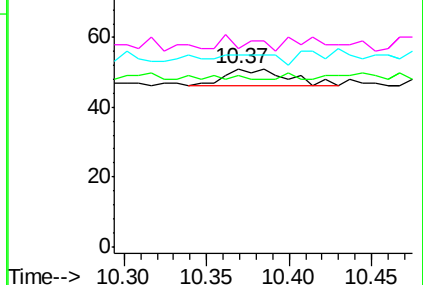


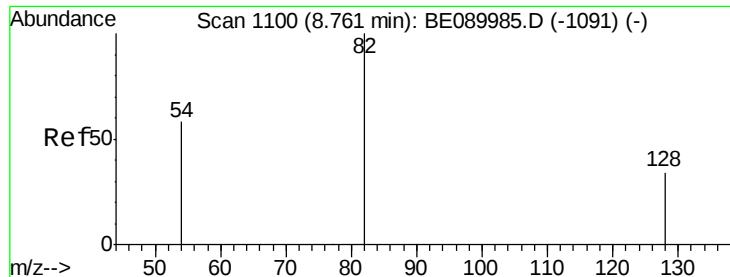
Abundance Ion 136.00 (135.70 to 136.70): E

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: 1.94 ng

RT: 8.74 min Scan# 1096

Delta R.T. -0.02 min

Lab File: BE090039.D

Acq: 1 Jul 2015 9:34

Instrument :

BNA_E

ClientSampleId :

X1SS0660624-150626DL

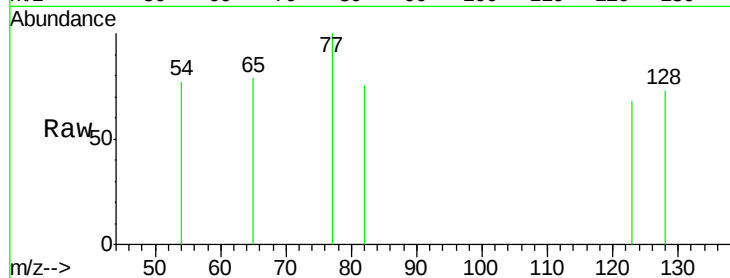
Tgt Ion: 82 Resp: 2

Ion Ratio Lower Upper

82 100

128 98.1 28.0 42.0#

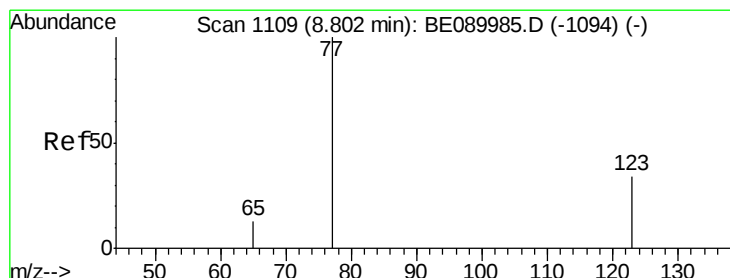
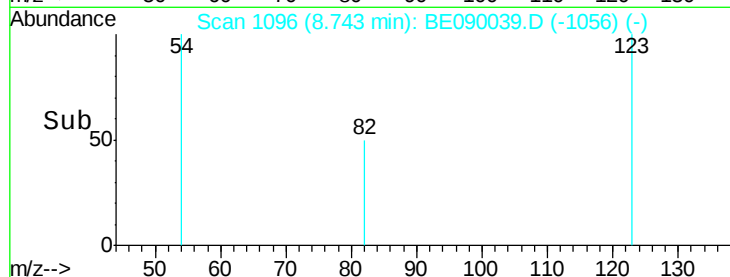
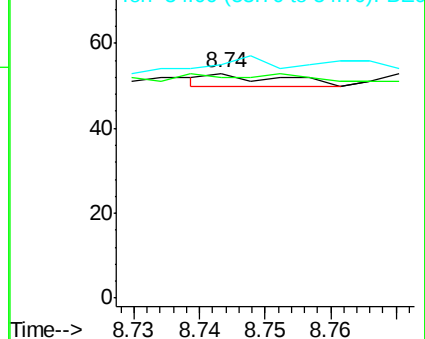
54 103.8 47.6 71.4#



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: 4.56 ng

RT: 8.78 min Scan# 1105

Delta R.T. -0.02 min

Lab File: BE090039.D

Acq: 1 Jul 2015 9:34

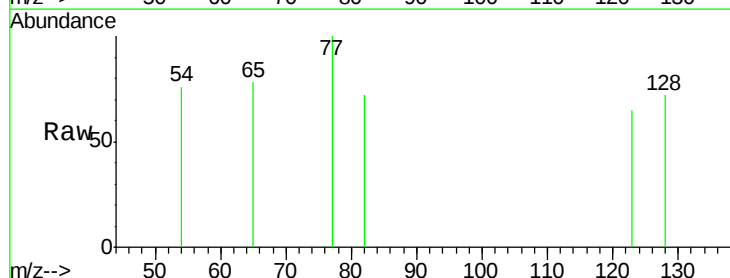
Tgt Ion: 77 Resp: 5

Ion Ratio Lower Upper

77 100

123 20.0 27.4 41.0#

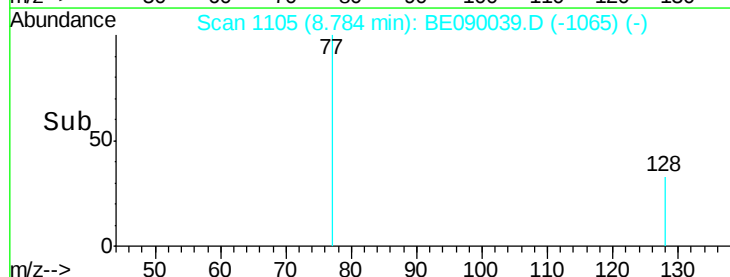
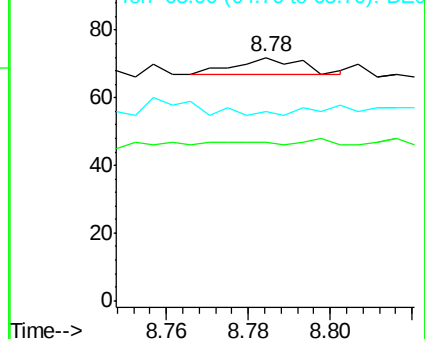
65 40.0 10.6 15.8#

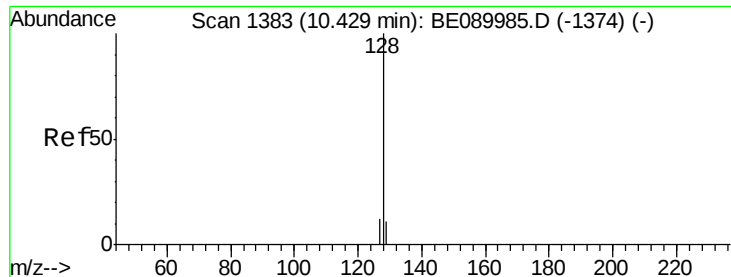


Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0





#9

Naphthalene

Concen: 4.42 ng

RT: 10.41 min Scan# 1381

Delta R.T. -0.01 min

Lab File: BE090039.D

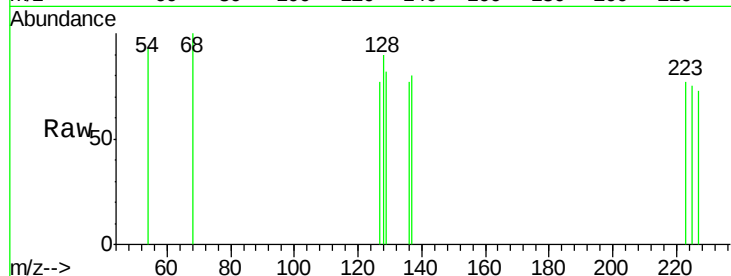
Acq: 1 Jul 2015 9:34

Instrument :

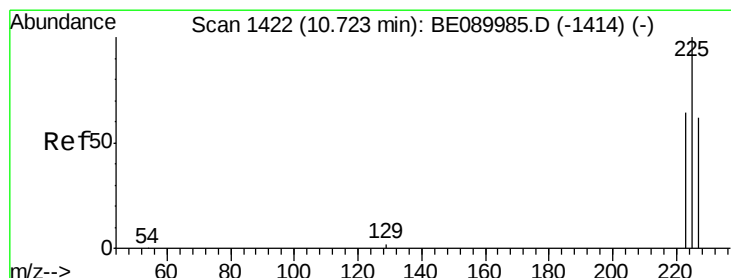
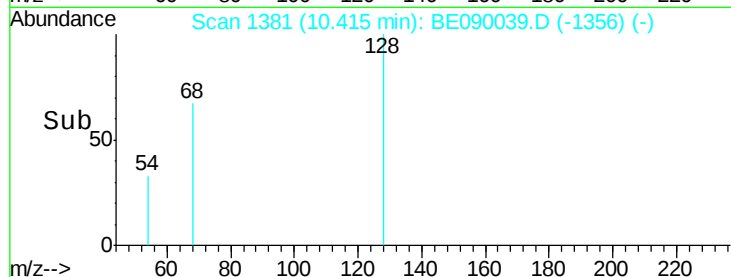
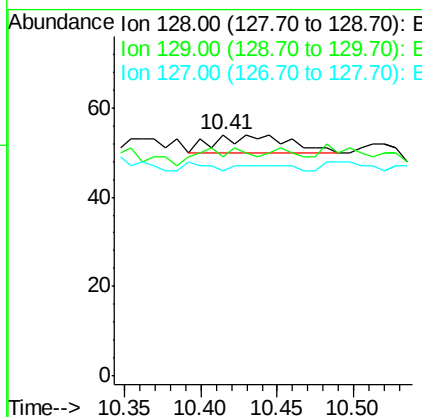
BNA_E

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Tgt Ion:	128	Resp:	13
Ion	Ratio	Lower	Upper
128	100		
129	90.7	9.3	13.9#
127	85.2	10.2	15.4#



