

Data Path : Z:\HPCHEM1\BNA E\DATA\BE071715\
 Data File : BE090160.D
 Acq On : 17 Jul 2015 00:00
 Operator : TP/IZ
 Sample : PB84515BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB84515BS

Quant Time: Jul 18 00:45:27 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	9450	5.00	ng	0.00
6) Naphthalene-d8	10.36	136	45609	5.00	ng	0.00
12) Acenaphthene-d10	14.22	164	25516	5.00	ng	0.00
18) Phenanthrene-d10	16.96	188	61018	5.00	ng	0.00
25) Chrysene-d12	21.12	240	73710	5.00	ng	0.00
32) Perylene-d12	23.43	264	73068	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	13737	6.18	ng	0.00
5) Phenol-d6	6.79	99	18597	6.49	ng	0.00
7) Nitrobenzene-d5	8.74	82	11633	3.85	ng	0.00
13) 2,4,6-Tribromophenol	15.73	330	3846	6.38	ng	0.00
14) 2-Fluorobiphenyl	12.84	172	27583	3.67	ng	0.00
27) Terphenyl-d14	19.58	244	43538	3.53	ng	0.00

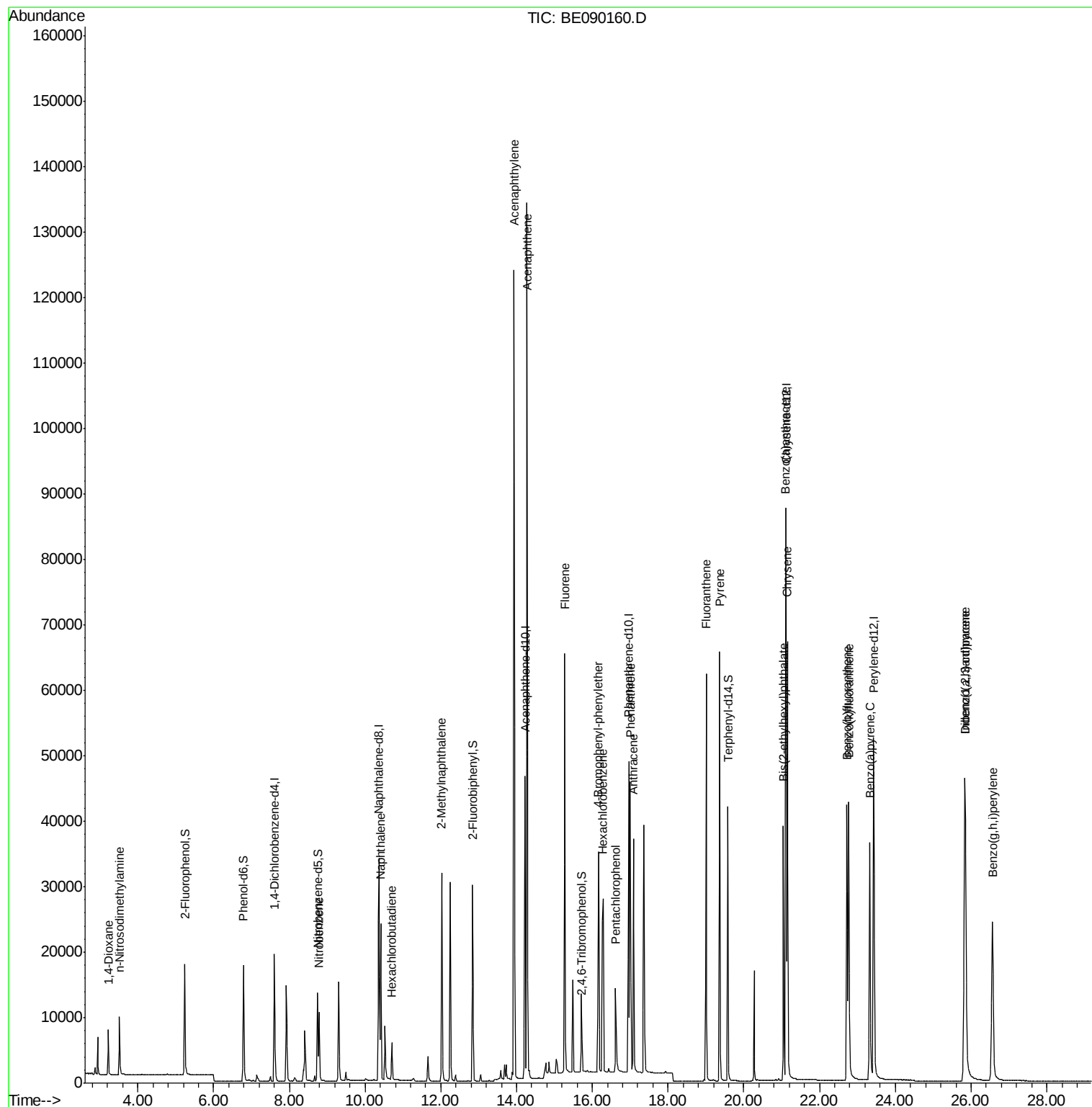
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.22	88	3830	3.89	ng	96
3) n-Nitrosodimethylamine	3.51	42	5931	3.54	ng	# 91
8) Nitrobenzene	8.78	77	11148	3.74	ng	98
9) Naphthalene	10.41	128	33048	3.38	ng	98
10) Hexachlorobutadiene	10.71	225	3975	3.30	ng	99
11) 2-Methylnaphthalene	12.03	142	22883	3.48	ng	98
15) Acenaphthylene	13.93	152	153969	3.35	ng	100
16) Acenaphthene	14.28	154	22143	3.42	ng	99
17) Fluorene	15.27	166	29709	3.40	ng	99
19) 4-Bromophenyl-phenylether	16.16	248	7870	3.47	ng	99
20) Hexachlorobenzene	16.28	284	27368	3.41	ng	99
21) Pentachlorophenol	16.61	266	6404	6.19	ng	90
22) Phenanthrene	17.00	178	47677	3.48	ng	100
23) Anthracene	17.08	178	46722	3.67	ng	99
24) Fluoranthene	19.00	202	54947	3.58	ng	100
26) Pyrene	19.36	202	58985	3.53	ng	100
28) Benzo(a)anthracene	21.10	228	57406	3.40	ng	100
29) Chrysene	21.15	228	58488	3.43	ng	99
30) Bis(2-ethylhexyl)phthalate	21.05	149	31612	3.65	ng	100
31) Indeno(1,2,3-cd)pyrene	25.83	276	67419	3.38	ng	99
33) Benzo(b)fluoranthene	22.72	252	55211	3.62	ng	99
34) Benzo(k)fluoranthene	22.77	252	62111	3.56	ng	99
35) Benzo(a)pyrene	23.32	252	54515	3.69	ng	99
36) Dibenzo(a,h)anthracene	25.85	278	55352	3.55	ng	99
37) Benzo(g,h,i)perylene	26.56	276	56814	3.53	ng	100

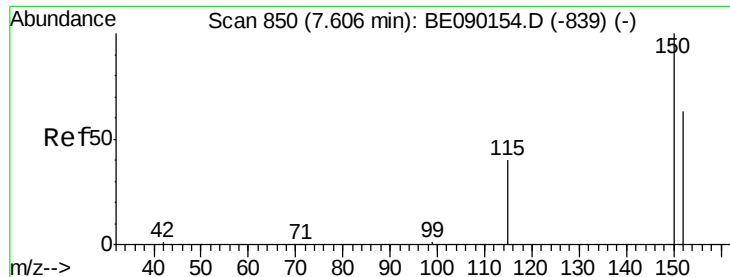
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE071715\
Data File : BE090160.D
Acq On : 17 Jul 2015 00:00
Operator : TP/IZ
Sample : PB84515BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB84515BS

Quant Time: Jul 18 00:45:27 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





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.61 min Scan# 850

Delta R.T. -0.00 min

Lab File: BE090160.D

Acq: 17 Jul 2015 00:00

Instrument :

BNA_E

ClientSampleId :

PB84515BS

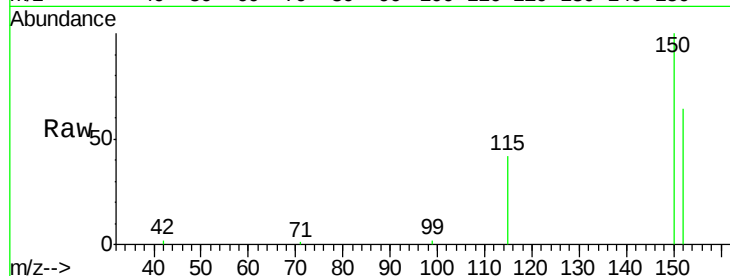
Tot Ion:152 Resp: 9450

Ion Ratio Lower Upper

152 100

150 155.7 127.2 190.8

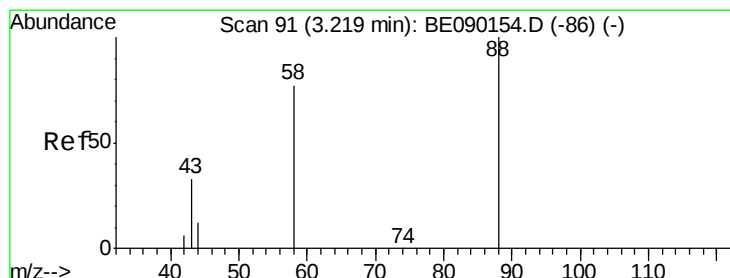
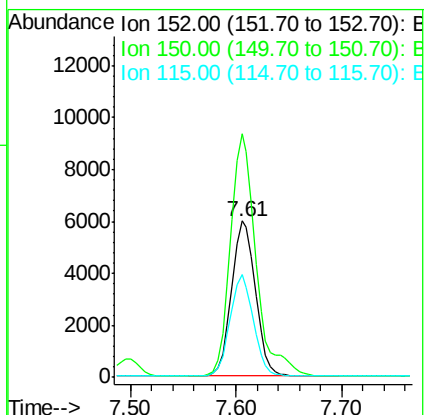
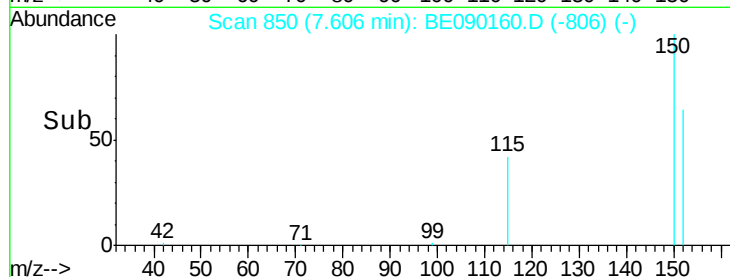
115 65.4 51.6 77.4



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: 3.89 ng

RT: 3.22 min Scan# 92

Delta R.T. 0.01 min

Lab File: BE090160.D

Acq: 17 Jul 2015 00:00

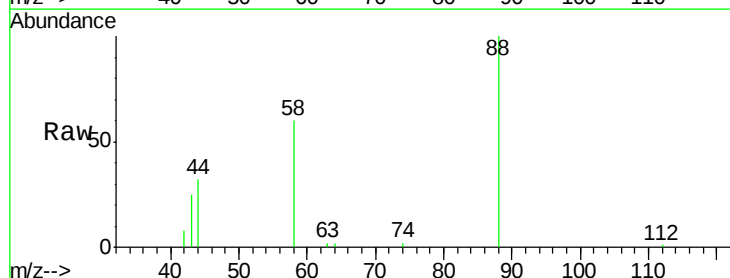
Tgt Ion: 88 Resp: 3830

Ion Ratio Lower Upper

88 100

58 76.6 58.2 87.2

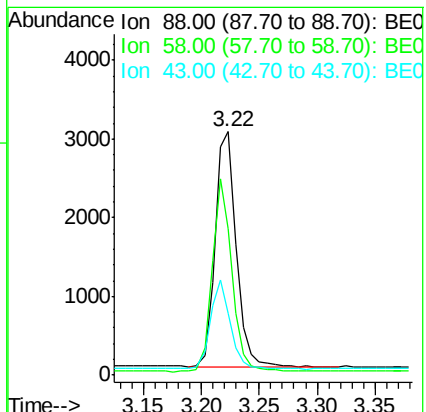
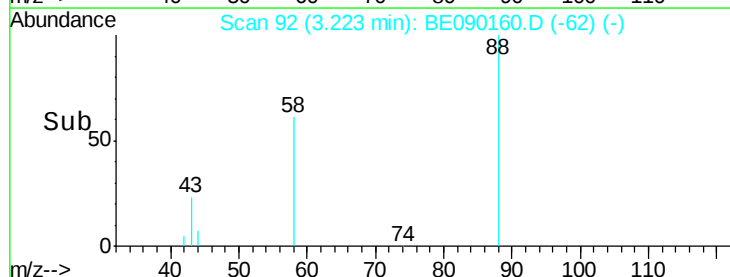
43 35.3 27.7 41.5

