

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062915\
 Data File : BE090006.D
 Acq On : 30 Jun 2015 7:07
 Operator : TP/IZ
 Sample : G2810-26
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 X1SS0520006-150625

Quant Time: Jun 30 09:06:07 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BE062915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 30 07:01:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	21116	5.00	ng	0.00
6) Naphthalene-d8	10.38	136	101783	5.00	ng	0.00
12) Acenaphthene-d10	14.23	164	61436	5.00	ng	0.00
18) Phenanthrene-d10	16.98	188	138577	5.00	ng	0.00
25) Chrysene-d12	21.14	240	146193	5.00	ng	0.00
32) Perylene-d12	23.46	264	142674	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.26	112	43410	8.95	ng	0.00
5) Phenol-d6	6.81	99	68739	10.13	ng	0.00
7) Nitrobenzene-d5	8.76	82	41240	5.10	ng	0.00
13) 2,4,6-Tribromophenol	15.73	330	21806	12.11	ng	0.00
14) 2-Fluorobiphenyl	12.86	172	87887	4.76	ng	0.00
27) Terphenyl-d14	19.59	244	131145	5.38	ng	0.00

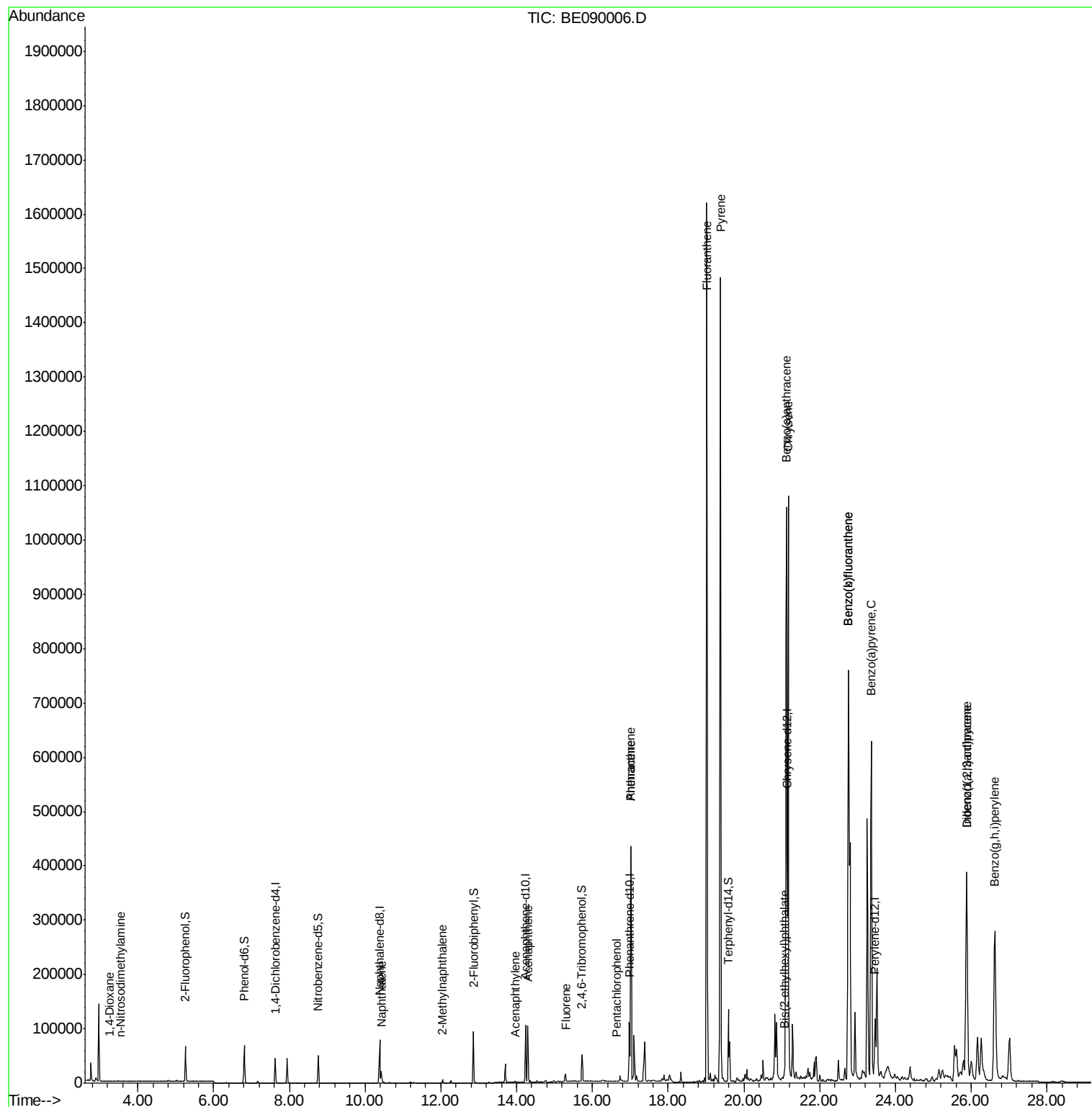
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.25	88	470	0.16	ng	# 82
3) n-Nitrosodimethylamine	3.53	42	269	0.07	ng	# 69
9) Naphthalene	10.43	128	26896	1.17	ng	99
11) 2-Methylnaphthalene	12.05	142	4471	0.29	ng	99
15) Acenaphthylene	13.95	152	3386	0.03	ng	# 86
16) Acenaphthene	14.30	154	19398	1.21	ng	96
17) Fluorene	15.29	166	11502	0.53	ng	99
21) Pentachlorophenol	16.63	266	48	0.27	ng	# 58
22) Phenanthrene	17.01	178	474066	13.35	ng	98
23) Anthracene	17.01	178	473909	14.59	ng	97
24) Fluoranthene	19.02	202	1454805	36.69	ng	97
26) Pyrene	19.38	202	1354634	38.88	ng	# 93
28) Benzo(a)anthracene	21.12	228	941350	25.78	ng	97
29) Chrysene	21.17	228	1049809	27.69	ng	96
30) Bis(2-ethylhexyl)phthalate	21.07	149	3161	0.48	ng	100
31) Indeno(1,2,3-cd)pyrene	25.89	276	653809	17.99	ng	96
33) Benzo(b)fluoranthene	22.76	252	1318675	41.90	ng	97
34) Benzo(k)fluoranthene	22.76	252	1318675	37.50	ng	97
35) Benzo(a)pyrene	23.36	252	940314	32.35	ng	98
36) Dibenzo(a,h)anthracene	25.89	278	167662	5.62	ng	98
37) Benzo(g,h,i)perylene	26.63	276	651181	21.53	ng	99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.62 min Scan# 854

Delta R.T. -0.00 min

Lab File: BE090006.D

Acq: 30 Jun 2015 7:07

Instrument :

BNA_E

ClientSampleId :

X1SS0520006-150625

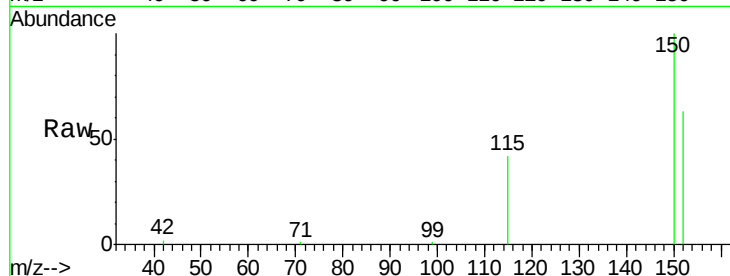
Tgt Ion:152 Resp: 21116

Ion Ratio Lower Upper

152 100

150 158.1 123.9 185.9

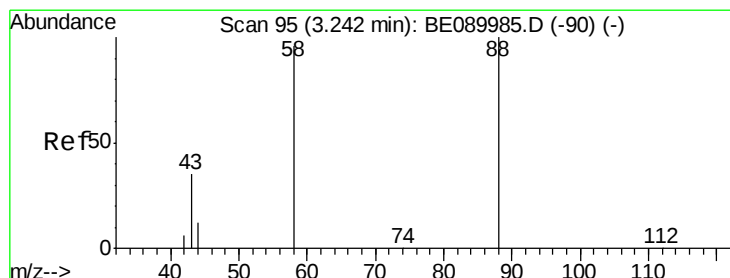
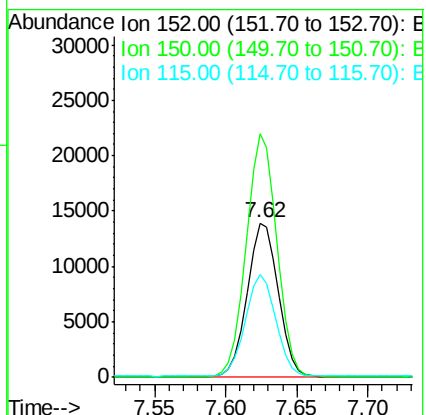
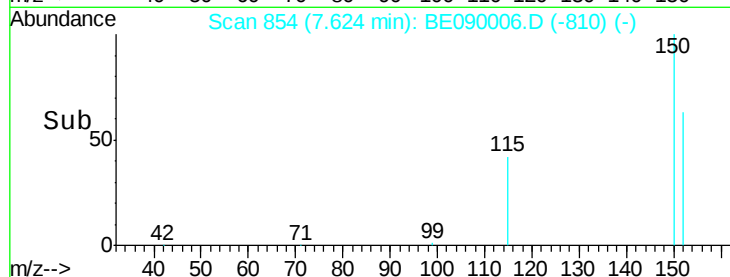
115 66.6 50.6 76.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.16 ng

RT: 3.25 min Scan# 96

Delta R.T. 0.01 min

Lab File: BE090006.D

Acq: 30 Jun 2015 7:07

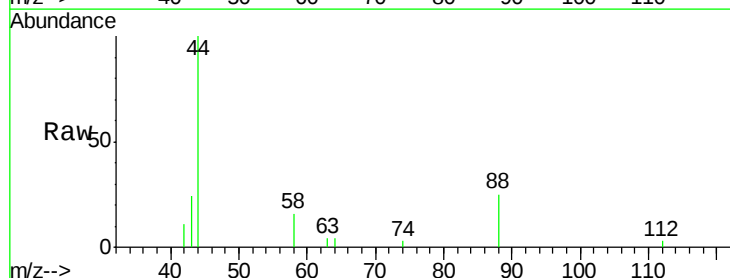
Tgt Ion: 88 Resp: 470

Ion Ratio Lower Upper

88 100

58 79.8 70.9 106.3

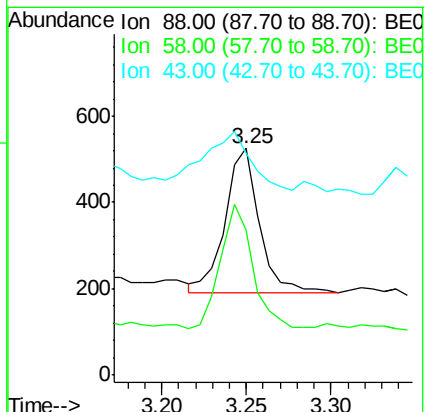
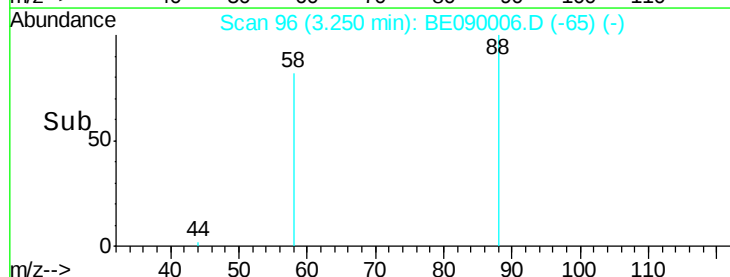
43 57.7 27.6 41.4#

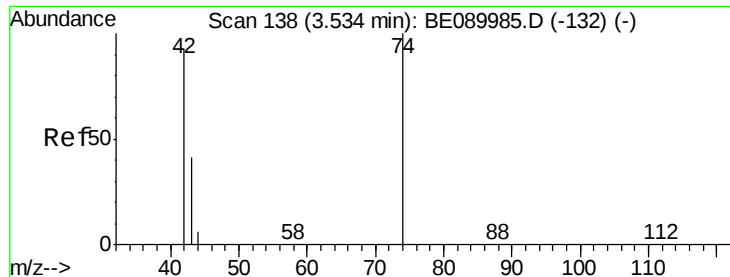


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.07 ng

RT: 3.53 min Scan# 138

Delta R.T. 0.00 min

Lab File: BE090006.D

Acq: 30 Jun 2015 7:07

Instrument :

