

Data Path : Z:\HPCHEM1\BNA E\DATA\BE091815\
 Data File : BE090900.D
 Acq On : 19 Sep 2015 7:29
 Operator : UM/IZ
 Sample : G3722-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 091615-W004-F-D-M

Quant Time: Sep 21 02:29:35 2015
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE091815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 18 18:17:34 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	25015	5.00	ng	0.00
7) Naphthalene-d8	10.31	136	106309	5.00	ng	0.00
13) Acenaphthene-d10	14.17	164	57231	5.00	ng	0.00
19) Phenanthrene-d10	16.91	188	138924	5.00	ng	0.00
26) Chrysene-d12	21.07	240	181270	5.00	ng	0.00
33) Perylene-d12	23.35	264	175218	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	15903	2.81	ng	0.00
5) Phenol-d6	6.77	99	12022	1.54	ng	0.02
8) Nitrobenzene-d5	8.71	82	25275	3.45	ng	0.00
14) 2,4,6-Tribromophenol	15.67	330	14345	7.10	ng	-0.02
15) 2-Fluorobiphenyl	12.80	172	56800	3.50	ng	0.00
28) Terphenyl-d14	19.53	244	103752	5.06	ng	0.00

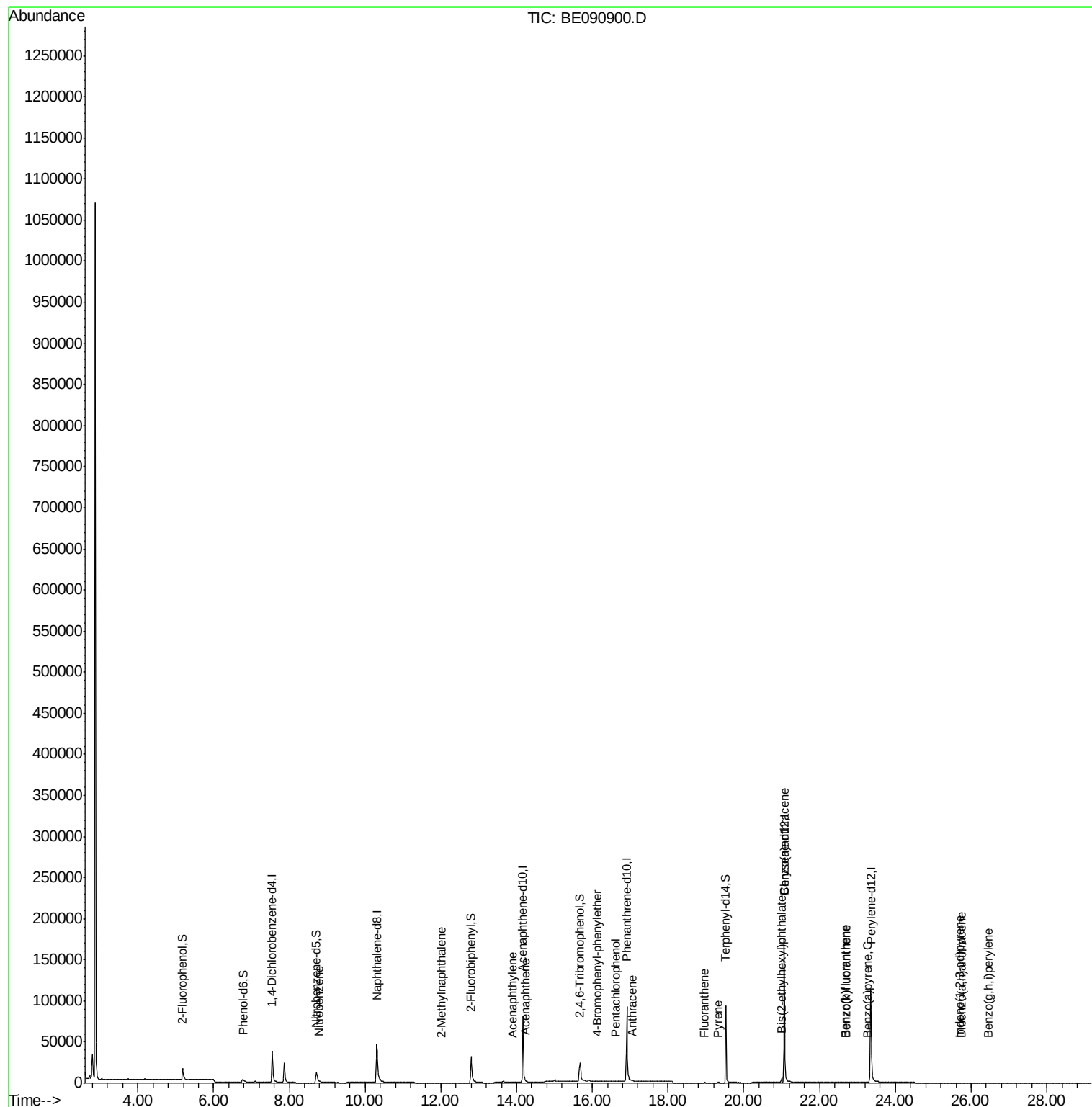
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.21	88	21	Below Cal	#	1
3) n-Nitrosodimethylamine	3.44	42	47	Below Cal	#	11
6) bis(2-Chloroethyl)ether	6.91	93	34	Below Cal	#	28
9) Nitrobenzene	8.78	77	6	0.00 ng	#	1
10) Naphthalene	10.36	128	242	Below Cal	#	1
11) Hexachlorobutadiene	10.65	225	11	Below Cal	#	71
12) 2-Methylnaphthalene	12.00	142	286	0.02 ng	#	78
16) Acenaphthylene	13.89	152	204	0.00 ng	#	71
17) Acenaphthene	14.23	154	70	0.00 ng	#	36
18) Fluorene	15.22	166	133	Below Cal	#	95
20) 4-Bromophenyl-phenylether	16.13	248	35	0.01 ng	#	1
21) Hexachlorobenzene	16.23	284	81	Below Cal	#	1
22) Pentachlorophenol	16.61	266	48	0.20 ng	#	71
23) Phenanthrene	16.94	178	684	Below Cal	#	83
24) Anthracene	17.05	178	188	0.01 ng	#	80
25) Fluoranthene	18.96	202	313	0.01 ng	#	81
27) Pyrene	19.32	202	388	0.01 ng	#	90
29) Benzo(a)anthracene	21.07	228	707	0.02 ng	#	78
30) Chrysene	21.10	228	375	Below Cal	#	61
31) Bis(2-ethylhexyl)phthalate	21.00	149	5786	0.44 ng		100
32) Indeno(1,2,3-cd)pyrene	25.69	276	7	0.00 ng	#	1
34) Benzo(b)fluoranthene	22.67	252	235	0.01 ng	#	1
35) Benzo(k)fluoranthene	22.71	252	167	0.00 ng	#	1
36) Benzo(a)pyrene	23.25	252	139	0.00 ng	#	1
37) Dibenzo(a,h)anthracene	25.74	278	21	0.00 ng	#	1
38) Benzo(g,h,i)perylene	26.46	276	87	0.00 ng	#	1

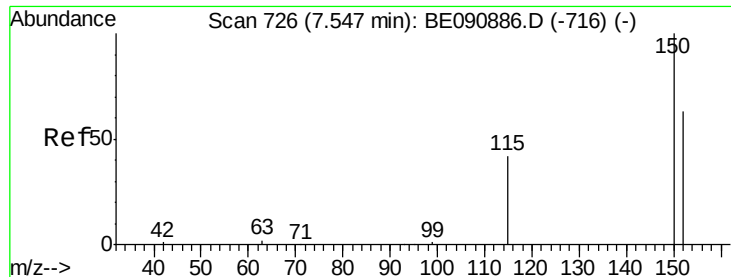
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.55 min Scan# 726

Delta R.T. -0.00 min

Lab File: BE090900.D

Acq: 19 Sep 2015 7:29

Instrument :

BNA_E

ClientSampleId :

091615-W004-F-D-M

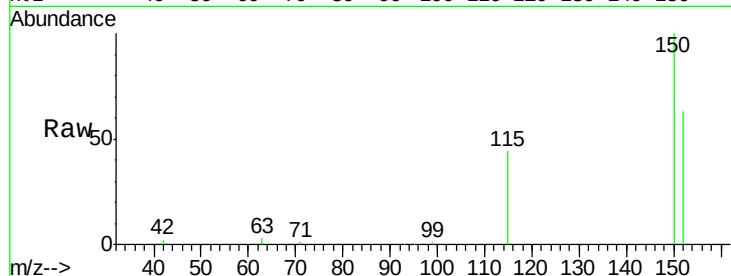
Tot Ion:152 Resp: 25015

Ion Ratio Lower Upper

152 100

150 159.4 122.2 183.4

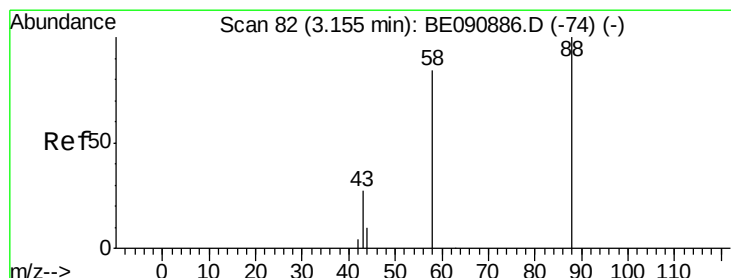
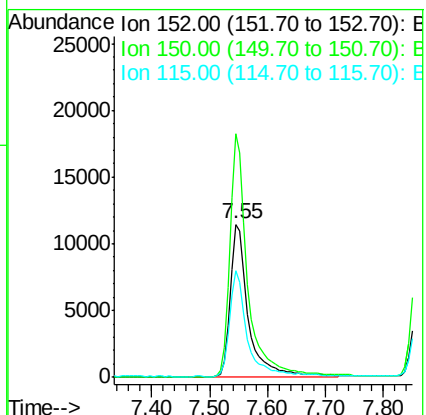
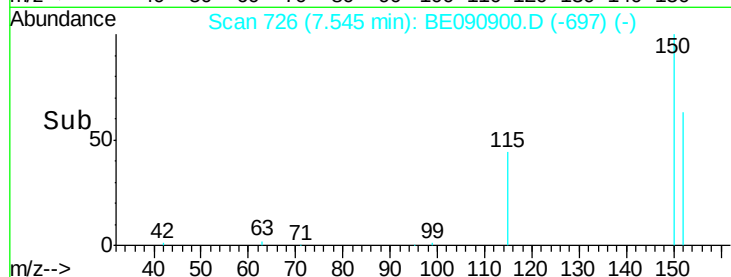
115 69.9 51.0 76.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: Below Cal

RT: 3.21 min Scan# 90

Delta R.T. 0.06 min

Lab File: BE090900.D

Acq: 19 Sep 2015 7:29

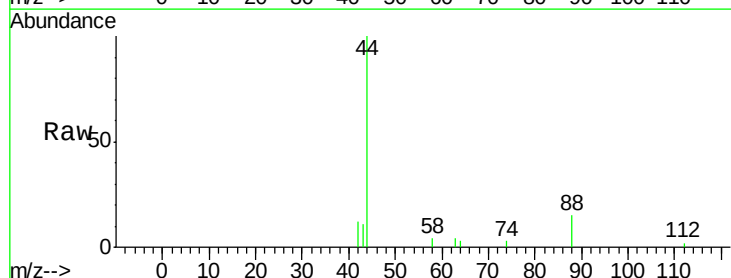
Tgt Ion: 88 Resp: 21

Ion Ratio Lower Upper

88 100

58 0.0 68.4 102.6#

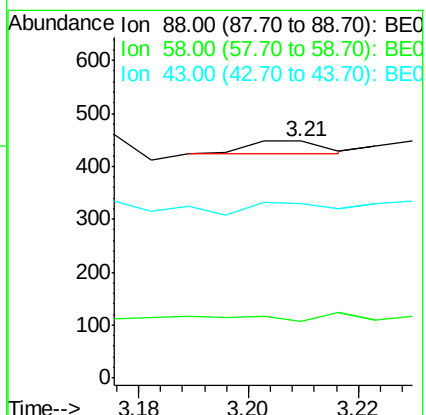
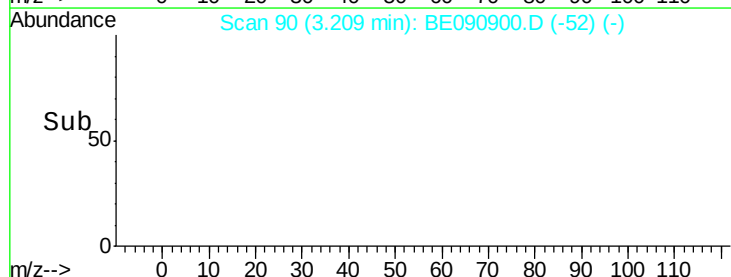
43 109.5 26.9 40.3#

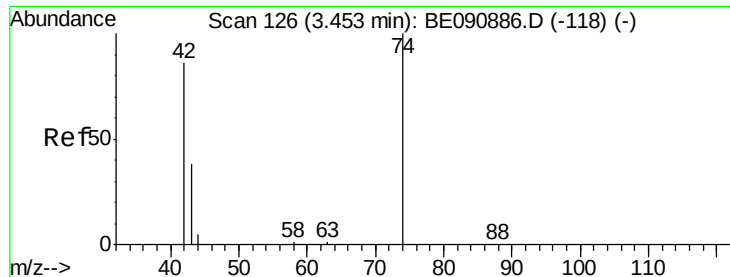


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



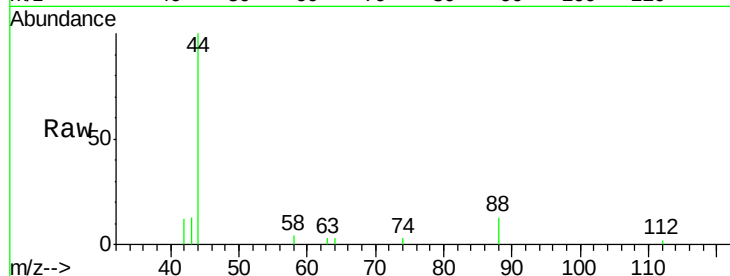


#3

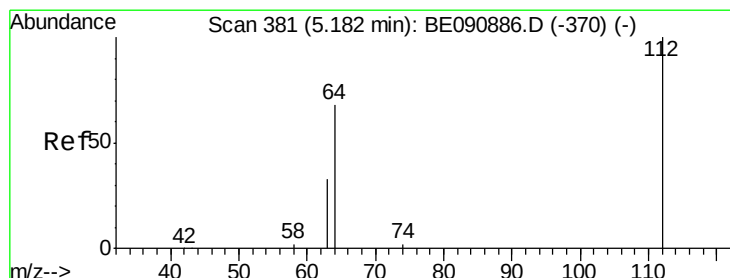
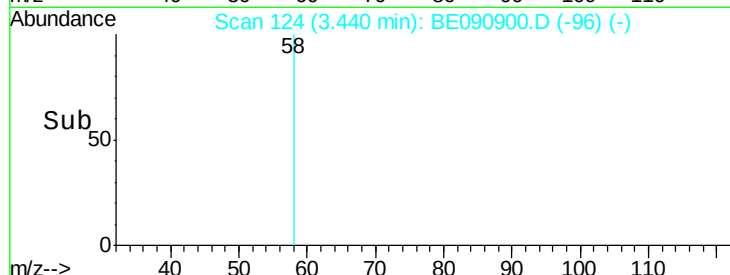
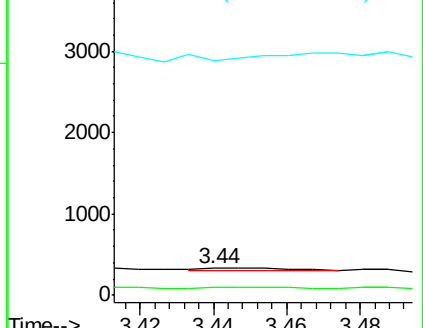
n-Nitrosodimethylamine
 Concen: Below Cal
 RT: 3.44 min Scan# 124
 Delta R.T. -0.01 min
 Lab File: BE090900.D
 Acq: 19 Sep 2015 7:29

