

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102315\
 Data File : BE091039.D
 Acq On : 23 Oct 2015 18:33
 Operator : UM/NP
 Sample : G4140-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 23 23:46:05 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	24969	5.00	ng	-0.05
7) Naphthalene-d8	9.58	136	136049	5.00	ng	-0.06
13) Acenaphthene-d10	13.41	164	76889	5.00	ng	-0.05
19) Phenanthrene-d10	16.13	188	170331	5.00	ng	-0.05
26) Chrysene-d12	20.30	240	183607	5.00	ng	-0.03
35) Perylene-d12	22.20	264	175834	5.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	4.93	112	23754	4.72	ng	-0.07
5) Phenol-d6	6.55	99	25403	3.97	ng	-0.08
8) Nitrobenzene-d5	8.16	82	60264	6.65	ng	-0.07
14) 2,4,6-Tribromophenol	14.93	330	26805	10.02	ng	-0.05
15) 2-Fluorobiphenyl	12.04	172	92575	4.44	ng	-0.06
29) Terphenyl-d14	18.69	244	123282	5.44	ng	-0.05

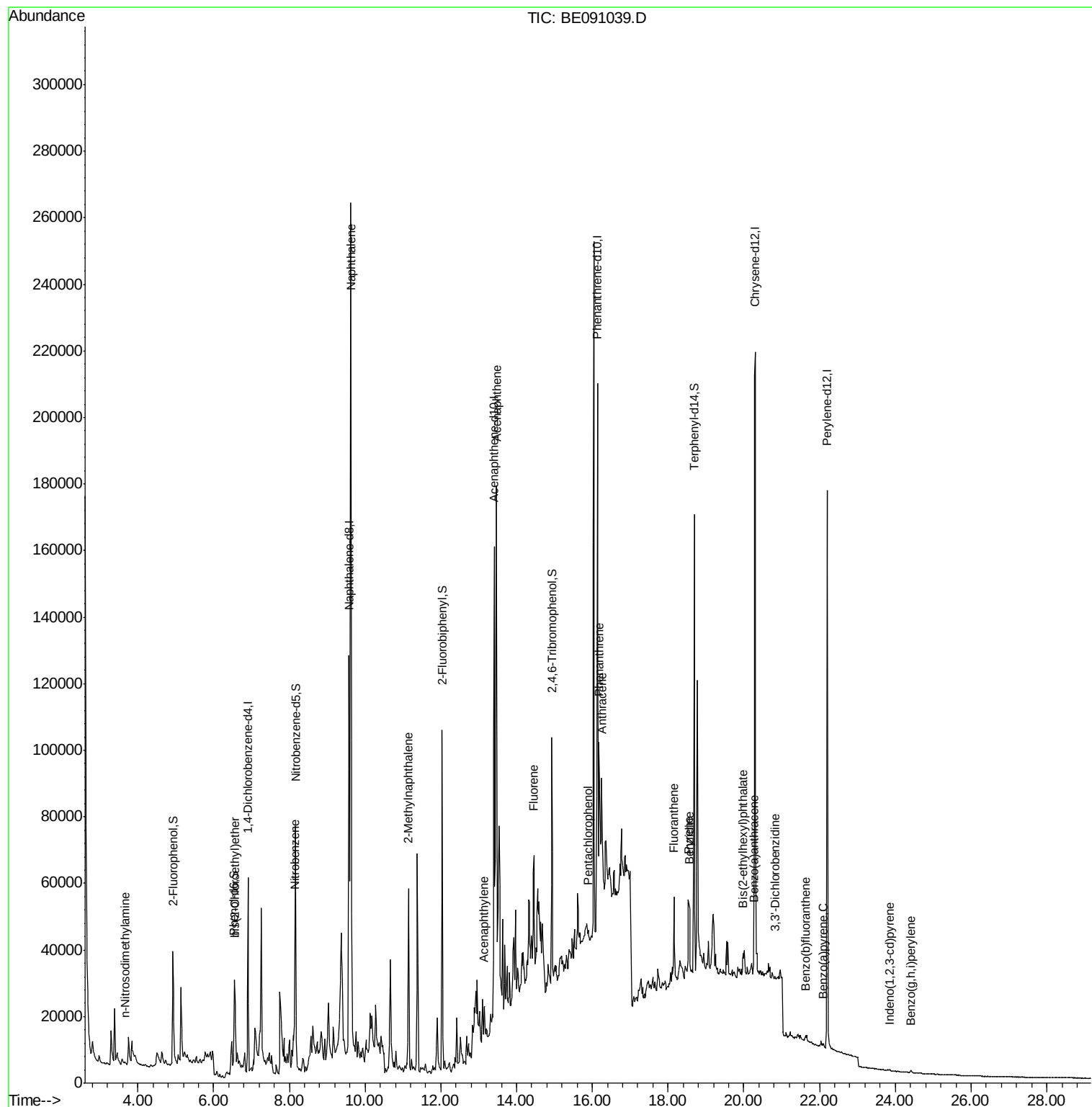
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.10	88	577	Below Cal	#	63
3) n-Nitrosodimethylamine	3.65	42	1585	0.36 ng	#	2
6) bis(2-Chloroethyl)ether	6.56	93	6529	1.00 ng	#	1
9) Nitrobenzene	8.14	77	13299	1.51 ng	#	36
10) Naphthalene	9.62	128	316464	12.25 ng		99
11) Hexachlorobutadiene	9.92	225	9	Below Cal		91
12) 2-Methylnaphthalene	11.15	142	38810	2.25 ng	#	94
16) Acenaphthylene	13.15	152	14157	0.11 ng	#	88
17) Acenaphthene	13.47	154	29267	1.43 ng		86
18) Fluorene	14.46	166	20930	0.83 ng	#	93
21) Hexachlorobenzene	15.40	284	4	Below Cal	#	1
22) Pentachlorophenol	15.89	266	1596	0.86 ng		95
23) Phenanthrene	16.17	178	41306	1.01 ng	#	90
24) Anthracene	16.25	178	36910	1.01 ng	#	53
25) Fluoranthene	18.16	202	20195	0.42 ng	#	93
27) Benzdine	18.57	184	6726	2.07 ng	#	1
28) Pyrene	18.54	202	19209	0.44 ng	#	73
30) Benzo(a)anthracene	20.26	228	4062	0.10 ng	#	10
31) 3,3'-Dichlorobenzidine	20.82	252	1028	0.20 ng	#	4
32) Chrysene	20.32	228	4228	Below Cal	#	11
33) Bis(2-ethylhexyl)phthalate	19.97	149	4676	0.40 ng	#	1
34) Indeno(1,2,3-cd)pyrene	23.85	276	708	0.13 ng	#	66
36) Benzo(b)fluoranthene	21.63	252	1613	0.04 ng	#	1
37) Benzo(k)fluoranthene	21.66	252	1359	Below Cal	#	1
38) Benzo(a)pyrene	22.10	252	1366	0.04 ng	#	1
40) Benzo(g,h,i)perylene	24.41	276	931	0.02 ng	#	1

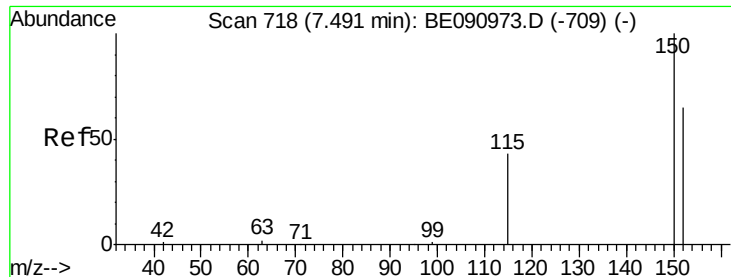
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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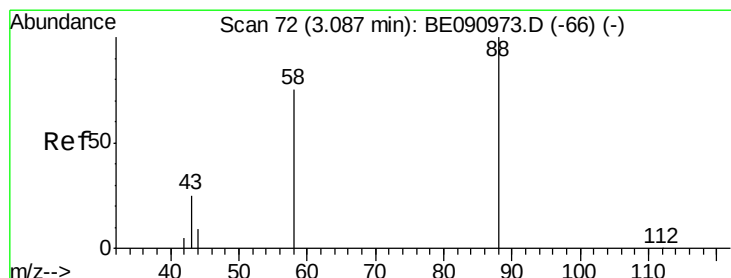
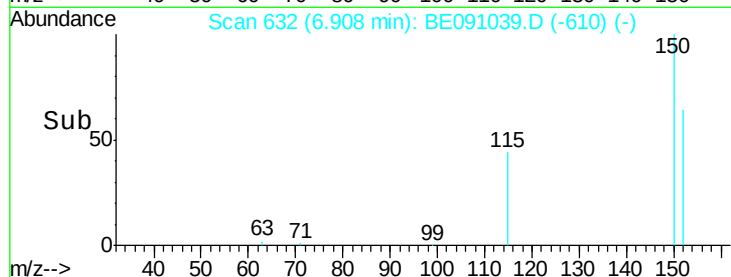
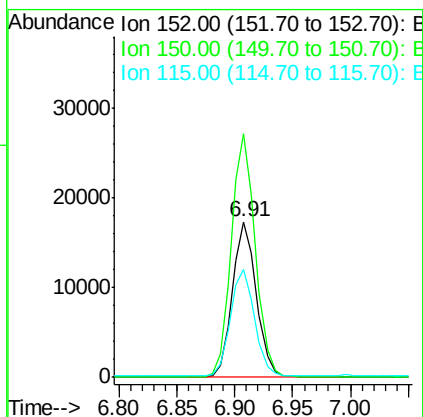
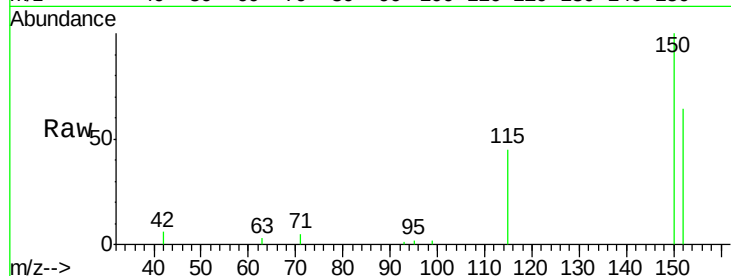


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 6.91 min Scan# 632
Delta R.T. -0.05 min
Lab File: BE091039.D
Acq: 23 Oct 2015 18:33

Instrument :
BNA_E
ClientSampleId :

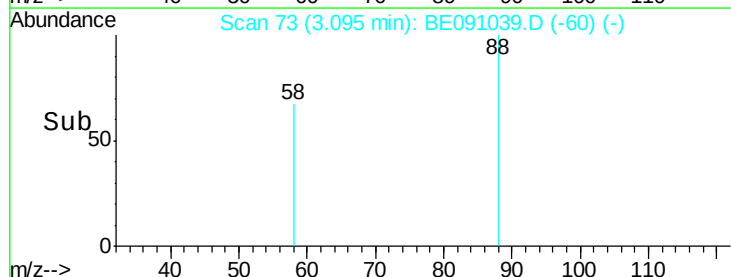
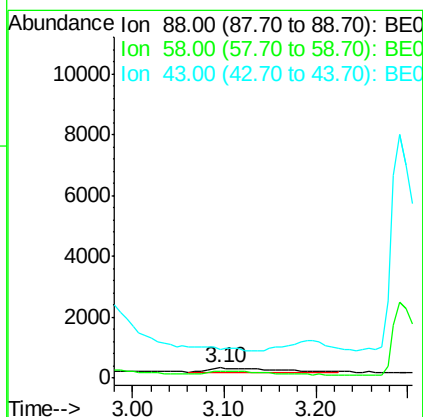
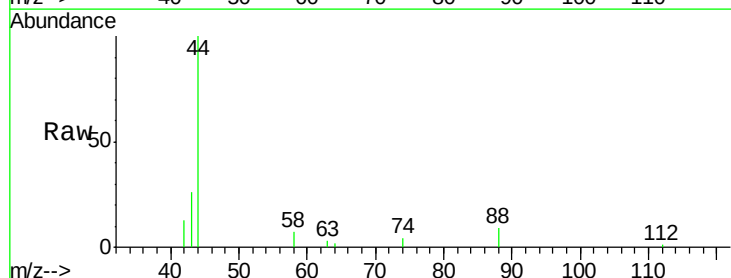
Tot Ion:152 Resp: 24969
Ion Ratio Lower Upper
152 100
150 156.6 122.6 183.8
115 69.7 52.8 79.2

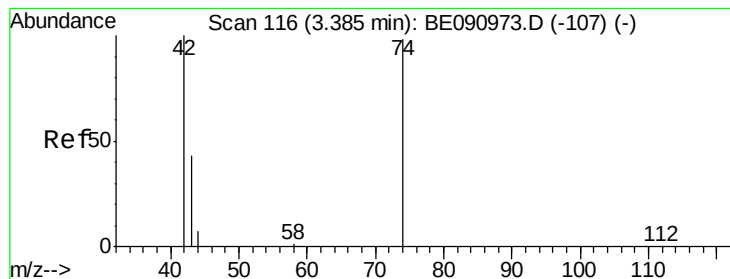


#2

1,4-Dioxane
Concen: Below Cal
RT: 3.10 min Scan# 73
Delta R.T. -0.11 min
Lab File: BE091039.D
Acq: 23 Oct 2015 18:33

Tgt Ion: 88 Resp: 577
Ion Ratio Lower Upper
88 100
58 108.3 65.8 98.6#
43 0.0 25.3 37.9#





#3

n-Nitrosodimethylamine

Concen: 0.36 ng

RT: 3.65 min Scan# 155

Delta R.T. -0.08 min

Lab File: BE091039.D

Acq: 23 Oct 2015 18:33

Instrument :

BNA_E

ClientSampleId :

