

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE071015\
 Data File : BE090081.D
 Acq On : 10 Jul 2015 12:37
 Operator : TP/IZ
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

Quant Time: Jul 10 23:08:10 2015
 Quant Method : Z:\HPCHEM1\BNA_E\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

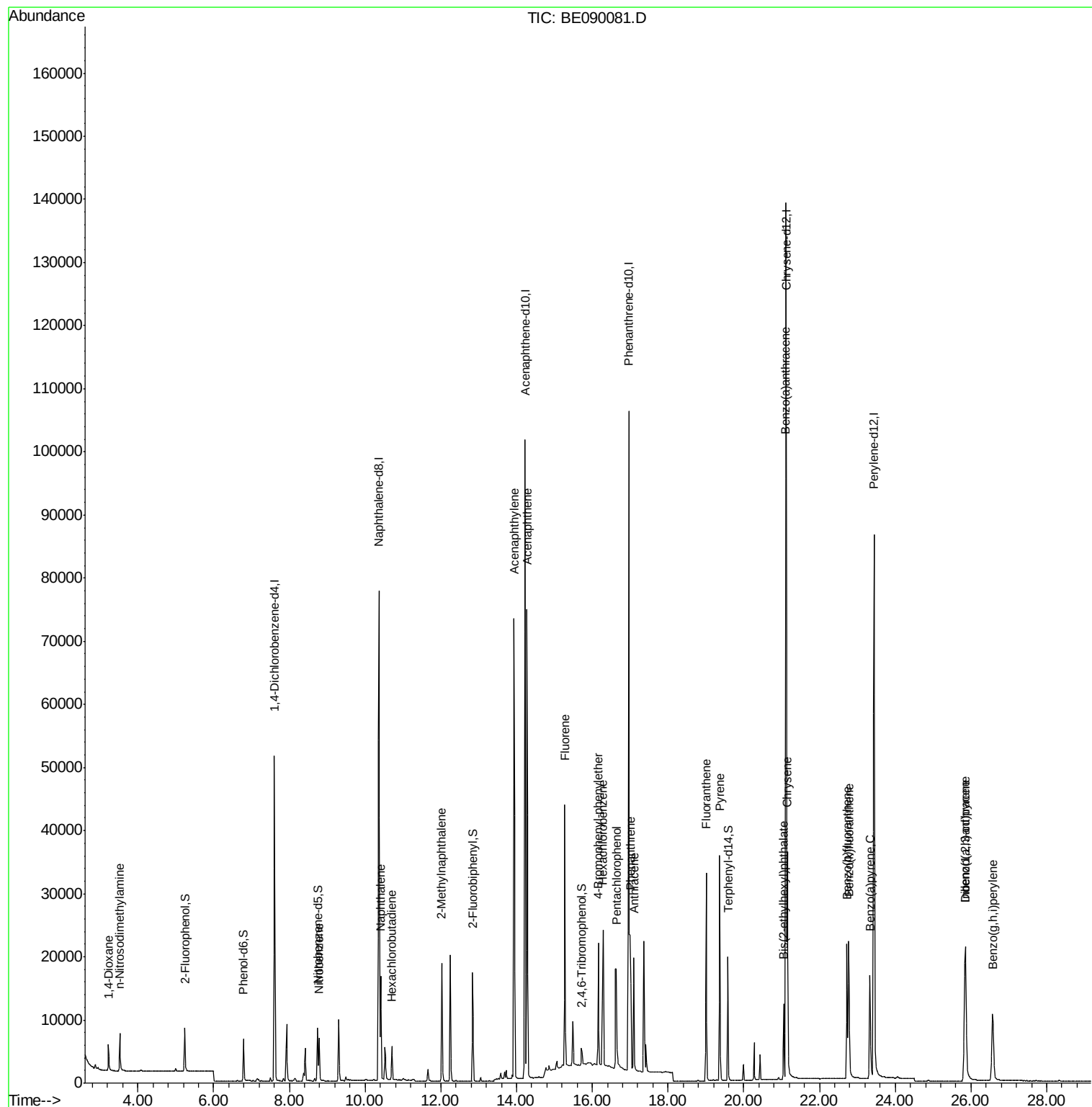
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	24410	5.00	ng	-0.02
6) Naphthalene-d8	10.36	136	103486	5.00	ng	-0.02
12) Acenaphthene-d10	14.22	164	56356	5.00	ng	-0.01
18) Phenanthrene-d10	16.96	188	123624	5.00	ng	-0.02
25) Chrysene-d12	21.12	240	134419	5.00	ng	-0.01
32) Perylene-d12	23.44	264	123194	5.00	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	5159	0.92	ng	-0.01
5) Phenol-d6	6.79	99	7439	0.95	ng	0.00
7) Nitrobenzene-d5	8.74	82	7198	0.88	ng	-0.02
13) 2,4,6-Tribromophenol	15.73	330	1382	0.84	ng	0.00
14) 2-Fluorobiphenyl	12.84	172	15567	0.92	ng	-0.02
27) Terphenyl-d14	19.58	244	21013	0.94	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.23	88	2991	0.89	ng	90
3) n-Nitrosodimethylamine	3.51	42	3700	0.81	ng	# 93
8) Nitrobenzene	8.78	77	7581	0.87	ng	99
9) Naphthalene	10.41	128	21587	0.92	ng	99
10) Hexachlorobutadiene	10.71	225	3514	0.96	ng	100
11) 2-Methylnaphthalene	12.03	142	13587	0.87	ng	99
15) Acenaphthylene	13.93	152	93336	0.92	ng	100
16) Acenaphthene	14.28	154	13610	0.93	ng	98
17) Fluorene	15.27	166	17828	0.89	ng	98
19) 4-Bromophenyl-phenylether	16.16	248	4774	0.91	ng	97
20) Hexachlorobenzene	16.28	284	19698	0.90	ng	99
21) Pentachlorophenol	16.63	266	11006	4.06	ng	98
22) Phenanthrene	17.00	178	27633	0.87	ng	100
23) Anthracene	17.10	178	25851	0.89	ng	99
24) Fluoranthene	19.00	202	30303	0.86	ng	100
26) Pyrene	19.36	202	31771	0.99	ng	100
28) Benzo(a)anthracene	21.10	228	30990	0.92	ng	100
29) Chrysene	21.16	228	31440	0.90	ng	99
30) Bis(2-ethylhexyl)phthalate	21.05	149	11272	0.99	ng	98
31) Indeno(1,2,3-cd)pyrene	25.84	276	31498	0.94	ng	99
33) Benzo(b)fluoranthene	22.73	252	27412	1.01	ng	99
34) Benzo(k)fluoranthene	22.77	252	30787	1.01	ng	99
35) Benzo(a)pyrene	23.33	252	25505	1.02	ng	99
36) Dibenzo(a,h)anthracene	25.85	278	24969	0.97	ng	98
37) Benzo(g,h,i)perylene	26.57	276	25562	0.98	ng	98

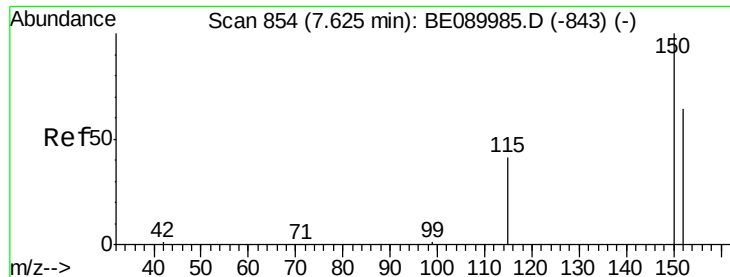
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jun 30 07:01:01 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.61 min Scan# 850

Delta R.T. -0.02 min

Lab File: BE090081.D

Acq: 10 Jul 2015 12:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

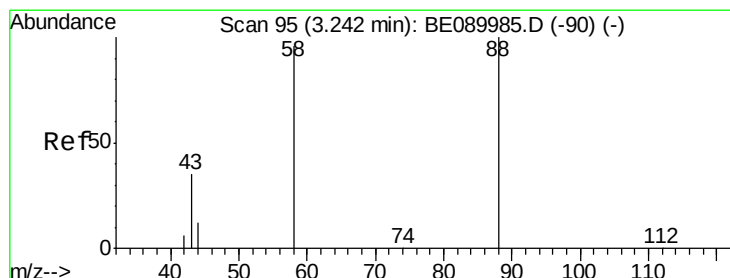
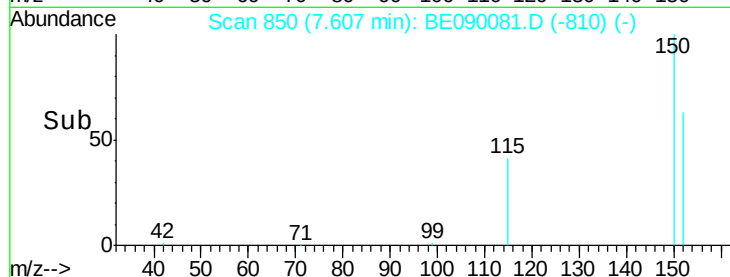
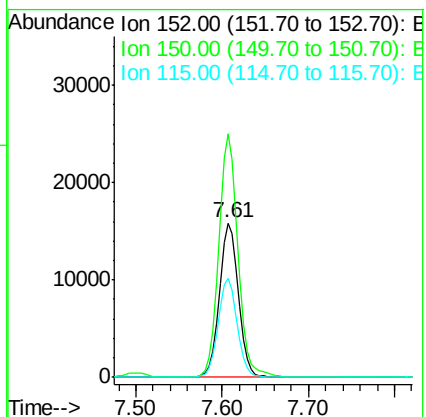
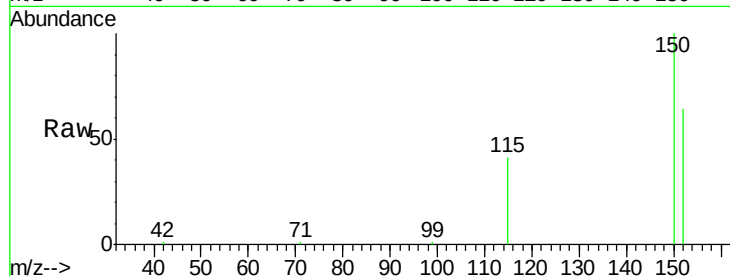
Tgt Ion:152 Resp: 24410

Ion Ratio Lower Upper

152 100

150 157.5 123.9 185.9

115 64.2 50.6 76.0



#2

1,4-Dioxane

Concen: 0.89 ng

RT: 3.23 min Scan# 93

Delta R.T. -0.01 min

Lab File: BE090081.D

Acq: 10 Jul 2015 12:37

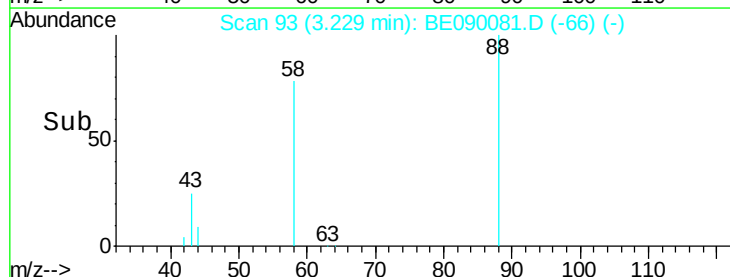
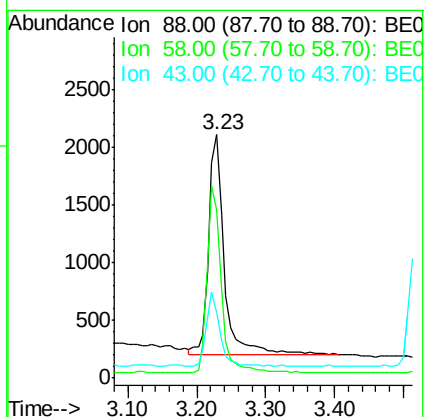
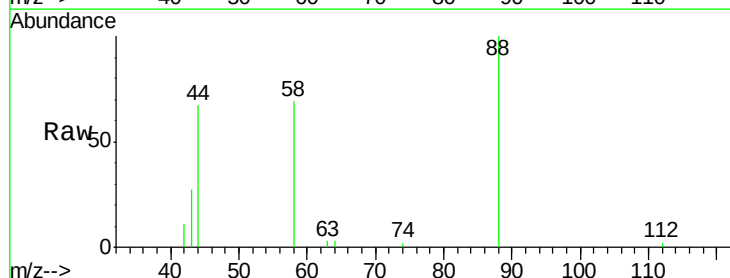
Tgt Ion: 88 Resp: 2991

