

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081415\
 Data File : BE090515.D
 Acq On : 14 Aug 2015 11:42
 Operator : UM/IZ
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

Quant Time: Aug 14 15:26:50 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 15:17:14 2015
 Response via : Initial Calibration

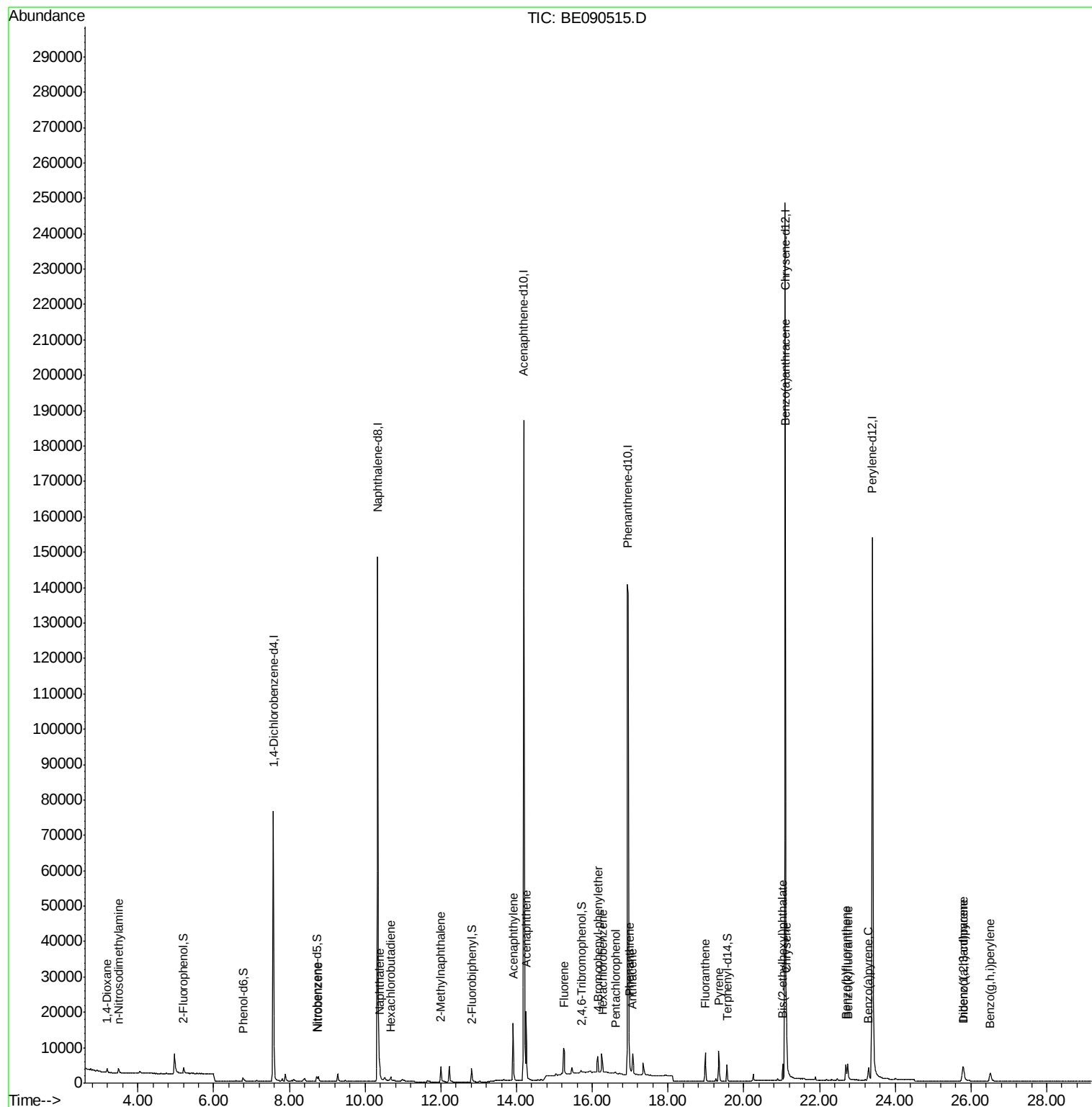
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	38612	5.00	ng	0.00
6) Naphthalene-d8	10.33	136	194932	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	108062	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	240349	5.00	ng	0.00
25) Chrysene-d12	21.09	240	237310	5.00	ng	0.00
32) Perylene-d12	23.40	264	220355	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	1430	0.12	ng	0.00
5) Phenol-d6	6.77	99	1920	0.11	ng	0.00
7) Nitrobenzene-d5	8.72	82	1759	0.11	ng	0.00
13) 2,4,6-Tribromophenol	15.71	330	483	0.12	ng	0.00
14) 2-Fluorobiphenyl	12.81	172	3904	0.12	ng	0.00
27) Terphenyl-d14	19.55	244	5421	0.12	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	653	0.12	ng	# 79
3) n-Nitrosodimethylamine	3.49	42	824	0.12	ng	# 65
8) Nitrobenzene	8.77	77	1767	0.11	ng	98
9) Naphthalene	10.38	128	5606	0.12	ng	99
10) Hexachlorobutadiene	10.68	225	808	0.12	ng	99
11) 2-Methylnaphthalene	12.00	142	3550	0.12	ng	98
15) Acenaphthylene	13.91	152	23727	0.12	ng	100
16) Acenaphthene	14.25	154	3653	0.12	ng	# 78
17) Fluorene	15.26	166	4628	0.12	ng	97
19) 4-Bromophenyl-phenylether	16.14	248	1206	0.12	ng	77
20) Hexachlorobenzene	16.27	284	5478	0.12	ng	# 93
21) Pentachlorophenol	16.61	266	392	0.12	ng	94
22) Phenanthrene	16.98	178	8297	0.12	ng	97
23) Anthracene	17.07	178	6976	0.12	ng	100
24) Fluoranthene	18.98	202	8283	0.12	ng	98
26) Pyrene	19.34	202	8618	0.12	ng	100
28) Benzo(a)anthracene	21.08	228	8217	0.12	ng	97
29) Chrysene	21.13	228	8120	0.12	ng	97
30) Bis(2-ethylhexyl)phthalate	21.02	149	4465	0.13	ng	98
31) Indeno(1,2,3-cd)pyrene	25.78	276	7294	0.12	ng	94
33) Benzo(b)fluoranthene	22.70	252	6177	0.11	ng	# 91
34) Benzo(k)fluoranthene	22.74	252	7268	0.12	ng	# 91
35) Benzo(a)pyrene	23.29	252	5854	0.12	ng	# 88
36) Dibenzo(a,h)anthracene	25.80	278	5572	0.12	ng	# 93
37) Benzo(g,h,i)perylene	26.50	276	6165	0.12	ng	# 92

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

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.57 min Scan# 843

Delta R.T. -0.01 min

Lab File: BE090515.D

Acq: 14 Aug 2015 11:42

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

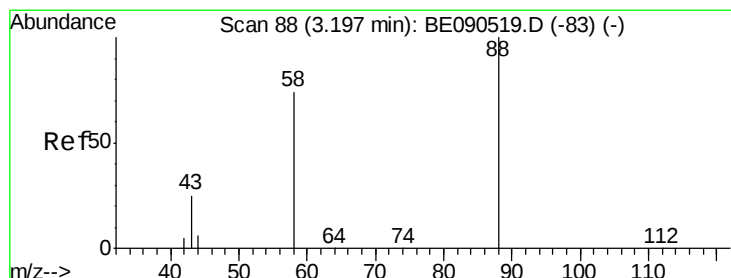
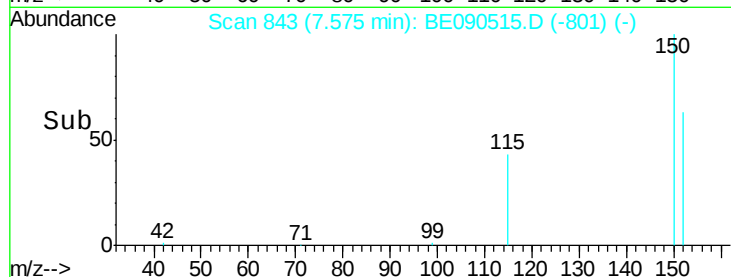
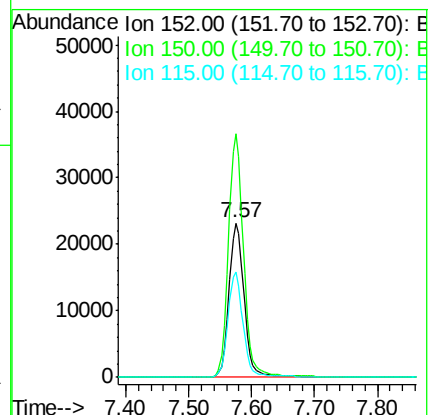
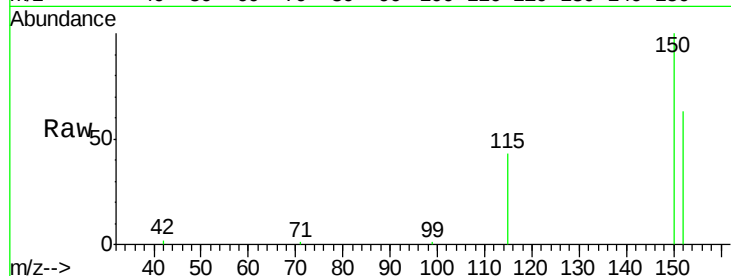
Tot Ion:152 Resp: 38612

Ion Ratio Lower Upper

152 100

150 158.1 123.0 184.4

115 68.4 48.9 73.3



#2

1,4-Dioxane

Concen: 0.12 ng

RT: 3.19 min Scan# 87

Delta R.T. -0.01 min

Lab File: BE090515.D

Acq: 14 Aug 2015 11:42

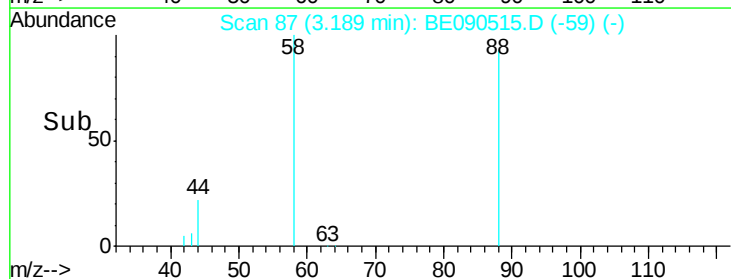
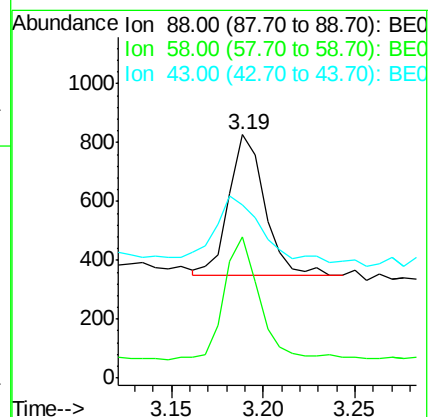
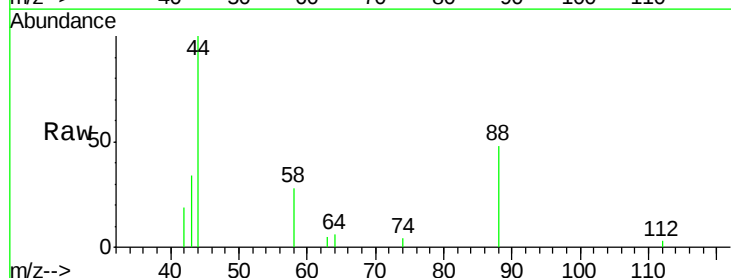
Tgt Ion: 88 Resp: 653

