

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE091415\
 Data File : BE090800.D
 Acq On : 14 Sep 2015 15:27
 Operator : UM/IZ
 Sample : G3635-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 091015-D534-F-D-M

Quant Time: Sep 14 18:37:19 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 11:40:50 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	7	5.00	ng	0.00
6) Naphthalene-d8	10.29	136	5	5.00	ng	-0.02
12) Acenaphthene-d10	14.12	164	3	5.00	ng	-0.05
18) Phenanthrene-d10	16.94	188	51	5.00	ng	0.03
25) Chrysene-d12	21.12	240	409	5.00	ng	0.05
32) Perylene-d12	23.43	264	7	5.00	ng	0.07

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.18	112	2	1.48	ng	0.00
5) Phenol-d6	6.76	99	10	5.13	ng	0.00
7) Nitrobenzene-d5	8.69	82	4	12.11	ng	-0.01
13) 2,4,6-Tribromophenol	15.60	330	16	178.29	ng	-0.07
14) 2-Fluorobiphenyl	12.75	172	3	3.61	ng	-0.04
27) Terphenyl-d14	19.59	244	72	1.59	ng	0.05

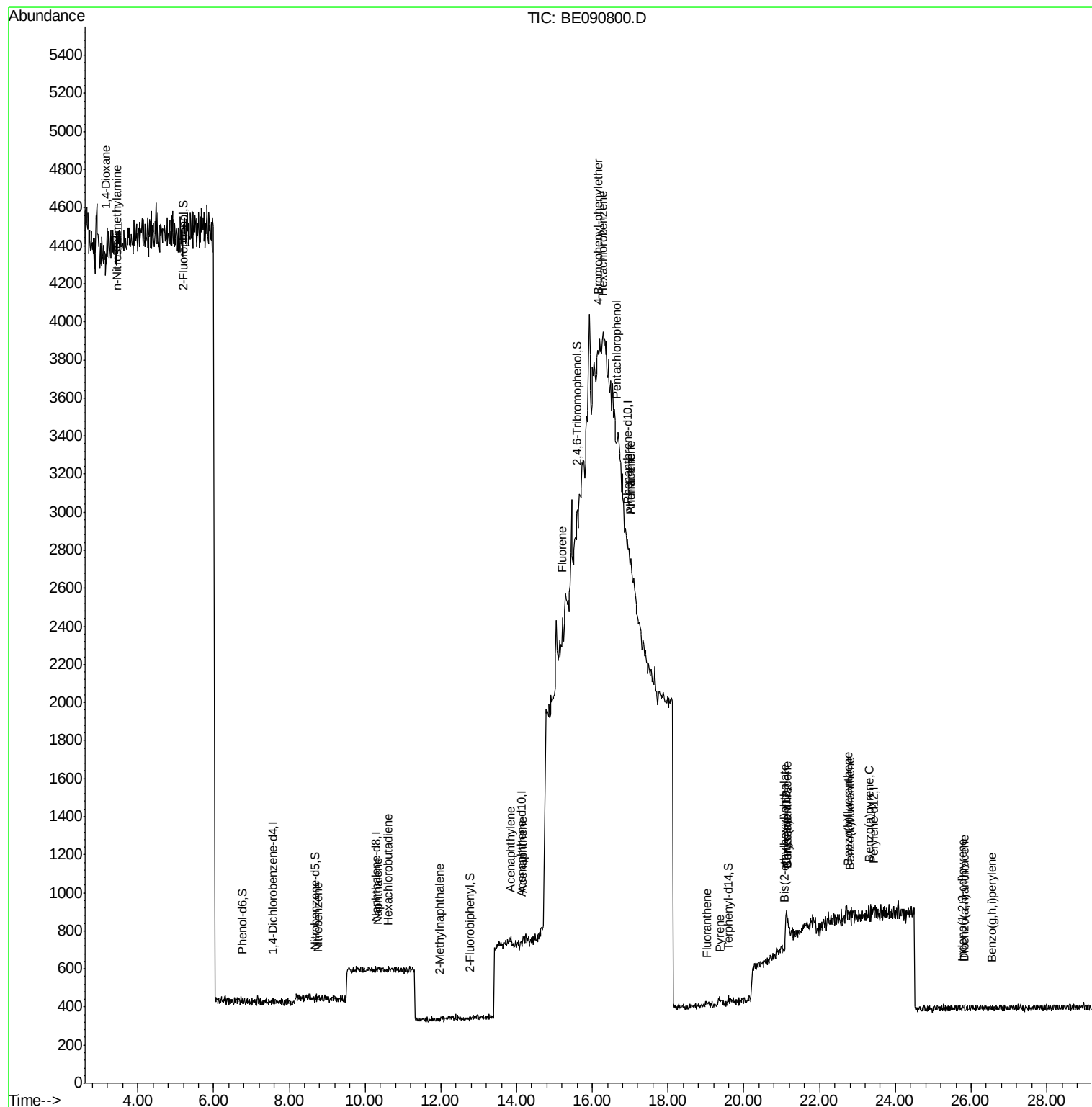
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.16	88	3	3.23	ng	# 16
3) n-Nitrosodimethylamine	3.45	42	18	14.70	ng	# 44
8) Nitrobenzene	8.75	77	16	38.65	ng	# 83
9) Naphthalene	10.32	128	10	9.17	ng	# 1
10) Hexachlorobutadiene	10.61	225	9	52.75	ng	# 18
11) 2-Methylnaphthalene	11.96	142	12	20.34	ng	# 63
15) Acenaphthylene	13.84	152	22	4.59	ng	# 1
16) Acenaphthene	14.17	154	7	8.74	ng	# 1
17) Fluorene	15.20	166	20	20.01	ng	# 1
19) 4-Bromophenyl-phenylether	16.14	248	29	16.68	ng	# 1
20) Hexachlorobenzene	16.27	284	50	6.05	ng	# 1
21) Pentachlorophenol	16.63	266	17	23.09	ng	# 50
22) Phenanthrene	17.01	178	178	14.10	ng	# 62
23) Anthracene	17.01	178	178	16.87	ng	# 61
24) Fluoranthene	19.02	202	50	3.76	ng	# 92
26) Pyrene	19.36	202	53	0.63	ng	# 67
28) Benzo(a)anthracene	21.14	228	204	2.27	ng	# 2
29) Chrysene	21.14	228	210	2.18	ng	# 8
30) Bis(2-ethylhexyl)phthalate	21.07	149	21	0.91	ng	# 46
31) Indeno(1,2,3-cd)pyrene	25.79	276	4	0.04	ng	# 48
33) Benzo(b)fluoranthene	22.75	252	14	9.22	ng	# 1
34) Benzo(k)fluoranthene	22.81	252	28	15.84	ng	# 1
35) Benzo(a)pyrene	23.32	252	18	13.26	ng	# 1
36) Dibenzo(a,h)anthracene	25.81	278	2	1.31	ng	# 1
37) Benzo(g,h,i)perylene	26.54	276	1	0.64	ng	# 1

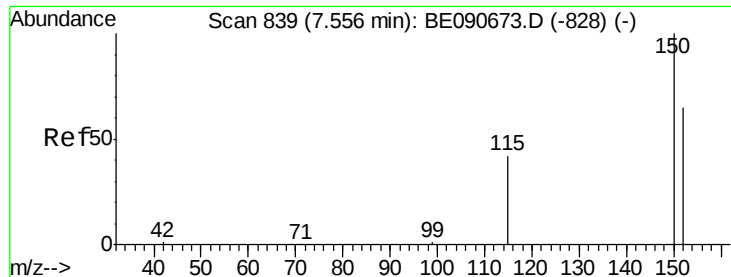
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 02 11:40:50 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.55 min Scan# 837

Delta R.T. -0.01 min

Lab File: BE090800.D

Acq: 14 Sep 2015 15:27

Instrument :

BNA_E

ClientSampleId :

091015-D534-F-D-M

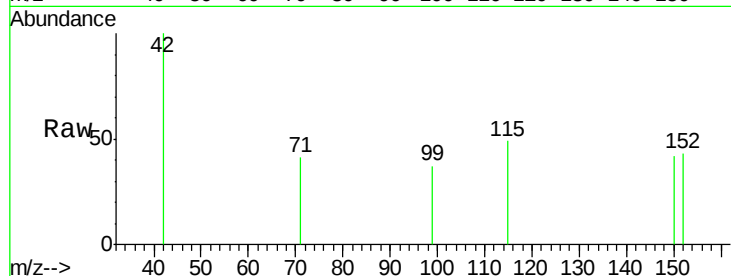
Tgt Ion: 152 Resp: 7

Ion Ratio Lower Upper

152 100

150 96.6 122.2 183.4#

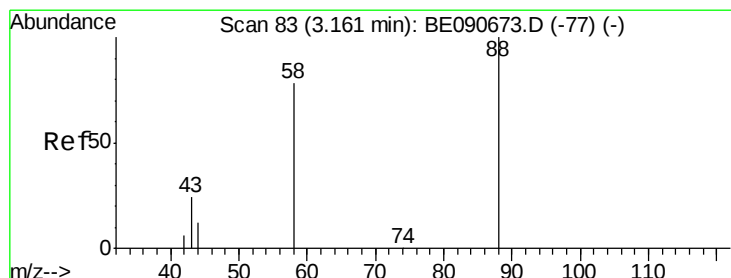
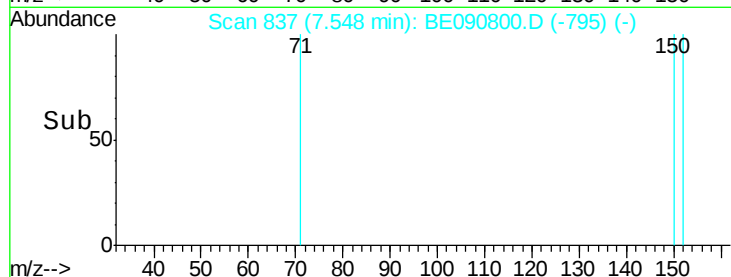
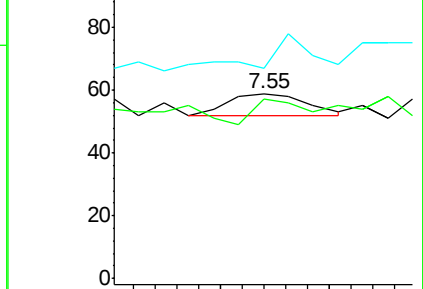
115 113.6 51.0 76.4#



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: 3.23 ng

RT: 3.16 min Scan# 83

Delta R.T. 0.00 min

Lab File: BE090800.D

Acq: 14 Sep 2015 15:27

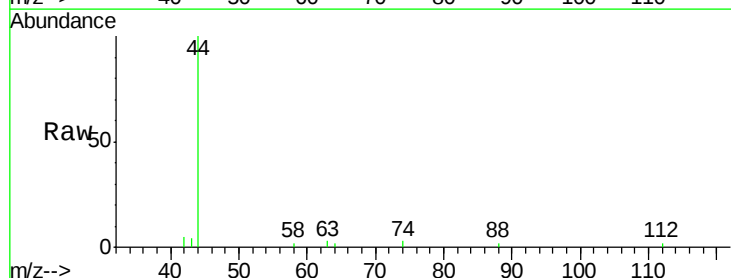
Tgt Ion: 88 Resp: 3

Ion Ratio Lower Upper

88 100

58 0.0 68.4 102.6#

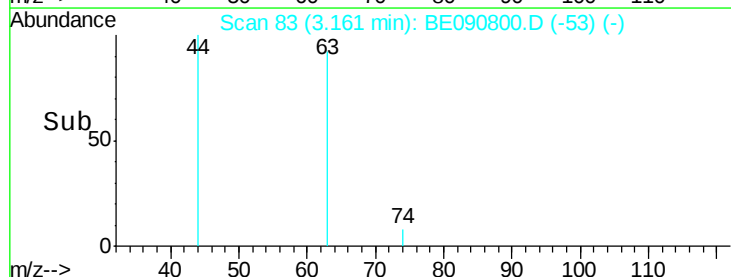
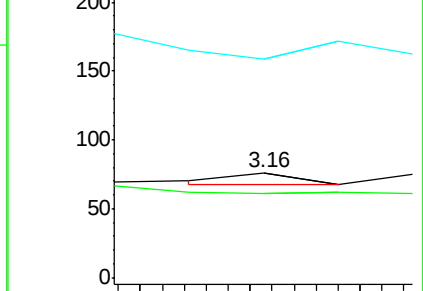
43 0.0 26.9 40.3#

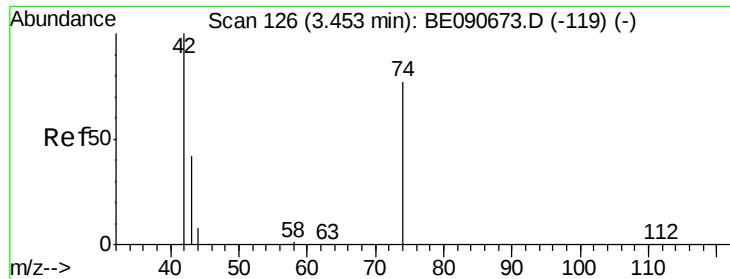


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 14.70 ng

RT: 3.45 min Scan# 126

Delta R.T. 0.00 min

Lab File: BE090800.D

Acq: 14 Sep 2015 15:27

Instrument :

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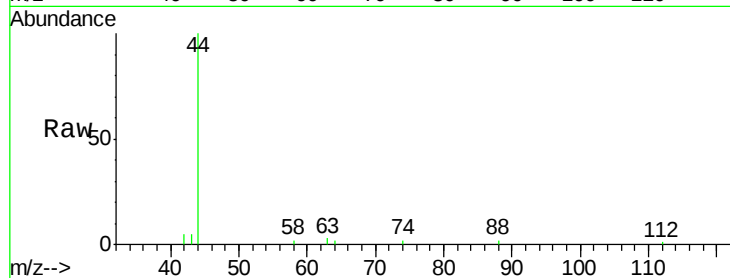
Tgt Ion: 42 Resp: 18

