

Data Path : Z:\HPCHEM1\BNA E\DATA\BE082515\
 Data File : BE090610.D
 Acq On : 25 Aug 2015 12:23
 Operator : UM/IZ
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 26 03:25:40 2015
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE081415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 14 16:52:42 2015
 Response via : Initial Calibration

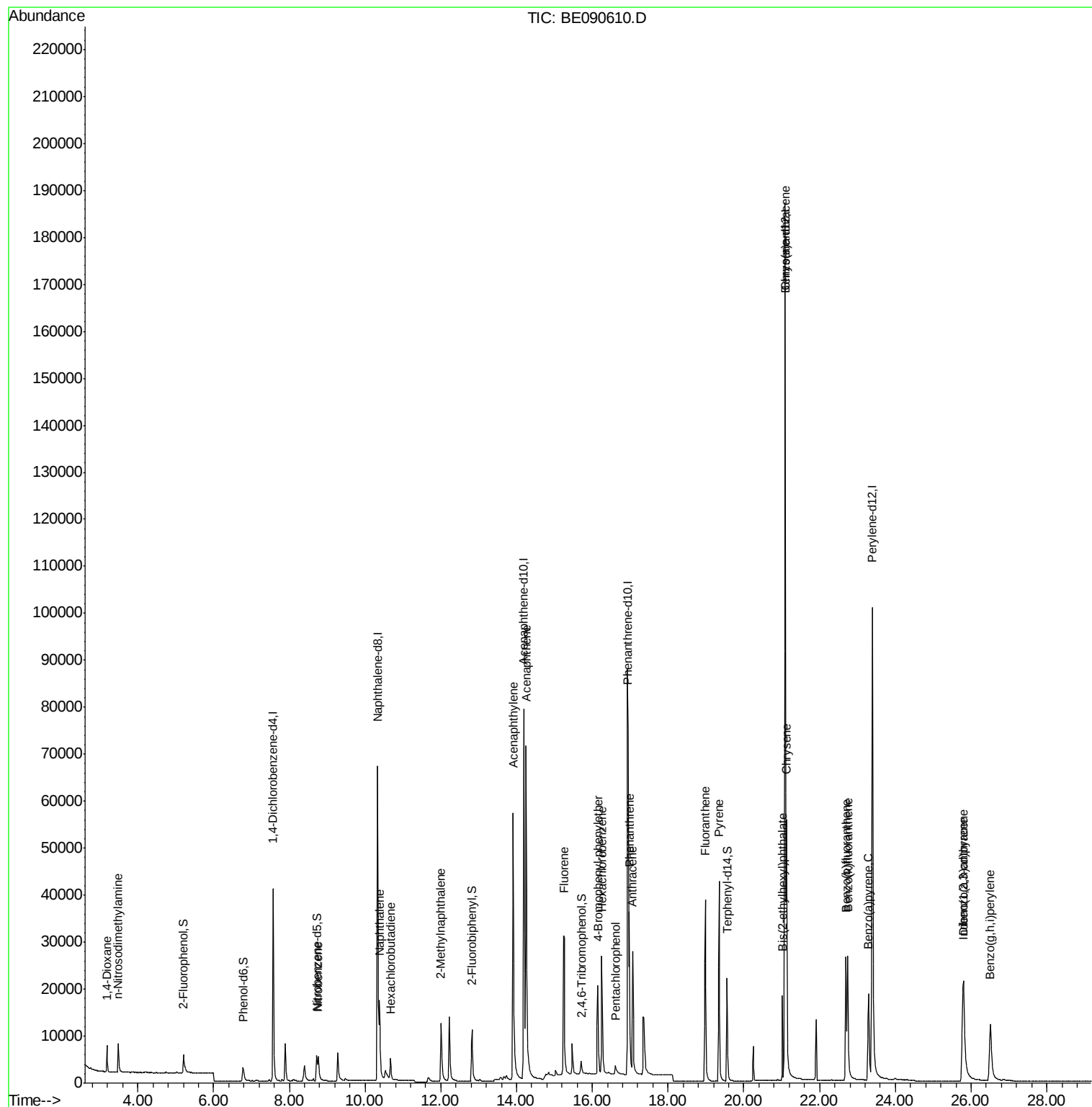
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	22391	5.00	ng	0.00
6) Naphthalene-d8	10.33	136	102359	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	59587	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	153590	5.00	ng	0.00
25) Chrysene-d12	21.09	240	179494	5.00	ng	0.00
32) Perylene-d12	23.39	264	159693	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	4946	0.76	ng	0.00
5) Phenol-d6	6.78	99	6894	0.72	ng	0.00
7) Nitrobenzene-d5	8.73	82	7581	0.93	ng	0.00
13) 2,4,6-Tribromophenol	15.71	330	1908	0.83	ng	0.00
14) 2-Fluorobiphenyl	12.82	172	16755	0.94	ng	0.00
27) Terphenyl-d14	19.55	244	29348	0.89	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	3576	1.35	ng	88
3) n-Nitrosodimethylamine	3.48	42	3948	1.02	ng	# 81
8) Nitrobenzene	8.77	77	7601	0.90	ng	99
9) Naphthalene	10.38	128	22835	0.98	ng	98
10) Hexachlorobutadiene	10.67	225	3492	1.02	ng	100
11) 2-Methylnaphthalene	12.01	142	14396	0.95	ng	96
15) Acenaphthylene	13.91	152	102330	0.94	ng	100
16) Acenaphthene	14.25	154	15793	0.96	ng	82
17) Fluorene	15.26	166	21082	1.05	ng	98
19) 4-Bromophenyl-phenylether	16.14	248	5548	0.88	ng	# 73
20) Hexachlorobenzene	16.25	284	27177	0.98	ng	96
21) Pentachlorophenol	16.61	266	1773	0.80	ng	95
22) Phenanthrene	16.98	178	38313	0.95	ng	99
23) Anthracene	17.07	178	35129	0.95	ng	100
24) Fluoranthene	18.98	202	43671	1.02	ng	99
26) Pyrene	19.34	202	46200	0.90	ng	100
28) Benzo(a)anthracene	21.08	228	44325	0.94	ng	99
29) Chrysene	21.13	228	47946	0.99	ng	99
30) Bis(2-ethylhexyl)phthalate	21.02	149	16159	0.70	ng	99
31) Indeno(1,2,3-cd)pyrene	25.78	276	40645	0.89	ng	# 92
33) Benzo(b)fluoranthene	22.69	252	37366	0.99	ng	98
34) Benzo(k)fluoranthene	22.74	252	42627	0.99	ng	98
35) Benzo(a)pyrene	23.29	252	33586	0.95	ng	# 97
36) Dibenzo(a,h)anthracene	25.80	278	30714	0.90	ng	96
37) Benzo(g,h,i)perylene	26.51	276	34661	0.93	ng	96

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

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ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Aug 26 03:25:40 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE081415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 14 16:52:42 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.57 min Scan# 843

Delta R.T. -0.01 min

Lab File: BE090610.D

Acq: 25 Aug 2015 12:23

Instrument :

BNA_E

ClientSampleId :

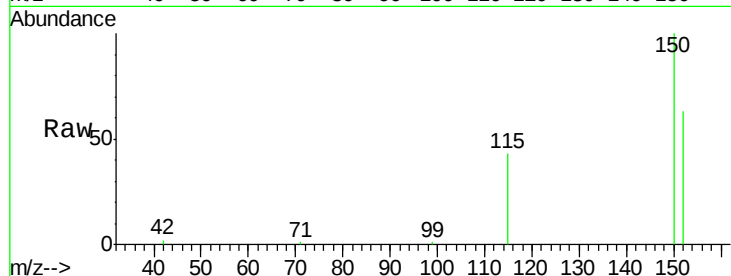
Tot Ion:152 Resp: 22391

Ion Ratio Lower Upper

152 100

150 158.9 123.0 184.4

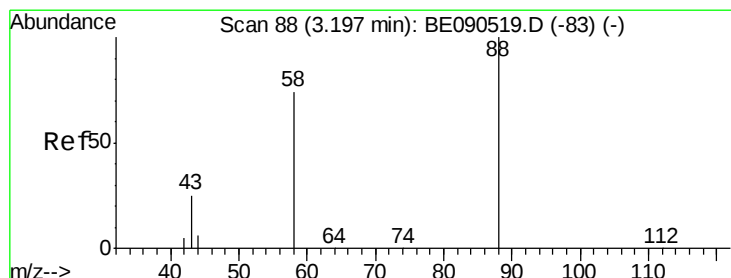
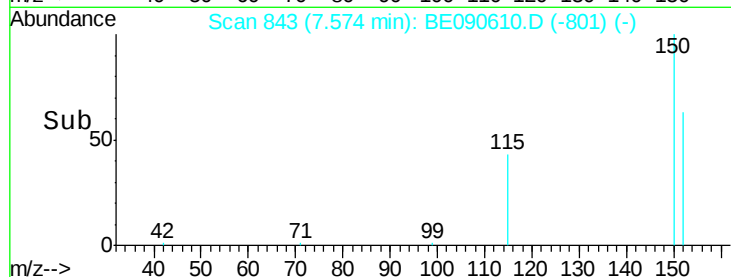
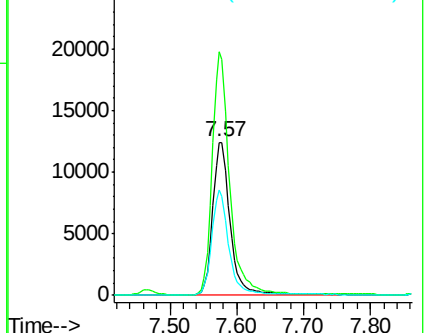
115 68.4 48.9 73.3



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: 1.35 ng

RT: 3.19 min Scan# 87

Delta R.T. -0.01 min

Lab File: BE090610.D

Acq: 25 Aug 2015 12:23

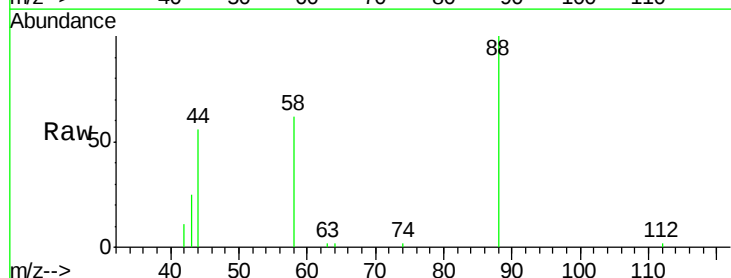
Tgt Ion: 88 Resp: 3576

Ion Ratio Lower Upper

88 100

58 75.8 70.0 105.0

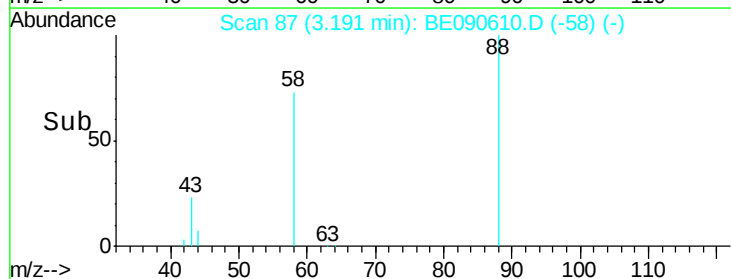
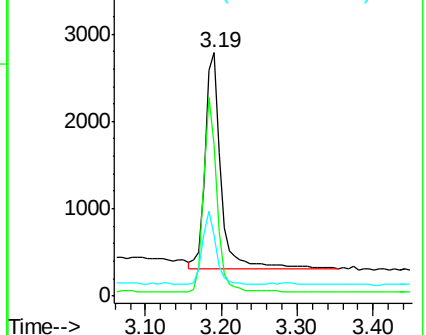
43 29.5 28.4 42.6



