

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE091115\
 Data File : BE090785.D
 Acq On : 11 Sep 2015 15:27
 Operator : UM/IZ
 Sample : PB85487BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB85487BS

Quant Time: Sep 11 23:13:27 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 11:40:50 2015
 Response via : Initial Calibration

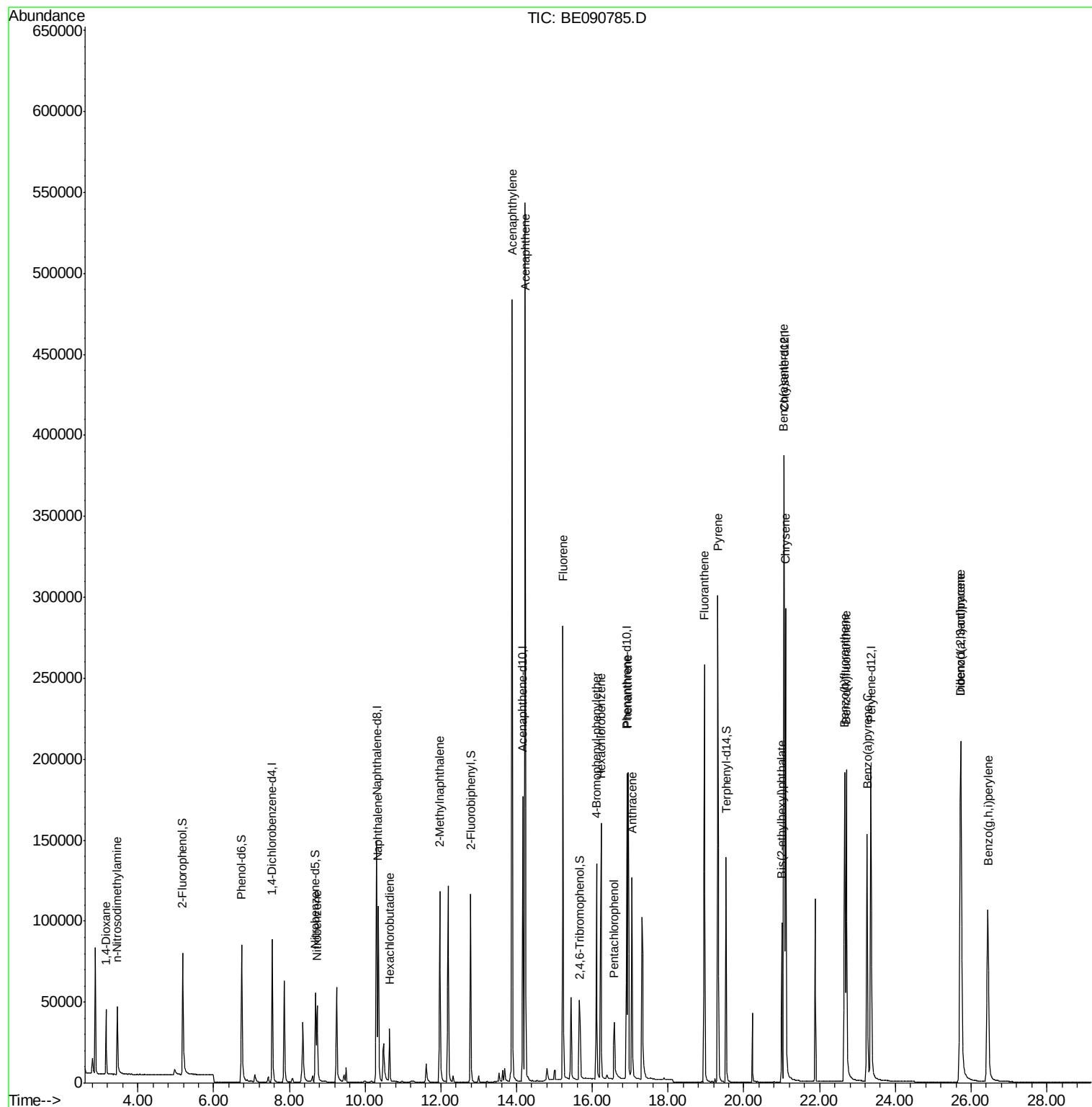
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	44360	5.00	ng	0.00
6) Naphthalene-d8	10.30	136	202892	5.00	ng	0.00
12) Acenaphthene-d10	14.17	164	103262	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	231203	5.00	ng	0.00
25) Chrysene-d12	21.07	240	300823	5.00	ng	0.00
32) Perylene-d12	23.36	264	267939	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	70578	8.16	ng	0.00
5) Phenol-d6	6.74	99	110390	8.94	ng	0.00
7) Nitrobenzene-d5	8.69	82	56645	4.22	ng	-0.02
13) 2,4,6-Tribromophenol	15.67	330	22595	7.46	ng	0.00
14) 2-Fluorobiphenyl	12.78	172	113188	3.96	ng	-0.01
27) Terphenyl-d14	19.53	244	147266	4.42	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	21391	3.66	ng	96
3) n-Nitrosodimethylamine	3.45	42	28158	3.56	ng	# 97
8) Nitrobenzene	8.73	77	60111	3.68	ng	98
9) Naphthalene	10.35	128	154816	3.50	ng	100
10) Hexachlorobutadiene	10.64	225	23629	3.41	ng	100
11) 2-Methylnaphthalene	11.97	142	96779	4.04	ng	98
15) Acenaphthylene	13.88	152	631553	3.83	ng	100
16) Acenaphthene	14.23	154	99943	3.62	ng	90
17) Fluorene	15.22	166	125400	3.65	ng	96
19) 4-Bromophenyl-phenylether	16.11	248	31130	3.95	ng	100
20) Hexachlorobenzene	16.23	284	153629	4.06	ng	97
21) Pentachlorophenol	16.58	266	23944	7.49	ng	94
22) Phenanthrene	16.94	178	216498	3.78	ng	99
23) Anthracene	17.05	178	199156	4.16	ng	100
24) Fluoranthene	18.96	202	236190	3.92	ng	99
26) Pyrene	19.32	202	267592	4.30	ng	99
28) Benzo(a)anthracene	21.05	228	263260	3.99	ng	100
29) Chrysene	21.11	228	271901	3.90	ng	99
30) Bis(2-ethylhexyl)phthalate	21.00	149	78129	3.70	ng	99
31) Indeno(1,2,3-cd)pyrene	25.72	276	278696	3.92	ng	99
33) Benzo(b)fluoranthene	22.66	252	239364	4.12	ng	99
34) Benzo(k)fluoranthene	22.71	252	273115	4.04	ng	99
35) Benzo(a)pyrene	23.25	252	226102	4.35	ng	99
36) Dibenzo(a,h)anthracene	25.73	278	229490	3.66	ng	100
37) Benzo(g,h,i)perylene	26.44	276	235780	3.94	ng	99

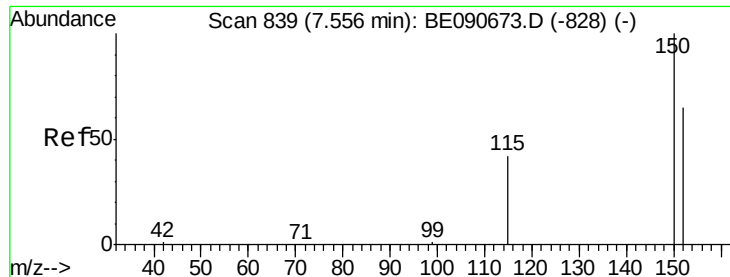
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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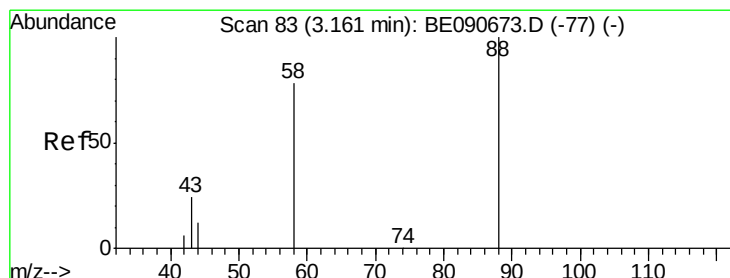
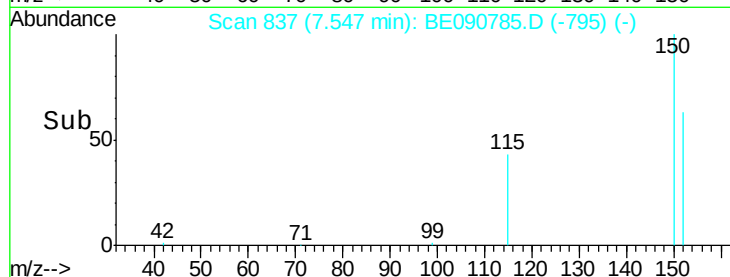
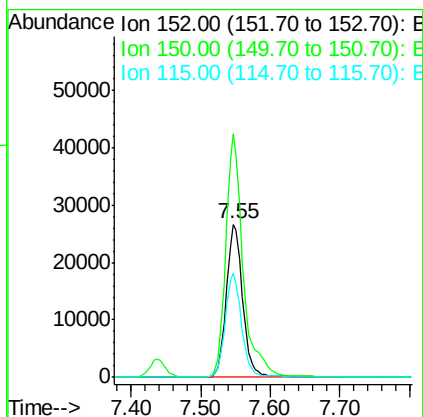
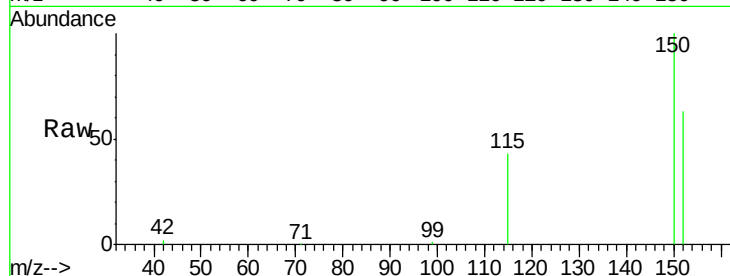


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.55 min Scan# 837
Delta R.T. -0.01 min
Lab File: BE090785.D
Acq: 11 Sep 2015 15:27

Instrument :
BNA_E
ClientSampleId :
PB85487BS

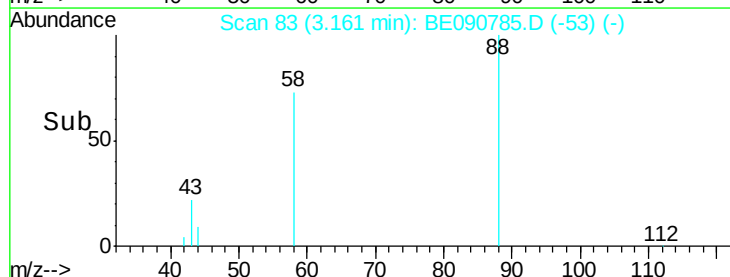
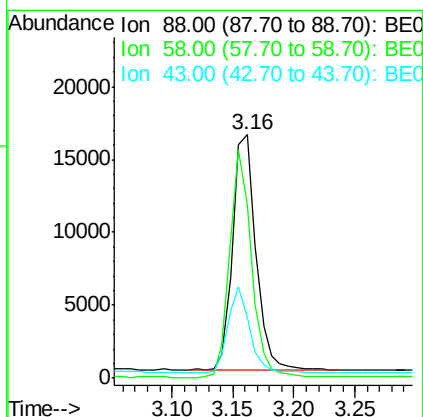
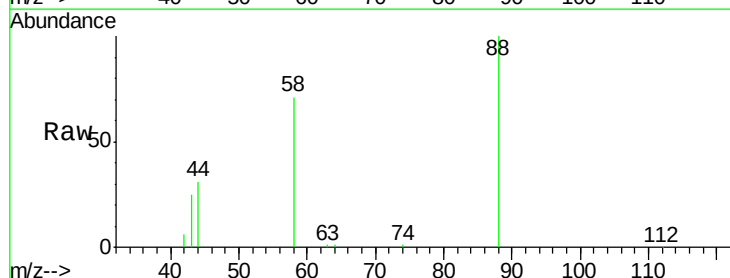
Tgt Ion: 152 Resp: 44360
Ion Ratio Lower Upper
152 100
150 159.1 122.2 183.4
115 68.0 51.0 76.4

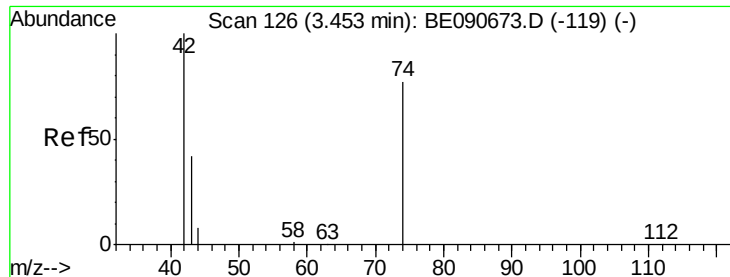


#2

1,4-Dioxane
Concen: 3.66 ng
RT: 3.16 min Scan# 83
Delta R.T. 0.00 min
Lab File: BE090785.D
Acq: 11 Sep 2015 15:27

Tgt Ion: 88 Resp: 21391
Ion Ratio Lower Upper
88 100
58 90.3 68.4 102.6
43 34.0 26.9 40.3





#3

n-Nitrosodimethylamine

Concen: 3.56 ng

RT: 3.45 min Scan# 126

Delta R.T. 0.00 min

Lab File: BE090785.D

Acq: 11 Sep 2015 15:27

Instrument :

BNA_E

ClientSampleId :

