

Data Path : Z:\HPCHEM1\BNA E\DATA\BE082515\
 Data File : BE090633.D
 Acq On : 26 Aug 2015 3:01
 Operator : UM/IZ
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 26 04:31:39 2015
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE081415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 14 16:52:42 2015
 Response via : Initial Calibration

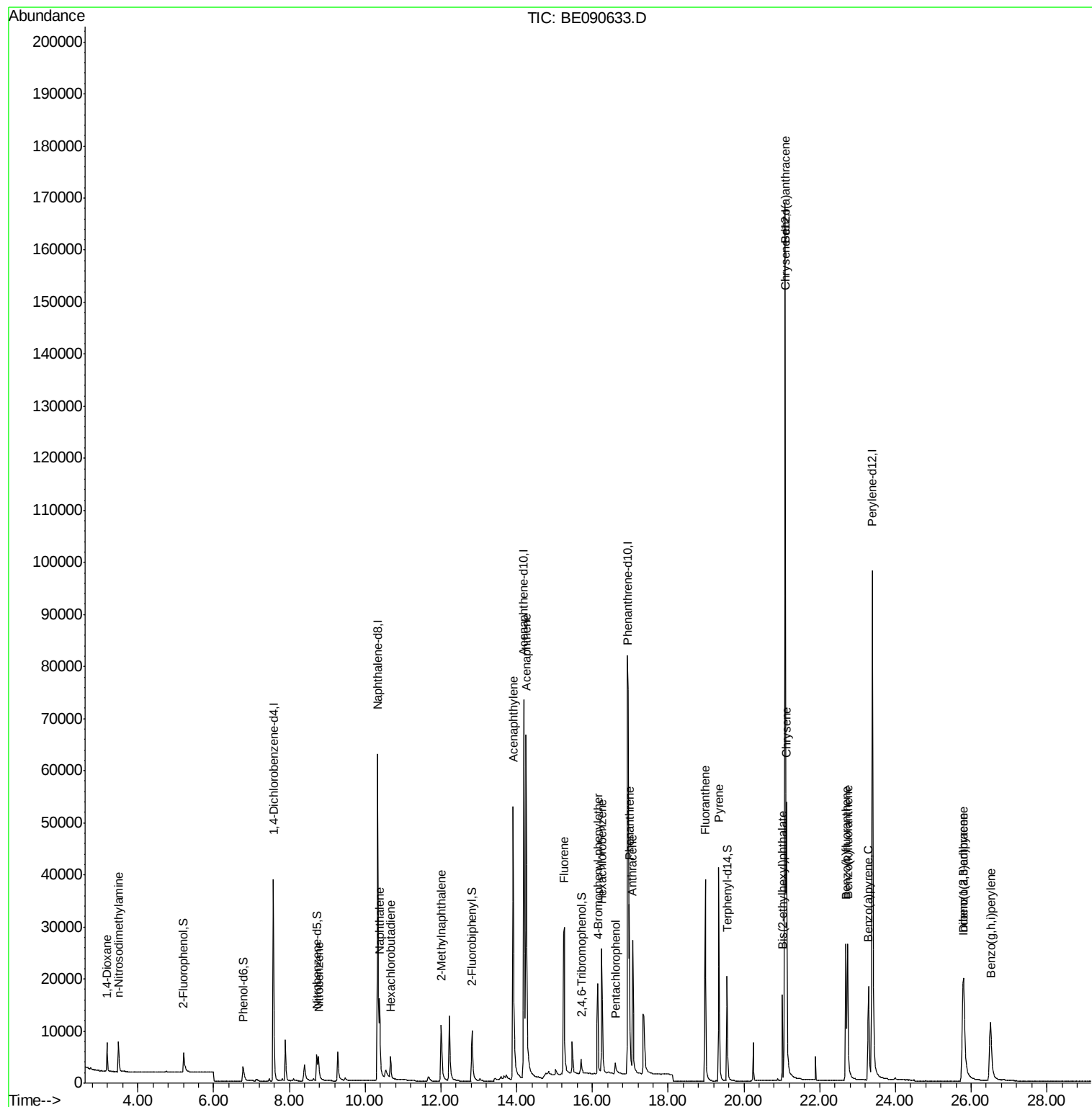
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	21337	5.00	ng	0.00
6) Naphthalene-d8	10.33	136	96847	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	56743	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	147993	5.00	ng	0.00
25) Chrysene-d12	21.09	240	168667	5.00	ng	0.00
32) Perylene-d12	23.39	264	151301	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	4561	0.74	ng	0.00
5) Phenol-d6	6.78	99	6320	0.70	ng	0.00
7) Nitrobenzene-d5	8.72	82	7052	0.91	ng	0.00
13) 2,4,6-Tribromophenol	15.71	330	1813	0.83	ng	0.00
14) 2-Fluorobiphenyl	12.82	172	15481	0.91	ng	0.00
27) Terphenyl-d14	19.56	244	27054	0.88	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	3056	1.20	ng	95
3) n-Nitrosodimethylamine	3.49	42	3792	1.03	ng	# 81
8) Nitrobenzene	8.77	77	7086	0.89	ng	98
9) Naphthalene	10.38	128	21378	0.97	ng	98
10) Hexachlorobutadiene	10.67	225	3373	1.04	ng	100
11) 2-Methylnaphthalene	12.01	142	13331	0.93	ng	97
15) Acenaphthylene	13.91	152	96506	0.93	ng	100
16) Acenaphthene	14.25	154	15272	0.98	ng	82
17) Fluorene	15.26	166	20166	1.06	ng	99
19) 4-Bromophenyl-phenylether	16.14	248	5518	0.91	ng	85
20) Hexachlorobenzene	16.25	284	26169	0.98	ng	96
21) Pentachlorophenol	16.61	266	1871	0.85	ng	90
22) Phenanthrene	16.98	178	36409	0.94	ng	100
23) Anthracene	17.07	178	33575	0.94	ng	100
24) Fluoranthene	18.98	202	40453	0.98	ng	99
26) Pyrene	19.34	202	42846	0.89	ng	100
28) Benzo(a)anthracene	21.08	228	41621	0.94	ng	97
29) Chrysene	21.13	228	45220	1.00	ng	99
30) Bis(2-ethylhexyl)phthalate	21.02	149	14059	0.66	ng	99
31) Indeno(1,2,3-cd)pyrene	25.78	276	38666	0.91	ng	# 92
33) Benzo(b)fluoranthene	22.70	252	34769	0.97	ng	99
34) Benzo(k)fluoranthene	22.74	252	40410	1.00	ng	98
35) Benzo(a)pyrene	23.29	252	31192	0.93	ng	97
36) Dibenzo(a,h)anthracene	25.80	278	28959	0.90	ng	97
37) Benzo(g,h,i)perylene	26.52	276	32303	0.91	ng	96

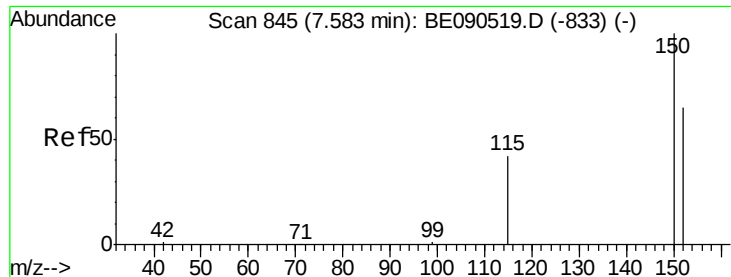
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
BNA_E
ClientSampled :

Quant Time: Aug 26 04:31:39 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE081415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 14 16:52:42 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.57 min Scan# 843

Delta R.T. -0.01 min

Lab File: BE090633.D

Acq: 26 Aug 2015 3:01

Instrument :

BNA_E

ClientSampleId :

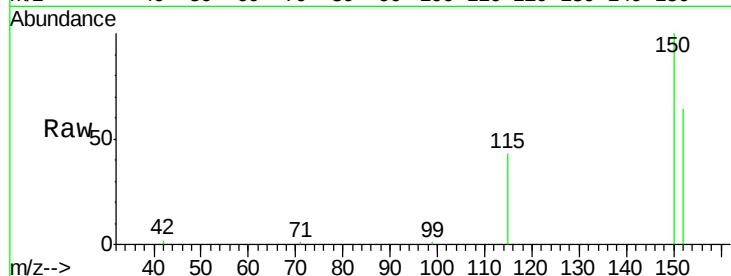
Tot Ion:152 Resp: 21337

Ion Ratio Lower Upper

152 100

150 156.7 123.0 184.4

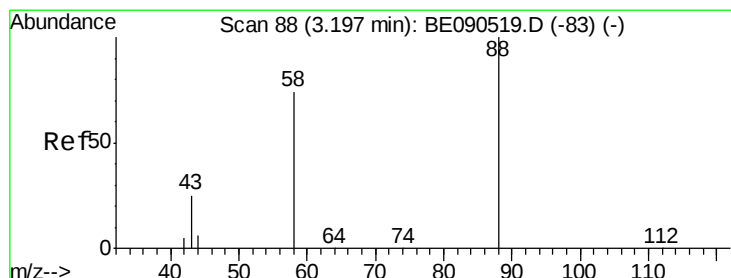
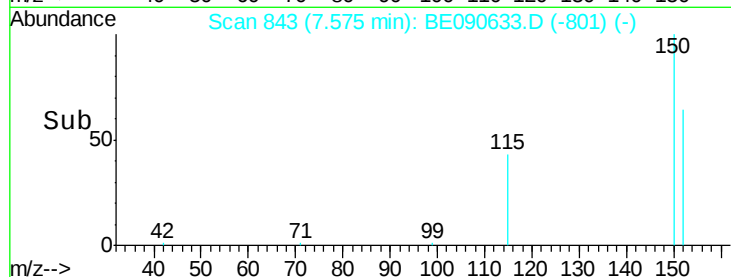
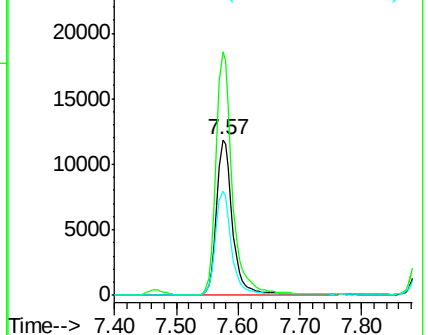
115 67.4 48.9 73.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 1.20 ng

RT: 3.19 min Scan# 87

Delta R.T. -0.01 min

Lab File: BE090633.D

Acq: 26 Aug 2015 3:01

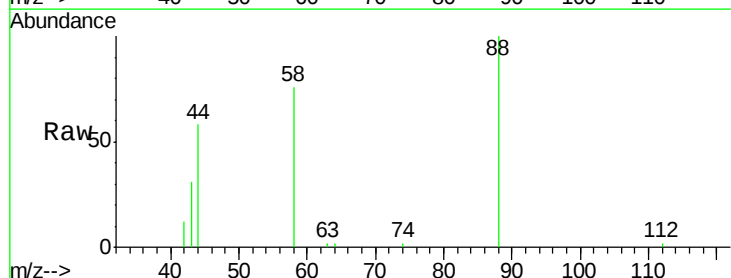
Tgt Ion: 88 Resp: 3056

Ion Ratio Lower Upper

88 100

58 83.6 70.0 105.0

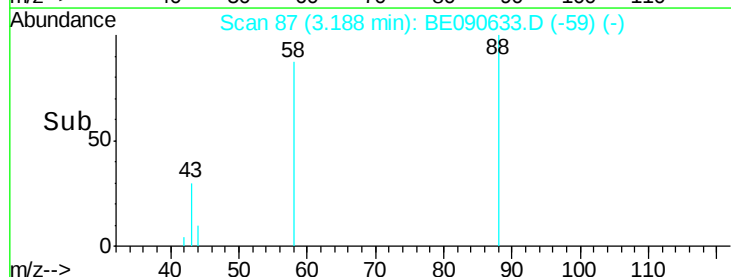
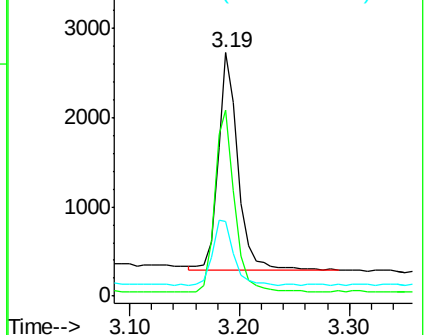
43 31.8 28.4 42.6

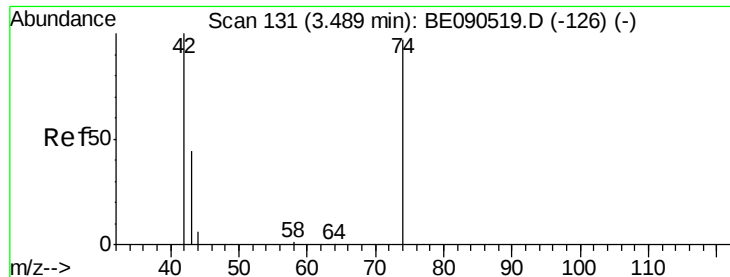


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



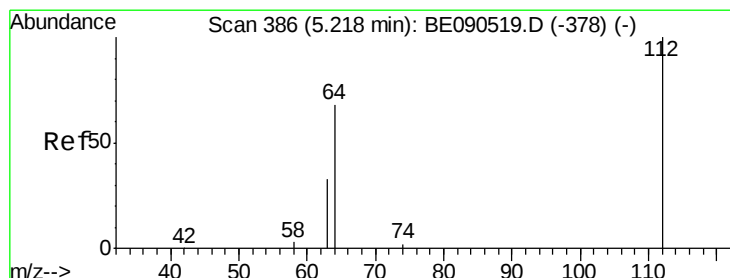
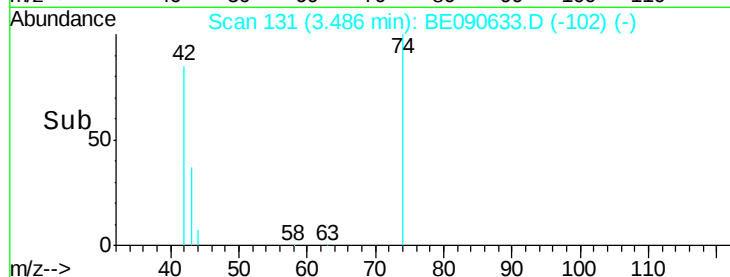
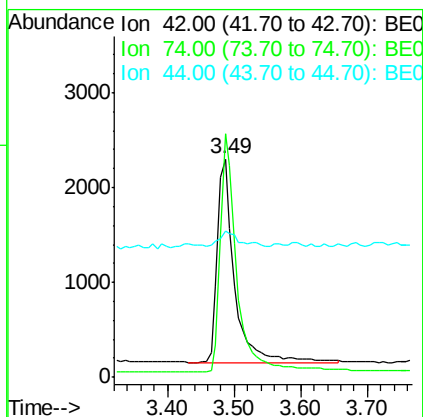
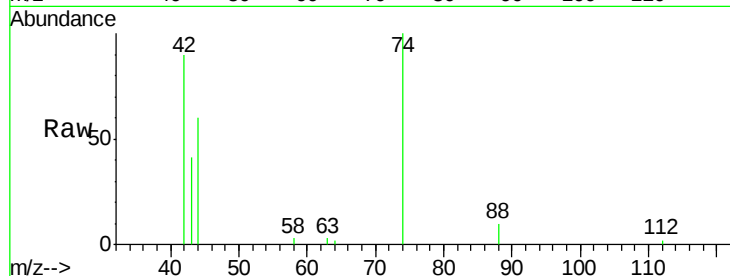


