

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081715\
 Data File : BE090551.D
 Acq On : 18 Aug 2015 2:11
 Operator : UM/IZ
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 18 06:12:31 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

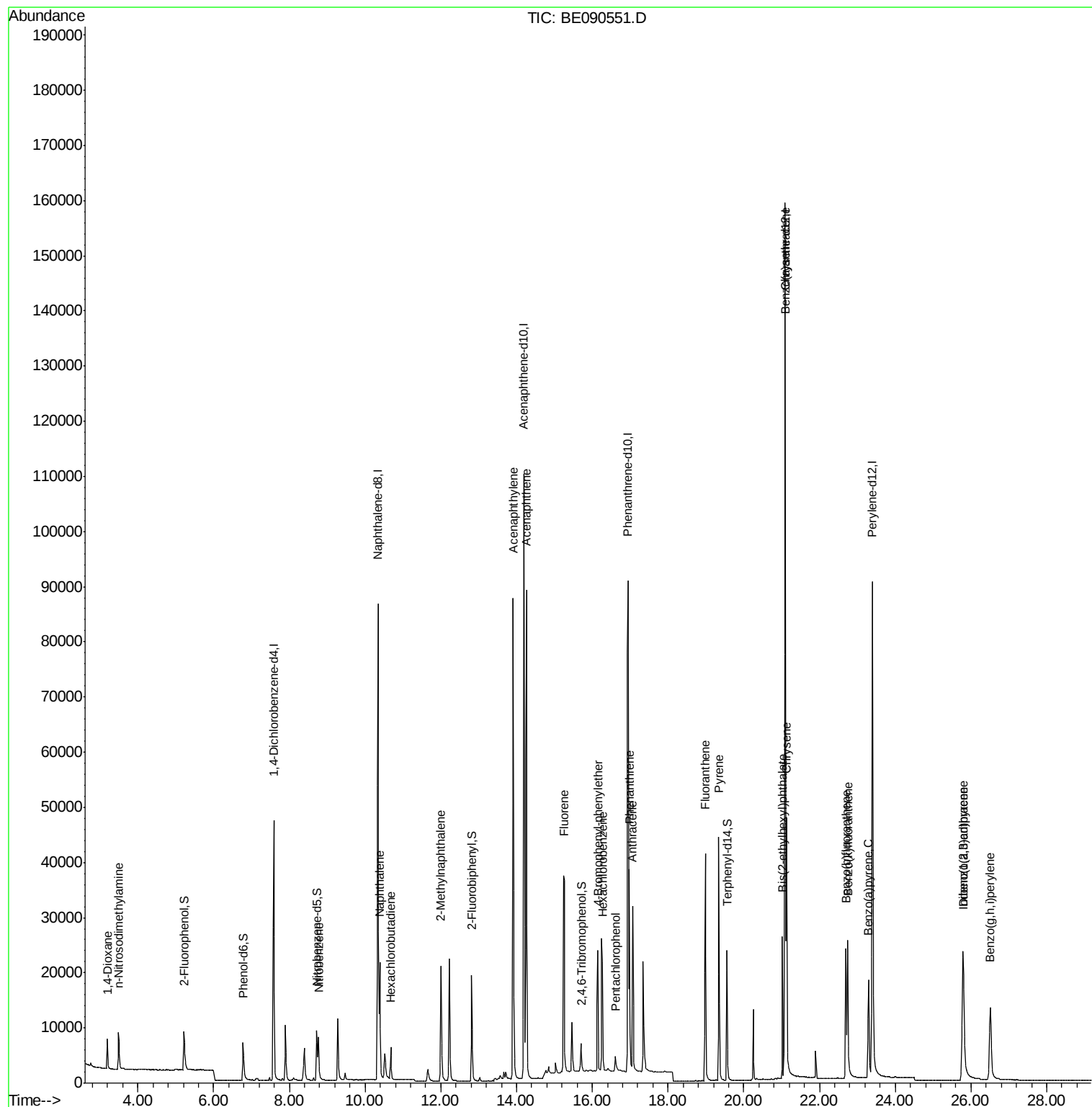
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	24632	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	125082	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	68737	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	145840	5.00	ng	0.00
25) Chrysene-d12	21.09	240	146360	5.00	ng	0.00
32) Perylene-d12	23.40	264	134685	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	7514	1.06	ng	0.00
5) Phenol-d6	6.78	99	10936	1.04	ng	0.00
7) Nitrobenzene-d5	8.72	82	9881	0.99	ng	0.00
13) 2,4,6-Tribromophenol	15.71	330	2773	1.05	ng	0.00
14) 2-Fluorobiphenyl	12.82	172	20648	1.01	ng	0.00
27) Terphenyl-d14	19.55	244	27098	1.01	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	3141	1.06	ng	95
3) n-Nitrosodimethylamine	3.49	42	4105	0.97	ng	# 73
8) Nitrobenzene	8.77	77	10183	0.99	ng	96