PB85487BS

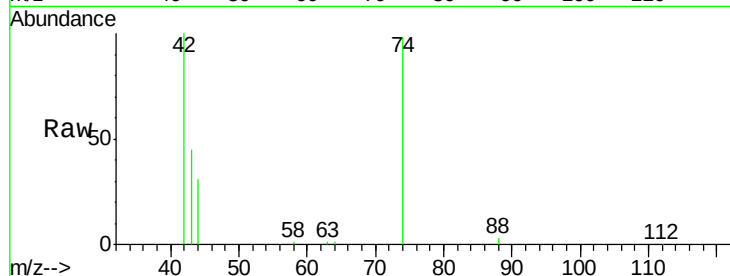
Tgt Ion: 42 Resp: 28158

Ion Ratio Lower Upper

42 100

74 102.1 83.7 125.5

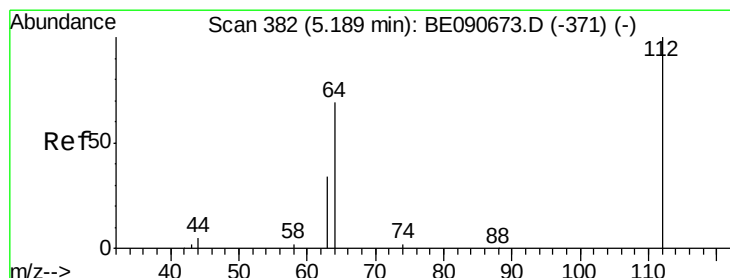
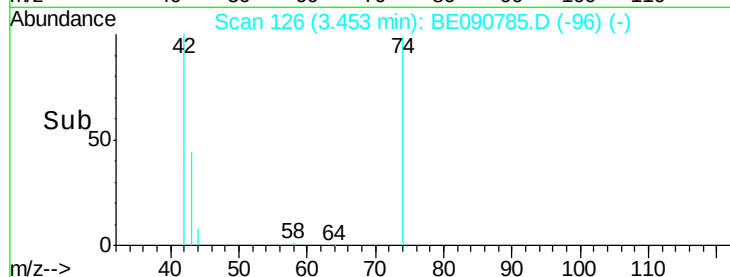
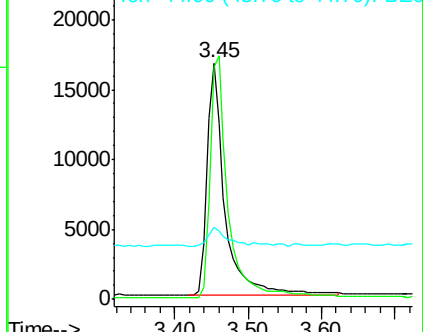
44 9.0 10.0 15.0#



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 8.16 ng

RT: 5.18 min Scan# 381

Delta R.T. -0.01 min

Lab File: BE090785.D

Acq: 11 Sep 2015 15:27

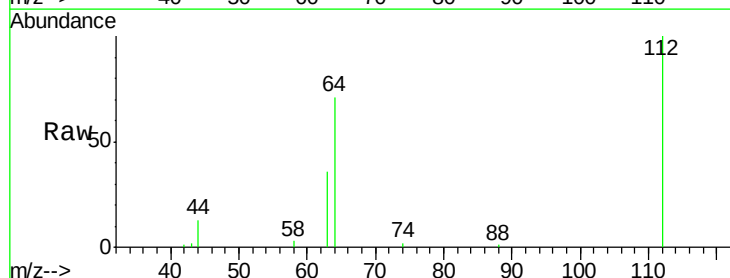
Tgt Ion: 112 Resp: 70578

Ion Ratio Lower Upper

112 100

64 71.9 57.3 85.9

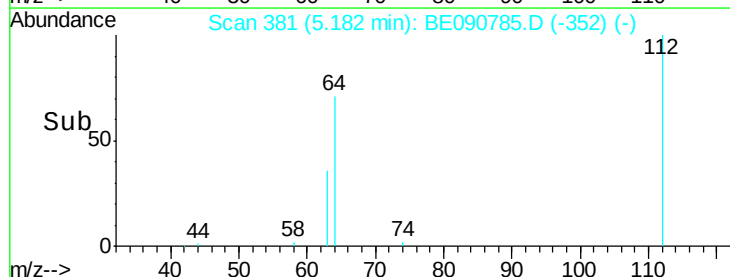
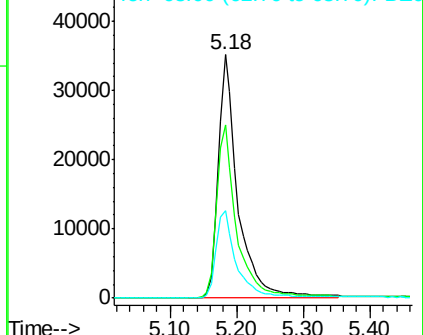
63 37.2 29.2 43.8

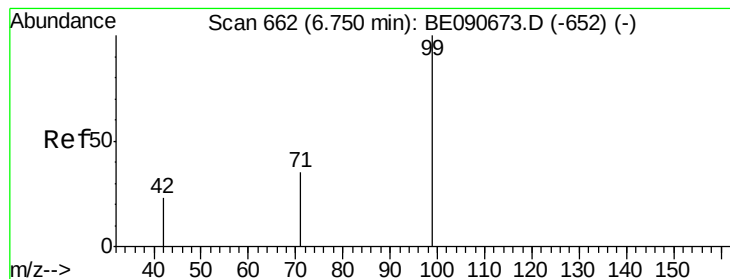


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 8.94 ng

RT: 6.74 min Scan# 660

Delta R.T. -0.01 min

Lab File: BE090785.D

Acq: 11 Sep 2015 15:27

Instrument :

BNA_E

ClientSampleId :

PB85487BS

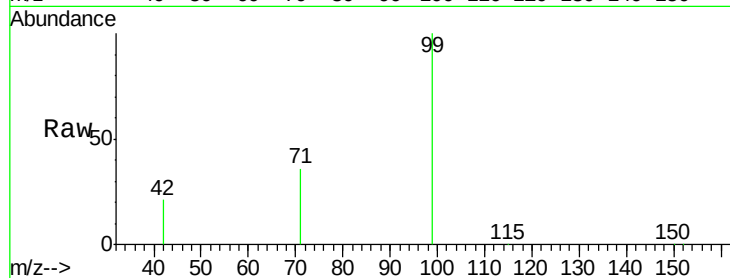
Tgt Ion: 99 Resp: 110390

Ion Ratio Lower Upper

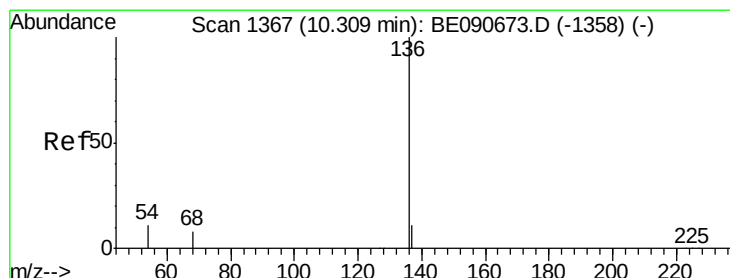
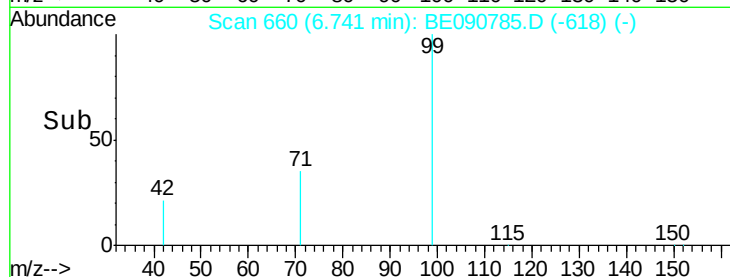
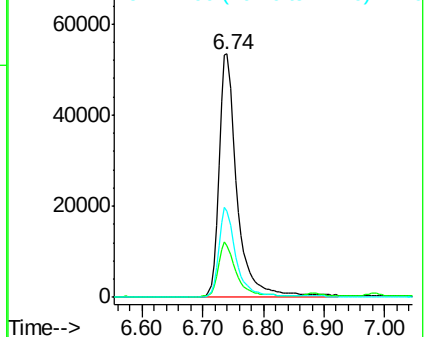
99 100

42 22.1 16.8 25.2

71 36.2 28.3 42.5



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: 10.30 min Scan# 1366

Delta R.T. -0.01 min

Lab File: BE090785.D

Acq: 11 Sep 2015 15:27

Tgt Ion: 136 Resp: 202892

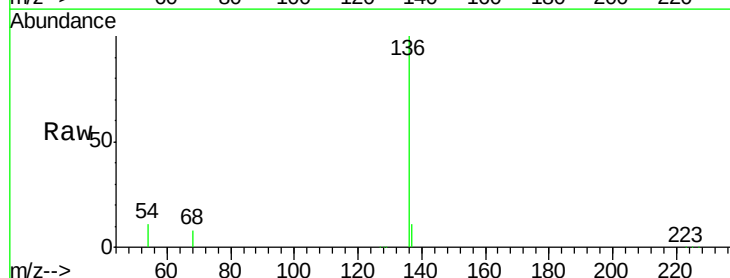
Ion Ratio Lower Upper

136 100

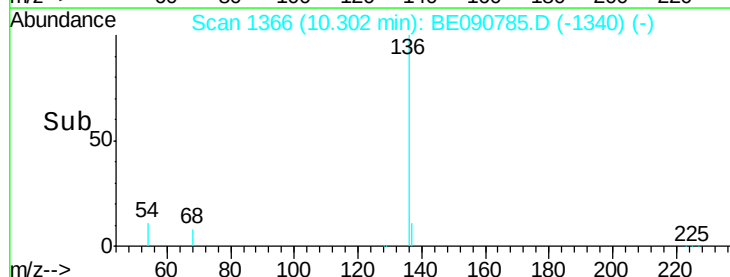
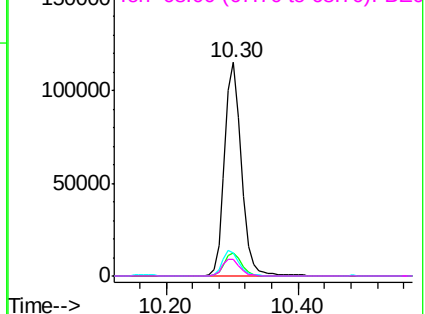
137 11.0 8.7 13.1

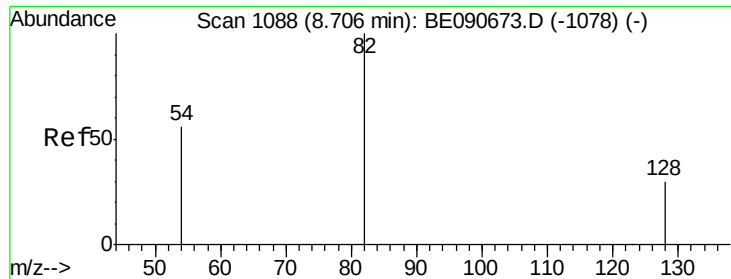
54 10.9 9.0 13.6

68 7.8 6.3 9.5



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: 4.22 ng

RT: 8.69 min Scan# 1084

Delta R.T. -0.02 min

Lab File: BE090785.D

Acq: 11 Sep 2015 15:27

Instrument :

BNA_E

ClientSampleId :

PB85487BS

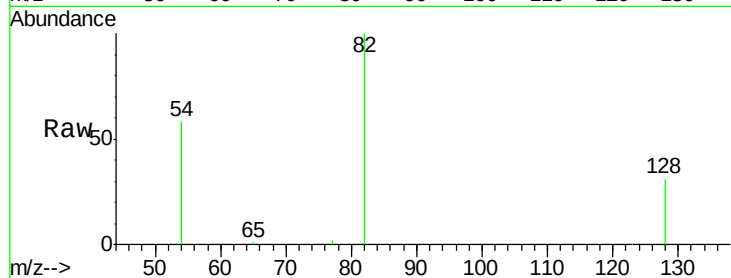
Tgt Ion: 82 Resp: 56645

Ion Ratio Lower Upper

82 100

128 30.5 25.0 37.4

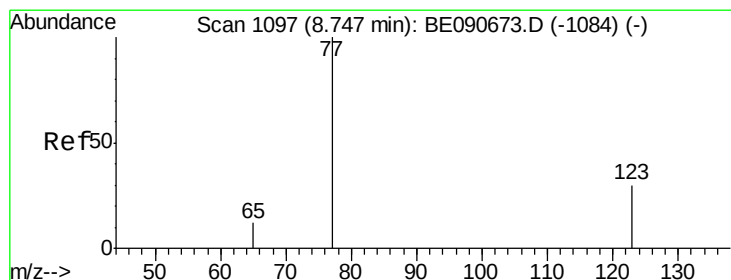
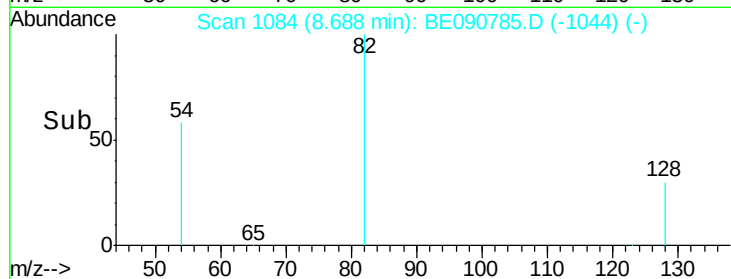
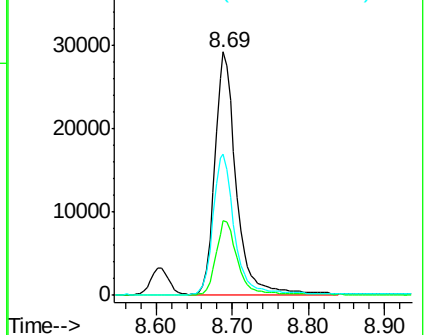
54 57.9 46.3 69.5