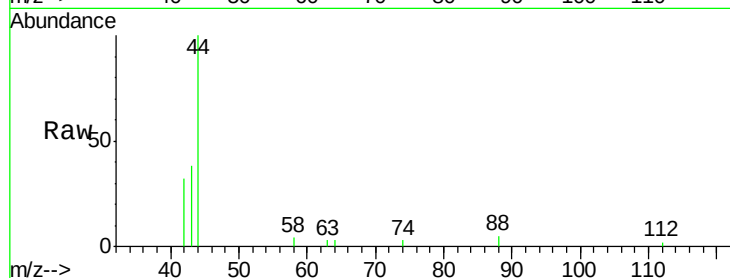
Tot Ion: 42 Resp: 1585

Ion Ratio Lower Upper

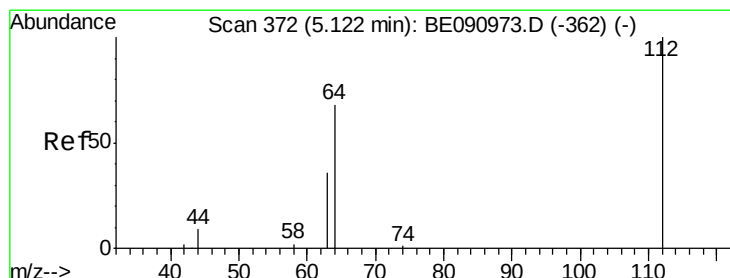
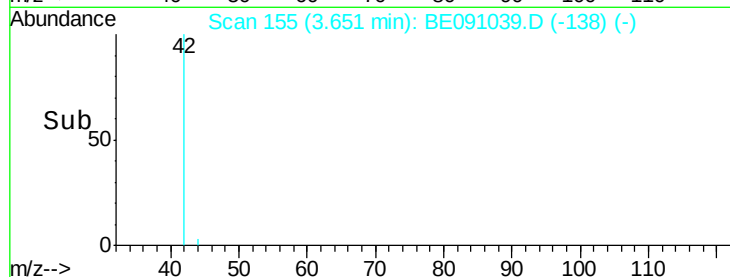
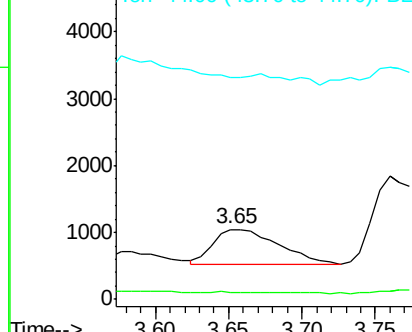
42 100

74 0.0 87.9 131.9#

44 0.0 6.6 9.8#



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: 4.72 ng

RT: 4.93 min Scan# 344

Delta R.T. -0.07 min

Lab File: BE091039.D

Acq: 23 Oct 2015 18:33

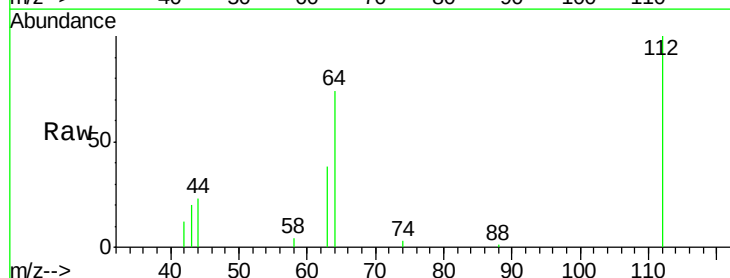
Tgt Ion: 112 Resp: 23754

Ion Ratio Lower Upper

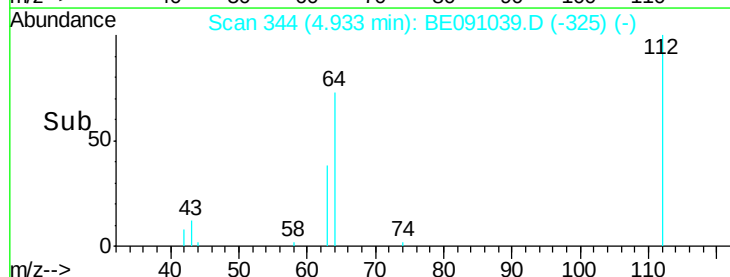
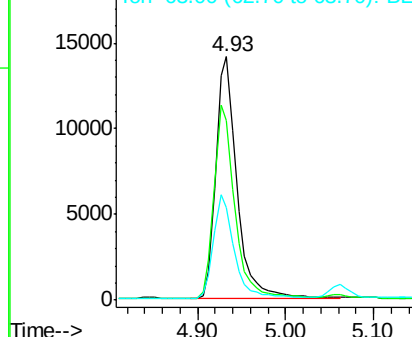
112 100

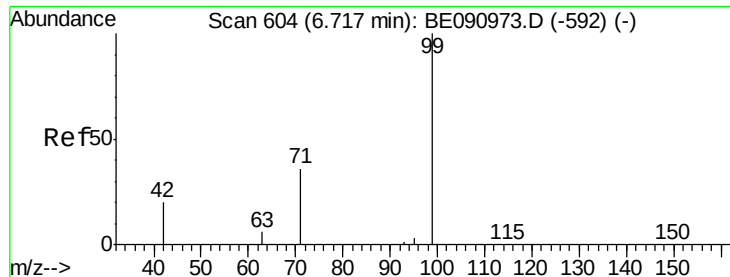
64 78.7 30.9 46.3#

63 41.8 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: 3.97 ng

RT: 6.55 min Scan# 579

Delta R.T. -0.08 min

Lab File: BE091039.D

Acq: 23 Oct 2015 18:33

Instrument :

BNA_E

ClientSampleId :

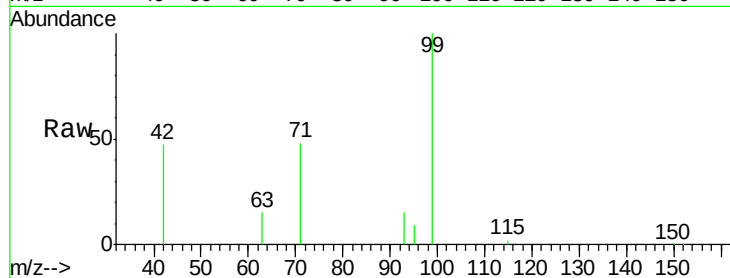
Tot Ion: 99 Resp: 25403

Ion Ratio Lower Upper

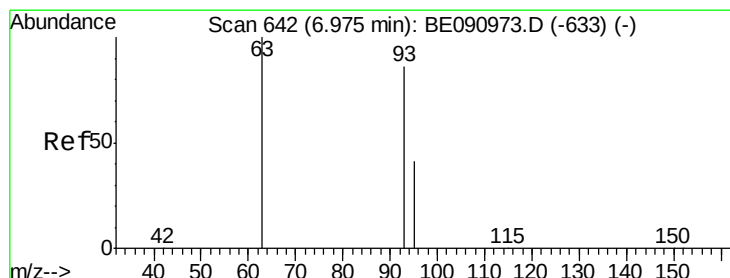
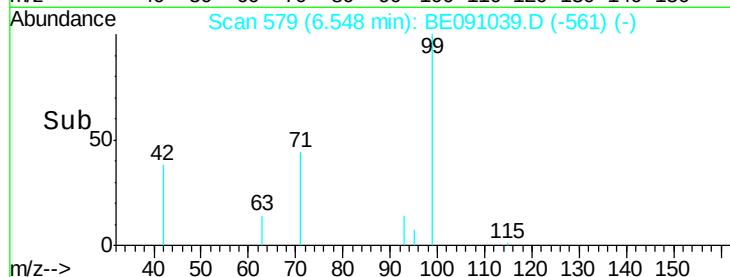
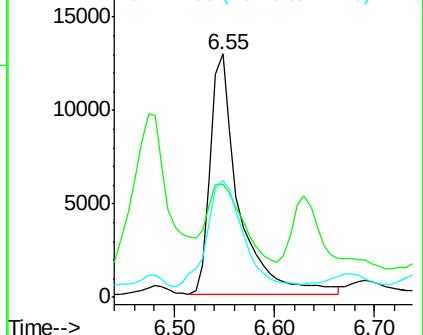
99 100

42 50.2 16.2 24.2#

71 54.6 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: 1.00 ng

RT: 6.56 min Scan# 581

Delta R.T. -0.10 min

Lab File: BE091039.D

Acq: 23 Oct 2015 18:33

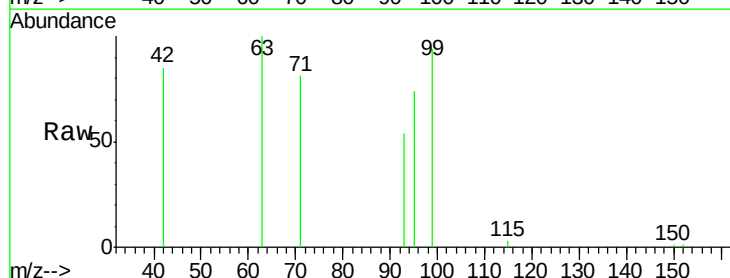
Tgt Ion: 93 Resp: 6529

Ion Ratio Lower Upper

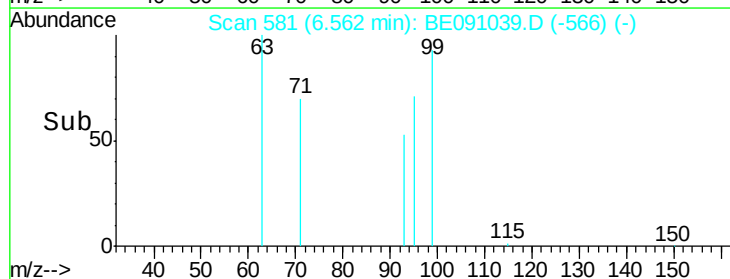
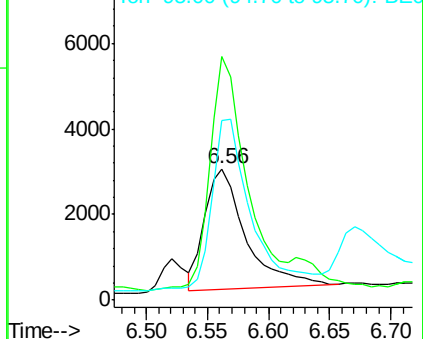
93 100

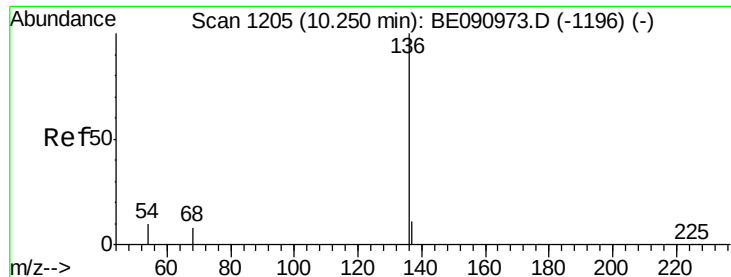
63 175.8 49.5 74.3#

95 141.2 22.2 33.4#



Abundance Ion 93.00 (92.70 to 93.70): BE0
Ion 63.00 (62.70 to 63.70): BE0
Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 9.58 min Scan# 1153

Delta R.T. -0.06 min

Lab File: BE091039.D

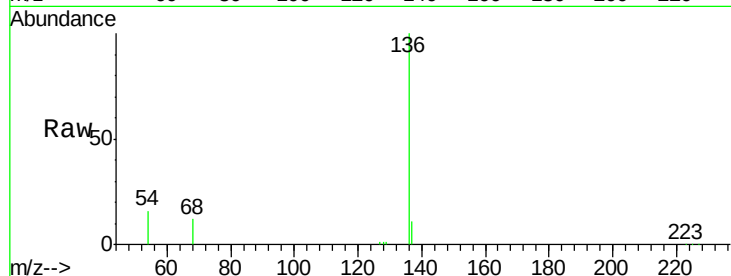
Acq: 23 Oct 2015 18:33

Instrument :

BNA_E

ClientSampled :

Tot Ion:136	Resp:	136049
Ion Ratio	Lower	Upper
136	100	
137	11.4	8.9 13.3
54	16.3	8.2 12.4#
68	11.5	6.2 9.4#

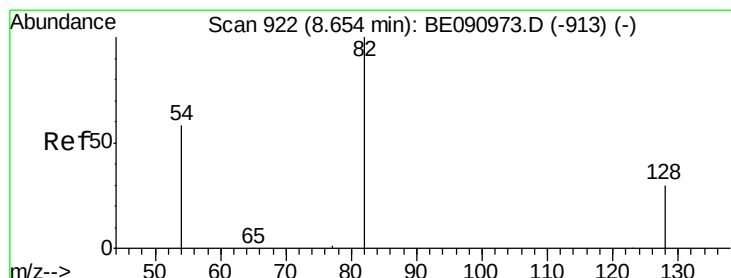
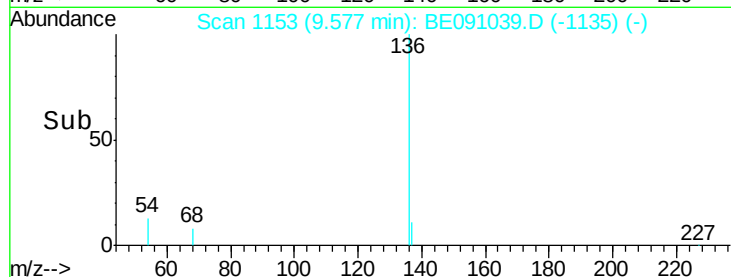
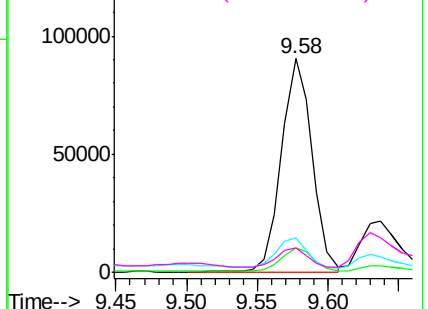


Abundance Ion 136.00 (135.70 to 136.70): E

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: 6.65 ng

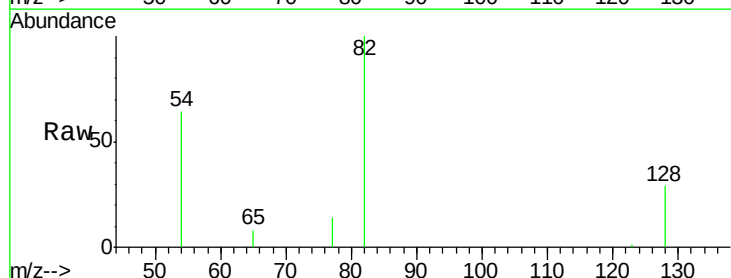
RT: 8.16 min Scan# 861

Delta R.T. -0.07 min

Lab File: BE091039.D

Acq: 23 Oct 2015 18:33

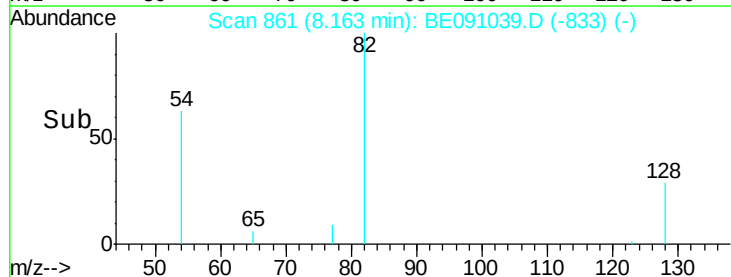
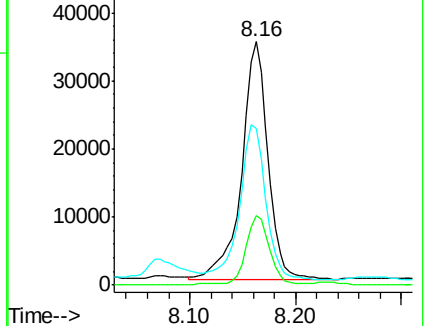
Tgt Ion: 82	Resp:	60264
Ion Ratio	Lower	Upper
82	100	
128	28.6	25.4 38.0
54	64.4	48.4 72.6