Instrument :
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 091615-W004-F-D-M

Tot Ion	42	Resp	47
Ion Ratio	Lower	Upper	
42	100		
74	25.5	83.7	125.5#
44	85.1	10.0	15.0#



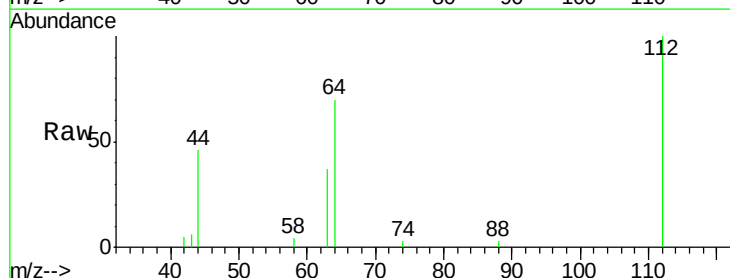
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



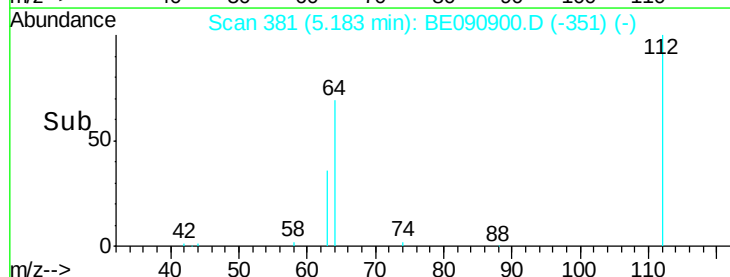
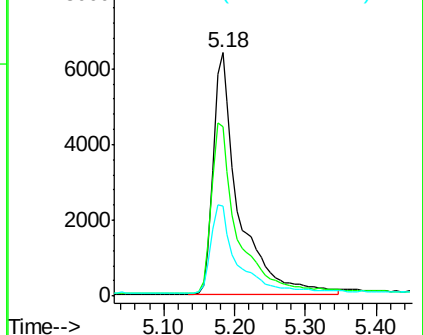
#4

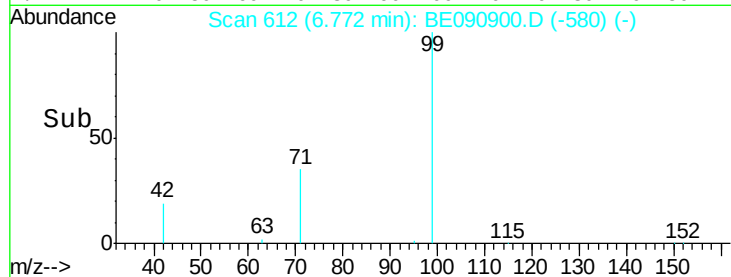
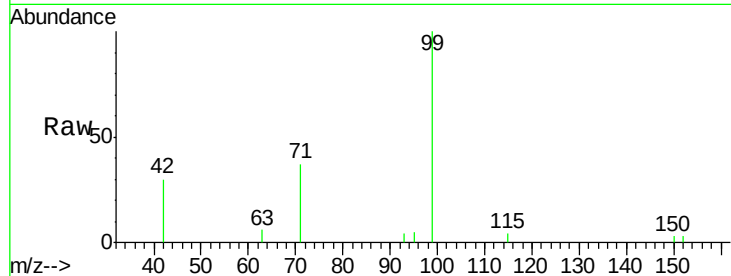
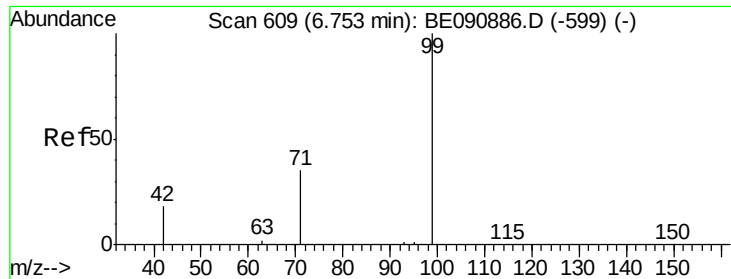
2-Fluorophenol
 Concen: 2.81 ng
 RT: 5.18 min Scan# 381
 Delta R.T. 0.00 min
 Lab File: BE090900.D
 Acq: 19 Sep 2015 7:29

Tgt Ion	112	Resp	15903
Ion Ratio	Lower	Upper	
112	100		
64	72.4	57.3	85.9
63	37.7	29.2	43.8



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





#5

Phenol-d6

Concen: 1.54 ng

RT: 6.77 min Scan# 612

Delta R.T. 0.02 min

Lab File: BE090900.D

Acq: 19 Sep 2015 7:29

Instrument :

BNA_E

ClientSampleId :

091615-W004-F-D-M

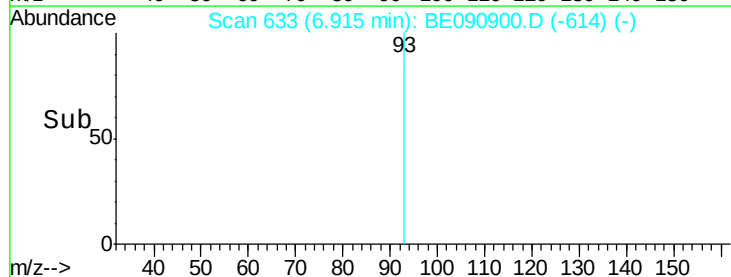
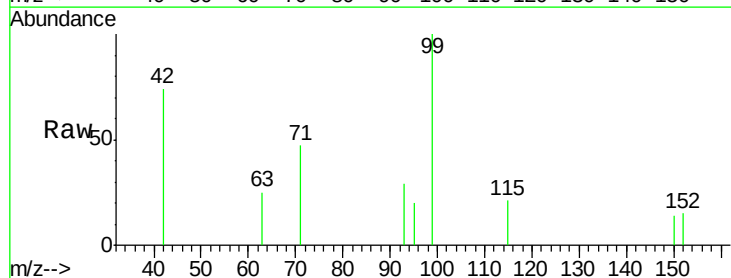
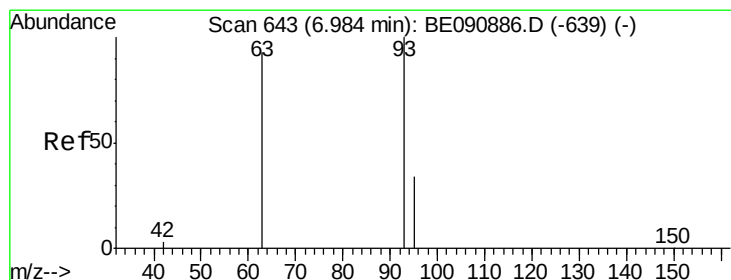
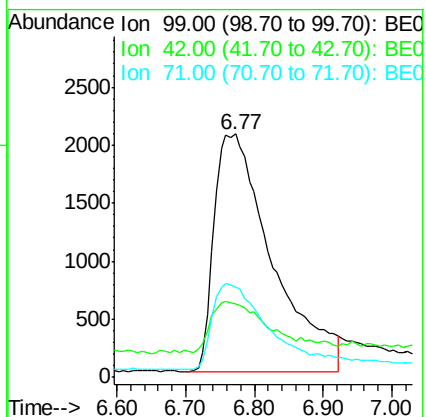
Tot Ion: 99 Resp: 12022

Ion Ratio Lower Upper

99 100

42 23.1 16.8 25.2

71 35.8 28.3 42.5



#6

bis(2-Chloroethyl)ether

Concen: Below Cal

RT: 6.91 min Scan# 633

Delta R.T. -0.07 min

Lab File: BE090900.D

Acq: 19 Sep 2015 7:29

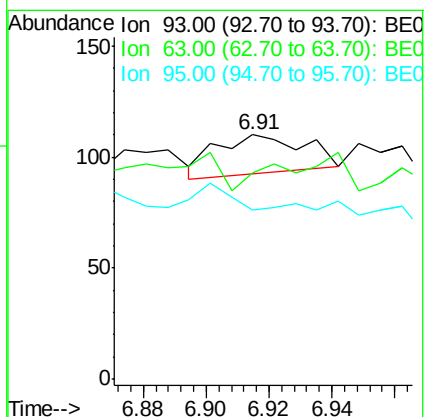
Tgt Ion: 93 Resp: 34

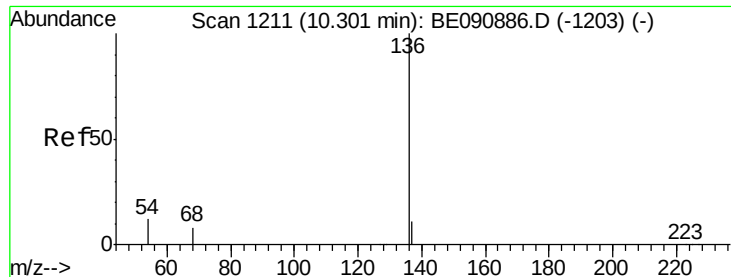
Ion Ratio Lower Upper

93 100

63 0.0 68.5 102.7#

95 23.5 26.9 40.3#





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.31 min Scan# 1212

Delta R.T. 0.01 min

Lab File: BE090900.D

Acq: 19 Sep 2015 7:29

Instrument :

BNA_E

ClientSampleId :

091615-W004-F-D-M

Tot Ion:136 Resp: 106309

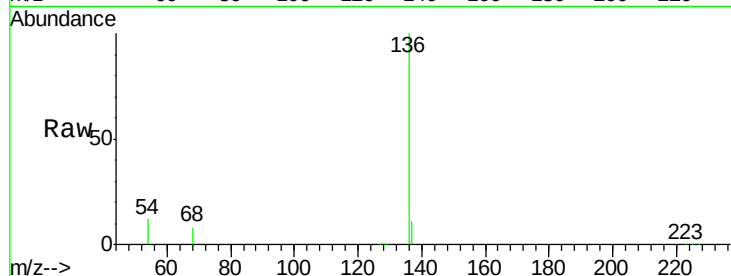
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 11.6 9.0 13.6

68 8.2 6.3 9.5

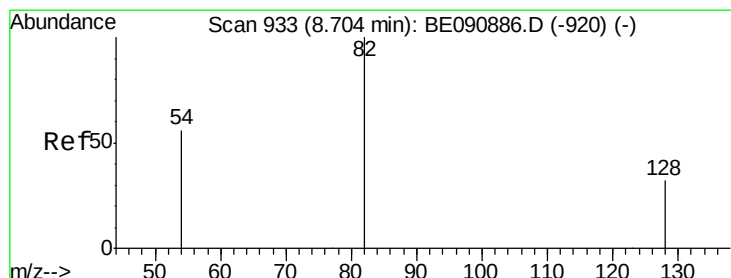
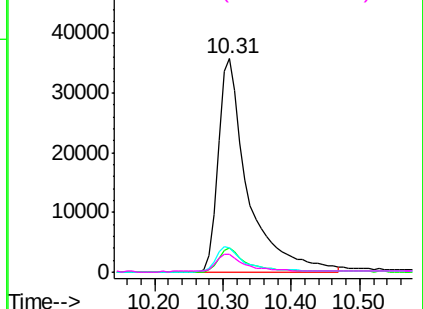
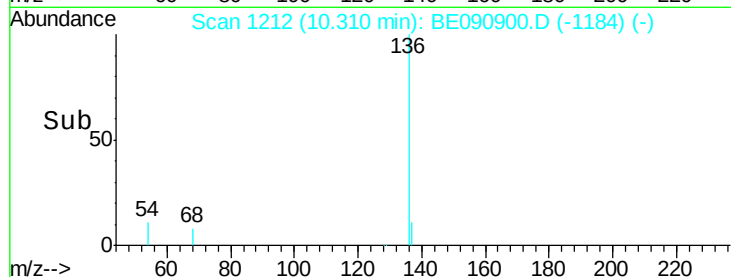


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 3.45 ng

RT: 8.71 min Scan# 935

Delta R.T. 0.01 min

Lab File: BE090900.D

Acq: 19 Sep 2015 7:29

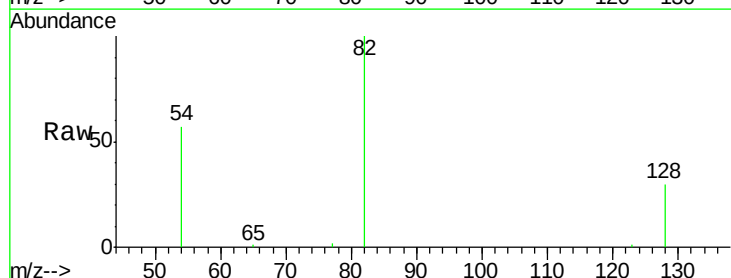
Tgt Ion: 82 Resp: 25275

Ion Ratio Lower Upper

82 100

128 29.9 25.0 37.4

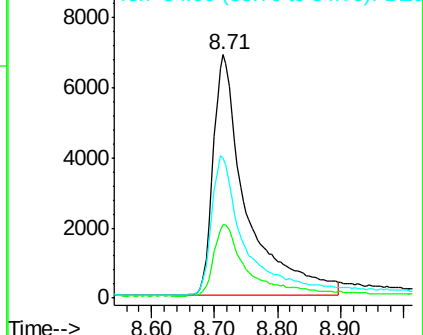
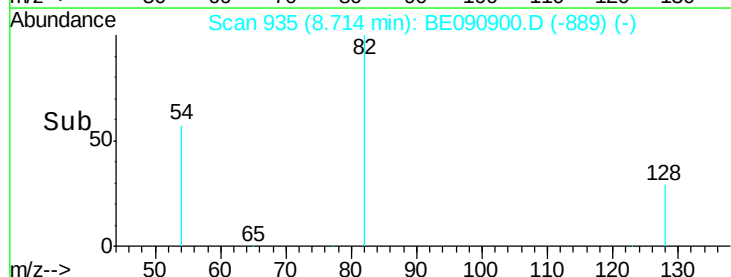
54 57.4 46.3 69.5

