

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102315\
 Data File : BE091035.D
 Acq On : 23 Oct 2015 15:55
 Operator : UM/NP
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 23 23:45:02 2015
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 07 17:11:43 2015
 Response via : Initial Calibration

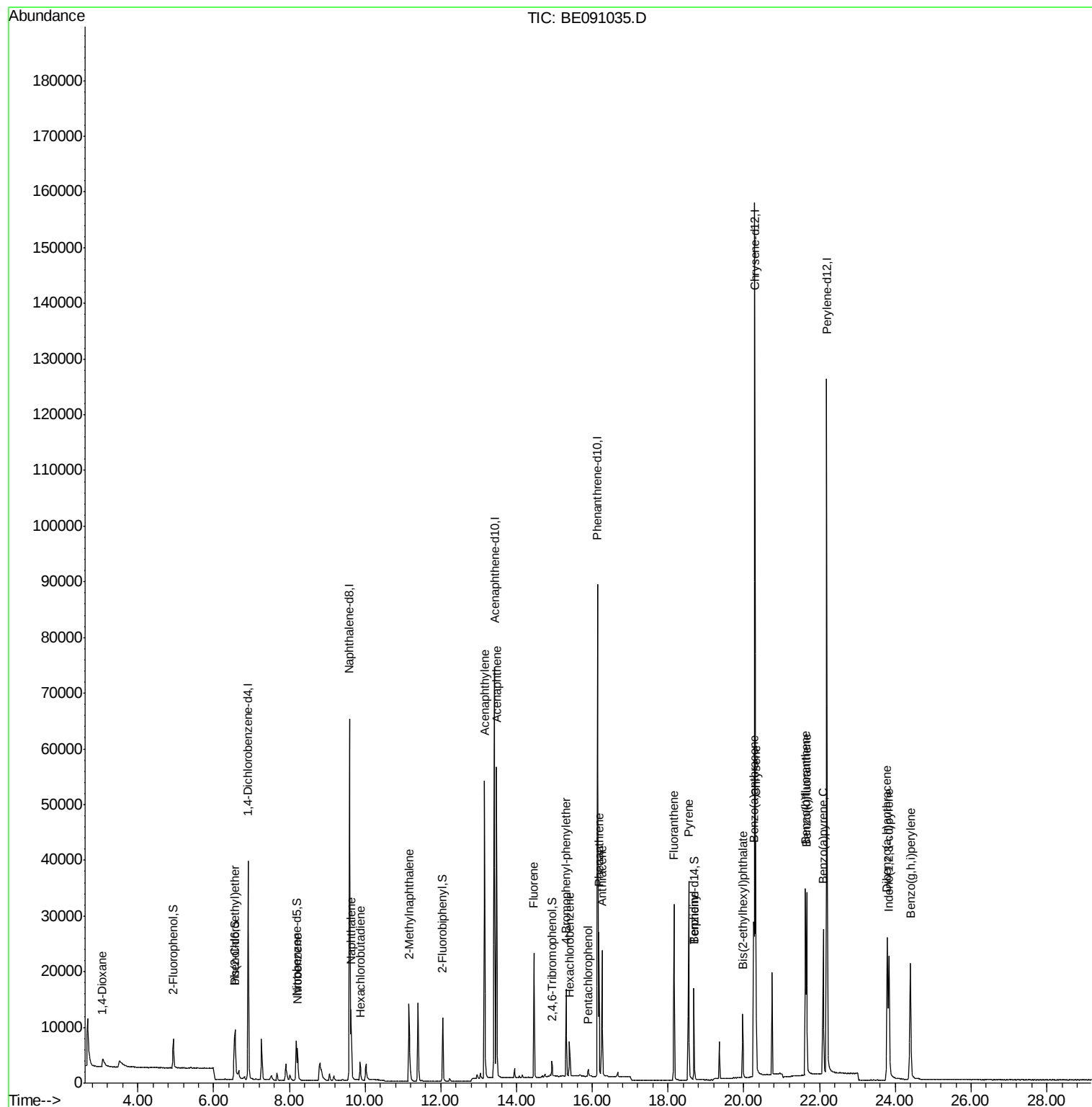
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	17598	5.00	ng	-0.04
7) Naphthalene-d8	9.59	136	79254	5.00	ng	-0.05
13) Acenaphthene-d10	13.41	164	41979	5.00	ng	-0.04
19) Phenanthrene-d10	16.13	188	103260	5.00	ng	-0.05
26) Chrysene-d12	20.29	240	133451	5.00	ng	-0.04
35) Perylene-d12	22.19	264	135702	5.00	ng	-0.06
System Monitoring Compounds						
4) 2-Fluorophenol	4.94	112	3906	1.16	ng	-0.06
5) Phenol-d6	6.55	99	4821	1.07	ng	-0.07
8) Nitrobenzene-d5	8.18	82	6331	1.35	ng	-0.06
14) 2,4,6-Tribromophenol	14.95	330	1130	0.93	ng	-0.04
15) 2-Fluorobiphenyl	12.05	172	11218	0.99	ng	-0.05
29) Terphenyl-d14	18.69	244	17994	1.12	ng	-0.05
Target Compounds						Qvalue
2) 1,4-Dioxane	3.07	88	2184	0.76	ng	# 81
6) bis(2-Chloroethyl)ether	6.57	93	12857	2.70	ng	# 28
9) Nitrobenzene	8.21	77	6718	1.35	ng	95
10) Naphthalene	9.63	128	16371	1.01	ng	99
11) Hexachlorobutadiene	9.87	225	2362	0.84	ng	98
12) 2-Methylnaphthalene	11.16	142	10470	1.04	ng	98
16) Acenaphthylene	13.15	152	68521	0.98	ng	100
17) Acenaphthene	13.48	154	10690	0.95	ng	96
18) Fluorene	14.46	166	13836	1.00	ng	99
20) 4-Bromophenyl-phenylether	15.31	248	3460	0.89	ng	75
21) Hexachlorobenzene	15.40	284	4117	0.12	ng	95
22) Pentachlorophenol	15.89	266	970	0.87	ng	91
23) Phenanthrene	16.17	178	24514	0.99	ng	100
24) Anthracene	16.25	178	22625	1.02	ng	99
25) Fluoranthene	18.16	202	28214	1.02	ng	99
27) Benzidine	18.68	184	433	0.11	ng	99
28) Pyrene	18.54	202	29270	0.95	ng	99
30) Benzo(a)anthracene	20.26	228	29986	1.01	ng	99
32) Chrysene	20.31	228	32407	0.91	ng	97
33) Bis(2-ethylhexyl)phthalate	19.97	149	10735	1.09	ng	100
34) Indeno(1,2,3-cd)pyrene	23.83	276	32156	1.05	ng	# 92
36) Benzo(b)fluoranthene	21.63	252	30822	1.03	ng	98
37) Benzo(k)fluoranthene	21.66	252	32966	0.84	ng	98
38) Benzo(a)pyrene	22.09	252	28826	1.04	ng	98
39) Dibenzo(a,h)anthracene	23.79	278	30880	1.13	ng	99
40) Benzo(g,h,i)perylene	24.40	276	33411	1.12	ng	98

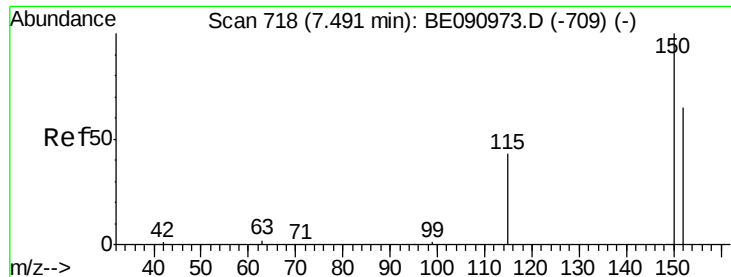
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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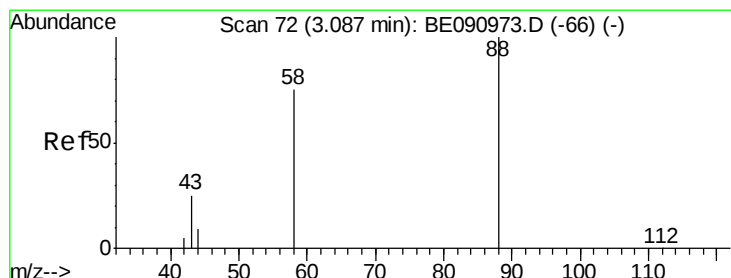
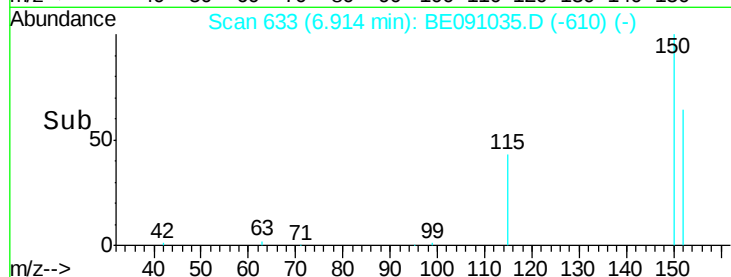
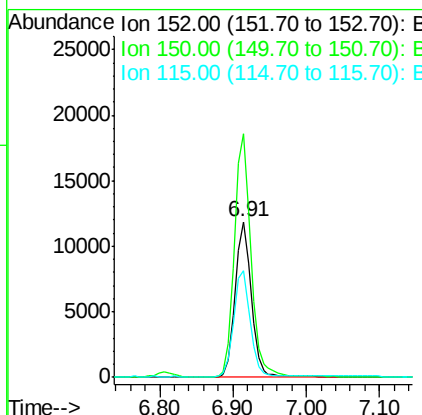
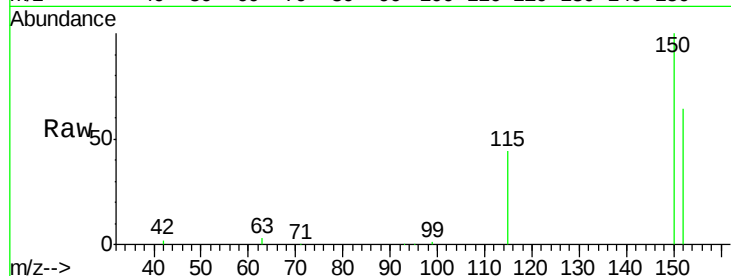


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 6.91 min Scan# 633
Delta R.T. -0.04 min
Lab File: BE091035.D
Acq: 23 Oct 2015 15:55

Instrument :
BNA_E
ClientSampled :

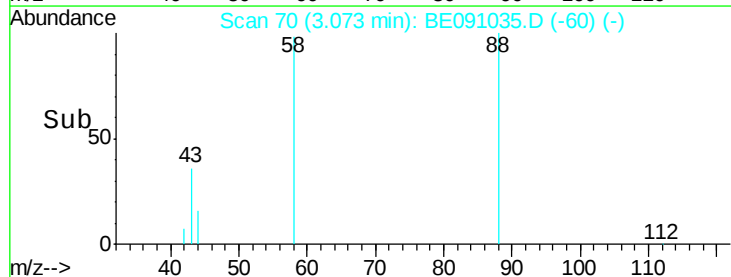
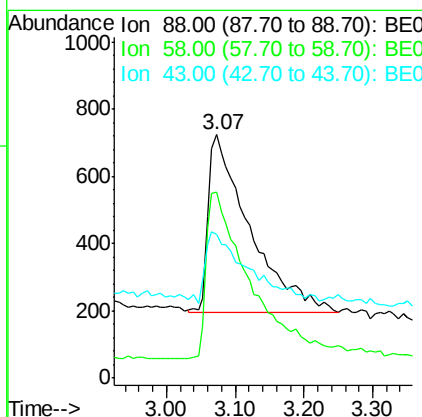
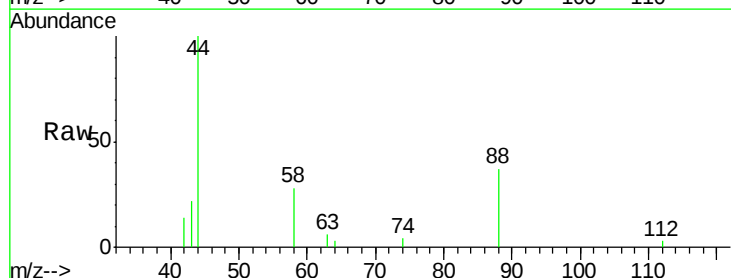
Tot Ion:152 Resp: 17598
Ion Ratio Lower Upper
152 100
150 156.6 122.6 183.8
115 68.5 52.8 79.2

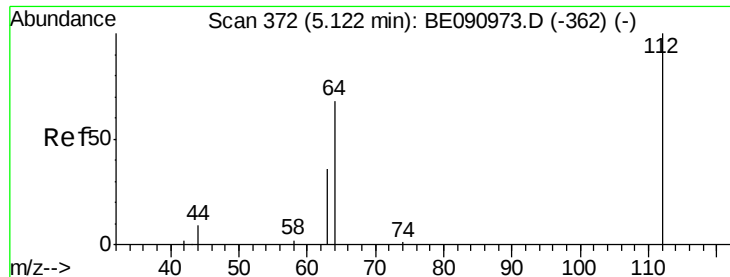


#2

1,4-Dioxane
Concen: 0.76 ng
RT: 3.07 min Scan# 70
Delta R.T. -0.13 min
Lab File: BE091035.D
Acq: 23 Oct 2015 15:55

Tgt Ion: 88 Resp: 2184
Ion Ratio Lower Upper
88 100
58 100.8 65.8 98.6#
43 38.7 25.3 37.9#





#4

2-Fluorophenol

Concen: 1.16 ng

RT: 4.94 min Scan# 345

Delta R.T. -0.06 min

Lab File: BE091035.D

Acq: 23 Oct 2015 15:55

Instrument :

BNA_E

ClientSampled :