#10

Hexachlorobutadiene

Concen: 2.16 ng

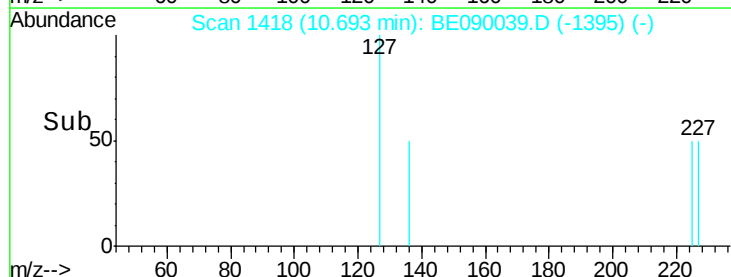
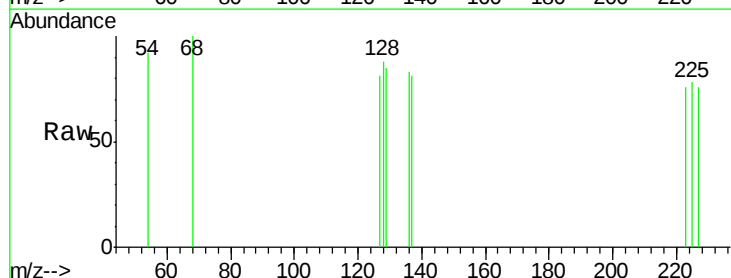
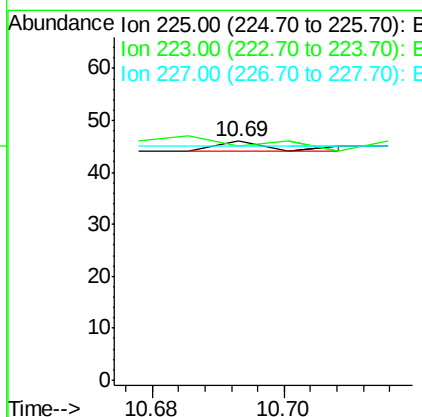
RT: 10.69 min Scan# 1418

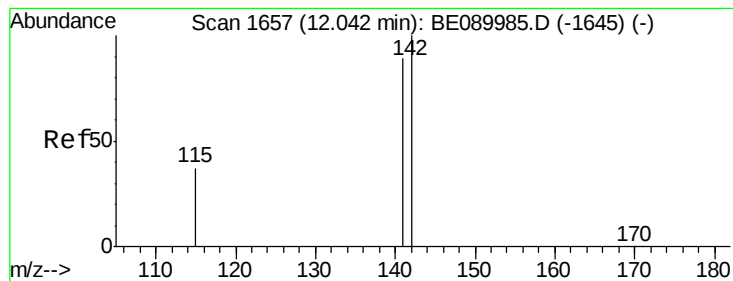
Delta R.T. -0.03 min

Lab File: BE090039.D

Acq: 1 Jul 2015 9:34

Tgt Ion:	225	Resp:	1
Ion	Ratio	Lower	Upper
225	100		
223	400.0	50.1	75.1#
227	0.0	50.9	76.3#





#11

2-Methylnaphthalene

Concen: 0.51 ng

RT: 12.03 min Scan# 1654

Delta R.T. -0.01 min

Lab File: BE090039.D

Acq: 1 Jul 2015 9:34

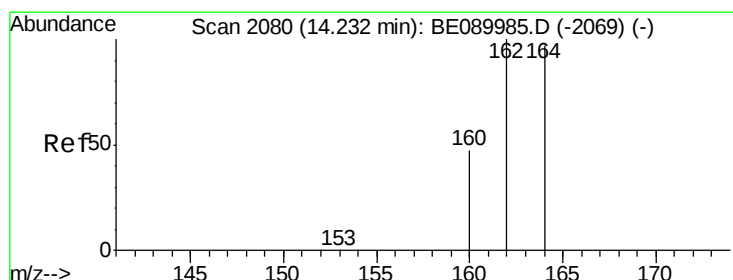
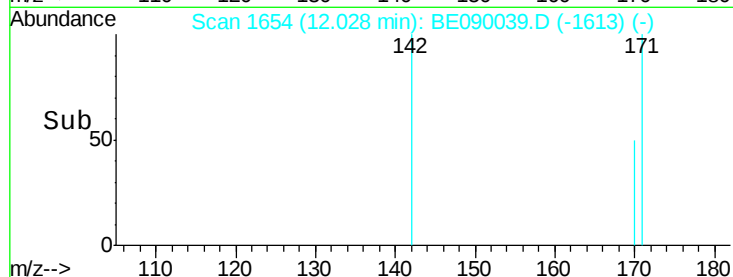
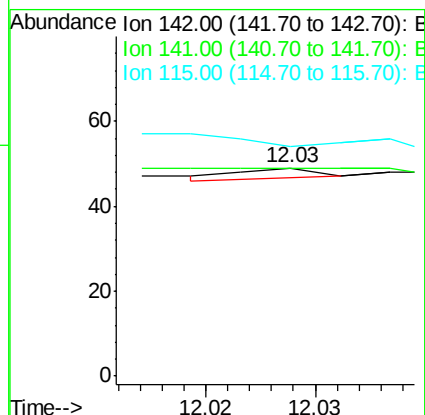
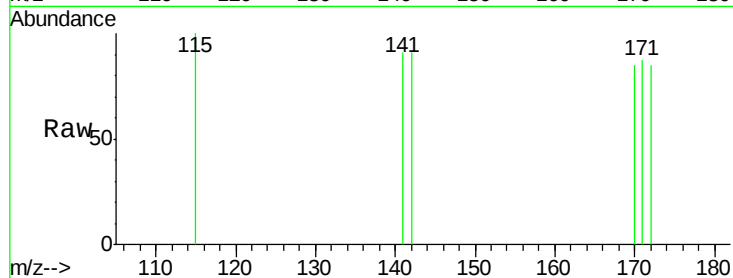
Instrument :

BNA_E

ClientSampleId :

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Tgt Ion:	142	Resp:	1
Ion	Ratio	Lower	Upper
142	100		
141	100.0	71.3	106.9
115	110.2	30.4	45.6



#12

Acenaphthene-d10

Concen: 5.00 ng

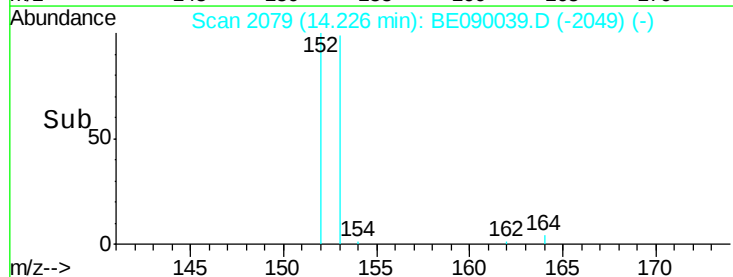
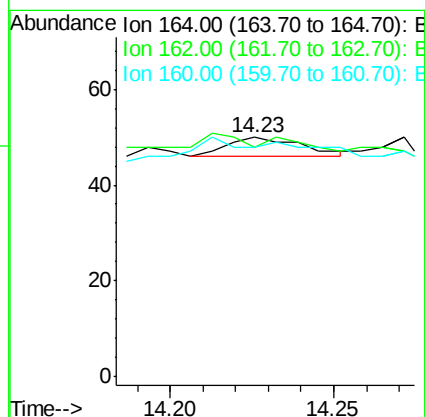
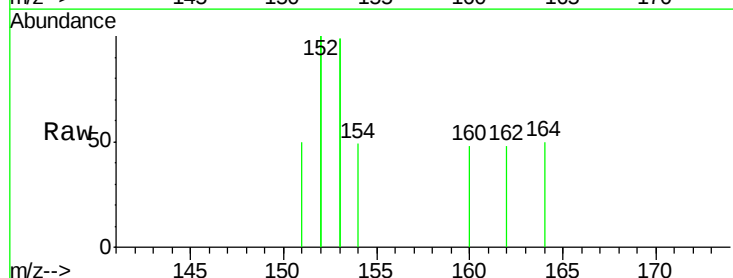
RT: 14.23 min Scan# 2079

Delta R.T. -0.01 min

Lab File: BE090039.D

Acq: 1 Jul 2015 9:34

Tgt Ion:	164	Resp:	6
Ion	Ratio	Lower	Upper
164	100		
162	96.0	82.2	123.4
160	96.0	39.0	58.6

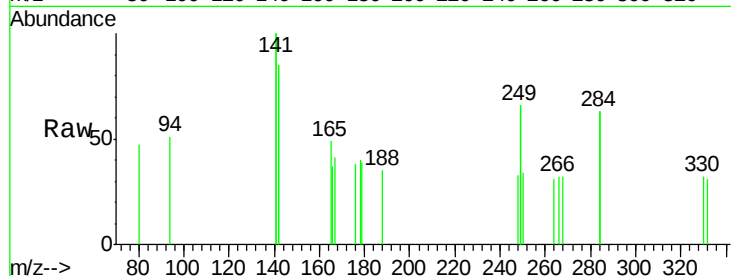




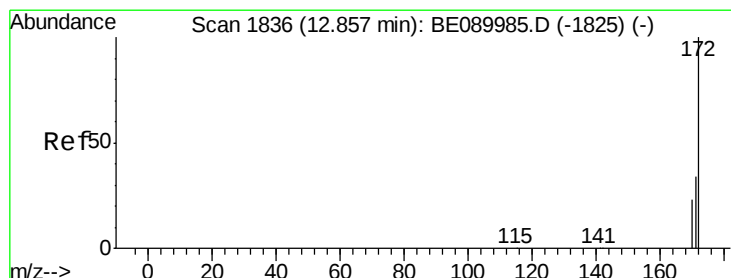
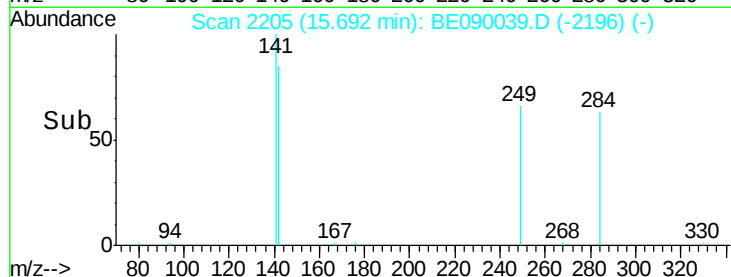
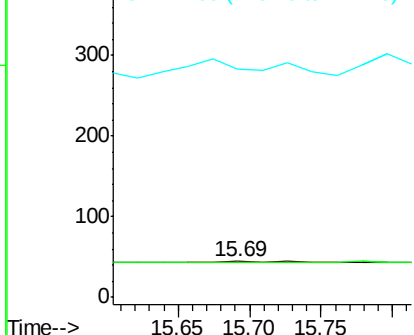
#13
 2,4,6-Tribromophenol
 Concen: 28.44 ng
 RT: 15.69 min Scan# 2205
 Delta R.T. -0.04 min
 Lab File: BE090039.D
 Acq: 1 Jul 2015 9:34