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: 3.68 ng

RT: 8.73 min Scan# 1093

Delta R.T. -0.02 min

Lab File: BE090785.D

Acq: 11 Sep 2015 15:27

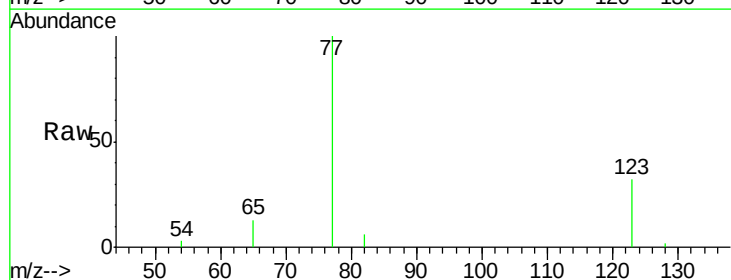
Tgt Ion: 77 Resp: 60111

Ion Ratio Lower Upper

77 100

123 32.9 25.1 37.7

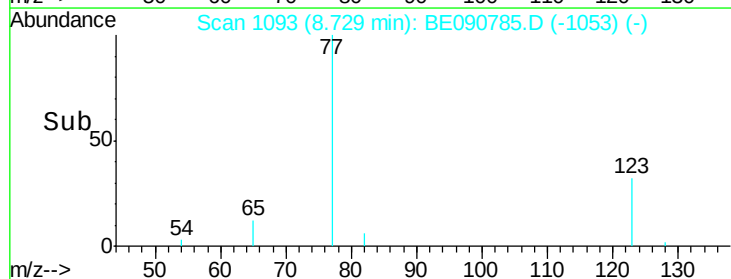
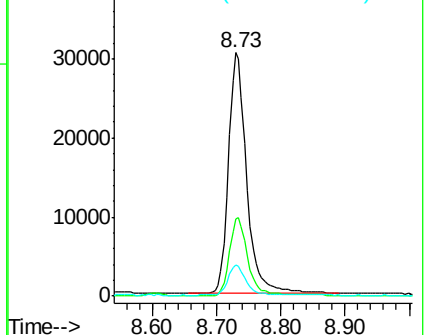
65 12.5 9.9 14.9

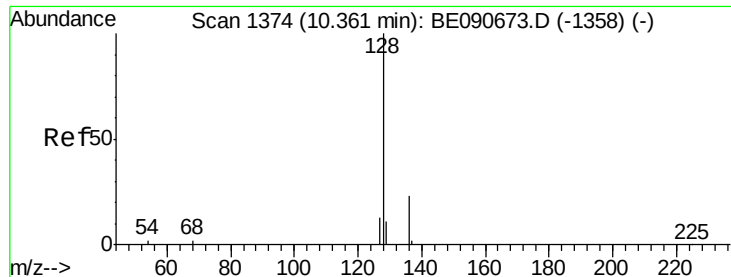


Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0





#9

Naphthalene

Concen: 3.50 ng

RT: 10.35 min Scan# 1372

Delta R.T. -0.01 min

Lab File: BE090785.D

Acq: 11 Sep 2015 15:27

Instrument :

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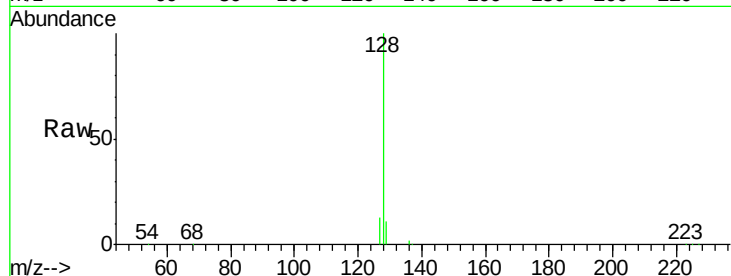
Tgt Ion:128 Resp: 154816

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

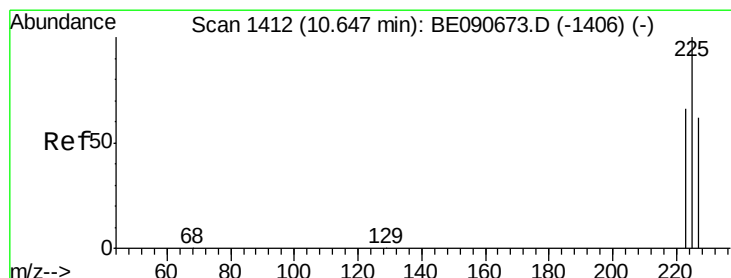
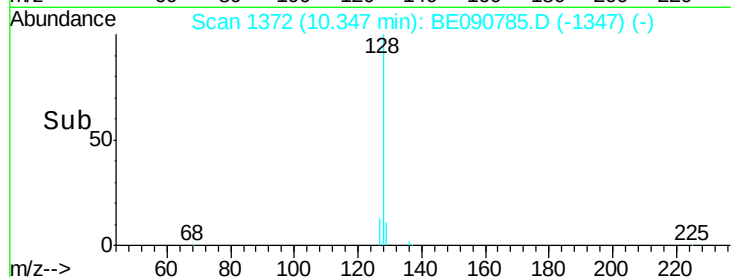
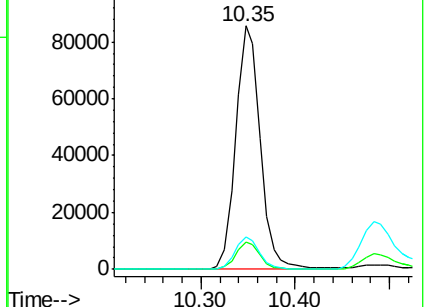
127 13.4 10.6 15.8



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: 3.41 ng

RT: 10.64 min Scan# 1411

Delta R.T. -0.01 min

Lab File: BE090785.D

Acq: 11 Sep 2015 15:27

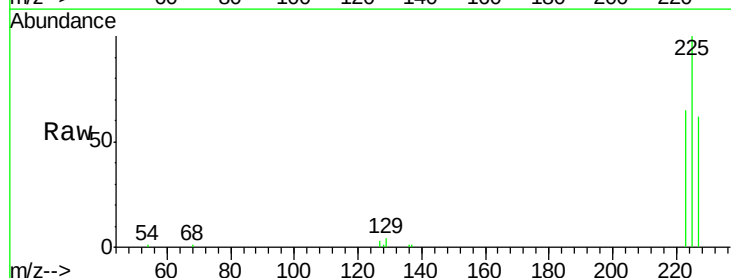
Tgt Ion:225 Resp: 23629

Ion Ratio Lower Upper

225 100

223 62.8 50.6 76.0

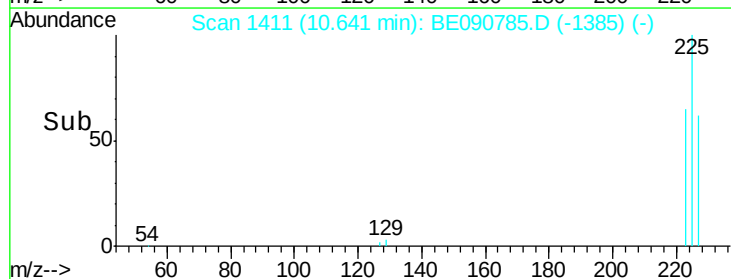
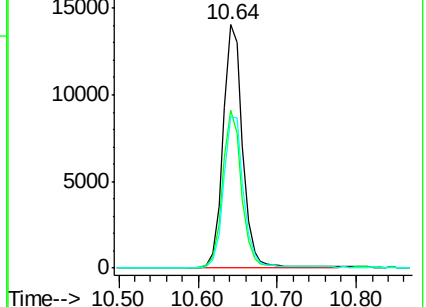
227 63.5 51.0 76.6

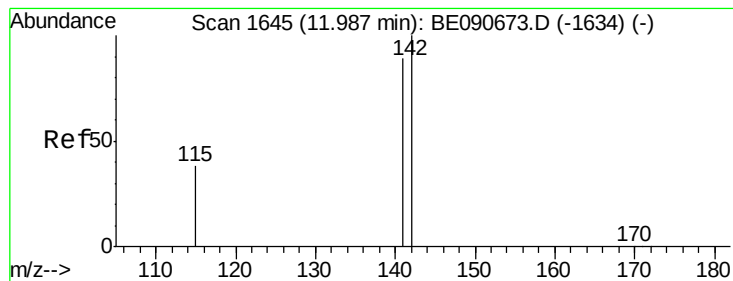


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 4.04 ng

RT: 11.97 min Scan# 1642

Delta R.T. -0.01 min

Lab File: BE090785.D

Acq: 11 Sep 2015 15:27

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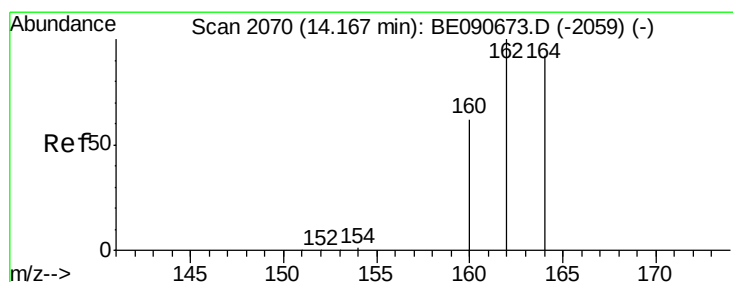
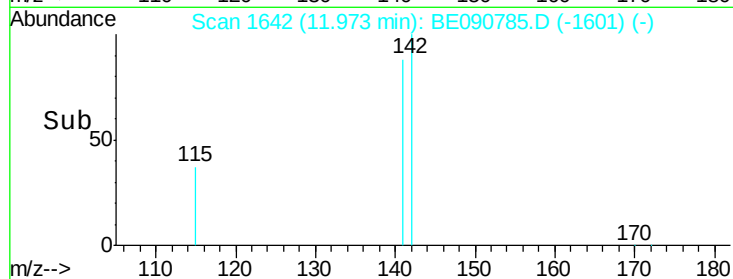
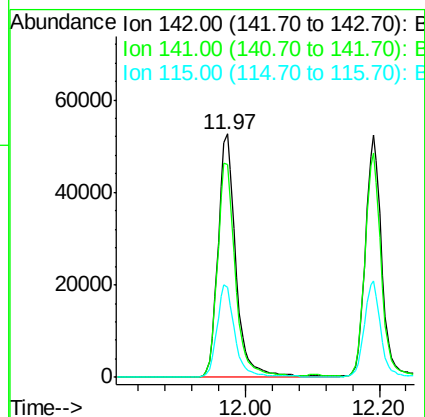
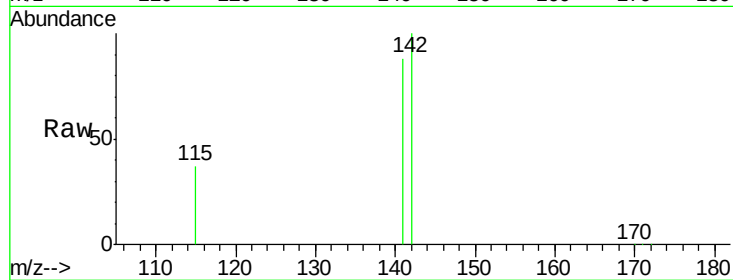
Tgt Ion:142 Resp: 96779

Ion Ratio Lower Upper

142 100

141 87.5 71.4 107.2

115 36.8 31.0 46.4



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.17 min Scan# 2070

Delta R.T. 0.00 min

Lab File: BE090785.D

Acq: 11 Sep 2015 15:27

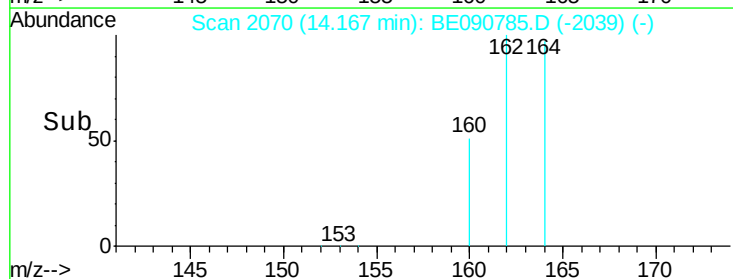
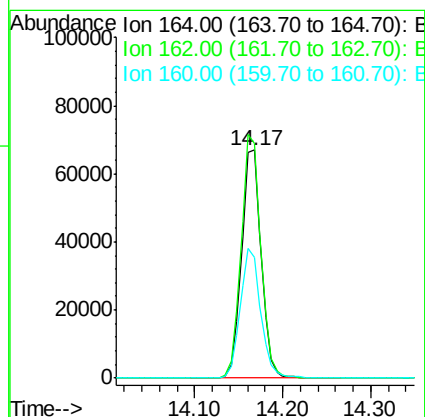
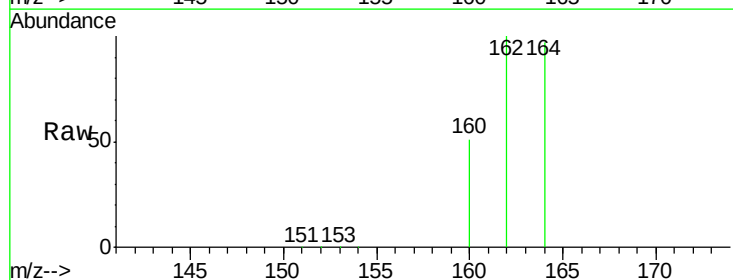
Tgt Ion:164 Resp: 103262

