

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE071615\
 Data File : BE090137.D
 Acq On : 17 Jul 2015 2:20
 Operator : TP/IZ
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001EC

Quant Time: Jul 17 13:16:53 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE071615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 17 12:59:41 2015
 Response via : Initial Calibration

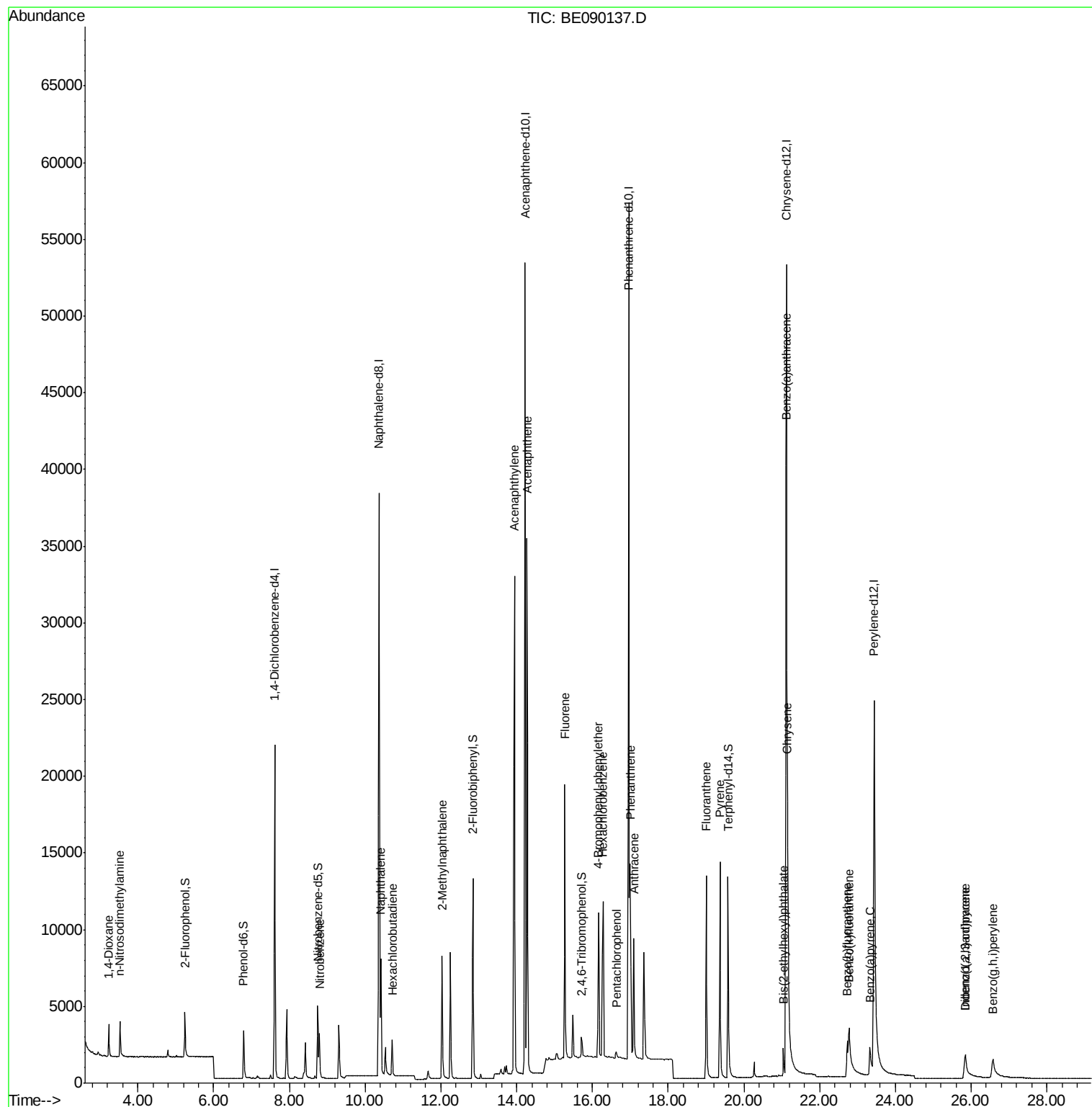
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	10792	5.00	ng	0.00
6) Naphthalene-d8	10.37	136	51078	5.00	ng	0.00
12) Acenaphthene-d10	14.22	164	30532	5.00	ng	0.00
18) Phenanthrene-d10	16.96	188	69663	5.00	ng	0.00
25) Chrysene-d12	21.12	240	66962	5.00	ng	0.00
32) Perylene-d12	23.44	264	49107	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	2370	1.03	ng	0.00
5) Phenol-d6	6.80	99	3902	1.19	ng	0.00
7) Nitrobenzene-d5	8.75	82	4452	1.18	ng	0.00
13) 2,4,6-Tribromophenol	15.73	330	791	1.20	ng	0.00
14) 2-Fluorobiphenyl	12.84	172	12858	1.37	ng	0.00
27) Terphenyl-d14	19.58	244	18934	1.69	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.23	88	1432	1.10	ng	93
3) n-Nitrosodimethylamine	3.53	42	1538	0.90	ng	# 96
8) Nitrobenzene	8.79	77	3378	0.85	ng	98
9) Naphthalene	10.41	128	10026	0.87	ng	99
10) Hexachlorobutadiene	10.71	225	1711	0.88	ng	98
11) 2-Methylnaphthalene	12.03	142	6436	0.87	ng	100
15) Acenaphthylene	13.94	152	44641	0.82	ng	100
16) Acenaphthene	14.28	154	6459	0.82	ng	98
17) Fluorene	15.28	166	8259	0.81	ng	99
19) 4-Bromophenyl-phenylether	16.16	248	2361	0.79	ng	95
20) Hexachlorobenzene	16.28	284	10257	0.79	ng	96
21) Pentachlorophenol	16.63	266	341	0.96	ng	97
22) Phenanthrene	17.00	178	14275	0.81	ng	100
23) Anthracene	17.10	178	12866	0.83	ng	100
24) Fluoranthene	19.01	202	14241	0.82	ng	100
26) Pyrene	19.37	202	14679	0.81	ng	99
28) Benzo(a)anthracene	21.11	228	9796	0.86	ng	99
29) Chrysene	21.15	228	15396	0.85	ng	100
30) Bis(2-ethylhexyl)phthalate	21.05	149	1955	0.84	ng	# 97
31) Indeno(1,2,3-cd)pyrene	25.84	276	3730	0.93	ng	98
33) Benzo(b)fluoranthene	22.73	252	3529	0.99	ng	98
34) Benzo(k)fluoranthene	22.78	252	8568	0.74	ng	100
35) Benzo(a)pyrene	23.33	252	4326	0.81	ng	99
36) Dibenzo(a,h)anthracene	25.85	278	2423	0.98	ng	99
37) Benzo(g,h,i)perylene	26.58	276	4881	0.83	ng	97

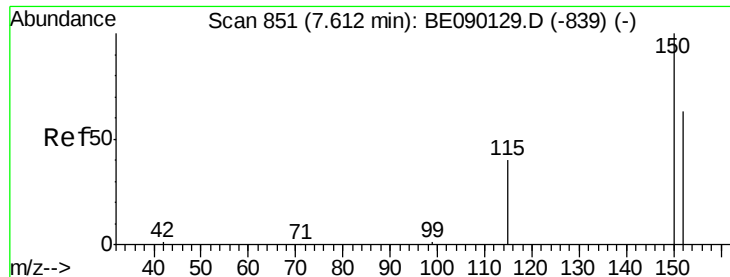
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE071615\
Data File : BE090137.D
Acq On : 17 Jul 2015 2:20
Operator : TP/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
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Quant Time: Jul 17 13:16:53 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE071615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 17 12:59:41 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.61 min Scan# 851

Delta R.T. -0.00 min

Lab File: BE090137.D

Acq: 17 Jul 2015 2:20

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

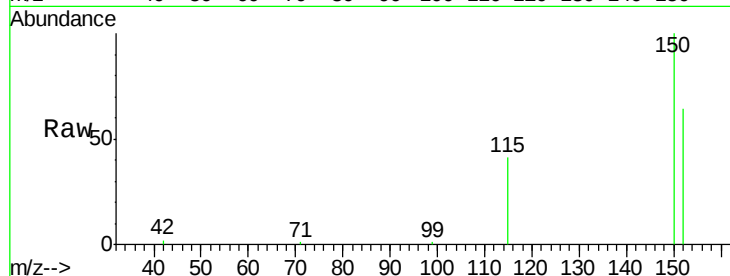
Tgt Ion: 152 Resp: 10792

Ion Ratio Lower Upper

152 100

150 156.0 127.3 190.9

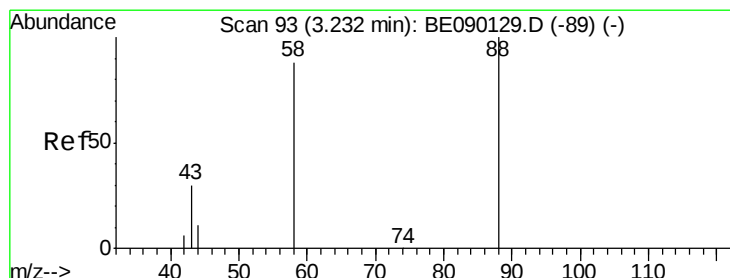
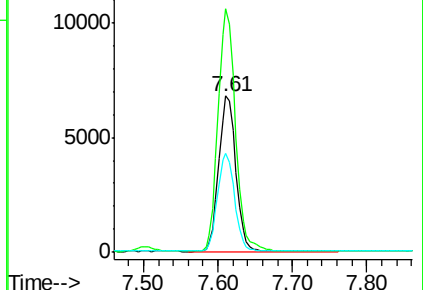
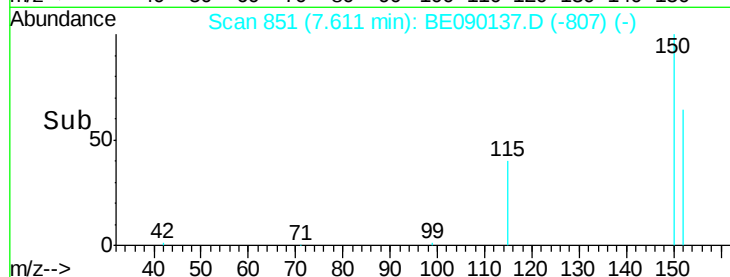
115 63.3 51.0 76.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 1.10 ng

RT: 3.23 min Scan# 93

Delta R.T. -0.00 min

Lab File: BE090137.D

Acq: 17 Jul 2015 2:20

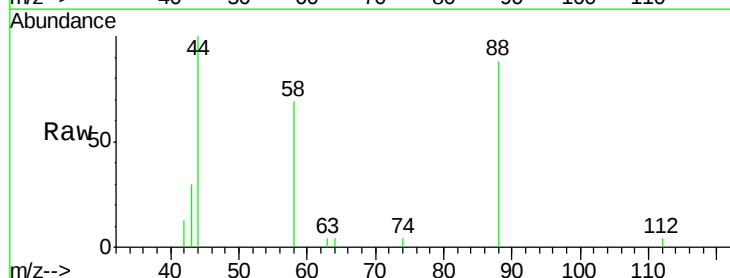
Tgt Ion: 88 Resp: 1432

Ion Ratio Lower Upper

88 100

58 77.2 67.0 100.4

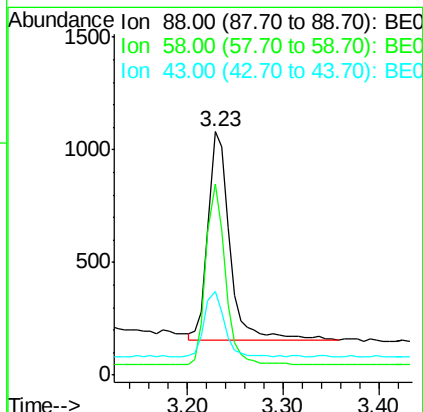
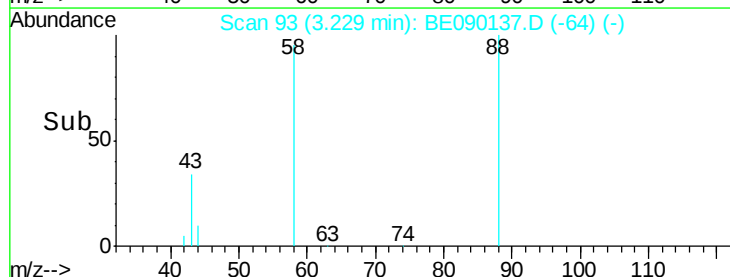
43 29.0 26.0 39.0