Instrument :
 BNA_E
 ClientSampleId :
 X1SS0660624-150626DL

Tgt Ion: 330 Resp: 5
 Ion Ratio Lower Upper
 330 100
 332 0.0 76.4 114.6#
 141 1420.0 130.3 195.5#

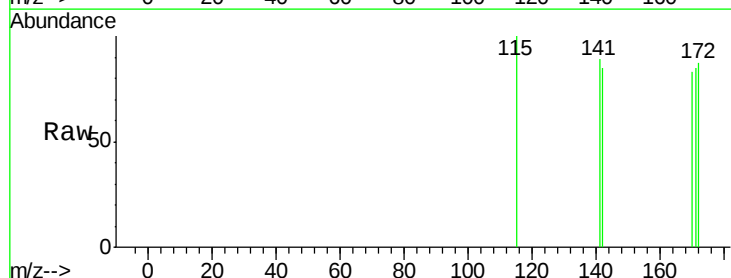


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

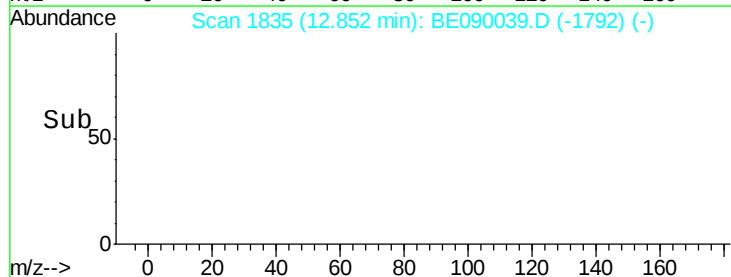
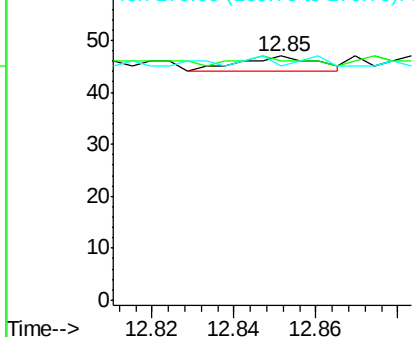


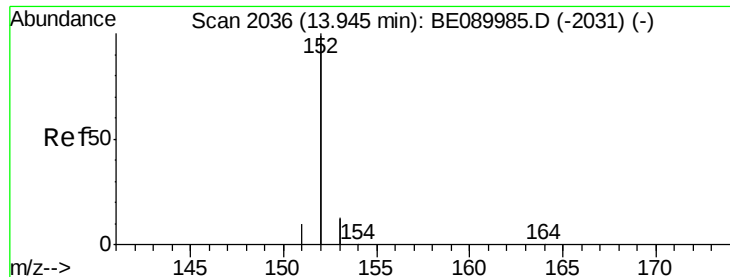
#14
 2-Fluorobiphenyl
 Concen: 2.22 ng
 RT: 12.85 min Scan# 1835
 Delta R.T. -0.01 min
 Lab File: BE090039.D
 Acq: 1 Jul 2015 9:34

Tgt Ion: 172 Resp: 4
 Ion Ratio Lower Upper
 172 100
 171 97.9 27.8 41.6#
 170 95.7 18.3 27.5#



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: 0.92 ng

RT: 13.93 min Scan# 2033

Delta R.T. -0.02 min

Lab File: BE090039.D

Acq: 1 Jul 2015 9:34

Instrument :

BNA_E

ClientSampleId :

X1SS0660624-150626DL

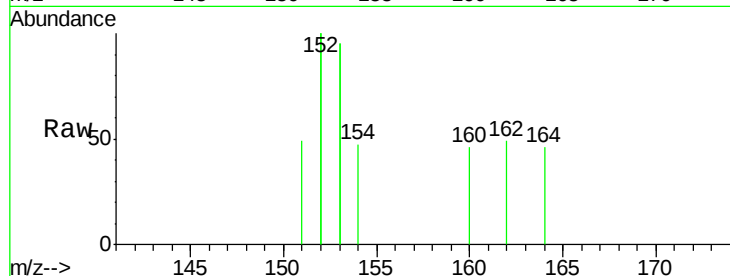
Tgt Ion:152 Resp: 10

Ion Ratio Lower Upper

152 100

151 10.0 3.9 5.9#

153 0.0 10.4 15.6#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

13.93

200

150

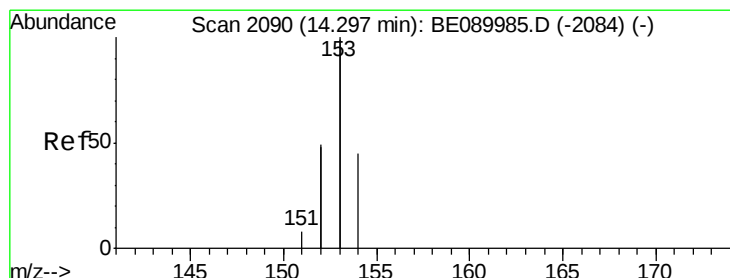
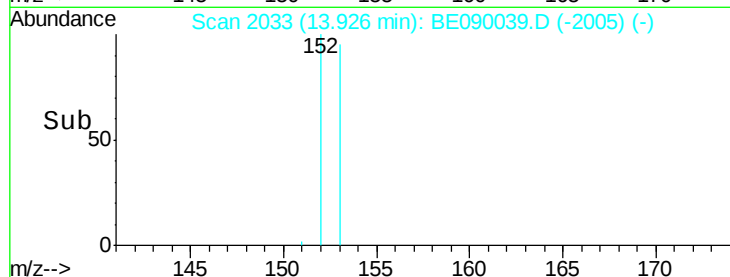
100

50

0

Time-->

13.90 13.92 13.94 13.96



#16

Acenaphthene

Concen: 1.28 ng

RT: 14.30 min Scan# 2090

Delta R.T. 0.00 min

Lab File: BE090039.D

Acq: 1 Jul 2015 9:34

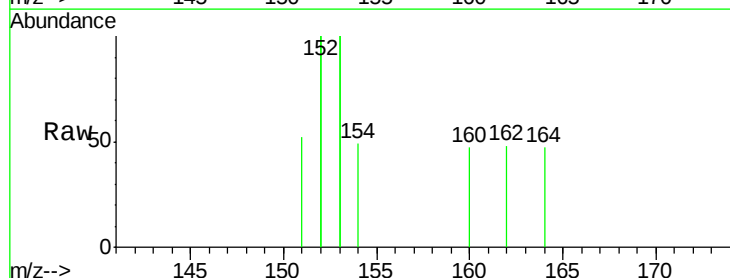
Tgt Ion:154 Resp: 2

Ion Ratio Lower Upper

154 100

153 200.0 358.6 538.0#

152 450.0 189.6 284.4#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

14.30

200

150

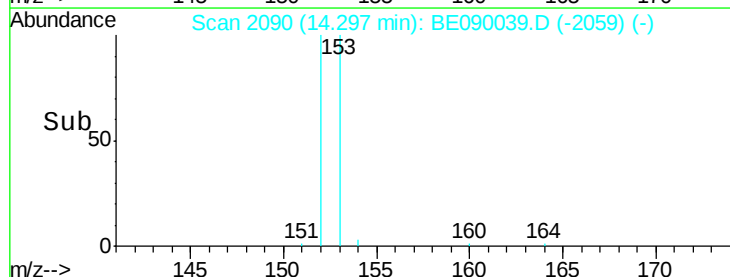
100

50

0

Time-->

14.28 14.29 14.30 14.31





#17

Fluorene

Concen: 4.71 ng

RT: 15.27 min Scan# 2181

Delta R.T. -0.02 min

Lab File: BE090039.D

Acq: 1 Jul 2015 9:34

Instrument :

BNA_E

ClientSampleId :

X1SS0660624-150626DL

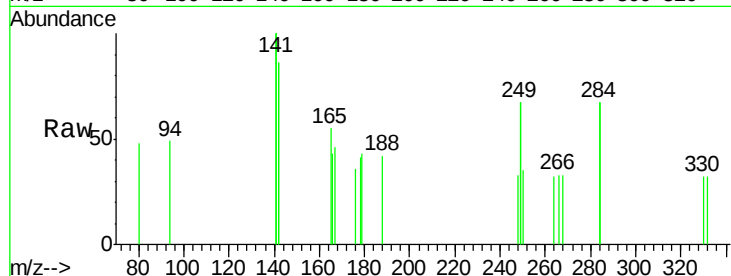
Tgt Ion:166 Resp: 10

Ion Ratio Lower Upper

166 100

165 0.0 79.0 118.6#

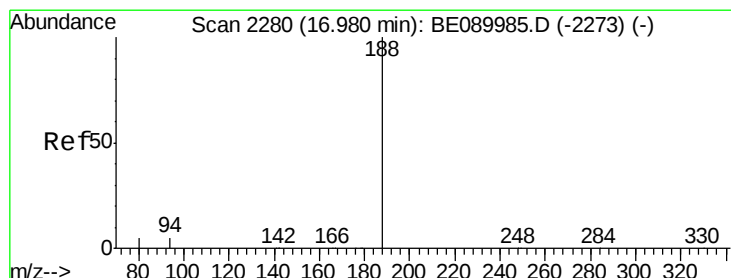
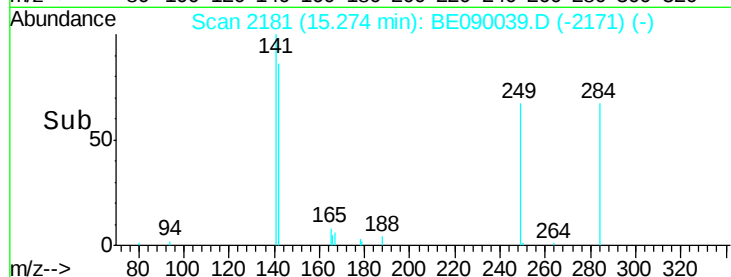
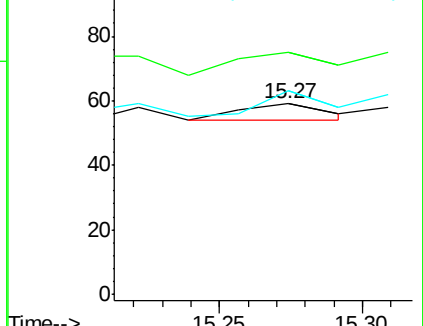
167 0.0 11.8 17.8#