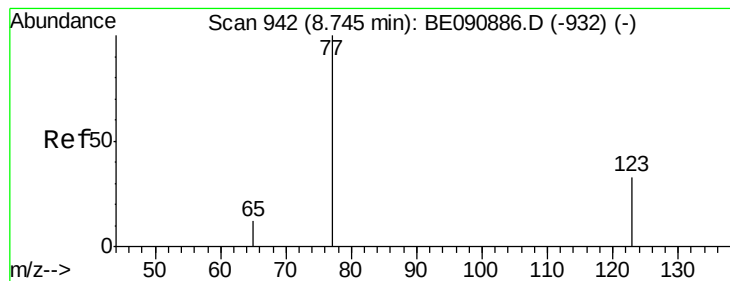


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Nitrobenzene

Concen: 0.00 ng

RT: 8.78 min Scan# 950

Delta R.T. 0.04 min

Lab File: BE090900.D

Acq: 19 Sep 2015 7:29

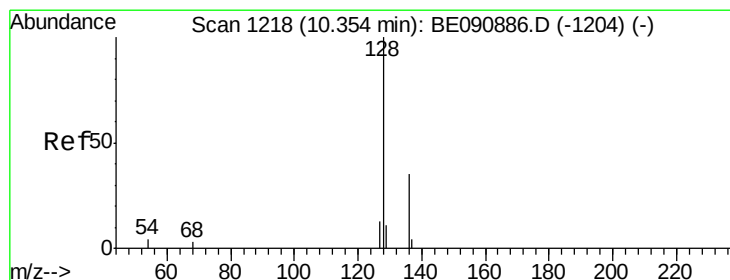
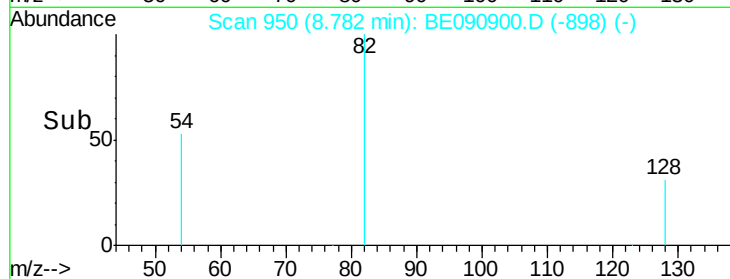
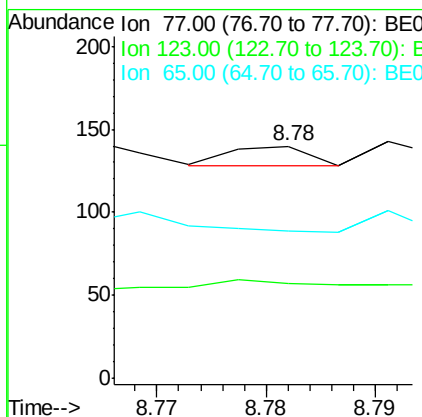
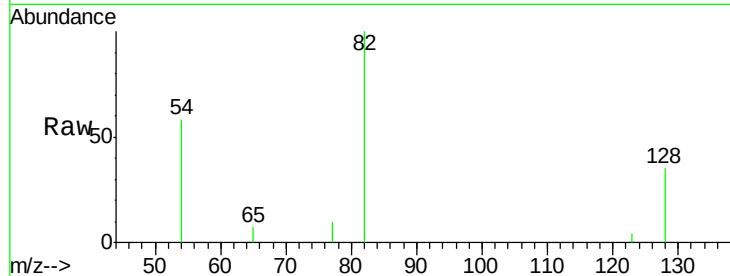
Instrument :

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Tot Ion:	77	Resp:	6
Ion	Ratio	Lower	Upper
77	100		
123	66.7	25.1	37.7#
65	216.7	9.9	14.9#



#10

Naphthalene

Concen: Below Cal

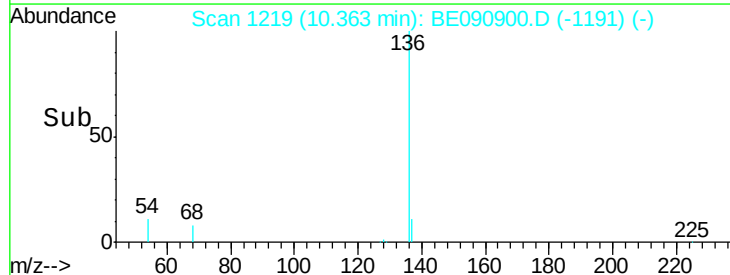
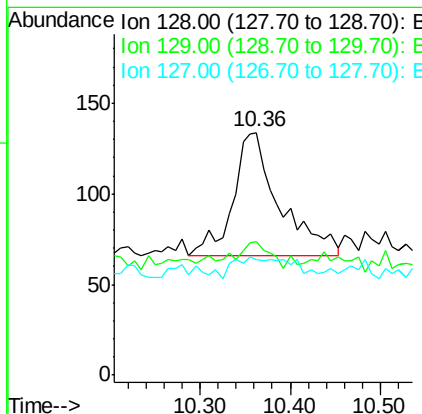
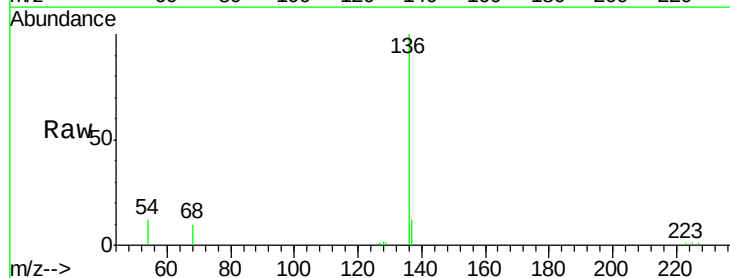
RT: 10.36 min Scan# 1219

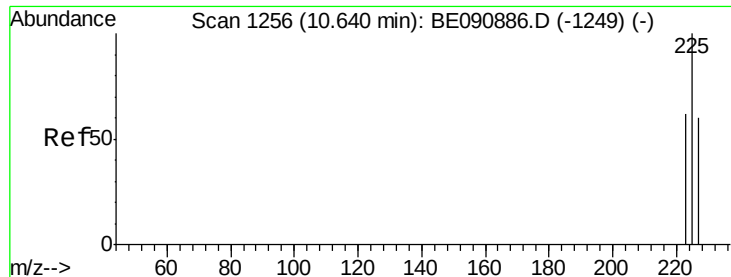
Delta R.T. 0.01 min

Lab File: BE090900.D

Acq: 19 Sep 2015 7:29

Tgt Ion:	128	Resp:	242
Ion	Ratio	Lower	Upper
128	100		
129	55.2	8.4	12.6#
127	47.8	9.9	14.9#





#11

Hexachlorobutadiene

Concen: Below Cal

RT: 10.65 min Scan# 1257

Delta R.T. 0.01 min

Lab File: BE090900.D

Acq: 19 Sep 2015 7:29

Instrument :

BNA_E

ClientSampleId :

091615-W004-F-D-M

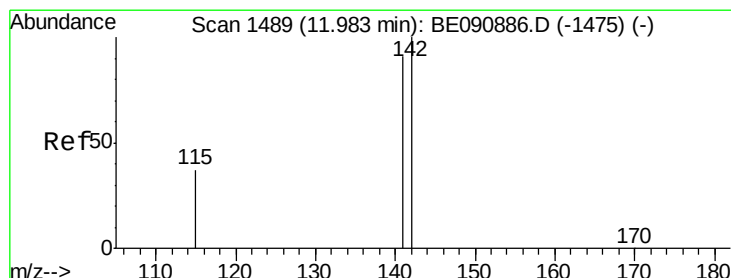
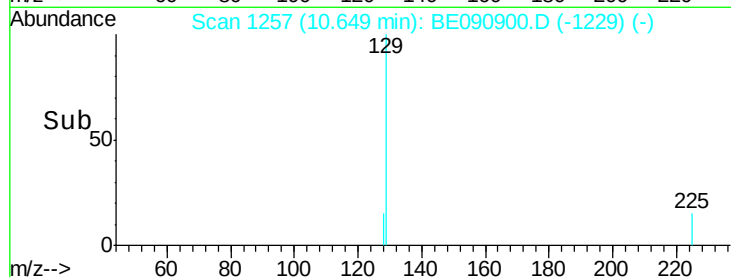
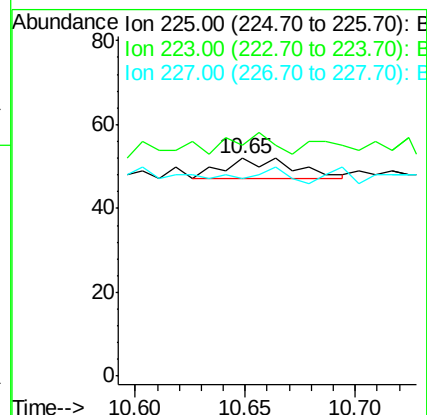
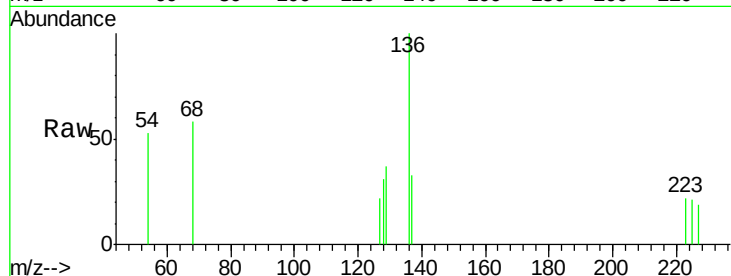
Tot Ion:225 Resp: 11

Ion Ratio Lower Upper

225 100

223 54.5 50.6 76.0

227 27.3 51.0 76.6#



#12

2-Methylnaphthalene

Concen: 0.02 ng

RT: 12.00 min Scan# 1493

Delta R.T. 0.02 min

Lab File: BE090900.D

Acq: 19 Sep 2015 7:29

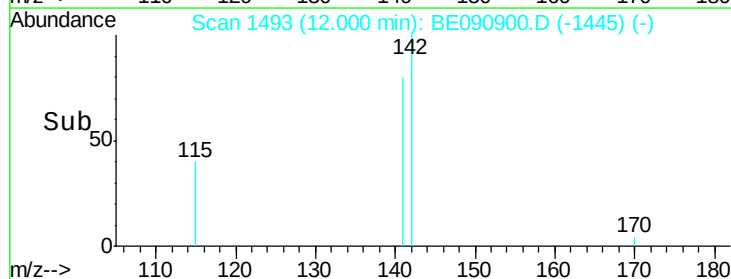
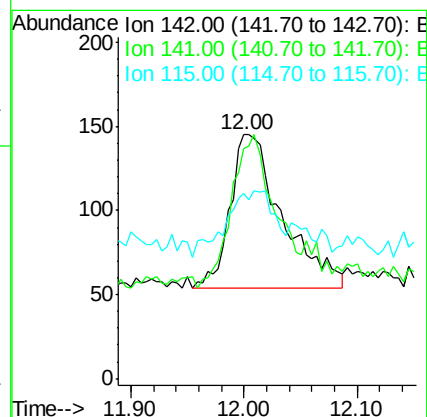
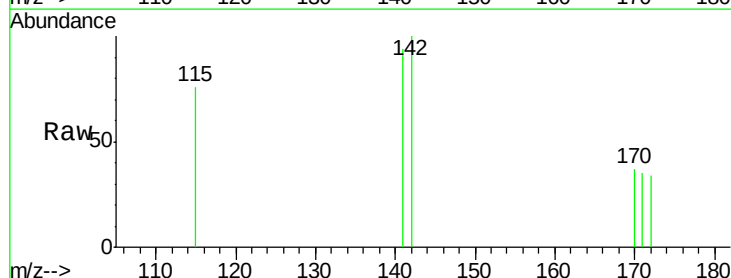
Tgt Ion:142 Resp: 286

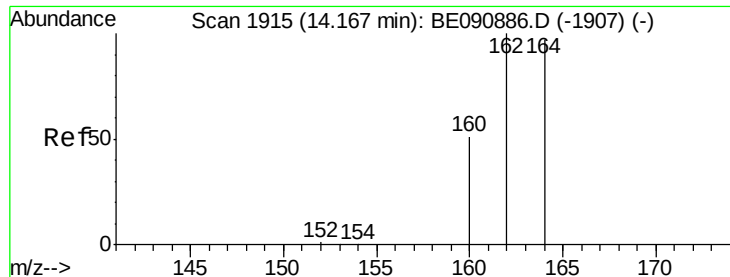
Ion Ratio Lower Upper

142 100

141 94.5 71.4 107.2

115 75.9 31.0 46.4#





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.17 min Scan# 1915

Delta R.T. 0.00 min

Lab File: BE090900.D

Acq: 19 Sep 2015 7:29

Instrument :

BNA_E

ClientSampleId :