9) Naphthalene	10.38	128	27770	0.98	ng	99
10) Hexachlorobutadiene	10.68	225	4105	0.98	ng	99
11) 2-Methylnaphthalene	12.01	142	18665	1.01	ng	97
15) Acenaphthylene	13.91	152	126111	1.00	ng	100
16) Acenaphthene	14.26	154	18783	0.99	ng	# 77
17) Fluorene	15.26	166	22400	0.97	ng	98
19) 4-Bromophenyl-phenylether	16.14	248	6267	1.05	ng	84
20) Hexachlorobenzene	16.27	284	27362	1.04	ng	96
21) Pentachlorophenol	16.61	266	2216	0.96	ng	91
22) Phenanthrene	16.98	178	38100	1.00	ng	99
23) Anthracene	17.07	178	36031	1.02	ng	100
24) Fluoranthene	18.98	202	40674	1.00	ng	99
26) Pyrene	19.34	202	42166	1.01	ng	100
28) Benzo(a)anthracene	21.08	228	37639	0.98	ng	98
29) Chrysene	21.13	228	39091	0.99	ng	98
30) Bis(2-ethylhexyl)phthalate	21.02	149	23228	1.12	ng	97
31) Indeno(1,2,3-cd)pyrene	25.78	276	36688	0.99	ng	# 92
33) Benzo(b)fluoranthene	22.70	252	31998	1.00	ng	99
34) Benzo(k)fluoranthene	22.74	252	36862	1.02	ng	99
35) Benzo(a)pyrene	23.29	252	30362	1.02	ng	# 96
36) Dibenzo(a,h)anthracene	25.80	278	28628	0.99	ng	96
37) Benzo(g,h,i)perylene	26.51	276	32052	1.02	ng	96