#3

n-Nitrosodimethylamine
 Concen: 1.03 ng
 RT: 3.49 min Scan# 131
 Delta R.T. -0.00 min
 Lab File: BE090633.D
 Acq: 26 Aug 2015 3:01

Instrument :
 BNA_E
 ClientSampleId :

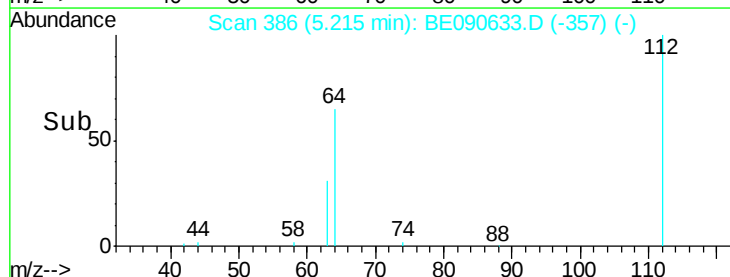
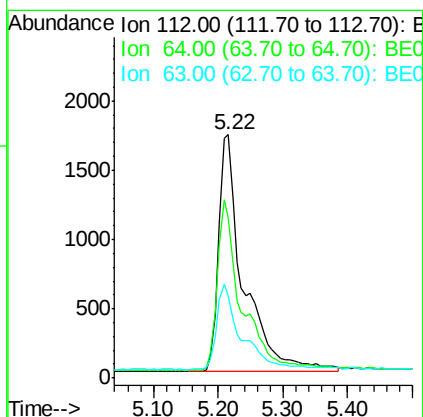
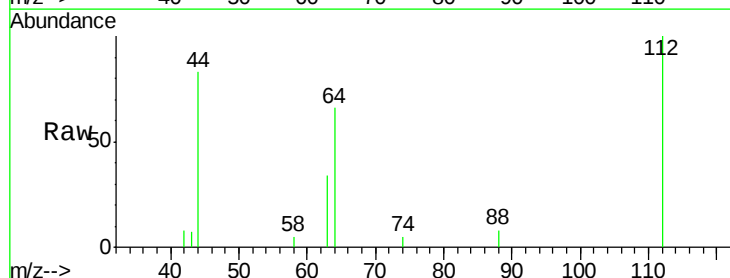
Tot Ion: 42 Resp: 3792
 Ion Ratio Lower Upper
 42 100
 74 113.4 75.2 112.8#
 44 8.9 8.7 13.1

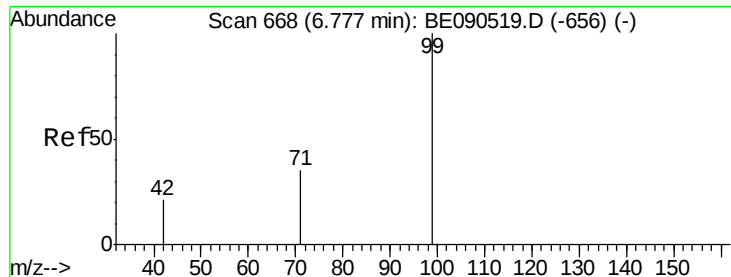


#4

2-Fluorophenol
 Concen: 0.74 ng
 RT: 5.22 min Scan# 386
 Delta R.T. -0.00 min
 Lab File: BE090633.D
 Acq: 26 Aug 2015 3:01

Tgt Ion: 112 Resp: 4561
 Ion Ratio Lower Upper
 112 100
 64 70.2 37.1 55.7#
 63 36.2 19.5 29.3#





#5

Phenol-d6

Concen: 0.70 ng

RT: 6.78 min Scan# 668

Delta R.T. 0.00 min

Lab File: BE090633.D

Acq: 26 Aug 2015 3:01

Instrument :

BNA_E

ClientSampleId :

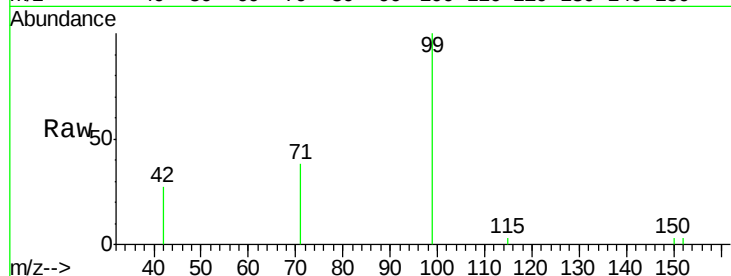
Tot Ion: 99 Resp: 6320

Ion Ratio Lower Upper

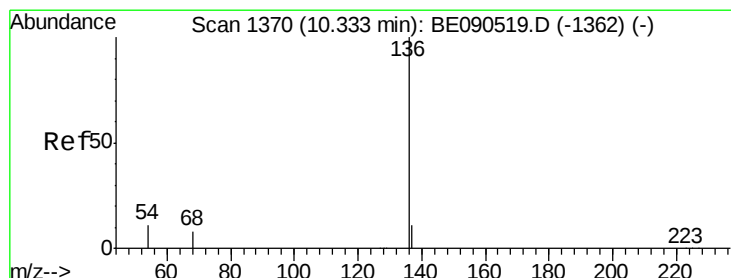
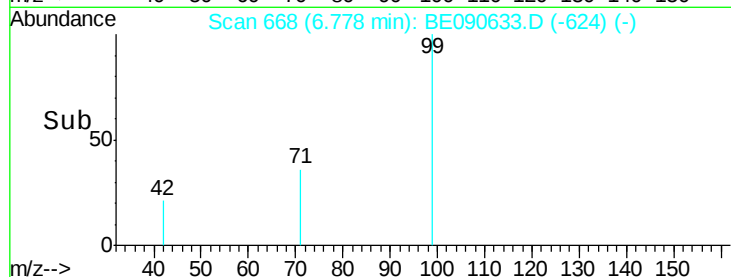
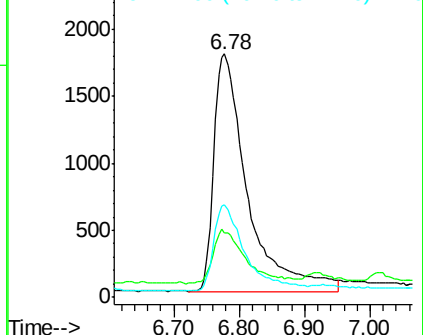
99 100

42 21.9 18.2 27.4

71 34.4 27.4 41.0



Abundance Ion 99.00 (98.70 to 99.70): BE0
Ion 42.00 (41.70 to 42.70): BE0
Ion 71.00 (70.70 to 71.70): BE0



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.33 min Scan# 1370

Delta R.T. -0.00 min

Lab File: BE090633.D

Acq: 26 Aug 2015 3:01

Tgt Ion: 136 Resp: 96847

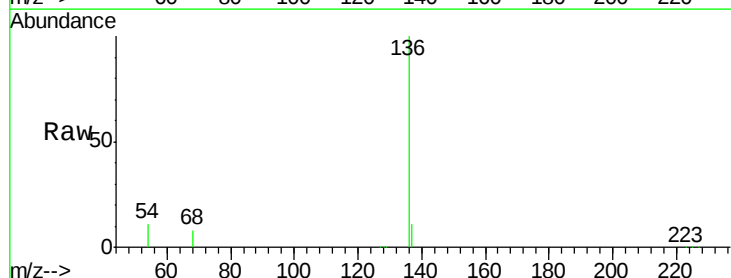
Ion Ratio Lower Upper

136 100

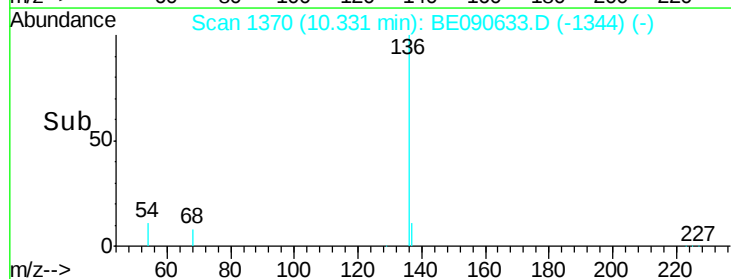
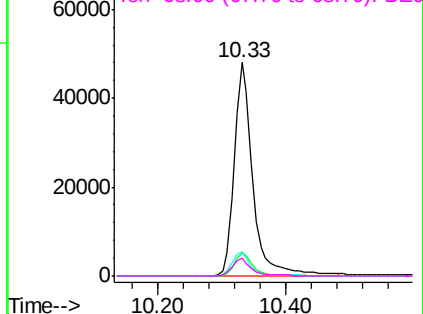
137 11.0 8.7 13.1

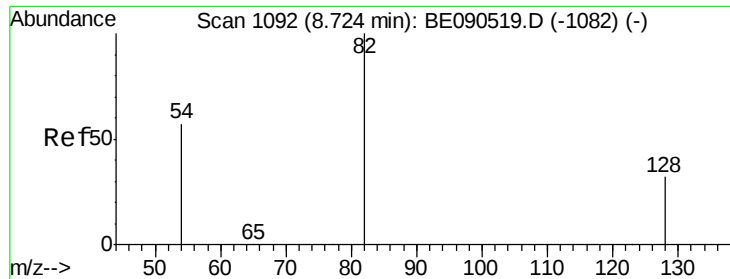
54 11.5 9.4 14.0

68 8.3 6.5 9.7



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BE0
Ion 68.00 (67.70 to 68.70): BE0





#7

Nitrobenzene-d5

Concen: 0.91 ng

RT: 8.72 min Scan# 1092

Delta R.T. 0.00 min

Lab File: BE090633.D

Acq: 26 Aug 2015 3:01

Instrument :

BNA_E

ClientSampleId :

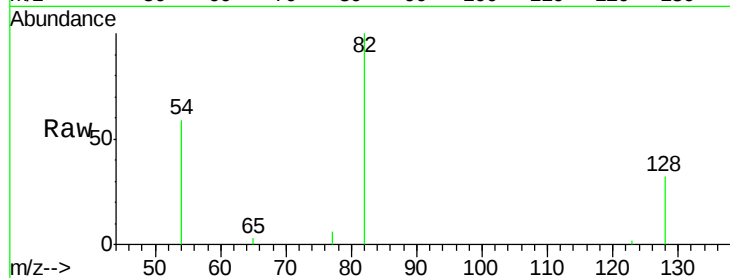
Tot Ion: 82 Resp: 7052

Ion Ratio Lower Upper

82 100

128 32.2 25.0 37.6

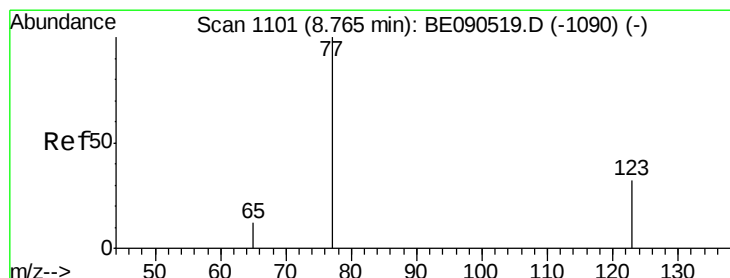
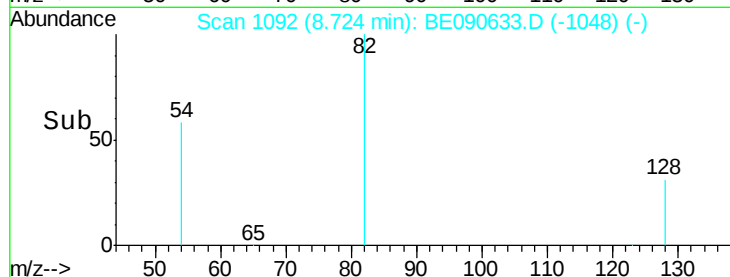
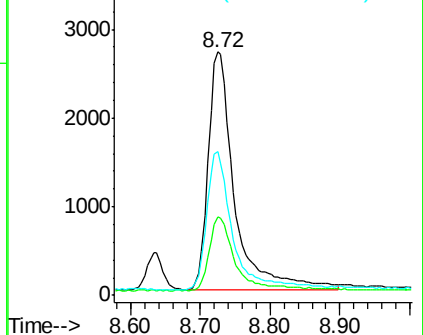
54 59.0 48.8 73.2