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



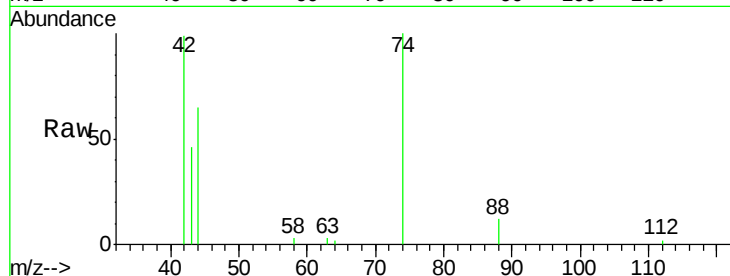


#3

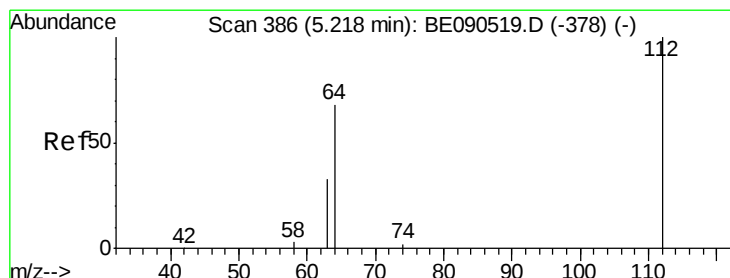
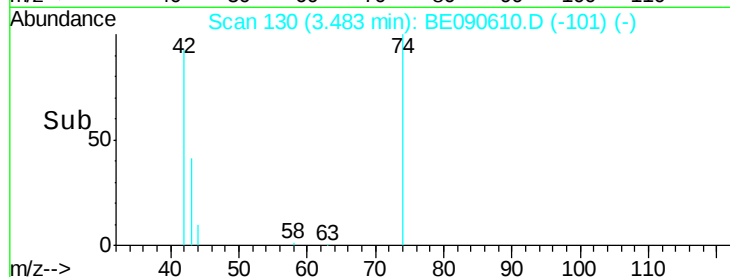
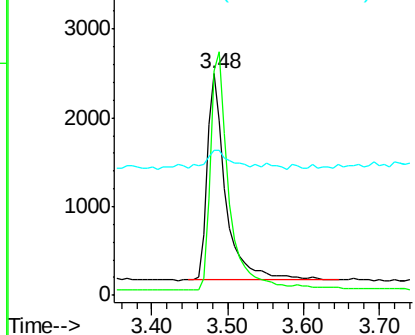
n-Nitrosodimethylamine
 Concen: 1.02 ng
 RT: 3.48 min Scan# 130
 Delta R.T. -0.01 min
 Lab File: BE090610.D
 Acq: 25 Aug 2015 12:23

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion: 42 Resp: 3948
 Ion Ratio Lower Upper
 42 100
 74 114.7 75.2 112.8#
 44 10.6 8.7 13.1



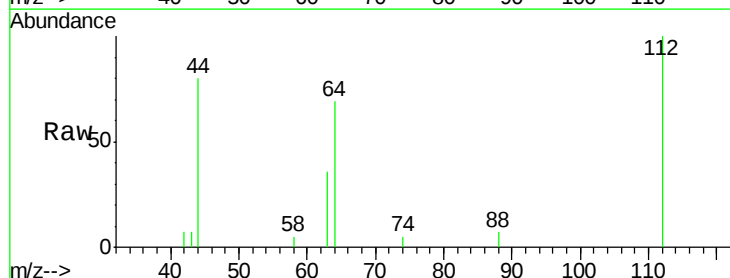
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



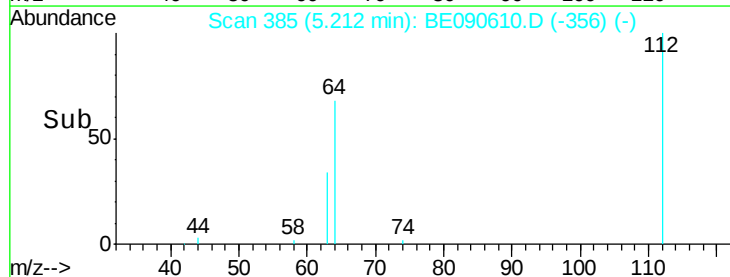
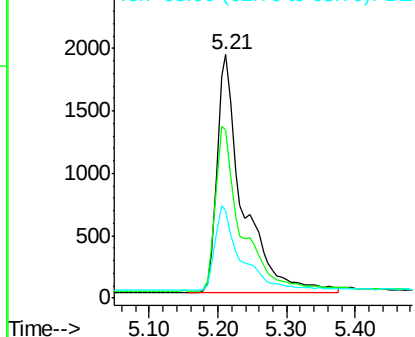
#4

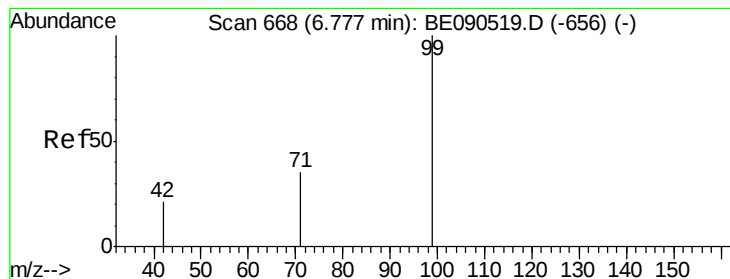
2-Fluorophenol
 Concen: 0.76 ng
 RT: 5.21 min Scan# 385
 Delta R.T. -0.01 min
 Lab File: BE090610.D
 Acq: 25 Aug 2015 12:23

Tgt Ion: 112 Resp: 4946
 Ion Ratio Lower Upper
 112 100
 64 70.1 37.1 55.7#
 63 36.6 19.5 29.3#



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: 0.72 ng

RT: 6.78 min Scan# 668

Delta R.T. -0.00 min

Lab File: BE090610.D

Acq: 25 Aug 2015 12:23

Instrument :

BNA_E

ClientSampled :

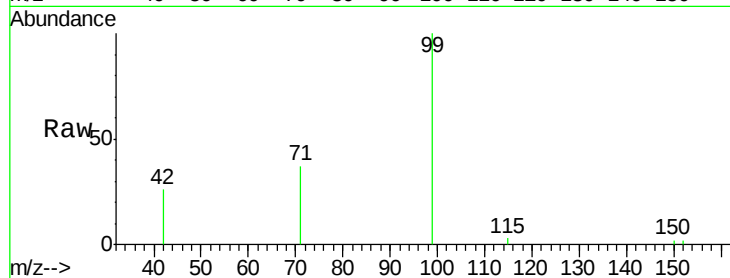
Tot Ion: 99 Resp: 6894

Ion Ratio Lower Upper

99 100

42 21.1 18.2 27.4

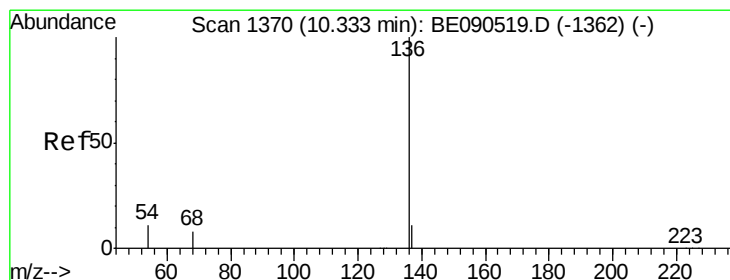
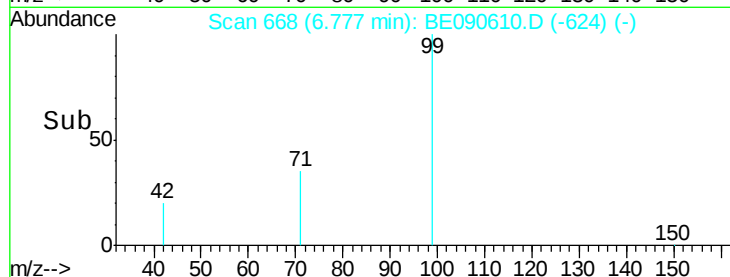
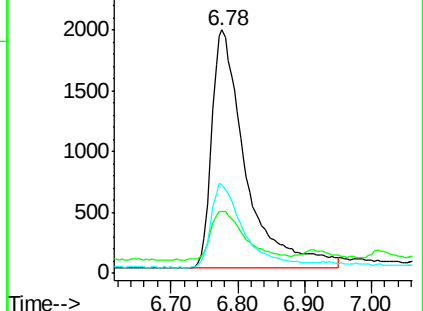
71 34.1 27.4 41.0



Abundance Ion 99.00 (98.70 to 99.70): BE090610.D (-624) (-)

Ion 42.00 (41.70 to 42.70): BE090610.D (-624) (-)

Ion 71.00 (70.70 to 71.70): BE090610.D (-624) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.33 min Scan# 1370

Delta R.T. -0.00 min

Lab File: BE090610.D

Acq: 25 Aug 2015 12:23

Tgt Ion: 136 Resp: 102359

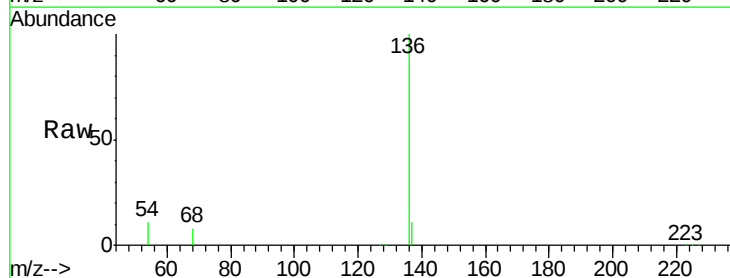
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 11.1 9.4 14.0

68 8.0 6.5 9.7

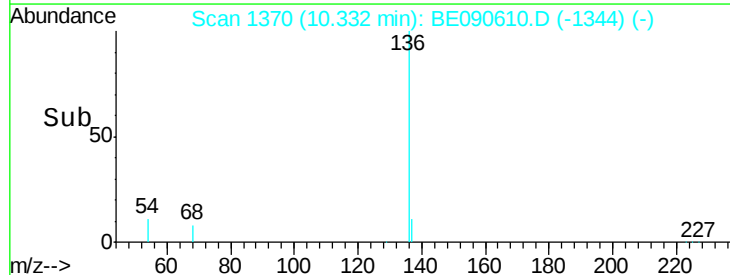
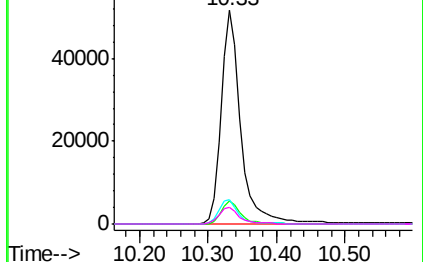


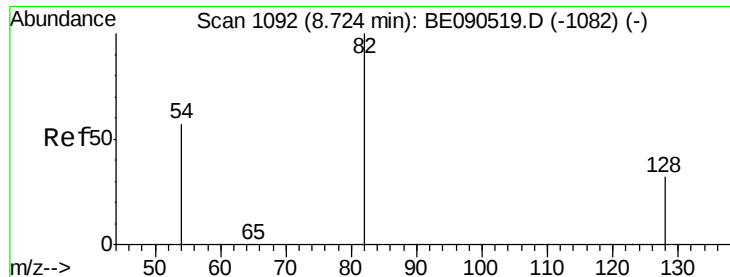
Abundance Ion 136.00 (135.70 to 136.70): BE090610.D (-1344) (-)

Ion 137.00 (136.70 to 137.70): BE090610.D (-1344) (-)

Ion 54.00 (53.70 to 54.70): BE090610.D (-1344) (-)

Ion 68.00 (67.70 to 68.70): BE090610.D (-1344) (-)





#7

Nitrobenzene-d5

Concen: 0.93 ng

RT: 8.73 min Scan# 1092

Delta R.T. 0.00 min

Lab File: BE090610.D

Acq: 25 Aug 2015 12:23

Instrument :

BNA_E

ClientSampleId :

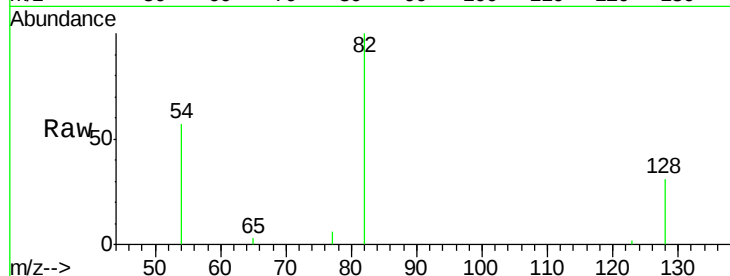
Tot Ion: 82 Resp: 7581

Ion Ratio Lower Upper

82 100

128 31.4 25.0 37.6

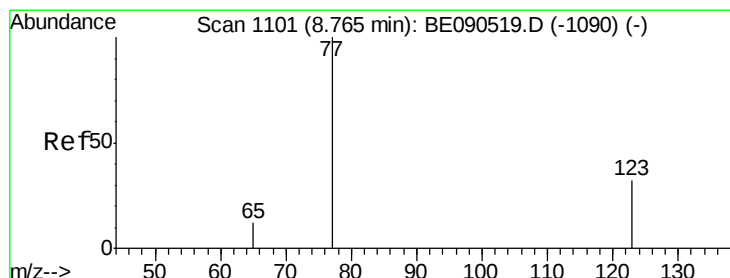
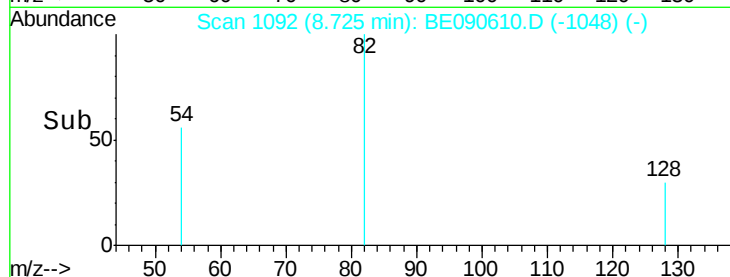
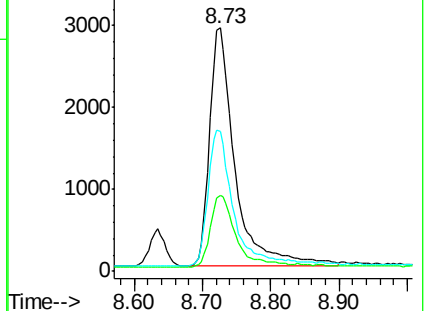
54 57.5 48.8 73.2