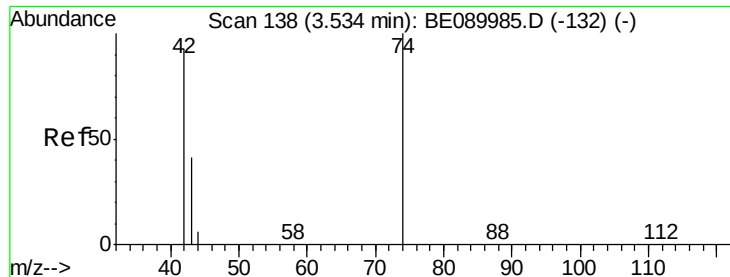
Ion Ratio Lower Upper

88 100

58 77.6 70.9 106.3

43 31.0 27.6 41.4



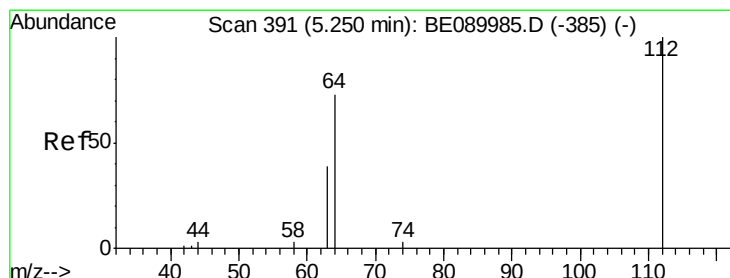
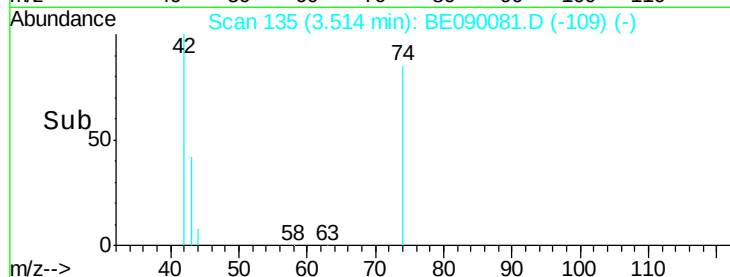
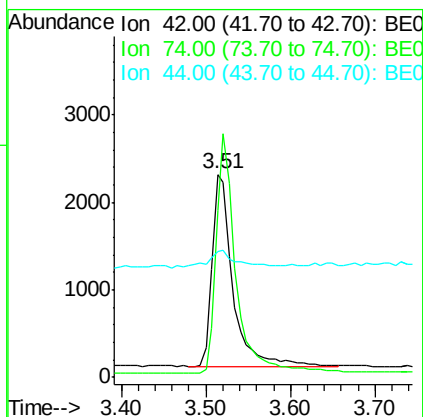
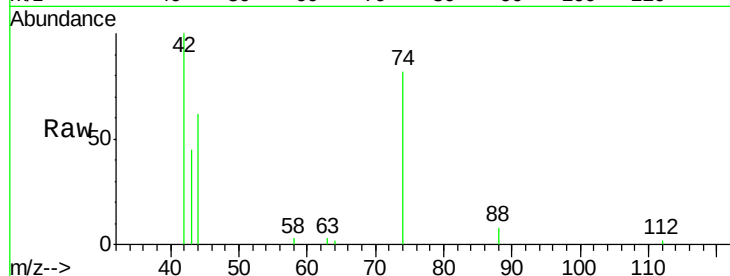


#3

n-Nitrosodimethylamine
 Concen: 0.81 ng
 RT: 3.51 min Scan# 135
 Delta R.T. -0.02 min
 Lab File: BE090081.D
 Acq: 10 Jul 2015 12:37

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

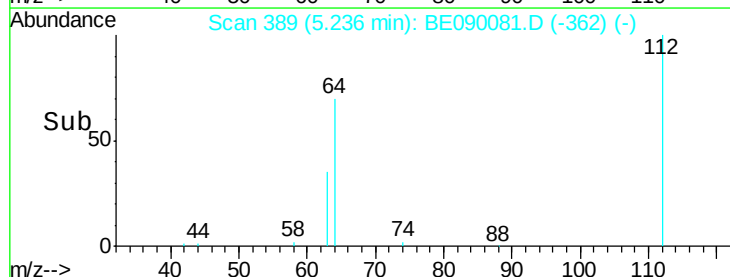
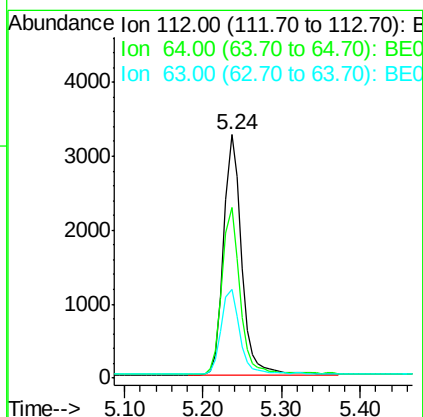
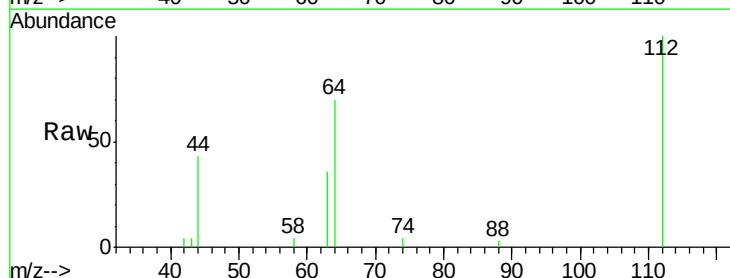
Tgt Ion: 42 Resp: 3700
 Ion Ratio Lower Upper
 42 100
 74 119.6 89.4 134.2
 44 12.3 6.9 10.3#

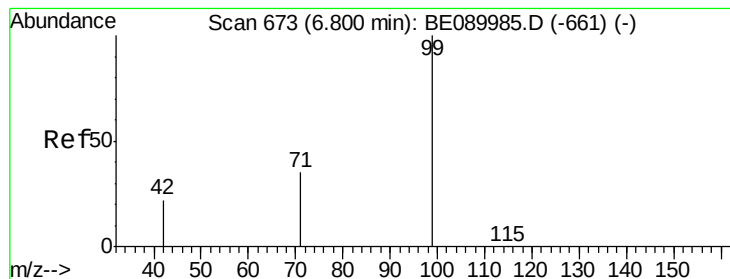


#4

2-Fluorophenol
 Concen: 0.92 ng
 RT: 5.24 min Scan# 389
 Delta R.T. -0.01 min
 Lab File: BE090081.D
 Acq: 10 Jul 2015 12:37

Tgt Ion: 112 Resp: 5159
 Ion Ratio Lower Upper
 112 100
 64 70.4 56.3 84.5
 63 35.7 29.8 44.6





#5

Phenol-d6

Concen: 0.95 ng

RT: 6.79 min Scan# 671

Delta R.T. -0.01 min

Lab File: BE090081.D

Acq: 10 Jul 2015 12:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

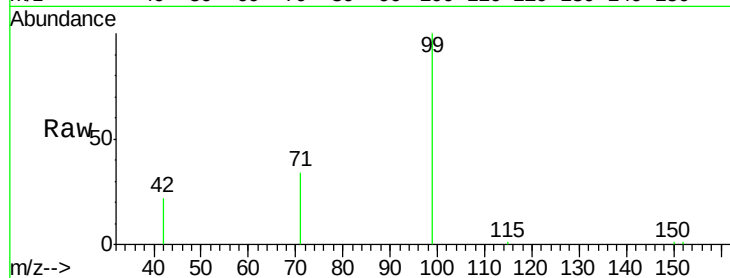
Tgt Ion: 99 Resp: 7439

Ion Ratio Lower Upper

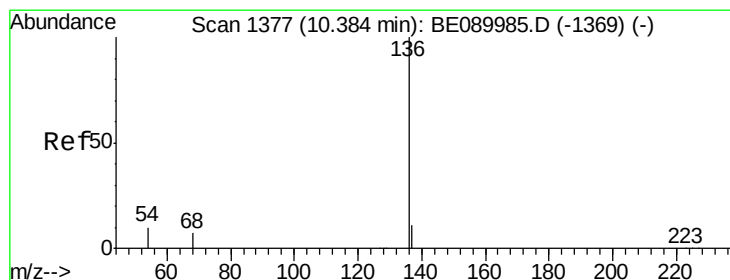
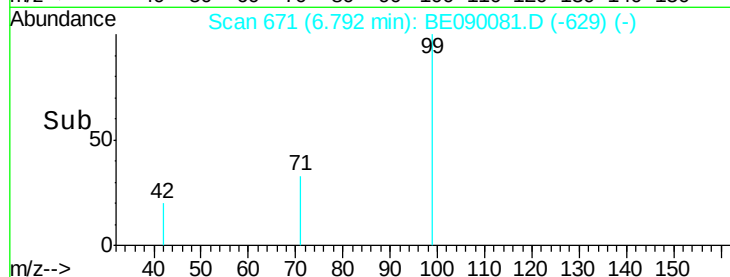
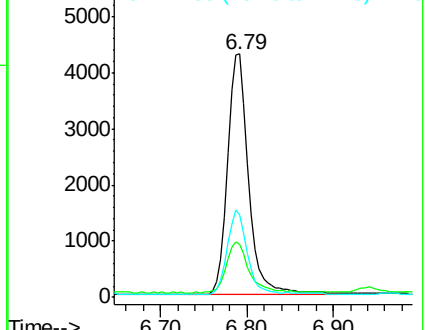
99 100

42 22.3 18.7 28.1

71 33.1 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: 10.36 min Scan# 1374

Delta R.T. -0.02 min

Lab File: BE090081.D

Acq: 10 Jul 2015 12:37

Tgt Ion: 136 Resp: 103486

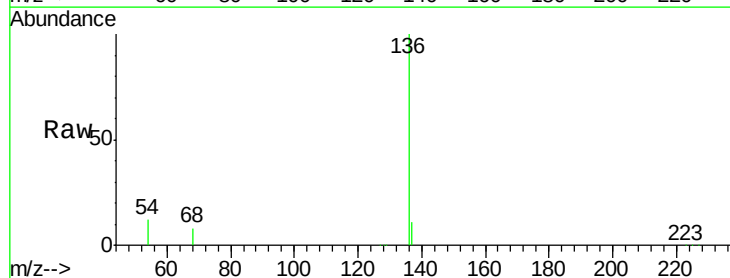
Ion Ratio Lower Upper

136 100

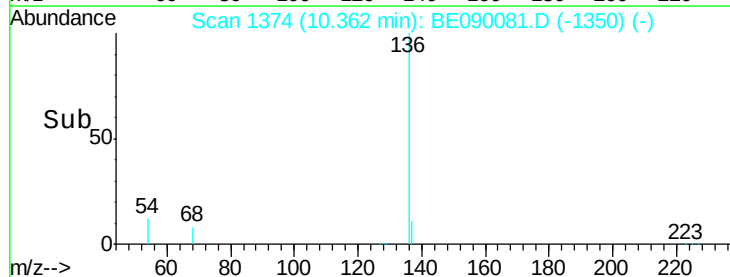
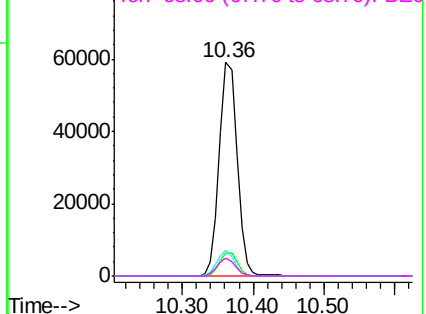
137 11.0 8.9 13.3

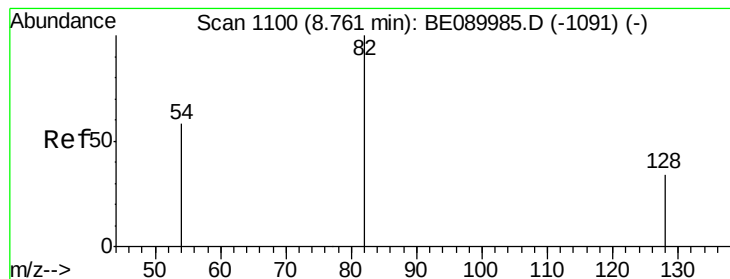
54 12.0 8.2 12.4

68 8.4 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: 0.88 ng

RT: 8.74 min Scan# 1096

Delta R.T. -0.02 min

Lab File: BE090081.D

Acq: 10 Jul 2015 12:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

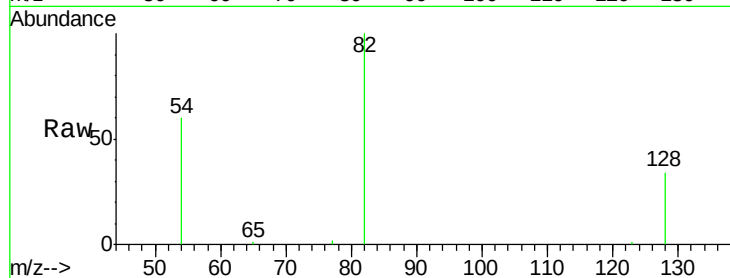
Tgt Ion: 82 Resp: 7198

Ion Ratio Lower Upper

82 100

128 33.8 28.0 42.0

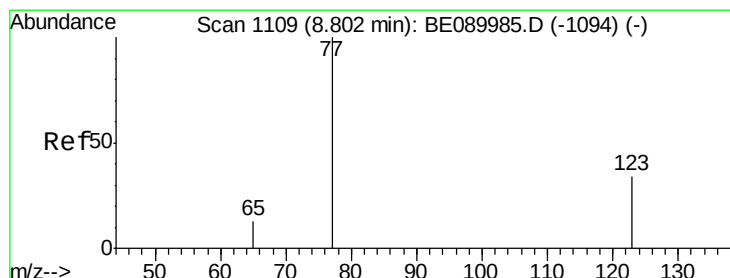
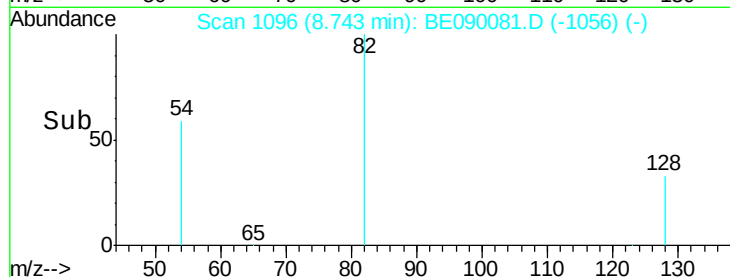
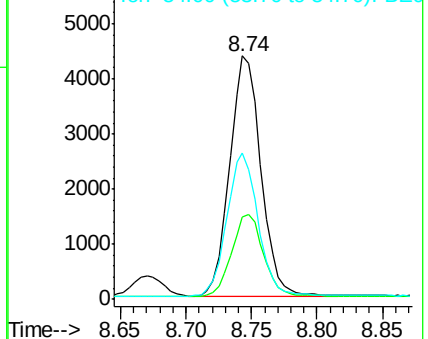
54 60.1 47.6 71.4



