

Data Path : Z:\HPCHEM1\BNA E\DATA\BE091815\
 Data File : BE090904.D
 Acq On : 19 Sep 2015 9:56
 Operator : UM/IZ
 Sample : G3723-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 091615-D534-F-U-M

Quant Time: Sep 21 02:34:19 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	26393	5.00	ng	0.00
7) Naphthalene-d8	10.31	136	111973	5.00	ng	0.00
13) Acenaphthene-d10	14.17	164	61024	5.00	ng	0.00
19) Phenanthrene-d10	16.91	188	156283	5.00	ng	0.00
26) Chrysene-d12	21.07	240	218869	5.00	ng	0.00
33) Perylene-d12	23.35	264	209723	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	19870	3.33	ng	0.00
5) Phenol-d6	6.75	99	14877	1.81	ng	0.00
8) Nitrobenzene-d5	8.71	82	31120	4.03	ng	0.00
14) 2,4,6-Tribromophenol	15.67	330	19322	8.97	ng	-0.02
15) 2-Fluorobiphenyl	12.80	172	68361	3.95	ng	0.00
28) Terphenyl-d14	19.52	244	140900	5.70	ng	0.00

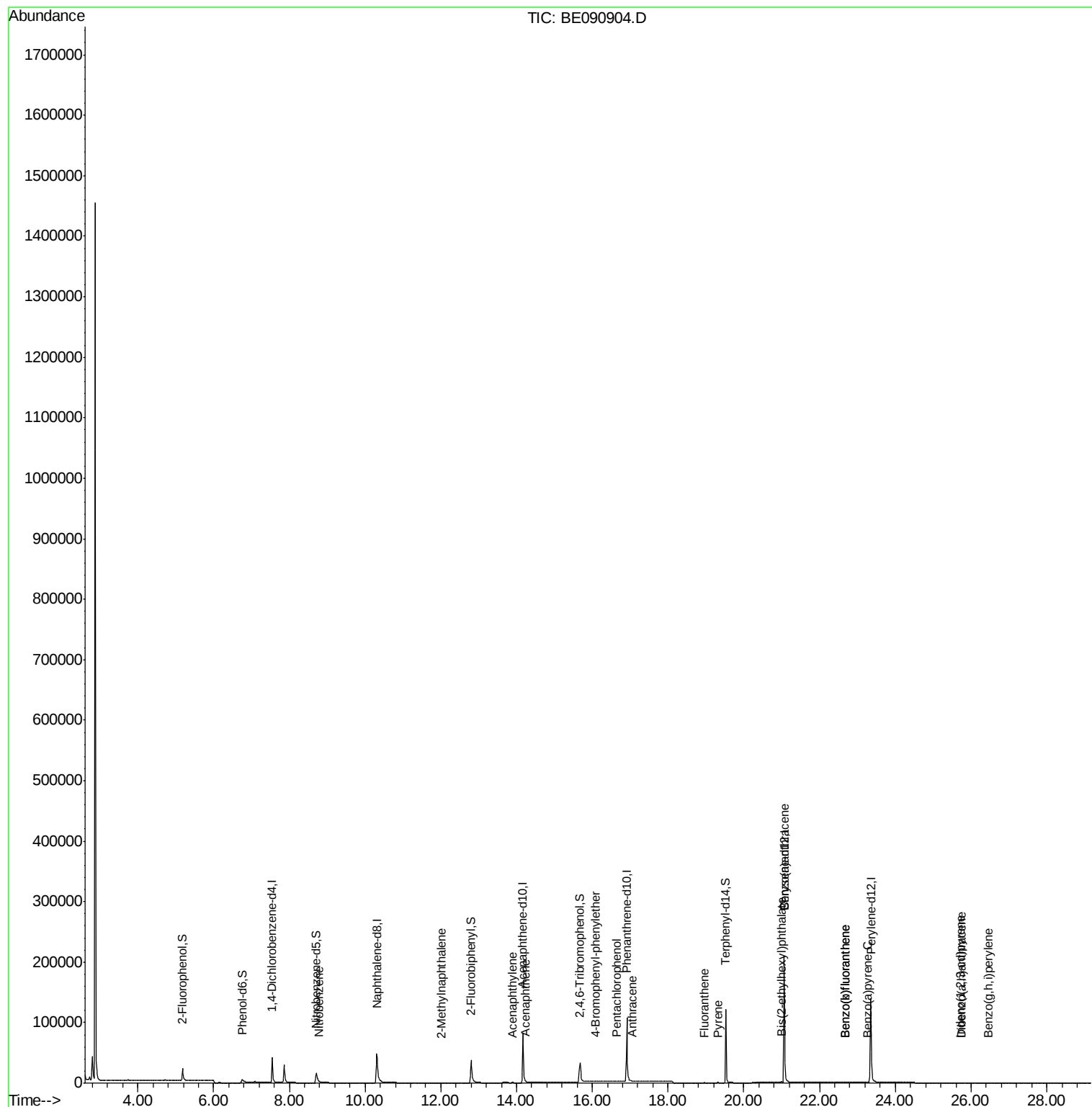
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.16	88	52	Below Cal	#	1
3) n-Nitrosodimethylamine	3.47	42	39	Below Cal	#	1
6) bis(2-Chloroethyl)ether	6.98	93	22	Below Cal	#	1
9) Nitrobenzene	8.79	77	7	0.00 ng	#	3
10) Naphthalene	10.35	128	73	Below Cal	#	1
11) Hexachlorobutadiene	10.67	225	6	Below Cal	#	1
12) 2-Methylnaphthalene	12.00	142	25	0.00 ng	#	51
16) Acenaphthylene	13.89	152	217	0.00 ng	#	75
17) Acenaphthene	14.23	154	51	0.00 ng	#	59
18) Fluorene	15.24	166	62	Below Cal	#	1
20) 4-Bromophenyl-phenylether	16.09	248	33	0.01 ng	#	1
21) Hexachlorobenzene	16.28	284	65	Below Cal	#	37
22) Pentachlorophenol	16.63	266	25	0.19 ng	#	60
23) Phenanthrene	16.94	178	601	Below Cal	#	79
24) Anthracene	17.05	178	106	0.00 ng	#	75
25) Fluoranthene	18.96	202	515	0.01 ng	#	87
27) Pyrene	19.32	202	576	0.01 ng	#	98
29) Benzo(a)anthracene	21.07	228	884	0.02 ng	#	80
30) Chrysene	21.10	228	449	Below Cal	#	67
31) Bis(2-ethylhexyl)phthalate	21.00	149	2692	0.27 ng	#	96
32) Indeno(1,2,3-cd)pyrene	25.72	276	47	0.00 ng	#	80
34) Benzo(b)fluoranthene	22.66	252	362	0.01 ng	#	1
35) Benzo(k)fluoranthene	22.66	252	362	0.01 ng	#	1
36) Benzo(a)pyrene	23.25	252	169	0.00 ng	#	1
37) Dibenzo(a,h)anthracene	25.75	278	53	0.00 ng	#	1
38) Benzo(g,h,i)perylene	26.44	276	52	0.00 ng	#	1

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

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.55 min Scan# 726

Delta R.T. -0.00 min

Lab File: BE090904.D

Acq: 19 Sep 2015 9:56

Instrument :

BNA_E

ClientSampleId :

091615-D534-F-U-M

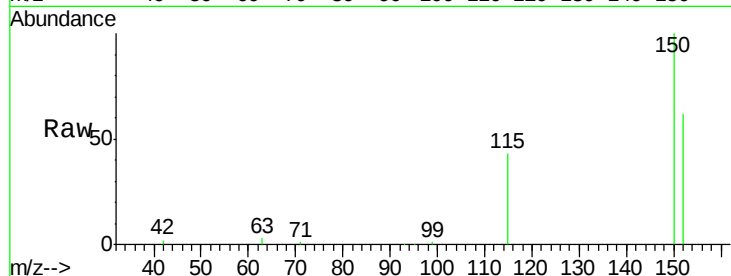
Tot Ion:152 Resp: 26393

Ion Ratio Lower Upper

152 100

150 160.1 122.2 183.4

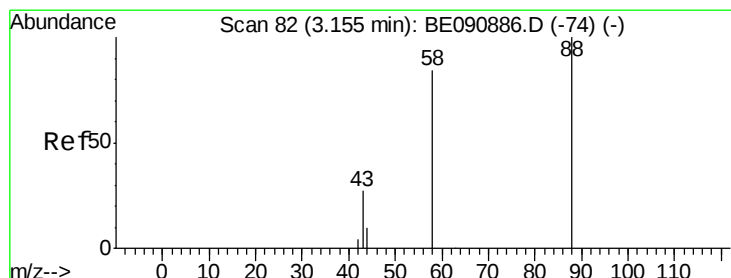
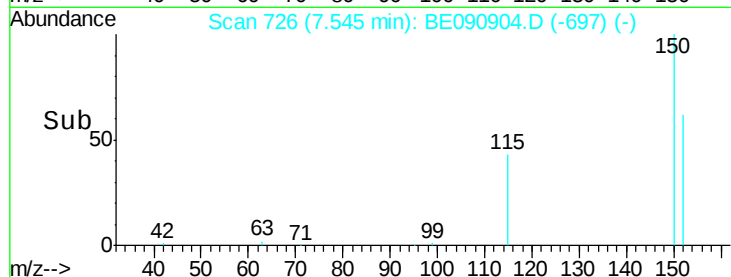
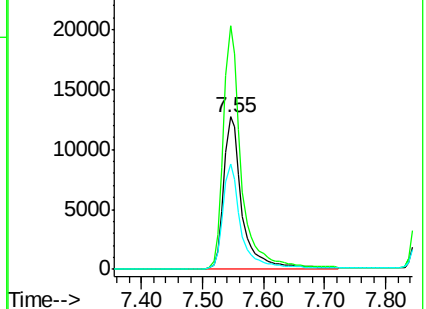
115 69.3 51.0 76.4



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: 3.16 min Scan# 82

Delta R.T. 0.00 min

Lab File: BE090904.D

Acq: 19 Sep 2015 9:56

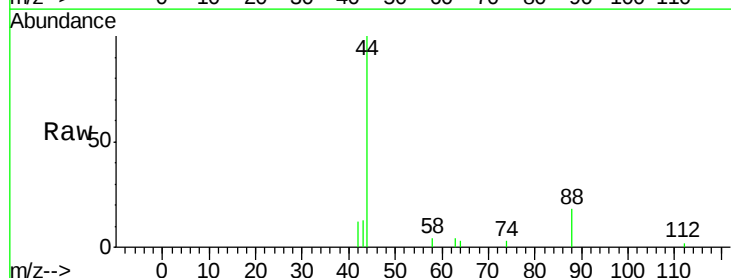
Tgt Ion: 88 Resp: 52

Ion Ratio Lower Upper

88 100

58 130.8 68.4 102.6#

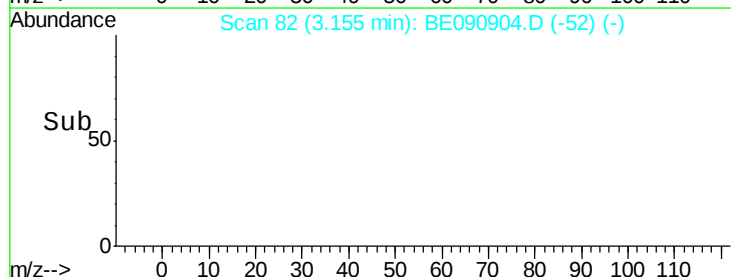
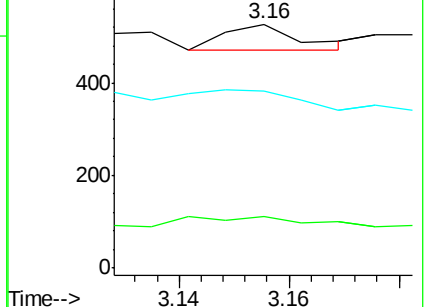
43 319.2 26.9 40.3#



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



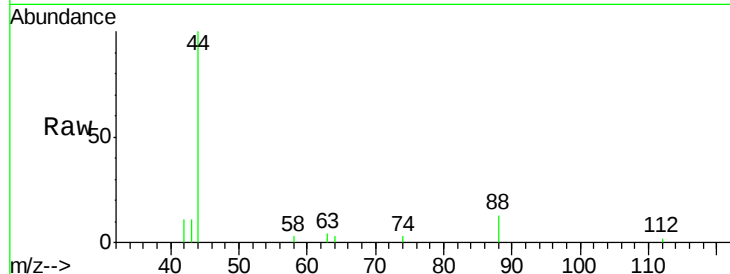


#3

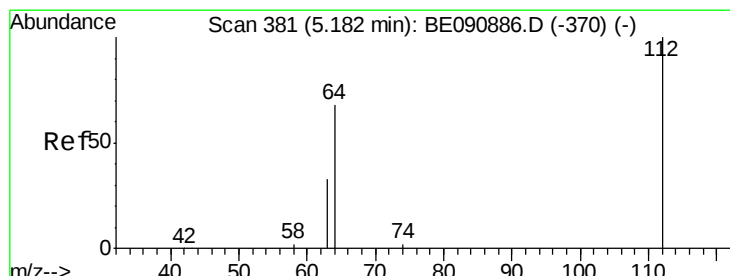
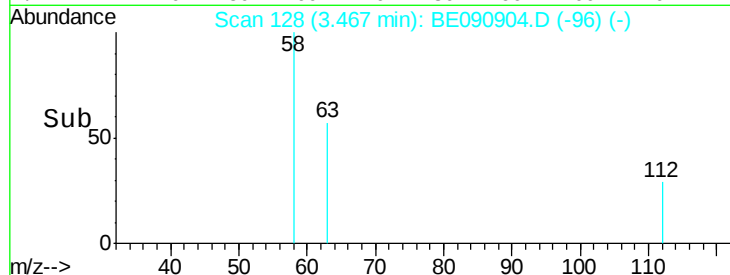
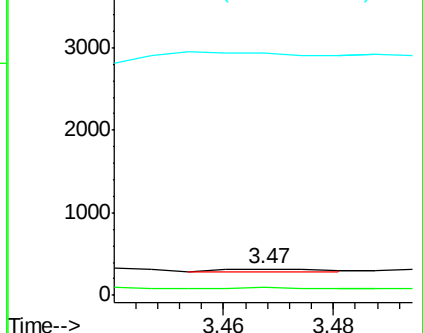
n-Nitrosodimethylamine
 Concen: Below Cal
 RT: 3.47 min Scan# 128
 Delta R.T. 0.02 min
 Lab File: BE090904.D
 Acq: 19 Sep 2015 9:56