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: 16.96 min Scan# 2278

Delta R.T. -0.02 min

Lab File: BE090039.D

Acq: 1 Jul 2015 9:34

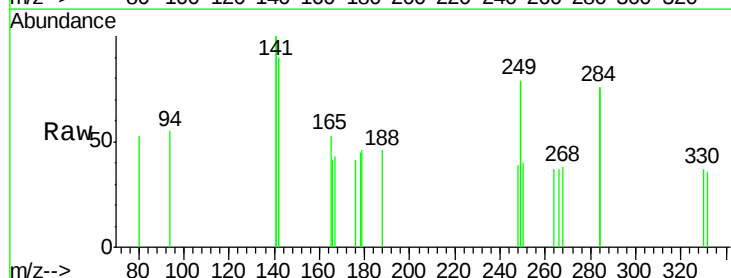
Tgt Ion:188 Resp: 31

Ion Ratio Lower Upper

188 100

94 117.9 4.1 6.1#

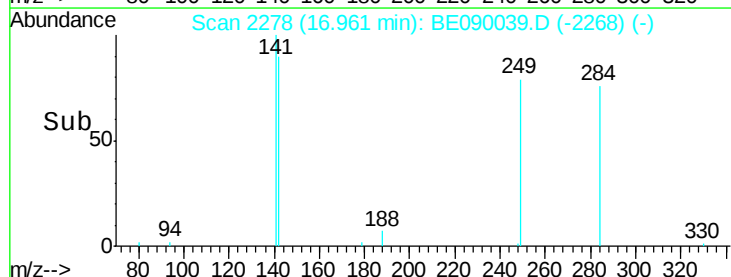
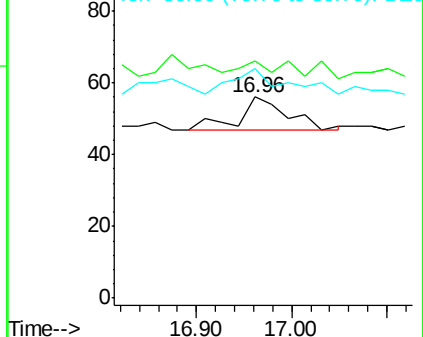
80 114.3 4.2 6.2#



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: 9.87 ng

RT: 16.18 min Scan# 2233

Delta R.T. -0.00 min

Lab File: BE090039.D

Acq: 1 Jul 2015 9:34

Instrument :

BNA_E

ClientSampleId :

X1SS0660624-150626DL

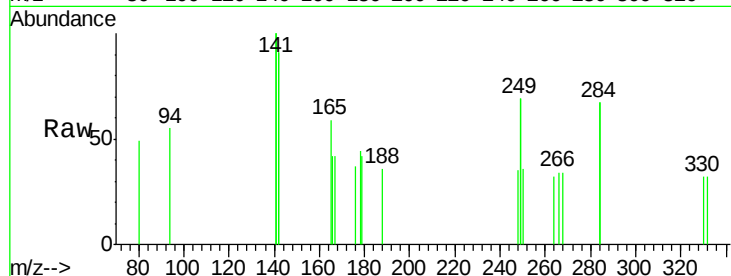
Tgt Ion:248 Resp: 13

Ion Ratio Lower Upper

248 100

250 53.8 78.3 117.5#

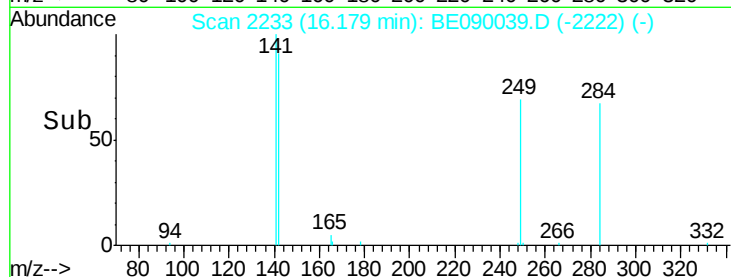
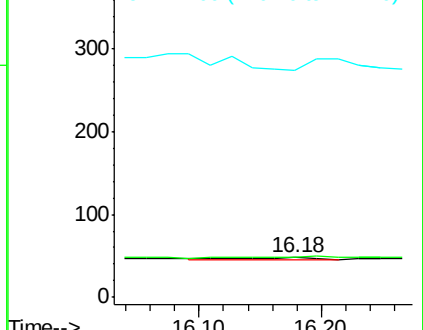
141 323.1 248.1 372.1



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: 2.73 ng

RT: 16.28 min Scan# 2239

Delta R.T. -0.02 min

Lab File: BE090039.D

Acq: 1 Jul 2015 9:34

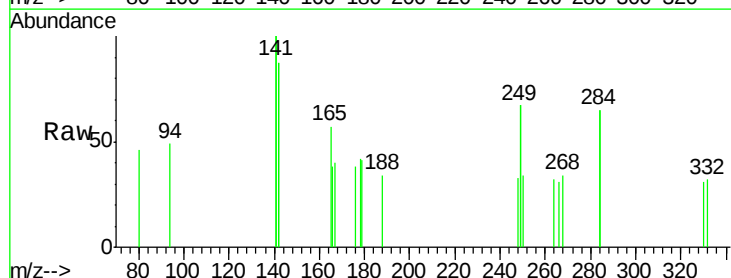
Tgt Ion:284 Resp: 15

Ion Ratio Lower Upper

284 100

142 113.3 32.6 49.0#

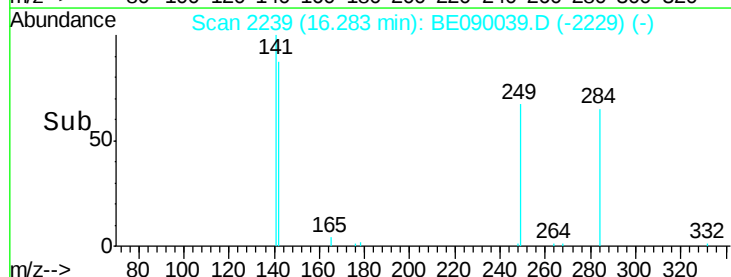
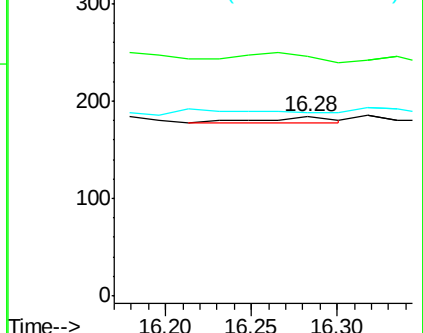
249 0.0 25.5 38.3#

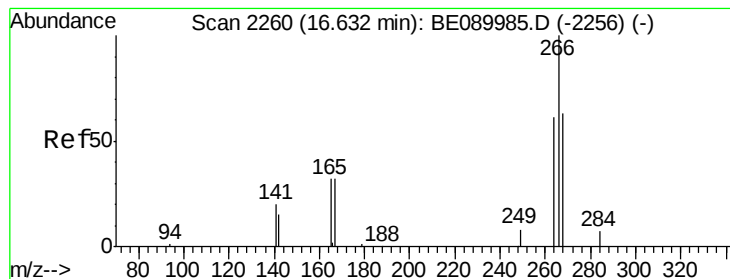


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#21

Pentachlorophenol

Concen: 1.64 ng

RT: 16.58 min Scan# 2256

Delta R.T. -0.05 min

Lab File: BE090039.D

Acq: 1 Jul 2015 9:34

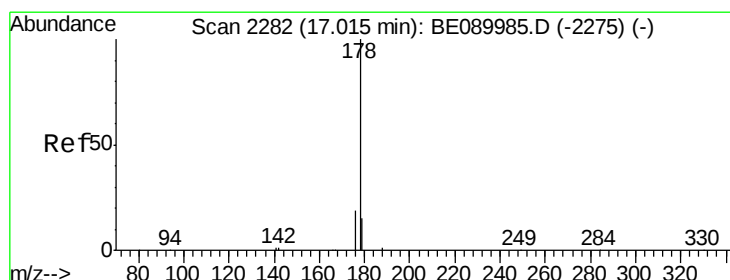
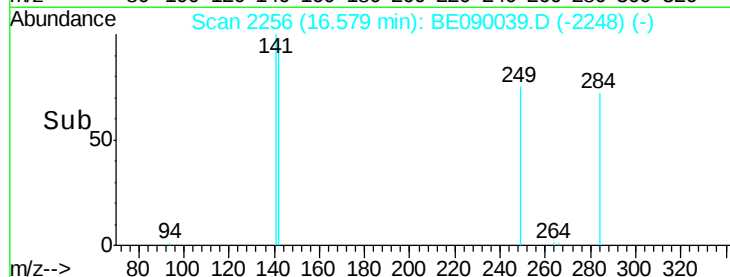
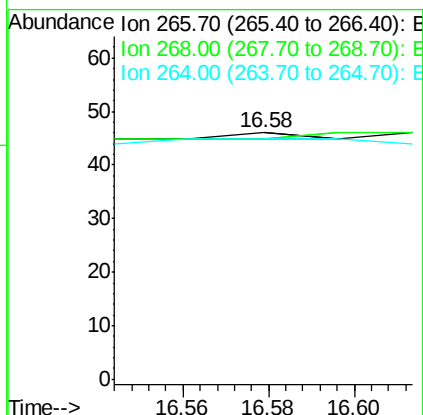
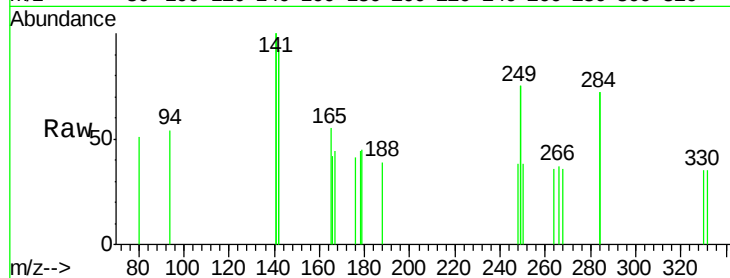
Instrument :

BNA_E

ClientSampleId :

