

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE071715\
 Data File : BE090173.D
 Acq On : 18 Jul 2015 9:00
 Operator : TP/IZ
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

Quant Time: Jul 20 04:58:58 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE071715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 18 00:40:53 2015
 Response via : Initial Calibration

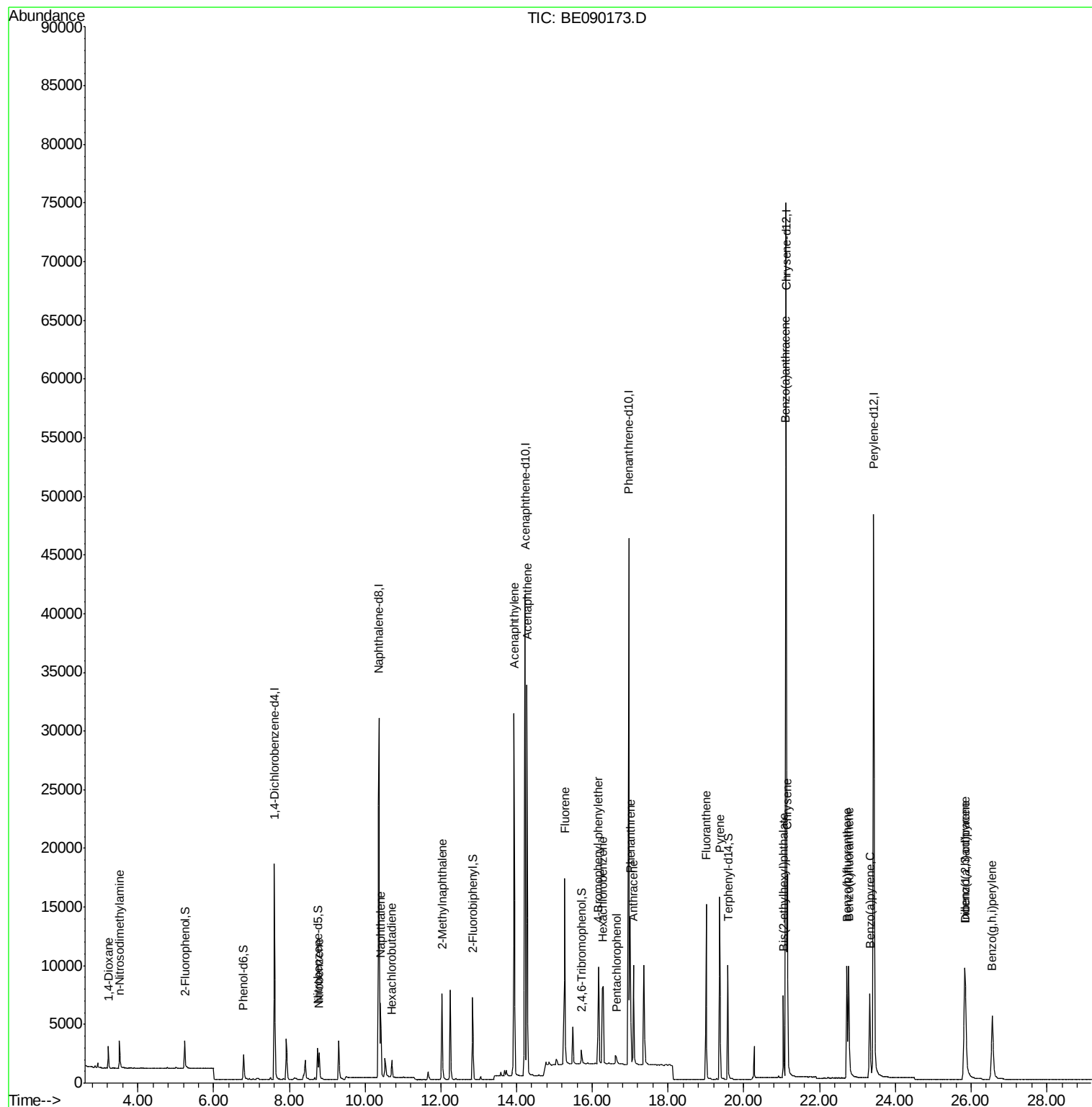
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	9109	5.00	ng	0.00
6) Naphthalene-d8	10.36	136	42488	5.00	ng	0.00
12) Acenaphthene-d10	14.22	164	23168	5.00	ng	0.00
18) Phenanthrene-d10	16.96	188	58831	5.00	ng	0.00
25) Chrysene-d12	21.11	240	66671	5.00	ng	0.00
32) Perylene-d12	23.43	264	65728	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	2025	0.95	ng	0.00
5) Phenol-d6	6.79	99	2610	0.94	ng	0.00
7) Nitrobenzene-d5	8.74	82	2633	0.93	ng	0.00
13) 2,4,6-Tribromophenol	15.73	330	448	0.82	ng	0.00
14) 2-Fluorobiphenyl	12.84	172	6708	0.98	ng	0.00
27) Terphenyl-d14	19.58	244	10703	0.96	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	1113	1.10	ng	98
3) n-Nitrosodimethylamine	3.51	42	1614	1.00	ng	# 94
8) Nitrobenzene	8.79	77	2669	0.96	ng	99
9) Naphthalene	10.41	128	8827	0.97	ng	99
10) Hexachlorobutadiene	10.71	225	1076	0.96	ng	100
11) 2-Methylnaphthalene	12.03	142	5830	0.95	ng	99
15) Acenaphthylene	13.93	152	40449	0.97	ng	100
16) Acenaphthene	14.28	154	5668	0.97	ng	95
17) Fluorene	15.27	166	7373	0.93	ng	99
19) 4-Bromophenyl-phenylether	16.16	248	2072	0.95	ng	96
20) Hexachlorobenzene	16.28	284	7206	0.93	ng	97
21) Pentachlorophenol	16.63	266	577	0.85	ng	100
22) Phenanthrene	17.00	178	12963	0.98	ng	100
23) Anthracene	17.08	178	11754	0.96	ng	100
24) Fluoranthene	19.00	202	14129	0.95	ng	100
26) Pyrene	19.36	202	14722	0.97	ng	100
28) Benzo(a)anthracene	21.10	228	14131	0.93	ng	99
29) Chrysene	21.15	228	14881	0.97	ng	98
30) Bis(2-ethylhexyl)phthalate	21.05	149	5769	0.74	ng	99
31) Indeno(1,2,3-cd)pyrene	25.83	276	15541	0.86	ng	100
33) Benzo(b)fluoranthene	22.72	252	12801	0.93	ng	100
34) Benzo(k)fluoranthene	22.77	252	15062	0.96	ng	100
35) Benzo(a)pyrene	23.32	252	12121	0.91	ng	99
36) Dibenzo(a,h)anthracene	25.85	278	12386	0.88	ng	99
37) Benzo(g,h,i)perylene	26.56	276	13134	0.91	ng	98

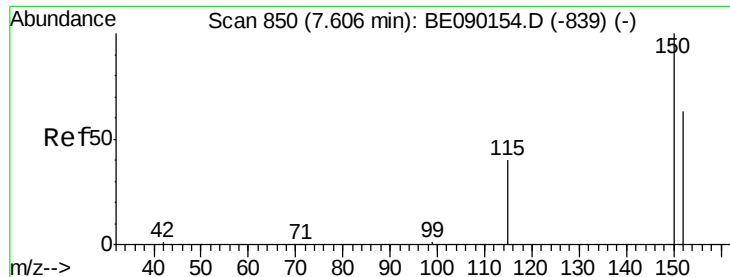
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.61 min Scan# 850

Delta R.T. -0.00 min

Lab File: BE090173.D

Acq: 18 Jul 2015 9:00

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

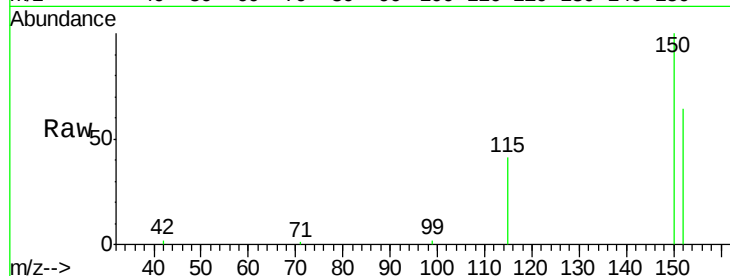
Tgt Ion:152 Resp: 9109

Ion Ratio Lower Upper

152 100

150 156.4 127.2 190.8

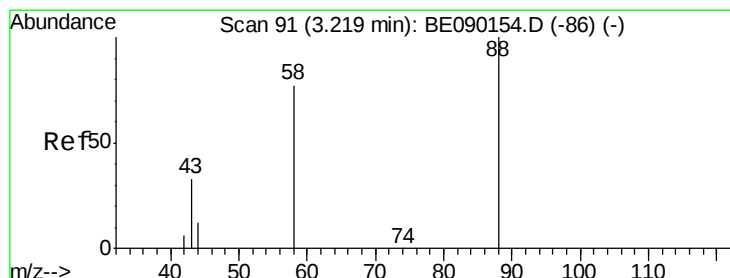
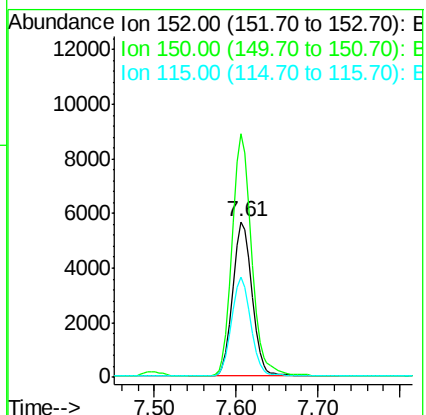
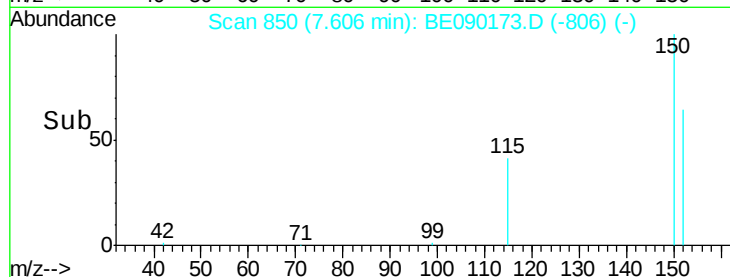
115 64.3 51.6 77.4



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: 3.22 min Scan# 92

Delta R.T. 0.00 min

Lab File: BE090173.D

Acq: 18 Jul 2015 9:00

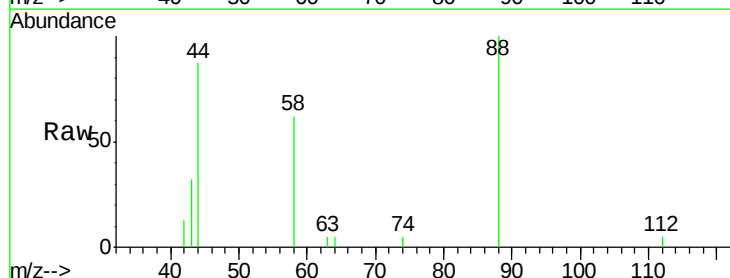
Tgt Ion: 88 Resp: 1113

Ion Ratio Lower Upper

88 100

58 74.5 58.2 87.2

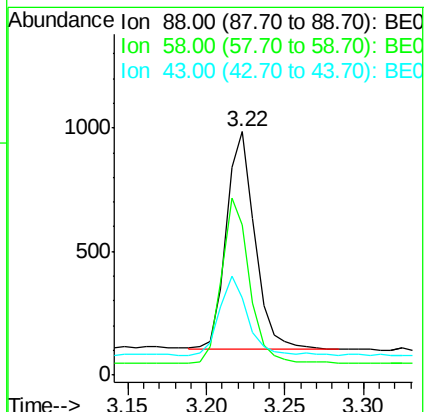
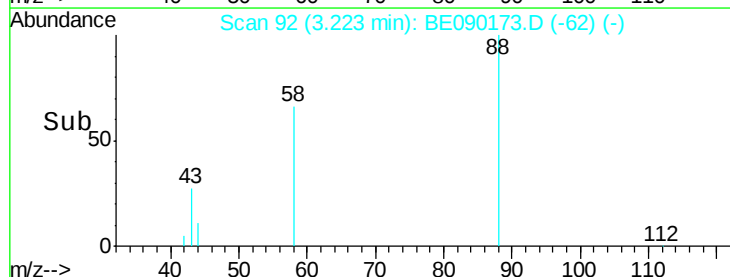
43 35.6 27.7 41.5