Instrument :
 BNA_E
 ClientSampleId :
 091615-D534-F-U-M

Tot Ion: 42 Resp: 39
 Ion Ratio Lower Upper
 42 100
 74 0.0 83.7 125.5#
 44 674.4 10.0 15.0#



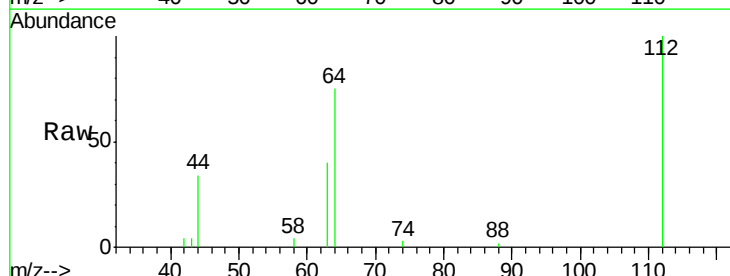
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



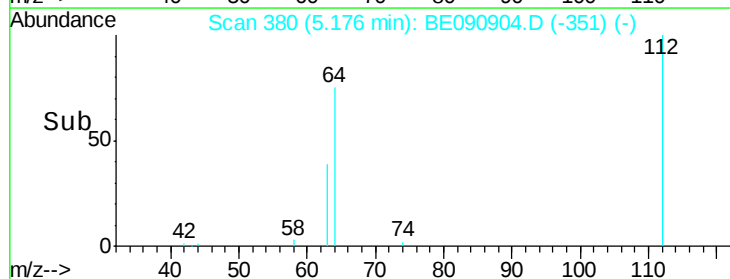
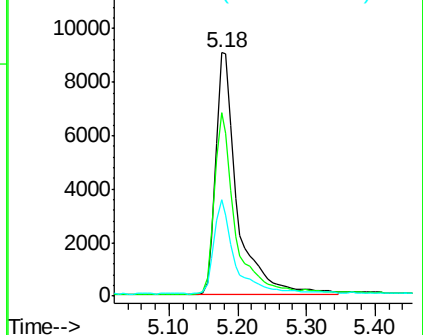
#4

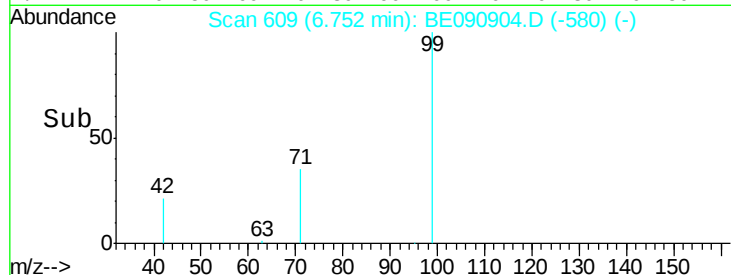
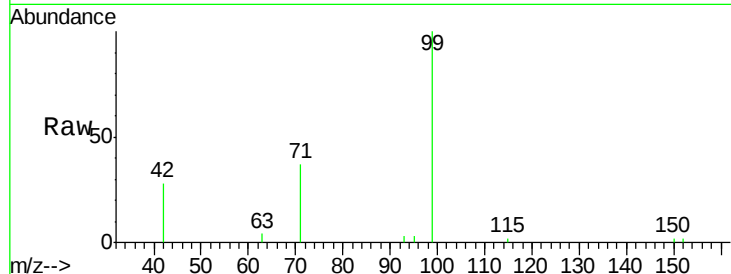
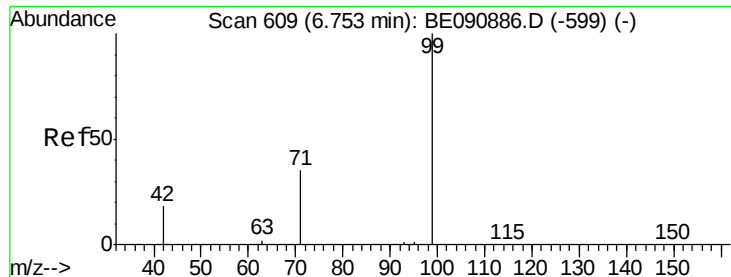
2-Fluorophenol
 Concen: 3.33 ng
 RT: 5.18 min Scan# 380
 Delta R.T. -0.01 min
 Lab File: BE090904.D
 Acq: 19 Sep 2015 9:56

Tgt Ion: 112 Resp: 19870
 Ion Ratio Lower Upper
 112 100
 64 72.9 57.3 85.9
 63 37.3 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: 1.81 ng

RT: 6.75 min Scan# 609

Delta R.T. -0.00 min

Lab File: BE090904.D

Acq: 19 Sep 2015 9:56

Instrument :

BNA_E

ClientSampleId :

091615-D534-F-U-M

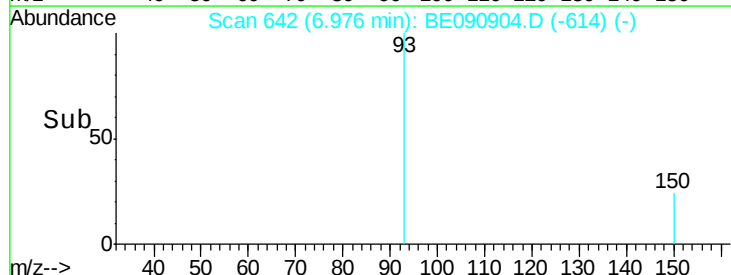
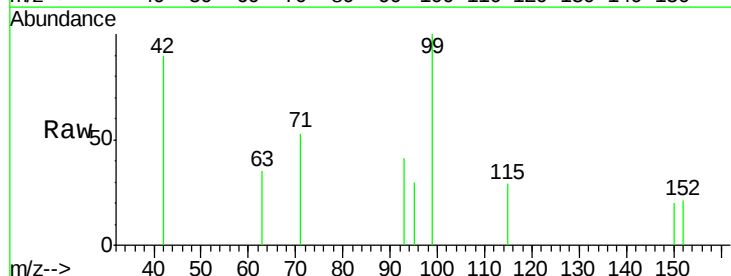
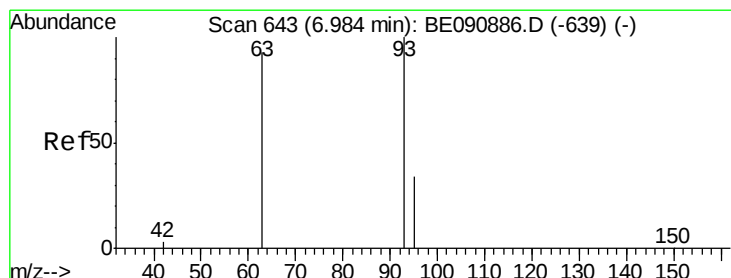
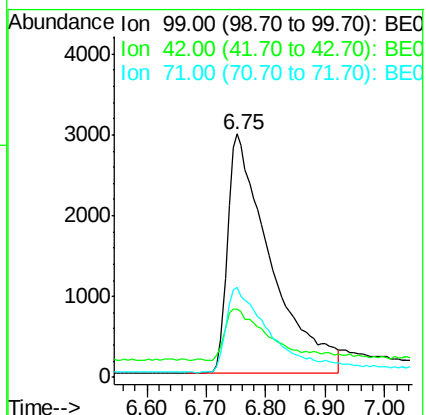
Tot Ion: 99 Resp: 14877

Ion Ratio Lower Upper

99 100

42 22.2 16.8 25.2

71 36.3 28.3 42.5



#6

bis(2-Chloroethyl)ether

Concen: Below Cal

RT: 6.98 min Scan# 642

Delta R.T. -0.01 min

Lab File: BE090904.D

Acq: 19 Sep 2015 9:56

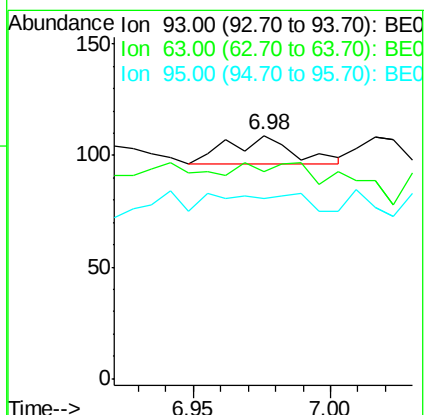
Tgt Ion: 93 Resp: 22

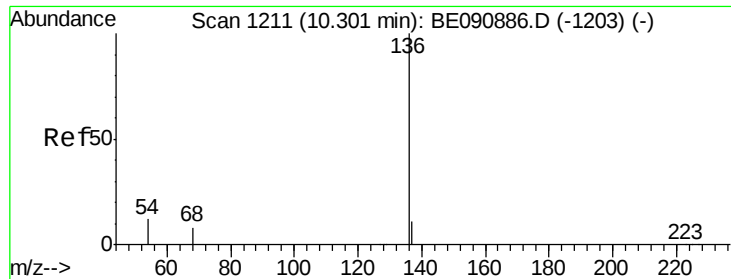
Ion Ratio Lower Upper

93 100

63 218.2 68.5 102.7#

95 0.0 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: BE090904.D

Acq: 19 Sep 2015 9:56

Instrument :

BNA_E

ClientSampleId :

091615-D534-F-U-M

Tot Ion:136 Resp: 111973

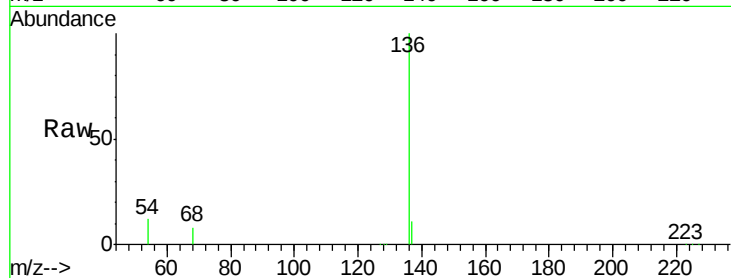
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 11.8 9.0 13.6

68 8.5 6.3 9.5

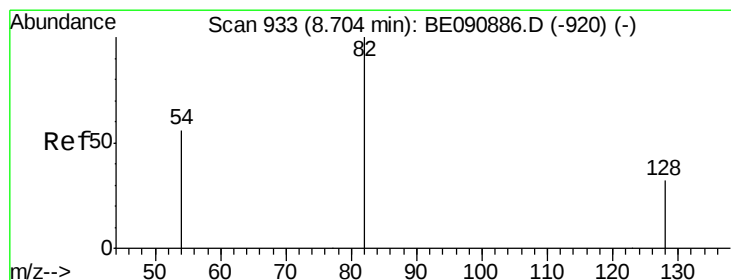
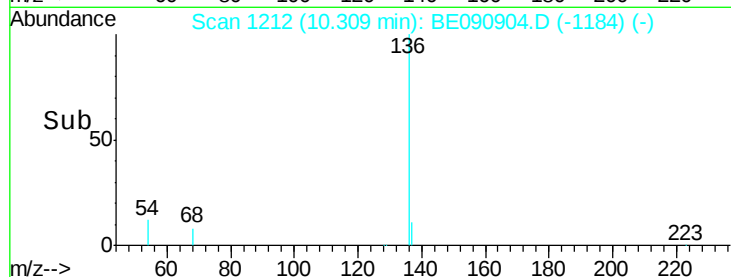
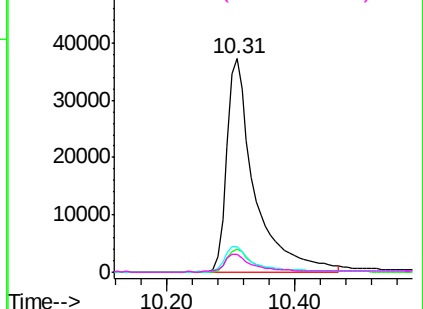


Abundance Ion 136.00 (135.70 to 136.70): E

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: 4.03 ng

RT: 8.71 min Scan# 935

Delta R.T. 0.01 min

Lab File: BE090904.D

Acq: 19 Sep 2015 9:56

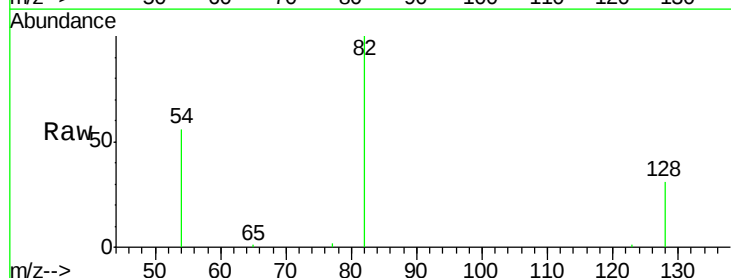
Tgt Ion: 82 Resp: 31120

Ion Ratio Lower Upper

82 100

128 30.8 25.0 37.4

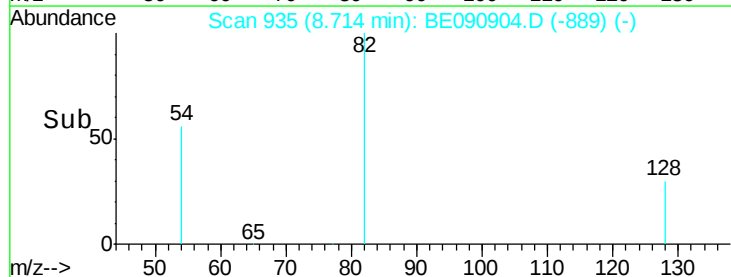
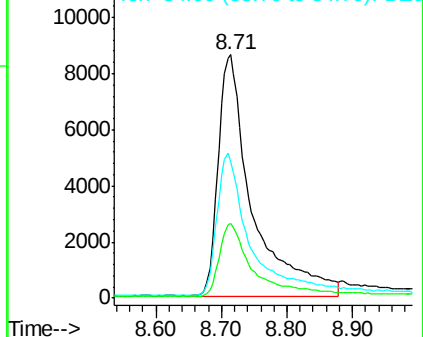
54 56.1 46.3 69.5