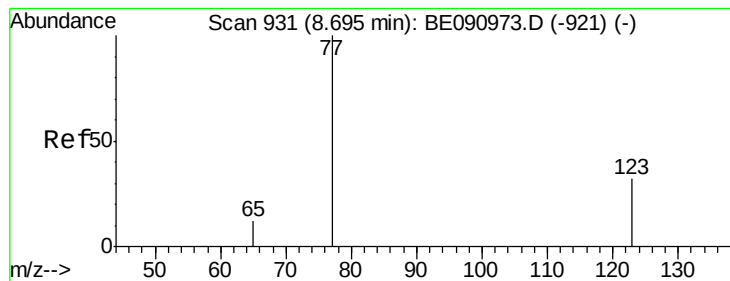


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Nitrobenzene

Concen: 1.51 ng

RT: 8.14 min Scan# 856

Delta R.T. -0.13 min

Lab File: BE091039.D

Acq: 23 Oct 2015 18:33

Instrument :

BNA_E

ClientSampleId :

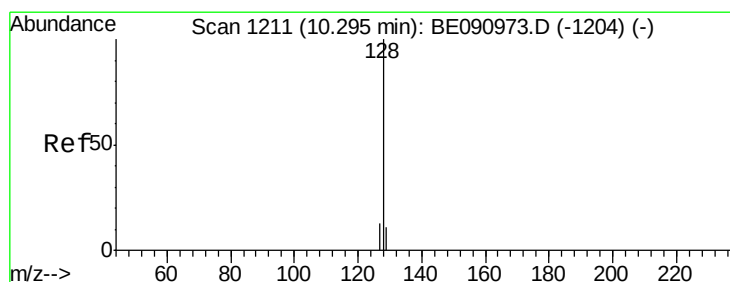
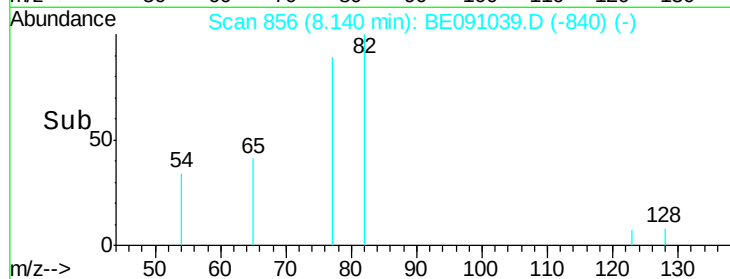
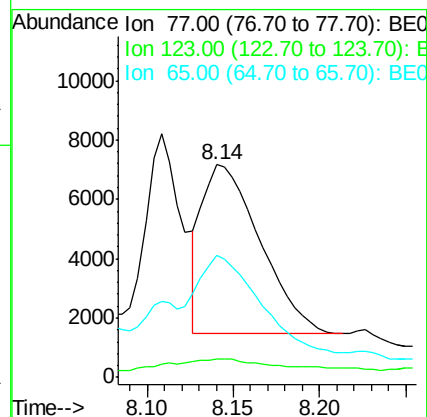
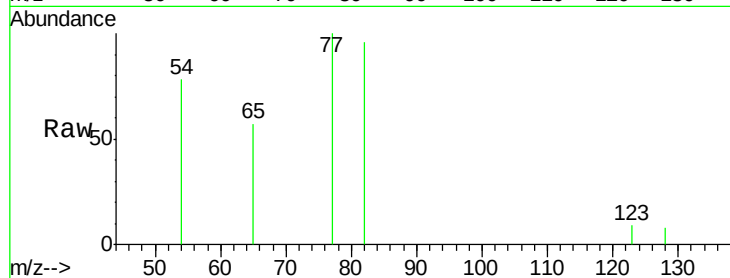
Tot Ion: 77 Resp: 13299

Ion Ratio Lower Upper

77 100

123 12.5 26.9 40.3#

65 65.8 9.4 14.2#



#10

Naphthalene

Concen: 12.25 ng

RT: 9.62 min Scan# 1159

Delta R.T. -0.06 min

Lab File: BE091039.D

Acq: 23 Oct 2015 18:33

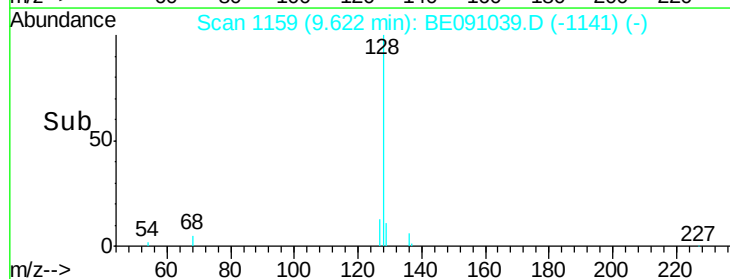
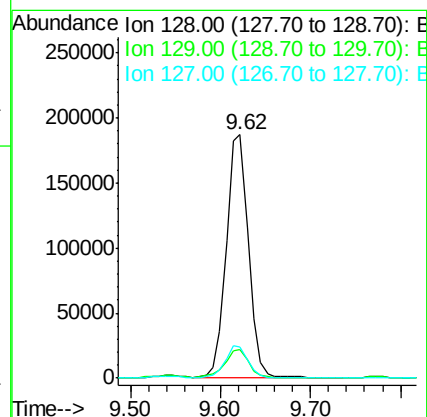
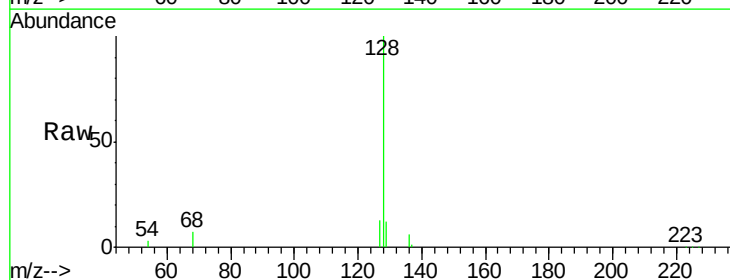
Tgt Ion: 128 Resp: 316464

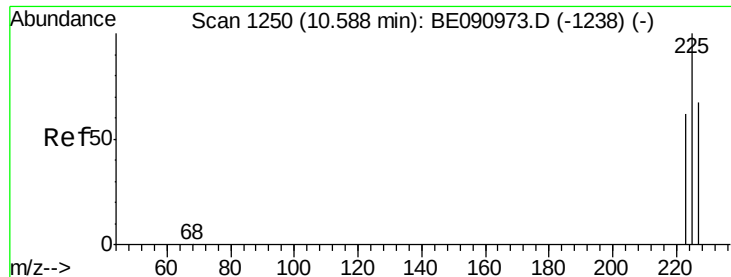
Ion Ratio Lower Upper

128 100

129 11.6 9.3 13.9

127 13.0 10.7 16.1





#11

Hexachlorobutadiene

Concen: Below Cal

RT: 9.92 min Scan# 1198

Delta R.T. 0.01 min

Lab File: BE091039.D

Acq: 23 Oct 2015 18:33

Instrument :

BNA_E

ClientSampleId :

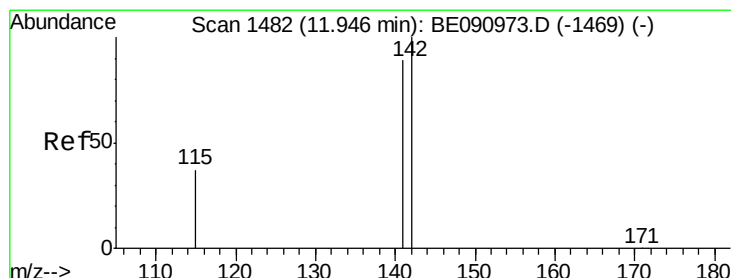
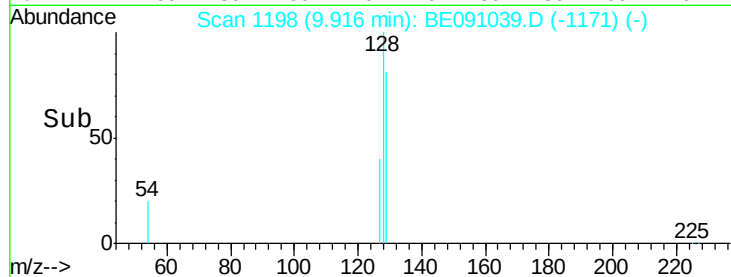
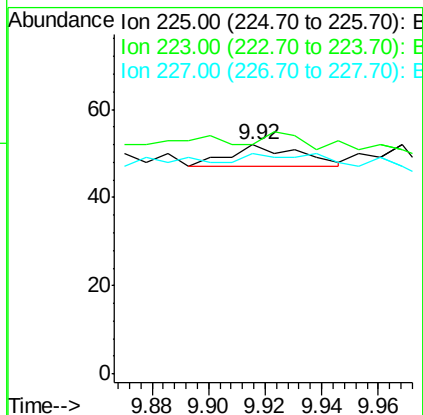
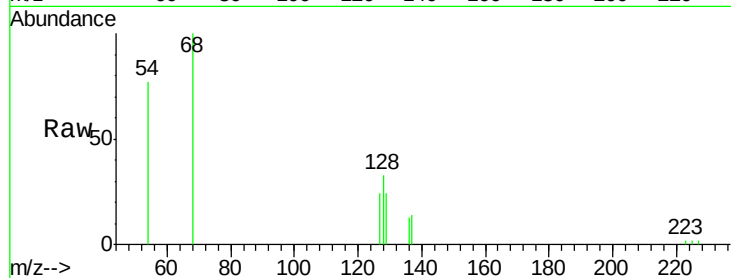
Tot Ion:225 Resp: 9

Ion Ratio Lower Upper

225 100

223 55.6 49.0 73.6

227 55.6 50.3 75.5



#12

2-Methylnaphthalene

Concen: 2.25 ng

RT: 11.15 min Scan# 1414

Delta R.T. -0.06 min

Lab File: BE091039.D

Acq: 23 Oct 2015 18:33

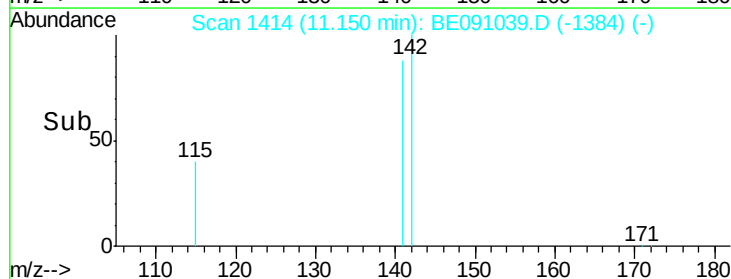
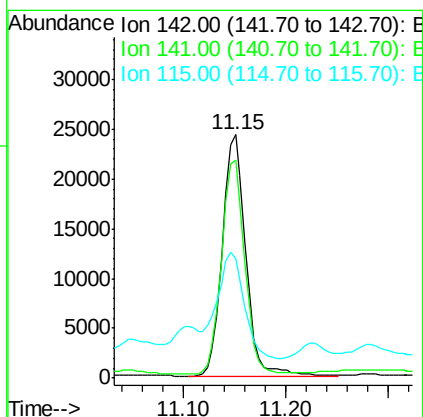
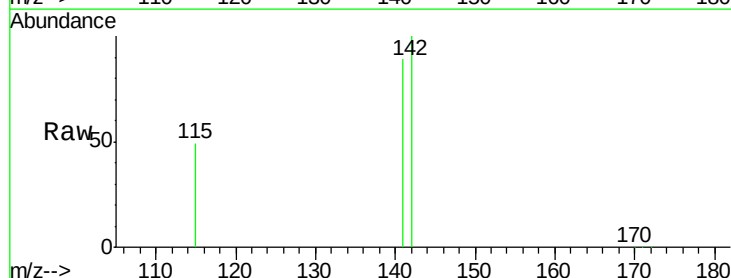
Tgt Ion:142 Resp: 38810

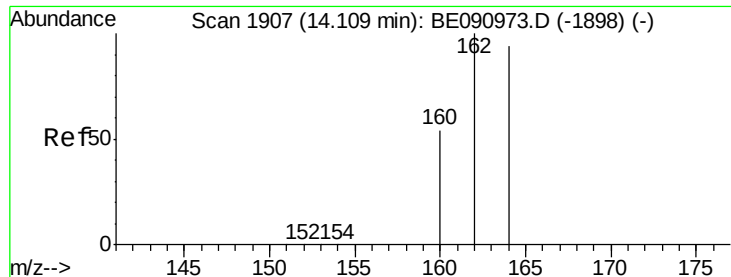
Ion Ratio Lower Upper

142 100

141 89.4 71.4 107.0

115 48.8 30.3 45.5#





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 13.41 min Scan# 1843

Delta R.T. -0.05 min

Lab File: BE091039.D

Acq: 23 Oct 2015 18:33

Instrument :

BNA_E

ClientSampleId :