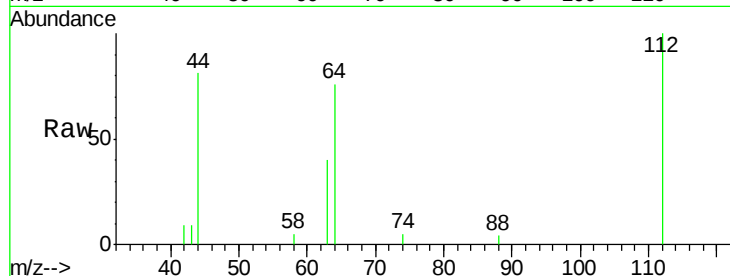
Tot Ion:112 Resp: 3906

Ion Ratio Lower Upper

112 100

64 79.3 30.9 46.3#

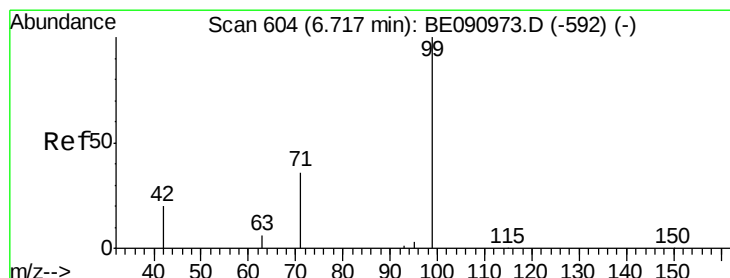
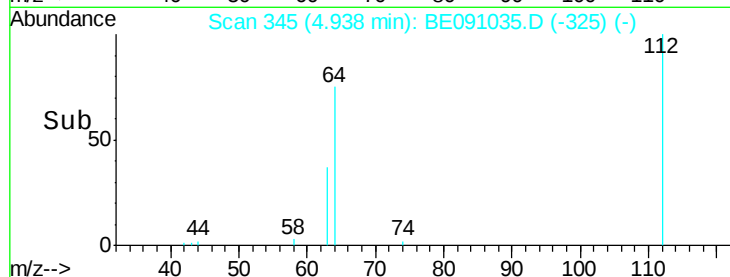
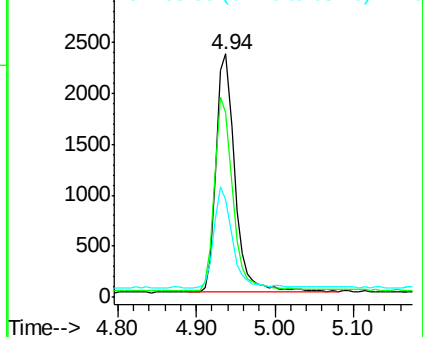
63 41.9 16.7 25.1#



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: 1.07 ng

RT: 6.55 min Scan# 580

Delta R.T. -0.07 min

Lab File: BE091035.D

Acq: 23 Oct 2015 15:55

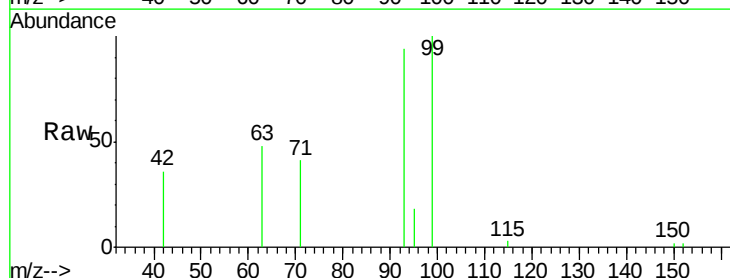
Tgt Ion: 99 Resp: 4821

Ion Ratio Lower Upper

99 100

42 34.2 16.2 24.2#

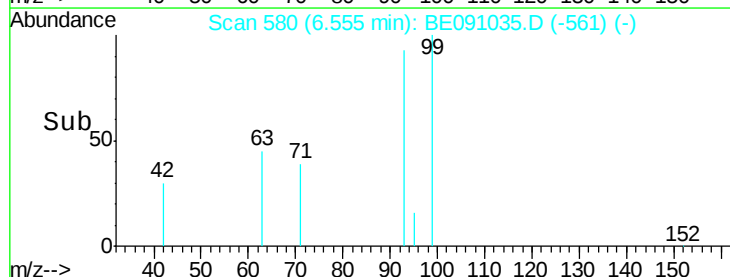
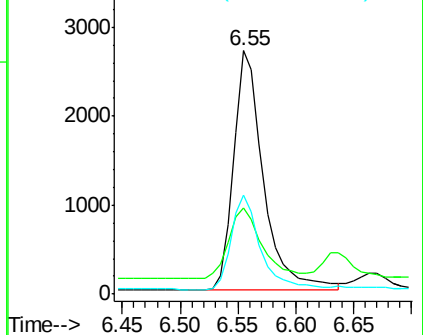
71 39.6 29.0 43.4

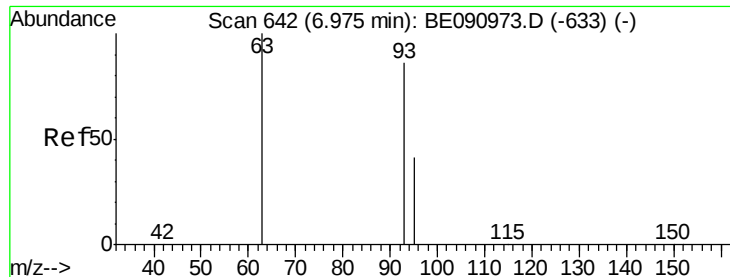


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 2.70 ng

RT: 6.57 min Scan# 582

Delta R.T. -0.09 min

Lab File: BE091035.D

Acq: 23 Oct 2015 15:55

Instrument :

BNA_E

ClientSampled :

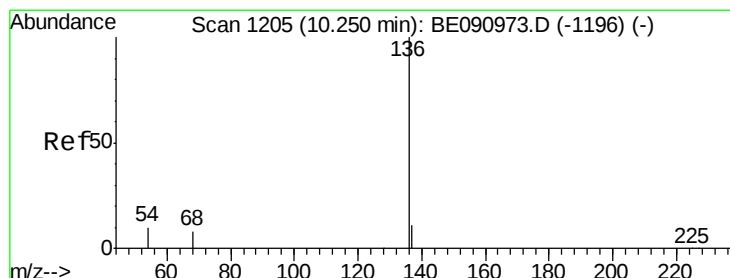
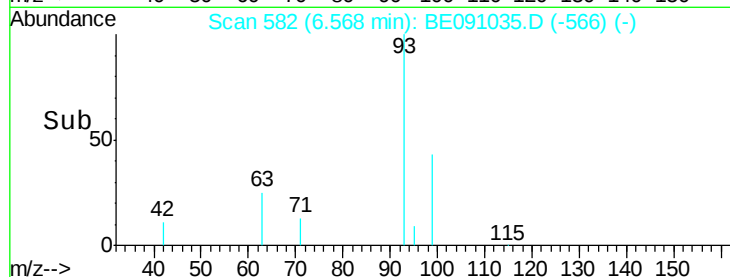
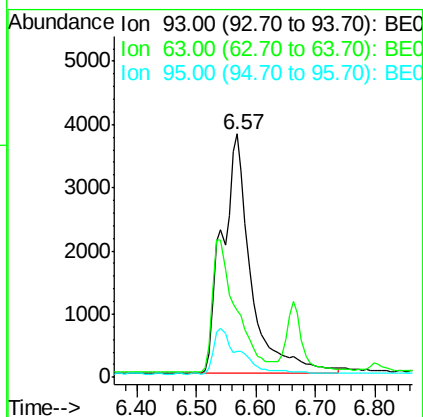
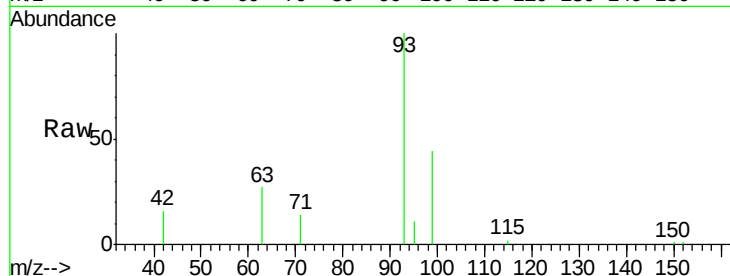
Tot Ion: 93 Resp: 12857

Ion Ratio Lower Upper

93 100

63 0.0 49.5 74.3#

95 0.0 22.2 33.4#



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 9.59 min Scan# 1155

Delta R.T. -0.05 min

Lab File: BE091035.D

Acq: 23 Oct 2015 15:55

Tgt Ion: 136 Resp: 79254

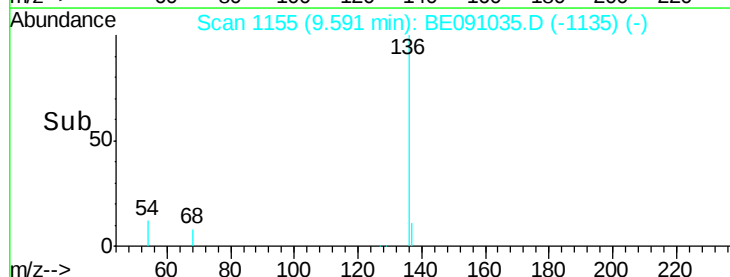
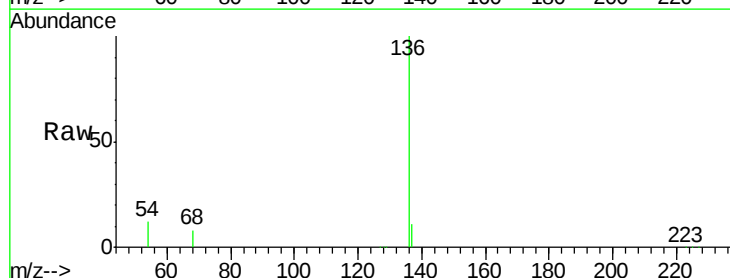
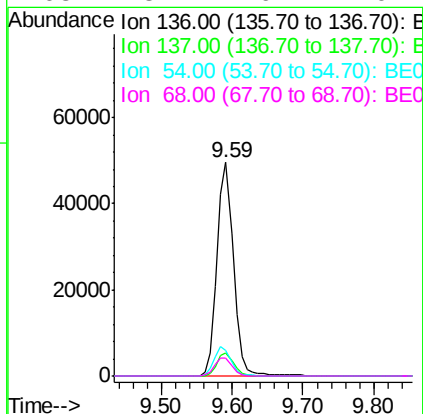
Ion Ratio Lower Upper

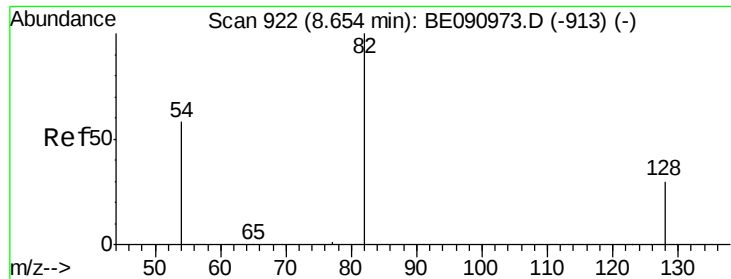
136 100

137 10.9 8.9 13.3

54 12.3 8.2 12.4

68 8.2 6.2 9.4

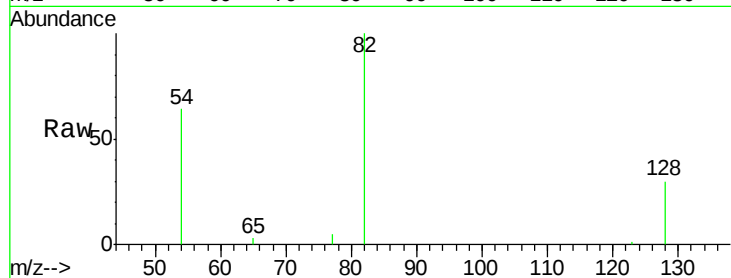




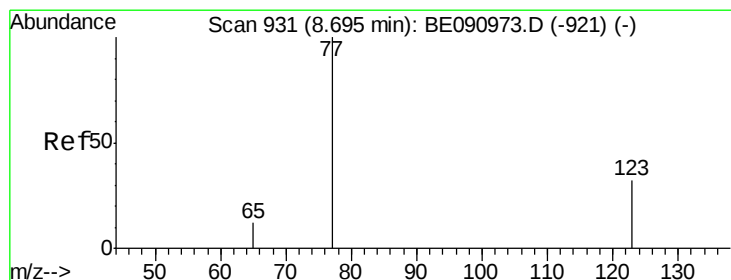
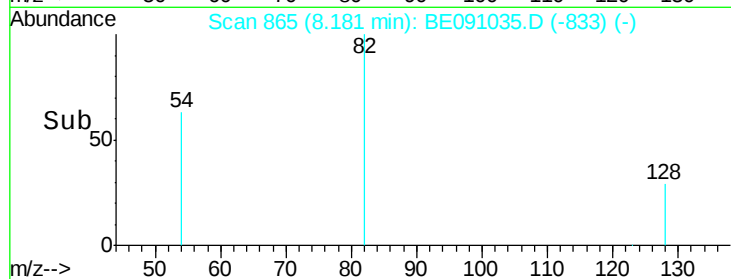
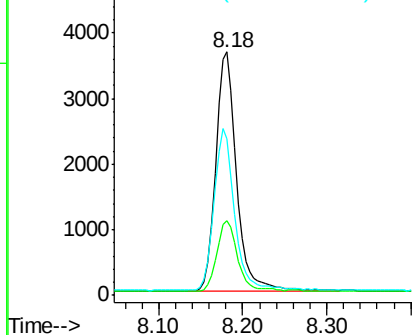
#8
 Nitrobenzene-d5
 Concen: 1.35 ng
 RT: 8.18 min Scan# 865
 Delta R.T. -0.06 min
 Lab File: BE091035.D
 Acq: 23 Oct 2015 15:55

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion: 82 Resp: 6331
 Ion Ratio Lower Upper
 82 100
 128 30.5 25.4 38.0
 54 64.2 48.4 72.6

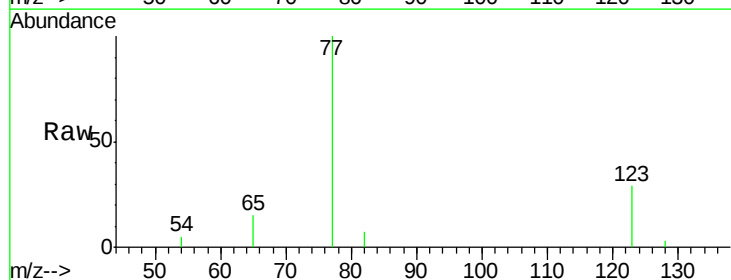


Abundance Ion 82.00 (81.70 to 82.70): BE0
 Ion 128.00 (127.70 to 128.70): BE0
 Ion 54.00 (53.70 to 54.70): BE0