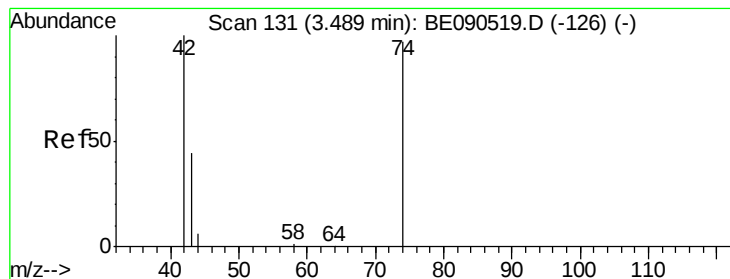
Ion Ratio Lower Upper

88 100

58 85.6 70.0 105.0

43 75.3 28.4 42.6#



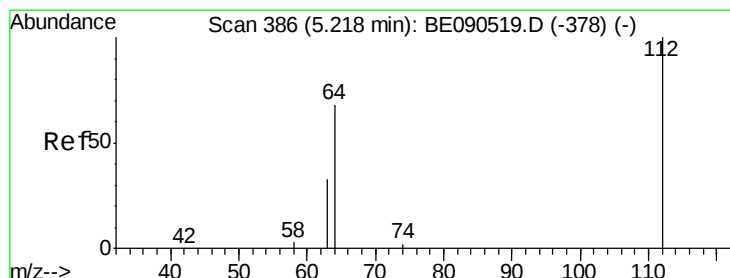
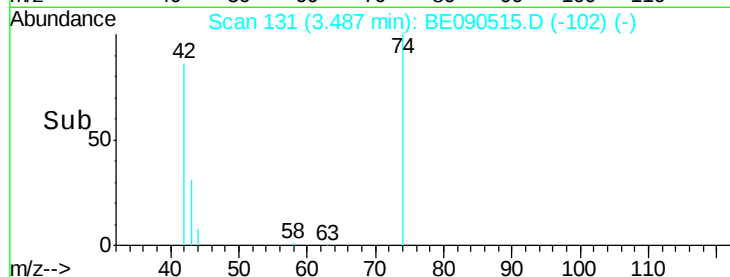
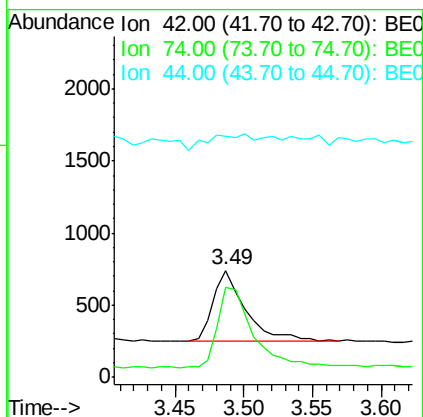
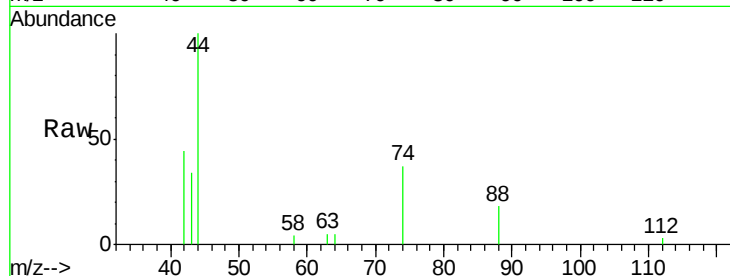


#3

n-Nitrosodimethylamine
 Concen: 0.12 ng
 RT: 3.49 min Scan# 131
 Delta R.T. -0.00 min
 Lab File: BE090515.D
 Acq: 14 Aug 2015 11:42

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

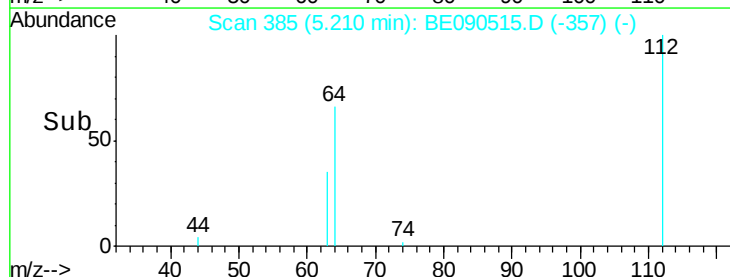
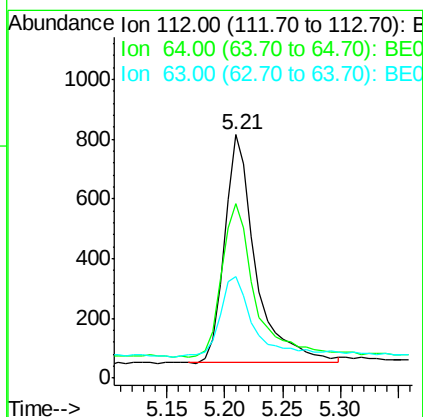
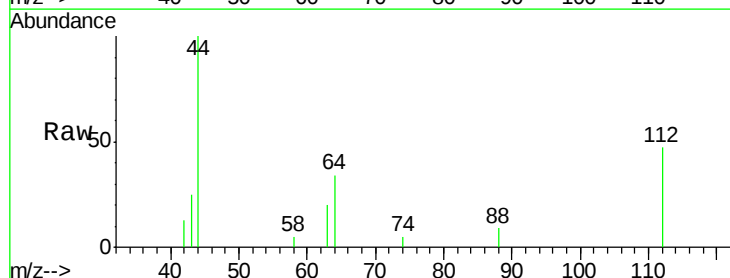
Tot Ion: 42 Resp: 824
 Ion Ratio Lower Upper
 42 100
 74 124.6 75.2 112.8#
 44 34.0 8.7 13.1#

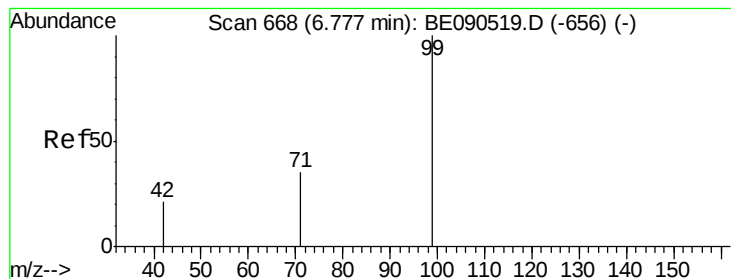


#4

2-Fluorophenol
 Concen: 0.12 ng
 RT: 5.21 min Scan# 385
 Delta R.T. -0.01 min
 Lab File: BE090515.D
 Acq: 14 Aug 2015 11:42

Tgt Ion: 112 Resp: 1430
 Ion Ratio Lower Upper
 112 100
 64 74.1 37.1 55.7#
 63 38.3 19.5 29.3#





#5

Phenol-d6

Concen: 0.11 ng

RT: 6.77 min Scan# 667

Delta R.T. -0.00 min

Lab File: BE090515.D

Acq: 14 Aug 2015 11:42

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

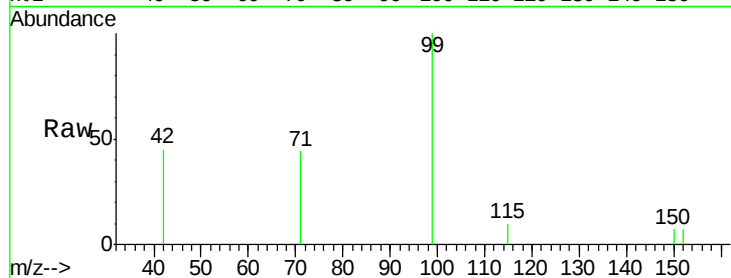
Tot Ion: 99 Resp: 1920

Ion Ratio Lower Upper

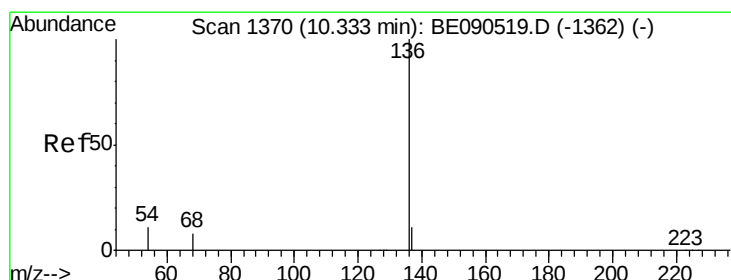
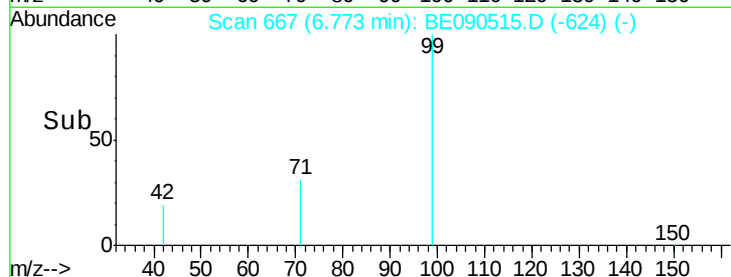
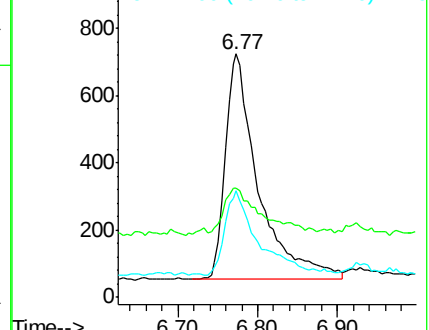
99 100

42 22.4 18.2 27.4

71 39.0 27.4 41.0



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: 10.33 min Scan# 1370

Delta R.T. -0.00 min

Lab File: BE090515.D

Acq: 14 Aug 2015 11:42

Tgt Ion: 136 Resp: 194932

Ion Ratio Lower Upper

136 100

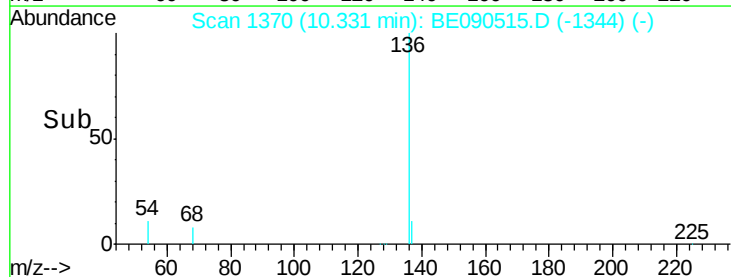
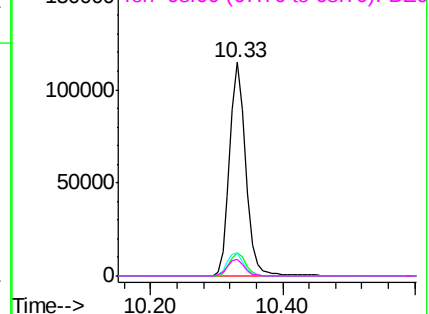
137 10.8 8.7 13.1

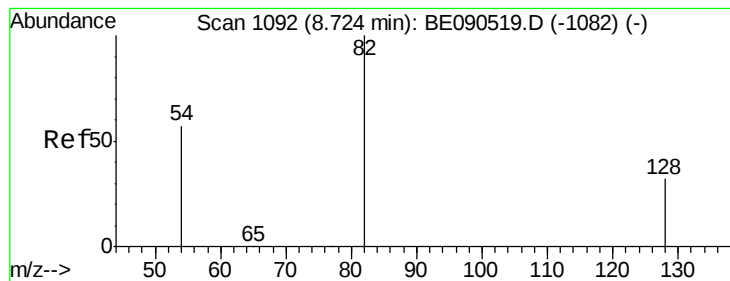
54 10.6 9.4 14.0

68 7.9 6.5 9.7



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: 0.11 ng

RT: 8.72 min Scan# 1092

Delta R.T. 0.00 min

Lab File: BE090515.D

Acq: 14 Aug 2015 11:42

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

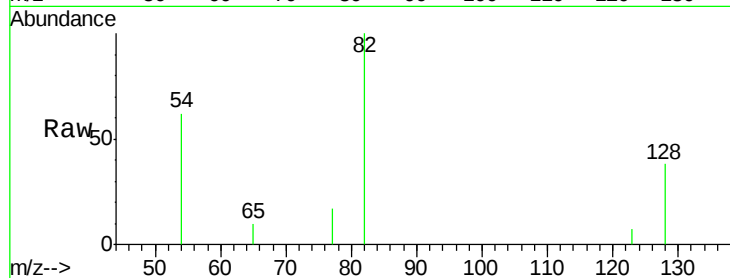
Tot Ion: 82 Resp: 1759

Ion Ratio Lower Upper

82 100

128 38.1 25.0 37.6#

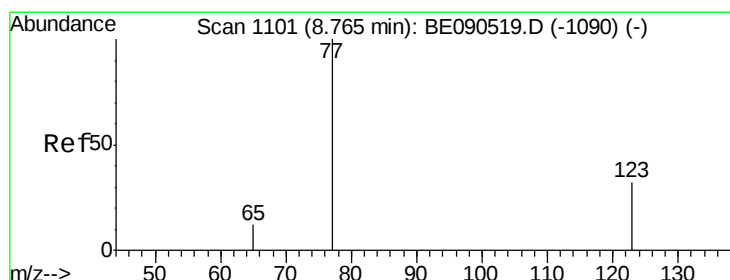
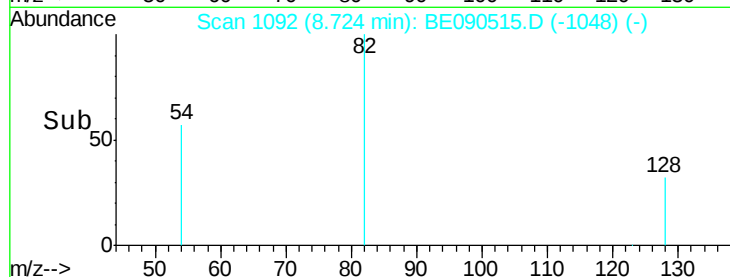
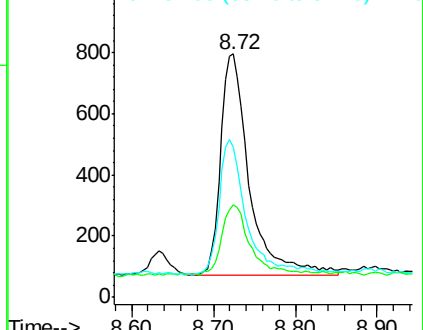
54 61.6 48.8 73.2