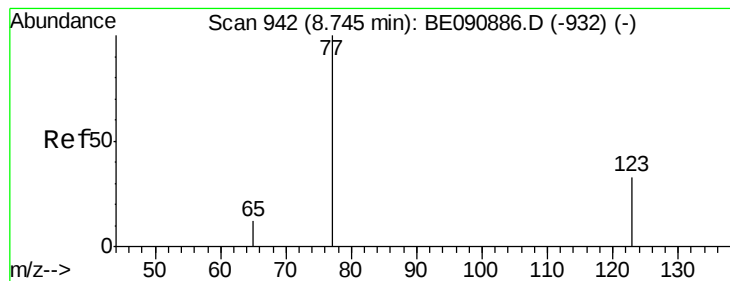


Abundance Ion 82.00 (81.70 to 82.70): BE0

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: 8.79 min Scan# 951

Delta R.T. 0.04 min

Lab File: BE090904.D

Acq: 19 Sep 2015 9:56

Instrument :

BNA_E

ClientSampleId :

091615-D534-F-U-M

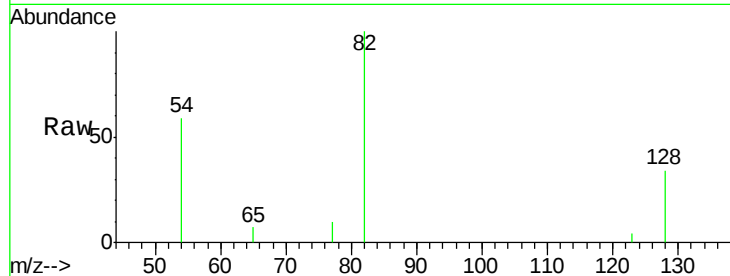
Tot Ion: 77 Resp: 7

Ion Ratio Lower Upper

77 100

123 57.1 25.1 37.7#

65 100.0 9.9 14.9#

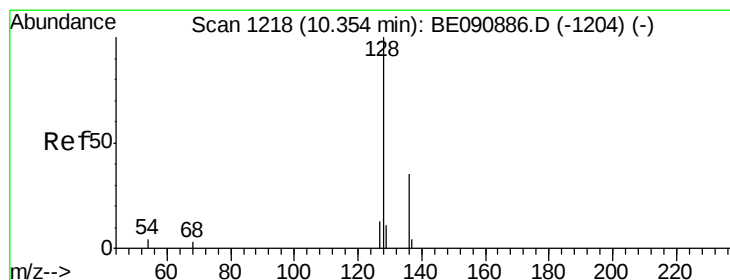
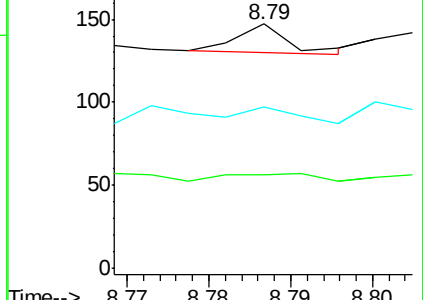
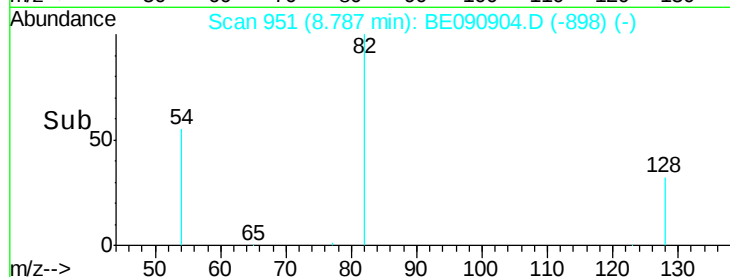


Abundance Ion 77.00 (76.70 to 77.70): BE090886.D (-932) (-)

Ion 123.00 (122.70 to 123.70): BE090886.D (-932) (-)

Ion 65.00 (64.70 to 65.70): BE090886.D (-932) (-)

Time--> 8.77 8.78 8.79 8.80



#10

Naphthalene

Concen: Below Cal

RT: 10.35 min Scan# 1218

Delta R.T. 0.00 min

Lab File: BE090904.D

Acq: 19 Sep 2015 9:56

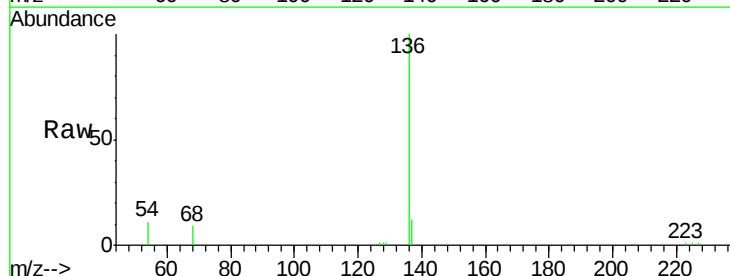
Tgt Ion: 128 Resp: 73

Ion Ratio Lower Upper

128 100

129 58.4 8.4 12.6#

127 58.4 9.9 14.9#

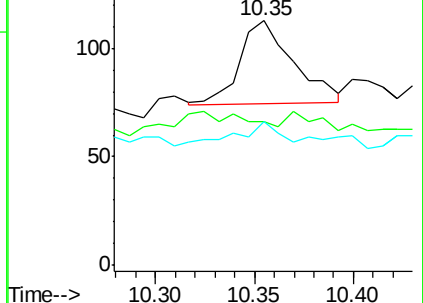
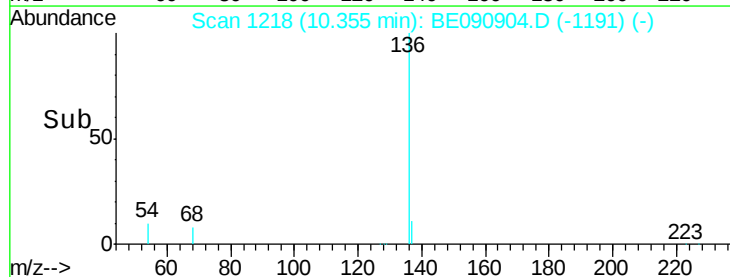


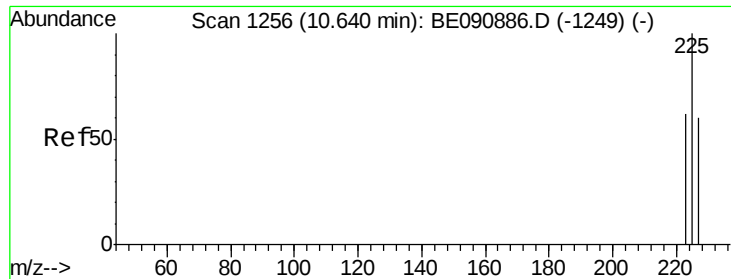
Abundance Ion 128.00 (127.70 to 128.70): BE090886.D (-1204) (-)

Ion 129.00 (128.70 to 129.70): BE090886.D (-1204) (-)

Ion 127.00 (126.70 to 127.70): BE090886.D (-1204) (-)

Time--> 10.30 10.35 10.40

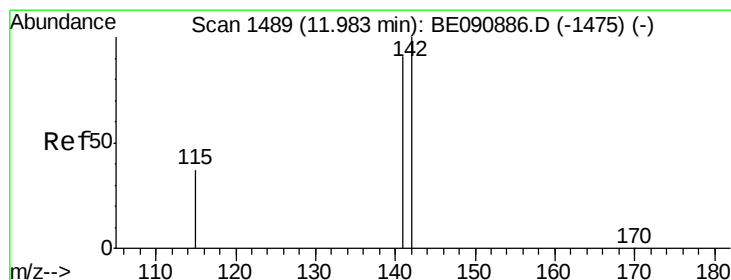
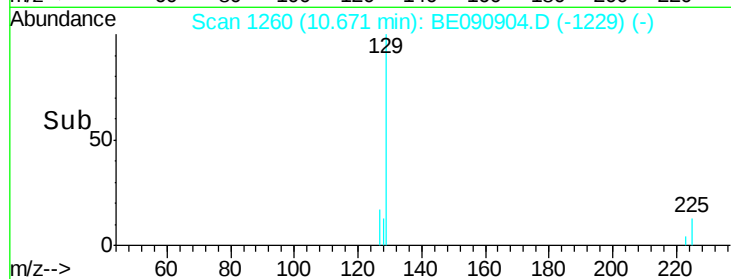
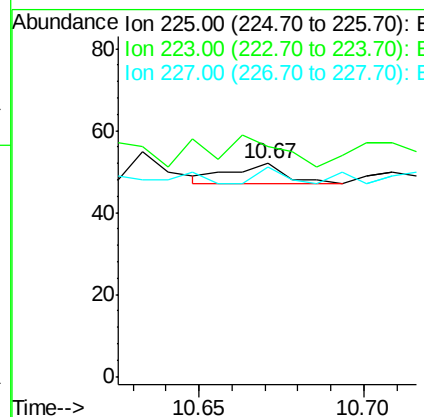
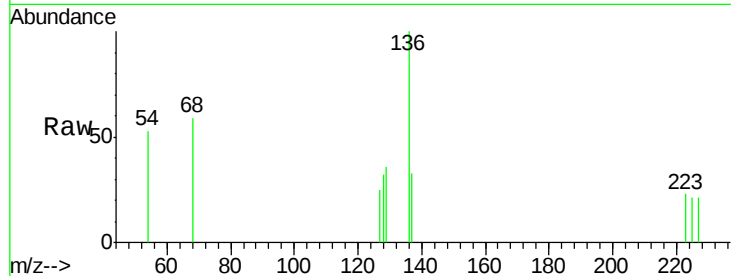




#11
Hexachlorobutadiene
Concen: Below Cal
RT: 10.67 min Scan# 1260
Delta R.T. 0.03 min
Lab File: BE090904.D
Acq: 19 Sep 2015 9:56

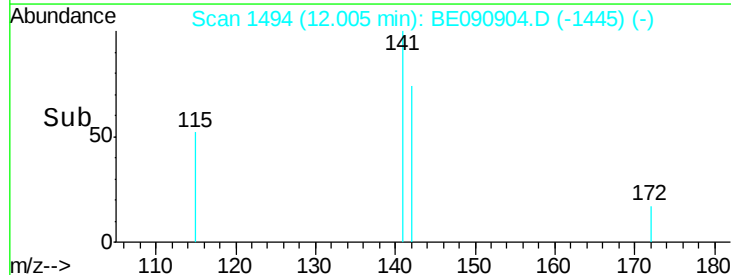
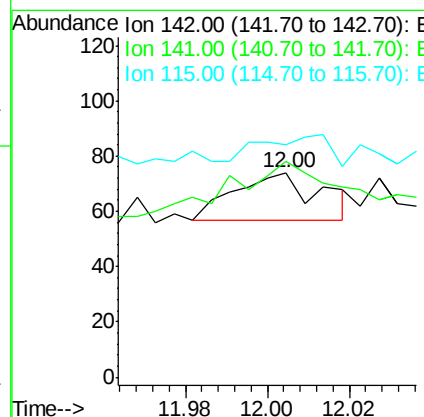
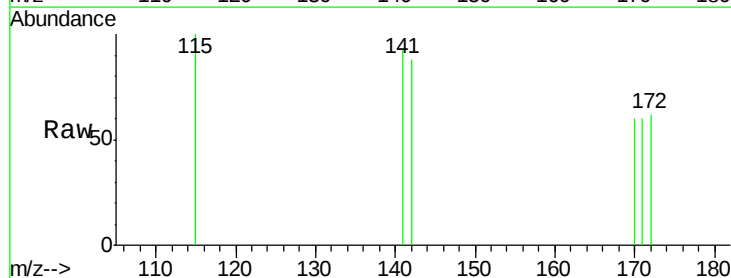
Instrument :
BNA_E
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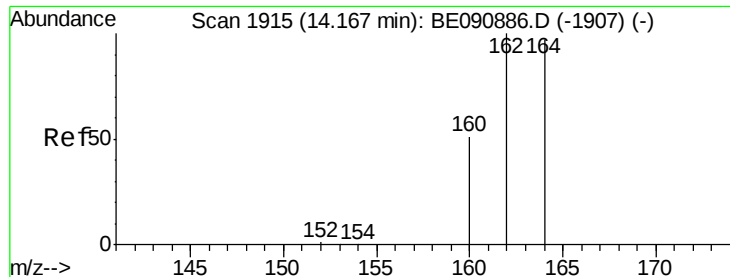
Tot Ion: 225 Resp: 6
Ion Ratio Lower Upper
225 100
223 200.0 50.6 76.0#
227 33.3 51.0 76.6#



#12
2-Methylnaphthalene
Concen: 0.00 ng
RT: 12.00 min Scan# 1494
Delta R.T. 0.02 min
Lab File: BE090904.D
Acq: 19 Sep 2015 9:56

Tgt Ion: 142 Resp: 25
Ion Ratio Lower Upper
142 100
141 105.4 71.4 107.2
115 113.5 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: BE090904.D

Acq: 19 Sep 2015 9:56

Instrument :

BNA_E

ClientSampleId :