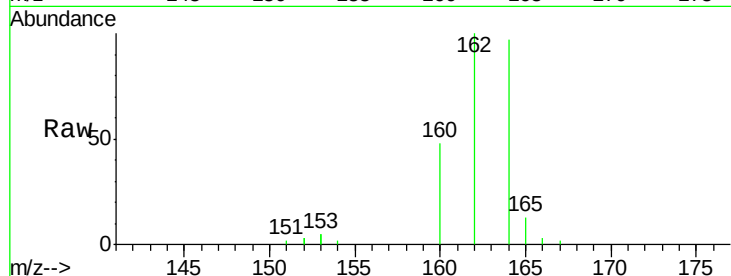
Tot Ion:164 Resp: 76889

Ion Ratio Lower Upper

164 100

162 103.6 85.3 127.9

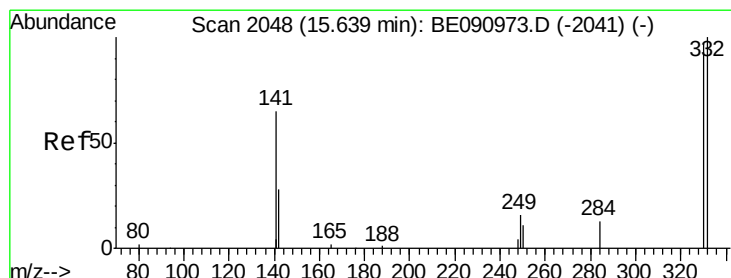
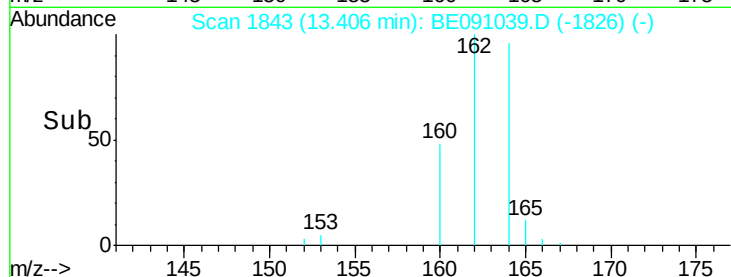
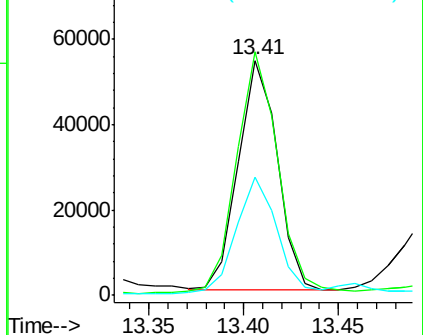
160 50.2 46.2 69.2



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: 10.02 ng

RT: 14.93 min Scan# 2006

Delta R.T. -0.05 min

Lab File: BE091039.D

Acq: 23 Oct 2015 18:33

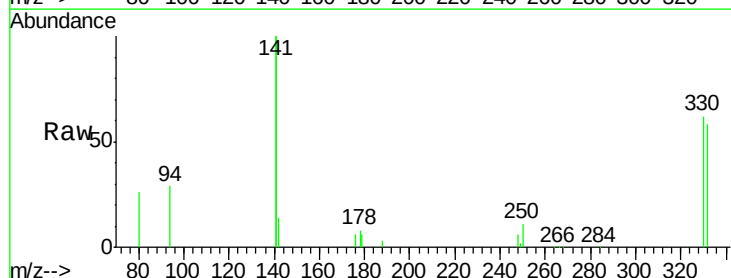
Tgt Ion:330 Resp: 26805

Ion Ratio Lower Upper

330 100

332 97.3 79.1 118.7

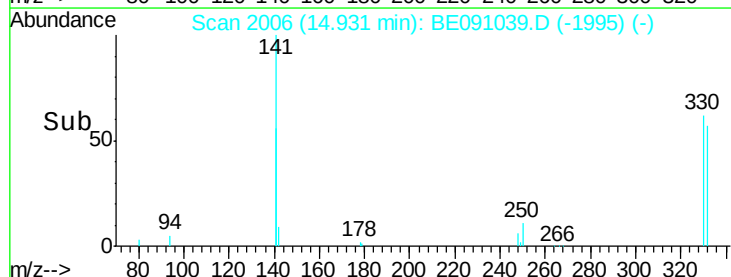
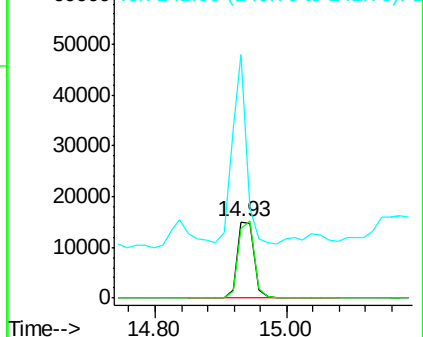
141 215.7 125.4 188.0#

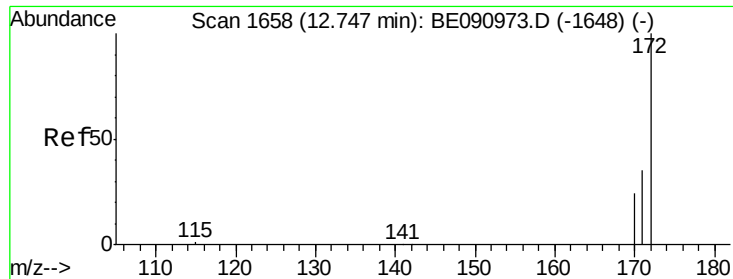


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

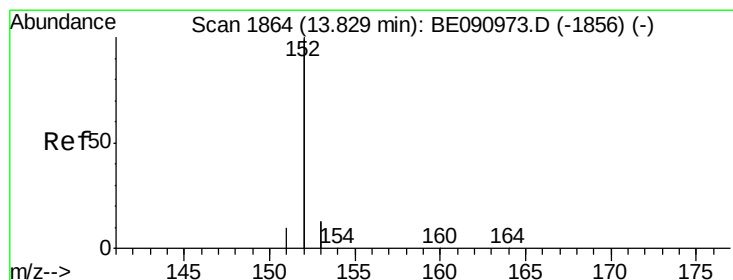
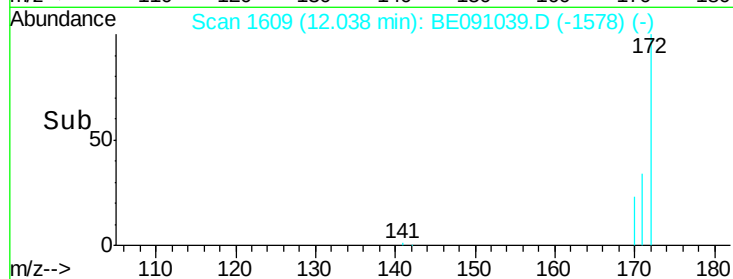
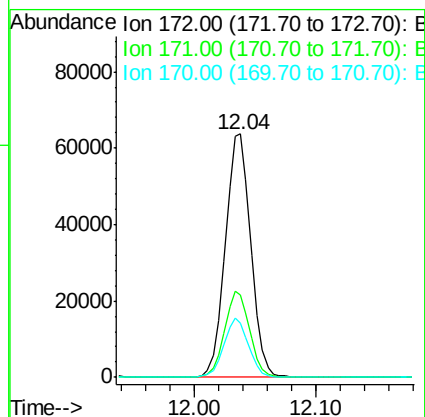
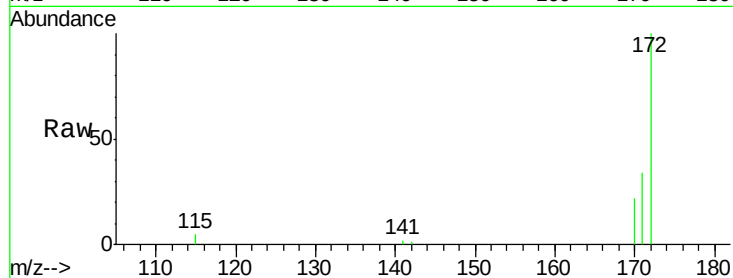




#15
2-Fluorobiphenyl
Concen: 4.44 ng
RT: 12.04 min Scan# 1609
Delta R.T. -0.06 min
Lab File: BE091039.D
Acq: 23 Oct 2015 18:33

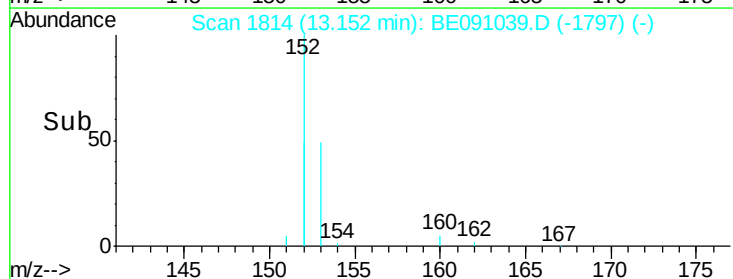
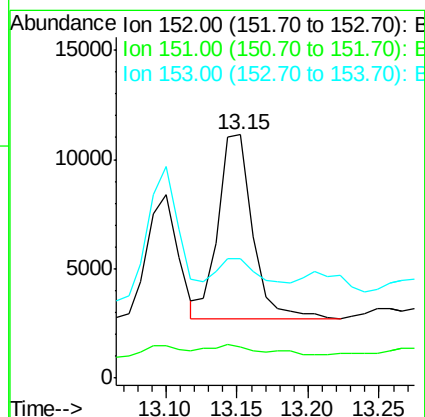
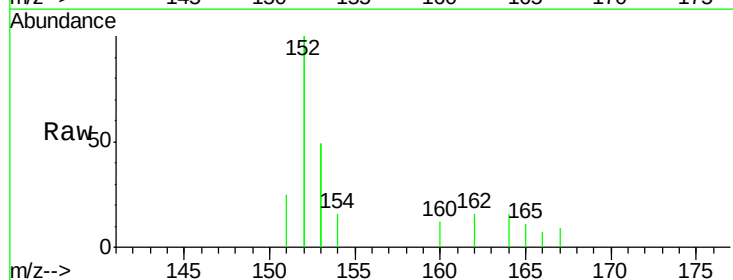
Instrument :
BNA_E
ClientSampleId :

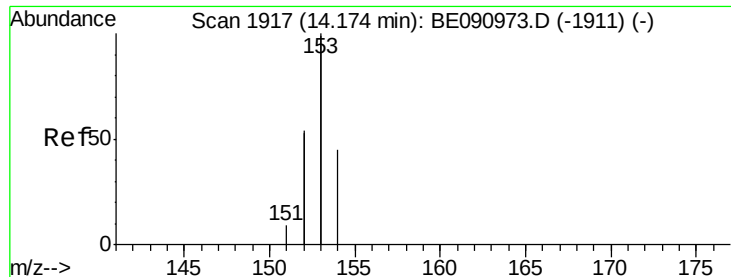
Tot Ion:172 Resp: 92575
Ion Ratio Lower Upper
172 100
171 33.8 28.8 43.2
170 22.5 19.3 28.9



#16
Acenaphthylene
Concen: 0.11 ng
RT: 13.15 min Scan# 1814
Delta R.T. -0.05 min
Lab File: BE091039.D
Acq: 23 Oct 2015 18:33

Tgt Ion:152 Resp: 14157
Ion Ratio Lower Upper
152 100
151 6.7 3.9 5.9#
153 18.6 10.3 15.5#





#17

Acenaphthene

Concen: 1.43 ng

RT: 13.47 min Scan# 1850

Delta R.T. -0.05 min

Lab File: BE091039.D

Acq: 23 Oct 2015 18:33

Instrument :

BNA_E

ClientSampleId :

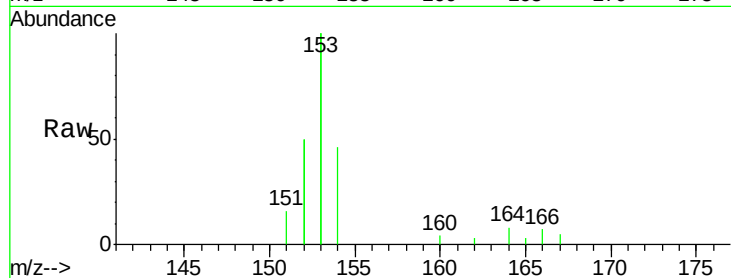
Tot Ion:154 Resp: 29267

Ion Ratio Lower Upper

154 100

153 454.2 352.0 528.0

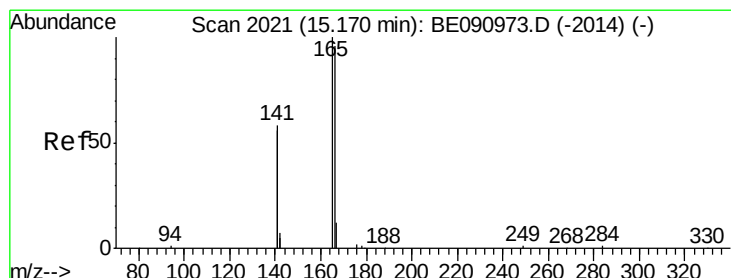
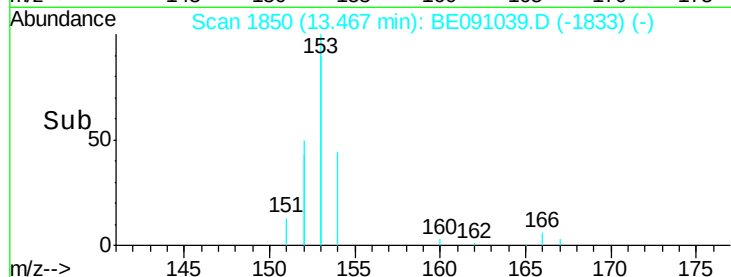
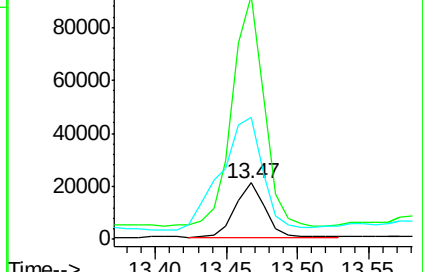
152 299.7 200.0 300.0