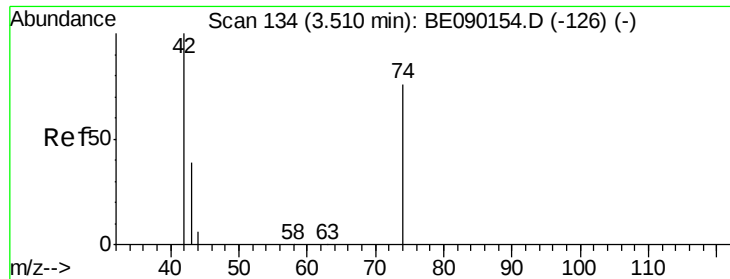


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 1.00 ng

RT: 3.51 min Scan# 135

Delta R.T. 0.00 min

Lab File: BE090173.D

Acq: 18 Jul 2015 9:00

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

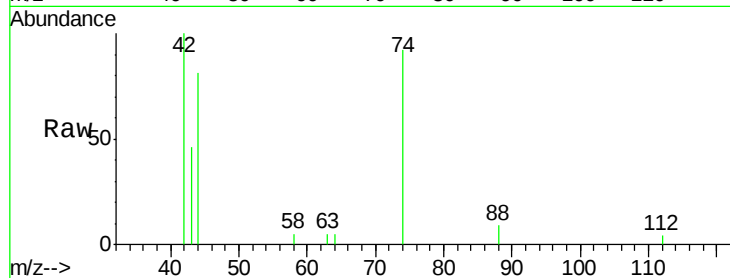
Tgt Ion: 42 Resp: 1614

Ion Ratio Lower Upper

42 100

74 97.3 82.2 123.4

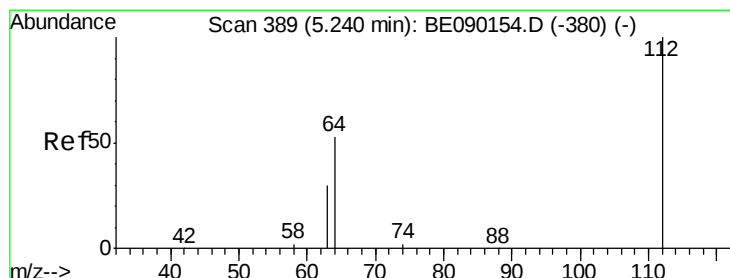
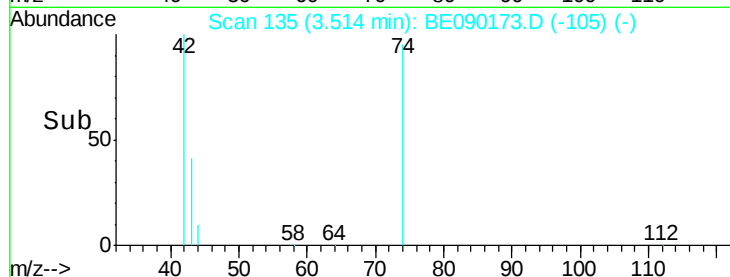
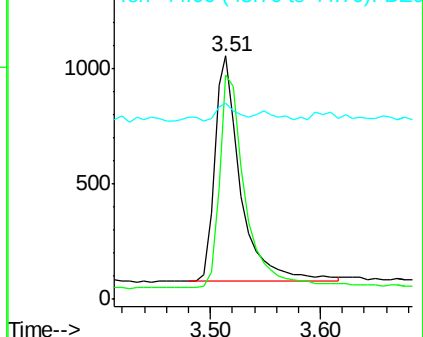
44 6.3 7.5 11.3#



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: 0.95 ng

RT: 5.24 min Scan# 389

Delta R.T. -0.00 min

Lab File: BE090173.D

Acq: 18 Jul 2015 9:00

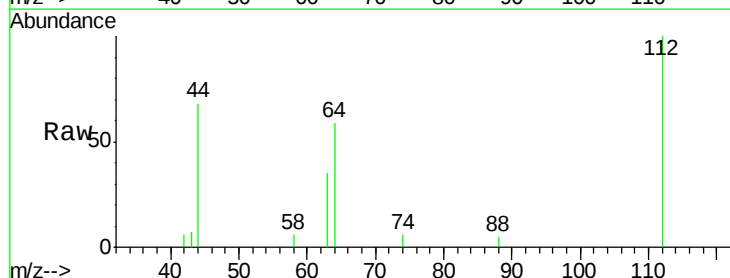
Tgt Ion: 112 Resp: 2025

Ion Ratio Lower Upper

112 100

64 58.9 46.7 70.1

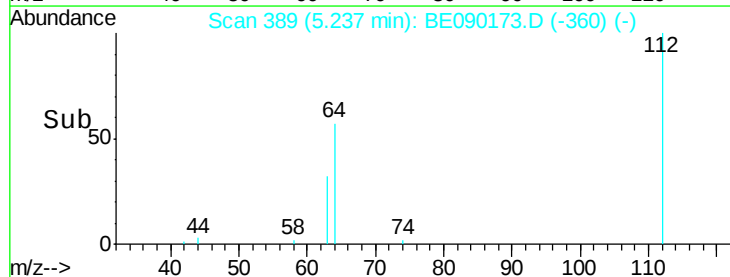
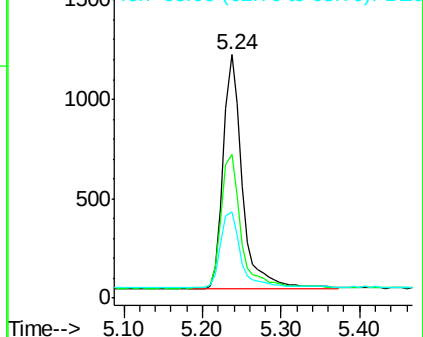
63 33.1 27.3 40.9

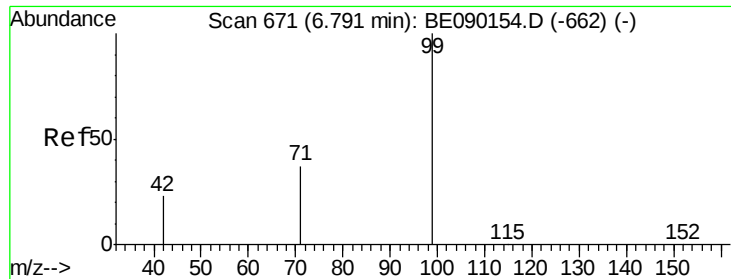


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.94 ng

RT: 6.79 min Scan# 671

Delta R.T. -0.00 min

Lab File: BE090173.D

Acq: 18 Jul 2015 9:00

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

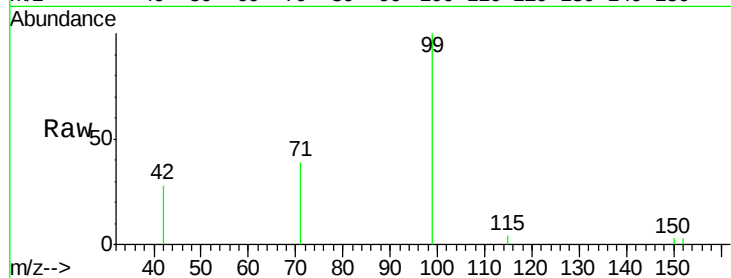
Tgt Ion: 99 Resp: 2610

Ion Ratio Lower Upper

99 100

42 24.7 19.1 28.7

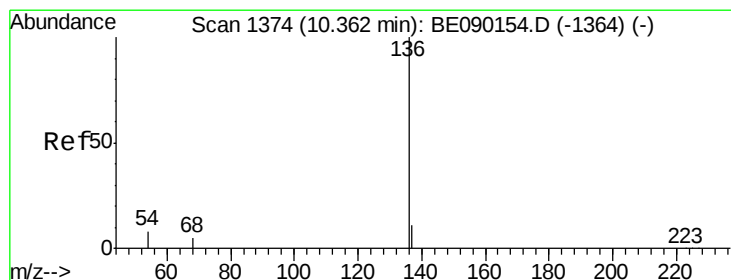
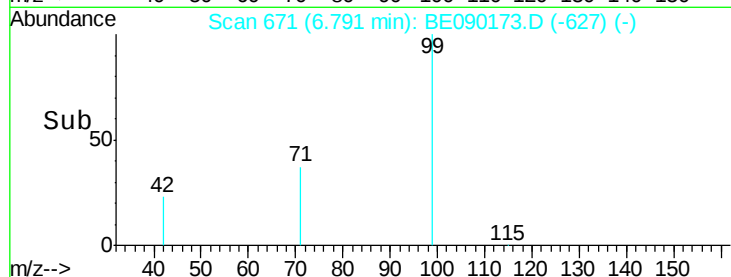
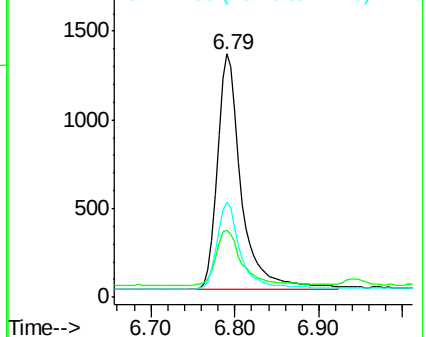
71 36.1 29.4 44.2



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.36 min Scan# 1374

Delta R.T. -0.00 min

Lab File: BE090173.D

Acq: 18 Jul 2015 9:00

Tgt Ion: 136 Resp: 42488

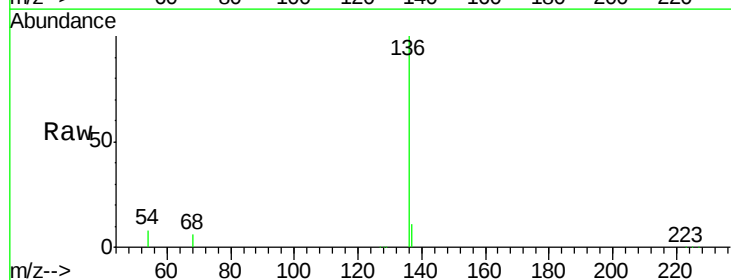
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.9 6.3 9.5

68 5.5 4.3 6.5

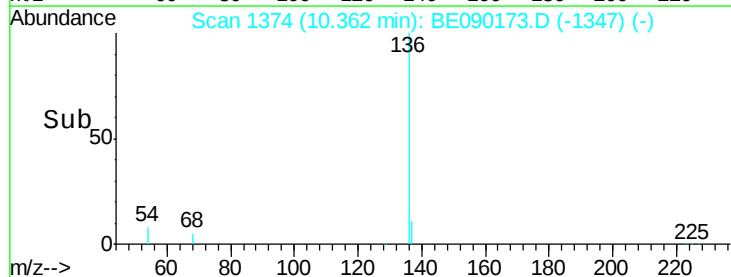
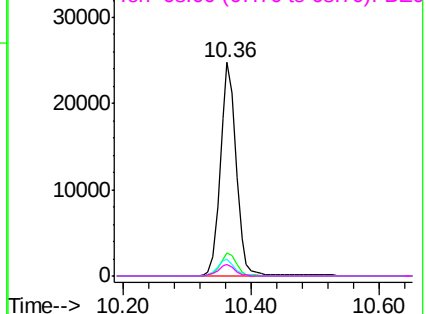


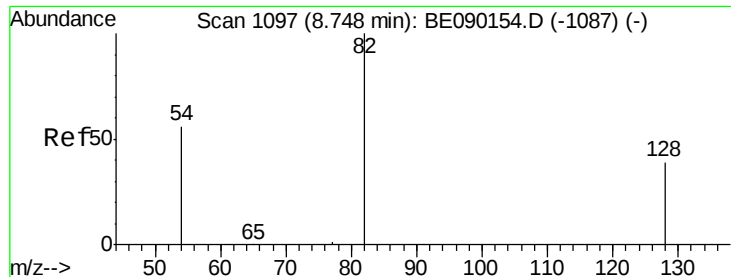
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.93 ng

RT: 8.74 min Scan# 1096

Delta R.T. -0.00 min

Lab File: BE090173.D

Acq: 18 Jul 2015 9:00

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

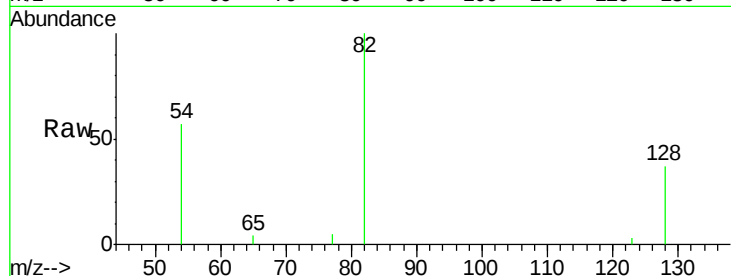
Tgt Ion: 82 Resp: 2633

Ion Ratio Lower Upper

82 100

128 36.7 32.7 49.1

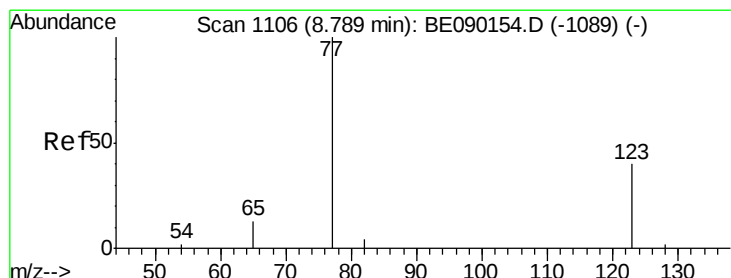
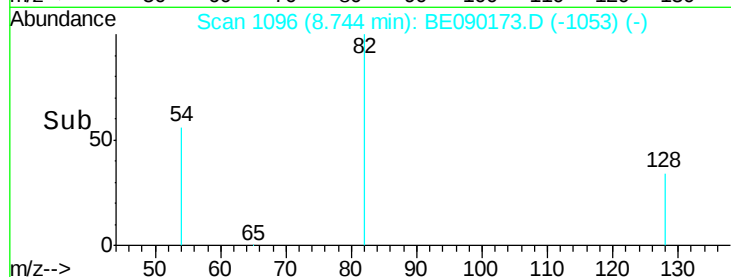
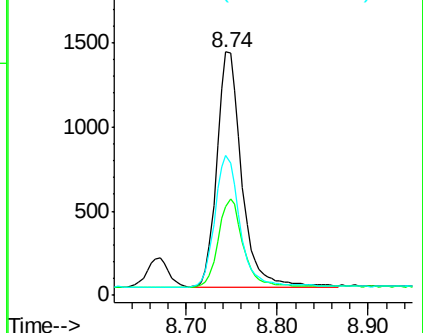
54 57.4 45.9 68.9



