

Data Path : Z:\HPCHEM1\BNA E\DATA\BE091815\
 Data File : BE090908.D
 Acq On : 19 Sep 2015 12:19
 Operator : UM/IZ
 Sample : G3723-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 091615-D534-F-D-S

Quant Time: Sep 21 02:35:29 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	30403	5.00	ng	0.00
7) Naphthalene-d8	10.30	136	128061	5.00	ng	0.00
13) Acenaphthene-d10	14.16	164	68205	5.00	ng	0.00
19) Phenanthrene-d10	16.91	188	161520	5.00	ng	0.00
26) Chrysene-d12	21.07	240	207459	5.00	ng	0.00
33) Perylene-d12	23.35	264	194965	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	26254	3.83	ng	0.00
5) Phenol-d6	6.75	99	19134	2.02	ng	0.00
8) Nitrobenzene-d5	8.71	82	38504	4.36	ng	0.00
14) 2,4,6-Tribromophenol	15.67	330	21485	8.92	ng	-0.02
15) 2-Fluorobiphenyl	12.80	172	81728	4.23	ng	0.00
28) Terphenyl-d14	19.52	244	144260	6.16	ng	0.00

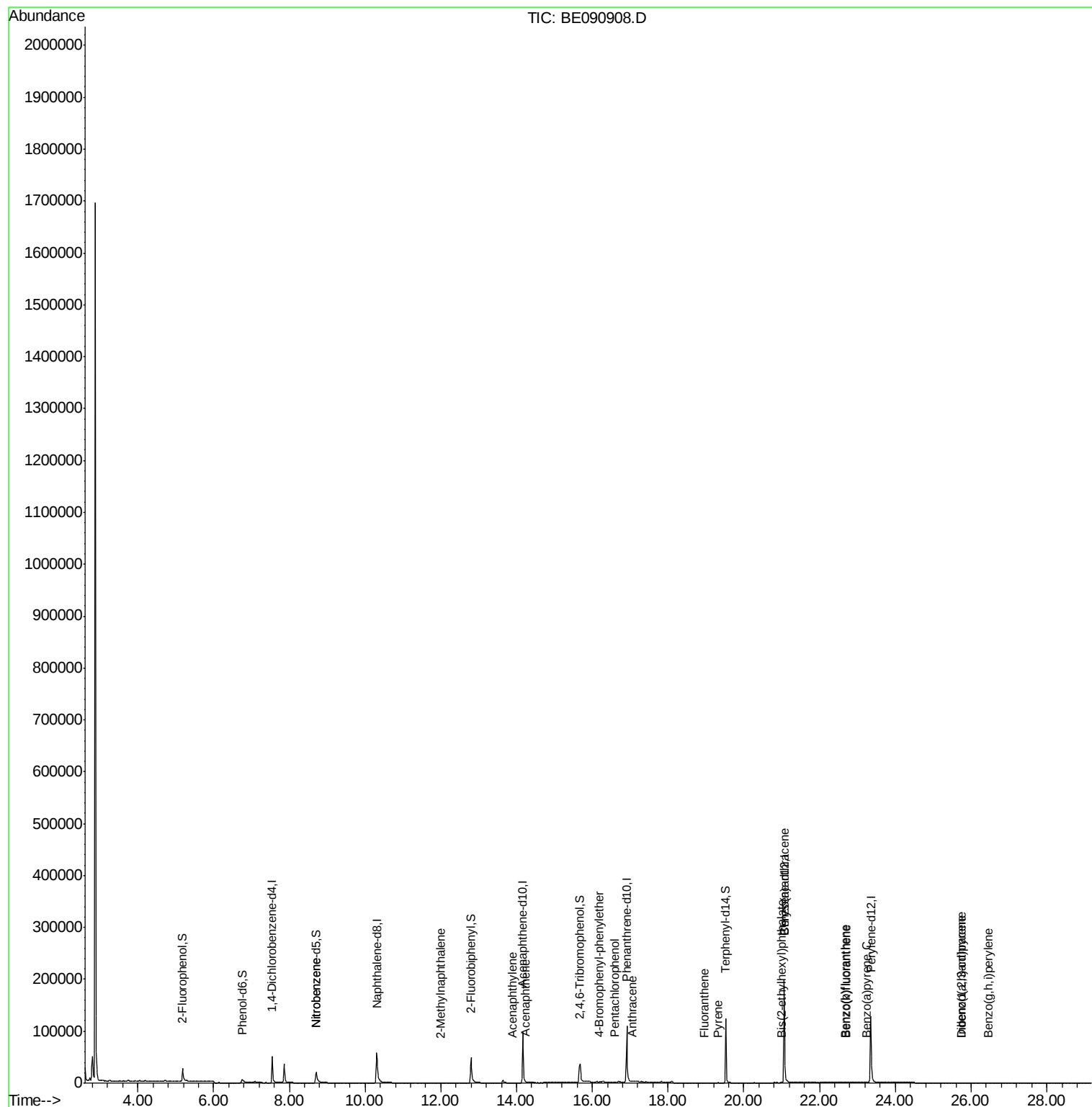
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	68	Below Cal	#	1
3) n-Nitrosodimethylamine	3.44	42	70	Below Cal	#	25
6) bis(2-Chloroethyl)ether	7.00	93	8	Below Cal	#	1
9) Nitrobenzene	8.70	77	41	0.00 ng	#	11
10) Naphthalene	10.36	128	91	Below Cal	#	1
11) Hexachlorobutadiene	10.64	225	8	Below Cal	#	58
12) 2-Methylnaphthalene	12.00	142	43	0.00 ng	#	52
16) Acenaphthylene	13.89	152	188	0.00 ng	#	67
17) Acenaphthene	14.23	154	64	0.00 ng	#	53
18) Fluorene	15.22	166	127	Below Cal	#	36
20) 4-Bromophenyl-phenylether	16.18	248	14	0.00 ng	#	1
21) Hexachlorobenzene	16.23	284	125	Below Cal	#	30
22) Pentachlorophenol	16.60	266	33	0.19 ng	#	61
23) Phenanthrene	16.94	178	524	Below Cal	#	83
24) Anthracene	17.05	178	158	0.00 ng	#	60
25) Fluoranthene	18.96	202	481	0.01 ng	#	92
27) Pyrene	19.32	202	507	0.01 ng	#	91
29) Benzo(a)anthracene	21.07	228	912	0.02 ng	#	80
30) Chrysene	21.10	228	490	Below Cal	#	64
31) Bis(2-ethylhexyl)phthalate	21.00	149	1241	0.22 ng	#	98
32) Indeno(1,2,3-cd)pyrene	25.74	276	172	0.00 ng	#	50
34) Benzo(b)fluoranthene	22.66	252	359	0.01 ng	#	1
35) Benzo(k)fluoranthene	22.71	252	253	0.00 ng	#	1
36) Benzo(a)pyrene	23.25	252	239	0.01 ng	#	1
37) Dibenzo(a,h)anthracene	25.75	278	83	0.00 ng	#	1
38) Benzo(g,h,i)perylene	26.46	276	186	0.00 ng	#	1

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

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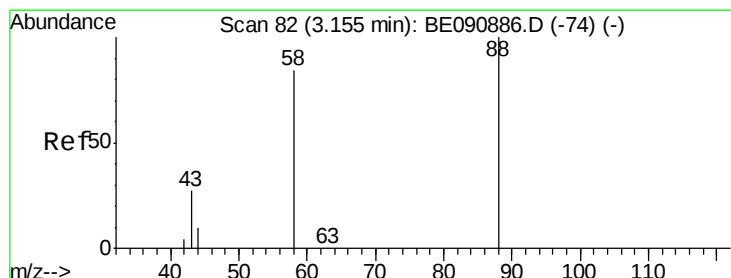
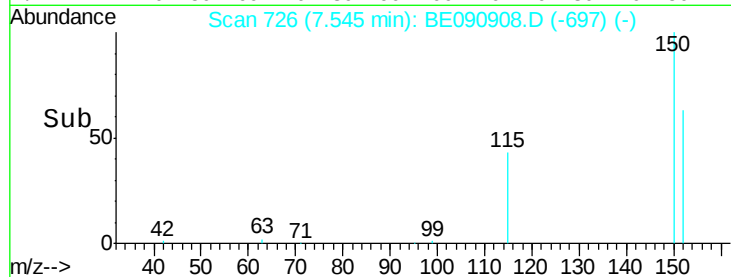
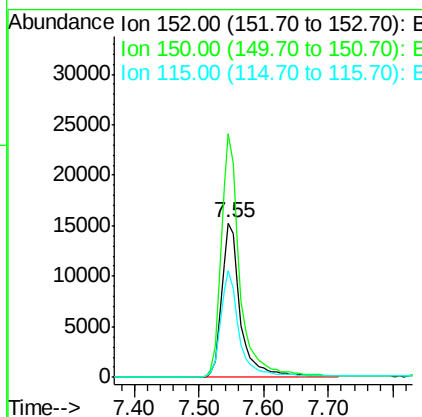
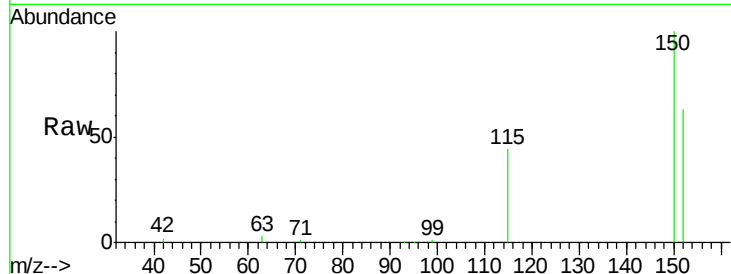




#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.55 min Scan# 726
 Delta R.T. -0.00 min
 Lab File: BE090908.D
 Acq: 19 Sep 2015 12:19

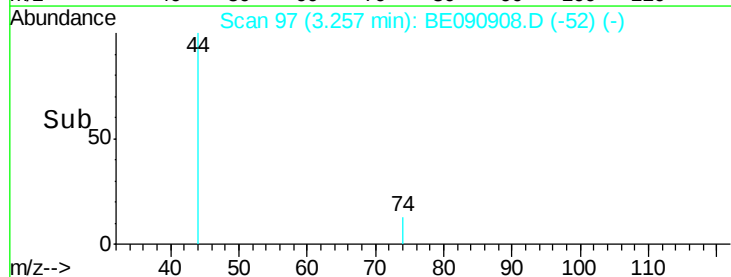
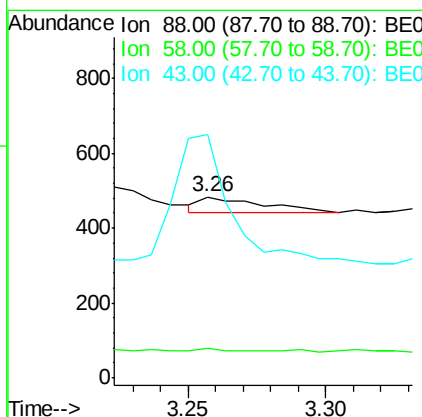
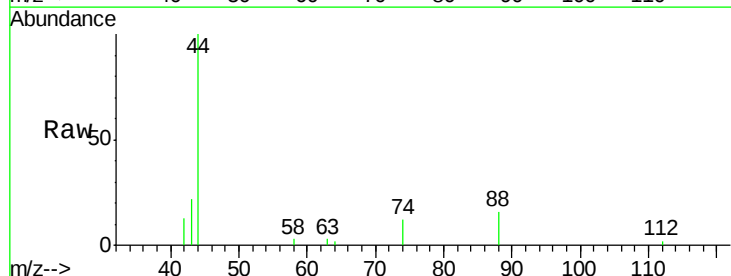
Instrument :
 BNA_E
 ClientSampleId :
 091615-D534-F-D-S

Tot Ion:152 Resp: 30403
 Ion Ratio Lower Upper
 152 100
 150 157.7 122.2 183.4
 115 68.9 51.0 76.4



#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.26 min Scan# 97
 Delta R.T. 0.10 min
 Lab File: BE090908.D
 Acq: 19 Sep 2015 12:19

Tgt Ion: 88 Resp: 68
 Ion Ratio Lower Upper
 88 100
 58 7.4 68.4 102.6#
 43 760.3 26.9 40.3#



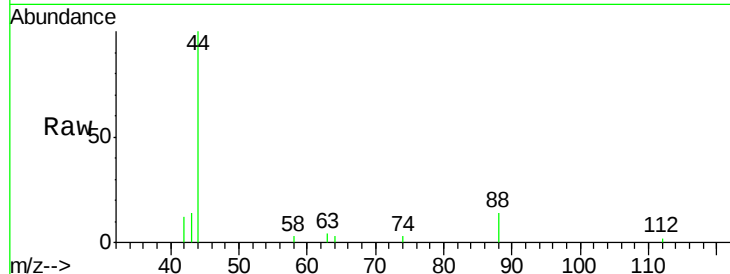


#3

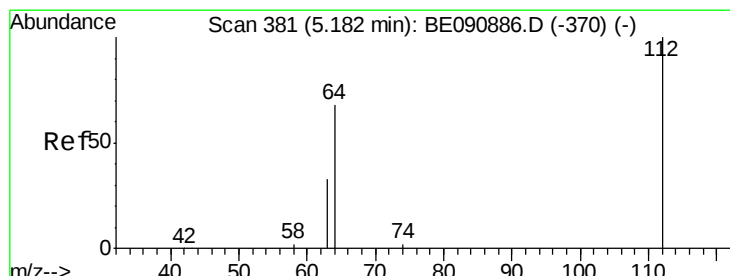
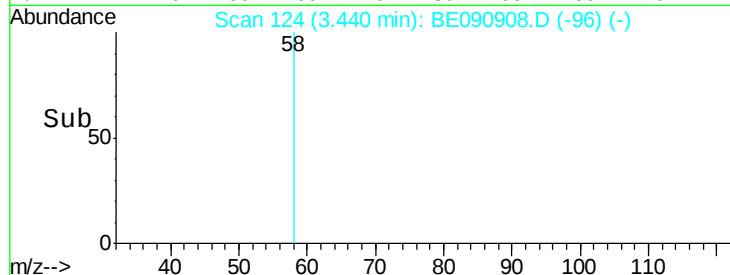
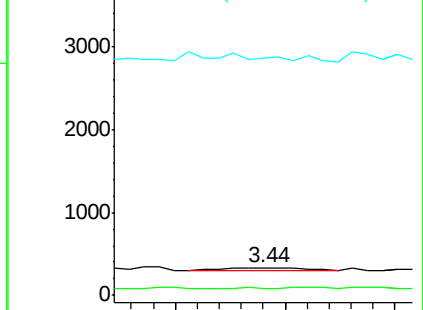
n-Nitrosodimethylamine
 Concen: Below Cal
 RT: 3.44 min Scan# 124
 Delta R.T. -0.01 min
 Lab File: BE090908.D
 Acq: 19 Sep 2015 12:19