X1SS0660624-150626DL

Tgt Ion:	266	Resp:	1
Ion	Ratio	Lower	Upper
266	100		
268	97.8	51.8	77.8#
264	97.8	50.2	75.2#



#22

Phenanthrene

Concen: 8.44 ng

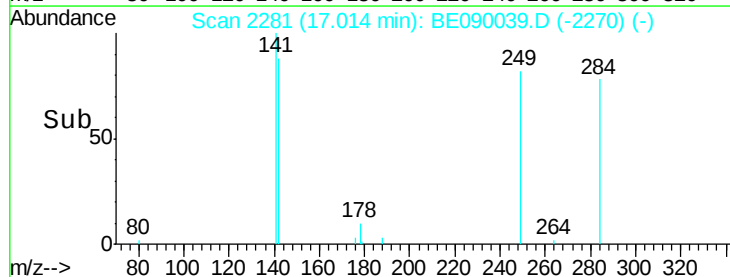
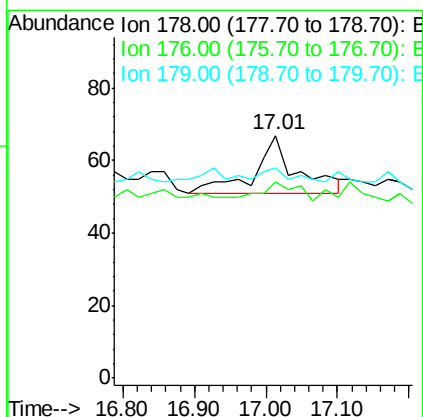
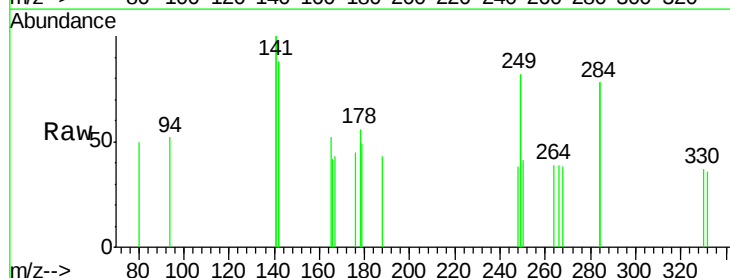
RT: 17.01 min Scan# 2281

Delta R.T. -0.00 min

Lab File: BE090039.D

Acq: 1 Jul 2015 9:34

Tgt Ion:	178	Resp:	67
Ion	Ratio	Lower	Upper
178	100		
176	25.4	15.3	22.9#
179	16.4	12.4	18.6





#23

Anthracene

Concen: 5.92 ng

RT: 17.01 min Scan# 2281

Delta R.T. -0.09 min

Lab File: BE090039.D

Acq: 1 Jul 2015 9:34

Instrument :

BNA_E

ClientSampleId :

X1SS0660624-150626DL

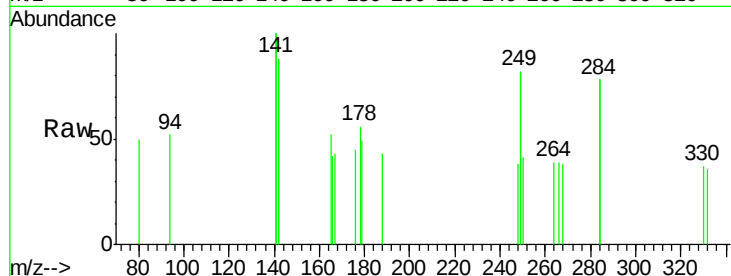
Tgt Ion:178 Resp: 43

Ion Ratio Lower Upper

178 100

176 39.5 14.7 22.1#

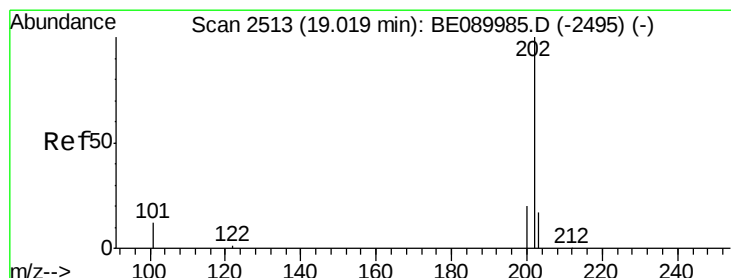
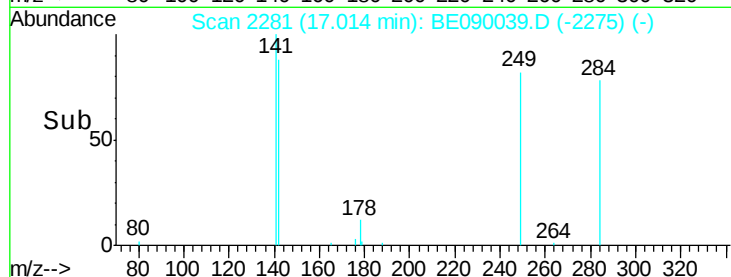
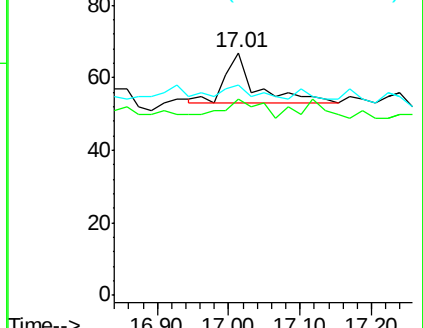
179 25.6 12.1 18.1#



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



#24

Fluoranthene

Concen: 6.76 ng

RT: 19.01 min Scan# 2511

Delta R.T. -0.00 min

Lab File: BE090039.D

Acq: 1 Jul 2015 9:34

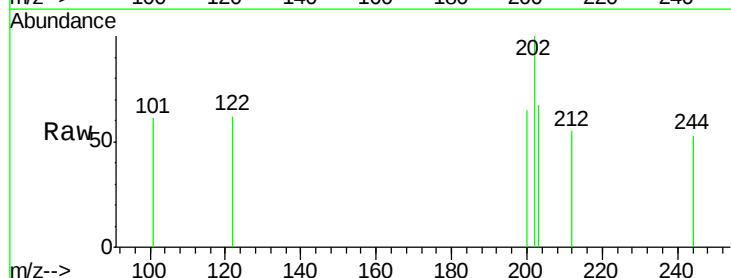
Tgt Ion:202 Resp: 60

Ion Ratio Lower Upper

202 100

101 16.7 10.6 15.8#

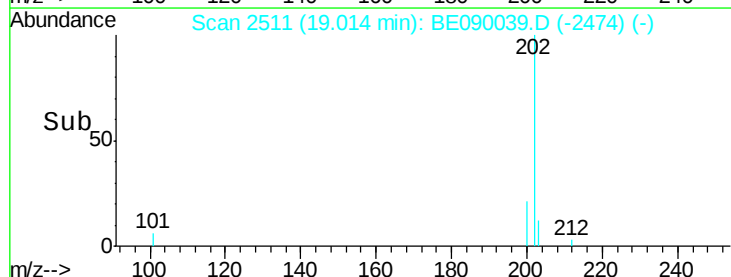
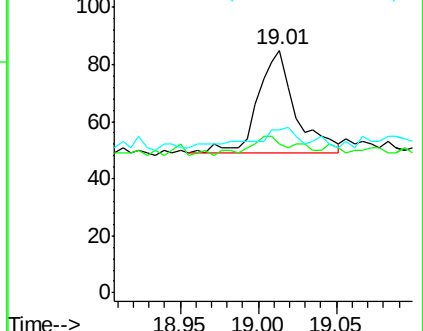
203 10.0 13.8 20.6#



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





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.12 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BE090039.D

Acq: 1 Jul 2015 9:34

Instrument :

BNA_E

ClientSampleId :

X1SS0660624-150626DL

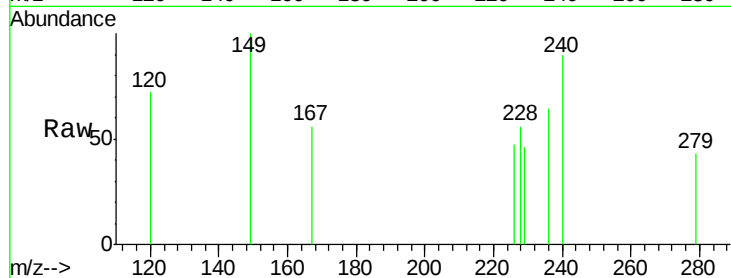
Tgt Ion:240 Resp: 111

Ion Ratio Lower Upper

240 100

120 79.4 6.9 10.3#

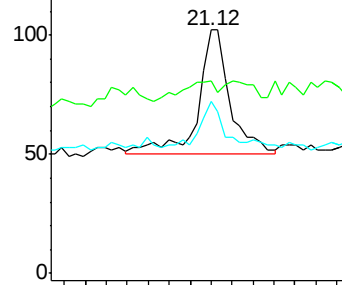
236 70.6 20.8 31.2#



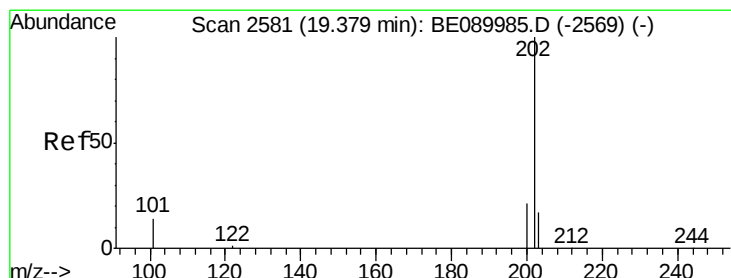
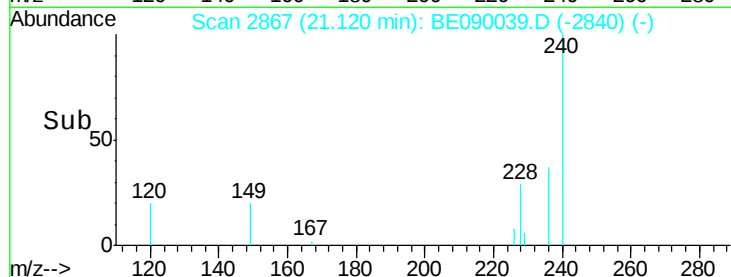
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#26