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



#8

Nitrobenzene

Concen: 0.87 ng

RT: 8.78 min Scan# 1105

Delta R.T. -0.02 min

Lab File: BE090081.D

Acq: 10 Jul 2015 12:37

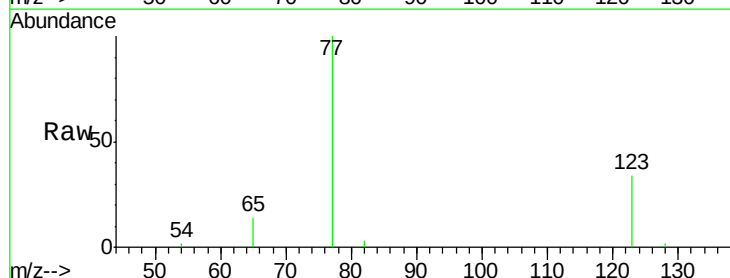
Tgt Ion: 77 Resp: 7581

Ion Ratio Lower Upper

77 100

123 35.2 27.4 41.0

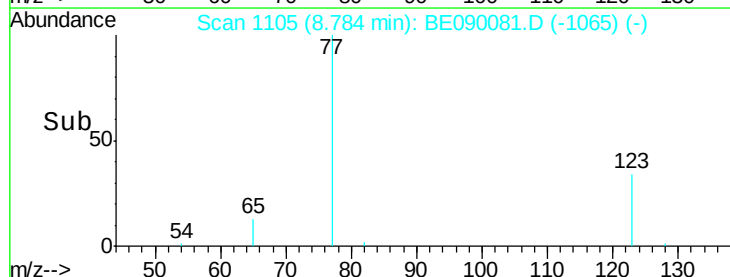
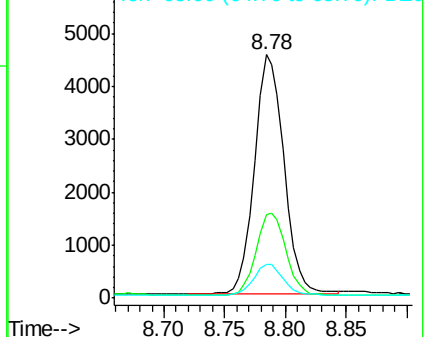
65 12.9 10.6 15.8

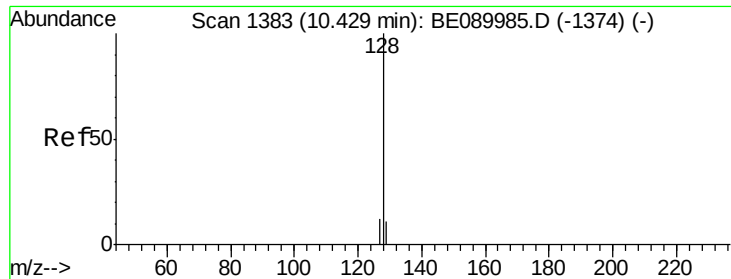


Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0





#9

Naphthalene

Concen: 0.92 ng

RT: 10.41 min Scan# 1381

Delta R.T. -0.01 min

Lab File: BE090081.D

Acq: 10 Jul 2015 12:37

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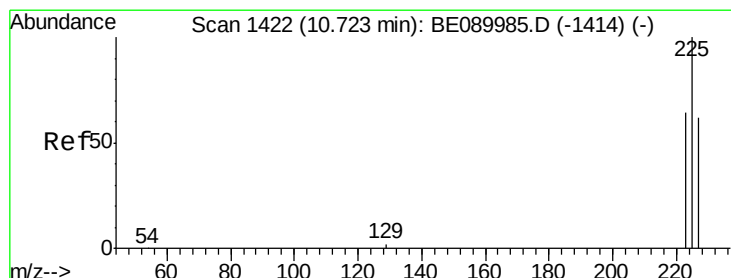
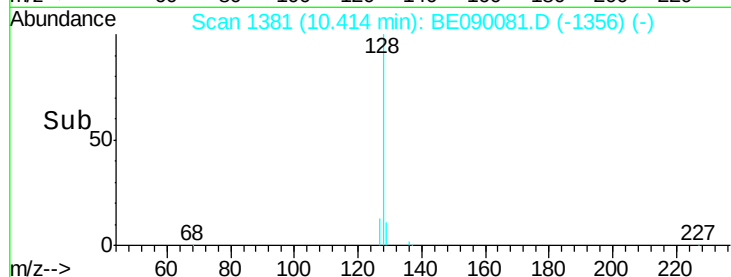
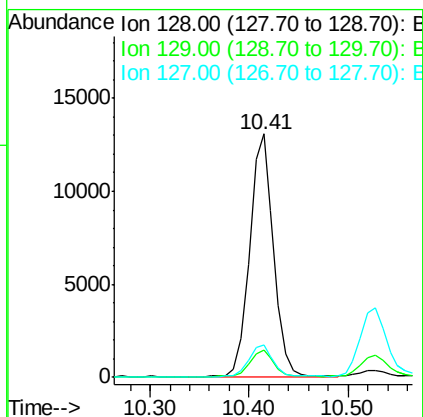
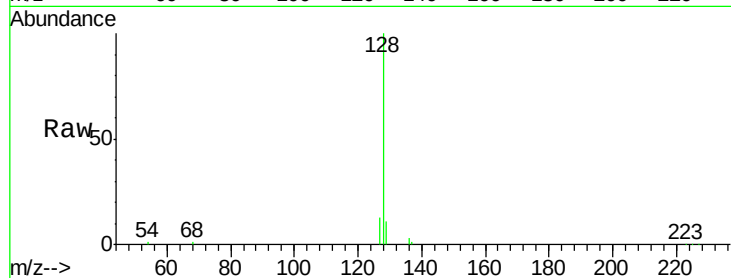
Tgt Ion:128 Resp: 21587

Ion Ratio Lower Upper

128 100

129 11.2 9.3 13.9

127 13.1 10.2 15.4



#10

Hexachlorobutadiene

Concen: 0.96 ng

RT: 10.71 min Scan# 1420

Delta R.T. -0.01 min

Lab File: BE090081.D

Acq: 10 Jul 2015 12:37

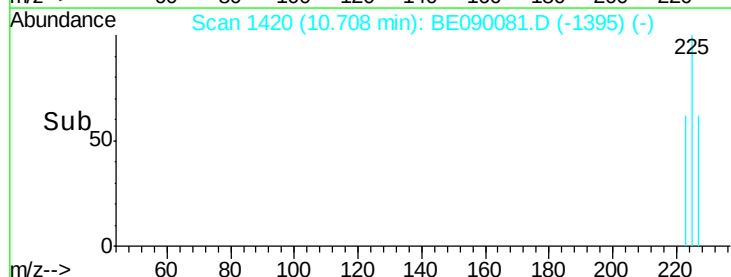
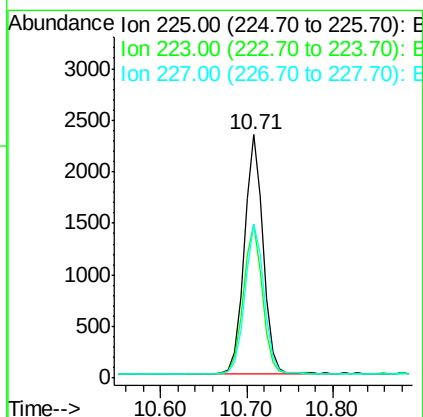
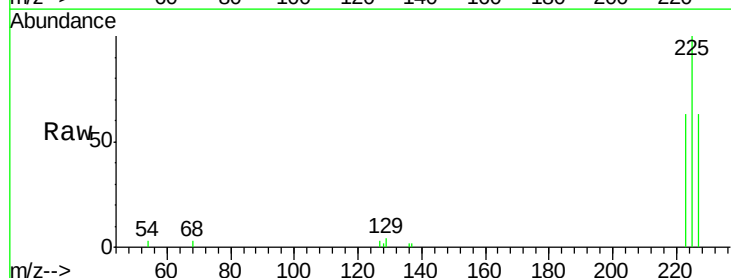
Tgt Ion:225 Resp: 3514

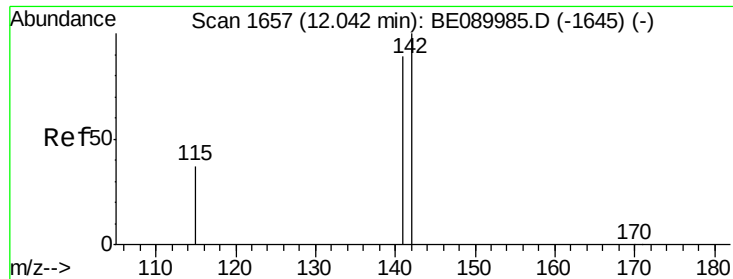
Ion Ratio Lower Upper

225 100

223 62.7 50.1 75.1

227 63.3 50.9 76.3

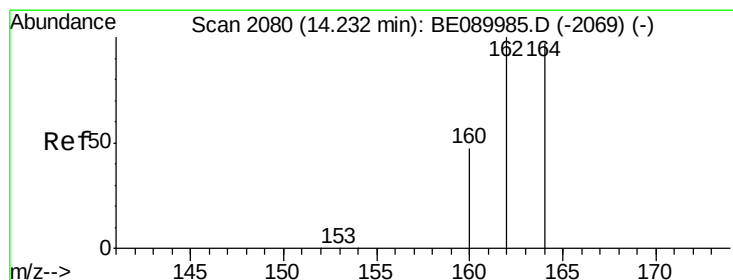
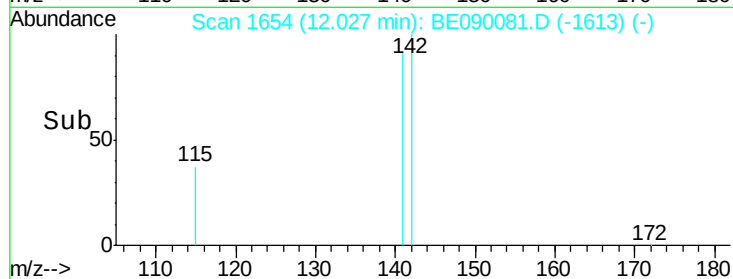
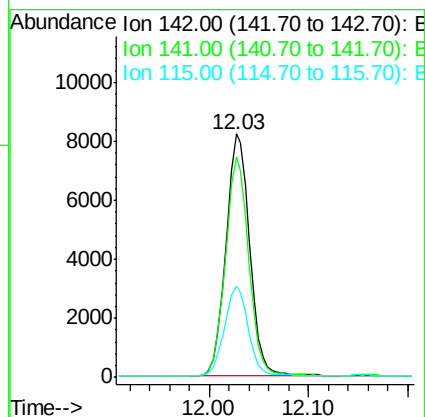
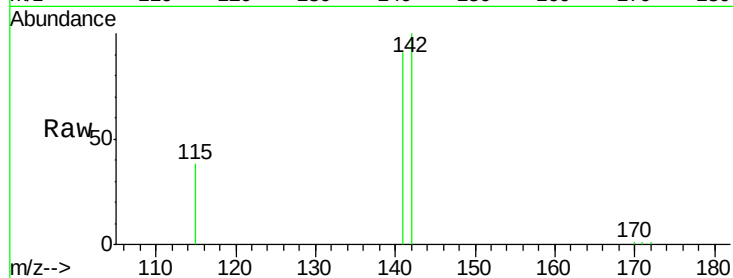




#11
2-Methylnaphthalene
Concen: 0.87 ng
RT: 12.03 min Scan# 1654
Delta R.T. -0.02 min
Lab File: BE090081.D
Acq: 10 Jul 2015 12:37

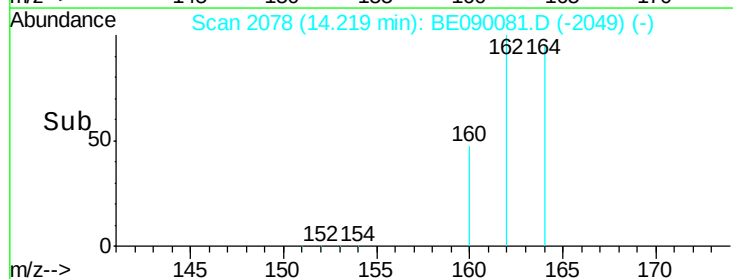
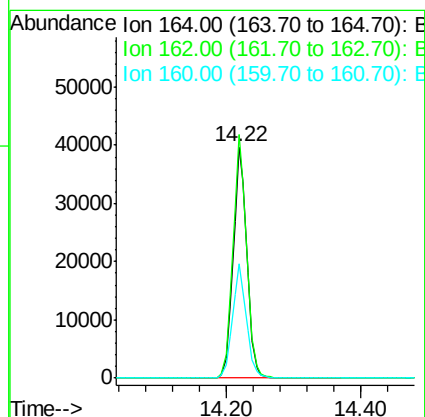
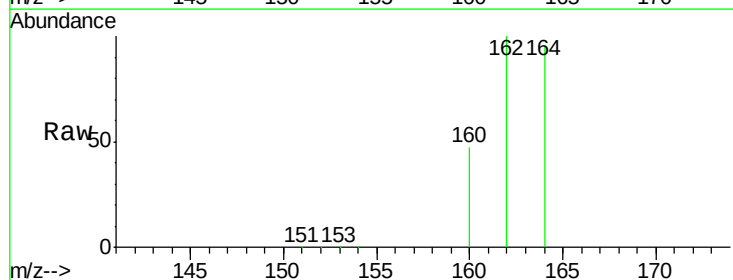
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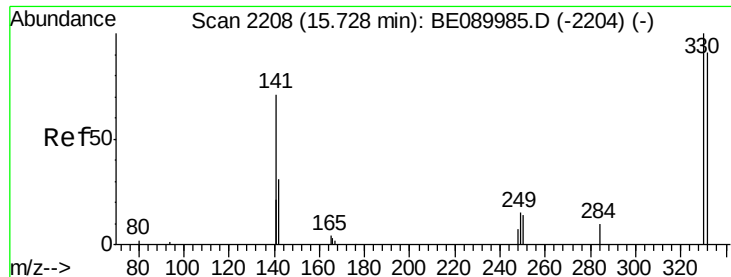
Tgt Ion:142 Resp: 13587
Ion Ratio Lower Upper
142 100
141 90.5 71.3 106.9
115 37.6 30.4 45.6



#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.22 min Scan# 2078
Delta R.T. -0.01 min
Lab File: BE090081.D
Acq: 10 Jul 2015 12:37