Instrument :
 BNA_E
 ClientSampleId :
 091615-D534-F-D-S

Tot Ion: 42 Resp: 70
 Ion Ratio Lower Upper
 42 100
 74 22.9 83.7 125.5#
 44 0.0 10.0 15.0#



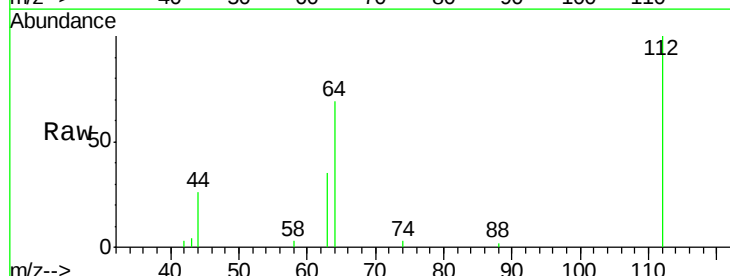
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



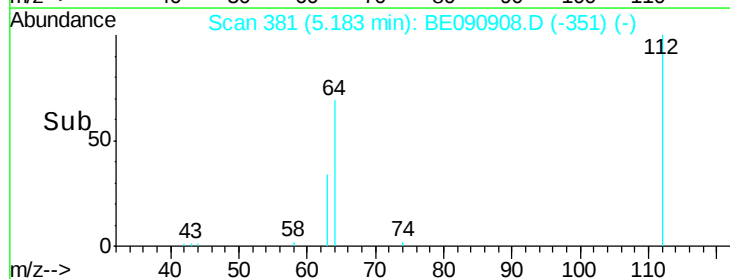
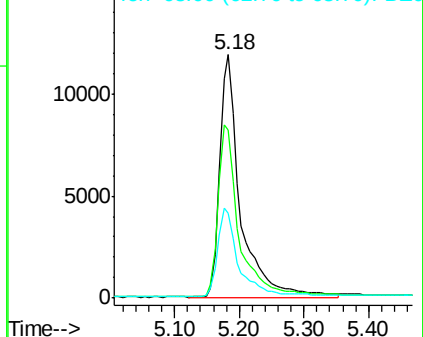
#4

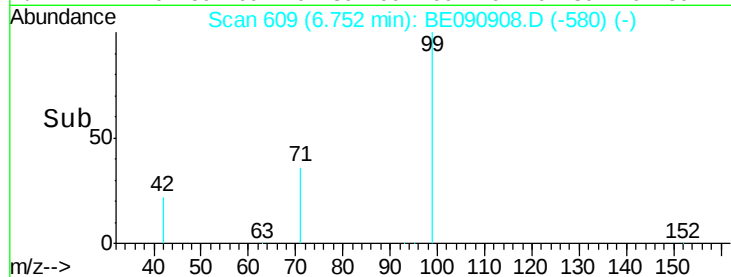
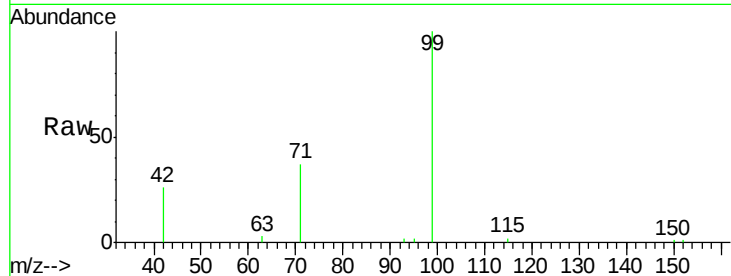
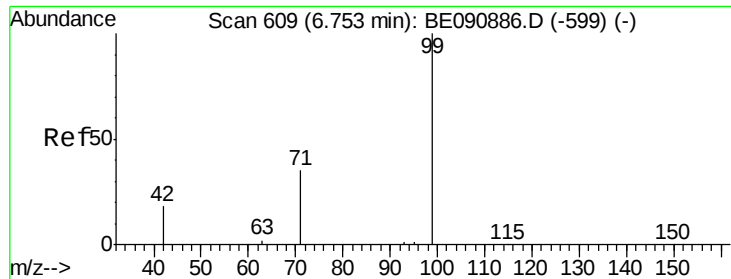
2-Fluorophenol
 Concen: 3.83 ng
 RT: 5.18 min Scan# 381
 Delta R.T. 0.00 min
 Lab File: BE090908.D
 Acq: 19 Sep 2015 12:19

Tgt Ion: 112 Resp: 26254
 Ion Ratio Lower Upper
 112 100
 64 72.4 57.3 85.9
 63 36.6 29.2 43.8



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





#5

Phenol-d6

Concen: 2.02 ng

RT: 6.75 min Scan# 609

Delta R.T. -0.00 min

Lab File: BE090908.D

Acq: 19 Sep 2015 12:19

Instrument :

BNA_E

ClientSampleId :

091615-D534-F-D-S

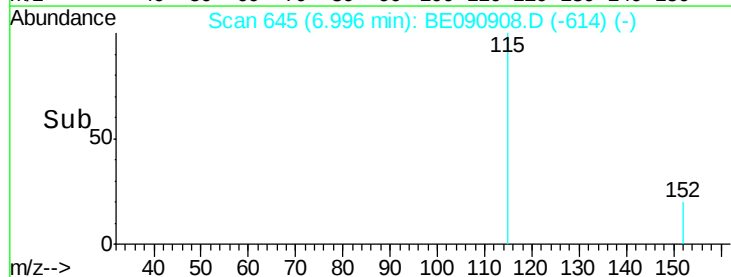
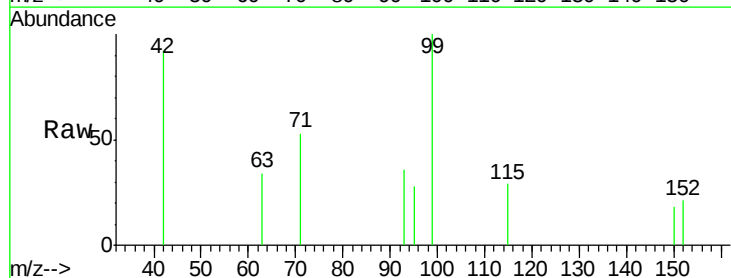
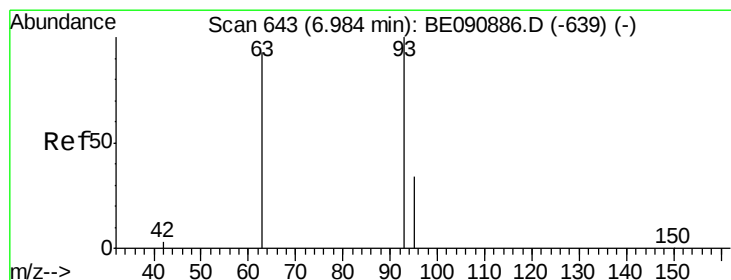
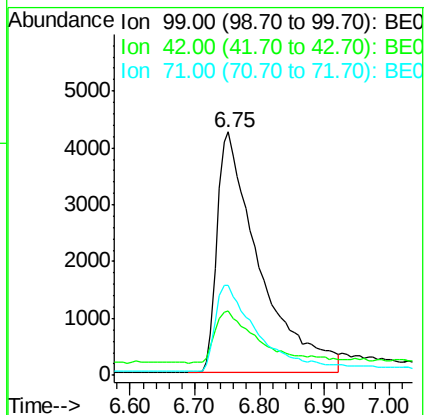
Tot Ion: 99 Resp: 19134

Ion Ratio Lower Upper

99 100

42 21.0 16.8 25.2

71 36.2 28.3 42.5



#6

bis(2-Chloroethyl)ether

Concen: Below Cal

RT: 7.00 min Scan# 645

Delta R.T. 0.01 min

Lab File: BE090908.D

Acq: 19 Sep 2015 12:19

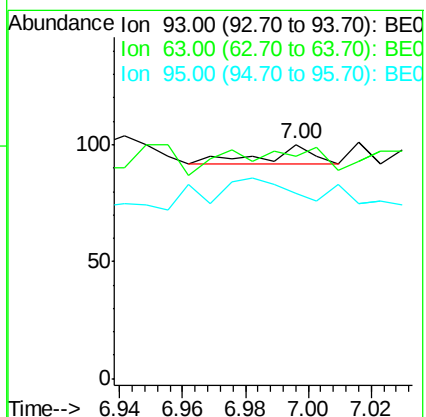
Tgt Ion: 93 Resp: 8

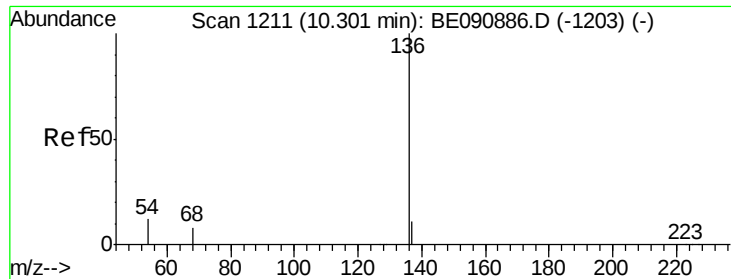
Ion Ratio Lower Upper

93 100

63 0.0 68.5 102.7#

95 237.5 26.9 40.3#





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.30 min Scan# 1212

Delta R.T. 0.00 min

Lab File: BE090908.D

Acq: 19 Sep 2015 12:19

Instrument :

BNA_E

ClientSampleId :

091615-D534-F-D-S

Tot Ion:136 Resp: 128061

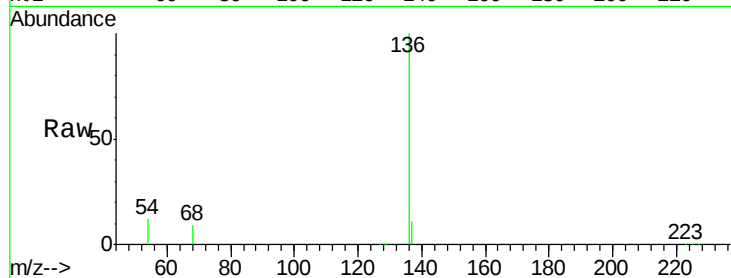
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 12.0 9.0 13.6

68 8.7 6.3 9.5

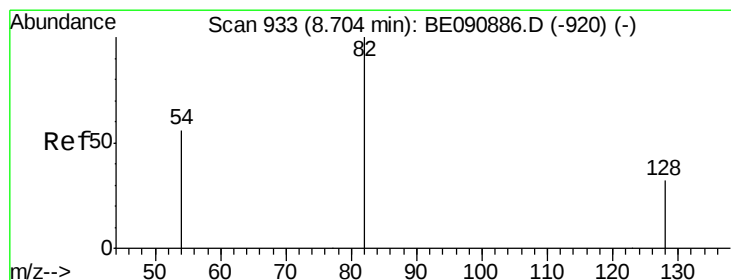
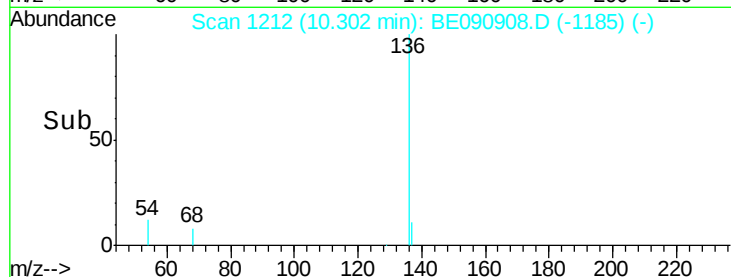
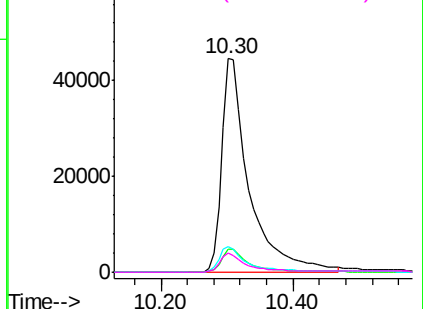