Ion Ratio Lower Upper

42 100

74 44.4 83.7 125.5#

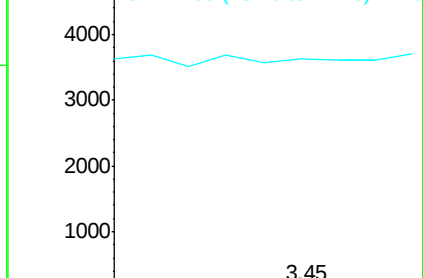
44 0.0 10.0 15.0#



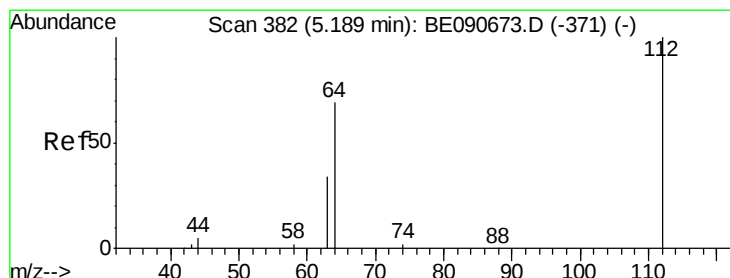
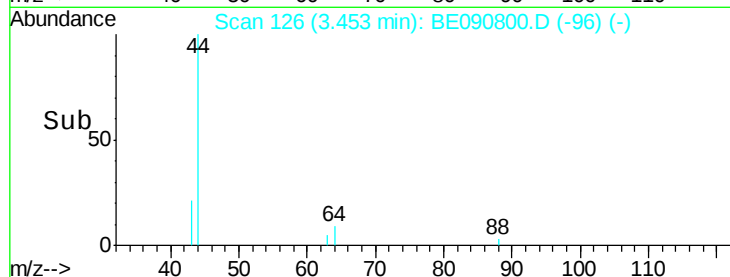
Abundance Ion 42.00 (41.70 to 42.70): BE090673.D (-119) (-)

Ion 74.00 (73.70 to 74.70): BE090673.D (-119) (-)

Ion 44.00 (43.70 to 44.70): BE090673.D (-119) (-)



Time-->



#4

2-Fluorophenol

Concen: 1.48 ng

RT: 5.18 min Scan# 381

Delta R.T. -0.01 min

Lab File: BE090800.D

Acq: 14 Sep 2015 15:27

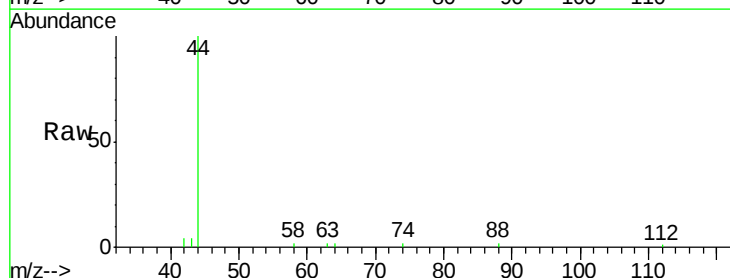
Tgt Ion: 112 Resp: 2

Ion Ratio Lower Upper

112 100

64 0.0 57.3 85.9#

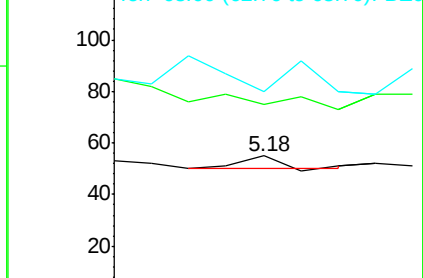
63 0.0 29.2 43.8#



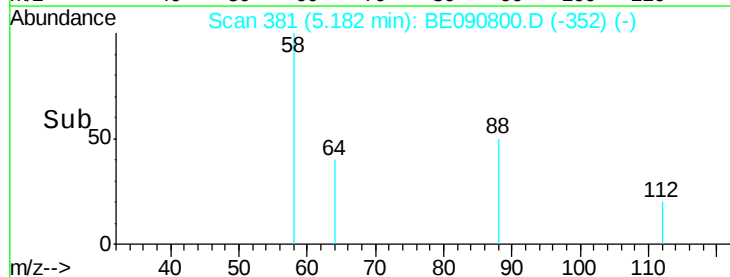
Abundance Ion 112.00 (111.70 to 112.70): BE090673.D (-371) (-)

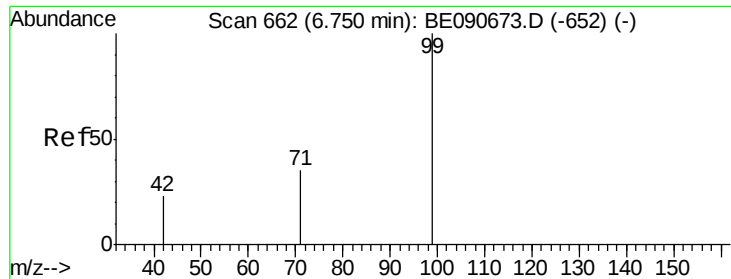
Ion 64.00 (63.70 to 64.70): BE090673.D (-371) (-)

Ion 63.00 (62.70 to 63.70): BE090673.D (-371) (-)



Time-->





#5

Phenol-d6

Concen: 5.13 ng

RT: 6.76 min Scan# 663

Delta R.T. 0.01 min

Lab File: BE090800.D

Acq: 14 Sep 2015 15:27

Instrument :

BNA_E

ClientSampleId :

091015-D534-F-D-M

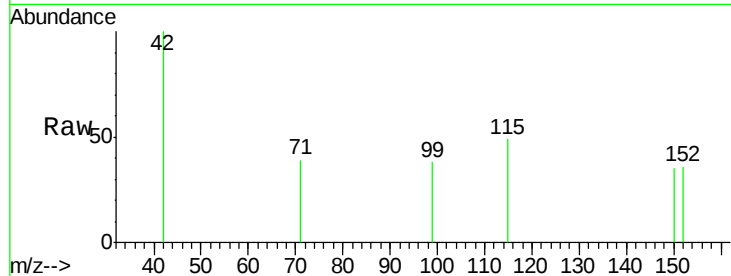
Tgt Ion: 99 Resp: 10

Ion Ratio Lower Upper

99 100

42 360.0 16.8 25.2#

71 130.0 28.3 42.5#

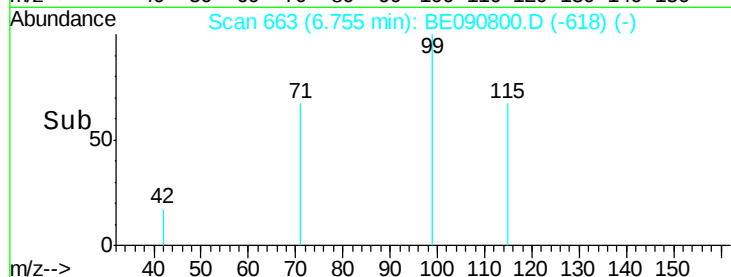


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

Time-->



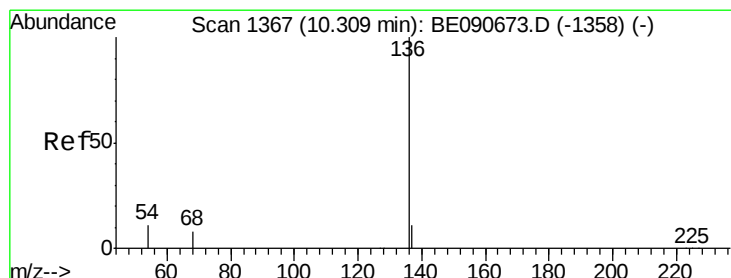
Abundance

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

Time-->



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.29 min Scan# 1365

Delta R.T. -0.02 min

Lab File: BE090800.D

Acq: 14 Sep 2015 15:27

Tgt Ion: 136 Resp: 5

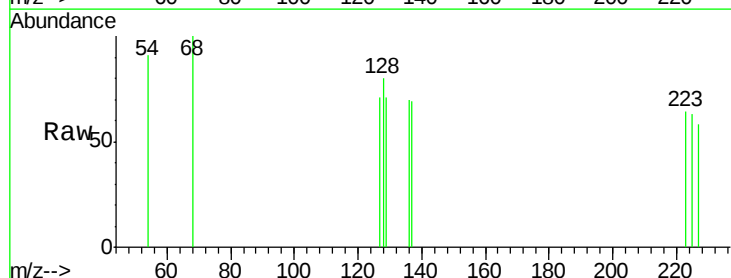
Ion Ratio Lower Upper

136 100

137 98.2 8.7 13.1#

54 130.4 9.0 13.6#

68 142.9 6.3 9.5#



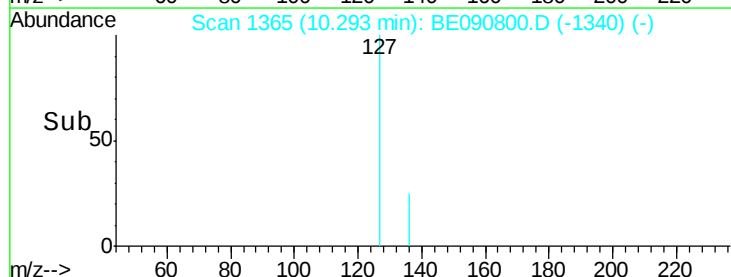
Abundance Ion 136.00 (135.70 to 136.70): E

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

Time-->



Abundance

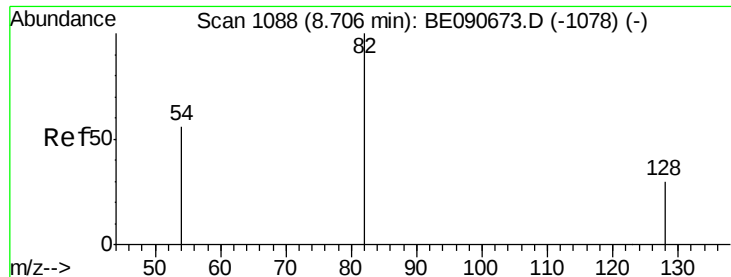
Ion 136.00 (135.70 to 136.70): E

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

Time-->



#7

Nitrobenzene-d5

Concen: 12.11 ng

RT: 8.69 min Scan# 1085

Delta R.T. -0.01 min

Lab File: BE090800.D

Acq: 14 Sep 2015 15:27

Instrument :

BNA_E

ClientSampleId :

091015-D534-F-D-M

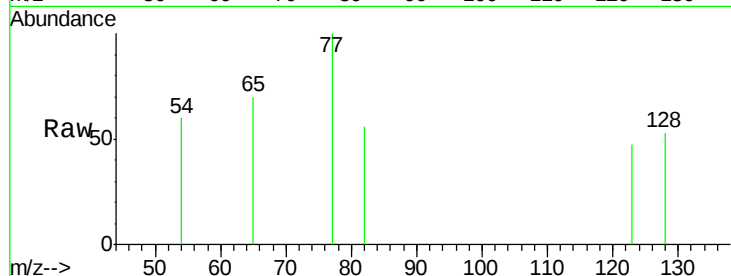
Tgt Ion: 82 Resp: 4

Ion Ratio Lower Upper

82 100

128 95.5 25.0 37.4#

54 107.6 46.3 69.5#



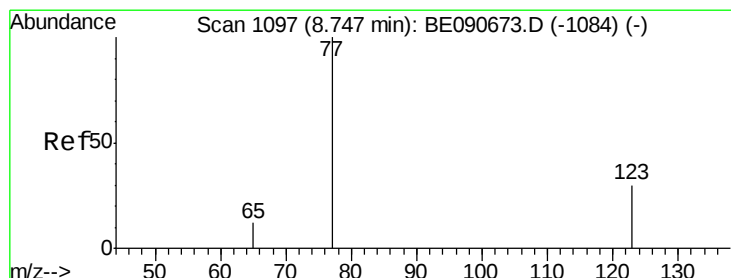
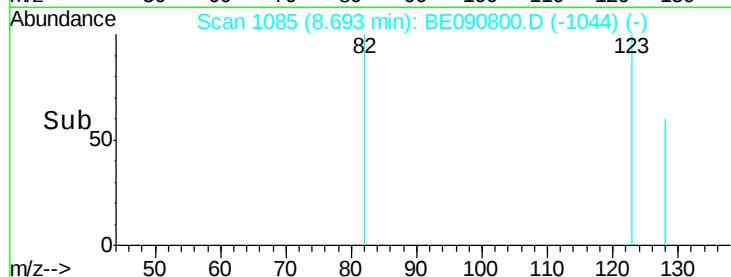
Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0

8.69

Time--> 8.68 8.69 8.70 8.71



#8

Nitrobenzene

Concen: 38.65 ng

RT: 8.75 min Scan# 1097

Delta R.T. 0.00 min

Lab File: BE090800.D

Acq: 14 Sep 2015 15:27

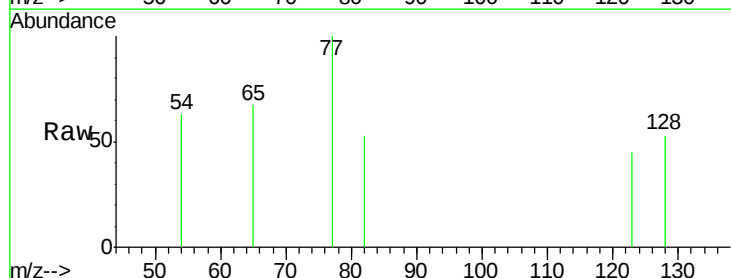
Tgt Ion: 77 Resp: 16

Ion Ratio Lower Upper

77 100

123 25.0 25.1 37.7#

65 0.0 9.9 14.9#



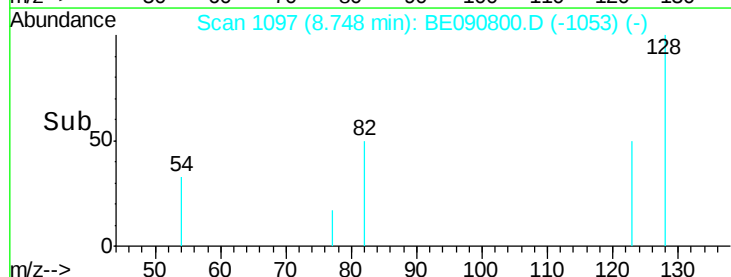
Abundance Ion 77.00 (76.70 to 77.70): BE0