091615-D534-F-U-M

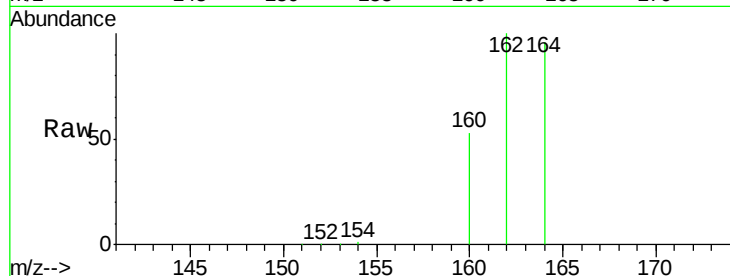
Tot Ion:164 Resp: 61024

Ion Ratio Lower Upper

164 100

162 104.3 86.8 130.2

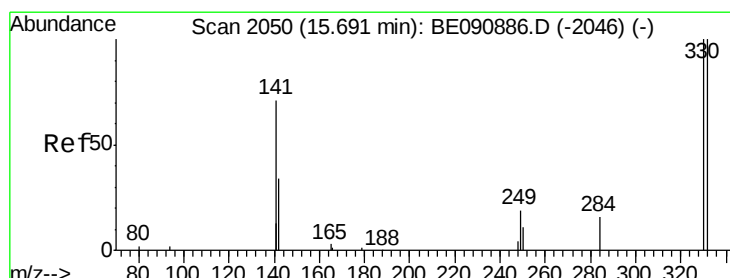
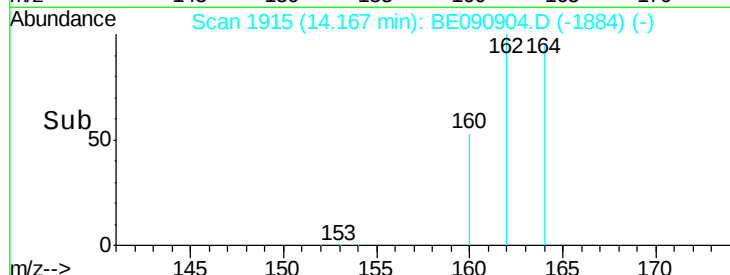
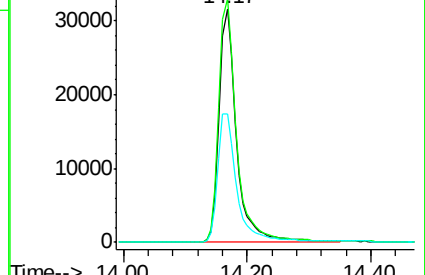
160 55.3 53.9 80.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 8.97 ng

RT: 15.67 min Scan# 2049

Delta R.T. -0.02 min

Lab File: BE090904.D

Acq: 19 Sep 2015 9:56

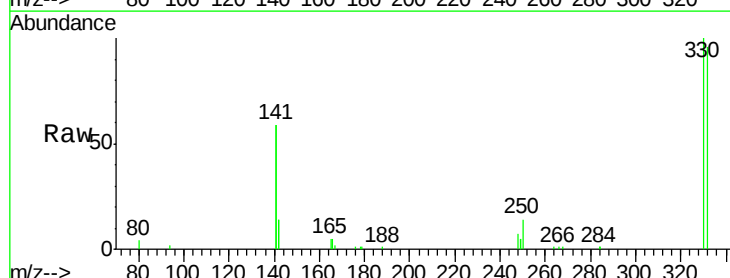
Tgt Ion:330 Resp: 19322

Ion Ratio Lower Upper

330 100

332 96.6 74.9 112.3

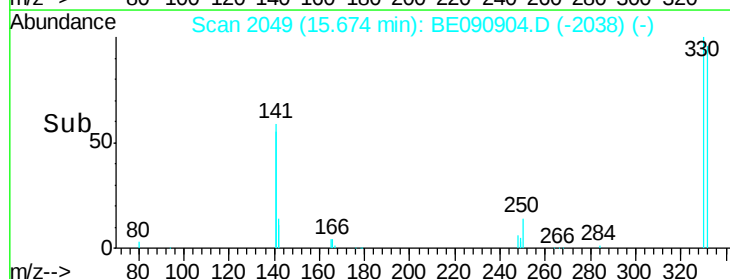
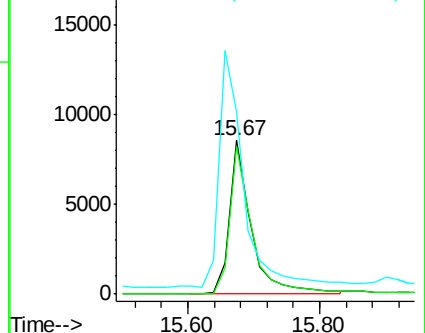
141 175.5 145.2 217.8

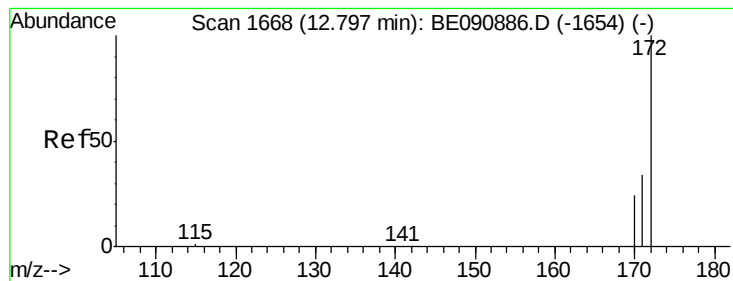


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 3.95 ng

RT: 12.80 min Scan# 1668

Delta R.T. -0.00 min

Lab File: BE090904.D

Acq: 19 Sep 2015 9:56

Instrument :

BNA_E

ClientSampleId :

091615-D534-F-U-M

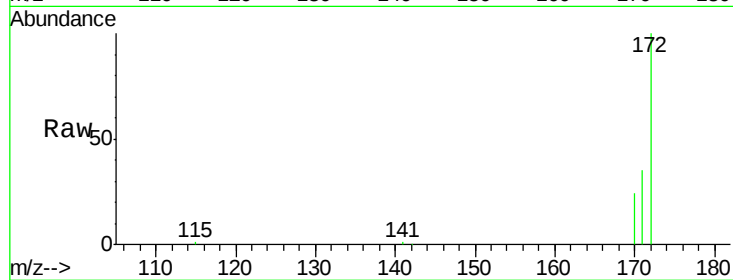
Tot Ion:172 Resp: 68361

Ion Ratio Lower Upper

172 100

171 35.3 27.8 41.8

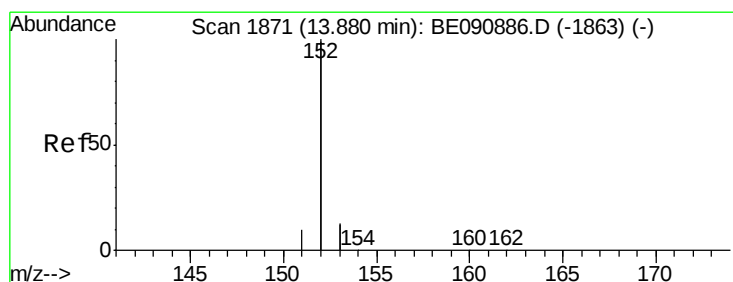
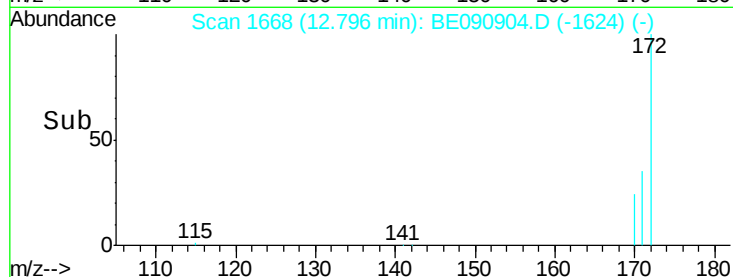
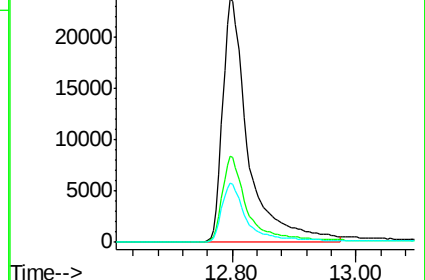
170 24.4 19.8 29.6



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16

Acenaphthylene

Concen: 0.00 ng

RT: 13.89 min Scan# 1872

Delta R.T. 0.01 min

Lab File: BE090904.D

Acq: 19 Sep 2015 9:56

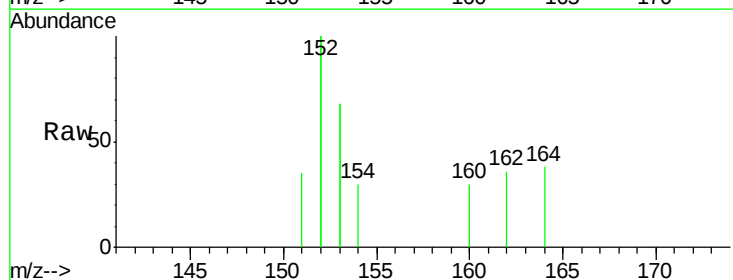
Tgt Ion:152 Resp: 217

Ion Ratio Lower Upper

152 100

151 6.5 3.9 5.9#

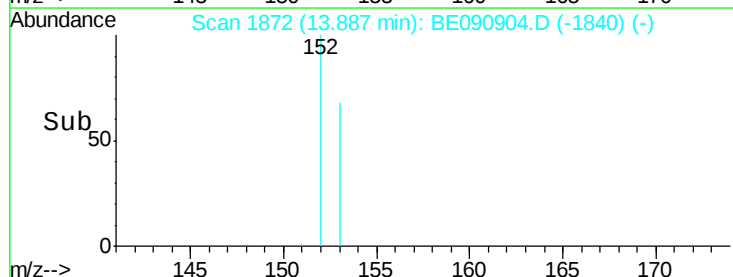
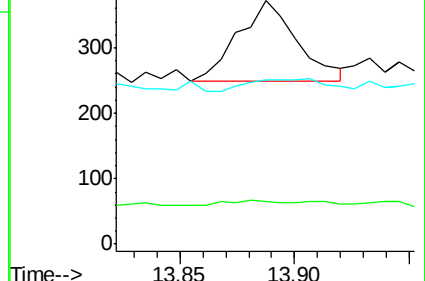
153 0.0 10.3 15.5#



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





#17

Acenaphthene

Concen: 0.00 ng

RT: 14.23 min Scan# 1924

Delta R.T. 0.00 min

Lab File: BE090904.D

Acq: 19 Sep 2015 9:56

Instrument :

BNA_E

ClientSampleId :

091615-D534-F-U-M

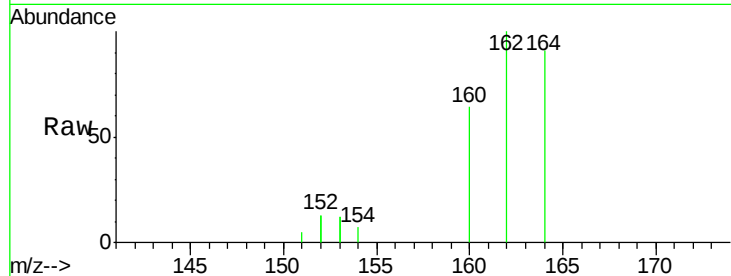
Tot Ion:154 Resp: 51

Ion Ratio Lower Upper

154 100

153 329.4 354.5 531.7#

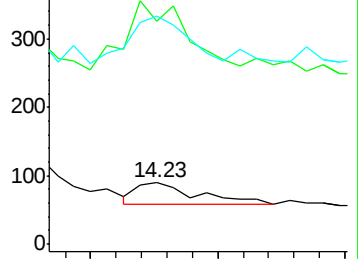
152 217.6 227.8 341.6#



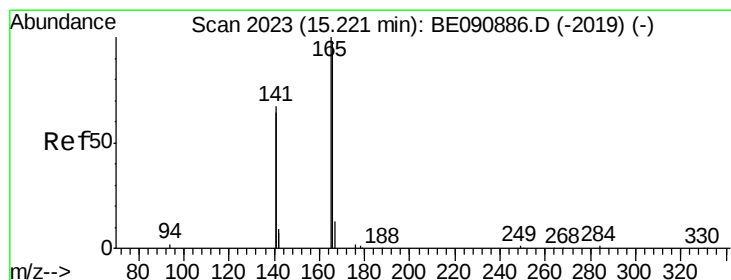
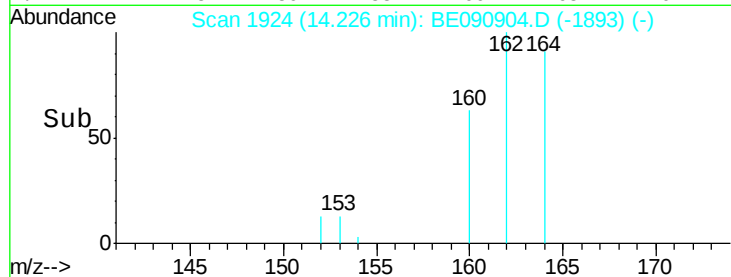
Abundance Ion 154.00 (153.70 to 154.70): E

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: 15.24 min Scan# 2024

Delta R.T. 0.02 min

Lab File: BE090904.D

Acq: 19 Sep 2015 9:56

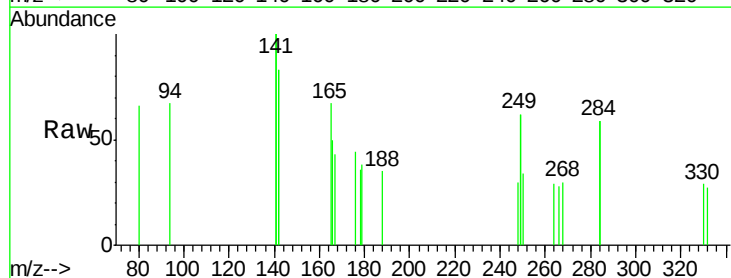
Tgt Ion:166 Resp: 62

Ion Ratio Lower Upper

166 100

165 279.0 82.7 124.1#

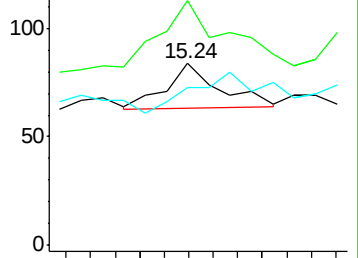
167 0.0 10.7 16.1#



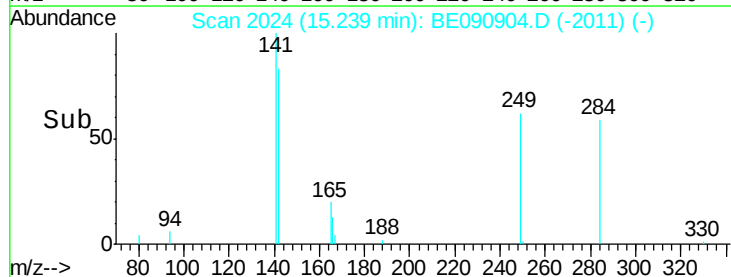
Abundance Ion 166.00 (165.70 to 166.70): E