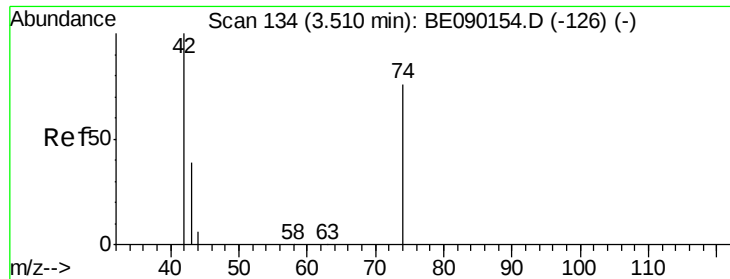


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



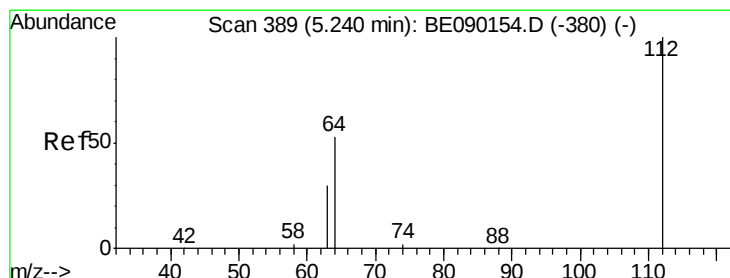
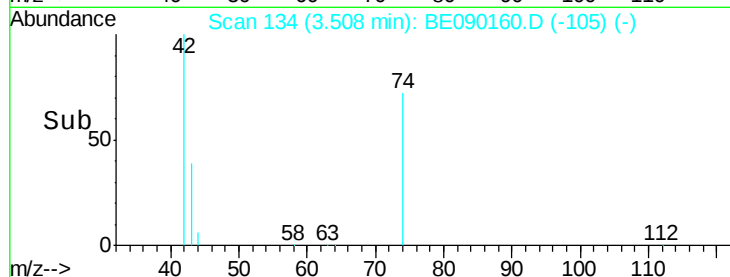
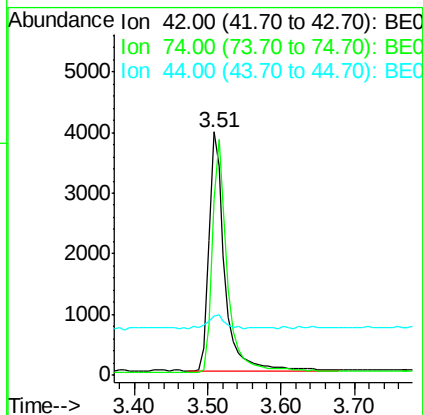
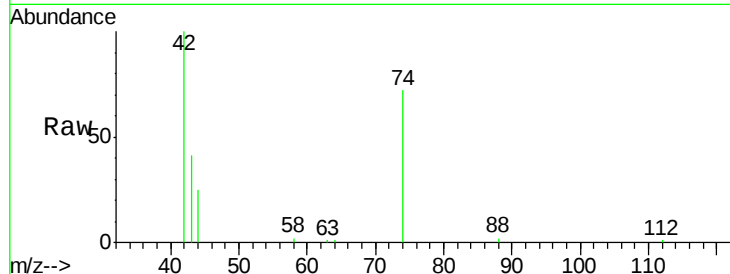


#3

n-Nitrosodimethylamine
 Concen: 3.54 ng
 RT: 3.51 min Scan# 134
 Delta R.T. -0.00 min
 Lab File: BE090160.D
 Acq: 17 Jul 2015 00:00

Instrument :
 BNA_E
 ClientSampleId :
 PB84515BS

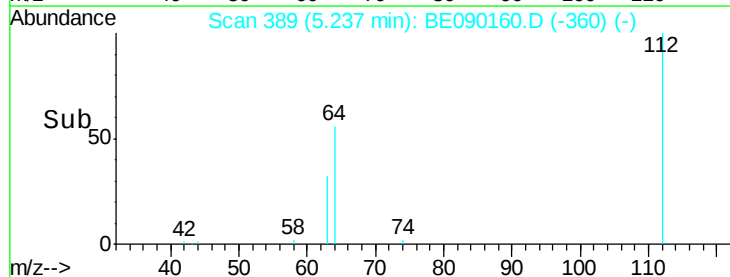
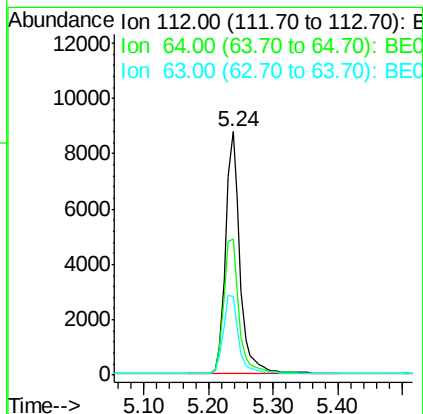
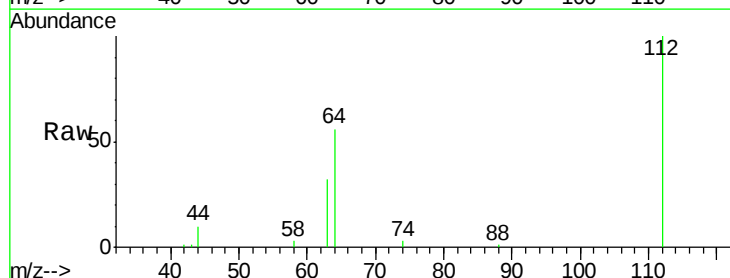
Tot Ion: 42 Resp: 5931
 Ion Ratio Lower Upper
 42 100
 74 93.2 82.2 123.4
 44 6.6 7.5 11.3#

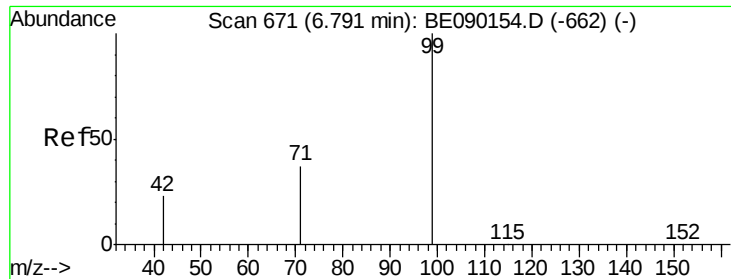


#4

2-Fluorophenol
 Concen: 6.18 ng
 RT: 5.24 min Scan# 389
 Delta R.T. -0.00 min
 Lab File: BE090160.D
 Acq: 17 Jul 2015 00:00

Tgt Ion: 112 Resp: 13737
 Ion Ratio Lower Upper
 112 100
 64 58.7 46.7 70.1
 63 34.1 27.3 40.9





#5

Phenol-d6

Concen: 6.49 ng

RT: 6.79 min Scan# 671

Delta R.T. -0.00 min

Lab File: BE090160.D

Acq: 17 Jul 2015 00:00

Instrument :

BNA_E

ClientSampleId :

PB84515BS

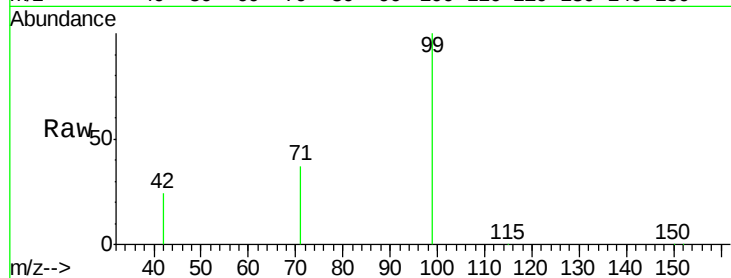
Tot Ion: 99 Resp: 18597

Ion Ratio Lower Upper

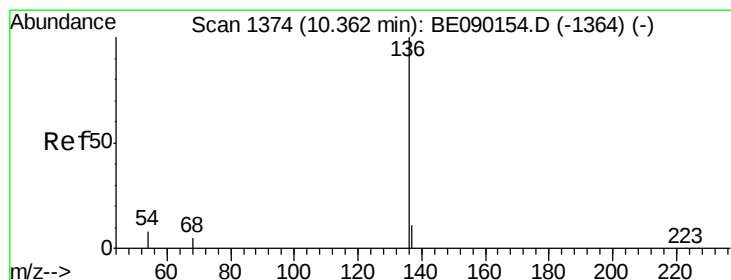
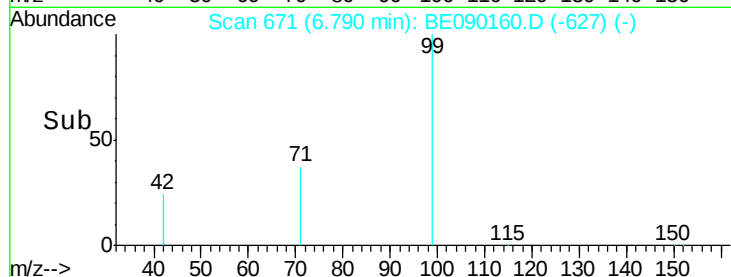
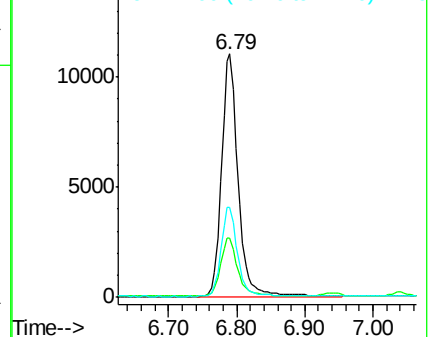
99 100

42 24.5 19.1 28.7

71 36.6 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: BE090160.D

Acq: 17 Jul 2015 00:00

Tgt Ion: 136 Resp: 45609

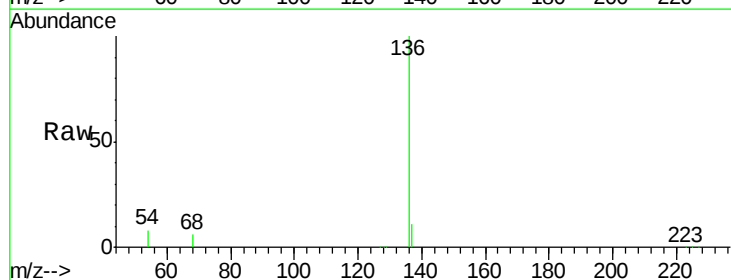
Ion Ratio Lower Upper

136 100

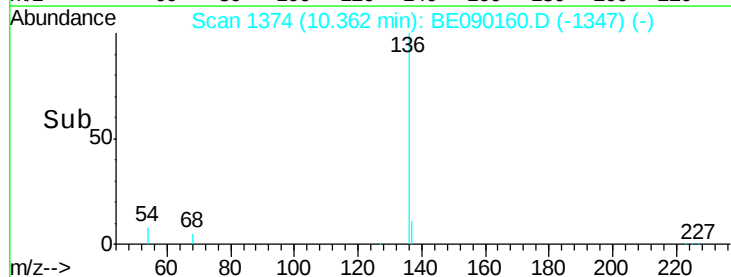
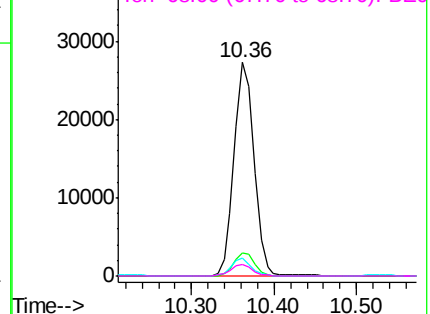
137 11.1 8.9 13.3

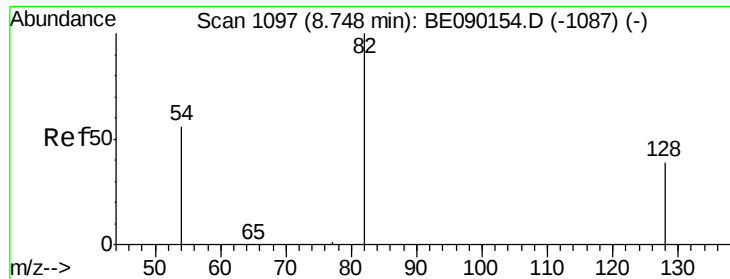
54 8.1 6.3 9.5

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: 3.85 ng

RT: 8.74 min Scan# 1096

Delta R.T. -0.00 min

Lab File: BE090160.D

Acq: 17 Jul 2015 00:00

Instrument :

BNA_E

ClientSampleId :

PB84515BS

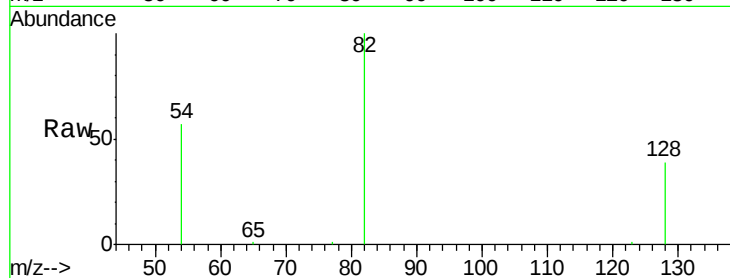
Tot Ion: 82 Resp: 11633

Ion Ratio Lower Upper

82 100

128 38.6 32.7 49.1

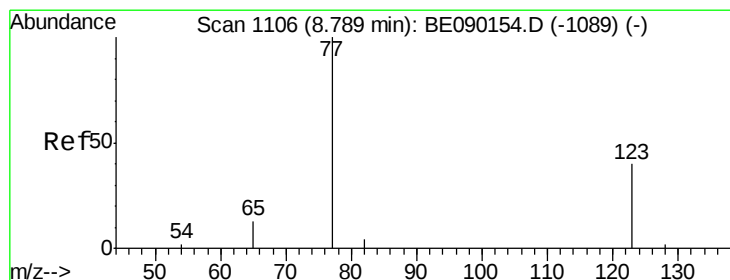
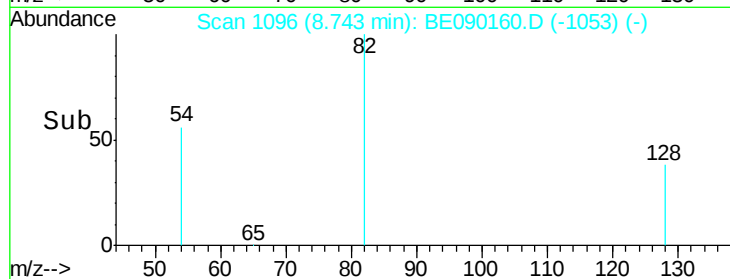
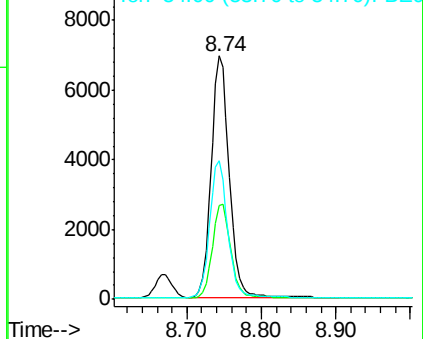
54 56.8 45.9 68.9