Abundance Ion 136.00 (135.70 to 136.70): E

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: 4.36 ng

RT: 8.71 min Scan# 934

Delta R.T. 0.00 min

Lab File: BE090908.D

Acq: 19 Sep 2015 12:19

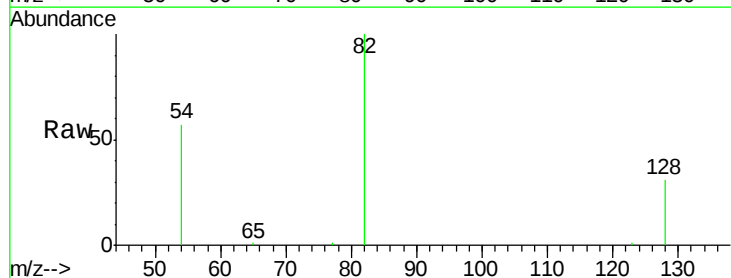
Tgt Ion: 82 Resp: 38504

Ion Ratio Lower Upper

82 100

128 31.3 25.0 37.4

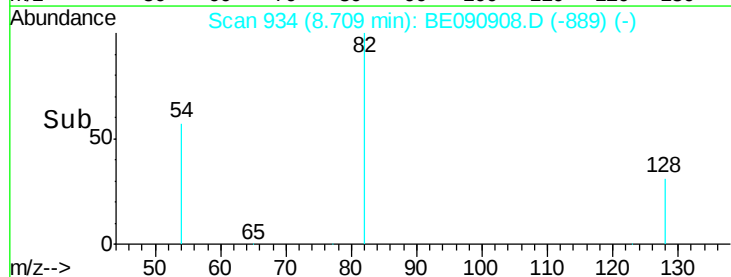
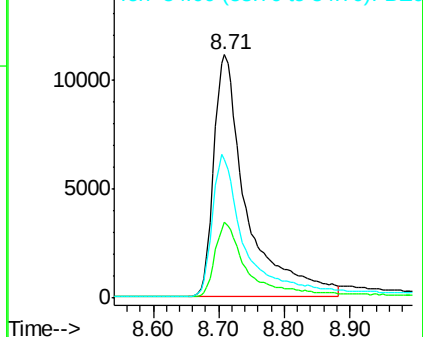
54 57.1 46.3 69.5

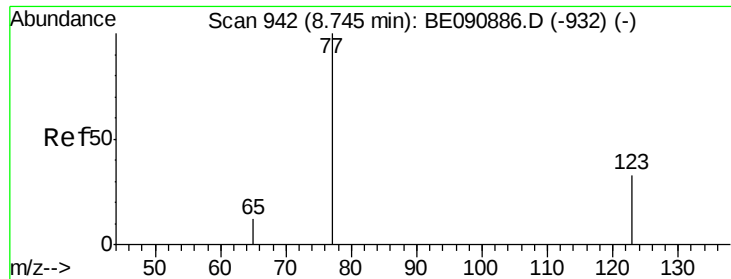


Abundance Ion 82.00 (81.70 to 82.70): BE0

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: 8.70 min Scan# 932

Delta R.T. -0.05 min

Lab File: BE090908.D

Acq: 19 Sep 2015 12:19

Instrument :

BNA_E

ClientSampleId :

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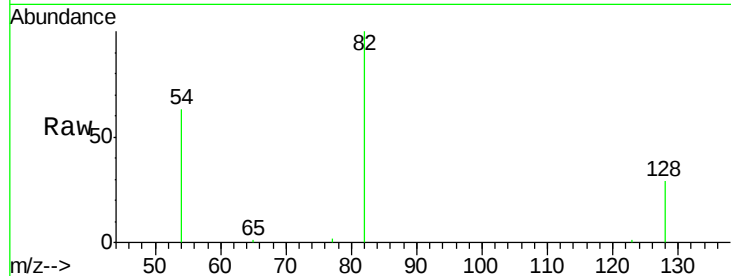
Tot Ion: 77 Resp: 41

Ion Ratio Lower Upper

77 100

123 4.9 25.1 37.7#

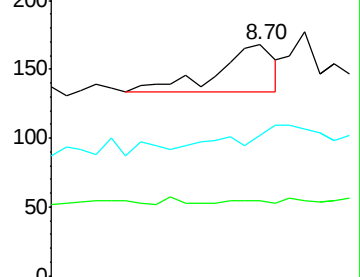
65 87.8 9.9 14.9#



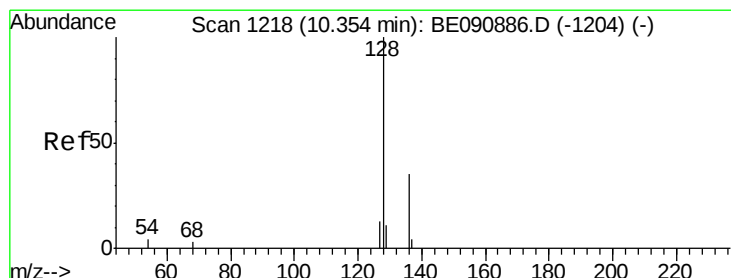
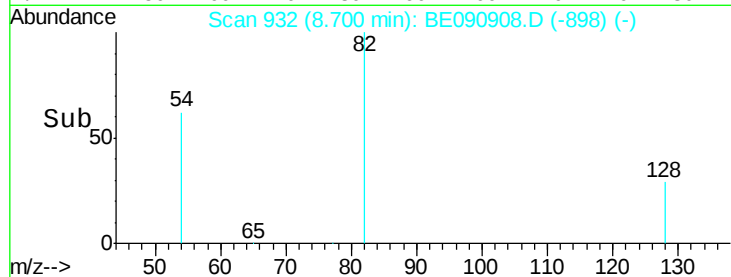
Abundance Ion 77.00 (76.70 to 77.70): BE090886.D (-932) (-)

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

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



Time-->



#10

Naphthalene

Concen: Below Cal

RT: 10.36 min Scan# 1219

Delta R.T. 0.00 min

Lab File: BE090908.D

Acq: 19 Sep 2015 12:19

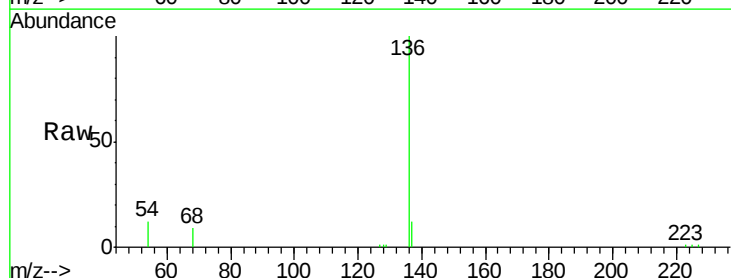
Tgt Ion: 128 Resp: 91

Ion Ratio Lower Upper

128 100

129 61.3 8.4 12.6#

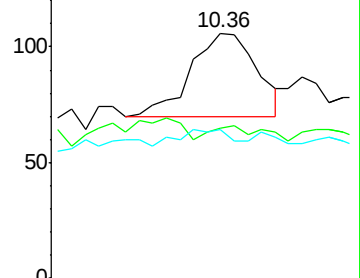
127 60.4 9.9 14.9#



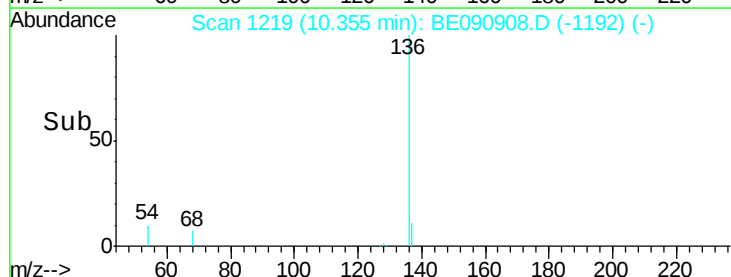
Abundance Ion 128.00 (127.70 to 128.70): BE090886.D (-1204) (-)

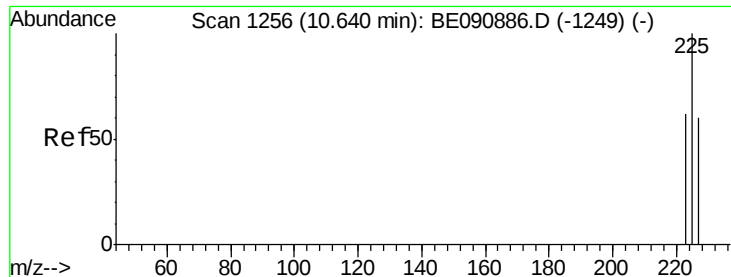
Ion 129.00 (128.70 to 129.70): BE090886.D (-1204) (-)

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



Time-->

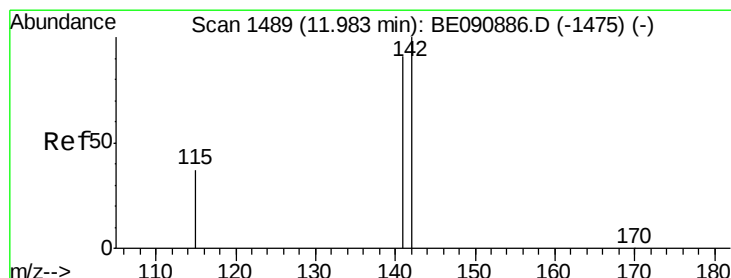
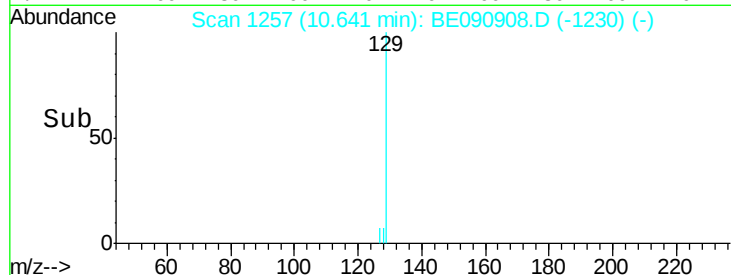
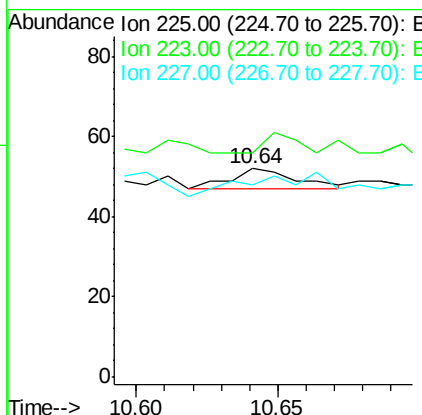
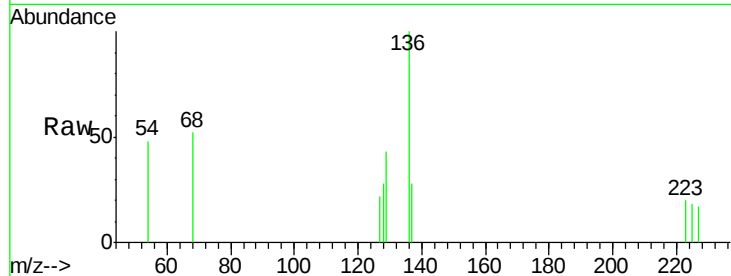




#11
Hexachlorobutadiene
Concen: Below Cal
RT: 10.64 min Scan# 1257
Delta R.T. 0.00 min
Lab File: BE090908.D
Acq: 19 Sep 2015 12:19

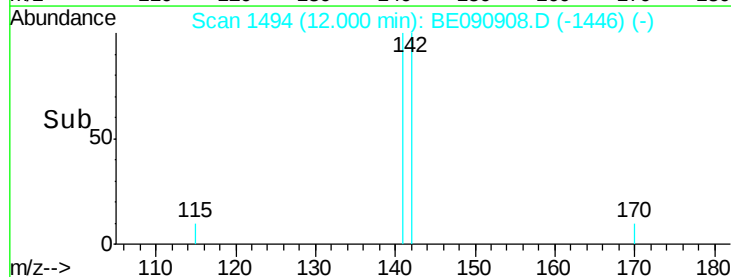
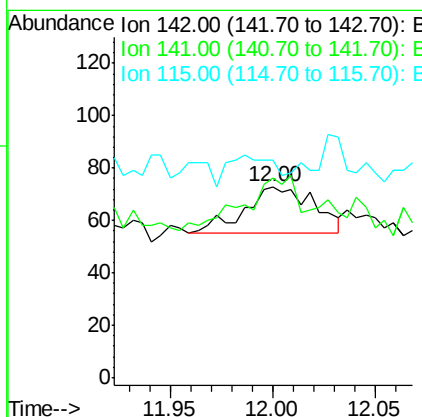
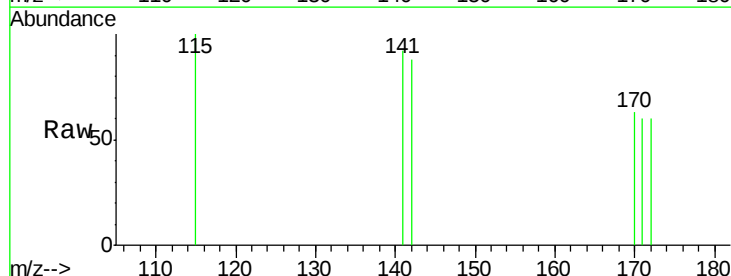
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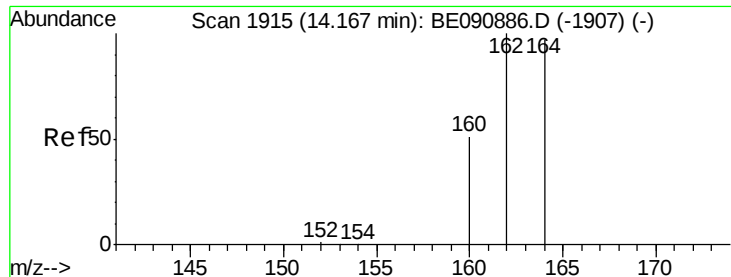
Tot Ion: 225 Resp: 8
Ion Ratio Lower Upper
225 100
223 62.5 50.6 76.0
227 0.0 51.0 76.6#



#12
2-Methylnaphthalene
Concen: 0.00 ng
RT: 12.00 min Scan# 1494
Delta R.T. 0.02 min
Lab File: BE090908.D
Acq: 19 Sep 2015 12:19

Tgt Ion: 142 Resp: 43
Ion Ratio Lower Upper
142 100
141 104.1 71.4 107.2
115 113.7 31.0 46.4#





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.16 min Scan# 1915

Delta R.T. -0.01 min

Lab File: BE090908.D

Acq: 19 Sep 2015 12:19

Instrument :

BNA_E

ClientSampleId :