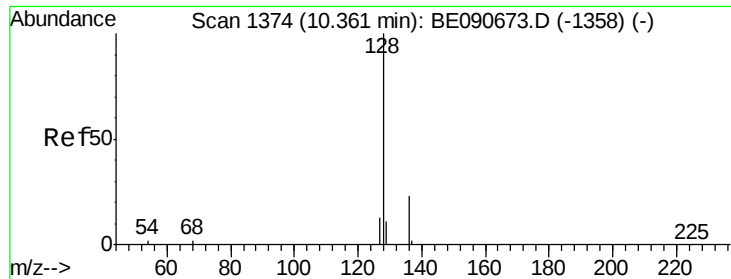
Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0

8.75

Time--> 8.72 8.74 8.76





#9

Naphthalene

Concen: 9.17 ng

RT: 10.32 min Scan# 1369

Delta R.T. -0.04 min

Lab File: BE090800.D

Acq: 14 Sep 2015 15:27

Instrument :

BNA_E

ClientSampleId :

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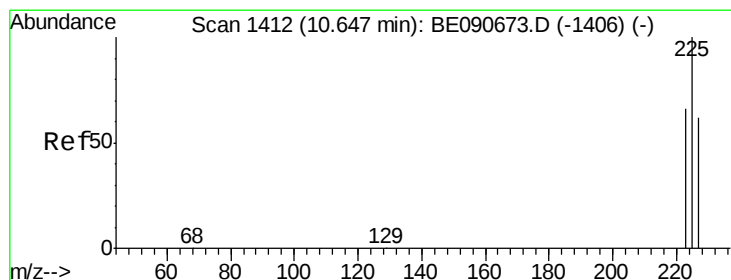
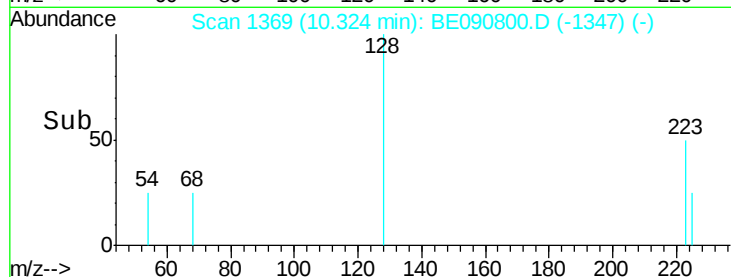
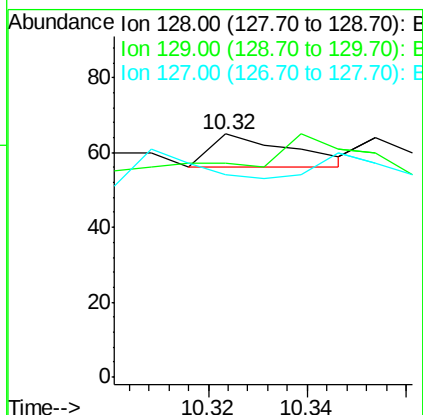
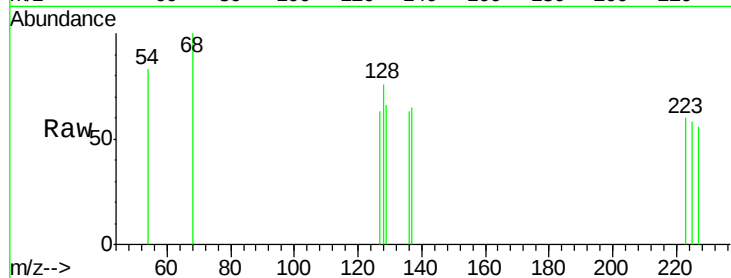
Tgt Ion:128 Resp: 10

Ion Ratio Lower Upper

128 100

129 87.7 9.0 13.6#

127 83.1 10.6 15.8#



#10

Hexachlorobutadiene

Concen: 52.75 ng

RT: 10.61 min Scan# 1407

Delta R.T. -0.04 min

Lab File: BE090800.D

Acq: 14 Sep 2015 15:27

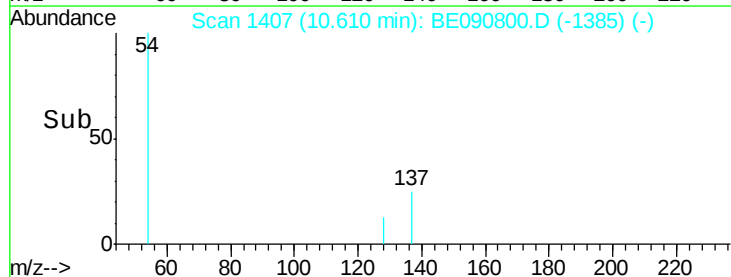
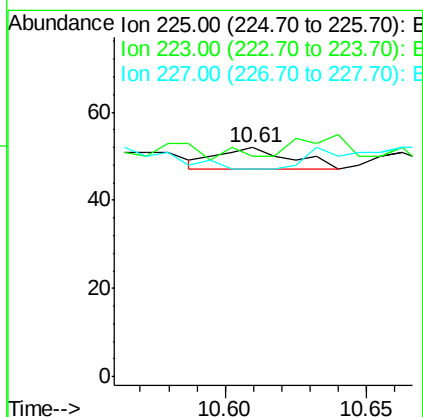
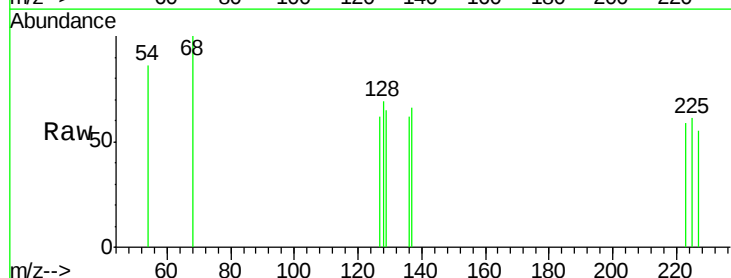
Tgt Ion:225 Resp: 9

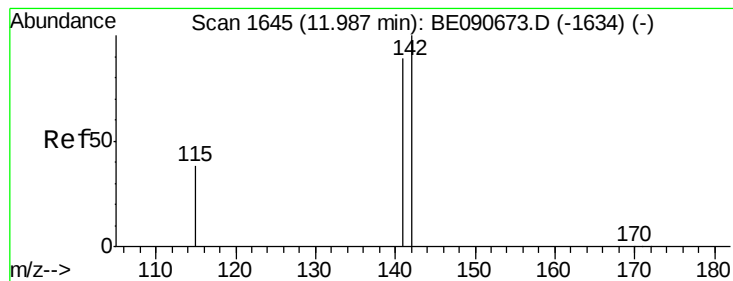
Ion Ratio Lower Upper

225 100

223 0.0 50.6 76.0#

227 0.0 51.0 76.6#

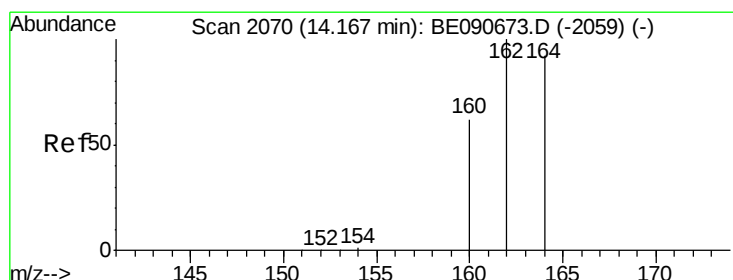
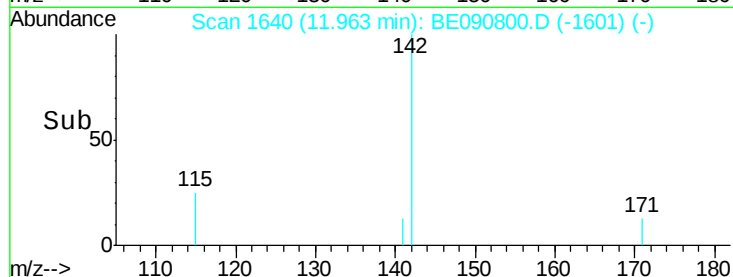
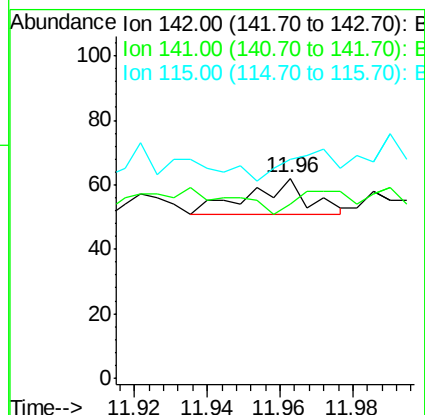
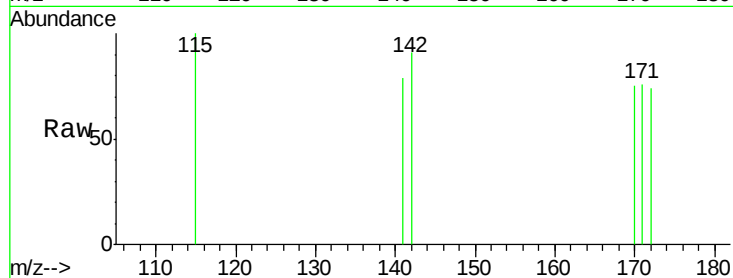




#11
2-Methylnaphthalene
Concen: 20.34 ng
RT: 11.96 min Scan# 1640
Delta R.T. -0.02 min
Lab File: BE090800.D
Acq: 14 Sep 2015 15:27

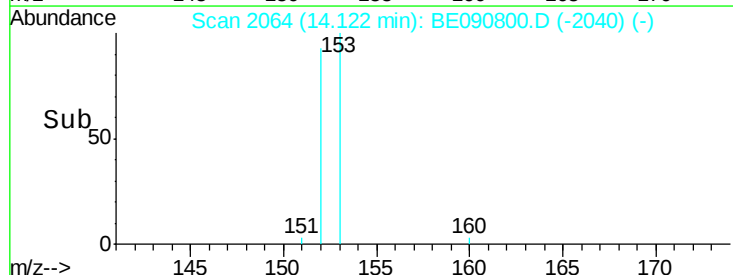
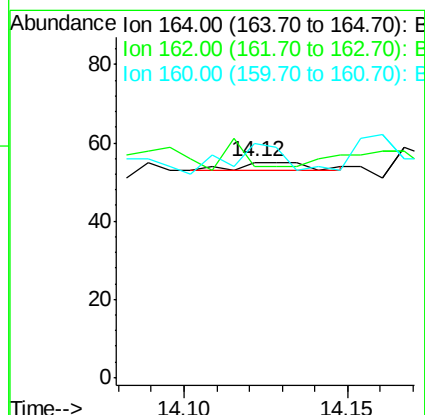
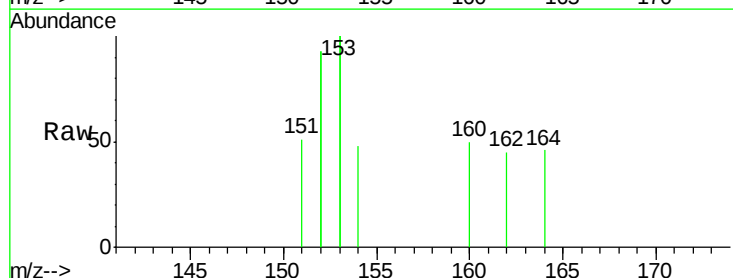
Instrument :
BNA_E
ClientSampleId :
091015-D534-F-D-M

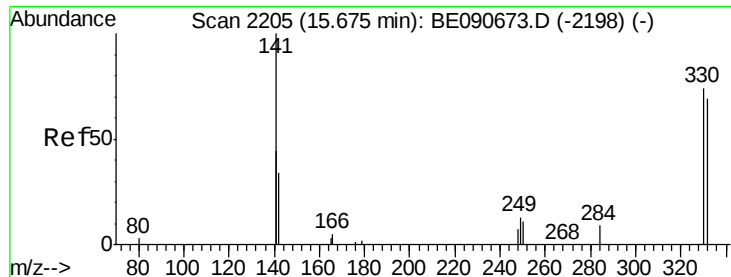
Tgt Ion:142 Resp: 12
Ion Ratio Lower Upper
142 100
141 87.1 71.4 107.2
115 109.7 31.0 46.4#



#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.12 min Scan# 2064
Delta R.T. -0.05 min
Lab File: BE090800.D
Acq: 14 Sep 2015 15:27

Tgt Ion:164 Resp: 3
Ion Ratio Lower Upper
164 100
162 98.2 86.8 130.2
160 109.1 53.9 80.9#