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: 3.74 ng

RT: 8.78 min Scan# 1105

Delta R.T. -0.00 min

Lab File: BE090160.D

Acq: 17 Jul 2015 00:00

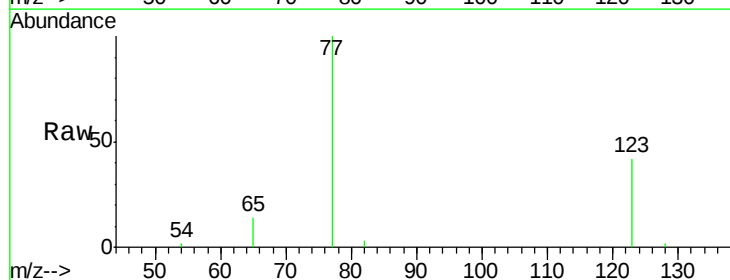
Tgt Ion: 77 Resp: 11148

Ion Ratio Lower Upper

77 100

123 41.6 32.3 48.5

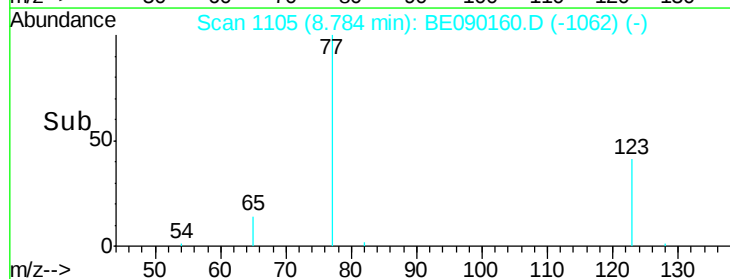
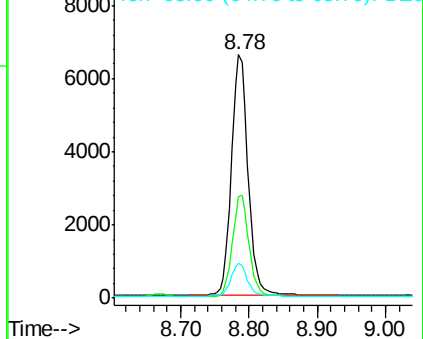
65 13.6 10.4 15.6

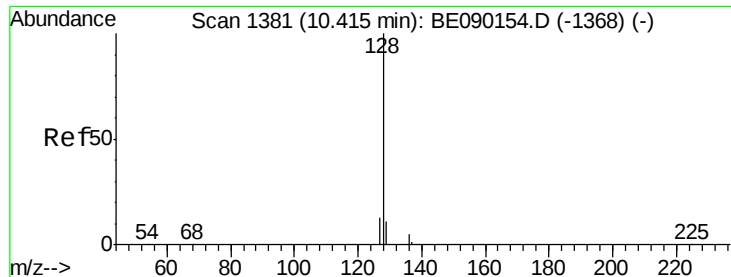


Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0





#9

Naphthalene

Concen: 3.38 ng

RT: 10.41 min Scan# 1381

Delta R.T. -0.00 min

Lab File: BE090160.D

Acq: 17 Jul 2015 00:00

Instrument :

BNA_E

ClientSampleId :

PB84515BS

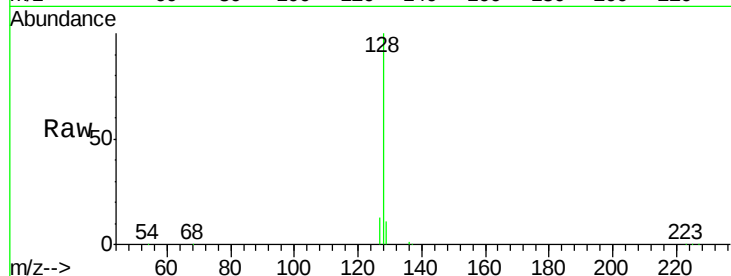
Tot Ion:128 Resp: 33048

Ion Ratio Lower Upper

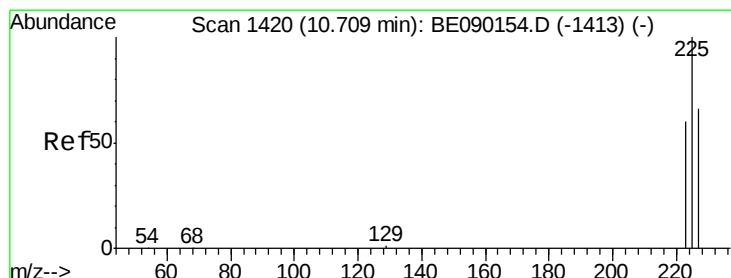
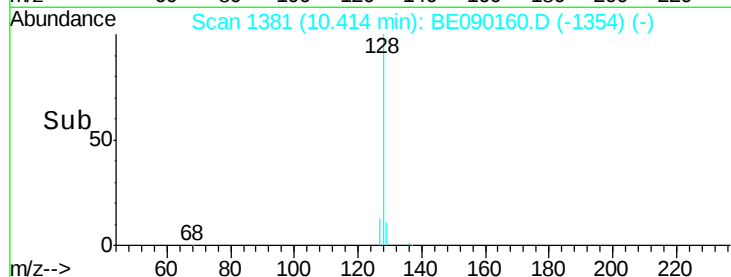
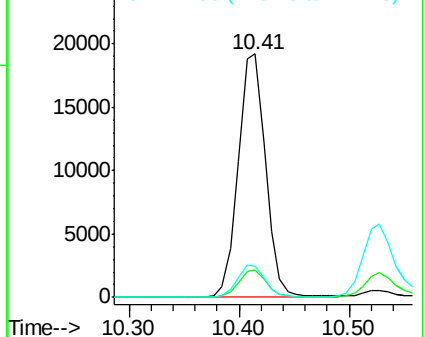
128 100

129 11.3 9.8 14.6

127 12.7 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: 3.30 ng

RT: 10.71 min Scan# 1420

Delta R.T. -0.00 min

Lab File: BE090160.D

Acq: 17 Jul 2015 00:00

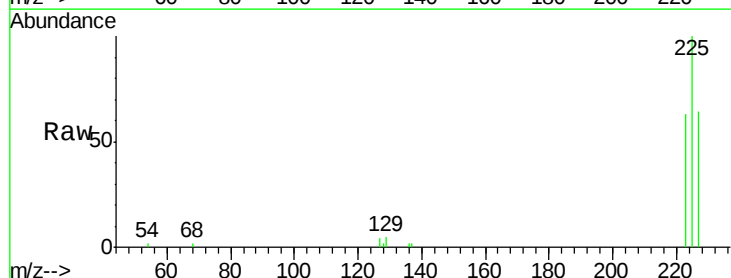
Tgt Ion:225 Resp: 3975

Ion Ratio Lower Upper

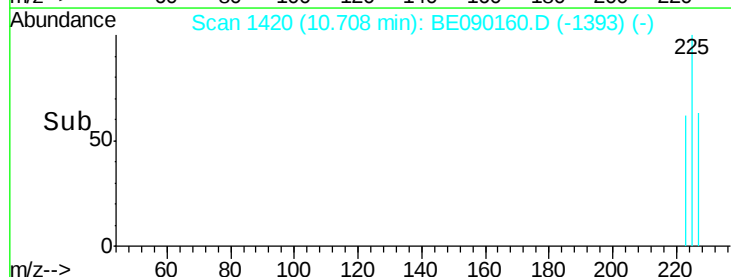
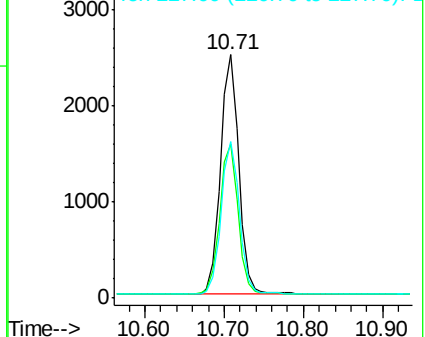
225 100

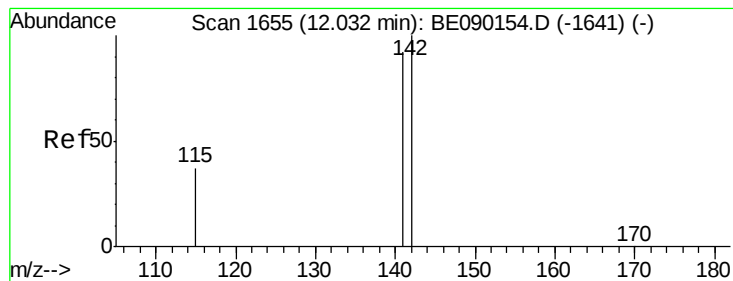
223 62.7 50.3 75.5

227 63.4 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: 3.48 ng

RT: 12.03 min Scan# 1654

Delta R.T. -0.00 min

Lab File: BE090160.D

Acq: 17 Jul 2015 00:00

Instrument :

BNA_E

ClientSampleId :

PB84515BS

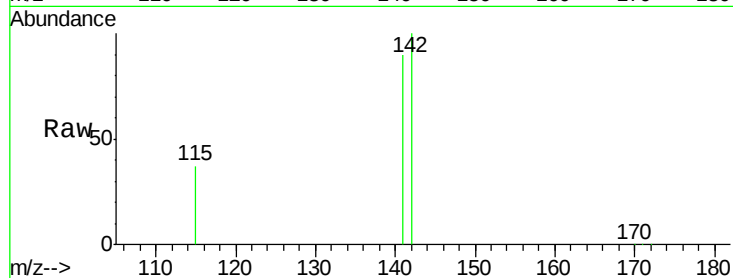
Tot Ion:142 Resp: 22883

Ion Ratio Lower Upper

142 100

141 89.7 73.9 110.9

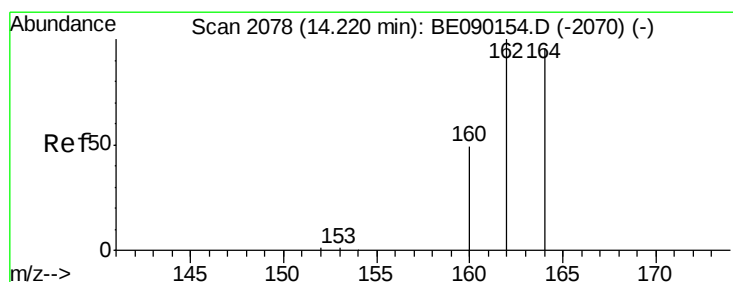
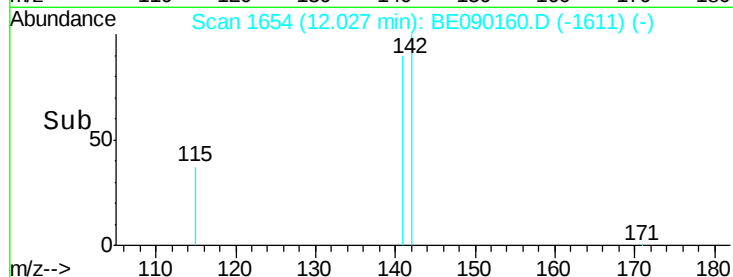
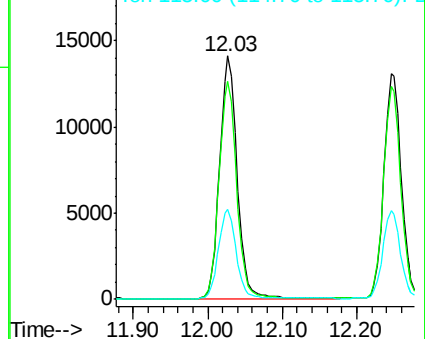
115 36.7 30.0 45.0



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: 14.22 min Scan# 2078

Delta R.T. -0.00 min

Lab File: BE090160.D

Acq: 17 Jul 2015 00:00

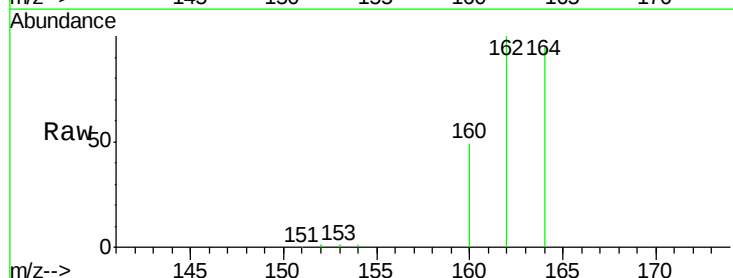
Tgt Ion:164 Resp: 25516

Ion Ratio Lower Upper

164 100

162 104.8 83.3 124.9

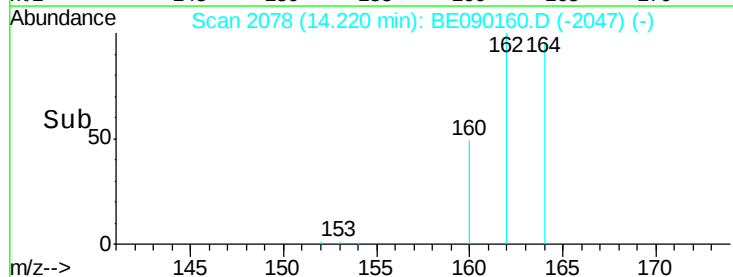
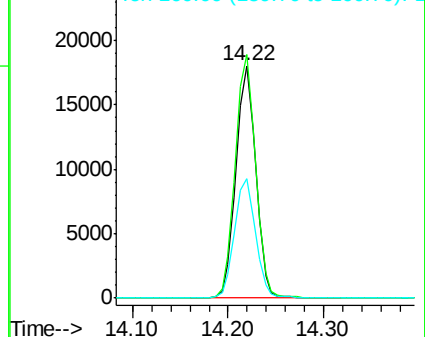
160 51.2 40.9 61.3