BNA_E

ClientSampleId :

X1SS0520006-150625

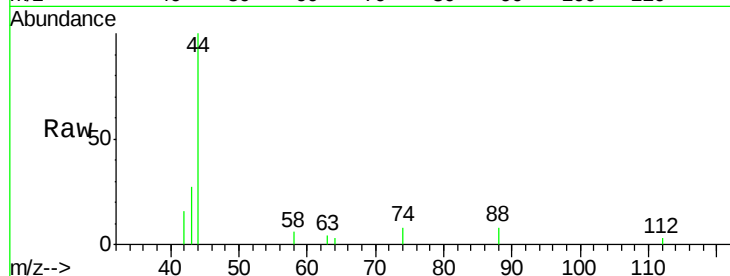
Tgt Ion: 42 Resp: 269

Ion Ratio Lower Upper

42 100

74 86.6 89.4 134.2#

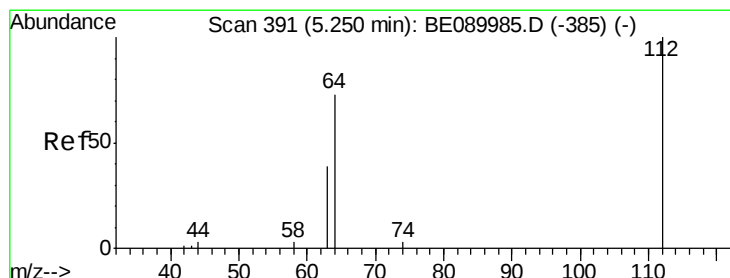
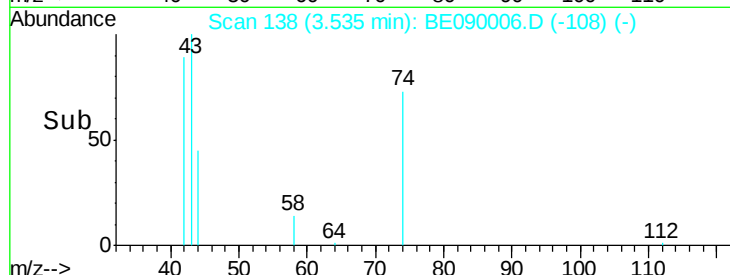
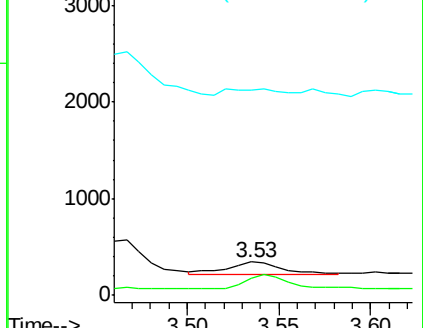
44 54.3 6.9 10.3#



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: 8.95 ng

RT: 5.26 min Scan# 392

Delta R.T. 0.01 min

Lab File: BE090006.D

Acq: 30 Jun 2015 7:07

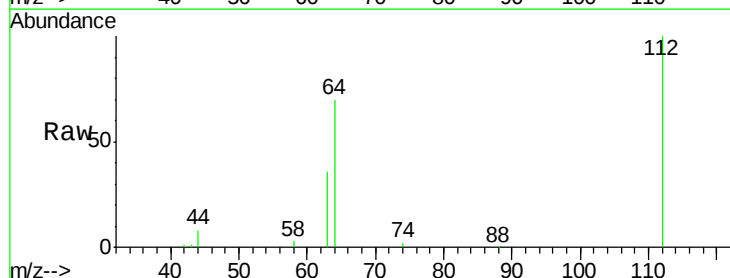
Tgt Ion: 112 Resp: 43410

Ion Ratio Lower Upper

112 100

64 72.2 56.3 84.5

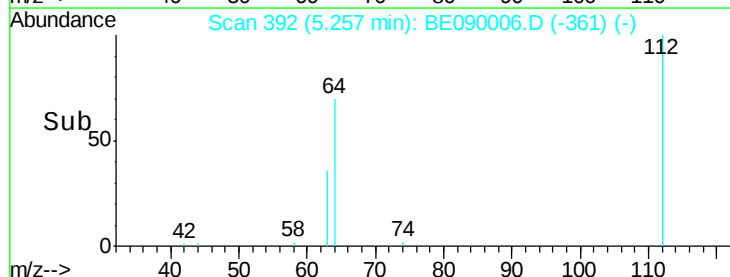
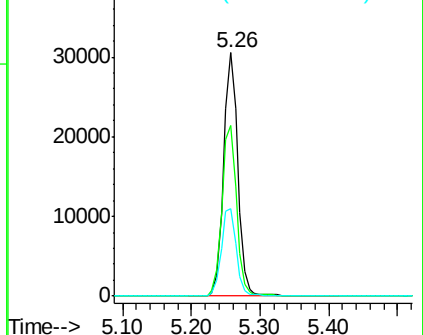
63 37.4 29.8 44.6

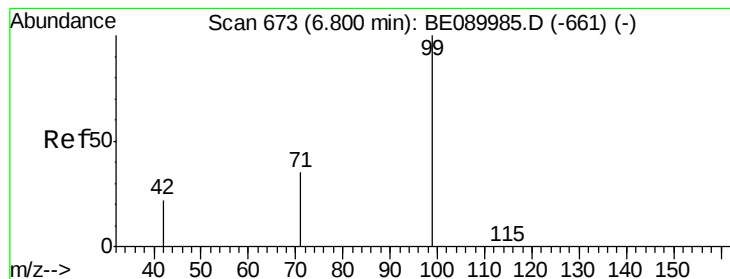


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 10.13 ng

RT: 6.81 min Scan# 675

Delta R.T. 0.01 min

Lab File: BE090006.D

Acq: 30 Jun 2015 7:07

Instrument :

BNA_E

ClientSampleId :

X1SS0520006-150625

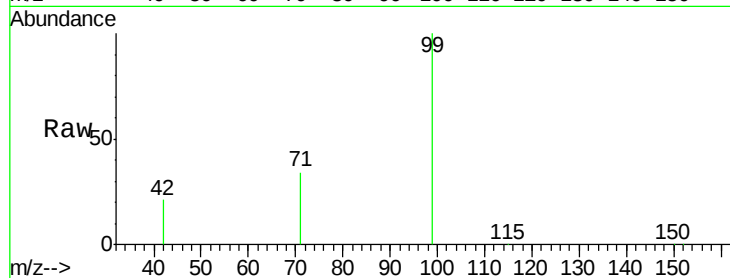
Tgt Ion: 99 Resp: 68739

Ion Ratio Lower Upper

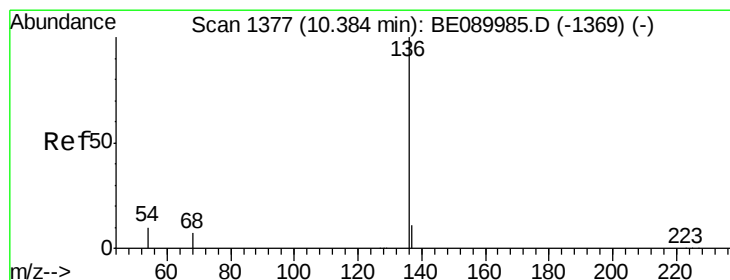
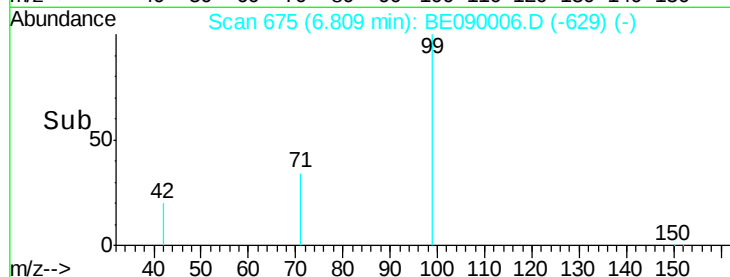
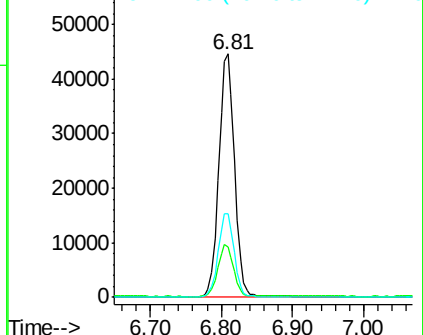
99 100

42 21.0 18.7 28.1

71 34.6 27.5 41.3



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

Naphthalene-d8

Concen: 5.00 ng

RT: 10.38 min Scan# 1377

Delta R.T. 0.00 min

Lab File: BE090006.D

Acq: 30 Jun 2015 7:07

Tgt Ion: 136 Resp: 101783

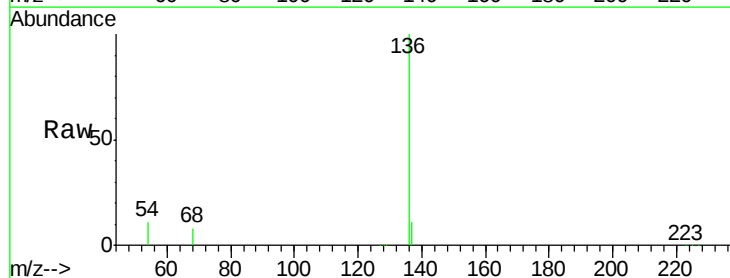
Ion Ratio Lower Upper

136 100

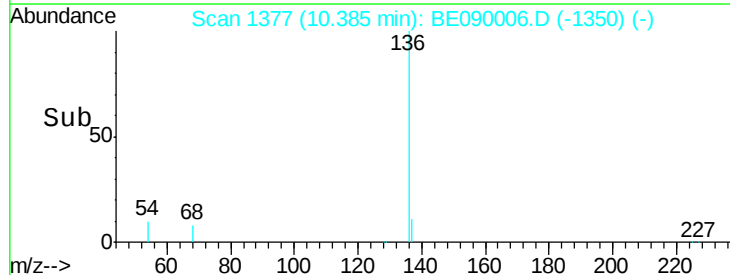
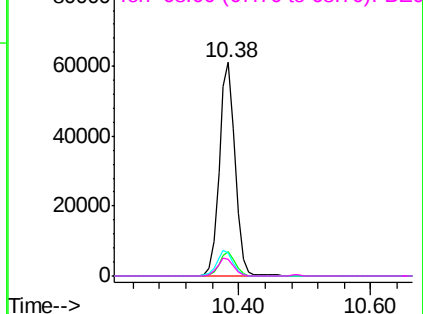
137 11.1 8.9 13.3

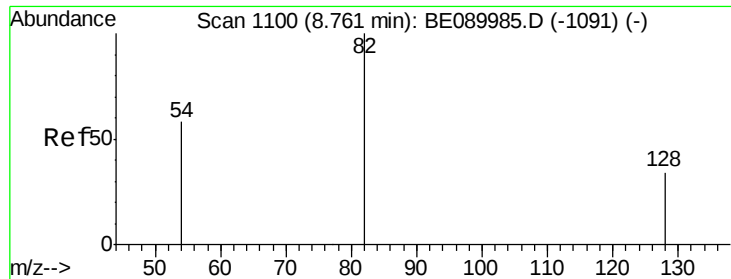
54 10.6 8.2 12.4

68 7.8 5.8 8.8



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





#7

Nitrobenzene-d5

Concen: 5.10 ng

RT: 8.76 min Scan# 1100

Delta R.T. 0.00 min

Lab File: BE090006.D

Acq: 30 Jun 2015 7:07

Instrument :

BNA_E

ClientSampleId :