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: 0.83 ng

RT: 14.46 min Scan# 1963

Delta R.T. -0.05 min

Lab File: BE091039.D

Acq: 23 Oct 2015 18:33

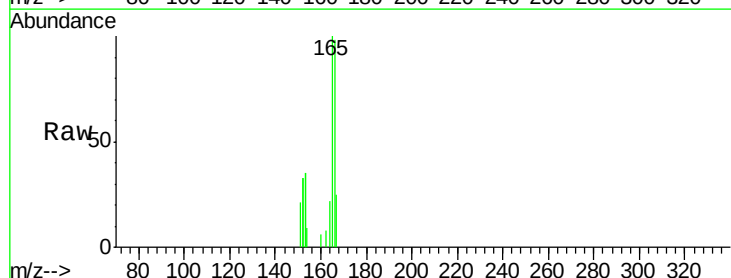
Tgt Ion:166 Resp: 20930

Ion Ratio Lower Upper

166 100

165 107.7 80.8 121.2

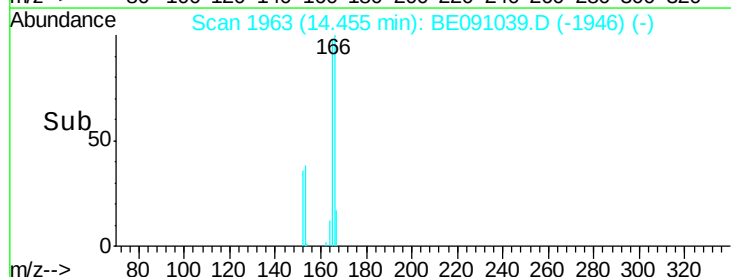
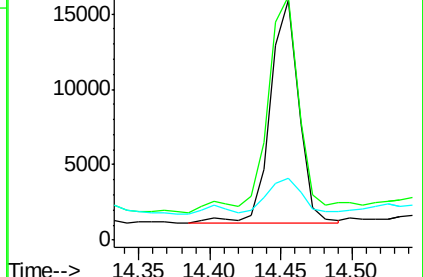
167 18.1 10.9 16.3#

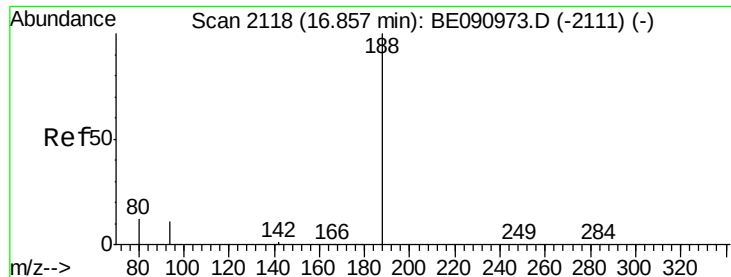


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

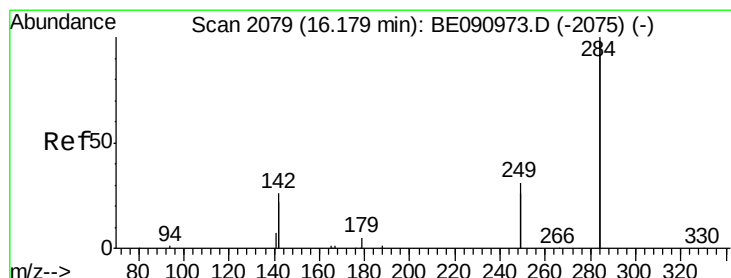
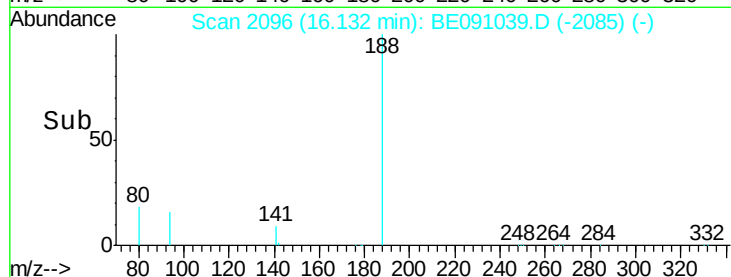
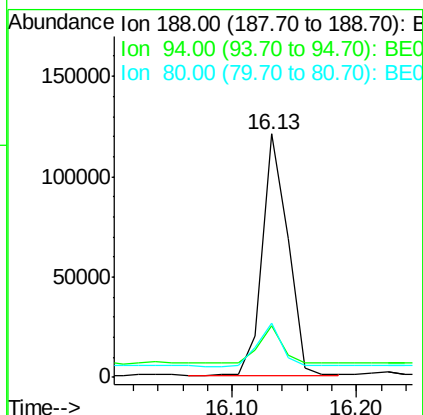
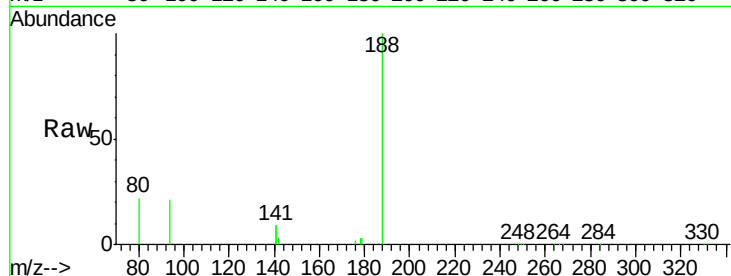




#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.13 min Scan# 2096
Delta R.T. -0.05 min
Lab File: BE091039.D
Acq: 23 Oct 2015 18:33

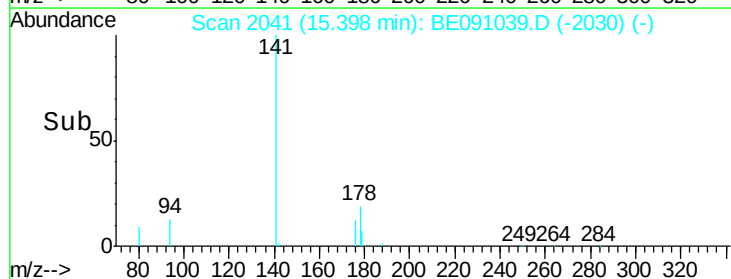
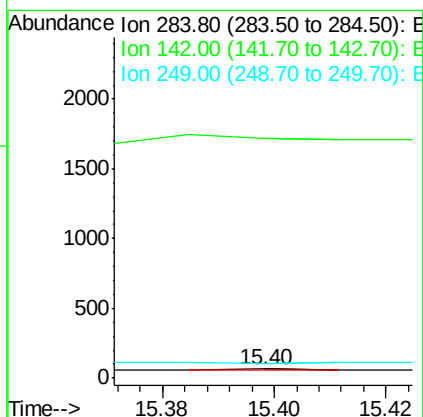
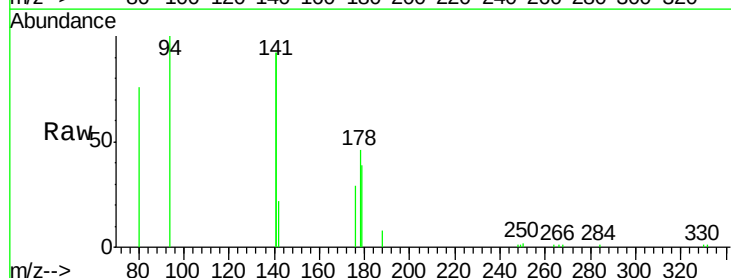
Instrument :
BNA_E
ClientSampleId :

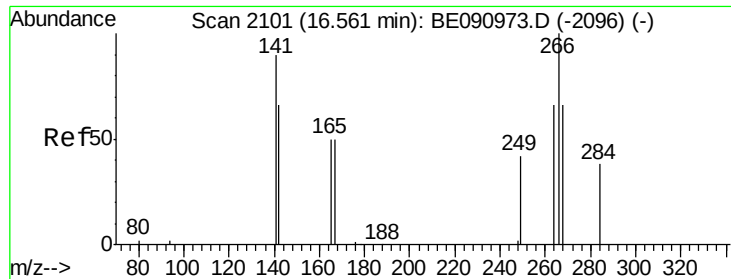
Tot Ion:188 Resp: 170331
Ion Ratio Lower Upper
188 100
94 21.2 8.7 13.1#
80 22.5 9.4 14.0#



#21
Hexachlorobenzene
Concen: Below Cal
RT: 15.40 min Scan# 2041
Delta R.T. -0.05 min
Lab File: BE091039.D
Acq: 23 Oct 2015 18:33

Tgt Ion:284 Resp: 4
Ion Ratio Lower Upper
284 100
142 2500.0 32.2 48.2#
249 0.0 25.4 38.2#





#22

Pentachlorophenol

Concen: 0.86 ng

RT: 15.89 min Scan# 2078

Delta R.T. -0.04 min

Lab File: BE091039.D

Acq: 23 Oct 2015 18:33

Instrument :

BNA_E

ClientSampleId :

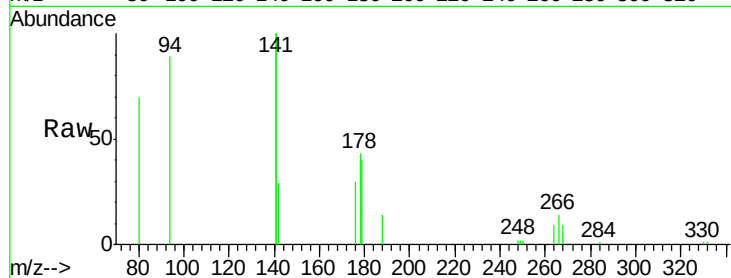
Tot Ion:266 Resp: 1596

Ion Ratio Lower Upper

266 100

268 70.1 58.2 87.2

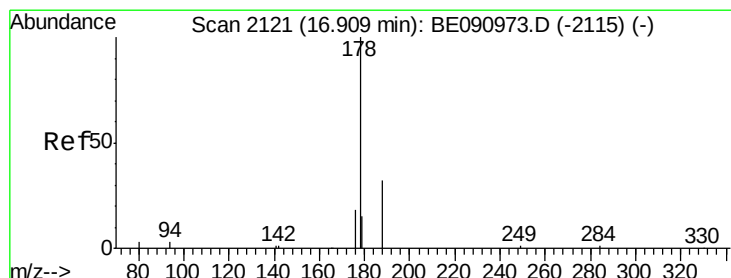
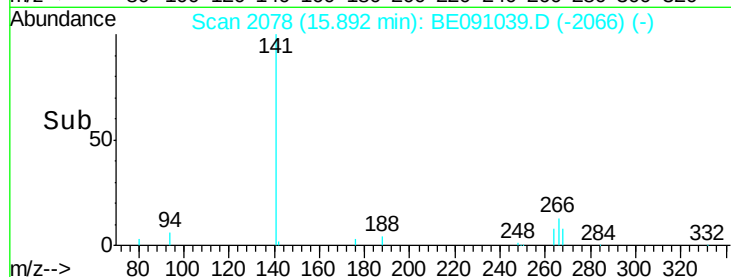
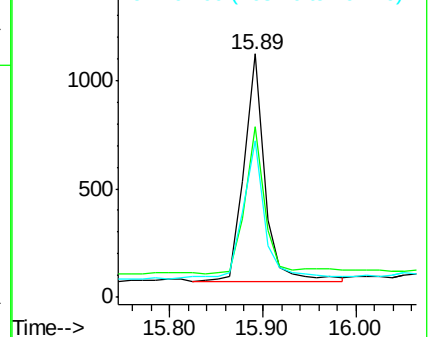
264 64.4 56.2 84.4



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: 1.01 ng

RT: 16.17 min Scan# 2099

Delta R.T. -0.05 min

Lab File: BE091039.D

Acq: 23 Oct 2015 18:33

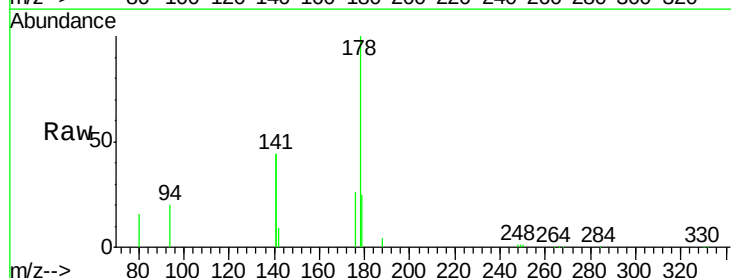
Tgt Ion:178 Resp: 41306

Ion Ratio Lower Upper

178 100

176 23.9 15.3 22.9#

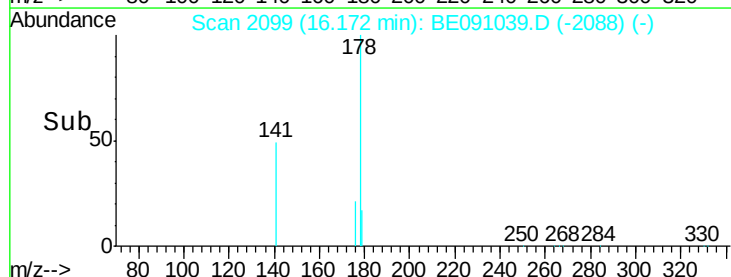
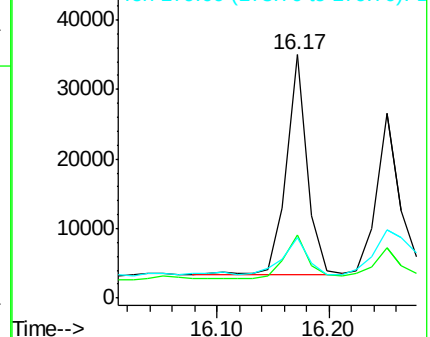
179 19.4 12.6 18.8#

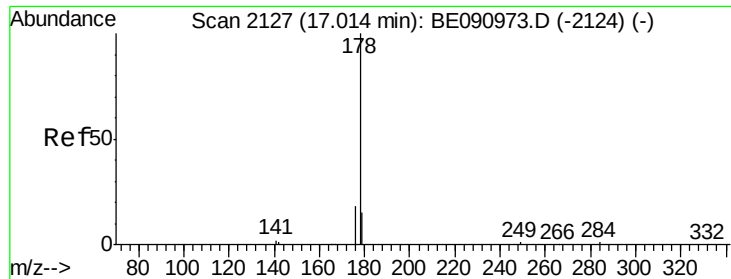


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#24

Anthracene

Concen: 1.01 ng

RT: 16.25 min Scan# 2105

Delta R.T. -0.05 min

Lab File: BE091039.D

Acq: 23 Oct 2015 18:33

Instrument :

BNA_E

ClientSampleId :