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: 0.96 ng

RT: 8.79 min Scan# 1106

Delta R.T. 0.00 min

Lab File: BE090173.D

Acq: 18 Jul 2015 9:00

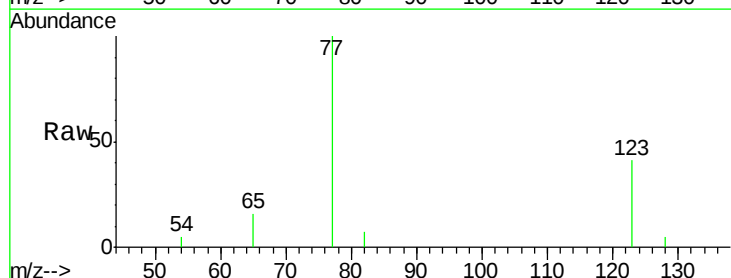
Tgt Ion: 77 Resp: 2669

Ion Ratio Lower Upper

77 100

123 39.2 32.3 48.5

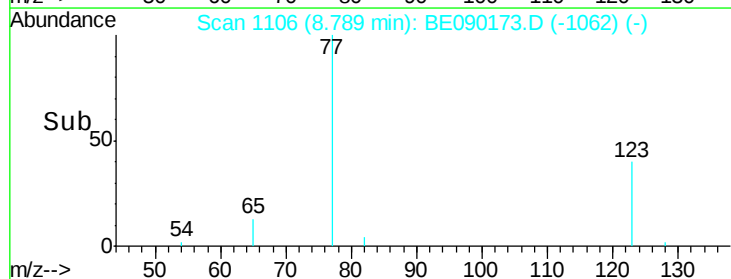
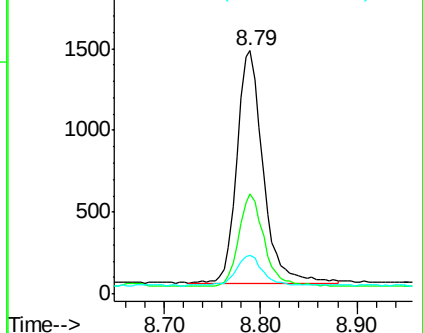
65 13.0 10.4 15.6

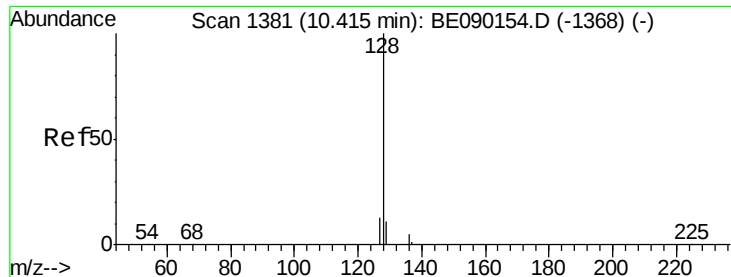


Abundance Ion 77.00 (76.70 to 77.70): BE0

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: 10.41 min Scan# 1381

Delta R.T. -0.00 min

Lab File: BE090173.D

Acq: 18 Jul 2015 9:00

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ClientSampleId :

SSTDCCC001

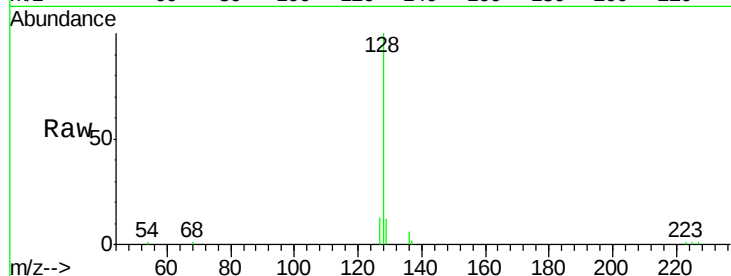
Tgt Ion:128 Resp: 8827

Ion Ratio Lower Upper

128 100

129 11.7 9.8 14.6

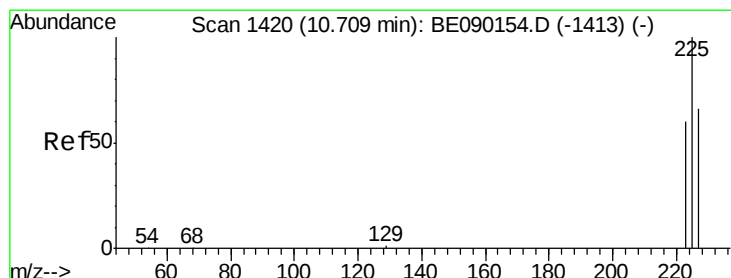
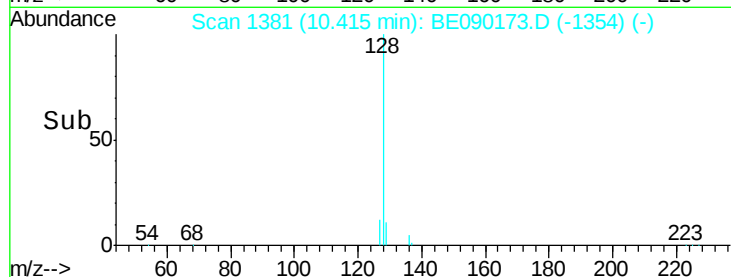
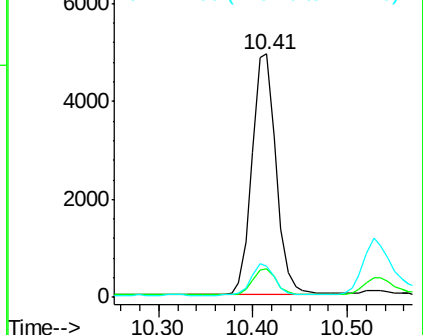
127 12.8 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.96 ng

RT: 10.71 min Scan# 1420

Delta R.T. -0.00 min

Lab File: BE090173.D

Acq: 18 Jul 2015 9:00

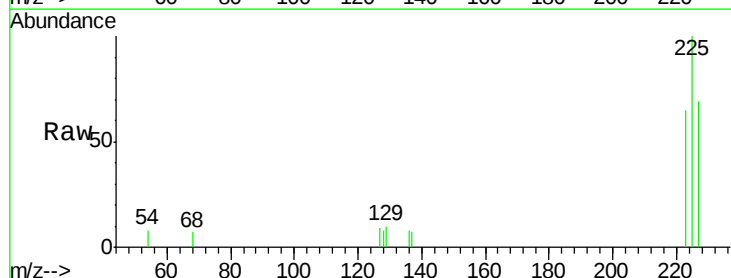
Tgt Ion:225 Resp: 1076

Ion Ratio Lower Upper

225 100

223 62.6 50.3 75.5

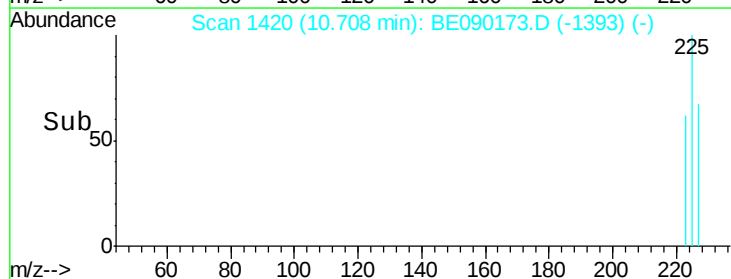
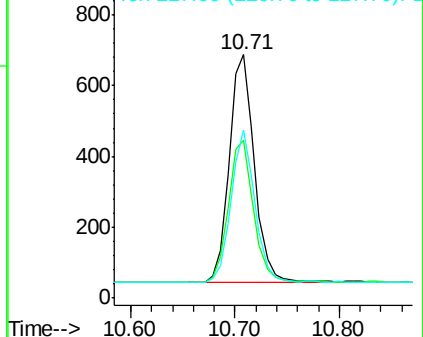
227 64.0 51.3 76.9

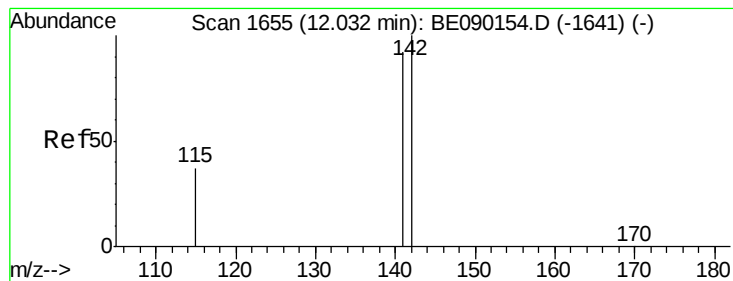


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

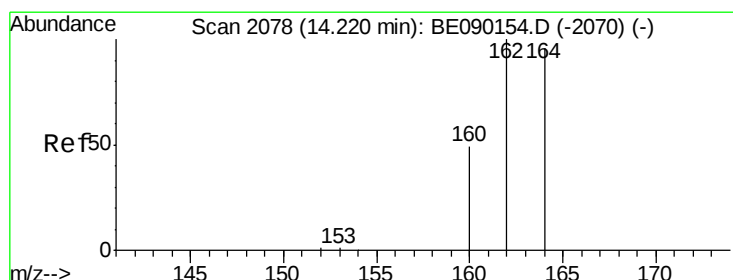
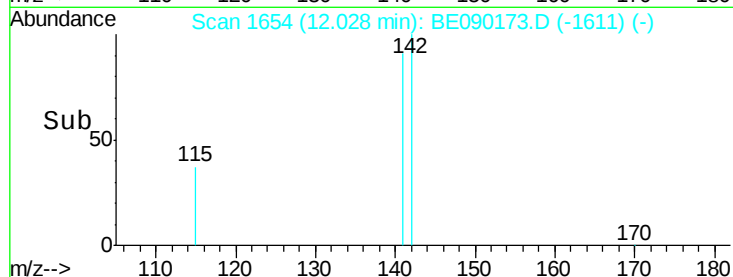
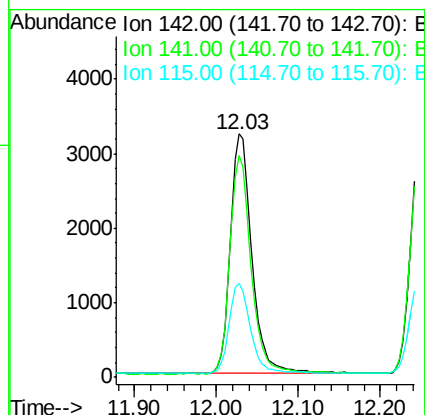
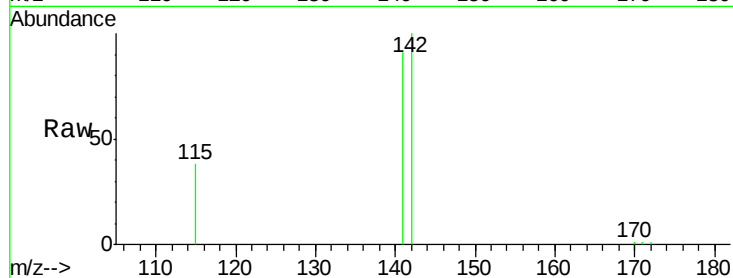




#11
2-Methylnaphthalene
Concen: 0.95 ng
RT: 12.03 min Scan# 1654
Delta R.T. -0.00 min
Lab File: BE090173.D
Acq: 18 Jul 2015 9:00

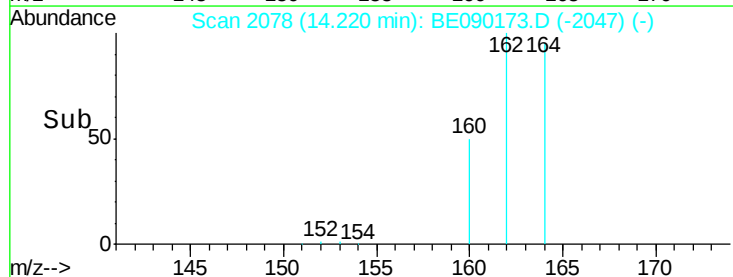
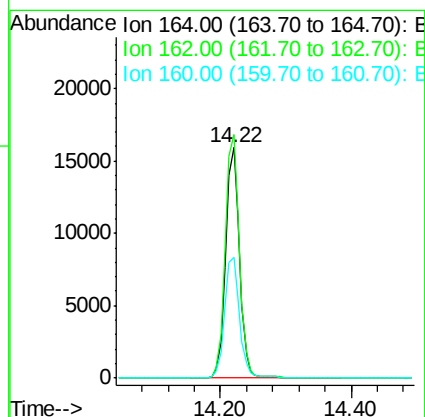
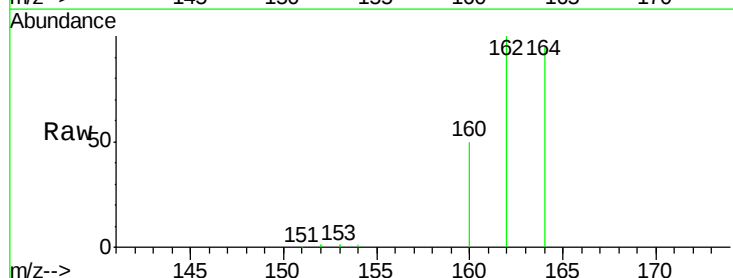
Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

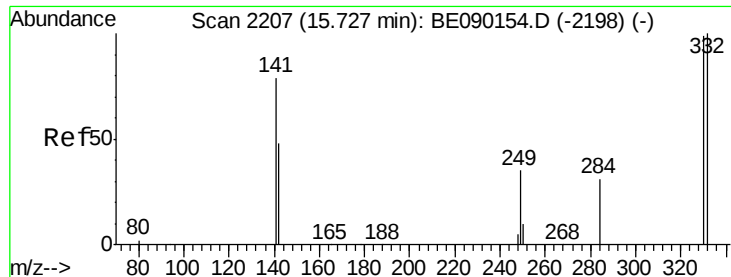
Tgt Ion:142 Resp: 5830
Ion Ratio Lower Upper
142 100
141 91.1 73.9 110.9
115 38.5 30.0 45.0



#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.22 min Scan# 2078
Delta R.T. 0.00 min
Lab File: BE090173.D
Acq: 18 Jul 2015 9:00

Tgt Ion:164 Resp: 23168
Ion Ratio Lower Upper
164 100
162 105.8 83.3 124.9
160 52.5 40.9 61.3