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#8

Nitrobenzene

Concen: 0.89 ng

RT: 8.77 min Scan# 1101

Delta R.T. 0.00 min

Lab File: BE090633.D

Acq: 26 Aug 2015 3:01

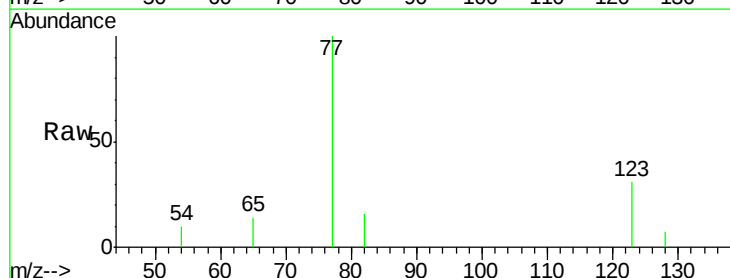
Tgt Ion: 77 Resp: 7086

Ion Ratio Lower Upper

77 100

123 32.7 25.1 37.7

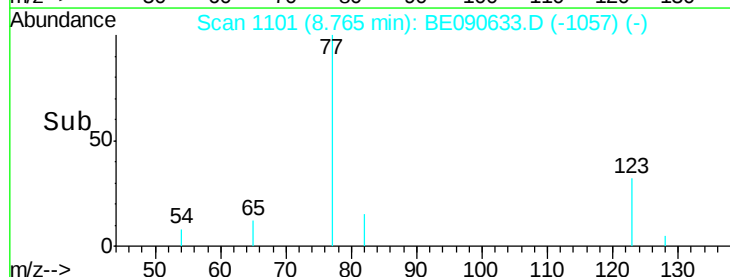
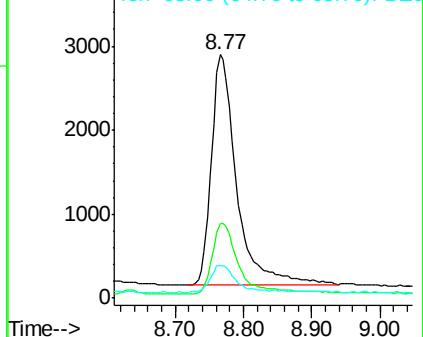
65 11.3 9.3 13.9

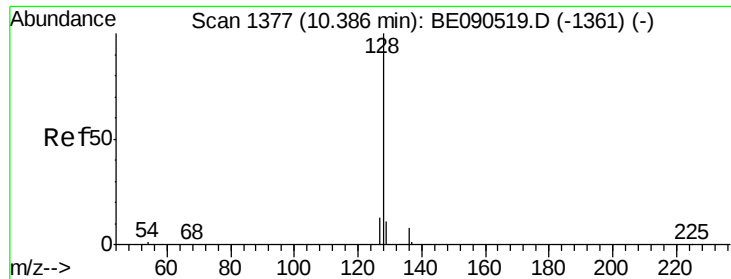


Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0





#9

Naphthalene

Concen: 0.97 ng

RT: 10.38 min Scan# 1377

Delta R.T. -0.00 min

Lab File: BE090633.D

Acq: 26 Aug 2015 3:01

Instrument :

BNA_E

ClientSampleId :

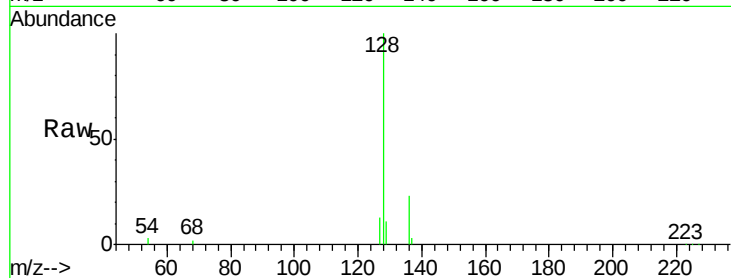
Tot Ion:128 Resp: 21378

Ion Ratio Lower Upper

128 100

129 11.2 9.8 14.6

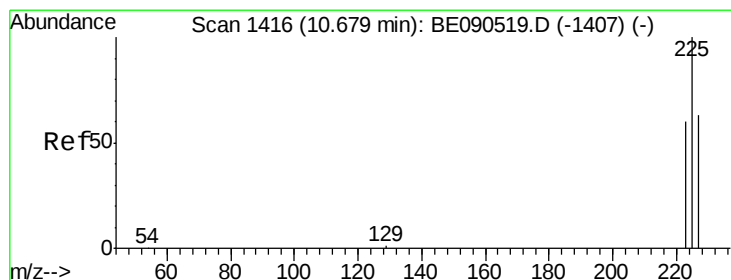
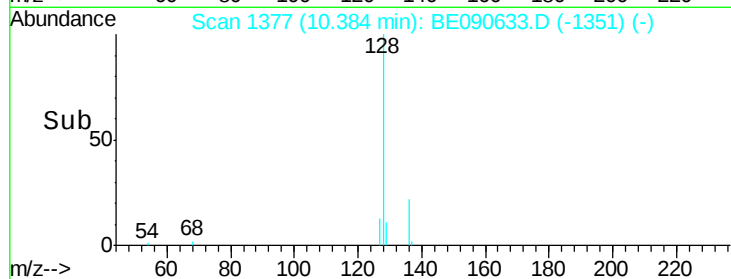
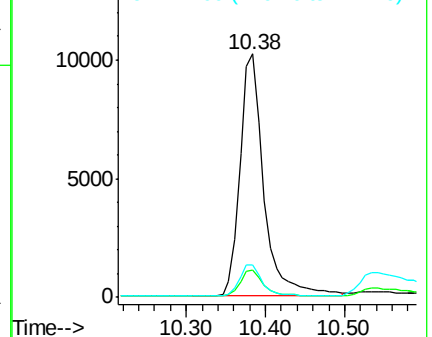
127 13.1 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 1.04 ng

RT: 10.67 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BE090633.D

Acq: 26 Aug 2015 3:01

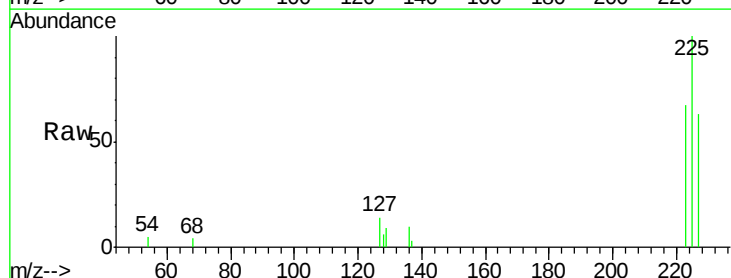
Tgt Ion:225 Resp: 3373

Ion Ratio Lower Upper

225 100

223 62.9 50.6 75.8

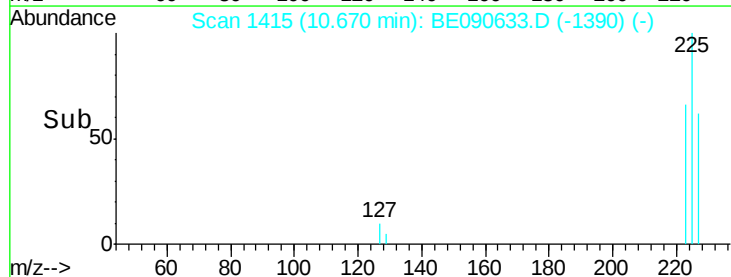
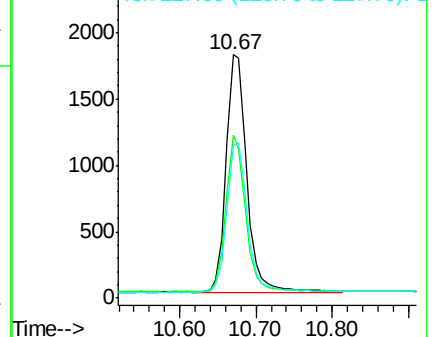
227 63.0 50.7 76.1

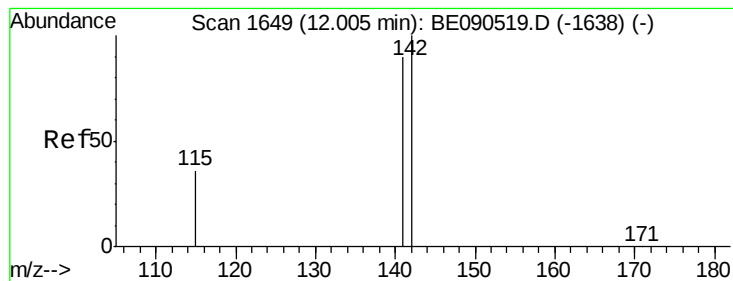


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 0.93 ng

RT: 12.01 min Scan# 1650

Delta R.T. 0.00 min

Lab File: BE090633.D

Acq: 26 Aug 2015 3:01

Instrument :

BNA_E

ClientSampleId :

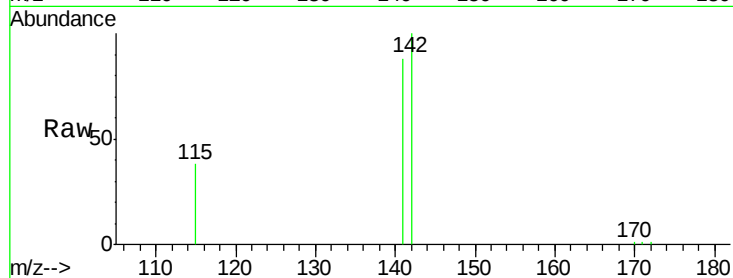
Tot Ion:142 Resp: 13331

Ion Ratio Lower Upper

142 100

141 87.6 72.6 109.0

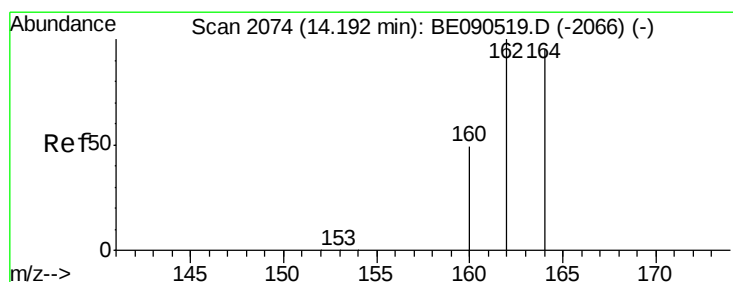
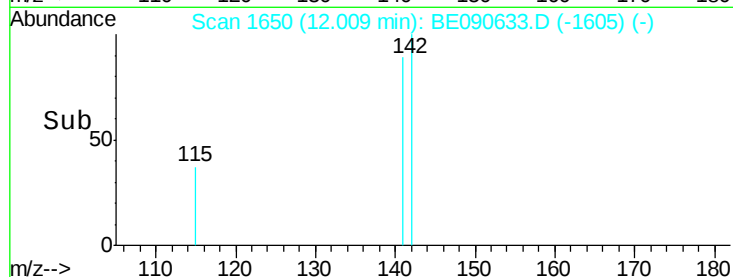
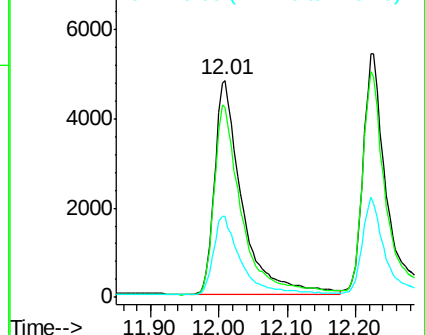
115 37.5 31.6 47.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.19 min Scan# 2074

Delta R.T. 0.00 min

Lab File: BE090633.D

Acq: 26 Aug 2015 3:01

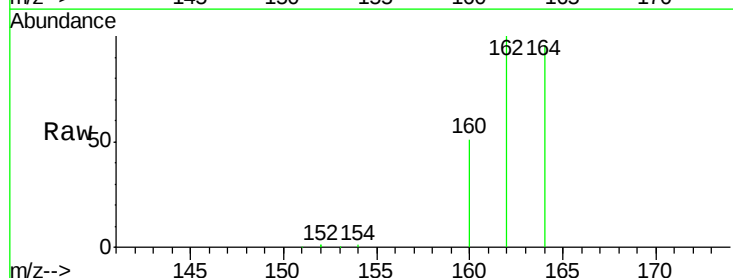
Tgt Ion:164 Resp: 56743

Ion Ratio Lower Upper

164 100

162 104.1 81.8 122.8

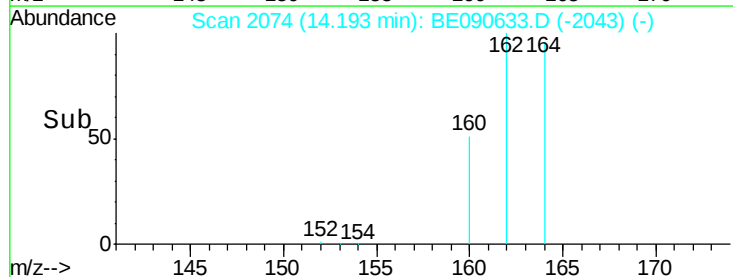
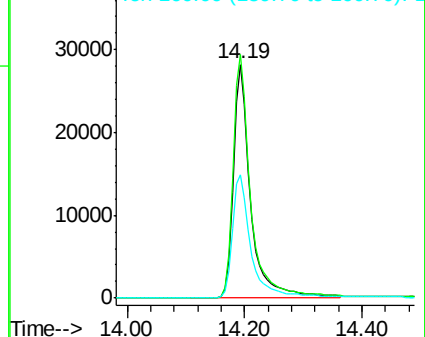
160 52.8 44.2 66.4