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: 0.11 ng

RT: 8.77 min Scan# 1101

Delta R.T. 0.00 min

Lab File: BE090515.D

Acq: 14 Aug 2015 11:42

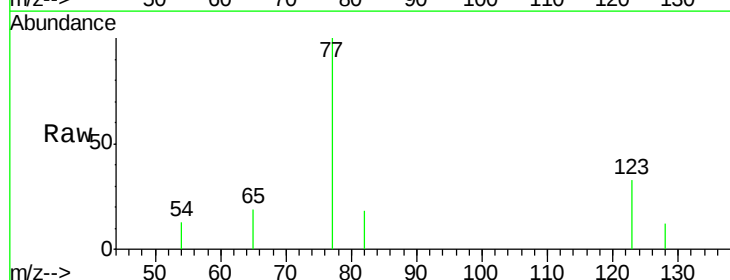
Tgt Ion: 77 Resp: 1767

Ion Ratio Lower Upper

77 100

123 31.1 25.1 37.7

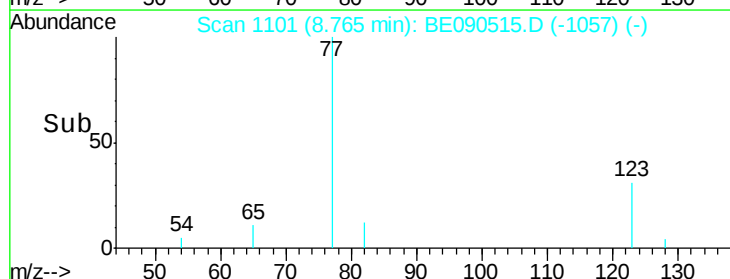
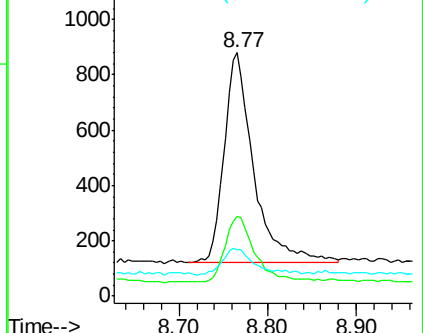
65 13.8 9.3 13.9

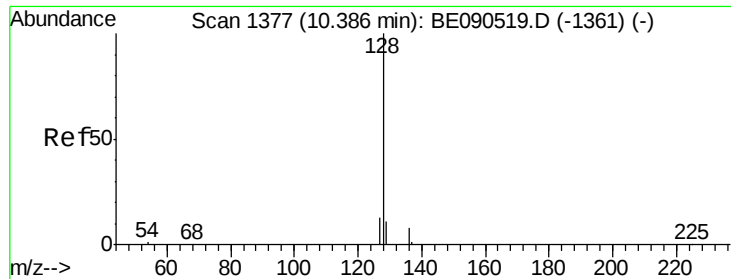


Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0





#9

Naphthalene

Concen: 0.12 ng

RT: 10.38 min Scan# 1376

Delta R.T. -0.01 min

Lab File: BE090515.D

Acq: 14 Aug 2015 11:42

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

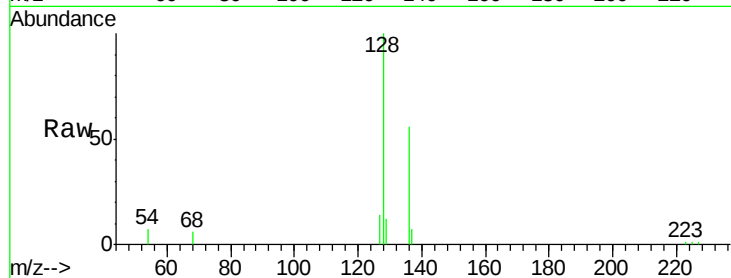
Tot Ion:128 Resp: 5606

Ion Ratio Lower Upper

128 100

129 12.5 9.8 14.6

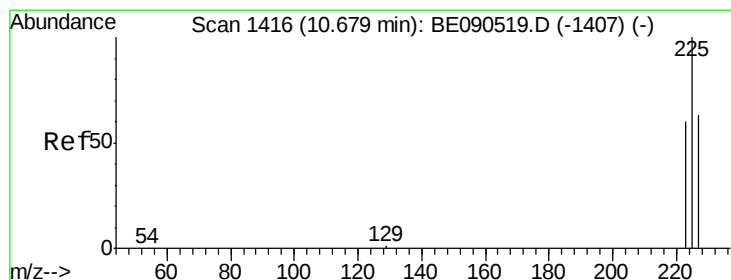
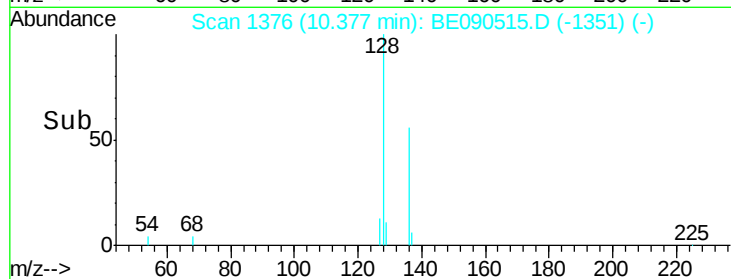
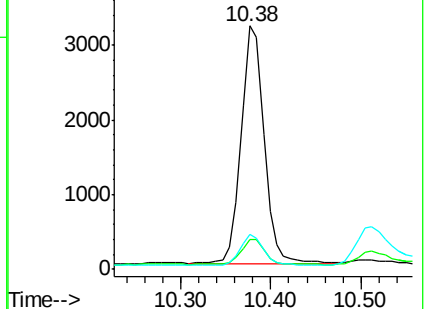
127 14.1 10.6 16.0



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



#10

Hexachlorobutadiene

Concen: 0.12 ng

RT: 10.68 min Scan# 1416

Delta R.T. -0.00 min

Lab File: BE090515.D

Acq: 14 Aug 2015 11:42

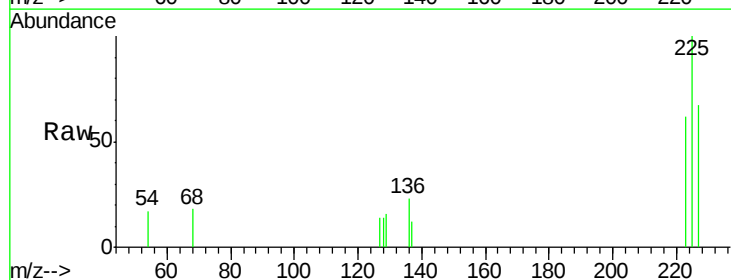
Tgt Ion:225 Resp: 808

Ion Ratio Lower Upper

225 100

223 61.6 50.6 75.8

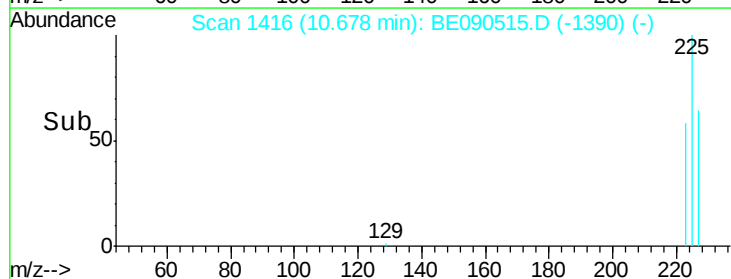
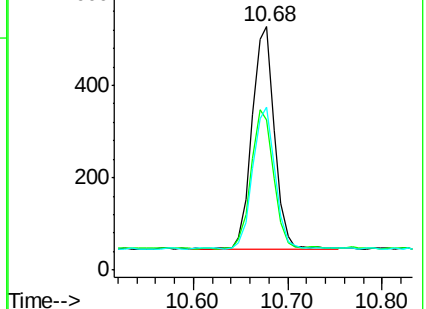
227 63.1 50.7 76.1



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 0.12 ng

RT: 12.00 min Scan# 1648

Delta R.T. -0.01 min

Lab File: BE090515.D

Acq: 14 Aug 2015 11:42

Instrument :

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ClientSampleId :

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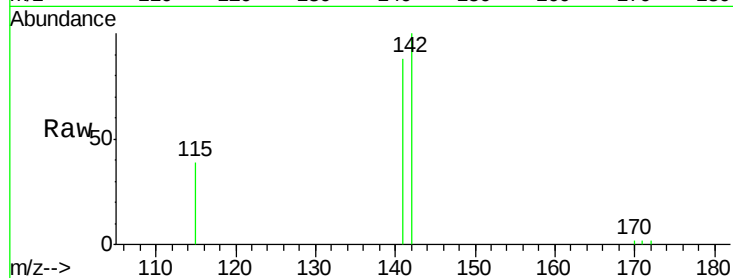
Tot Ion:142 Resp: 3550

Ion Ratio Lower Upper

142 100

141 88.3 72.6 109.0

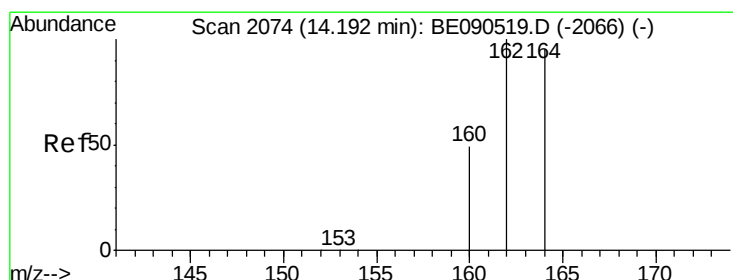
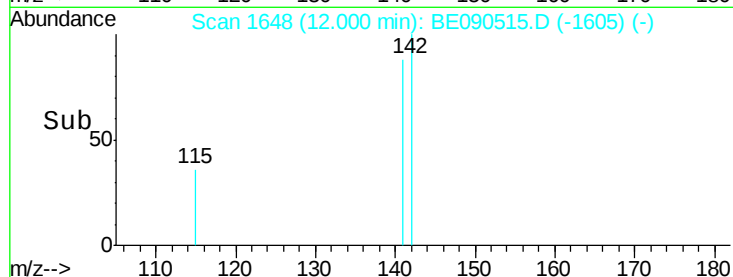
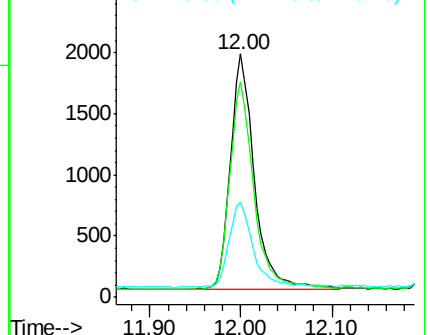
115 38.9 31.6 47.4