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



#8

Nitrobenzene

Concen: 0.90 ng

RT: 8.77 min Scan# 1101

Delta R.T. 0.00 min

Lab File: BE090610.D

Acq: 25 Aug 2015 12:23

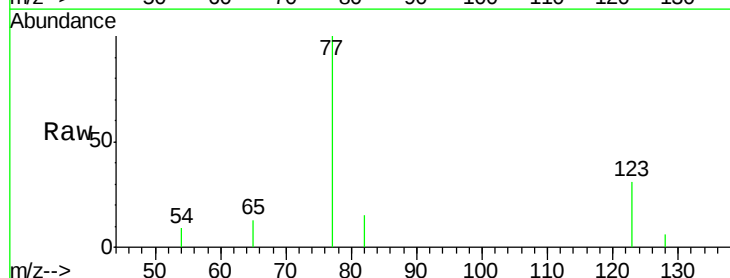
Tgt Ion: 77 Resp: 7601

Ion Ratio Lower Upper

77 100

123 32.0 25.1 37.7

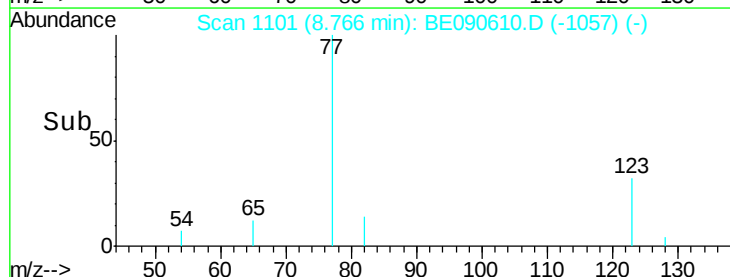
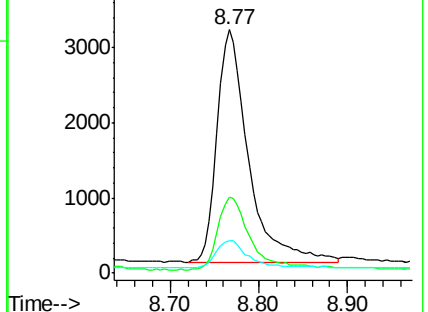
65 12.2 9.3 13.9

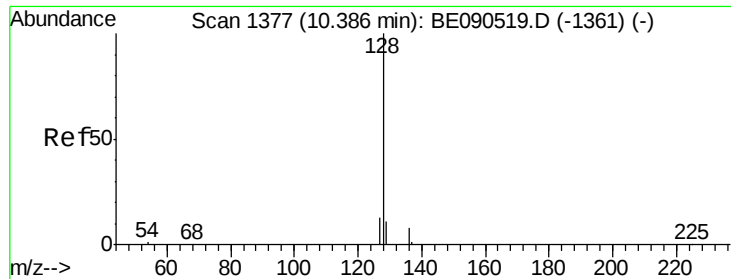


Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0





#9

Naphthalene

Concen: 0.98 ng

RT: 10.38 min Scan# 1376

Delta R.T. -0.01 min

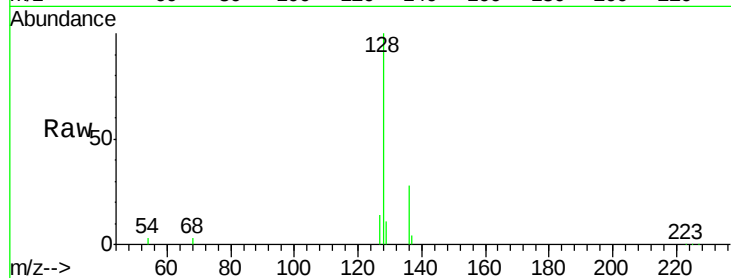
Lab File: BE090610.D

Acq: 25 Aug 2015 12:23

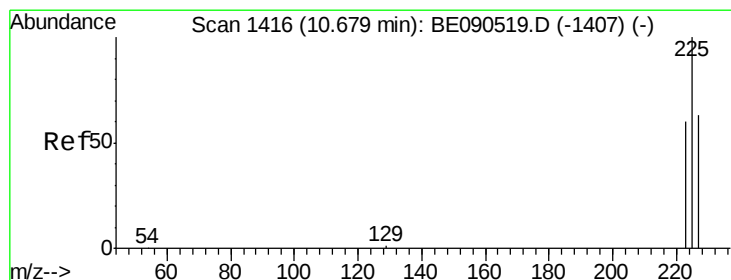
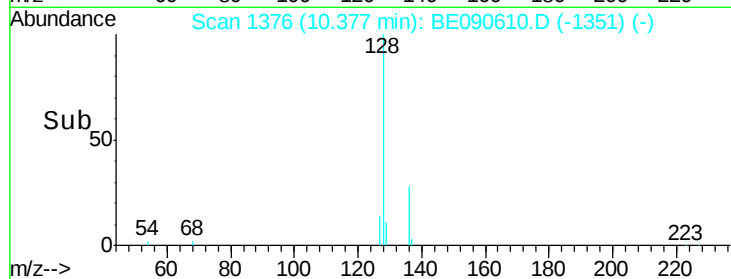
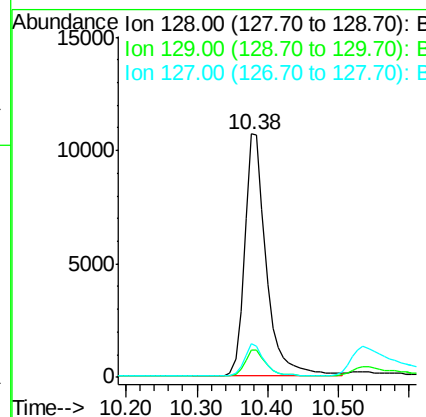
Instrument :

BNA_E

ClientSampled :



Tot Ion:128	Resp:	22835
Ion	Ratio	Lower Upper
128	100	
129	11.2	9.8 14.6
127	13.9	10.6 16.0



#10

Hexachlorobutadiene

Concen: 1.02 ng

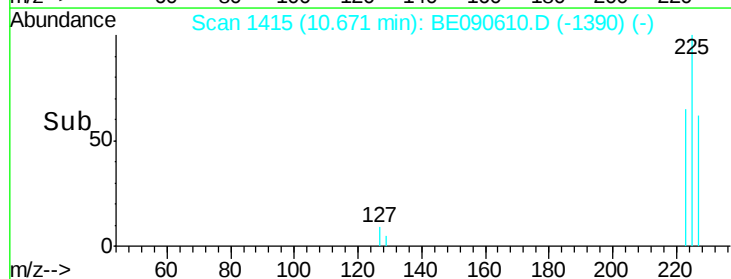
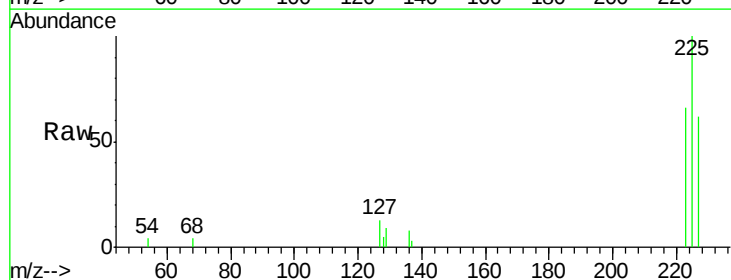
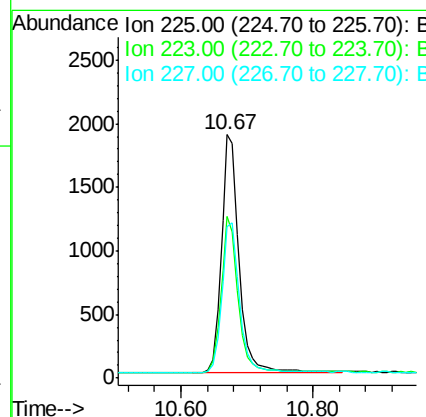
RT: 10.67 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BE090610.D

Acq: 25 Aug 2015 12:23

Tgt Ion:225	Resp:	3492
Ion	Ratio	Lower Upper
225	100	
223	63.3	50.6 75.8
227	62.9	50.7 76.1





#11

2-Methylnaphthalene

Concen: 0.95 ng

RT: 12.01 min Scan# 1650

Delta R.T. 0.00 min

Lab File: BE090610.D

Acq: 25 Aug 2015 12:23

Instrument :

BNA_E

ClientSampleId :

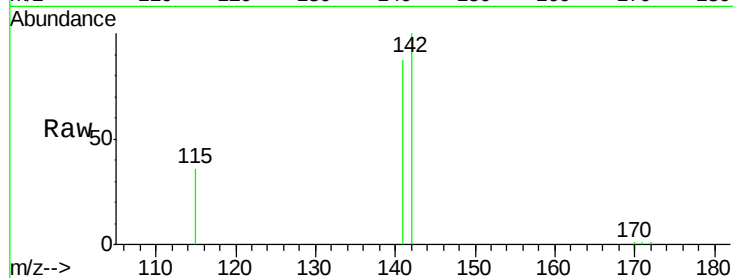
Tot Ion:142 Resp: 14396

Ion Ratio Lower Upper

142 100

141 87.4 72.6 109.0

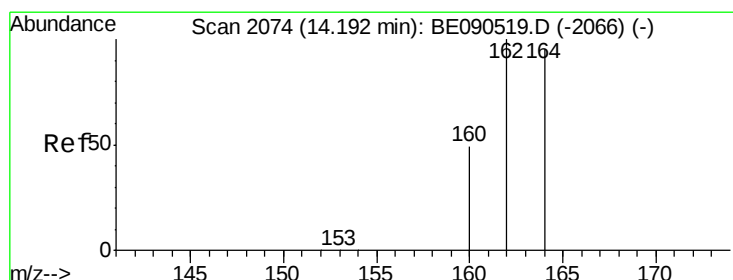
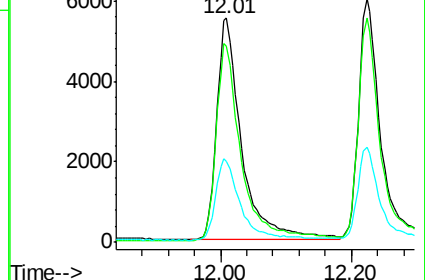
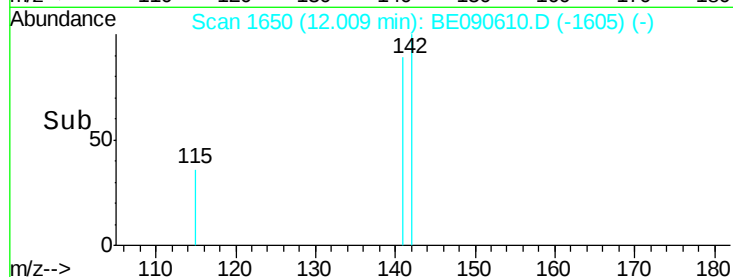
115 36.2 31.6 47.4



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: 14.19 min Scan# 2074

Delta R.T. 0.00 min

Lab File: BE090610.D

Acq: 25 Aug 2015 12:23

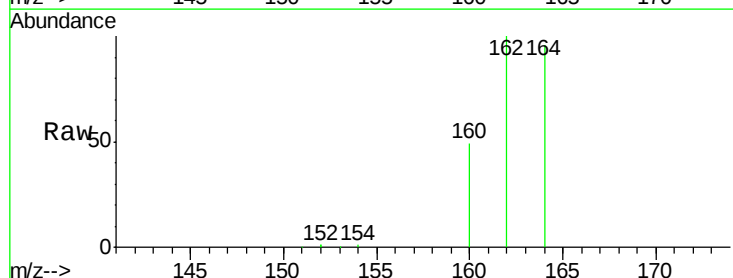
Tgt Ion:164 Resp: 59587

Ion Ratio Lower Upper

164 100

162 103.9 81.8 122.8

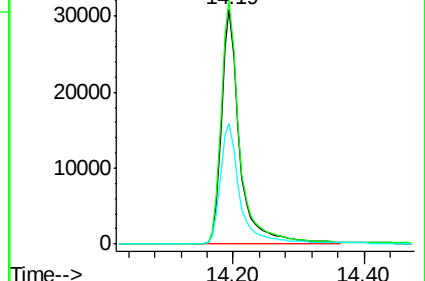
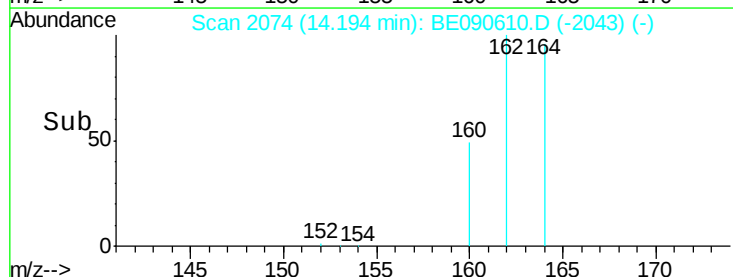
160 51.3 44.2 66.4