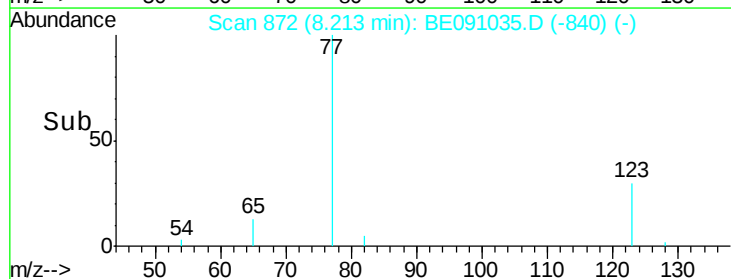
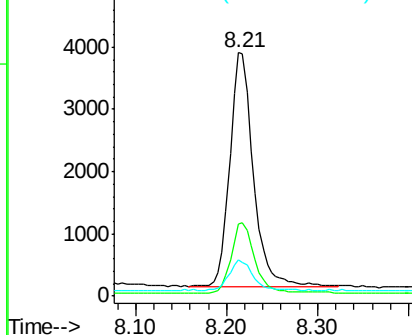


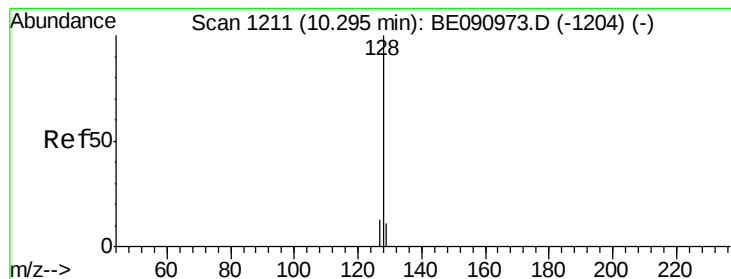
#9
 Nitrobenzene
 Concen: 1.35 ng
 RT: 8.21 min Scan# 872
 Delta R.T. -0.06 min
 Lab File: BE091035.D
 Acq: 23 Oct 2015 15:55

Tgt Ion: 77 Resp: 6718
 Ion Ratio Lower Upper
 77 100
 123 29.9 26.9 40.3
 65 12.7 9.4 14.2



Abundance Ion 77.00 (76.70 to 77.70): BE0
 Ion 123.00 (122.70 to 123.70): BE0
 Ion 65.00 (64.70 to 65.70): BE0





#10

Naphthalene

Concen: 1.01 ng

RT: 9.63 min Scan# 1160

Delta R.T. -0.05 min

Lab File: BE091035.D

Acq: 23 Oct 2015 15:55

Instrument :

BNA_E

ClientSampleId :

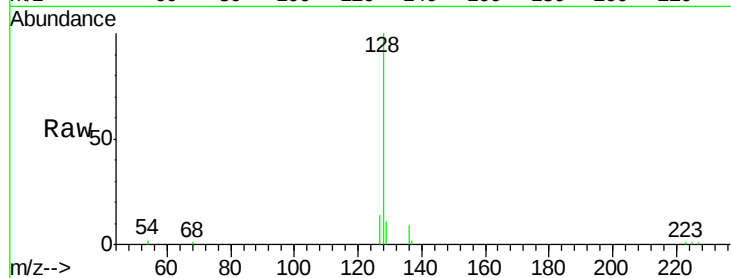
Tot Ion:128 Resp: 16371

Ion Ratio Lower Upper

128 100

129 11.1 9.3 13.9

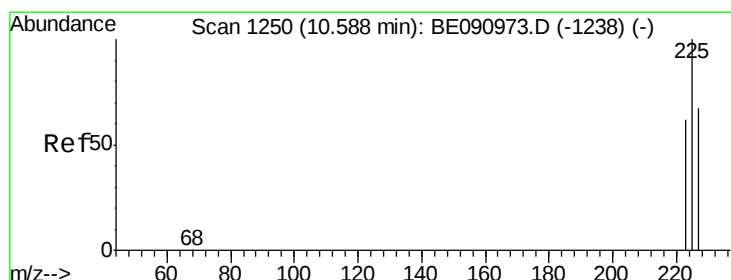
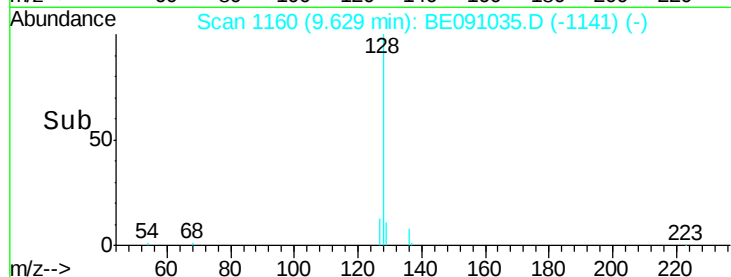
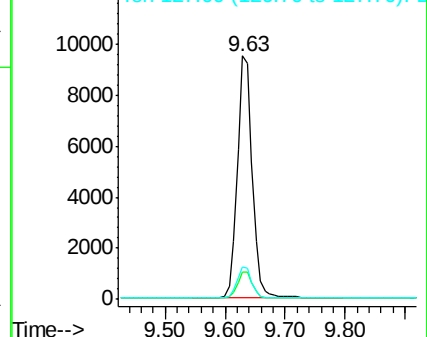
127 13.6 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#11

Hexachlorobutadiene

Concen: 0.84 ng

RT: 9.87 min Scan# 1192

Delta R.T. -0.04 min

Lab File: BE091035.D

Acq: 23 Oct 2015 15:55

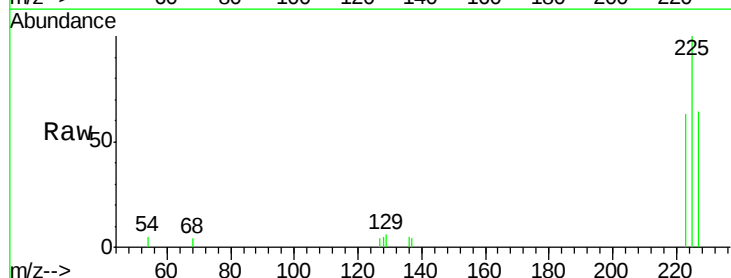
Tgt Ion:225 Resp: 2362

Ion Ratio Lower Upper

225 100

223 63.0 49.0 73.6

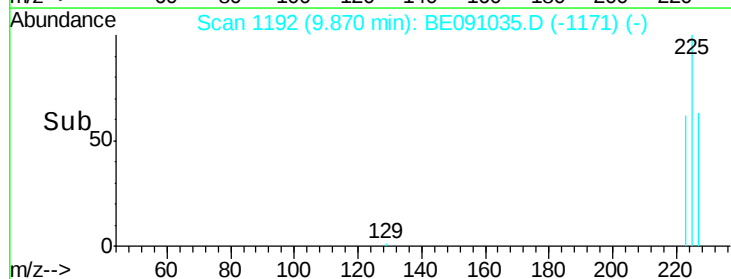
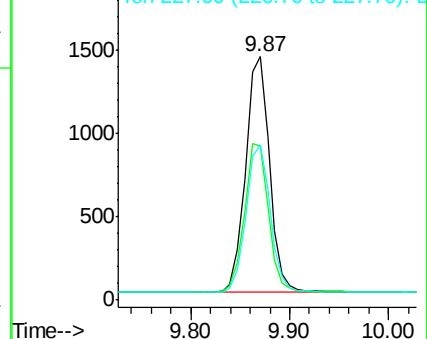
227 63.5 50.3 75.5

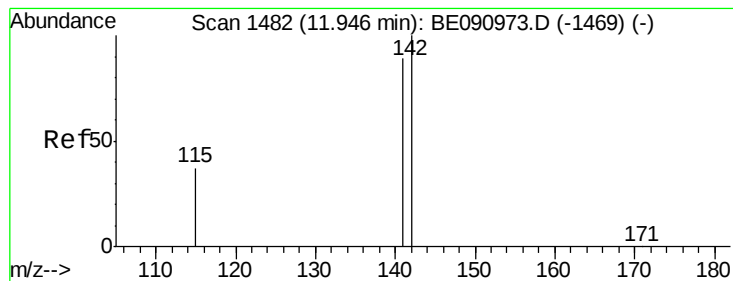


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#12

2-Methylnaphthalene

Concen: 1.04 ng

RT: 11.16 min Scan# 1417

Delta R.T. -0.05 min

Lab File: BE091035.D

Acq: 23 Oct 2015 15:55

Instrument :

BNA_E

ClientSampleId :

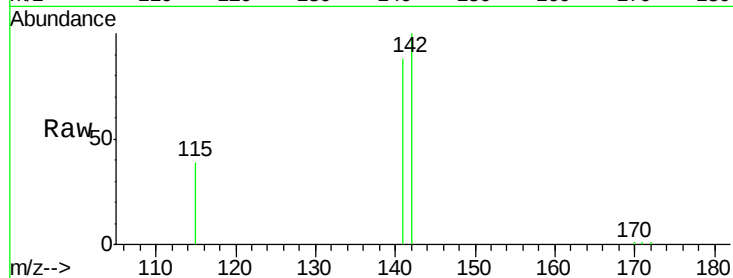
Tot Ion:142 Resp: 10470

Ion Ratio Lower Upper

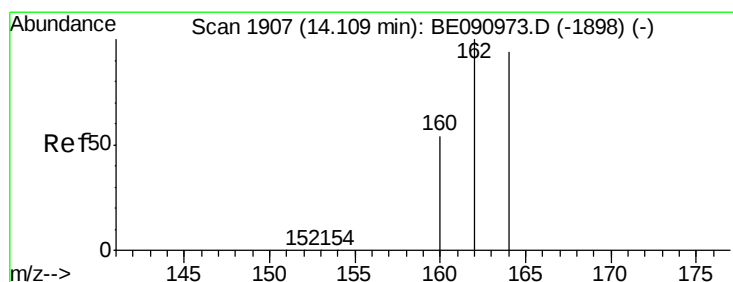
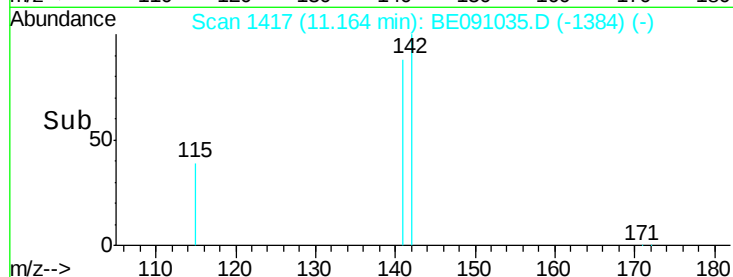
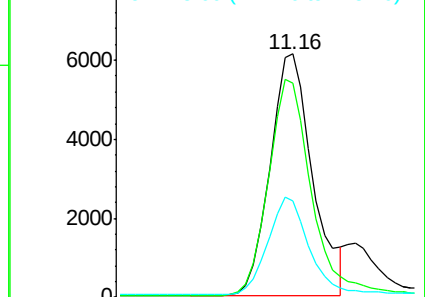
142 100

141 88.0 71.4 107.0

115 39.4 30.3 45.5



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 13.41 min Scan# 1844

Delta R.T. -0.04 min

Lab File: BE091035.D

Acq: 23 Oct 2015 15:55

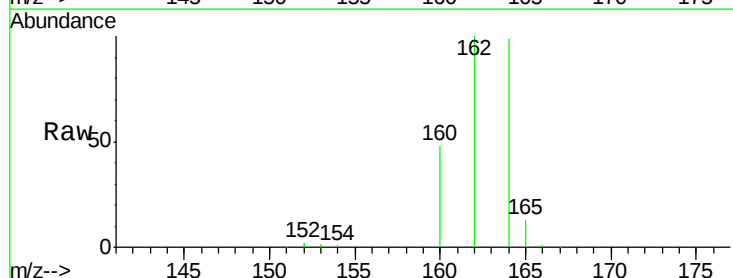
Tgt Ion:164 Resp: 41979

Ion Ratio Lower Upper

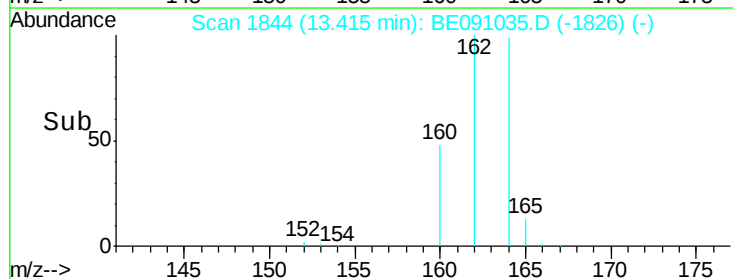
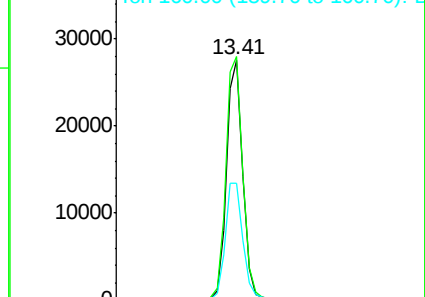
164 100