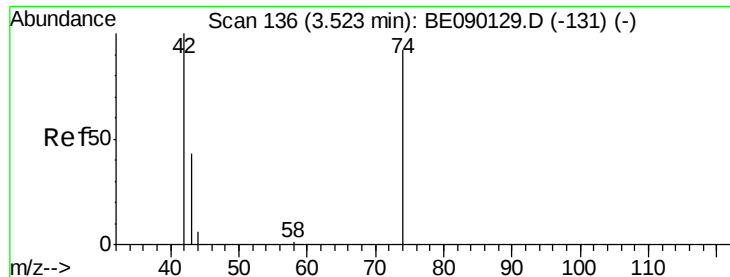


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



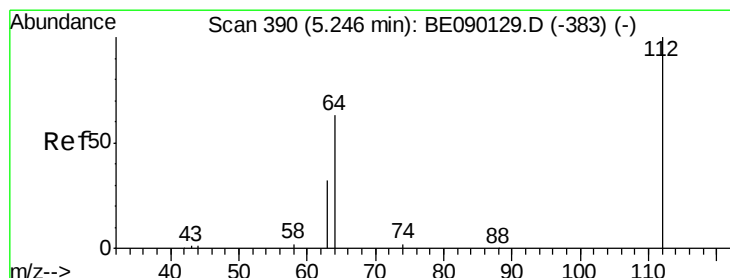
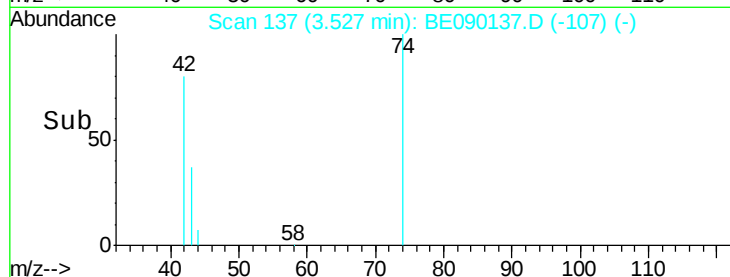
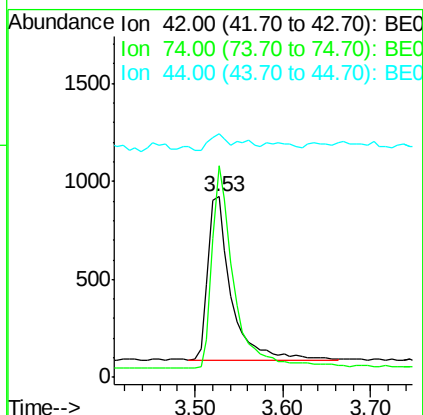
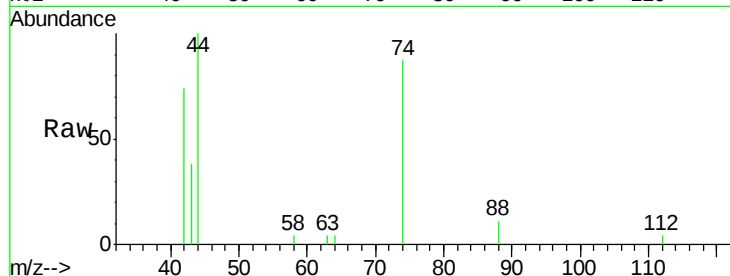


#3

n-Nitrosodimethylamine
 Concen: 0.90 ng
 RT: 3.53 min Scan# 137
 Delta R.T. 0.00 min
 Lab File: BE090137.D
 Acq: 17 Jul 2015 2:20

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001EC

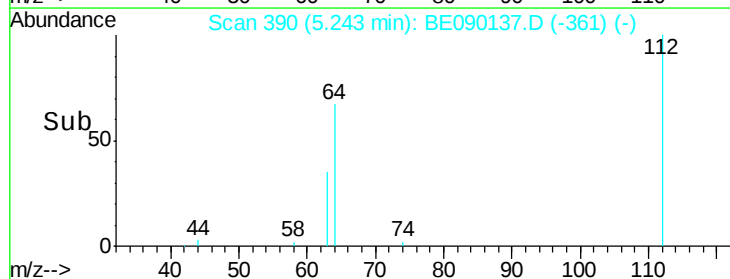
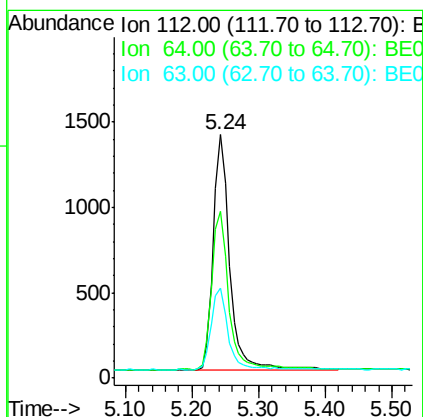
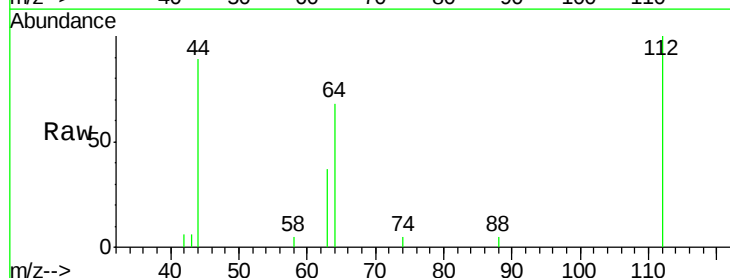
Tgt Ion: 42 Resp: 1538
 Ion Ratio Lower Upper
 42 100
 74 117.0 91.0 136.6
 44 7.2 9.2 13.8#

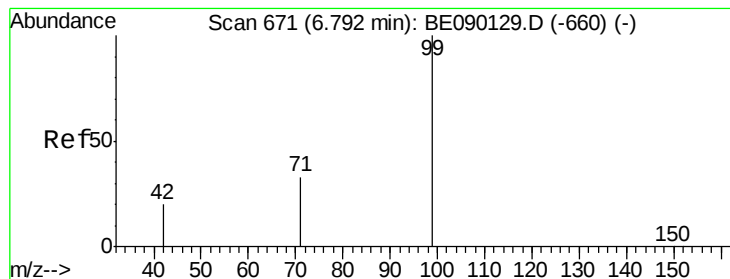


#4

2-Fluorophenol
 Concen: 1.03 ng
 RT: 5.24 min Scan# 390
 Delta R.T. -0.00 min
 Lab File: BE090137.D
 Acq: 17 Jul 2015 2:20

Tgt Ion: 112 Resp: 2370
 Ion Ratio Lower Upper
 112 100
 64 67.7 55.4 83.2
 63 35.4 29.3 43.9





#5

Phenol-d6

Concen: 1.19 ng

RT: 6.80 min Scan# 672

Delta R.T. 0.00 min

Lab File: BE090137.D

Acq: 17 Jul 2015 2:20

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

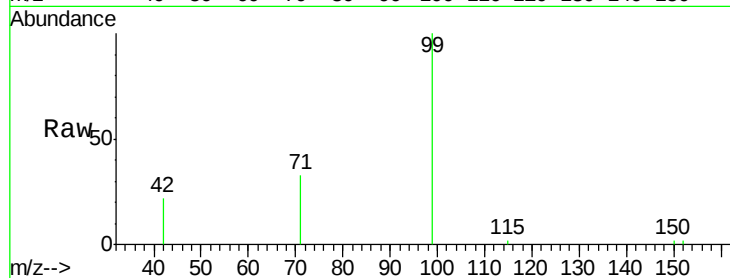
Tgt Ion: 99 Resp: 3902

Ion Ratio Lower Upper

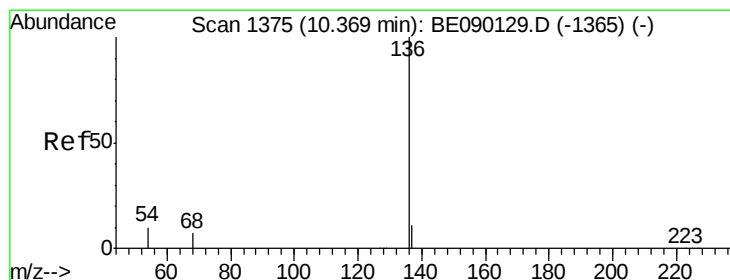
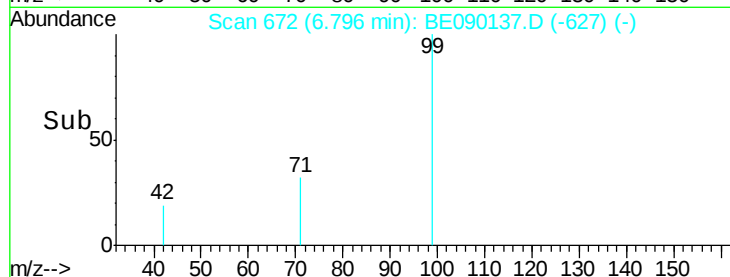
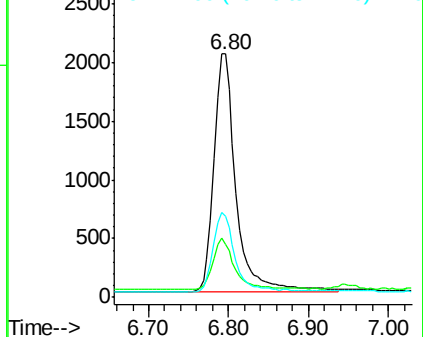
99 100

42 20.2 16.8 25.2

71 33.1 26.6 39.8



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: 10.37 min Scan# 1375

Delta R.T. -0.00 min

Lab File: BE090137.D

Acq: 17 Jul 2015 2:20

Tgt Ion: 136 Resp: 51078

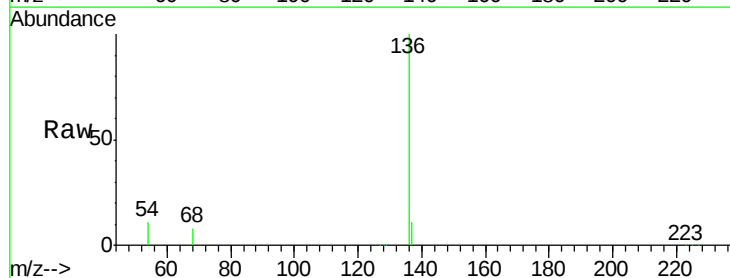
Ion Ratio Lower Upper

136 100

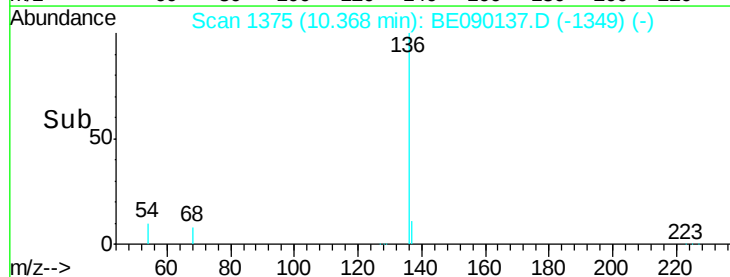
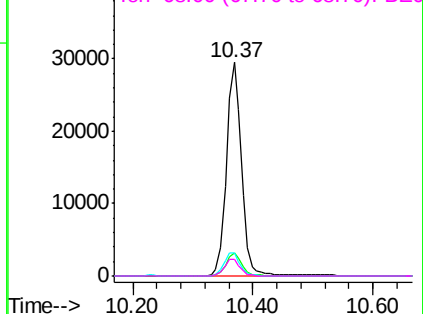
137 11.0 8.9 13.3

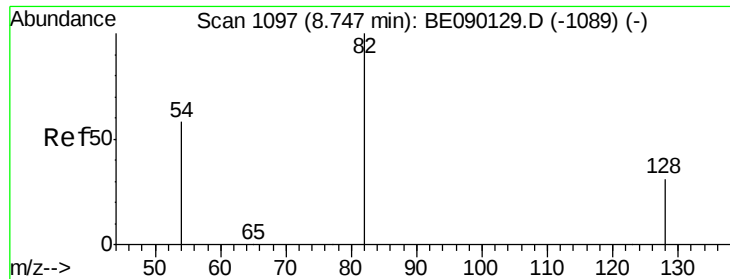
54 10.6 7.8 11.8

68 7.7 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: 1.18 ng

RT: 8.75 min Scan# 1098

Delta R.T. 0.00 min

Lab File: BE090137.D

Acq: 17 Jul 2015 2:20

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

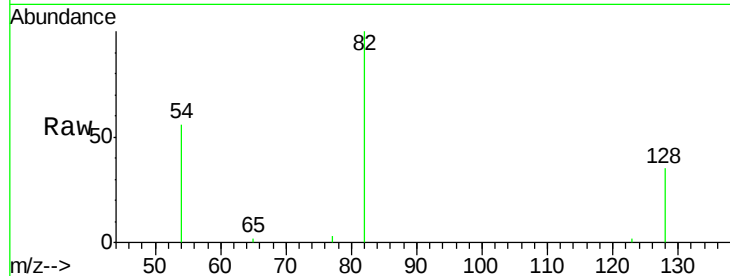
Tgt Ion: 82 Resp: 4452

Ion Ratio Lower Upper

82 100

128 34.7 26.2 39.2

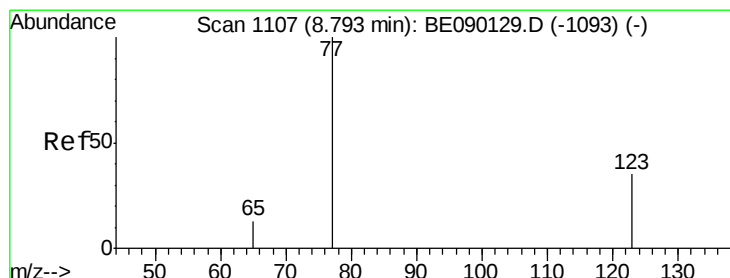
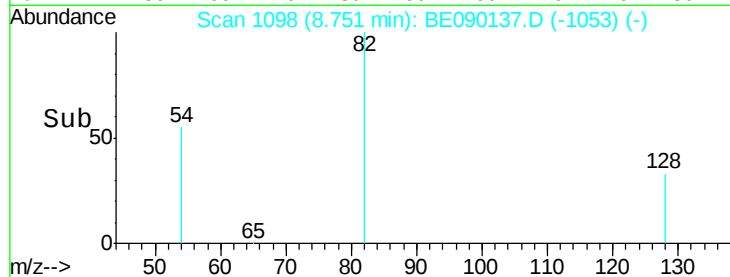
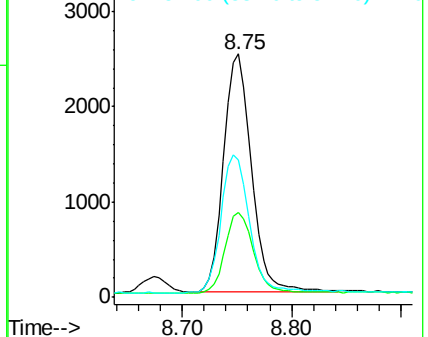
54 56.5 47.1 70.7