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

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081715\
Data File : BE090551.D
Acq On : 18 Aug 2015 2:11
Operator : UM/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Aug 18 06:12:31 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: 7.58 min Scan# 845

Delta R.T. -0.00 min

Lab File: BE090551.D

Acq: 18 Aug 2015 2:11

Instrument :

BNA_E

ClientSampleId :

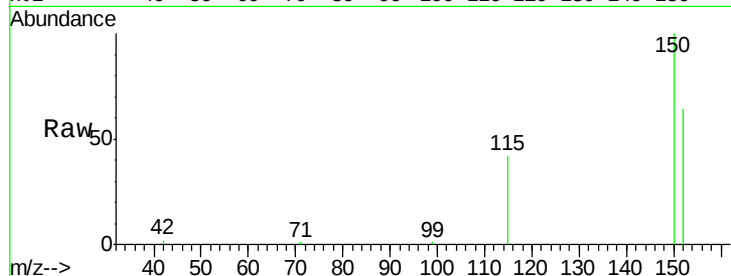
Tot Ion:152 Resp: 24632

Ion Ratio Lower Upper

152 100

150 155.3 123.0 184.4

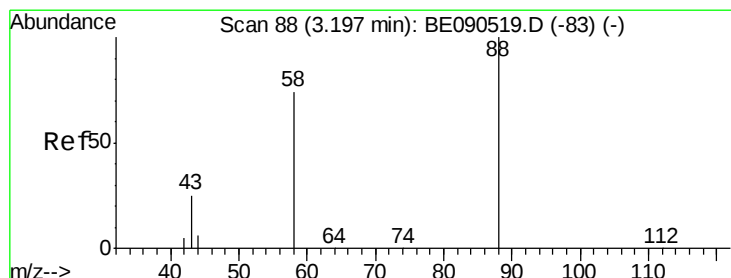
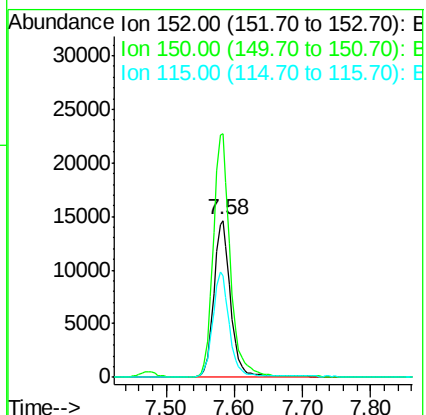
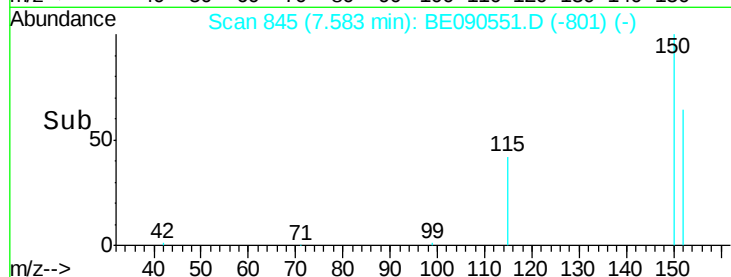
115 64.9 48.9 73.3



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: 1.06 ng

RT: 3.19 min Scan# 88

Delta R.T. -0.00 min

Lab File: BE090551.D

Acq: 18 Aug 2015 2:11

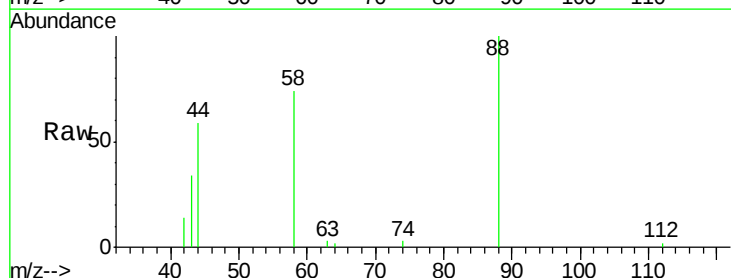
Tgt Ion: 88 Resp: 3141

Ion Ratio Lower Upper

88 100

58 83.6 70.0 105.0

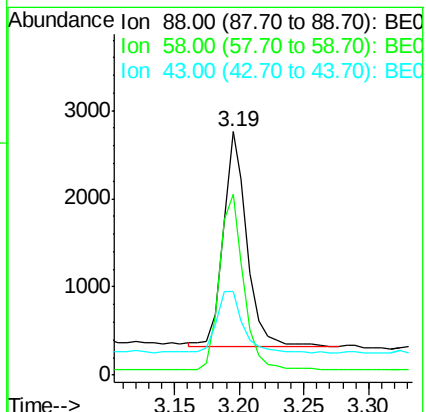
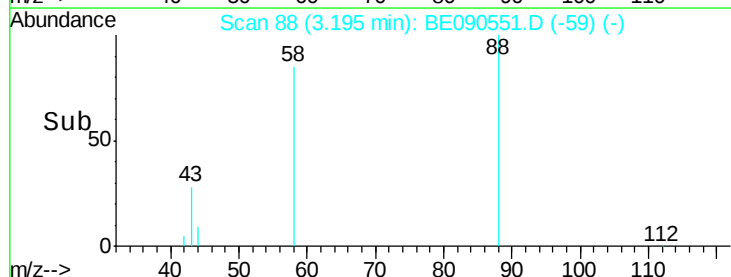
43 32.4 28.4 42.6