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

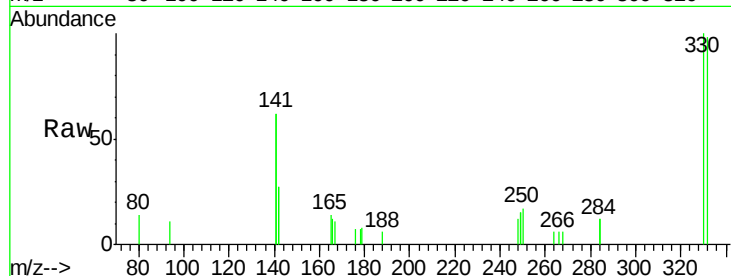




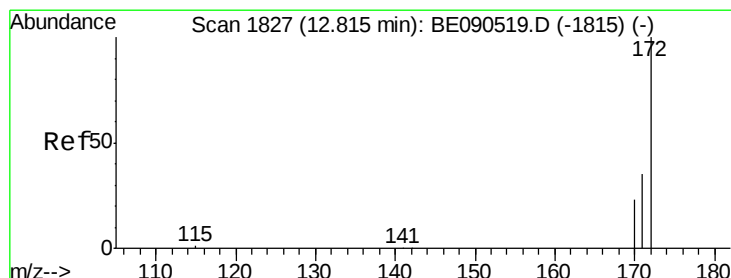
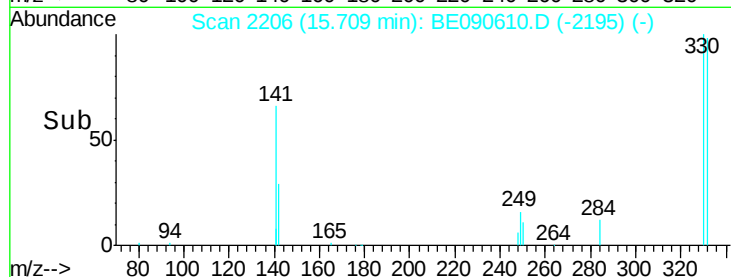
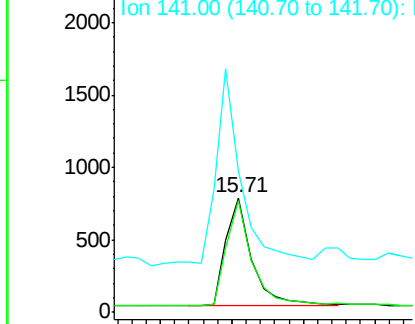
#13
 2,4,6-Tribromophenol
 Concen: 0.83 ng
 RT: 15.71 min Scan# 2206
 Delta R.T. -0.00 min
 Lab File: BE090610.D
 Acq: 25 Aug 2015 12:23

Instrument :
 BNA_E
 ClientSampled :

Tot Ion:330 Resp: 1908
 Ion Ratio Lower Upper
 330 100
 332 96.1 75.8 113.6
 141 166.9 114.4 171.6

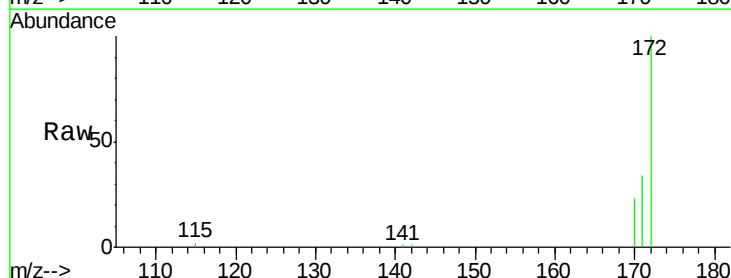


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

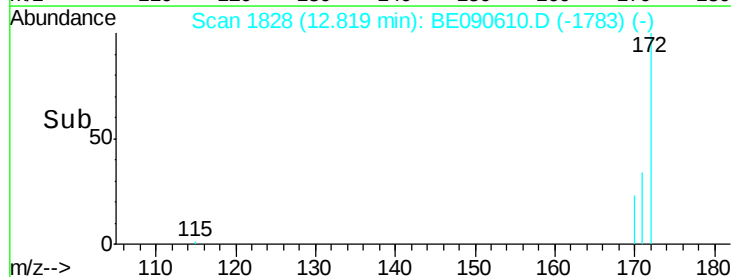
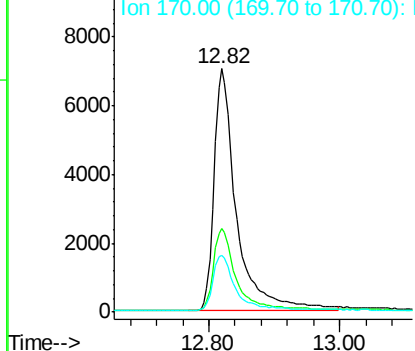


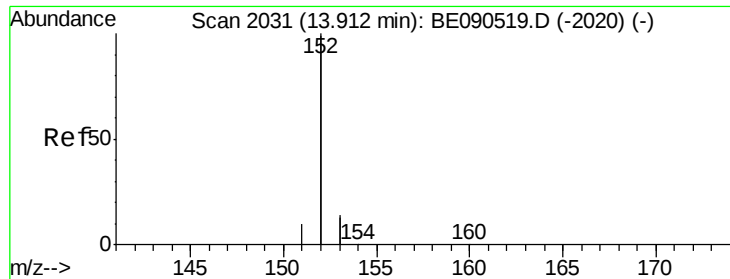
#14
 2-Fluorobiphenyl
 Concen: 0.94 ng
 RT: 12.82 min Scan# 1828
 Delta R.T. 0.00 min
 Lab File: BE090610.D
 Acq: 25 Aug 2015 12:23

Tgt Ion:172 Resp: 16755
 Ion Ratio Lower Upper
 172 100
 171 34.2 28.5 42.7
 170 23.3 19.8 29.8



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





#15

Acenaphthylene

Concen: 0.94 ng

RT: 13.91 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BE090610.D

Acq: 25 Aug 2015 12:23

Instrument :

BNA_E

ClientSampleId :

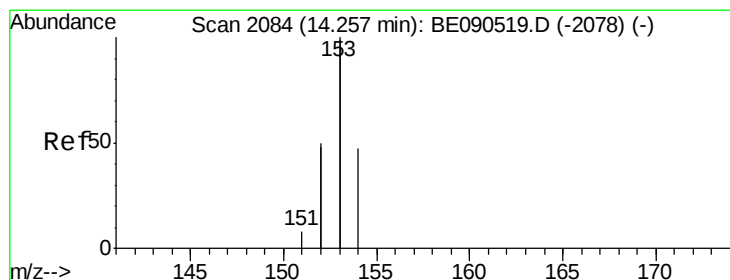
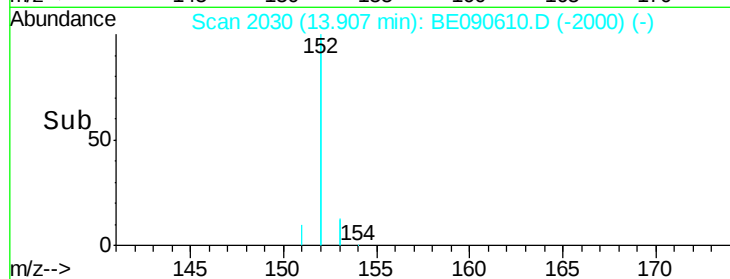
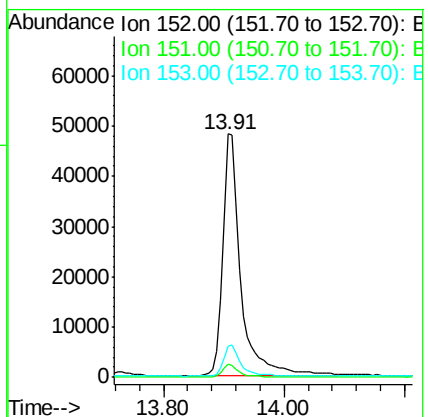
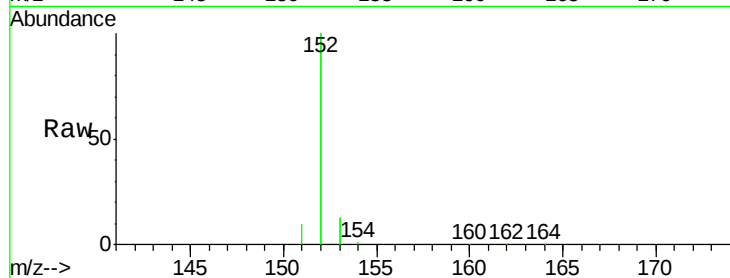
Tot Ion:152 Resp: 102330

Ion Ratio Lower Upper

152 100

151 4.9 3.8 5.8

153 13.0 10.3 15.5



#16

Acenaphthene

Concen: 0.96 ng

RT: 14.25 min Scan# 2083

Delta R.T. -0.01 min

Lab File: BE090610.D

Acq: 25 Aug 2015 12:23

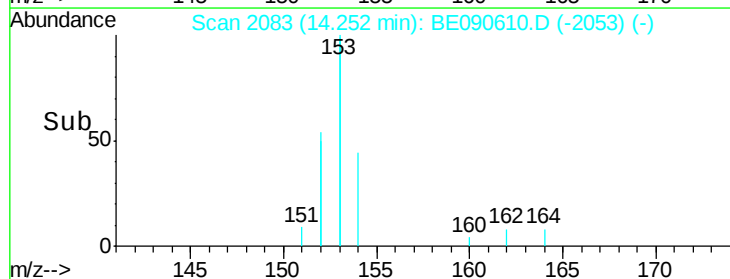
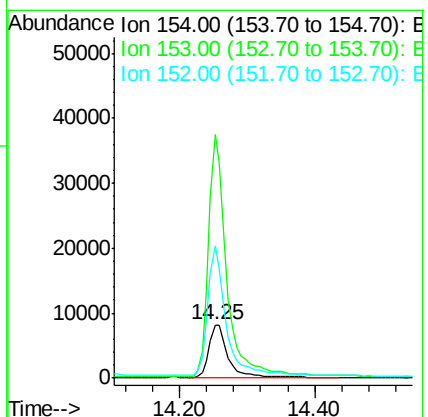
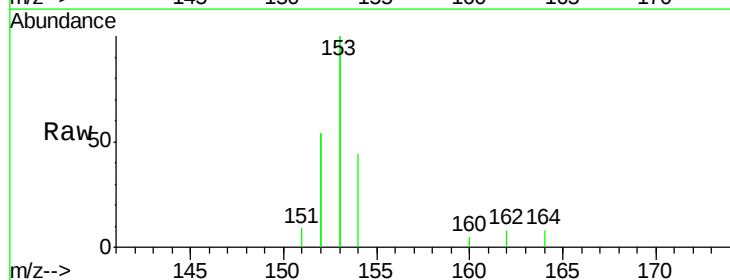
Tgt Ion:154 Resp: 15793

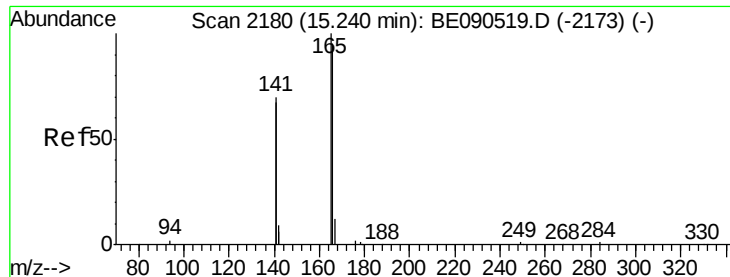
Ion Ratio Lower Upper

154 100

153 444.2 376.2 564.2

152 235.7 235.0 352.4





#17

Fluorene

Concen: 1.05 ng

RT: 15.26 min Scan# 2180

Delta R.T. 0.02 min

Lab File: BE090610.D

Acq: 25 Aug 2015 12:23

Instrument :

BNA_E

ClientSampleId :