Pyrene

Concen: 2.31 ng

RT: 19.37 min Scan# 2578

Delta R.T. -0.01 min

Lab File: BE090039.D

Acq: 1 Jul 2015 9:34

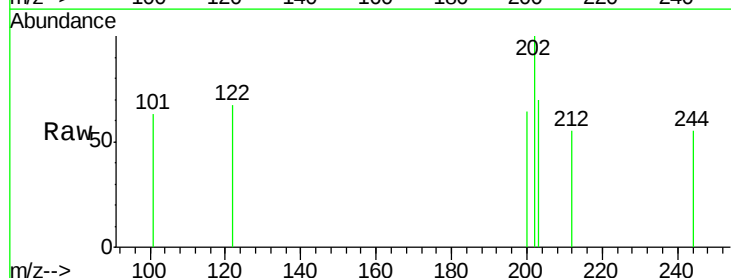
Tgt Ion:202 Resp: 61

Ion Ratio Lower Upper

202 100

200 18.0 16.8 25.2

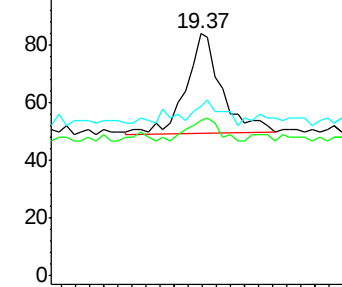
203 18.0 13.9 20.9



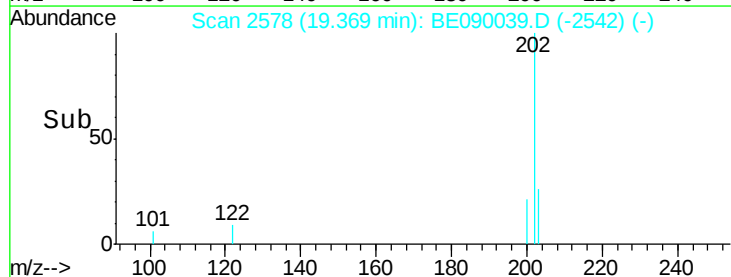
Abundance Ion 202.00 (201.70 to 202.70): E

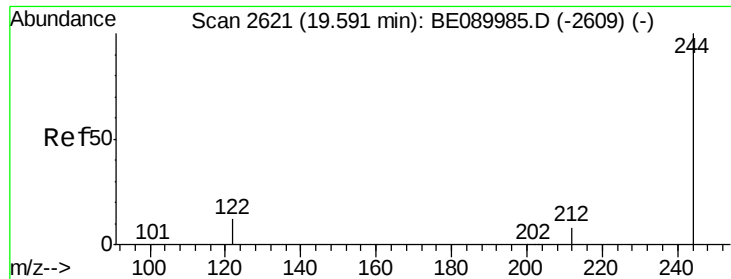
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->





#27

Terphenyl-d14

Concen: 1.41 ng

RT: 19.58 min Scan# 2618

Delta R.T. -0.01 min

Lab File: BE090039.D

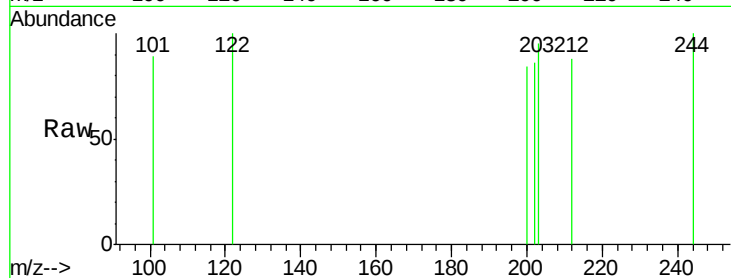
Acq: 1 Jul 2015 9:34

Instrument :

BNA_E

ClientSampleId :

X1SS0660624-150626DL



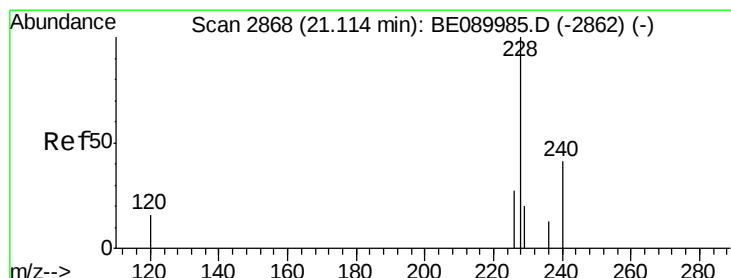
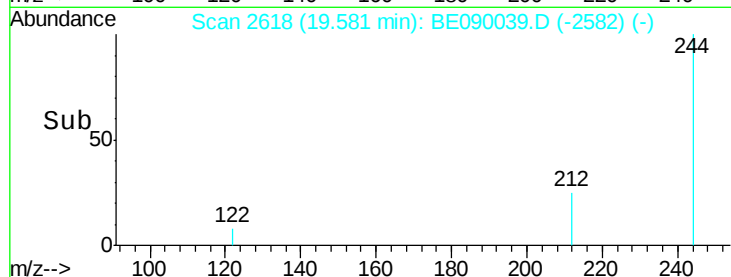
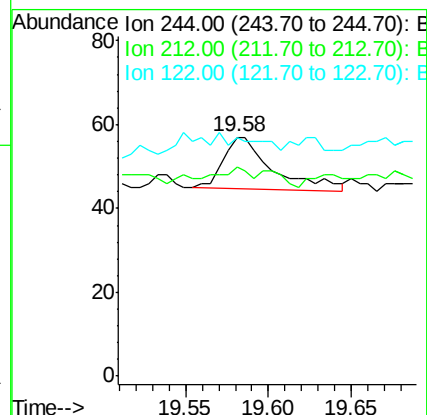
Tgt Ion: 244 Resp: 26

Ion Ratio Lower Upper

244 100

212 87.7 6.6 9.8#

122 100.0 9.8 14.8#



#28

Benzo(a)anthracene

Concen: 2.13 ng

RT: 21.11 min Scan# 2865

Delta R.T. -0.01 min

Lab File: BE090039.D

Acq: 1 Jul 2015 9:34

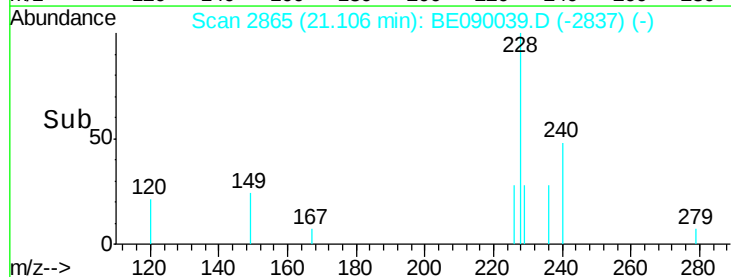
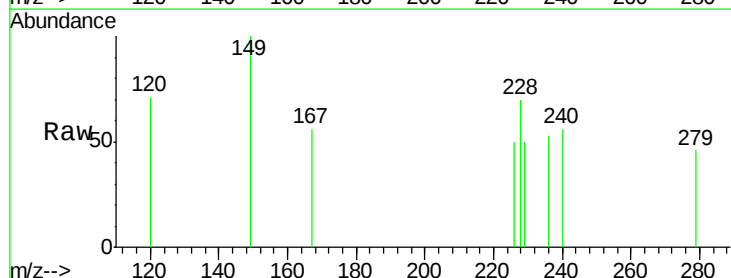
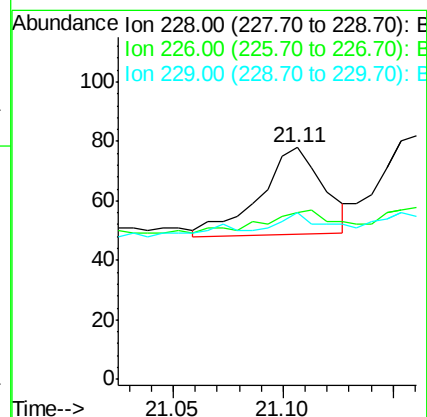
Tgt Ion: 228 Resp: 59

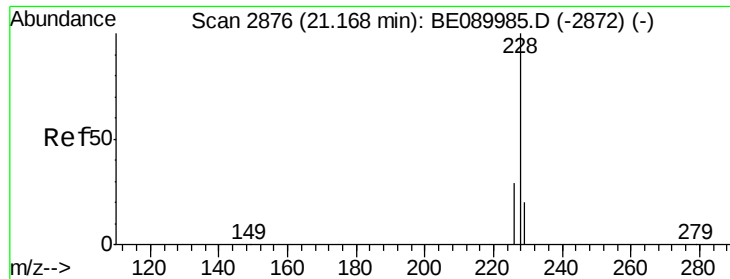
Ion Ratio Lower Upper

228 100

226 71.8 21.8 32.6#

229 71.8 15.8 23.6#





#29

Chrysene

Concen: 2.08 ng

RT: 21.16 min Scan# 2873

Delta R.T. -0.01 min

Lab File: BE090039.D

Acq: 1 Jul 2015 9:34

Instrument :

BNA_E

ClientSampleId :

X1SS0660624-150626DL

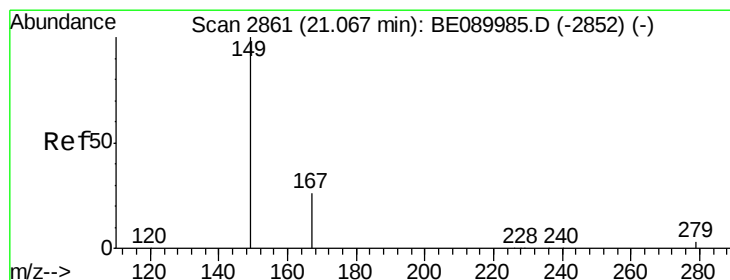
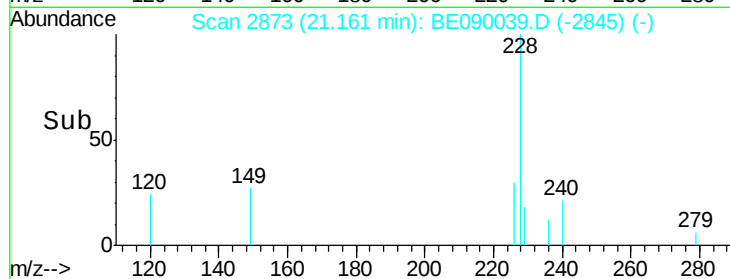
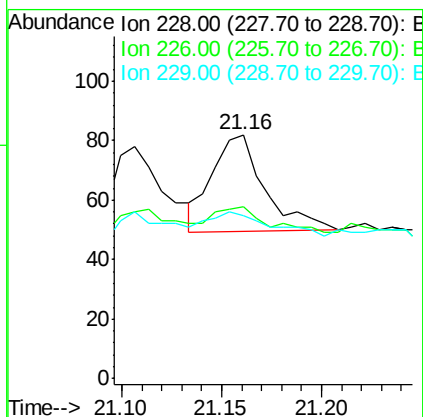
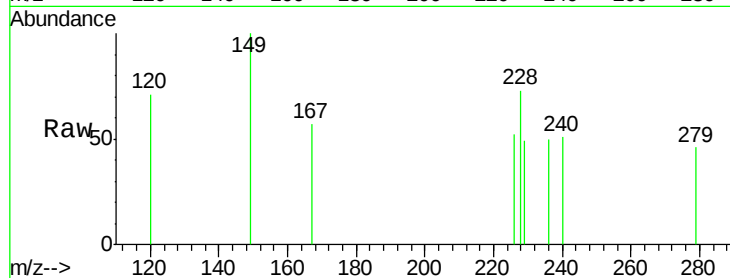
Tgt Ion:228 Resp: 60