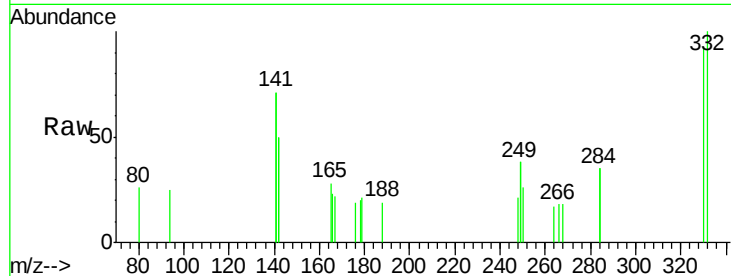




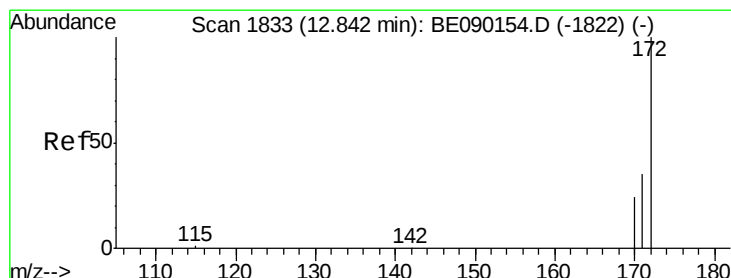
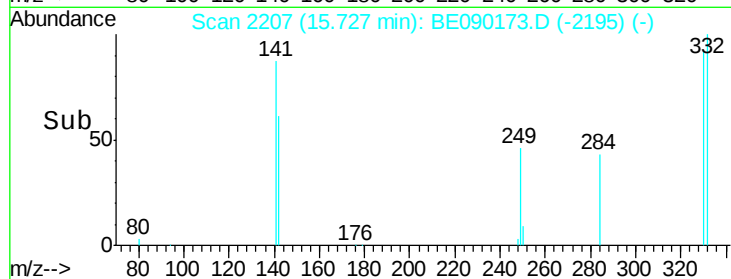
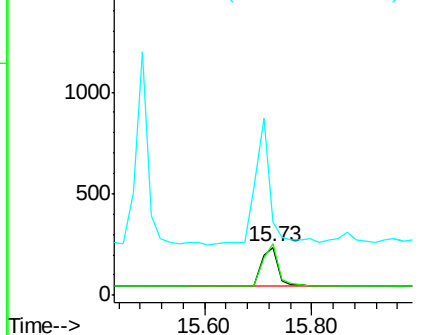
#13
 2,4,6-Tribromophenol
 Concen: 0.82 ng
 RT: 15.73 min Scan# 2207
 Delta R.T. 0.00 min
 Lab File: BE090173.D
 Acq: 18 Jul 2015 9:00

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

Tgt Ion: 330 Resp: 448
 Ion Ratio Lower Upper
 330 100
 332 98.7 78.2 117.2
 141 281.5 215.8 323.6

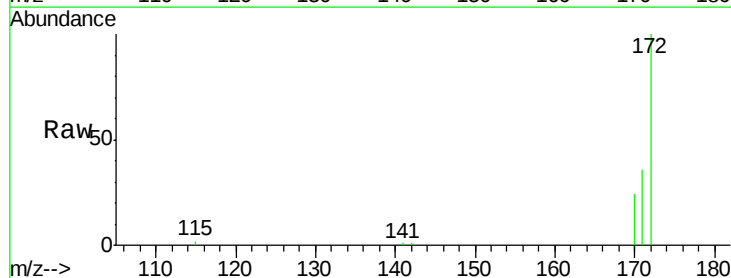


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

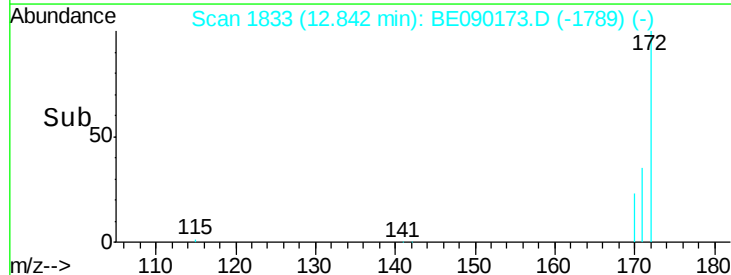
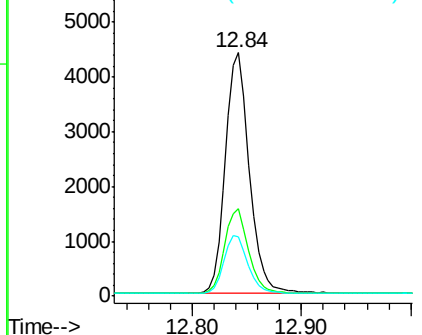


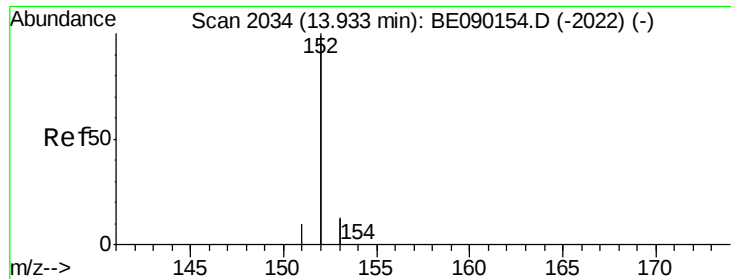
#14
 2-Fluorobiphenyl
 Concen: 0.98 ng
 RT: 12.84 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: BE090173.D
 Acq: 18 Jul 2015 9:00

Tgt Ion: 172 Resp: 6708
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.5 42.7
 170 24.1 19.7 29.5



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: 0.97 ng

RT: 13.93 min Scan# 2034

Delta R.T. 0.00 min

Lab File: BE090173.D

Acq: 18 Jul 2015 9:00

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

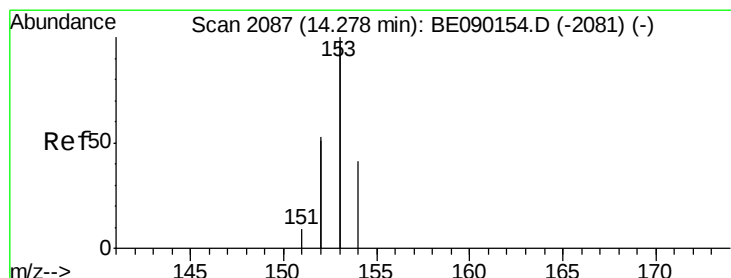
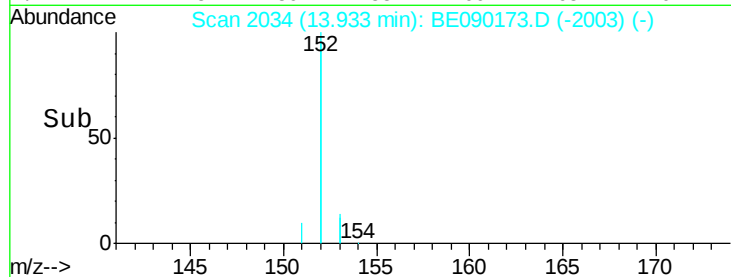
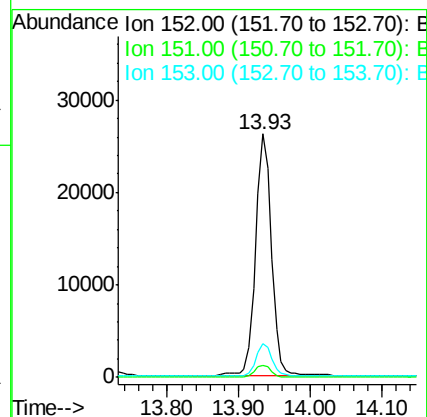
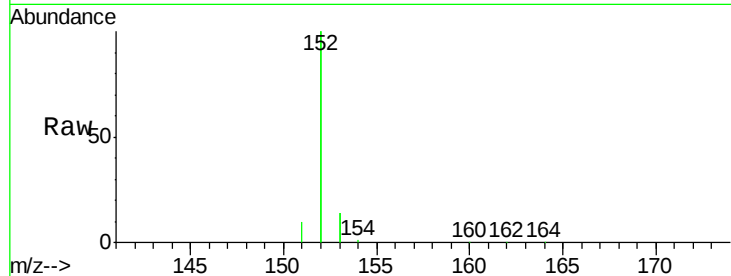
Tgt Ion:152 Resp: 40449

Ion Ratio Lower Upper

152 100

151 4.9 4.0 6.0

153 13.2 10.4 15.6



#16

Acenaphthene

Concen: 0.97 ng

RT: 14.28 min Scan# 2087

Delta R.T. 0.00 min

Lab File: BE090173.D

Acq: 18 Jul 2015 9:00

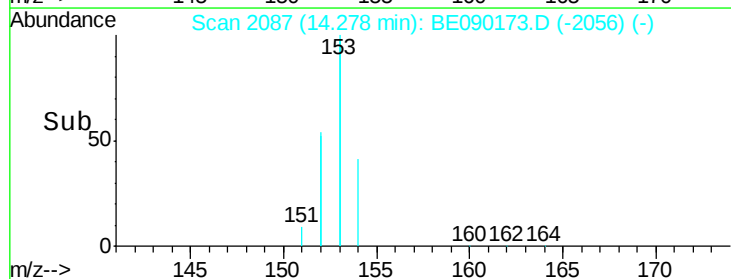
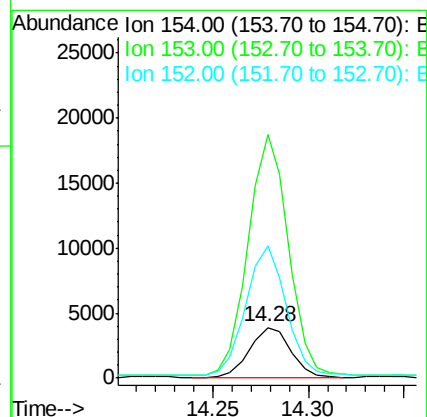
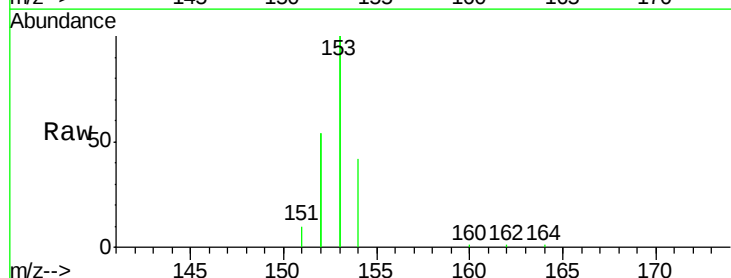
Tgt Ion:154 Resp: 5668

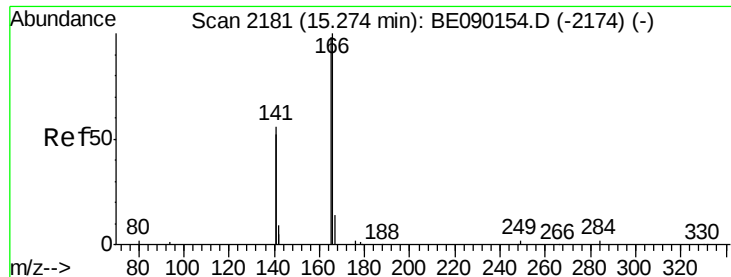
Ion Ratio Lower Upper

154 100

153 481.5 376.9 565.3

152 258.5 199.0 298.6

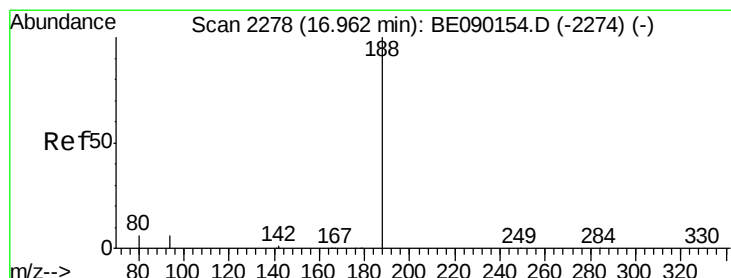
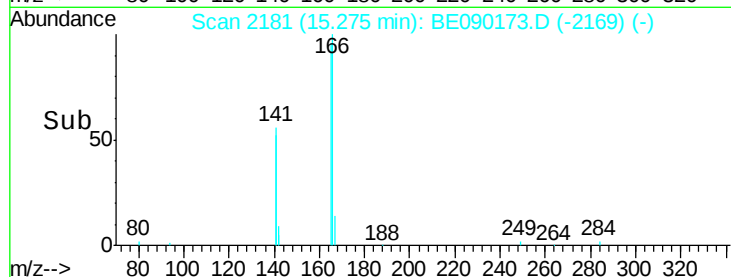
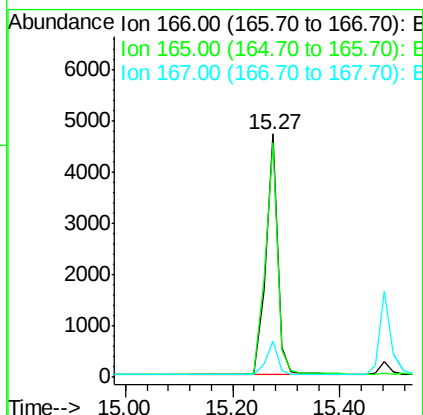
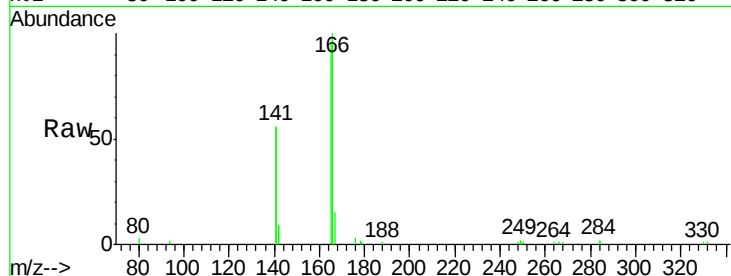




#17
Fluorene
 Concen: 0.93 ng
 RT: 15.27 min Scan# 2181
 Delta R.T. 0.00 min
 Lab File: BE090173.D
 Acq: 18 Jul 2015 9:00