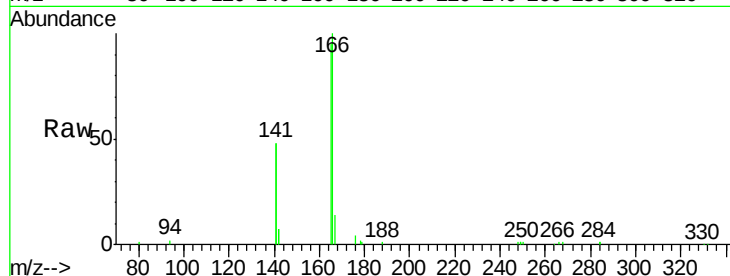
Tot Ion:166 Resp: 21082

Ion Ratio Lower Upper

166 100

165 100.2 81.5 122.3

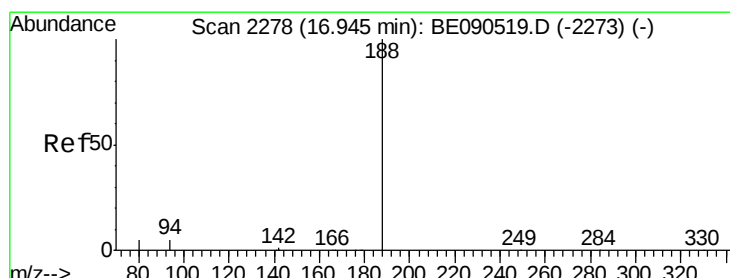
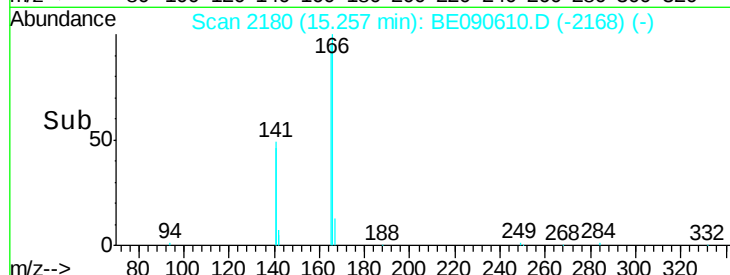
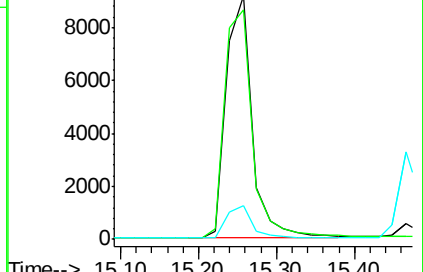
167 13.8 11.4 17.0



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: 16.94 min Scan# 2277

Delta R.T. -0.00 min

Lab File: BE090610.D

Acq: 25 Aug 2015 12:23

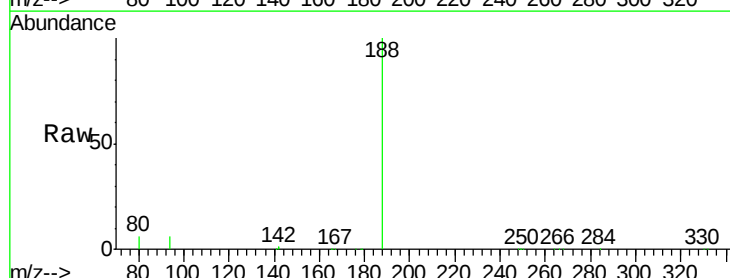
Tgt Ion:188 Resp: 153590

Ion Ratio Lower Upper

188 100

94 6.0 5.7 8.5

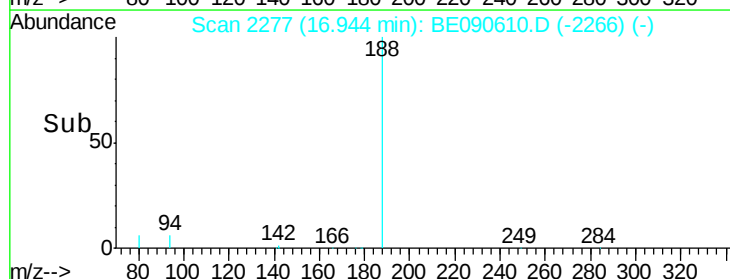
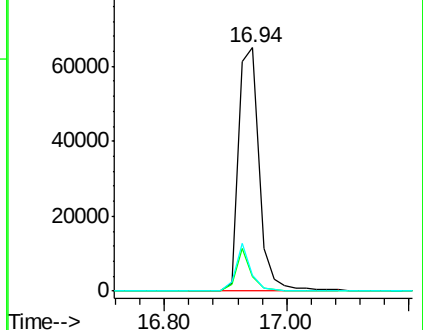
80 6.3 5.8 8.8



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

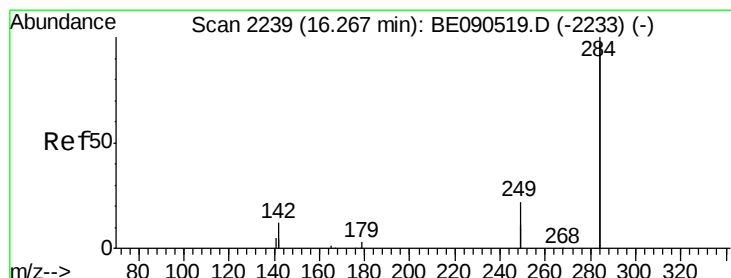
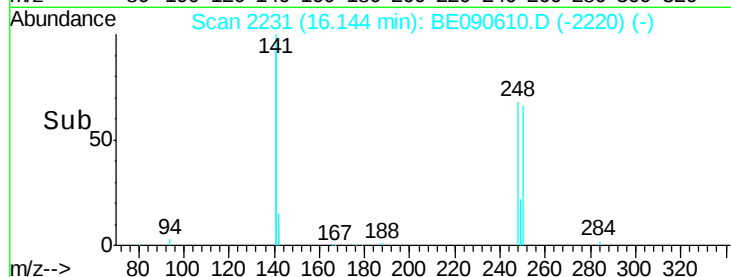
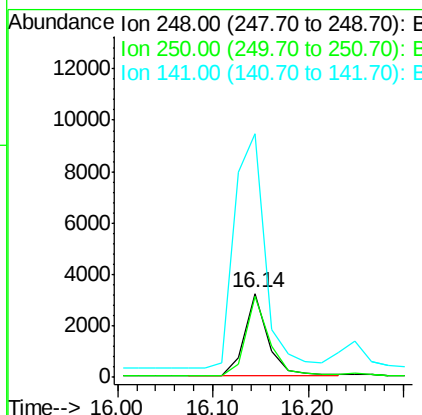
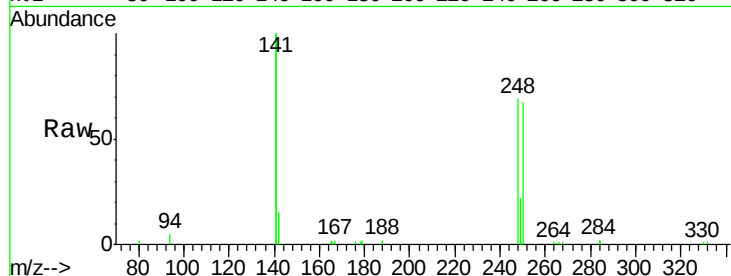




#19
4-Bromophenyl-phenylether
Concen: 0.88 ng
RT: 16.14 min Scan# 2231
Delta R.T. -0.00 min
Lab File: BE090610.D
Acq: 25 Aug 2015 12:23

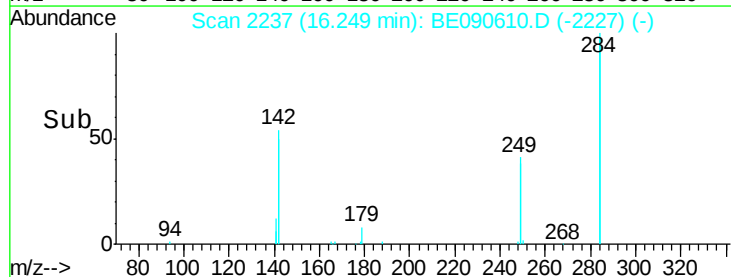
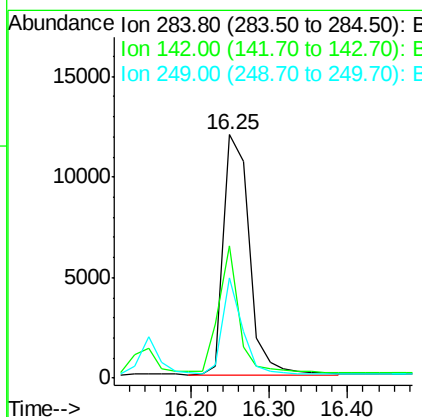
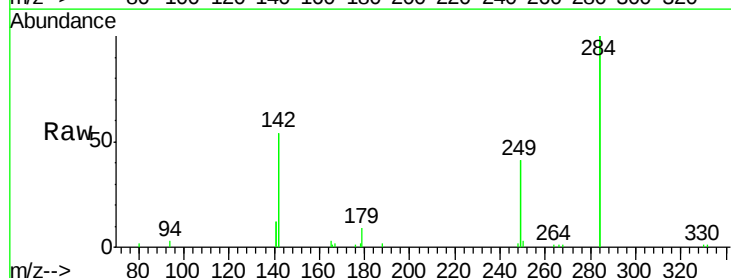
Instrument :
BNA_E
ClientSampleId :

Tot Ion:248 Resp: 5548
Ion Ratio Lower Upper
248 100
250 98.3 79.0 118.6
141 369.2 239.5 359.3#



#20
Hexachlorobenzene
Concen: 0.98 ng
RT: 16.25 min Scan# 2237
Delta R.T. -0.02 min
Lab File: BE090610.D
Acq: 25 Aug 2015 12:23

Tgt Ion:284 Resp: 27177
Ion Ratio Lower Upper
284 100
142 41.0 30.1 45.1
249 30.6 25.7 38.5

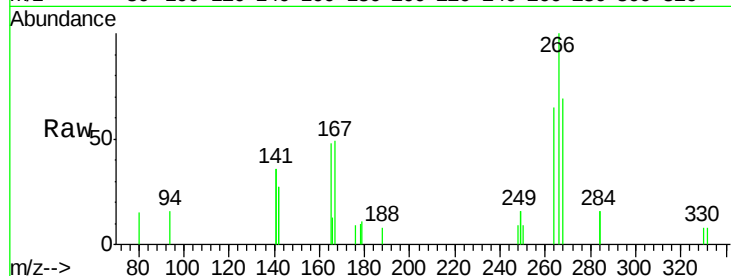




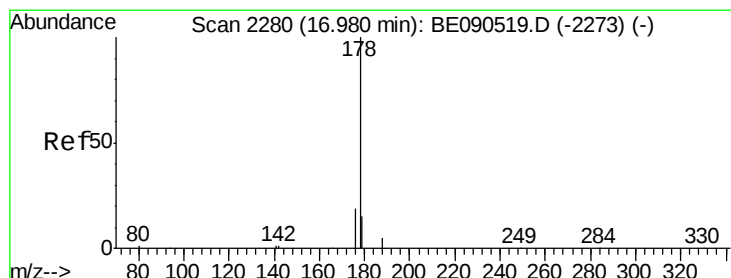
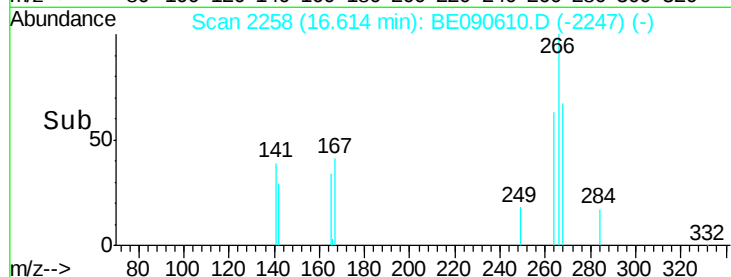
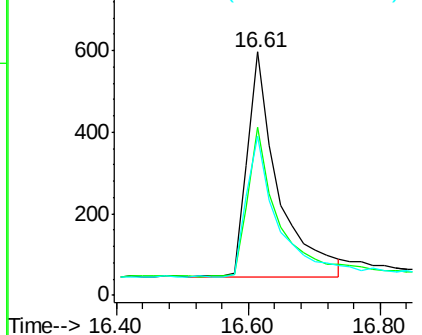
#21
 Pentachlorophenol
 Concen: 0.80 ng
 RT: 16.61 min Scan# 2258
 Delta R.T. -0.00 min
 Lab File: BE090610.D
 Acq: 25 Aug 2015 12:23

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:266 Resp: 1773
 Ion Ratio Lower Upper
 266 100
 268 69.2 58.5 87.7
 264 65.3 56.0 84.0