X1SS0520006-150625

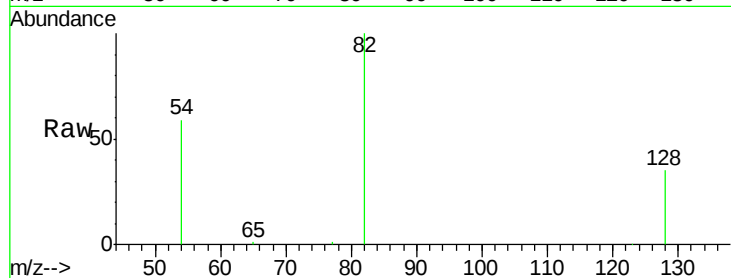
Tgt Ion: 82 Resp: 41240

Ion Ratio Lower Upper

82 100

128 35.1 28.0 42.0

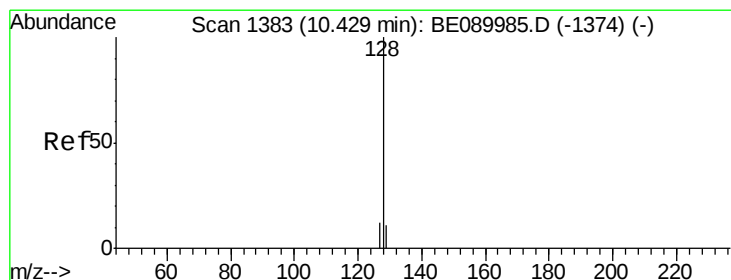
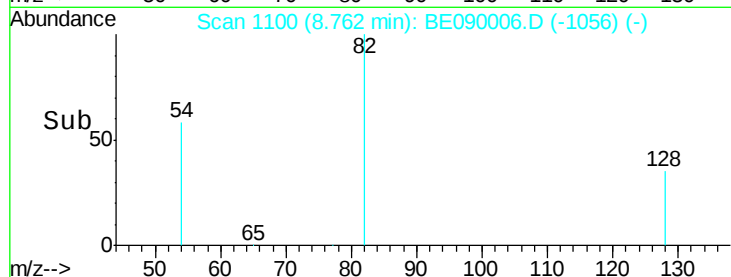
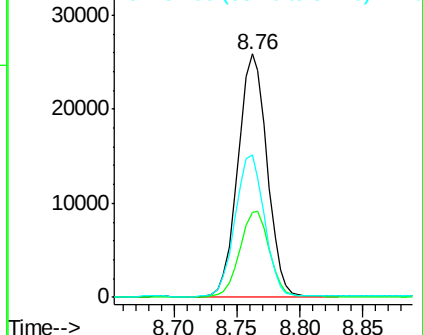
54 58.5 47.6 71.4



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

Naphthalene

Concen: 1.17 ng

RT: 10.43 min Scan# 1383

Delta R.T. 0.00 min

Lab File: BE090006.D

Acq: 30 Jun 2015 7:07

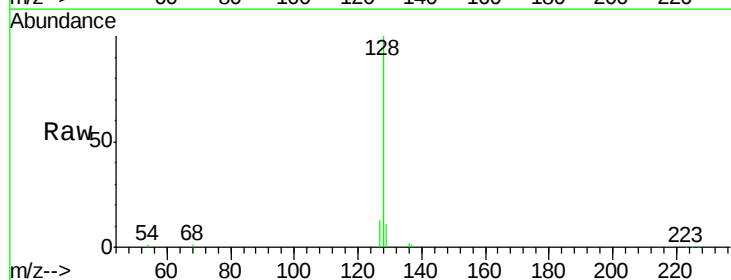
Tgt Ion: 128 Resp: 26896

Ion Ratio Lower Upper

128 100

129 11.3 9.3 13.9

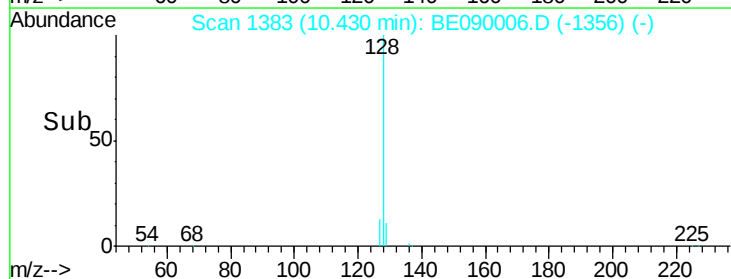
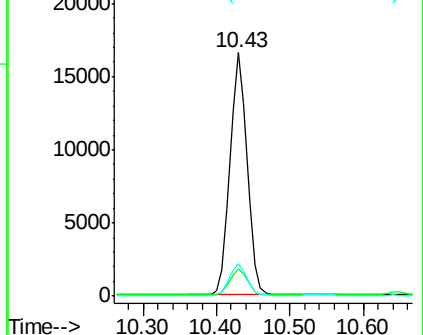
127 13.1 10.2 15.4

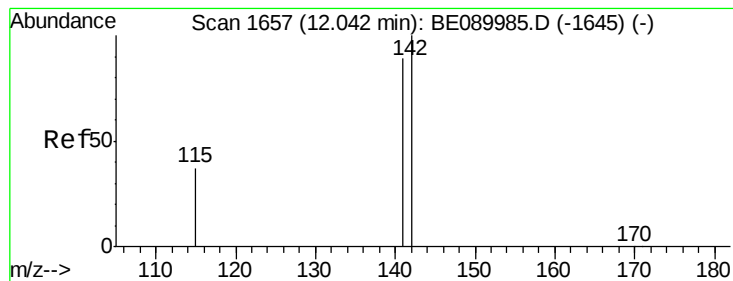


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#11

2-Methylnaphthalene

Concen: 0.29 ng

RT: 12.05 min Scan# 1658

Delta R.T. 0.00 min

Lab File: BE090006.D

Acq: 30 Jun 2015 7:07

Instrument :

BNA_E

ClientSampleId :

X1SS0520006-150625

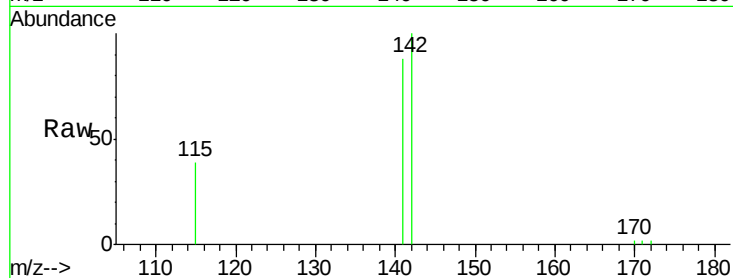
Tgt Ion:142 Resp: 4471

Ion Ratio Lower Upper

142 100

141 88.1 71.3 106.9

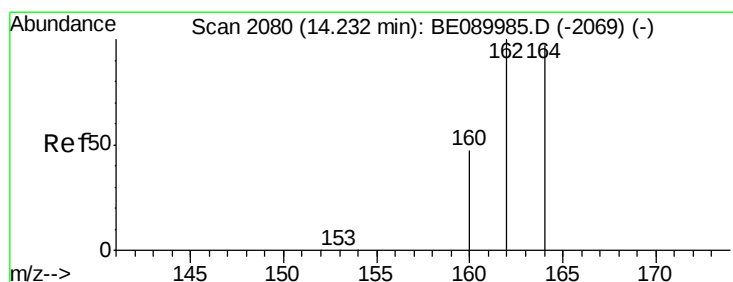
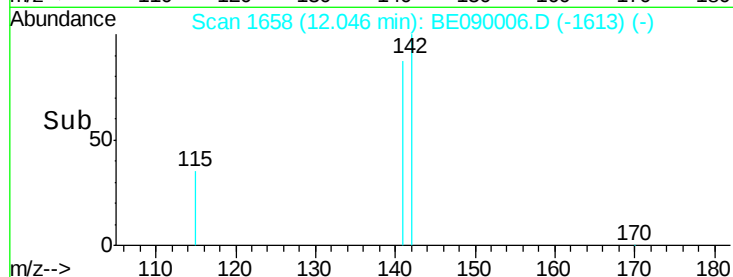
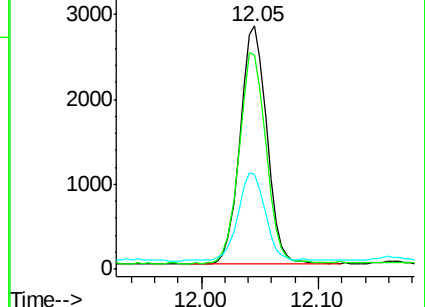
115 39.1 30.4 45.6



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



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.23 min Scan# 2080

Delta R.T. 0.00 min

Lab File: BE090006.D

Acq: 30 Jun 2015 7:07

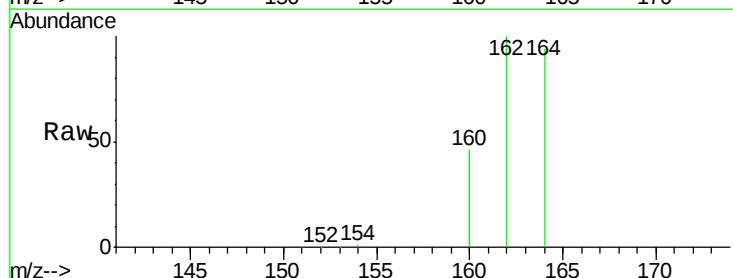
Tgt Ion:164 Resp: 61436

Ion Ratio Lower Upper

164 100

162 106.2 82.2 123.4

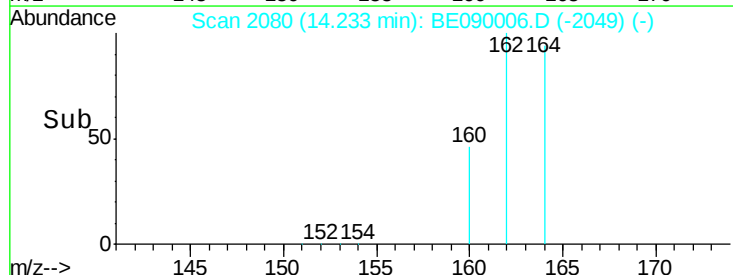
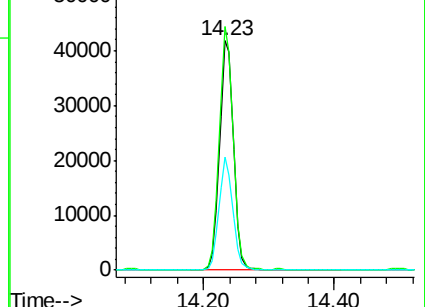
160 49.0 39.0 58.6

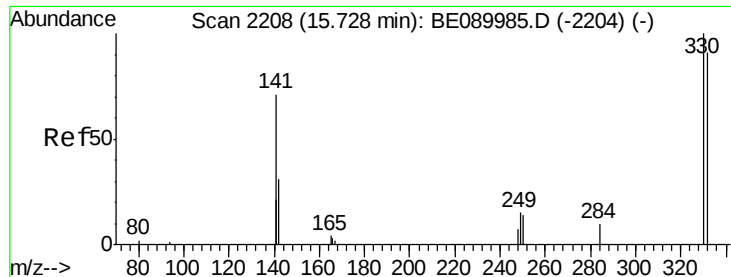


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

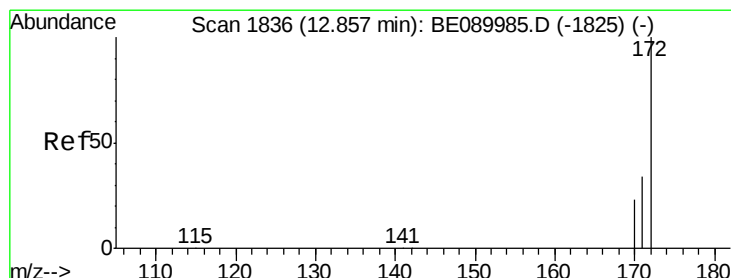
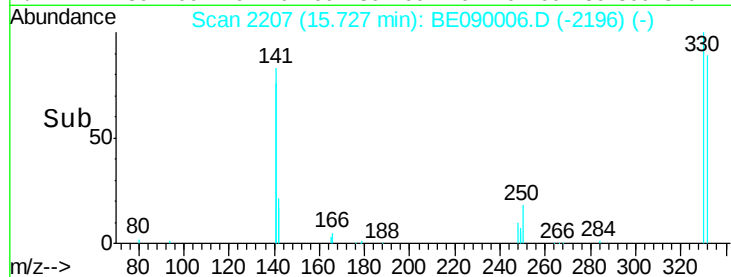
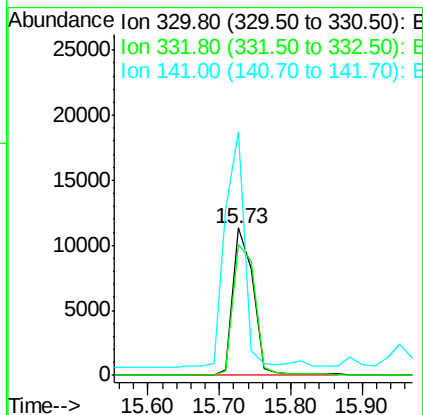
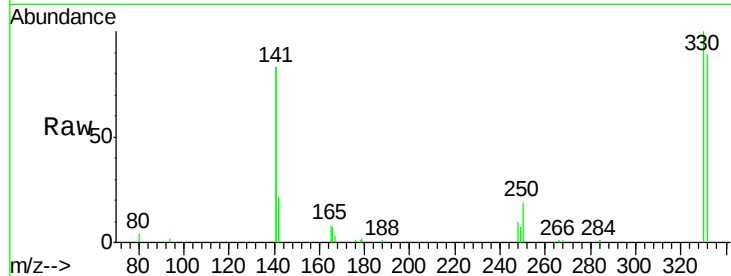