091615-D534-F-D-S

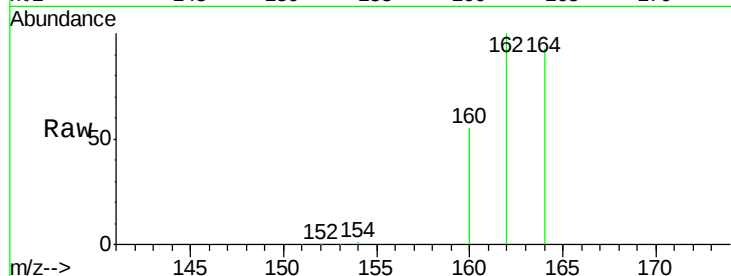
Tot Ion:164 Resp: 68205

Ion Ratio Lower Upper

164 100

162 107.2 86.8 130.2

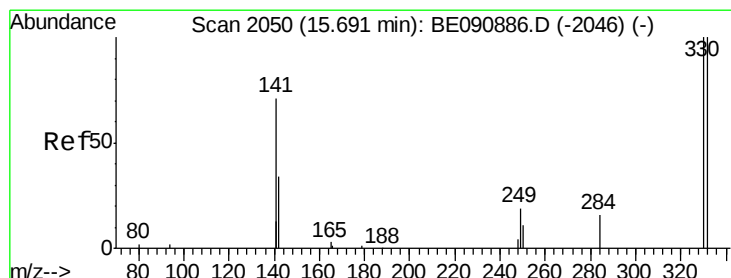
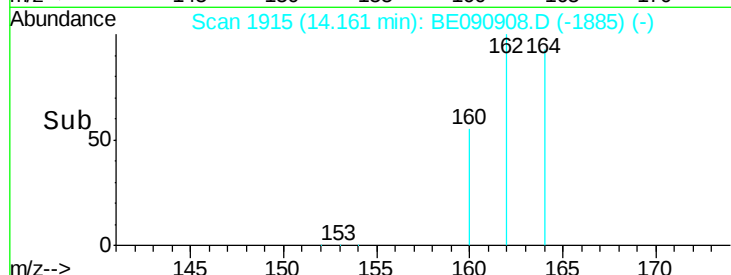
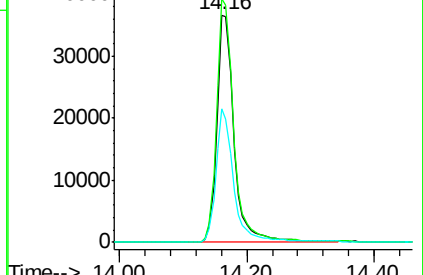
160 58.8 53.9 80.9



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: 8.92 ng

RT: 15.67 min Scan# 2050

Delta R.T. -0.02 min

Lab File: BE090908.D

Acq: 19 Sep 2015 12:19

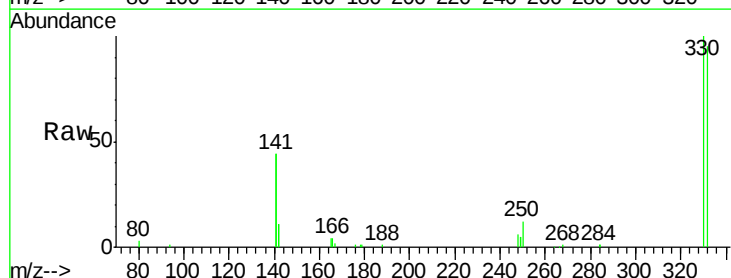
Tgt Ion:330 Resp: 21485

Ion Ratio Lower Upper

330 100

332 95.1 74.9 112.3

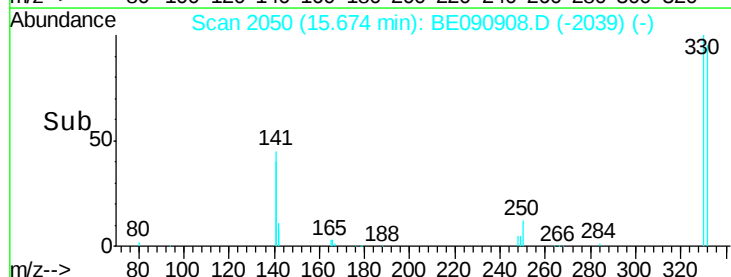
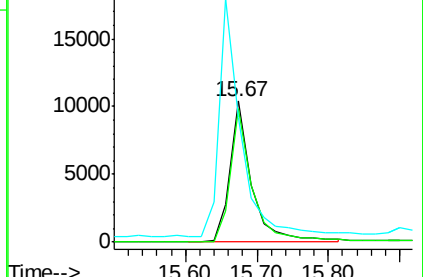
141 176.7 145.2 217.8



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

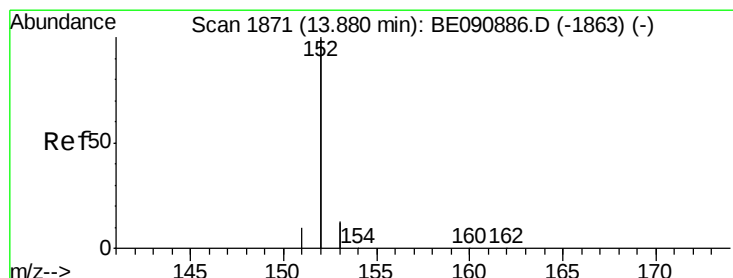
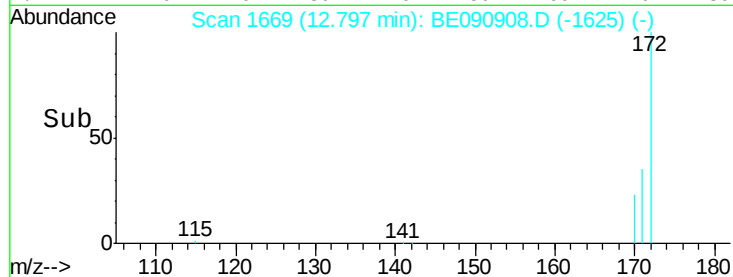
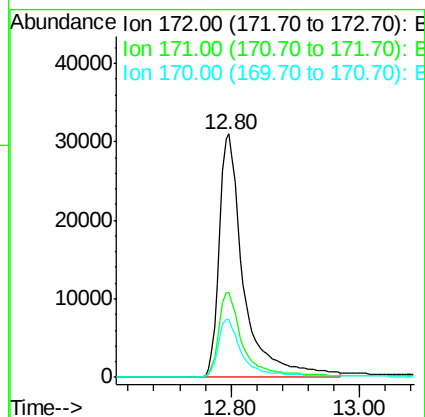
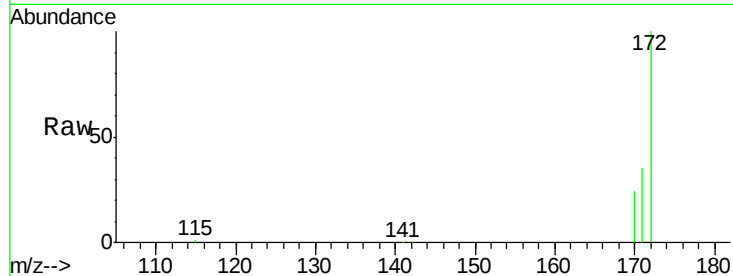




#15
2-Fluorobiphenyl
Concen: 4.23 ng
RT: 12.80 min Scan# 1669
Delta R.T. -0.00 min
Lab File: BE090908.D
Acq: 19 Sep 2015 12:19

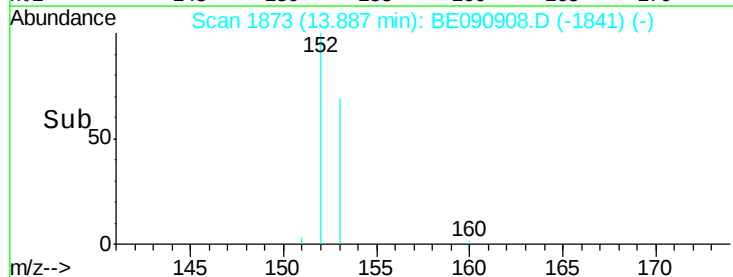
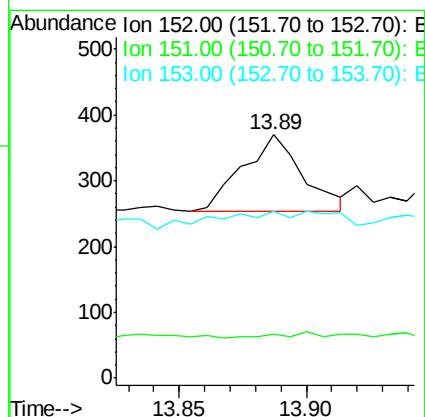
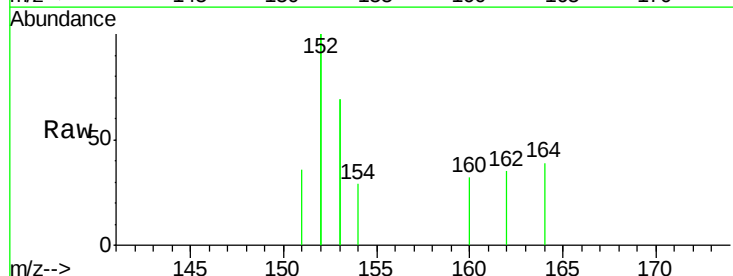
Instrument :
BNA_E
ClientSampleId :
091615-D534-F-D-S

Tot Ion:172 Resp: 81728
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.8
170 23.6 19.8 29.6



#16
Acenaphthylene
Concen: 0.00 ng
RT: 13.89 min Scan# 1873
Delta R.T. 0.01 min
Lab File: BE090908.D
Acq: 19 Sep 2015 12:19

Tgt Ion:152 Resp: 188
Ion Ratio Lower Upper
152 100
151 6.9 3.9 5.9#
153 30.3 10.3 15.5#





#17

Acenaphthene

Concen: 0.00 ng

RT: 14.23 min Scan# 1925

Delta R.T. 0.00 min

Lab File: BE090908.D

Acq: 19 Sep 2015 12:19

Instrument :

BNA_E

ClientSampleId :

091615-D534-F-D-S

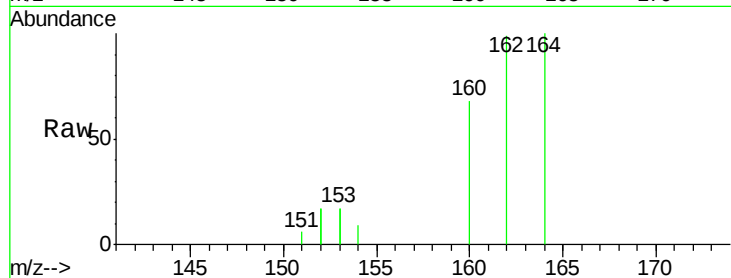
Tot Ion:154 Resp: 64

Ion Ratio Lower Upper

154 100

153 284.4 354.5 531.7#

152 240.6 227.8 341.6



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

100

200

300

400

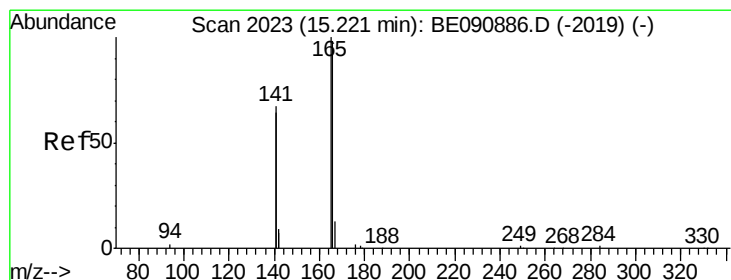
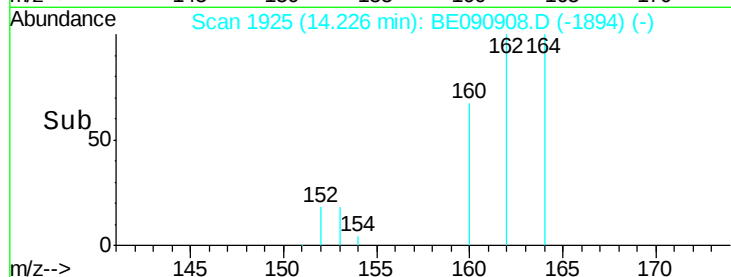
500

14.20

14.23

14.25

Time-->



#18

Fluorene

Concen: Below Cal

RT: 15.22 min Scan# 2024

Delta R.T. 0.00 min

Lab File: BE090908.D

Acq: 19 Sep 2015 12:19

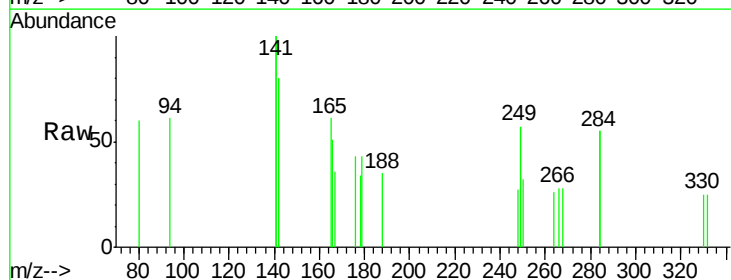
Tgt Ion:166 Resp: 127

Ion Ratio Lower Upper

166 100

165 172.4 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

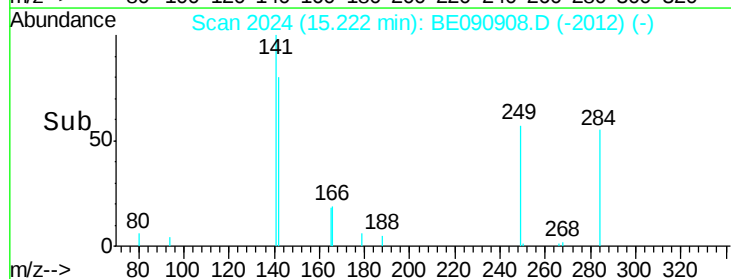
Ion 167.00 (166.70 to 167.70): E

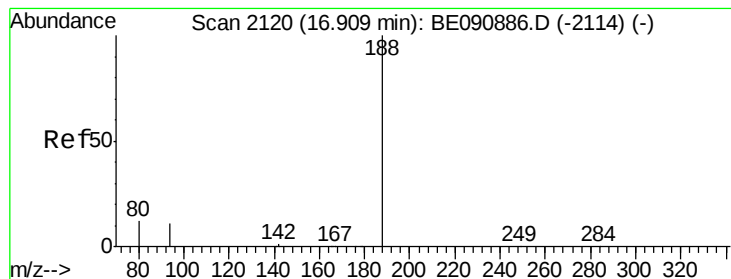
100

15.22

15.30

Time-->





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.91 min Scan# 2121

Delta R.T. 0.00 min

Lab File: BE090908.D

Acq: 19 Sep 2015 12:19

Instrument :