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: 0.85 ng

RT: 8.79 min Scan# 1107

Delta R.T. -0.00 min

Lab File: BE090137.D

Acq: 17 Jul 2015 2:20

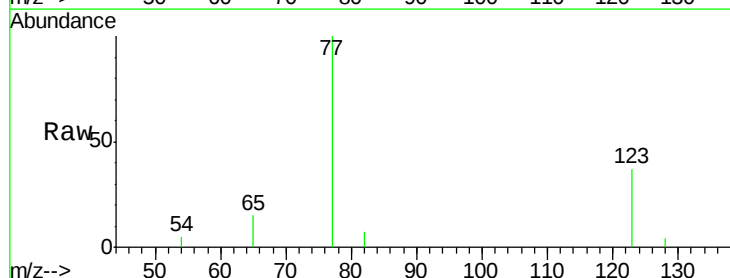
Tgt Ion: 77 Resp: 3378

Ion Ratio Lower Upper

77 100

123 34.3 28.5 42.7

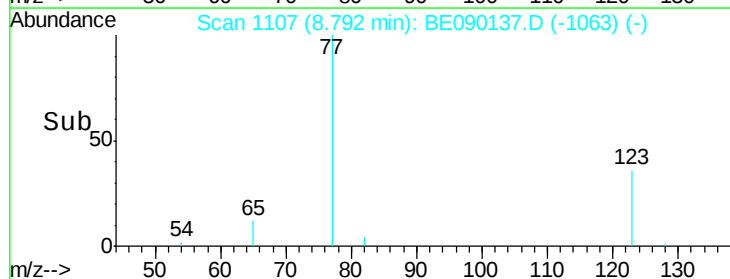
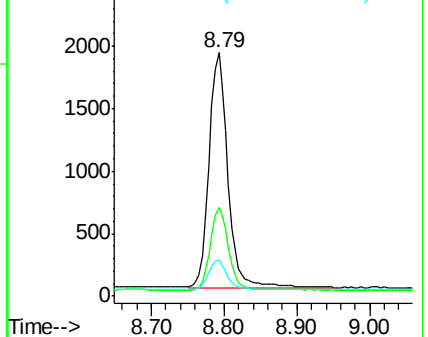
65 12.6 10.2 15.2

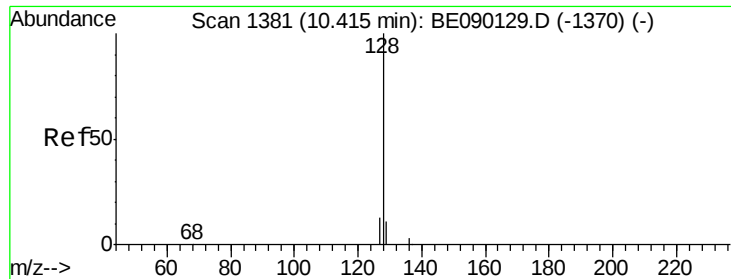


Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0





#9

Naphthalene

Concen: 0.87 ng

RT: 10.41 min Scan# 1381

Delta R.T. -0.00 min

Lab File: BE090137.D

Acq: 17 Jul 2015 2:20

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

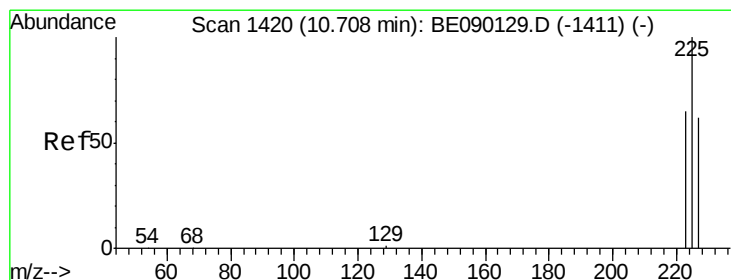
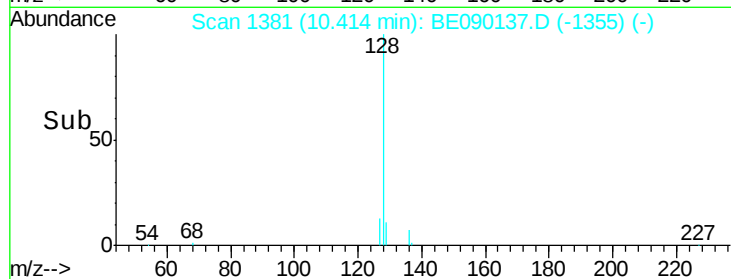
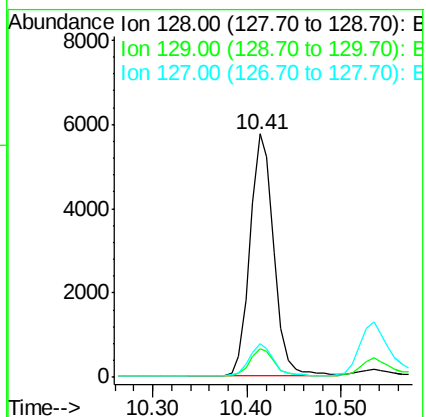
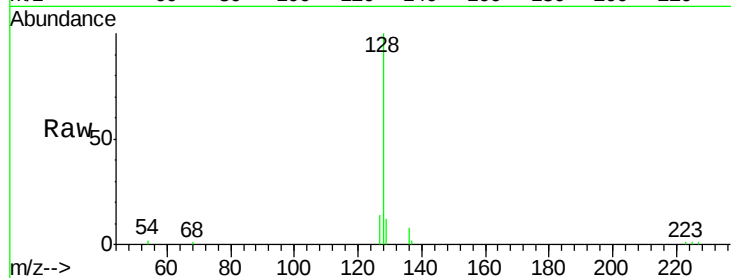
Tgt Ion:128 Resp: 10026

Ion Ratio Lower Upper

128 100

129 11.8 9.2 13.8

127 13.9 10.8 16.2



#10

Hexachlorobutadiene

Concen: 0.88 ng

RT: 10.71 min Scan# 1421

Delta R.T. 0.01 min

Lab File: BE090137.D

Acq: 17 Jul 2015 2:20

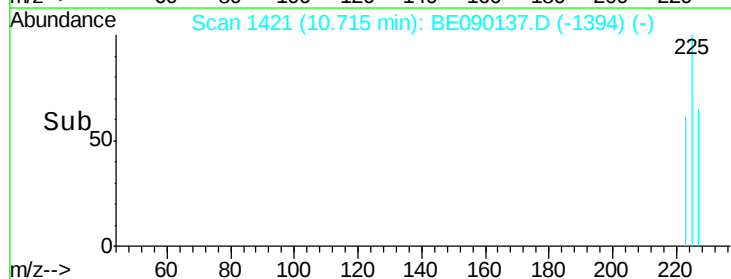
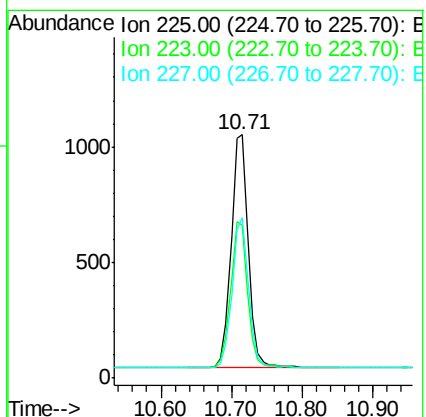
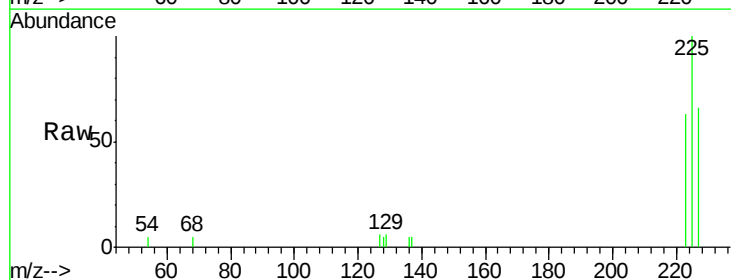
Tgt Ion:225 Resp: 1711

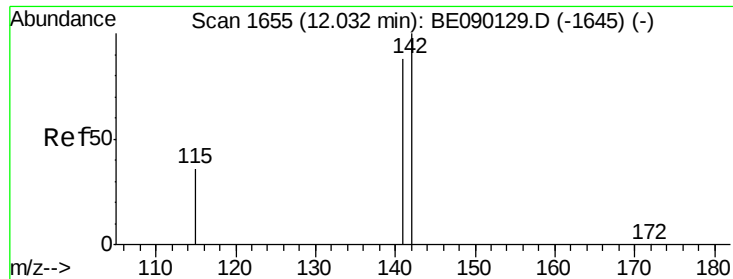
Ion Ratio Lower Upper

225 100

223 61.8 50.2 75.2

227 62.4 51.3 76.9

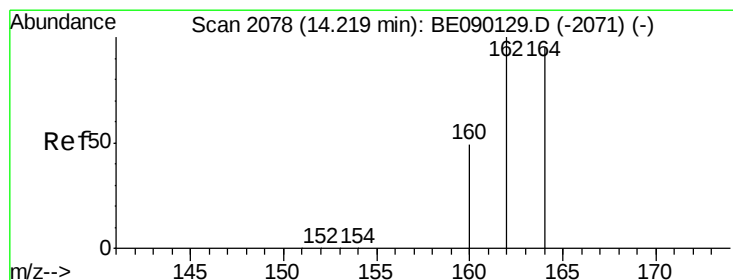
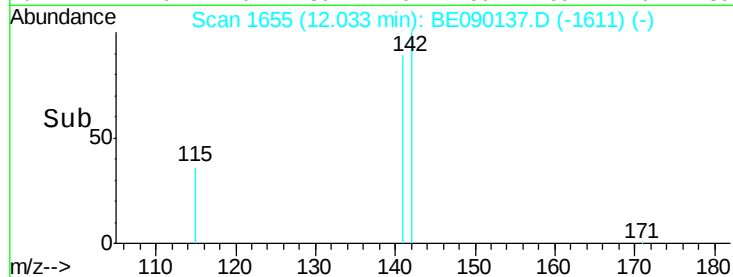
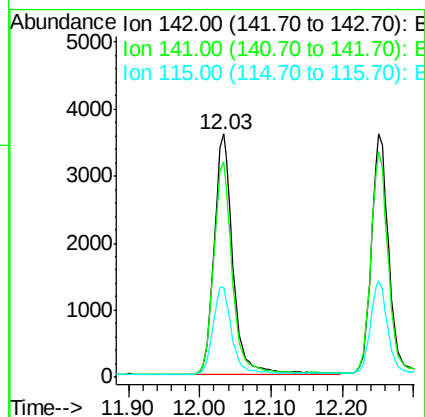
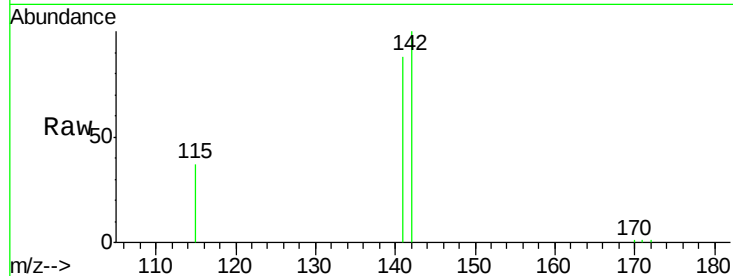




#11
2-Methylnaphthalene
Concen: 0.87 ng
RT: 12.03 min Scan# 1655
Delta R.T. 0.00 min
Lab File: BE090137.D
Acq: 17 Jul 2015 2:20

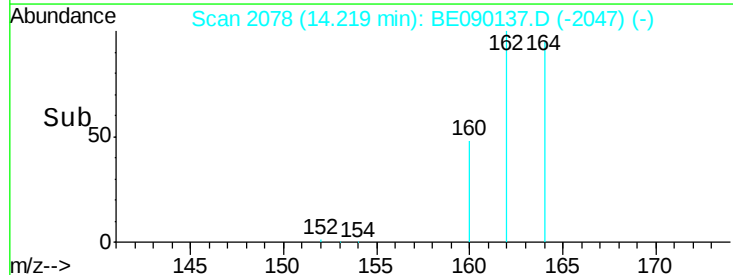
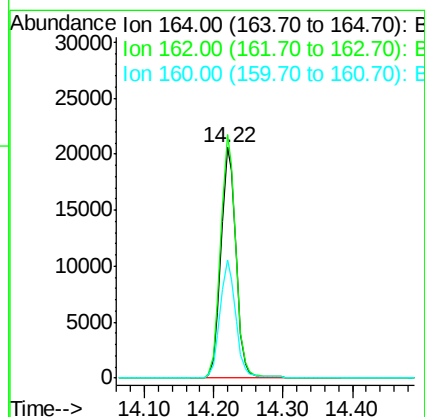
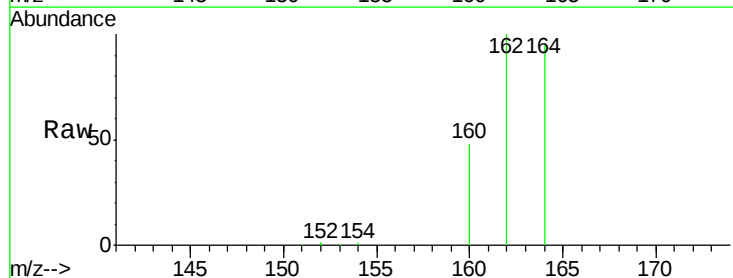
Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

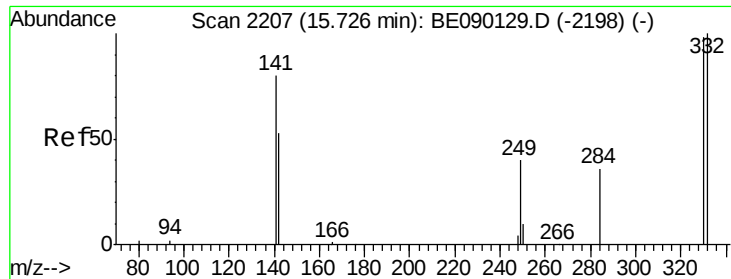
Tgt Ion:142 Resp: 6436
Ion Ratio Lower Upper
142 100
141 88.5 70.6 105.8
115 37.1 29.4 44.0