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



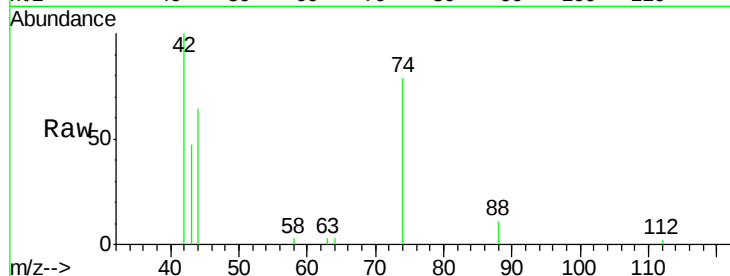


#3

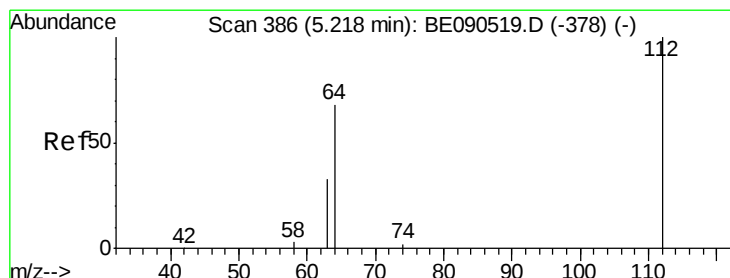
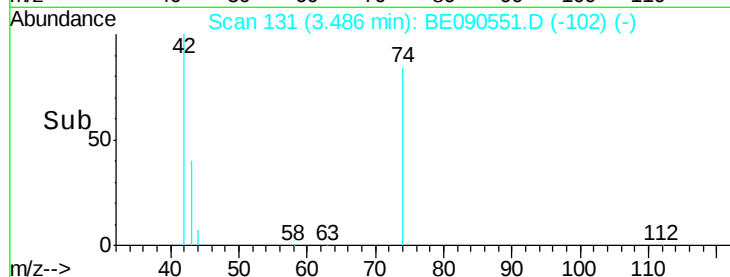
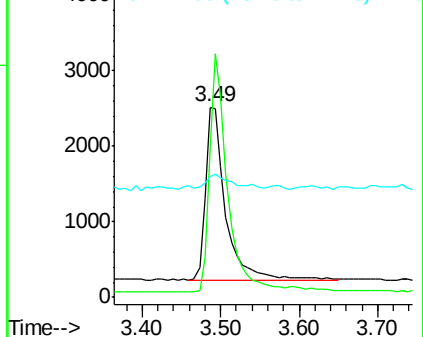
n-Nitrosodimethylamine
 Concen: 0.97 ng
 RT: 3.49 min Scan# 131
 Delta R.T. -0.00 min
 Lab File: BE090551.D
 Acq: 18 Aug 2015 2:11

Instrument :
 BNA_E
 ClientSampled :

Tot Ion: 42 Resp: 4105
 Ion Ratio Lower Upper
 42 100
 74 122.9 75.2 112.8#
 44 9.4 8.7 13.1



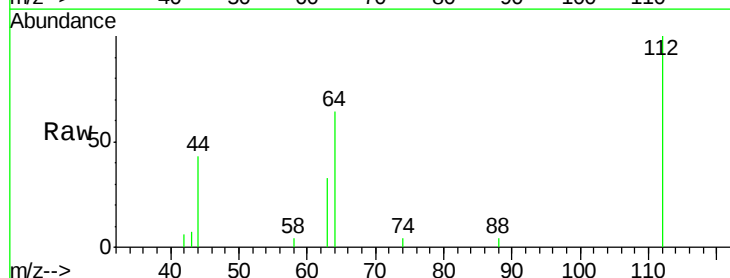
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



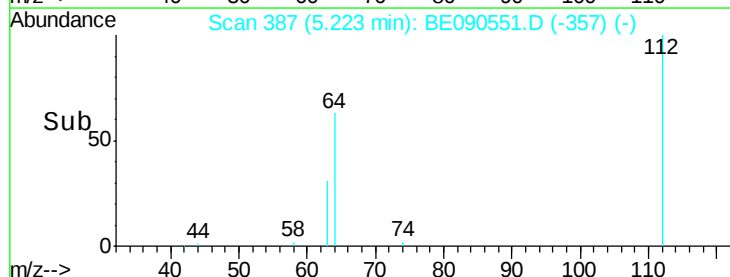
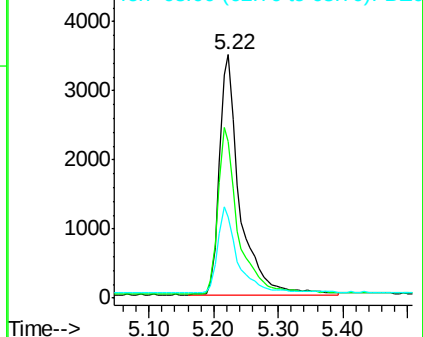
#4