#13
 2,4,6-Tribromophenol
 Concen: 12.11 ng
 RT: 15.73 min Scan# 2207
 Delta R.T. -0.00 min
 Lab File: BE090006.D
 Acq: 30 Jun 2015 7:07

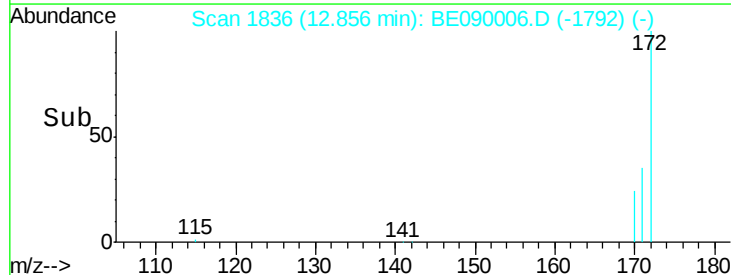
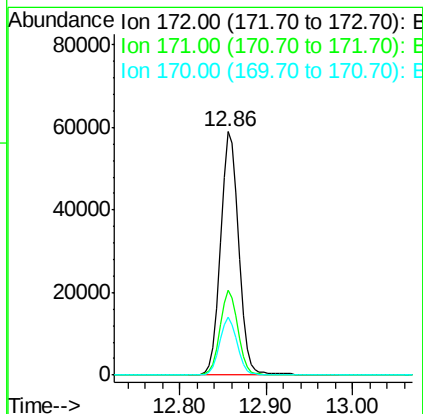
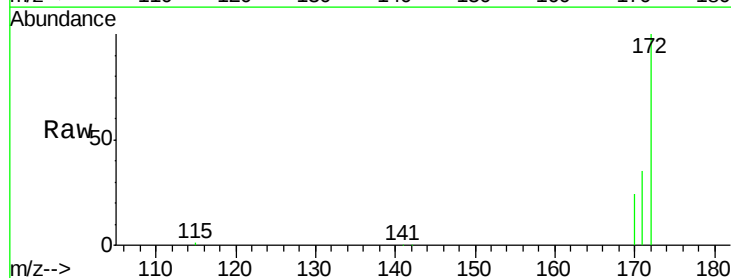
Instrument :
 BNA_E
 ClientSampleId :
 X1SS0520006-150625

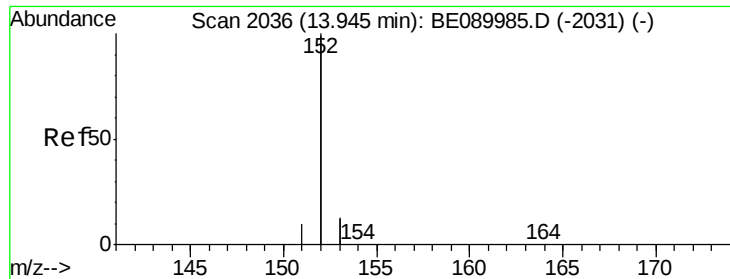
Tgt Ion: 330 Resp: 21806
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.4 114.6
 141 156.8 130.3 195.5



#14
 2-Fluorobiphenyl
 Concen: 4.76 ng
 RT: 12.86 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: BE090006.D
 Acq: 30 Jun 2015 7:07

Tgt Ion: 172 Resp: 87887
 Ion Ratio Lower Upper
 172 100
 171 35.0 27.8 41.6
 170 24.0 18.3 27.5





#15

Acenaphthylene

Concen: 0.03 ng

RT: 13.95 min Scan# 2037

Delta R.T. 0.01 min

Lab File: BE090006.D

Acq: 30 Jun 2015 7:07

Instrument :

BNA_E

ClientSampleId :

X1SS0520006-150625

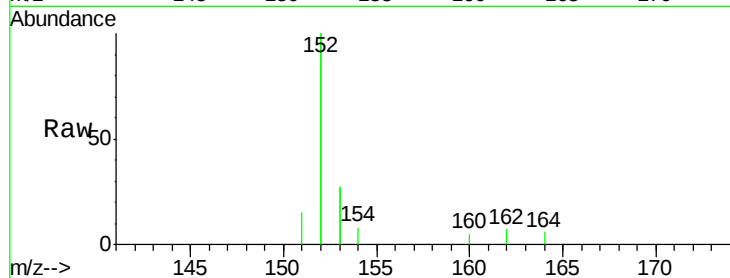
Tgt Ion:152 Resp: 3386

Ion Ratio Lower Upper

152 100

151 5.4 3.9 5.9

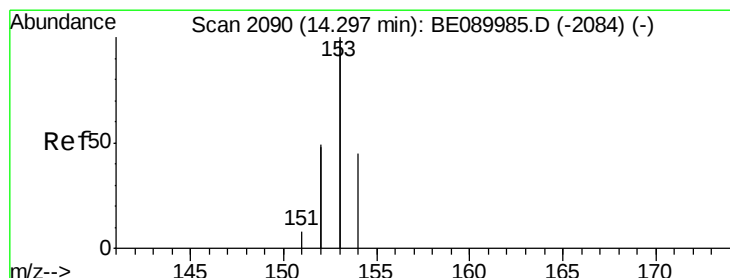
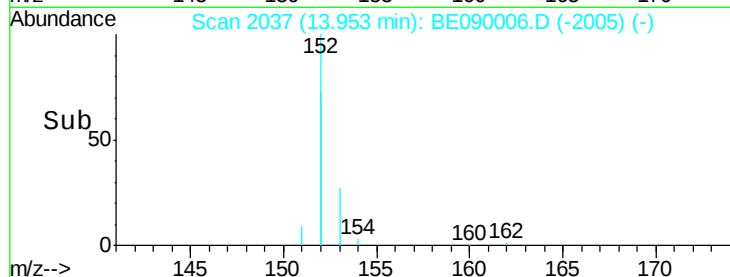
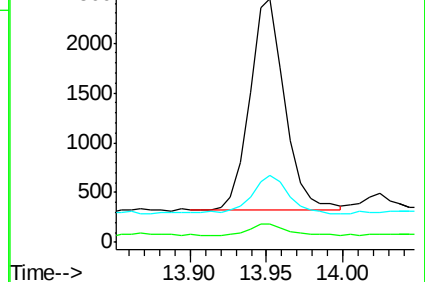
153 20.5 10.4 15.6#



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



#16

Acenaphthene

Concen: 1.21 ng

RT: 14.30 min Scan# 2090

Delta R.T. 0.00 min

Lab File: BE090006.D

Acq: 30 Jun 2015 7:07

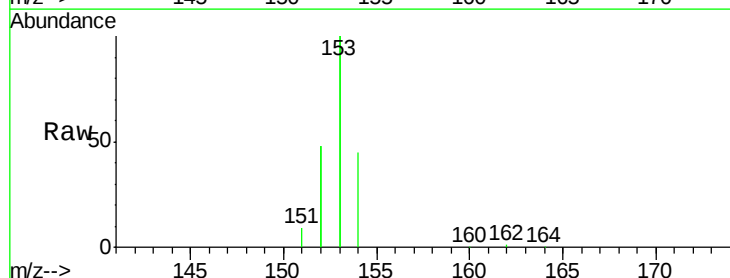
Tgt Ion:154 Resp: 19398

Ion Ratio Lower Upper

154 100

153 460.4 358.6 538.0

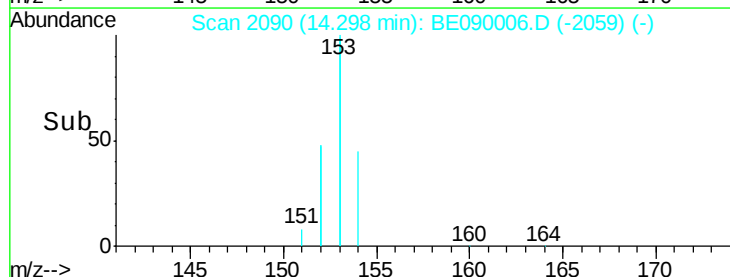
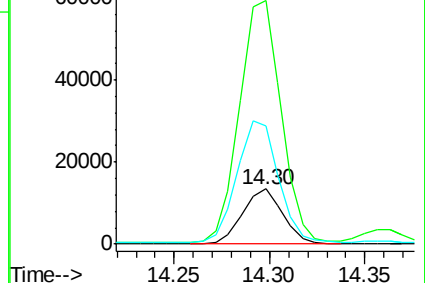
152 231.2 189.6 284.4

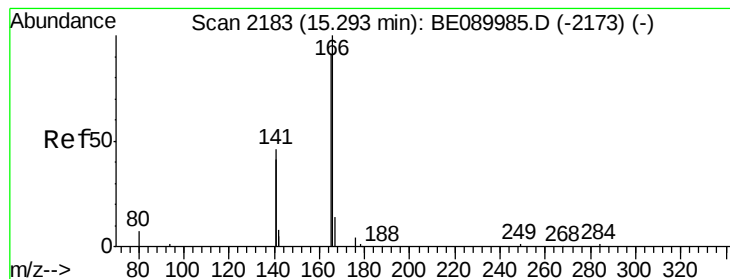


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#17

Fluorene

Concen: 0.53 ng

RT: 15.29 min Scan# 2182

Delta R.T. -0.00 min

Lab File: BE090006.D

Acq: 30 Jun 2015 7:07

Instrument :

BNA_E

ClientSampleId :

X1SS0520006-150625

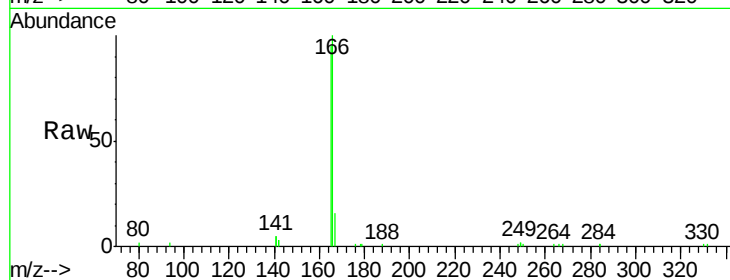
Tgt Ion:166 Resp: 11502

Ion Ratio Lower Upper

166 100

165 99.3 79.0 118.6

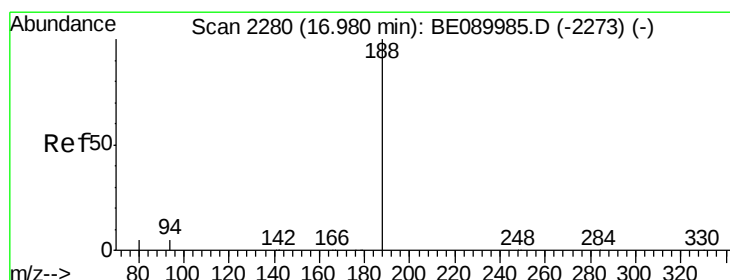
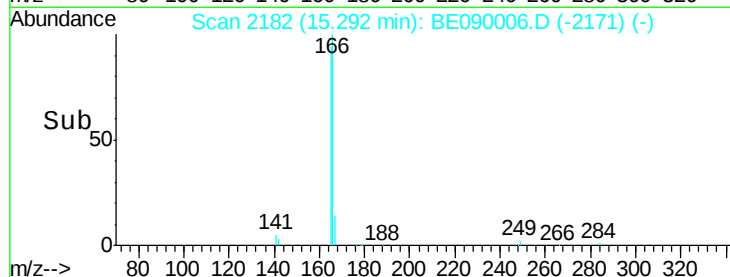
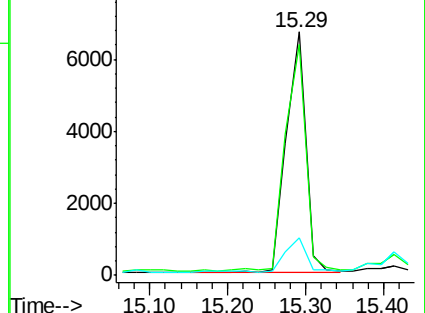
167 17.1 11.8 17.8