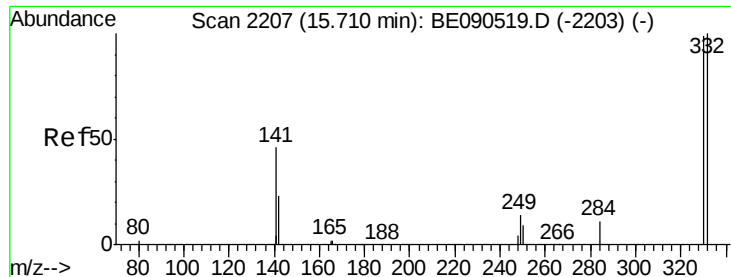


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

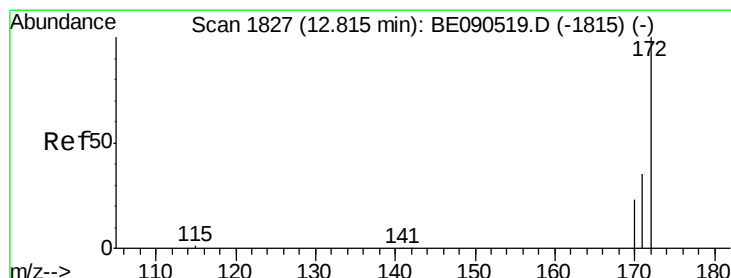
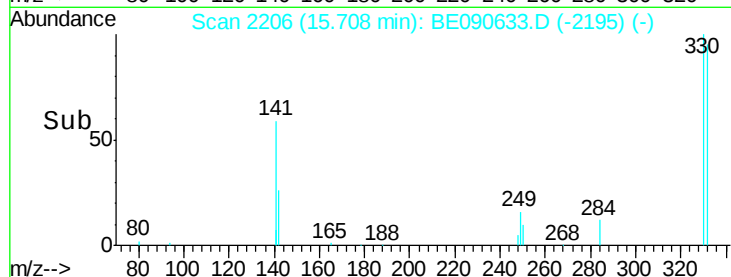
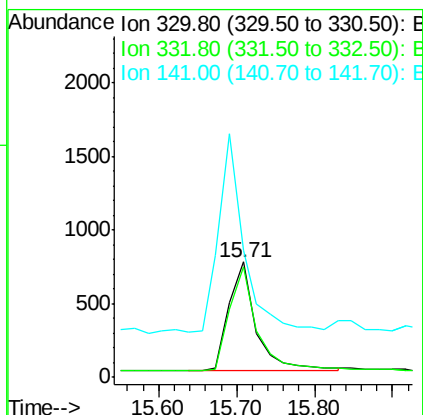
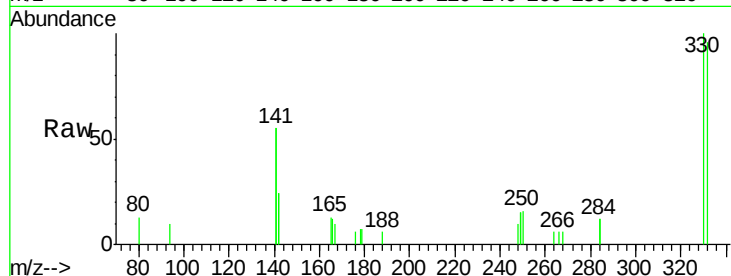




#13
 2,4,6-Tribromophenol
 Concen: 0.83 ng
 RT: 15.71 min Scan# 2206
 Delta R.T. -0.00 min
 Lab File: BE090633.D
 Acq: 26 Aug 2015 3:01

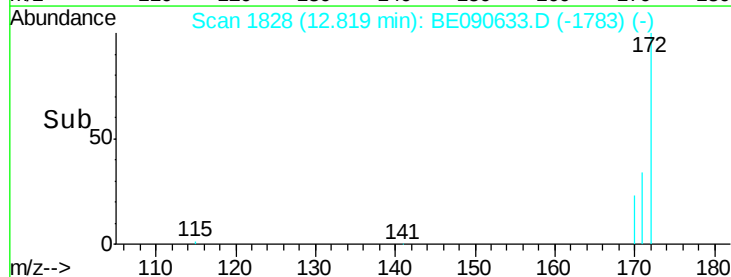
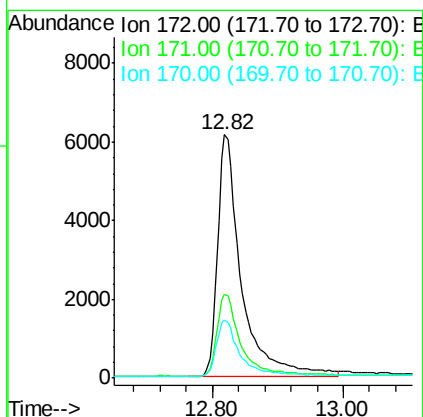
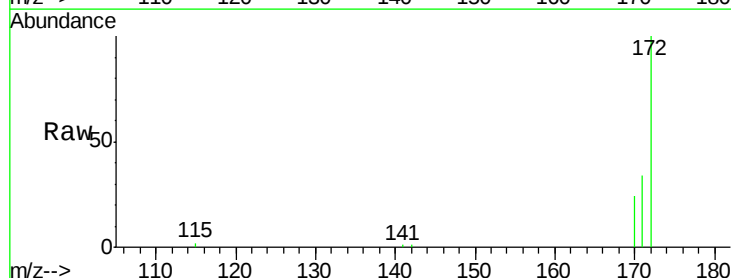
Instrument :
 BNA_E
 ClientSampled :

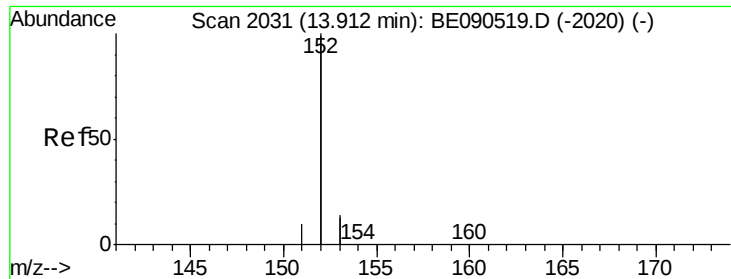
Tot Ion:330 Resp: 1813
 Ion Ratio Lower Upper
 330 100
 332 98.0 75.8 113.6
 141 164.0 114.4 171.6



#14
 2-Fluorobiphenyl
 Concen: 0.91 ng
 RT: 12.82 min Scan# 1828
 Delta R.T. 0.00 min
 Lab File: BE090633.D
 Acq: 26 Aug 2015 3:01

Tgt Ion:172 Resp: 15481
 Ion Ratio Lower Upper
 172 100
 171 34.2 28.5 42.7
 170 23.8 19.8 29.8





#15

Acenaphthylene

Concen: 0.93 ng

RT: 13.91 min Scan# 2031

Delta R.T. 0.00 min

Lab File: BE090633.D

Acq: 26 Aug 2015 3:01

Instrument :

BNA_E

ClientSampleId :

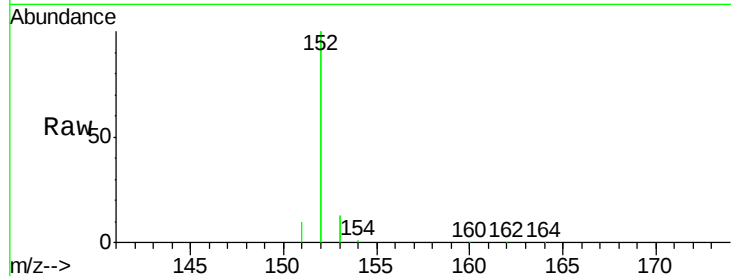
Tot Ion:152 Resp: 96506

Ion Ratio Lower Upper

152 100

151 4.9 3.8 5.8

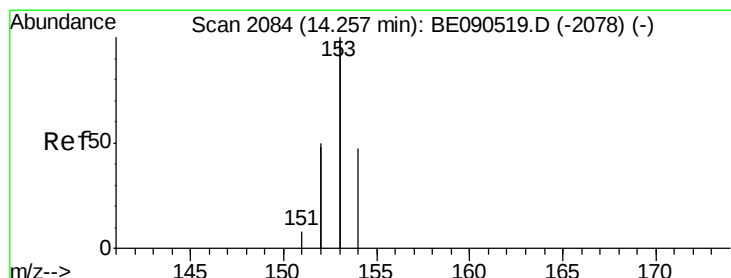
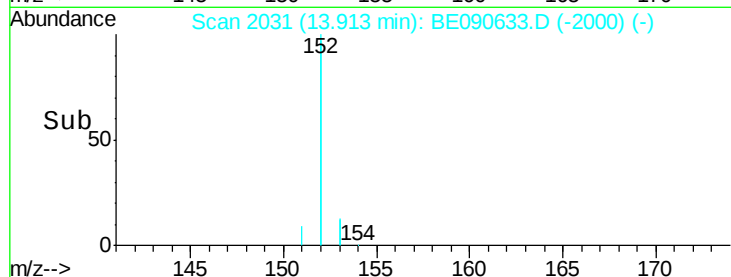
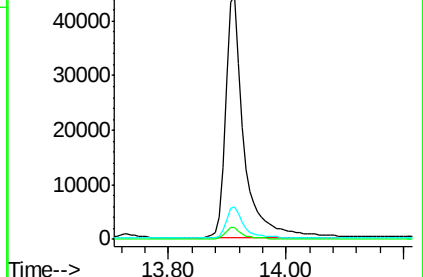
153 13.0 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#16

Acenaphthene

Concen: 0.98 ng

RT: 14.25 min Scan# 2083

Delta R.T. -0.01 min

Lab File: BE090633.D

Acq: 26 Aug 2015 3:01

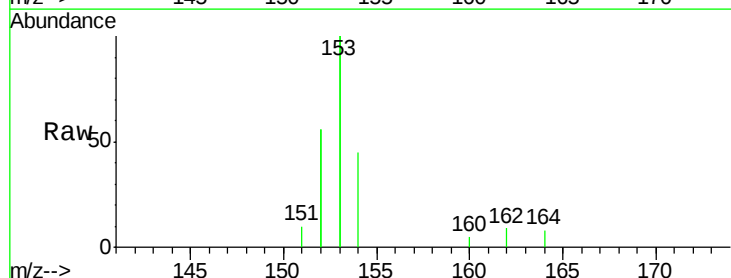
Tgt Ion:154 Resp: 15272

Ion Ratio Lower Upper

154 100

153 439.8 376.2 564.2

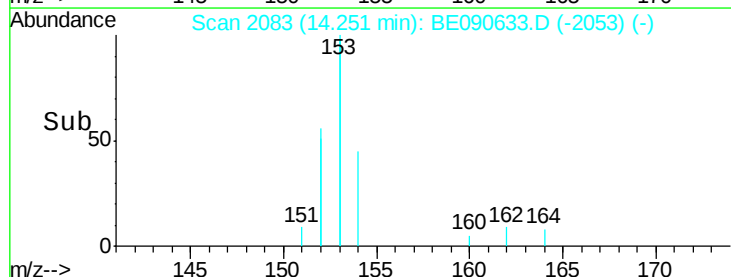
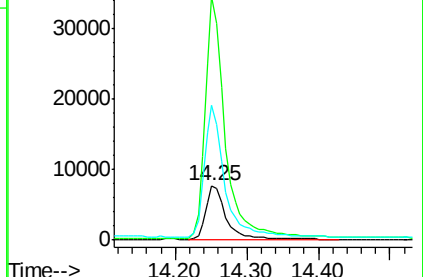
152 237.6 235.0 352.4

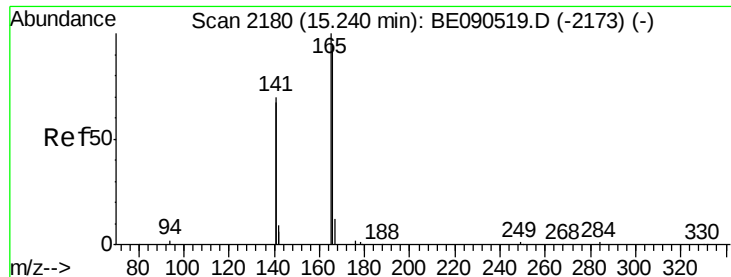


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

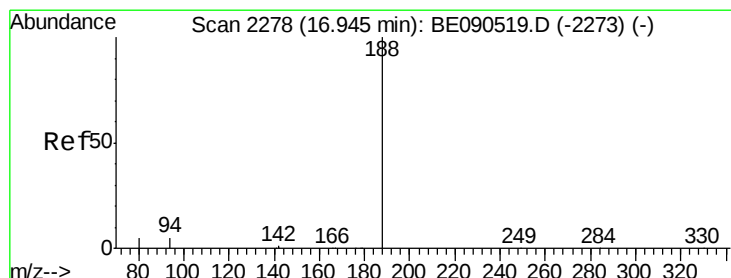
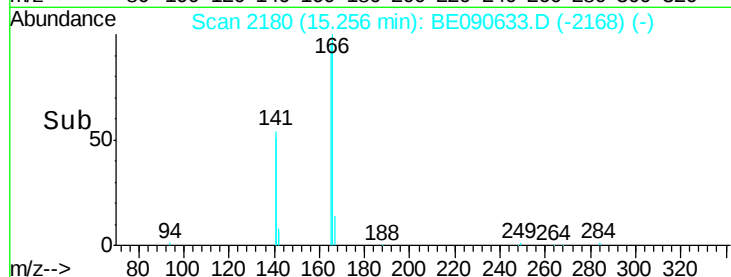
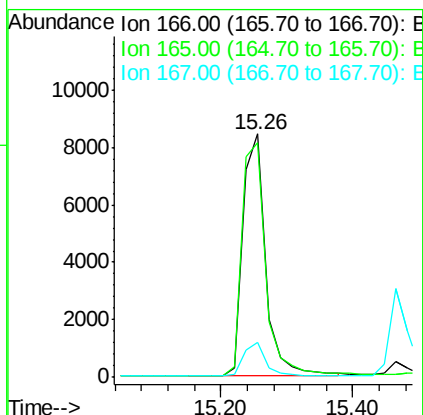
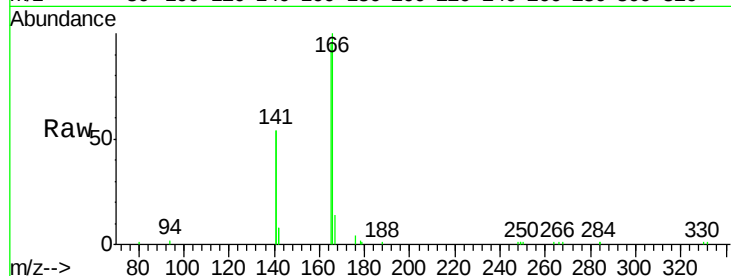




#17
Fluorene
 Concen: 1.06 ng
 RT: 15.26 min Scan# 2180
 Delta R.T. 0.02 min
 Lab File: BE090633.D
 Acq: 26 Aug 2015 3:01