Tgt Ion:164 Resp: 56356
Ion Ratio Lower Upper
164 100
162 105.2 82.2 123.4
160 49.2 39.0 58.6

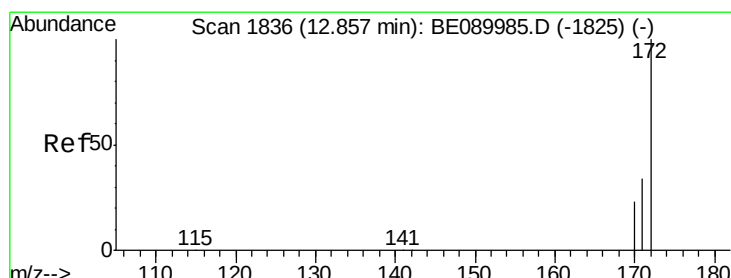
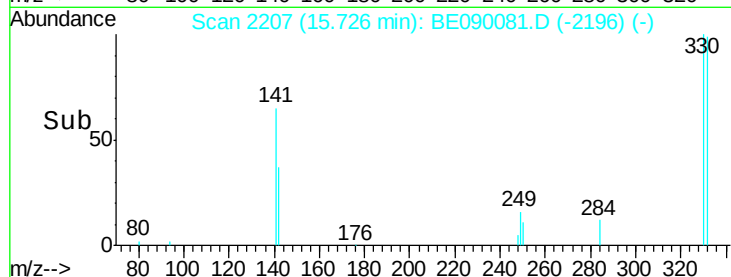
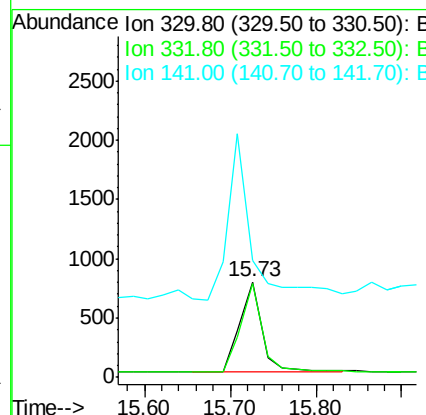
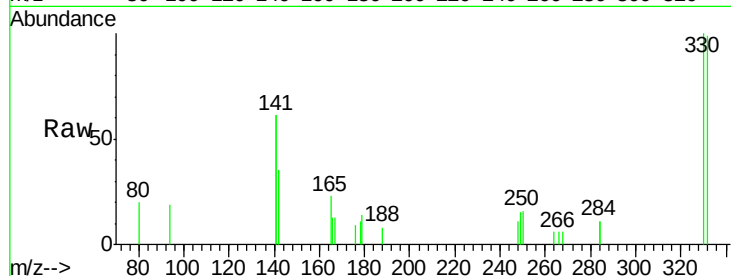




#13
 2,4,6-Tribromophenol
 Concen: 0.84 ng
 RT: 15.73 min Scan# 2207
 Delta R.T. -0.00 min
 Lab File: BE090081.D
 Acq: 10 Jul 2015 12:37

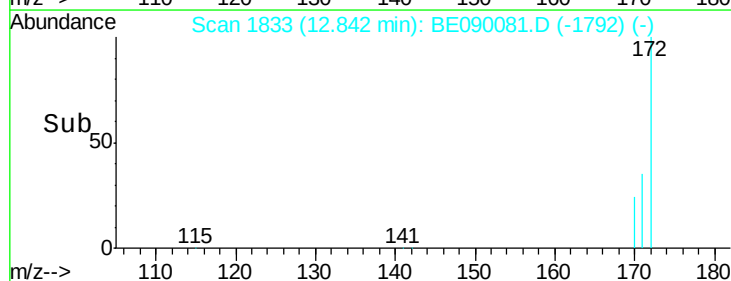
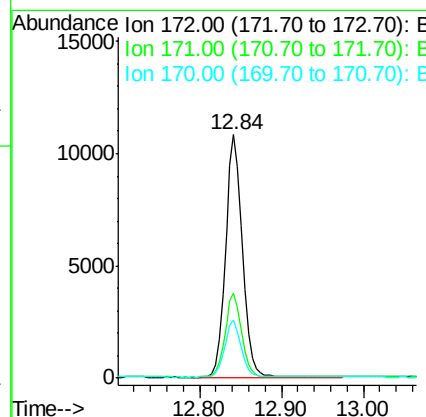
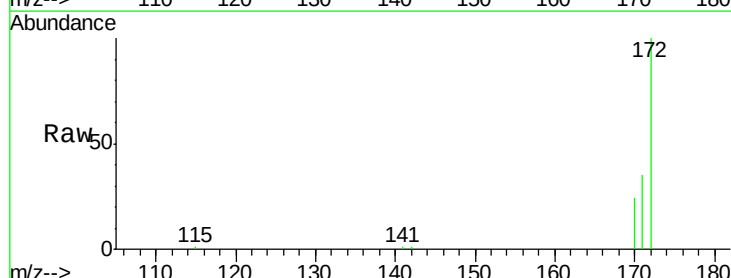
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

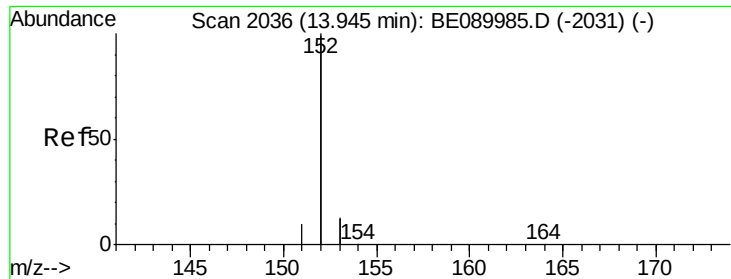
Tgt Ion: 330 Resp: 1382
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.4 114.6
 141 204.6 130.3 195.5#



#14
 2-Fluorobiphenyl
 Concen: 0.92 ng
 RT: 12.84 min Scan# 1833
 Delta R.T. -0.02 min
 Lab File: BE090081.D
 Acq: 10 Jul 2015 12:37

Tgt Ion: 172 Resp: 15567
 Ion Ratio Lower Upper
 172 100
 171 35.1 27.8 41.6
 170 24.0 18.3 27.5





#15

Acenaphthylene

Concen: 0.92 ng

RT: 13.93 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BE090081.D

Acq: 10 Jul 2015 12:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

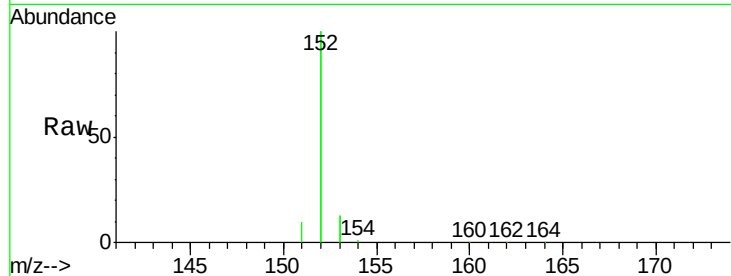
Tgt Ion:152 Resp: 93336

Ion Ratio Lower Upper

152 100

151 4.9 3.9 5.9

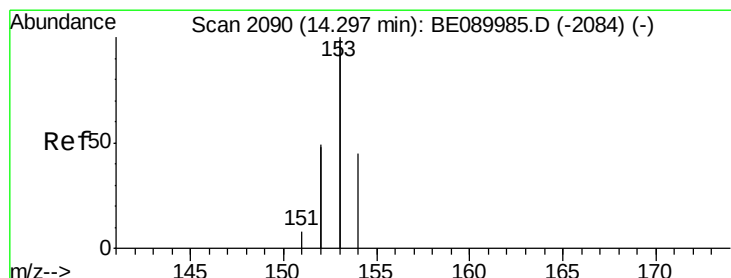
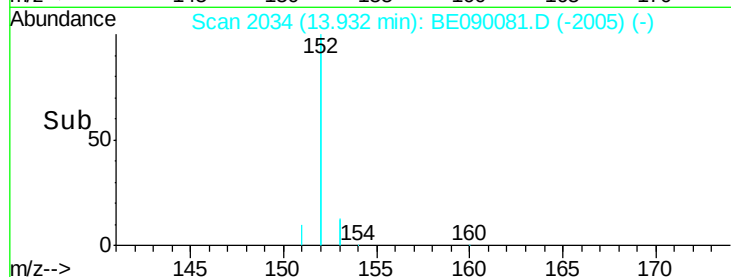
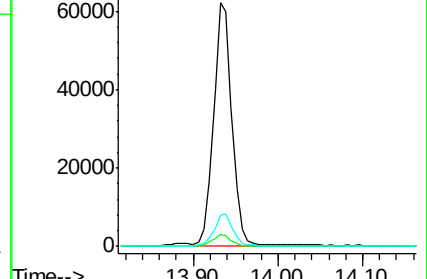
153 13.1 10.4 15.6



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: 0.93 ng

RT: 14.28 min Scan# 2088

Delta R.T. -0.01 min

Lab File: BE090081.D

Acq: 10 Jul 2015 12:37

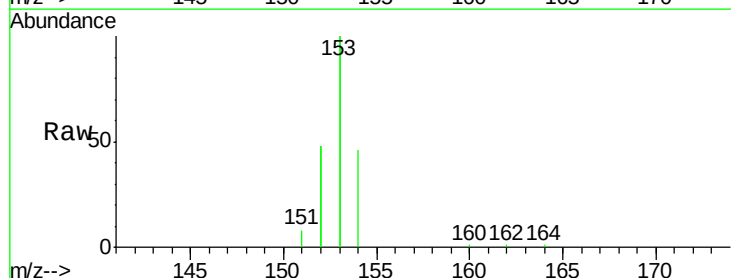
Tgt Ion:154 Resp: 13610

Ion Ratio Lower Upper

154 100

153 453.5 358.6 538.0

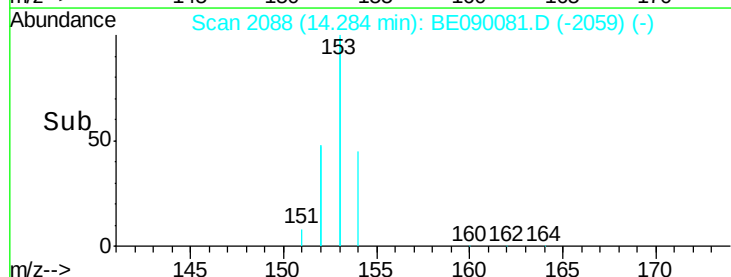
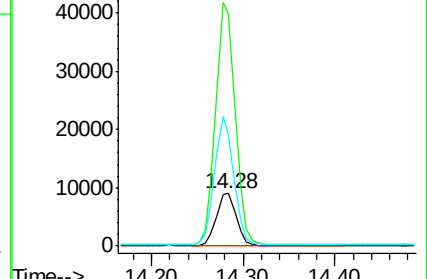
152 238.3 189.6 284.4

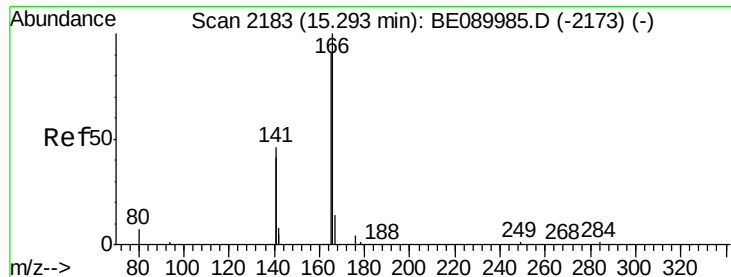


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

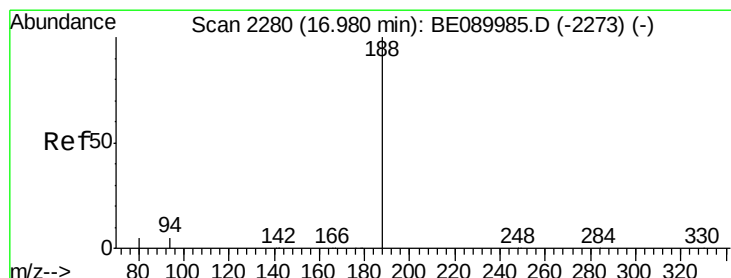
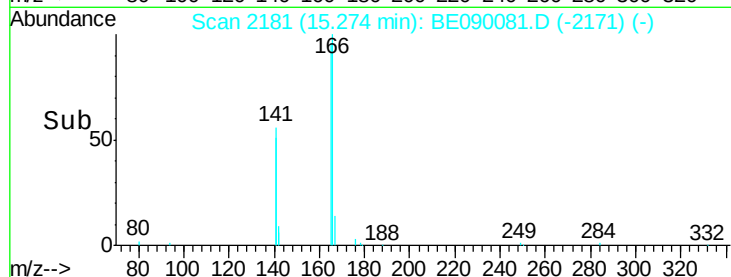
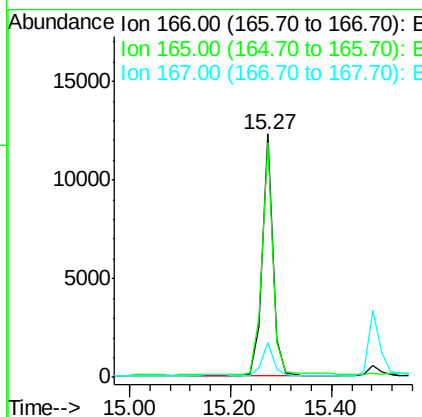
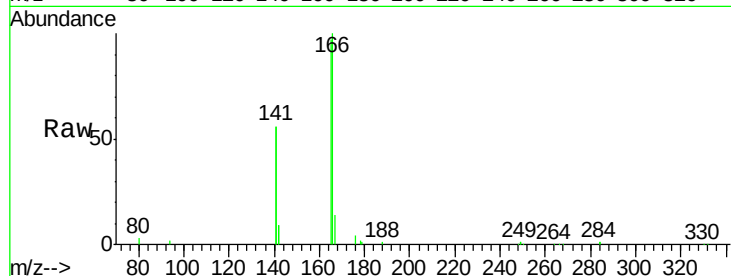