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



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.98 min Scan# 2279

Delta R.T. -0.00 min

Lab File: BE090006.D

Acq: 30 Jun 2015 7:07

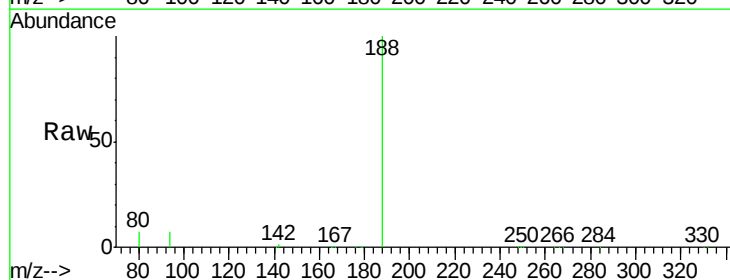
Tgt Ion:188 Resp: 138577

Ion Ratio Lower Upper

188 100

94 6.7 4.1 6.1#

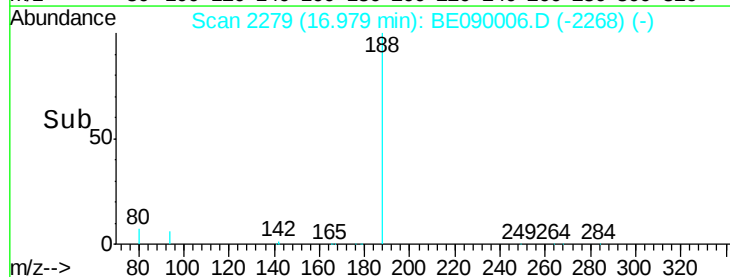
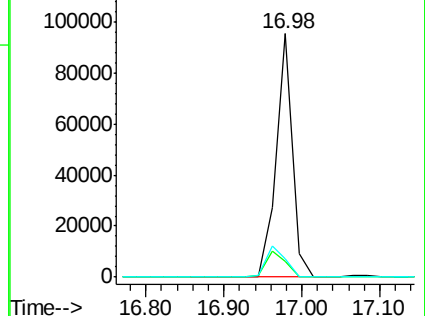
80 7.3 4.2 6.2#

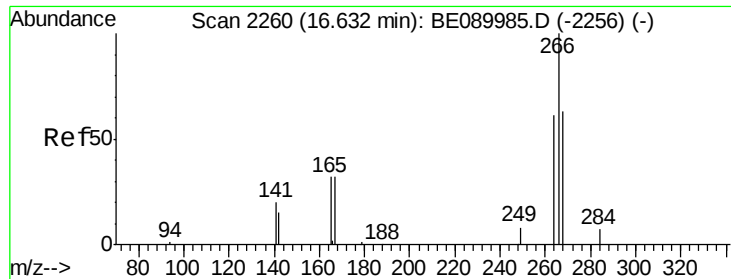


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

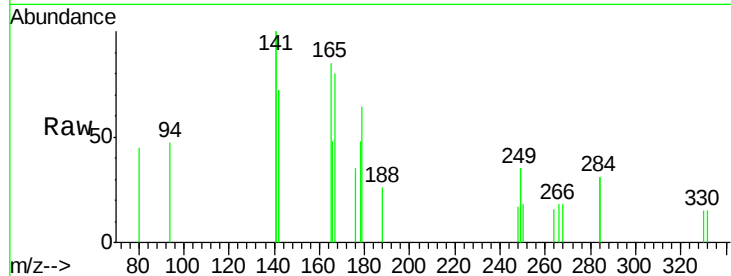




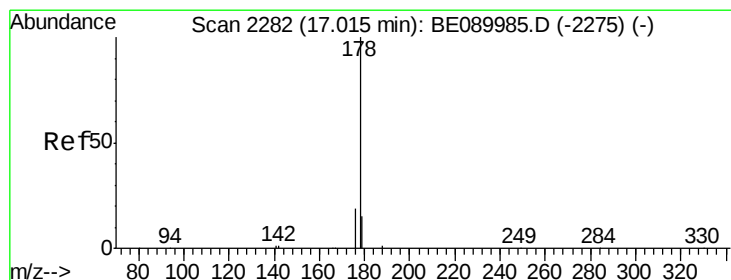
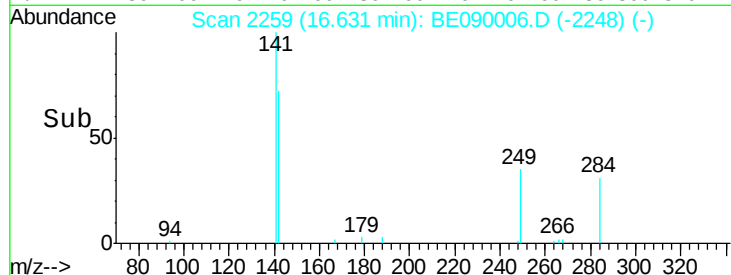
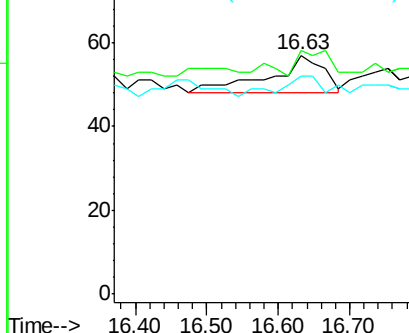
#21
 Pentachlorophenol
 Concen: 0.27 ng
 RT: 16.63 min Scan# 2259
 Delta R.T. -0.00 min
 Lab File: BE090006.D
 Acq: 30 Jun 2015 7:07

Instrument :
 BNA_E
 ClientSampleId :
 X1SS0520006-150625

Tgt Ion: 266 Resp: 48
 Ion Ratio Lower Upper
 266 100
 268 101.8 51.8 77.8#
 264 91.2 50.2 75.2#

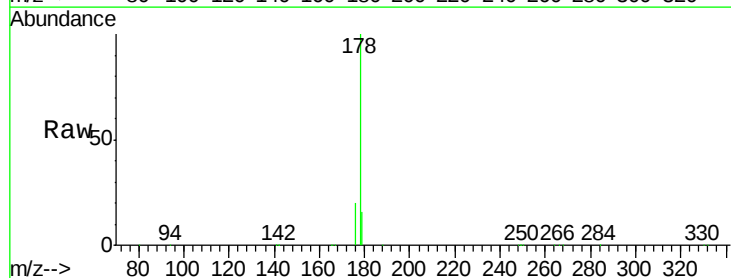


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

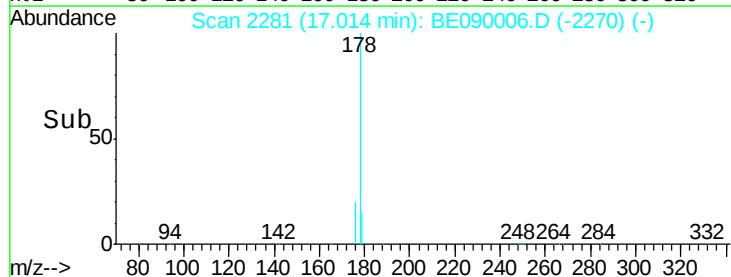
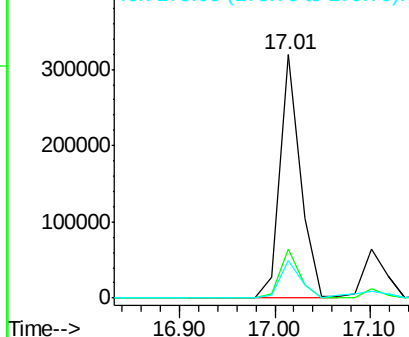


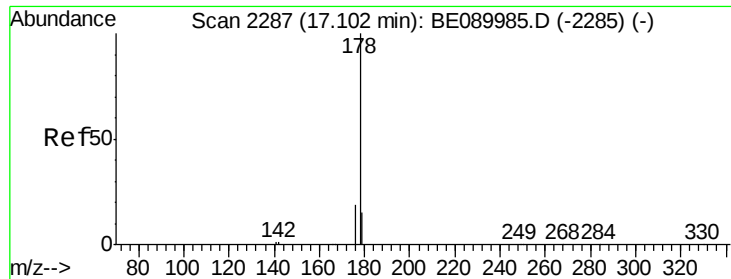
#22
 Phenanthrene
 Concen: 13.35 ng
 RT: 17.01 min Scan# 2281
 Delta R.T. -0.00 min
 Lab File: BE090006.D
 Acq: 30 Jun 2015 7:07

Tgt Ion: 178 Resp: 474066
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.3 22.9
 179 16.4 12.4 18.6



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





#23

Anthracene

Concen: 14.59 ng

RT: 17.01 min Scan# 2281

Delta R.T. -0.09 min

Lab File: BE090006.D

Acq: 30 Jun 2015 7:07

Instrument :

BNA_E

ClientSampleId :

X1SS0520006-150625

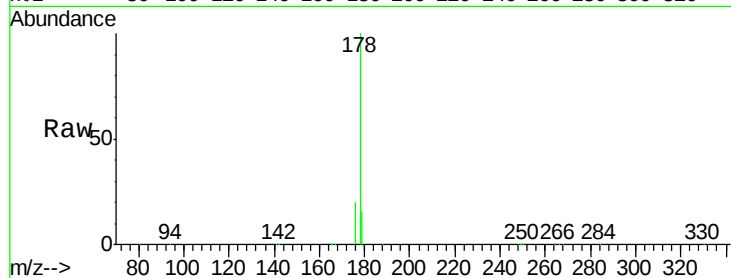
Tgt Ion:178 Resp: 473909

Ion Ratio Lower Upper

178 100

176 19.5 14.7 22.1

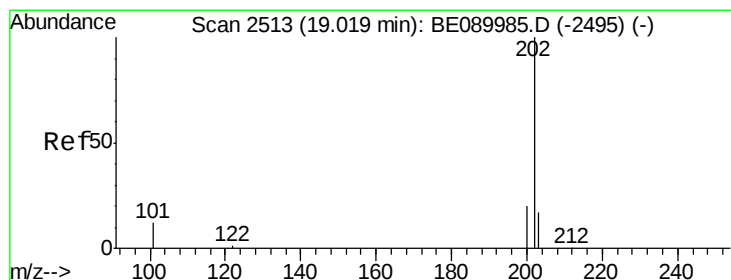
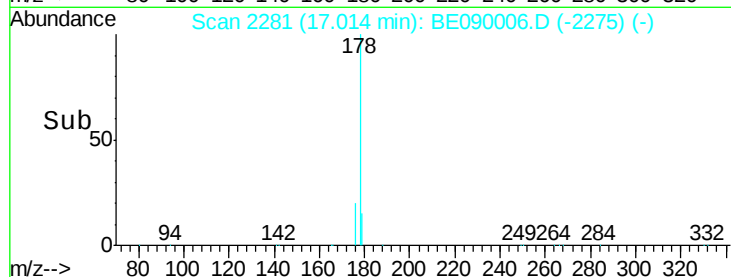
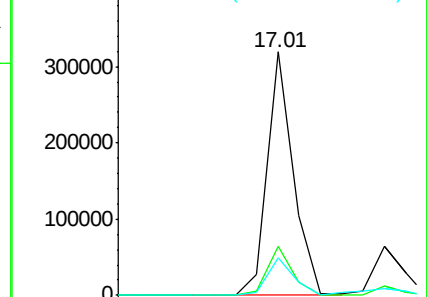
179 16.4 12.1 18.1



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

Fluoranthene

Concen: 36.69 ng

RT: 19.02 min Scan# 2513

Delta R.T. 0.01 min

Lab File: BE090006.D

Acq: 30 Jun 2015 7:07

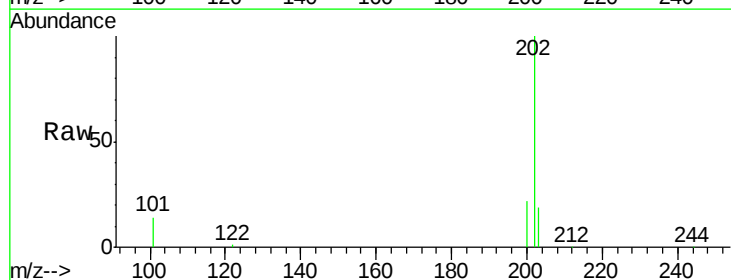
Tgt Ion:202 Resp: 1454805

Ion Ratio Lower Upper

202 100

101 14.7 10.6 15.8

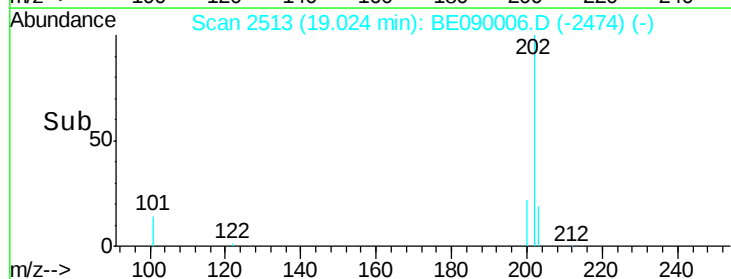
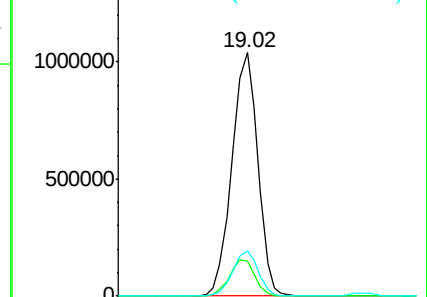
203 18.2 13.8 20.6