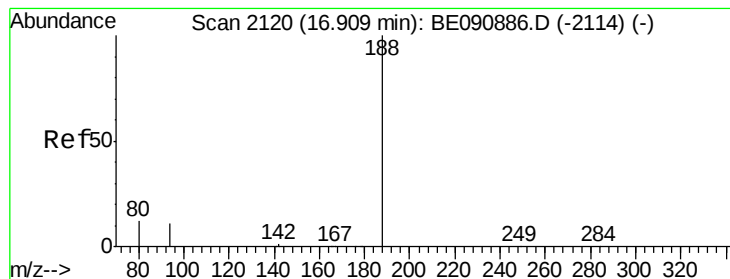
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.91 min Scan# 2120

Delta R.T. 0.00 min

Lab File: BE090904.D

Acq: 19 Sep 2015 9:56

Instrument :

BNA_E

ClientSampleId :

091615-D534-F-U-M

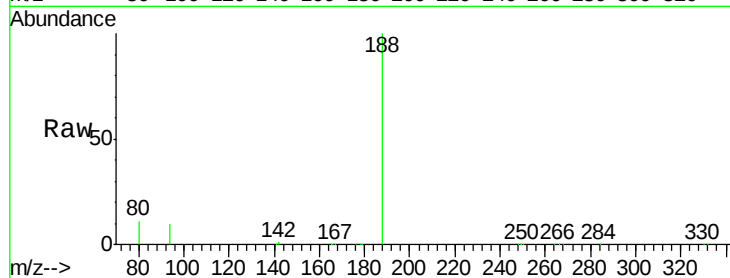
Tot Ion:188 Resp: 156283

Ion Ratio Lower Upper

188 100

94 9.7 10.3 15.5#

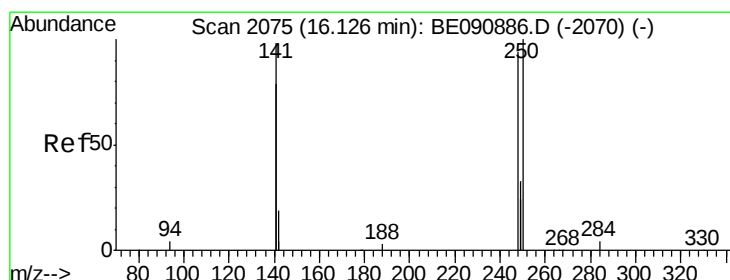
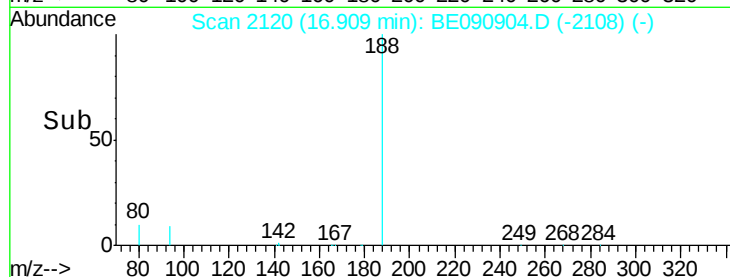
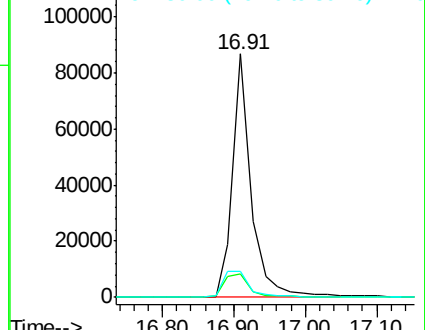
80 10.7 11.0 16.6#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 0.01 ng

RT: 16.09 min Scan# 2073

Delta R.T. -0.03 min

Lab File: BE090904.D

Acq: 19 Sep 2015 9:56

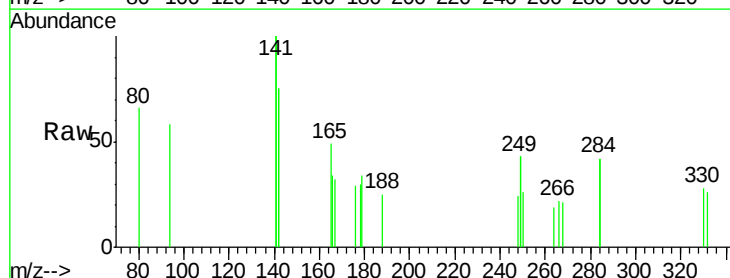
Tgt Ion:248 Resp: 33

Ion Ratio Lower Upper

248 100

250 0.0 76.7 115.1#

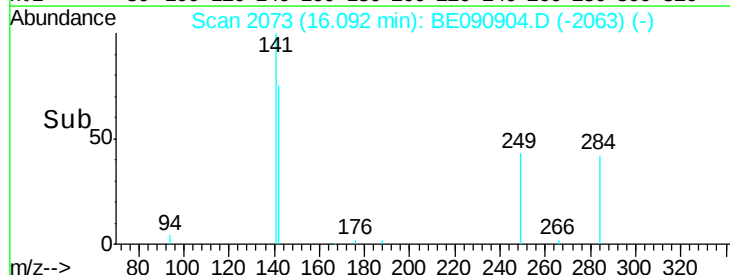
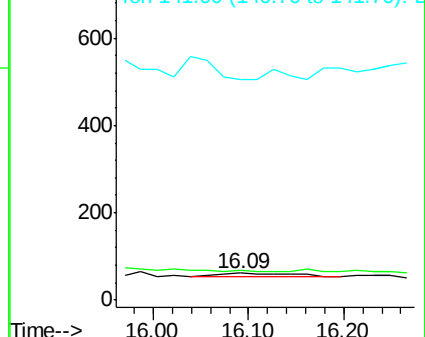
141 0.0 292.6 439.0#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: Below Cal

RT: 16.28 min Scan# 2084

Delta R.T. 0.05 min

Lab File: BE090904.D

Acq: 19 Sep 2015 9:56

Instrument :

BNA_E

ClientSampleId :

091615-D534-F-U-M

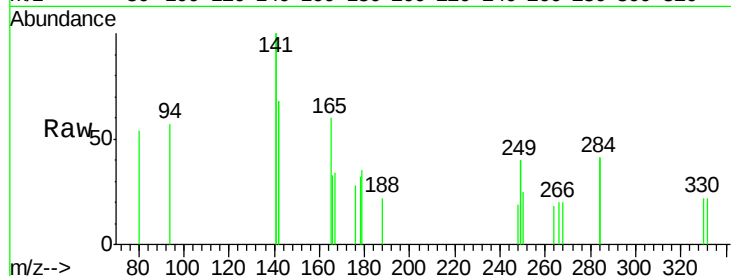
Tot Ion:284 Resp: 65

Ion Ratio Lower Upper

284 100

142 0.0 35.0 52.4#

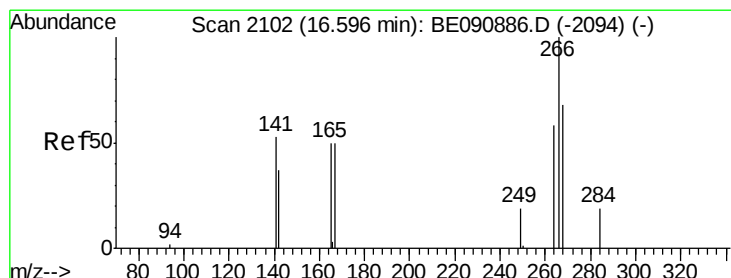
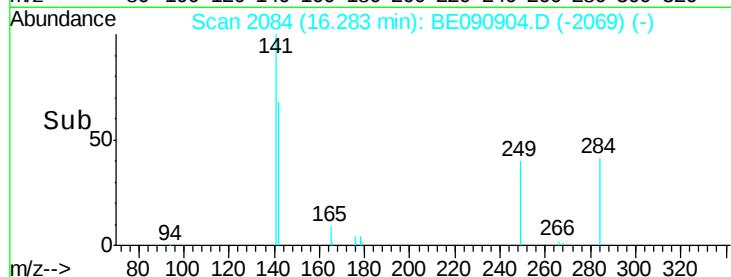
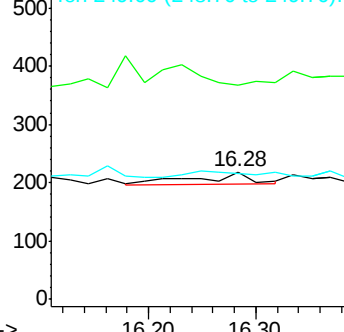
249 0.0 25.5 38.3#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.19 ng

RT: 16.63 min Scan# 2104

Delta R.T. 0.04 min

Lab File: BE090904.D

Acq: 19 Sep 2015 9:56

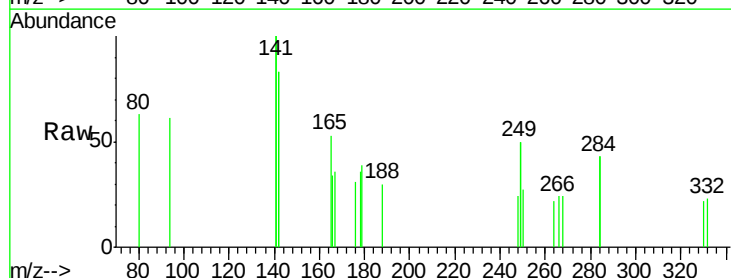
Tgt Ion:266 Resp: 25

Ion Ratio Lower Upper

266 100

268 100.0 49.6 74.4#

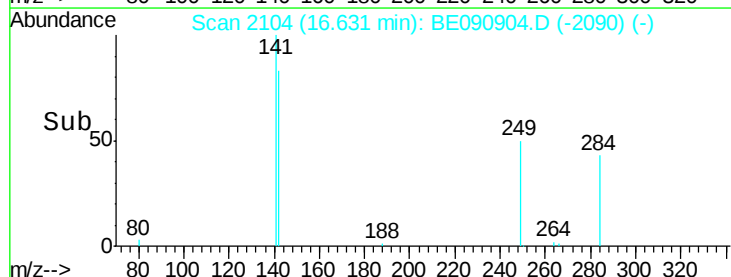
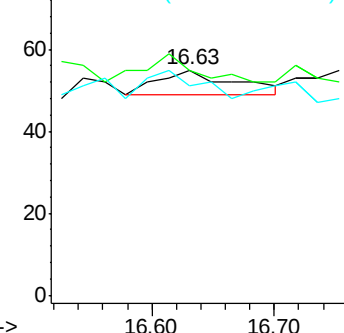
264 92.7 53.9 80.9#

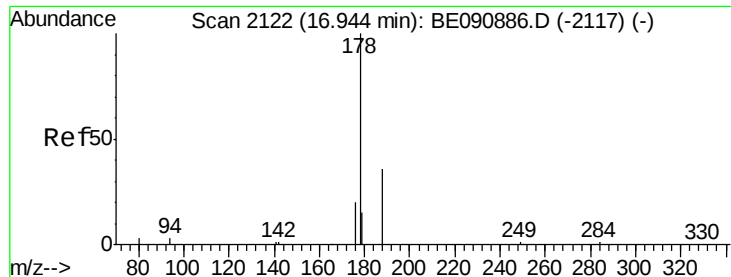


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#23

Phenanthrene

Concen: Below Cal

RT: 16.94 min Scan# 2122

Delta R.T. 0.00 min

Lab File: BE090904.D

Acq: 19 Sep 2015 9:56

Instrument :

BNA_E

ClientSampleId :

091615-D534-F-U-M

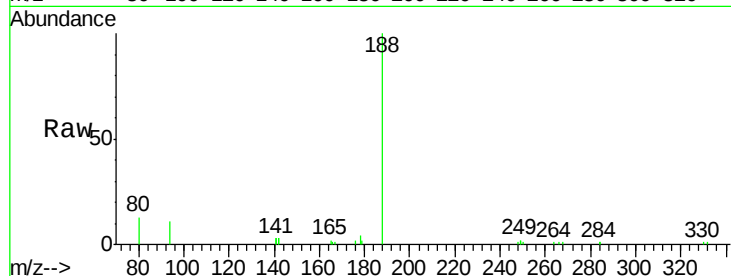
Tot Ion:178 Resp: 601

Ion Ratio Lower Upper

178 100

176 23.1 15.6 23.4

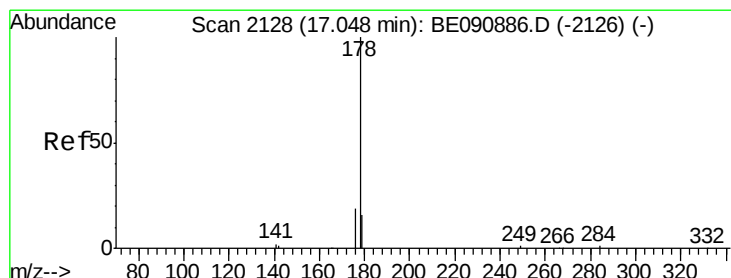
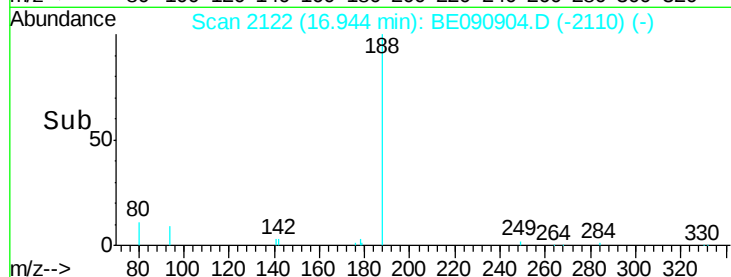
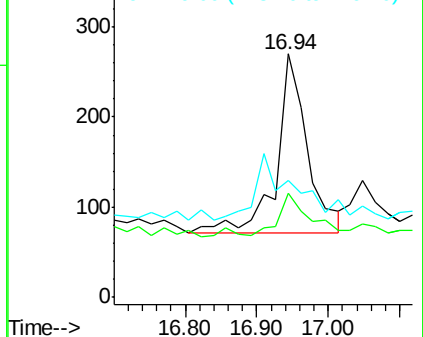
179 0.0 12.8 19.2#