#17
Fluorene
 Concen: 0.89 ng
 RT: 15.27 min Scan# 2181
 Delta R.T. -0.02 min
 Lab File: BE090081.D
 Acq: 10 Jul 2015 12:37

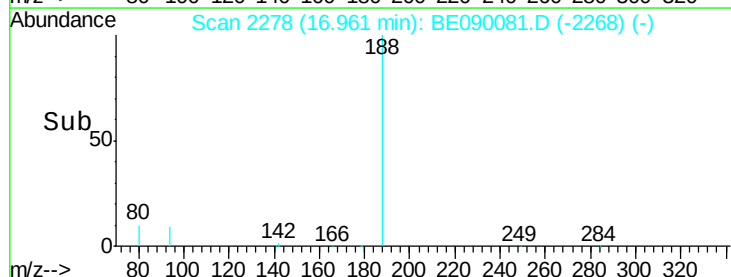
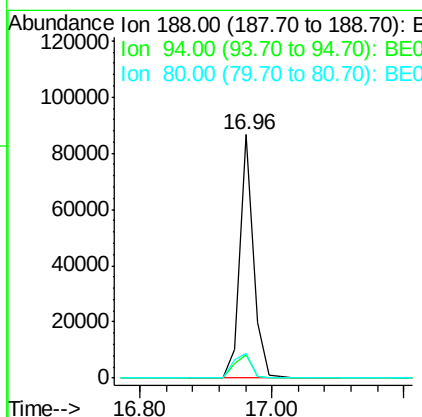
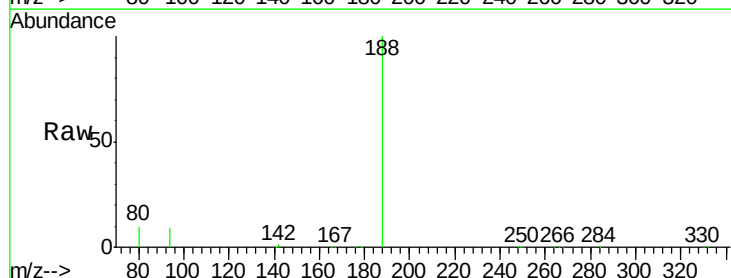
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

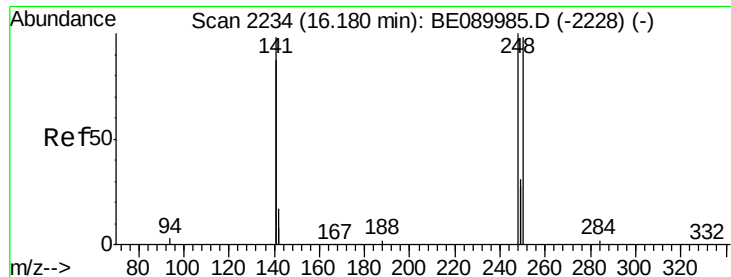
Tgt Ion:166 Resp: 17828
 Ion Ratio Lower Upper
 166 100
 165 96.3 79.0 118.6
 167 14.1 11.8 17.8



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 16.96 min Scan# 2278
 Delta R.T. -0.02 min
 Lab File: BE090081.D
 Acq: 10 Jul 2015 12:37

Tgt Ion:188 Resp: 123624
 Ion Ratio Lower Upper
 188 100
 94 9.4 4.1 6.1#
 80 10.3 4.2 6.2#





#19

4-Bromophenyl-phenylether

Concen: 0.91 ng

RT: 16.16 min Scan# 2232

Delta R.T. -0.02 min

Lab File: BE090081.D

Acq: 10 Jul 2015 12:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

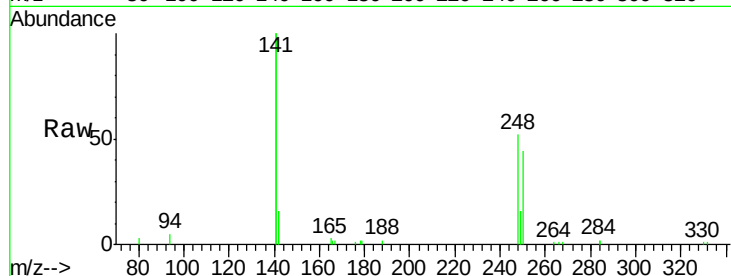
Tgt Ion:248 Resp: 4774

Ion Ratio Lower Upper

248 100

250 98.3 78.3 117.5

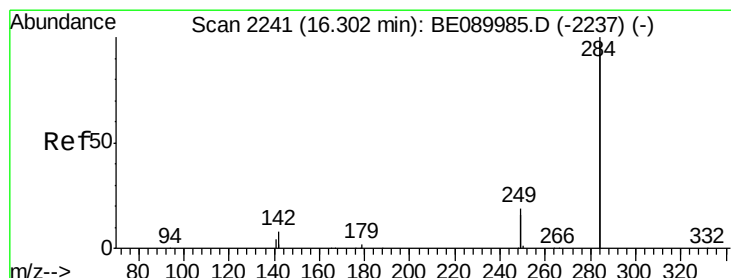
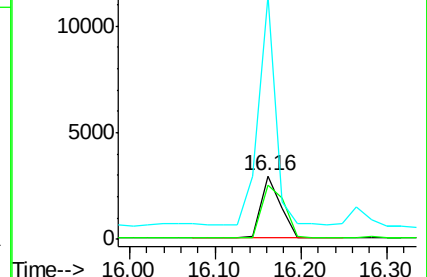
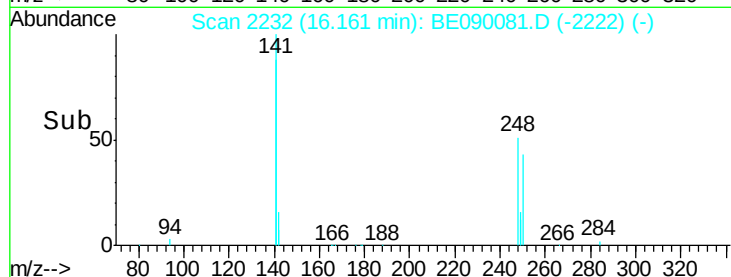
141 318.9 248.1 372.1



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#20

Hexachlorobenzene

Concen: 0.90 ng

RT: 16.28 min Scan# 2239

Delta R.T. -0.02 min

Lab File: BE090081.D

Acq: 10 Jul 2015 12:37

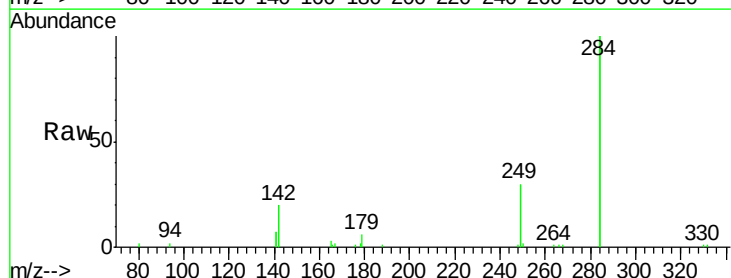
Tgt Ion:284 Resp: 19698

Ion Ratio Lower Upper

284 100

142 40.0 32.6 49.0

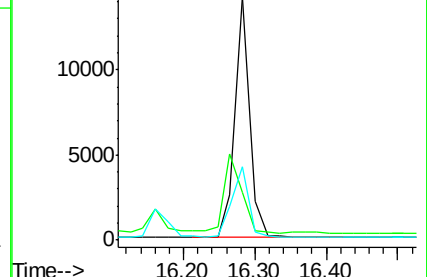
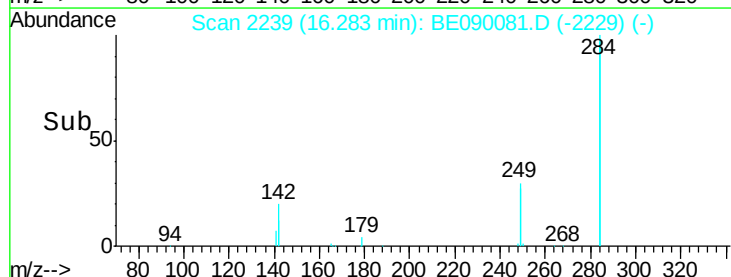
249 32.5 25.5 38.3

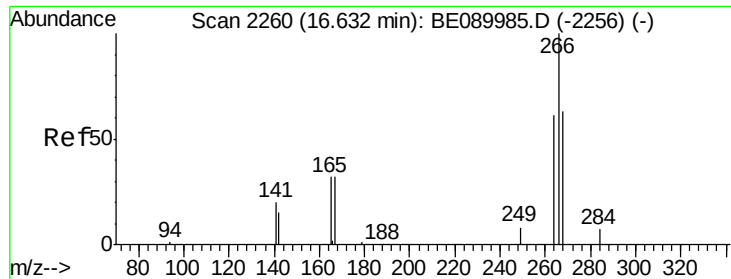


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

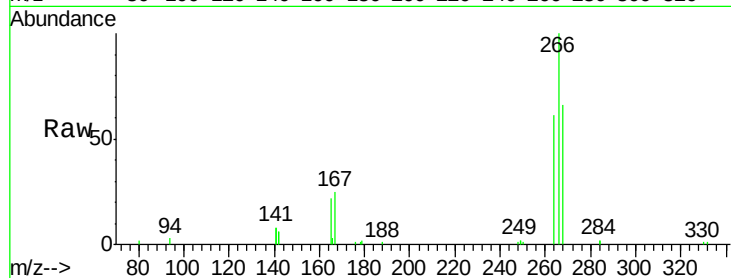




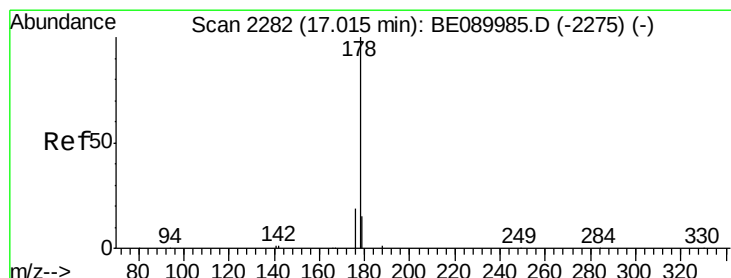
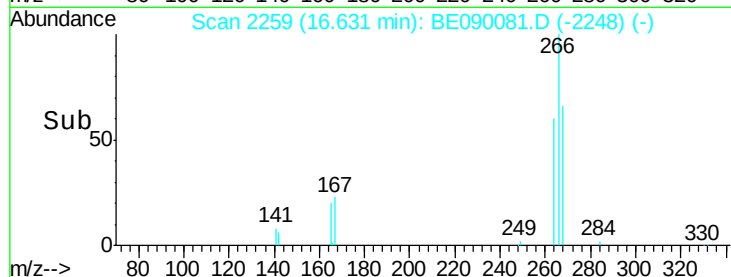
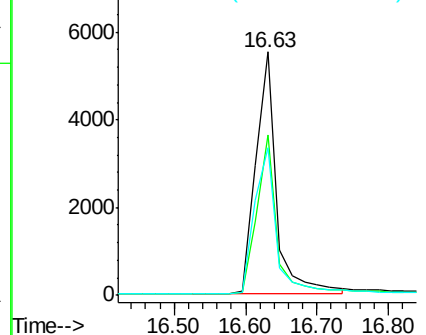
#21
 Pentachlorophenol
 Concen: 4.06 ng
 RT: 16.63 min Scan# 2259
 Delta R.T. -0.00 min
 Lab File: BE090081.D
 Acq: 10 Jul 2015 12:37

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

Tgt Ion:266 Resp: 11006
 Ion Ratio Lower Upper
 266 100
 268 66.1 51.8 77.8
 264 60.5 50.2 75.2

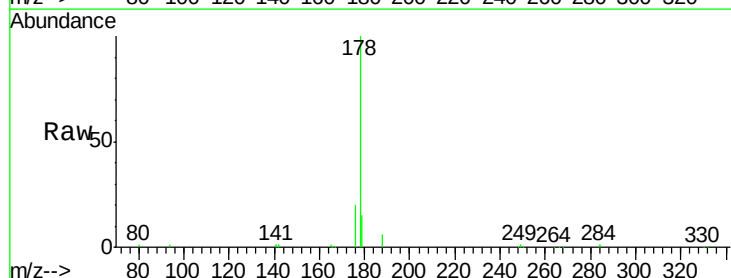


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

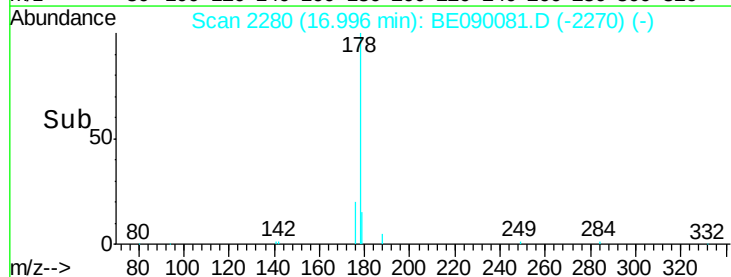
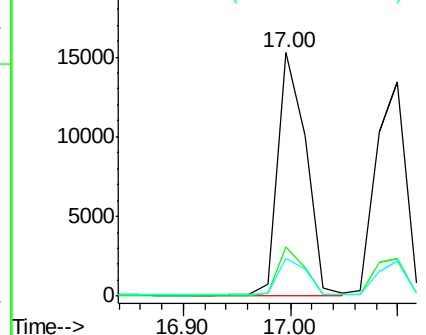


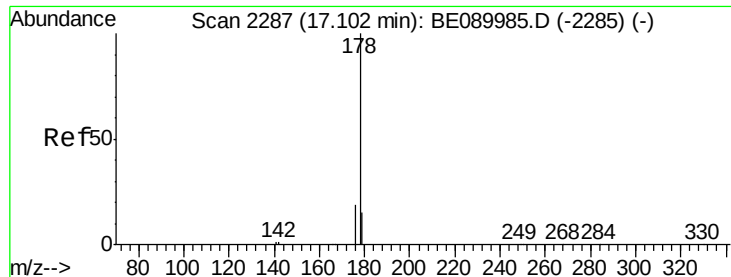
#22
 Phenanthrene
 Concen: 0.87 ng
 RT: 17.00 min Scan# 2280
 Delta R.T. -0.02 min
 Lab File: BE090081.D
 Acq: 10 Jul 2015 12:37