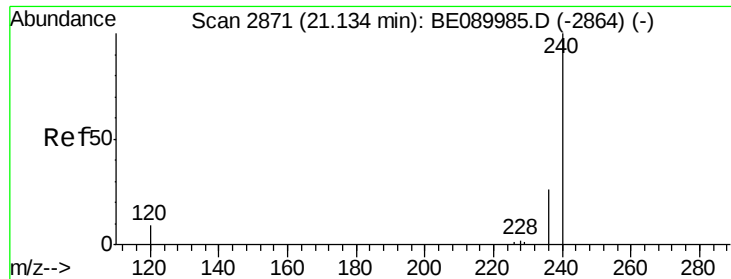


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.14 min Scan# 2870

Delta R.T. 0.01 min

Lab File: BE090006.D

Acq: 30 Jun 2015 7:07

Instrument :

BNA_E

ClientSampleId :

X1SS0520006-150625

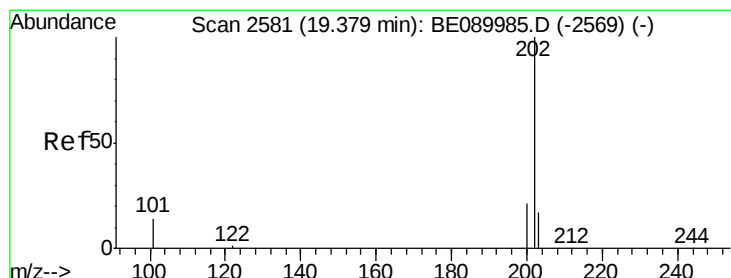
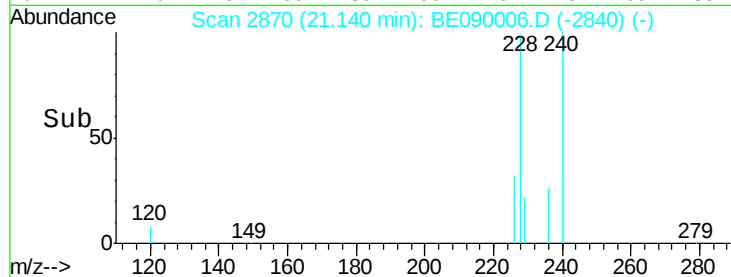
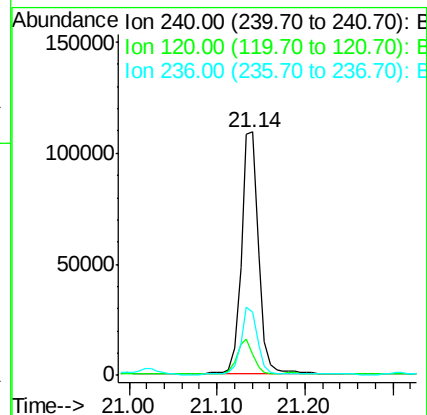
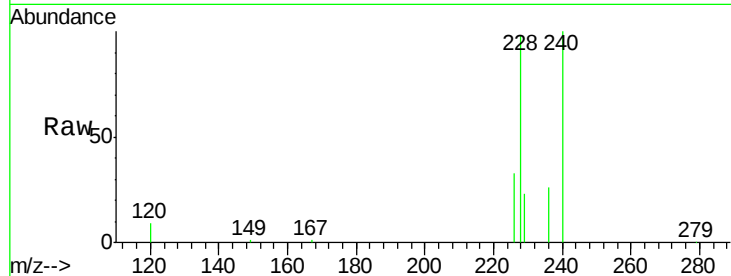
Tgt Ion:240 Resp: 146193

Ion Ratio Lower Upper

240 100

120 8.8 6.9 10.3

236 26.2 20.8 31.2



#26

Pyrene

Concen: 38.88 ng

RT: 19.38 min Scan# 2581

Delta R.T. 0.01 min

Lab File: BE090006.D

Acq: 30 Jun 2015 7:07

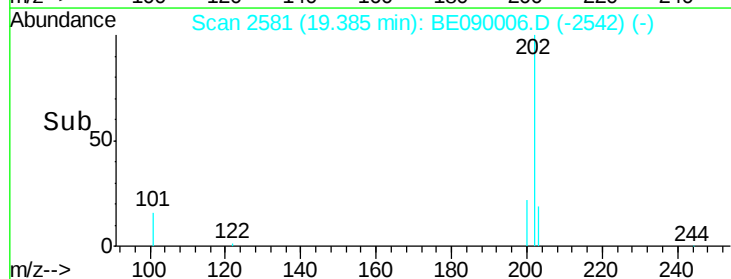
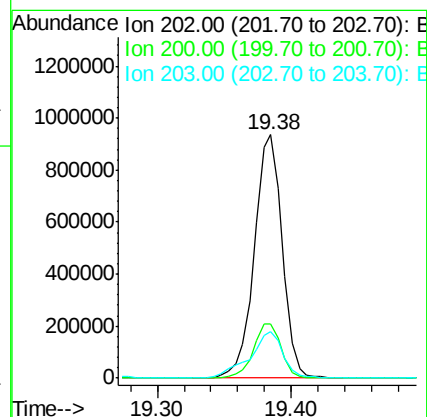
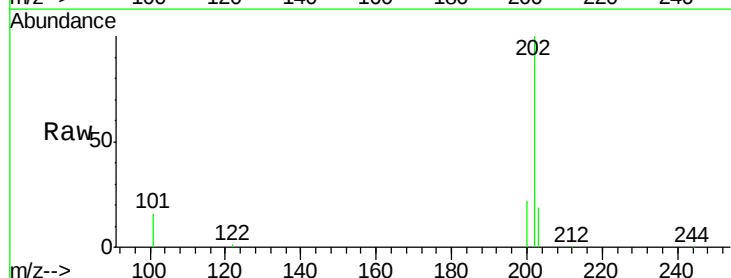
Tgt Ion:202 Resp: 1354634

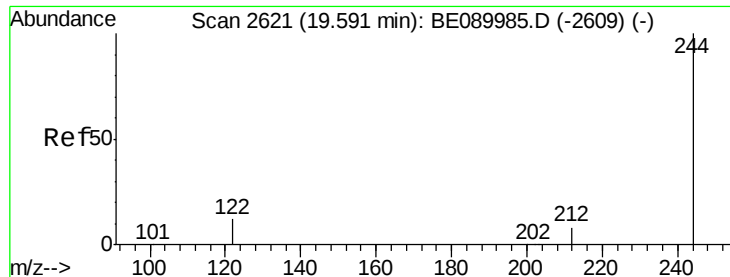
Ion Ratio Lower Upper

202 100

200 22.4 16.8 25.2

203 22.7 13.9 20.9#

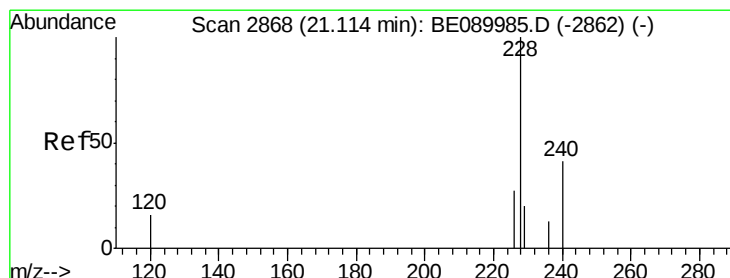
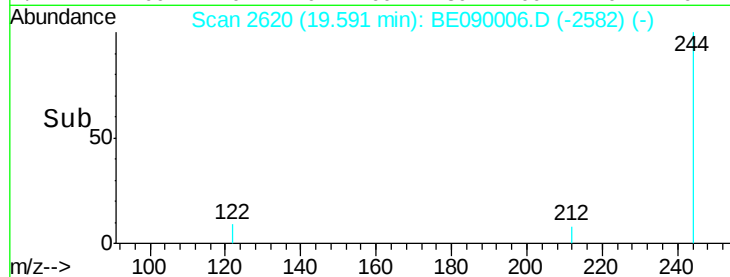
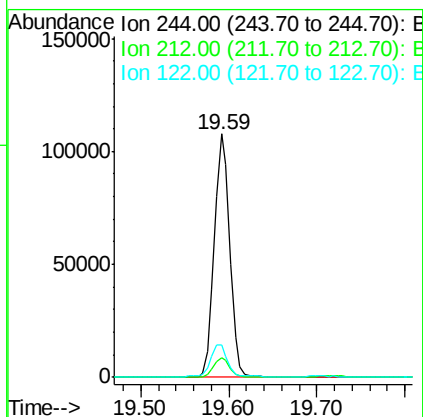
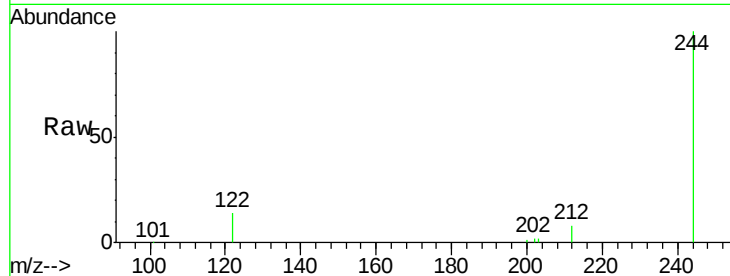




#27
 Terphenyl-d14
 Concen: 5.38 ng
 RT: 19.59 min Scan# 2620
 Delta R.T. 0.00 min
 Lab File: BE090006.D
 Acq: 30 Jun 2015 7:07

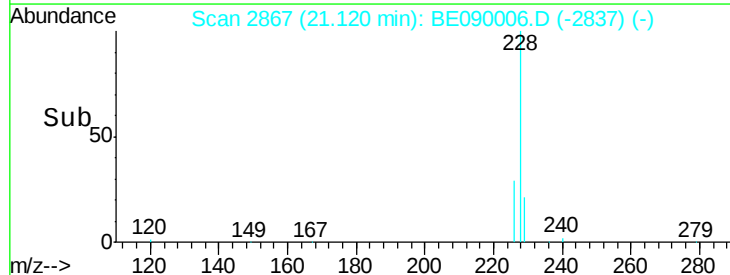
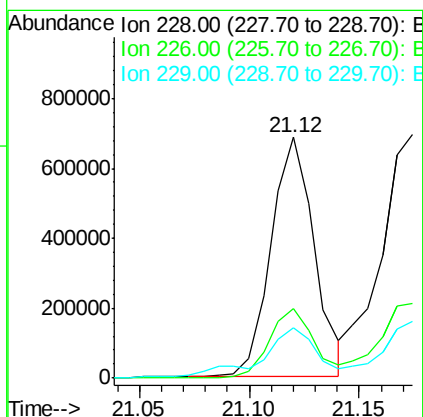
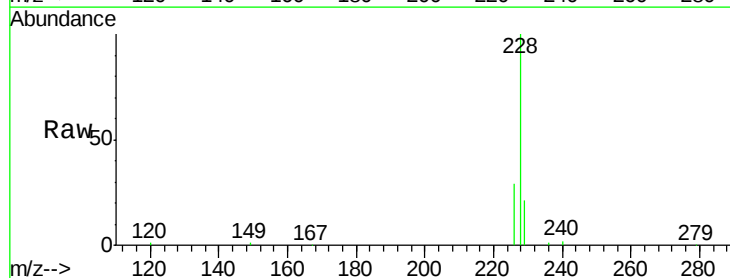
Instrument :
 BNA_E
 ClientSampleId :
 X1SS0520006-150625