BNA_E

ClientSampleId :

091615-D534-F-D-S

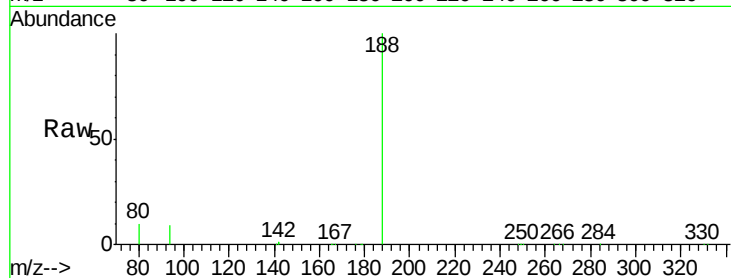
Tot Ion:188 Resp: 161520

Ion Ratio Lower Upper

188 100

94 9.3 10.3 15.5#

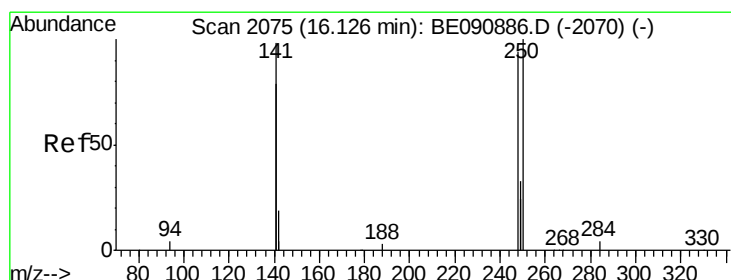
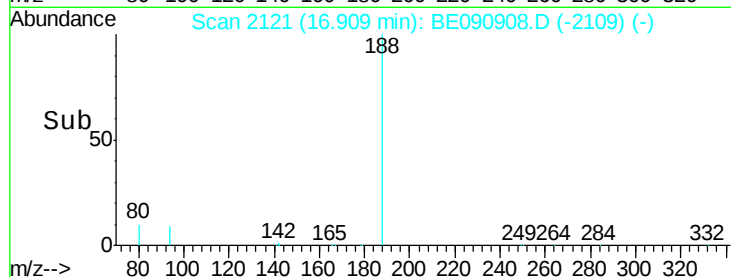
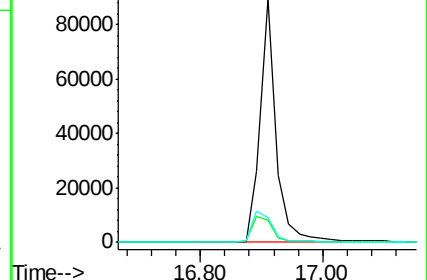
80 10.0 11.0 16.6#



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: 0.00 ng

RT: 16.18 min Scan# 2079

Delta R.T. 0.05 min

Lab File: BE090908.D

Acq: 19 Sep 2015 12:19

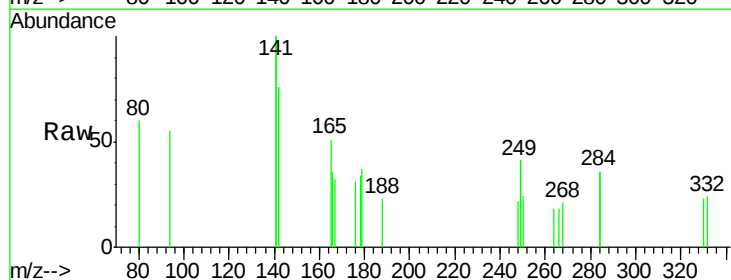
Tgt Ion:248 Resp: 14

Ion Ratio Lower Upper

248 100

250 0.0 76.7 115.1#

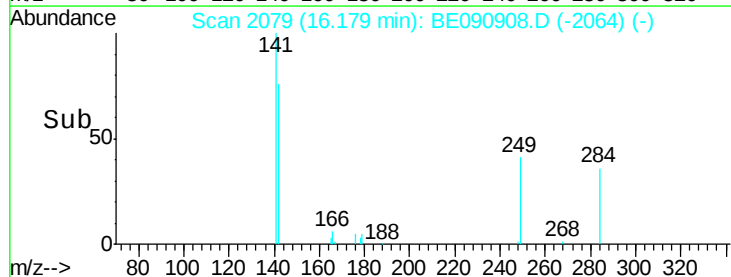
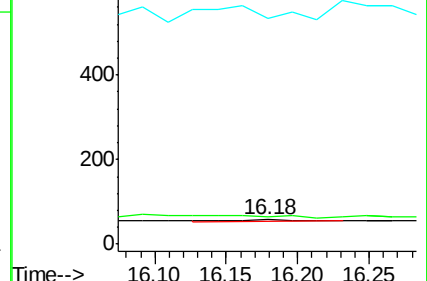
141 850.0 292.6 439.0#



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: 16.23 min Scan# 2082

Delta R.T. 0.00 min

Lab File: BE090908.D

Acq: 19 Sep 2015 12:19

Instrument :

BNA_E

ClientSampleId :

091615-D534-F-D-S

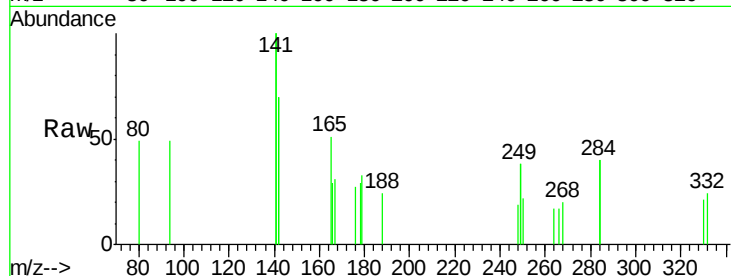
Tot Ion:284 Resp: 125

Ion Ratio Lower Upper

284 100

142 0.0 35.0 52.4#

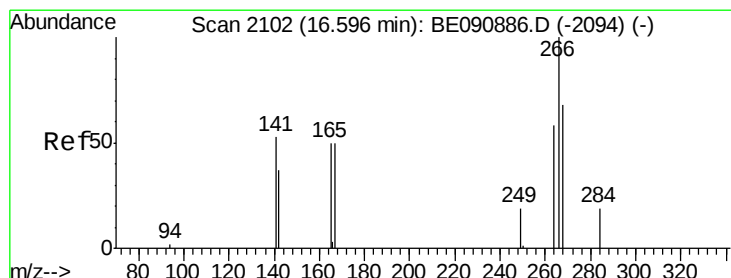
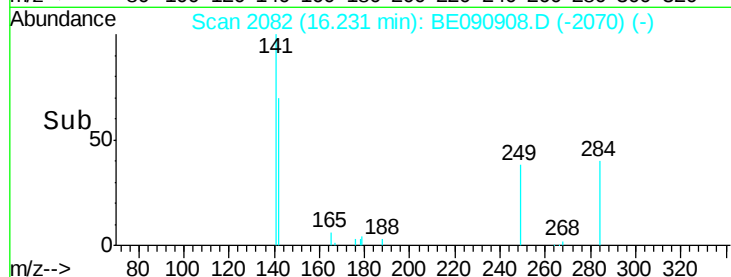
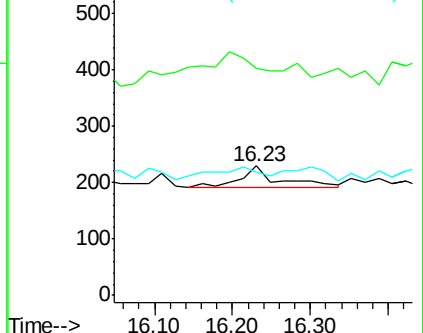
249 72.0 25.5 38.3#



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: 16.60 min Scan# 2103

Delta R.T. 0.00 min

Lab File: BE090908.D

Acq: 19 Sep 2015 12:19

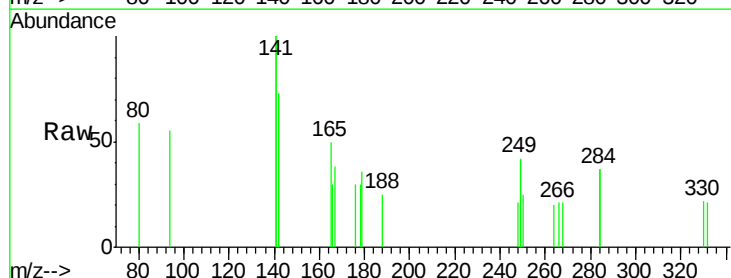
Tgt Ion:266 Resp: 33

Ion Ratio Lower Upper

266 100

268 98.2 49.6 74.4#

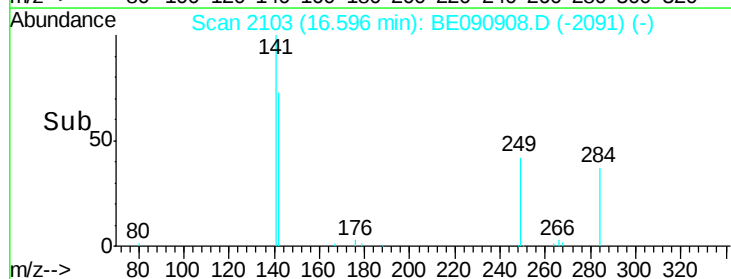
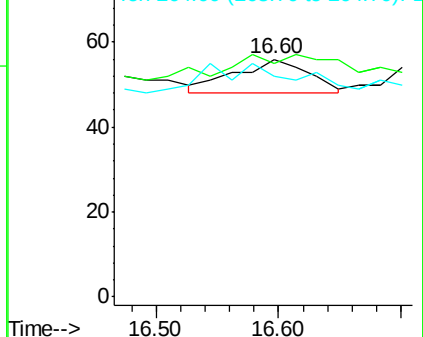
264 92.9 53.9 80.9#

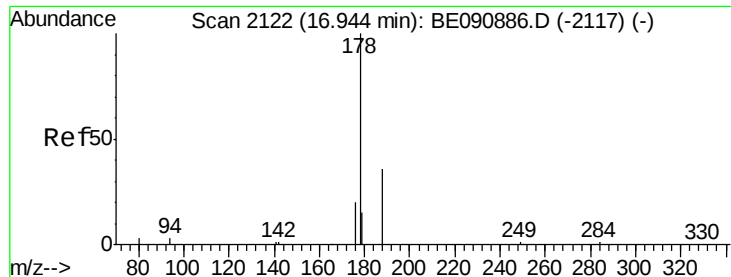


Abundance Ion 265.70 (265.40 to 266.40): E

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# 2123

Delta R.T. 0.00 min

Lab File: BE090908.D

Acq: 19 Sep 2015 12:19

Instrument :

BNA_E

ClientSampleId :

091615-D534-F-D-S

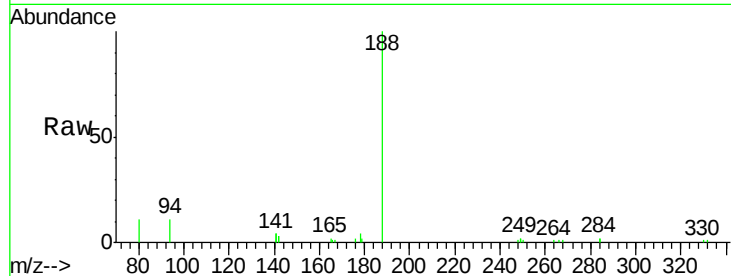
Tot Ion:178 Resp: 524

Ion Ratio Lower Upper

178 100

176 19.5 15.6 23.4

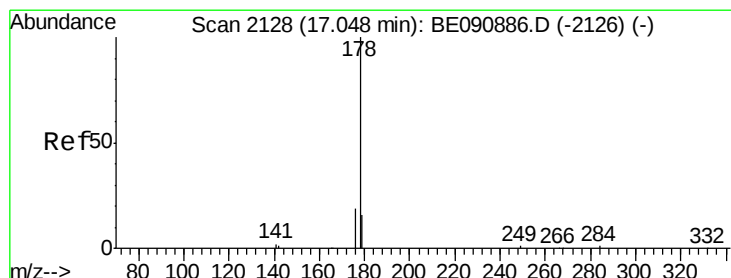
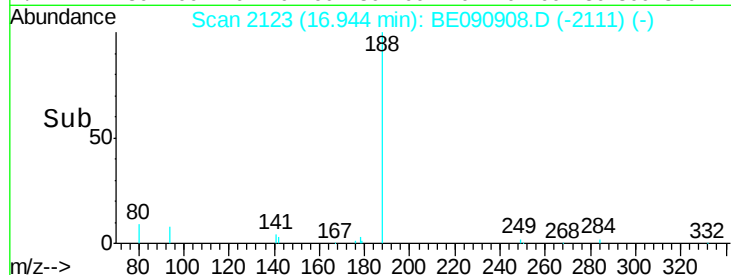
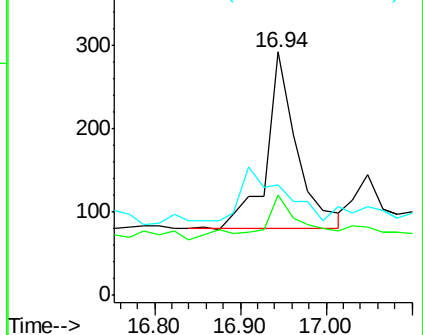
179 0.0 12.8 19.2#