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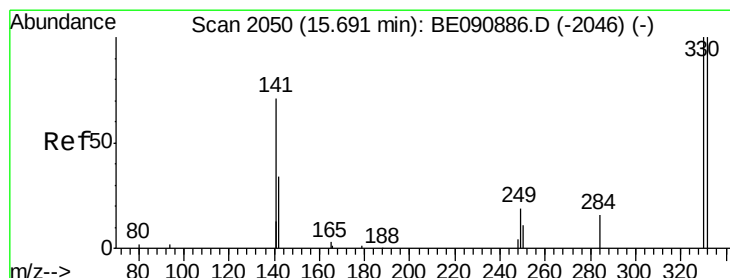
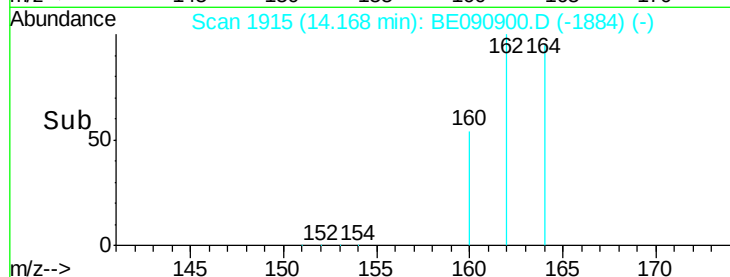
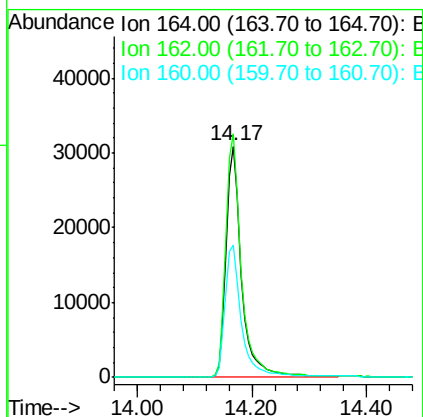
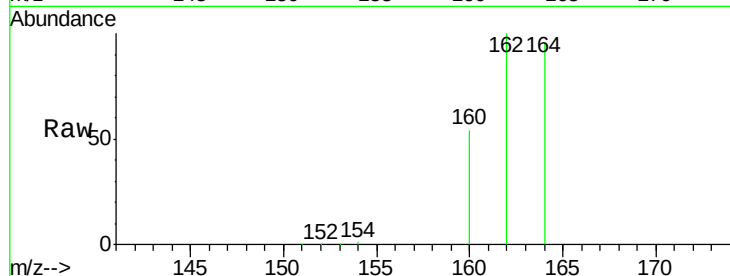
Tot Ion:164 Resp: 57231

Ion Ratio Lower Upper

164 100

162 105.2 86.8 130.2

160 57.0 53.9 80.9



#14

2,4,6-Tribromophenol

Concen: 7.10 ng

RT: 15.67 min Scan# 2049

Delta R.T. -0.02 min

Lab File: BE090900.D

Acq: 19 Sep 2015 7:29

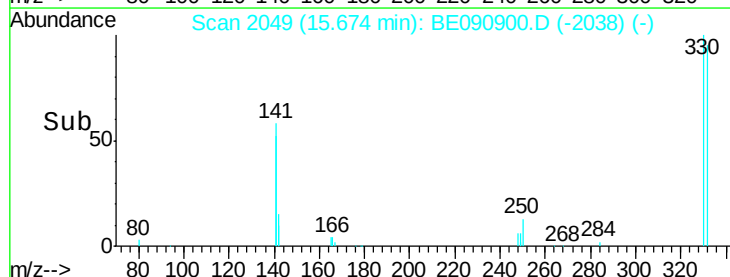
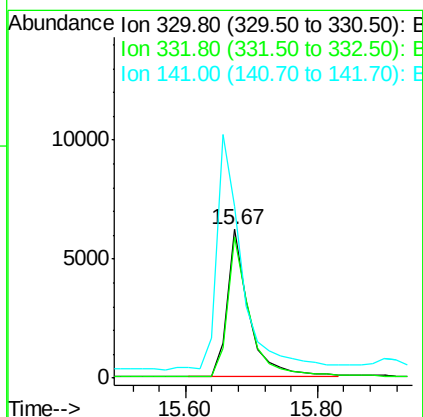
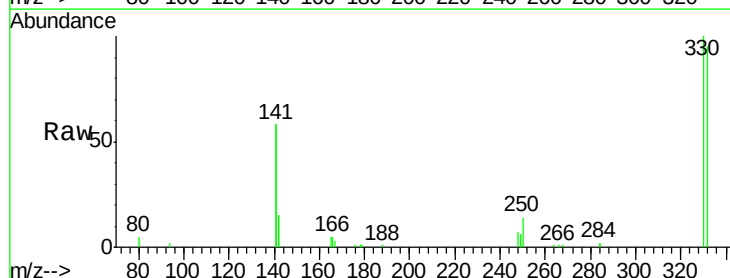
Tgt Ion:330 Resp: 14345

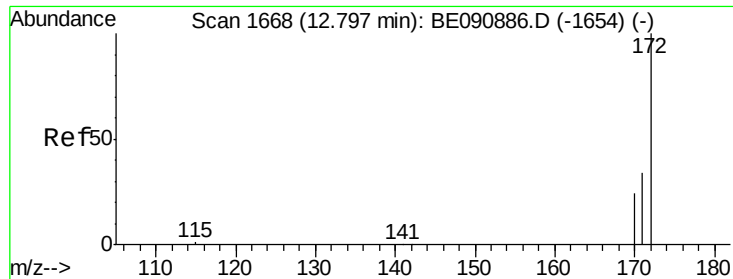
Ion Ratio Lower Upper

330 100

332 96.8 74.9 112.3

141 180.8 145.2 217.8

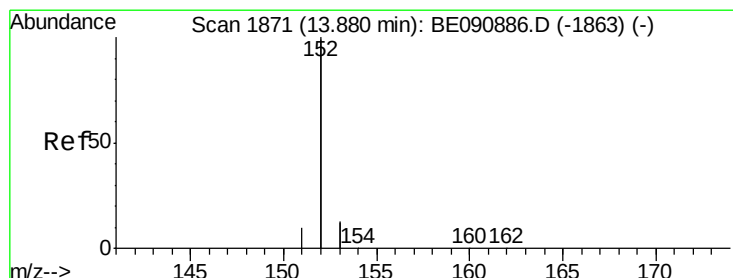
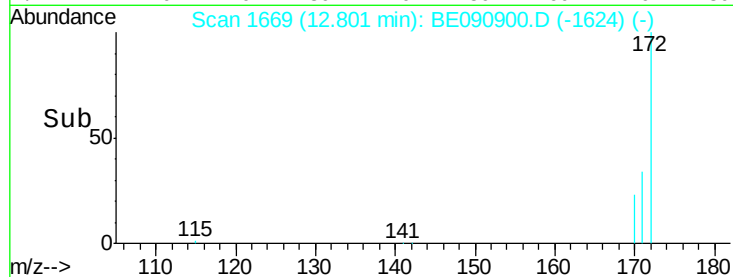
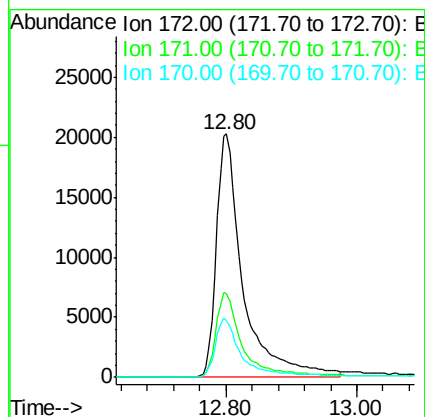
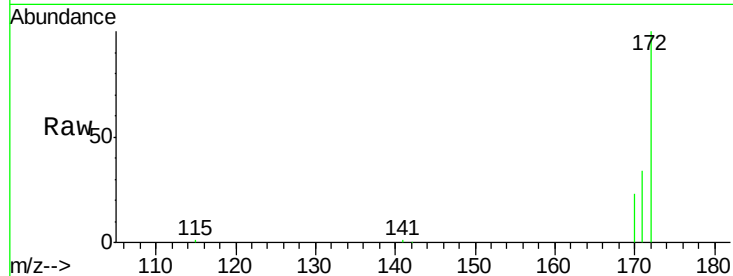




#15
2-Fluorobiphenyl
Concen: 3.50 ng
RT: 12.80 min Scan# 1669
Delta R.T. 0.00 min
Lab File: BE090900.D
Acq: 19 Sep 2015 7:29

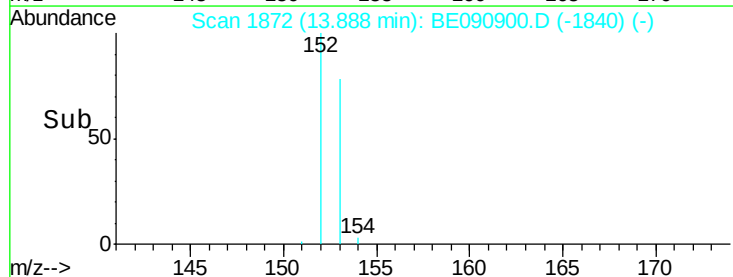
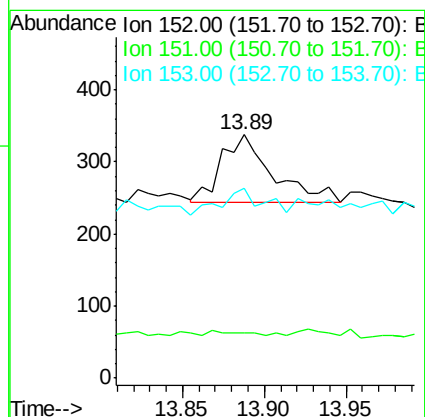
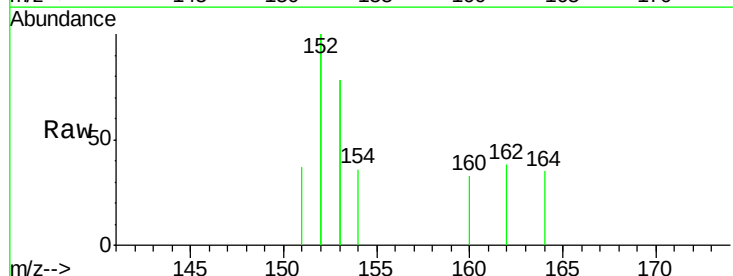
Instrument :
BNA_E
ClientSampleId :
091615-W004-F-D-M

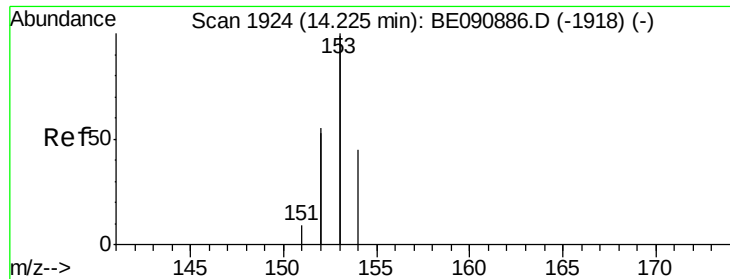
Tot Ion:172 Resp: 56800
Ion Ratio Lower Upper
172 100
171 34.2 27.8 41.8
170 23.2 19.8 29.6



#16
Acenaphthylene
Concen: 0.00 ng
RT: 13.89 min Scan# 1872
Delta R.T. 0.01 min
Lab File: BE090900.D
Acq: 19 Sep 2015 7:29

Tgt Ion:152 Resp: 204
Ion Ratio Lower Upper
152 100
151 10.3 3.9 5.9#
153 26.5 10.3 15.5#





#17

Acenaphthene

Concen: 0.00 ng

RT: 14.23 min Scan# 1924

Delta R.T. 0.00 min

Lab File: BE090900.D

Acq: 19 Sep 2015 7:29

Instrument :

BNA_E

ClientSampleId :

091615-W004-F-D-M

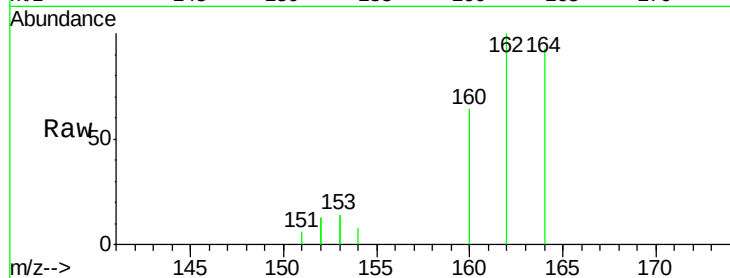
Tot Ion:154 Resp: 70

Ion Ratio Lower Upper

154 100

153 232.9 354.5 531.7#

152 220.0 227.8 341.6#

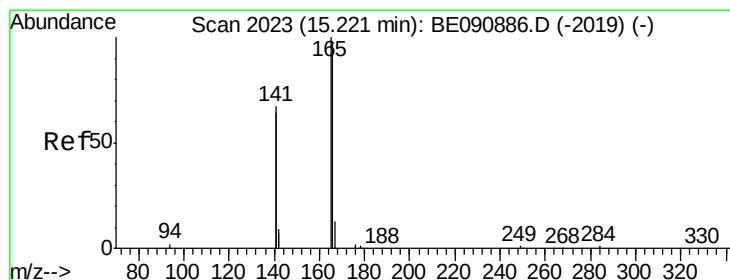
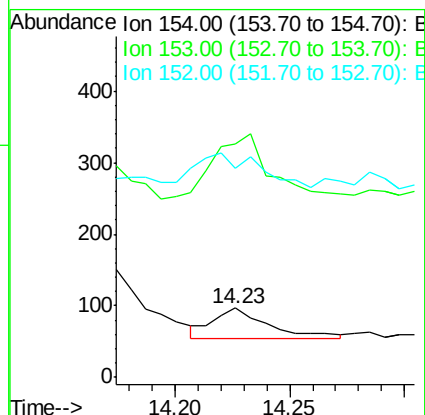
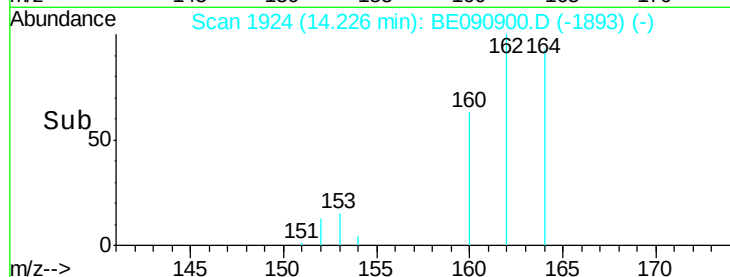