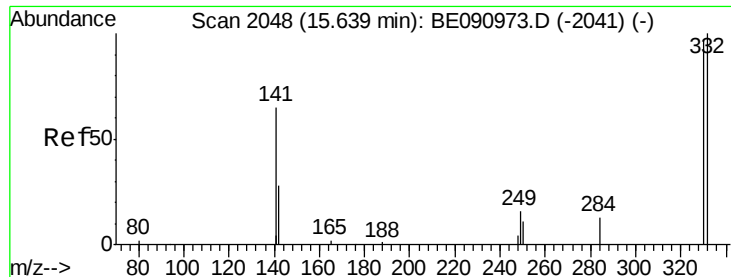
162 101.4 85.3 127.9

160 48.9 46.2 69.2



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

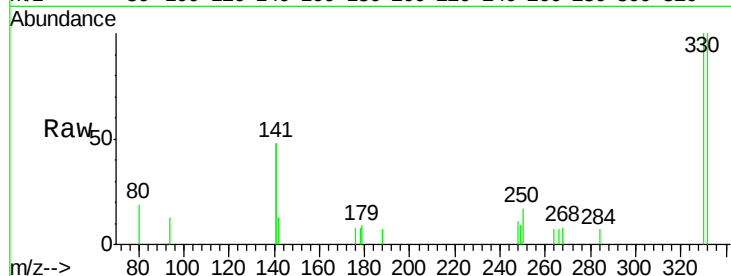




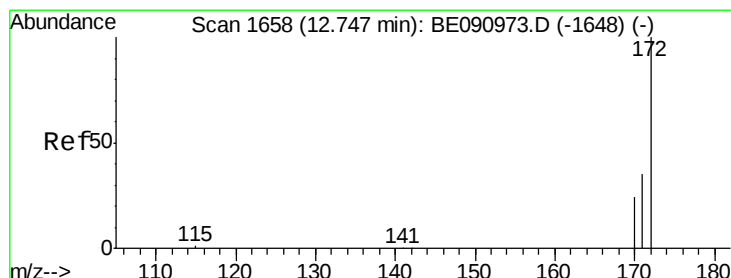
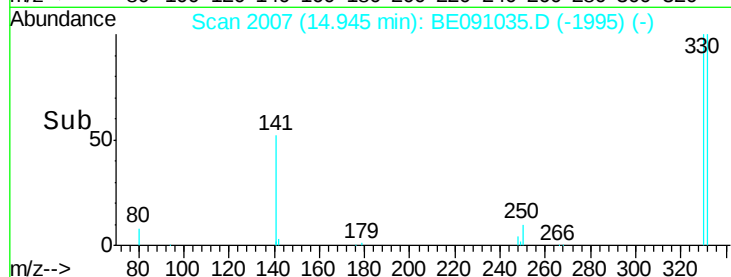
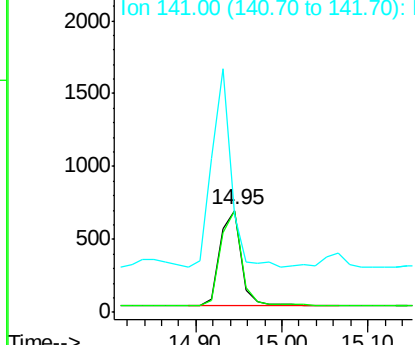
#14
 2,4,6-Tribromophenol
 Concen: 0.93 ng
 RT: 14.95 min Scan# 2007
 Delta R.T. -0.04 min
 Lab File: BE091035.D
 Acq: 23 Oct 2015 15:55

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:330 Resp: 1130
 Ion Ratio Lower Upper
 330 100
 332 99.0 79.1 118.7
 141 188.4 125.4 188.0#

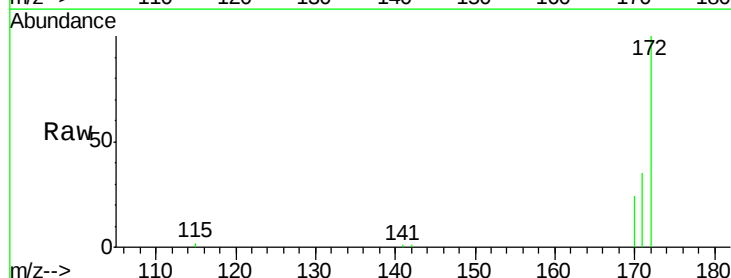


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

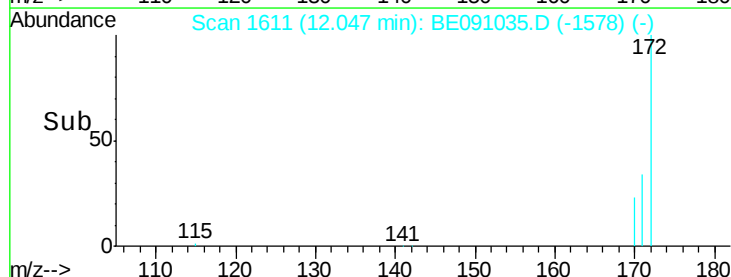
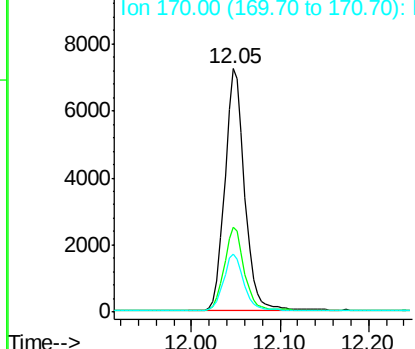


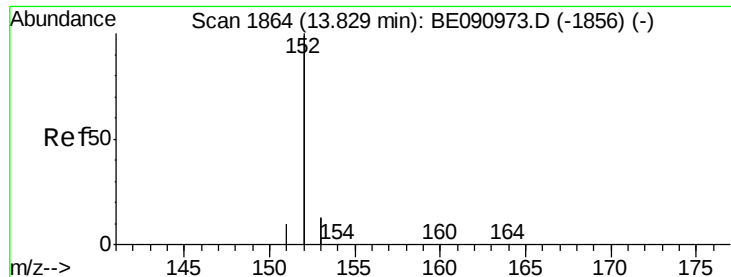
#15
 2-Fluorobiphenyl
 Concen: 0.99 ng
 RT: 12.05 min Scan# 1611
 Delta R.T. -0.05 min
 Lab File: BE091035.D
 Acq: 23 Oct 2015 15:55

Tgt Ion:172 Resp: 11218
 Ion Ratio Lower Upper
 172 100
 171 34.7 28.8 43.2
 170 23.6 19.3 28.9



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: 0.98 ng

RT: 13.15 min Scan# 1814

Delta R.T. -0.05 min

Lab File: BE091035.D

Acq: 23 Oct 2015 15:55

Instrument :

BNA_E

ClientSampleId :

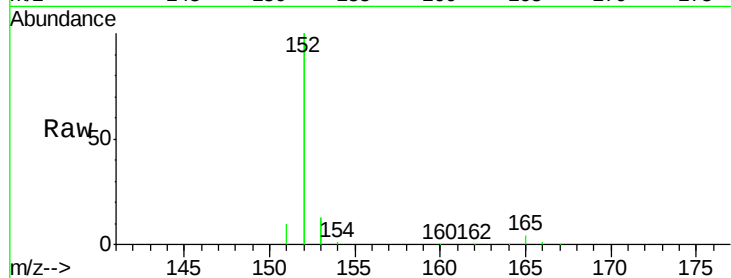
Tot Ion:152 Resp: 68521

Ion Ratio Lower Upper

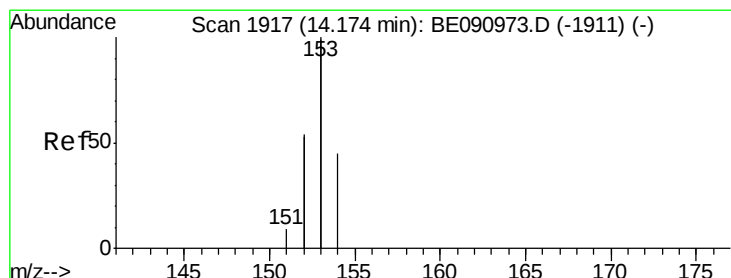
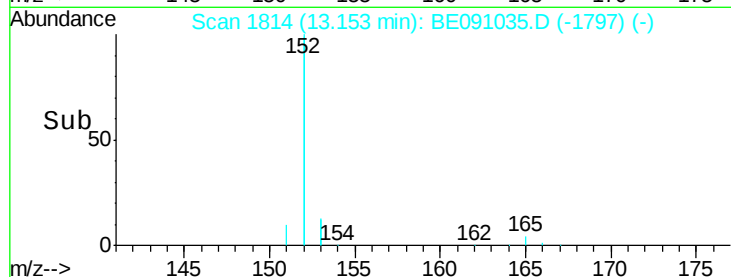
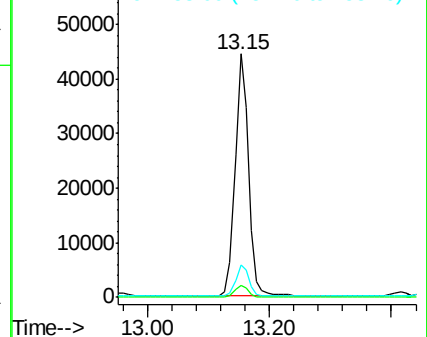
152 100

151 4.8 3.9 5.9

153 12.7 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: 0.95 ng

RT: 13.48 min Scan# 1851

Delta R.T. -0.04 min

Lab File: BE091035.D

Acq: 23 Oct 2015 15:55

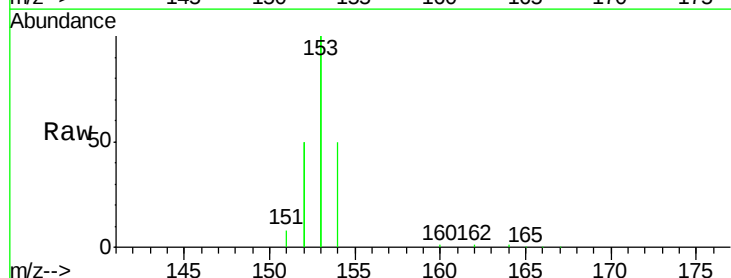
Tgt Ion:154 Resp: 10690

Ion Ratio Lower Upper

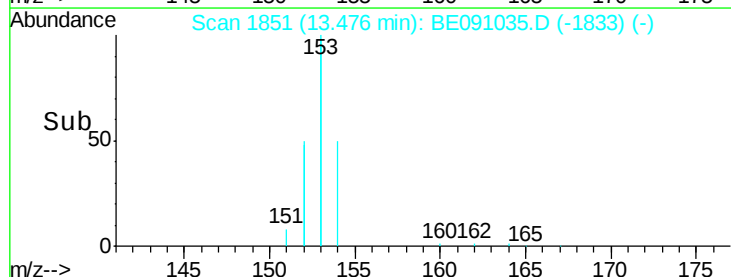
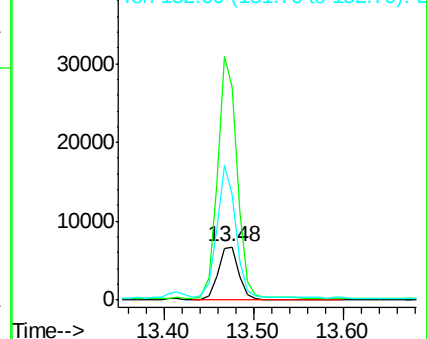
154 100

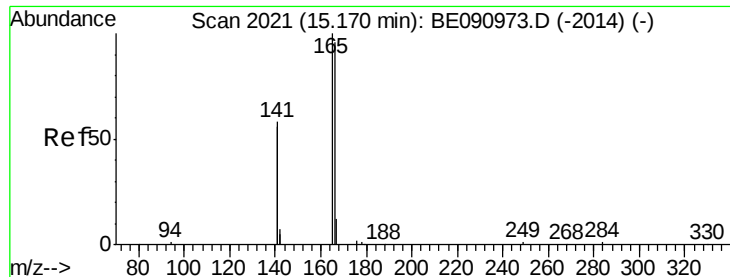
153 440.4 352.0 528.0

152 231.3 200.0 300.0



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





#18

Fluorene

Concen: 1.00 ng

RT: 14.46 min Scan# 1963

Delta R.T. -0.05 min

Lab File: BE091035.D

Acq: 23 Oct 2015 15:55

Instrument :

BNA_E

ClientSampleId :

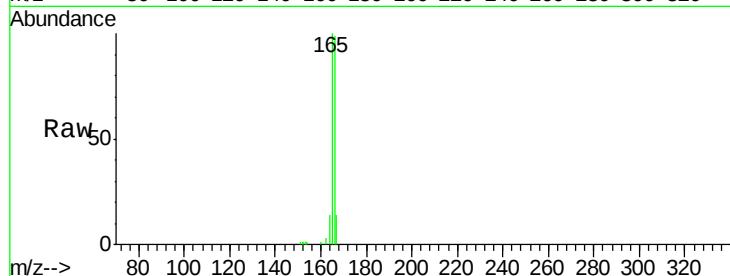
Tot Ion:166 Resp: 13836

Ion Ratio Lower Upper

166 100

165 99.5 80.8 121.2

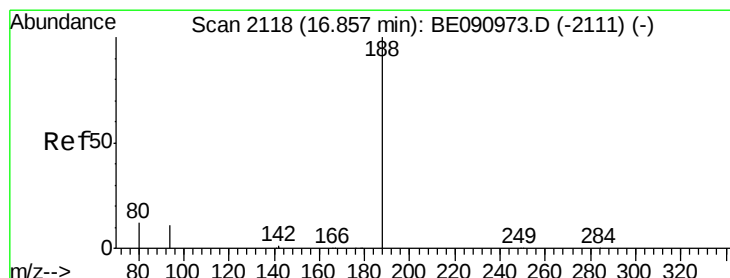
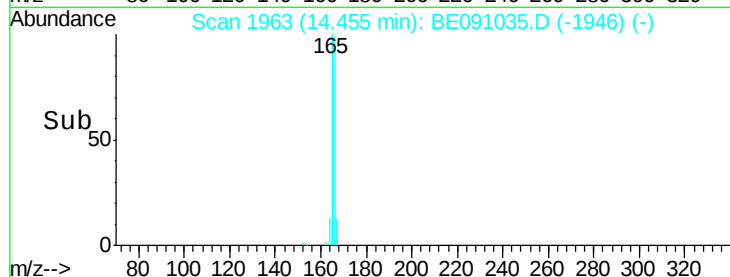
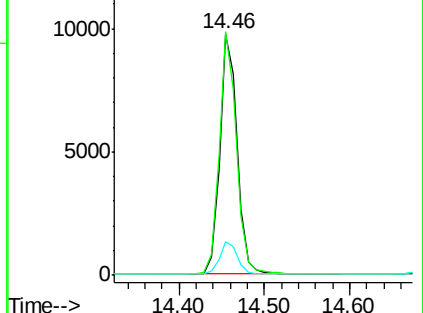
167 13.7 10.9 16.3