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# 2129

Delta R.T. 0.00 min

Lab File: BE090908.D

Acq: 19 Sep 2015 12:19

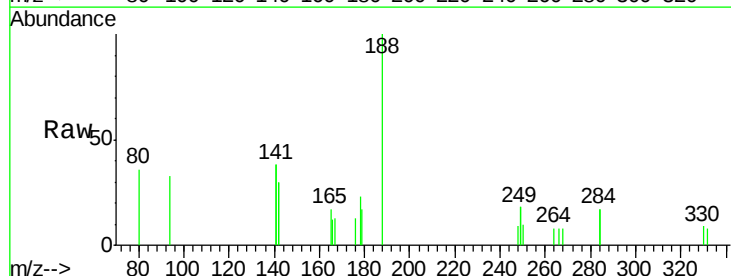
Tgt Ion:178 Resp: 158

Ion Ratio Lower Upper

178 100

176 0.0 15.0 22.6#

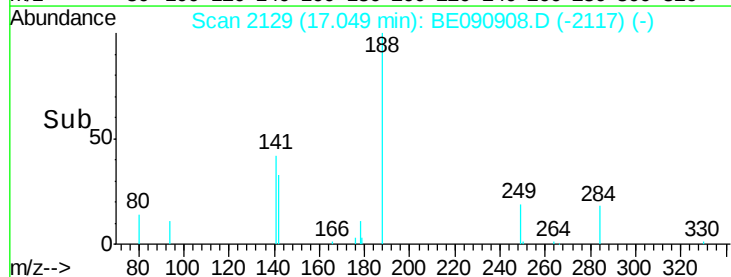
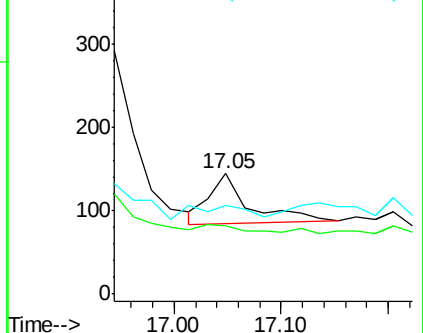
179 0.0 12.3 18.5#

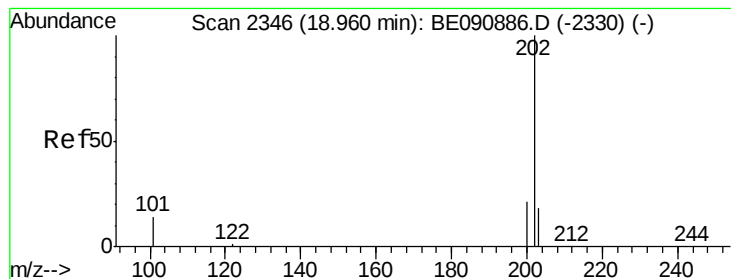


Abundance Ion 178.00 (177.70 to 178.70): E

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: BE090908.D

Acq: 19 Sep 2015 12:19

Instrument :

BNA_E

ClientSampleId :

091615-D534-F-D-S

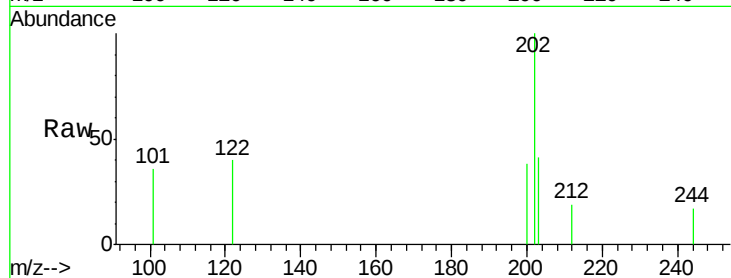
Tot Ion:202 Resp: 481

Ion Ratio Lower Upper

202 100

101 21.4 11.0 16.6#

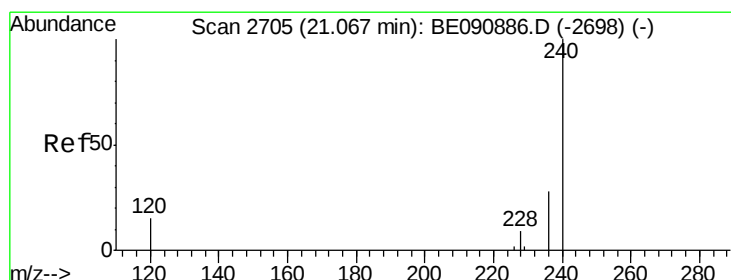
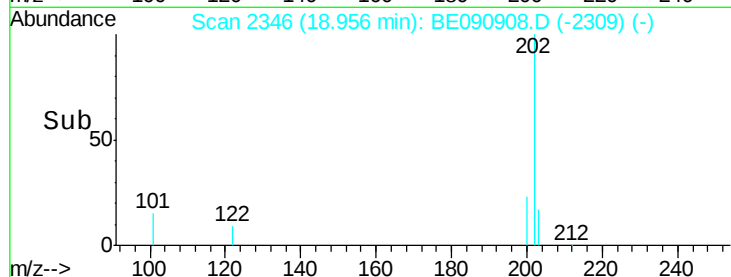
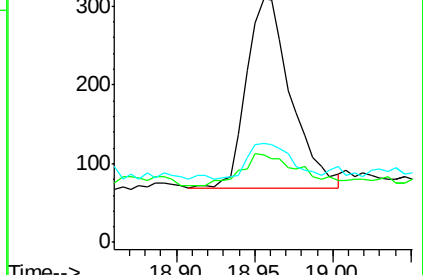
203 17.5 13.9 20.9



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# 2705

Delta R.T. -0.00 min

Lab File: BE090908.D

Acq: 19 Sep 2015 12:19

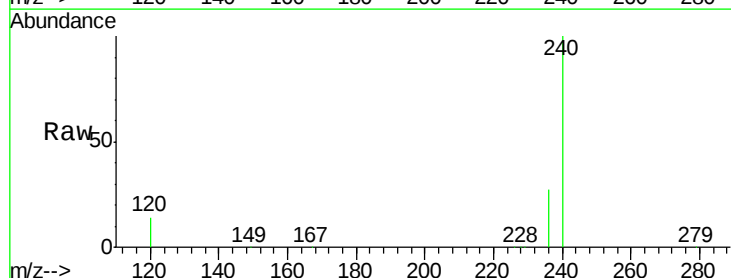
Tgt Ion:240 Resp: 207459

Ion Ratio Lower Upper

240 100

120 14.3 10.1 15.1

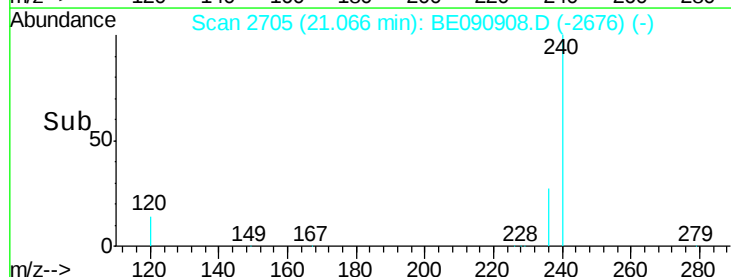
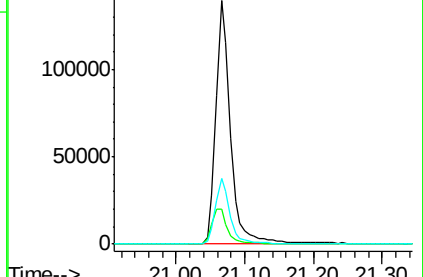
236 27.0 21.9 32.9

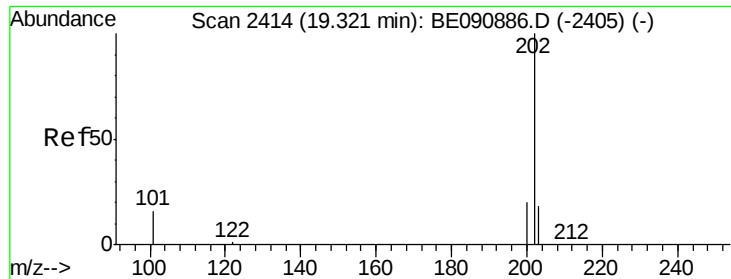


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

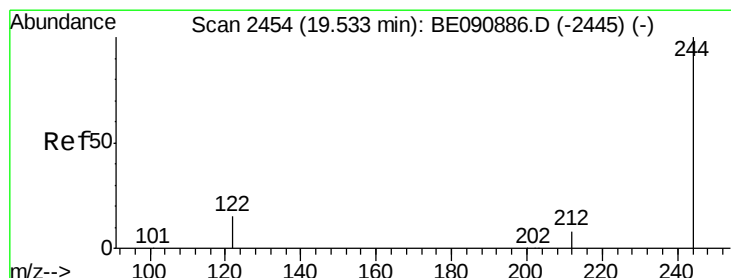
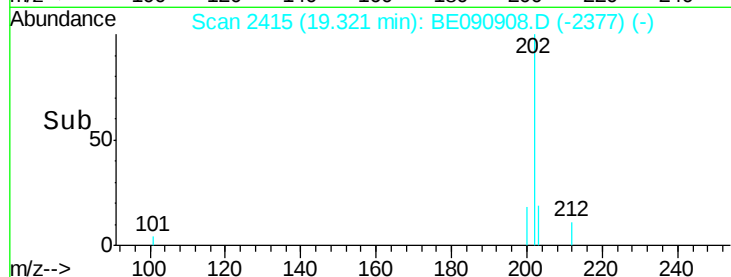
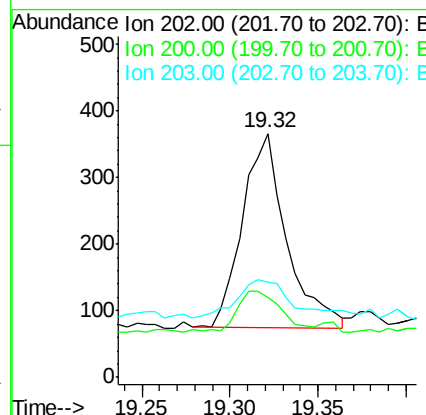
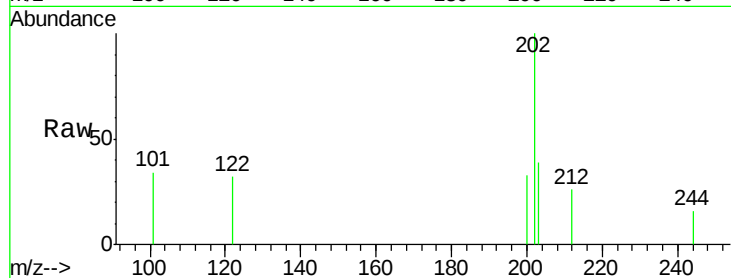




#27
Pvrene
Concen: 0.01 ng
RT: 19.32 min Scan# 2415
Delta R.T. 0.00 min
Lab File: BE090908.D
Acq: 19 Sep 2015 12:19

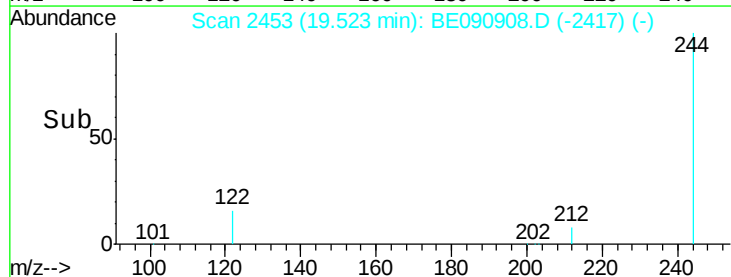
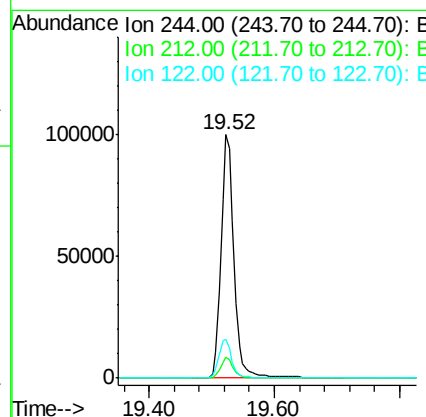
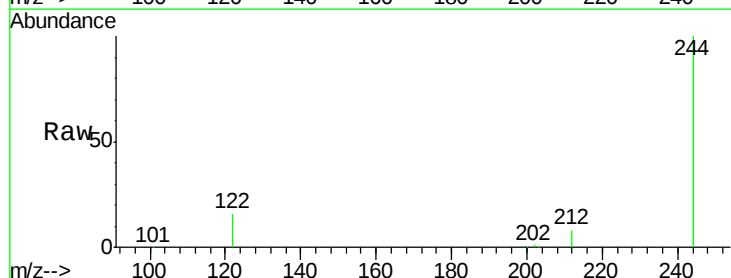
Instrument :
BNA_E
ClientSampleId :
091615-D534-F-D-S