#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.22 min Scan# 2078
Delta R.T. -0.00 min
Lab File: BE090137.D
Acq: 17 Jul 2015 2:20

Tgt Ion:164 Resp: 30532
Ion Ratio Lower Upper
164 100
162 105.6 84.0 126.0
160 51.1 41.1 61.7

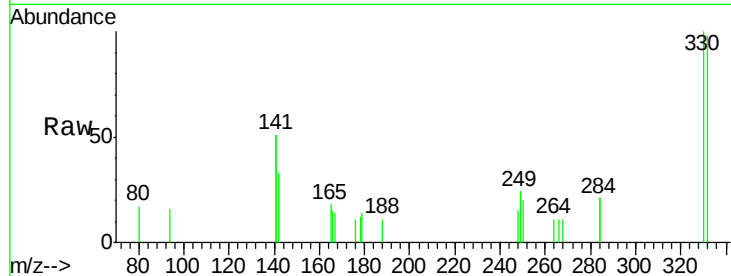




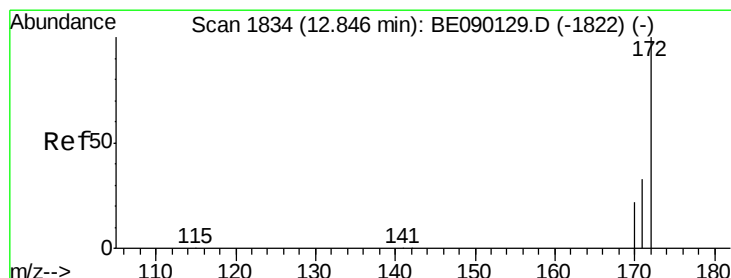
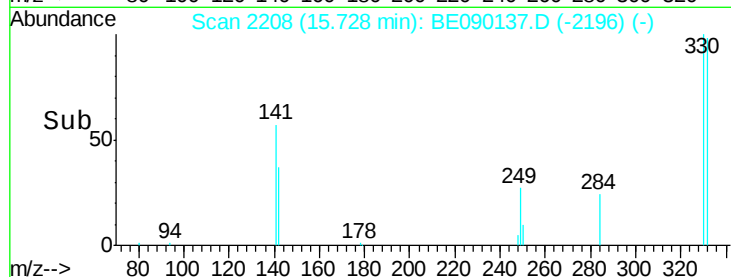
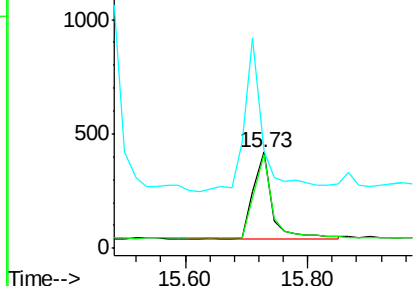
#13
 2,4,6-Tribromophenol
 Concen: 1.20 ng
 RT: 15.73 min Scan# 2208
 Delta R.T. 0.00 min
 Lab File: BE090137.D
 Acq: 17 Jul 2015 2:20

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001EC

Tgt Ion: 330 Resp: 791
 Ion Ratio Lower Upper
 330 100
 332 93.9 79.4 119.0
 141 174.2 160.2 240.2

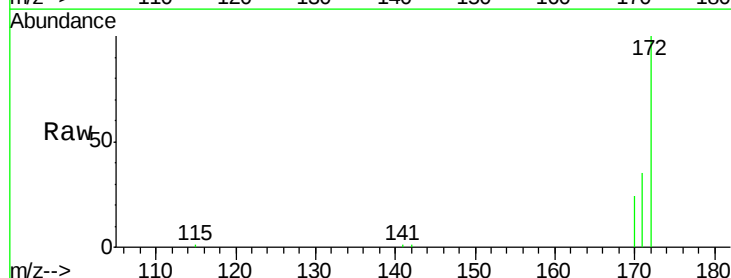


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

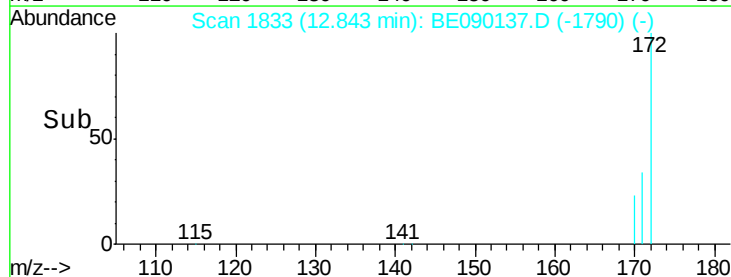
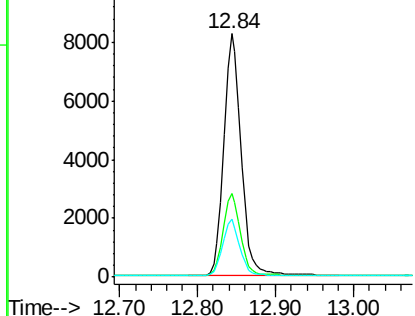


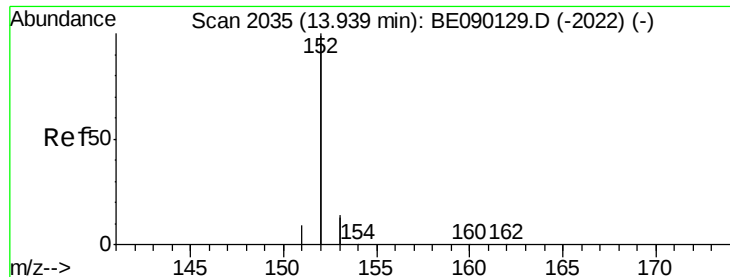
#14
 2-Fluorobiphenyl
 Concen: 1.37 ng
 RT: 12.84 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: BE090137.D
 Acq: 17 Jul 2015 2:20

Tgt Ion: 172 Resp: 12858
 Ion Ratio Lower Upper
 172 100
 171 34.5 27.1 40.7
 170 23.6 17.9 26.9



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#15

Acenaphthylene

Concen: 0.82 ng

RT: 13.94 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BE090137.D

Acq: 17 Jul 2015 2:20

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

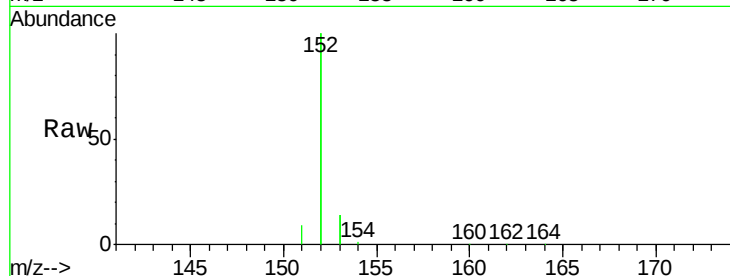
Tgt Ion:152 Resp: 44641

Ion Ratio Lower Upper

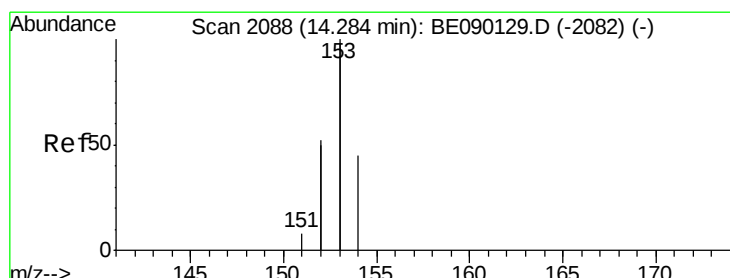
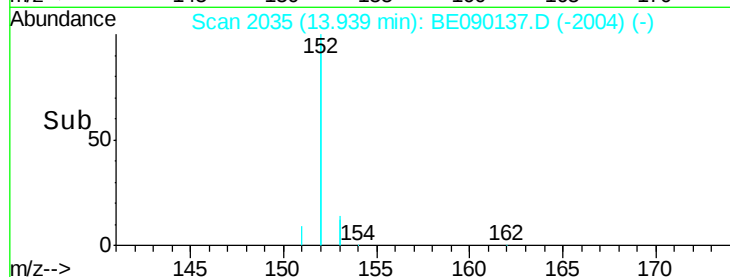
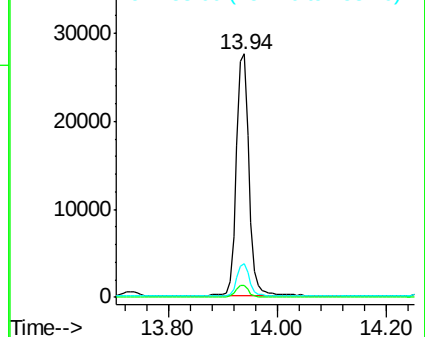
152 100

151 4.7 3.8 5.8

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: 0.82 ng

RT: 14.28 min Scan# 2088

Delta R.T. -0.00 min

Lab File: BE090137.D

Acq: 17 Jul 2015 2:20

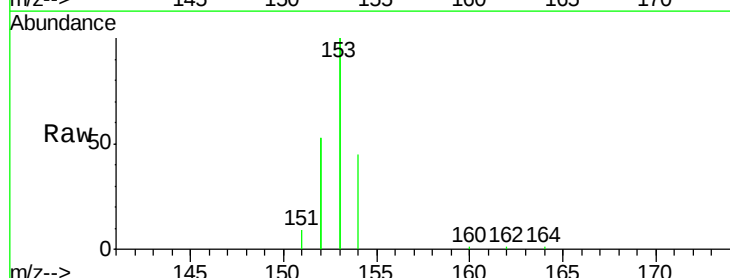
Tgt Ion:154 Resp: 6459

Ion Ratio Lower Upper

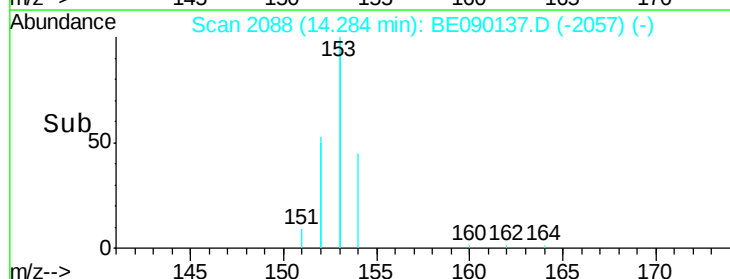
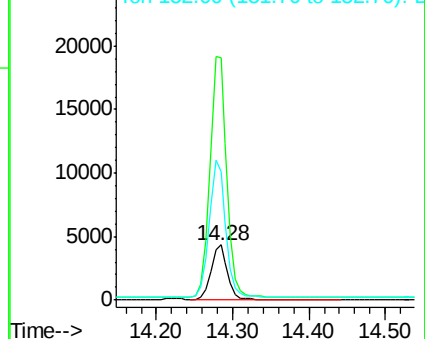
154 100

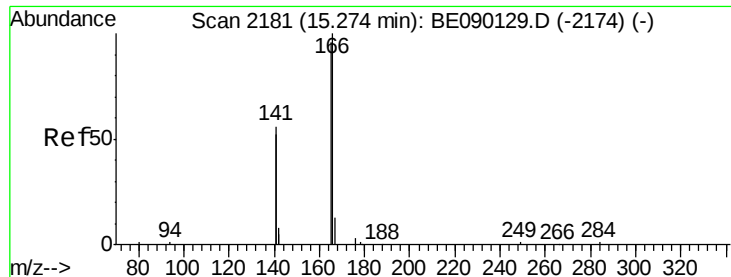
153 455.0 369.5 554.3

152 253.1 202.2 303.4



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

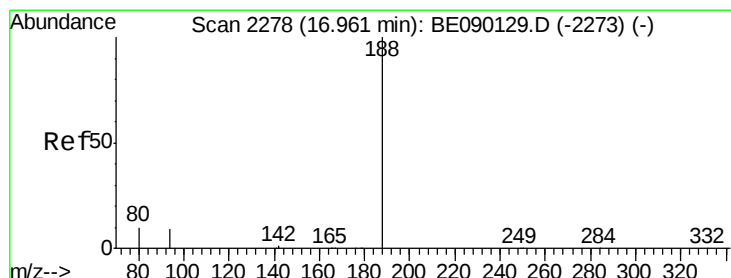
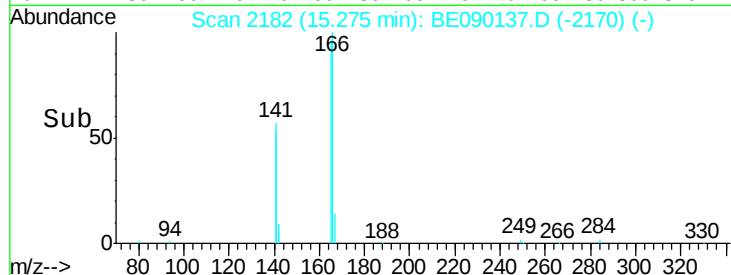
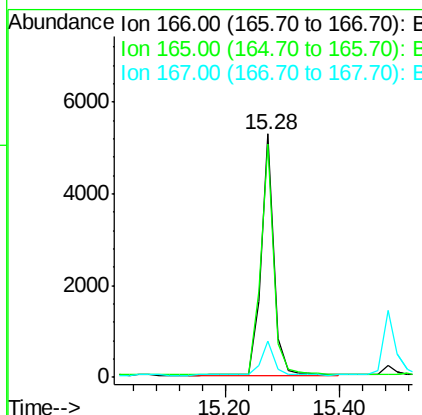
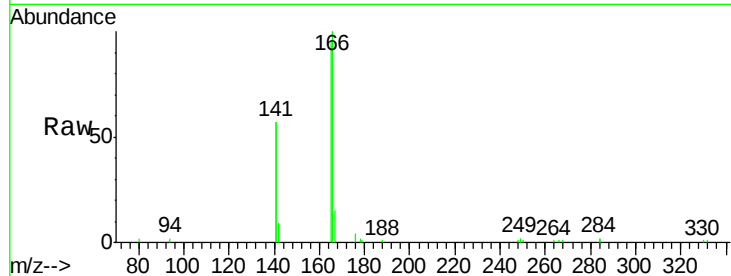