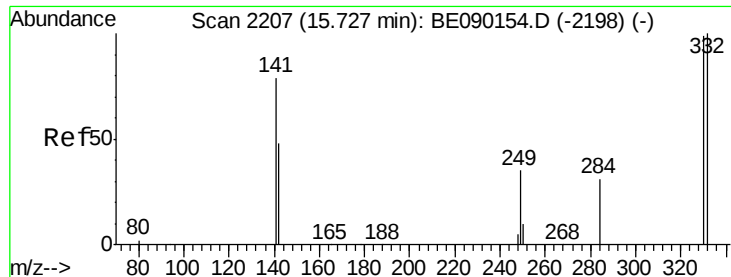


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

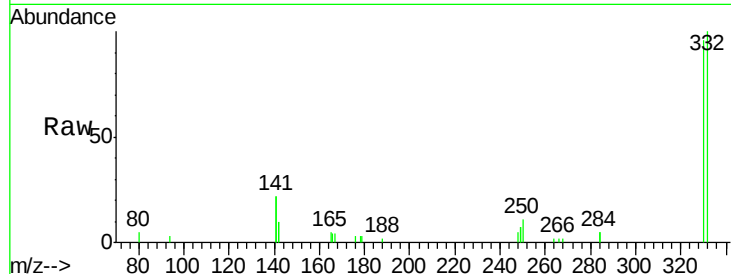




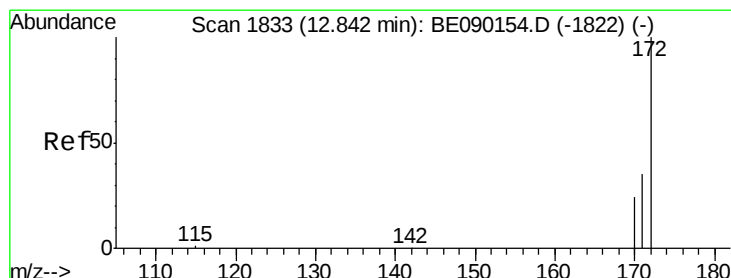
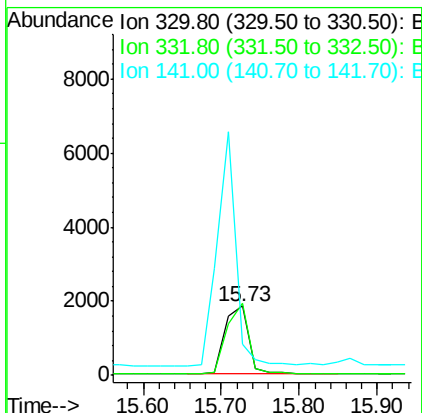
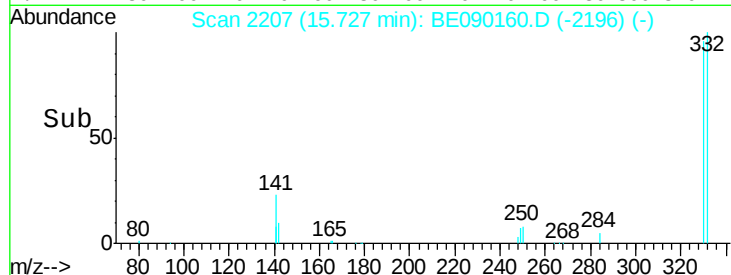
#13
 2,4,6-Tribromophenol
 Concen: 6.38 ng
 RT: 15.73 min Scan# 2207
 Delta R.T. -0.00 min
 Lab File: BE090160.D
 Acq: 17 Jul 2015 00:00

Instrument :
 BNA_E
 ClientSampleId :
 PB84515BS

Tot Ion:330 Resp: 3846
 Ion Ratio Lower Upper
 330 100
 332 97.0 78.2 117.2
 141 269.6 215.8 323.6

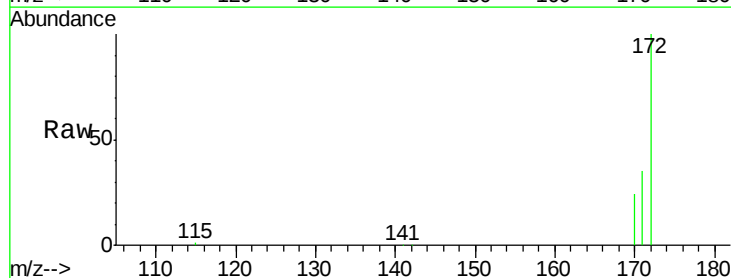


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

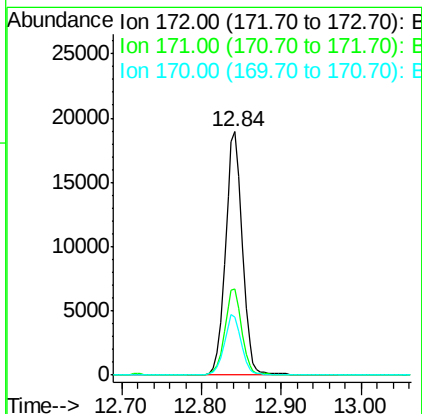
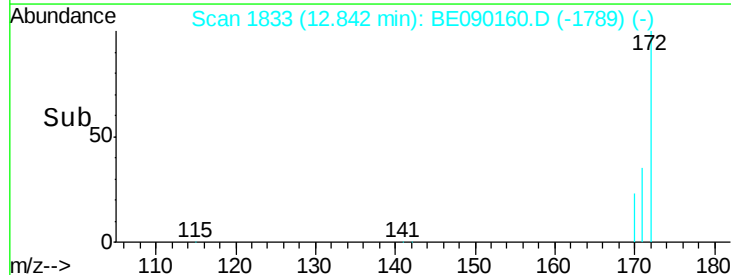


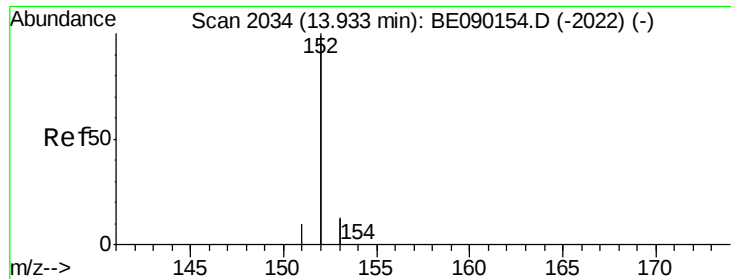
#14
 2-Fluorobiphenyl
 Concen: 3.67 ng
 RT: 12.84 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: BE090160.D
 Acq: 17 Jul 2015 00:00

Tgt Ion:172 Resp: 27583
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.5 42.7
 170 23.6 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: 3.35 ng

RT: 13.93 min Scan# 2034

Delta R.T. -0.00 min

Lab File: BE090160.D

Acq: 17 Jul 2015 00:00

Instrument :

BNA_E

ClientSampleId :

PB84515BS

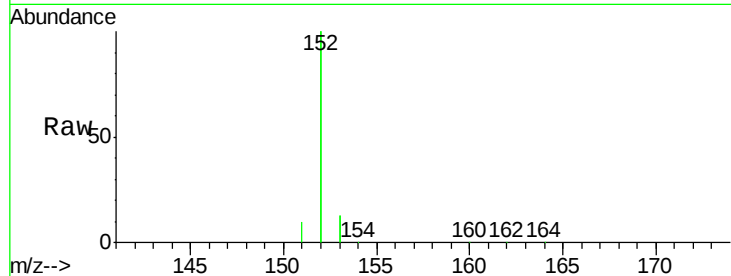
Tot Ion:152 Resp: 153969

Ion Ratio Lower Upper

152 100

151 5.0 4.0 6.0

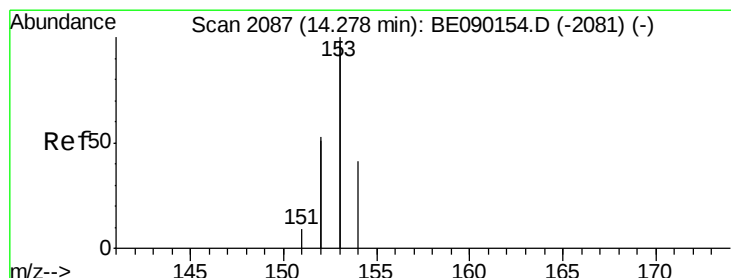
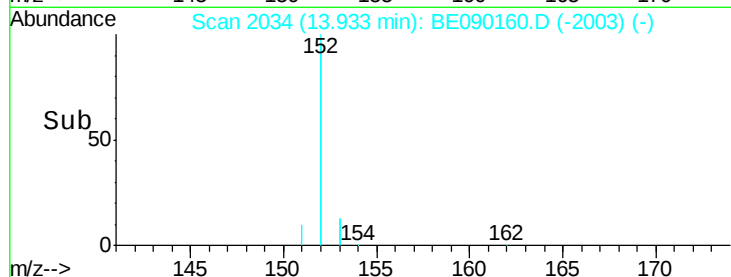
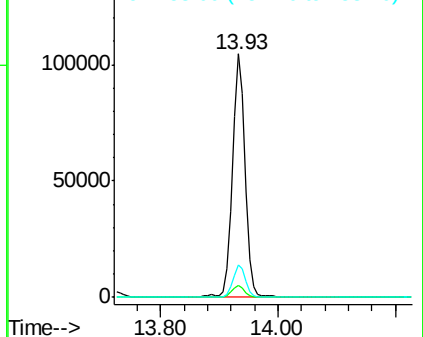
153 13.0 10.4 15.6



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: 3.42 ng

RT: 14.28 min Scan# 2087

Delta R.T. -0.00 min

Lab File: BE090160.D

Acq: 17 Jul 2015 00:00

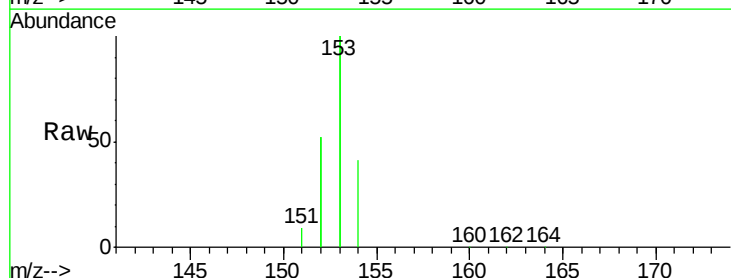
Tgt Ion:154 Resp: 22143

Ion Ratio Lower Upper

154 100

153 475.9 376.9 565.3

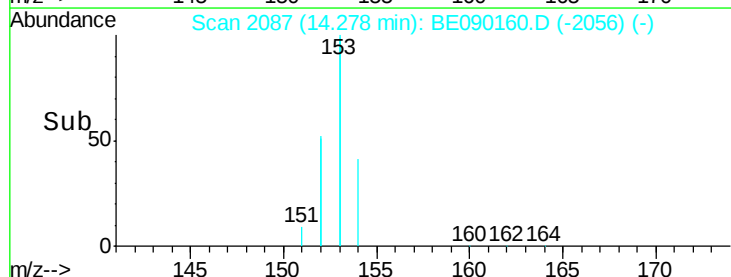
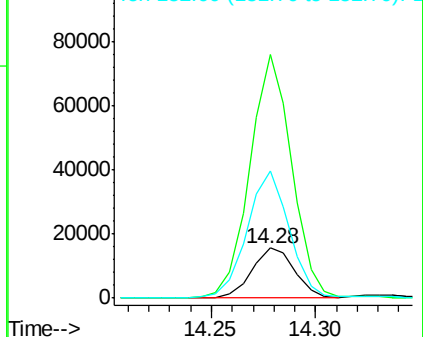
152 248.8 199.0 298.6

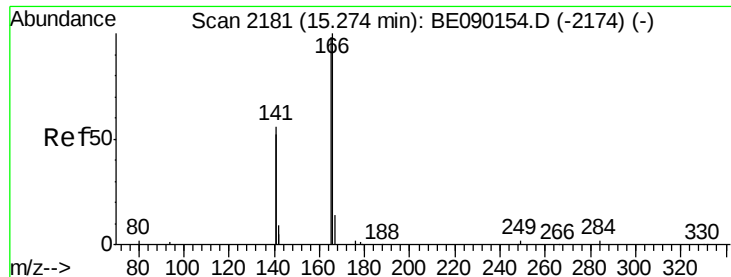


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

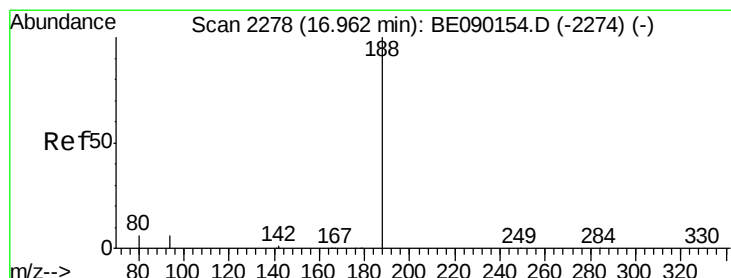
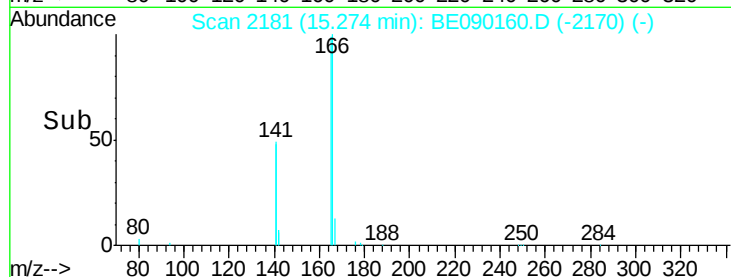
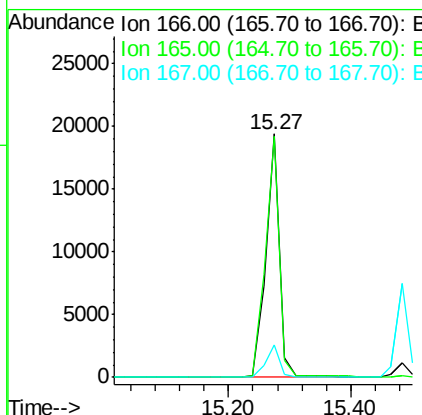
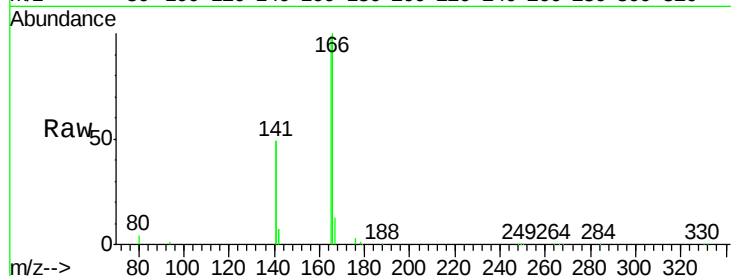