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: BE090515.D

Acq: 14 Aug 2015 11:42

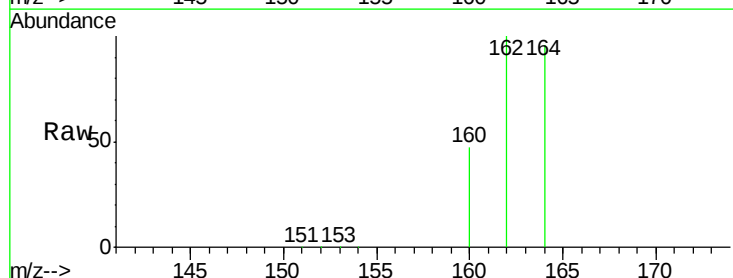
Tgt Ion:164 Resp: 108062

Ion Ratio Lower Upper

164 100

162 104.0 81.8 122.8

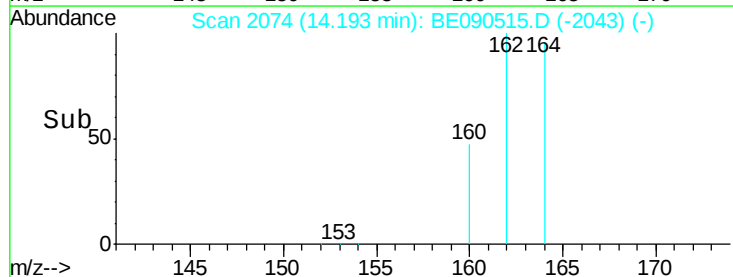
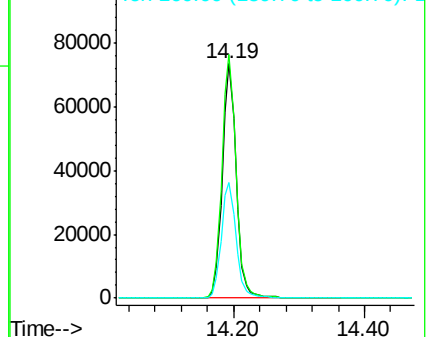
160 49.2 44.2 66.4



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

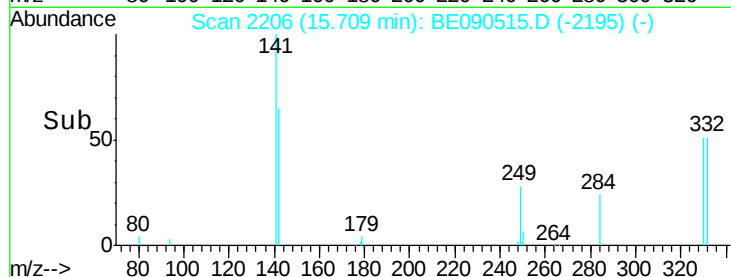
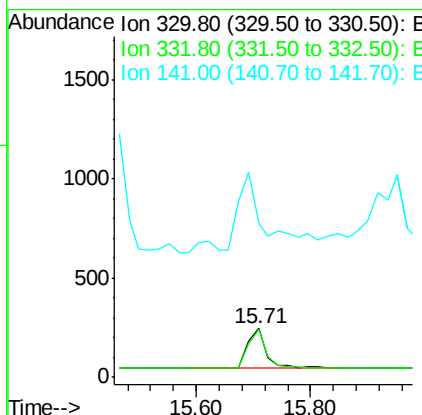
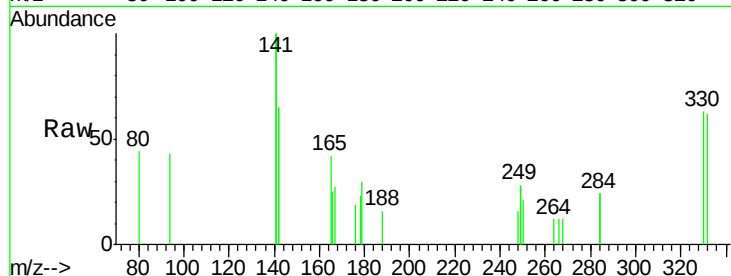




#13
 2,4,6-Tribromophenol
 Concen: 0.12 ng
 RT: 15.71 min Scan# 2206
 Delta R.T. -0.00 min
 Lab File: BE090515.D
 Acq: 14 Aug 2015 11:42

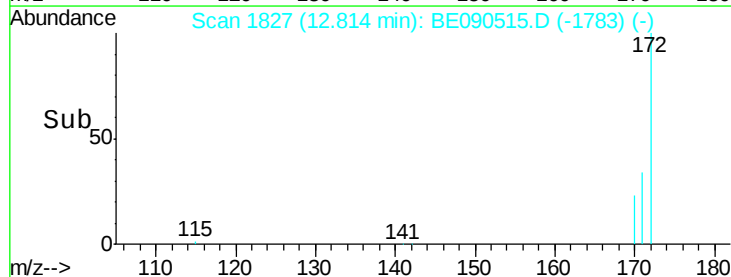
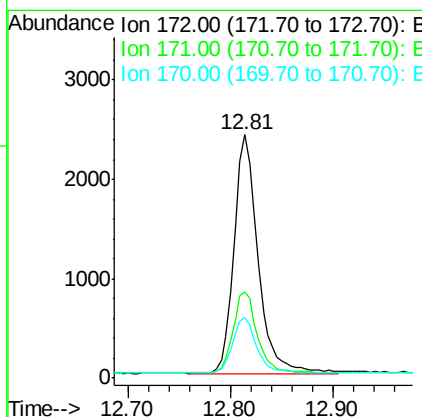
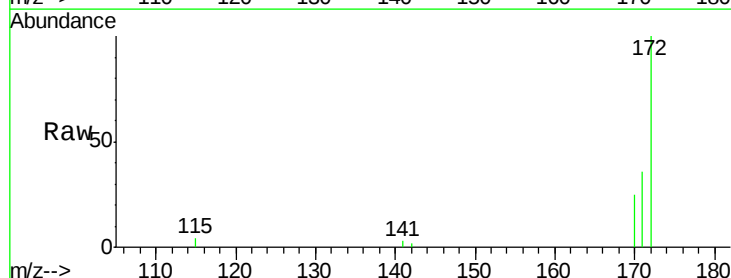
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

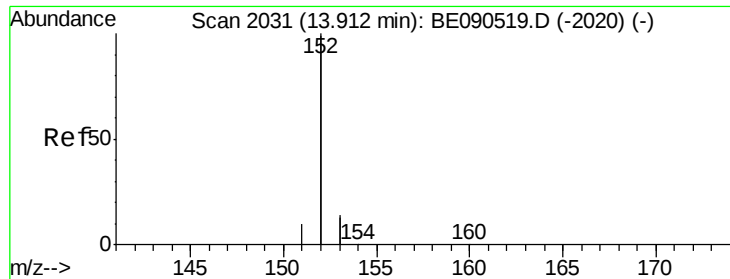
Tot Ion:330 Resp: 483
 Ion Ratio Lower Upper
 330 100
 332 93.4 75.8 113.6
 141 330.6 114.4 171.6#



#14
 2-Fluorobiphenyl
 Concen: 0.12 ng
 RT: 12.81 min Scan# 1827
 Delta R.T. -0.00 min
 Lab File: BE090515.D
 Acq: 14 Aug 2015 11:42

Tgt Ion:172 Resp: 3904
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.5 42.7
 170 24.6 19.8 29.8





#15

Acenaphthylene

Concen: 0.12 ng

RT: 13.91 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BE090515.D

Acq: 14 Aug 2015 11:42

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

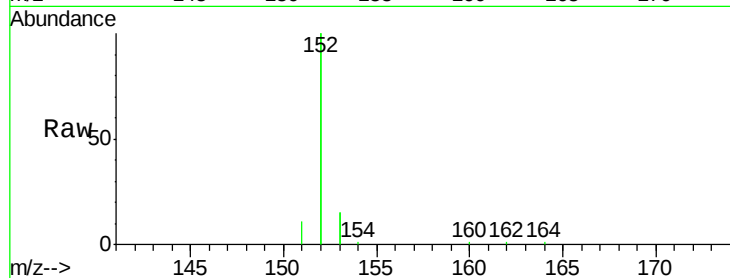
Tot Ion:152 Resp: 23727

Ion Ratio Lower Upper

152 100

151 4.9 3.8 5.8

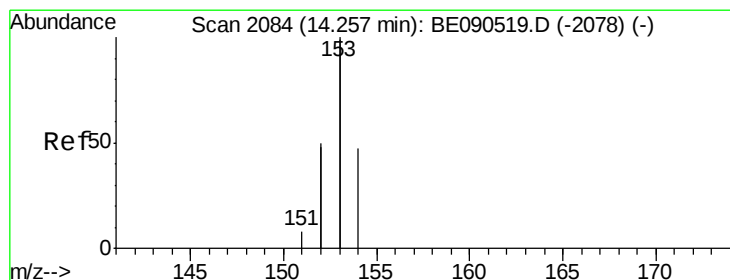
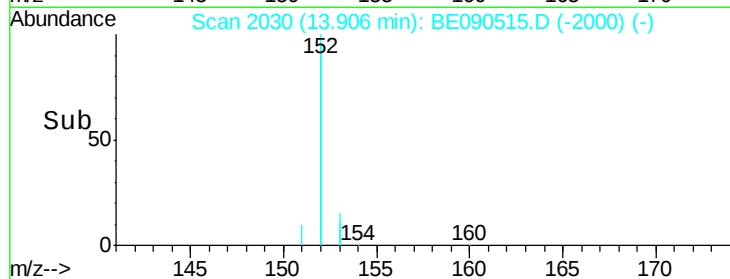
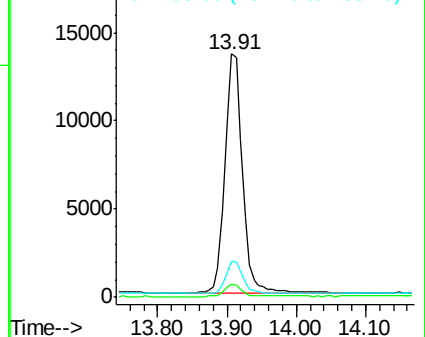
153 13.1 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#16

Acenaphthene

Concen: 0.12 ng

RT: 14.25 min Scan# 2083

Delta R.T. -0.01 min

Lab File: BE090515.D

Acq: 14 Aug 2015 11:42

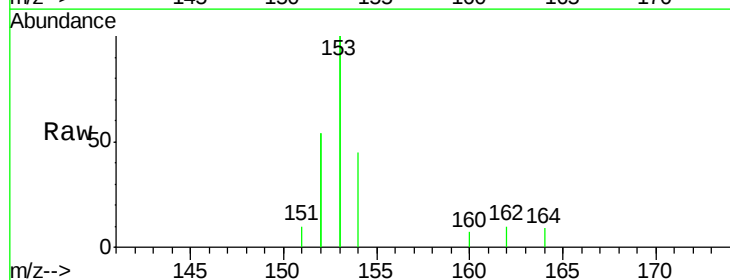
Tgt Ion:154 Resp: 3653

Ion Ratio Lower Upper

154 100

153 431.6 376.2 564.2

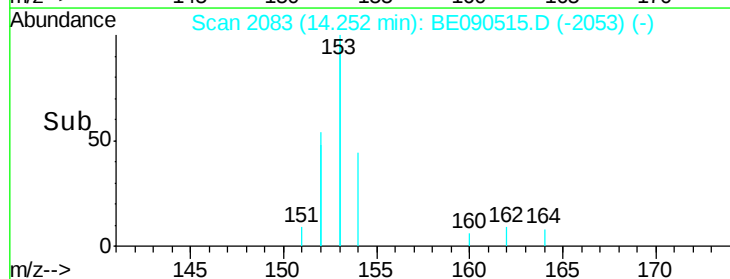
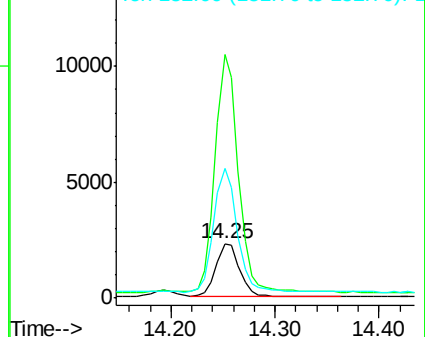
152 229.4 235.0 352.4#