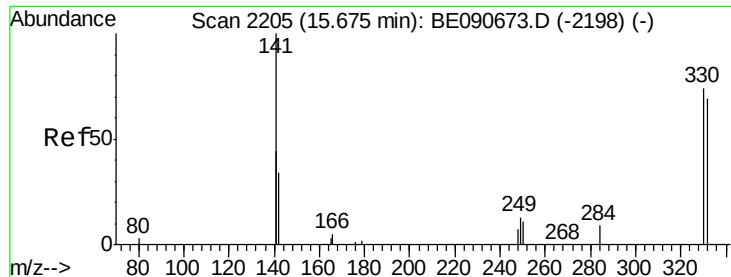
Ion Ratio Lower Upper

164 100

162 103.3 86.8 130.2

160 53.0 53.9 80.9#

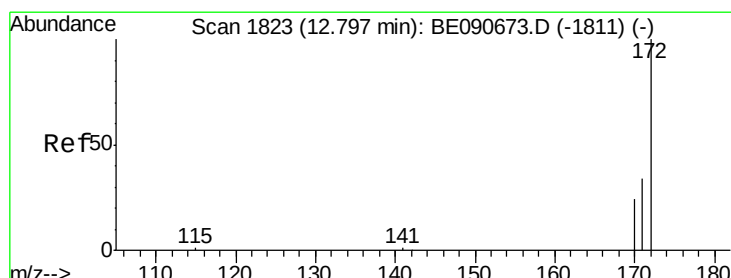
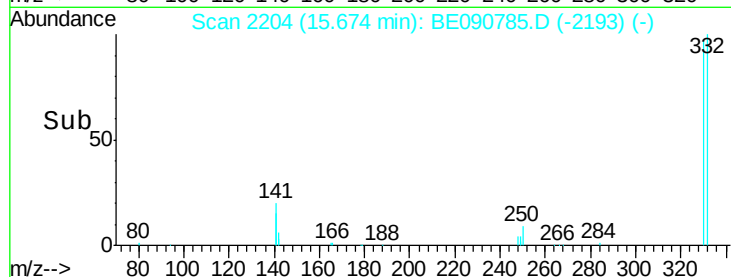
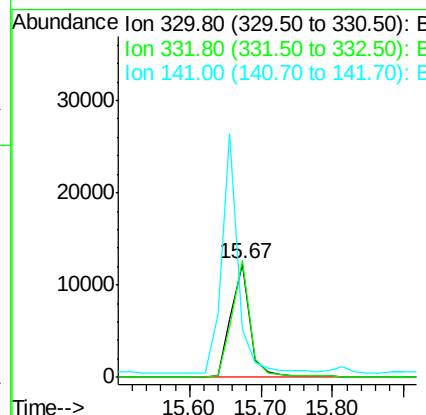
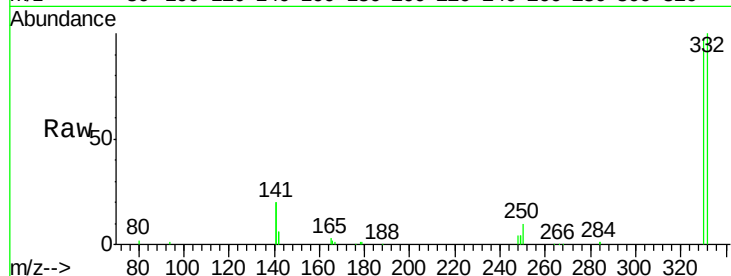




#13
 2,4,6-Tribromophenol
 Concen: 7.46 ng
 RT: 15.67 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: BE090785.D
 Acq: 11 Sep 2015 15:27

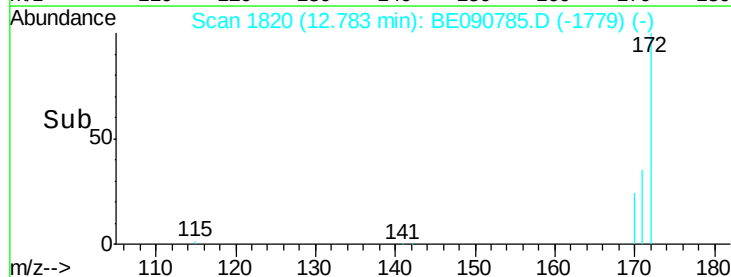
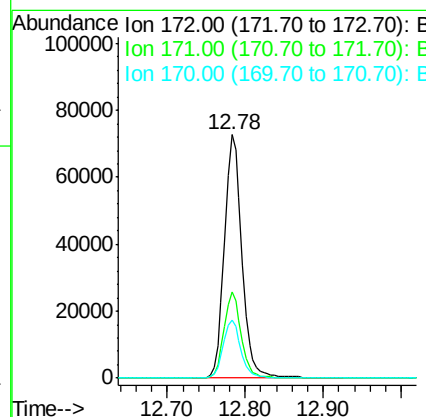
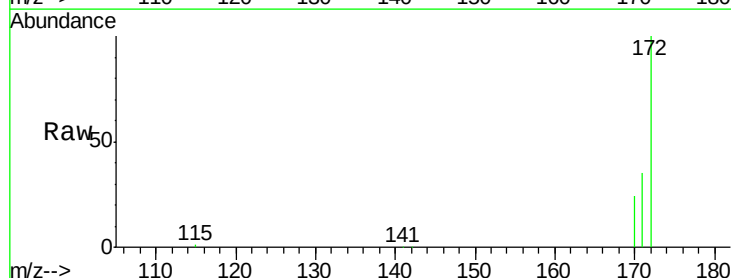
Instrument :
 BNA_E
 ClientSampleId :
 PB85487BS

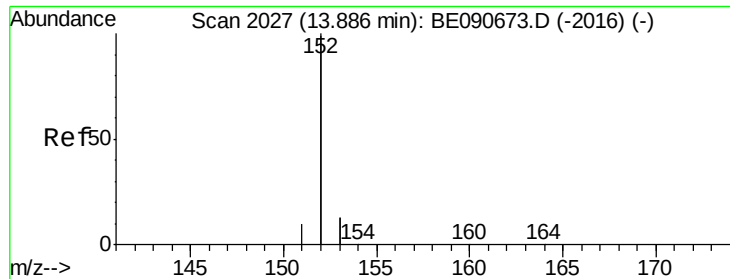
Tgt Ion:330 Resp: 22595
 Ion Ratio Lower Upper
 330 100
 332 98.2 74.9 112.3
 141 183.3 145.2 217.8



#14
 2-Fluorobiphenyl
 Concen: 3.96 ng
 RT: 12.78 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BE090785.D
 Acq: 11 Sep 2015 15:27

Tgt Ion:172 Resp: 113188
 Ion Ratio Lower Upper
 172 100
 171 35.2 27.8 41.8
 170 24.0 19.8 29.6





#15

Acenaphthylene

Concen: 3.83 ng

RT: 13.88 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BE090785.D

Acq: 11 Sep 2015 15:27

Instrument :

BNA_E

ClientSampleId :

PB85487BS

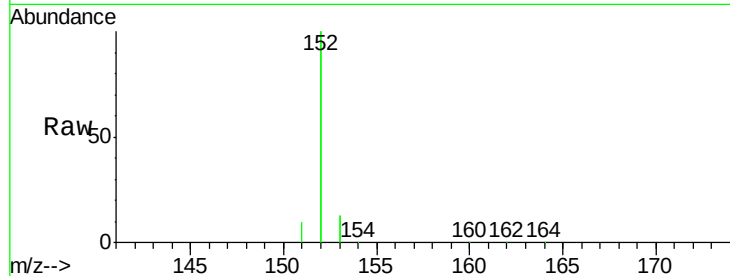
Tgt Ion:152 Resp: 631553

Ion Ratio Lower Upper

152 100

151 4.9 3.9 5.9

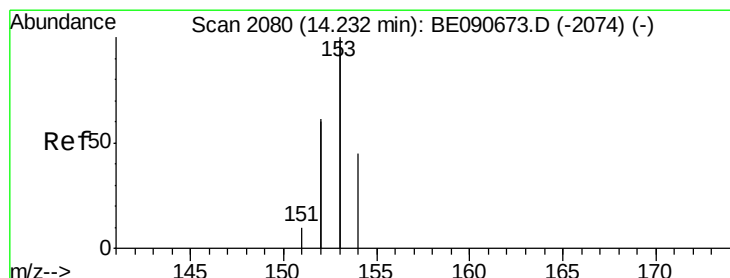
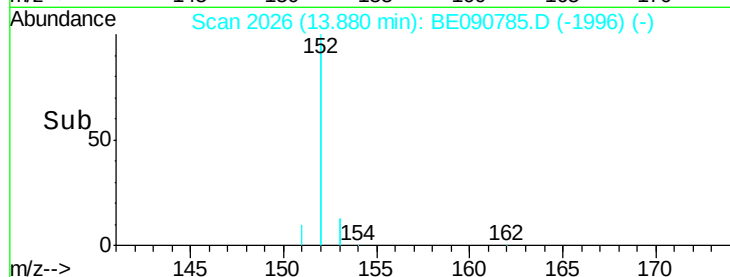
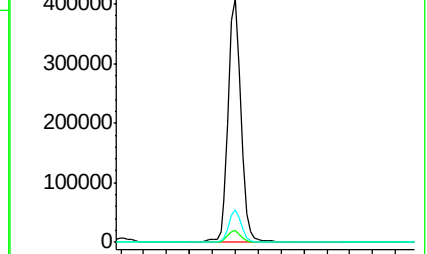
153 12.9 10.3 15.5



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: 3.62 ng

RT: 14.23 min Scan# 2079

Delta R.T. -0.01 min

Lab File: BE090785.D

Acq: 11 Sep 2015 15:27

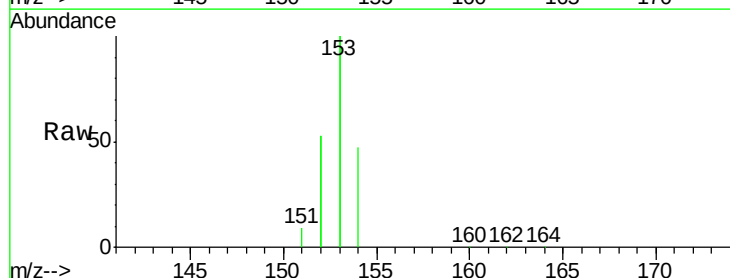
Tgt Ion:154 Resp: 99943

Ion Ratio Lower Upper

154 100

153 437.0 354.5 531.7

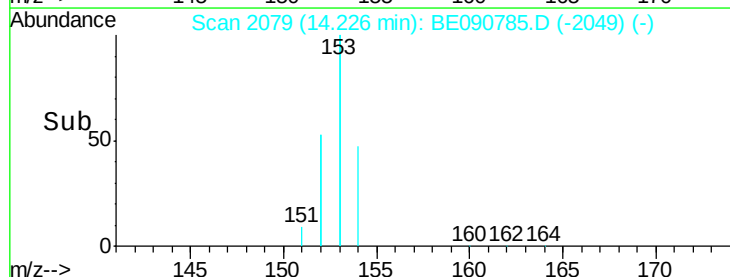
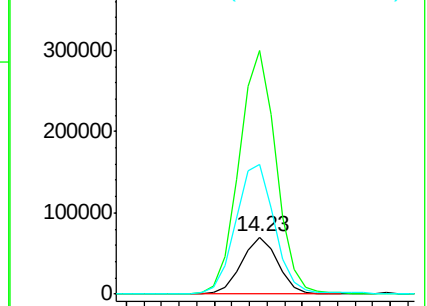
152 245.2 227.8 341.6

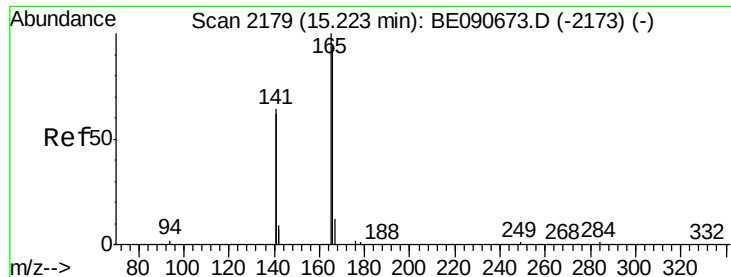


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

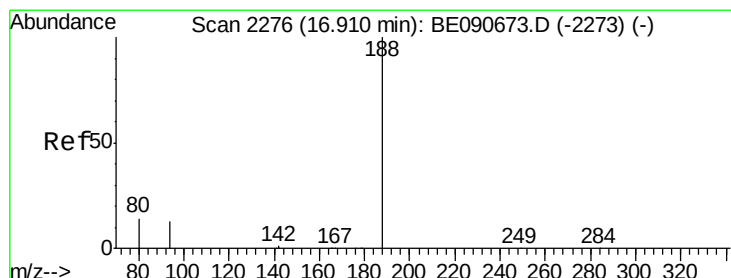
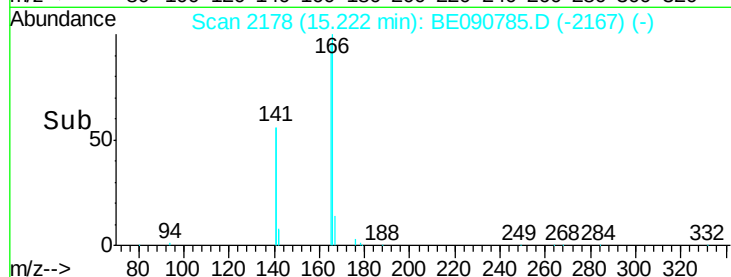
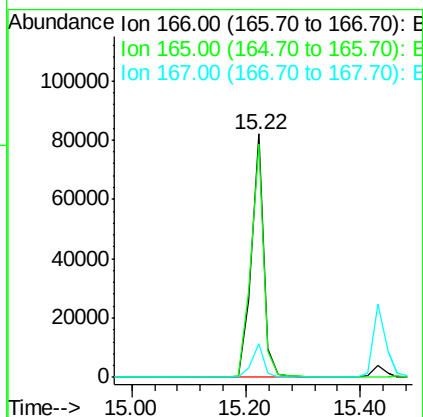
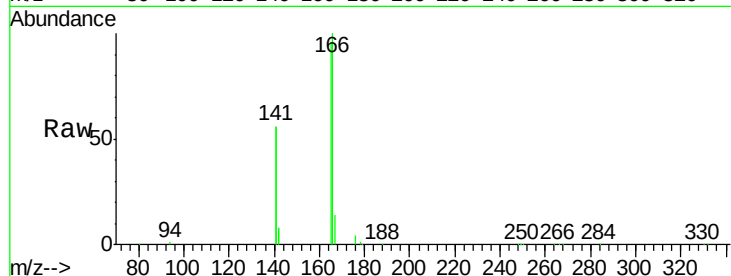




#17
Fluorene
Concen: 3.65 ng
RT: 15.22 min Scan# 2178
Delta R.T. -0.00 min
Lab File: BE090785.D
Acq: 11 Sep 2015 15:27