Tgt Ion:178 Resp: 27633
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.3 22.9
 179 15.7 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: 0.89 ng

RT: 17.10 min Scan# 2286

Delta R.T. -0.00 min

Lab File: BE090081.D

Acq: 10 Jul 2015 12:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

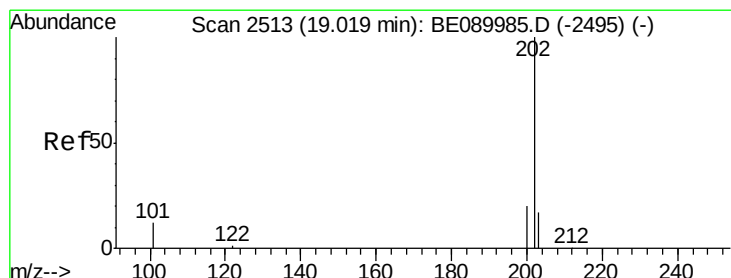
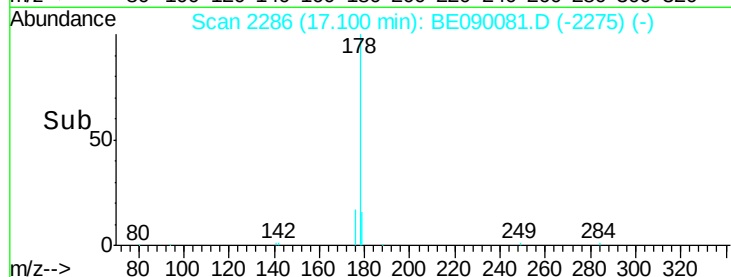
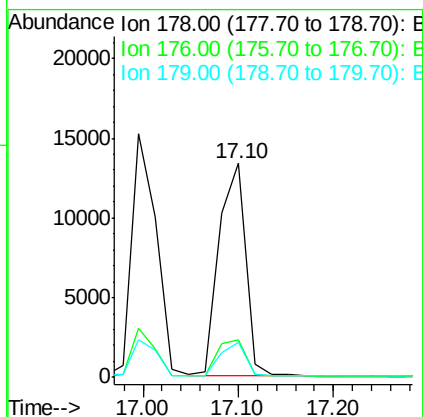
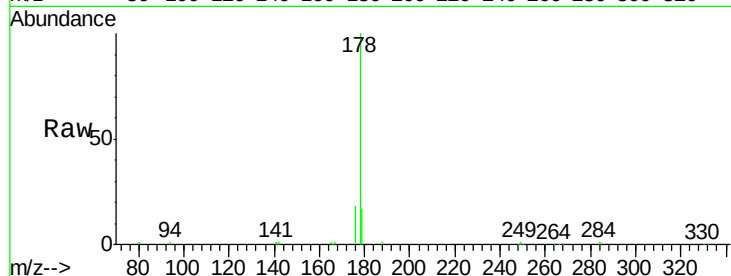
Tgt Ion:178 Resp: 25851

Ion Ratio Lower Upper

178 100

176 18.3 14.7 22.1

179 15.6 12.1 18.1



#24

Fluoranthene

Concen: 0.86 ng

RT: 19.00 min Scan# 2509

Delta R.T. -0.02 min

Lab File: BE090081.D

Acq: 10 Jul 2015 12:37

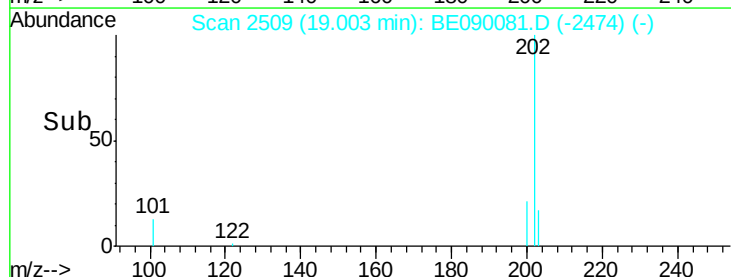
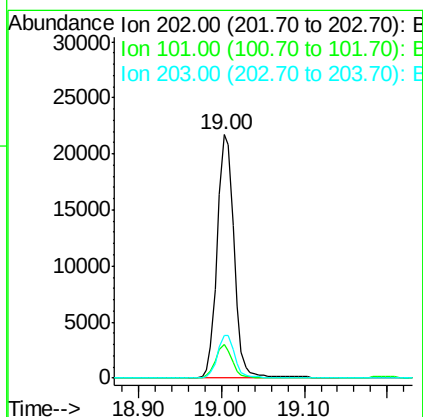
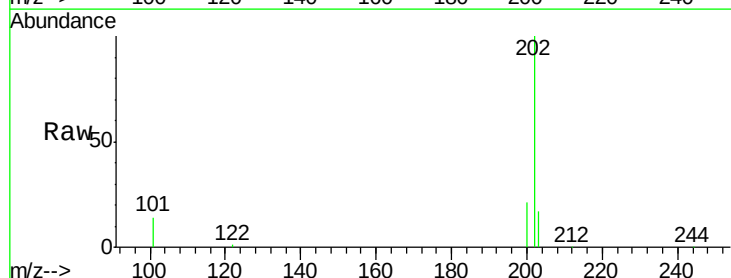
Tgt Ion:202 Resp: 30303

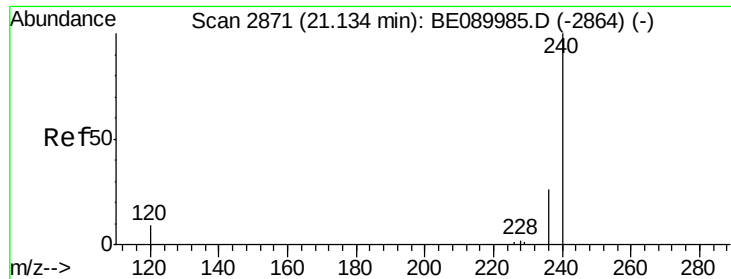
Ion Ratio Lower Upper

202 100

101 12.9 10.6 15.8

203 17.4 13.8 20.6





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.12 min Scan# 2868

Delta R.T. -0.01 min

Lab File: BE090081.D

Acq: 10 Jul 2015 12:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

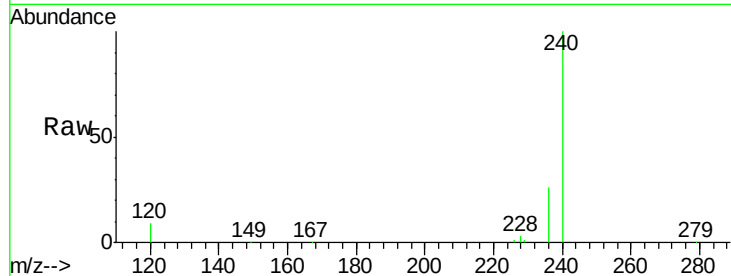
Tgt Ion:240 Resp: 134419

Ion Ratio Lower Upper

240 100

120 8.5 6.9 10.3

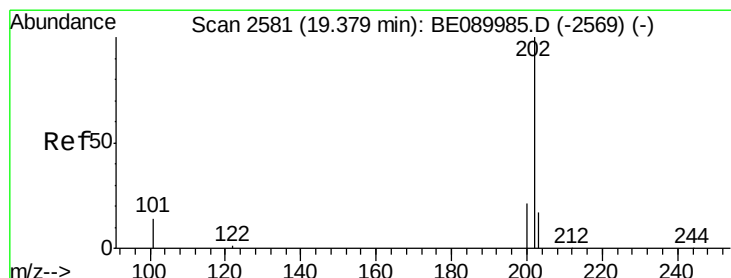
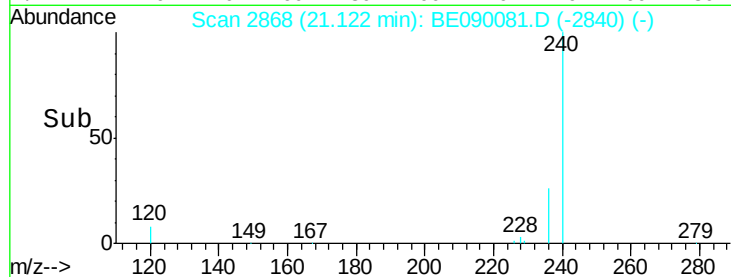
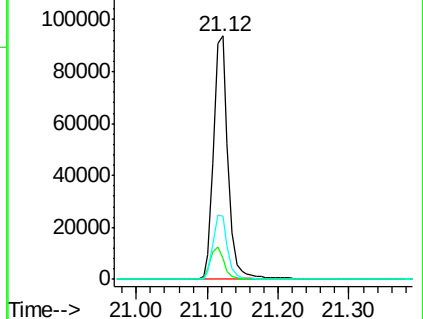
236 25.8 20.8 31.2



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: 0.99 ng

RT: 19.36 min Scan# 2577

Delta R.T. -0.02 min

Lab File: BE090081.D

Acq: 10 Jul 2015 12:37

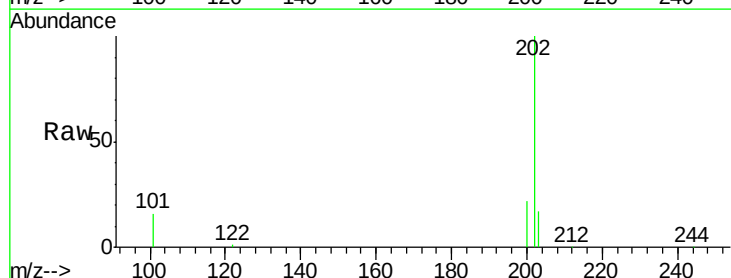
Tgt Ion:202 Resp: 31771

Ion Ratio Lower Upper

202 100

200 21.1 16.8 25.2

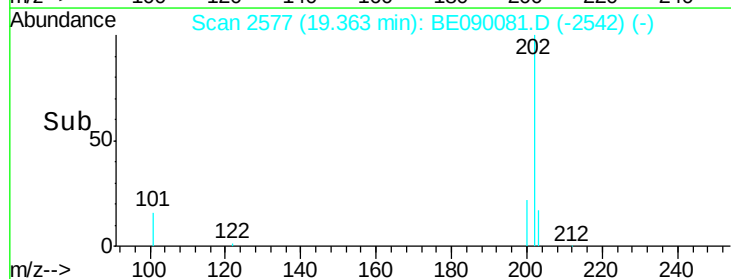
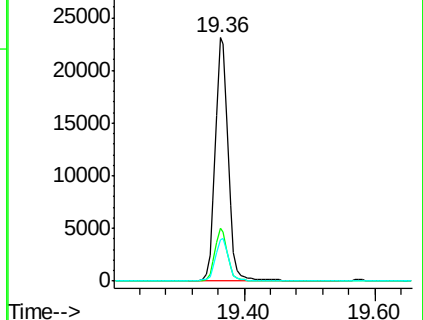
203 17.3 13.9 20.9

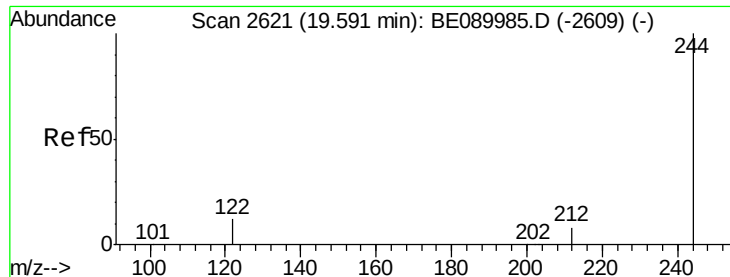


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

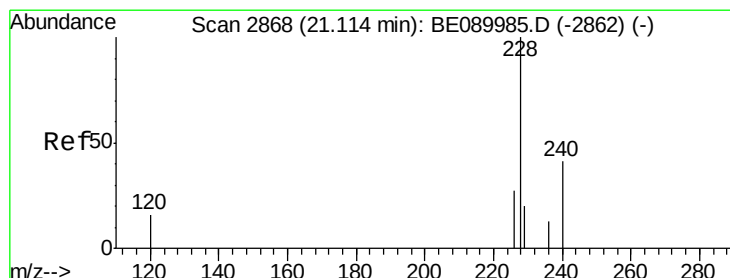
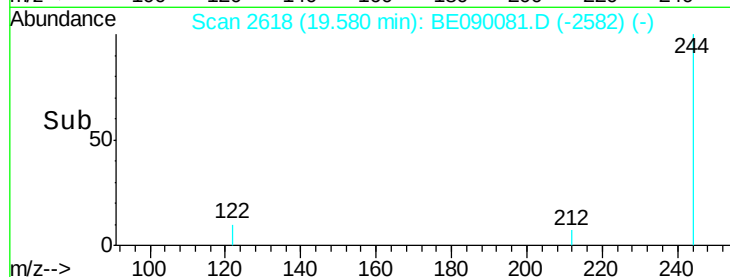
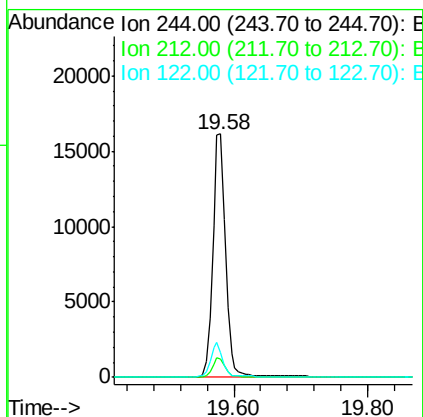
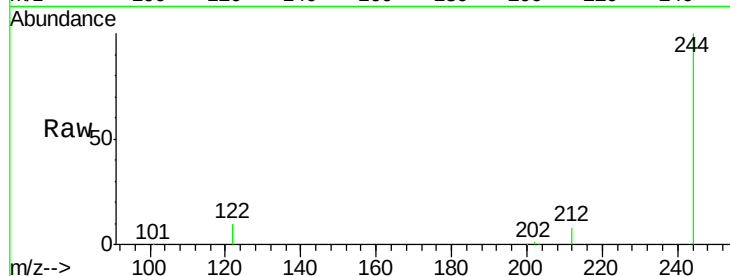