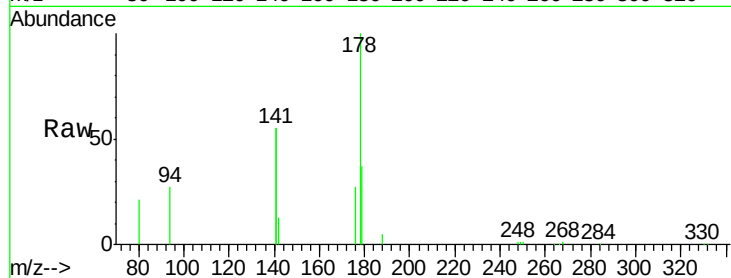
Tot Ion:178 Resp: 36910

Ion Ratio Lower Upper

178 100

176 21.2 14.6 21.8

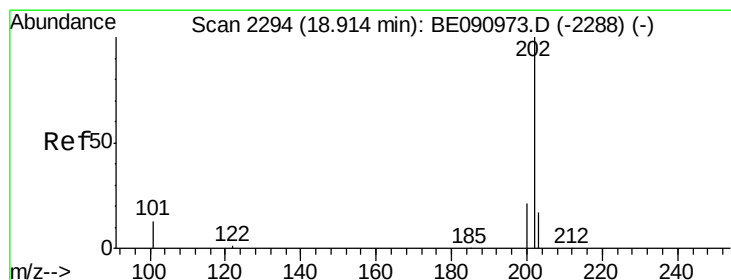
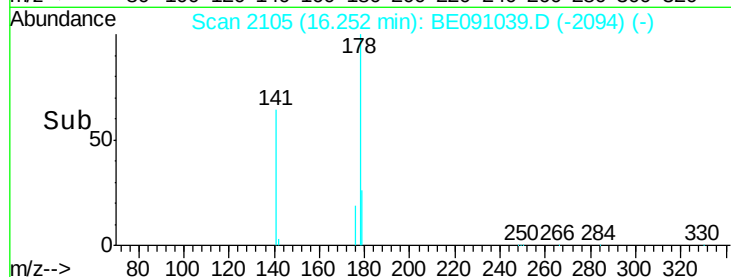
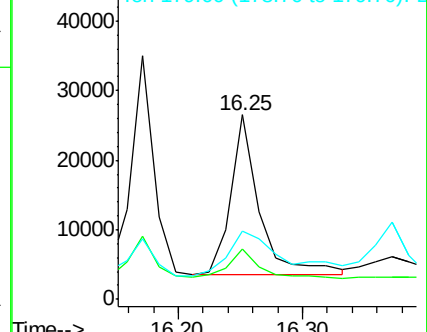
179 54.5 11.8 17.6#



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: 0.42 ng

RT: 18.16 min Scan# 2311

Delta R.T. -0.05 min

Lab File: BE091039.D

Acq: 23 Oct 2015 18:33

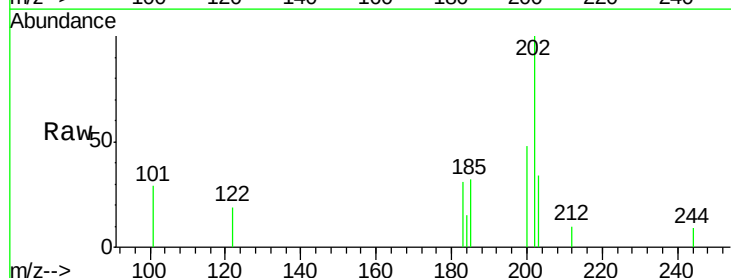
Tgt Ion:202 Resp: 20195

Ion Ratio Lower Upper

202 100

101 18.3 11.0 16.6#

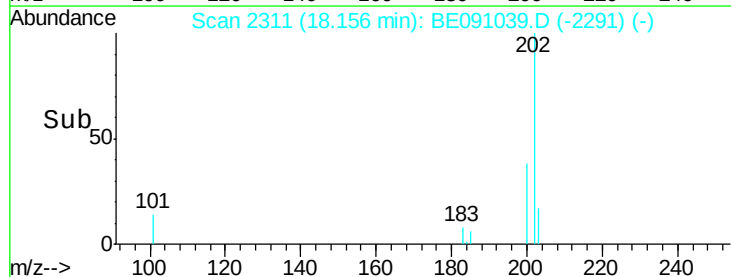
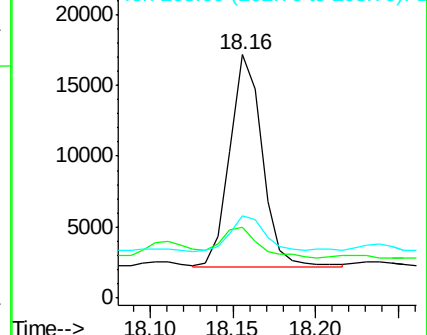
203 19.0 13.9 20.9

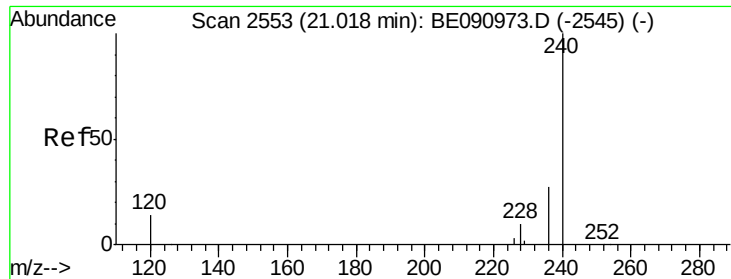


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

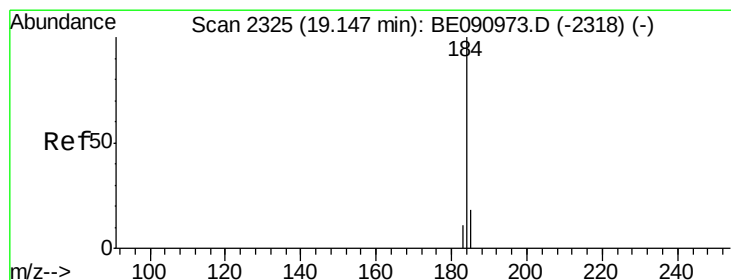
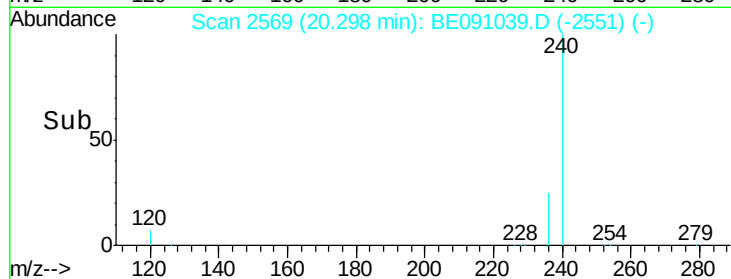
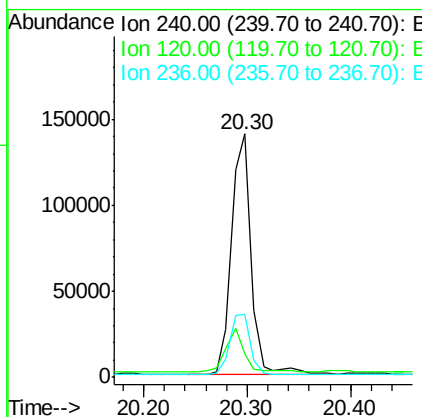
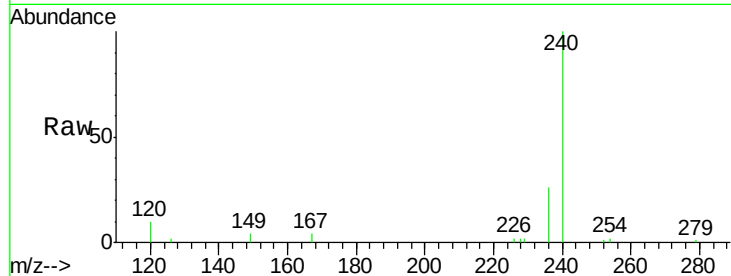




#26
Chrysene-d12
Concen: 5.00 ng
RT: 20.30 min Scan# 2569
Delta R.T. -0.03 min
Lab File: BE091039.D
Acq: 23 Oct 2015 18:33

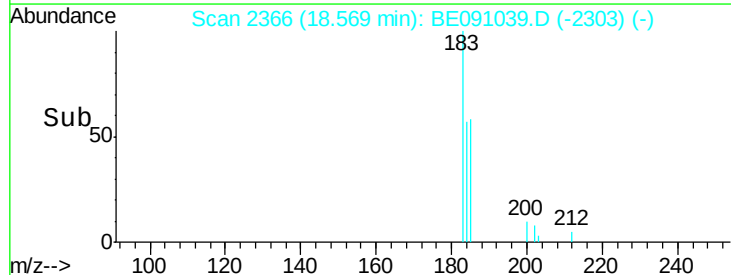
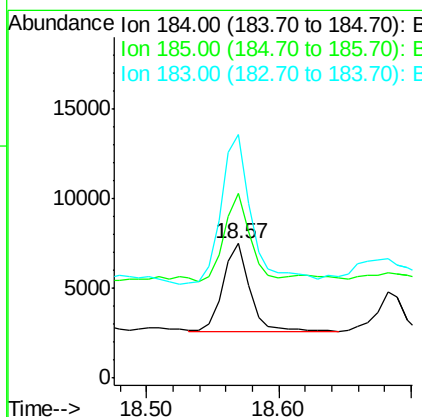
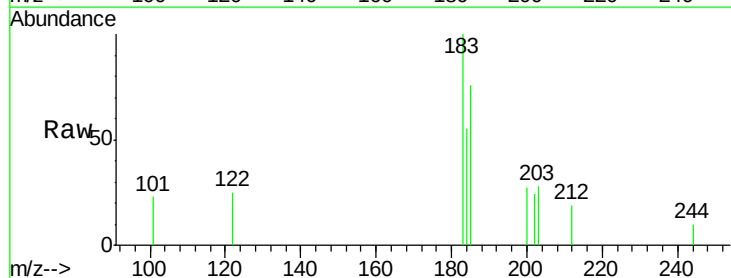
Instrument :
BNA_E
ClientSampleId :

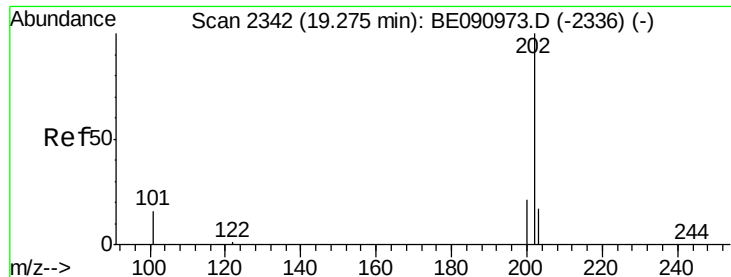
Tot Ion:240 Resp: 183607
Ion Ratio Lower Upper
240 100
120 9.8 11.0 16.4#
236 26.0 21.7 32.5



#27
Benzidine
Concen: 2.07 ng
RT: 18.57 min Scan# 2366
Delta R.T. -0.02 min
Lab File: BE091039.D
Acq: 23 Oct 2015 18:33

Tgt Ion:184 Resp: 6726
Ion Ratio Lower Upper
184 100
185 136.7 22.3 33.5#
183 180.7 16.4 24.6#

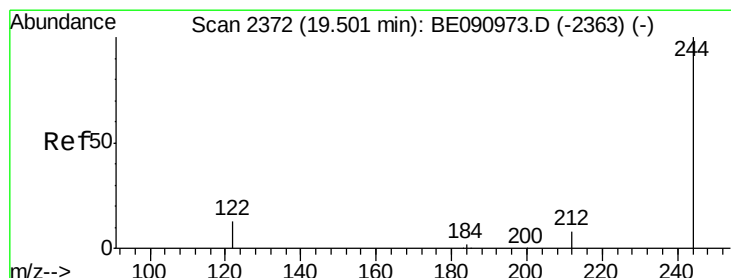
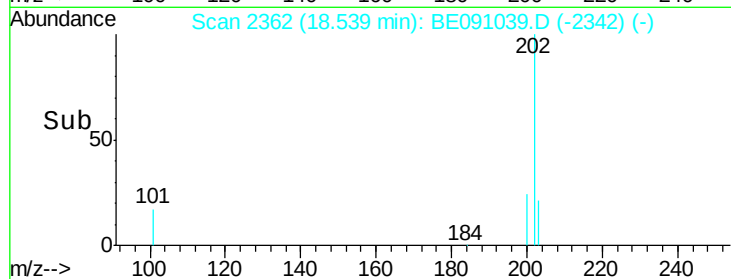
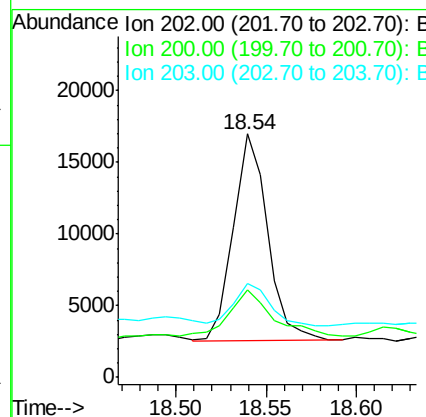
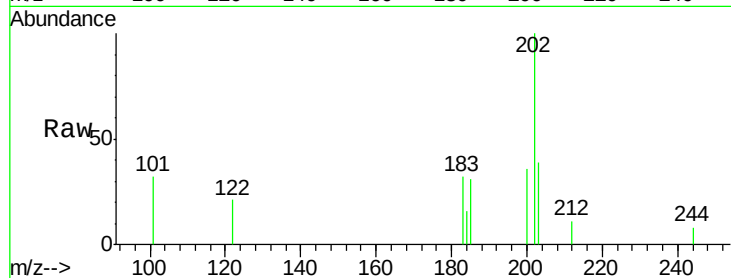




#28
Pvrene
Concen: 0.44 ng
RT: 18.54 min Scan# 2362
Delta R.T. -0.05 min
Lab File: BE091039.D
Acq: 23 Oct 2015 18:33

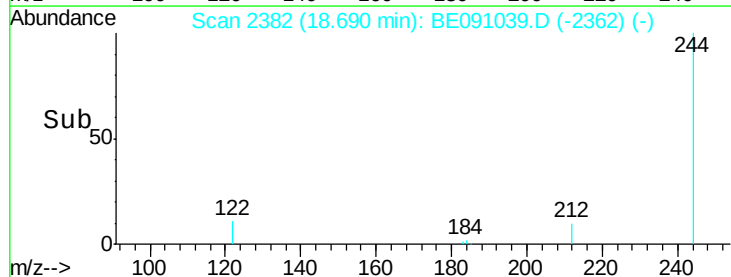
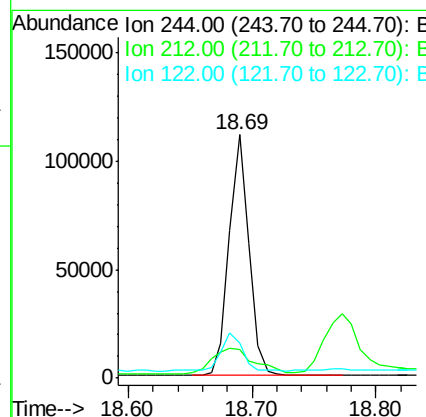
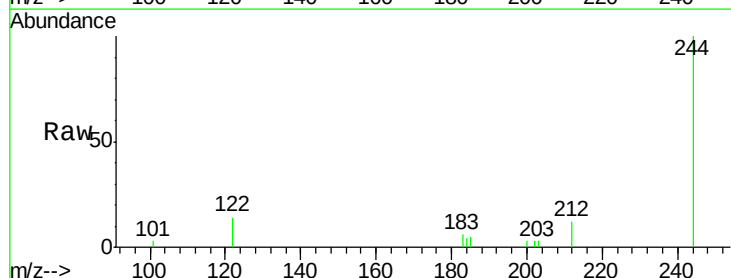
Instrument :
BNA_E
ClientSampleId :