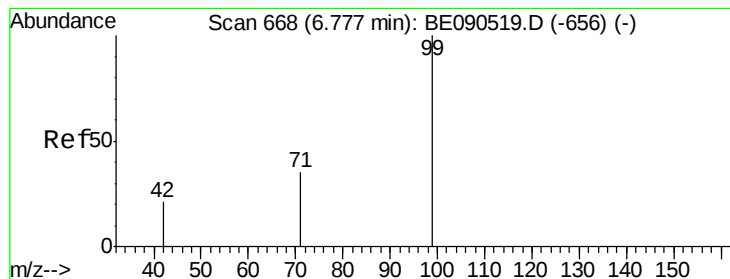
2-Fluorophenol
 Concen: 1.06 ng
 RT: 5.22 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: BE090551.D
 Acq: 18 Aug 2015 2:11

Tgt Ion: 112 Resp: 7514
 Ion Ratio Lower Upper
 112 100
 64 68.9 37.1 55.7#
 63 35.1 19.5 29.3#



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: 1.04 ng

RT: 6.78 min Scan# 668

Delta R.T. -0.00 min

Lab File: BE090551.D

Acq: 18 Aug 2015 2:11

Instrument :

BNA_E

ClientSampled :

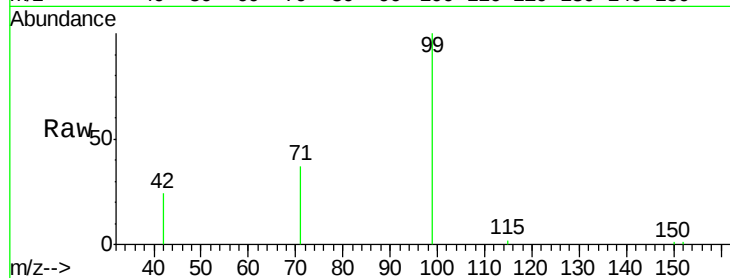
Tot Ion: 99 Resp: 10936

Ion Ratio Lower Upper

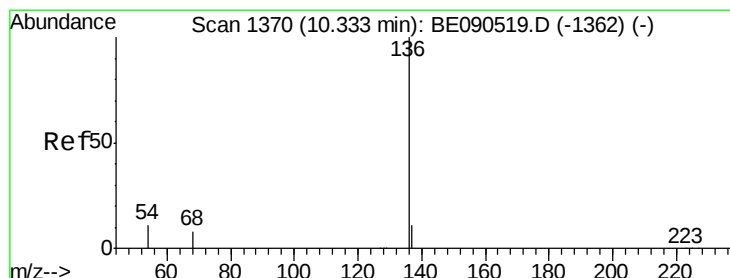
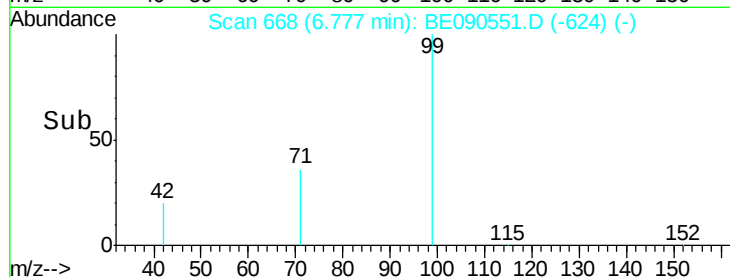
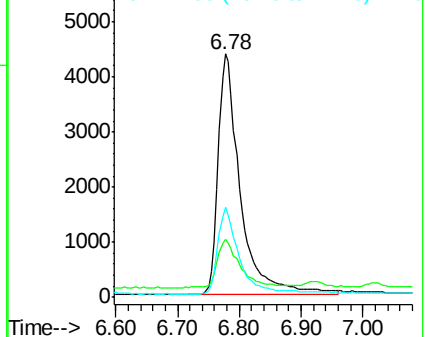
99 100

42 19.8 18.2 27.4

71 33.7 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: 10.34 min Scan# 1371