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: 0.12 ng

RT: 15.26 min Scan# 2180

Delta R.T. 0.02 min

Lab File: BE090515.D

Acq: 14 Aug 2015 11:42

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

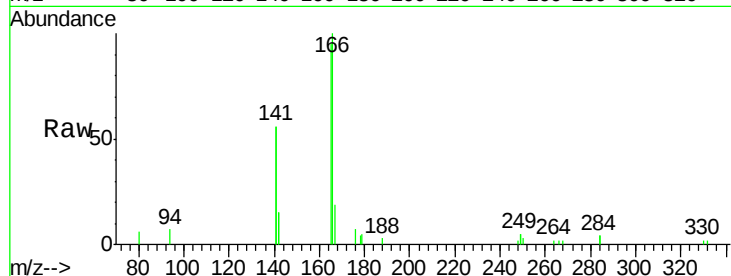
Tot Ion:166 Resp: 4628

Ion Ratio Lower Upper

166 100

165 99.1 81.5 122.3

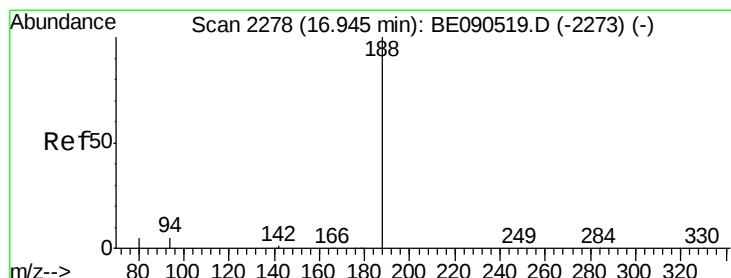
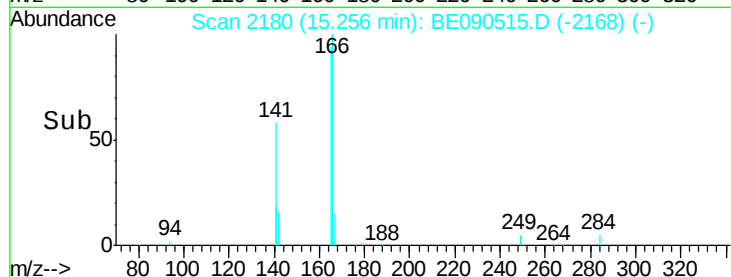
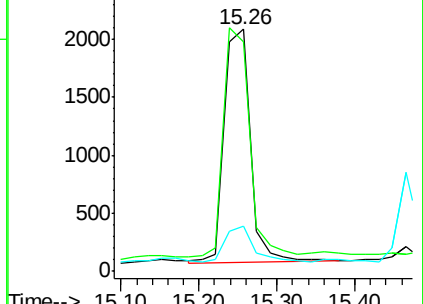
167 17.0 11.4 17.0



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: BE090515.D

Acq: 14 Aug 2015 11:42

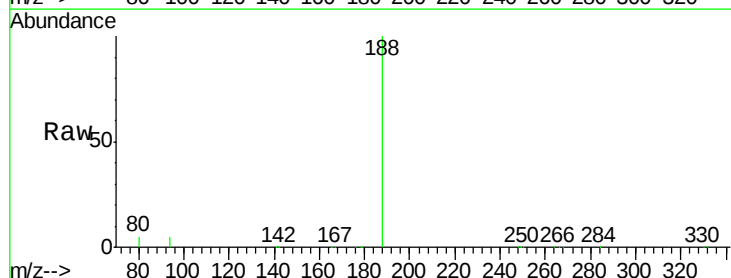
Tgt Ion:188 Resp: 240349

Ion Ratio Lower Upper

188 100

94 4.6 5.7 8.5#

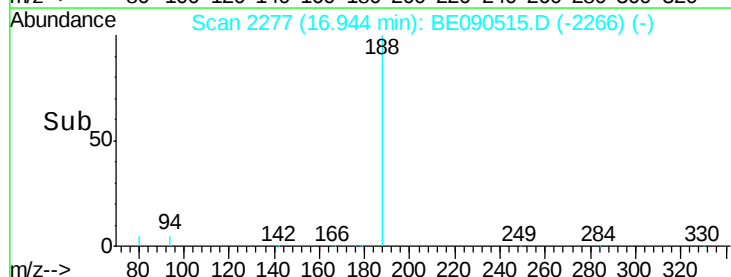
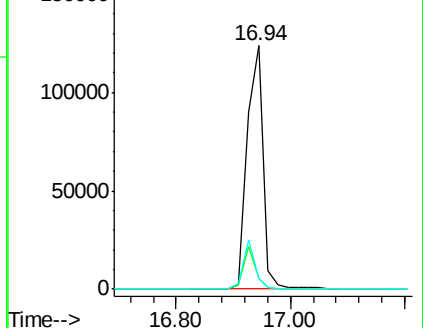
80 4.6 5.8 8.8#



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

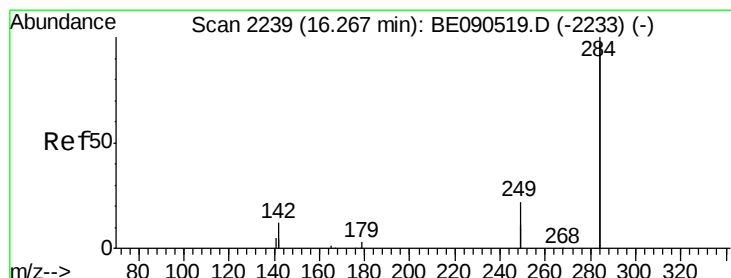
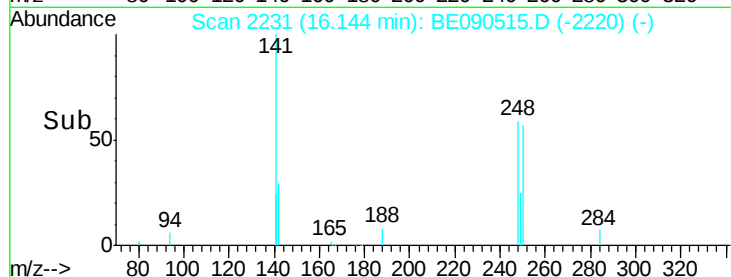
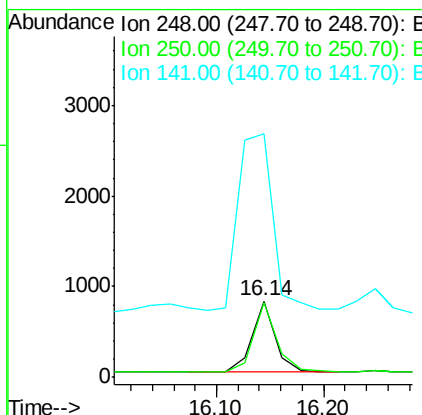
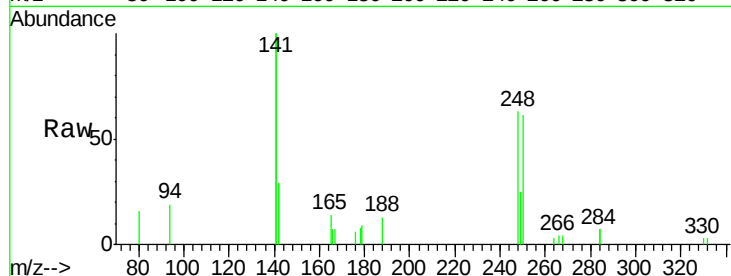




#19
4-Bromophenyl-phenylether
Concen: 0.12 ng
RT: 16.14 min Scan# 2231
Delta R.T. -0.00 min
Lab File: BE090515.D
Acq: 14 Aug 2015 11:42

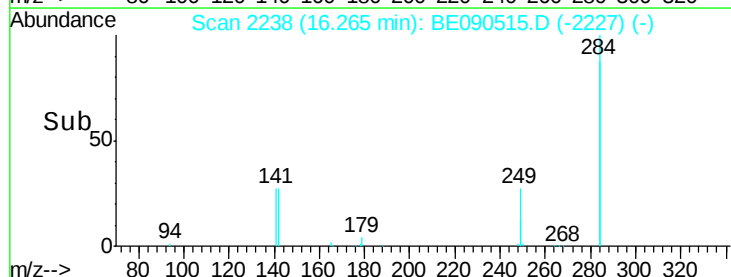
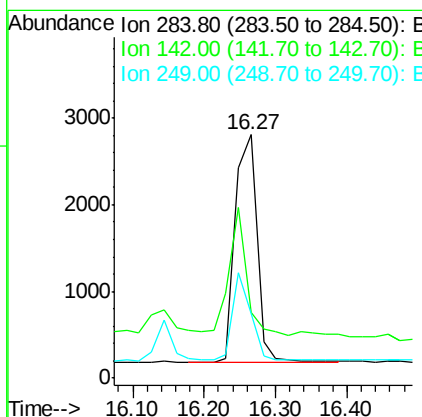
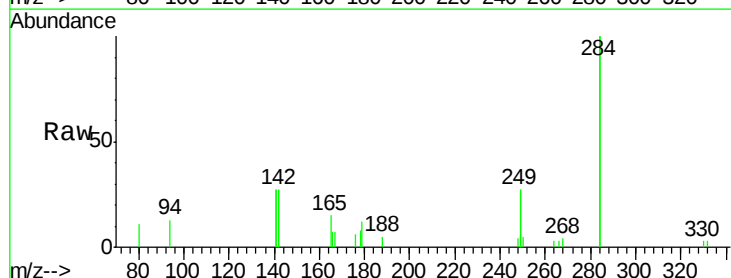
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

Tot Ion:248 Resp: 1206
Ion Ratio Lower Upper
248 100
250 97.6 79.0 118.6
141 359.1 239.5 359.3



#20
Hexachlorobenzene
Concen: 0.12 ng
RT: 16.27 min Scan# 2238
Delta R.T. -0.00 min
Lab File: BE090515.D
Acq: 14 Aug 2015 11:42

Tgt Ion:284 Resp: 5478
Ion Ratio Lower Upper
284 100
142 45.4 30.1 45.1#
249 32.1 25.7 38.5

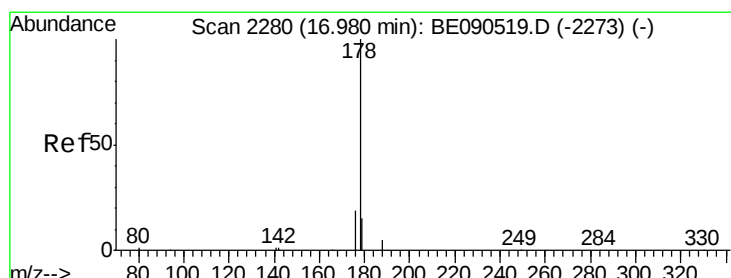
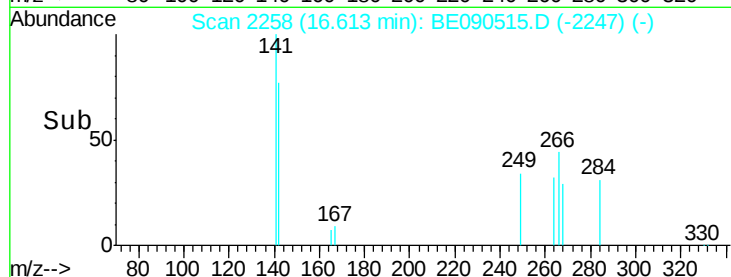
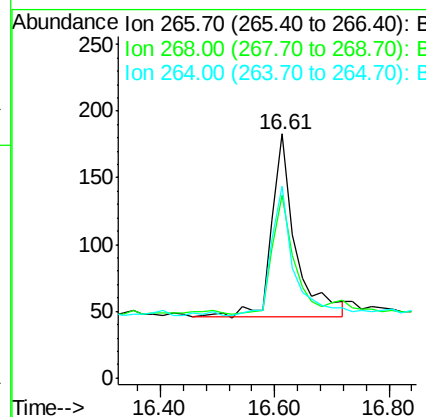
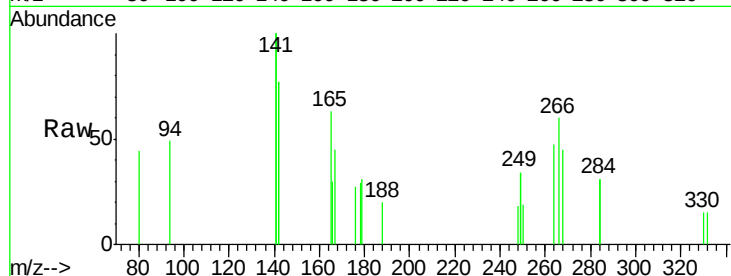




#21
 Pentachlorophenol
 Concen: 0.12 ng
 RT: 16.61 min Scan# 2258
 Delta R.T. -0.00 min
 Lab File: BE090515.D
 Acq: 14 Aug 2015 11:42