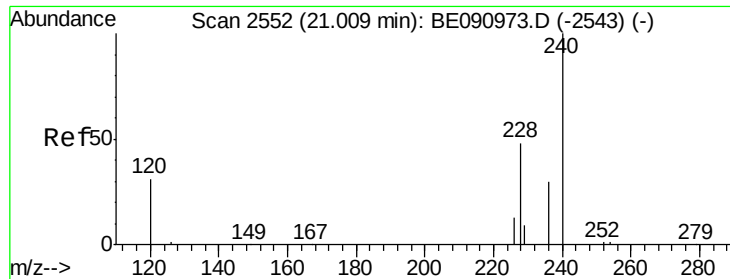
Tot Ion:202 Resp: 19209
Ion Ratio Lower Upper
202 100
200 39.2 16.8 25.2#
203 23.5 14.0 21.0#



#29
Terphenyl-d14
Concen: 5.44 ng
RT: 18.69 min Scan# 2382
Delta R.T. -0.05 min
Lab File: BE091039.D
Acq: 23 Oct 2015 18:33

Tgt Ion:244 Resp: 123282
Ion Ratio Lower Upper
244 100
212 11.6 6.9 10.3#
122 14.4 11.0 16.4





#30

Benzo(a)anthracene

Concen: 0.10 ng

RT: 20.26 min Scan# 2565

Delta R.T. -0.04 min

Lab File: BE091039.D

Acq: 23 Oct 2015 18:33

Instrument :

BNA_E

ClientSampleId :

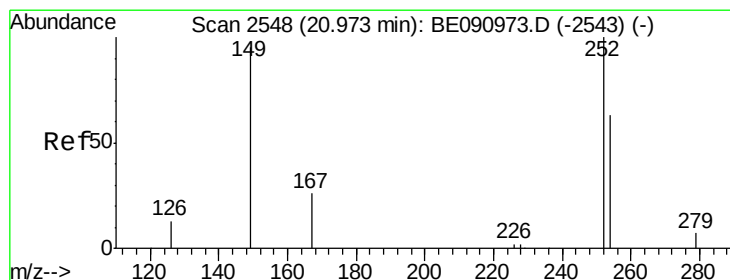
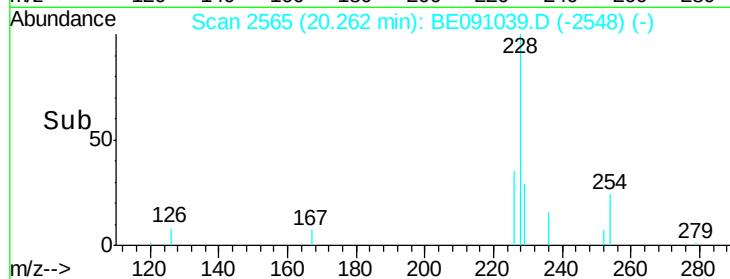
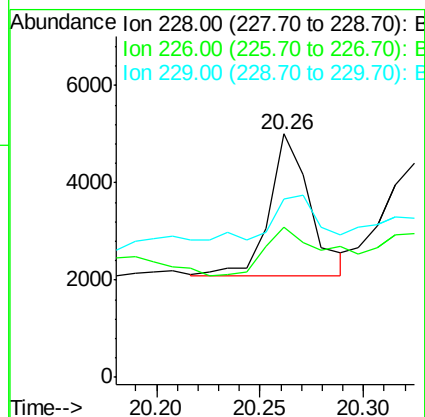
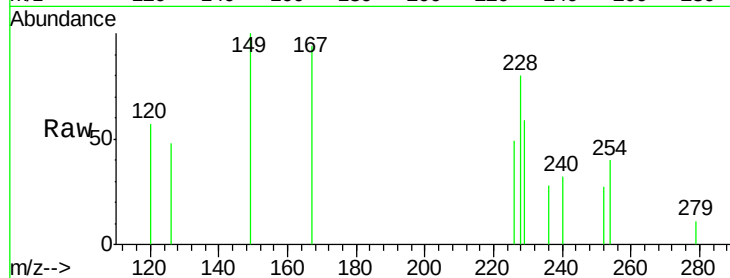
Tot Ion:228 Resp: 4062

Ion Ratio Lower Upper

228 100

226 61.6 21.0 31.4#

229 73.0 15.7 23.5#



#31

3,3'-Dichlorobenzidine

Concen: 0.20 ng

RT: 20.82 min Scan# 2627

Delta R.T. -0.02 min

Lab File: BE091039.D

Acq: 23 Oct 2015 18:33

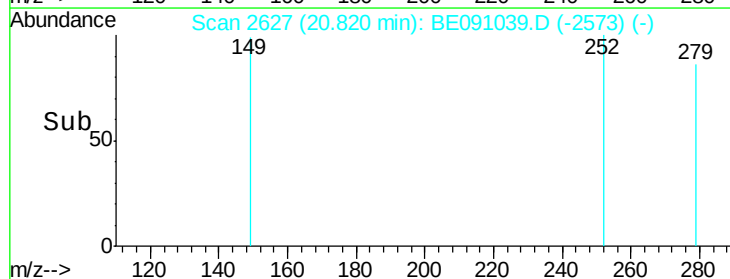
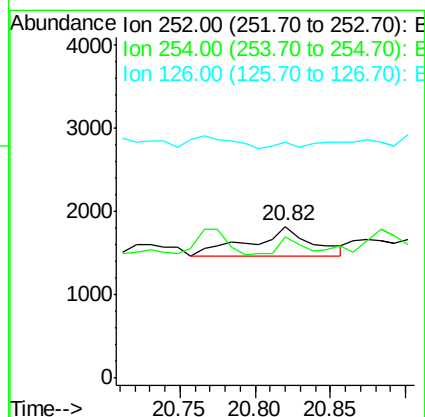
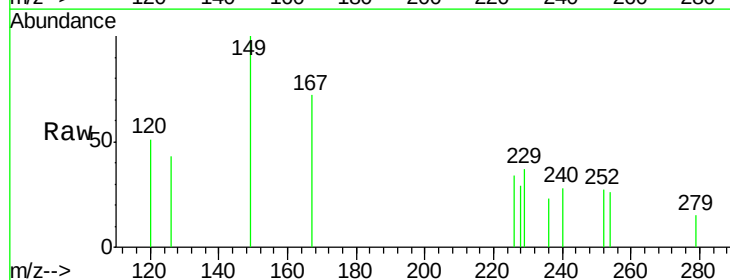
Tgt Ion:252 Resp: 1028

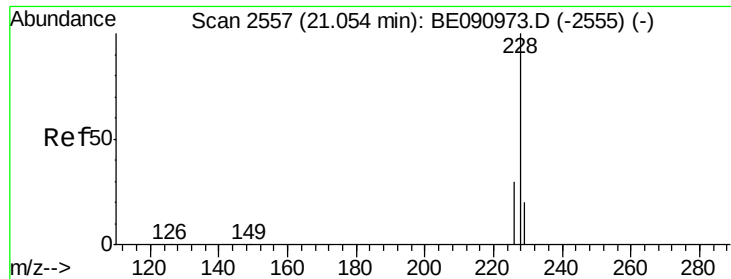
Ion Ratio Lower Upper

252 100

254 93.3 51.1 76.7#

126 155.6 12.6 18.8#





#32

Chrysene

Concen: Below Cal

RT: 20.32 min Scan# 2572

Delta R.T. -0.03 min

Lab File: BE091039.D

Acq: 23 Oct 2015 18:33

Instrument :

BNA_E

ClientSampleId :

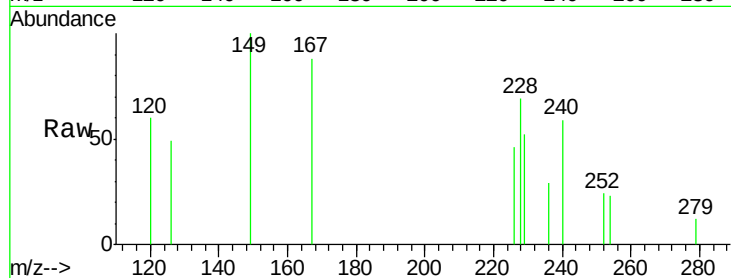
Tot Ion:228 Resp: 4228

Ion Ratio Lower Upper

228 100

226 67.0 24.0 36.0#

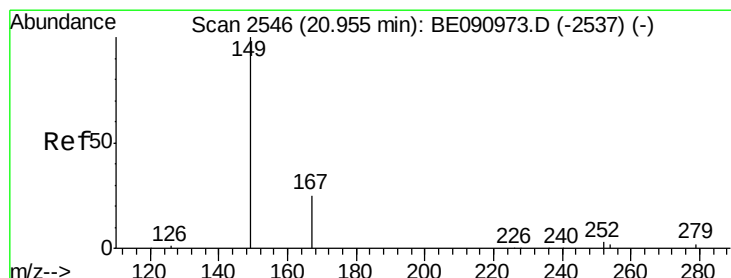
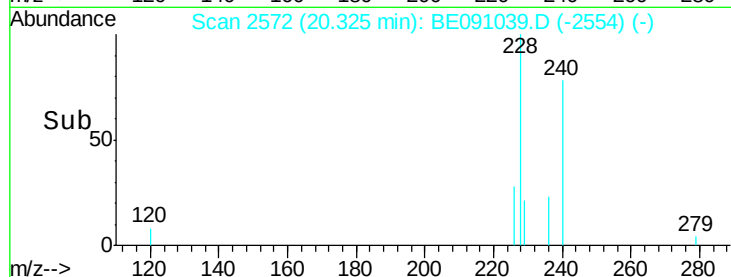
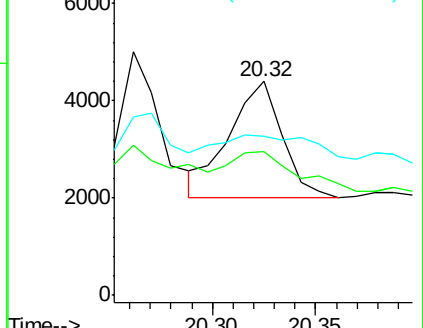
229 74.6 15.9 23.9#



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: 0.40 ng

RT: 19.97 min Scan# 2533

Delta R.T. -0.04 min

Lab File: BE091039.D

Acq: 23 Oct 2015 18:33

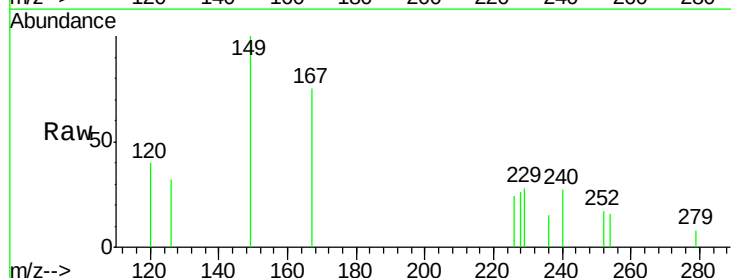
Tgt Ion:149 Resp: 4676

Ion Ratio Lower Upper

149 100

167 122.1 19.5 29.3#

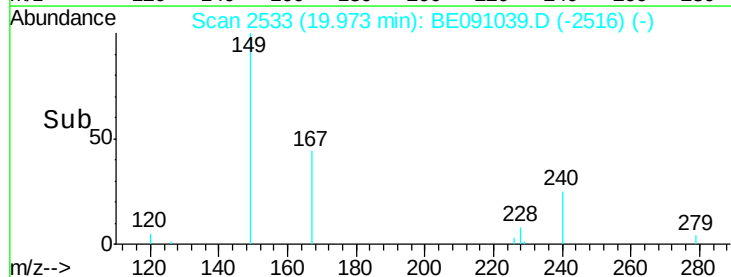
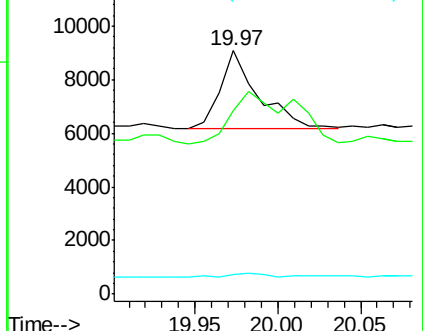
279 6.7 2.3 3.5#