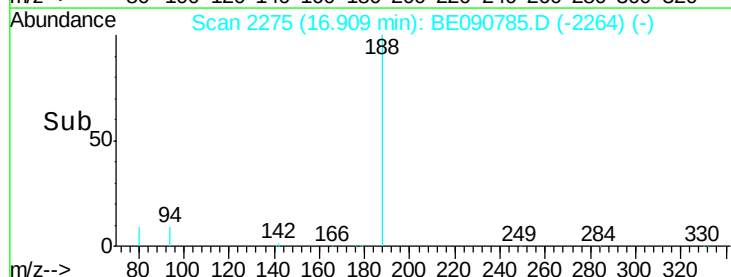
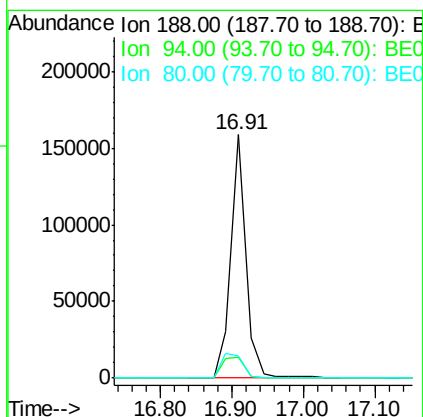
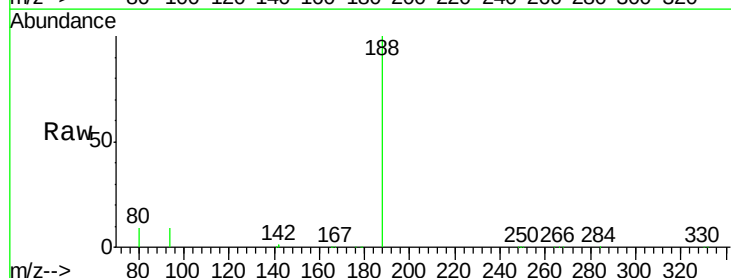
Instrument :
BNA_E
ClientSampleId :
PB85487BS

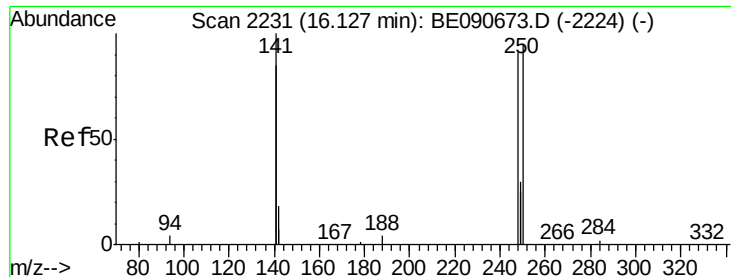
Tgt Ion:166 Resp: 125400
Ion Ratio Lower Upper
166 100
165 99.0 82.7 124.1
167 13.4 10.7 16.1



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BE090785.D
Acq: 11 Sep 2015 15:27

Tgt Ion:188 Resp: 231203
Ion Ratio Lower Upper
188 100
94 8.7 10.3 15.5#
80 9.1 11.0 16.6#





#19

4-Bromophenyl-phenylether

Concen: 3.95 ng

RT: 16.11 min Scan# 2229

Delta R.T. -0.02 min

Lab File: BE090785.D

Acq: 11 Sep 2015 15:27

Instrument :

BNA_E

ClientSampleId :

PB85487BS

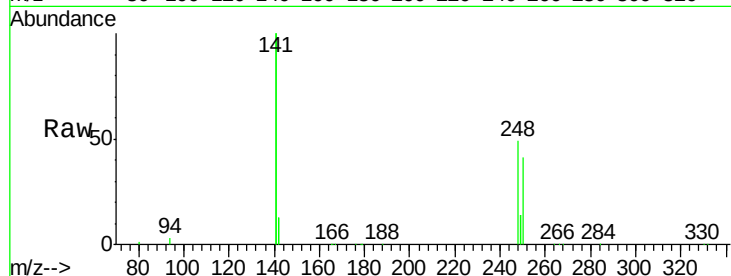
Tgt Ion:248 Resp: 31130

Ion Ratio Lower Upper

248 100

250 95.2 76.7 115.1

141 365.0 292.6 439.0

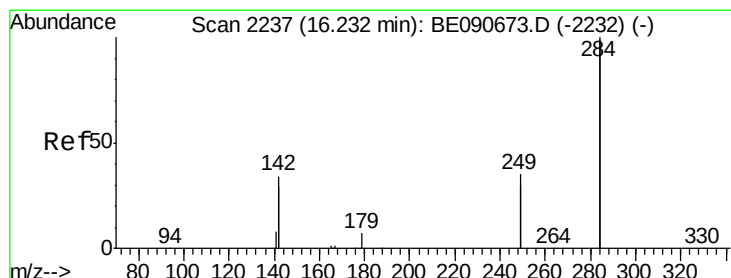
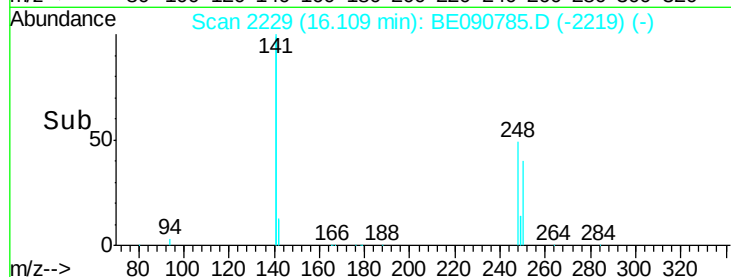
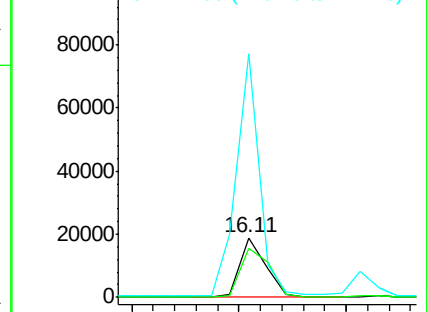


Abundance

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: 4.06 ng

RT: 16.23 min Scan# 2236

Delta R.T. -0.00 min

Lab File: BE090785.D

Acq: 11 Sep 2015 15:27

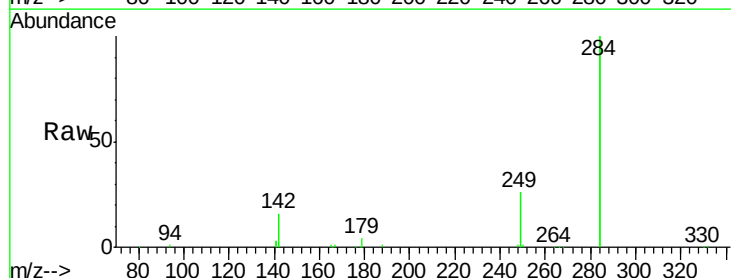
Tgt Ion:284 Resp: 153629

Ion Ratio Lower Upper

284 100

142 41.7 35.0 52.4

249 30.6 25.5 38.3

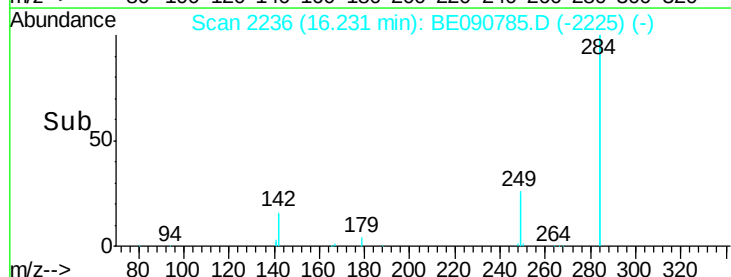
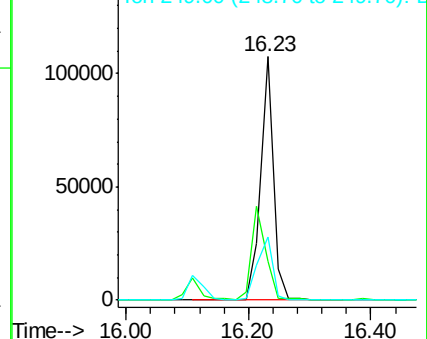


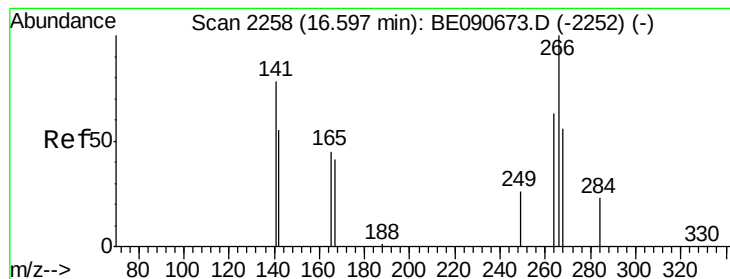
Abundance

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: 7.49 ng

RT: 16.58 min Scan# 2256

Delta R.T. -0.02 min

Lab File: BE090785.D

Acq: 11 Sep 2015 15:27

Instrument :

BNA_E

ClientSampleId :

PB85487BS

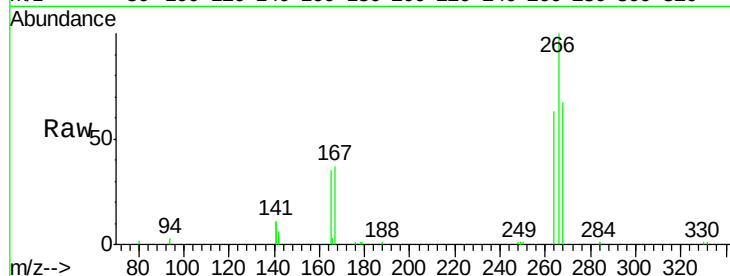
Tgt Ion:266 Resp: 23944

Ion Ratio Lower Upper

266 100

268 66.7 49.6 74.4

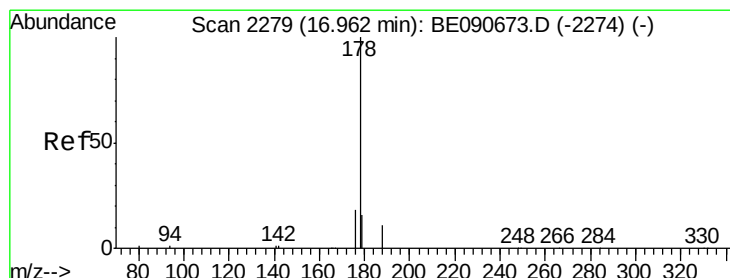
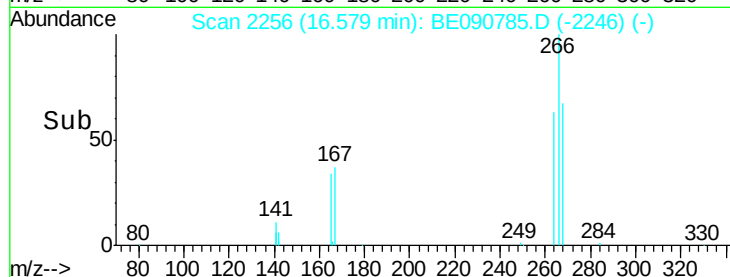
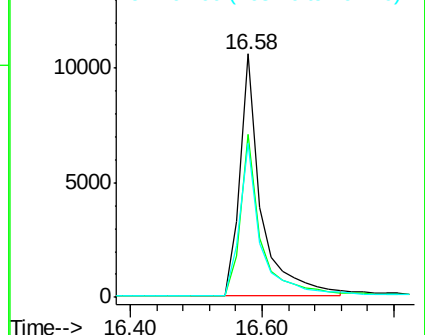
264 63.2 53.9 80.9



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: 3.78 ng

RT: 16.94 min Scan# 2277

Delta R.T. -0.02 min

Lab File: BE090785.D

Acq: 11 Sep 2015 15:27

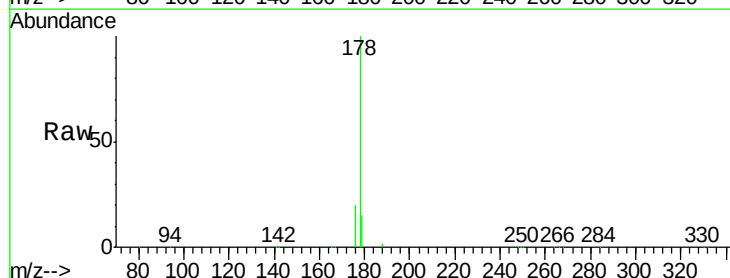
Tgt Ion:178 Resp: 216498

Ion Ratio Lower Upper

178 100

176 19.5 15.6 23.4

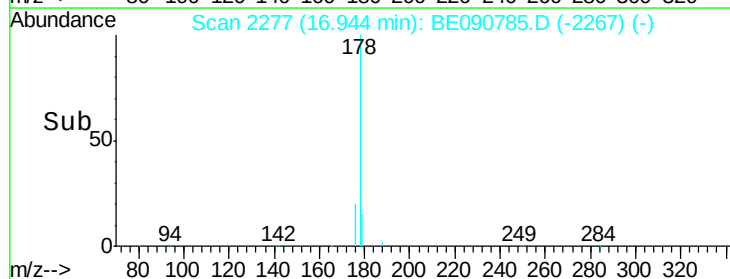
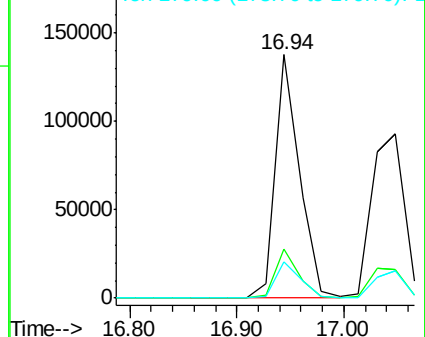
179 15.3 12.8 19.2