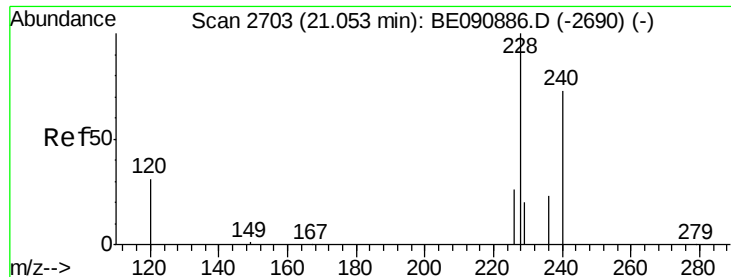
Tot Ion:202 Resp: 507
Ion Ratio Lower Upper
202 100
200 21.1 16.7 25.1
203 25.4 13.8 20.6#



#28
Terphenyl-d14
Concen: 6.16 ng
RT: 19.52 min Scan# 2453
Delta R.T. -0.01 min
Lab File: BE090908.D
Acq: 19 Sep 2015 12:19

Tgt Ion:244 Resp: 144260
Ion Ratio Lower Upper
244 100
212 8.4 6.9 10.3
122 15.8 12.9 19.3





#29

Benzo(a)anthracene

Concen: 0.02 ng

RT: 21.07 min Scan# 2705

Delta R.T. 0.01 min

Lab File: BE090908.D

Acq: 19 Sep 2015 12:19

Instrument :

BNA_E

ClientSampleId :

091615-D534-F-D-S

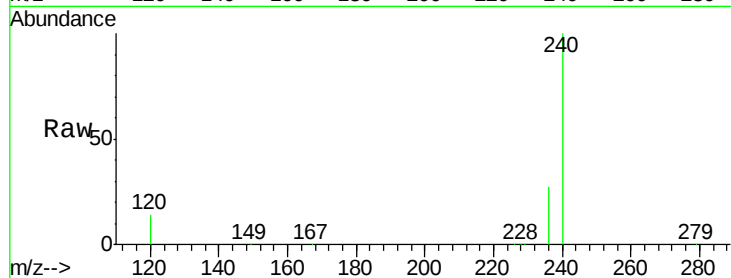
Tot Ion:228 Resp: 912

Ion Ratio Lower Upper

228 100

226 24.5 21.6 32.4

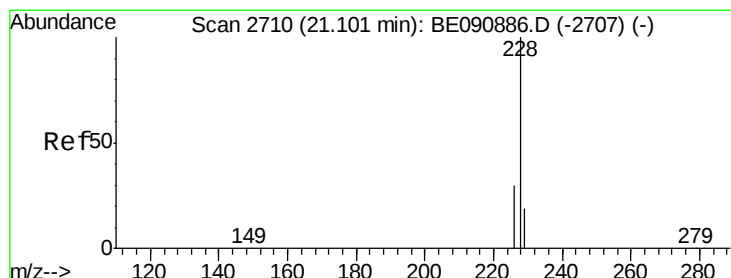
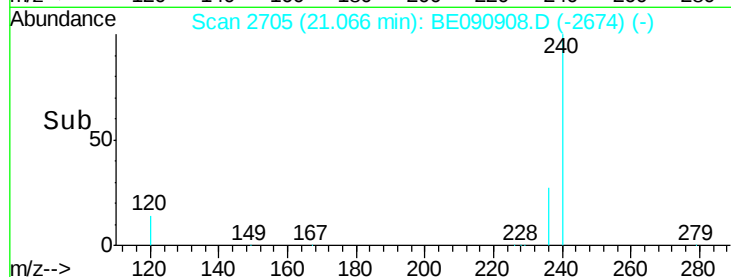
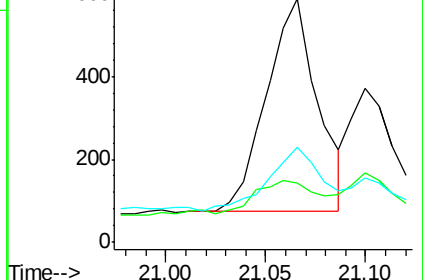
229 38.8 15.9 23.9#



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# 2710

Delta R.T. -0.00 min

Lab File: BE090908.D

Acq: 19 Sep 2015 12:19

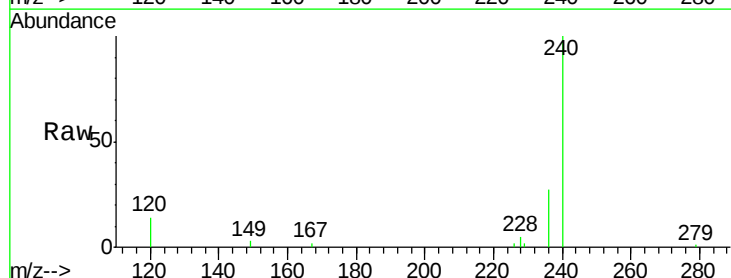
Tgt Ion:228 Resp: 490

Ion Ratio Lower Upper

228 100

226 45.2 24.2 36.4#

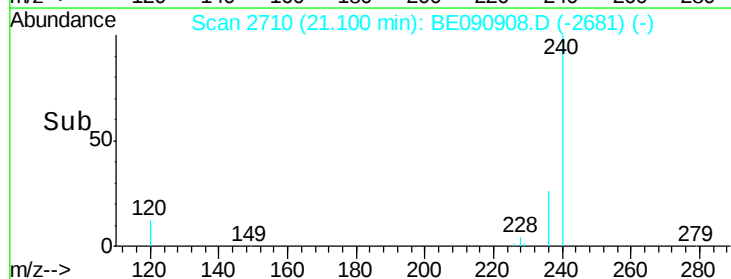
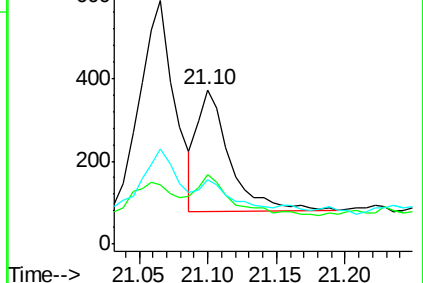
229 41.7 15.3 22.9#

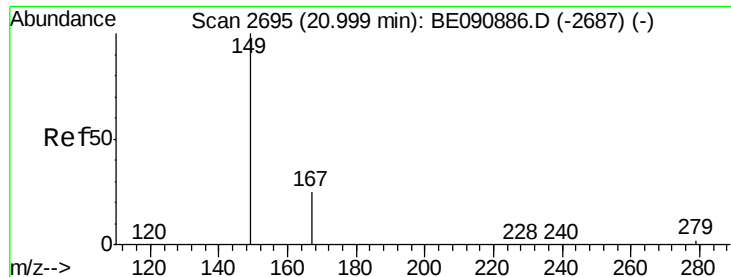


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

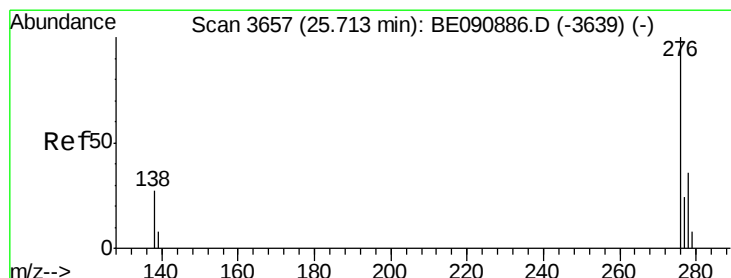
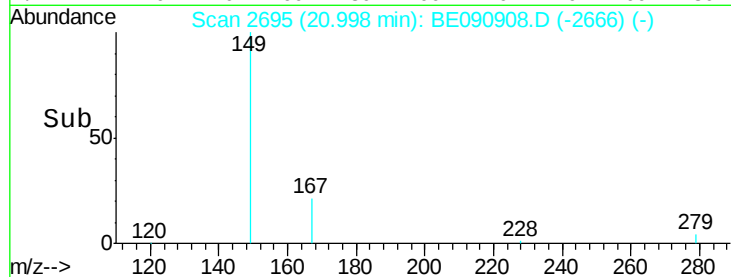
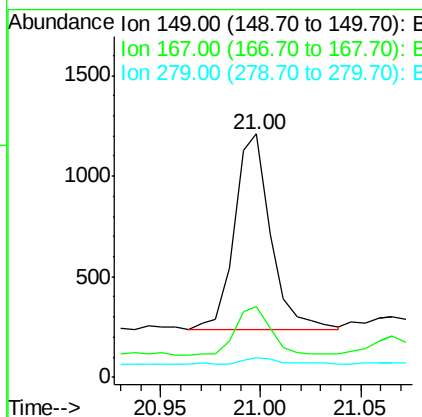
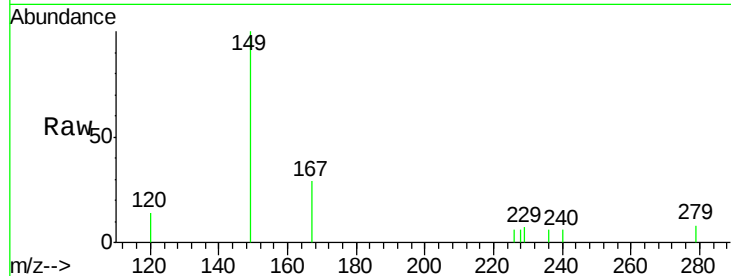




#31
 Bis(2-ethylhexyl)phthalate
 Concen: 0.22 ng
 RT: 21.00 min Scan# 2695
 Delta R.T. -0.00 min
 Lab File: BE090908.D
 Acq: 19 Sep 2015 12:19

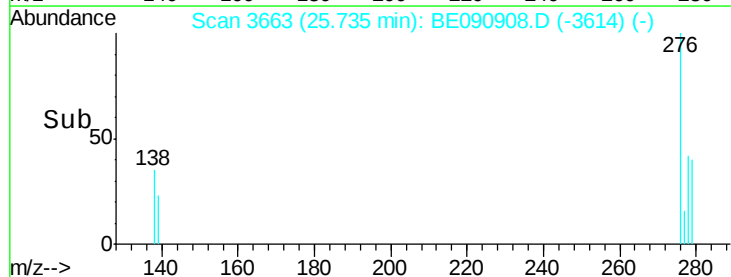
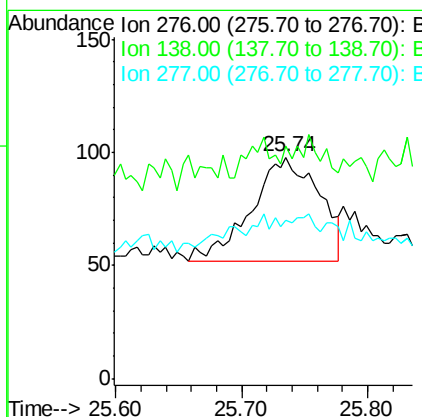
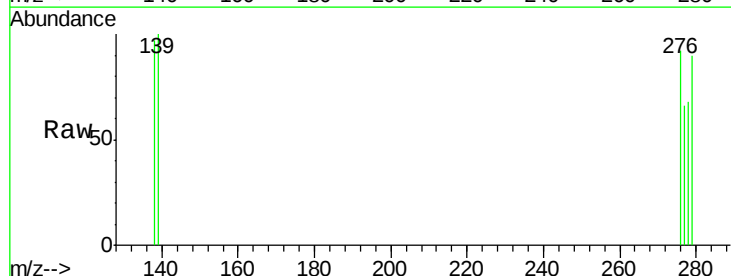
Instrument :
 BNA_E
 ClientSampleId :
 091615-D534-F-D-S

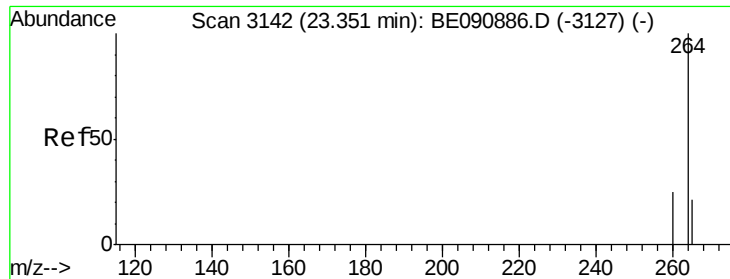
Tot Ion:149 Resp: 1241
 Ion Ratio Lower Upper
 149 100
 167 23.9 20.1 30.1
 279 3.5 2.3 3.5#



#32
 Indeno(1,2,3-cd)pyrene
 Concen: 0.00 ng
 RT: 25.74 min Scan# 3663
 Delta R.T. 0.02 min
 Lab File: BE090908.D
 Acq: 19 Sep 2015 12:19

Tgt Ion:276 Resp: 172
 Ion Ratio Lower Upper
 276 100
 138 1.7 23.3 34.9#
 277 0.0 19.8 29.6#

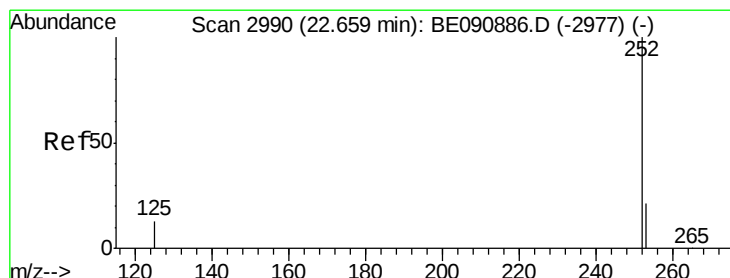
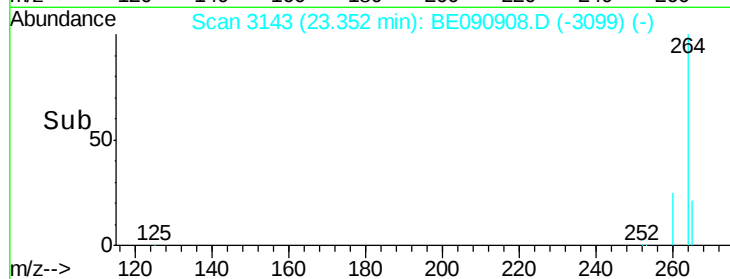
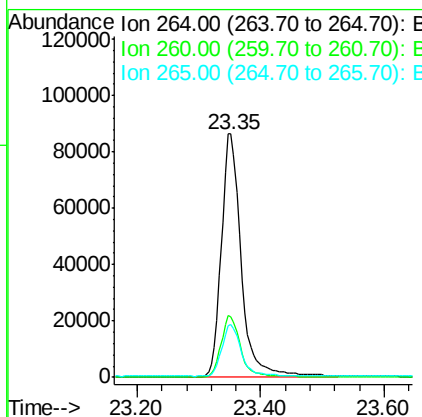
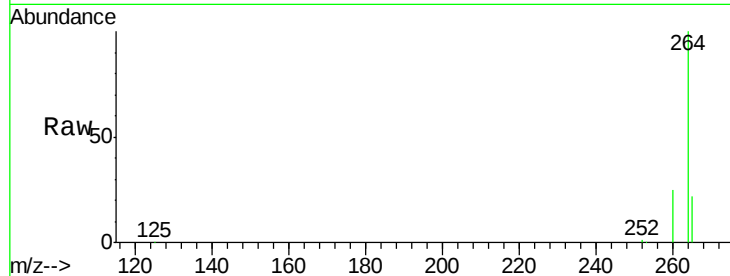