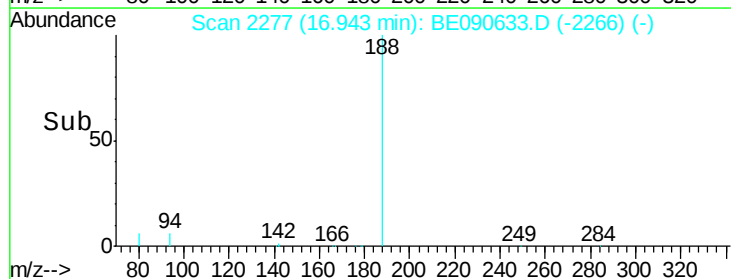
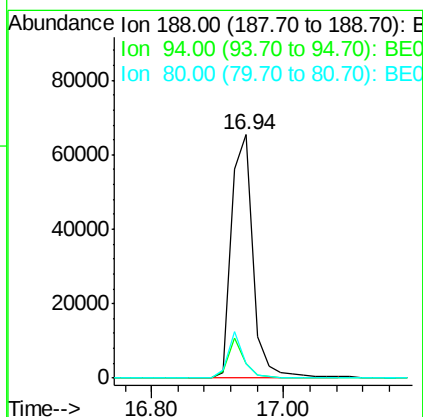
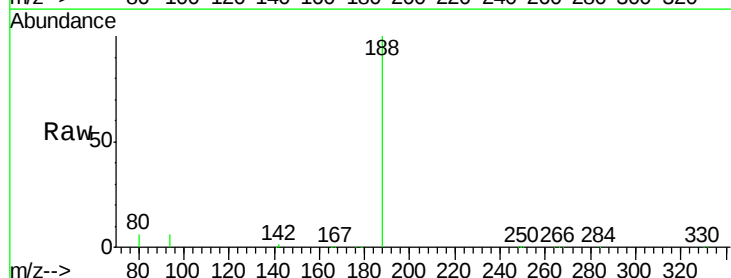
Instrument :
 BNA_E
 ClientSampleId :

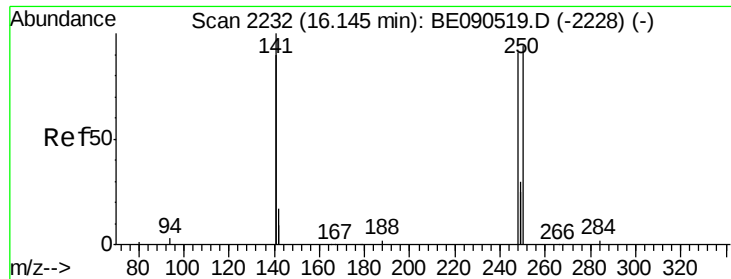
Tot Ion:166 Resp: 20166
 Ion Ratio Lower Upper
 166 100
 165 100.7 81.5 122.3
 167 13.7 11.4 17.0



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 16.94 min Scan# 2277
 Delta R.T. -0.00 min
 Lab File: BE090633.D
 Acq: 26 Aug 2015 3:01

Tgt Ion:188 Resp: 147993
 Ion Ratio Lower Upper
 188 100
 94 6.0 5.7 8.5
 80 6.2 5.8 8.8

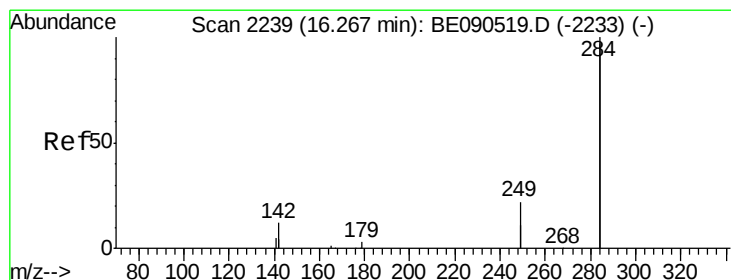
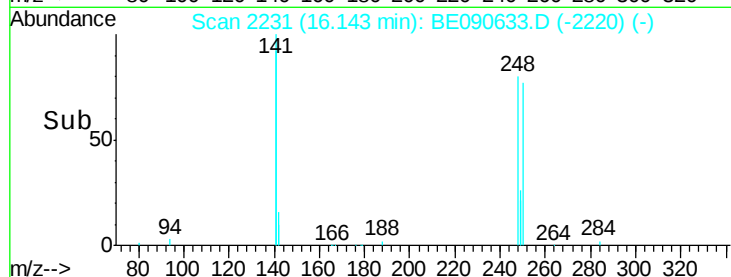
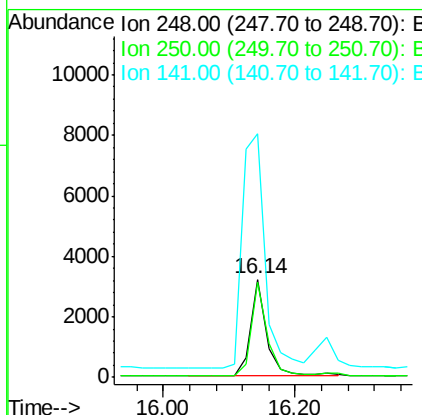
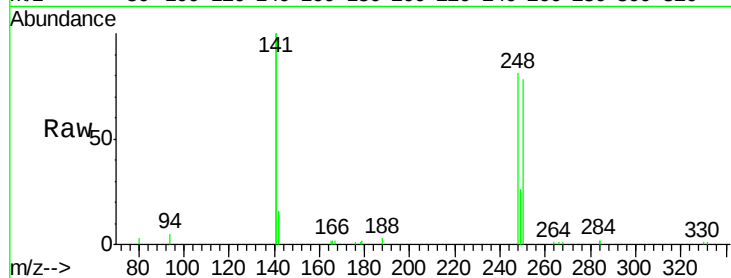




#19
4-Bromophenyl-phenylether
Concen: 0.91 ng
RT: 16.14 min Scan# 2231
Delta R.T. -0.00 min
Lab File: BE090633.D
Acq: 26 Aug 2015 3:01

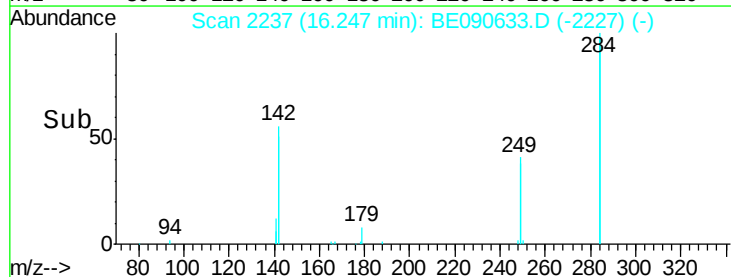
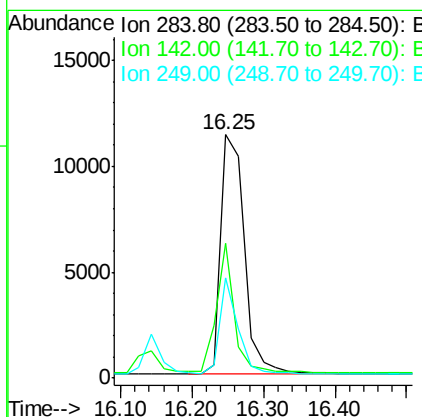
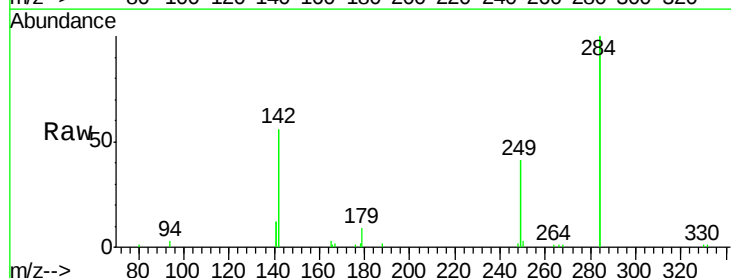
Instrument :
BNA_E
ClientSampleId :

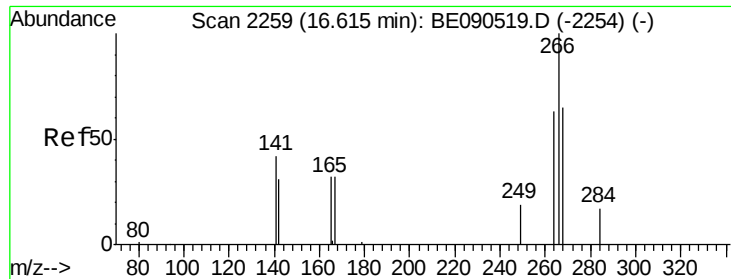
Tot Ion:248 Resp: 5518
Ion Ratio Lower Upper
248 100
250 94.5 79.0 118.6
141 334.9 239.5 359.3



#20
Hexachlorobenzene
Concen: 0.98 ng
RT: 16.25 min Scan# 2237
Delta R.T. -0.02 min
Lab File: BE090633.D
Acq: 26 Aug 2015 3:01

Tgt Ion:284 Resp: 26169
Ion Ratio Lower Upper
284 100
142 40.6 30.1 45.1
249 30.7 25.7 38.5

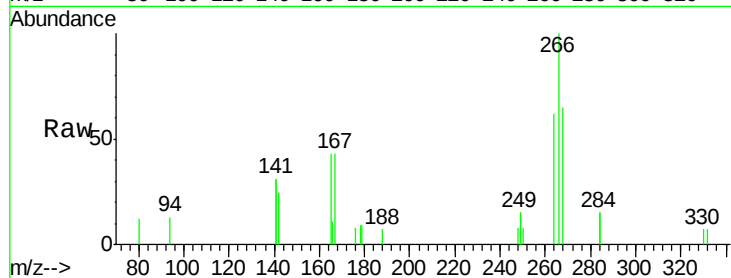




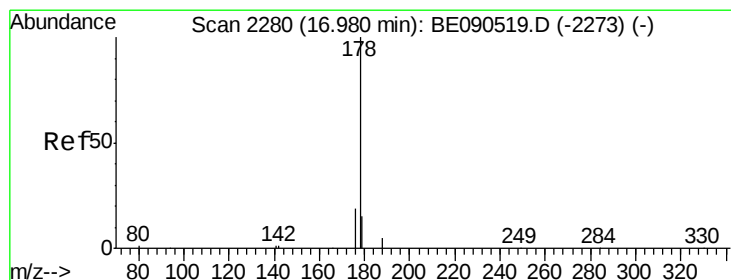
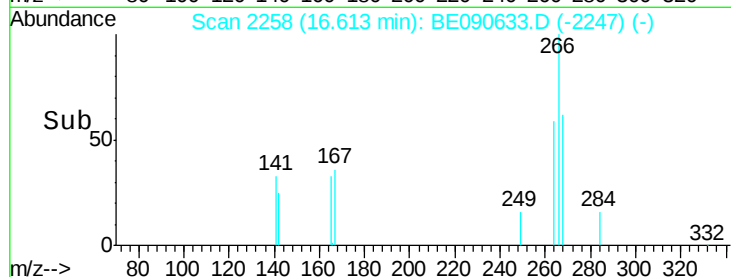
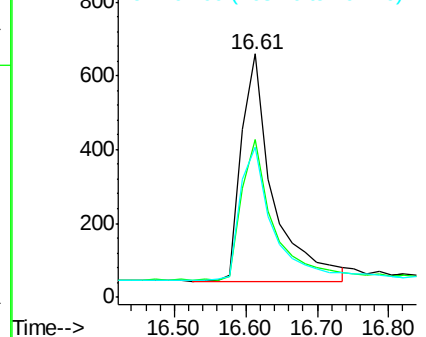
#21
 Pentachlorophenol
 Concen: 0.85 ng
 RT: 16.61 min Scan# 2258
 Delta R.T. -0.00 min
 Lab File: BE090633.D
 Acq: 26 Aug 2015 3:01

Instrument :
 BNA_E
 ClientSampled :

Tot Ion:266 Resp: 1871
 Ion Ratio Lower Upper
 266 100
 268 65.1 58.5 87.7
 264 61.6 56.0 84.0

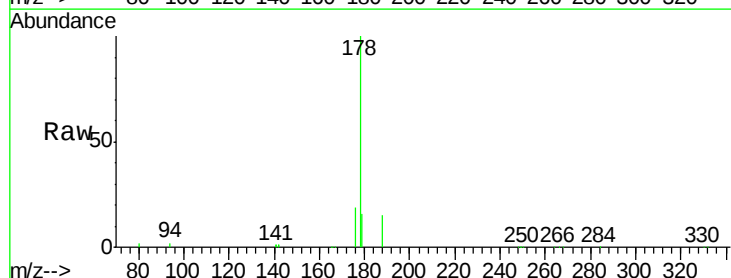


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

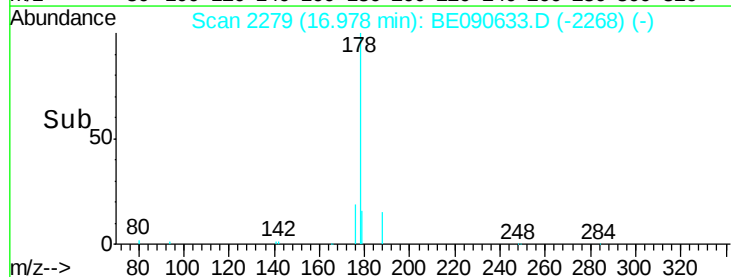
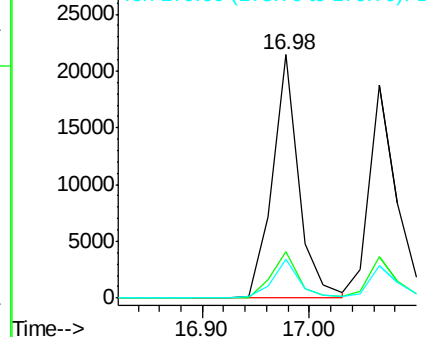


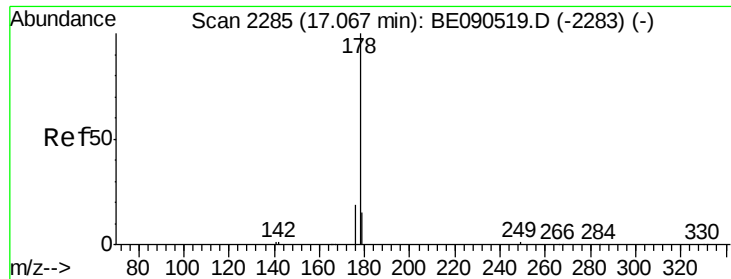
#22
 Phenanthrene
 Concen: 0.94 ng
 RT: 16.98 min Scan# 2279
 Delta R.T. -0.00 min
 Lab File: BE090633.D
 Acq: 26 Aug 2015 3:01