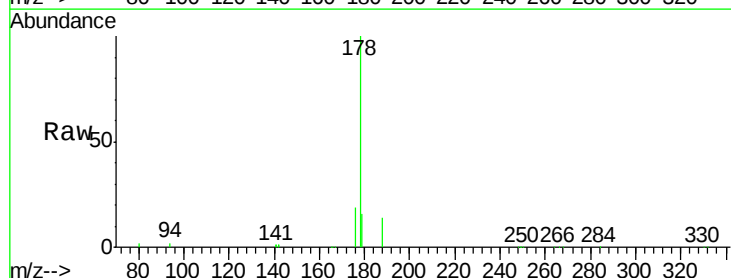


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

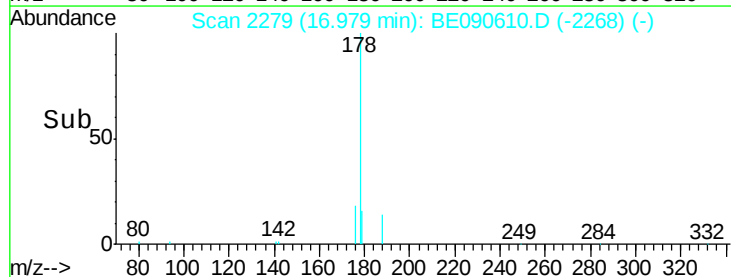
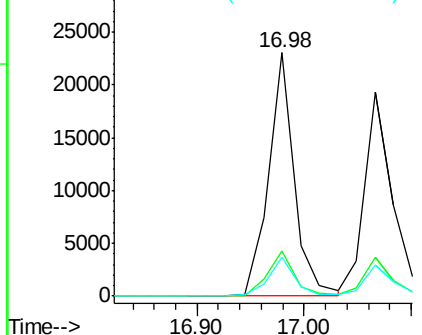


#22
 Phenanthrene
 Concen: 0.95 ng
 RT: 16.98 min Scan# 2279
 Delta R.T. -0.00 min
 Lab File: BE090610.D
 Acq: 25 Aug 2015 12:23

Tgt Ion:178 Resp: 38313
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.2
 179 15.8 12.5 18.7



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: 0.95 ng

RT: 17.07 min Scan# 2284

Delta R.T. -0.00 min

Lab File: BE090610.D

Acq: 25 Aug 2015 12:23

Instrument :

BNA_E

ClientSampleId :

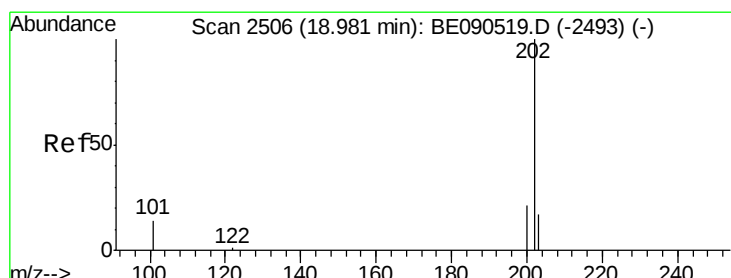
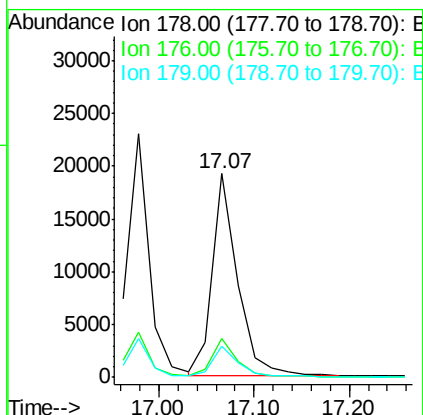
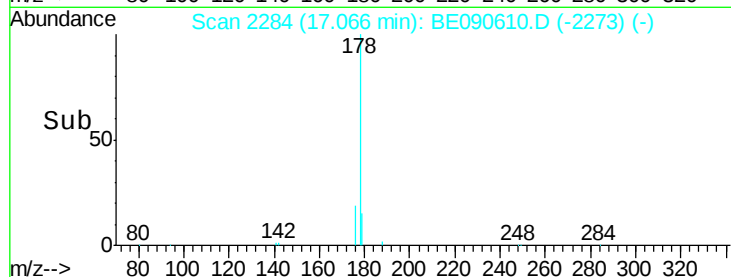
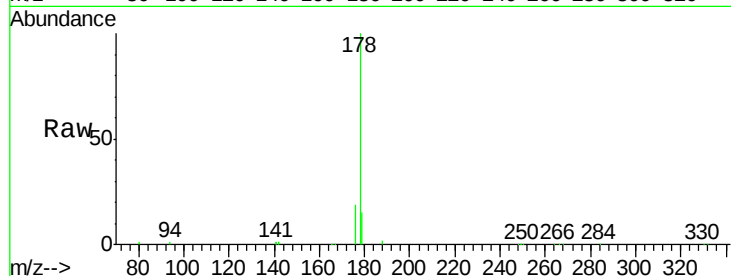
Tot Ion:178 Resp: 35129

Ion Ratio Lower Upper

178 100

176 18.5 14.9 22.3

179 15.2 12.2 18.4



#24

Fluoranthene

Concen: 1.02 ng

RT: 18.98 min Scan# 2505

Delta R.T. 0.00 min

Lab File: BE090610.D

Acq: 25 Aug 2015 12:23

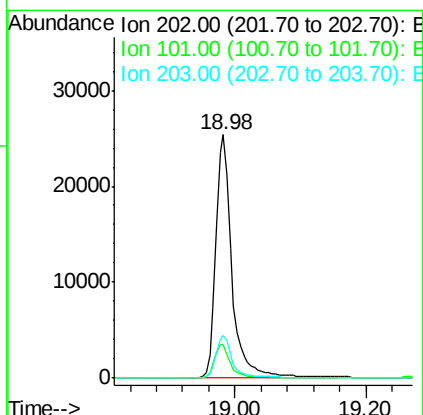
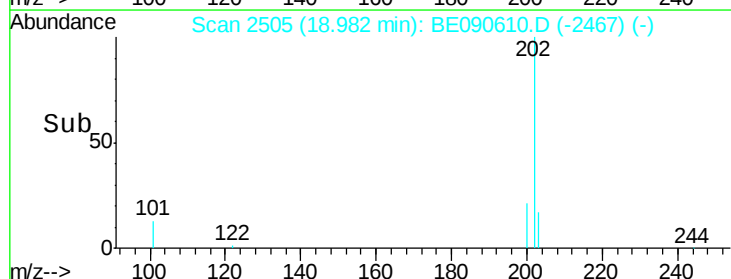
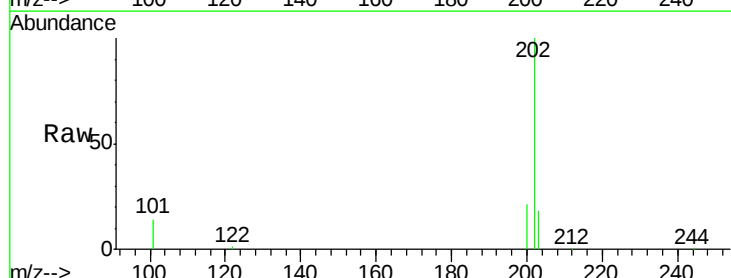
Tgt Ion:202 Resp: 43671

Ion Ratio Lower Upper

202 100

101 13.7 10.3 15.5

203 17.2 13.7 20.5

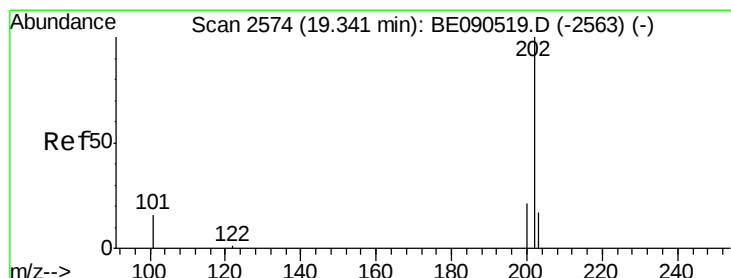
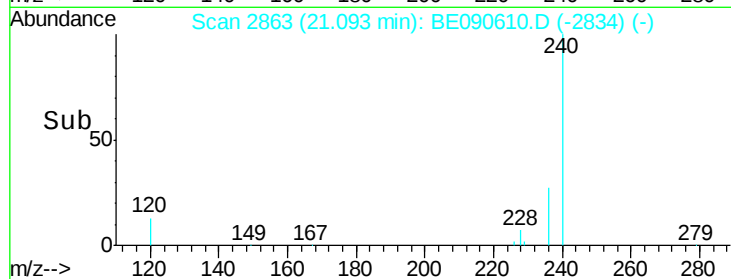
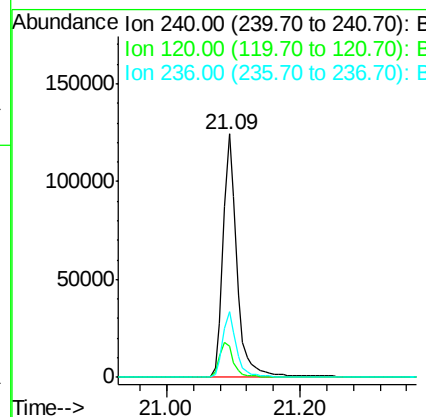
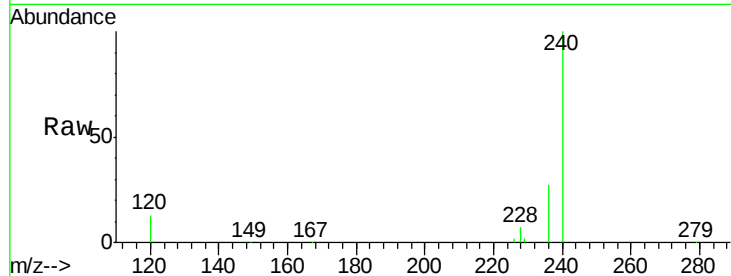




#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.09 min Scan# 2863
Delta R.T. -0.00 min
Lab File: BE090610.D
Acq: 25 Aug 2015 12:23

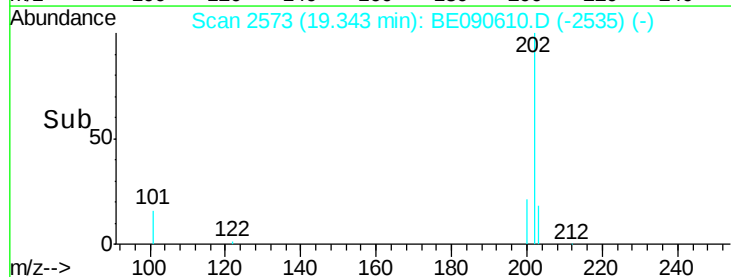
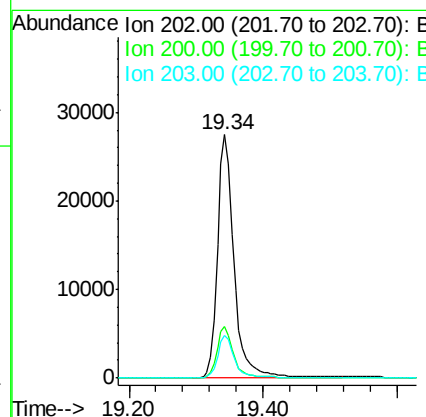
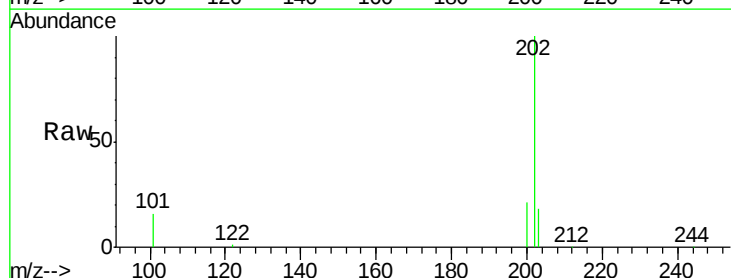
Instrument :
BNA_E
ClientSampleId :

Tot Ion:240 Resp: 179494
Ion Ratio Lower Upper
240 100
120 12.7 8.3 12.5#
236 27.0 21.0 31.4



#26
Pyrene
Concen: 0.90 ng
RT: 19.34 min Scan# 2573
Delta R.T. 0.00 min
Lab File: BE090610.D
Acq: 25 Aug 2015 12:23

Tgt Ion:202 Resp: 46200
Ion Ratio Lower Upper
202 100
200 20.9 16.7 25.1
203 17.6 13.8 20.8