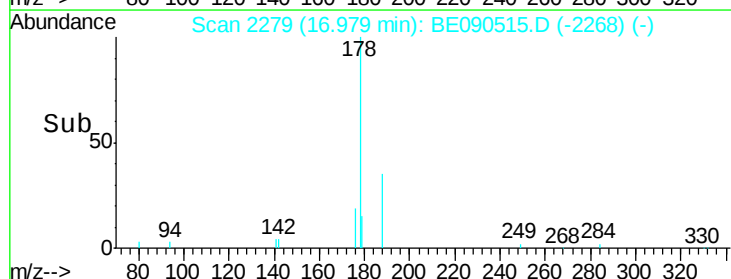
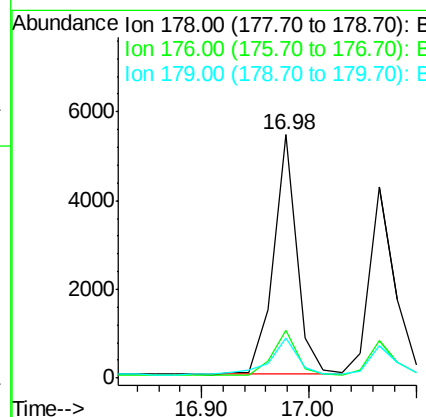
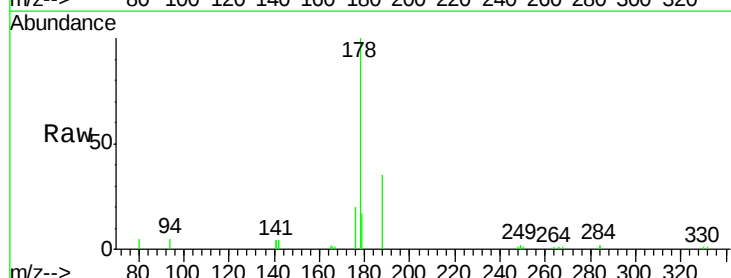
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

Tot Ion	Ratio	Lower	Upper
266	100		
268	74.9	58.5	87.7
264	78.7	56.0	84.0



#22
 Phenanthrene
 Concen: 0.12 ng
 RT: 16.98 min Scan# 2279
 Delta R.T. -0.00 min
 Lab File: BE090515.D
 Acq: 14 Aug 2015 11:42

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	18.5	12.5	18.7





#23

Anthracene

Concen: 0.12 ng

RT: 17.07 min Scan# 2284

Delta R.T. -0.00 min

Lab File: BE090515.D

Acq: 14 Aug 2015 11:42

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

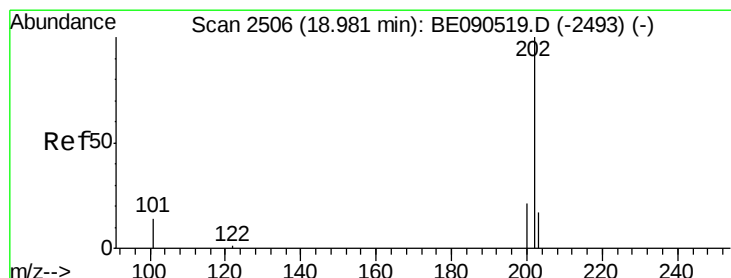
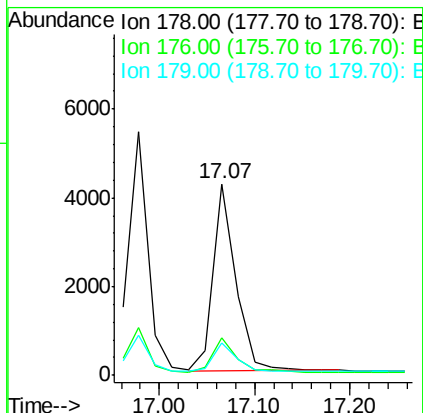
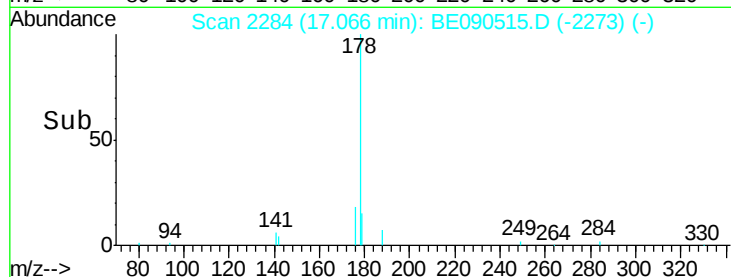
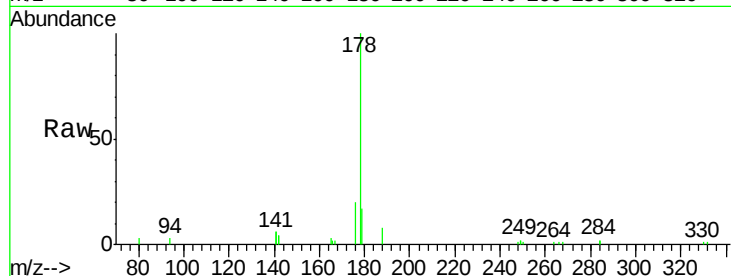
Tot Ion:178 Resp: 6976

Ion Ratio Lower Upper

178 100

176 18.9 14.9 22.3

179 15.4 12.2 18.4



#24

Fluoranthene

Concen: 0.12 ng

RT: 18.98 min Scan# 2505

Delta R.T. 0.00 min

Lab File: BE090515.D

Acq: 14 Aug 2015 11:42

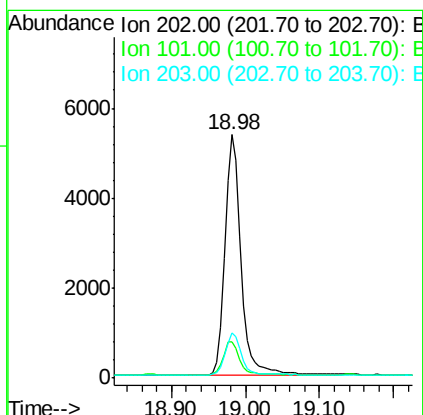
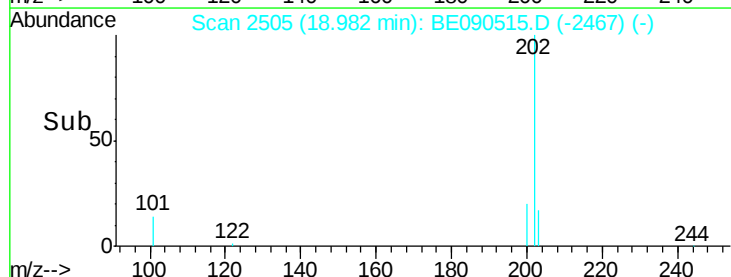
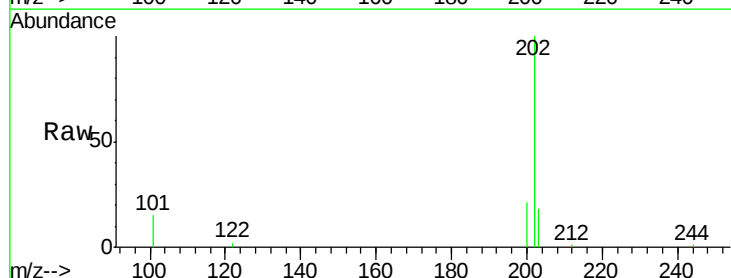
Tgt Ion:202 Resp: 8283

Ion Ratio Lower Upper

202 100

101 13.7 10.3 15.5

203 17.6 13.7 20.5





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.09 min Scan# 2864

Delta R.T. 0.00 min

Lab File: BE090515.D

Acq: 14 Aug 2015 11:42

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

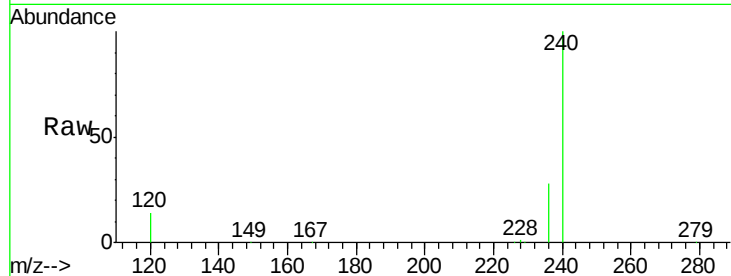
Tot Ion:240 Resp: 237310

Ion Ratio Lower Upper

240 100

120 13.5 8.3 12.5#

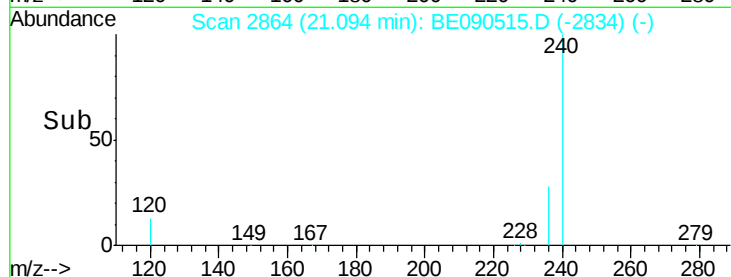
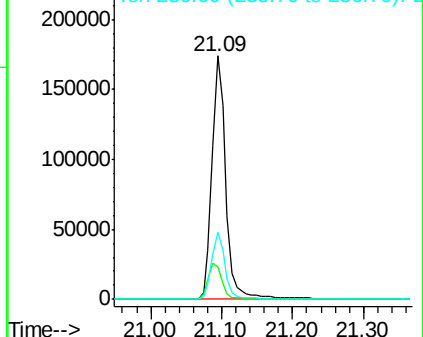
236 27.6 21.0 31.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#26

Pyrene

Concen: 0.12 ng

RT: 19.34 min Scan# 2573

Delta R.T. 0.00 min

Lab File: BE090515.D

Acq: 14 Aug 2015 11:42

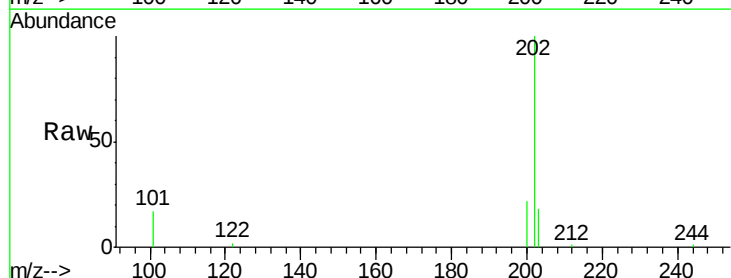
Tgt Ion:202 Resp: 8618

Ion Ratio Lower Upper

202 100

200 20.8 16.7 25.1

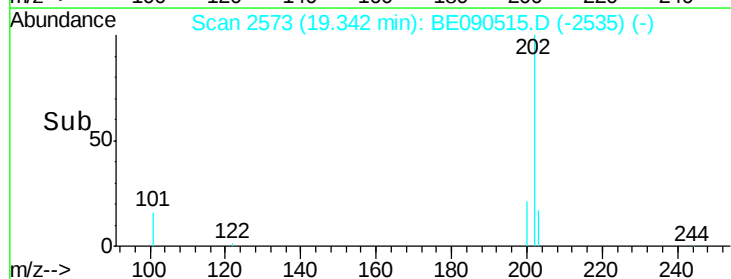
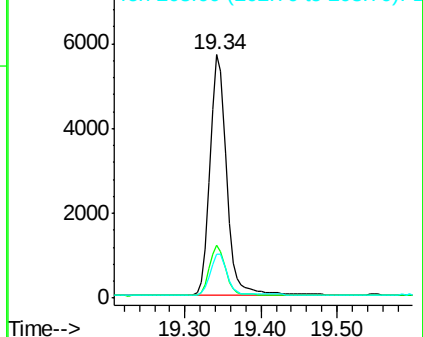
203 17.2 13.8 20.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Terphenyl-d14

Concen: 0.12 ng

RT: 19.55 min Scan# 2613

Delta R.T. 0.00 min

Lab File: BE090515.D

Acq: 14 Aug 2015 11:42

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

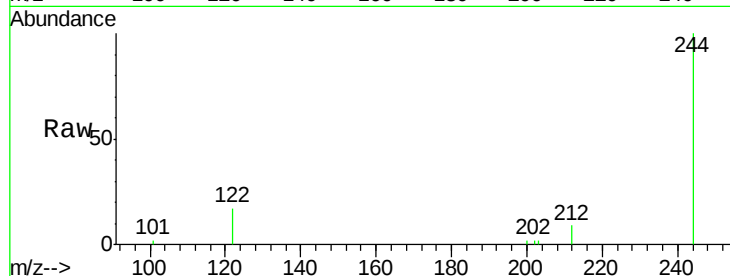
Tot Ion:244 Resp: 5421

Ion Ratio Lower Upper

244 100

212 8.8 6.6 9.8

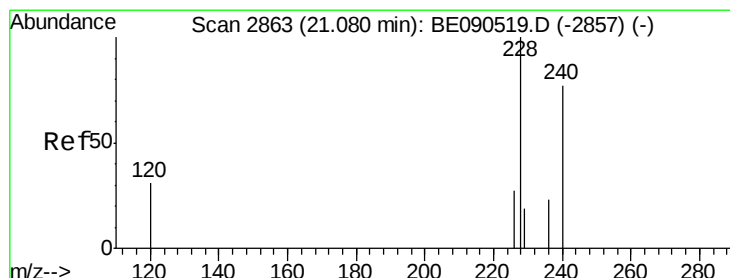
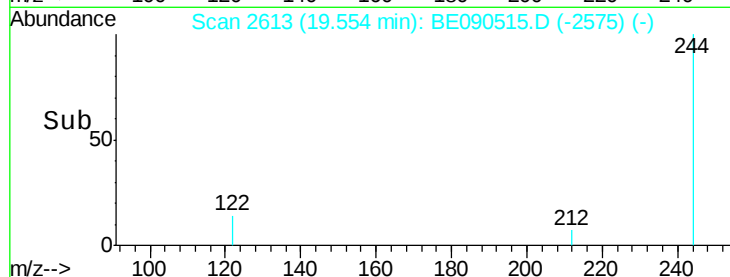
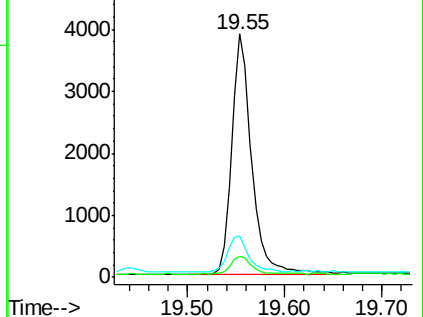
122 17.0 10.2 15.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#28