#33
 Pervlene-d12
 Concen: 5.00 ng
 RT: 23.35 min Scan# 3143
 Delta R.T. 0.00 min
 Lab File: BE090908.D
 Acq: 19 Sep 2015 12:19

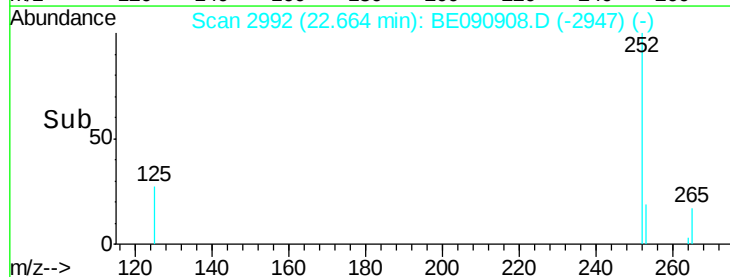
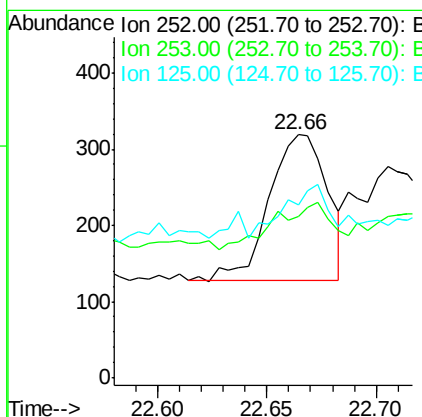
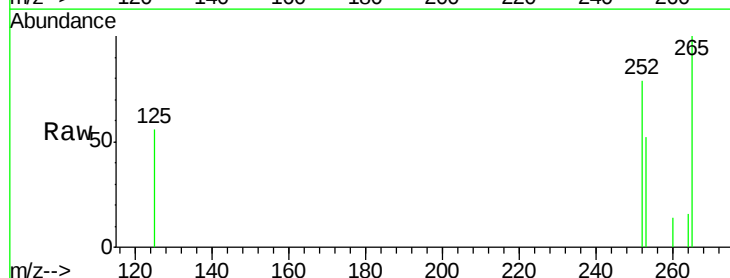
Instrument :
 BNA_E
 ClientSampleId :
 091615-D534-F-D-S

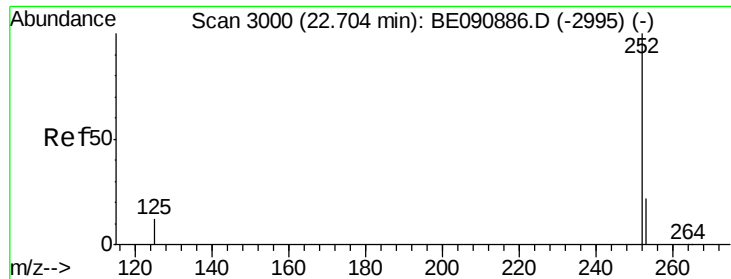
Tot Ion:264 Resp: 194965
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.7 29.5
 265 21.6 17.5 26.3



#34
 Benzo(b)fluoranthene
 Concen: 0.01 ng
 RT: 22.66 min Scan# 2992
 Delta R.T. 0.01 min
 Lab File: BE090908.D
 Acq: 19 Sep 2015 12:19

Tgt Ion:252 Resp: 359
 Ion Ratio Lower Upper
 252 100
 253 66.1 17.9 26.9#
 125 71.2 10.6 16.0#

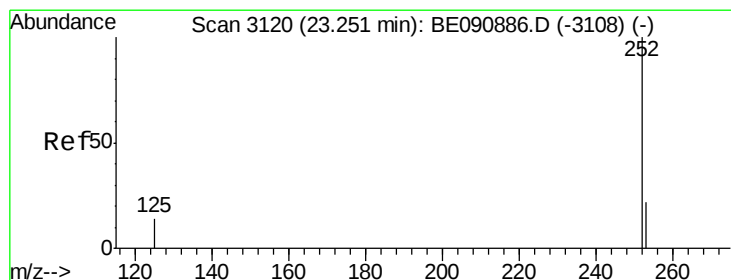
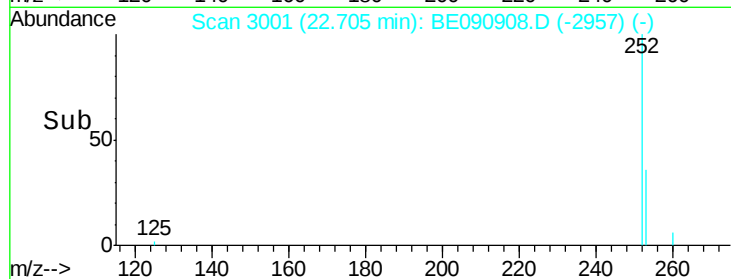
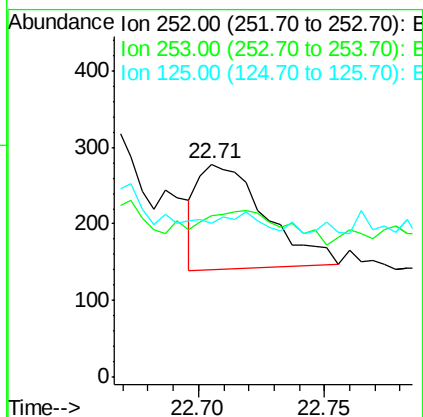
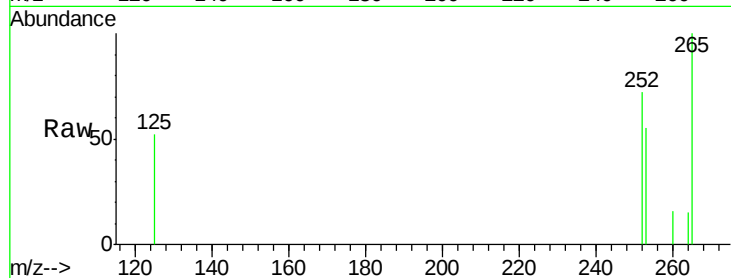




#35
Benzo(k)fluoranthene
Concen: 0.00 ng
RT: 22.71 min Scan# 3001
Delta R.T. 0.00 min
Lab File: BE090908.D
Acq: 19 Sep 2015 12:19

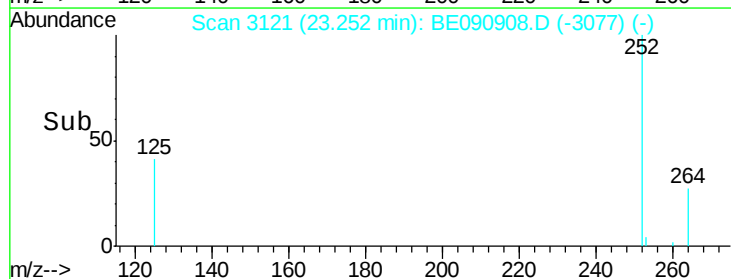
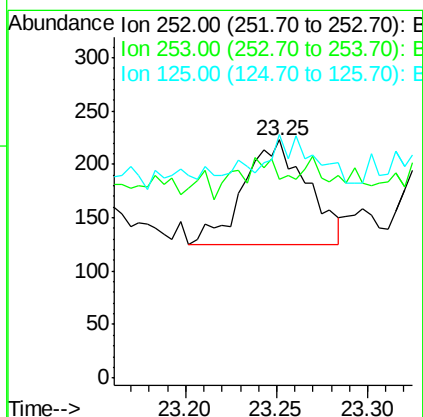
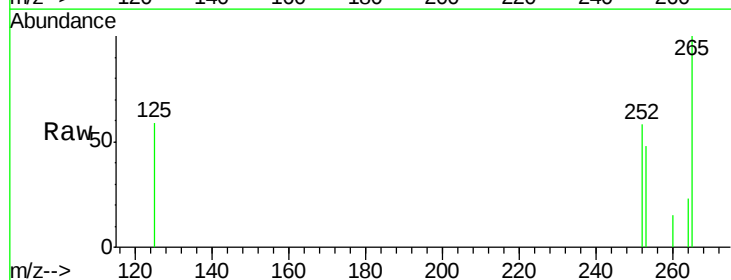
Instrument :
BNA_E
ClientSampleId :
091615-D534-F-D-S

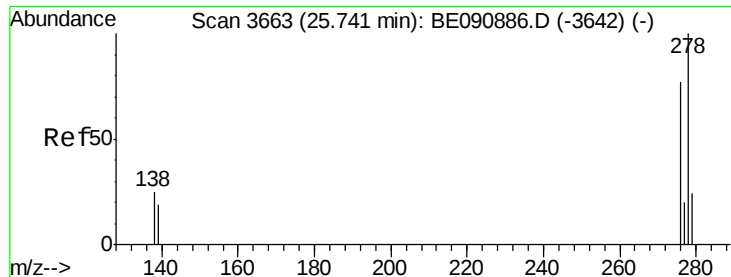
Tot Ion:252 Resp: 253
Ion Ratio Lower Upper
252 100
253 75.9 17.9 26.9#
125 71.9 10.1 15.1#



#36
Benzo(a)pyrene
Concen: 0.01 ng
RT: 23.25 min Scan# 3121
Delta R.T. 0.00 min
Lab File: BE090908.D
Acq: 19 Sep 2015 12:19

Tgt Ion:252 Resp: 239
Ion Ratio Lower Upper
252 100
253 83.4 17.2 25.8#
125 102.2 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: BE090908.D

Acq: 19 Sep 2015 12:19

Instrument :

BNA_E

ClientSampleId :

091615-D534-F-D-S

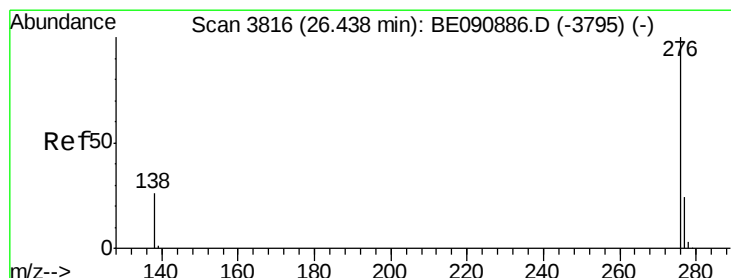
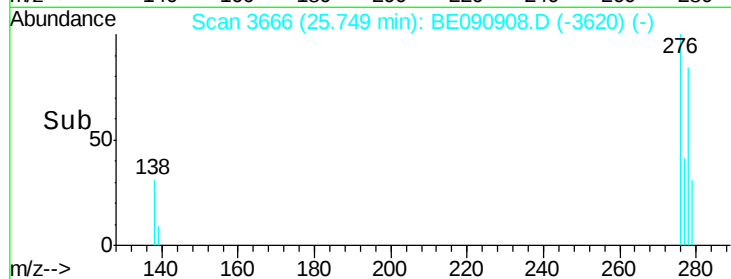
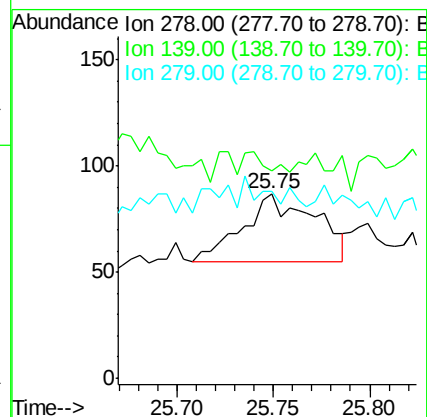
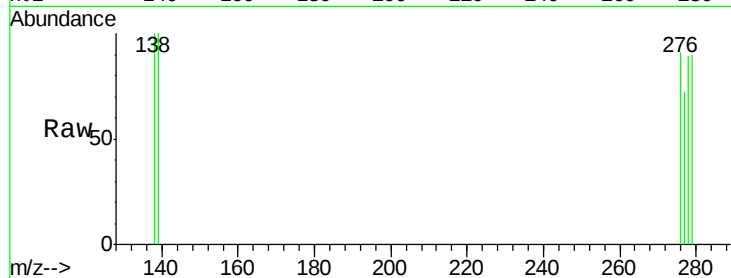
Tot Ion: 278 Resp: 83

Ion Ratio Lower Upper

278 100

139 112.6 15.4 23.0#

279 101.1 18.8 28.2#



#38

Benzo(g,h,i)perylene

Concen: 0.00 ng

RT: 26.46 min Scan# 3822

Delta R.T. 0.02 min

Lab File: BE090908.D

Acq: 19 Sep 2015 12:19

Tgt Ion: 276 Resp: 186

Ion Ratio Lower Upper

276 100

277 66.1 18.5 27.7#

138 90.2 20.1 30.1#