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



#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.13 min Scan# 2096

Delta R.T. -0.05 min

Lab File: BE091035.D

Acq: 23 Oct 2015 15:55

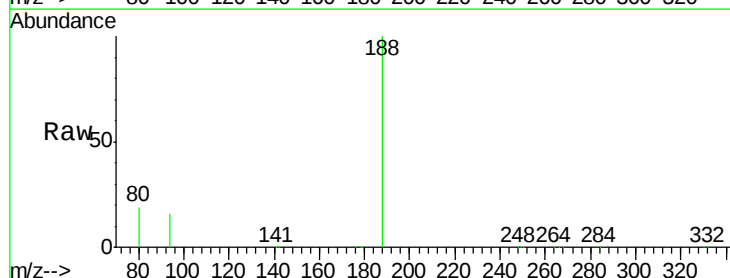
Tgt Ion:188 Resp: 103260

Ion Ratio Lower Upper

188 100

94 16.1 8.7 13.1#

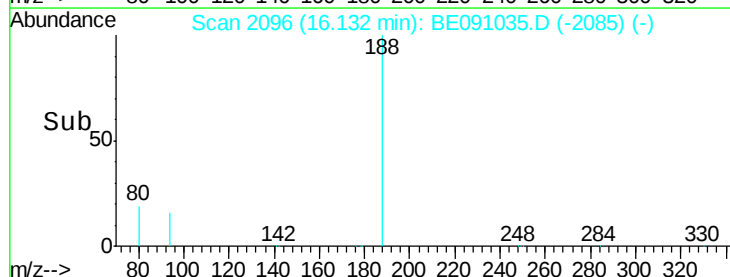
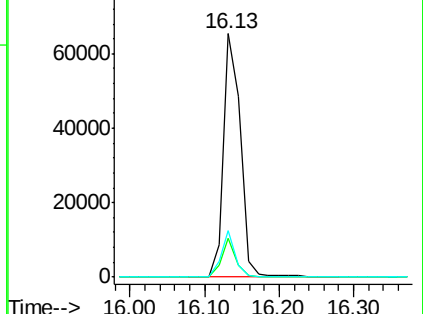
80 18.9 9.4 14.0#

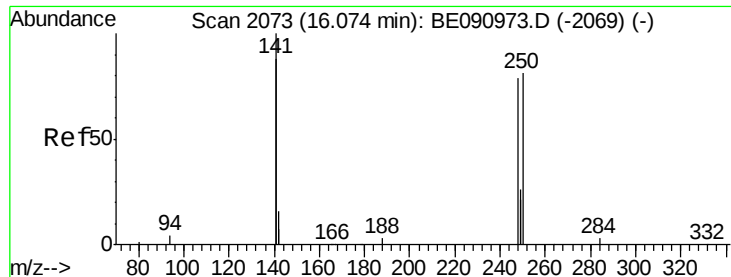


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

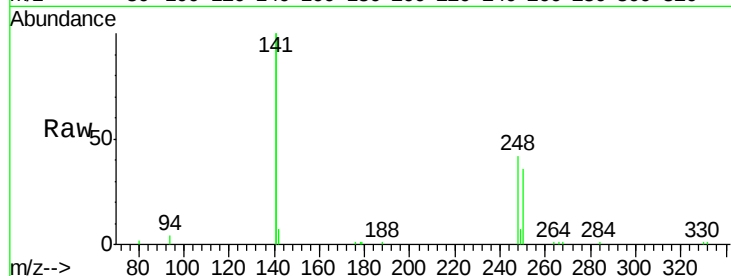




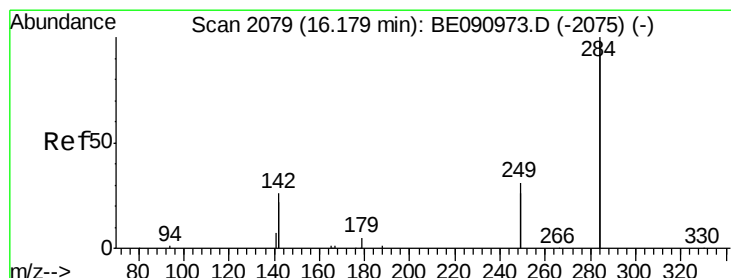
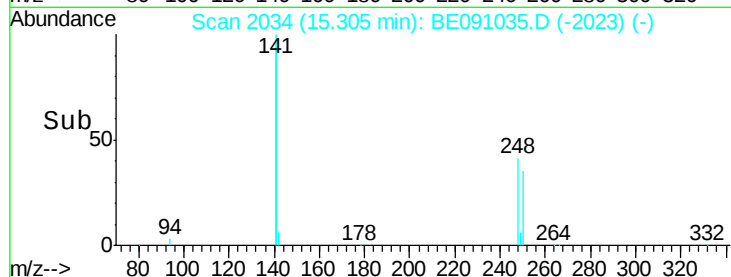
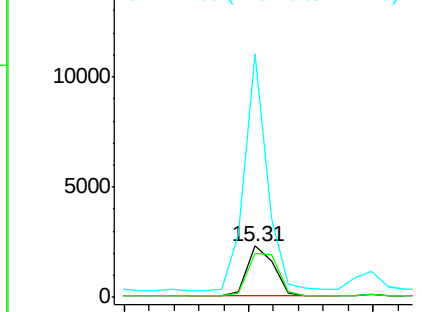
#20
4-Bromophenyl-phenylether
Concen: 0.89 ng
RT: 15.31 min Scan# 2034
Delta R.T. -0.05 min
Lab File: BE091035.D
Acq: 23 Oct 2015 15:55

Instrument :
BNA_E
ClientSampled :

Tot Ion:248 Resp: 3460
Ion Ratio Lower Upper
248 100
250 96.4 80.5 120.7
141 392.9 261.9 392.9

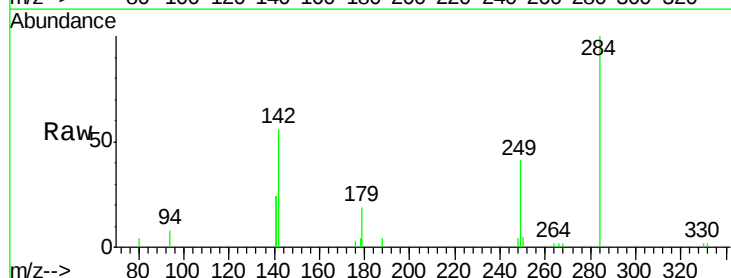


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

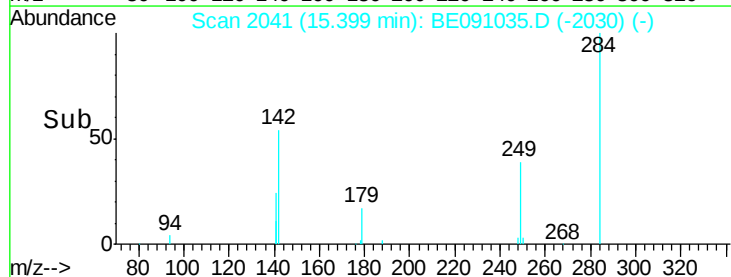
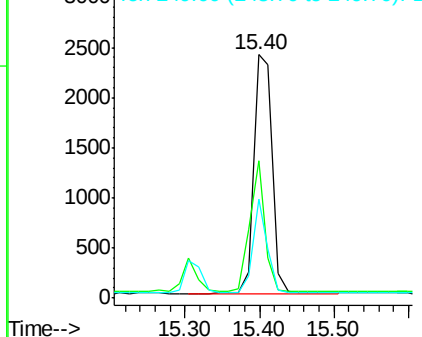


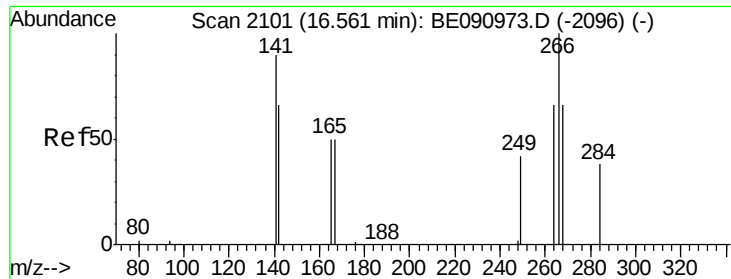
#21
Hexachlorobenzene
Concen: 0.12 ng
RT: 15.40 min Scan# 2041
Delta R.T. -0.05 min
Lab File: BE091035.D
Acq: 23 Oct 2015 15:55

Tgt Ion:284 Resp: 4117
Ion Ratio Lower Upper
284 100
142 44.7 32.2 48.2
249 31.2 25.4 38.2



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: 0.87 ng

RT: 15.89 min Scan# 2078

Delta R.T. -0.04 min

Lab File: BE091035.D

Acq: 23 Oct 2015 15:55

Instrument :

BNA_E

ClientSampleId :

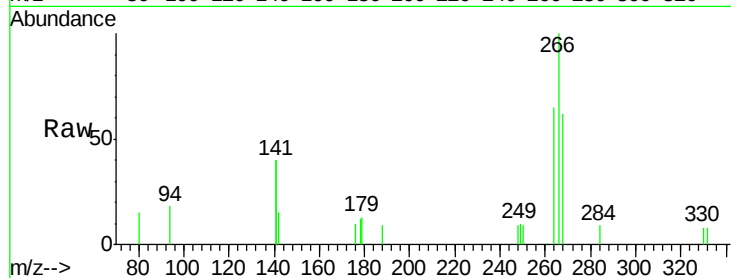
Tot Ion:266 Resp: 970

Ion Ratio Lower Upper

266 100

268 62.5 58.2 87.2

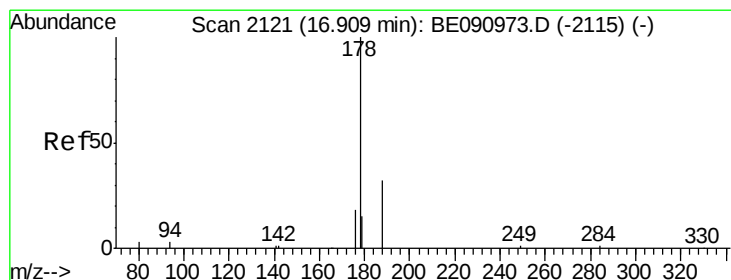
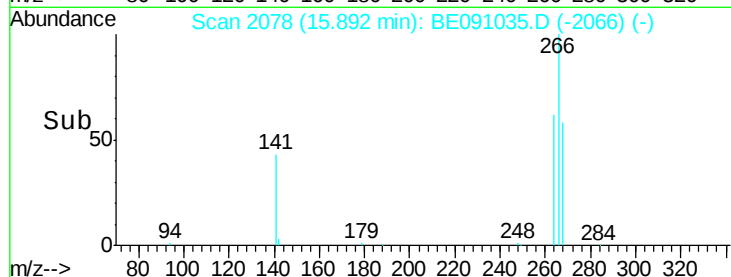
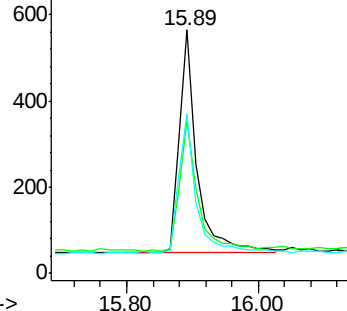
264 65.5 56.2 84.4



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: 0.99 ng

RT: 16.17 min Scan# 2099

Delta R.T. -0.05 min

Lab File: BE091035.D

Acq: 23 Oct 2015 15:55

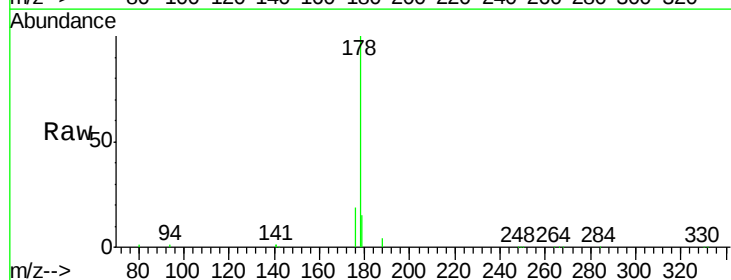
Tgt Ion:178 Resp: 24514

Ion Ratio Lower Upper

178 100

176 19.2 15.3 22.9

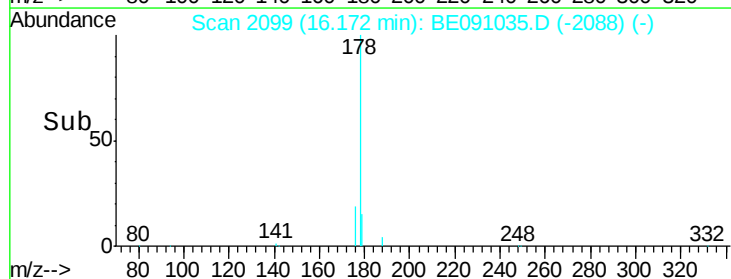
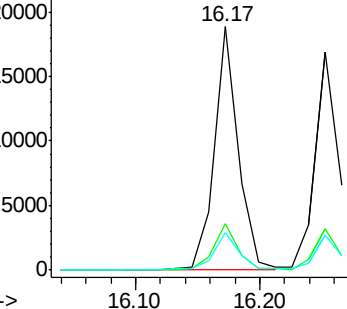
179 15.6 12.6 18.8

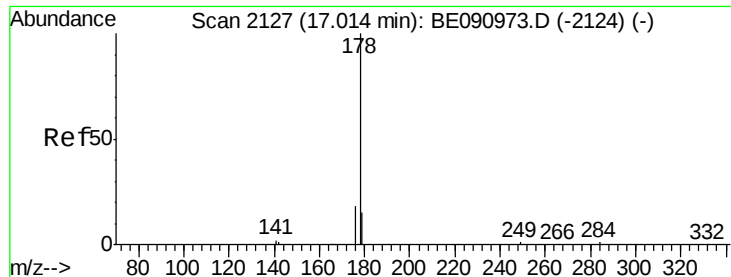


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#24

Anthracene

Concen: 1.02 ng

RT: 16.25 min Scan# 2105

Delta R.T. -0.05 min

Lab File: BE091035.D

Acq: 23 Oct 2015 15:55

Instrument :

BNA_E

ClientSampleId :