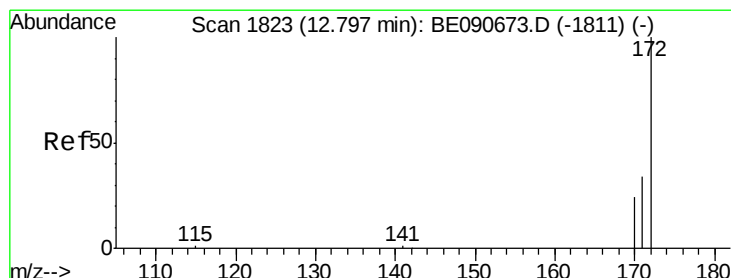
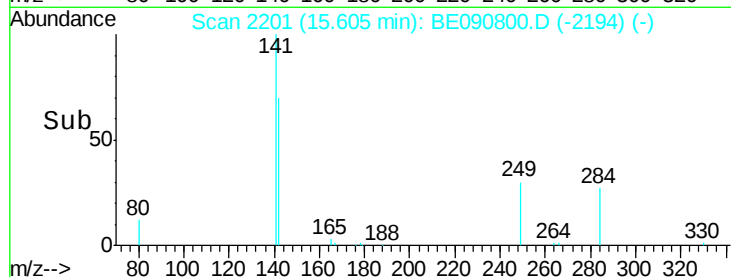
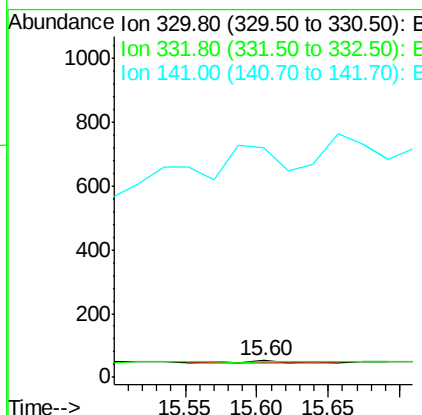
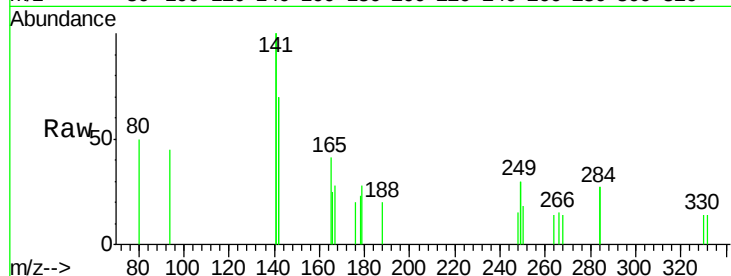




#13
 2,4,6-Tribromophenol
 Concen: 178.29 ng
 RT: 15.60 min Scan# 2201
 Delta R.T. -0.07 min
 Lab File: BE090800.D
 Acq: 14 Sep 2015 15:27

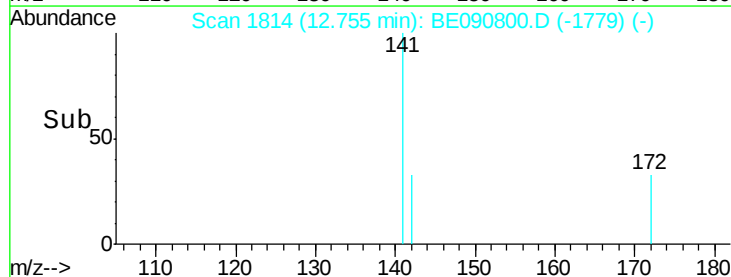
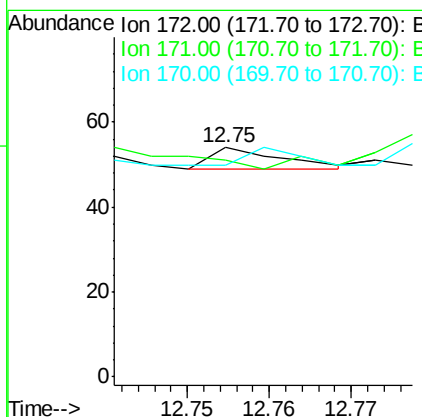
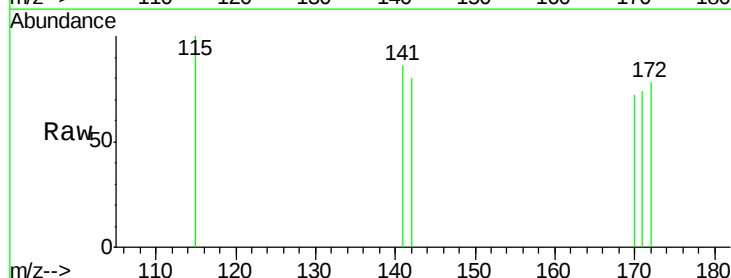
Instrument :
 BNA_E
 ClientSampleId :
 091015-D534-F-D-M

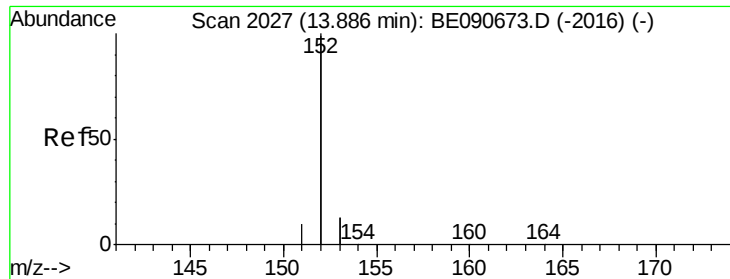
Tgt Ion:330 Resp: 16
 Ion Ratio Lower Upper
 330 100
 332 31.3 74.9 112.3#
 141 4475.0 145.2 217.8#



#14
 2-Fluorobiphenyl
 Concen: 3.61 ng
 RT: 12.75 min Scan# 1814
 Delta R.T. -0.04 min
 Lab File: BE090800.D
 Acq: 14 Sep 2015 15:27

Tgt Ion:172 Resp: 3
 Ion Ratio Lower Upper
 172 100
 171 94.4 27.8 41.8#
 170 92.6 19.8 29.6#





#15

Acenaphthylene

Concen: 4.59 ng

RT: 13.84 min Scan# 2021

Delta R.T. -0.05 min

Lab File: BE090800.D

Acq: 14 Sep 2015 15:27

Instrument :

BNA_E

ClientSampleId :

091015-D534-F-D-M

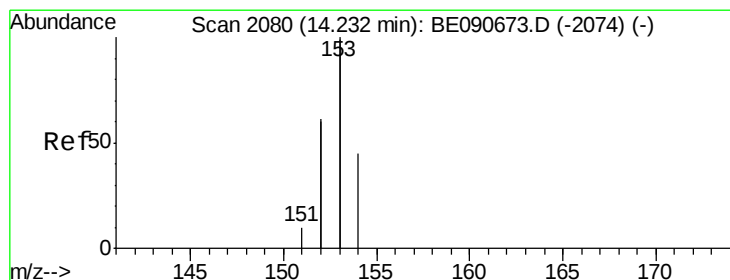
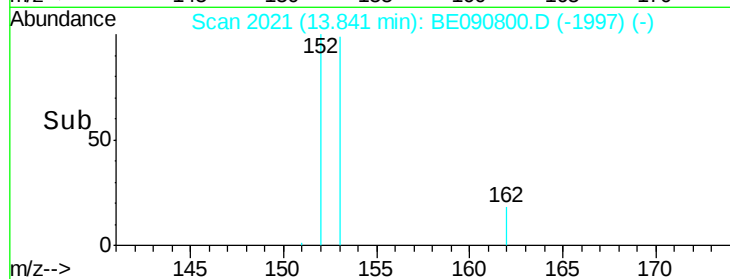
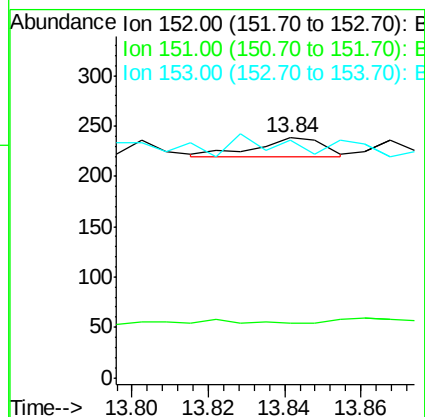
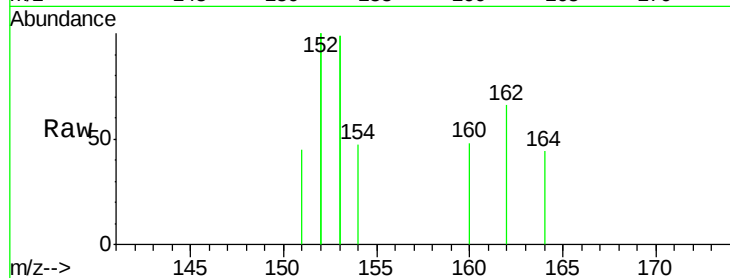
Tgt Ion:152 Resp: 22

Ion Ratio Lower Upper

152 100

151 81.8 3.9 5.9#

153 81.8 10.3 15.5#



#16

Acenaphthene

Concen: 8.74 ng

RT: 14.17 min Scan# 2071

Delta R.T. -0.06 min

Lab File: BE090800.D

Acq: 14 Sep 2015 15:27

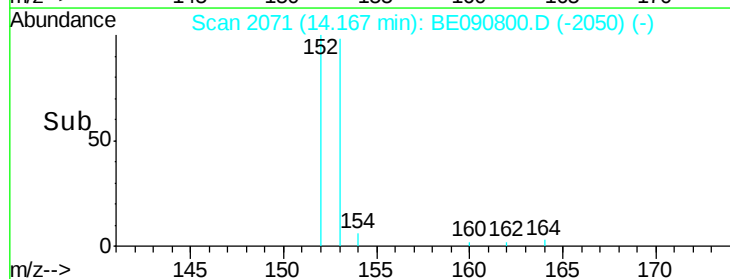
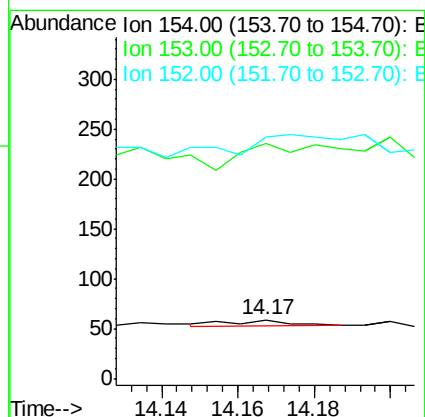
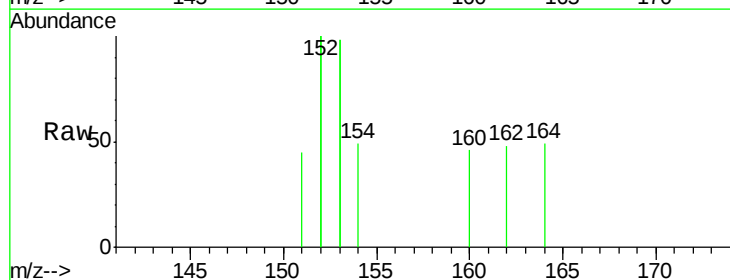
Tgt Ion:154 Resp: 7

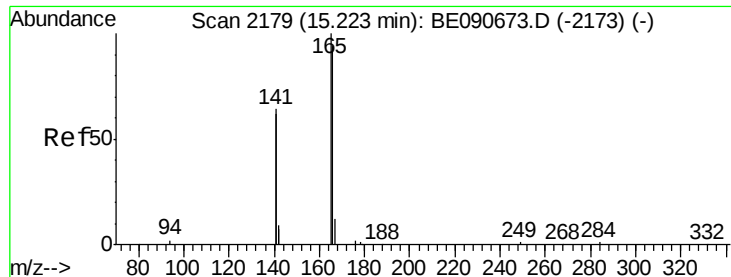
Ion Ratio Lower Upper

154 100

153 357.1 354.5 531.7

152 714.3 227.8 341.6#





#17

Fluorene

Concen: 20.01 ng

RT: 15.20 min Scan# 2178

Delta R.T. -0.02 min

Lab File: BE090800.D

Acq: 14 Sep 2015 15:27

Instrument :

BNA_E

ClientSampleId :

091015-D534-F-D-M

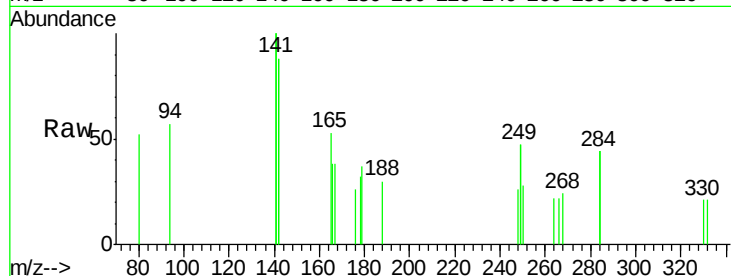
Tgt Ion:166 Resp: 20

Ion Ratio Lower Upper

166 100

165 985.0 82.7 124.1#

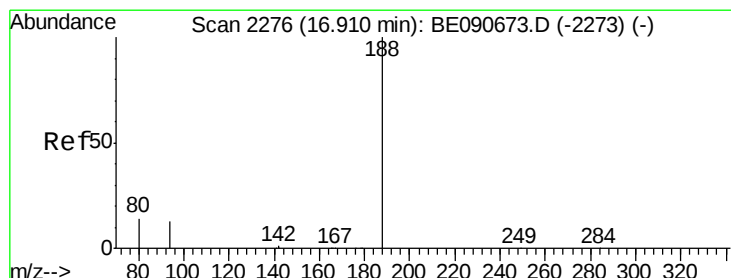
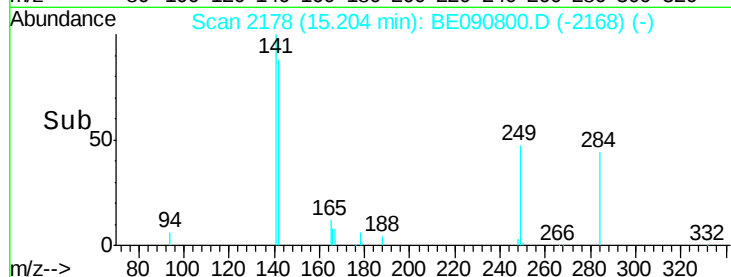
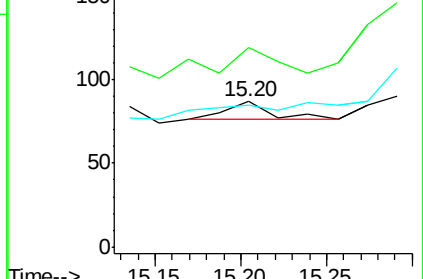
167 0.0 10.7 16.1#