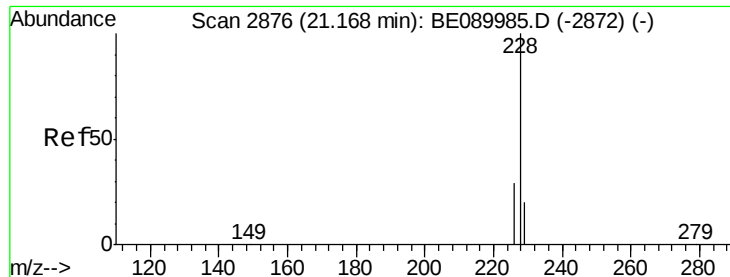
Tgt Ion:244 Resp: 131145
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.6 9.8
 122 13.6 9.8 14.8



#28
 Benzo(a)anthracene
 Concen: 25.78 ng
 RT: 21.12 min Scan# 2867
 Delta R.T. 0.01 min
 Lab File: BE090006.D
 Acq: 30 Jun 2015 7:07

Tgt Ion:228 Resp: 941350
 Ion Ratio Lower Upper
 228 100
 226 29.0 21.8 32.6
 229 21.1 15.8 23.6





#29

Chrysene

Concen: 27.69 ng

RT: 21.17 min Scan# 2875

Delta R.T. 0.01 min

Lab File: BE090006.D

Acq: 30 Jun 2015 7:07

Instrument :

BNA_E

ClientSampleId :

X1SS0520006-150625

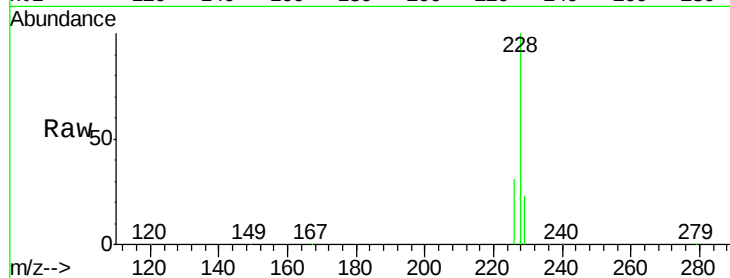
Tgt Ion:228 Resp: 1049809

Ion Ratio Lower Upper

228 100

226 30.9 23.4 35.0

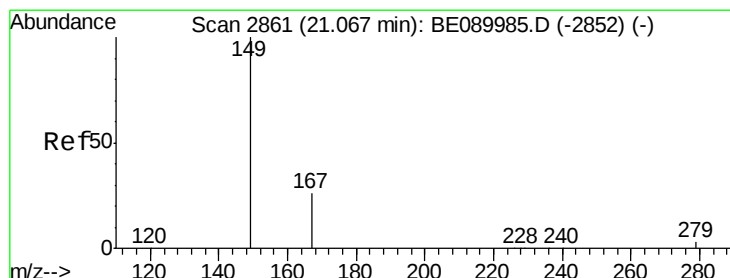
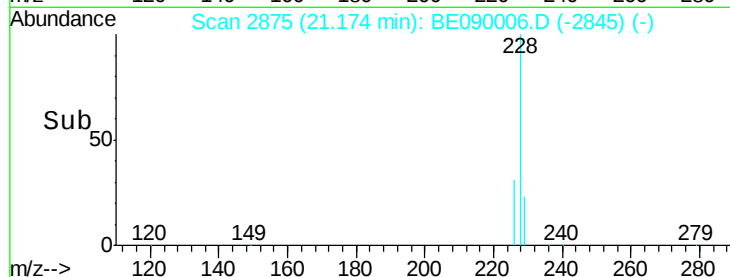
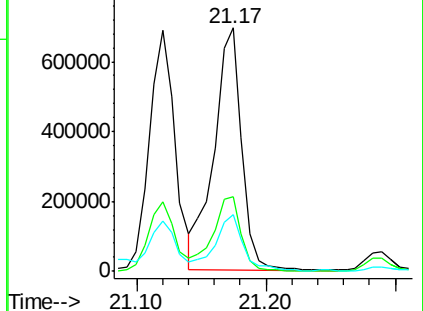
229 23.1 16.2 24.2



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

Bis(2-ethylhexyl)phthalate

Concen: 0.48 ng

RT: 21.07 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BE090006.D

Acq: 30 Jun 2015 7:07

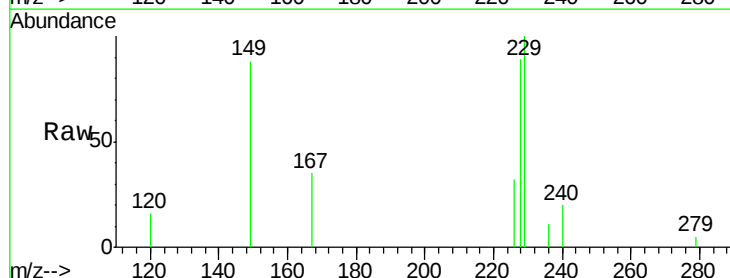
Tgt Ion:149 Resp: 3161

Ion Ratio Lower Upper

149 100

167 25.5 20.3 30.5

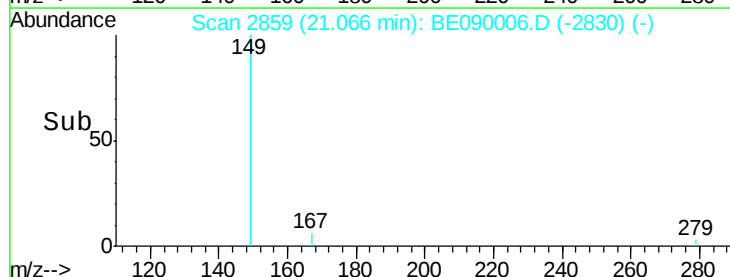
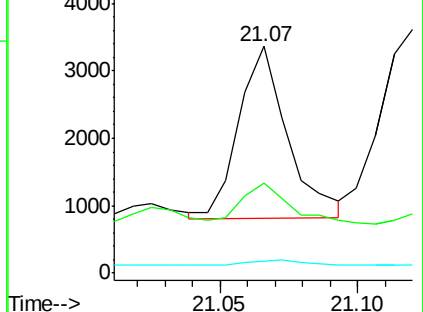
279 3.4 2.6 3.8

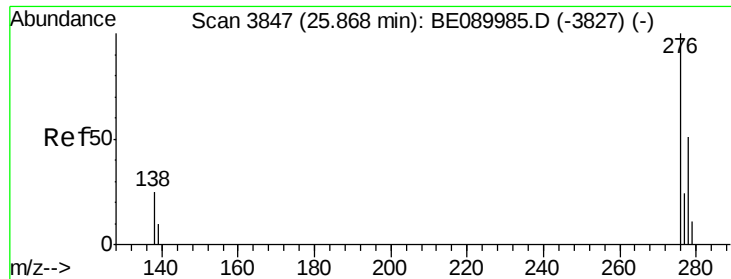


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#31

Indeno(1,2,3-cd)pyrene

Concen: 17.99 ng

RT: 25.89 min Scan# 3850

Delta R.T. 0.02 min

Lab File: BE090006.D

Acq: 30 Jun 2015 7:07

Instrument :

BNA_E

ClientSampleId :

X1SS0520006-150625

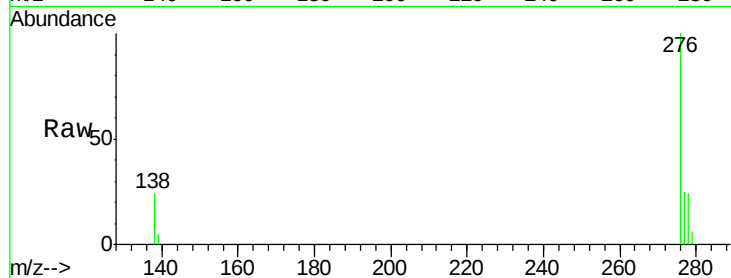
Tgt Ion:276 Resp: 653809

Ion Ratio Lower Upper

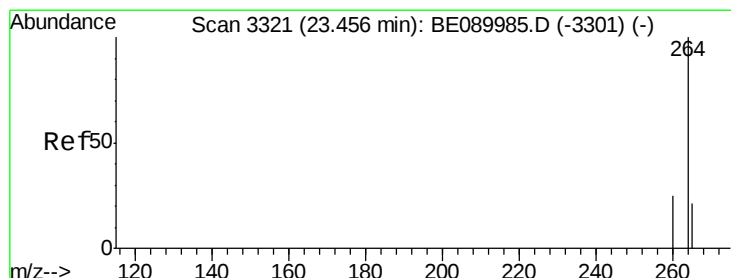
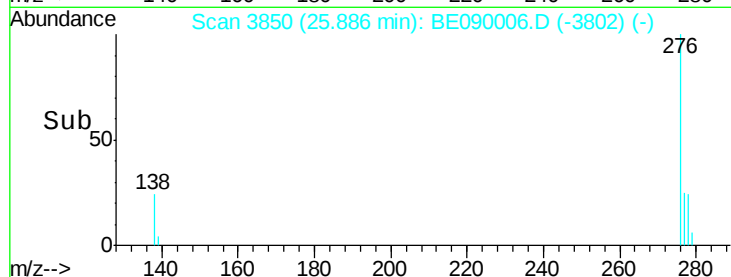
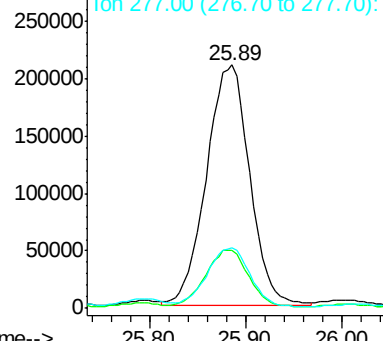
276 100

138 23.5 21.3 31.9

277 24.1 19.7 29.5



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



#32

Perylene-d12

Concen: 5.00 ng

RT: 23.46 min Scan# 3321

Delta R.T. 0.01 min

Lab File: BE090006.D

Acq: 30 Jun 2015 7:07

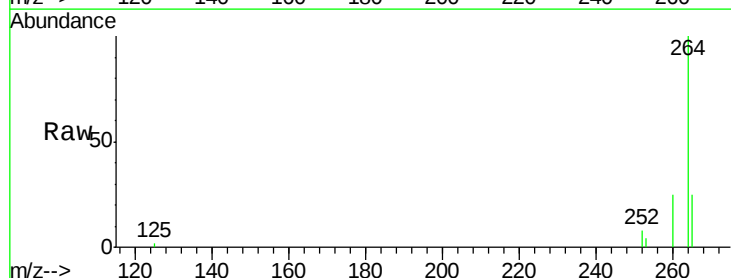
Tgt Ion:264 Resp: 142674

Ion Ratio Lower Upper

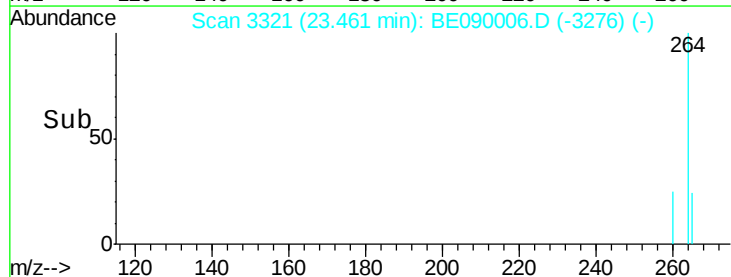
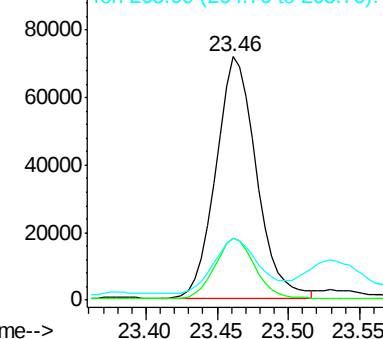
264 100

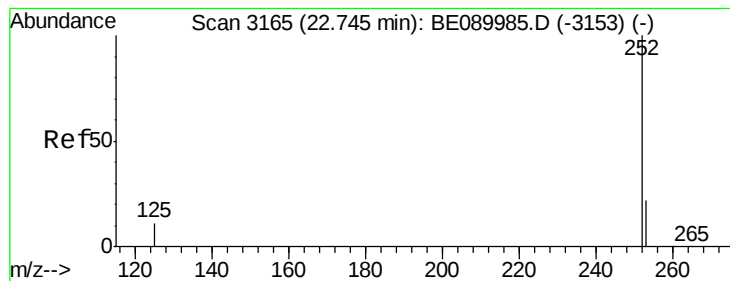
260 25.2 20.2 30.2

265 25.4 17.1 25.7



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#33

Benzo(b)fluoranthene

Concen: 41.90 ng

RT: 22.76 min Scan# 3167

Delta R.T. 0.01 min

Lab File: BE090006.D

Acq: 30 Jun 2015 7:07

Instrument :