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: 0.00 ng

RT: 17.05 min Scan# 2128

Delta R.T. 0.00 min

Lab File: BE090904.D

Acq: 19 Sep 2015 9:56

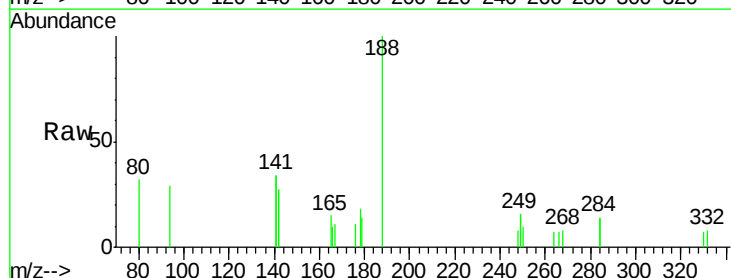
Tgt Ion:178 Resp: 106

Ion Ratio Lower Upper

178 100

176 12.3 15.0 22.6#

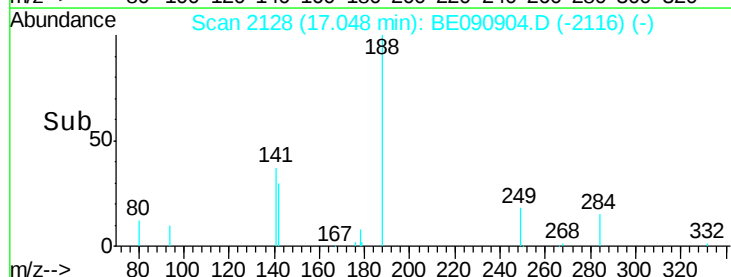
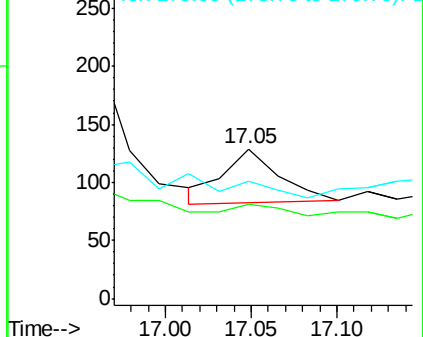
179 0.0 12.3 18.5#

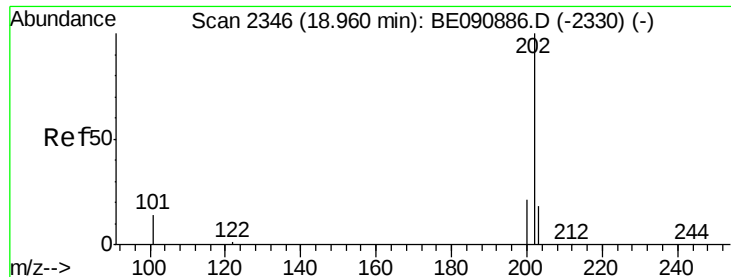


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene

Concen: 0.01 ng

RT: 18.96 min Scan# 2345

Delta R.T. -0.00 min

Lab File: BE090904.D

Acq: 19 Sep 2015 9:56

Instrument :

BNA_E

ClientSampleId :

091615-D534-F-U-M

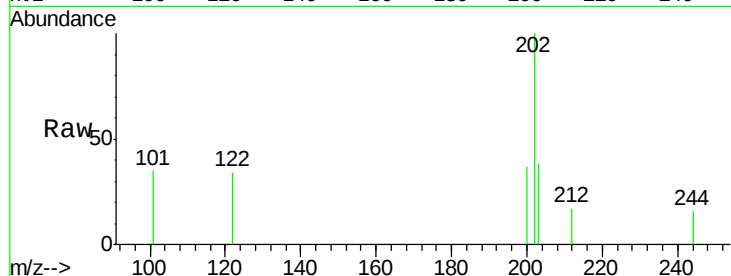
Tot Ion:202 Resp: 515

Ion Ratio Lower Upper

202 100

101 21.4 11.0 16.6#

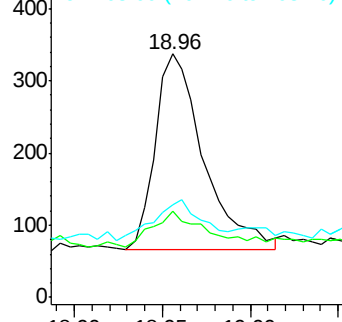
203 20.8 13.9 20.9



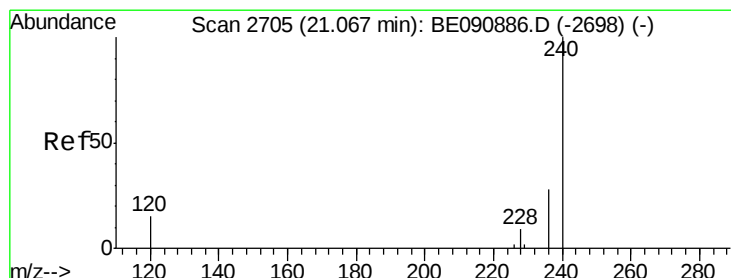
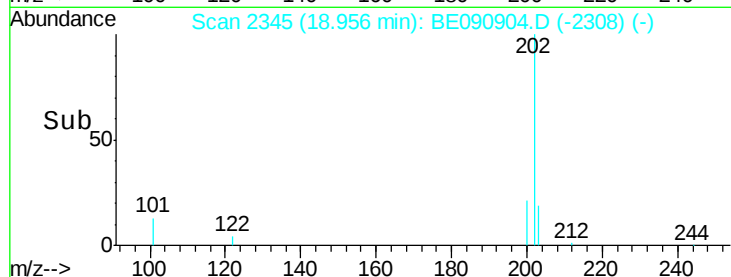
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#26

Chrysene-d12

Concen: 5.00 ng

RT: 21.07 min Scan# 2704

Delta R.T. -0.00 min

Lab File: BE090904.D

Acq: 19 Sep 2015 9:56

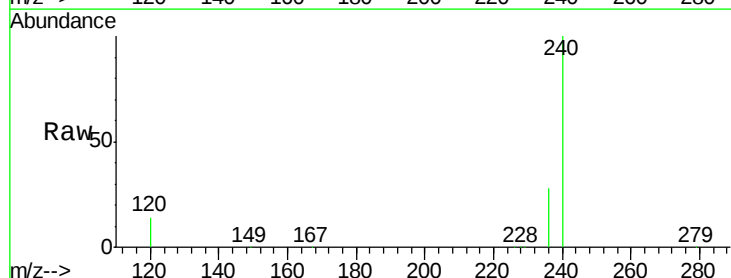
Tgt Ion:240 Resp: 218869

Ion Ratio Lower Upper

240 100

120 14.1 10.1 15.1

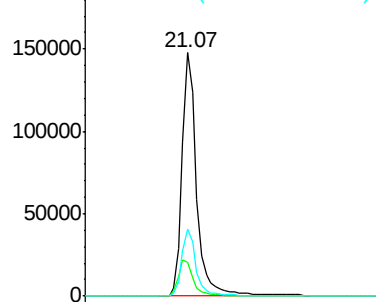
236 27.7 21.9 32.9



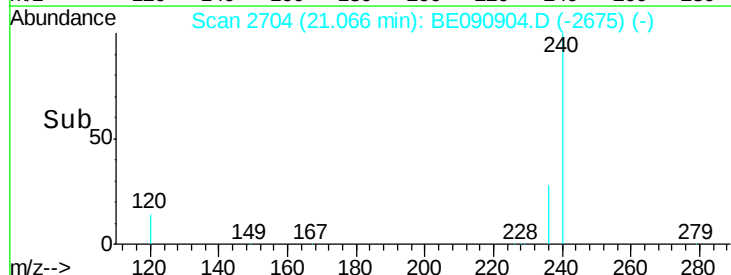
Abundance Ion 240.00 (239.70 to 240.70): E

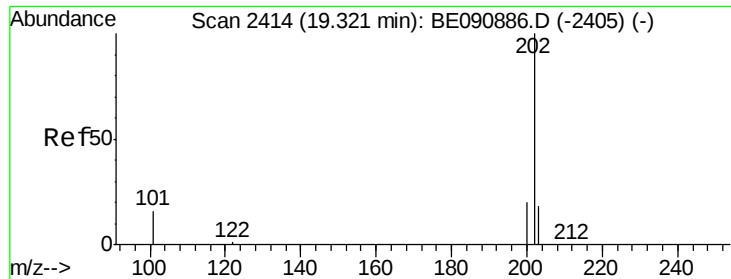
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#27

Pvrene

Concen: 0.01 ng

RT: 19.32 min Scan# 2413

Delta R.T. -0.00 min

Lab File: BE090904.D

Acq: 19 Sep 2015 9:56

Instrument :

BNA_E

ClientSampleId :

091615-D534-F-U-M

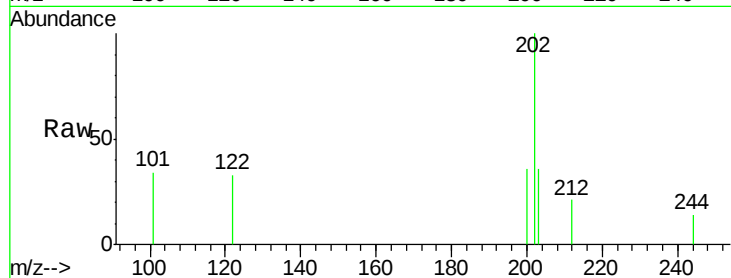
Tot Ion:202 Resp: 576

Ion Ratio Lower Upper

202 100

200 21.0 16.7 25.1

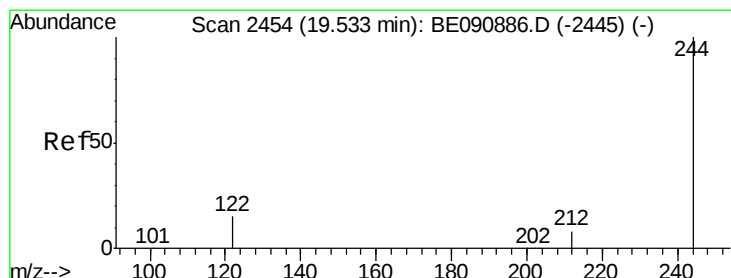
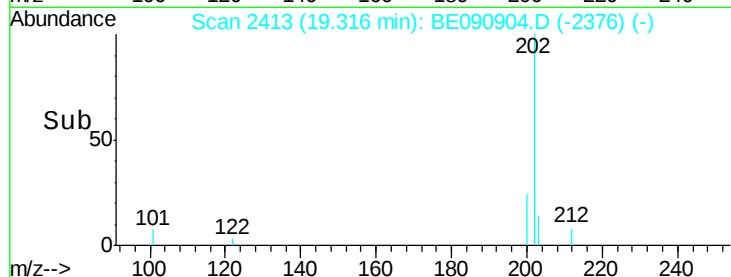
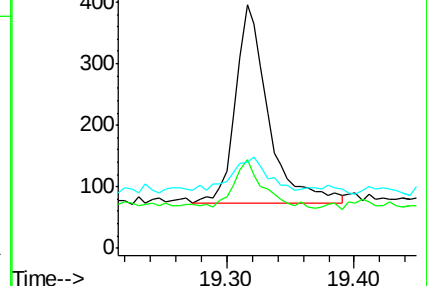
203 18.8 13.8 20.6



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



#28

Terphenyl-d14

Concen: 5.70 ng

RT: 19.52 min Scan# 2452

Delta R.T. -0.01 min

Lab File: BE090904.D

Acq: 19 Sep 2015 9:56

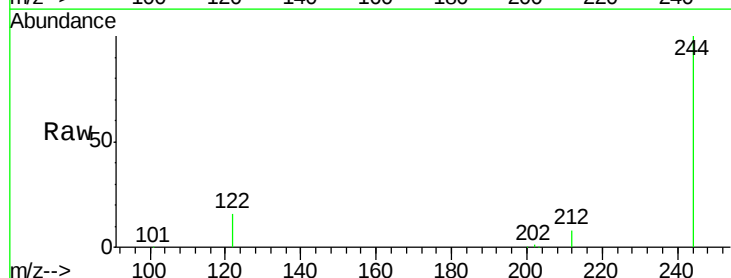
Tgt Ion:244 Resp: 140900

Ion Ratio Lower Upper

244 100

212 8.4 6.9 10.3

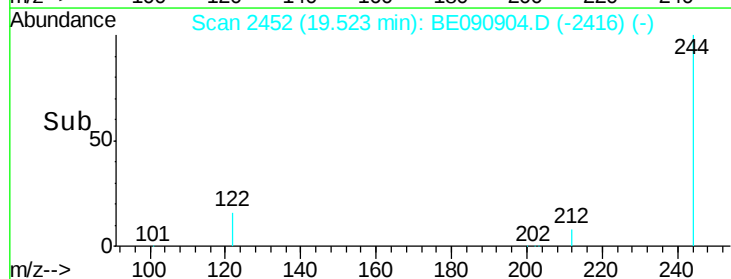
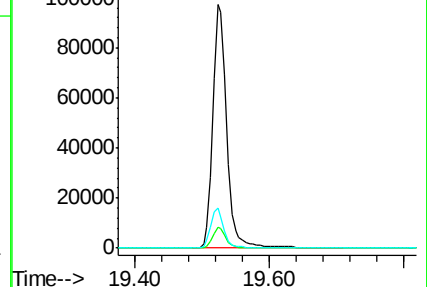
122 16.2 12.9 19.3