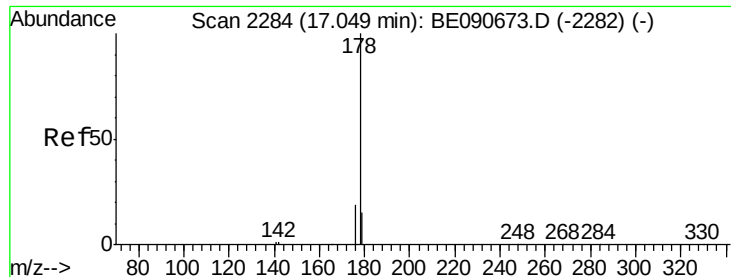


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Anthracene

Concen: 4.16 ng

RT: 17.05 min Scan# 2283

Delta R.T. -0.00 min

Lab File: BE090785.D

Acq: 11 Sep 2015 15:27

Instrument :

BNA_E

ClientSampleId :

PB85487BS

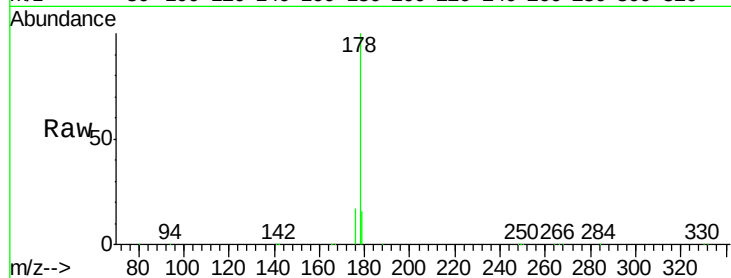
Tgt Ion:178 Resp: 199156

Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.6

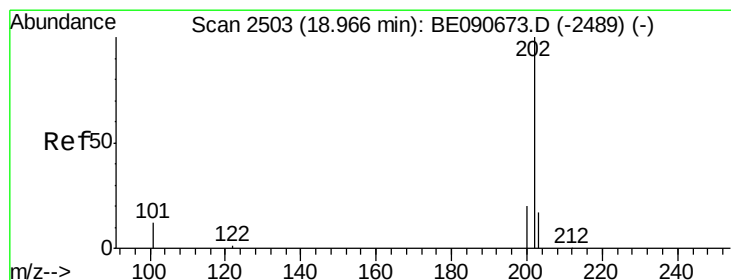
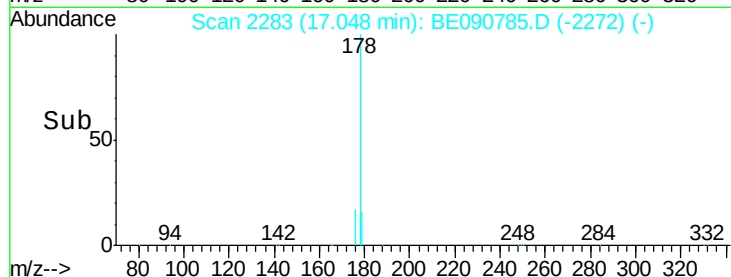
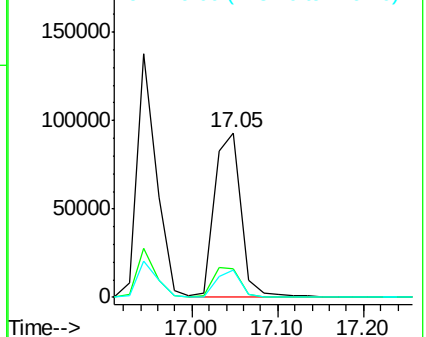
179 15.4 12.3 18.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Fluoranthene

Concen: 3.92 ng

RT: 18.96 min Scan# 2500

Delta R.T. -0.01 min

Lab File: BE090785.D

Acq: 11 Sep 2015 15:27

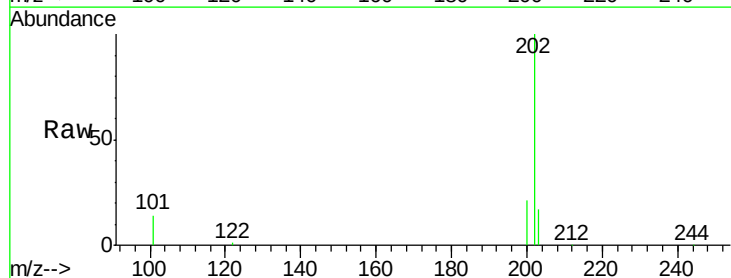
Tgt Ion:202 Resp: 236190

Ion Ratio Lower Upper

202 100

101 14.2 11.0 16.6

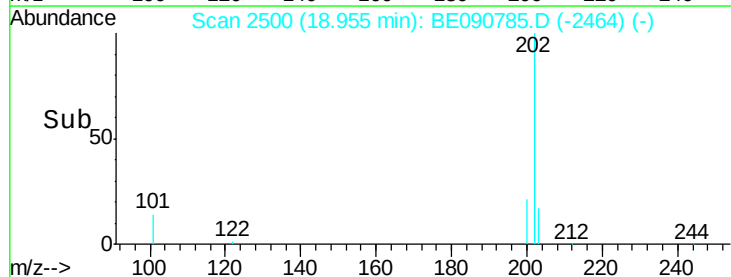
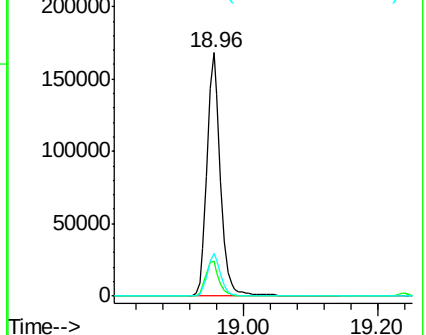
203 17.1 13.9 20.9

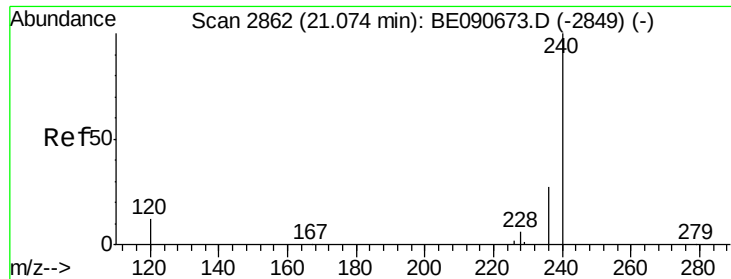


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

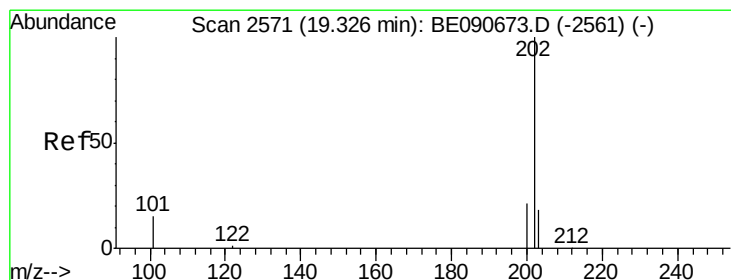
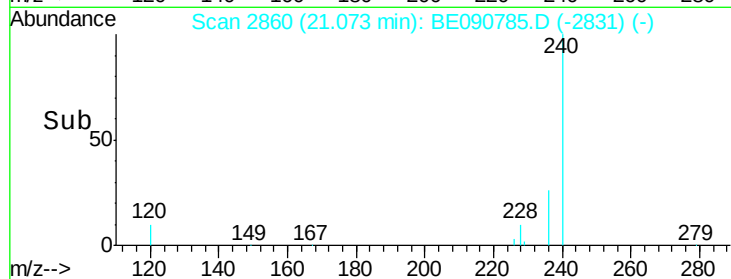
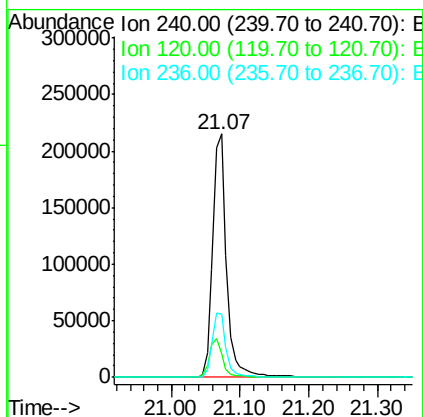
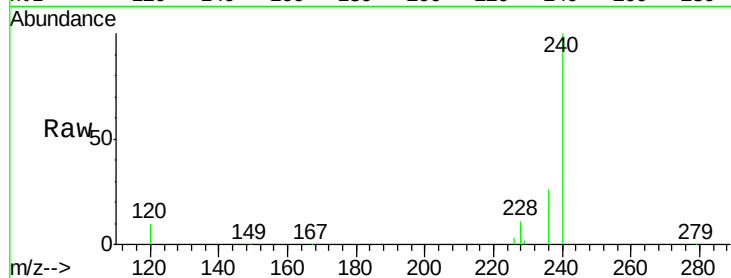




#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.07 min Scan# 2860
Delta R.T. -0.00 min
Lab File: BE090785.D
Acq: 11 Sep 2015 15:27

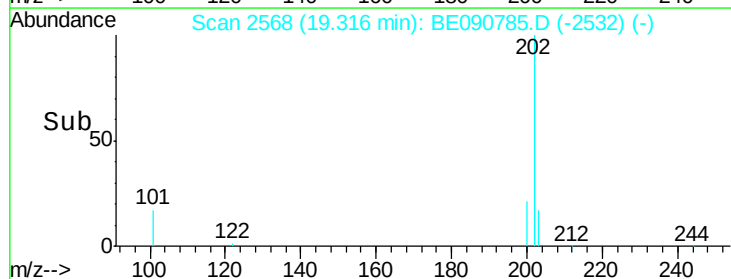
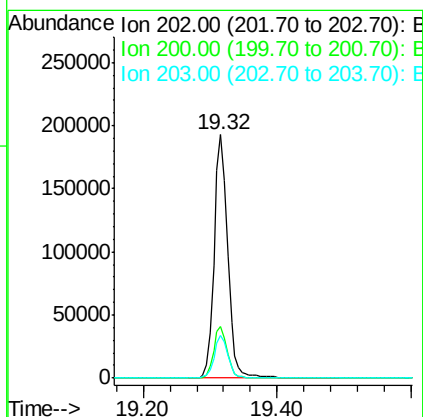
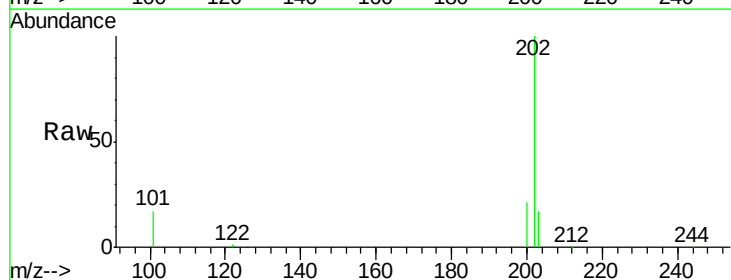
Instrument :
BNA_E
ClientSampleId :
PB85487BS

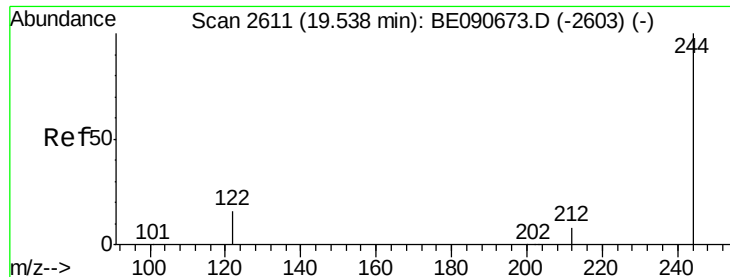
Tgt Ion:240 Resp: 300823
Ion Ratio Lower Upper
240 100
120 9.6 10.1 15.1#
236 25.7 21.9 32.9



#26
Pyrene
Concen: 4.30 ng
RT: 19.32 min Scan# 2568
Delta R.T. -0.01 min
Lab File: BE090785.D
Acq: 11 Sep 2015 15:27

Tgt Ion:202 Resp: 267592
Ion Ratio Lower Upper
202 100
200 21.2 16.7 25.1
203 17.9 13.8 20.6





#27

Terphenyl-d14

Concen: 4.42 ng

RT: 19.53 min Scan# 2608

Delta R.T. -0.01 min

Lab File: BE090785.D

Acq: 11 Sep 2015 15:27

Instrument :

BNA_E

ClientSampleId :

PB85487BS

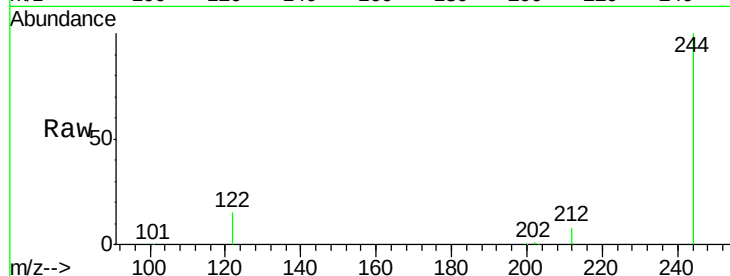
Tgt Ion:244 Resp: 147266

Ion Ratio Lower Upper

244 100

212 8.4 6.9 10.3

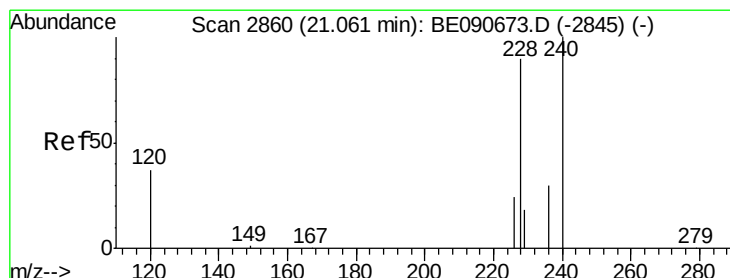
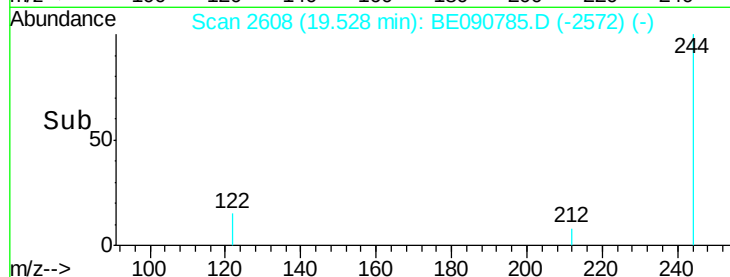
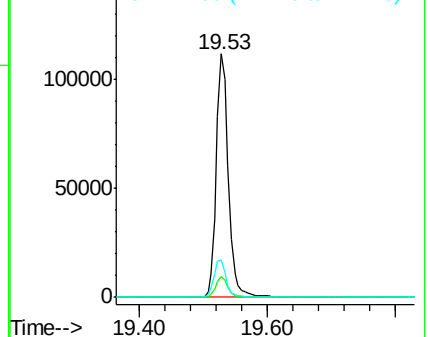
122 15.3 12.9 19.3