#17
Fluorene
 Concen: 3.40 ng
 RT: 15.27 min Scan# 2181
 Delta R.T. -0.00 min
 Lab File: BE090160.D
 Acq: 17 Jul 2015 00:00

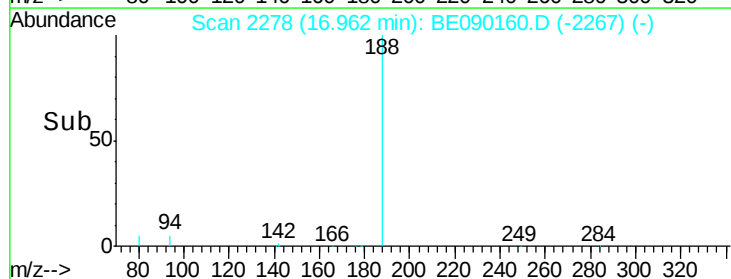
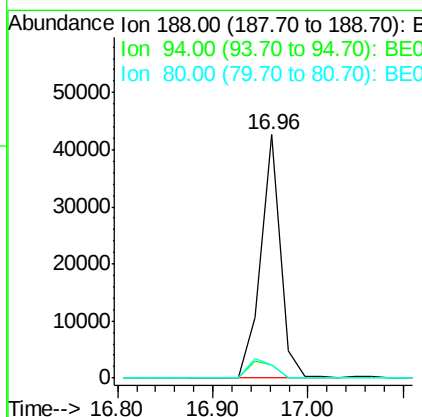
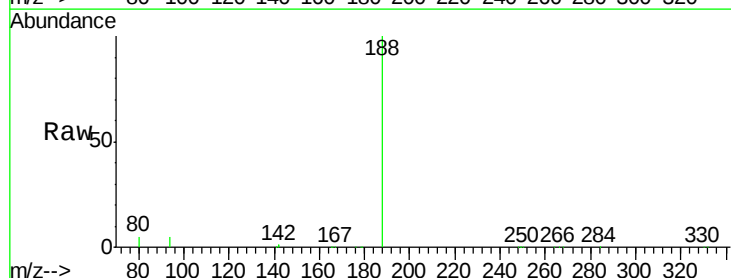
Instrument :
 BNA_E
 ClientSampleId :
 PB84515BS

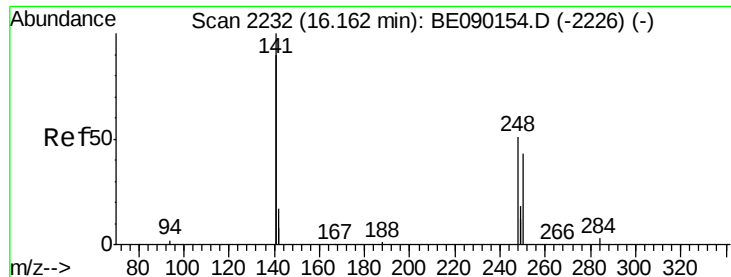
Tot Ion:166 Resp: 29709
 Ion Ratio Lower Upper
 166 100
 165 102.0 81.5 122.3
 167 13.4 11.9 17.9



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 16.96 min Scan# 2278
 Delta R.T. -0.00 min
 Lab File: BE090160.D
 Acq: 17 Jul 2015 00:00

Tgt Ion:188 Resp: 61018
 Ion Ratio Lower Upper
 188 100
 94 5.3 4.6 7.0
 80 5.4 4.6 6.8

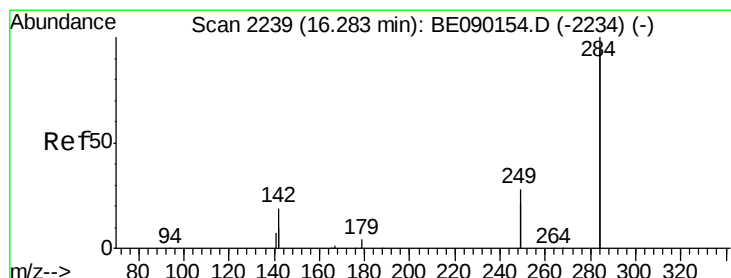
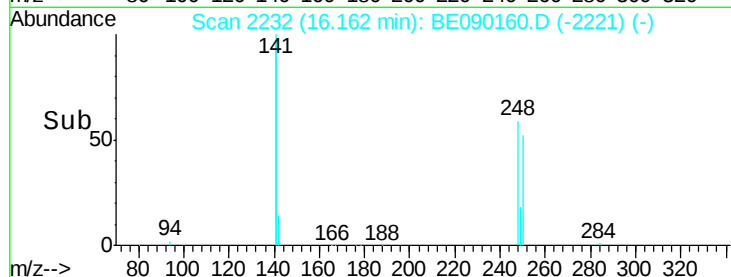
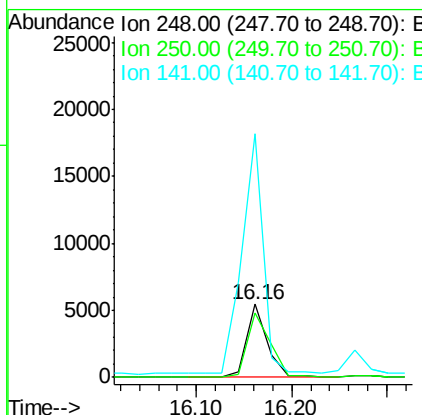
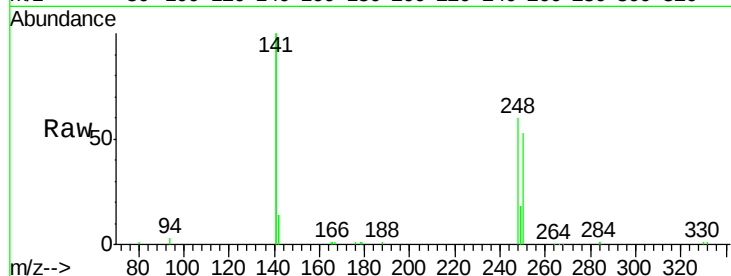




#19
4-Bromophenyl-phenylether
Concen: 3.47 ng
RT: 16.16 min Scan# 2232
Delta R.T. -0.00 min
Lab File: BE090160.D
Acq: 17 Jul 2015 00:00

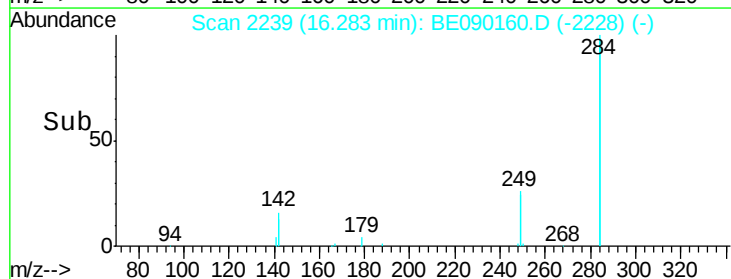
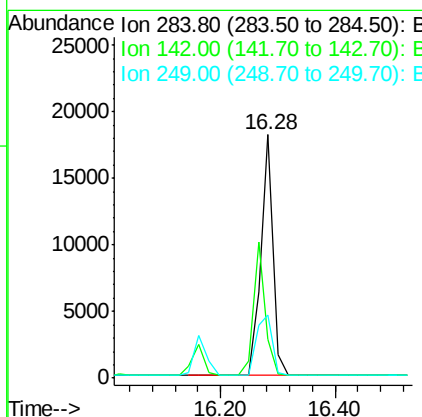
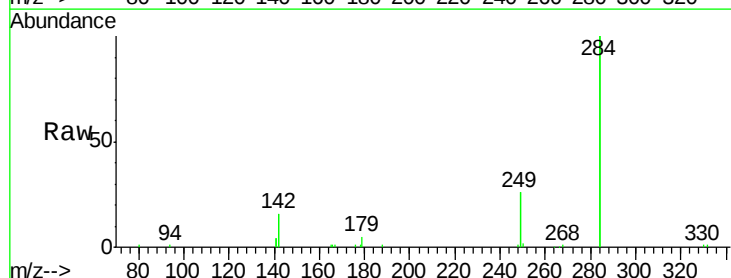
Instrument :
BNA_E
ClientSampleId :
PB84515BS

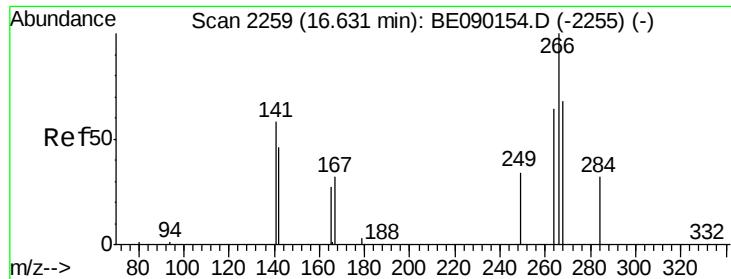
Tot Ion:248 Resp: 7870
Ion Ratio Lower Upper
248 100
250 98.6 77.4 116.0
141 349.4 281.3 421.9



#20
Hexachlorobenzene
Concen: 3.41 ng
RT: 16.28 min Scan# 2239
Delta R.T. -0.00 min
Lab File: BE090160.D
Acq: 17 Jul 2015 00:00

Tgt Ion:284 Resp: 27368
Ion Ratio Lower Upper
284 100
142 52.6 42.2 63.2
249 32.9 25.5 38.3

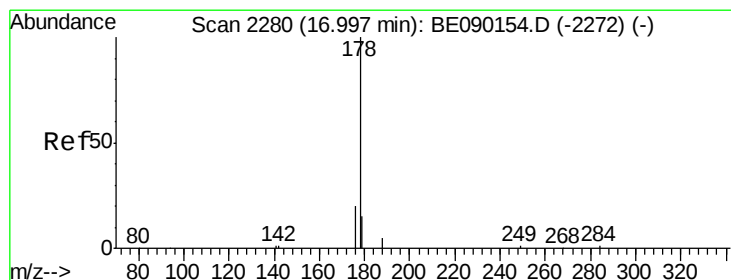
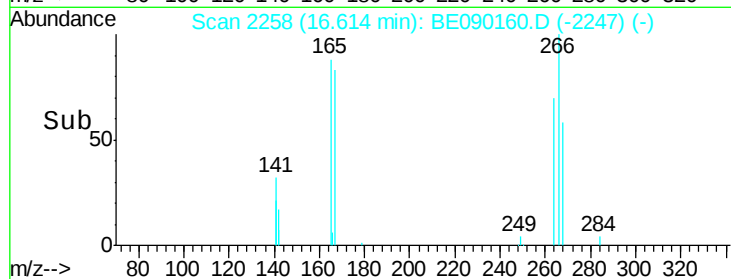
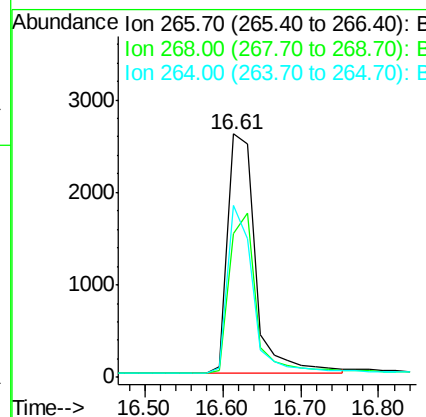
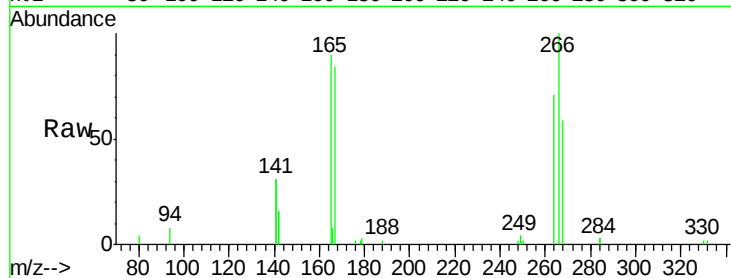




#21
 Pentachlorophenol
 Concen: 6.19 ng
 RT: 16.61 min Scan# 2258
 Delta R.T. -0.02 min
 Lab File: BE090160.D
 Acq: 17 Jul 2015 00:00

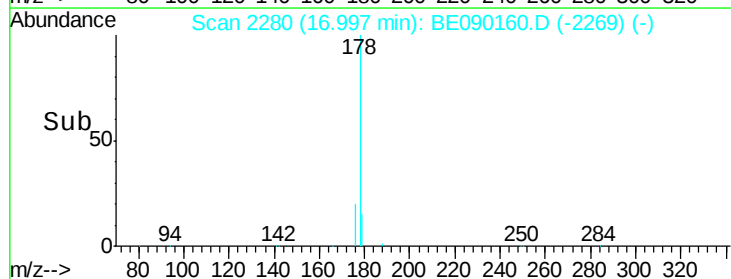
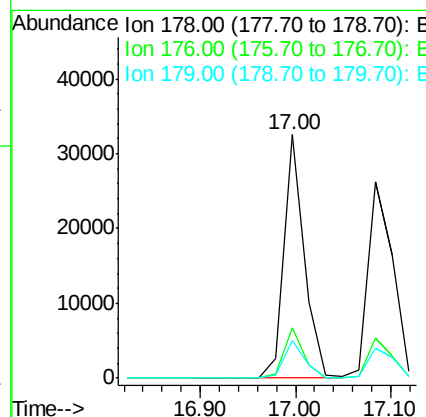
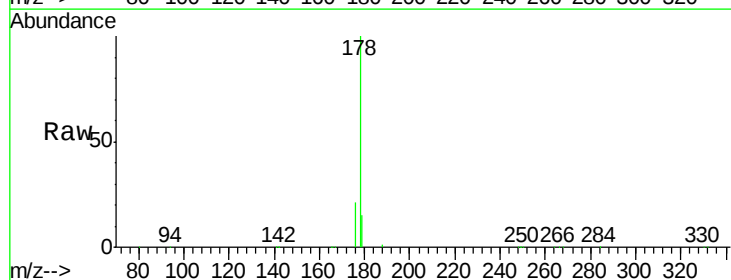
Instrument :
 BNA_E
 ClientSampleId :
 PB84515BS