#17
Fluorene
 Concen: 0.81 ng
 RT: 15.28 min Scan# 2182
 Delta R.T. 0.00 min
 Lab File: BE090137.D
 Acq: 17 Jul 2015 2:20

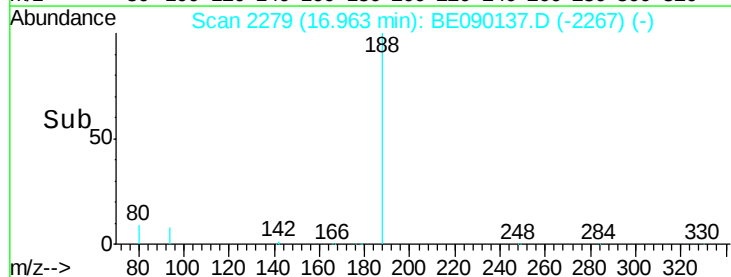
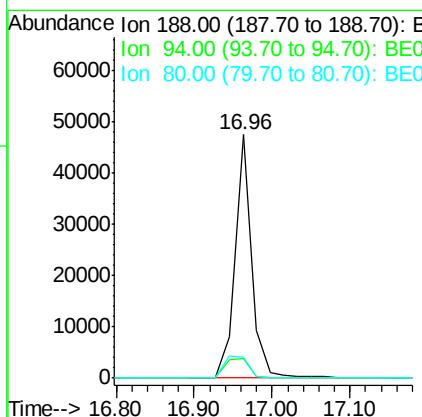
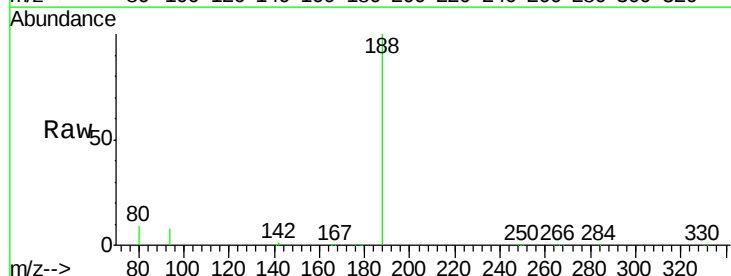
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001EC

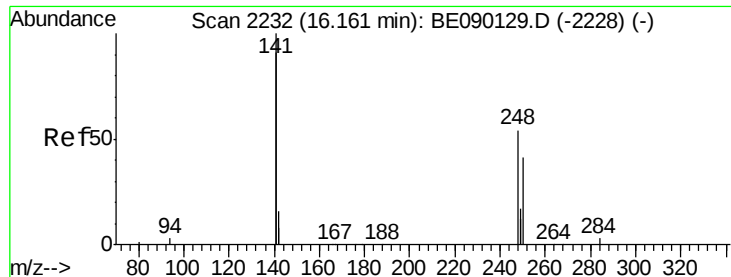
Tgt Ion:166 Resp: 8259
 Ion Ratio Lower Upper
 166 100
 165 99.4 78.7 118.1
 167 14.7 11.1 16.7



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 16.96 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: BE090137.D
 Acq: 17 Jul 2015 2:20

Tgt Ion:188 Resp: 69663
 Ion Ratio Lower Upper
 188 100
 94 8.1 7.3 10.9
 80 8.7 8.0 12.0





#19

4-Bromophenyl-phenylether

Concen: 0.79 ng

RT: 16.16 min Scan# 2233

Delta R.T. 0.00 min

Lab File: BE090137.D

Acq: 17 Jul 2015 2:20

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

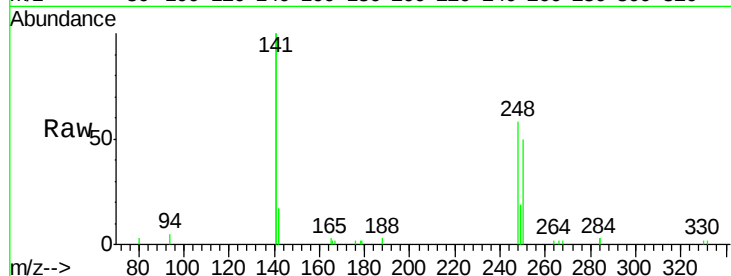
Tgt Ion:248 Resp: 2361

Ion Ratio Lower Upper

248 100

250 98.7 76.2 114.4

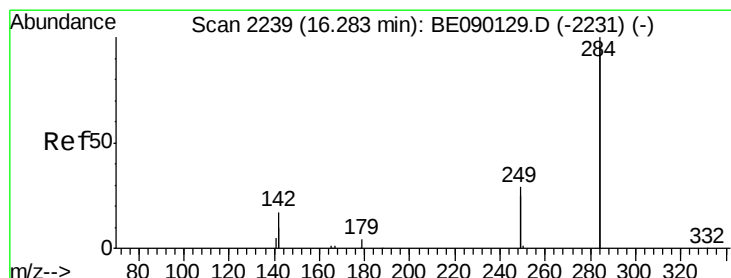
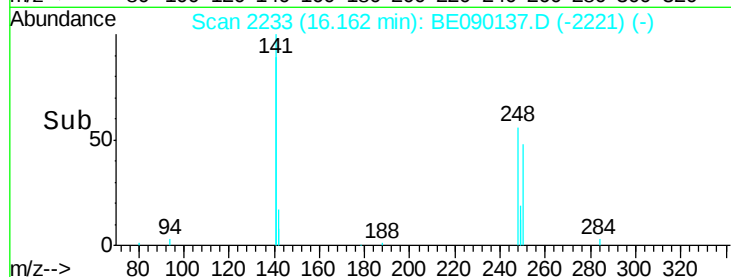
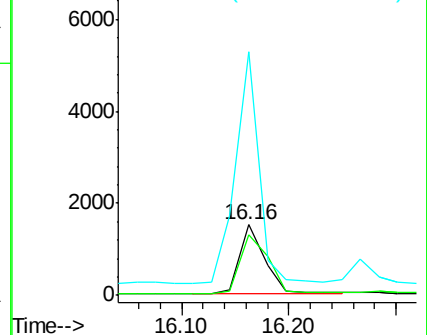
141 318.0 246.0 369.0



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: 0.79 ng

RT: 16.28 min Scan# 2240

Delta R.T. 0.00 min

Lab File: BE090137.D

Acq: 17 Jul 2015 2:20

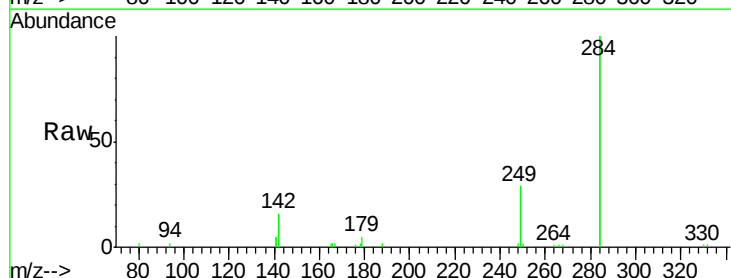
Tgt Ion:284 Resp: 10257

Ion Ratio Lower Upper

284 100

142 40.4 30.2 45.4

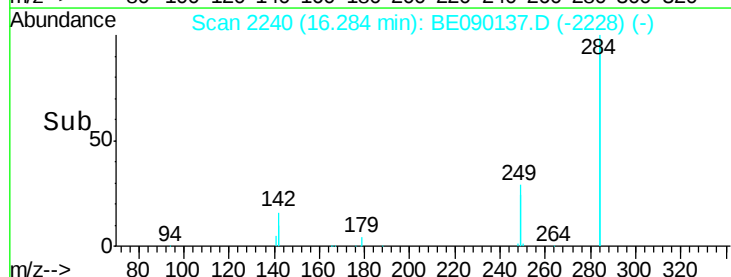
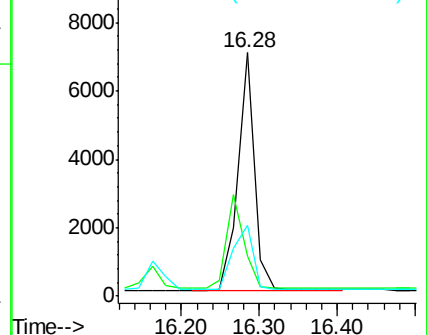
249 33.4 25.5 38.3

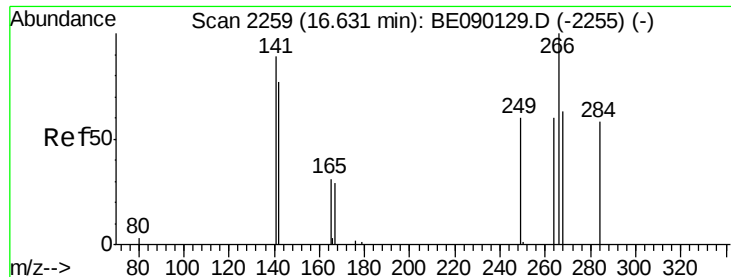


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

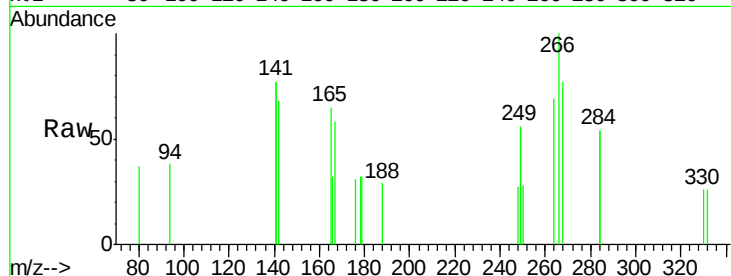




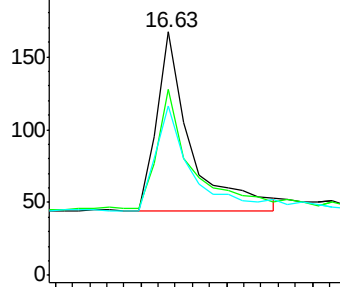
#21
 Pentachlorophenol
 Concen: 0.96 ng
 RT: 16.63 min Scan# 2260
 Delta R.T. 0.00 min
 Lab File: BE090137.D
 Acq: 17 Jul 2015 2:20

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001EC

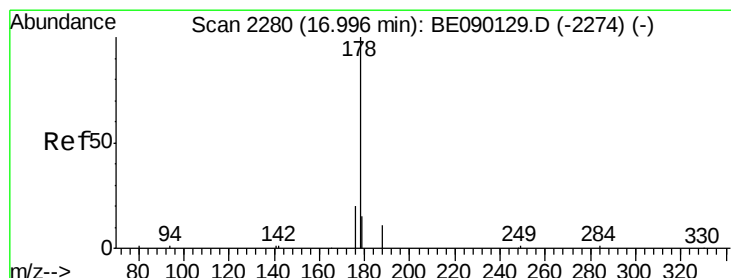
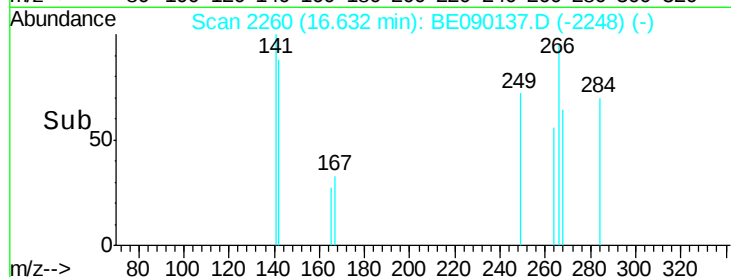
Tgt Ion: 266 Resp: 341
 Ion Ratio Lower Upper
 266 100
 268 76.6 58.2 87.2
 264 69.5 55.8 83.6



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

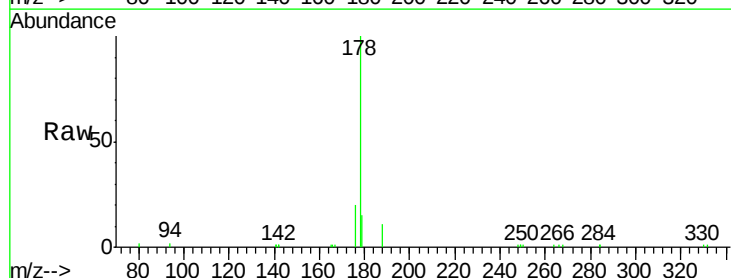


Time--> 16.50 16.60 16.70 16.80

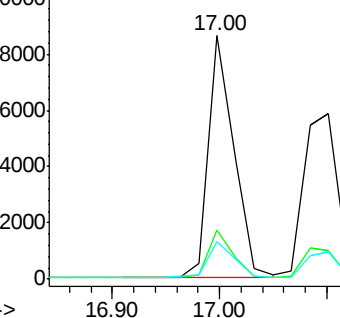


#22
 Phenanthrene
 Concen: 0.81 ng
 RT: 17.00 min Scan# 2281
 Delta R.T. 0.00 min
 Lab File: BE090137.D
 Acq: 17 Jul 2015 2:20

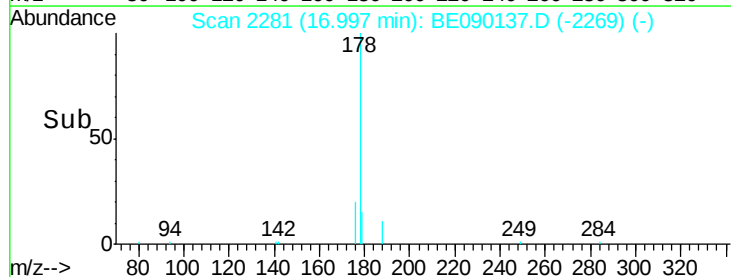
Tgt Ion: 178 Resp: 14275
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.1 22.7
 179 15.5 12.2 18.4