#27
 Terphenyl-d14
 Concen: 0.94 ng
 RT: 19.58 min Scan# 2618
 Delta R.T. -0.01 min
 Lab File: BE090081.D
 Acq: 10 Jul 2015 12:37

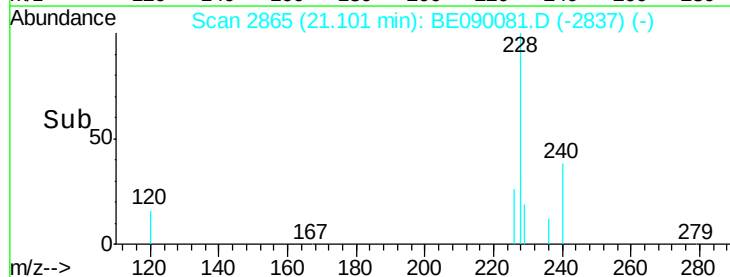
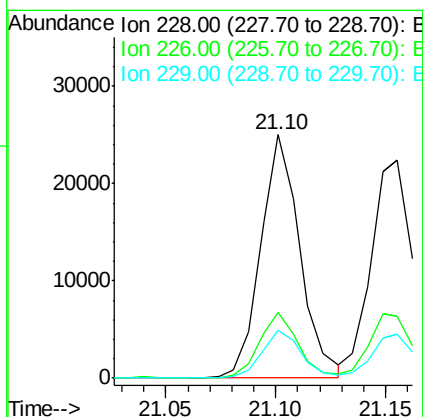
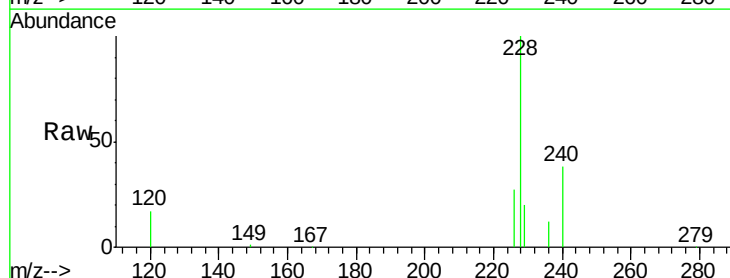
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

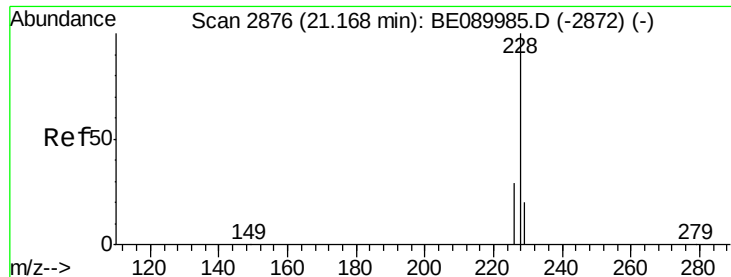
Tgt Ion: 244 Resp: 21013
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.6 9.8
 122 10.2 9.8 14.8



#28
 Benzo(a)anthracene
 Concen: 0.92 ng
 RT: 21.10 min Scan# 2865
 Delta R.T. -0.01 min
 Lab File: BE090081.D
 Acq: 10 Jul 2015 12:37

Tgt Ion: 228 Resp: 30990
 Ion Ratio Lower Upper
 228 100
 226 27.0 21.8 32.6
 229 19.6 15.8 23.6





#29

Chrysene

Concen: 0.90 ng

RT: 21.16 min Scan# 2873

Delta R.T. -0.01 min

Lab File: BE090081.D

Acq: 10 Jul 2015 12:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

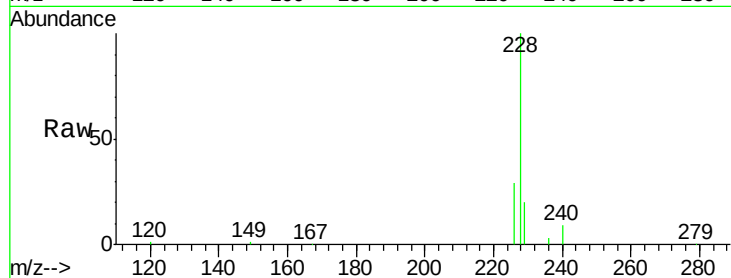
Tgt Ion:228 Resp: 31440

Ion Ratio Lower Upper

228 100

226 28.7 23.4 35.0

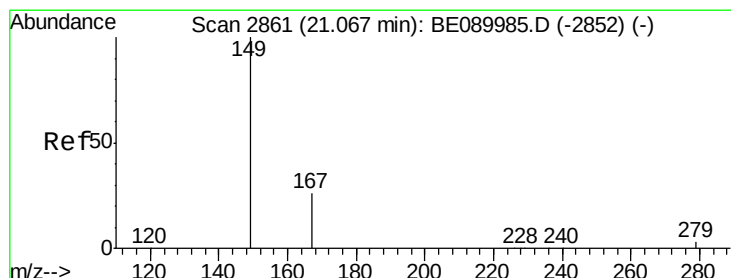
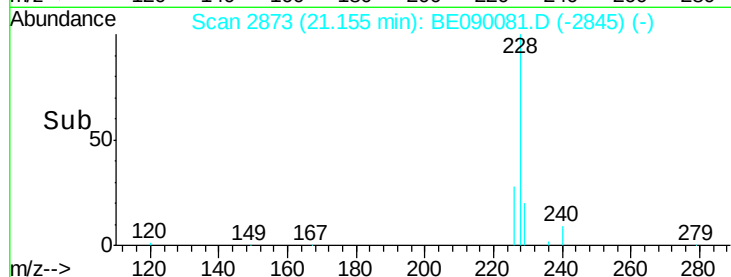
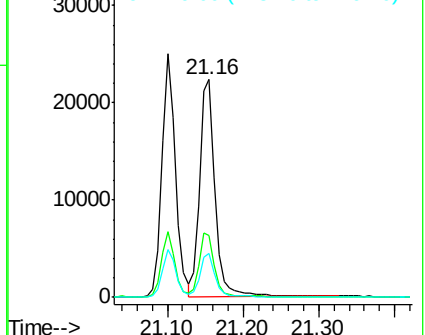
229 20.4 16.2 24.2



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: 0.99 ng

RT: 21.05 min Scan# 2857

Delta R.T. -0.02 min

Lab File: BE090081.D

Acq: 10 Jul 2015 12:37

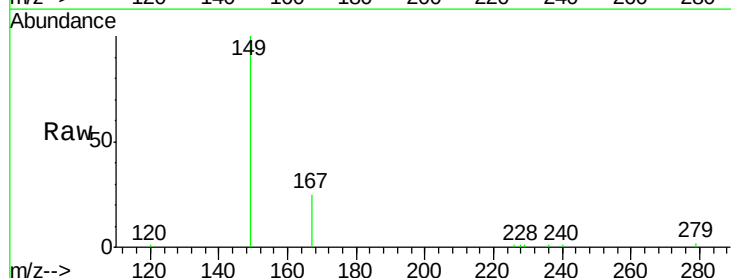
Tgt Ion:149 Resp: 11272

Ion Ratio Lower Upper

149 100

167 26.6 20.3 30.5

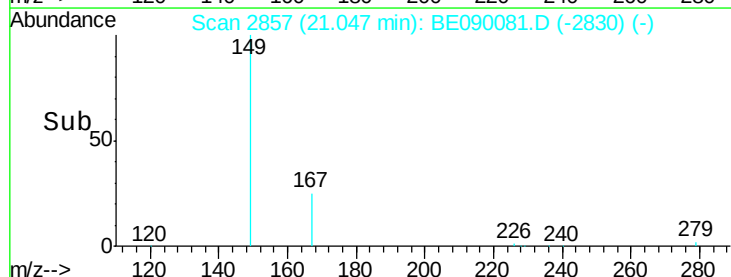
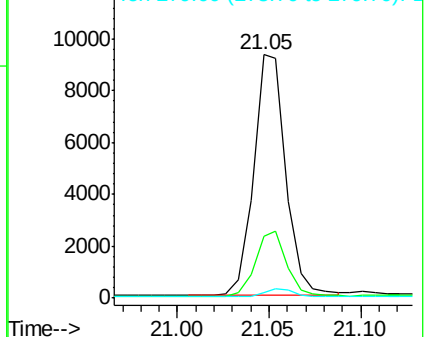
279 3.2 2.6 3.8

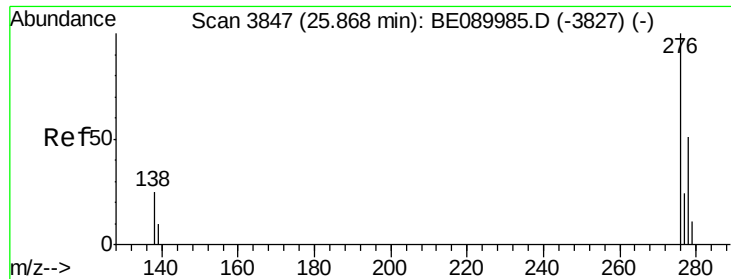


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.94 ng

RT: 25.84 min Scan# 3839

Delta R.T. -0.03 min

Lab File: BE090081.D

Acq: 10 Jul 2015 12:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

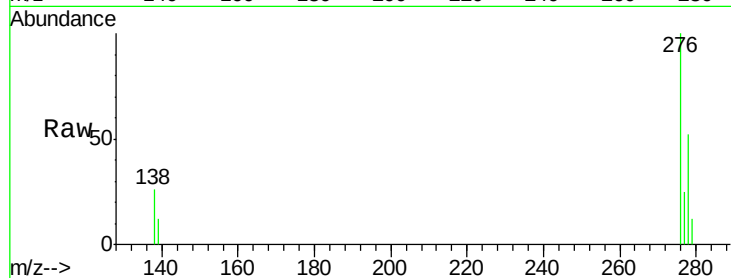
Tgt Ion:276 Resp: 31498

Ion Ratio Lower Upper

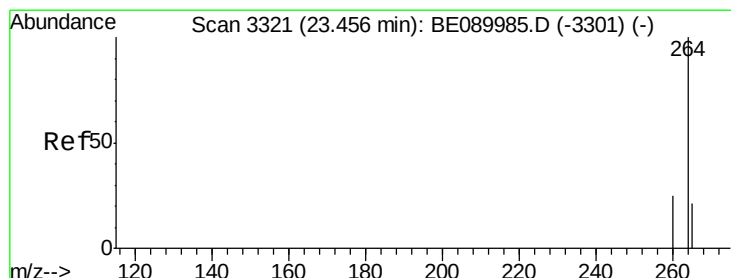
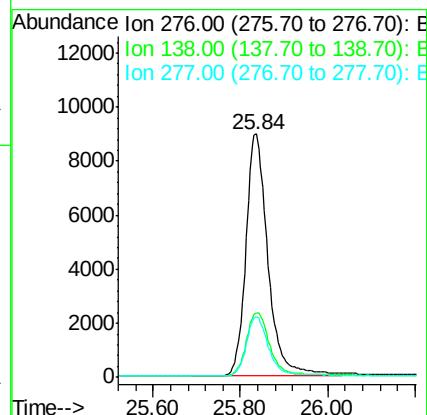
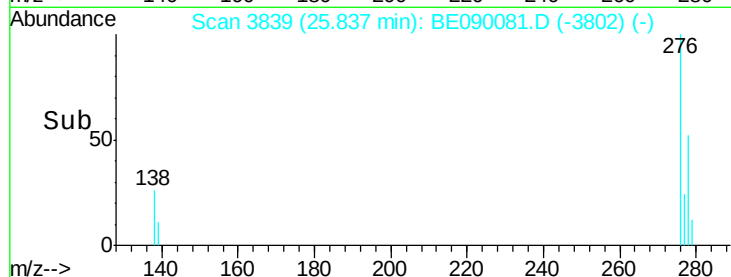
276 100

138 27.8 21.3 31.9

277 24.4 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: 23.44 min Scan# 3316

Delta R.T. -0.02 min

Lab File: BE090081.D

Acq: 10 Jul 2015 12:37

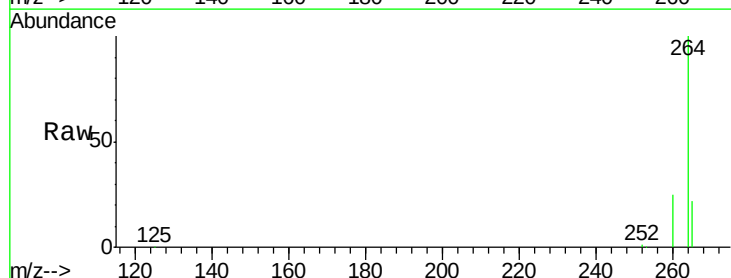
Tgt Ion:264 Resp: 123194

Ion Ratio Lower Upper

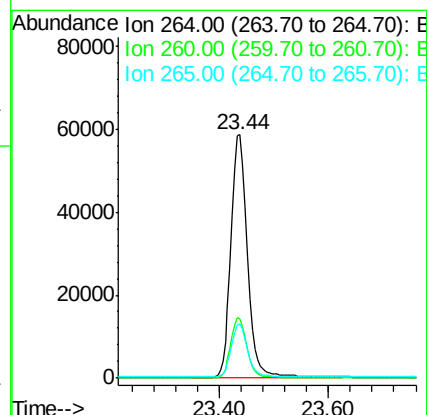
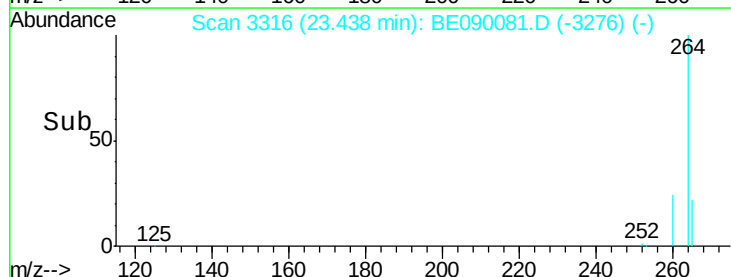
264 100