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: 3.99 ng

RT: 21.05 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BE090785.D

Acq: 11 Sep 2015 15:27

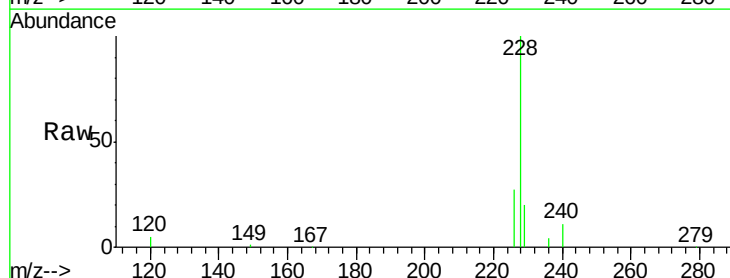
Tgt Ion:228 Resp: 263260

Ion Ratio Lower Upper

228 100

226 27.1 21.6 32.4

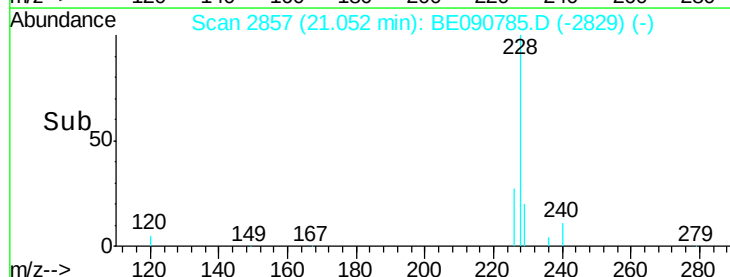
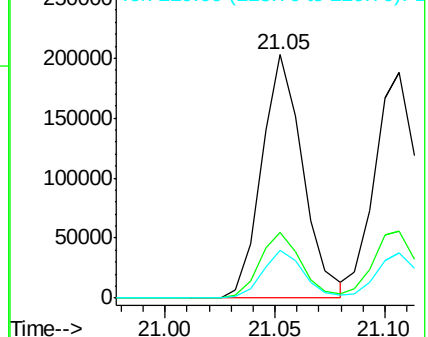
229 19.6 15.9 23.9

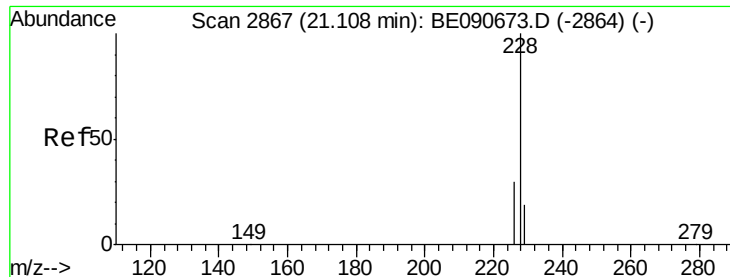


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#29

Chrysene

Concen: 3.90 ng

RT: 21.11 min Scan# 2865

Delta R.T. -0.00 min

Lab File: BE090785.D

Acq: 11 Sep 2015 15:27

Instrument :

BNA_E

ClientSampleId :

PB85487BS

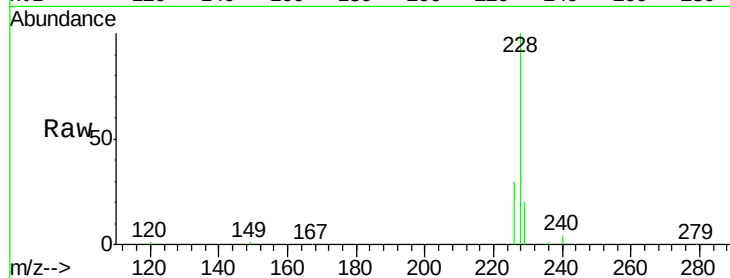
Tgt Ion:228 Resp: 271901

Ion Ratio Lower Upper

228 100

226 29.8 24.2 36.4

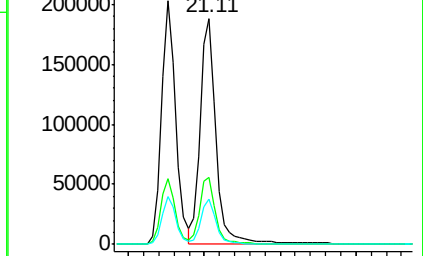
229 20.1 15.3 22.9



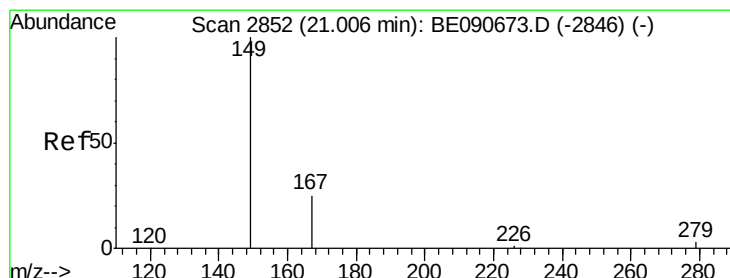
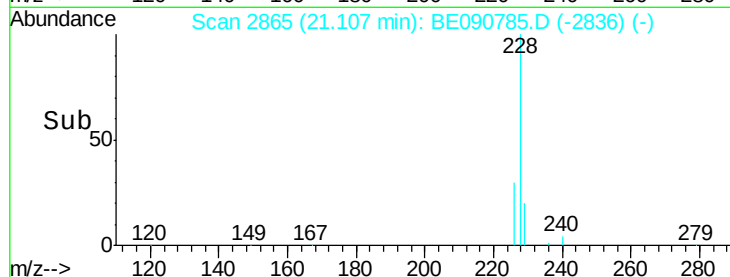
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#30

Bis(2-ethylhexyl)phthalate

Concen: 3.70 ng

RT: 21.00 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BE090785.D

Acq: 11 Sep 2015 15:27

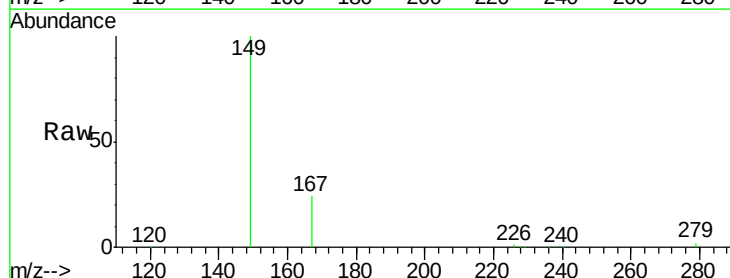
Tgt Ion:149 Resp: 78129

Ion Ratio Lower Upper

149 100

167 25.6 20.1 30.1

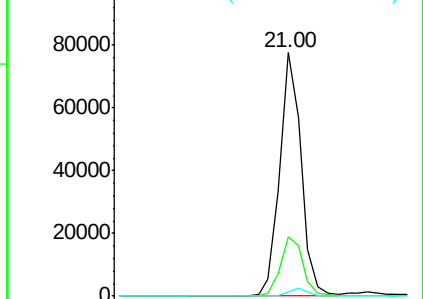
279 3.0 2.3 3.5



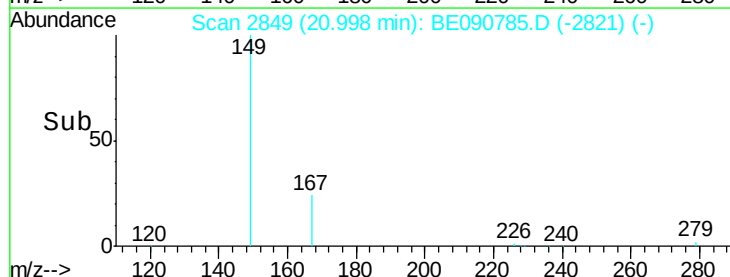
Abundance Ion 149.00 (148.70 to 149.70): E

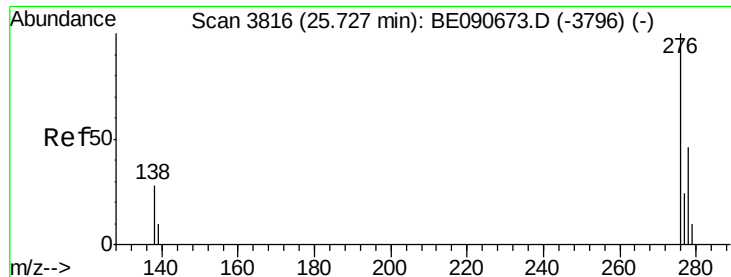
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->





#31

Indeno(1,2,3-cd)pyrene

Concen: 3.92 ng

RT: 25.72 min Scan# 3813

Delta R.T. -0.01 min

Lab File: BE090785.D

Acq: 11 Sep 2015 15:27

Instrument :

BNA_E

ClientSampleId :

PB85487BS

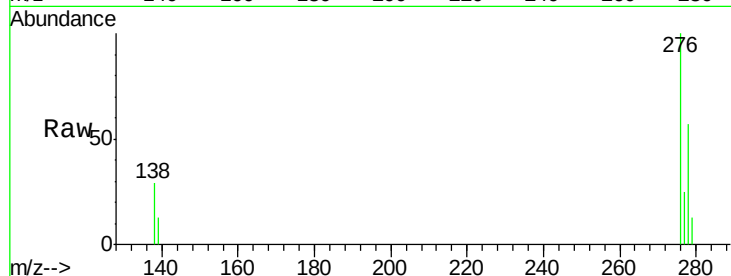
Tgt Ion: 276 Resp: 278696

Ion Ratio Lower Upper

276 100

138 30.2 23.3 34.9

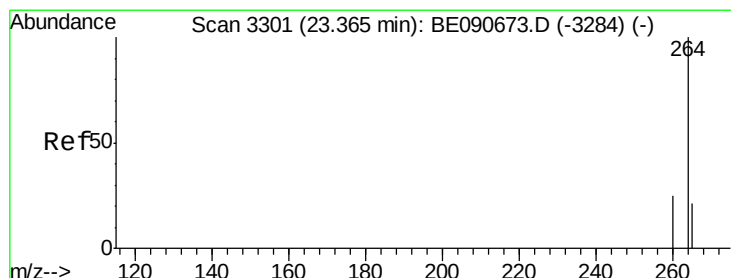
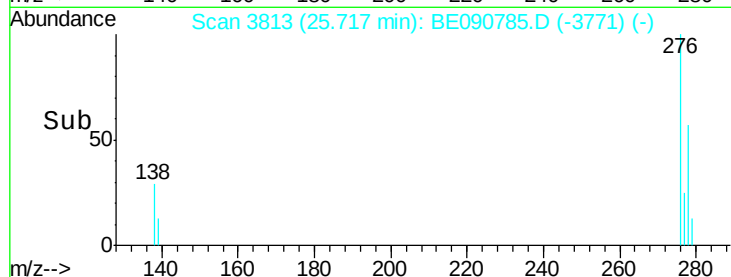
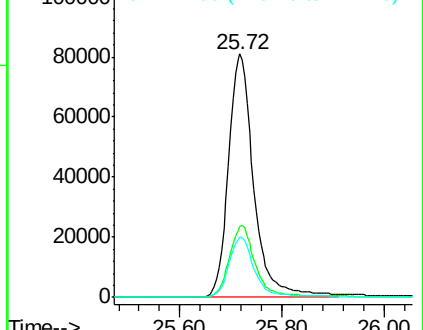
277 25.0 19.8 29.6



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: 23.36 min Scan# 3298

Delta R.T. -0.01 min

Lab File: BE090785.D

Acq: 11 Sep 2015 15:27

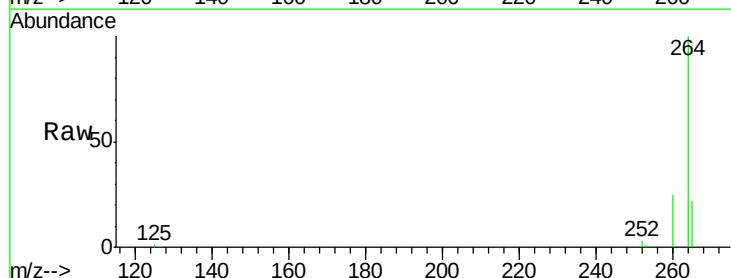
Tgt Ion: 264 Resp: 267939

Ion Ratio Lower Upper

264 100

260 24.8 19.7 29.5

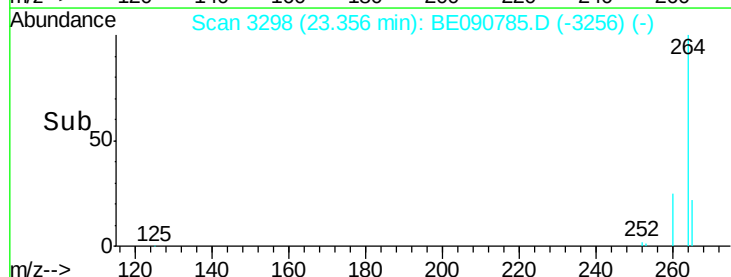
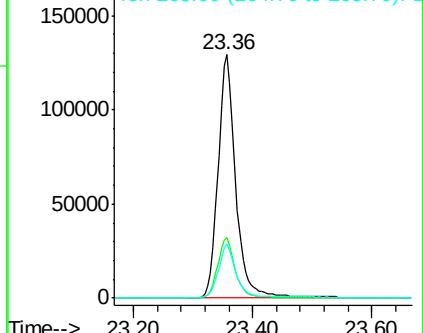
265 22.0 17.5 26.3