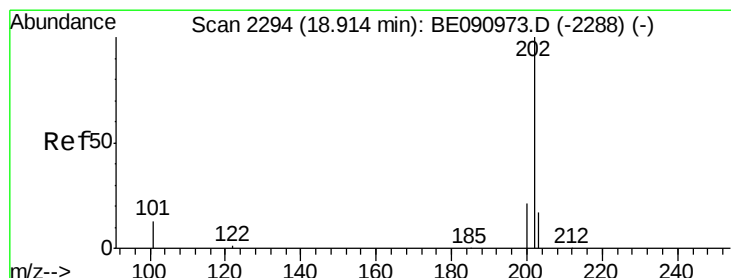
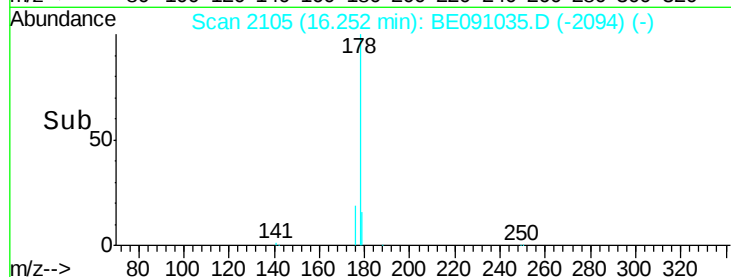
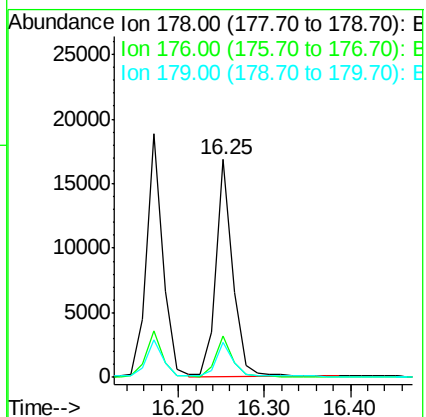
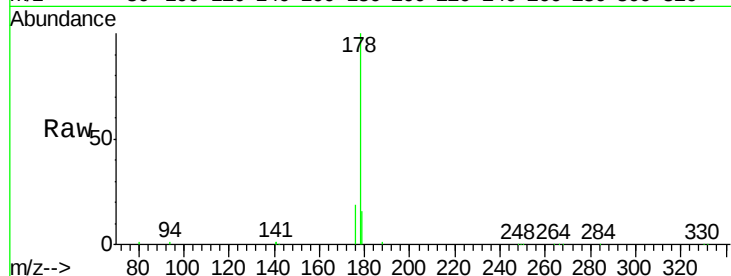
Tot Ion:178 Resp: 22625

Ion Ratio Lower Upper

178 100

176 18.4 14.6 21.8

179 15.6 11.8 17.6



#25

Fluoranthene

Concen: 1.02 ng

RT: 18.16 min Scan# 2311

Delta R.T. -0.05 min

Lab File: BE091035.D

Acq: 23 Oct 2015 15:55

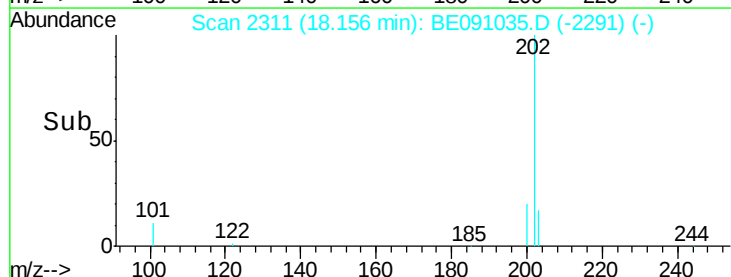
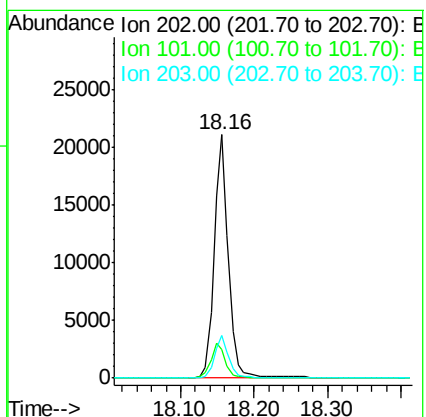
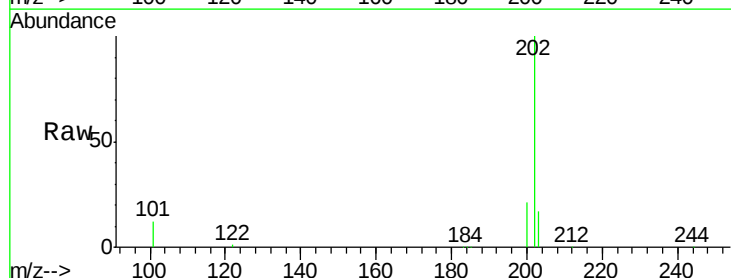
Tgt Ion:202 Resp: 28214

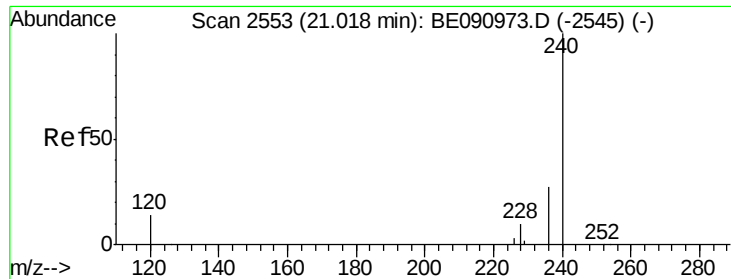
Ion Ratio Lower Upper

202 100

101 14.0 11.0 16.6

203 17.2 13.9 20.9

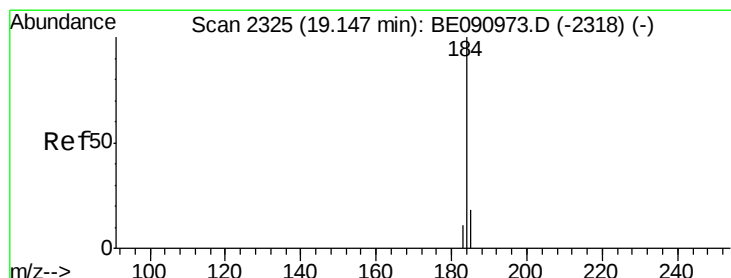
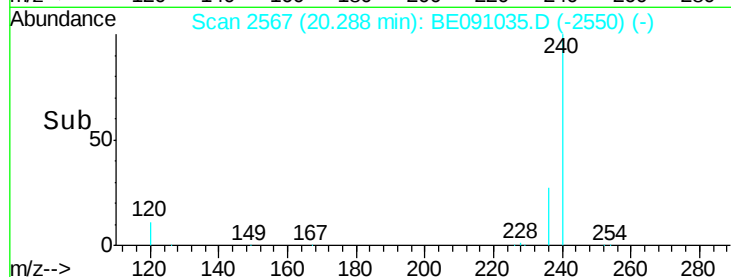
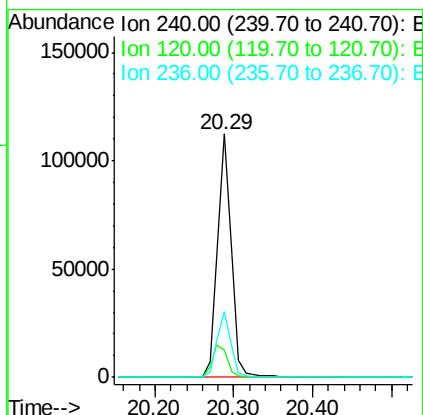
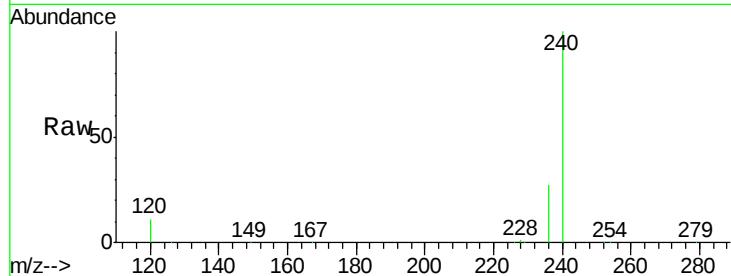




#26
Chrysene-d12
Concen: 5.00 ng
RT: 20.29 min Scan# 2567
Delta R.T. -0.04 min
Lab File: BE091035.D
Acq: 23 Oct 2015 15:55

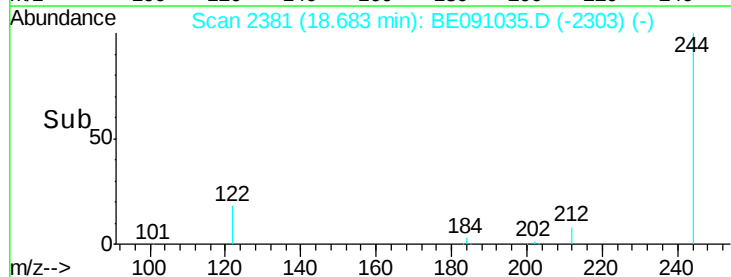
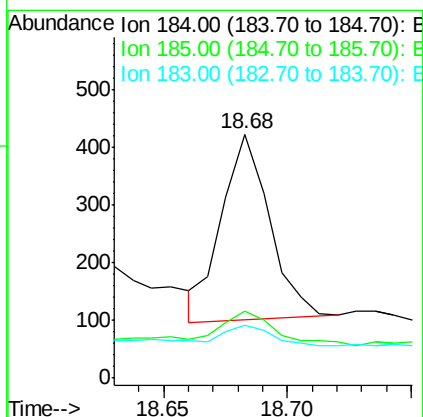
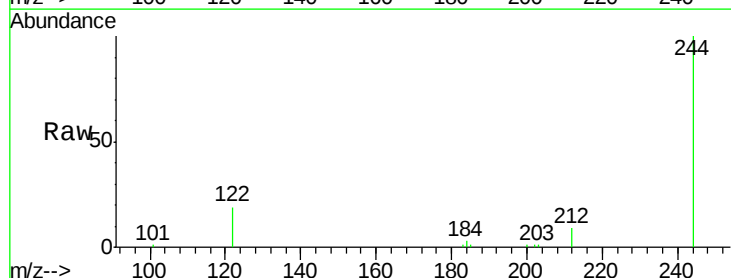
Instrument :
BNA_E
ClientSampleId :

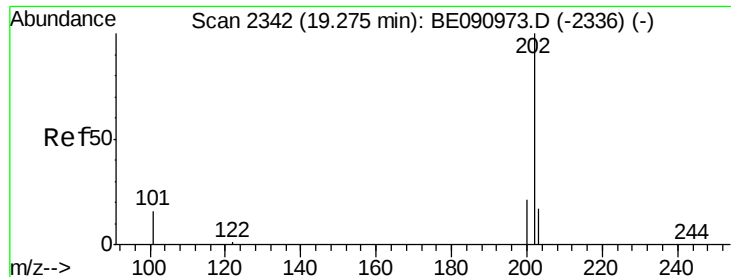
Tot Ion:240 Resp: 133451
Ion Ratio Lower Upper
240 100
120 11.2 11.0 16.4
236 27.0 21.7 32.5



#27
Benzidine
Concen: 0.11 ng
RT: 18.68 min Scan# 2381
Delta R.T. 0.09 min
Lab File: BE091035.D
Acq: 23 Oct 2015 15:55

Tgt Ion:184 Resp: 433
Ion Ratio Lower Upper
184 100
185 27.7 22.3 33.5
183 21.7 16.4 24.6

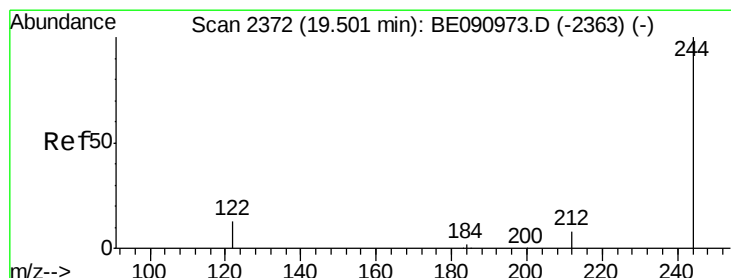
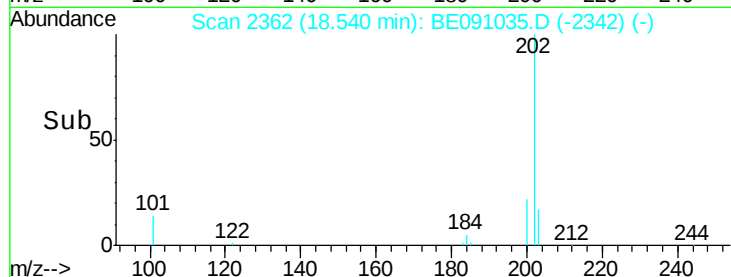
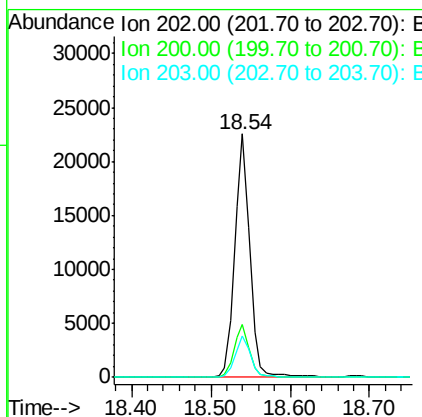
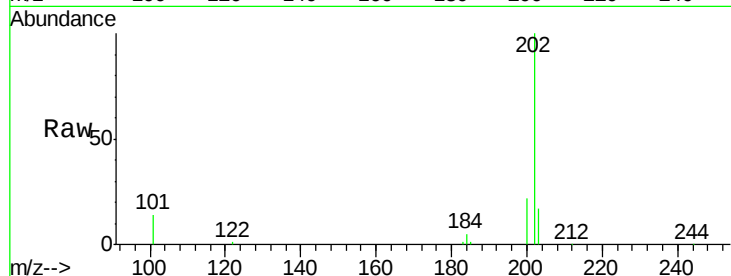




#28
Pvrene
Concen: 0.95 ng
RT: 18.54 min Scan# 2362
Delta R.T. -0.05 min
Lab File: BE091035.D
Acq: 23 Oct 2015 15:55

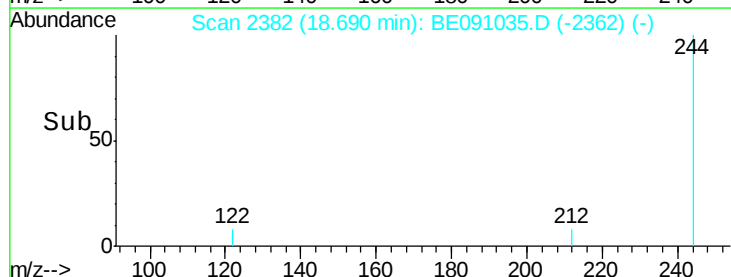
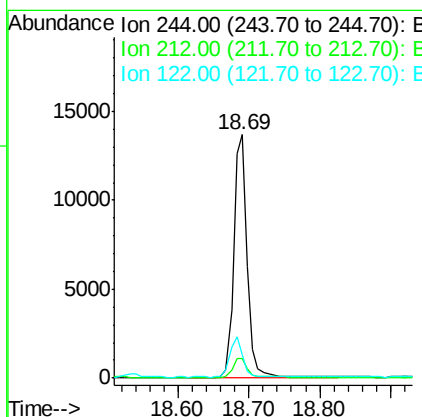
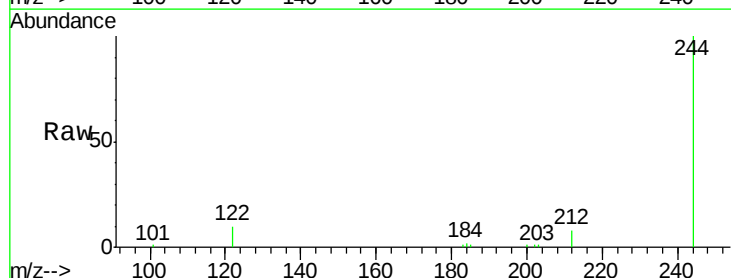
Instrument :
BNA_E
ClientSampleId :