Tgt Ion:178 Resp: 36409
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.2
 179 15.8 12.5 18.7



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





#23

Anthracene

Concen: 0.94 ng

RT: 17.07 min Scan# 2284

Delta R.T. -0.00 min

Lab File: BE090633.D

Acq: 26 Aug 2015 3:01

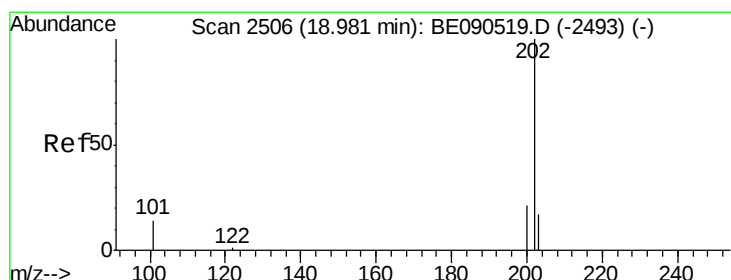
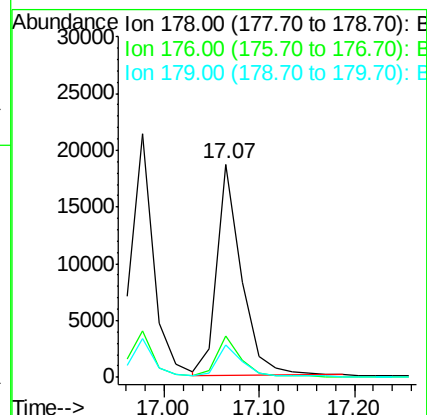
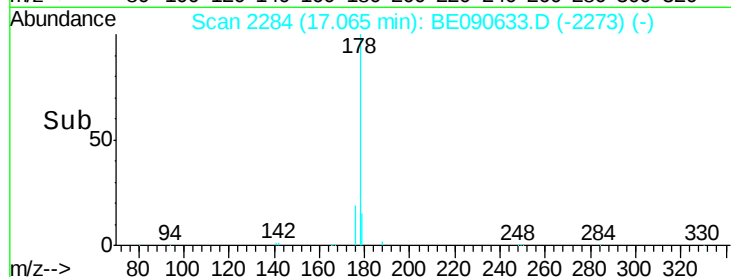
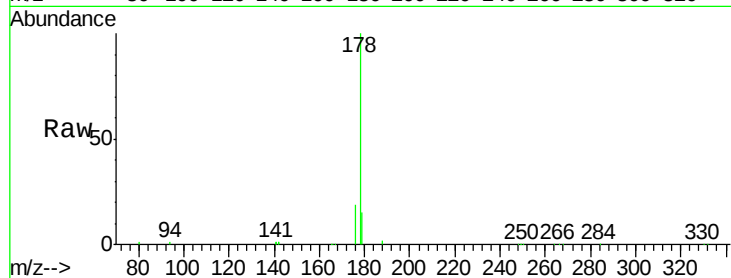
Instrument :

BNA_E

ClientSampled :

Tot Ion:178 Resp: 33575

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.9	22.3
179	15.2	12.2	18.4



#24

Fluoranthene

Concen: 0.98 ng

RT: 18.98 min Scan# 2505

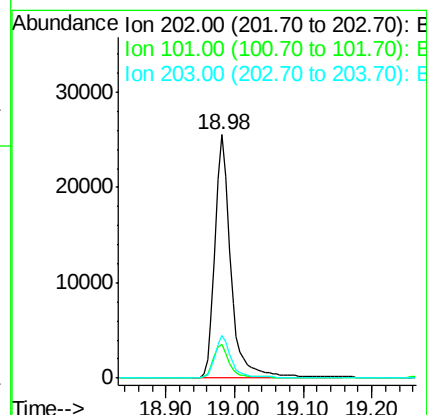
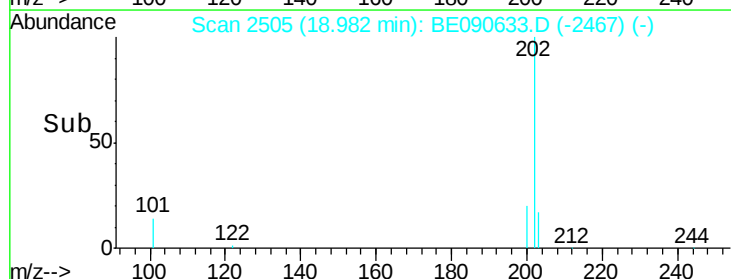
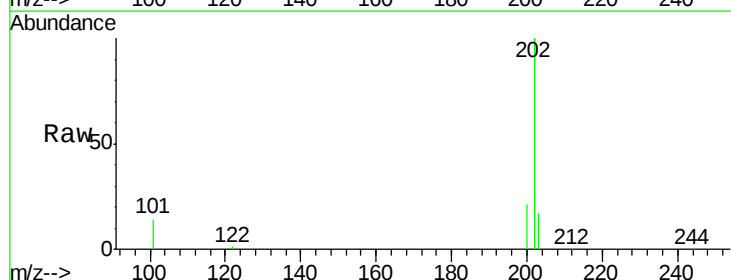
Delta R.T. 0.00 min

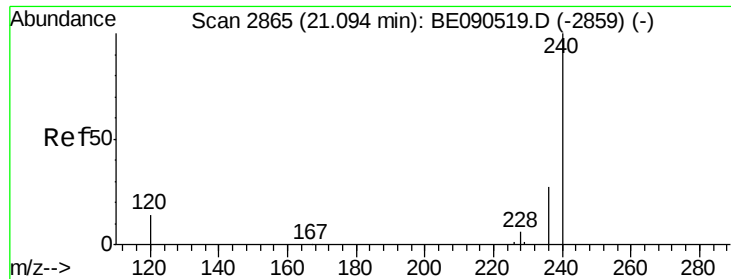
Lab File: BE090633.D

Acq: 26 Aug 2015 3:01

Tgt Ion:202 Resp: 40453

Ion	Ratio	Lower	Upper
202	100		
101	13.9	10.3	15.5
203	17.3	13.7	20.5





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.09 min Scan# 2864

Delta R.T. 0.00 min

Lab File: BE090633.D

Acq: 26 Aug 2015 3:01

Instrument :

BNA_E

ClientSampleId :

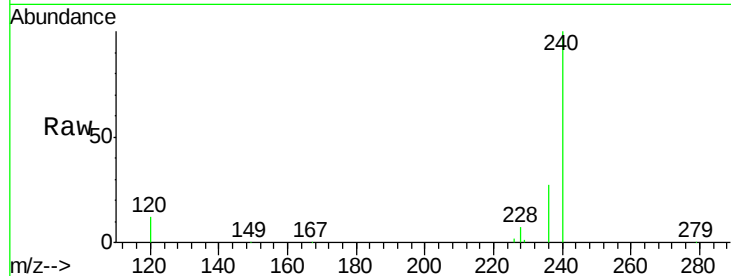
Tot Ion:240 Resp: 168667

Ion Ratio Lower Upper

240 100

120 12.3 8.3 12.5

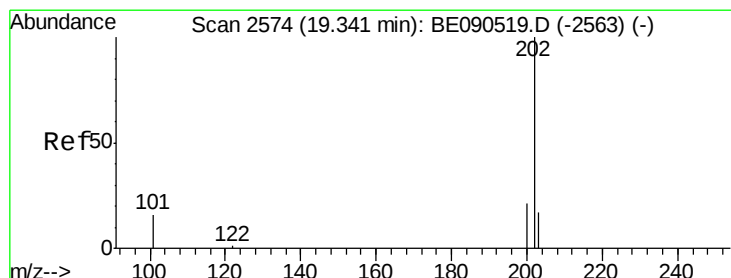
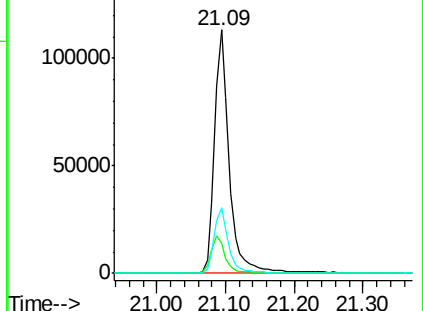
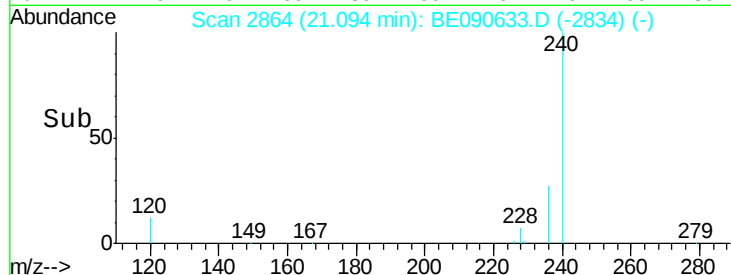
236 27.0 21.0 31.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#26

Pyrene

Concen: 0.89 ng

RT: 19.34 min Scan# 2573

Delta R.T. 0.00 min

Lab File: BE090633.D

Acq: 26 Aug 2015 3:01

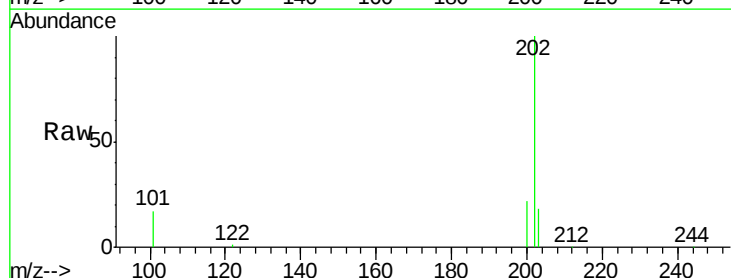
Tgt Ion:202 Resp: 42846

Ion Ratio Lower Upper

202 100

200 21.2 16.7 25.1

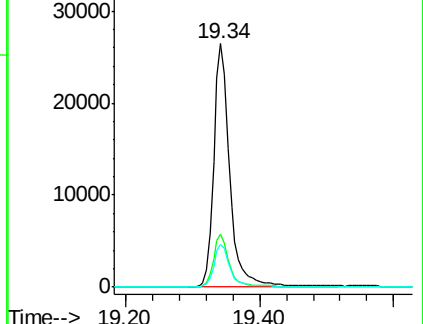
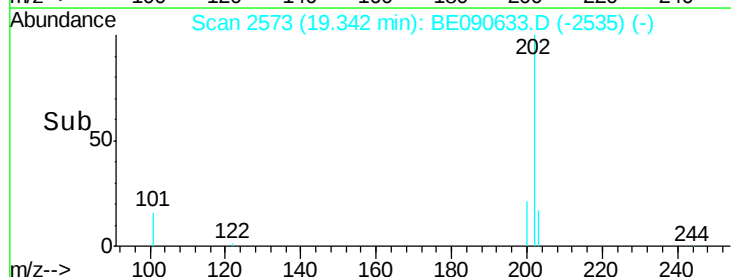
203 17.4 13.8 20.8

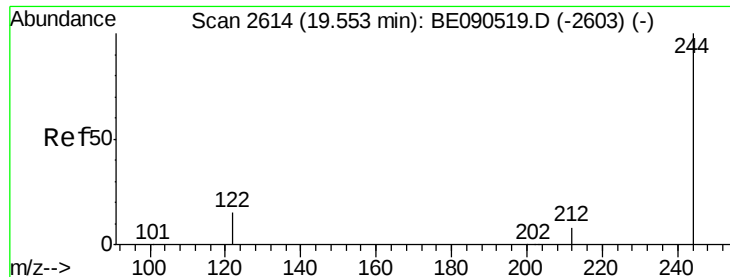


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

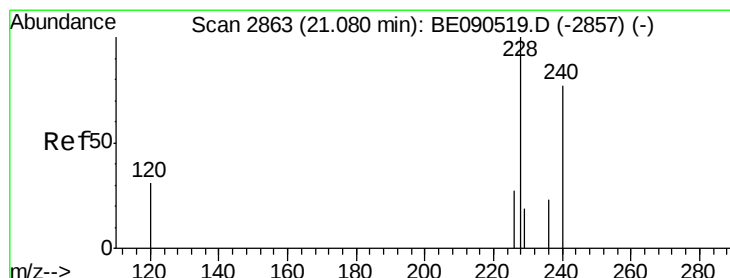
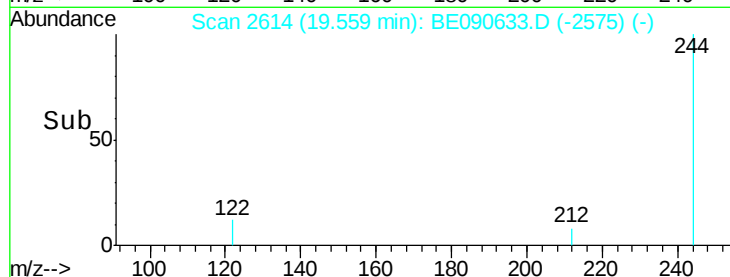
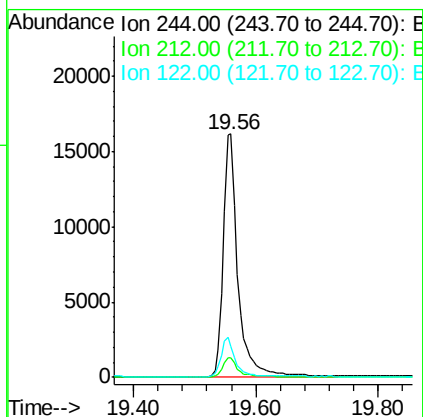
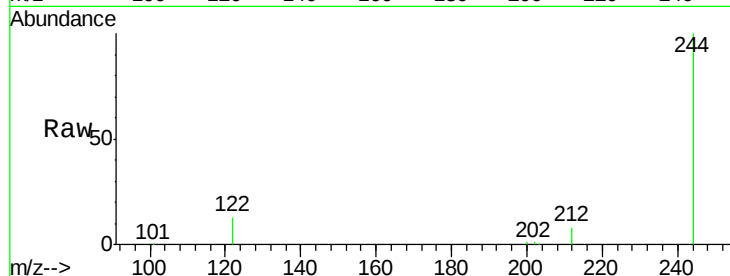