Ion Ratio Lower Upper

228 100

226 70.7 23.4 35.0#

229 67.1 16.2 24.2#



#30

Bis(2-ethylhexyl)phthalate

Concen: 0.75 ng

RT: 21.06 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BE090039.D

Acq: 1 Jul 2015 9:34

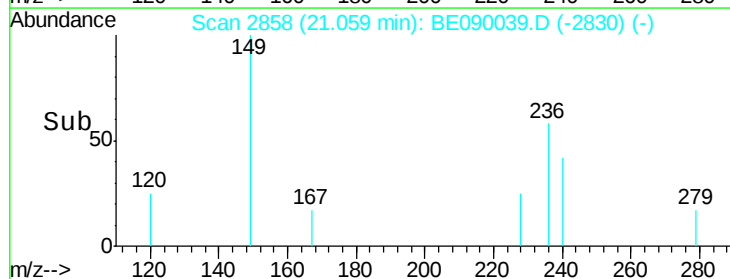
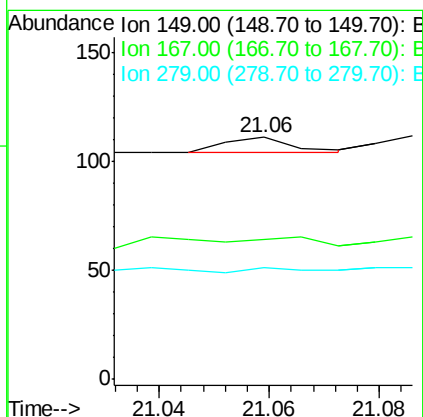
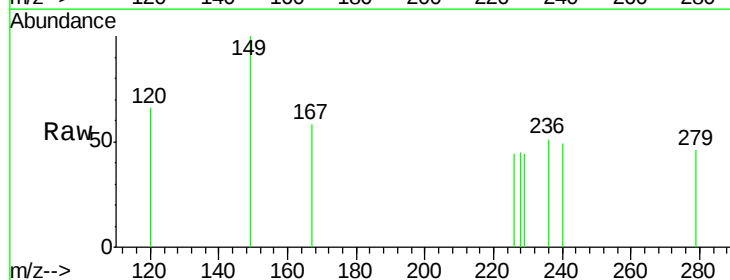
Tgt Ion:149 Resp: 6

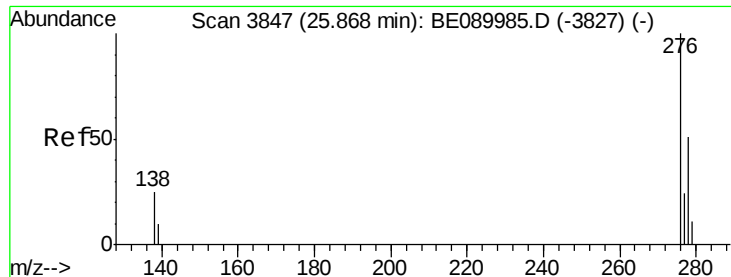
Ion Ratio Lower Upper

149 100

167 0.0 20.3 30.5#

279 66.7 2.6 3.8#





#31

Indeno(1,2,3-cd)pyrene

Concen: 10.07 ng

RT: 25.84 min Scan# 3839

Delta R.T. -0.03 min

Lab File: BE090039.D

Acq: 1 Jul 2015 9:34

Instrument :

BNA_E

ClientSampleId :

X1SS0660624-150626DL

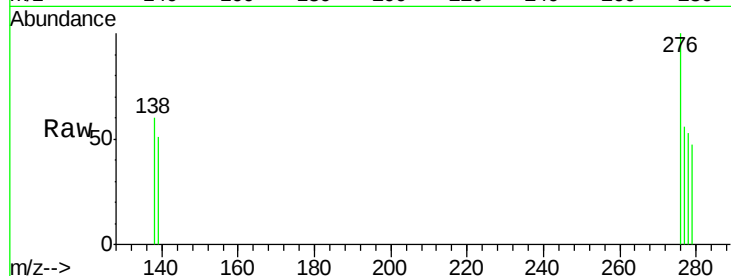
Tgt Ion:276 Resp: 278

Ion Ratio Lower Upper

276 100

138 28.1 21.3 31.9

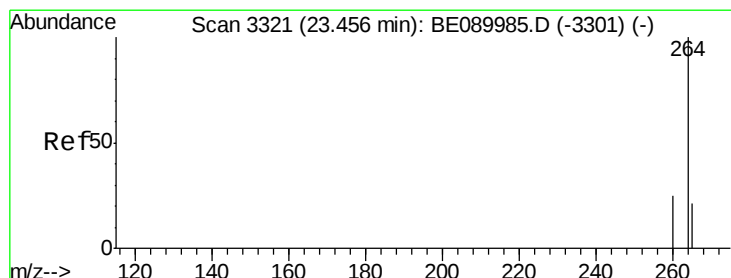
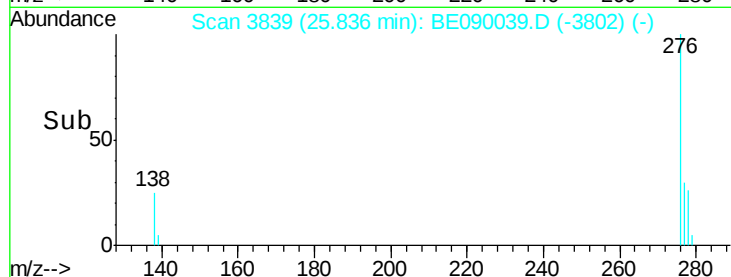
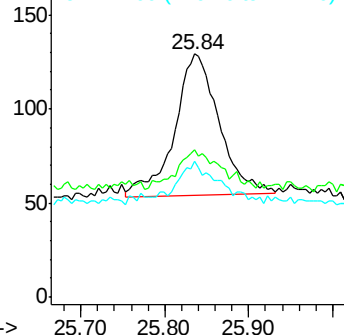
277 19.8 19.7 29.5



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: 23.43 min Scan# 3315

Delta R.T. -0.02 min

Lab File: BE090039.D

Acq: 1 Jul 2015 9:34

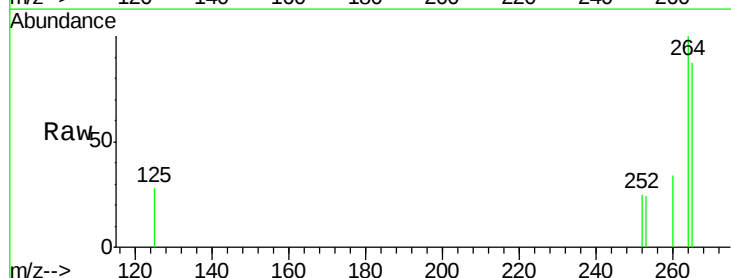
Tgt Ion:264 Resp: 707

Ion Ratio Lower Upper

264 100

260 33.9 20.2 30.2#

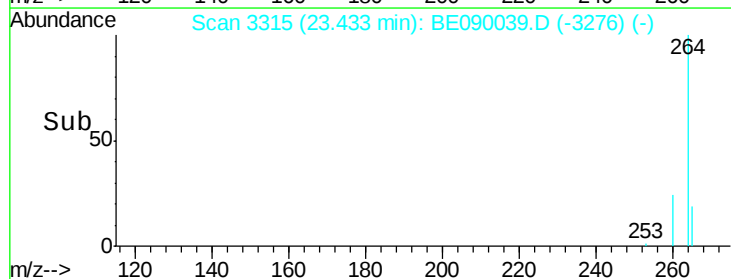
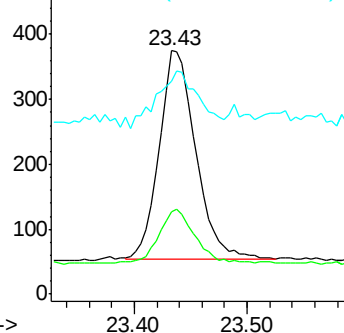
265 87.5 17.1 25.7#



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: 1.10 ng

RT: 22.73 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BE090039.D

Acq: 1 Jul 2015 9:34

Instrument :

BNA_E

ClientSampleId :