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Time-->



#18

Fluorene

Concen: Below Cal

RT: 15.22 min Scan# 2023

Delta R.T. 0.00 min

Lab File: BE090900.D

Acq: 19 Sep 2015 7:29

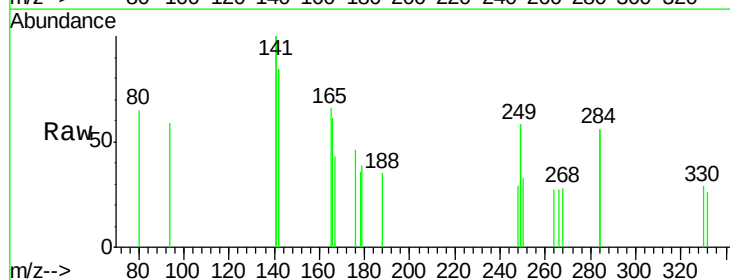
Tgt Ion:166 Resp: 133

Ion Ratio Lower Upper

166 100

165 105.3 82.7 124.1

167 0.0 10.7 16.1#

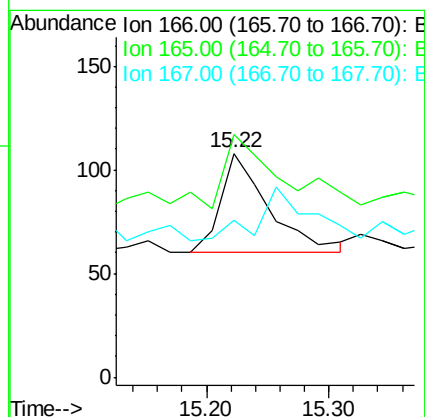
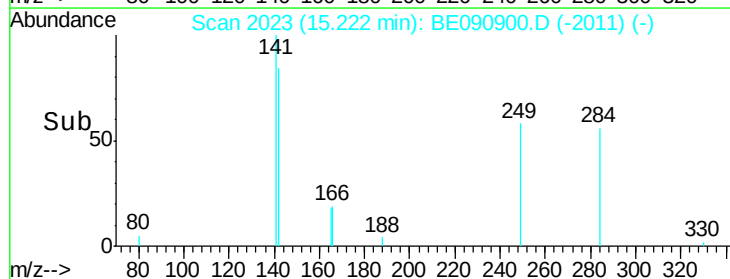


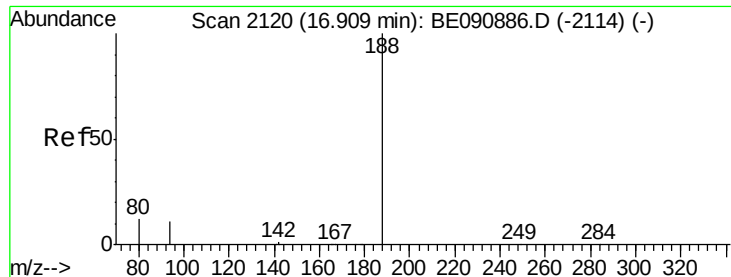
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

Time-->





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.91 min Scan# 2120

Delta R.T. 0.00 min

Lab File: BE090900.D

Acq: 19 Sep 2015 7:29

Instrument :

BNA_E

ClientSampleId :

091615-W004-F-D-M

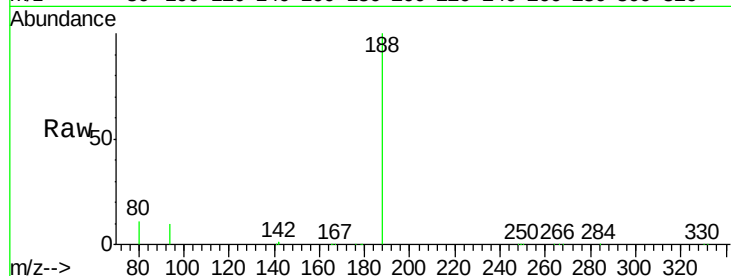
Tot Ion:188 Resp: 138924

Ion Ratio Lower Upper

188 100

94 10.1 10.3 15.5#

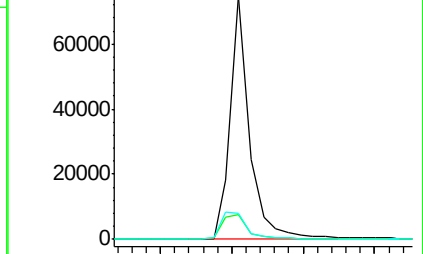
80 10.9 11.0 16.6#



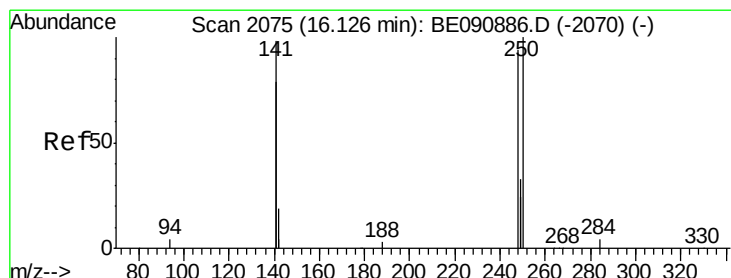
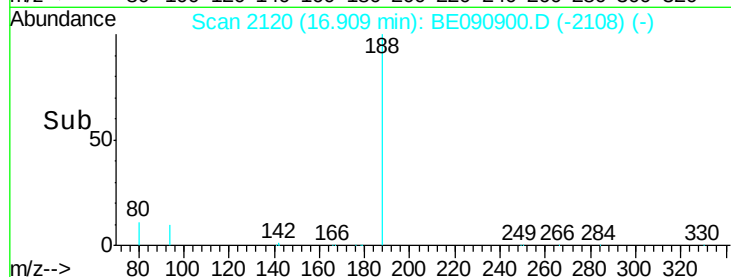
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



Time-->



#20

4-Bromophenyl-phenylether

Concen: 0.01 ng

RT: 16.13 min Scan# 2075

Delta R.T. 0.00 min

Lab File: BE090900.D

Acq: 19 Sep 2015 7:29

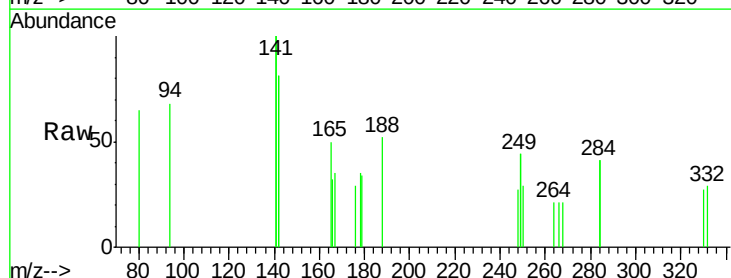
Tgt Ion:248 Resp: 35

Ion Ratio Lower Upper

248 100

250 114.3 76.7 115.1

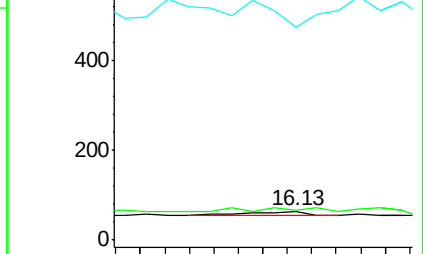
141 0.0 292.6 439.0#



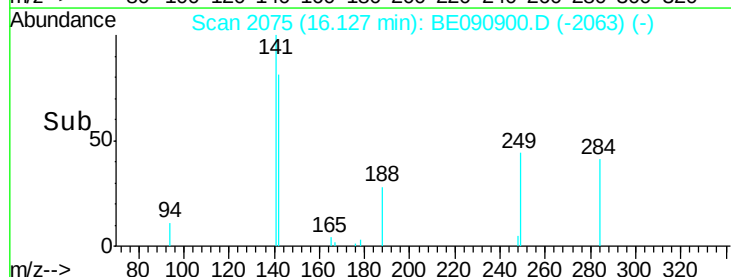
Abundance Ion 248.00 (247.70 to 248.70): E

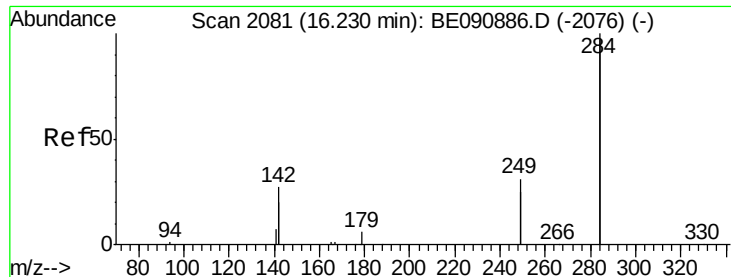
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->

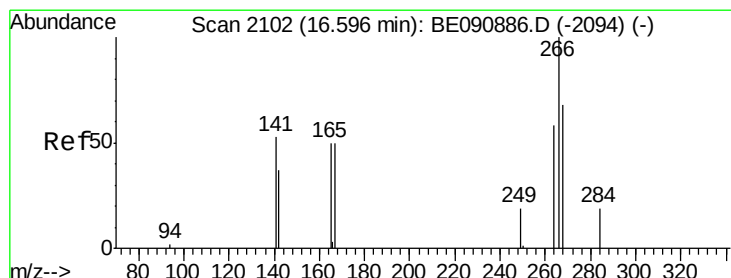
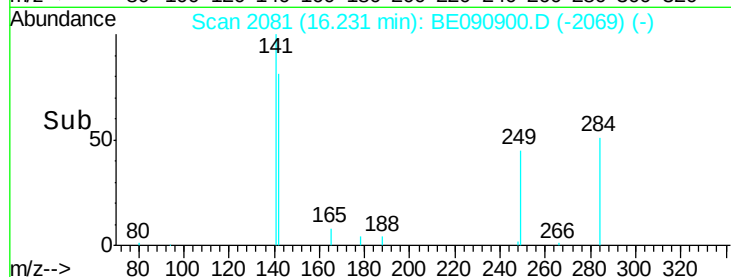
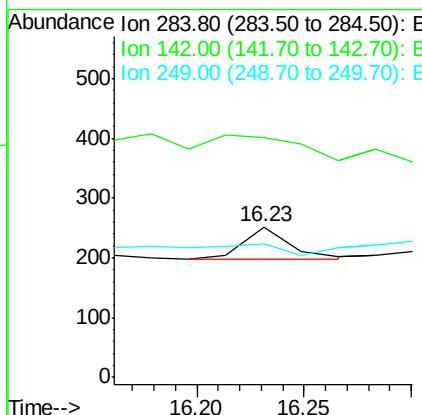
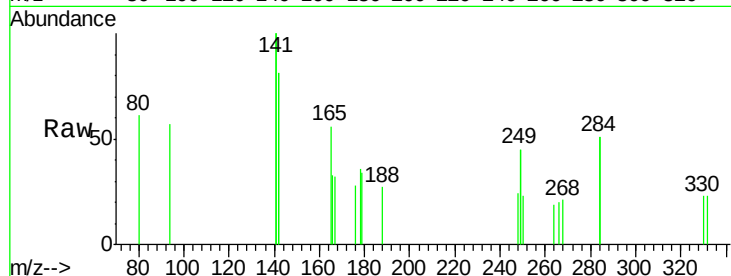




#21
Hexachlorobenzene
Concen: Below Cal
RT: 16.23 min Scan# 2081
Delta R.T. 0.00 min
Lab File: BE090900.D
Acq: 19 Sep 2015 7:29

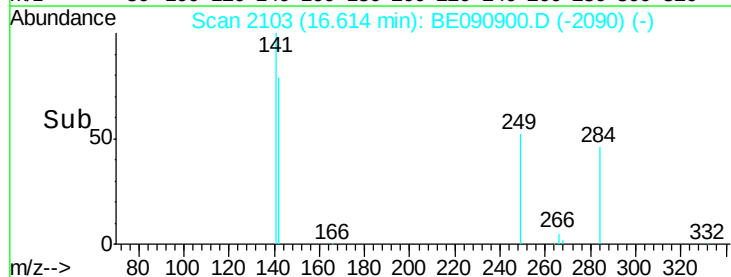
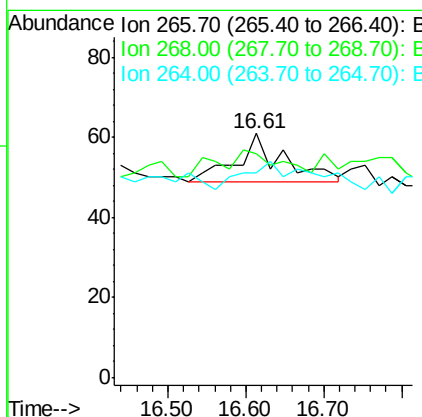
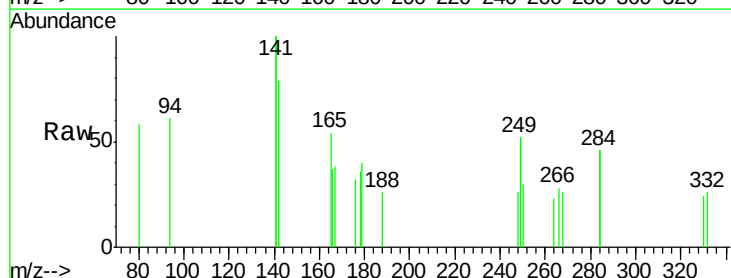
Instrument :
BNA_E
ClientSampleId :
091615-W004-F-D-M

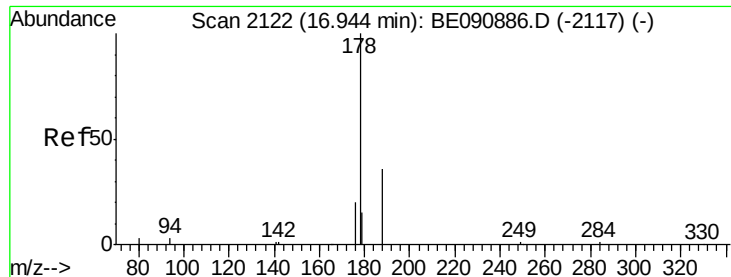
Tot Ion:284 Resp: 81
Ion Ratio Lower Upper
284 100
142 0.0 35.0 52.4#
249 118.5 25.5 38.3#



#22
Pentachlorophenol
Concen: 0.20 ng
RT: 16.61 min Scan# 2103
Delta R.T. 0.02 min
Lab File: BE090900.D
Acq: 19 Sep 2015 7:29

Tgt Ion:266 Resp: 48
Ion Ratio Lower Upper
266 100
268 91.8 49.6 74.4#
264 83.6 53.9 80.9#





#23

Phenanthrene

Concen: Below Cal

RT: 16.94 min Scan# 2122

Delta R.T. 0.00 min

Lab File: BE090900.D

Acq: 19 Sep 2015 7:29

Instrument :

BNA_E

ClientSampleId :