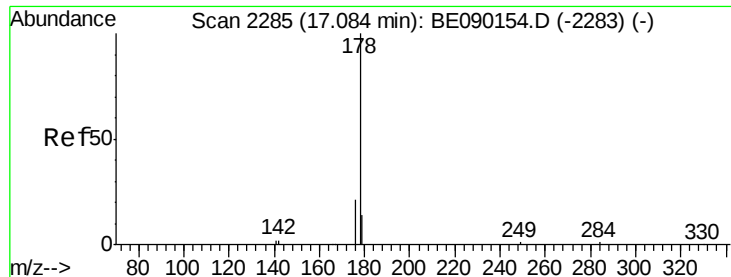
Tot Ion:266 Resp: 6404
 Ion Ratio Lower Upper
 266 100
 268 59.1 58.2 87.4
 264 70.5 55.0 82.4



#22
 Phenanthrene
 Concen: 3.48 ng
 RT: 17.00 min Scan# 2280
 Delta R.T. -0.00 min
 Lab File: BE090160.D
 Acq: 17 Jul 2015 00:00

Tgt Ion:178 Resp: 47677
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.9 23.9
 179 15.5 12.5 18.7





#23

Anthracene

Concen: 3.67 ng

RT: 17.08 min Scan# 2285

Delta R.T. -0.00 min

Lab File: BE090160.D

Acq: 17 Jul 2015 00:00

Instrument :

BNA_E

ClientSampleId :

PB84515BS

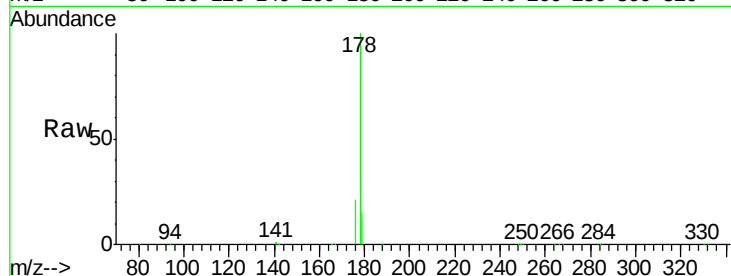
Tot Ion:178 Resp: 46722

Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.2

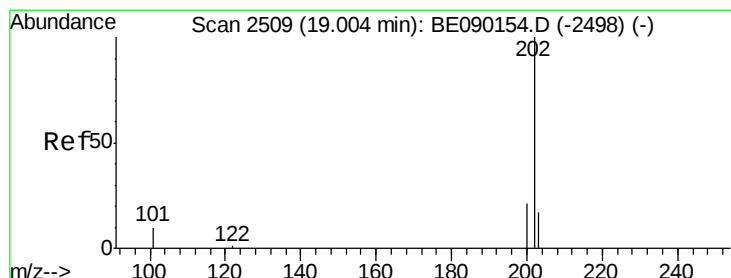
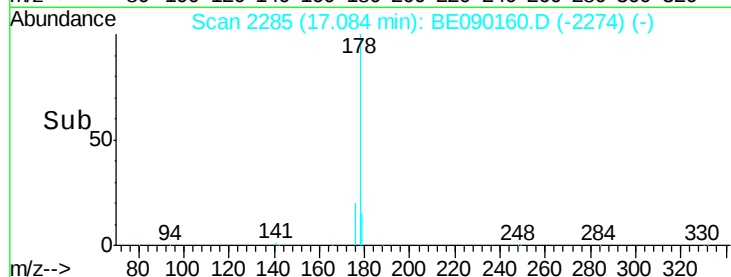
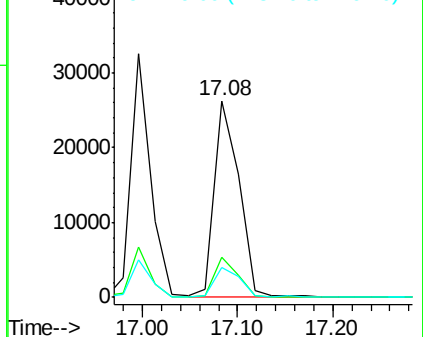
179 15.8 12.2 18.2



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: 3.58 ng

RT: 19.00 min Scan# 2509

Delta R.T. -0.00 min

Lab File: BE090160.D

Acq: 17 Jul 2015 00:00

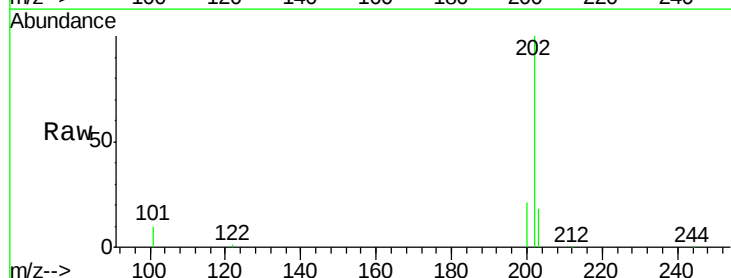
Tgt Ion:202 Resp: 54947

Ion Ratio Lower Upper

202 100

101 10.8 8.5 12.7

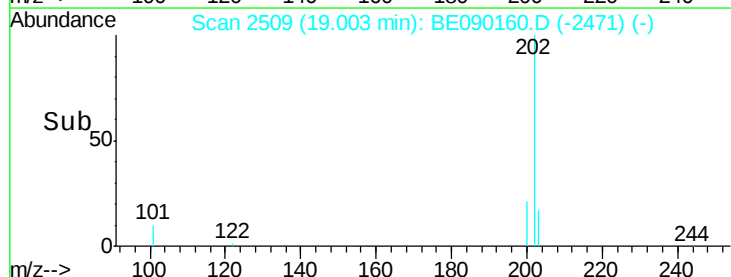
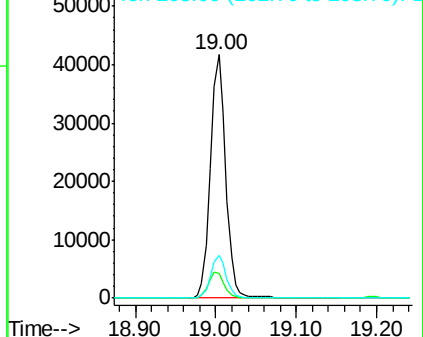
203 17.4 13.9 20.9

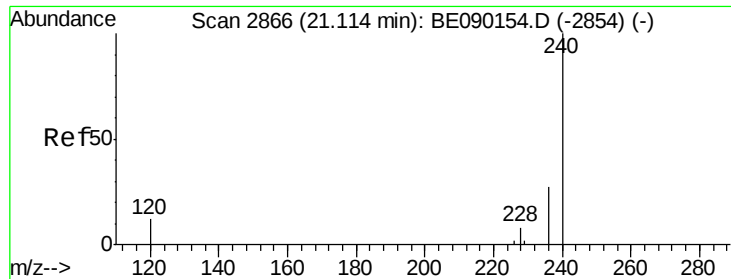


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.12 min Scan# 2867

Delta R.T. 0.01 min

Lab File: BE090160.D

Acq: 17 Jul 2015 00:00

Instrument :

BNA_E

ClientSampleId :

PB84515BS

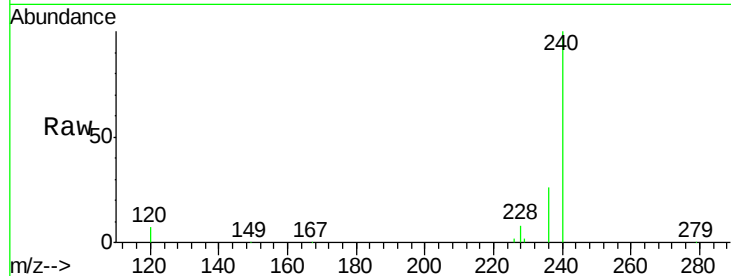
Tot Ion:240 Resp: 73710

Ion Ratio Lower Upper

240 100

120 7.4 9.4 14.0#

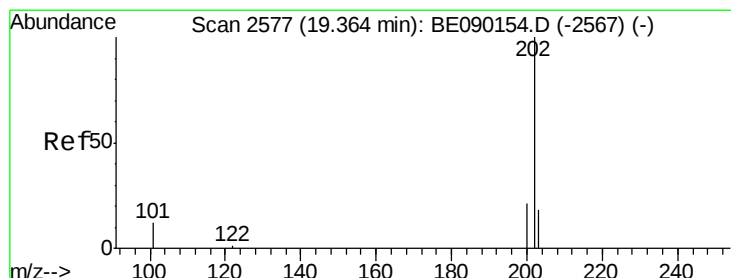
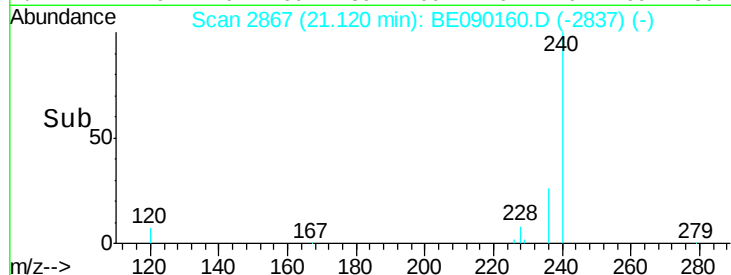
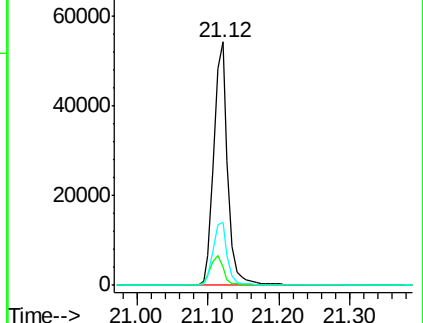
236 25.7 21.8 32.8



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: 3.53 ng

RT: 19.36 min Scan# 2577

Delta R.T. -0.00 min

Lab File: BE090160.D

Acq: 17 Jul 2015 00:00

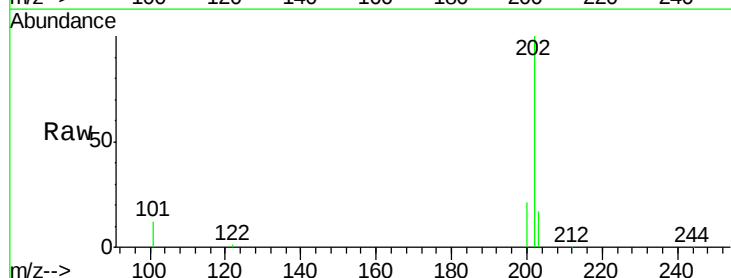
Tgt Ion:202 Resp: 58985

Ion Ratio Lower Upper

202 100

200 21.4 17.0 25.6

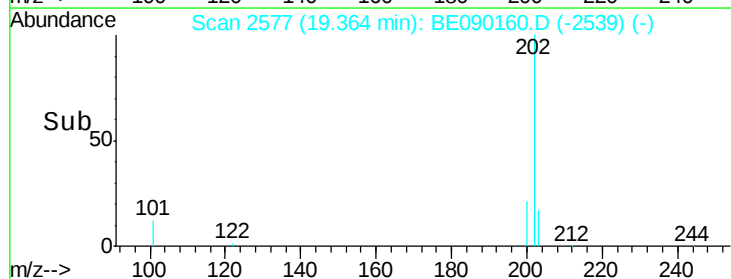
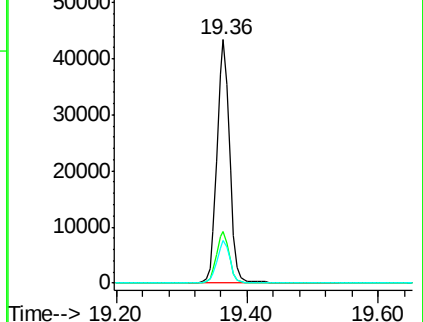
203 17.9 14.1 21.1

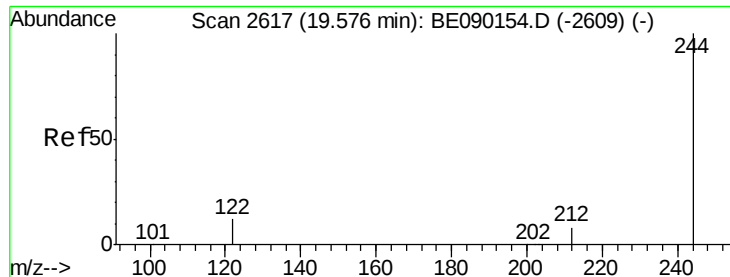


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

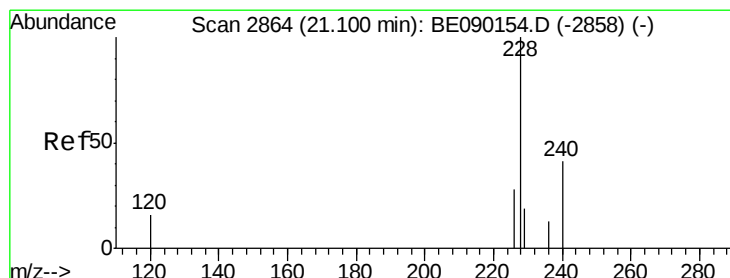
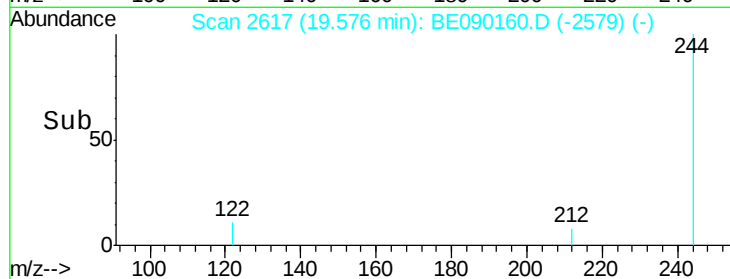
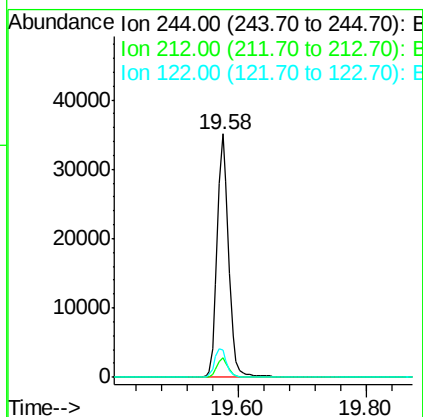
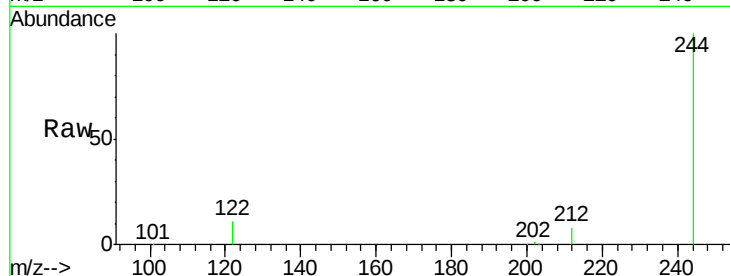