Delta R.T. 0.01 min

Lab File: BE090551.D

Acq: 18 Aug 2015 2:11

Tgt Ion: 136 Resp: 125082

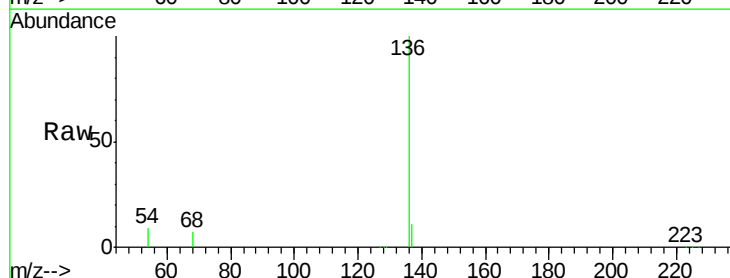
Ion Ratio Lower Upper

136 100

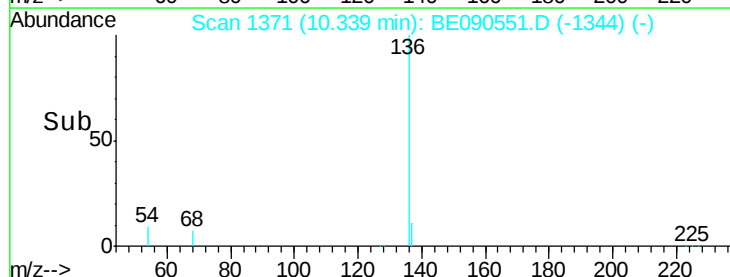
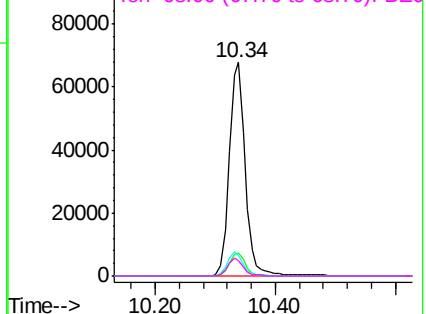
137 10.9 8.7 13.1

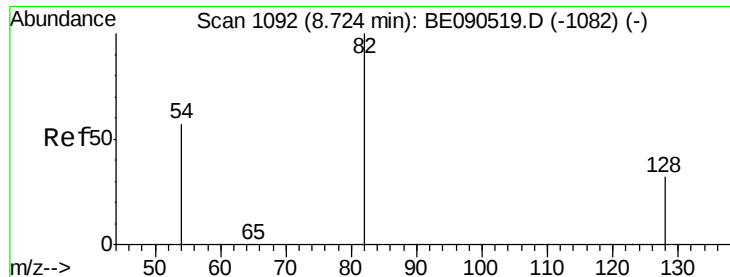
54 9.5 9.4 14.0

68 7.3 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: 0.99 ng

RT: 8.72 min Scan# 1092

Delta R.T. 0.00 min

Lab File: BE090551.D

Acq: 18 Aug 2015 2:11

Instrument :

BNA_E

ClientSampleId :