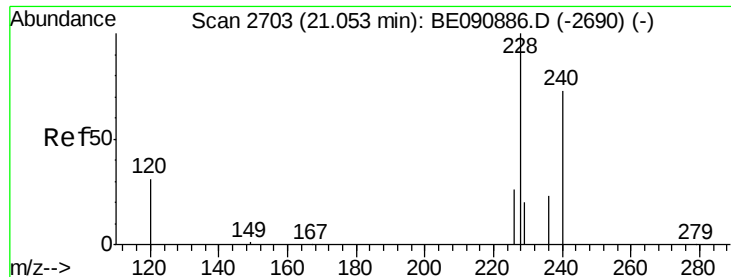


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

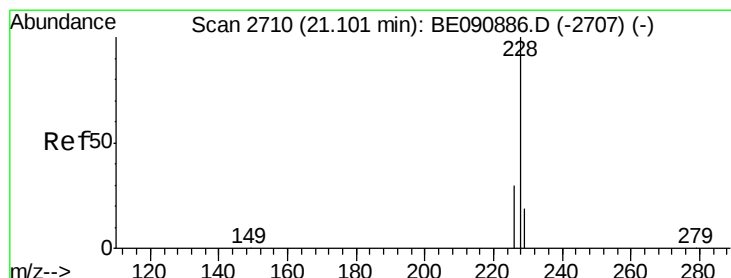
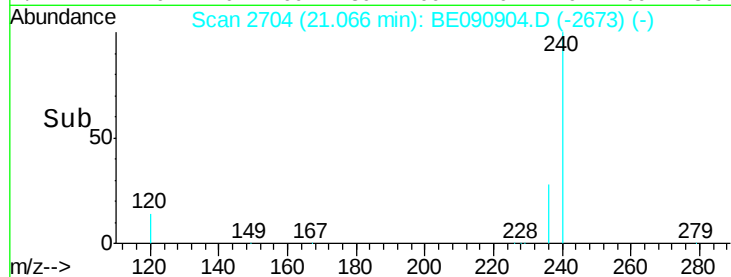
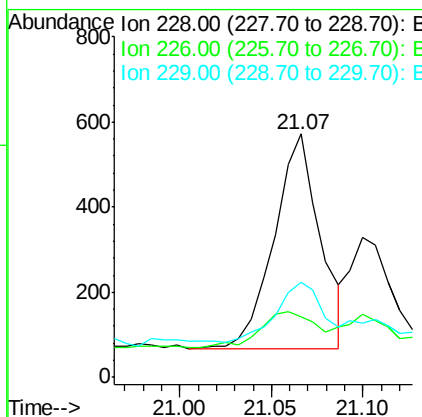
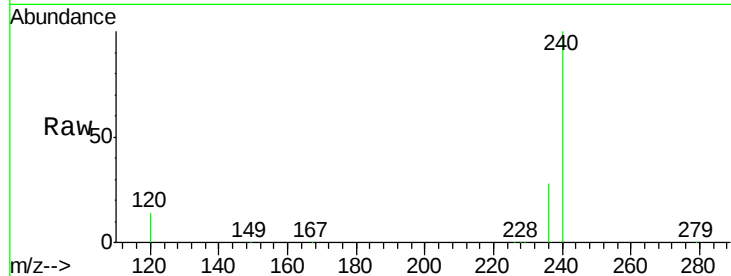




#29
Benzo(a)anthracene
Concen: 0.02 ng
RT: 21.07 min Scan# 2704
Delta R.T. 0.01 min
Lab File: BE090904.D
Acq: 19 Sep 2015 9:56

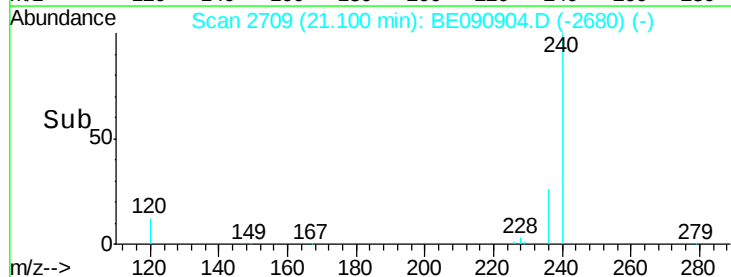
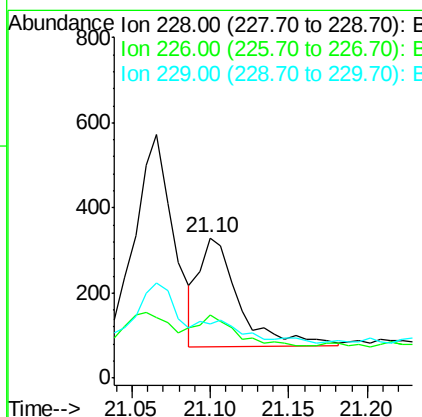
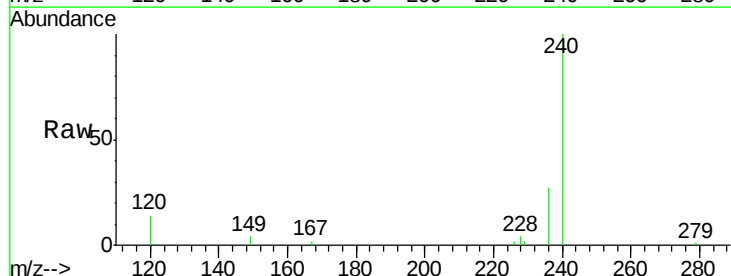
Instrument :
BNA_E
ClientSampleId :
091615-D534-F-U-M

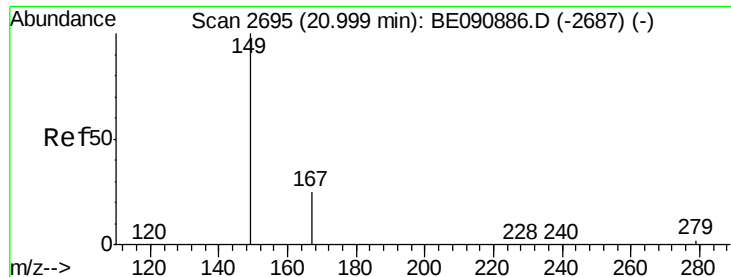
Tot Ion:228 Resp: 884
Ion Ratio Lower Upper
228 100
226 24.7 21.6 32.4
229 39.2 15.9 23.9#



#30
Chrysene
Concen: Below Cal
RT: 21.10 min Scan# 2709
Delta R.T. -0.00 min
Lab File: BE090904.D
Acq: 19 Sep 2015 9:56

Tgt Ion:228 Resp: 449
Ion Ratio Lower Upper
228 100
226 45.2 24.2 36.4#
229 38.5 15.3 22.9#





#31

Bis(2-ethylhexyl)phthalate

Concen: 0.27 ng

RT: 21.00 min Scan# 2694

Delta R.T. -0.00 min

Lab File: BE090904.D

Acq: 19 Sep 2015 9:56

Instrument :

BNA_E

ClientSampleId :

091615-D534-F-U-M

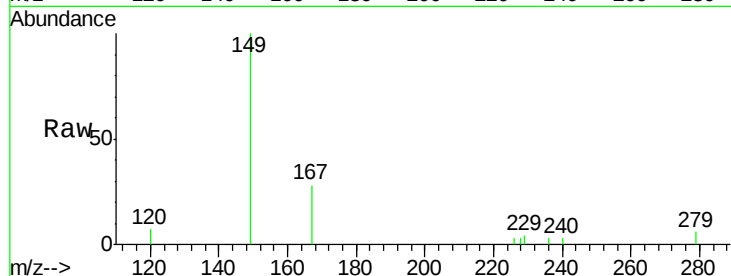
Tot Ion:149 Resp: 2692

Ion Ratio Lower Upper

149 100

167 23.1 20.1 30.1

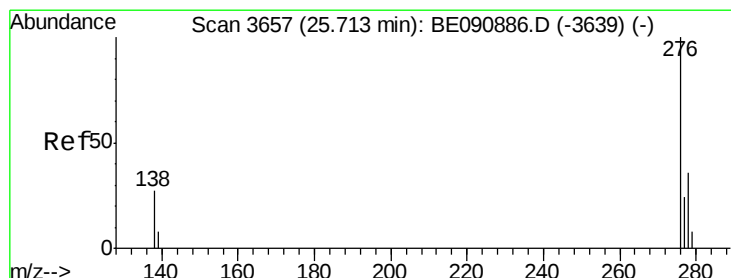
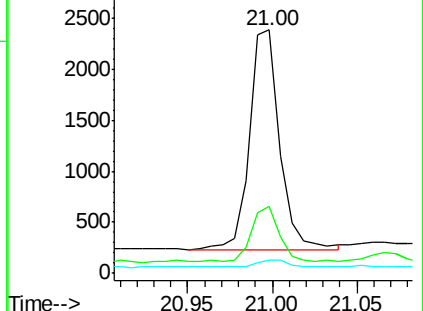
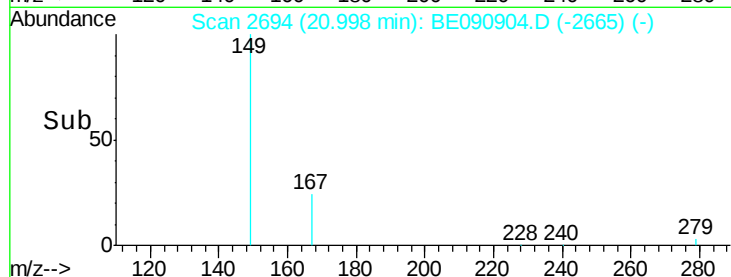
279 3.2 2.3 3.5



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



#32

Indeno(1,2,3-cd)pyrene

Concen: 0.00 ng

RT: 25.72 min Scan# 3659

Delta R.T. 0.01 min

Lab File: BE090904.D

Acq: 19 Sep 2015 9:56

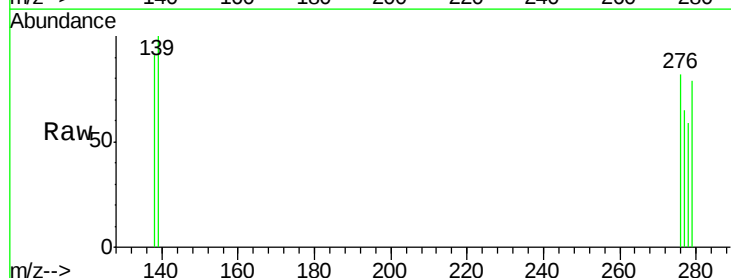
Tgt Ion:276 Resp: 47

Ion Ratio Lower Upper

276 100

138 12.8 23.3 34.9#

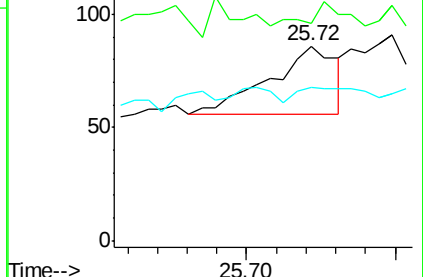
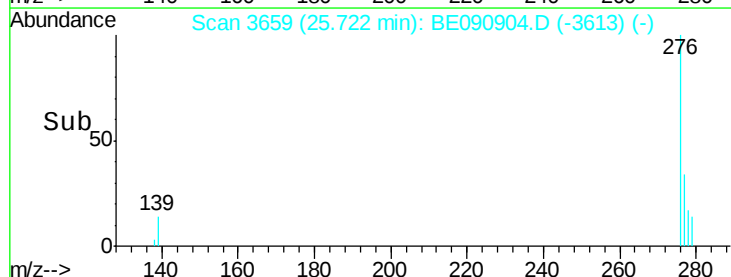
277 21.3 19.8 29.6

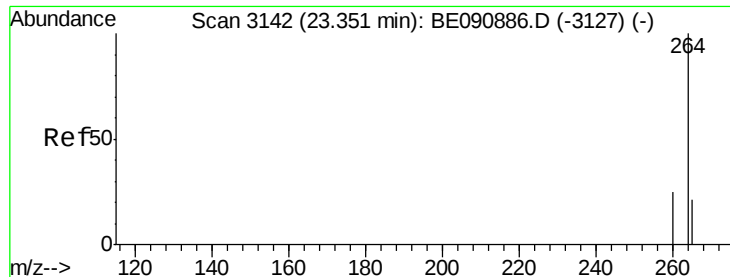


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

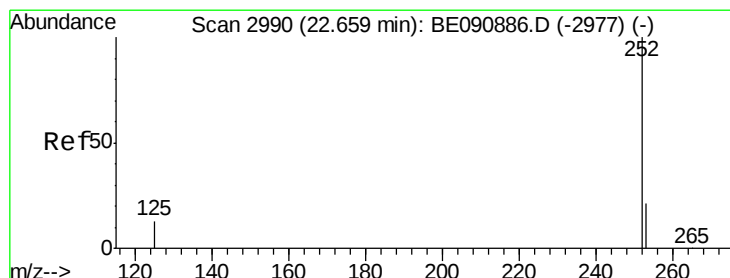
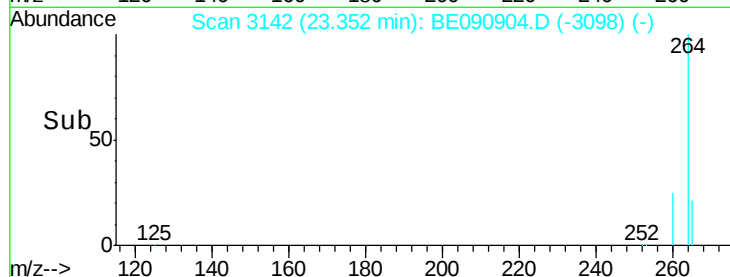
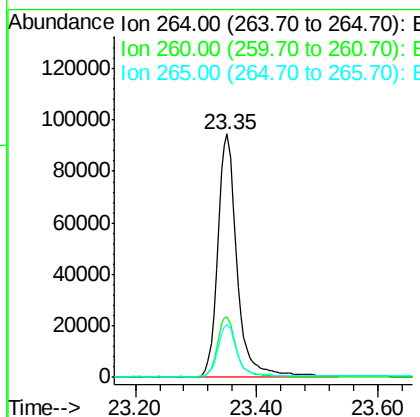
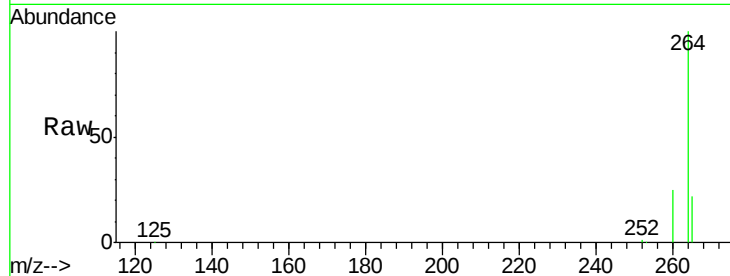