#27
 Terphenyl-d14
 Concen: 3.53 ng
 RT: 19.58 min Scan# 2617
 Delta R.T. -0.00 min
 Lab File: BE090160.D
 Acq: 17 Jul 2015 00:00

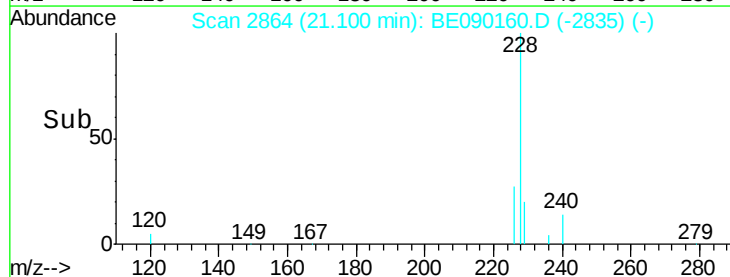
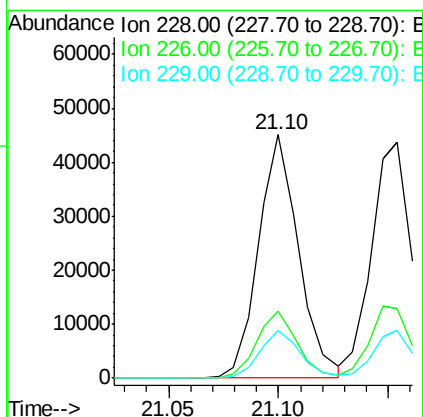
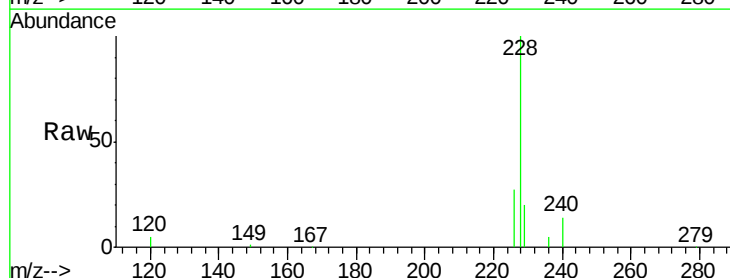
Instrument :
 BNA_E
 ClientSampleId :
 PB84515BS

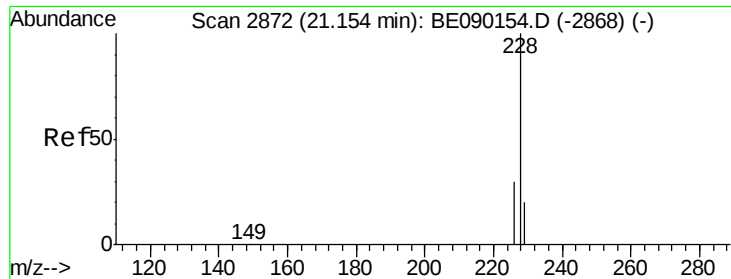
Tot Ion:244 Resp: 43538
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.5 9.7
 122 11.2 9.8 14.6



#28
 Benzo(a)anthracene
 Concen: 3.40 ng
 RT: 21.10 min Scan# 2864
 Delta R.T. -0.00 min
 Lab File: BE090160.D
 Acq: 17 Jul 2015 00:00

Tgt Ion:228 Resp: 57406
 Ion Ratio Lower Upper
 228 100
 226 27.5 22.2 33.4
 229 19.6 15.7 23.5





#29

Chrysene

Concen: 3.43 ng

RT: 21.15 min Scan# 2872

Delta R.T. -0.00 min

Lab File: BE090160.D

Acq: 17 Jul 2015 00:00

Instrument :

BNA_E

ClientSampleId :

PB84515BS

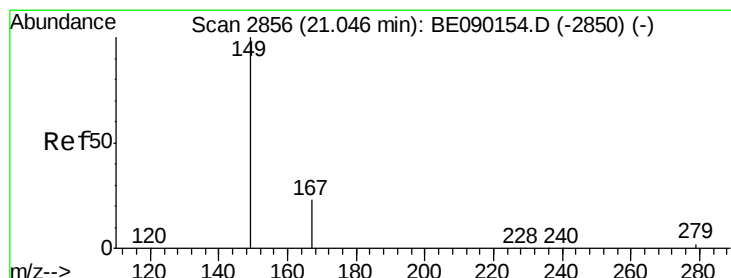
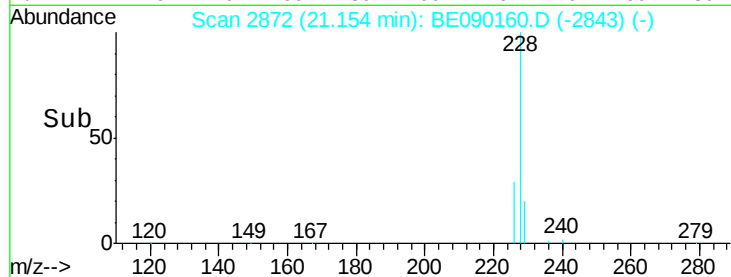
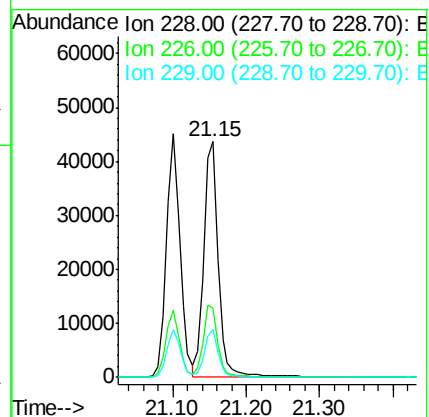
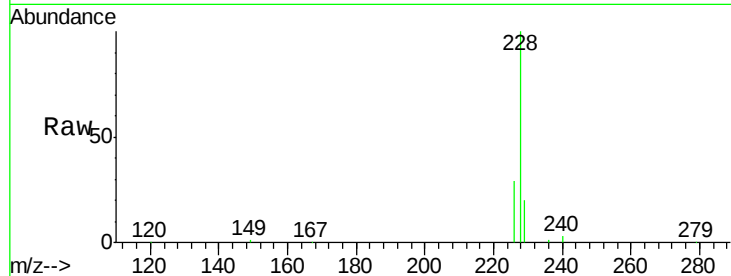
Tot Ion:228 Resp: 58488

Ion Ratio Lower Upper

228 100

226 29.5 23.8 35.8

229 20.2 16.5 24.7



#30

Bis(2-ethylhexyl)phthalate

Concen: 3.65 ng

RT: 21.05 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BE090160.D

Acq: 17 Jul 2015 00:00

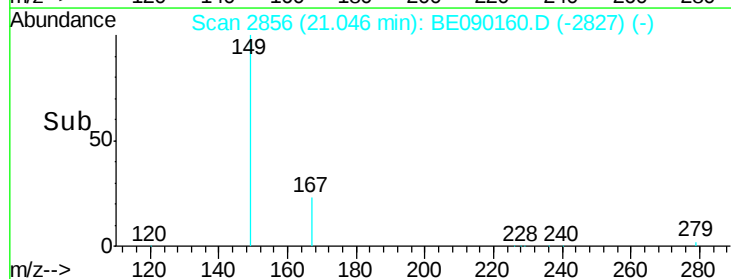
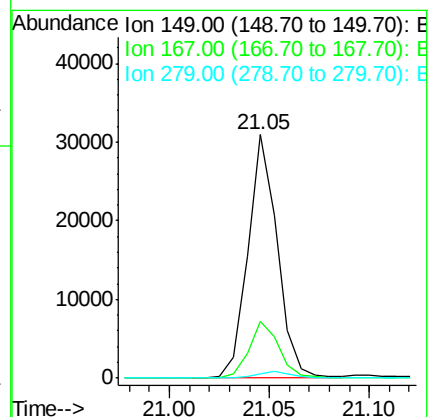
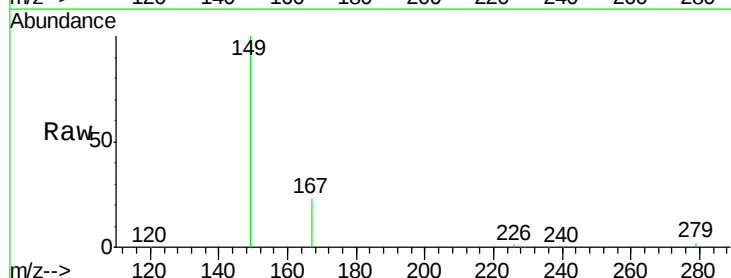
Tgt Ion:149 Resp: 31612

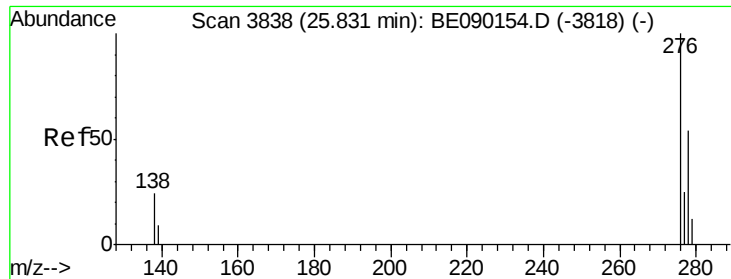
Ion Ratio Lower Upper

149 100

167 23.3 18.6 28.0

279 2.8 2.2 3.4

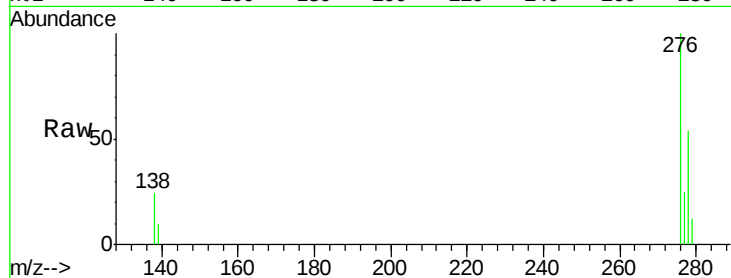




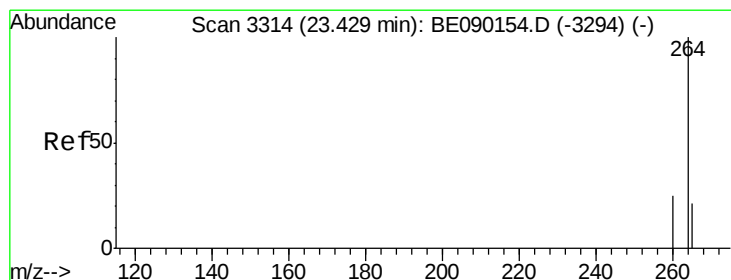
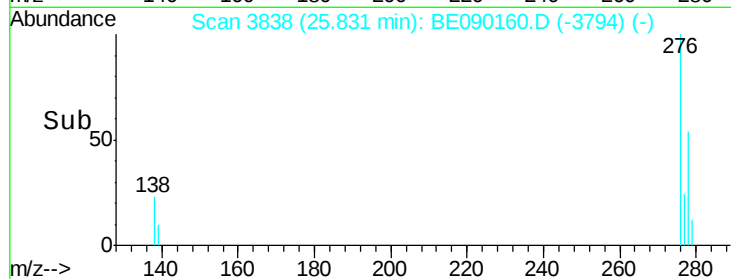
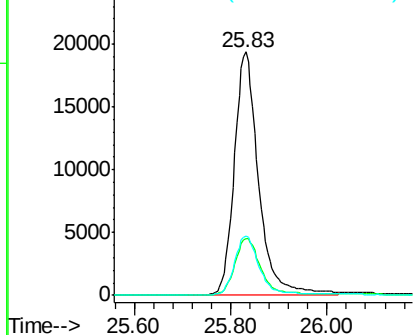
#31
 Indeno(1,2,3-cd)pyrene
 Concen: 3.38 ng
 RT: 25.83 min Scan# 3838
 Delta R.T. -0.00 min
 Lab File: BE090160.D
 Acq: 17 Jul 2015 00:00

Instrument :
 BNA_E
 ClientSampleId :
 PB84515BS

Tot Ion:276 Resp: 67419
 Ion Ratio Lower Upper
 276 100
 138 24.8 19.5 29.3
 277 24.8 19.8 29.6

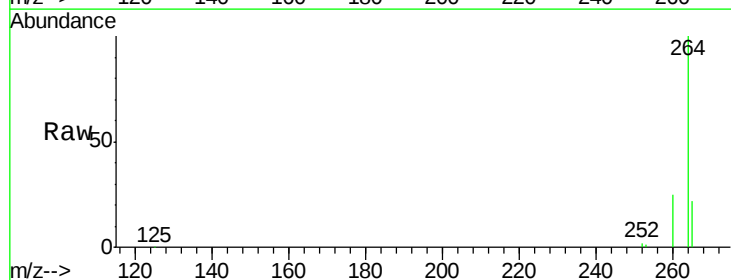


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

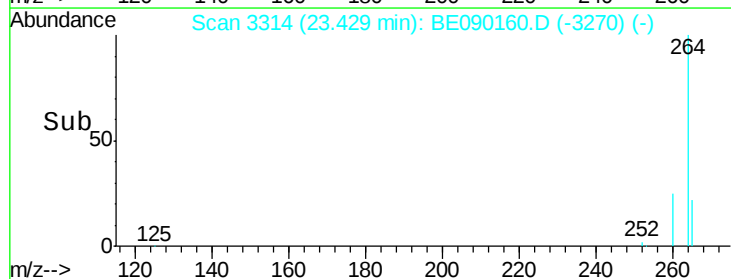
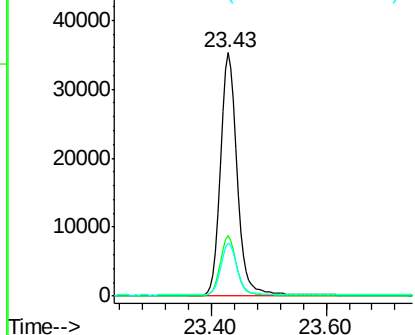