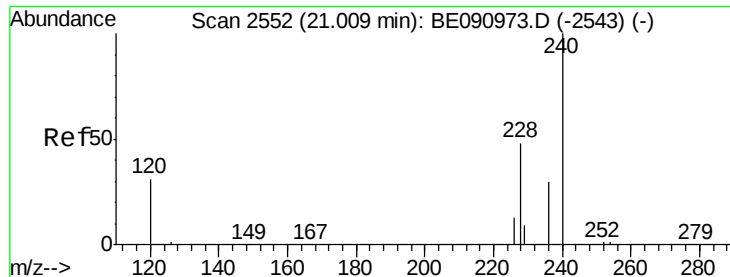
Tot Ion:202 Resp: 29270
Ion Ratio Lower Upper
202 100
200 21.6 16.8 25.2
203 17.2 14.0 21.0



#29
Terphenyl-d14
Concen: 1.12 ng
RT: 18.69 min Scan# 2382
Delta R.T. -0.05 min
Lab File: BE091035.D
Acq: 23 Oct 2015 15:55

Tgt Ion:244 Resp: 17994
Ion Ratio Lower Upper
244 100
212 8.3 6.9 10.3
122 9.5 11.0 16.4#





#30

Benzo(a)anthracene

Concen: 1.01 ng

RT: 20.26 min Scan# 2564

Delta R.T. -0.04 min

Lab File: BE091035.D

Acq: 23 Oct 2015 15:55

Instrument :

BNA_E

ClientSampleId :

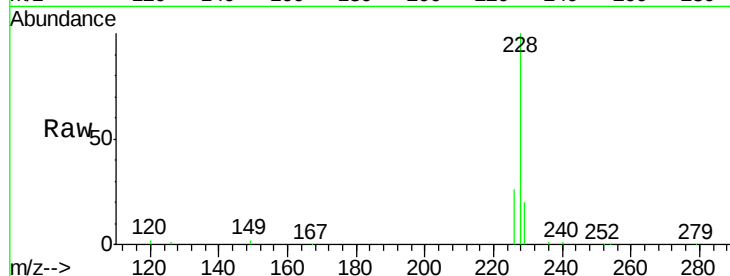
Tot Ion:228 Resp: 29986

Ion Ratio Lower Upper

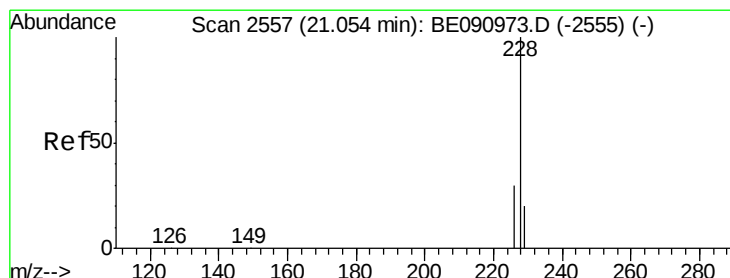
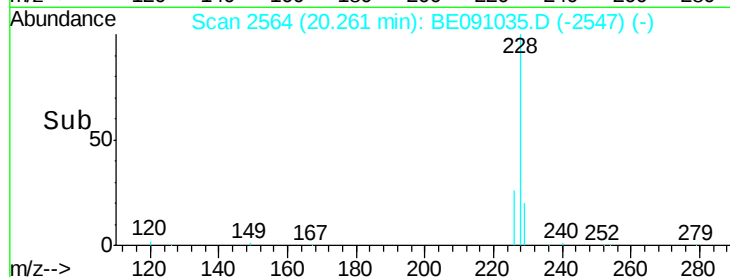
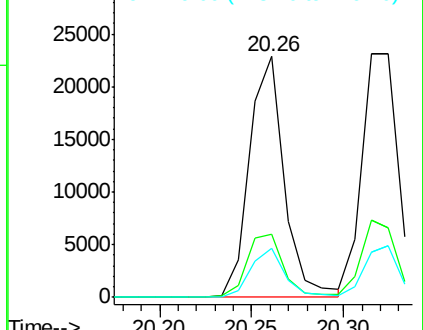
228 100

226 26.0 21.0 31.4

229 20.5 15.7 23.5



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



#32

Chrysene

Concen: 0.91 ng

RT: 20.31 min Scan# 2570

Delta R.T. -0.04 min

Lab File: BE091035.D

Acq: 23 Oct 2015 15:55

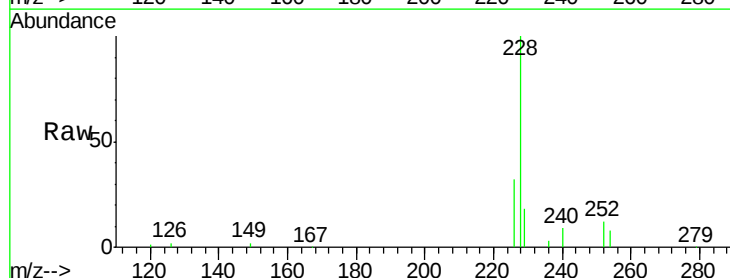
Tgt Ion:228 Resp: 32407

Ion Ratio Lower Upper

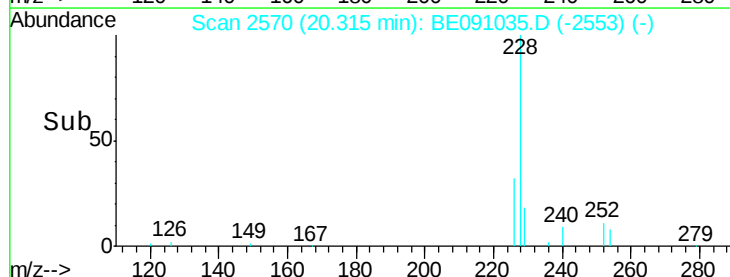
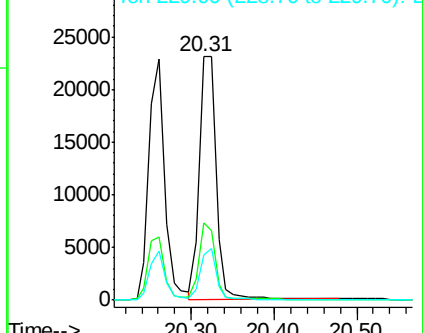
228 100

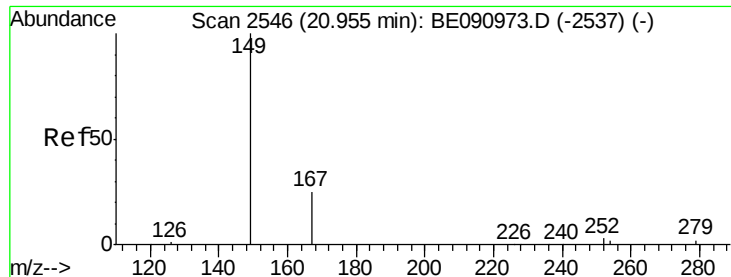
226 31.9 24.0 36.0

229 18.5 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





#33

Bis(2-ethylhexyl)phthalate

Concen: 1.09 ng

RT: 19.97 min Scan# 2532

Delta R.T. -0.04 min

Lab File: BE091035.D

Acq: 23 Oct 2015 15:55

Instrument :

BNA_E

ClientSampleId :

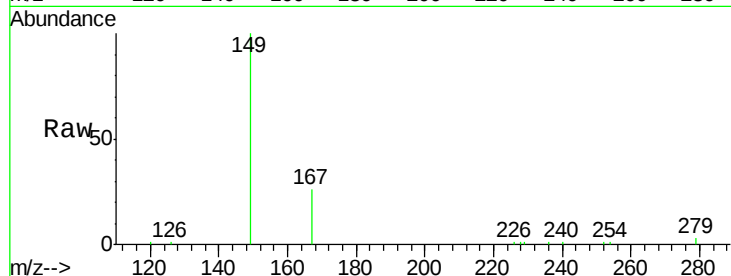
Tot Ion:149 Resp: 10735

Ion Ratio Lower Upper

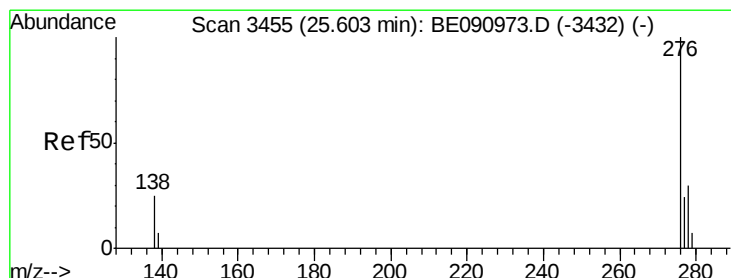
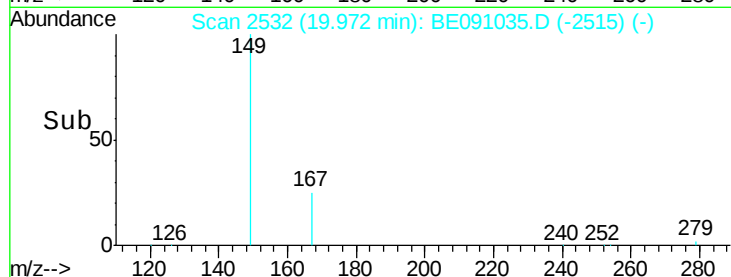
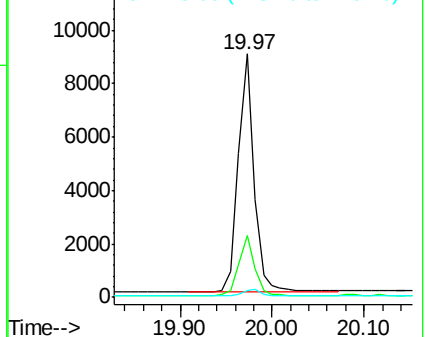
149 100

167 24.5 19.5 29.3

279 2.8 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



#34

Indeno(1,2,3-cd)pyrene

Concen: 1.05 ng

RT: 23.83 min Scan# 3260

Delta R.T. -0.09 min

Lab File: BE091035.D

Acq: 23 Oct 2015 15:55

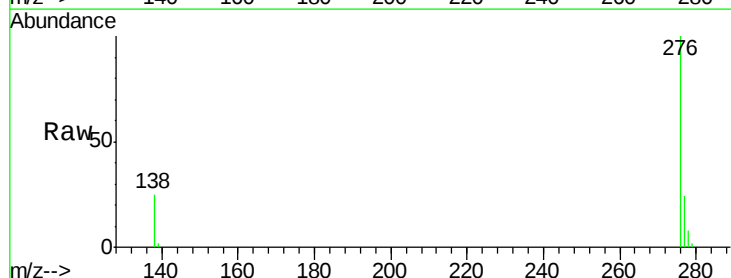
Tgt Ion:276 Resp: 32156

Ion Ratio Lower Upper

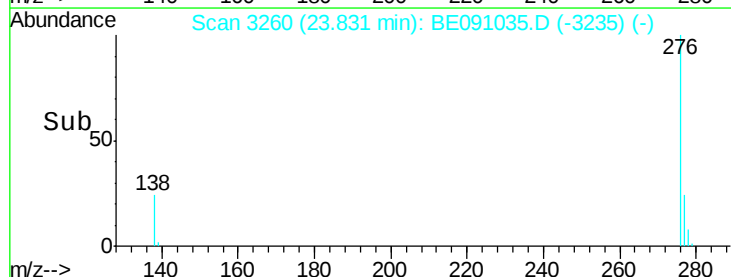
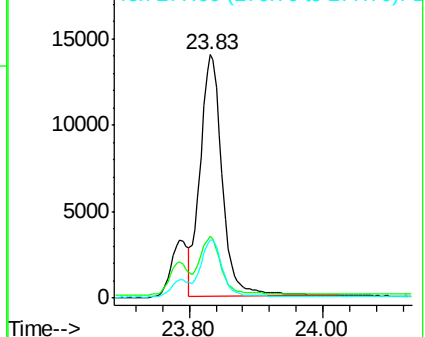
276 100