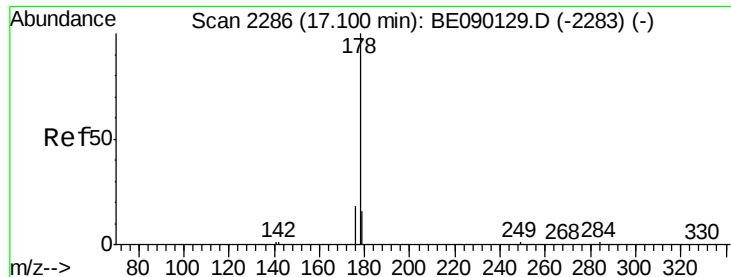


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E



Time--> 16.90 17.00





#23

Anthracene

Concen: 0.83 ng

RT: 17.10 min Scan# 2287

Delta R.T. 0.00 min

Lab File: BE090137.D

Acq: 17 Jul 2015 2:20

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

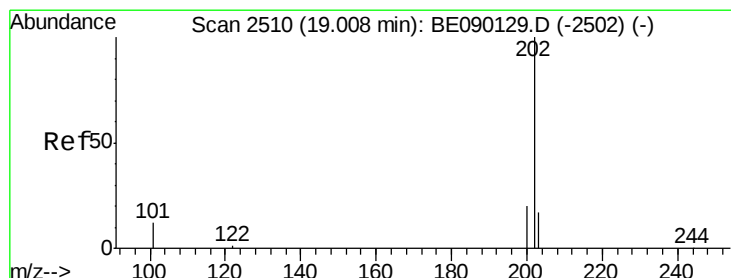
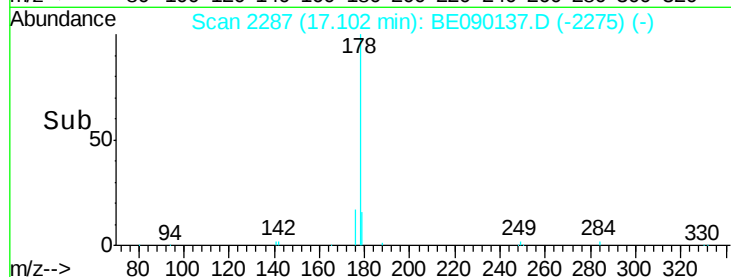
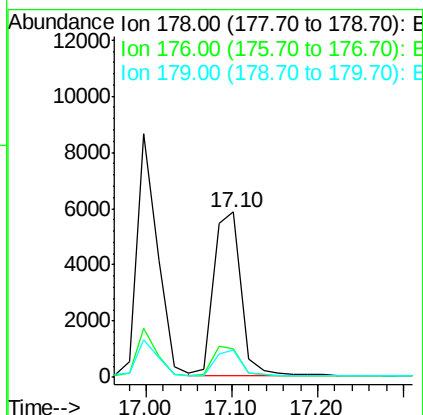
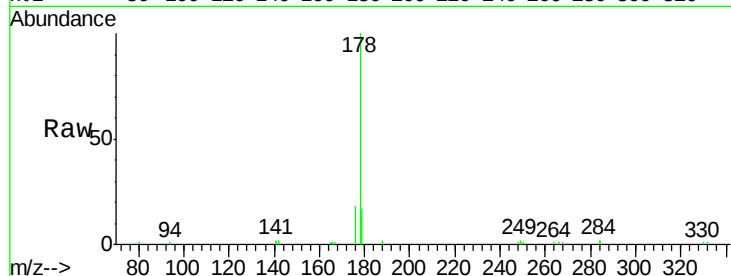
Tgt Ion:178 Resp: 12866

Ion Ratio Lower Upper

178 100

176 18.3 14.7 22.1

179 15.2 12.2 18.4



#24

Fluoranthene

Concen: 0.82 ng

RT: 19.01 min Scan# 2511

Delta R.T. 0.00 min

Lab File: BE090137.D

Acq: 17 Jul 2015 2:20

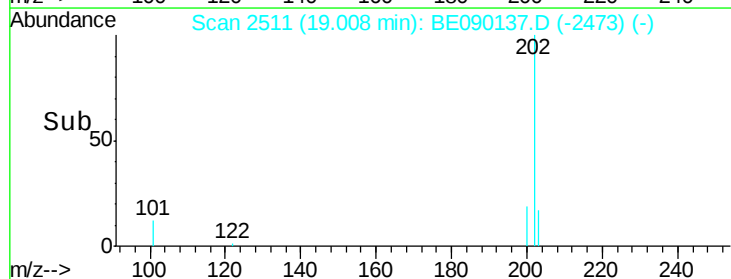
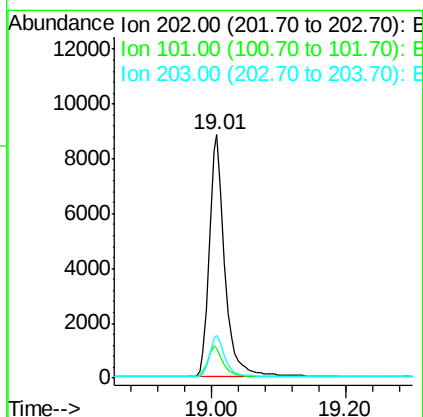
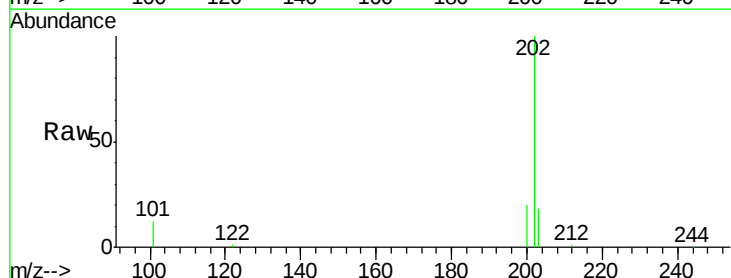
Tgt Ion:202 Resp: 14241

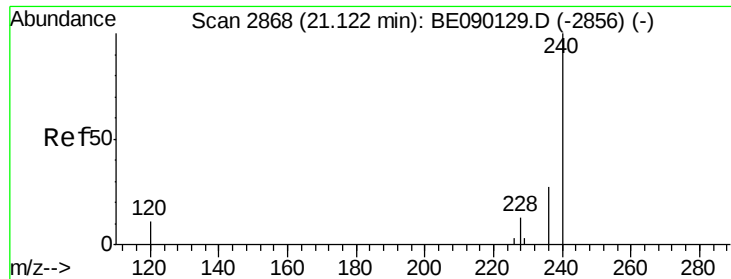
Ion Ratio Lower Upper

202 100

101 12.6 10.1 15.1

203 17.2 13.8 20.8

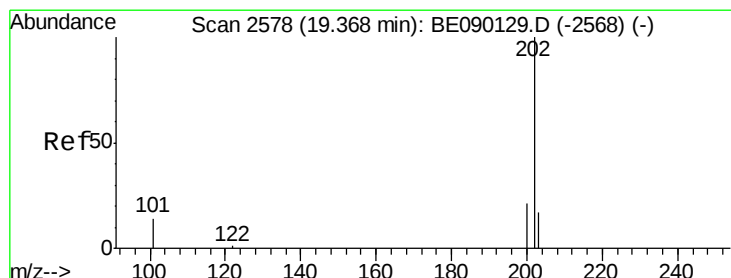
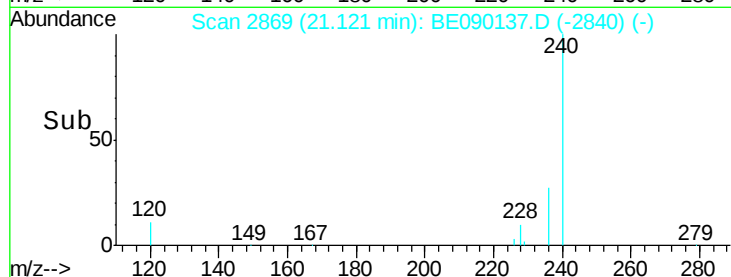
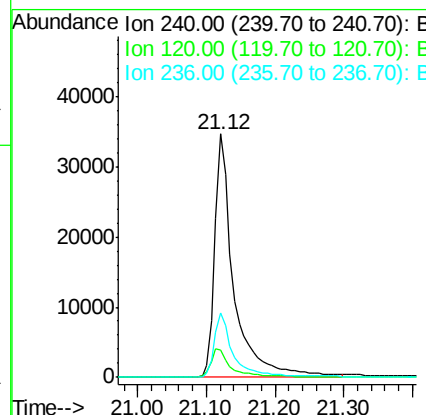
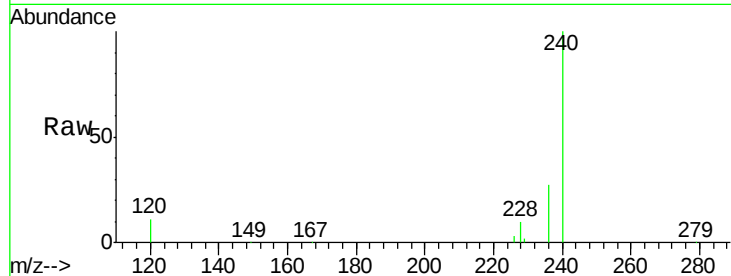




#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.12 min Scan# 2869
Delta R.T. -0.00 min
Lab File: BE090137.D
Acq: 17 Jul 2015 2:20

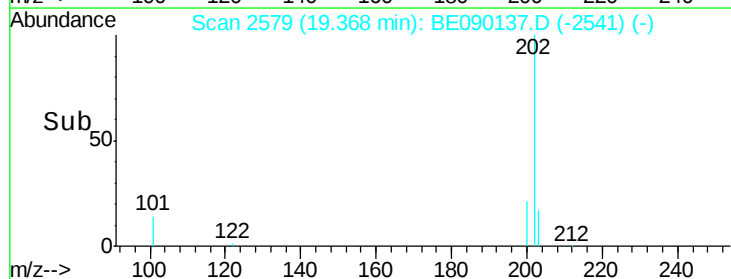
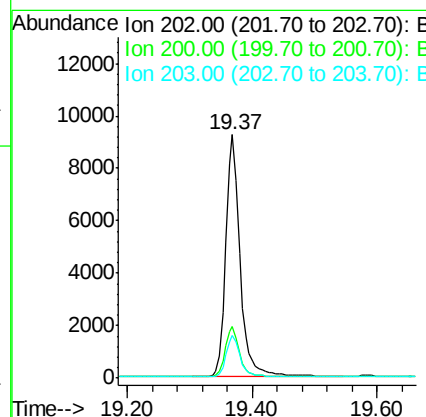
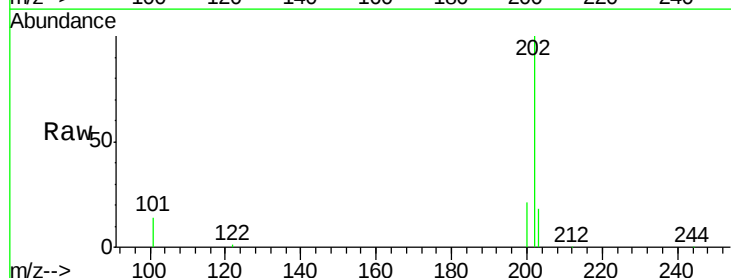
Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

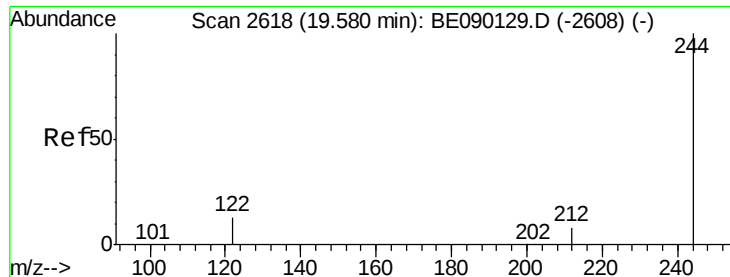
Tgt Ion:240 Resp: 66962
Ion Ratio Lower Upper
240 100
120 11.0 8.8 13.2
236 26.7 21.4 32.0



#26
Pyrene
Concen: 0.81 ng
RT: 19.37 min Scan# 2579
Delta R.T. 0.00 min
Lab File: BE090137.D
Acq: 17 Jul 2015 2:20

Tgt Ion:202 Resp: 14679
Ion Ratio Lower Upper
202 100
200 20.9 16.6 24.8
203 17.1 13.9 20.9