091615-W004-F-D-M

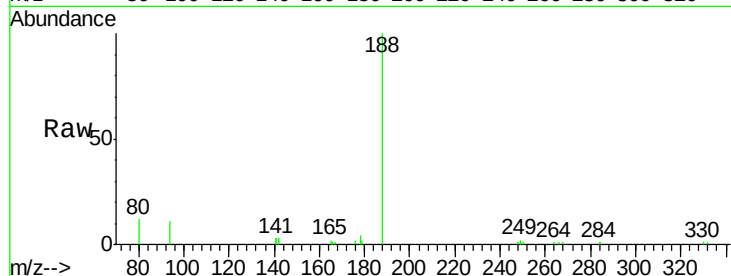
Tot Ion:178 Resp: 684

Ion Ratio Lower Upper

178 100

176 19.6 15.6 23.4

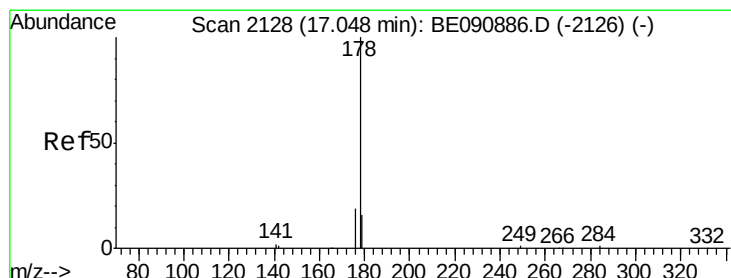
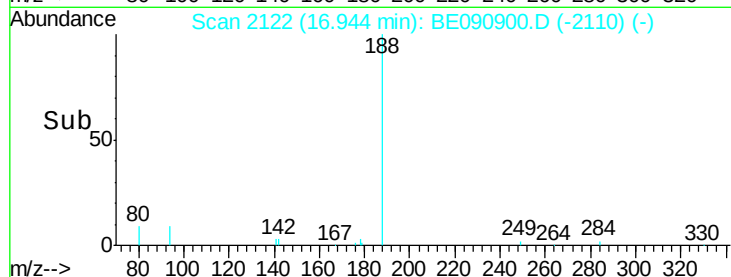
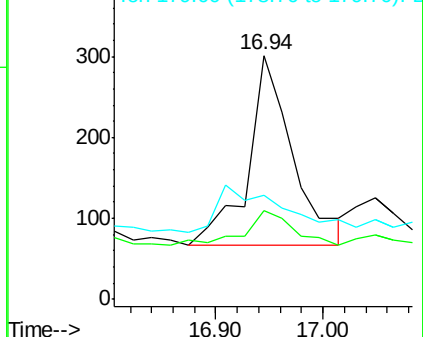
179 0.0 12.8 19.2#



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

Anthracene

Concen: 0.01 ng

RT: 17.05 min Scan# 2128

Delta R.T. 0.00 min

Lab File: BE090900.D

Acq: 19 Sep 2015 7:29

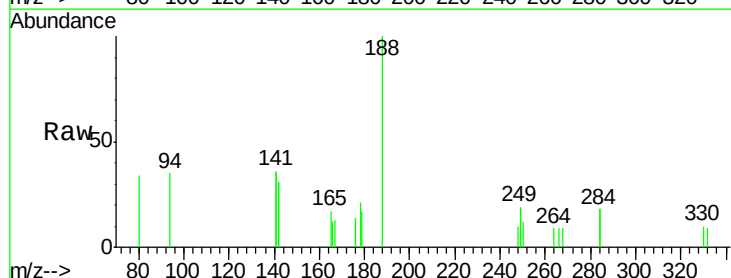
Tgt Ion:178 Resp: 188

Ion Ratio Lower Upper

178 100

176 16.0 15.0 22.6

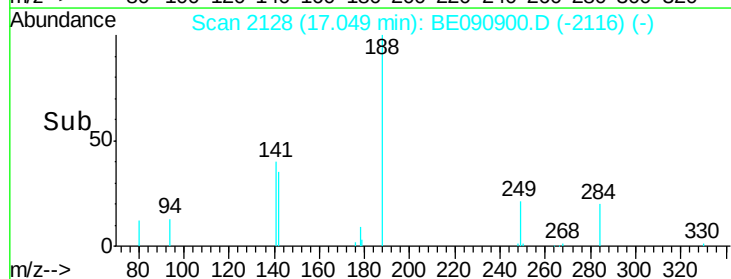
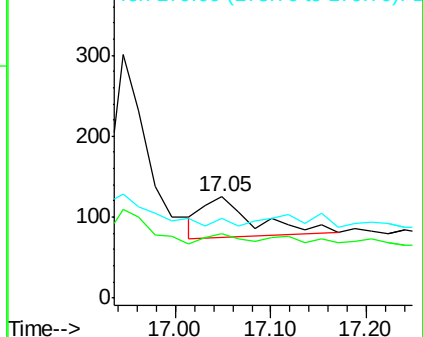
179 0.0 12.3 18.5#

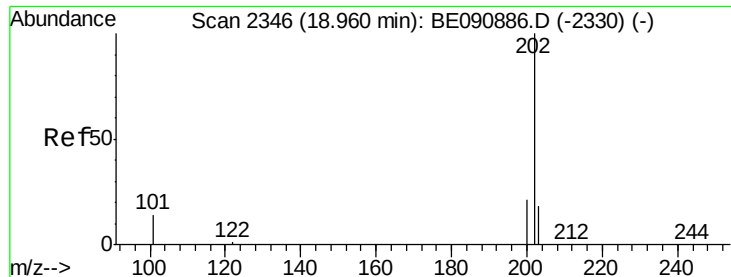


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene

Concen: 0.01 ng

RT: 18.96 min Scan# 2346

Delta R.T. 0.00 min

Lab File: BE090900.D

Acq: 19 Sep 2015 7:29

Instrument :

BNA_E

ClientSampleId :

091615-W004-F-D-M

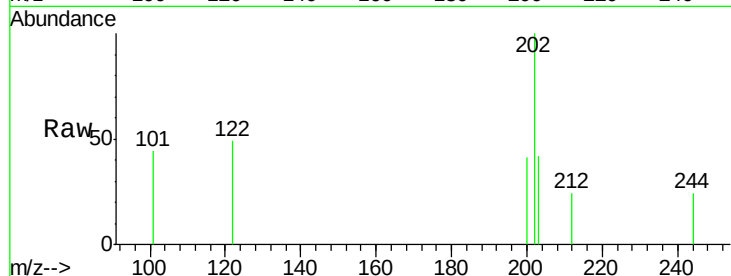
Tot Ion:202 Resp: 313

Ion Ratio Lower Upper

202 100

101 26.8 11.0 16.6#

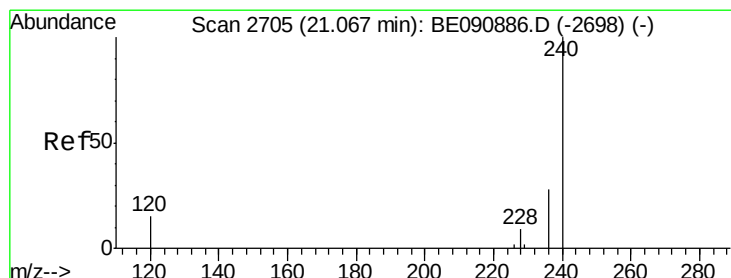
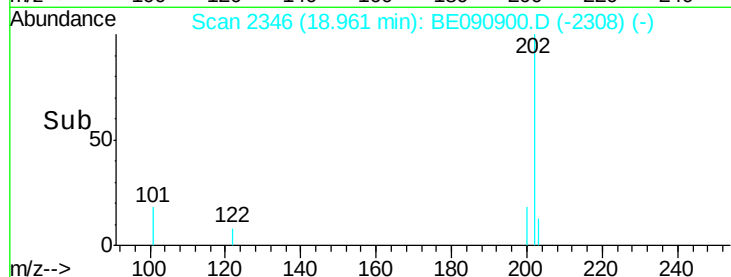
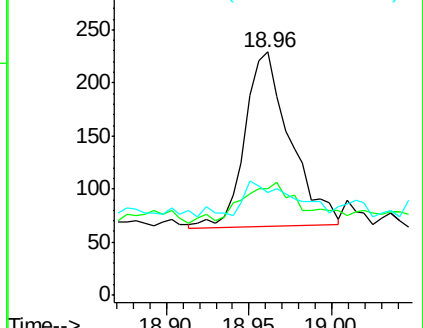
203 21.1 13.9 20.9#



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



#26

Chrysene-d12

Concen: 5.00 ng

RT: 21.07 min Scan# 2704

Delta R.T. -0.00 min

Lab File: BE090900.D

Acq: 19 Sep 2015 7:29

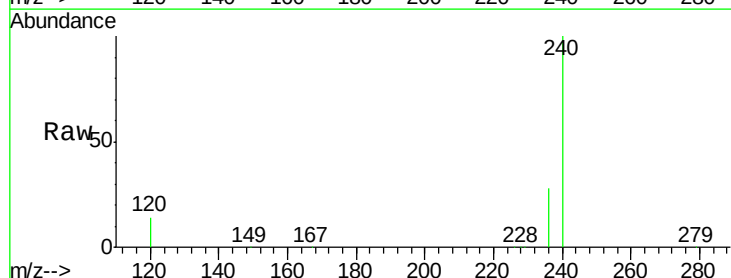
Tgt Ion:240 Resp: 181270

Ion Ratio Lower Upper

240 100

120 13.9 10.1 15.1

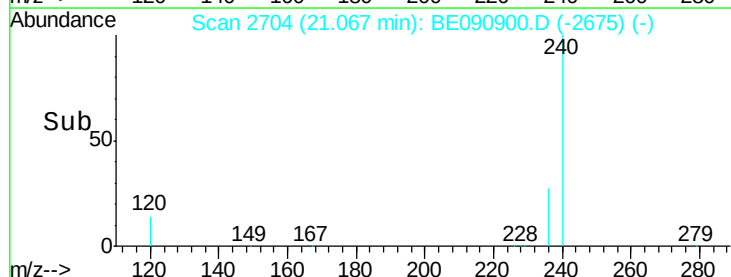
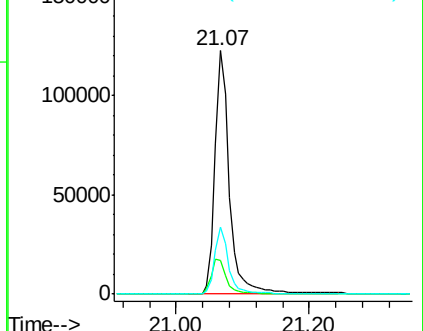
236 27.5 21.9 32.9

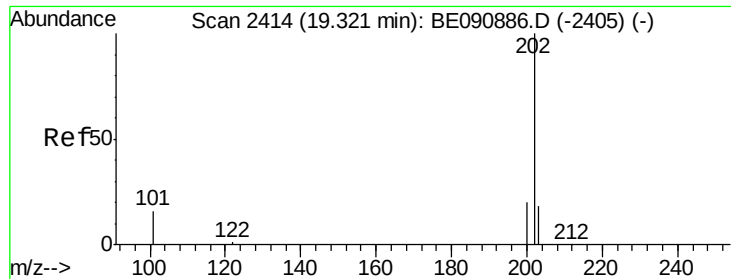


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

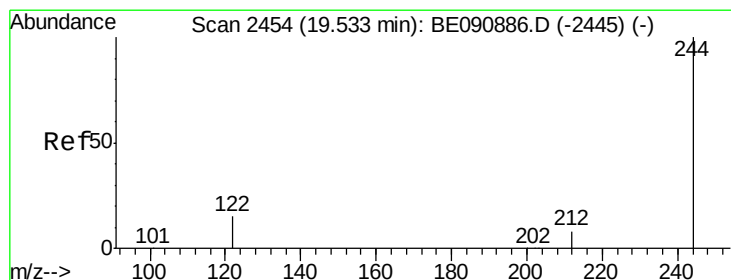
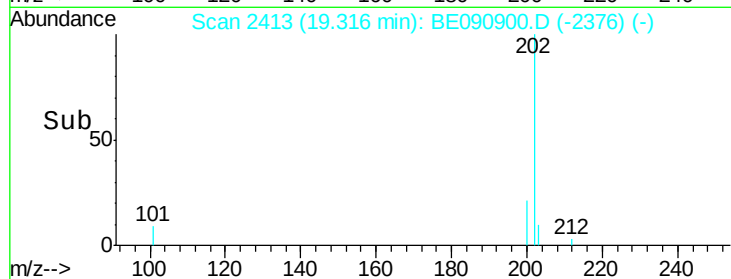
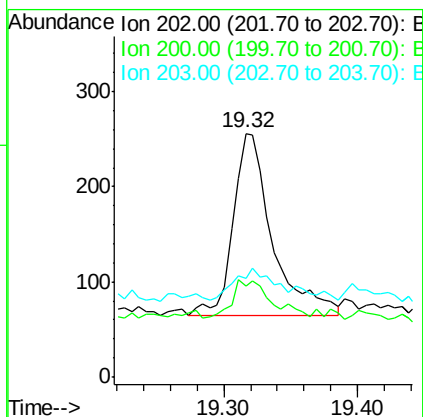
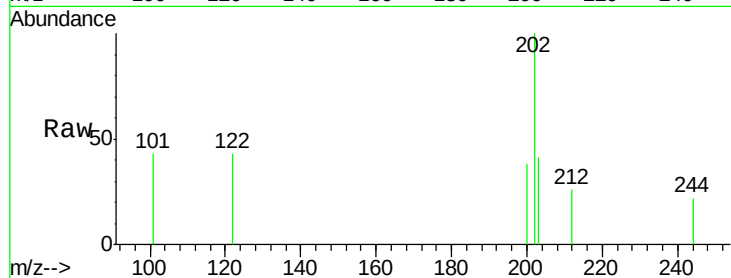




#27
 Pvrene
 Concen: 0.01 ng
 RT: 19.32 min Scan# 2413
 Delta R.T. -0.00 min
 Lab File: BE090900.D
 Acq: 19 Sep 2015 7:29

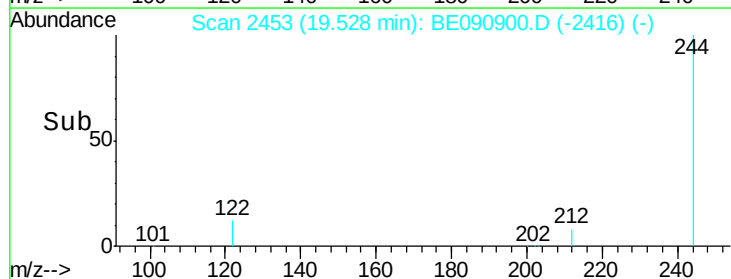
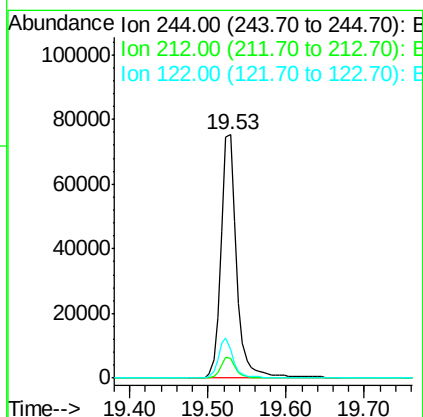
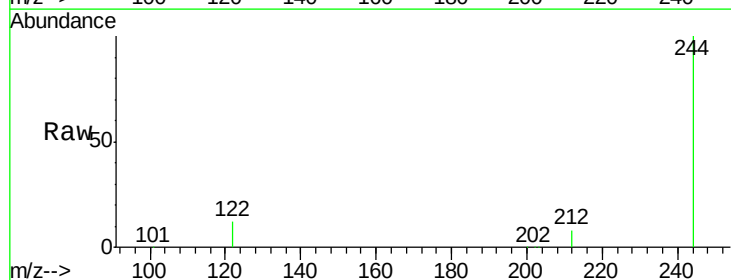
Instrument :
 BNA_E
 ClientSampleId :
 091615-W004-F-D-M