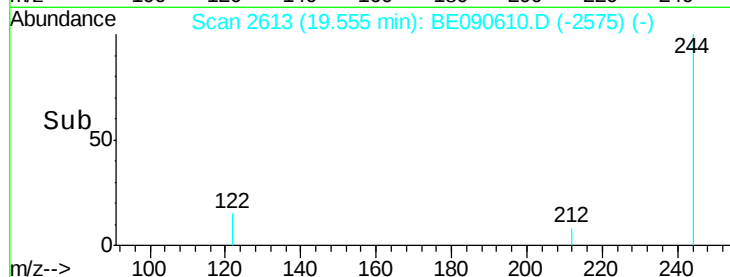
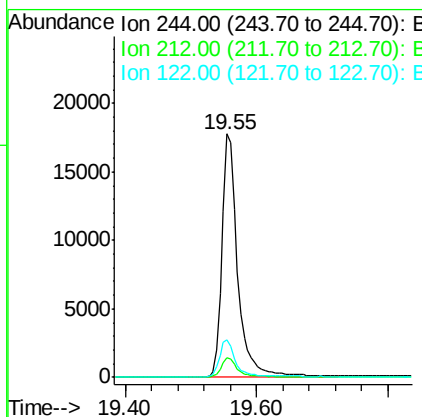
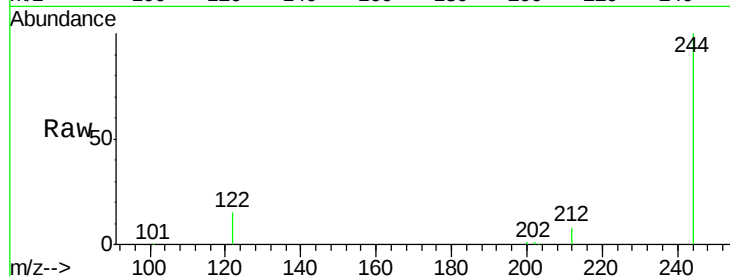




#27
 Terphenyl-d14
 Concen: 0.89 ng
 RT: 19.55 min Scan# 2613
 Delta R.T. 0.00 min
 Lab File: BE090610.D
 Acq: 25 Aug 2015 12:23

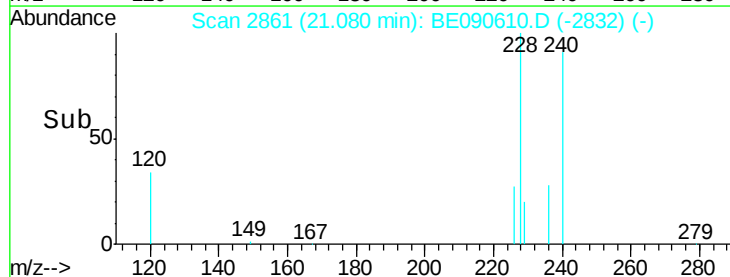
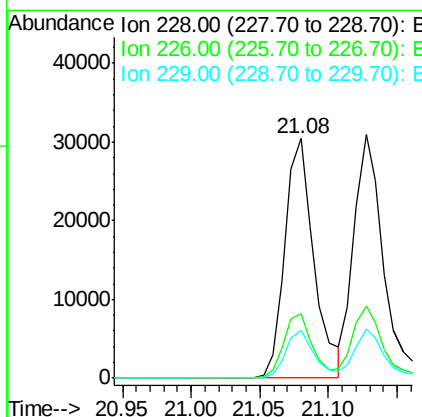
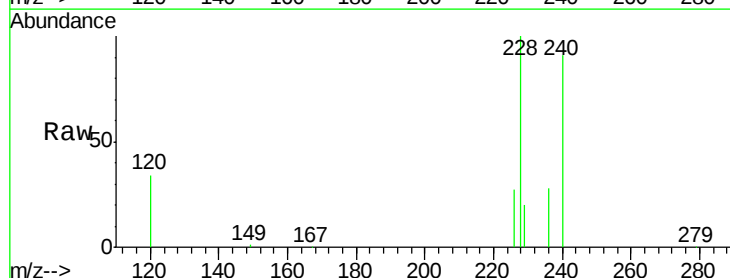
Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:244 Resp: 29348
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.6 9.8
 122 15.5 10.2 15.4#



#28
 Benzo(a)anthracene
 Concen: 0.94 ng
 RT: 21.08 min Scan# 2861
 Delta R.T. -0.00 min
 Lab File: BE090610.D
 Acq: 25 Aug 2015 12:23

Tgt Ion:228 Resp: 44325
 Ion Ratio Lower Upper
 228 100
 226 27.1 21.9 32.9
 229 19.8 15.4 23.0





#29

Chrysene

Concen: 0.99 ng

RT: 21.13 min Scan# 2868

Delta R.T. -0.00 min

Lab File: BE090610.D

Acq: 25 Aug 2015 12:23

Instrument :

BNA_E

ClientSampleId :

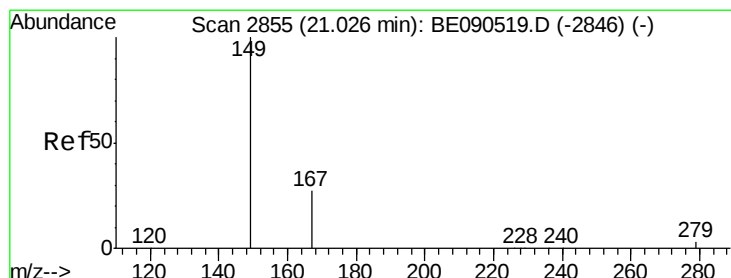
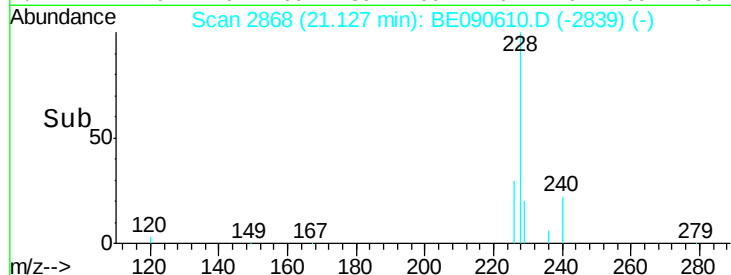
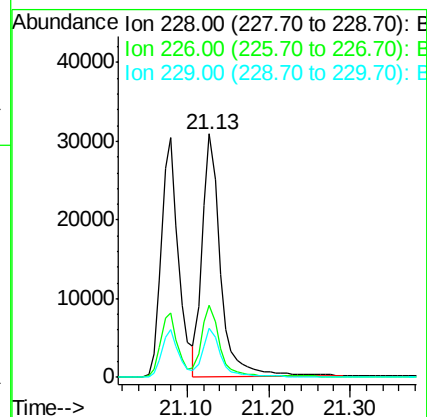
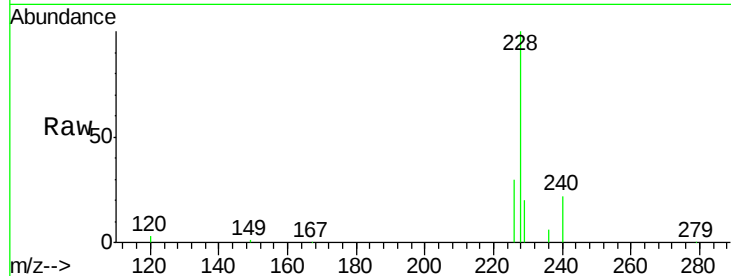
Tot Ion:228 Resp: 47946

Ion Ratio Lower Upper

228 100

226 29.8 23.1 34.7

229 19.9 15.8 23.8



#30

Bis(2-ethylhexyl)phthalate

Concen: 0.70 ng

RT: 21.02 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BE090610.D

Acq: 25 Aug 2015 12:23

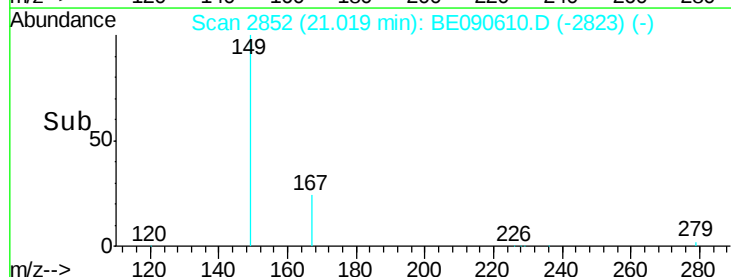
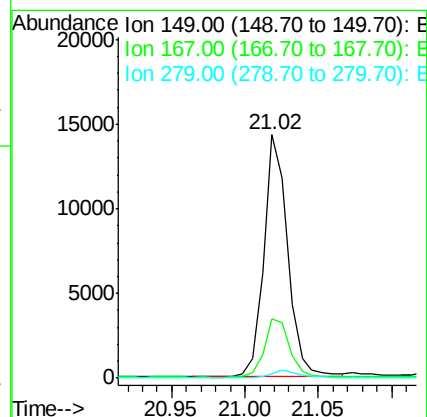
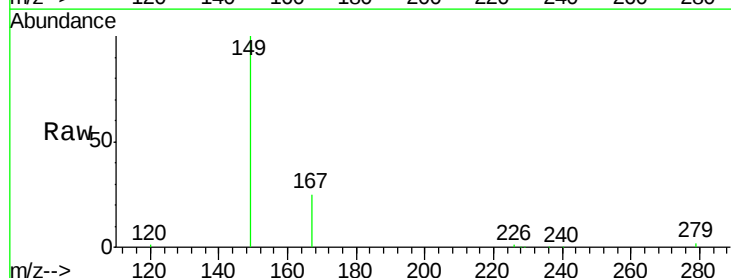
Tgt Ion:149 Resp: 16159

Ion Ratio Lower Upper

149 100

167 25.5 19.8 29.8

279 3.0 2.4 3.6

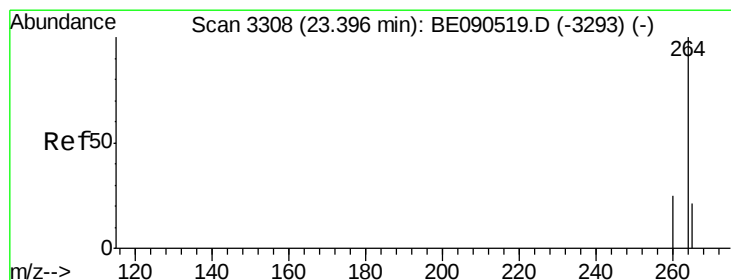
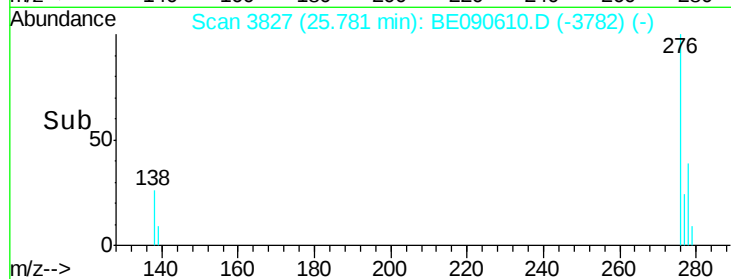
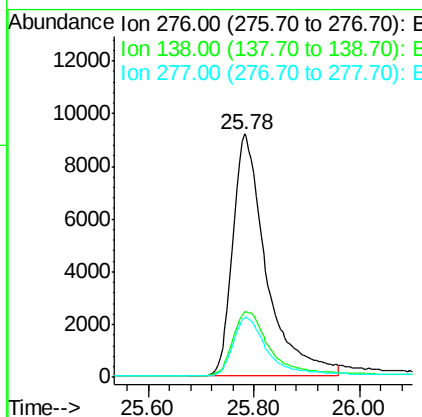
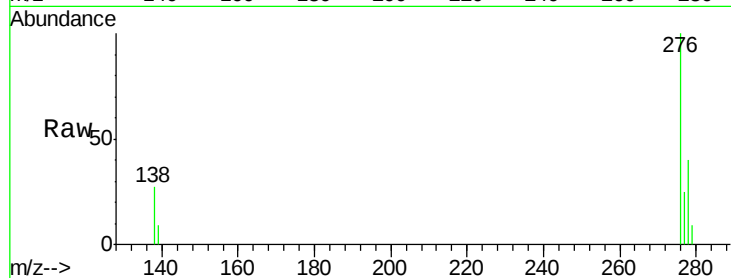




#31
 Indeno(1,2,3-cd)pyrene
 Concen: 0.89 ng
 RT: 25.78 min Scan# 3827
 Delta R.T. 0.00 min
 Lab File: BE090610.D
 Acq: 25 Aug 2015 12:23

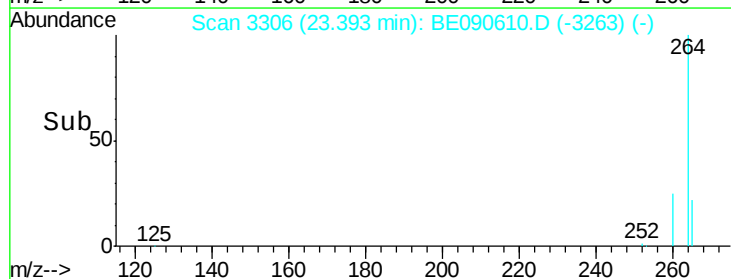
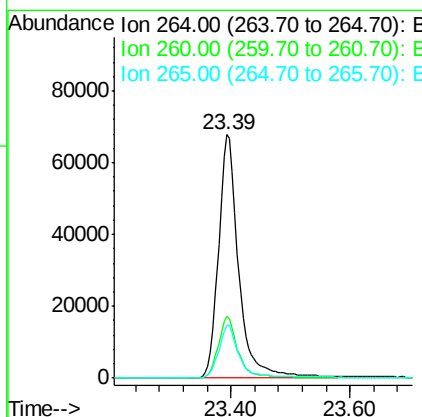
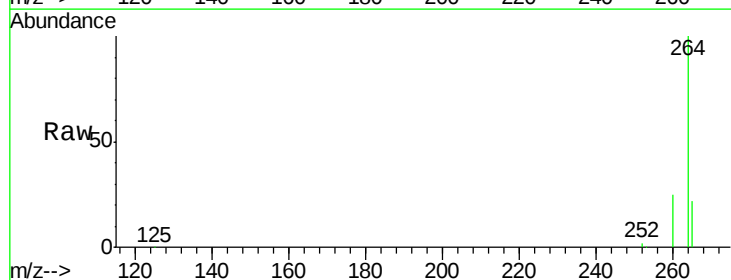
Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:276 Resp: 40645
 Ion Ratio Lower Upper
 276 100
 138 29.1 18.8 28.2#
 277 24.8 18.2 27.4