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: 16.94 min Scan# 2278

Delta R.T. 0.03 min

Lab File: BE090800.D

Acq: 14 Sep 2015 15:27

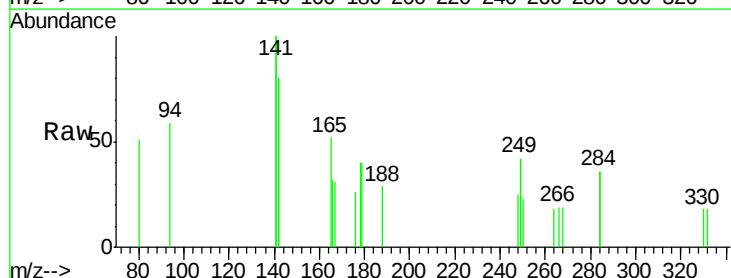
Tgt Ion:188 Resp: 51

Ion Ratio Lower Upper

188 100

94 201.2 10.3 15.5#

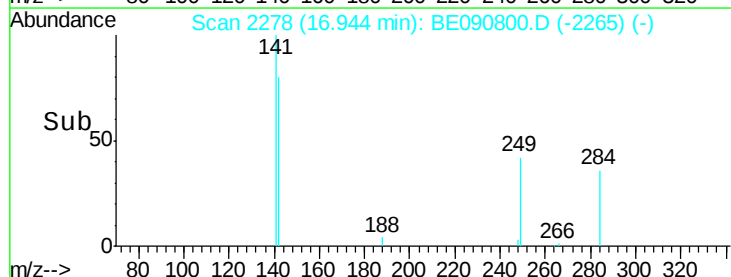
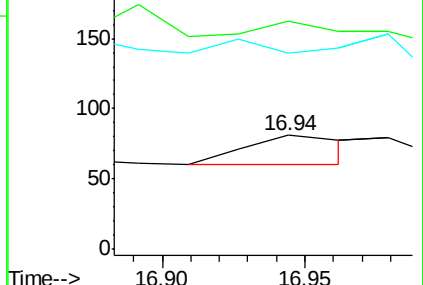
80 172.8 11.0 16.6#

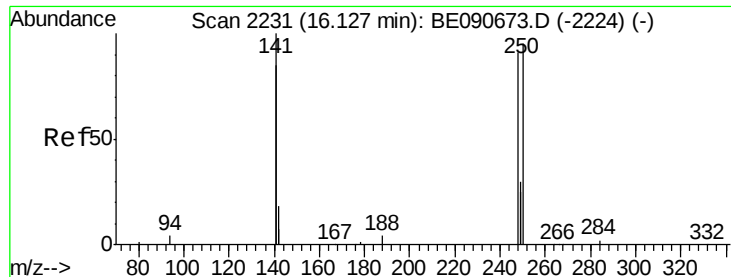


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#19

4-Bromophenyl-phenylether

Concen: 16.68 ng

RT: 16.14 min Scan# 2232

Delta R.T. 0.02 min

Lab File: BE090800.D

Acq: 14 Sep 2015 15:27

Instrument :

BNA_E

ClientSampleId :

091015-D534-F-D-M

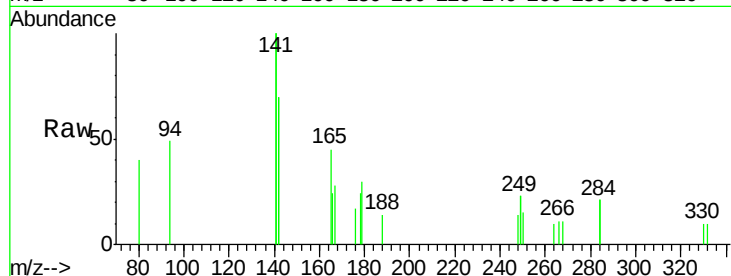
Tgt Ion:248 Resp: 29

Ion Ratio Lower Upper

248 100

250 0.0 76.7 115.1#

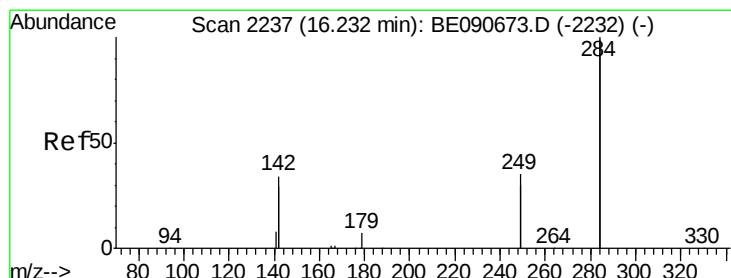
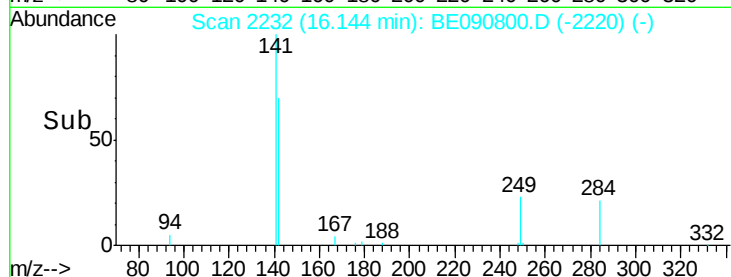
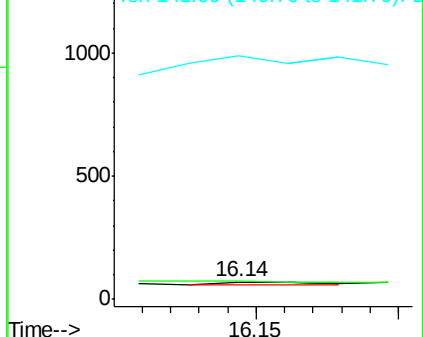
141 3696.6 292.6 439.0#



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: 6.05 ng

RT: 16.27 min Scan# 2239

Delta R.T. 0.03 min

Lab File: BE090800.D

Acq: 14 Sep 2015 15:27

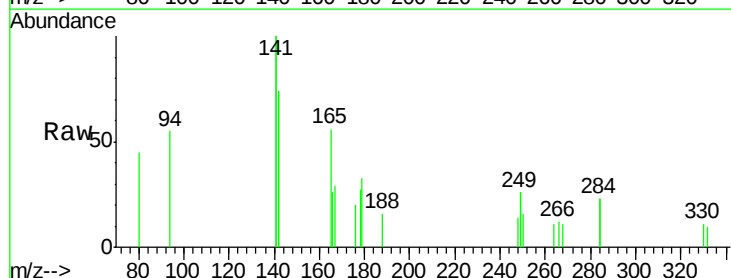
Tgt Ion:284 Resp: 50

Ion Ratio Lower Upper

284 100

142 0.0 35.0 52.4#

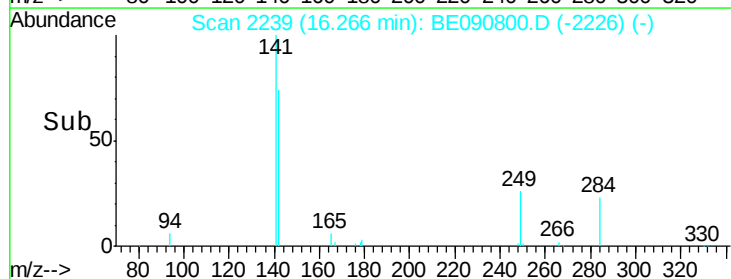
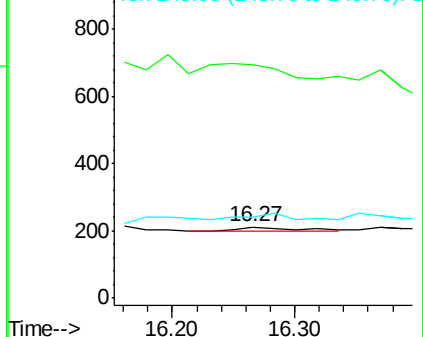
249 128.0 25.5 38.3#

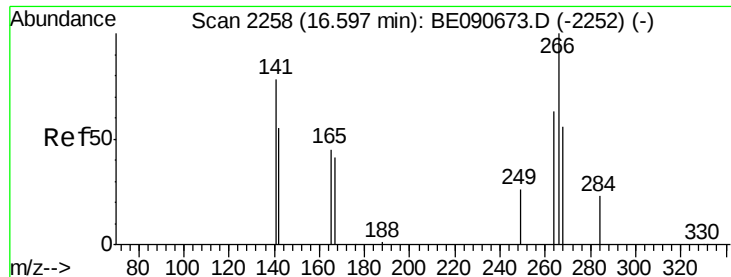


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

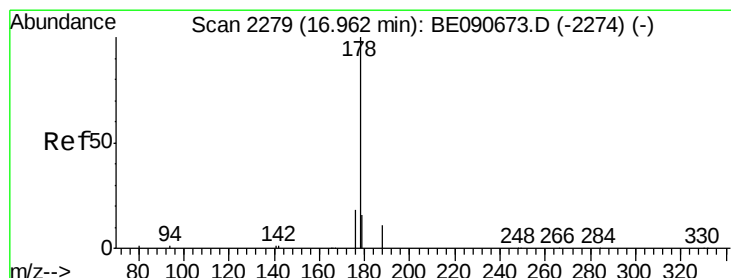
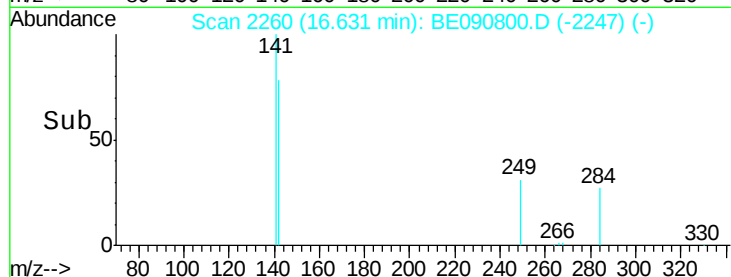
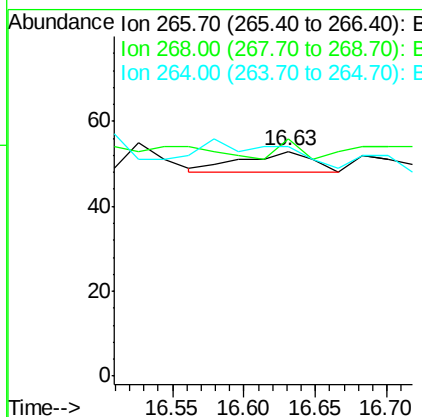
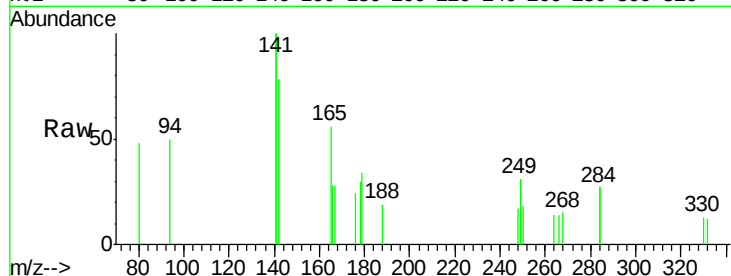




#21
 Pentachlorophenol
 Concen: 23.09 ng
 RT: 16.63 min Scan# 2260
 Delta R.T. 0.03 min
 Lab File: BE090800.D
 Acq: 14 Sep 2015 15:27

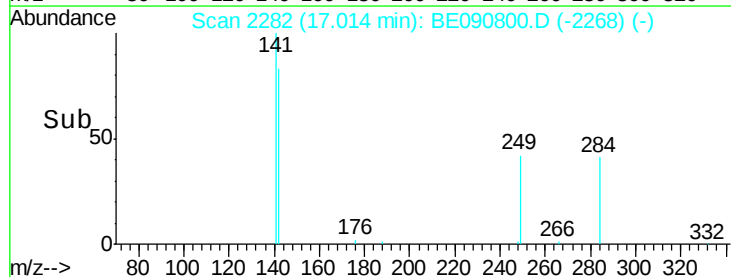
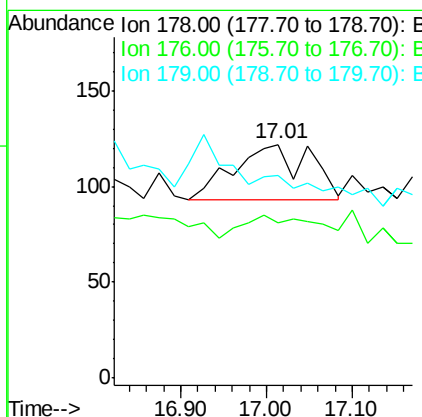
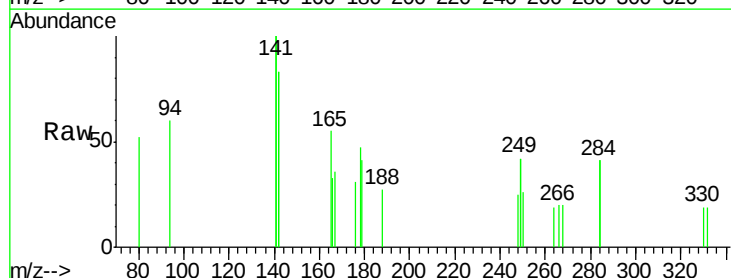
Instrument :
 BNA_E
 ClientSampleId :
 091015-D534-F-D-M

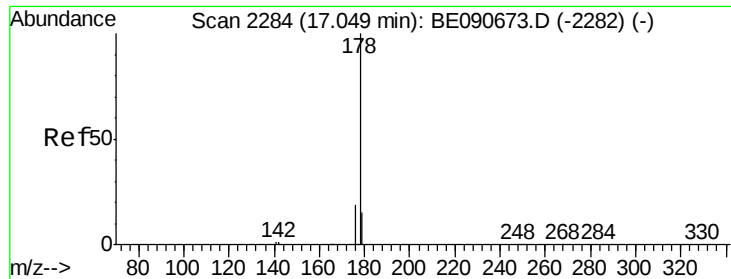
Tgt Ion:266 Resp: 17
 Ion Ratio Lower Upper
 266 100
 268 105.7 49.6 74.4#
 264 101.9 53.9 80.9#



#22
 Phenanthrene
 Concen: 14.10 ng
 RT: 17.01 min Scan# 2282
 Delta R.T. 0.05 min
 Lab File: BE090800.D
 Acq: 14 Sep 2015 15:27

Tgt Ion:178 Resp: 178
 Ion Ratio Lower Upper
 178 100
 176 37.1 15.6 23.4#
 179 0.0 12.8 19.2#