#33
 Pervlene-d12
 Concen: 5.00 ng
 RT: 23.35 min Scan# 3142
 Delta R.T. 0.00 min
 Lab File: BE090904.D
 Acq: 19 Sep 2015 9:56

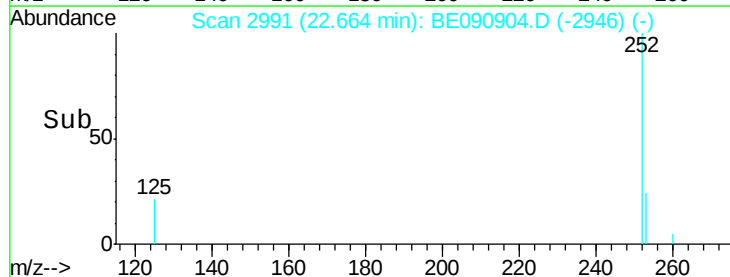
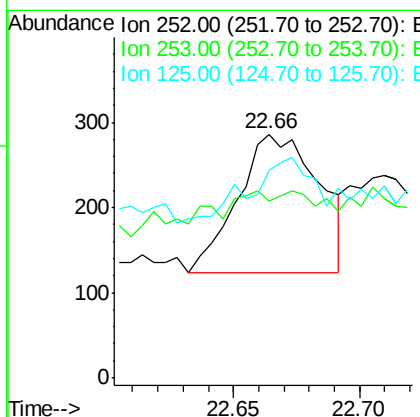
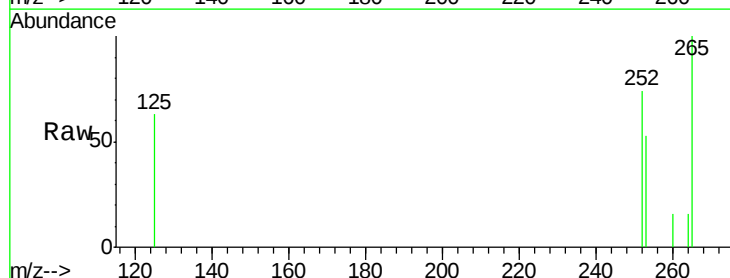
Instrument :
 BNA_E
 ClientSampleId :
 091615-D534-F-U-M

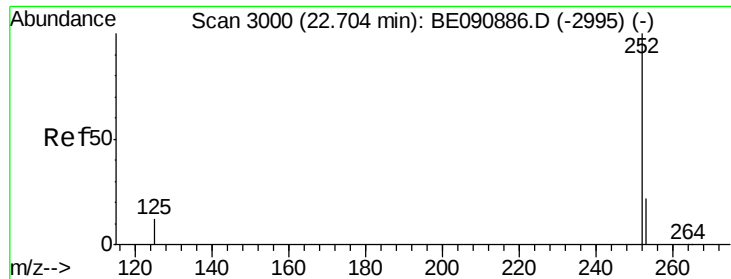
Tot Ion:264 Resp: 209723
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.7 29.5
 265 21.9 17.5 26.3



#34
 Benzo(b)fluoranthene
 Concen: 0.01 ng
 RT: 22.66 min Scan# 2991
 Delta R.T. 0.01 min
 Lab File: BE090904.D
 Acq: 19 Sep 2015 9:56

Tgt Ion:252 Resp: 362
 Ion Ratio Lower Upper
 252 100
 253 72.7 17.9 26.9#
 125 85.3 10.6 16.0#

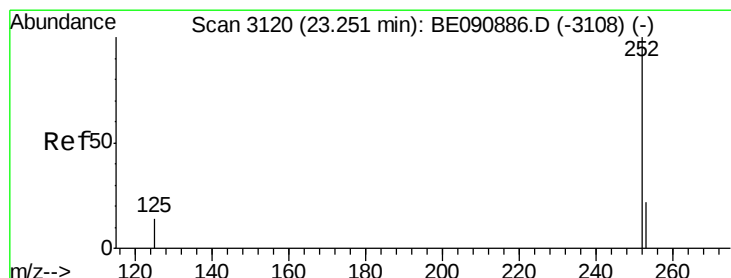
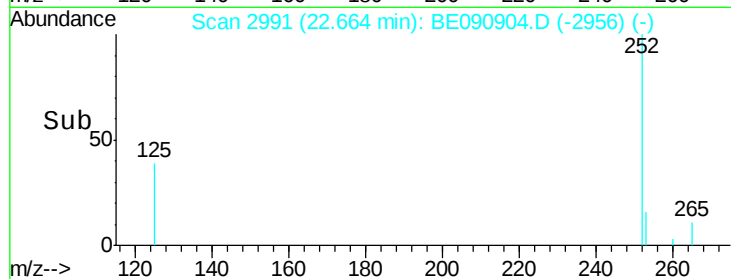
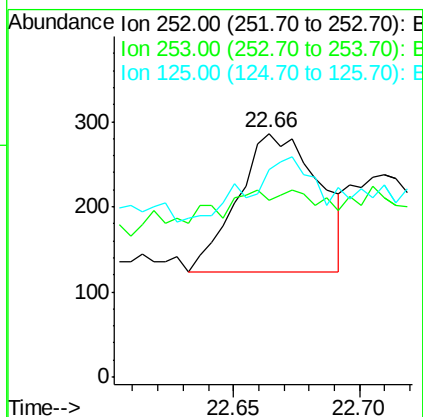
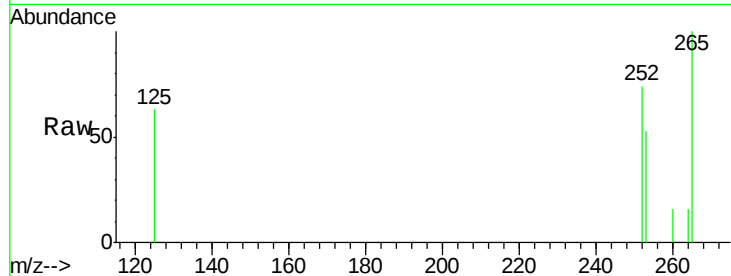




#35
Benzo(k)fluoranthene
Concen: 0.01 ng
RT: 22.66 min Scan# 2991
Delta R.T. -0.04 min
Lab File: BE090904.D
Acq: 19 Sep 2015 9:56

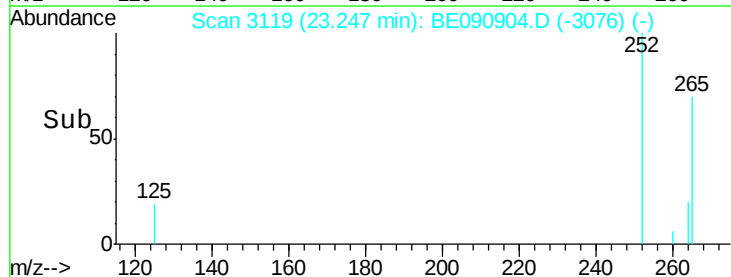
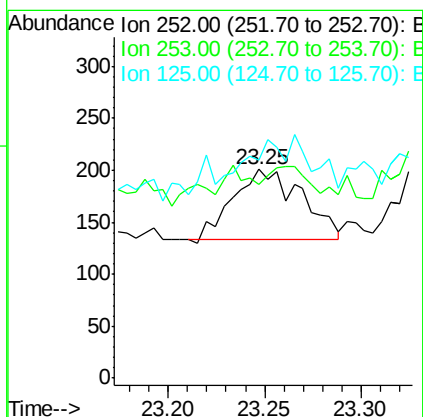
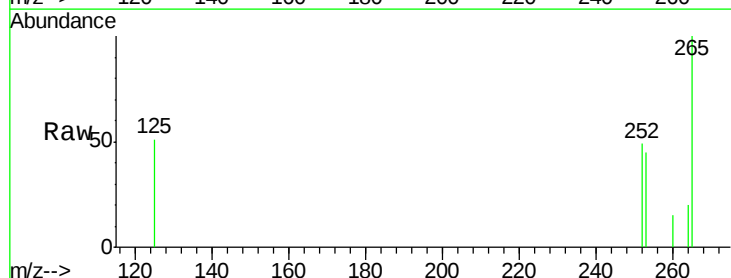
Instrument :
BNA_E
ClientSampleId :
091615-D534-F-U-M

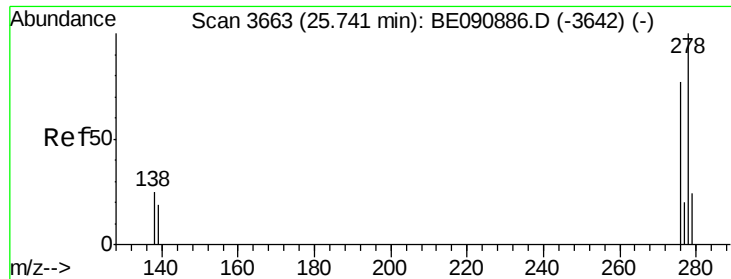
Tot Ion:252 Resp: 362
Ion Ratio Lower Upper
252 100
253 72.7 17.9 26.9#
125 85.3 10.1 15.1#



#36
Benzo(a)pyrene
Concen: 0.00 ng
RT: 23.25 min Scan# 3119
Delta R.T. -0.00 min
Lab File: BE090904.D
Acq: 19 Sep 2015 9:56

Tgt Ion:252 Resp: 169
Ion Ratio Lower Upper
252 100
253 93.0 17.2 25.8#
125 104.5 18.0 27.0#

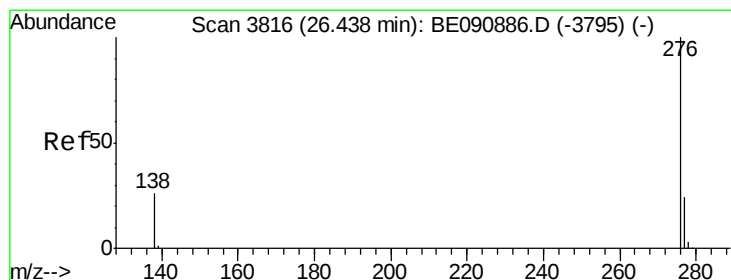
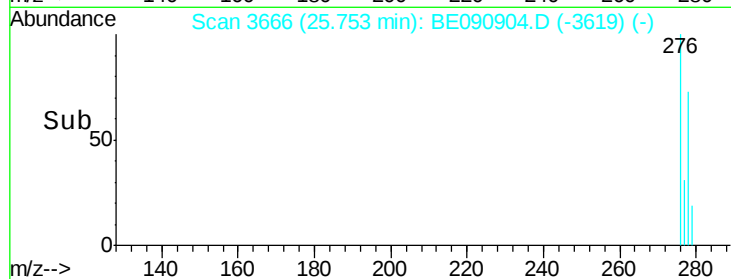
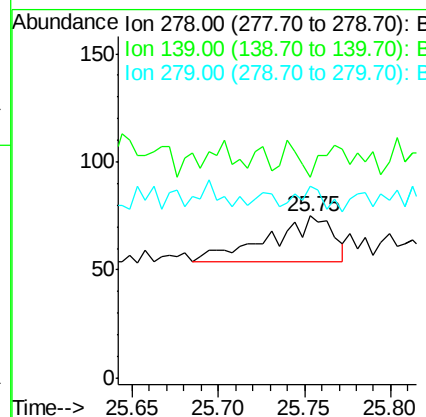
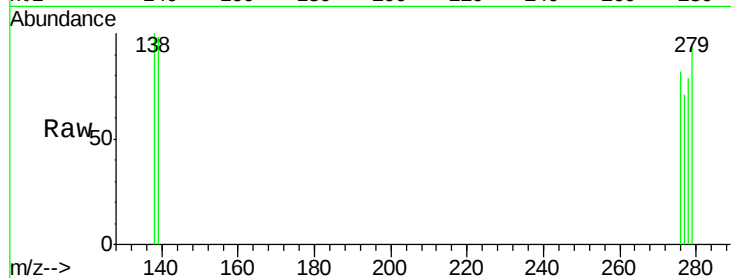




#37
Dibenzo(a,h)anthracene
Concen: 0.00 ng
RT: 25.75 min Scan# 3666
Delta R.T. 0.01 min
Lab File: BE090904.D
Acq: 19 Sep 2015 9:56

Instrument :
BNA_E
ClientSampleId :
091615-D534-F-U-M

Tot Ion: 278 Resp: 53
Ion Ratio Lower Upper
278 100
139 124.0 15.4 23.0#
279 118.7 18.8 28.2#



#38
Benzo(g,h,i)perylene
Concen: 0.00 ng
RT: 26.44 min Scan# 3816
Delta R.T. -0.00 min
Lab File: BE090904.D
Acq: 19 Sep 2015 9:56

Tgt Ion: 276 Resp: 52
Ion Ratio Lower Upper
276 100
277 75.6 18.5 27.7#
138 107.8 20.1 30.1#