BNA_E

ClientSampleId :

X1SS0520006-150625

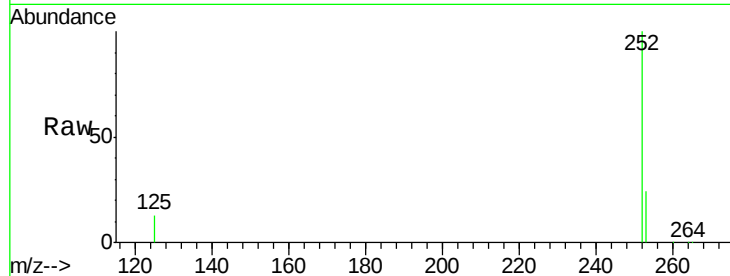
Tgt Ion:252 Resp: 1318675

Ion Ratio Lower Upper

252 100

253 23.7 17.8 26.8

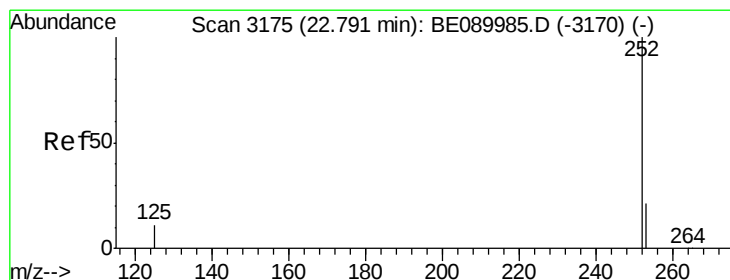
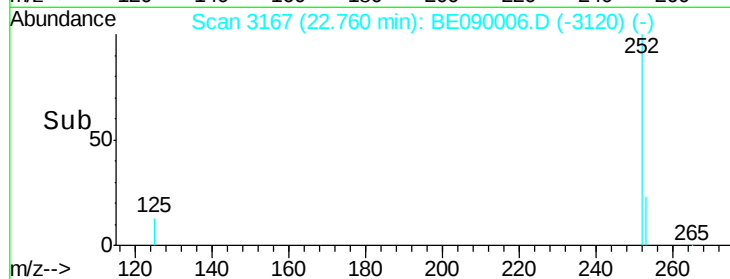
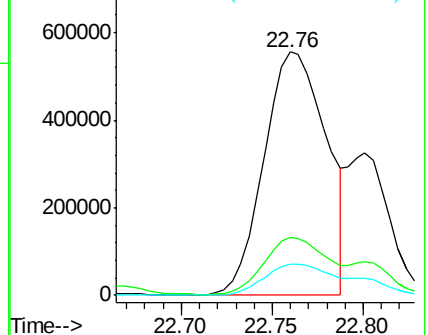
125 12.7 9.0 13.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#34

Benzo(k)fluoranthene

Concen: 37.50 ng

RT: 22.76 min Scan# 3167

Delta R.T. -0.03 min

Lab File: BE090006.D

Acq: 30 Jun 2015 7:07

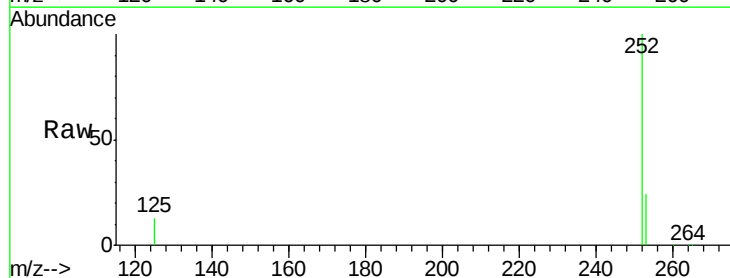
Tgt Ion:252 Resp: 1318675

Ion Ratio Lower Upper

252 100

253 23.7 17.5 26.3

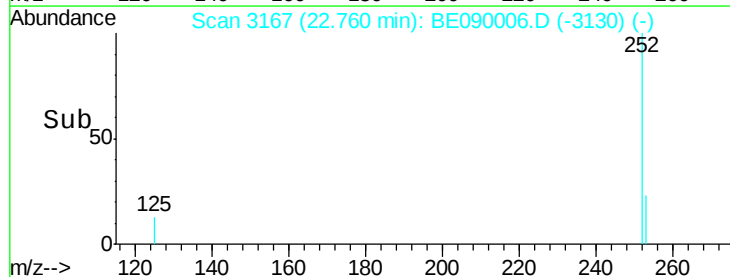
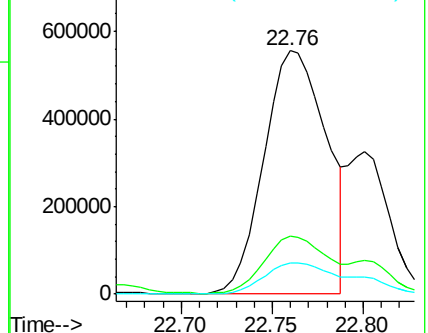
125 12.7 9.5 14.3

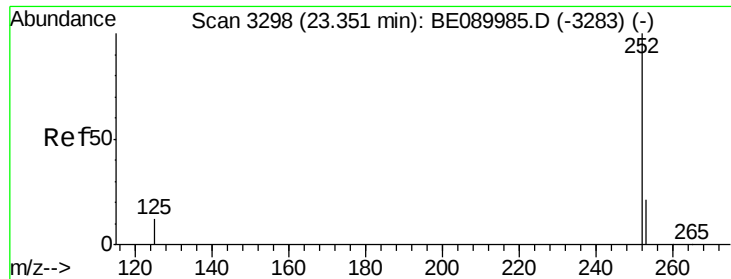


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Benzo(a)pyrene

Concen: 32.35 ng

RT: 23.36 min Scan# 3299

Delta R.T. 0.01 min

Lab File: BE090006.D

Acq: 30 Jun 2015 7:07

Instrument :

BNA_E

ClientSampleId :

X1SS0520006-150625

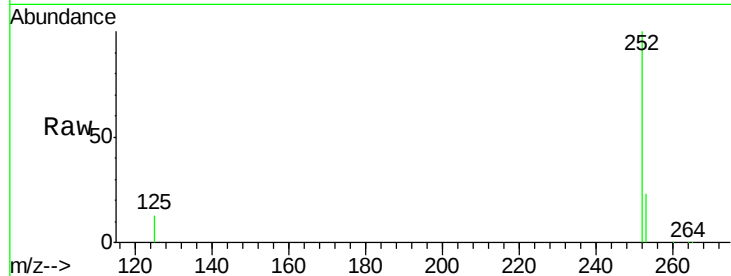
Tgt Ion:252 Resp: 940314

Ion Ratio Lower Upper

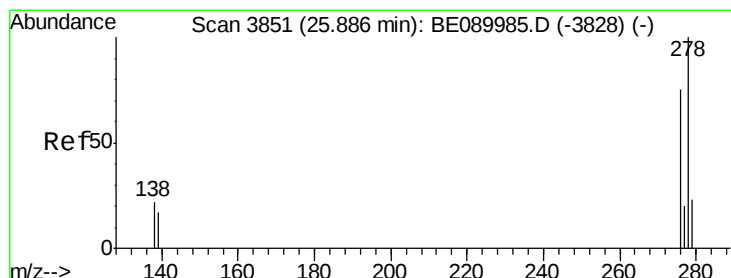
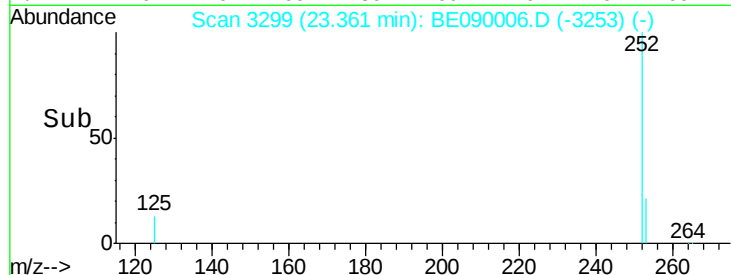
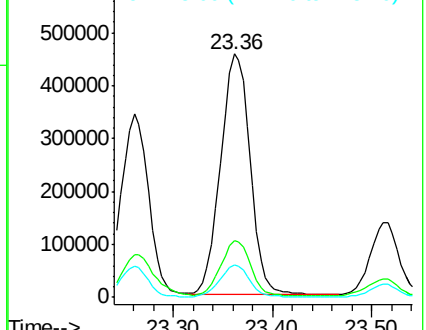
252 100

253 23.3 17.4 26.2

125 13.2 10.5 15.7



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#36

Dibenzo(a,h)anthracene

Concen: 5.62 ng

RT: 25.89 min Scan# 3851

Delta R.T. 0.00 min

Lab File: BE090006.D

Acq: 30 Jun 2015 7:07

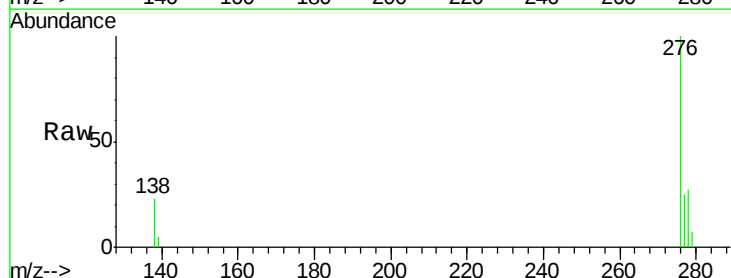
Tgt Ion:278 Resp: 167662

Ion Ratio Lower Upper

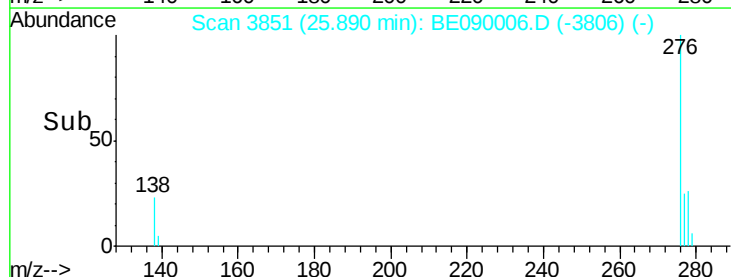
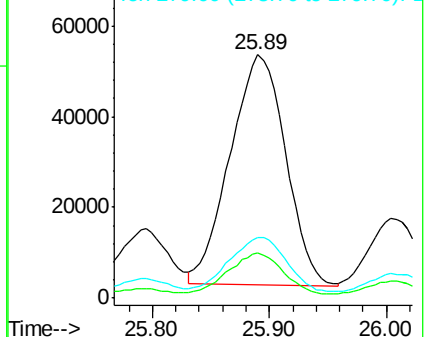
278 100

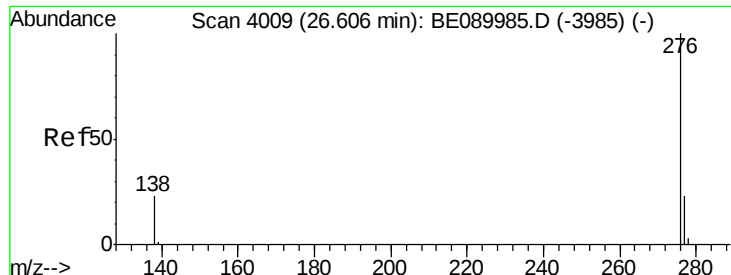
139 18.6 14.4 21.6

279 25.1 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#37

Benzo(g,h,i)perylene

Concen: 21.53 ng

RT: 26.63 min Scan# 4014

Delta R.T. 0.03 min

Lab File: BE090006.D

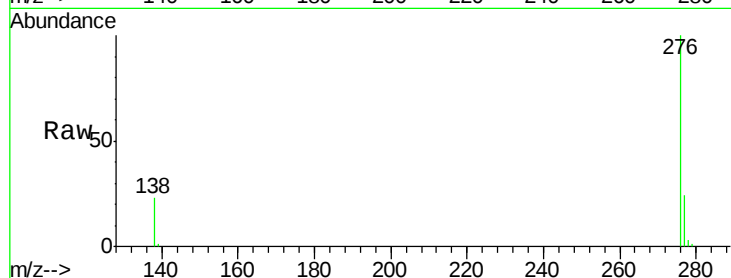
Acq: 30 Jun 2015 7:07

Instrument :

BNA_E

ClientSampleId :

X1SS0520006-150625



Tgt Ion: 276 Resp: 651181

Ion Ratio Lower Upper

276 100

277 24.3 18.8 28.2

138 23.3 18.6 27.8