#23

Anthracene

Concen: 16.87 ng

RT: 17.01 min Scan# 2282

Delta R.T. -0.04 min

Lab File: BE090800.D

Acq: 14 Sep 2015 15:27

Instrument :

BNA_E

ClientSampleId :

091015-D534-F-D-M

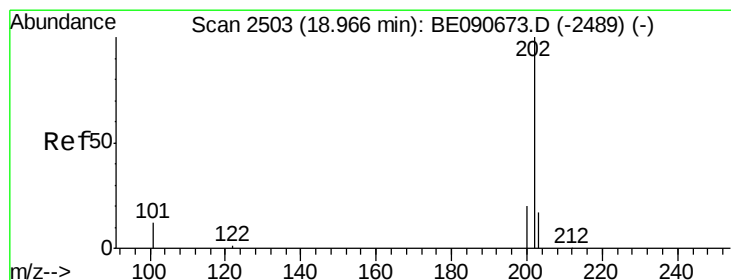
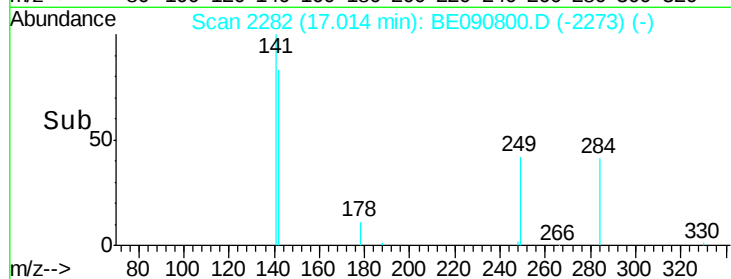
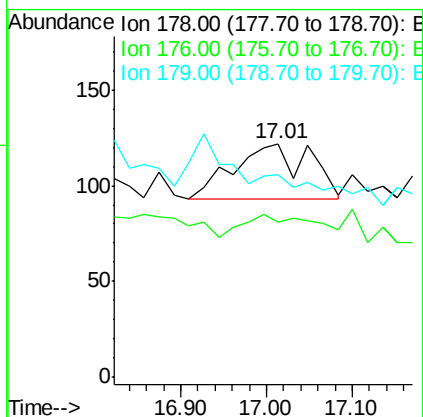
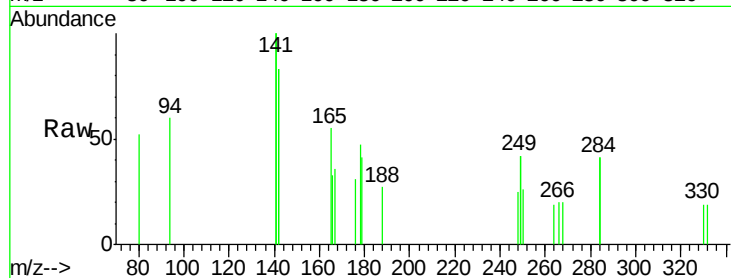
Tgt Ion:178 Resp: 178

Ion Ratio Lower Upper

178 100

176 37.1 15.0 22.6#

179 0.0 12.3 18.5#



#24

Fluoranthene

Concen: 3.76 ng

RT: 19.02 min Scan# 2513

Delta R.T. 0.05 min

Lab File: BE090800.D

Acq: 14 Sep 2015 15:27

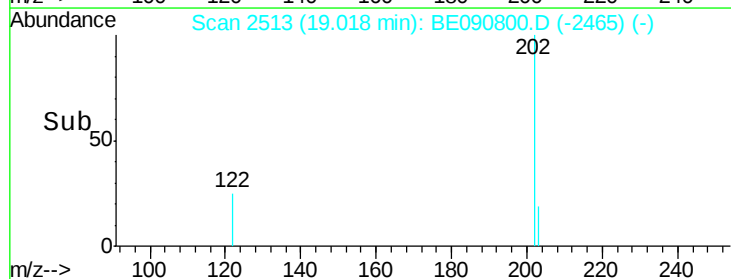
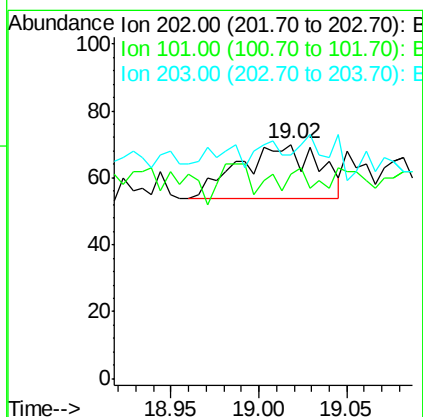
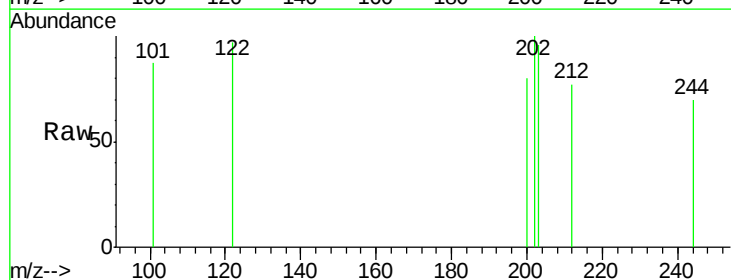
Tgt Ion:202 Resp: 50

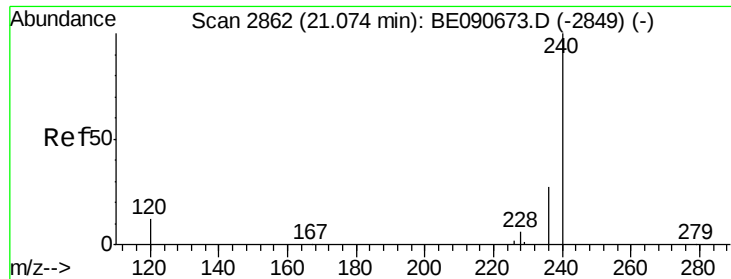
Ion Ratio Lower Upper

202 100

101 12.0 11.0 16.6

203 22.0 13.9 20.9#





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.12 min Scan# 2869

Delta R.T. 0.05 min

Lab File: BE090800.D

Acq: 14 Sep 2015 15:27

Instrument :

BNA_E

ClientSampleId :

091015-D534-F-D-M

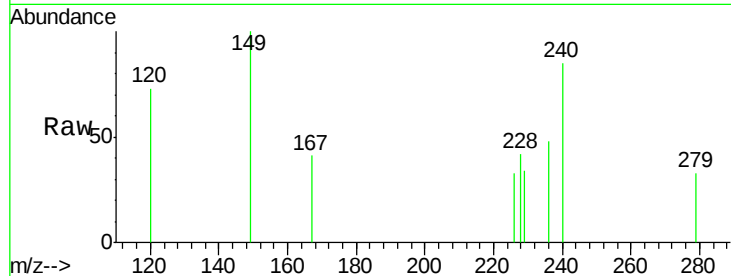
Tgt Ion:240 Resp: 409

Ion Ratio Lower Upper

240 100

120 86.1 10.1 15.1#

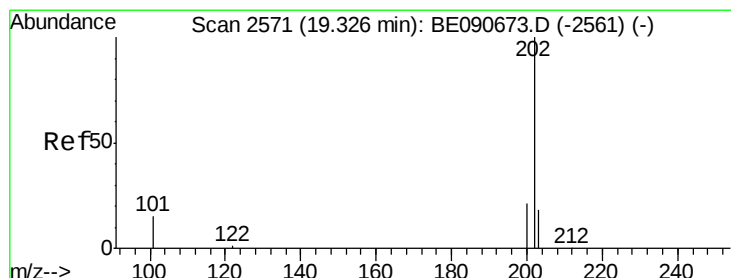
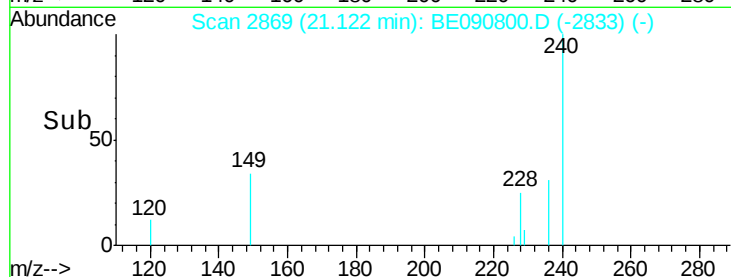
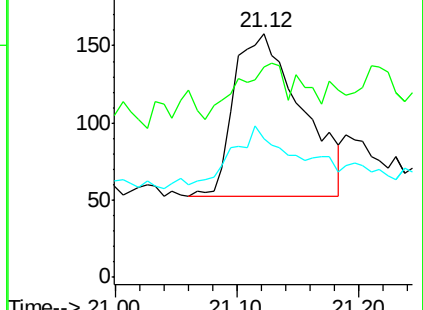
236 57.0 21.9 32.9#



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: 0.63 ng

RT: 19.36 min Scan# 2578

Delta R.T. 0.04 min

Lab File: BE090800.D

Acq: 14 Sep 2015 15:27

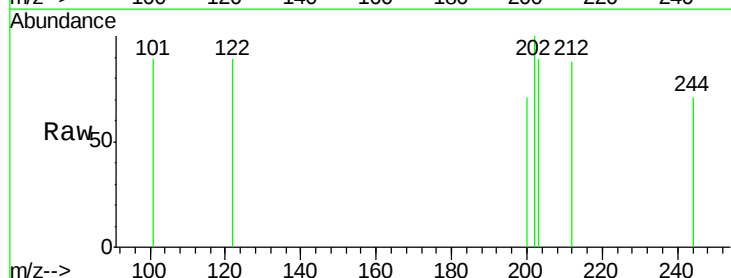
Tgt Ion:202 Resp: 53

Ion Ratio Lower Upper

202 100

200 0.0 16.7 25.1#

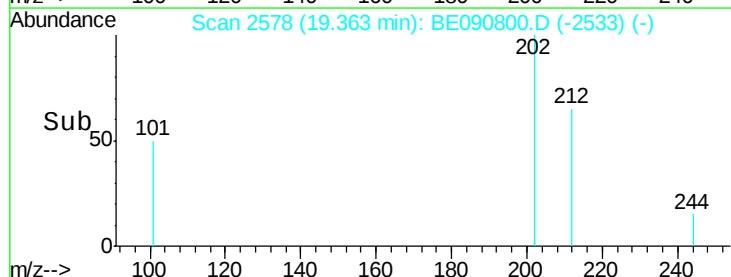
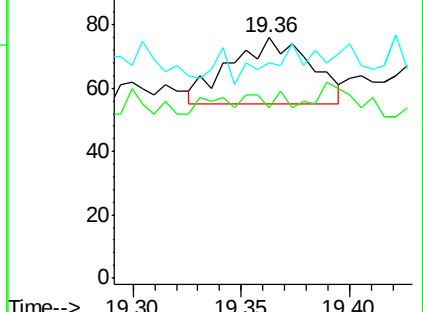
203 9.4 13.8 20.6#

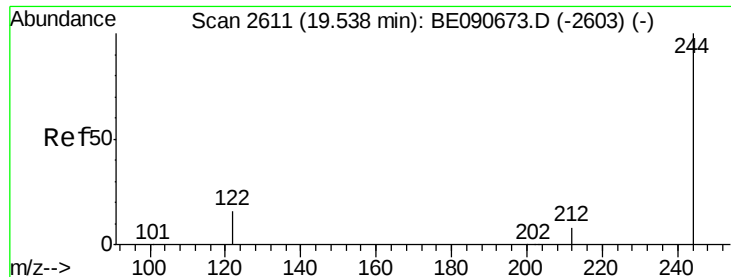


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

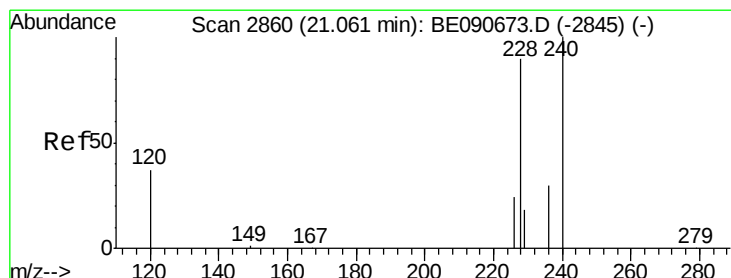
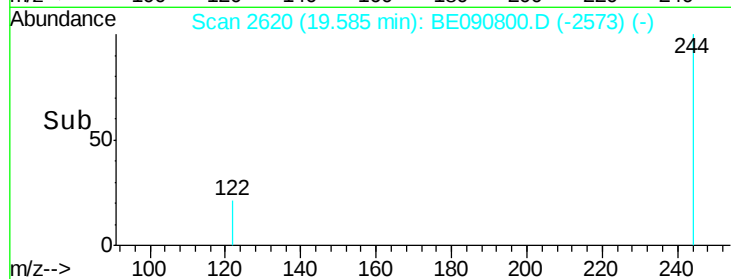
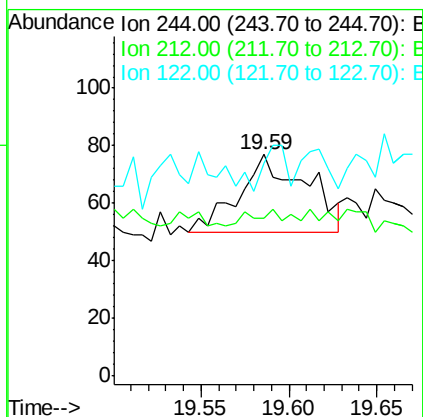
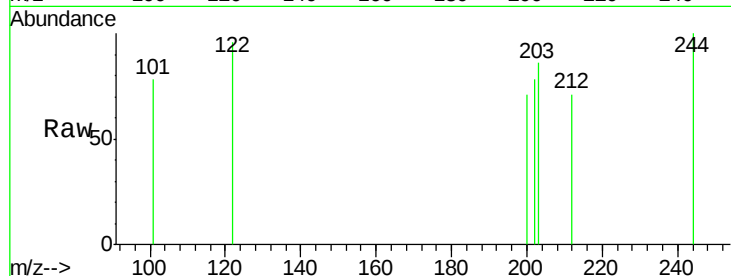