#27
 Terphenyl-d14
 Concen: 0.88 ng
 RT: 19.56 min Scan# 2614
 Delta R.T. 0.01 min
 Lab File: BE090633.D
 Acq: 26 Aug 2015 3:01

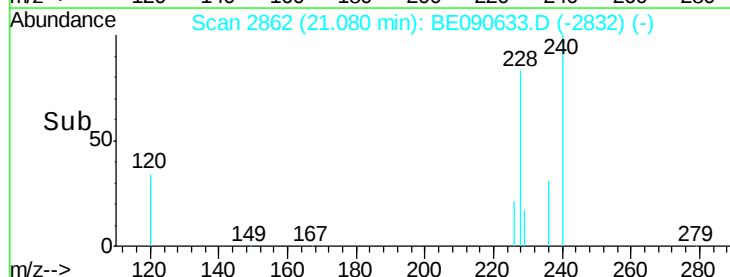
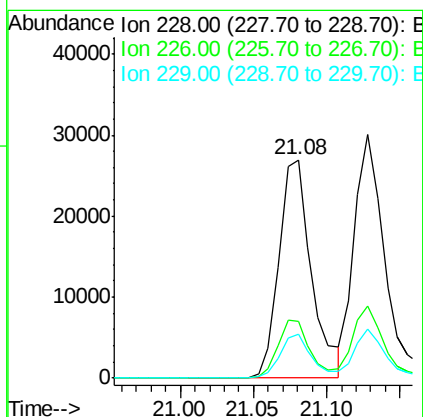
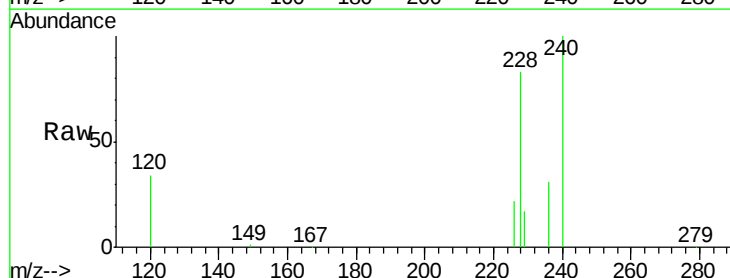
Instrument :
 BNA_E
 ClientSampleId :

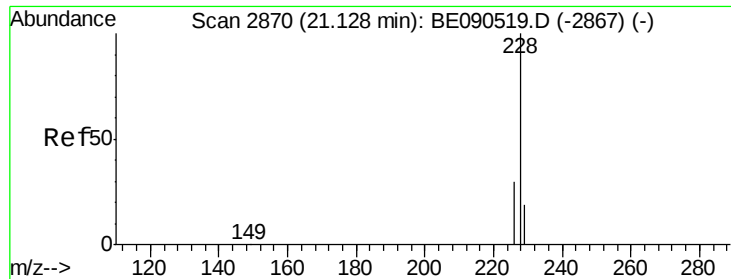
Tot Ion:244 Resp: 27054
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.6 9.8
 122 12.7 10.2 15.4



#28
 Benzo(a)anthracene
 Concen: 0.94 ng
 RT: 21.08 min Scan# 2862
 Delta R.T. 0.00 min
 Lab File: BE090633.D
 Acq: 26 Aug 2015 3:01

Tgt Ion:228 Resp: 41621
 Ion Ratio Lower Upper
 228 100
 226 26.1 21.9 32.9
 229 20.4 15.4 23.0





#29

Chrysene

Concen: 1.00 ng

RT: 21.13 min Scan# 2869

Delta R.T. 0.00 min

Lab File: BE090633.D

Acq: 26 Aug 2015 3:01

Instrument :

BNA_E

ClientSampled :

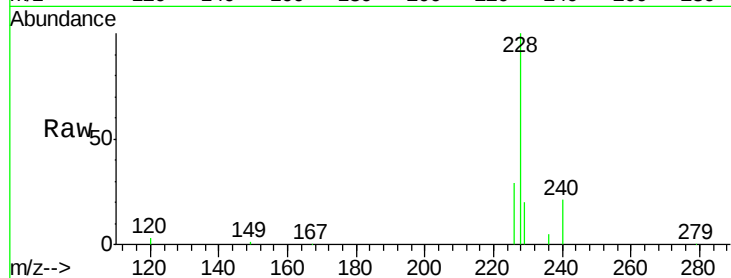
Tot Ion:228 Resp: 45220

Ion Ratio Lower Upper

228 100

226 29.4 23.1 34.7

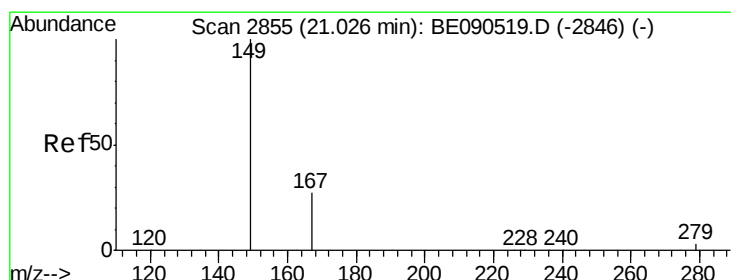
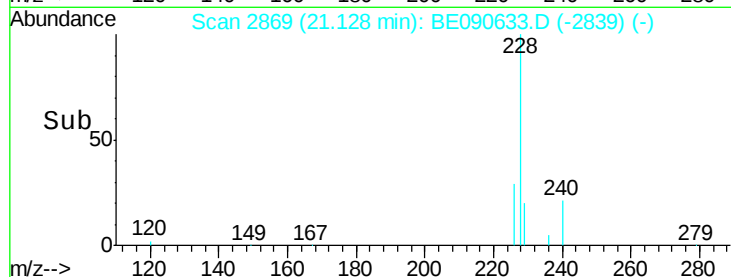
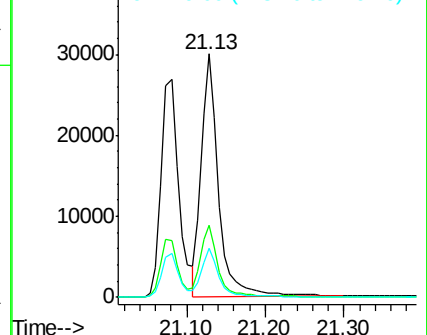
229 19.9 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#30

Bis(2-ethylhexyl)phthalate

Concen: 0.66 ng

RT: 21.02 min Scan# 2853

Delta R.T. -0.01 min

Lab File: BE090633.D

Acq: 26 Aug 2015 3:01

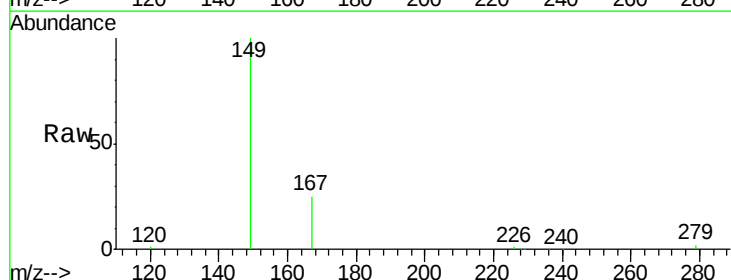
Tgt Ion:149 Resp: 14059

Ion Ratio Lower Upper

149 100

167 25.6 19.8 29.8

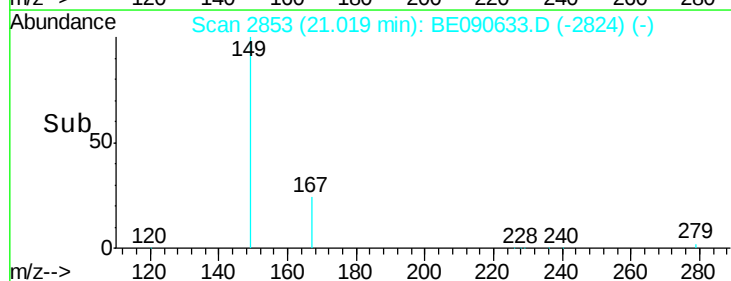
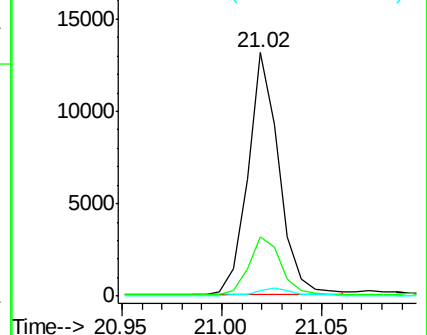
279 3.0 2.4 3.6

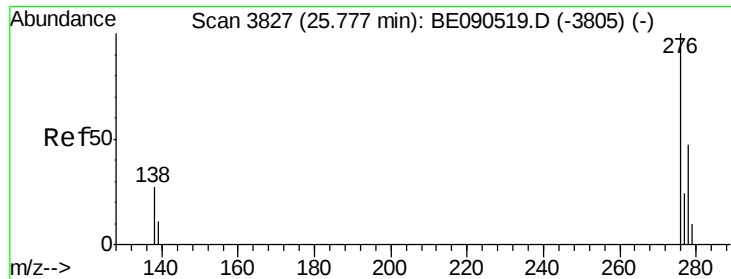


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

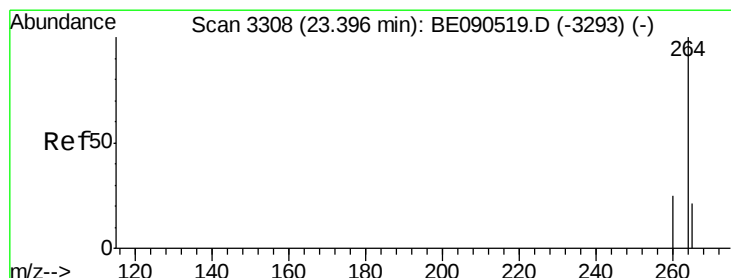
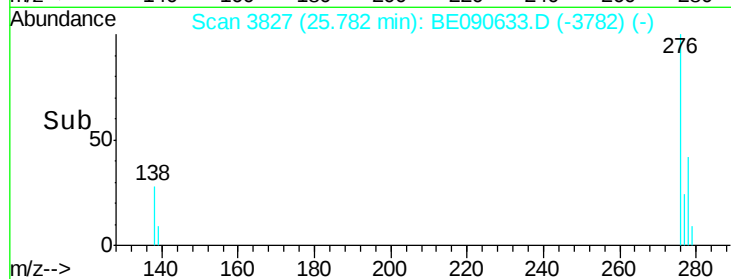
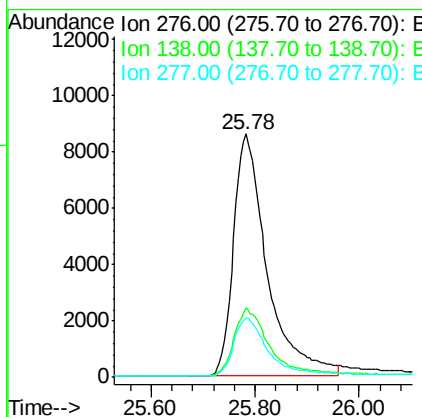
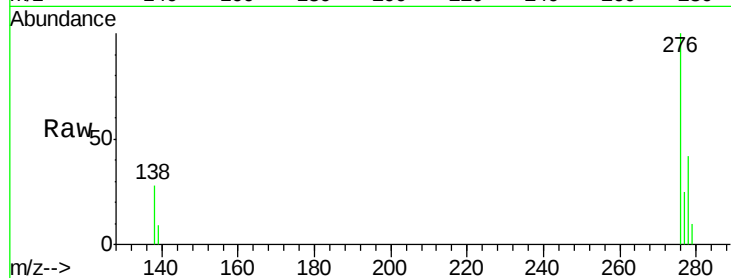




#31
Indeno(1,2,3-cd)pyrene
Concen: 0.91 ng
RT: 25.78 min Scan# 3827
Delta R.T. 0.00 min
Lab File: BE090633.D
Acq: 26 Aug 2015 3:01

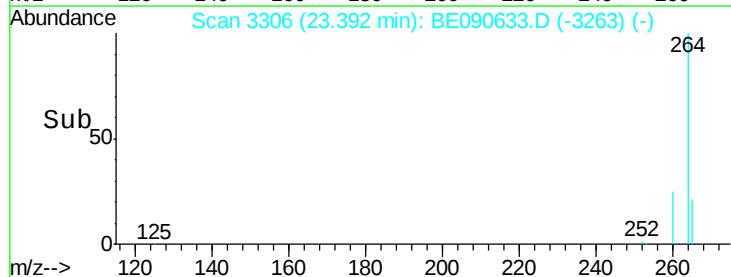
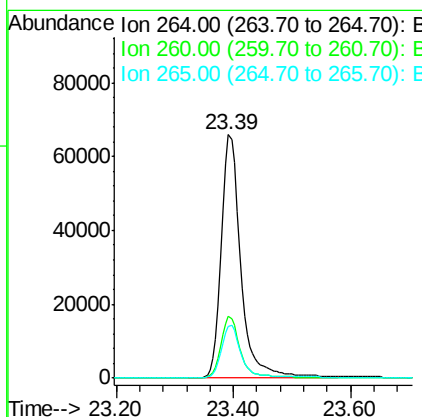
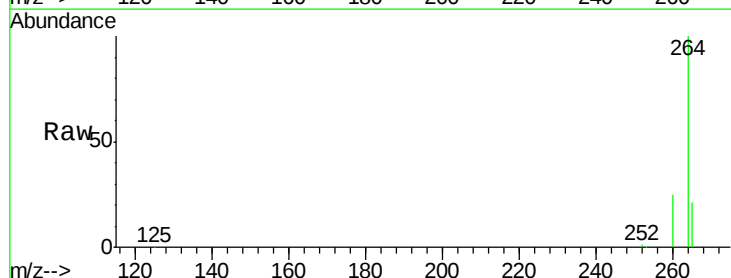
Instrument :
BNA_E
ClientSampleId :

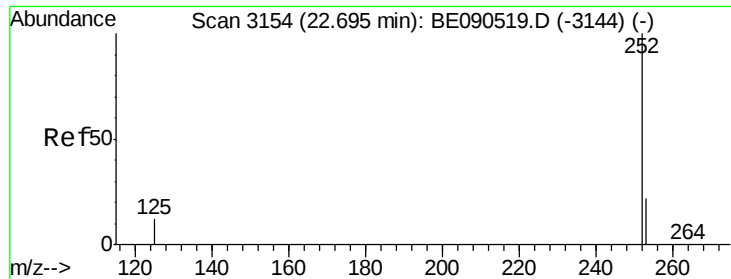
Tot Ion:276 Resp: 38666
Ion Ratio Lower Upper
276 100
138 29.3 18.8 28.2#
277 24.7 18.2 27.4