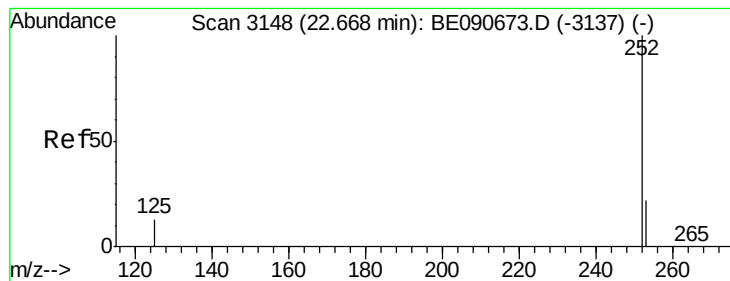


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#33

Benzo(b)fluoranthene

Concen: 4.12 ng

RT: 22.66 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BE090785.D

Acq: 11 Sep 2015 15:27

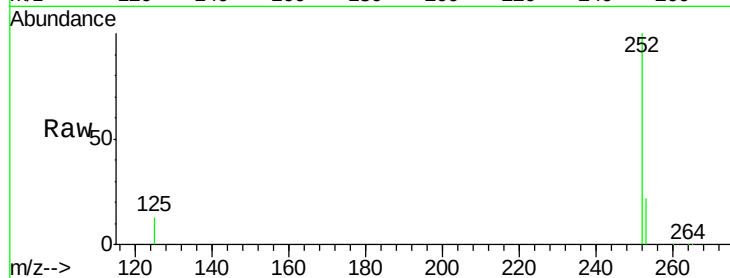
Instrument :

BNA_E

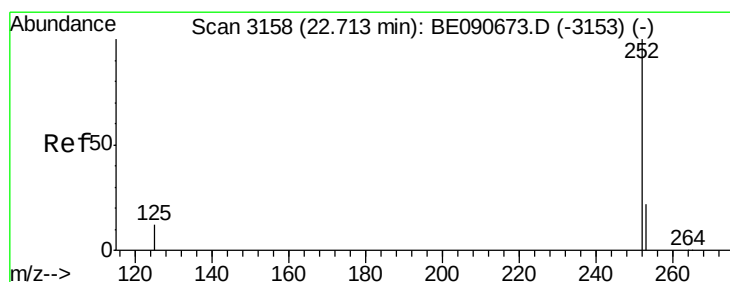
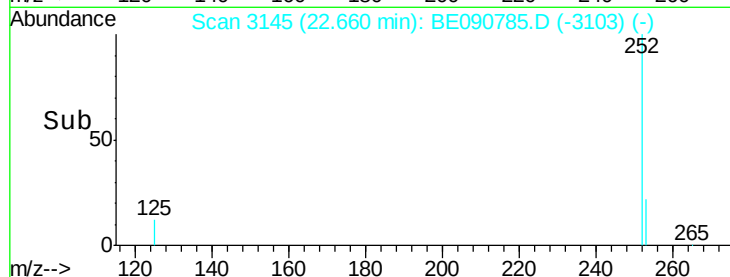
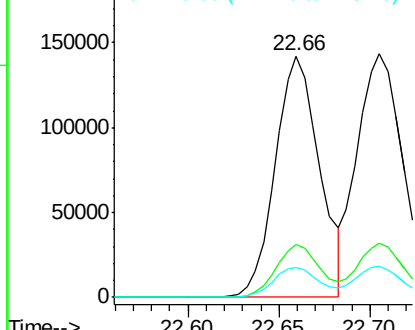
ClientSampleId :

PB85487BS

Tgt Ion:	252	Resp:	239364
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.9	26.9
125	12.6	10.6	16.0



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: 4.04 ng

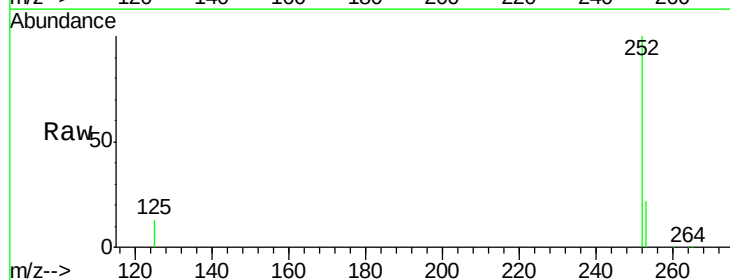
RT: 22.71 min Scan# 3155

Delta R.T. -0.01 min

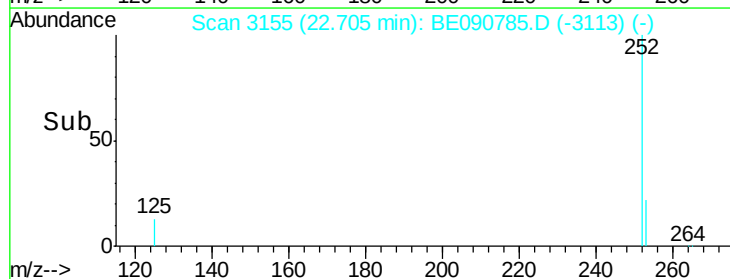
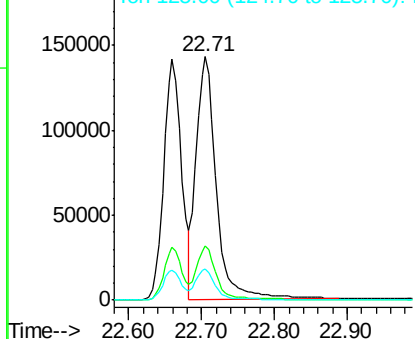
Lab File: BE090785.D

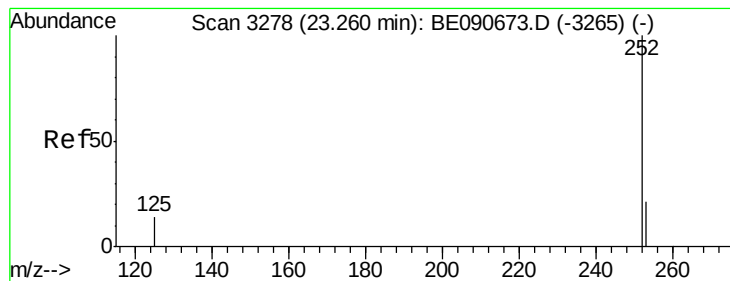
Acq: 11 Sep 2015 15:27

Tgt Ion:	252	Resp:	273115
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.9	26.9
125	12.7	10.1	15.1



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: 4.35 ng

RT: 23.25 min Scan# 3275

Delta R.T. -0.01 min

Lab File: BE090785.D

Acq: 11 Sep 2015 15:27

Instrument :

BNA_E

ClientSampleId :

PB85487BS

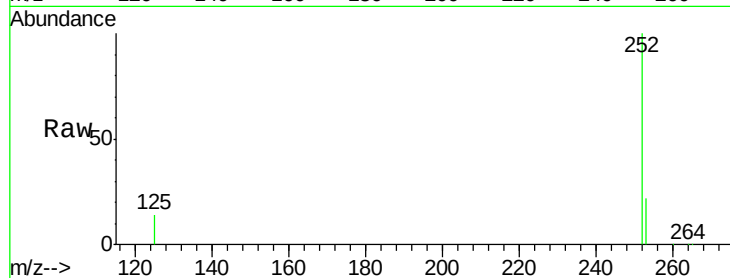
Tgt Ion: 252 Resp: 226102

Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

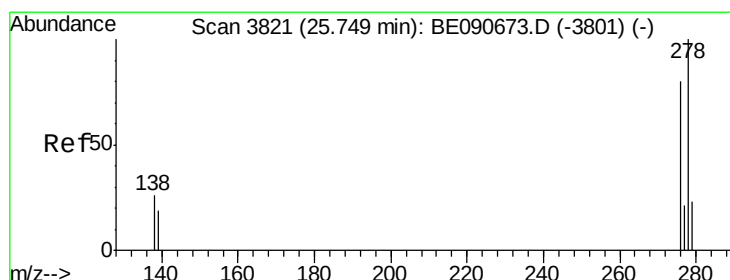
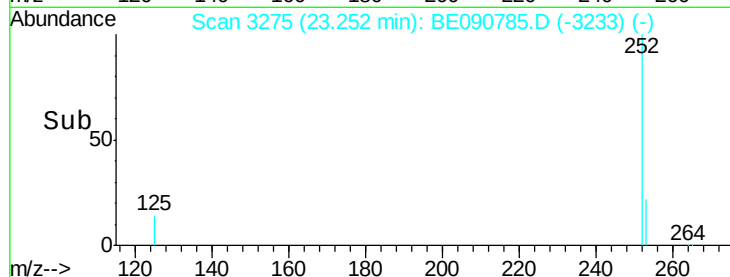
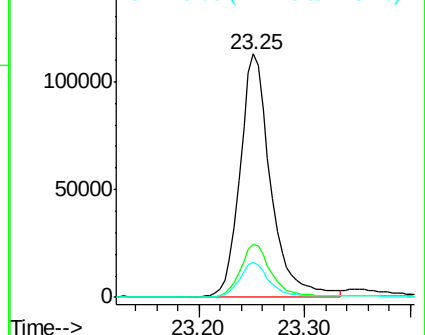
125 14.1 11.6 17.4



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



#36

Dibenzo(a,h)anthracene

Concen: 3.66 ng

RT: 25.73 min Scan# 3816

Delta R.T. -0.02 min

Lab File: BE090785.D

Acq: 11 Sep 2015 15:27

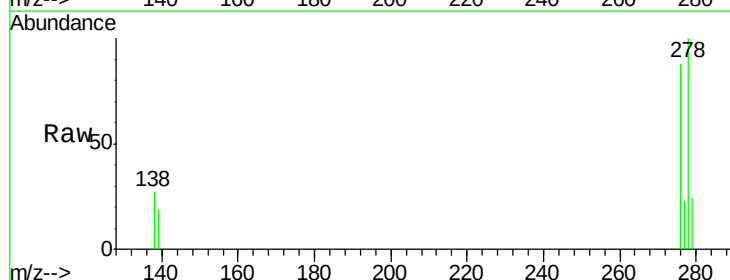
Tgt Ion: 278 Resp: 229490

Ion Ratio Lower Upper

278 100

139 19.1 15.4 23.0

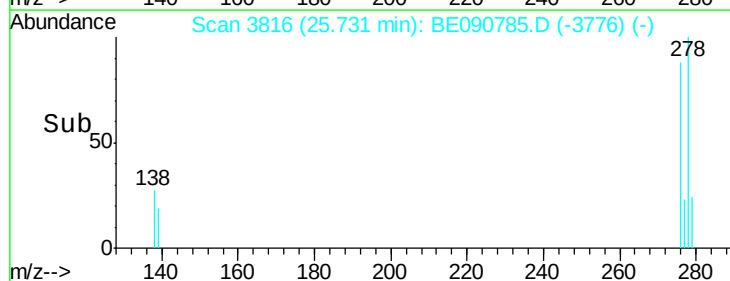
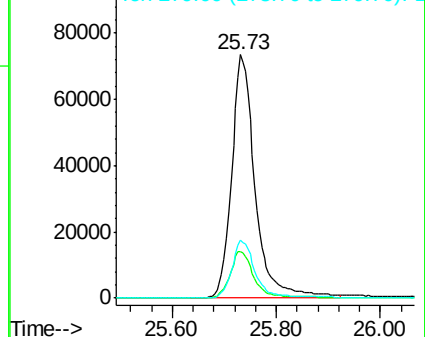
279 23.9 18.8 28.2

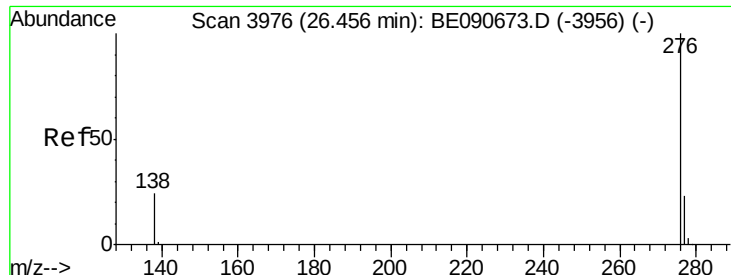


Abundance Ion 278.00 (277.70 to 278.70): E

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: 3.94 ng

RT: 26.44 min Scan# 3972

Delta R.T. -0.01 min

Lab File: BE090785.D

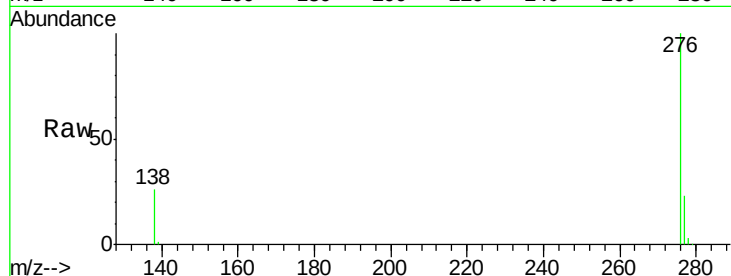
Acq: 11 Sep 2015 15:27

Instrument :

BNA_E

ClientSampleId :

PB85487BS



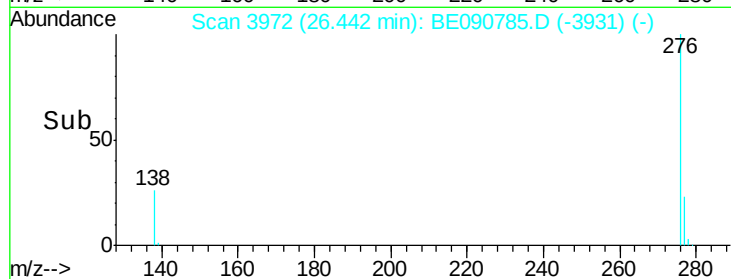
Tgt Ion: 276 Resp: 235780

Ion Ratio Lower Upper

276 100

277 23.4 18.5 27.7

138 26.1 20.1 30.1



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