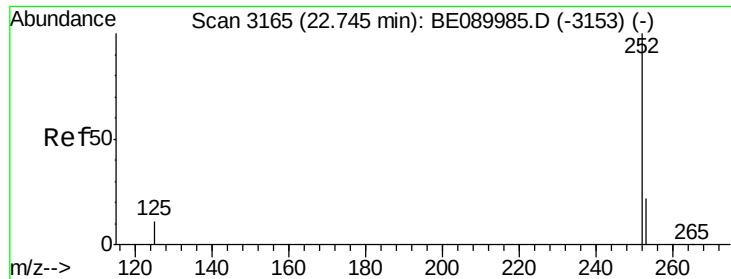
260 24.5 20.2 30.2

265 22.0 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: 1.01 ng

RT: 22.73 min Scan# 3160

Delta R.T. -0.02 min

Lab File: BE090081.D

Acq: 10 Jul 2015 12:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

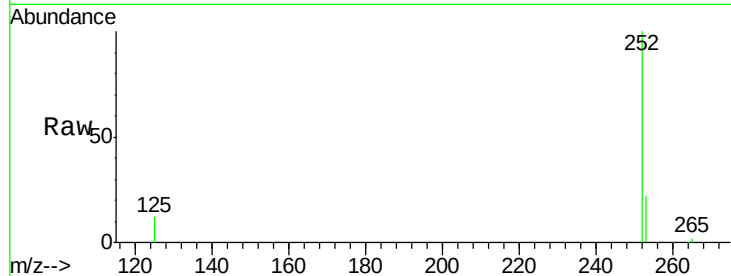
Tgt Ion:252 Resp: 27412

Ion Ratio Lower Upper

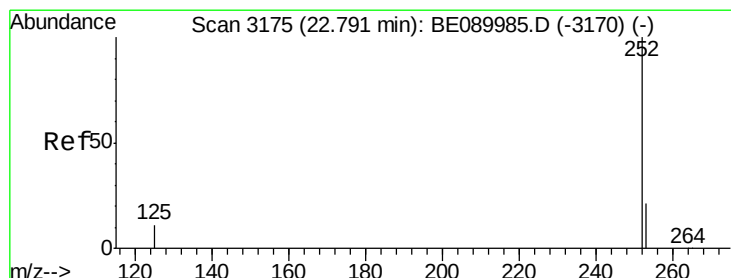
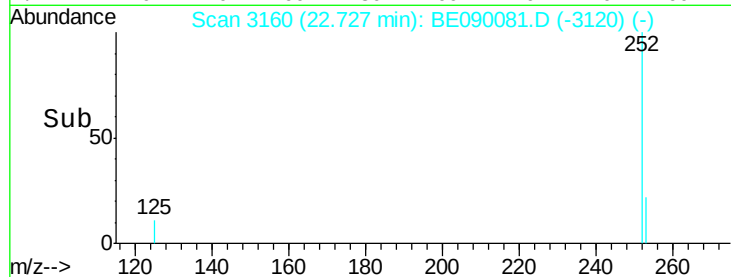
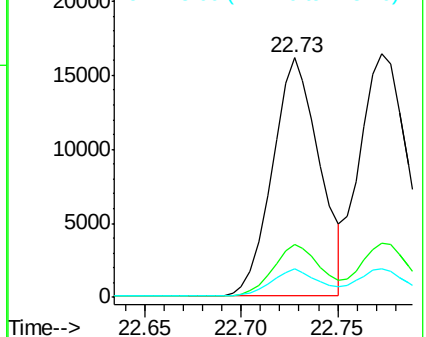
252 100

253 22.2 17.8 26.8

125 11.7 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: 1.01 ng

RT: 22.77 min Scan# 3170

Delta R.T. -0.02 min

Lab File: BE090081.D

Acq: 10 Jul 2015 12:37

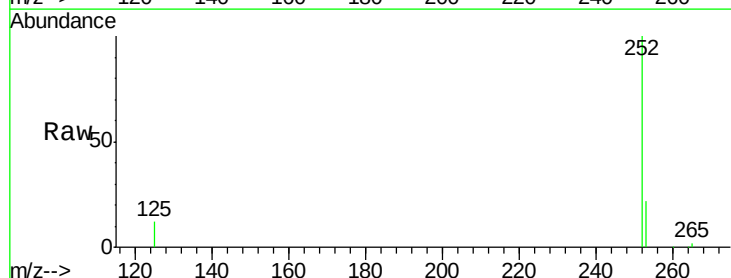
Tgt Ion:252 Resp: 30787

Ion Ratio Lower Upper

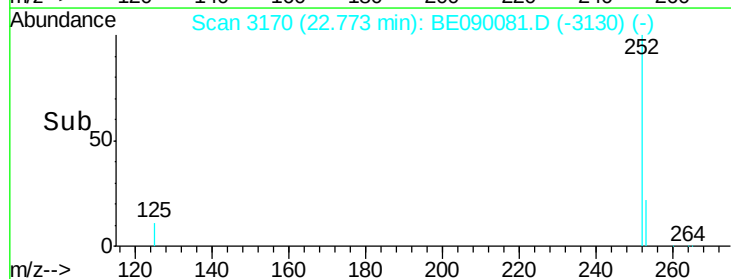
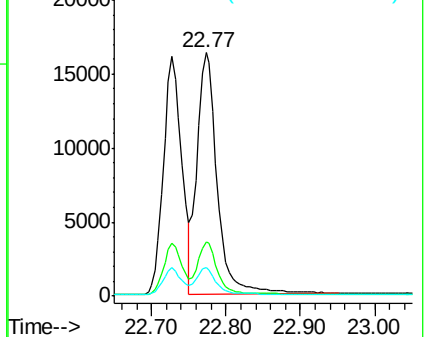
252 100

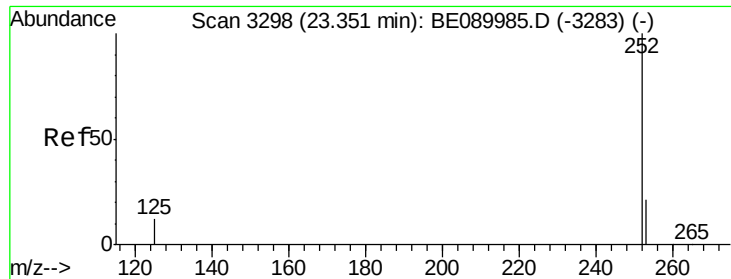
253 22.4 17.5 26.3

125 11.7 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: 1.02 ng

RT: 23.33 min Scan# 3292

Delta R.T. -0.02 min

Lab File: BE090081.D

Acq: 10 Jul 2015 12:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

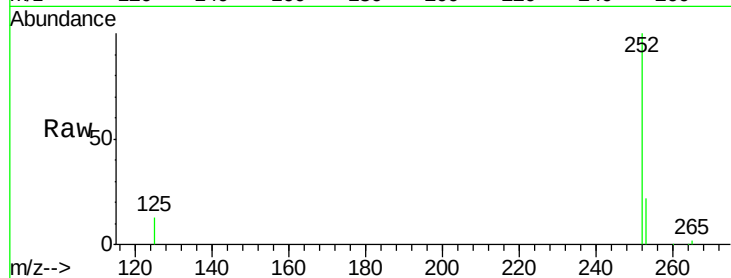
Tgt Ion:252 Resp: 25505

Ion Ratio Lower Upper

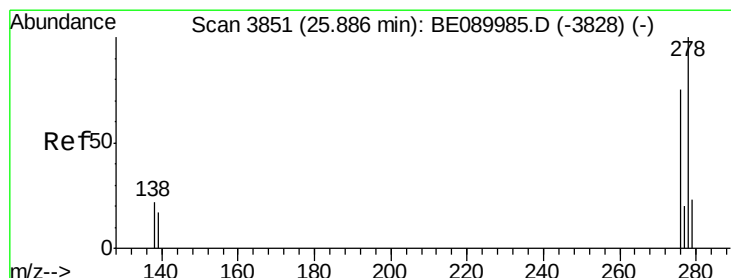
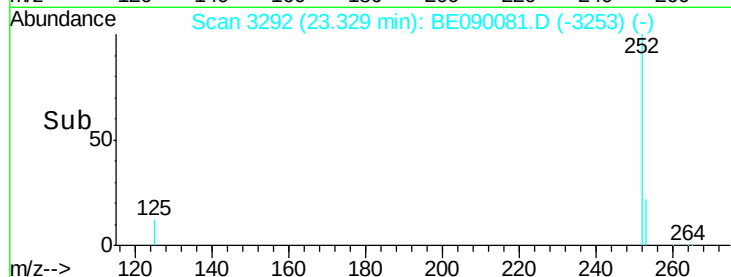
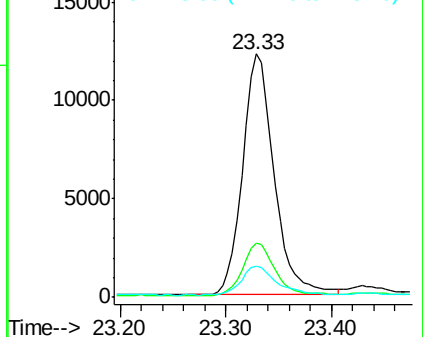
252 100

253 22.4 17.4 26.2

125 12.7 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: 0.97 ng

RT: 25.85 min Scan# 3843

Delta R.T. -0.03 min

Lab File: BE090081.D

Acq: 10 Jul 2015 12:37

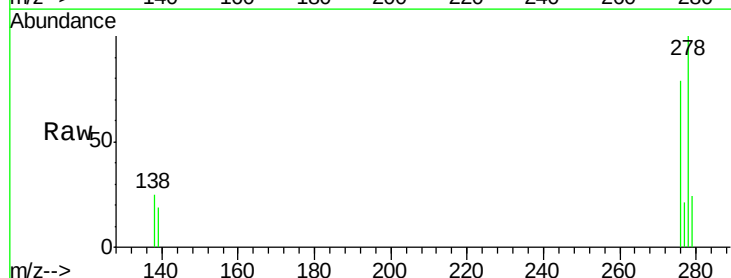
Tgt Ion:278 Resp: 24969

Ion Ratio Lower Upper

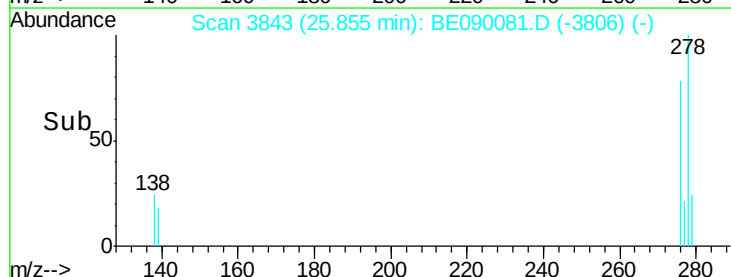
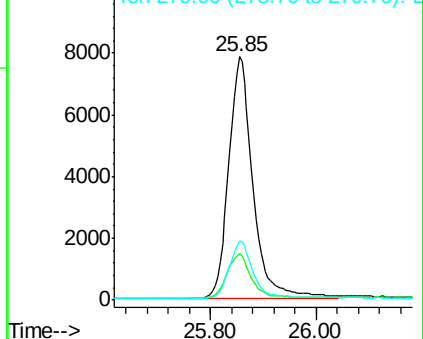
278 100

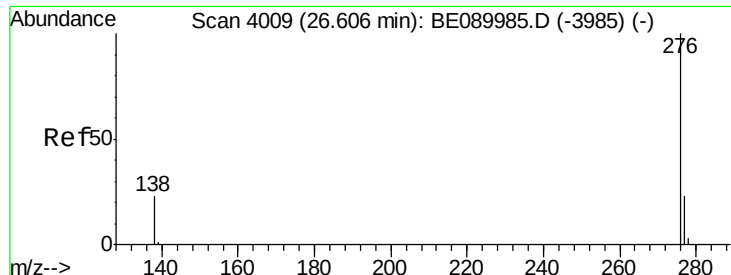
139 18.9 14.4 21.6

279 24.5 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: 0.98 ng

RT: 26.57 min Scan# 4000

Delta R.T. -0.04 min

Lab File: BE090081.D

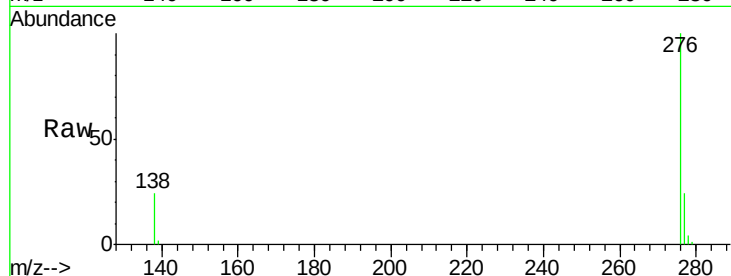
Acq: 10 Jul 2015 12:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001



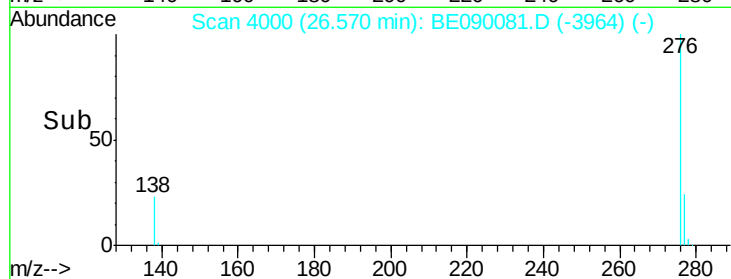
Tgt Ion: 276 Resp: 25562

Ion Ratio Lower Upper

276 100

277 24.3 18.8 28.2

138 24.1 18.6 27.8



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