#27
 Terphenyl-d14
 Concen: 1.59 ng
 RT: 19.59 min Scan# 2620
 Delta R.T. 0.05 min
 Lab File: BE090800.D
 Acq: 14 Sep 2015 15:27

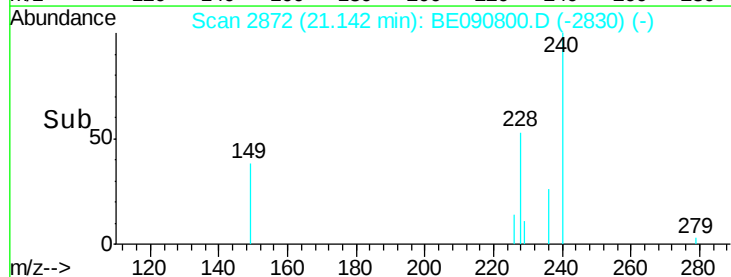
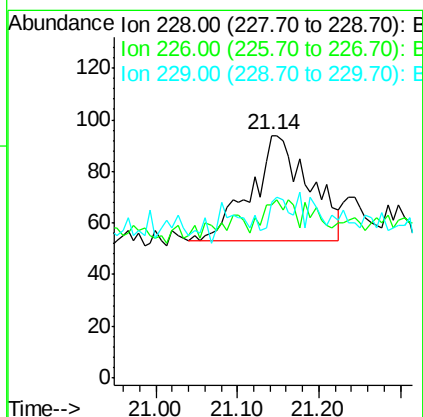
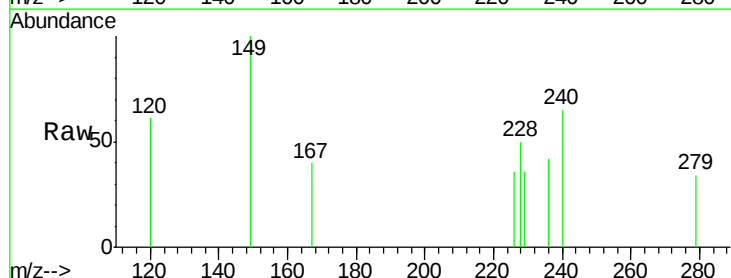
Instrument :
 BNA_E
 ClientSampleId :
 091015-D534-F-D-M

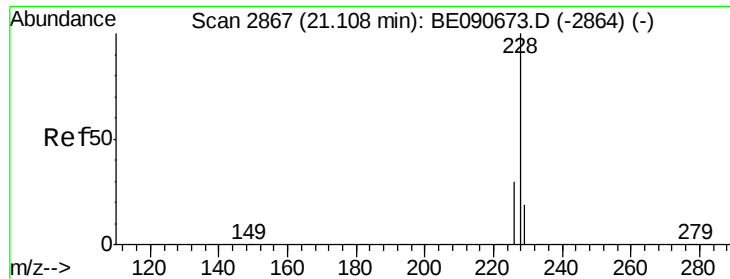
Tgt Ion: 244 Resp: 72
 Ion Ratio Lower Upper
 244 100
 212 71.4 6.9 10.3#
 122 96.1 12.9 19.3#



#28
 Benzo(a)anthracene
 Concen: 2.27 ng
 RT: 21.14 min Scan# 2872
 Delta R.T. 0.08 min
 Lab File: BE090800.D
 Acq: 14 Sep 2015 15:27

Tgt Ion: 228 Resp: 204
 Ion Ratio Lower Upper
 228 100
 226 71.3 21.6 32.4#
 229 72.3 15.9 23.9#





#29

Chrysene

Concen: 2.18 ng

RT: 21.14 min Scan# 2872

Delta R.T. 0.03 min

Lab File: BE090800.D

Acq: 14 Sep 2015 15:27

Instrument :

BNA_E

ClientSampleId :

091015-D534-F-D-M

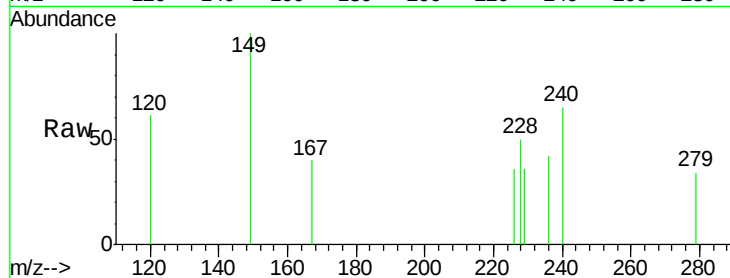
Tgt Ion: 228 Resp: 210

Ion Ratio Lower Upper

228 100

226 71.3 24.2 36.4#

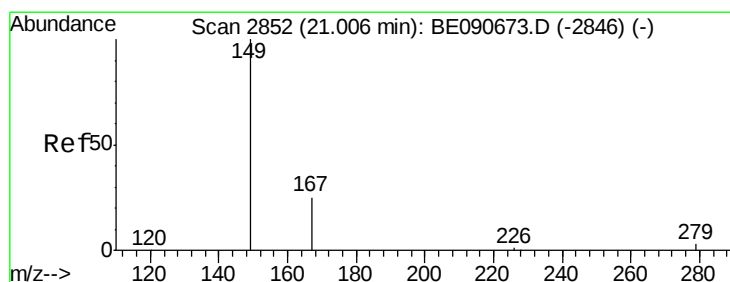
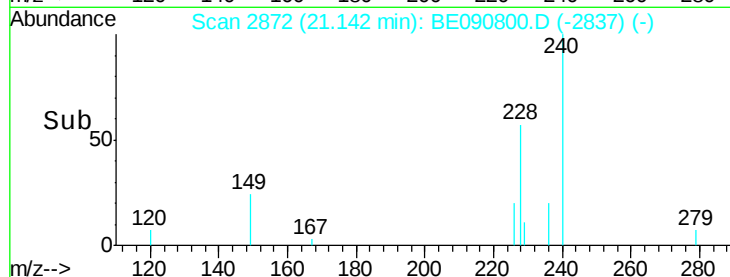
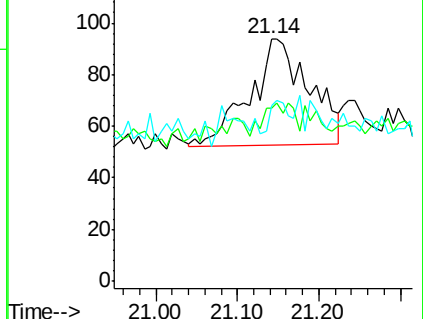
229 72.3 15.3 22.9#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#30

Bis(2-ethylhexyl)phthalate

Concen: 0.91 ng

RT: 21.07 min Scan# 2861

Delta R.T. 0.06 min

Lab File: BE090800.D

Acq: 14 Sep 2015 15:27

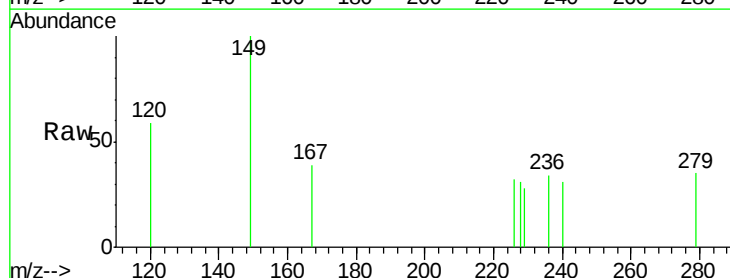
Tgt Ion: 149 Resp: 21

Ion Ratio Lower Upper

149 100

167 0.0 20.1 30.1#

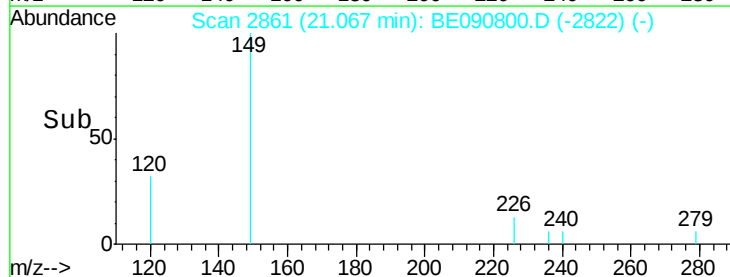
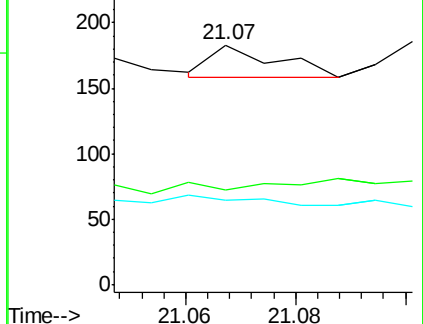
279 33.3 2.3 3.5#

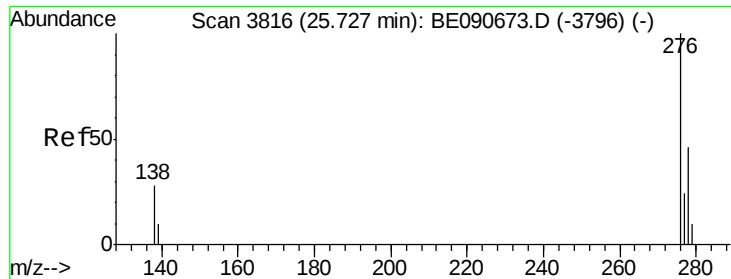


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.04 ng

RT: 25.79 min Scan# 3829

Delta R.T. 0.06 min

Lab File: BE090800.D

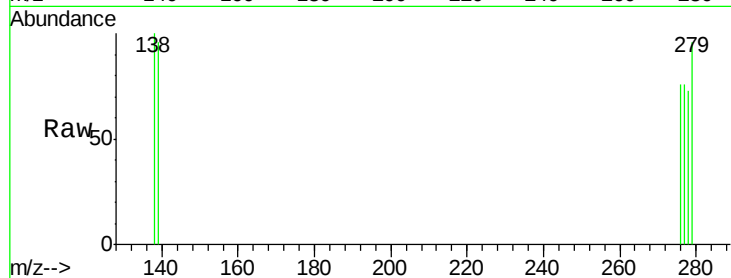
Acq: 14 Sep 2015 15:27

Instrument :

BNA_E

ClientSampleId :

091015-D534-F-D-M



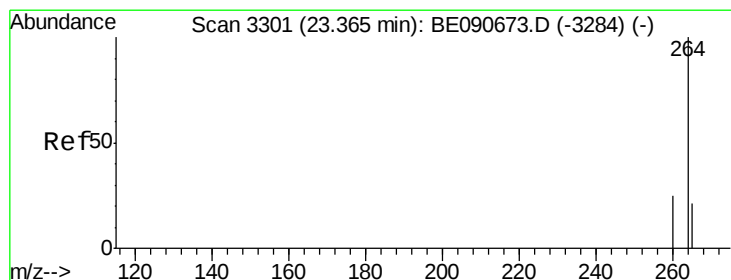
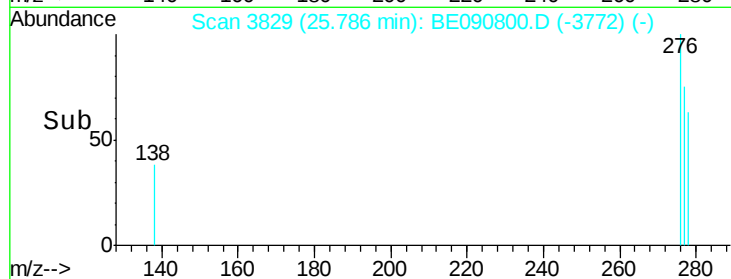
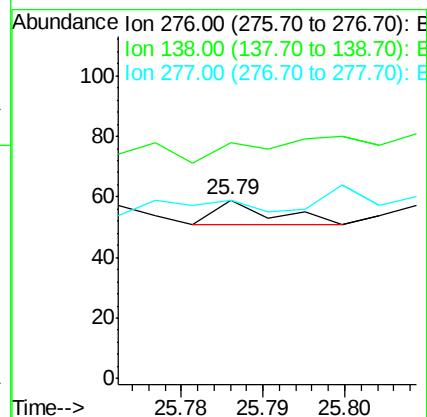
Tgt Ion: 276 Resp: 4

Ion Ratio Lower Upper

276 100

138 0.0 23.3 34.9#

277 0.0 19.8 29.6#



#32

Perylene-d12

Concen: 5.00 ng

RT: 23.43 min Scan# 3316

Delta R.T. 0.07 min

Lab File: BE090800.D

Acq: 14 Sep 2015 15:27

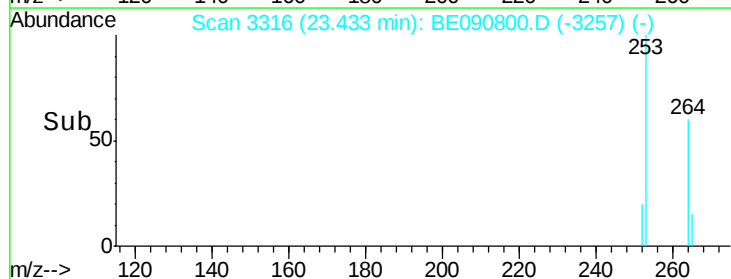
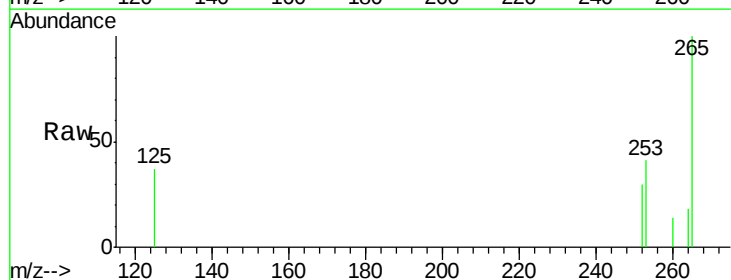
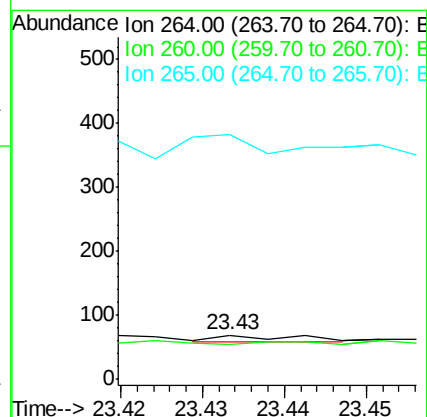
Tgt Ion: 264 Resp: 7