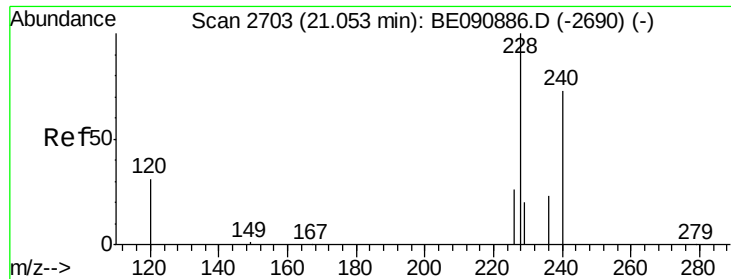
Tot Ion:202 Resp: 388
 Ion Ratio Lower Upper
 202 100
 200 18.0 16.7 25.1
 203 24.0 13.8 20.6#



#28
 Terphenyl-d14
 Concen: 5.06 ng
 RT: 19.53 min Scan# 2453
 Delta R.T. -0.00 min
 Lab File: BE090900.D
 Acq: 19 Sep 2015 7:29

Tgt Ion:244 Resp: 103752
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.9 10.3
 122 12.0 12.9 19.3#





#29

Benzo(a)anthracene

Concen: 0.02 ng

RT: 21.07 min Scan# 2704

Delta R.T. 0.01 min

Lab File: BE090900.D

Acq: 19 Sep 2015 7:29

Instrument :

BNA_E

ClientSampleId :

091615-W004-F-D-M

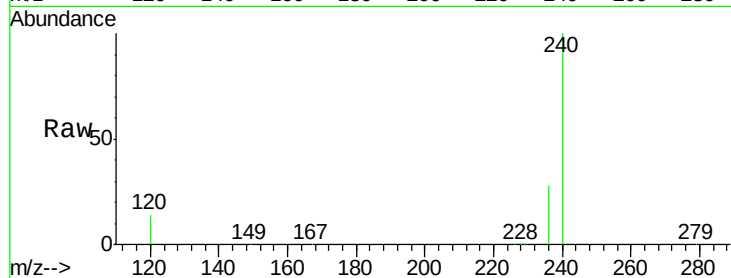
Tot Ion:228 Resp: 707

Ion Ratio Lower Upper

228 100

226 24.2 21.6 32.4

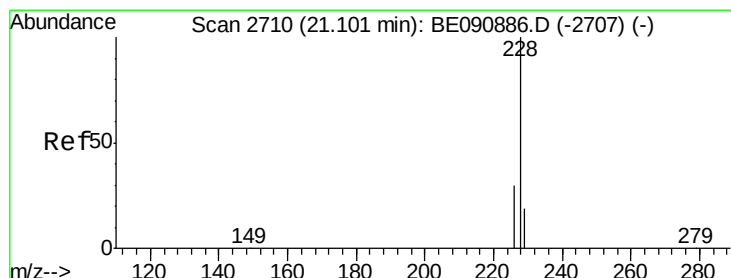
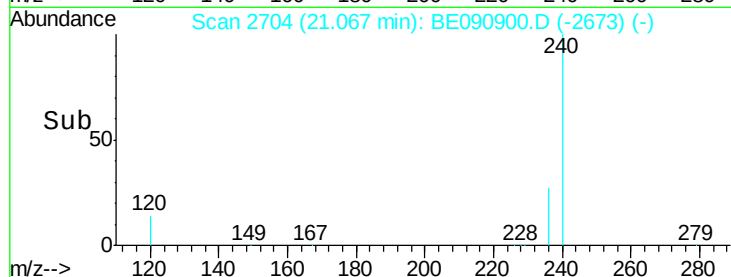
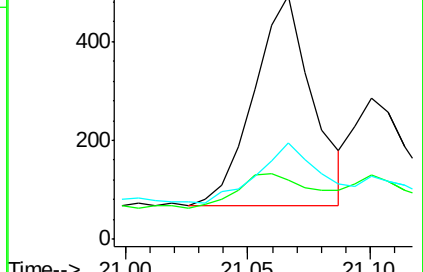
229 39.8 15.9 23.9#



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



#30

Chrysene

Concen: Below Cal

RT: 21.10 min Scan# 2709

Delta R.T. 0.00 min

Lab File: BE090900.D

Acq: 19 Sep 2015 7:29

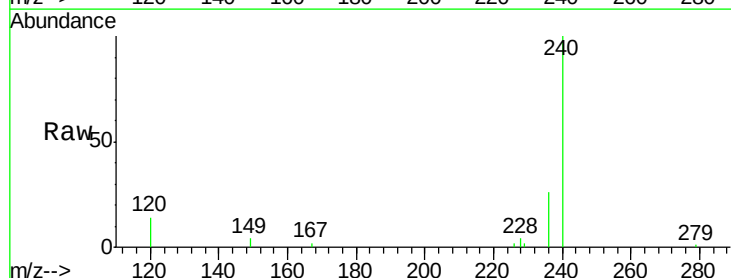
Tgt Ion:228 Resp: 375

Ion Ratio Lower Upper

228 100

226 45.1 24.2 36.4#

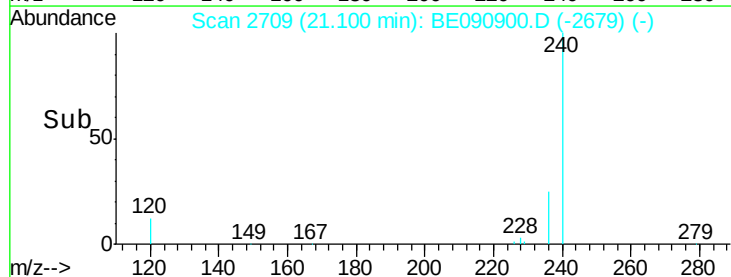
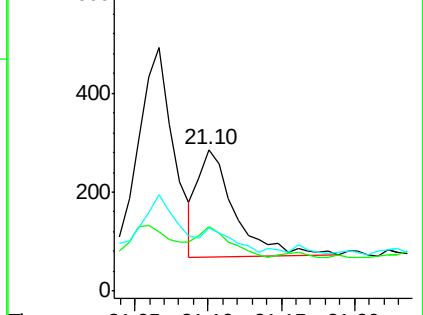
229 44.8 15.3 22.9#

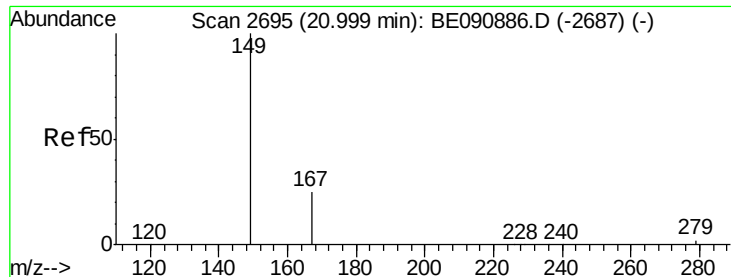


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

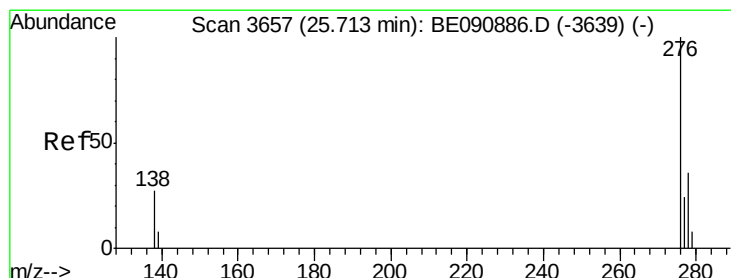
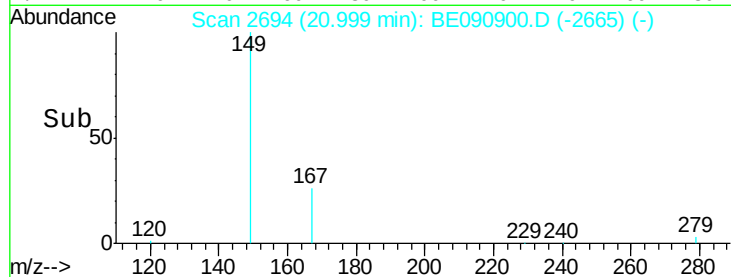
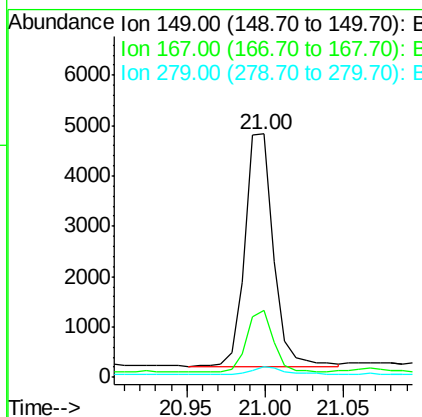
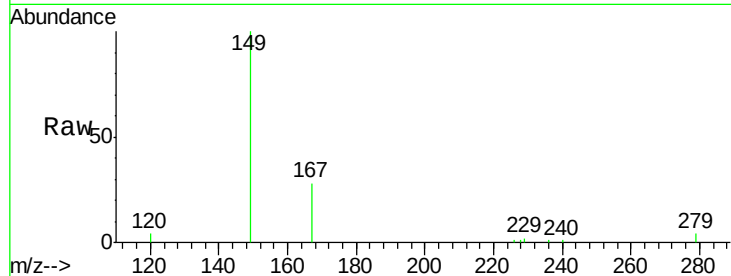




#31
 Bis(2-ethylhexyl)phthalate
 Concen: 0.44 ng
 RT: 21.00 min Scan# 2694
 Delta R.T. -0.00 min
 Lab File: BE090900.D
 Acq: 19 Sep 2015 7:29

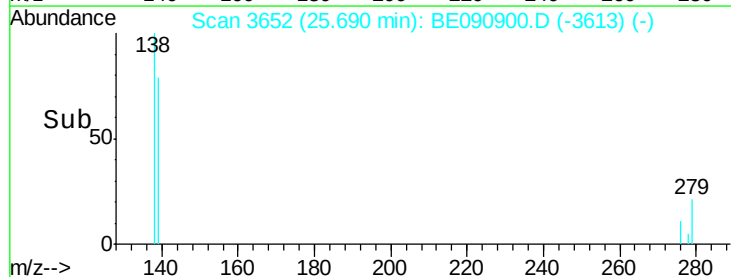
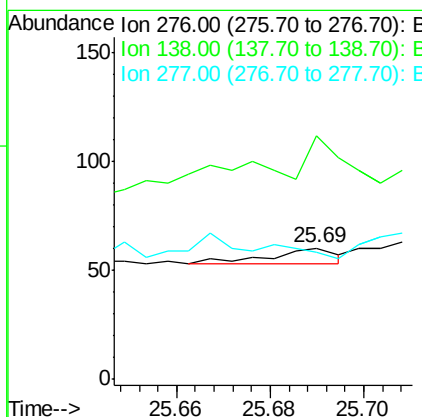
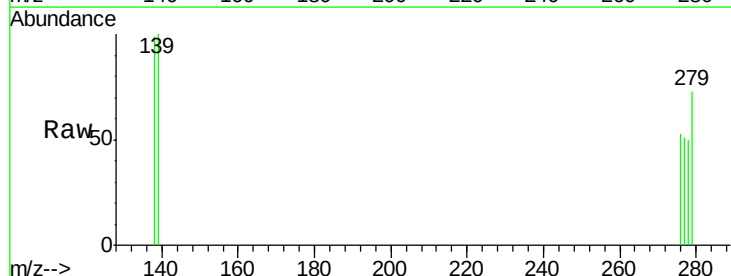
Instrument :
 BNA_E
 ClientSampleId :
 091615-W004-F-D-M

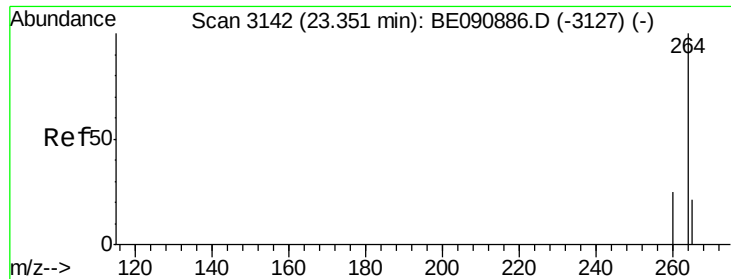
Tot Ion:149 Resp: 5786
 Ion Ratio Lower Upper
 149 100
 167 25.3 20.1 30.1
 279 3.4 2.3 3.5



#32
 Indeno(1,2,3-cd)pyrene
 Concen: 0.00 ng
 RT: 25.69 min Scan# 3652
 Delta R.T. -0.02 min
 Lab File: BE090900.D
 Acq: 19 Sep 2015 7:29

Tgt Ion:276 Resp: 7
 Ion Ratio Lower Upper
 276 100
 138 185.7 23.3 34.9#
 277 0.0 19.8 29.6#