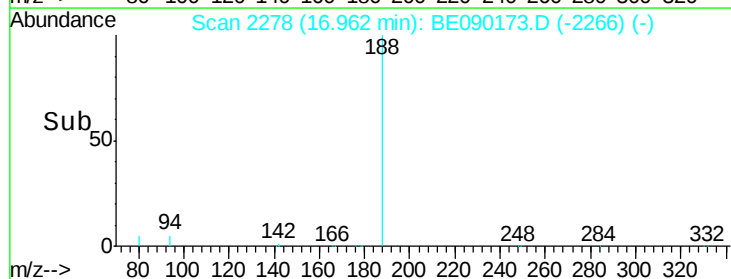
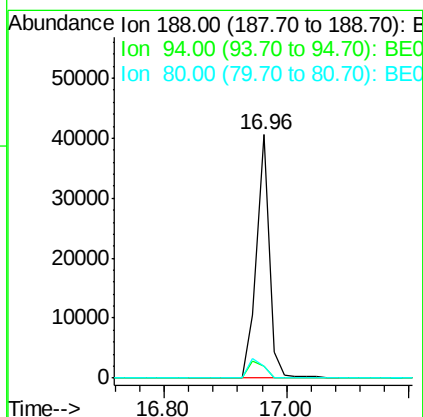
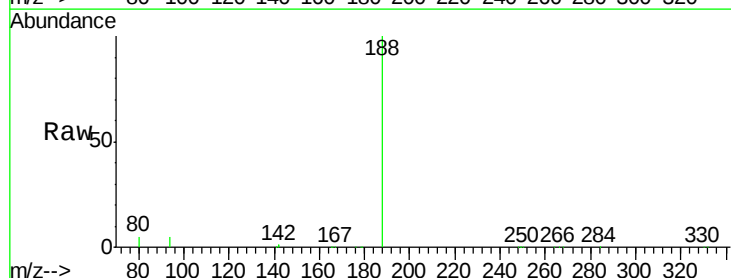
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

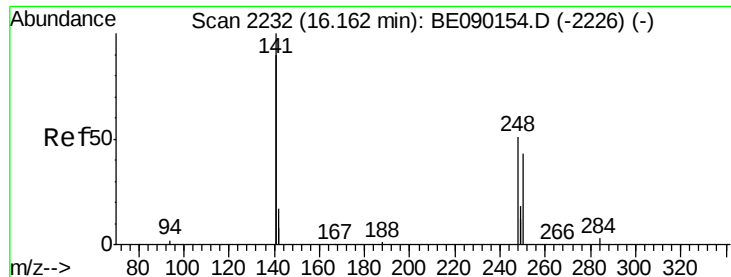
Tgt Ion:166 Resp: 7373
 Ion Ratio Lower Upper
 166 100
 165 100.4 81.5 122.3
 167 14.5 11.9 17.9



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 16.96 min Scan# 2278
 Delta R.T. 0.00 min
 Lab File: BE090173.D
 Acq: 18 Jul 2015 9:00

Tgt Ion:188 Resp: 58831
 Ion Ratio Lower Upper
 188 100
 94 4.9 4.6 7.0
 80 4.9 4.6 6.8





#19

4-Bromophenyl-phenylether

Concen: 0.95 ng

RT: 16.16 min Scan# 2232

Delta R.T. 0.00 min

Lab File: BE090173.D

Acq: 18 Jul 2015 9:00

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

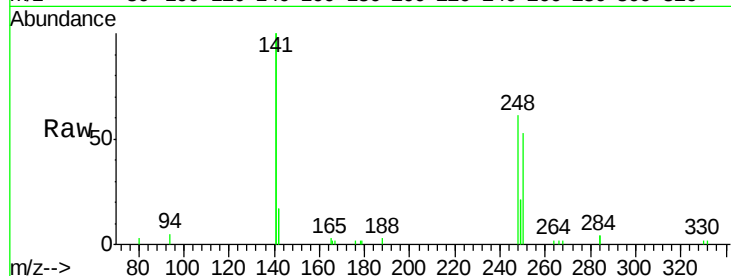
Tgt Ion:248 Resp: 2072

Ion Ratio Lower Upper

248 100

250 95.9 77.4 116.0

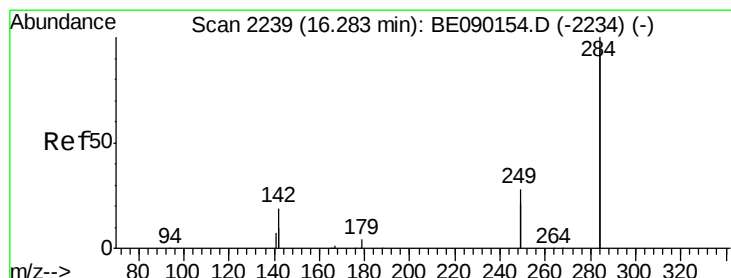
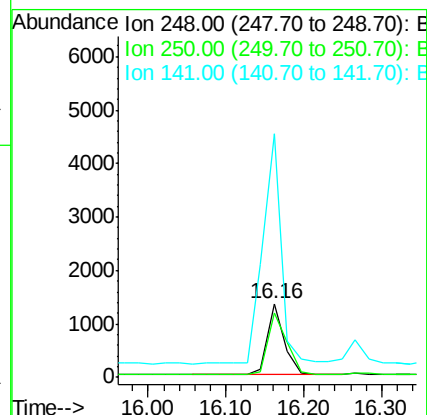
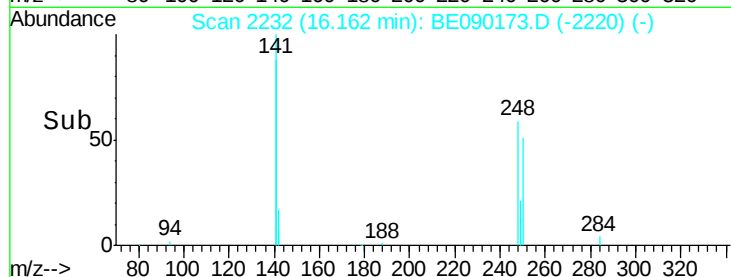
141 340.9 281.3 421.9



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: 0.93 ng

RT: 16.28 min Scan# 2239

Delta R.T. 0.00 min

Lab File: BE090173.D

Acq: 18 Jul 2015 9:00

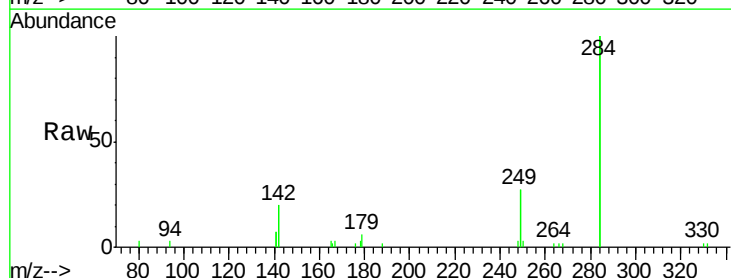
Tgt Ion:284 Resp: 7206

Ion Ratio Lower Upper

284 100

142 55.1 42.2 63.2

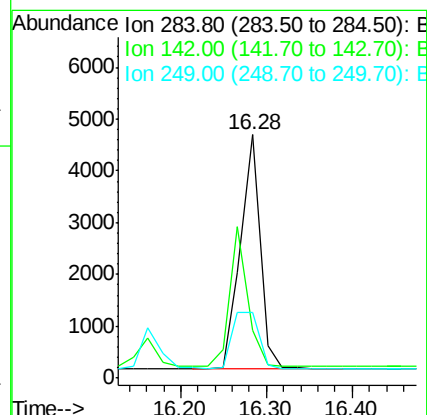
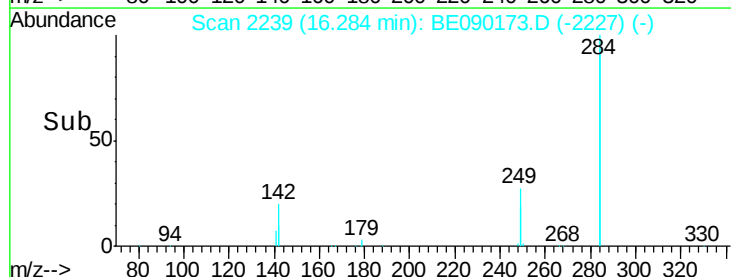
249 32.6 25.5 38.3

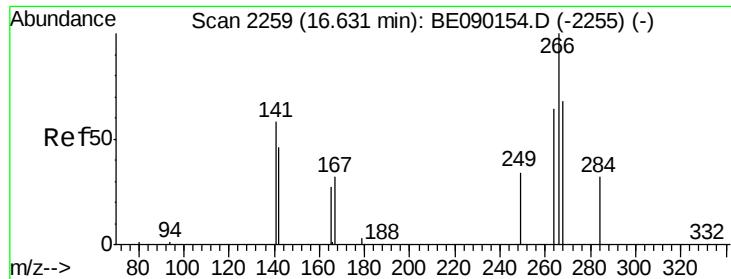


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

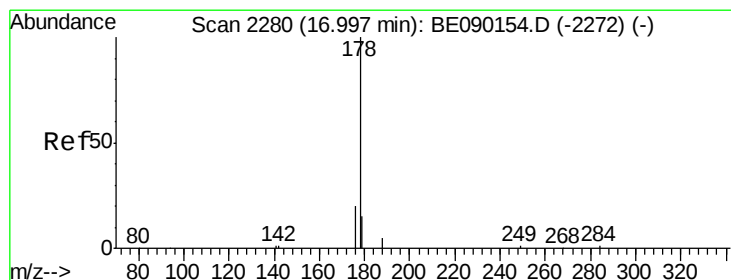
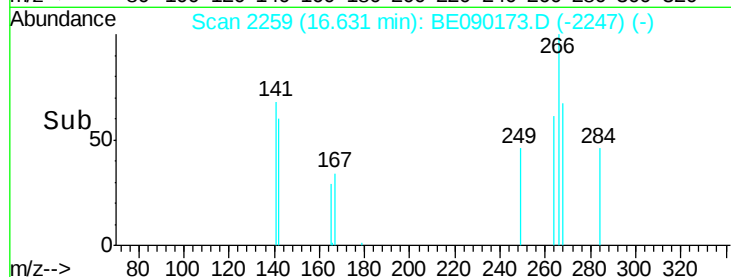
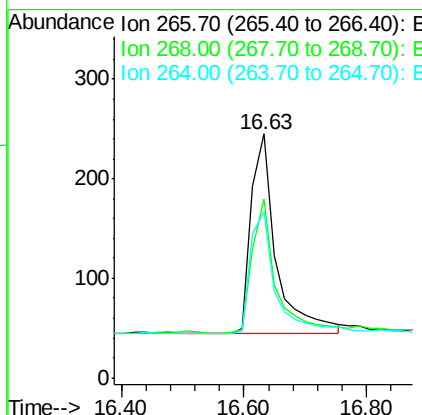
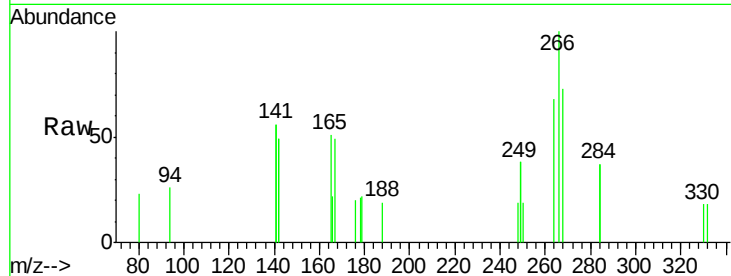




#21
 Pentachlorophenol
 Concen: 0.85 ng
 RT: 16.63 min Scan# 2259
 Delta R.T. 0.00 min
 Lab File: BE090173.D
 Acq: 18 Jul 2015 9:00

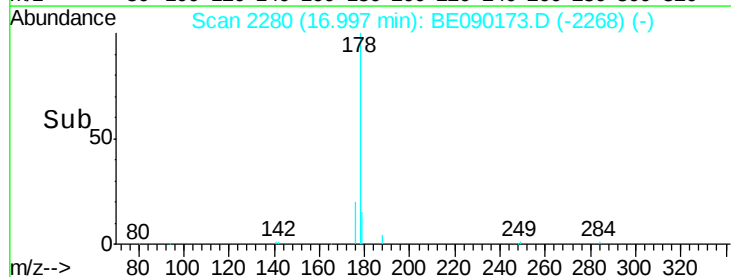
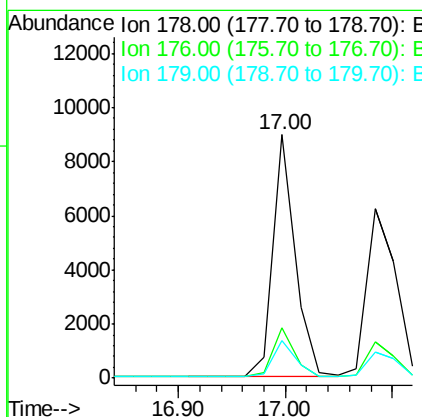
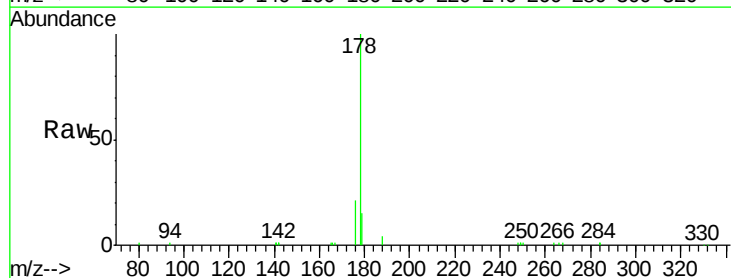
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

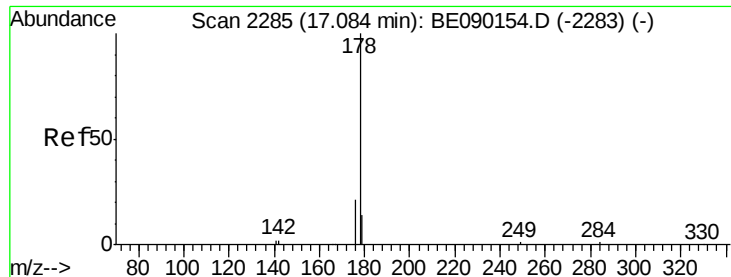
Tgt Ion: 266 Resp: 577
 Ion Ratio Lower Upper
 266 100
 268 73.1 58.2 87.4
 264 68.2 55.0 82.4