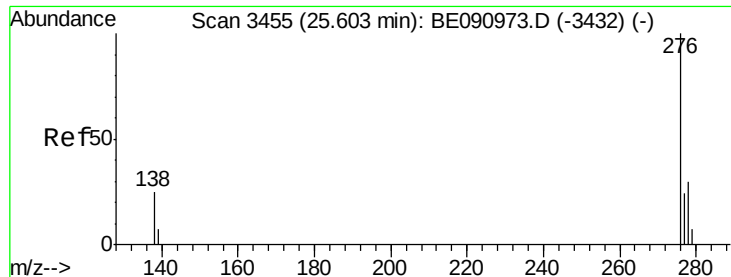


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

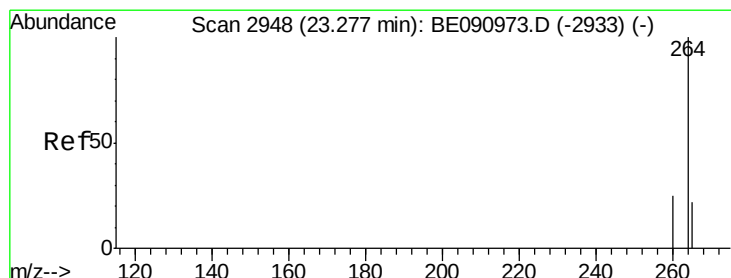
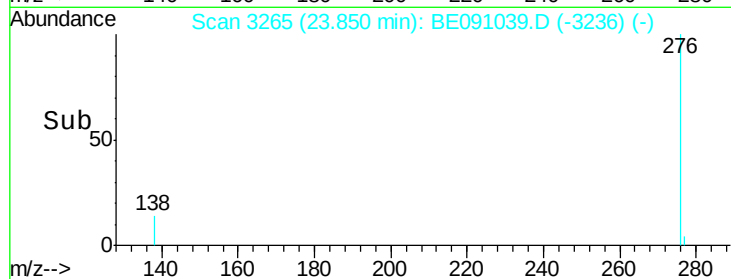
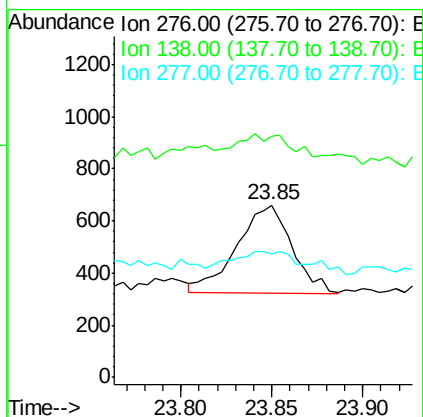
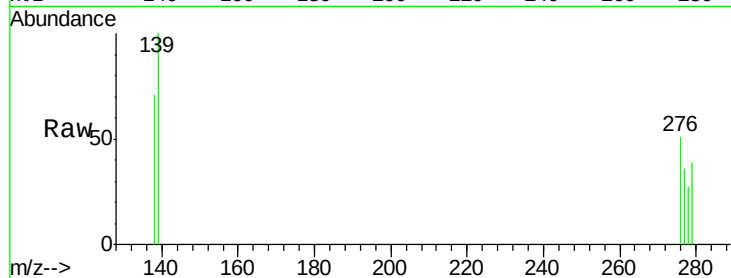




#34
Indeno(1,2,3-cd)pyrene
Concen: 0.13 ng
RT: 23.85 min Scan# 3265
Delta R.T. -0.07 min
Lab File: BE091039.D
Acq: 23 Oct 2015 18:33

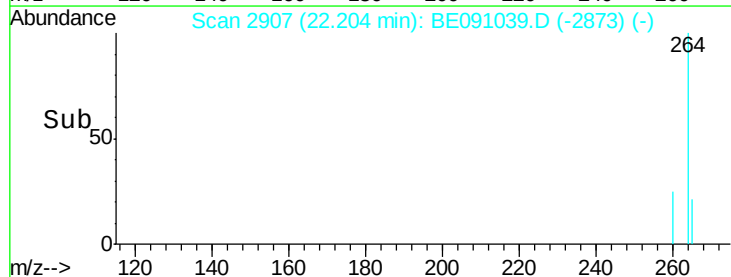
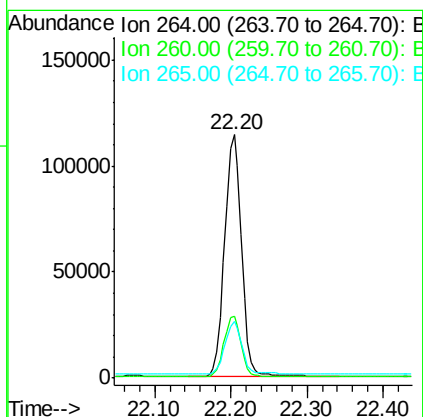
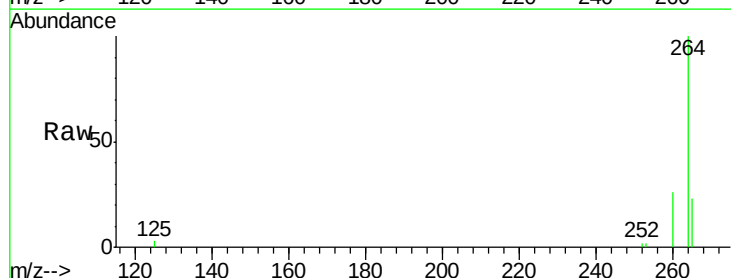
Instrument :
BNA_E
ClientSampleId :

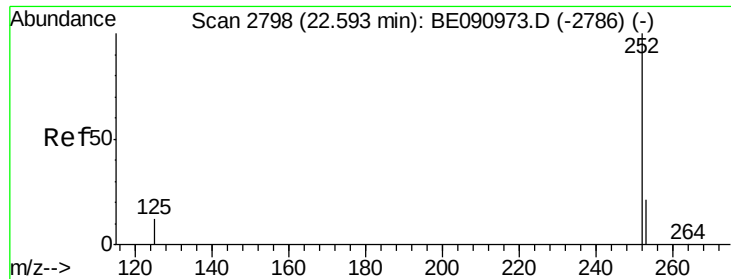
Tot Ion:276 Resp: 708
Ion Ratio Lower Upper
276 100
138 5.6 23.4 35.2#
277 35.7 19.8 29.8#



#35
Perylene-d12
Concen: 5.00 ng
RT: 22.20 min Scan# 2907
Delta R.T. -0.04 min
Lab File: BE091039.D
Acq: 23 Oct 2015 18:33

Tgt Ion:264 Resp: 175834
Ion Ratio Lower Upper
264 100
260 25.5 20.0 30.0
265 23.1 17.5 26.3





#36

Benzo(b)fluoranthene

Concen: 0.04 ng

RT: 21.63 min Scan# 2782

Delta R.T. -0.04 min

Lab File: BE091039.D

Acq: 23 Oct 2015 18:33

Instrument :

BNA_E

ClientSampleId :

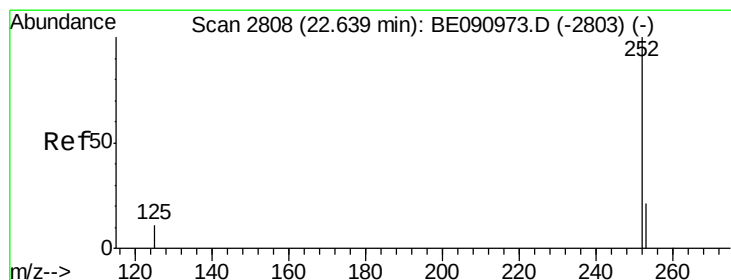
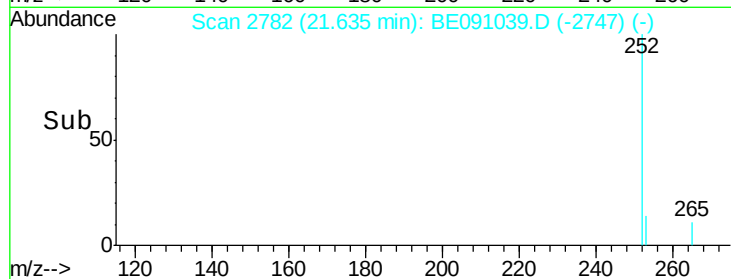
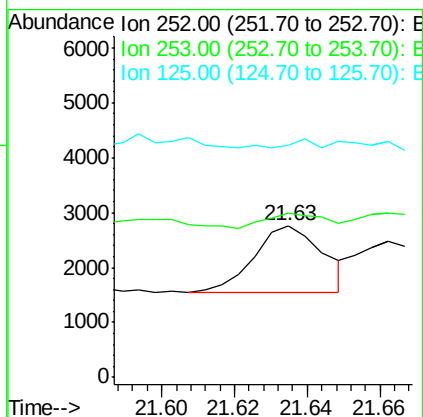
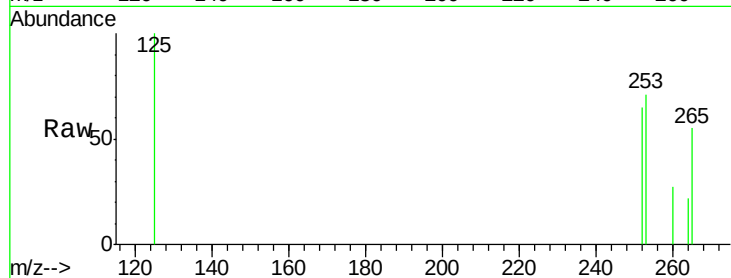
Tot Ion:252 Resp: 1613

Ion Ratio Lower Upper

252 100

253 108.4 17.4 26.0#

125 153.0 10.2 15.2#



#37

Benzo(k)fluoranthene

Concen: Below Cal

RT: 21.66 min Scan# 2788

Delta R.T. -0.04 min

Lab File: BE091039.D

Acq: 23 Oct 2015 18:33

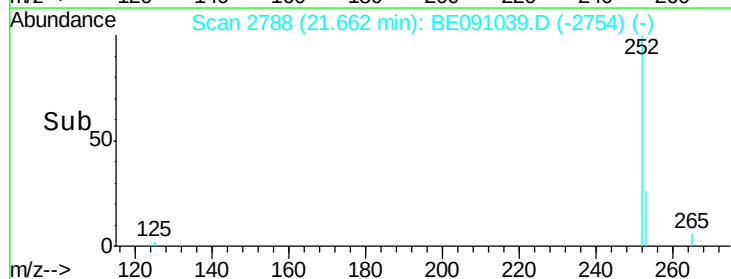
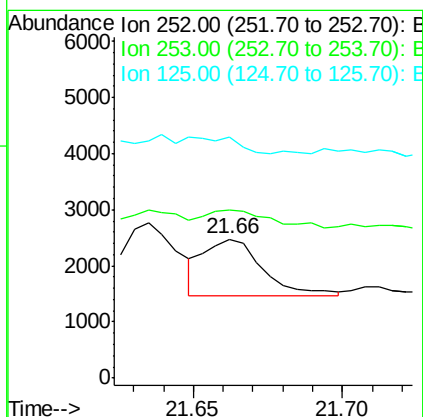
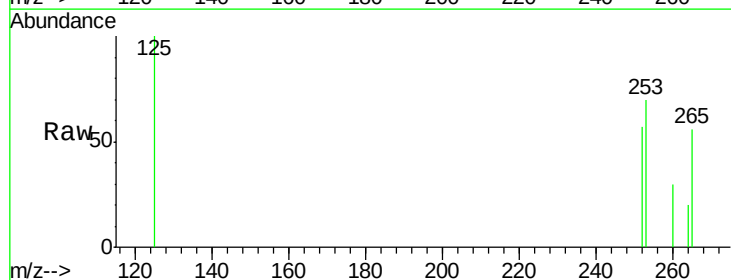
Tgt Ion:252 Resp: 1359

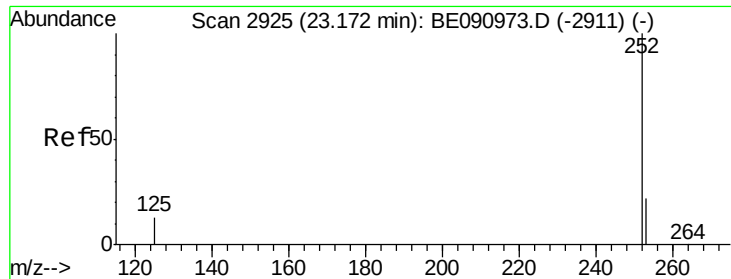
Ion Ratio Lower Upper

252 100

253 121.0 17.6 26.4#

125 174.0 9.9 14.9#





#38

Benzo(a)pyrene

Concen: 0.04 ng

RT: 22.10 min Scan# 2885

Delta R.T. -0.04 min

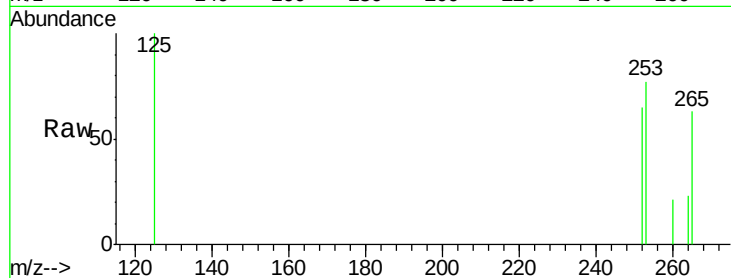
Lab File: BE091039.D

Acq: 23 Oct 2015 18:33

Instrument :

BNA_E

ClientSampled :



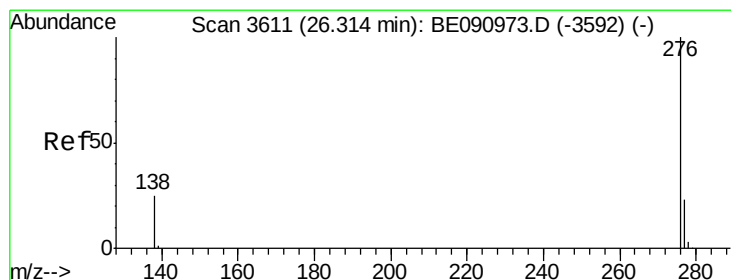
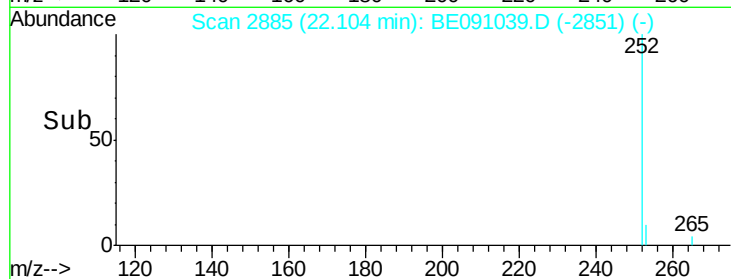
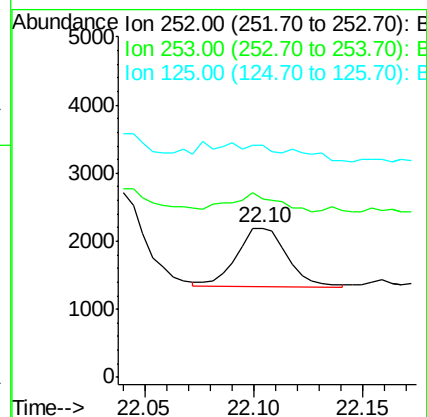
Tot Ion:252 Resp: 1366

Ion Ratio Lower Upper

252 100

253 119.3 18.1 27.1#

125 154.8 11.0 16.4#



#40

Benzo(g,h,i)perylene

Concen: 0.02 ng

RT: 24.41 min Scan# 3388

Delta R.T. -0.08 min

Lab File: BE091039.D

Acq: 23 Oct 2015 18:33

Tgt Ion:276 Resp: 931

Ion Ratio Lower Upper

276 100

277 63.1 18.6 28.0#

138 125.7 20.4 30.6#