#27

Terphenyl-d14

Concen: 1.69 ng

RT: 19.58 min Scan# 2619

Delta R.T. 0.00 min

Lab File: BE090137.D

Acq: 17 Jul 2015 2:20

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

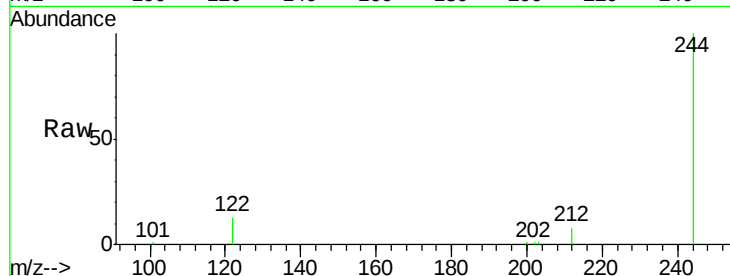
Tgt Ion:244 Resp: 18934

Ion Ratio Lower Upper

244 100

212 8.2 6.7 10.1

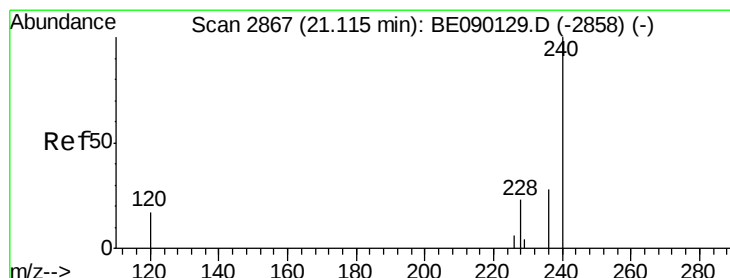
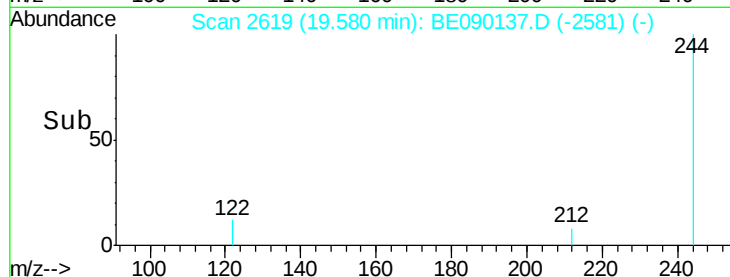
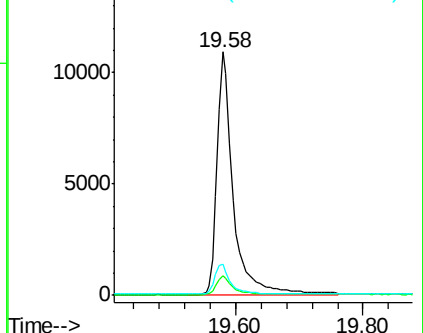
122 12.5 10.7 16.1



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: 0.86 ng

RT: 21.11 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BE090137.D

Acq: 17 Jul 2015 2:20

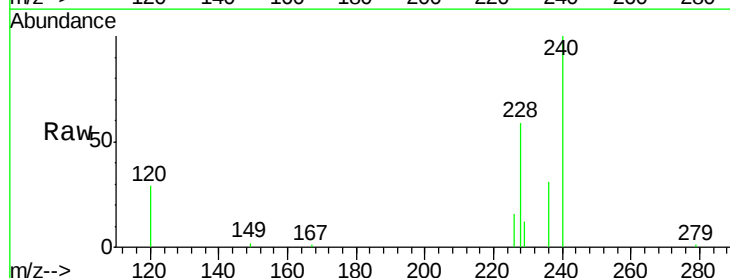
Tgt Ion:228 Resp: 9796

Ion Ratio Lower Upper

228 100

226 27.3 21.3 31.9

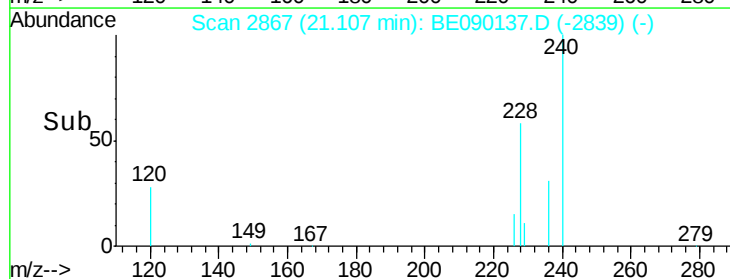
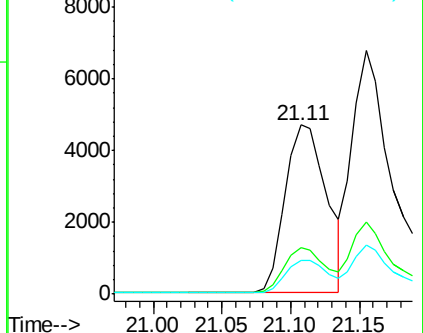
229 19.8 16.1 24.1

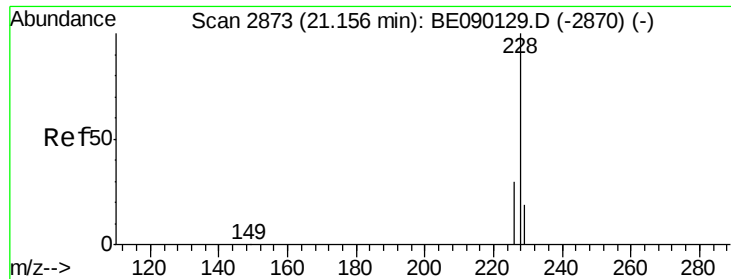


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#29

Chrysene

Concen: 0.85 ng

RT: 21.15 min Scan# 2874

Delta R.T. -0.00 min

Lab File: BE090137.D

Acq: 17 Jul 2015 2:20

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

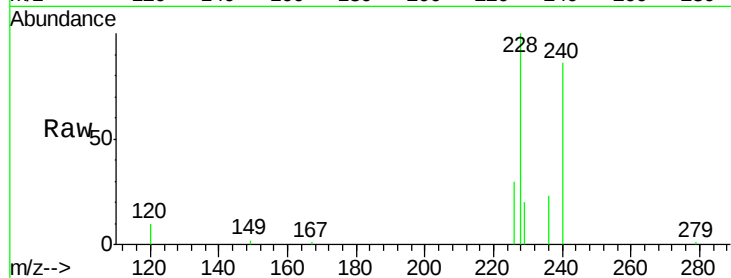
Tgt Ion:228 Resp: 15396

Ion Ratio Lower Upper

228 100

226 29.7 23.5 35.3

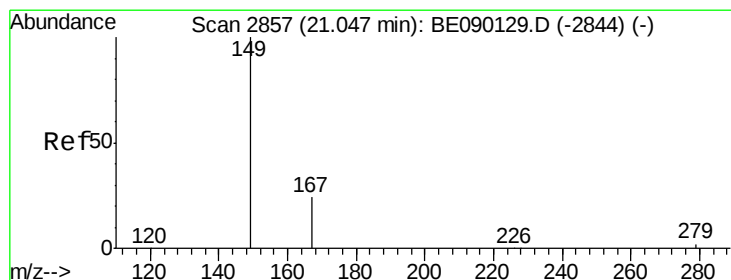
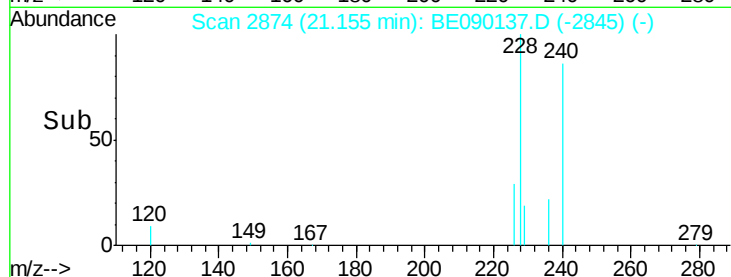
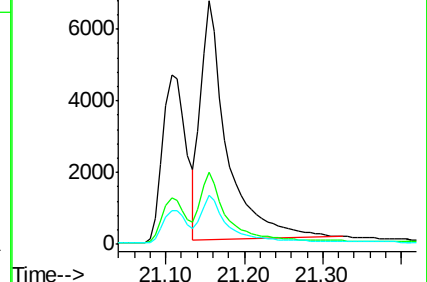
229 19.9 16.0 24.0



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



#30

Bis(2-ethylhexyl)phthalate

Concen: 0.84 ng

RT: 21.05 min Scan# 2858

Delta R.T. -0.00 min

Lab File: BE090137.D

Acq: 17 Jul 2015 2:20

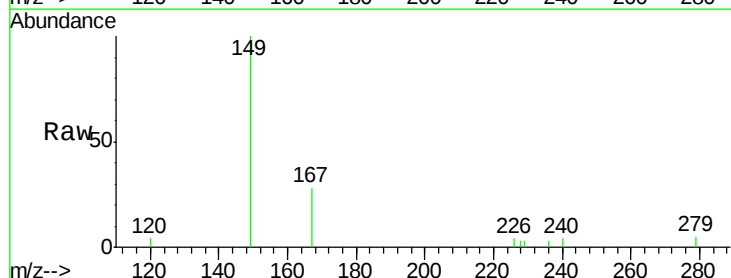
Tgt Ion:149 Resp: 1955

Ion Ratio Lower Upper

149 100

167 24.6 18.6 27.8

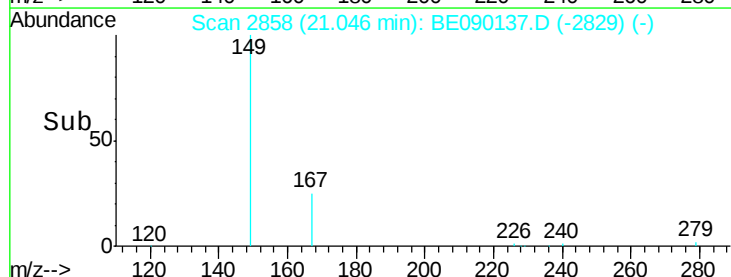
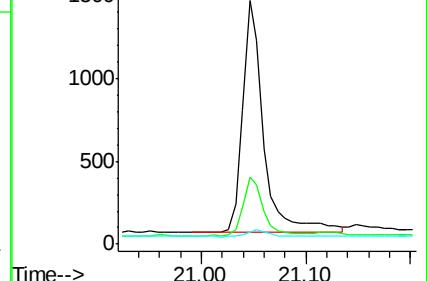
279 3.6 2.2 3.4#

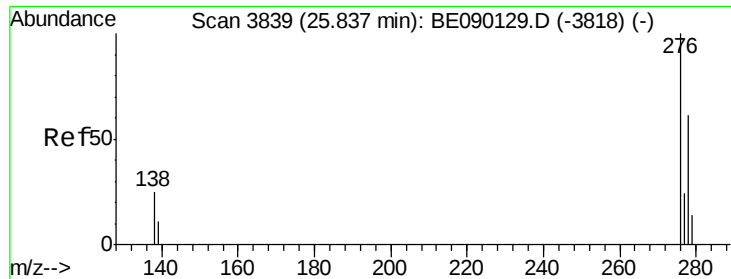


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.93 ng

RT: 25.84 min Scan# 3840

Delta R.T. 0.00 min

Lab File: BE090137.D

Acq: 17 Jul 2015 2:20

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

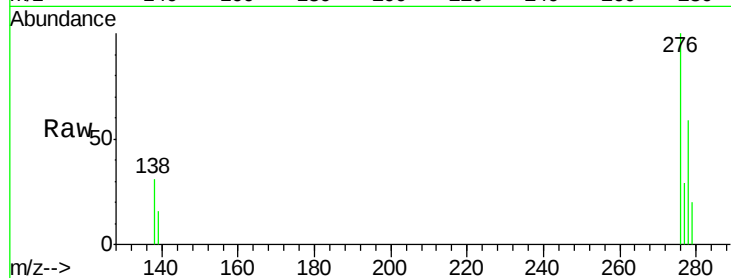
Tgt Ion:276 Resp: 3730

Ion Ratio Lower Upper

276 100

138 23.3 17.3 25.9

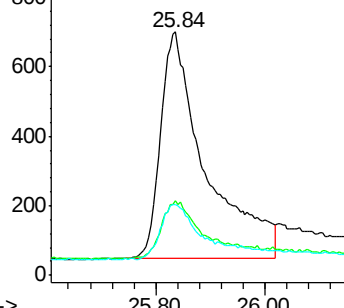
277 21.4 17.3 25.9



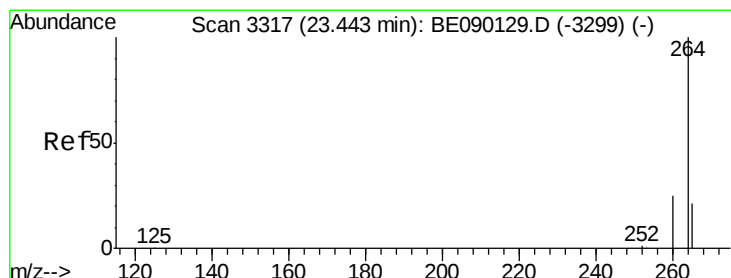
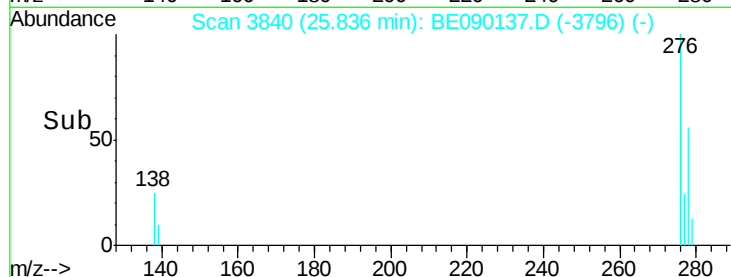
Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



Time-->



#32

Perylene-d12

Concen: 5.00 ng

RT: 23.44 min Scan# 3318

Delta R.T. -0.00 min

Lab File: BE090137.D

Acq: 17 Jul 2015 2:20

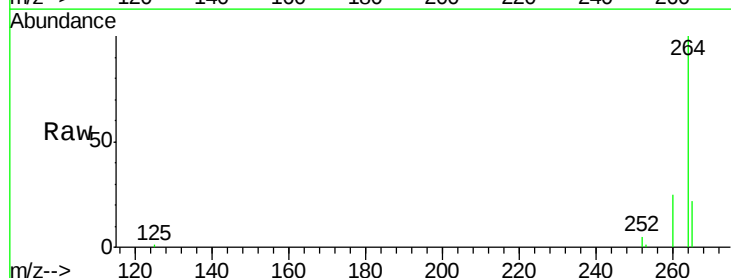
Tgt Ion:264 Resp: 49107

Ion Ratio Lower Upper

264 100

260 24.8 19.9 29.9

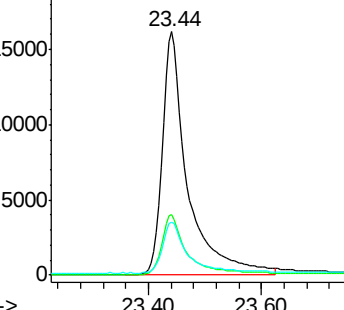
265 22.0 17.8 26.8



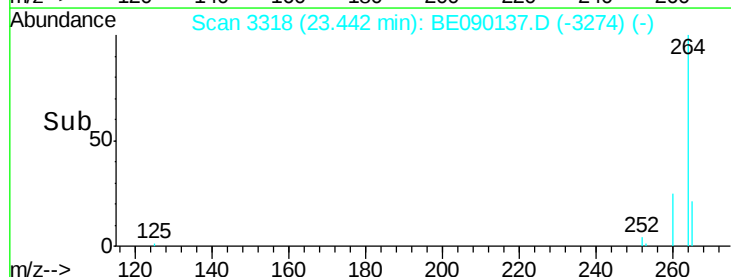
Abundance Ion 264.00 (263.70 to 264.70): E