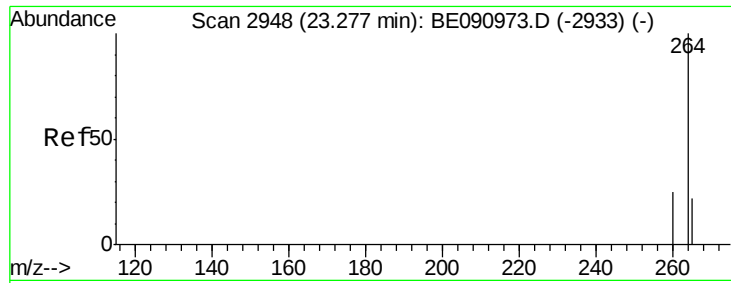
138 22.9 23.4 35.2#

277 23.0 19.8 29.8



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

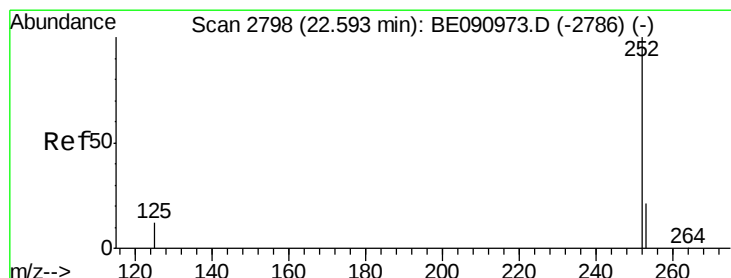
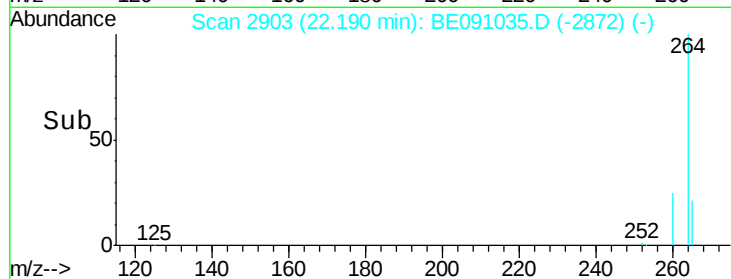
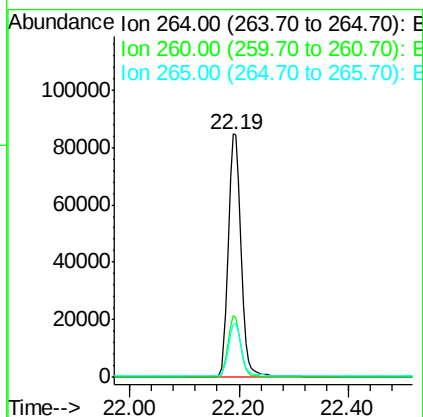
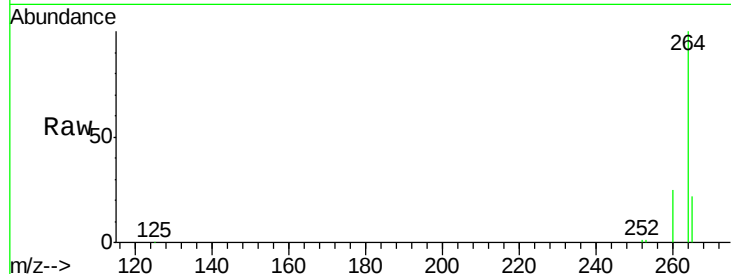




#35
Pervlene-d12
Concen: 5.00 ng
RT: 22.19 min Scan# 2903
Delta R.T. -0.06 min
Lab File: BE091035.D
Acq: 23 Oct 2015 15:55

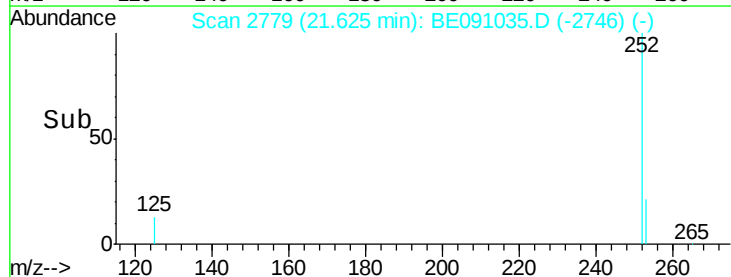
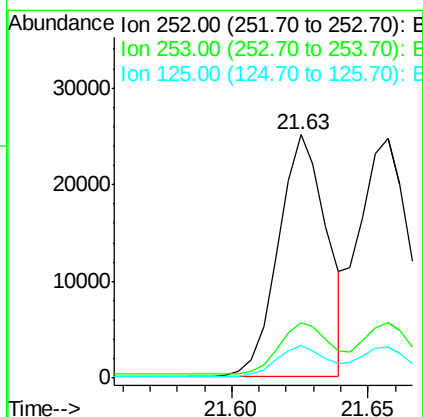
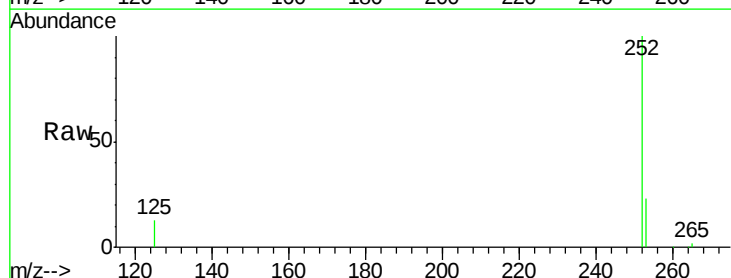
Instrument :
BNA_E
ClientSampleId :

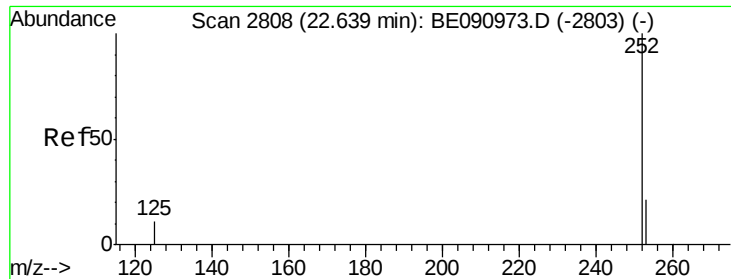
Tot Ion:264 Resp: 135702
Ion Ratio Lower Upper
264 100
260 25.4 20.0 30.0
265 21.9 17.5 26.3



#36
Benzo(b)fluoranthene
Concen: 1.03 ng
RT: 21.63 min Scan# 2779
Delta R.T. -0.05 min
Lab File: BE091035.D
Acq: 23 Oct 2015 15:55

Tgt Ion:252 Resp: 30822
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.0
125 13.1 10.2 15.2

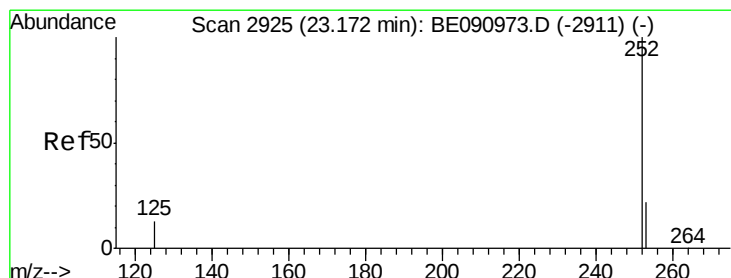
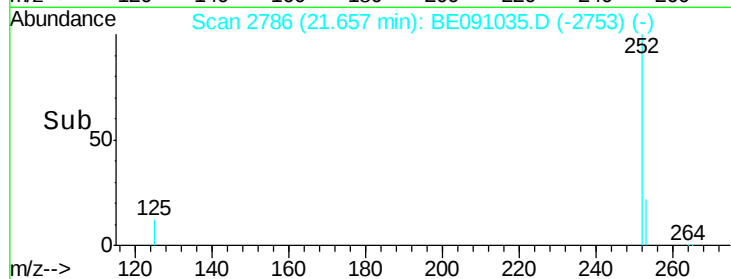
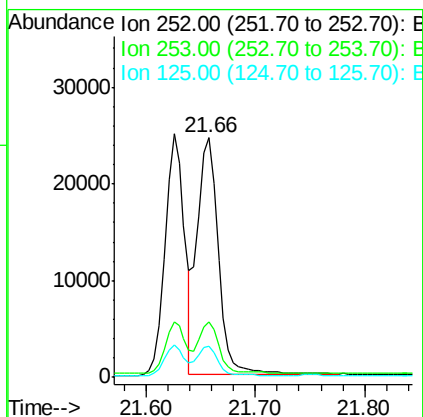
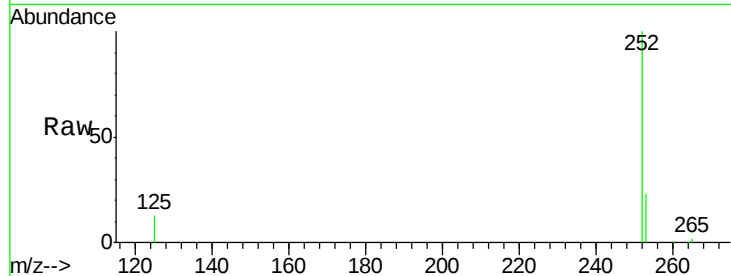




#37
Benzo(k)fluoranthene
Concen: 0.84 ng
RT: 21.66 min Scan# 2786
Delta R.T. -0.05 min
Lab File: BE091035.D
Acq: 23 Oct 2015 15:55

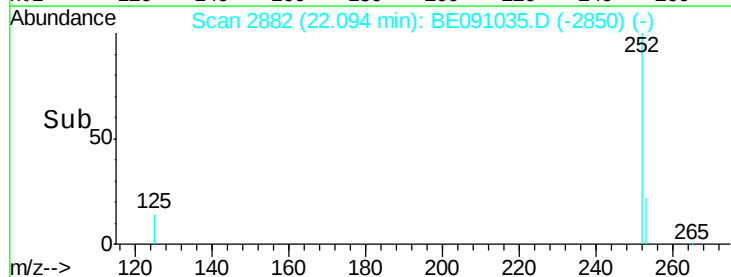
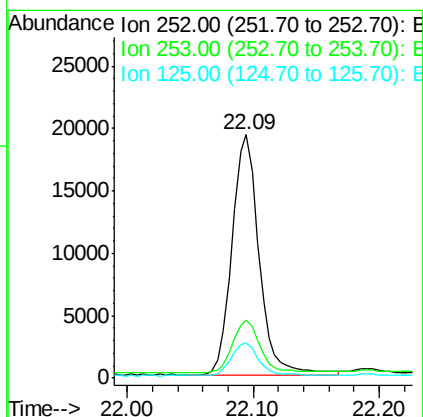
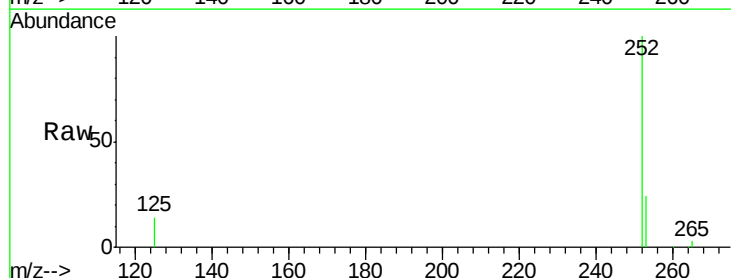
Instrument :
BNA_E
ClientSampleId :

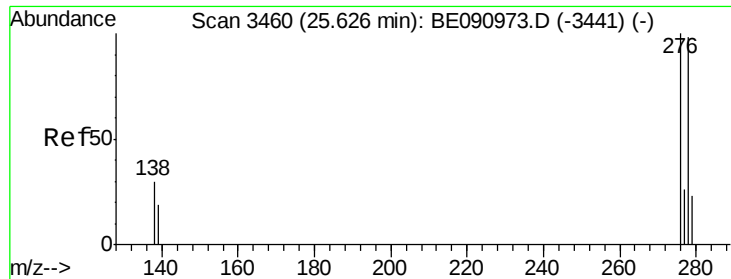
Tot Ion:252 Resp: 32966
Ion Ratio Lower Upper
252 100
253 23.1 17.6 26.4
125 12.8 9.9 14.9



#38
Benzo(a)pyrene
Concen: 1.04 ng
RT: 22.09 min Scan# 2882
Delta R.T. -0.05 min
Lab File: BE091035.D
Acq: 23 Oct 2015 15:55

Tgt Ion:252 Resp: 28826
Ion Ratio Lower Upper
252 100
253 23.9 18.1 27.1
125 14.5 11.0 16.4

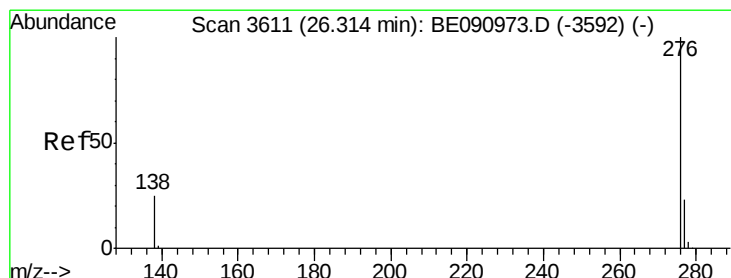
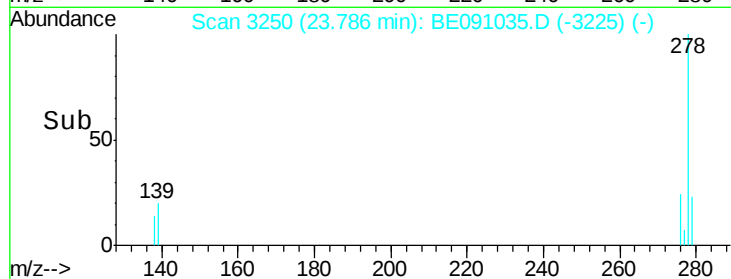
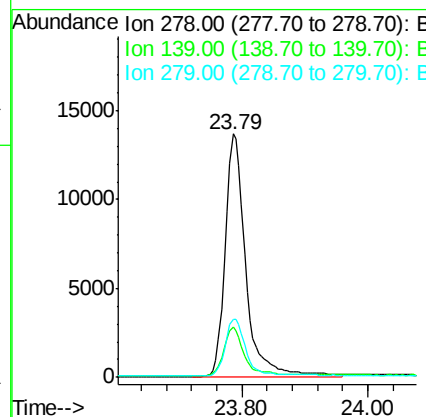
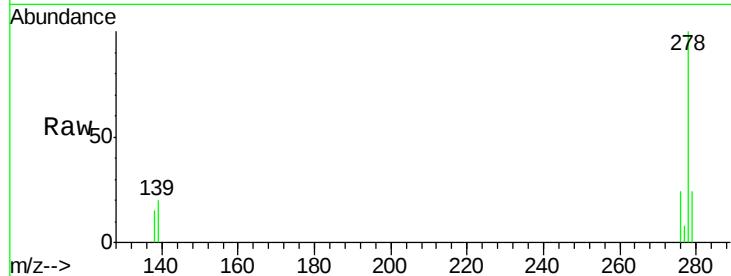




#39
Dibenzo(a,h)anthracene
Concen: 1.13 ng
RT: 23.79 min Scan# 3250
Delta R.T. -0.09 min
Lab File: BE091035.D
Acq: 23 Oct 2015 15:55

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 30880
Ion Ratio Lower Upper
278 100
139 20.4 16.0 24.0
279 23.9 19.4 29.2



#40
Benzo(g,h,i)perylene
Concen: 1.12 ng
RT: 24.40 min Scan# 3384
Delta R.T. -0.09 min
Lab File: BE091035.D
Acq: 23 Oct 2015 15:55

Tgt Ion:276 Resp: 33411
Ion Ratio Lower Upper
276 100
277 23.7 18.6 28.0
138 27.1 20.4 30.6