Benzo(a)anthracene

Concen: 0.12 ng

RT: 21.08 min Scan# 2862

Delta R.T. 0.00 min

Lab File: BE090515.D

Acq: 14 Aug 2015 11:42

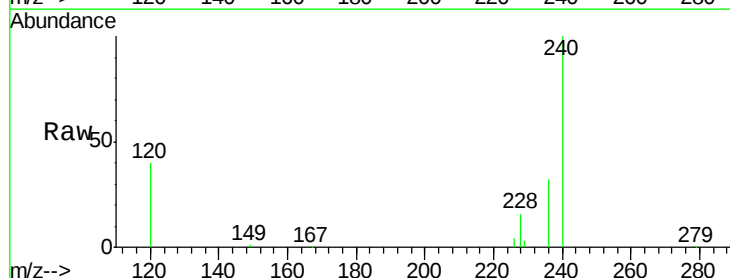
Tgt Ion:228 Resp: 8217

Ion Ratio Lower Upper

228 100

226 26.3 21.9 32.9

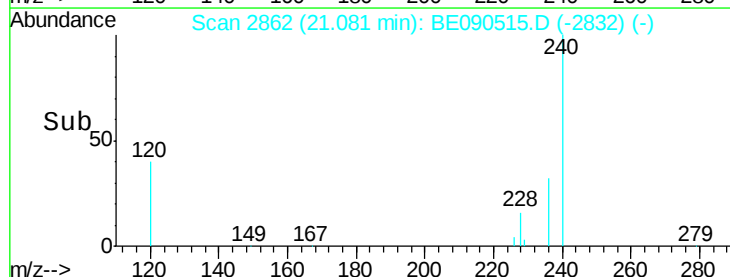
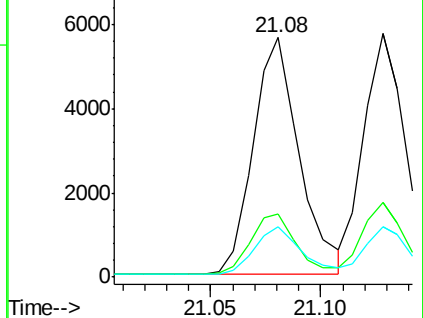
229 21.1 15.4 23.0



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





#29

Chrysene

Concen: 0.12 ng

RT: 21.13 min Scan# 2869

Delta R.T. 0.00 min

Lab File: BE090515.D

Acq: 14 Aug 2015 11:42

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

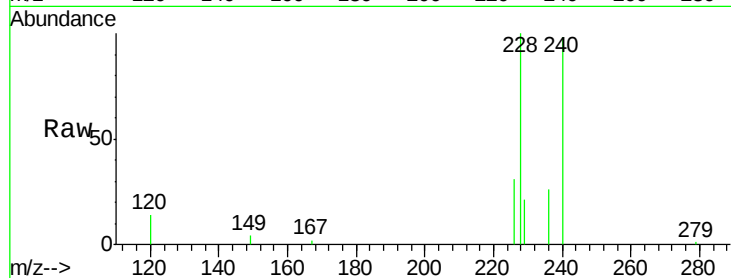
Tot Ion:228 Resp: 8120

Ion Ratio Lower Upper

228 100

226 30.8 23.1 34.7

229 20.5 15.8 23.8

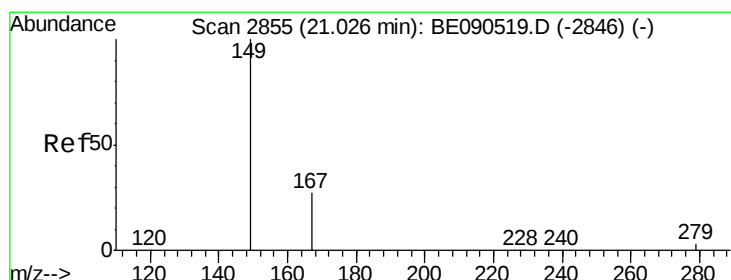
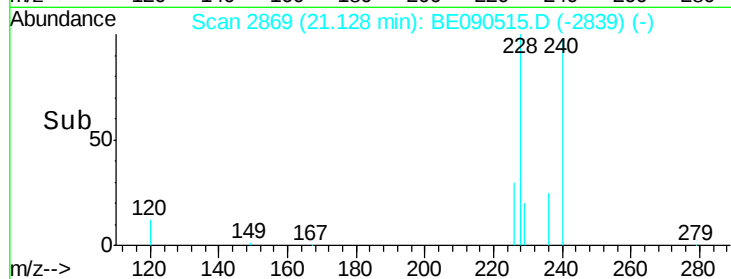
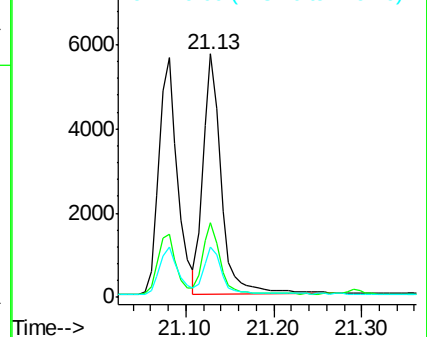


Abundance

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: 0.13 ng

RT: 21.02 min Scan# 2853

Delta R.T. -0.01 min

Lab File: BE090515.D

Acq: 14 Aug 2015 11:42

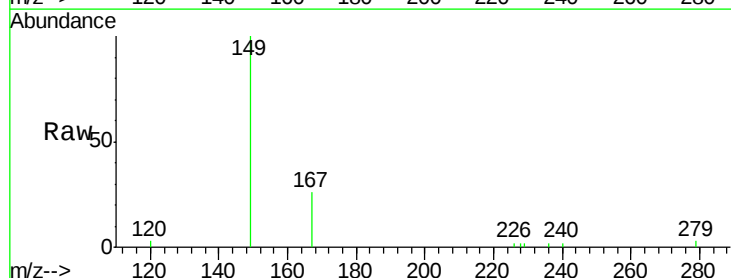
Tgt Ion:149 Resp: 4465

Ion Ratio Lower Upper

149 100

167 25.8 19.8 29.8

279 3.0 2.4 3.6

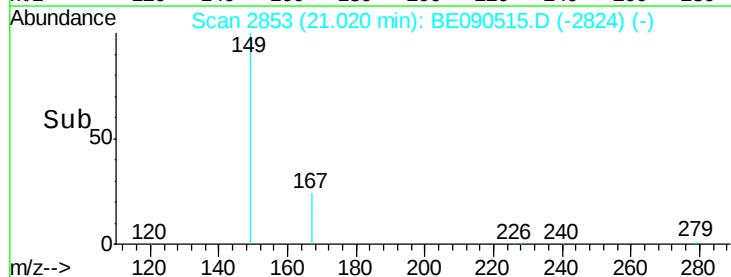
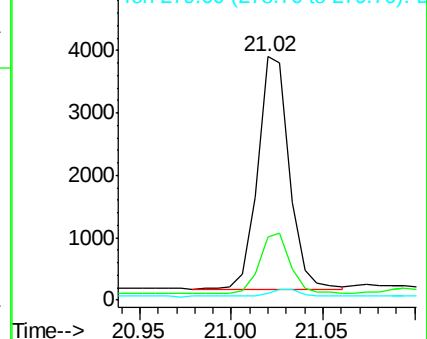


Abundance

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: 0.12 ng

RT: 25.78 min Scan# 3827

Delta R.T. 0.01 min

Lab File: BE090515.D

Acq: 14 Aug 2015 11:42

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

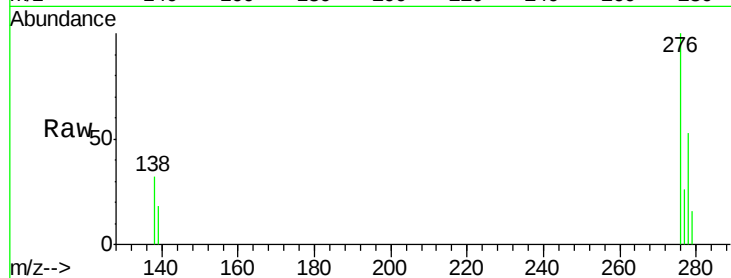
Tot Ion:276 Resp: 7294

Ion Ratio Lower Upper

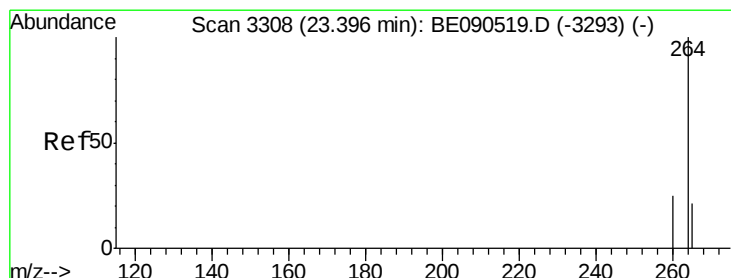
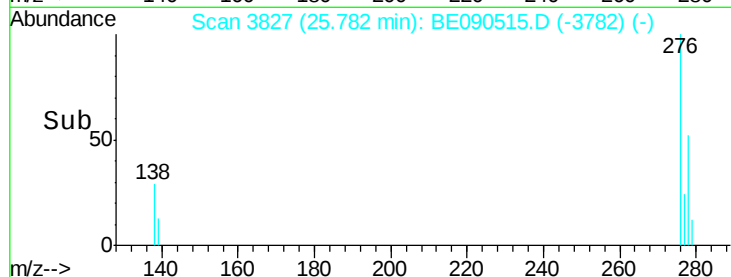
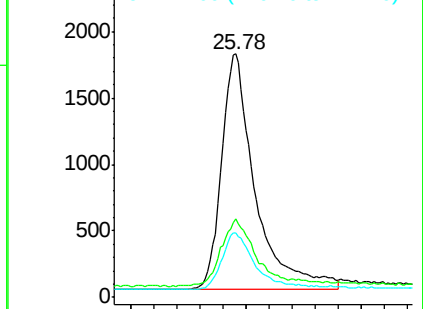
276 100

138 28.0 18.8 28.2

277 24.1 18.2 27.4



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: 23.40 min Scan# 3307

Delta R.T. 0.00 min

Lab File: BE090515.D

Acq: 14 Aug 2015 11:42

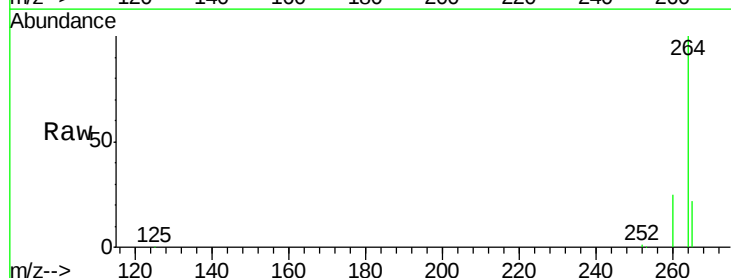
Tgt Ion:264 Resp: 220355

Ion Ratio Lower Upper

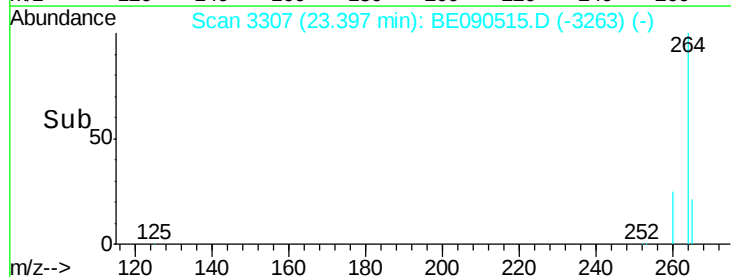
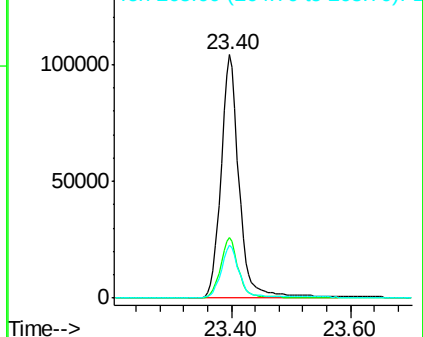
264 100