#32
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.39 min Scan# 3306
 Delta R.T. -0.00 min
 Lab File: BE090610.D
 Acq: 25 Aug 2015 12:23

Tgt Ion:264 Resp: 159693
 Ion Ratio Lower Upper
 264 100
 260 25.2 20.1 30.1
 265 21.8 17.2 25.8





#33

Benzo(b)fluoranthene

Concen: 0.99 ng

RT: 22.69 min Scan# 3152

Delta R.T. -0.00 min

Lab File: BE090610.D

Acq: 25 Aug 2015 12:23

Instrument :

BNA_E

ClientSampleId :

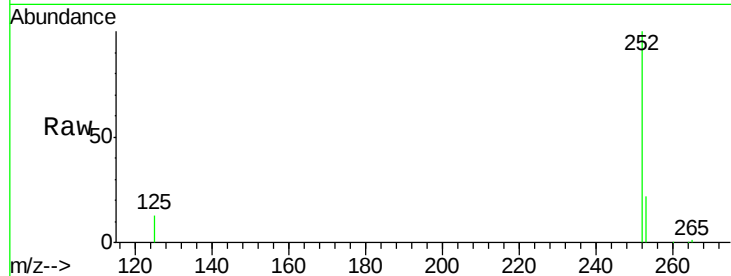
Tot Ion:252 Resp: 37366

Ion Ratio Lower Upper

252 100

253 22.1 18.1 27.1

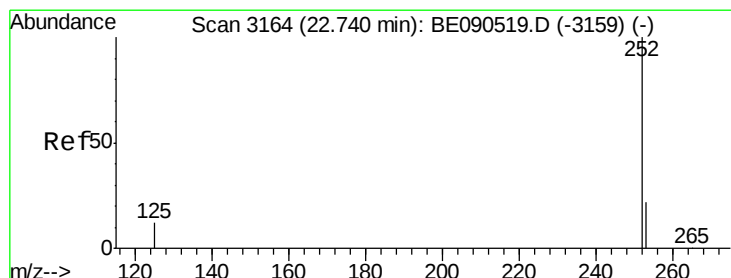
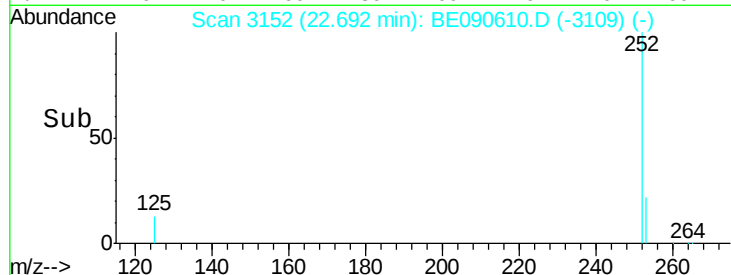
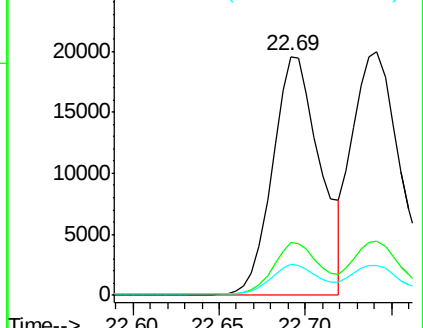
125 13.3 9.4 14.2



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: 0.99 ng

RT: 22.74 min Scan# 3163

Delta R.T. 0.00 min

Lab File: BE090610.D

Acq: 25 Aug 2015 12:23

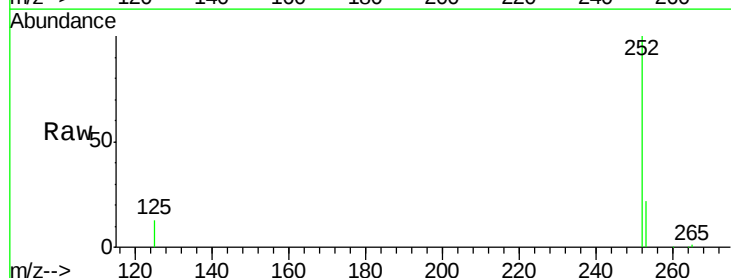
Tgt Ion:252 Resp: 42627

Ion Ratio Lower Upper

252 100

253 22.1 18.1 27.1

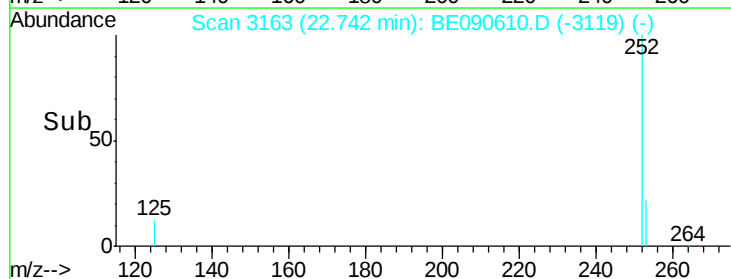
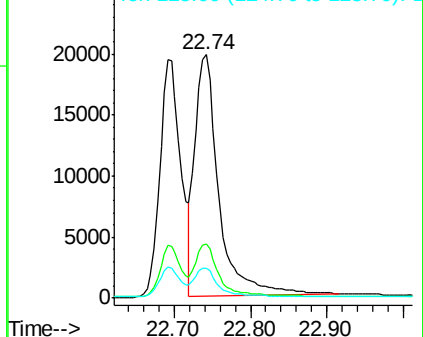
125 12.5 9.1 13.7



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





#35

Benzo(a)pyrene

Concen: 0.95 ng

RT: 23.29 min Scan# 3284

Delta R.T. 0.00 min

Lab File: BE090610.D

Acq: 25 Aug 2015 12:23

Instrument :

BNA_E

ClientSampleId :

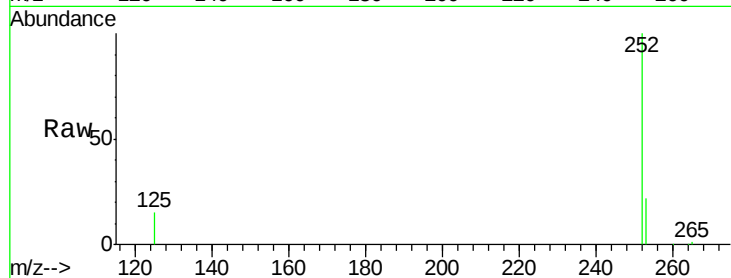
Tot Ion:252 Resp: 33586

Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

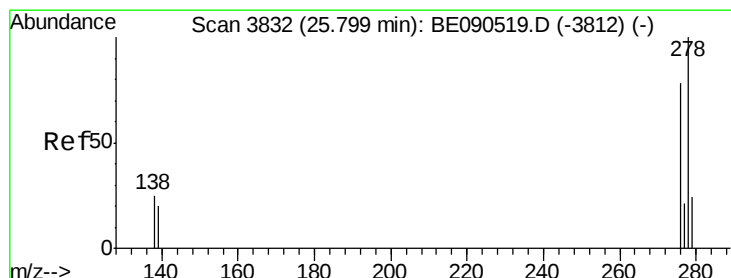
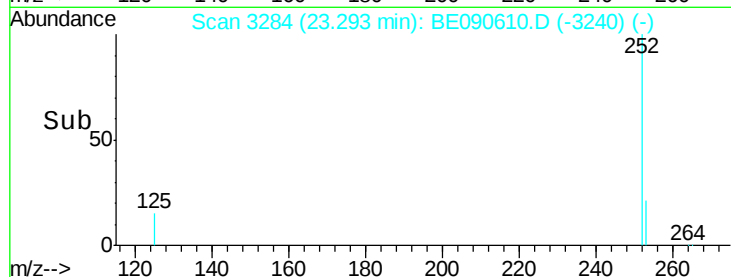
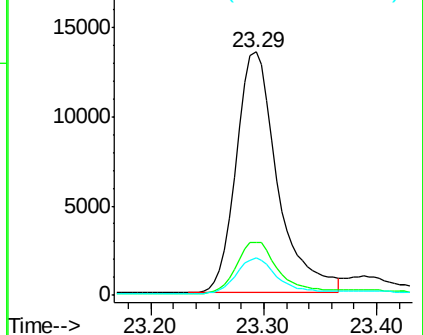
125 15.3 9.8 14.6#



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: 0.90 ng

RT: 25.80 min Scan# 3832

Delta R.T. 0.00 min

Lab File: BE090610.D

Acq: 25 Aug 2015 12:23

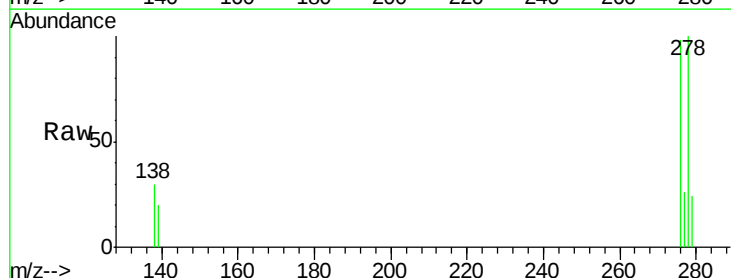
Tgt Ion:278 Resp: 30714

Ion Ratio Lower Upper

278 100

139 20.3 14.2 21.4

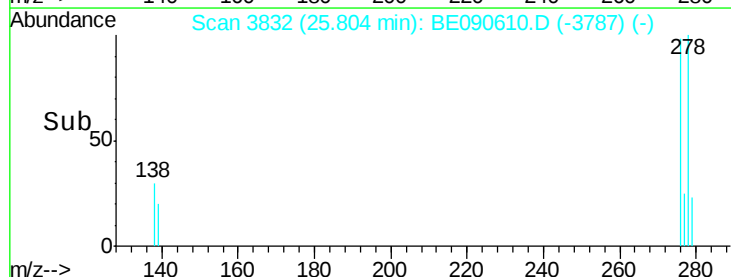
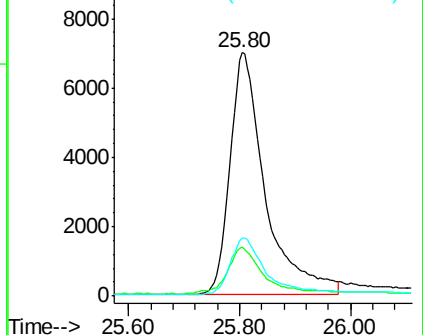
279 23.9 20.1 30.1



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(a,h,i)perylene

Concen: 0.93 ng

RT: 26.51 min Scan# 3987

Delta R.T. -0.00 min

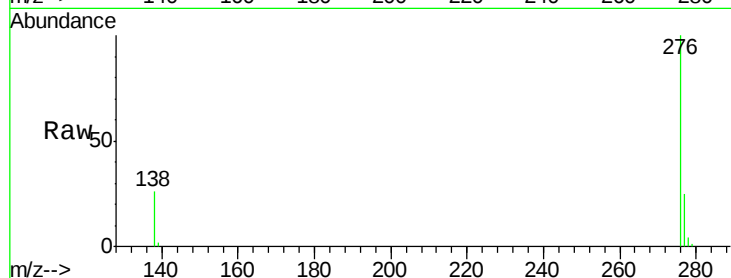
Lab File: BE090610.D

Acq: 25 Aug 2015 12:23

Instrument :

BNA_E

ClientSampleId :



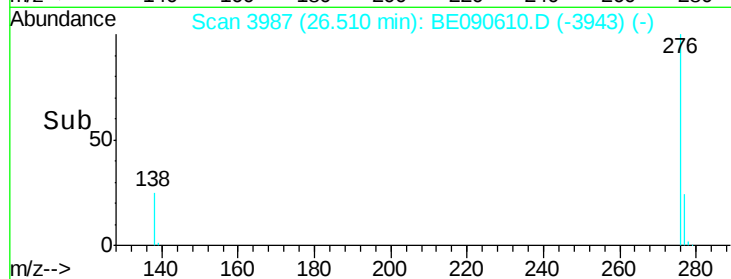
Tot Ion: 276 Resp: 34661

Ion Ratio Lower Upper

276 100

277 24.6 20.1 30.1

138 26.1 18.1 27.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