#22
 Phenanthrene
 Concen: 0.98 ng
 RT: 17.00 min Scan# 2280
 Delta R.T. 0.00 min
 Lab File: BE090173.D
 Acq: 18 Jul 2015 9:00

Tgt Ion: 178 Resp: 12963
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.9 23.9
 179 15.6 12.5 18.7





#23

Anthracene

Concen: 0.96 ng

RT: 17.08 min Scan# 2285

Delta R.T. 0.00 min

Lab File: BE090173.D

Acq: 18 Jul 2015 9:00

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

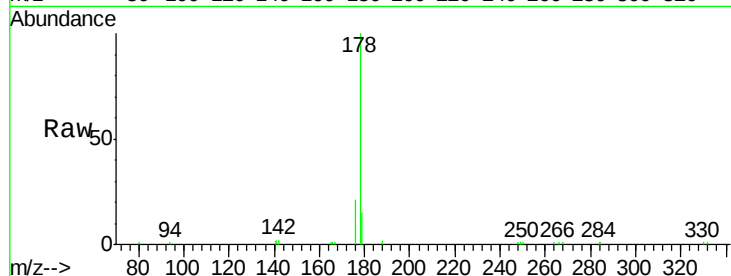
Tgt Ion:178 Resp: 11754

Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.2

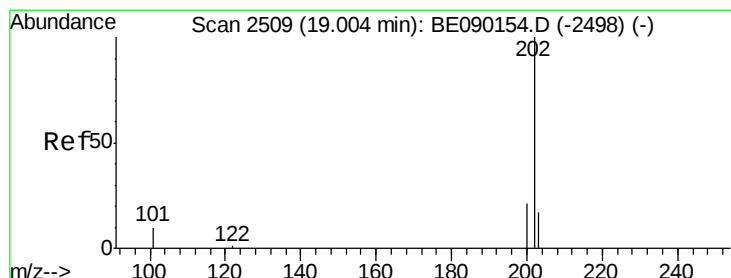
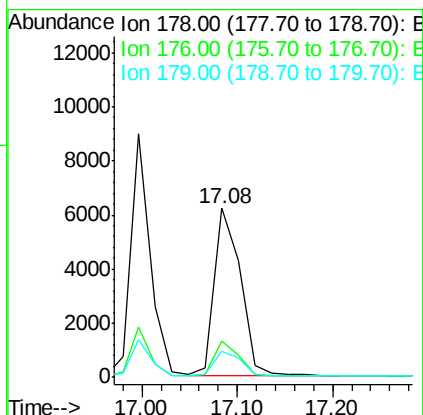
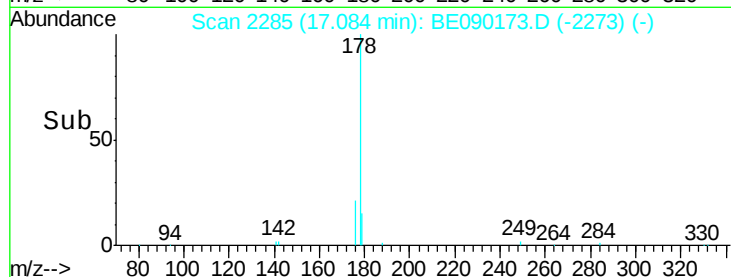
179 15.3 12.2 18.2



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



#24

Fluoranthene

Concen: 0.95 ng

RT: 19.00 min Scan# 2509

Delta R.T. 0.00 min

Lab File: BE090173.D

Acq: 18 Jul 2015 9:00

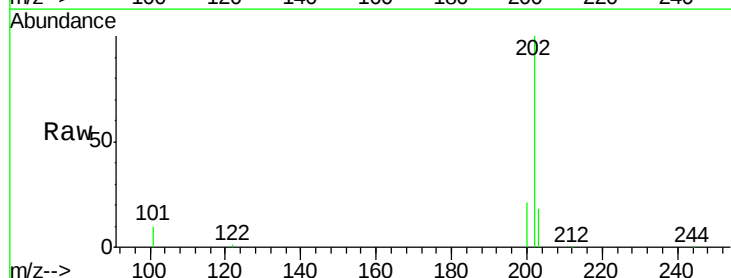
Tgt Ion:202 Resp: 14129

Ion Ratio Lower Upper

202 100

101 10.6 8.5 12.7

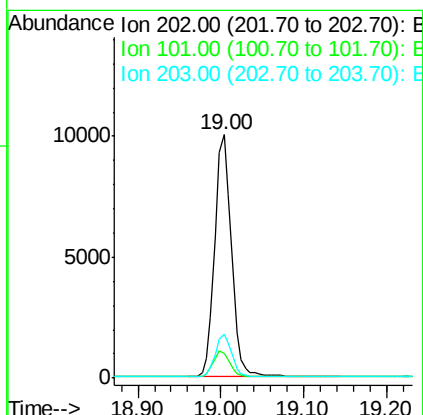
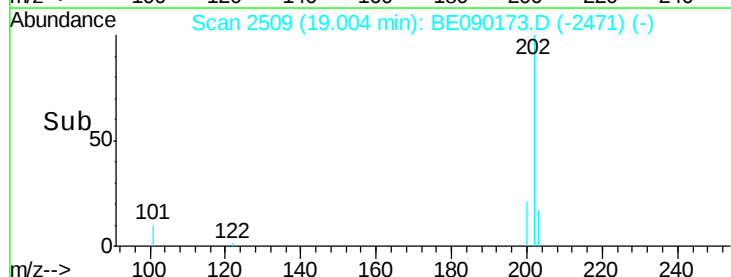
203 17.2 13.9 20.9

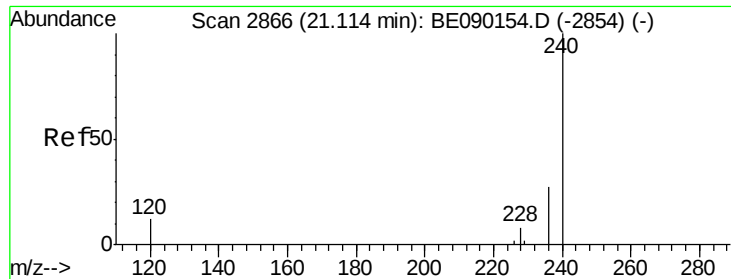


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

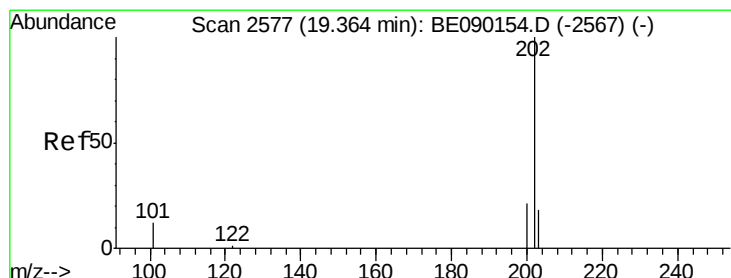
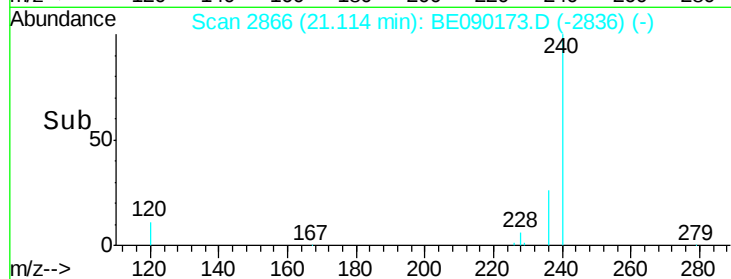
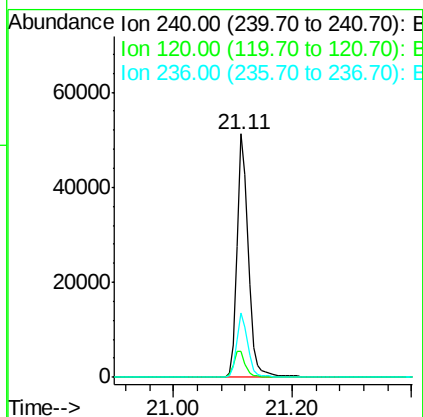
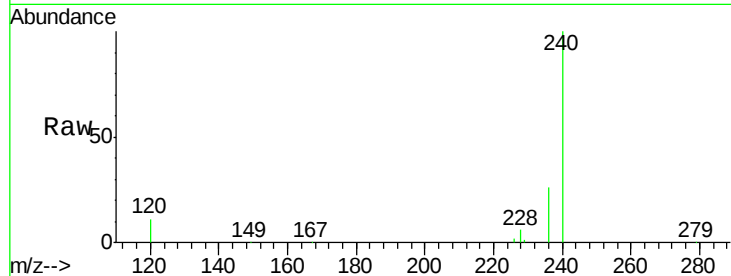




#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.11 min Scan# 2866
Delta R.T. 0.00 min
Lab File: BE090173.D
Acq: 18 Jul 2015 9:00

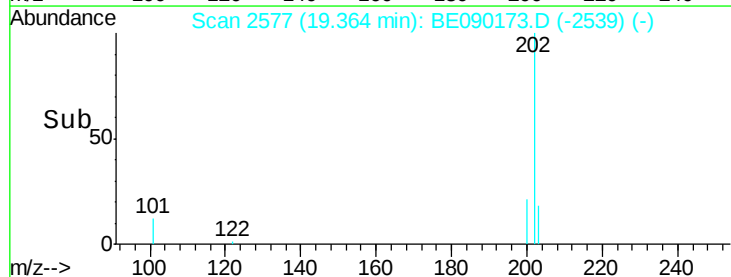
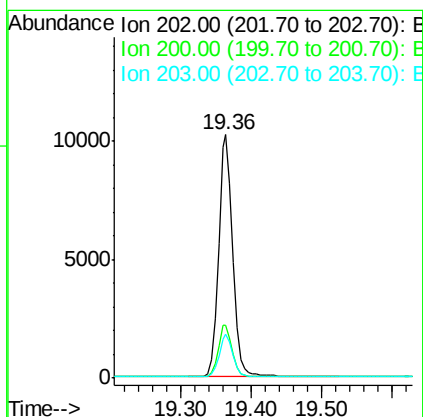
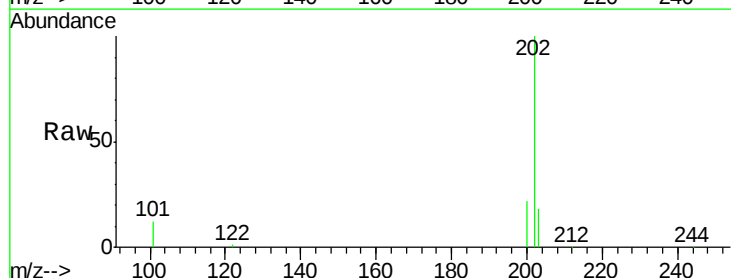
Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

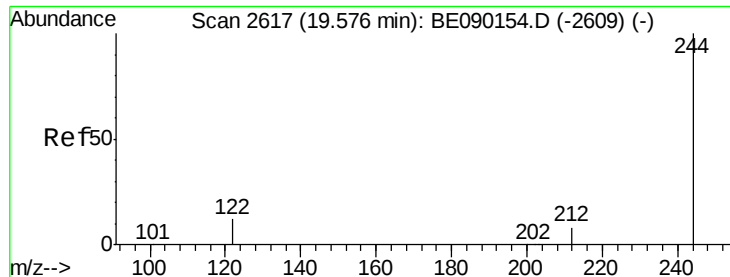
Tgt Ion:240 Resp: 66671
Ion Ratio Lower Upper
240 100
120 10.7 9.4 14.0
236 26.3 21.8 32.8



#26
Pyrene
Concen: 0.97 ng
RT: 19.36 min Scan# 2577
Delta R.T. 0.00 min
Lab File: BE090173.D
Acq: 18 Jul 2015 9:00

Tgt Ion:202 Resp: 14722
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.6
203 17.5 14.1 21.1

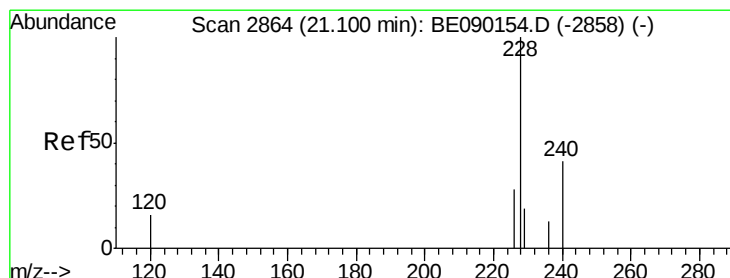
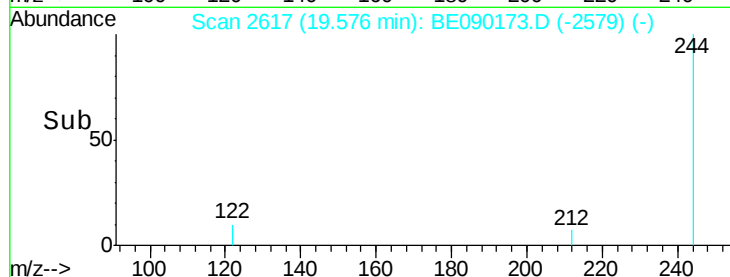
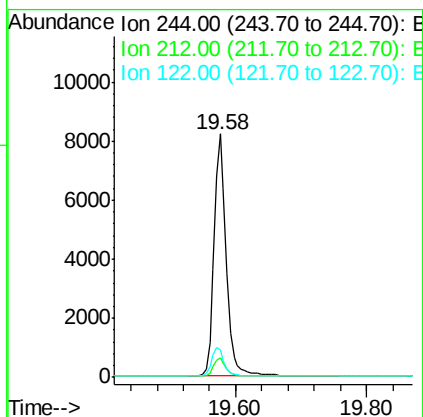
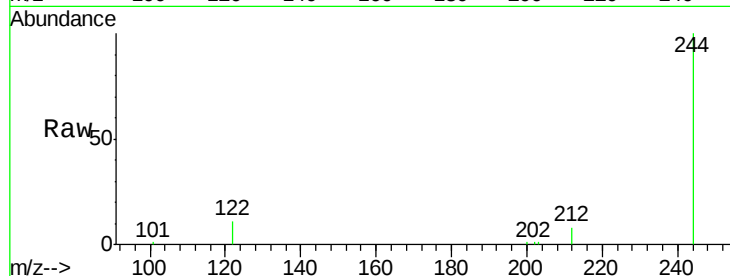