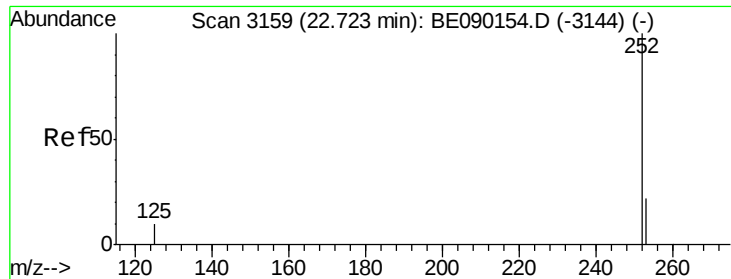
#32
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.43 min Scan# 3314
 Delta R.T. -0.00 min
 Lab File: BE090160.D
 Acq: 17 Jul 2015 00:00

Tgt Ion:264 Resp: 73068
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.8 29.8
 265 21.9 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: 3.62 ng

RT: 22.72 min Scan# 3159

Delta R.T. -0.00 min

Lab File: BE090160.D

Acq: 17 Jul 2015 00:00

Instrument :

BNA_E

ClientSampleId :

PB84515BS

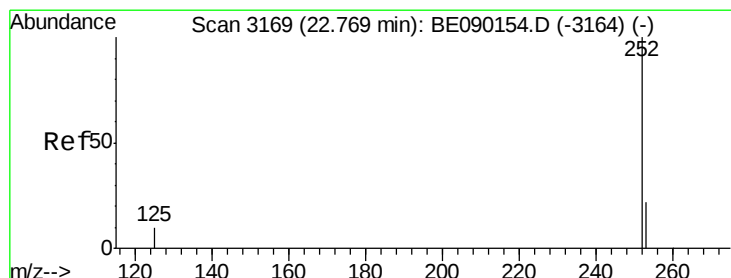
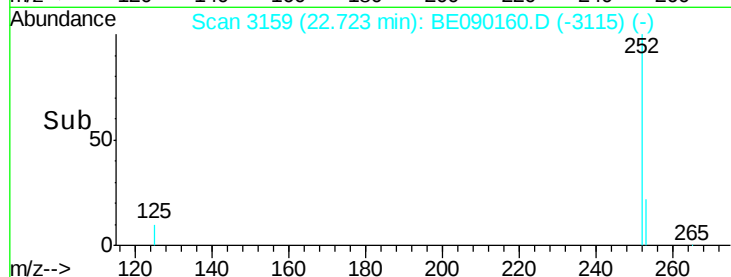
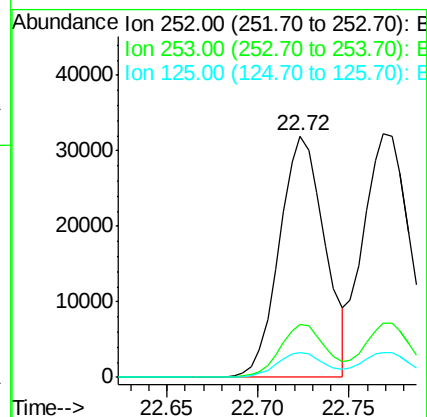
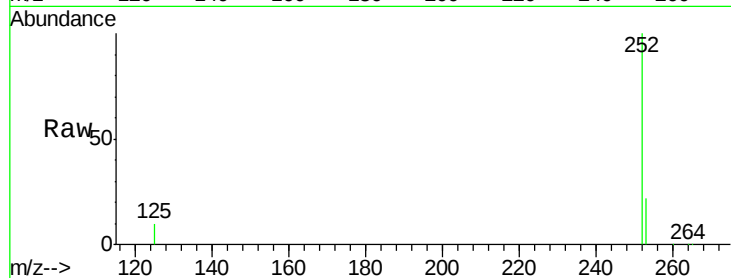
Tot Ion:252 Resp: 55211

Ion Ratio Lower Upper

252 100

253 22.1 17.9 26.9

125 10.4 8.7 13.1



#34

Benzo(k)fluoranthene

Concen: 3.56 ng

RT: 22.77 min Scan# 3169

Delta R.T. -0.00 min

Lab File: BE090160.D

Acq: 17 Jul 2015 00:00

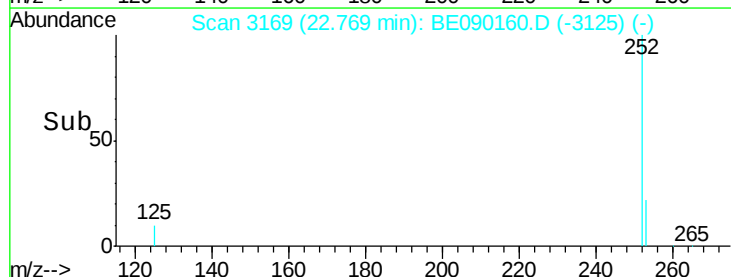
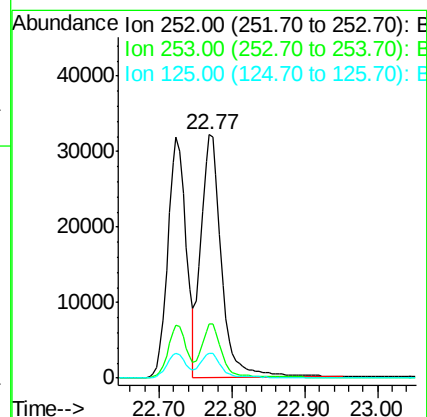
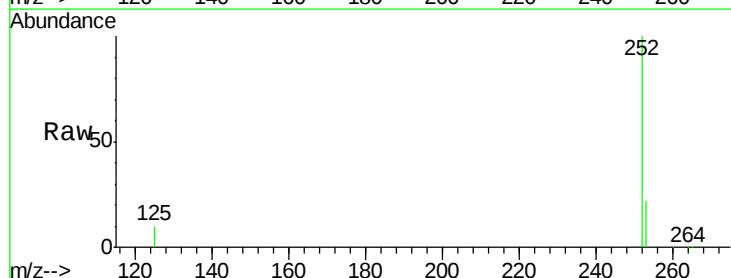
Tgt Ion:252 Resp: 62111

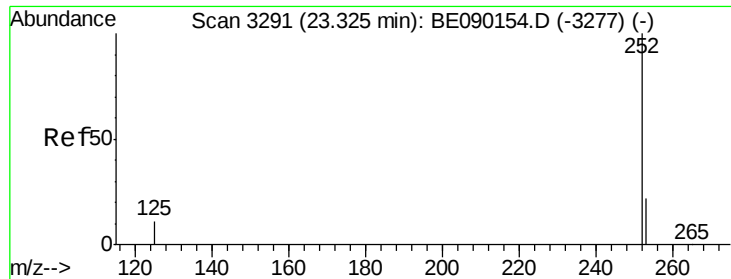
Ion Ratio Lower Upper

252 100

253 22.2 18.1 27.1

125 10.3 8.7 13.1





#35

Benzo(a)pyrene

Concen: 3.69 ng

RT: 23.32 min Scan# 3291

Delta R.T. -0.00 min

Lab File: BE090160.D

Acq: 17 Jul 2015 00:00

Instrument :

BNA_E

ClientSampleId :

PB84515BS

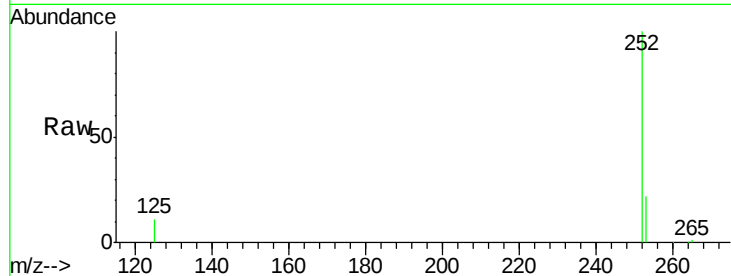
Tot Ion:252 Resp: 54515

Ion Ratio Lower Upper

252 100

253 22.0 18.0 27.0

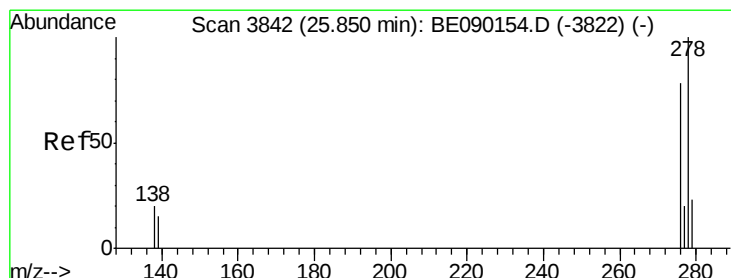
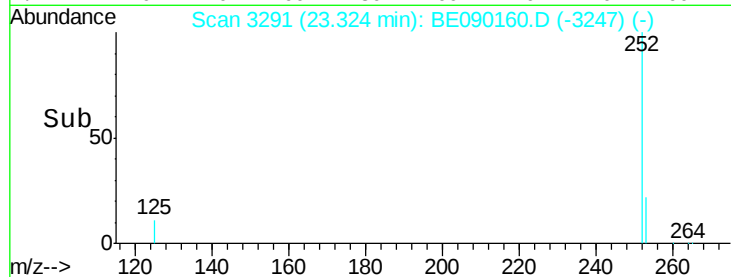
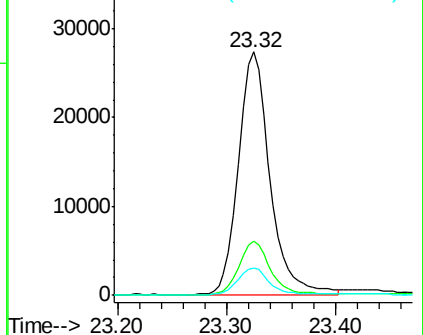
125 11.4 9.4 14.0



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: 3.55 ng

RT: 25.85 min Scan# 3842

Delta R.T. -0.00 min

Lab File: BE090160.D

Acq: 17 Jul 2015 00:00

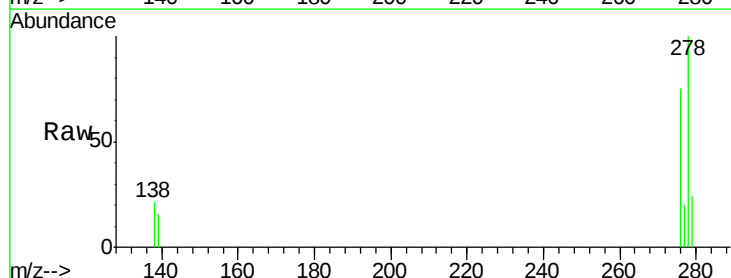
Tgt Ion:278 Resp: 55352

Ion Ratio Lower Upper

278 100

139 15.7 12.9 19.3

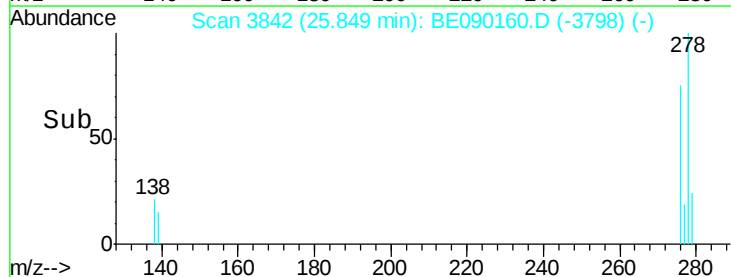
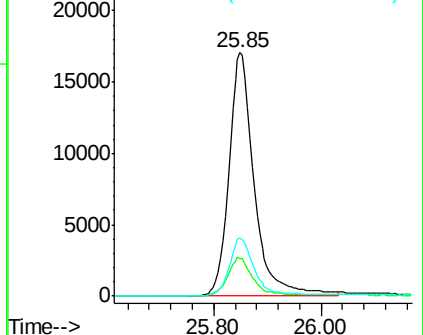
279 24.0 19.3 28.9

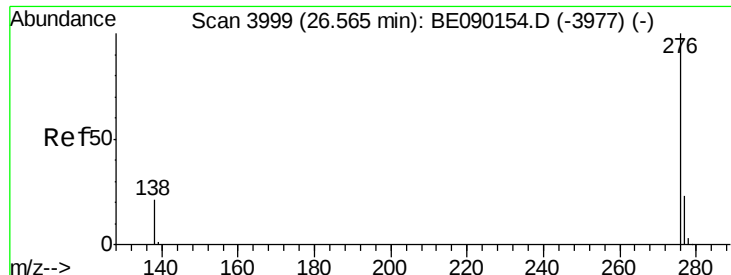


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#37

Benzo(a,h,i)perylene

Concen: 3.53 ng

RT: 26.56 min Scan# 3999

Delta R.T. -0.00 min

Lab File: BE090160.D

Acq: 17 Jul 2015 00:00

Instrument :

BNA_E

ClientSampleId :

PB84515BS

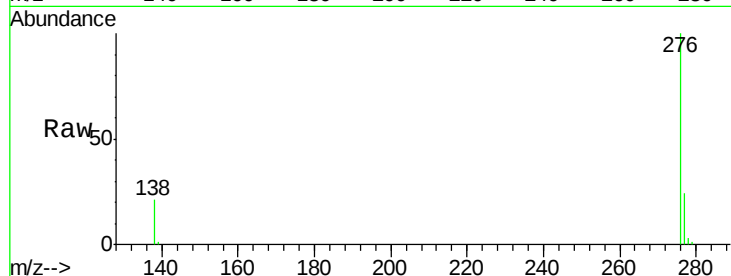
Tot Ion: 276 Resp: 56814

Ion Ratio Lower Upper

276 100

277 24.1 19.0 28.6

138 21.3 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