X1SS0660624-150626DL

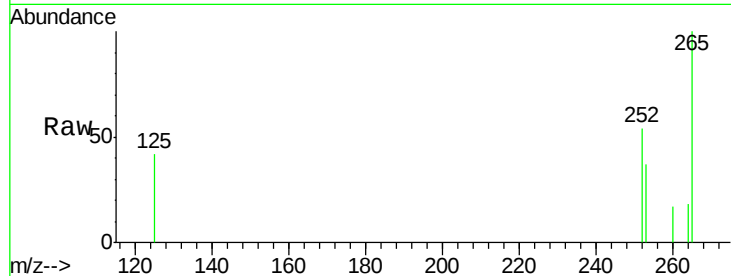
Tgt Ion: 252 Resp: 171

Ion Ratio Lower Upper

252 100

253 69.1 17.8 26.8#

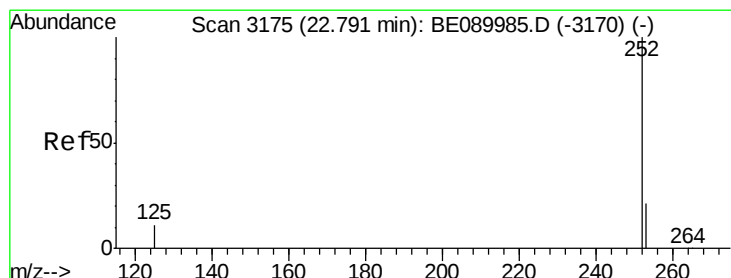
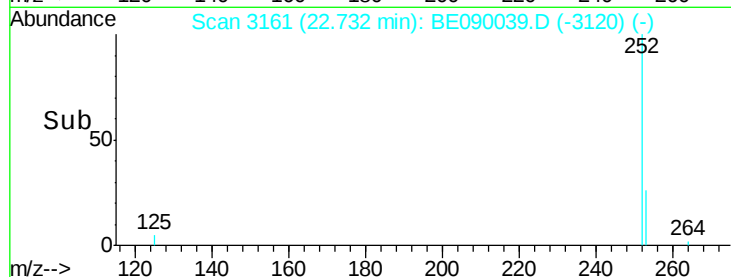
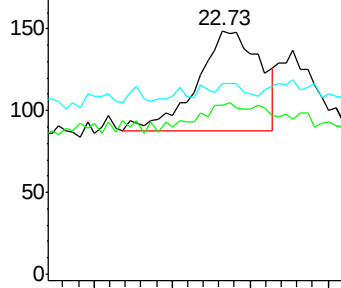
125 78.5 9.0 13.4#



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



#34

Benzo(k)fluoranthene

Concen: 0.98 ng

RT: 22.73 min Scan# 3161

Delta R.T. -0.06 min

Lab File: BE090039.D

Acq: 1 Jul 2015 9:34

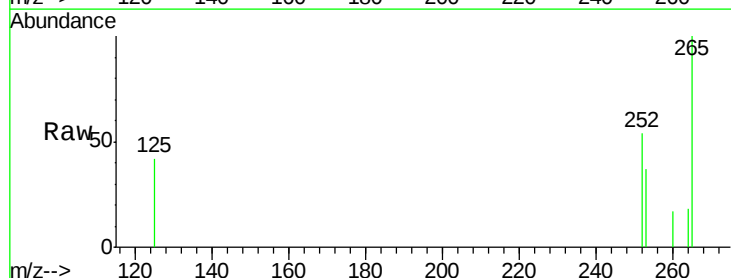
Tgt Ion: 252 Resp: 171

Ion Ratio Lower Upper

252 100

253 69.1 17.5 26.3#

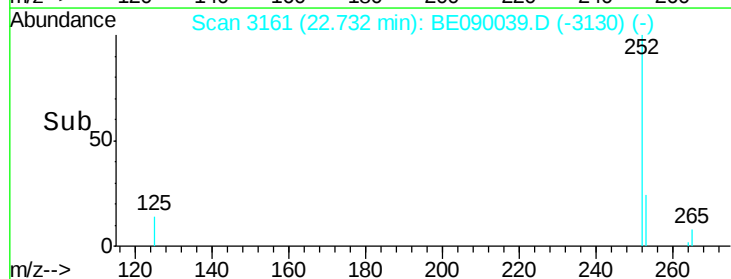
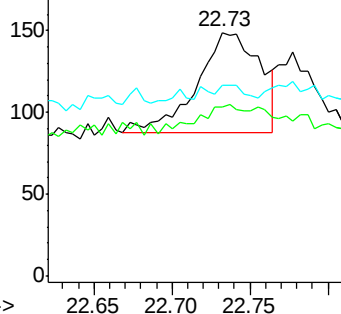
125 78.5 9.5 14.3#



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: 1.31 ng

RT: 23.33 min Scan# 3293

Delta R.T. -0.02 min

Lab File: BE090039.D

Acq: 1 Jul 2015 9:34

Instrument :

BNA_E

ClientSampleId :

X1SS0660624-150626DL

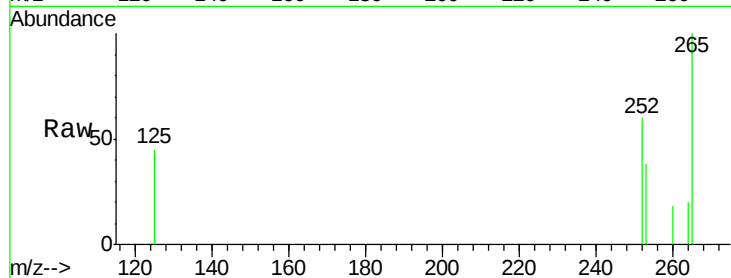
Tgt Ion: 252 Resp: 189

Ion Ratio Lower Upper

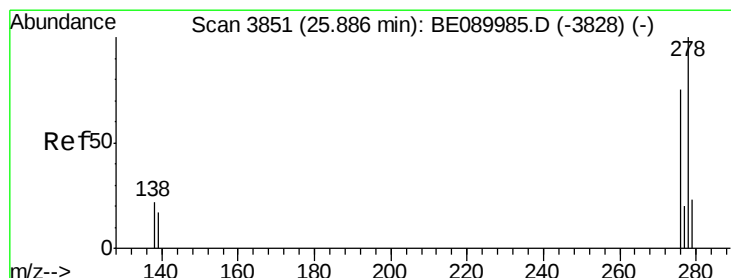
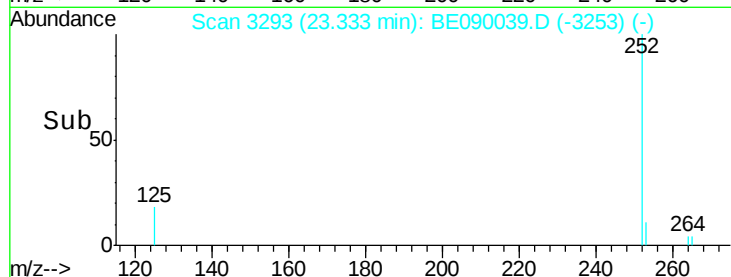
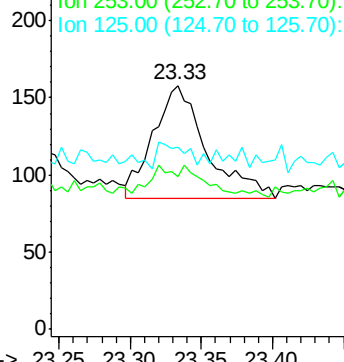
252 100

253 62.7 17.4 26.2#

125 74.7 10.5 15.7#



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: 0.85 ng

RT: 25.86 min Scan# 3845

Delta R.T. -0.02 min

Lab File: BE090039.D

Acq: 1 Jul 2015 9:34

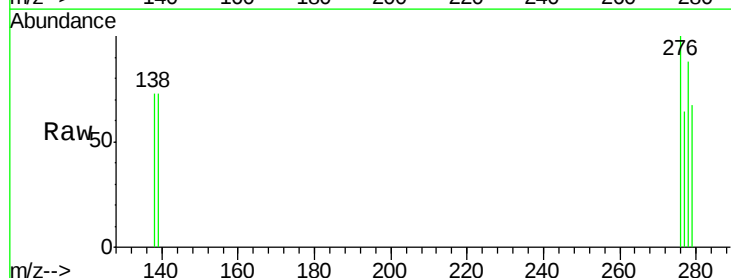
Tgt Ion: 278 Resp: 125

Ion Ratio Lower Upper

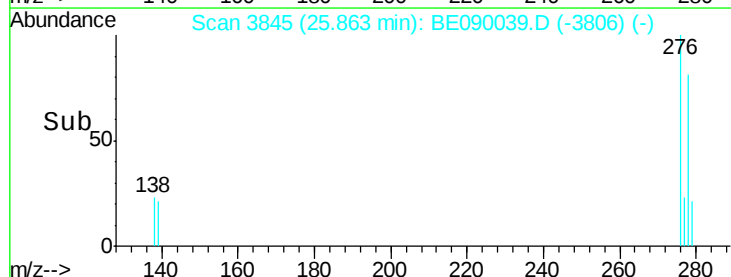
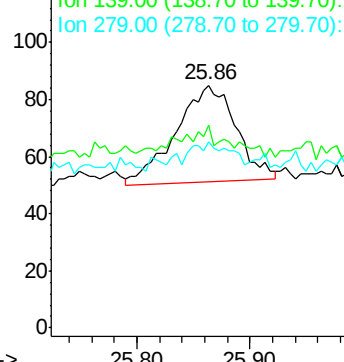
278 100

139 83.5 14.4 21.6#

279 76.5 19.0 28.6#



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: 1.86 ng

RT: 26.57 min Scan# 4001

Delta R.T. -0.03 min

Lab File: BE090039.D

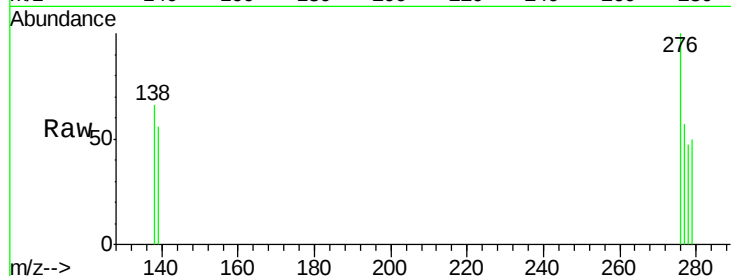
Acq: 1 Jul 2015 9:34

Instrument :

BNA_E

ClientSampleId :

X1SS0660624-150626DL



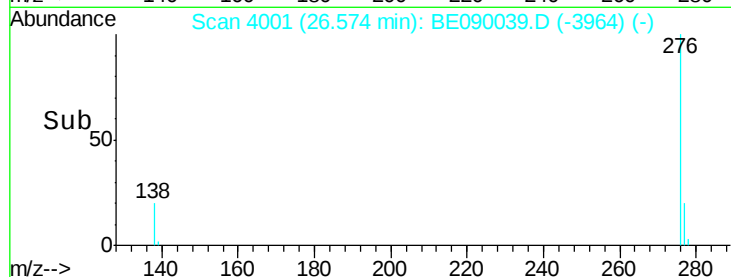
Tgt Ion: 276 Resp: 279

Ion Ratio Lower Upper

276 100

277 56.8 18.8 28.2#

138 65.8 18.6 27.8#



Abundance Ion 276.00 (275.70 to 276.70): E

150 Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

100

26.57

50

0

Time-->