#27
 Terphenyl-d14
 Concen: 0.96 ng
 RT: 19.58 min Scan# 2617
 Delta R.T. 0.00 min
 Lab File: BE090173.D
 Acq: 18 Jul 2015 9:00

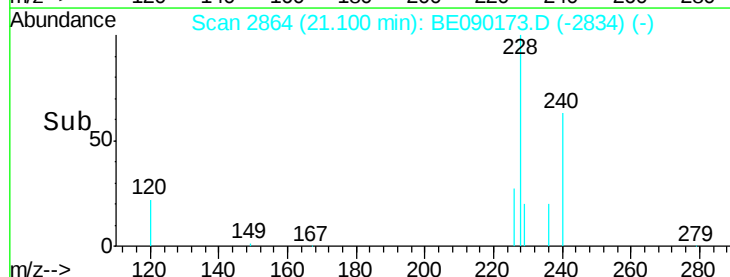
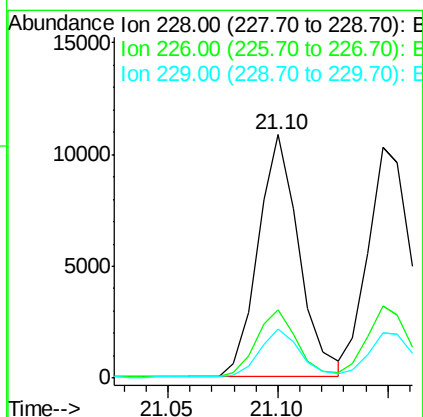
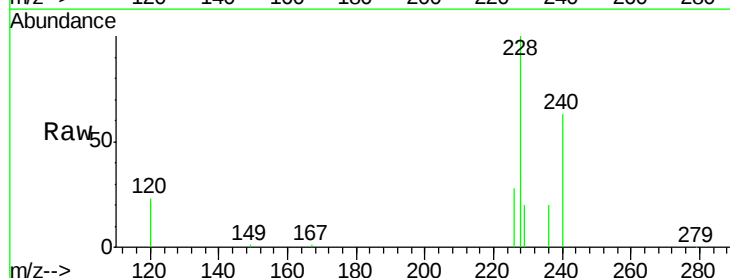
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

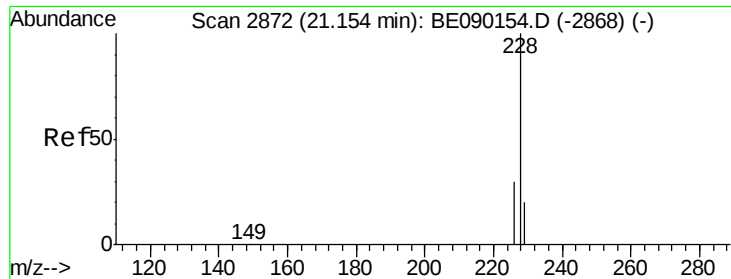
Tgt Ion: 244 Resp: 10703
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.5 9.7
 122 11.0 9.8 14.6



#28
 Benzo(a)anthracene
 Concen: 0.93 ng
 RT: 21.10 min Scan# 2864
 Delta R.T. 0.00 min
 Lab File: BE090173.D
 Acq: 18 Jul 2015 9:00

Tgt Ion: 228 Resp: 14131
 Ion Ratio Lower Upper
 228 100
 226 27.8 22.2 33.4
 229 20.2 15.7 23.5





#29

Chrysene

Concen: 0.97 ng

RT: 21.15 min Scan# 2871

Delta R.T. -0.01 min

Lab File: BE090173.D

Acq: 18 Jul 2015 9:00

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

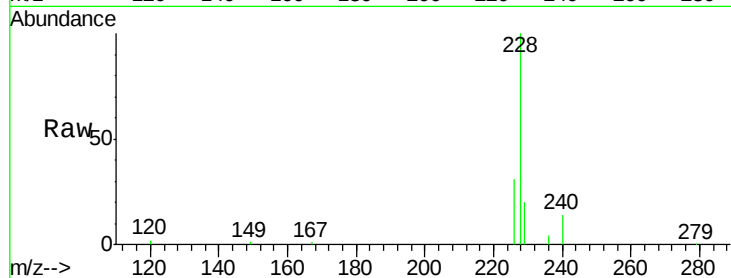
Tgt Ion:228 Resp: 14881

Ion Ratio Lower Upper

228 100

226 31.2 23.8 35.8

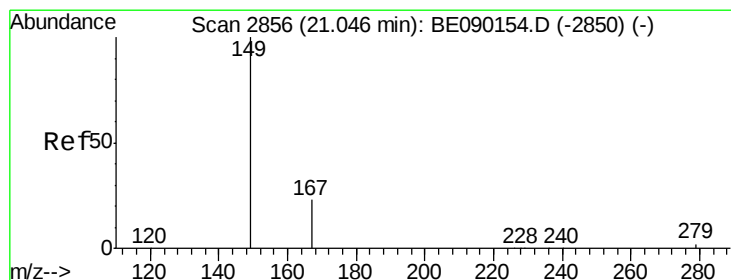
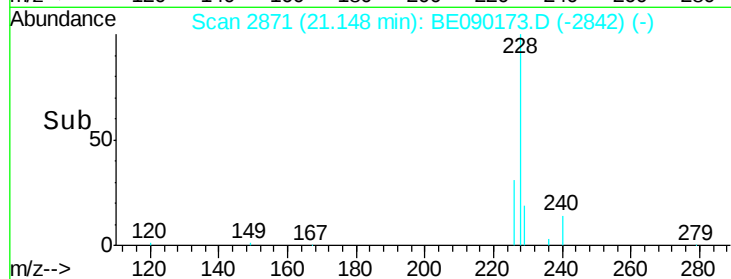
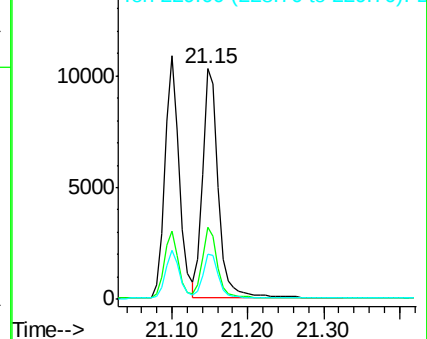
229 19.6 16.5 24.7



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: 0.74 ng

RT: 21.05 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BE090173.D

Acq: 18 Jul 2015 9:00

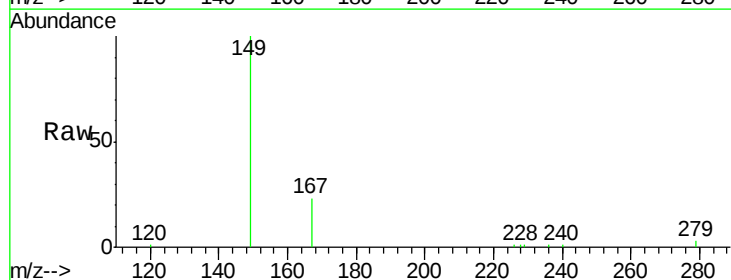
Tgt Ion:149 Resp: 5769

Ion Ratio Lower Upper

149 100

167 22.7 18.6 28.0

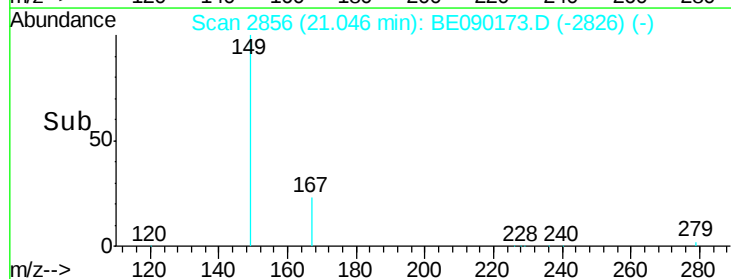
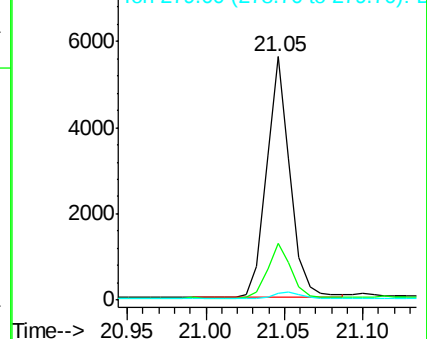
279 3.0 2.2 3.4

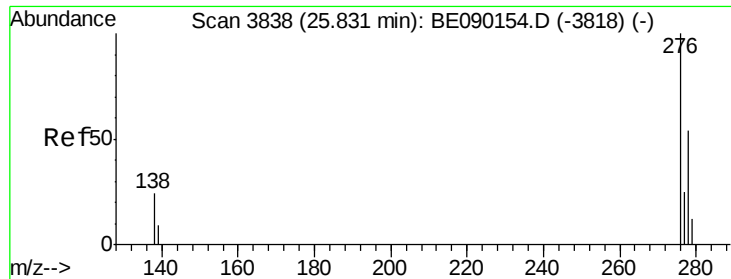


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.86 ng

RT: 25.83 min Scan# 3837

Delta R.T. -0.00 min

Lab File: BE090173.D

Acq: 18 Jul 2015 9:00

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

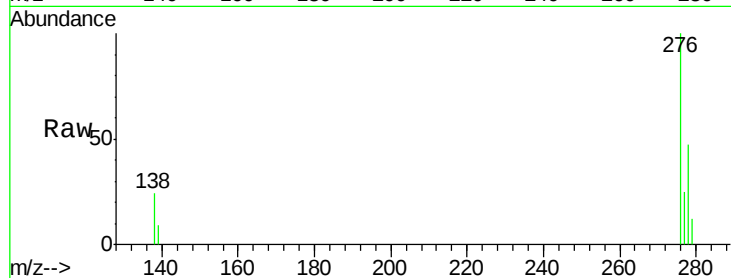
Tgt Ion:276 Resp: 15541

Ion Ratio Lower Upper

276 100

138 24.5 19.5 29.3

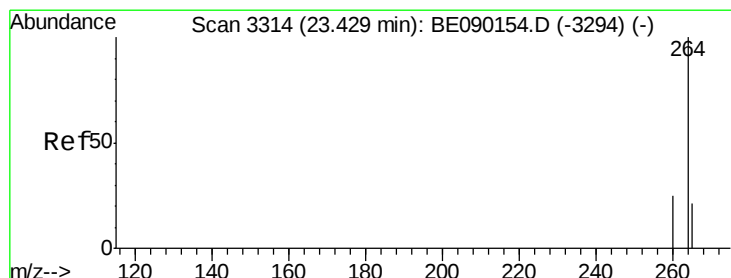
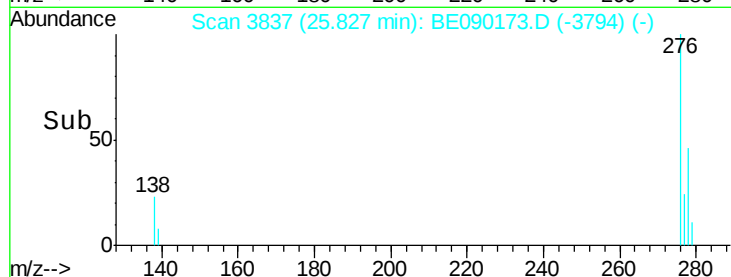
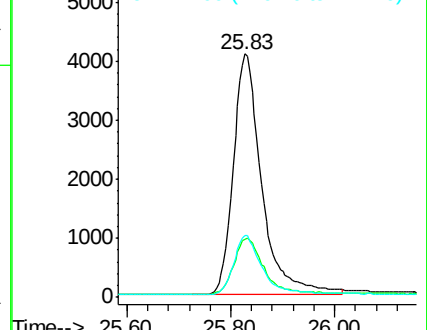
277 24.7 19.8 29.6



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: 23.43 min Scan# 3314

Delta R.T. 0.00 min

Lab File: BE090173.D

Acq: 18 Jul 2015 9:00

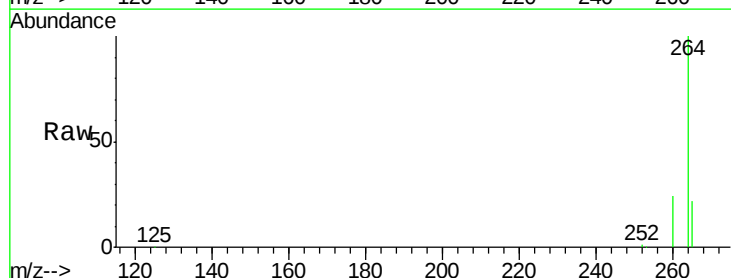
Tgt Ion:264 Resp: 65728

Ion Ratio Lower Upper

264 100

260 24.1 19.8 29.8

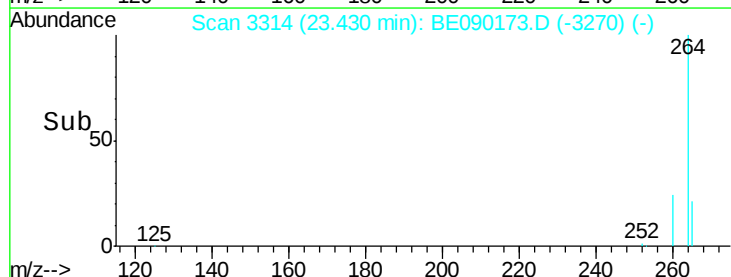
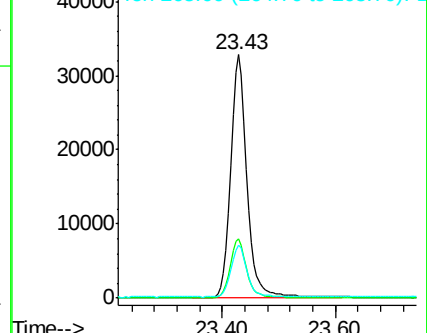
265 21.7 17.4 26.2