#32
Perylene-d12
Concen: 5.00 ng
RT: 23.39 min Scan# 3306
Delta R.T. -0.00 min
Lab File: BE090633.D
Acq: 26 Aug 2015 3:01

Tgt Ion:264 Resp: 151301
Ion Ratio Lower Upper
264 100
260 25.5 20.1 30.1
265 21.4 17.2 25.8





#33

Benzo(b)fluoranthene

Concen: 0.97 ng

RT: 22.70 min Scan# 3153

Delta R.T. 0.00 min

Lab File: BE090633.D

Acq: 26 Aug 2015 3:01

Instrument :

BNA_E

ClientSampleId :

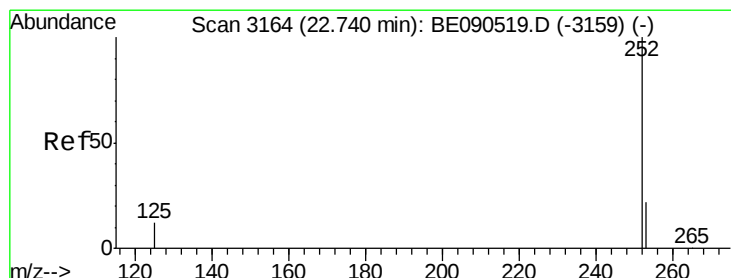
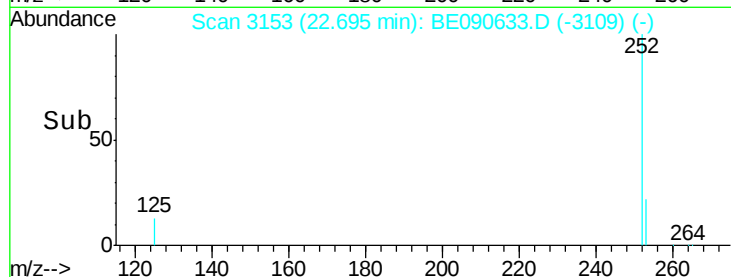
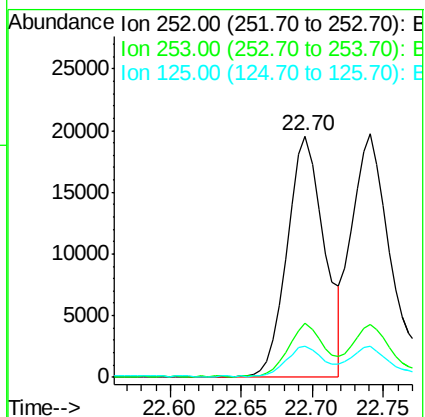
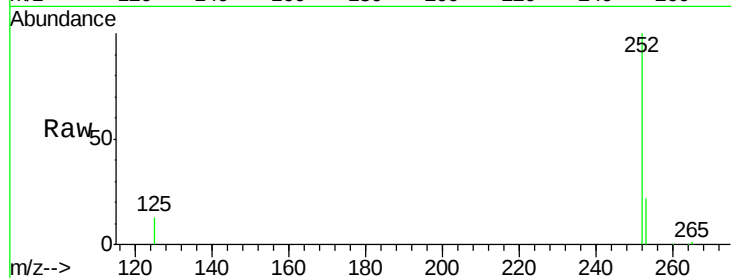
Tot Ion:252 Resp: 34769

Ion Ratio Lower Upper

252 100

253 22.3 18.1 27.1

125 13.0 9.4 14.2



#34

Benzo(k)fluoranthene

Concen: 1.00 ng

RT: 22.74 min Scan# 3163

Delta R.T. 0.00 min

Lab File: BE090633.D

Acq: 26 Aug 2015 3:01

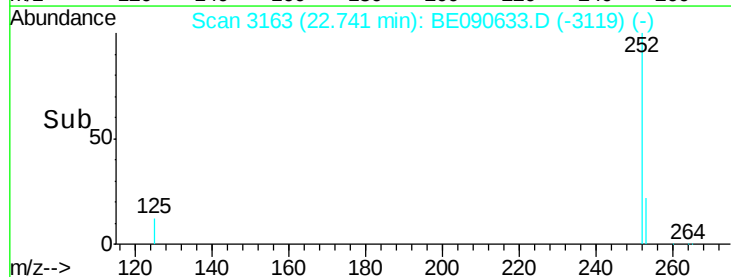
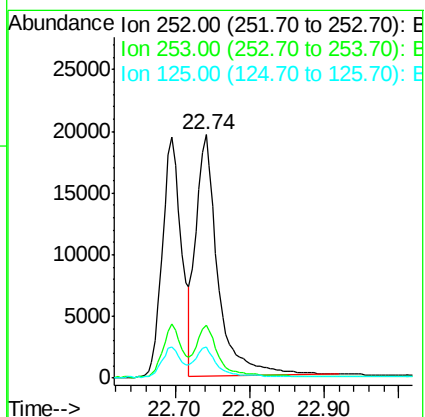
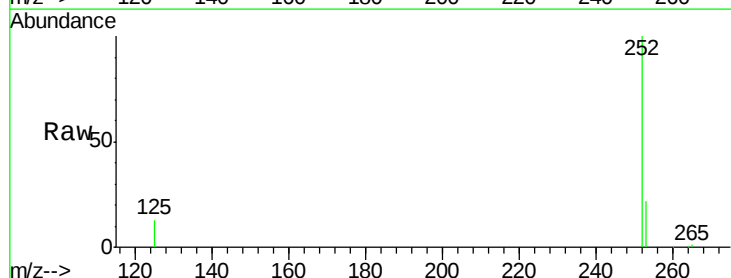
Tgt Ion:252 Resp: 40410

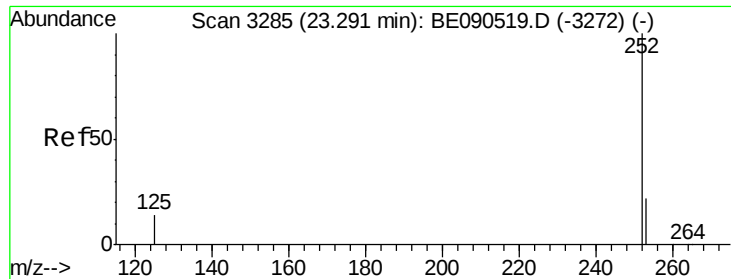
Ion Ratio Lower Upper

252 100

253 21.8 18.1 27.1

125 12.6 9.1 13.7





#35

Benzo(a)pyrene

Concen: 0.93 ng

RT: 23.29 min Scan# 3284

Delta R.T. 0.00 min

Lab File: BE090633.D

Acq: 26 Aug 2015 3:01

Instrument :

BNA_E

ClientSampleId :

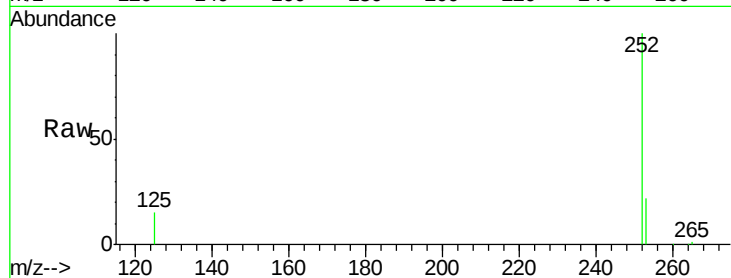
Tot Ion:252 Resp: 31192

Ion Ratio Lower Upper

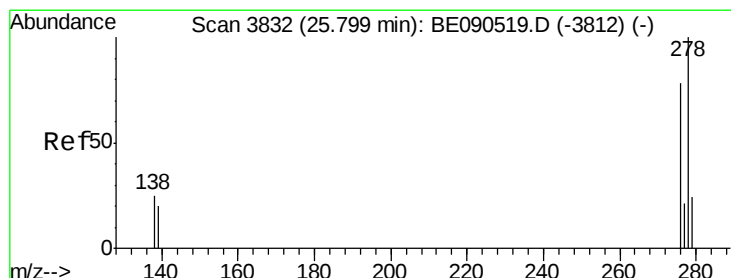
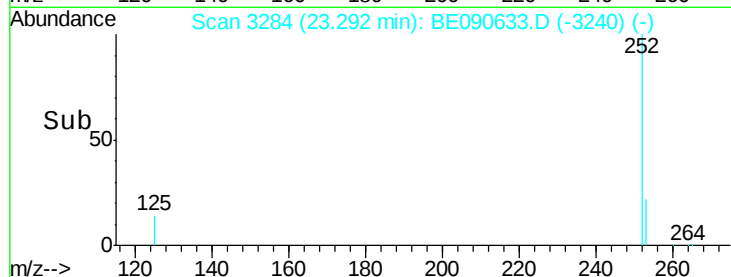
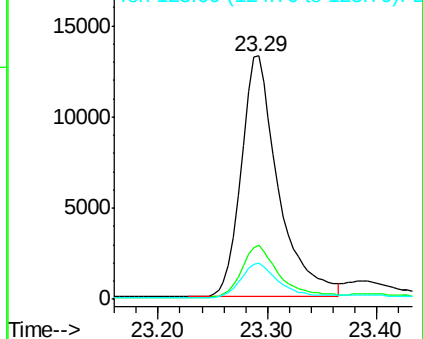
252 100

253 22.4 17.6 26.4

125 14.6 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#36

Dibenzo(a,h)anthracene

Concen: 0.90 ng

RT: 25.80 min Scan# 3832

Delta R.T. 0.00 min

Lab File: BE090633.D

Acq: 26 Aug 2015 3:01

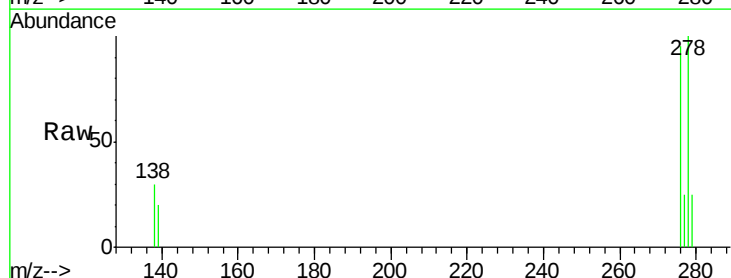
Tgt Ion:278 Resp: 28959

Ion Ratio Lower Upper

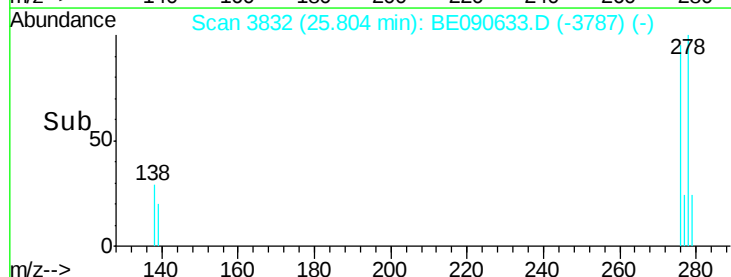
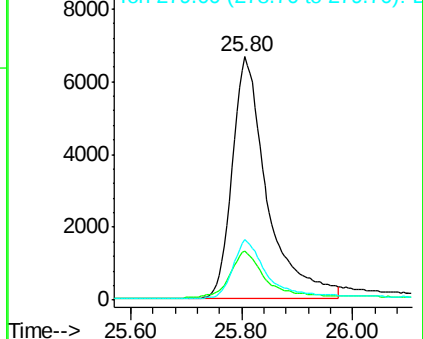
278 100

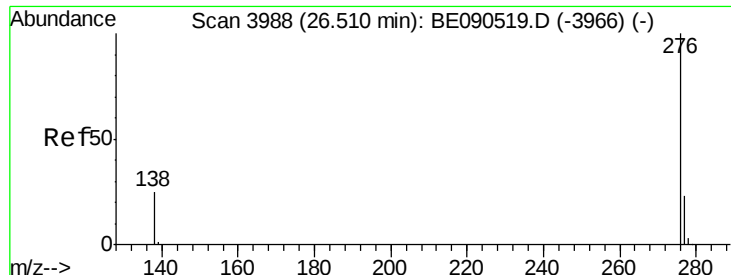
139 20.3 14.2 21.4

279 24.7 20.1 30.1



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#37

Benzo(a,h,i)perylene

Concen: 0.91 ng

RT: 26.52 min Scan# 3988

Delta R.T. 0.00 min

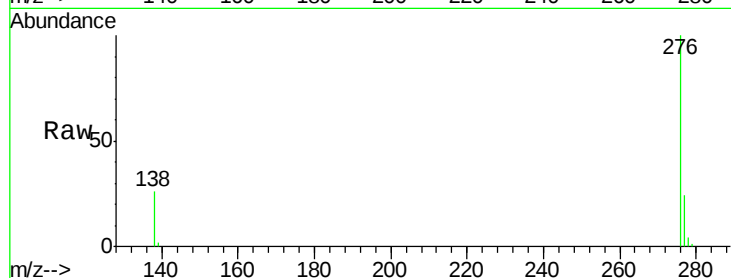
Lab File: BE090633.D

Acq: 26 Aug 2015 3:01

Instrument :

BNA_E

ClientSampleId :



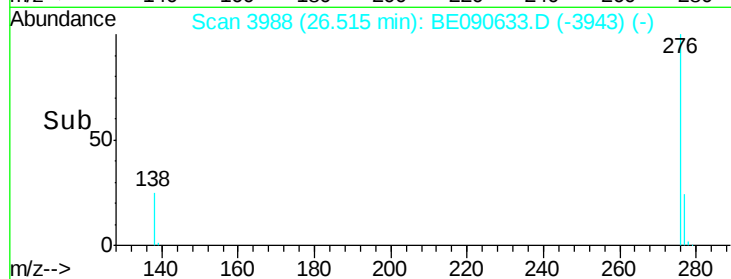
Tot Ion: 276 Resp: 32303

Ion Ratio Lower Upper

276 100

277 24.3 20.1 30.1

138 26.0 18.1 27.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