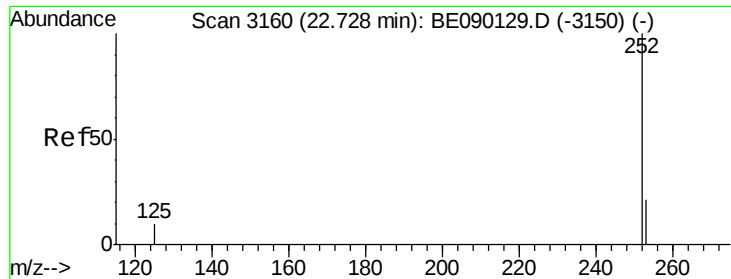
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



Time-->





#33

Benzo(b)fluoranthene

Concen: 0.99 ng

RT: 22.73 min Scan# 3162

Delta R.T. 0.00 min

Lab File: BE090137.D

Acq: 17 Jul 2015 2:20

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

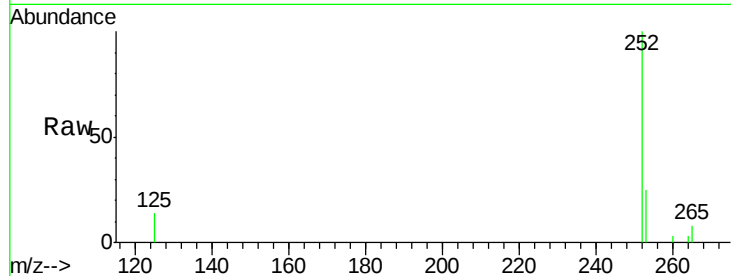
Tgt Ion:252 Resp: 3529

Ion Ratio Lower Upper

252 100

253 24.7 19.0 28.6

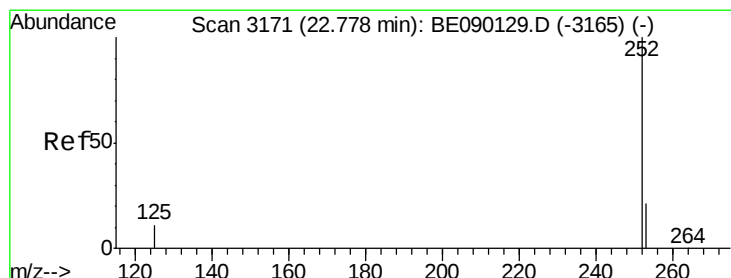
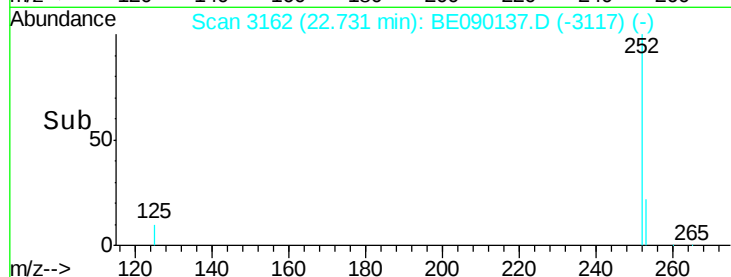
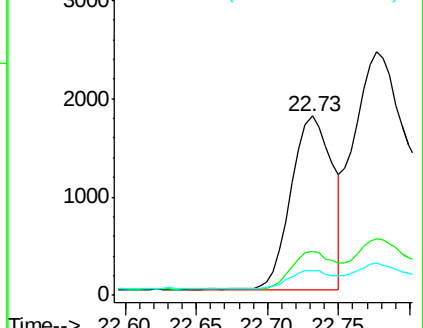
125 13.8 10.7 16.1



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



#34

Benzo(k)fluoranthene

Concen: 0.74 ng

RT: 22.78 min Scan# 3172

Delta R.T. -0.00 min

Lab File: BE090137.D

Acq: 17 Jul 2015 2:20

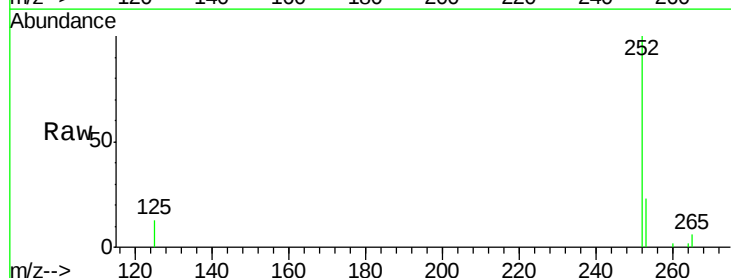
Tgt Ion:252 Resp: 8568

Ion Ratio Lower Upper

252 100

253 23.4 18.7 28.1

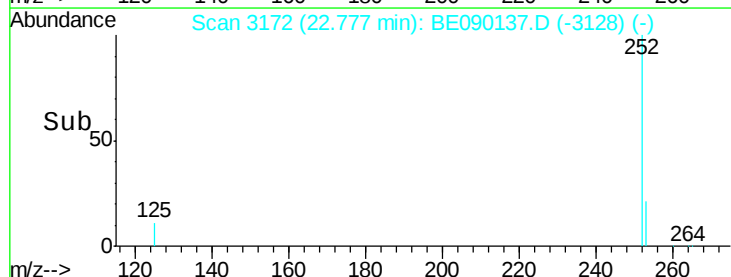
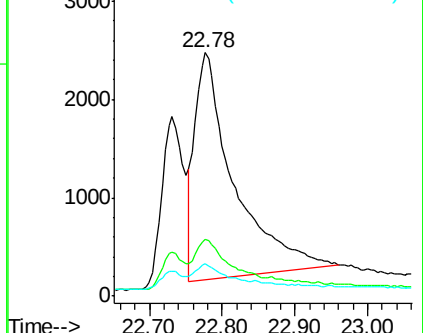
125 13.3 10.5 15.7

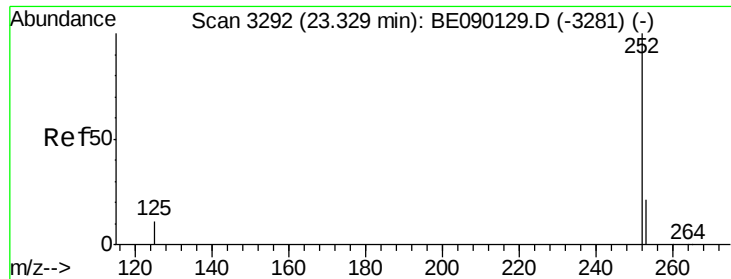


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Benzo(a)pyrene

Concen: 0.81 ng

RT: 23.33 min Scan# 3293

Delta R.T. -0.00 min

Lab File: BE090137.D

Acq: 17 Jul 2015 2:20

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

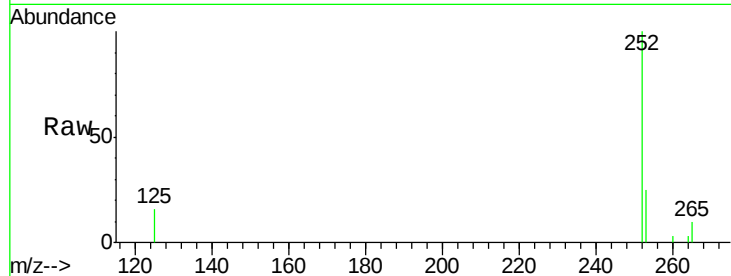
Tgt Ion: 252 Resp: 4326

Ion Ratio Lower Upper

252 100

253 24.7 19.4 29.2

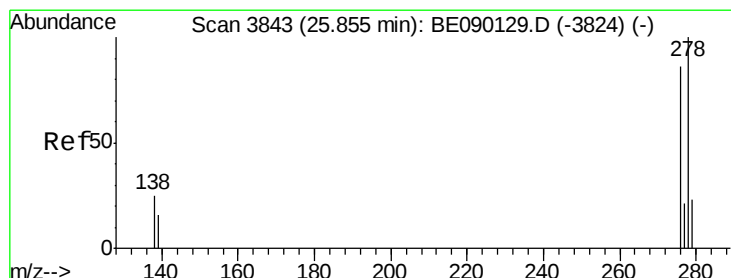
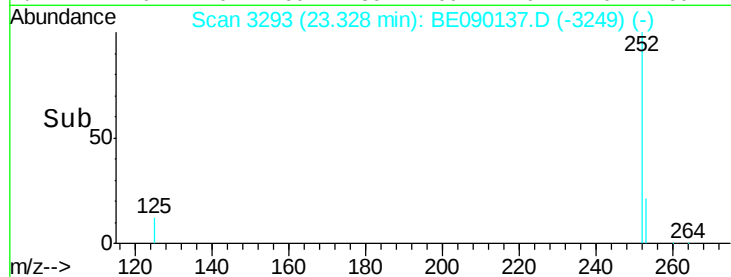
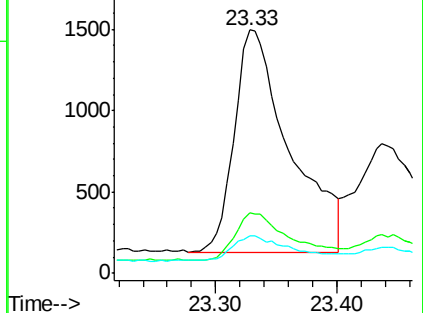
125 15.6 11.9 17.9



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: 0.98 ng

RT: 25.85 min Scan# 3844

Delta R.T. 0.00 min

Lab File: BE090137.D

Acq: 17 Jul 2015 2:20

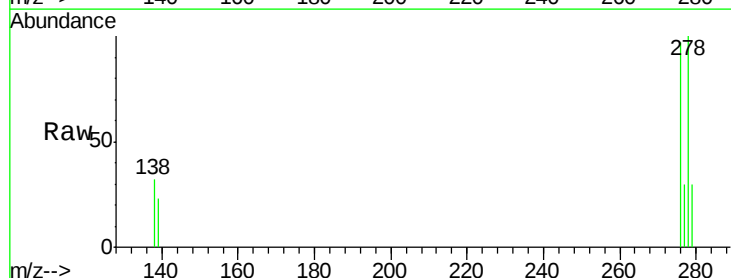
Tgt Ion: 278 Resp: 2423

Ion Ratio Lower Upper

278 100

139 23.0 18.3 27.5

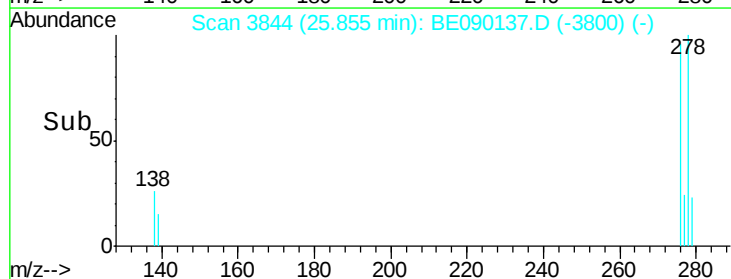
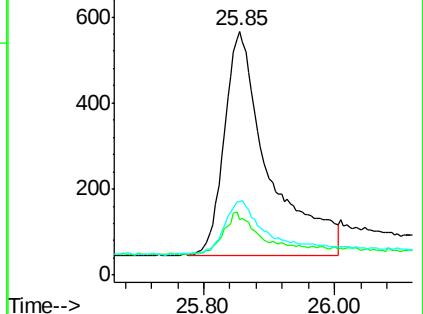
279 30.0 23.3 34.9

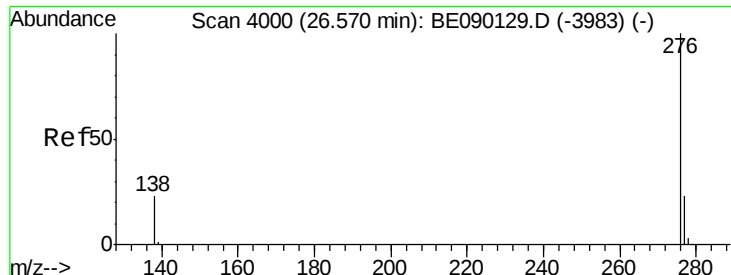


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.83 ng

RT: 26.58 min Scan# 4003

Delta R.T. 0.01 min

Lab File: BE090137.D

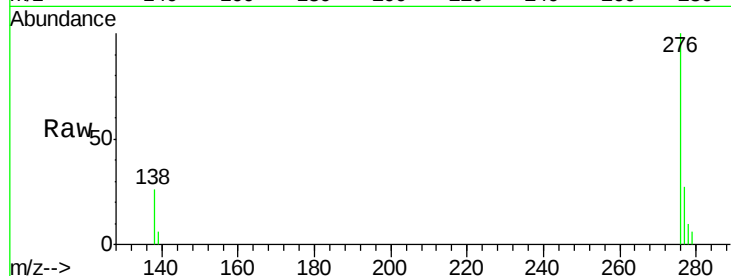
Acq: 17 Jul 2015 2:20

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC



Tgt Ion: 276 Resp: 4881

Ion Ratio Lower Upper

276 100

277 26.6 22.0 33.0

138 25.6 22.0 33.0

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