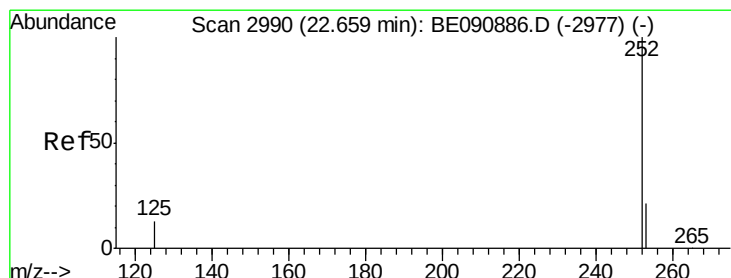
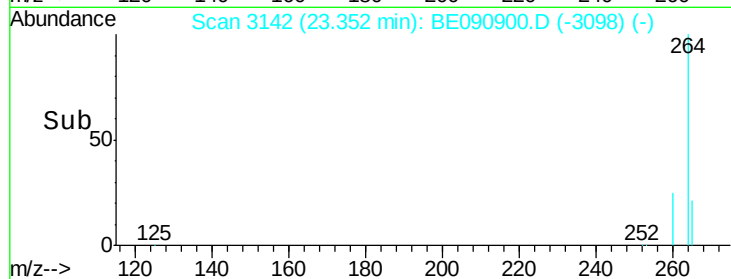
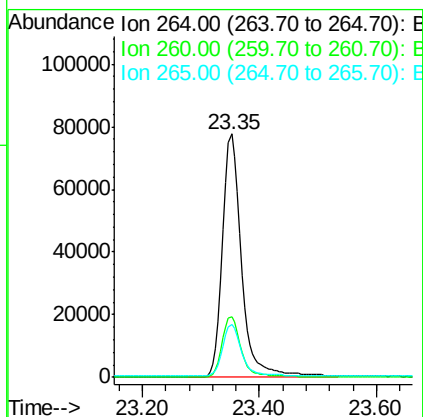
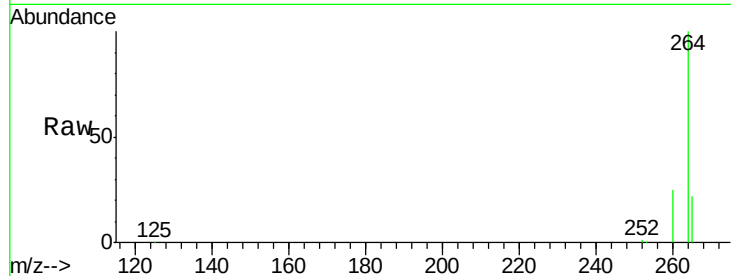




#33
Pervlene-d12
Concen: 5.00 ng
RT: 23.35 min Scan# 3142
Delta R.T. 0.00 min
Lab File: BE090900.D
Acq: 19 Sep 2015 7:29

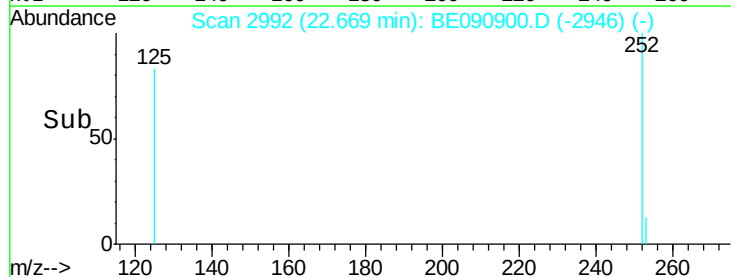
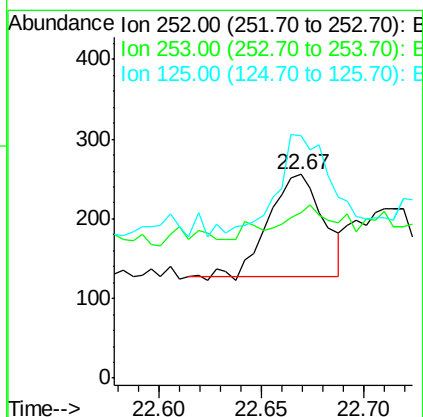
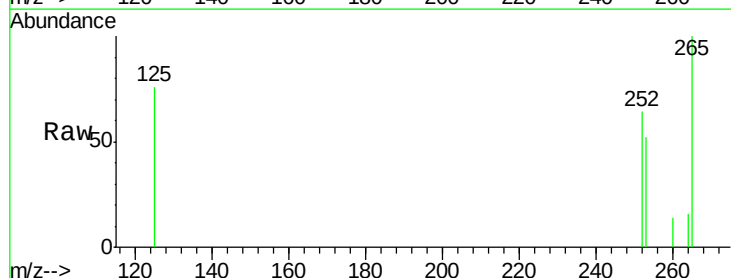
Instrument :
BNA_E
ClientSampleId :
091615-W004-F-D-M

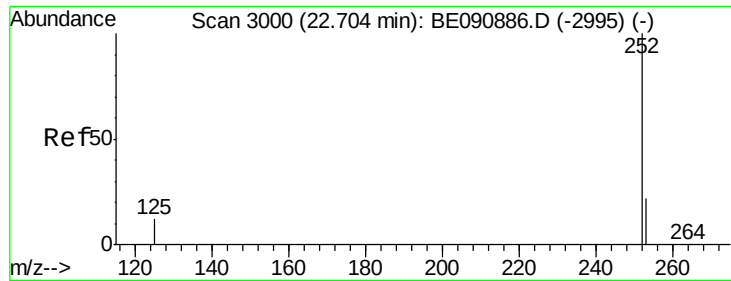
Tot Ion:264 Resp: 175218
Ion Ratio Lower Upper
264 100
260 24.6 19.7 29.5
265 21.9 17.5 26.3



#34
Benzo(b)fluoranthene
Concen: 0.01 ng
RT: 22.67 min Scan# 2992
Delta R.T. 0.01 min
Lab File: BE090900.D
Acq: 19 Sep 2015 7:29

Tgt Ion:252 Resp: 235
Ion Ratio Lower Upper
252 100
253 81.3 17.9 26.9#
125 118.8 10.6 16.0#





#35

Benzo(k)fluoranthene

Concen: 0.00 ng

RT: 22.71 min Scan# 3001

Delta R.T. 0.01 min

Lab File: BE090900.D

Acq: 19 Sep 2015 7:29

Instrument :

BNA_E

ClientSampleId :

091615-W004-F-D-M

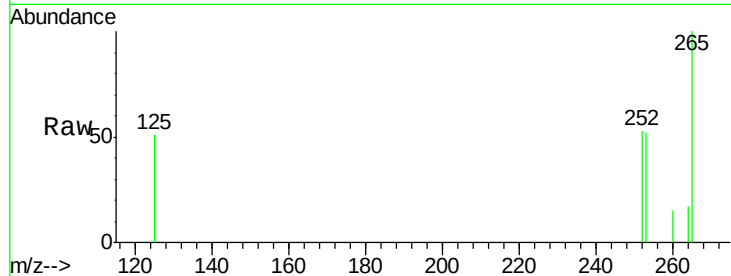
Tot Ion:252 Resp: 167

Ion Ratio Lower Upper

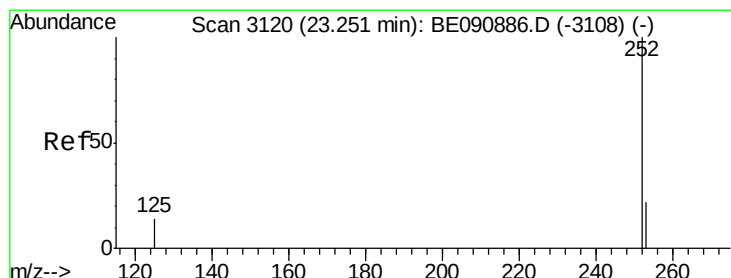
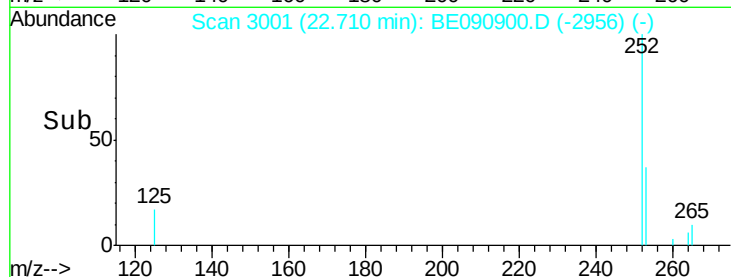
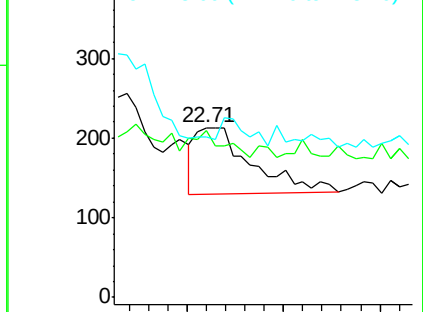
252 100

253 98.1 17.9 26.9#

125 94.8 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



#36

Benzo(a)pyrene

Concen: 0.00 ng

RT: 23.25 min Scan# 3120

Delta R.T. 0.00 min

Lab File: BE090900.D

Acq: 19 Sep 2015 7:29

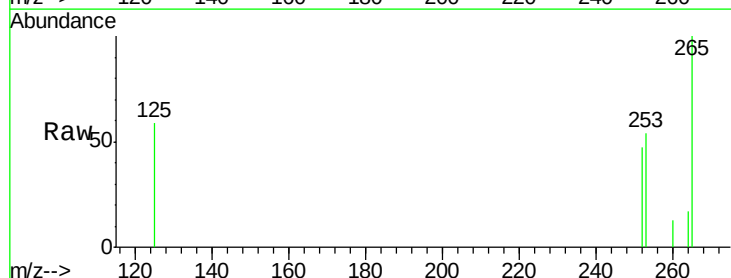
Tgt Ion:252 Resp: 139

Ion Ratio Lower Upper

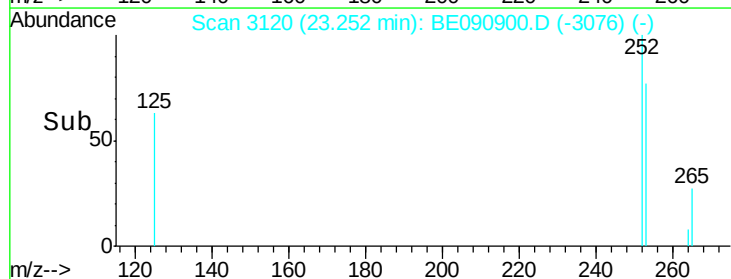
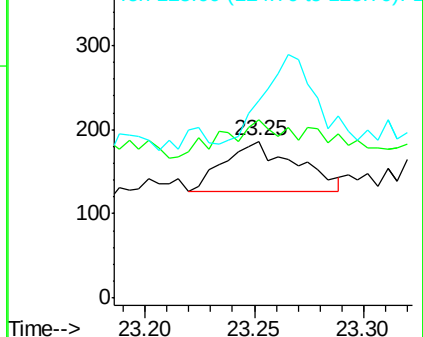
252 100

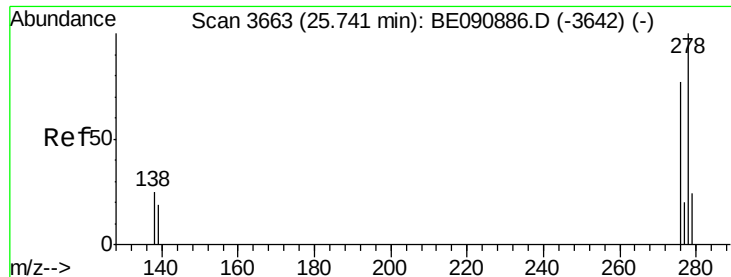
253 114.0 17.2 25.8#

125 125.8 18.0 27.0#



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





#37

Dibenzo(a,h)anthracene

Concen: 0.00 ng

RT: 25.74 min Scan# 3664

Delta R.T. 0.00 min

Lab File: BE090900.D

Acq: 19 Sep 2015 7:29

Instrument :

BNA_E

ClientSampleId :

091615-W004-F-D-M

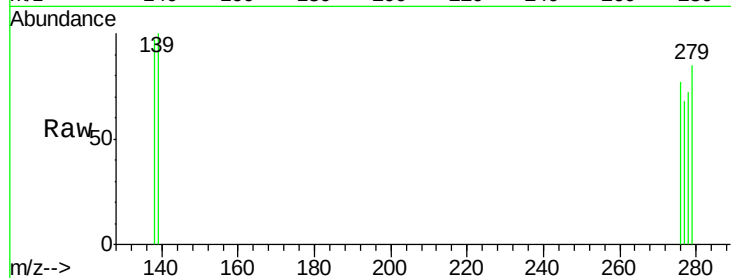
Tot Ion:278 Resp: 21

Ion Ratio Lower Upper

278 100

139 138.0 15.4 23.0#

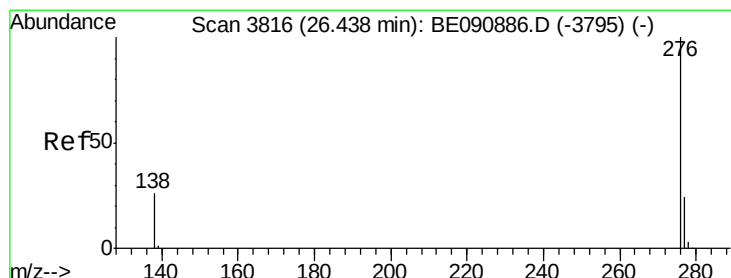
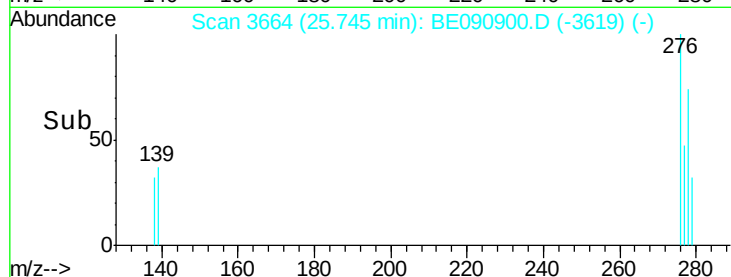
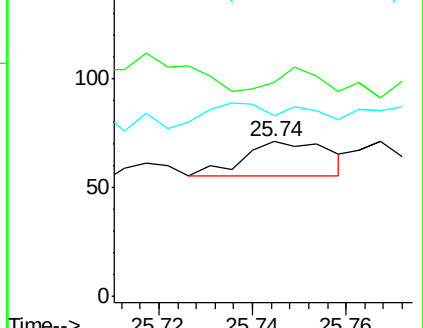
279 116.9 18.8 28.2#



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



#38

Benzo(g,h,i)perylene

Concen: 0.00 ng

RT: 26.46 min Scan# 3821

Delta R.T. 0.02 min

Lab File: BE090900.D

Acq: 19 Sep 2015 7:29

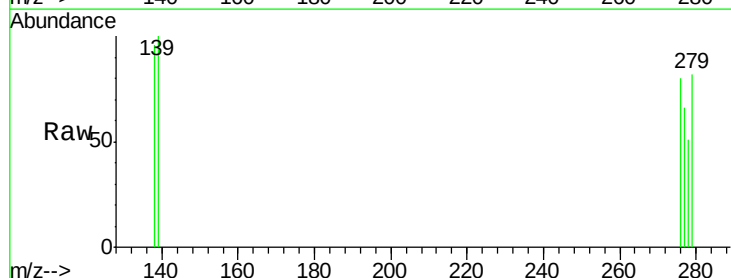
Tgt Ion:276 Resp: 87

Ion Ratio Lower Upper

276 100

277 83.1 18.5 27.7#

138 120.5 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