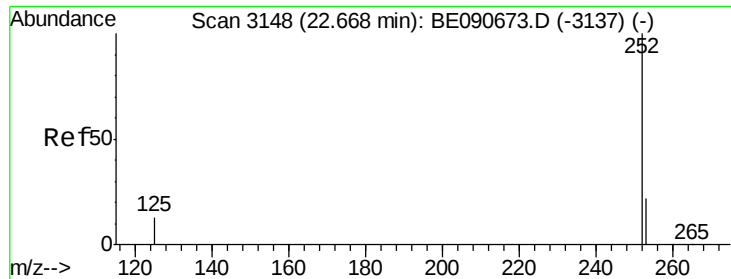
Ion Ratio Lower Upper

264 100

260 79.4 19.7 29.5#

265 561.8 17.5 26.3#





#33

Benzo(b)fluoranthene

Concen: 9.22 ng

RT: 22.75 min Scan# 3165

Delta R.T. 0.08 min

Lab File: BE090800.D

Acq: 14 Sep 2015 15:27

Instrument :

BNA_E

ClientSampleId :

091015-D534-F-D-M

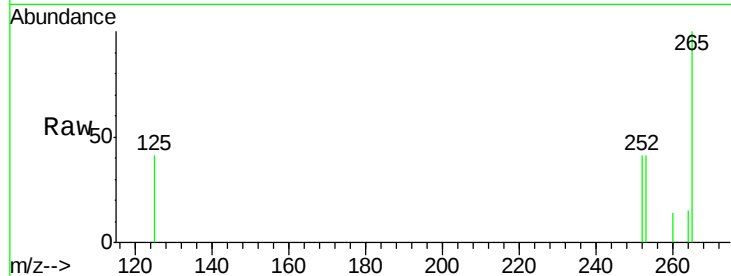
Tgt Ion:252 Resp: 14

Ion Ratio Lower Upper

252 100

253 100.0 17.9 26.9#

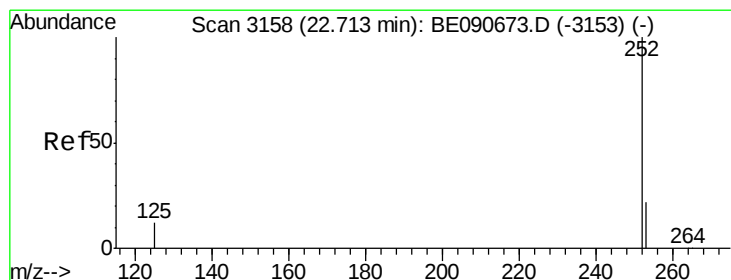
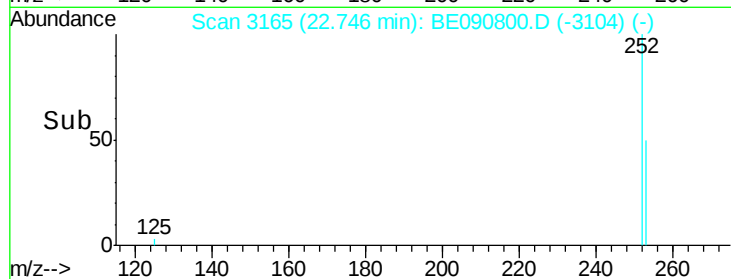
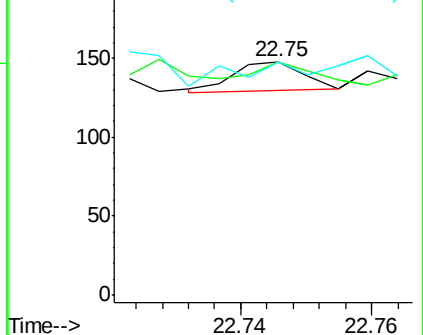
125 100.0 10.6 16.0#



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: 15.84 ng

RT: 22.81 min Scan# 3180

Delta R.T. 0.10 min

Lab File: BE090800.D

Acq: 14 Sep 2015 15:27

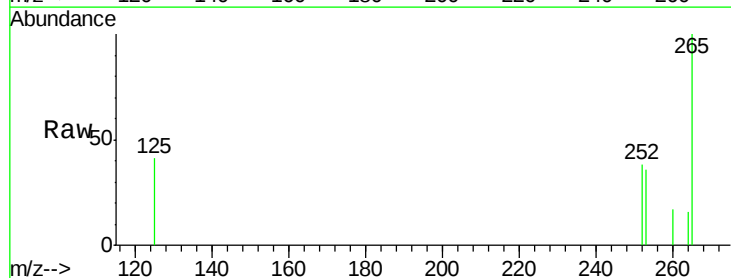
Tgt Ion:252 Resp: 28

Ion Ratio Lower Upper

252 100

253 93.3 17.9 26.9#

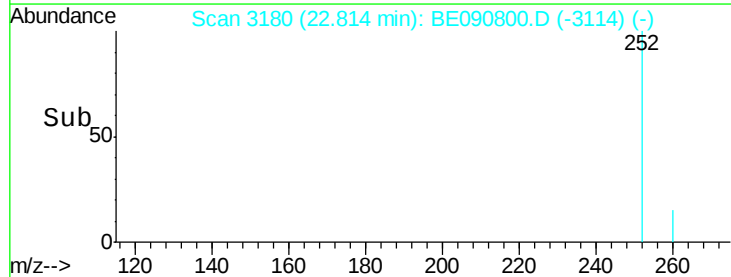
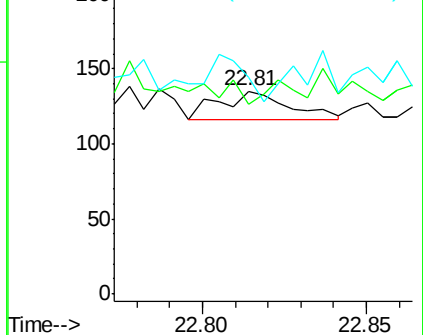
125 106.7 10.1 15.1#

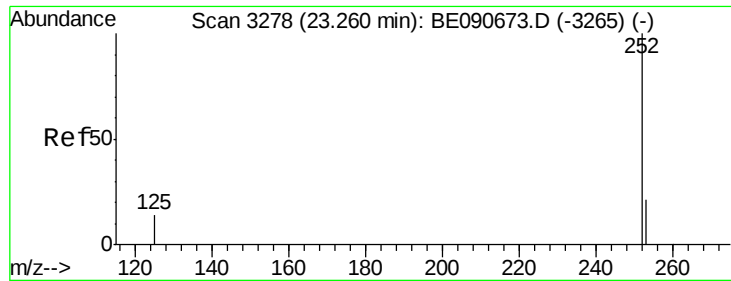


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Benzo(a)pyrene

Concen: 13.26 ng

RT: 23.32 min Scan# 3291

Delta R.T. 0.06 min

Lab File: BE090800.D

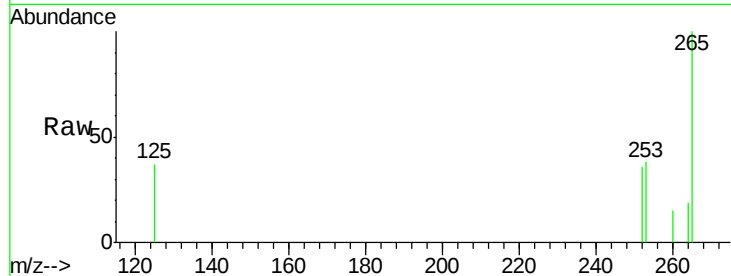
Acq: 14 Sep 2015 15:27

Instrument :

BNA_E

ClientSampleId :

091015-D534-F-D-M



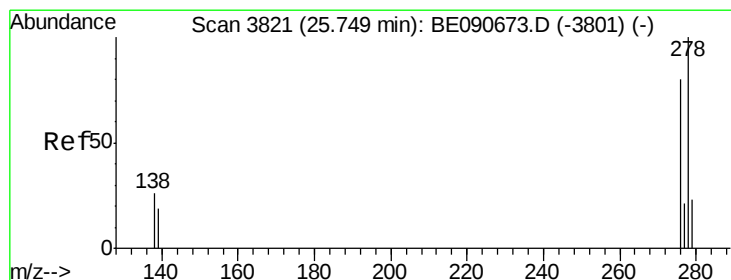
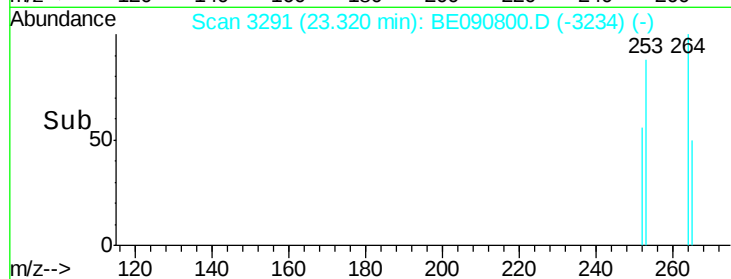
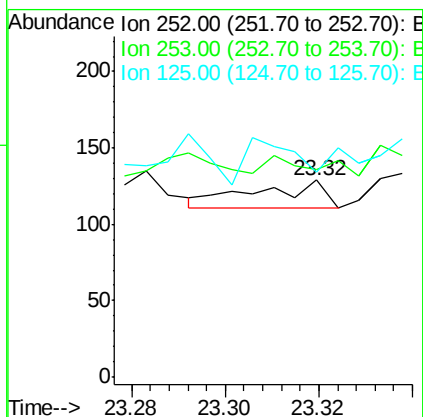
Tgt Ion: 252 Resp: 18

Ion Ratio Lower Upper

252 100

253 105.4 17.5 26.3#

125 103.9 11.6 17.4#



#36

Dibenzo(a,h)anthracene

Concen: 1.31 ng

RT: 25.81 min Scan# 3835

Delta R.T. 0.06 min

Lab File: BE090800.D

Acq: 14 Sep 2015 15:27

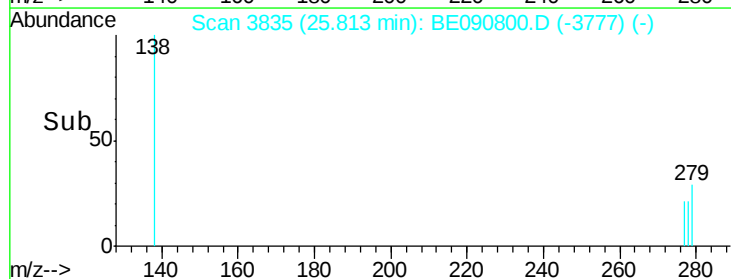
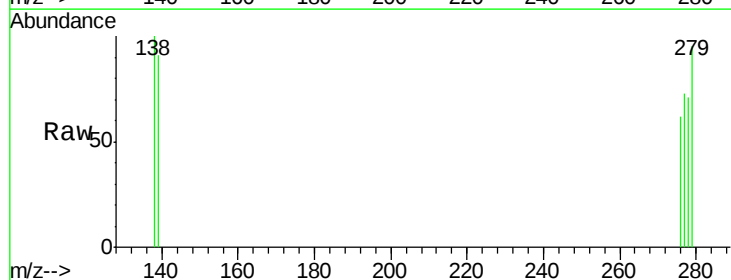
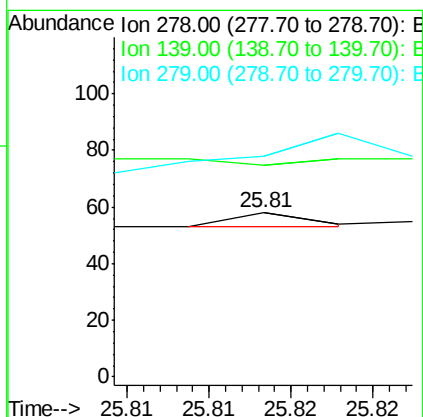
Tgt Ion: 278 Resp: 2

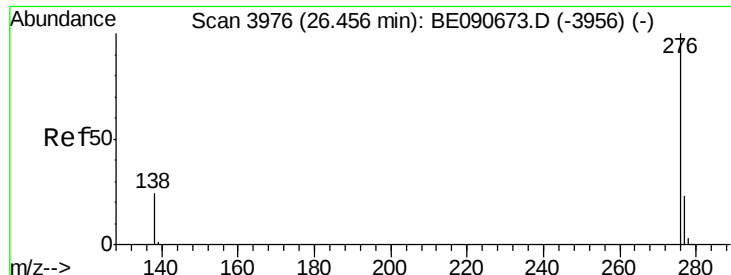
Ion Ratio Lower Upper

278 100

139 129.3 15.4 23.0#

279 134.5 18.8 28.2#





#37

Benzo(g,h,i)perylene

Concen: 0.64 ng

RT: 26.54 min Scan# 3994

Delta R.T. 0.08 min

Lab File: BE090800.D

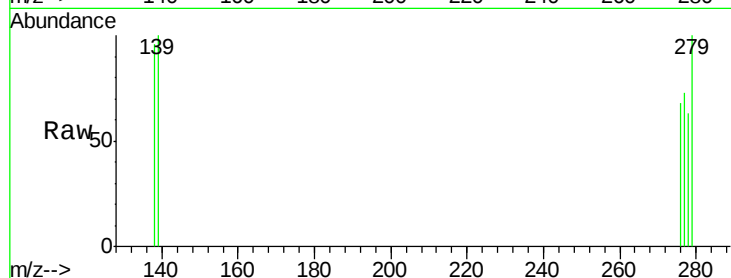
Acq: 14 Sep 2015 15:27

Instrument :

BNA_E

ClientSampleId :

091015-D534-F-D-M



Tgt Ion: 276 Resp: 1

Ion Ratio Lower Upper

276 100

277 107.5 18.5 27.7#

138 141.5 20.1 30.1#