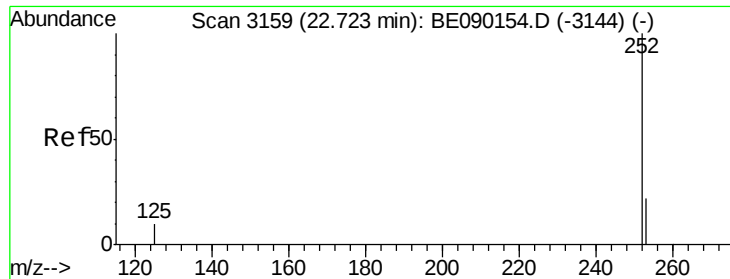


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#33

Benzo(b)fluoranthene

Concen: 0.93 ng

RT: 22.72 min Scan# 3159

Delta R.T. 0.00 min

Lab File: BE090173.D

Acq: 18 Jul 2015 9:00

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

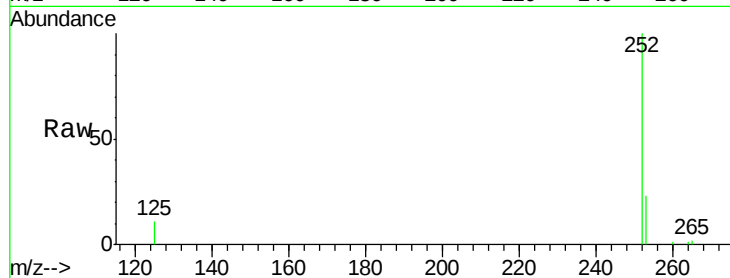
Tgt Ion:252 Resp: 12801

Ion Ratio Lower Upper

252 100

253 22.5 17.9 26.9

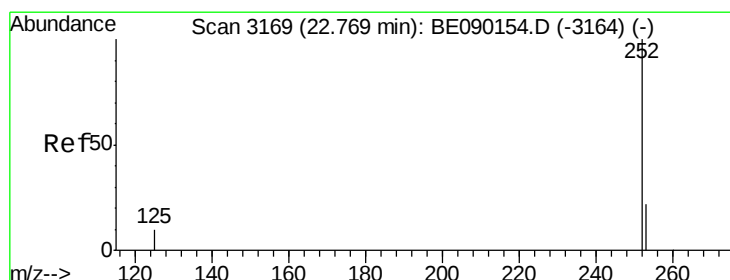
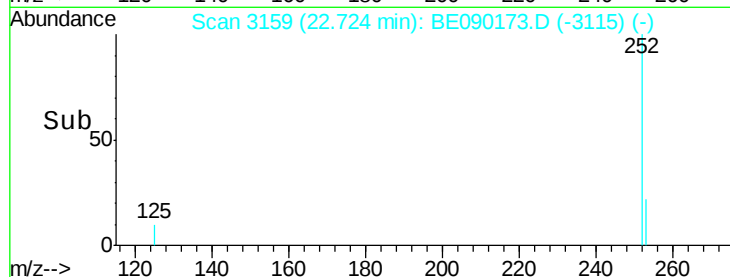
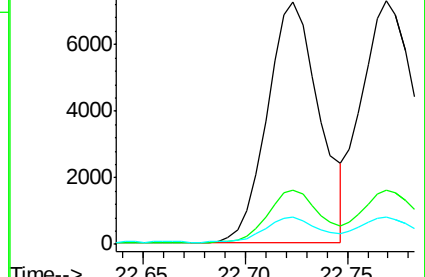
125 11.1 8.7 13.1



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: 0.96 ng

RT: 22.77 min Scan# 3169

Delta R.T. 0.00 min

Lab File: BE090173.D

Acq: 18 Jul 2015 9:00

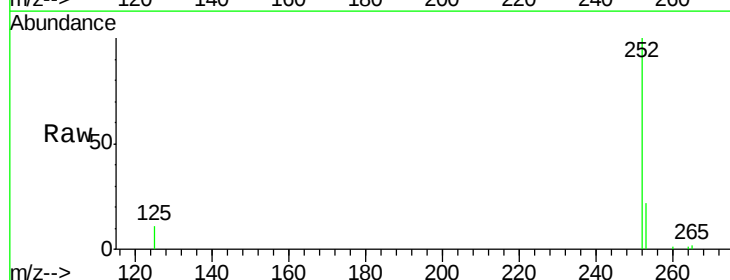
Tgt Ion:252 Resp: 15062

Ion Ratio Lower Upper

252 100

253 22.5 18.1 27.1

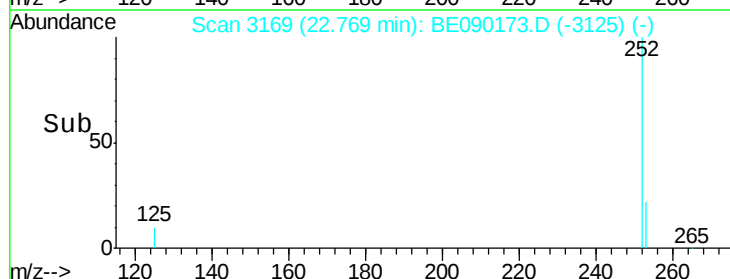
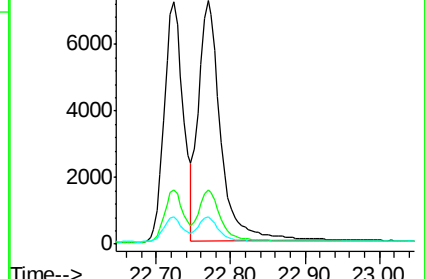
125 11.2 8.7 13.1

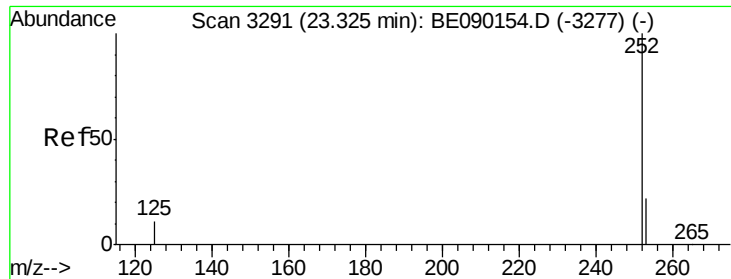


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Benzo(a)pyrene

Concen: 0.91 ng

RT: 23.32 min Scan# 3291

Delta R.T. 0.00 min

Lab File: BE090173.D

Acq: 18 Jul 2015 9:00

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

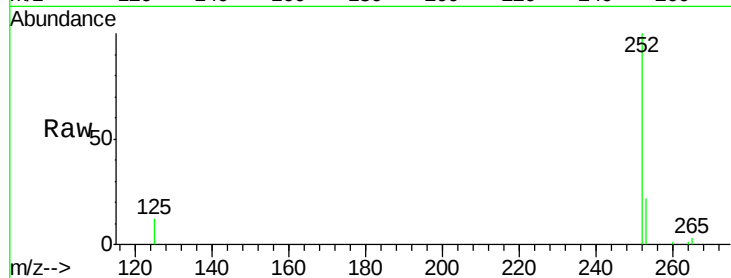
Tgt Ion:252 Resp: 12121

Ion Ratio Lower Upper

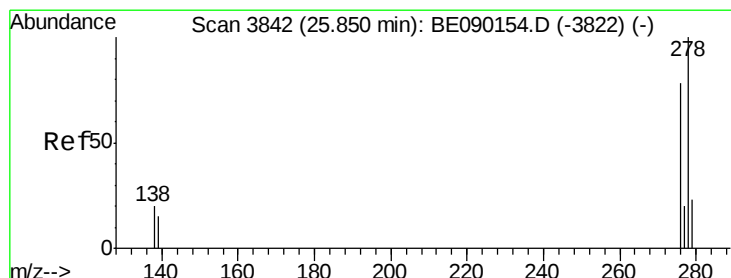
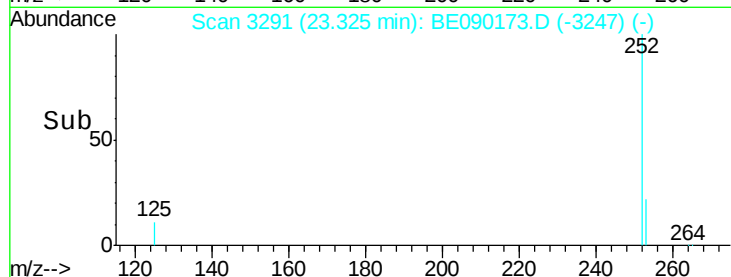
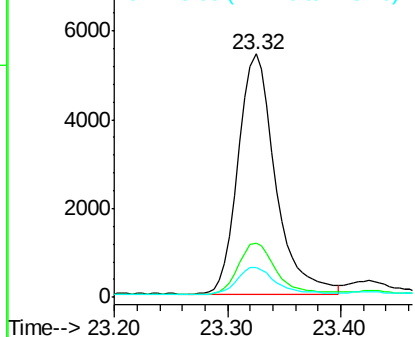
252 100

253 22.5 18.0 27.0

125 12.4 9.4 14.0



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



#36

Dibenzo(a,h)anthracene

Concen: 0.88 ng

RT: 25.85 min Scan# 3842

Delta R.T. 0.00 min

Lab File: BE090173.D

Acq: 18 Jul 2015 9:00

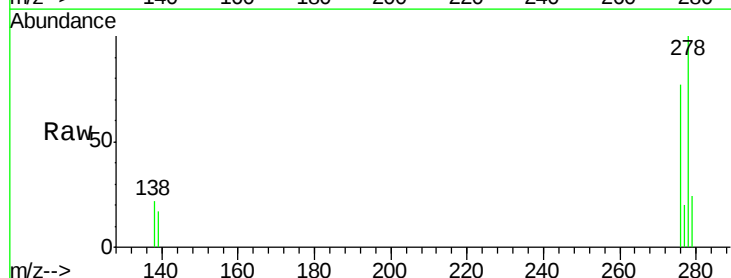
Tgt Ion:278 Resp: 12386

Ion Ratio Lower Upper

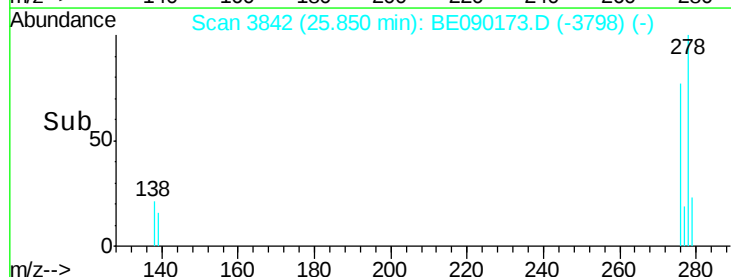
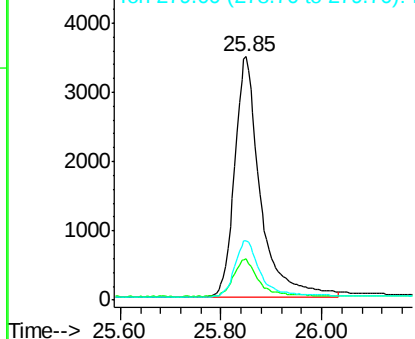
278 100

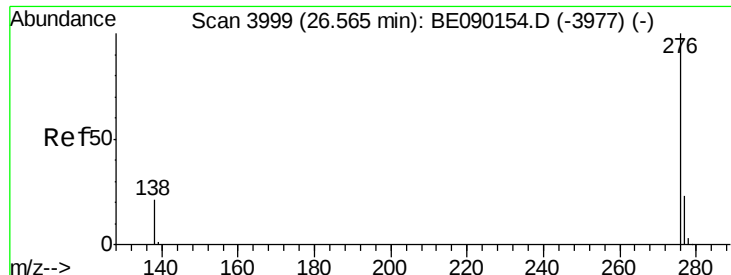
139 17.2 12.9 19.3

279 24.3 19.3 28.9



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: 0.91 ng

RT: 26.56 min Scan# 3998

Delta R.T. -0.00 min

Lab File: BE090173.D

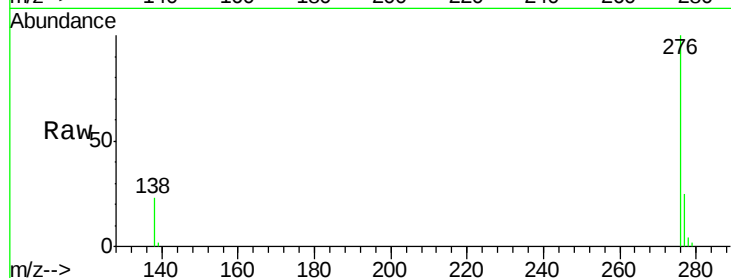
Acq: 18 Jul 2015 9:00

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001



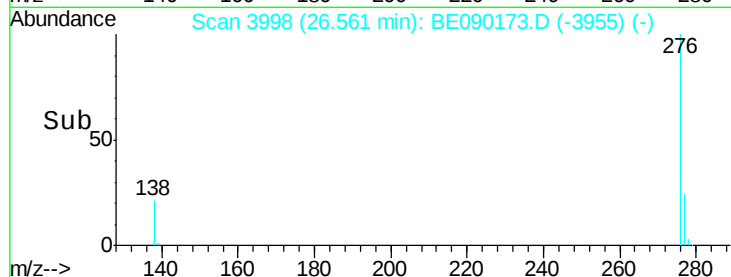
Tgt Ion: 276 Resp: 13134

Ion Ratio Lower Upper

276 100

277 24.8 19.0 28.6

138 22.6 17.2 25.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