260 25.0 20.1 30.1

265 21.7 17.2 25.8



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: 0.11 ng

RT: 22.70 min Scan# 3153

Delta R.T. 0.00 min

Lab File: BE090515.D

Acq: 14 Aug 2015 11:42

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

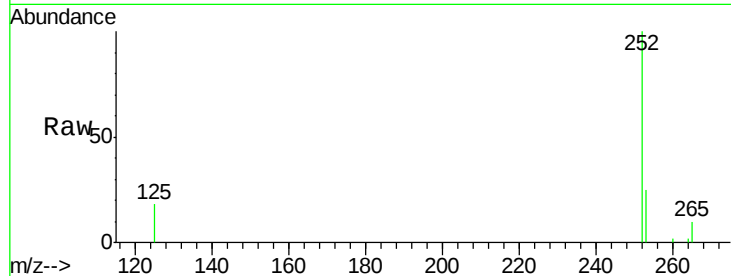
Tot Ion:252 Resp: 6177

Ion Ratio Lower Upper

252 100

253 25.0 18.1 27.1

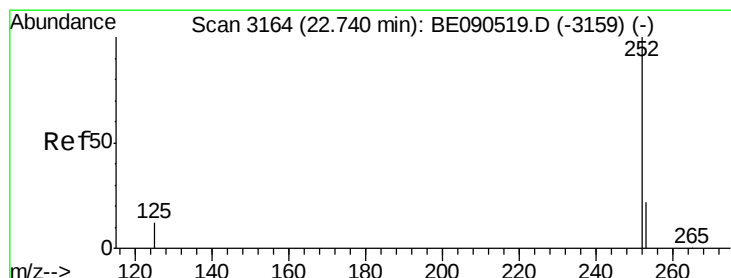
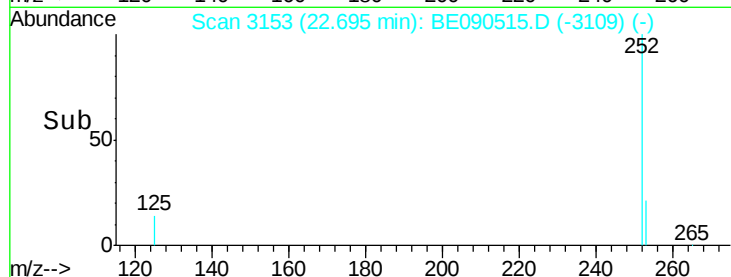
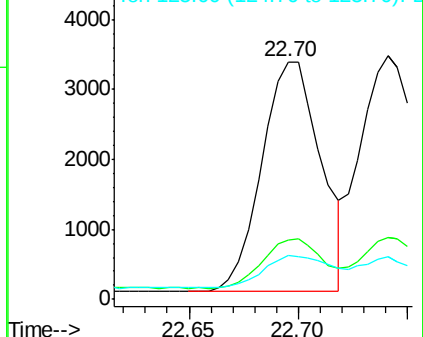
125 18.4 9.4 14.2#



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: 0.12 ng

RT: 22.74 min Scan# 3163

Delta R.T. 0.00 min

Lab File: BE090515.D

Acq: 14 Aug 2015 11:42

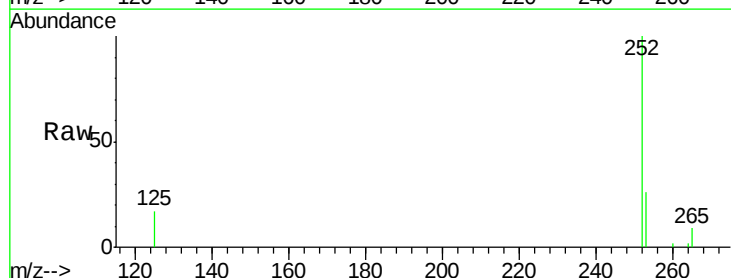
Tgt Ion:252 Resp: 7268

Ion Ratio Lower Upper

252 100

253 25.5 18.1 27.1

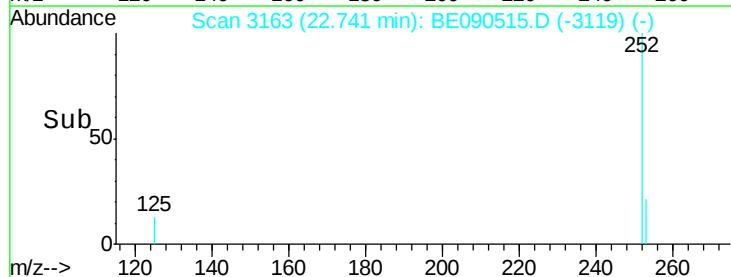
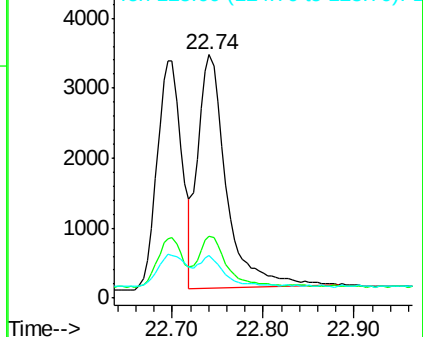
125 17.4 9.1 13.7#



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: 0.12 ng

RT: 23.29 min Scan# 3284

Delta R.T. 0.00 min

Lab File: BE090515.D

Acq: 14 Aug 2015 11:42

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.1

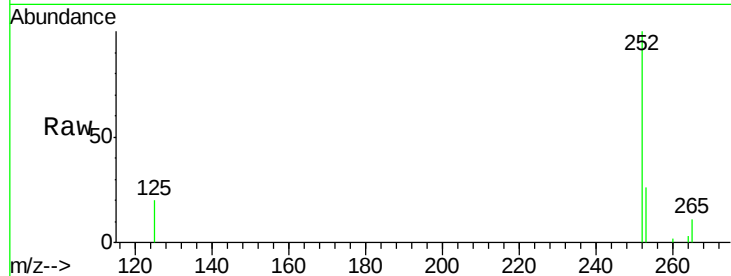
Tot Ion:252 Resp: 5854

Ion Ratio Lower Upper

252 100

253 25.7 17.6 26.4

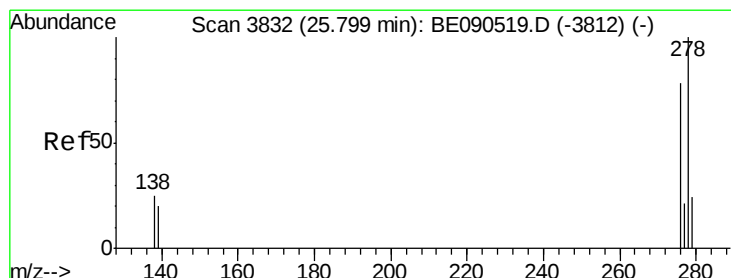
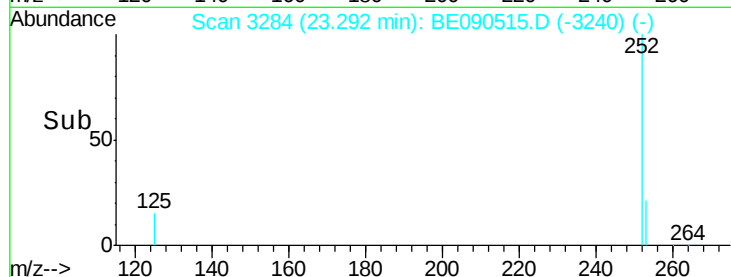
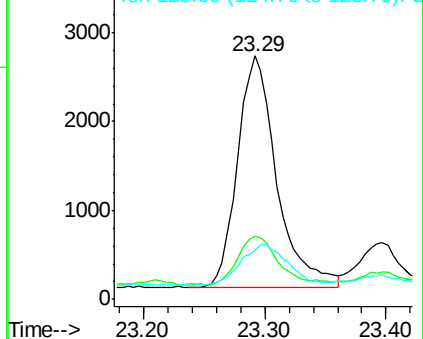
125 20.2 9.8 14.6#



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: 0.12 ng

RT: 25.80 min Scan# 3832

Delta R.T. 0.01 min

Lab File: BE090515.D

Acq: 14 Aug 2015 11:42

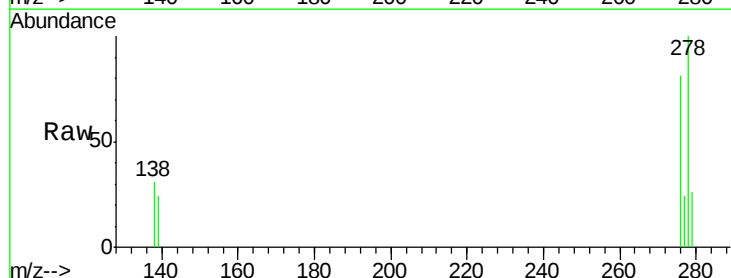
Tgt Ion:278 Resp: 5572

Ion Ratio Lower Upper

278 100

139 24.1 14.2 21.4#

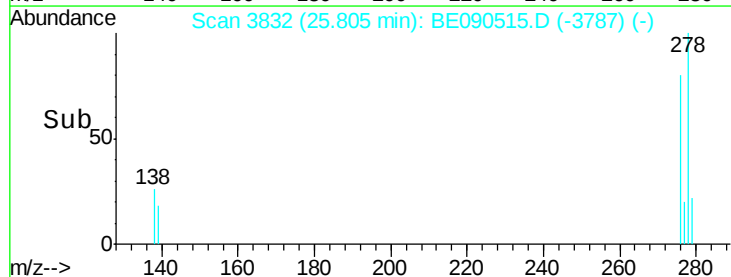
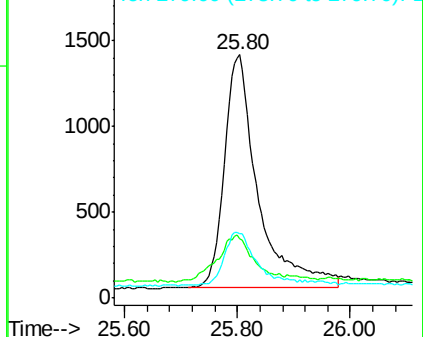
279 26.3 20.1 30.1

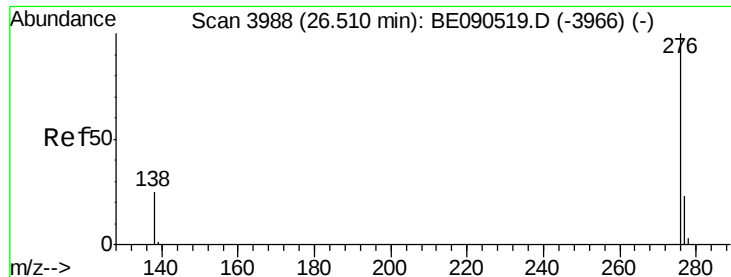


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.12 ng

RT: 26.50 min Scan# 3985

Delta R.T. -0.01 min

Lab File: BE090515.D

Acq: 14 Aug 2015 11:42

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

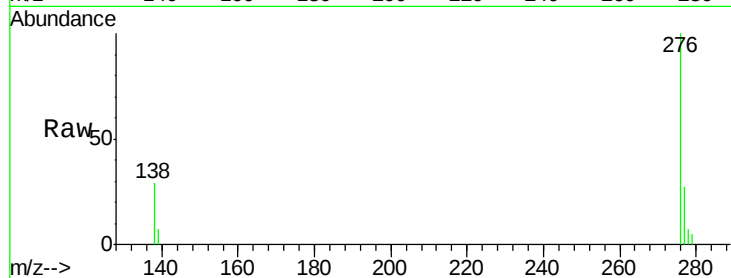
Tot Ion: 276 Resp: 6165

Ion Ratio Lower Upper

276 100

277 26.7 20.1 30.1

138 29.4 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