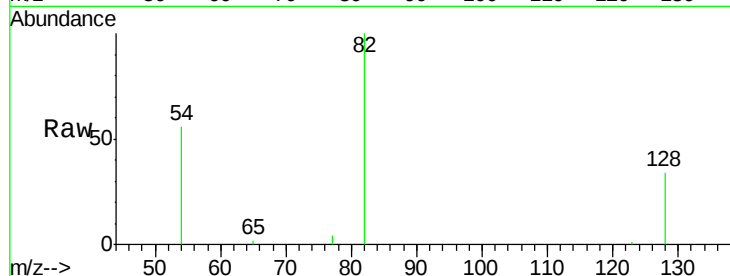
Tot Ion: 82 Resp: 9881

Ion Ratio Lower Upper

82 100

128 34.2 25.0 37.6

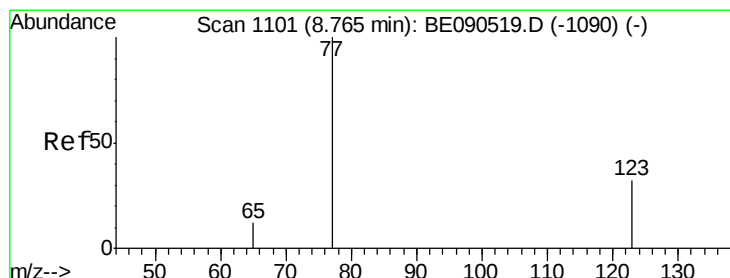
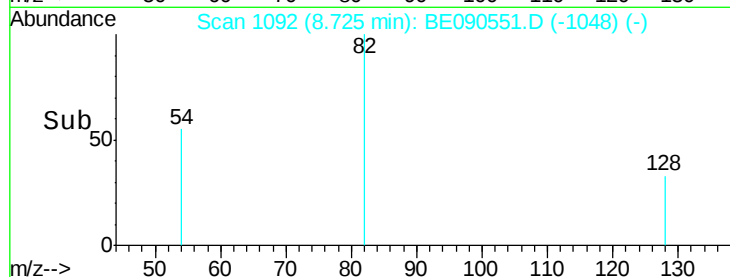
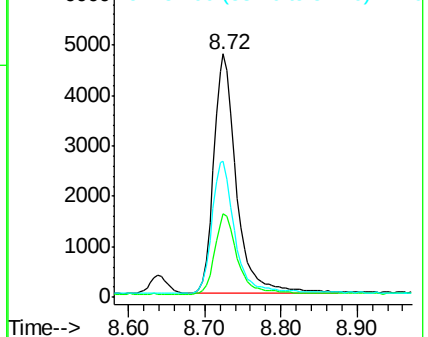
54 56.1 48.8 73.2



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: 0.99 ng

RT: 8.77 min Scan# 1101

Delta R.T. 0.00 min

Lab File: BE090551.D

Acq: 18 Aug 2015 2:11

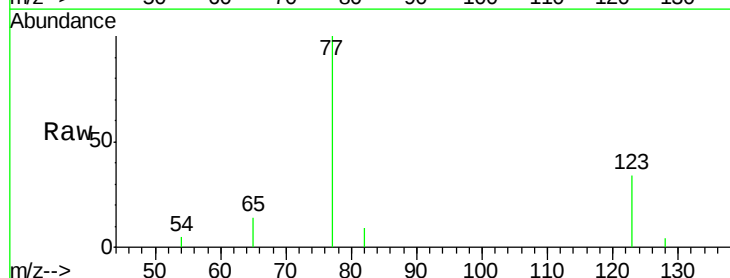
Tgt Ion: 77 Resp: 10183

Ion Ratio Lower Upper

77 100

123 34.0 25.1 37.7

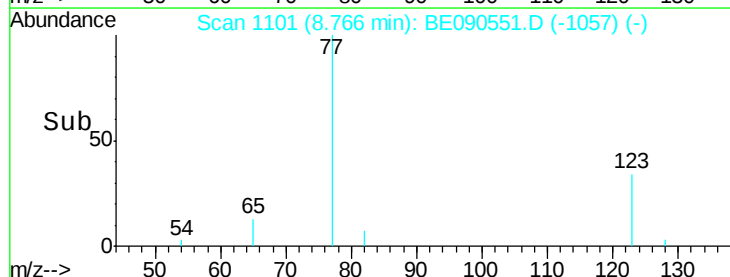
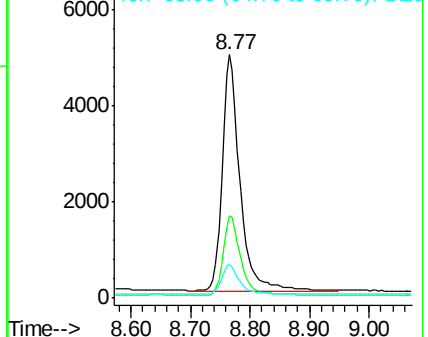
65 12.7 9.3 13.9

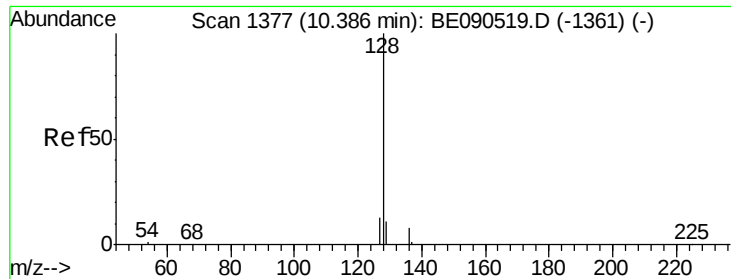


Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0





#9

Naphthalene

Concen: 0.98 ng

RT: 10.38 min Scan# 1377

Delta R.T. -0.00 min

Lab File: BE090551.D

Acq: 18 Aug 2015 2:11

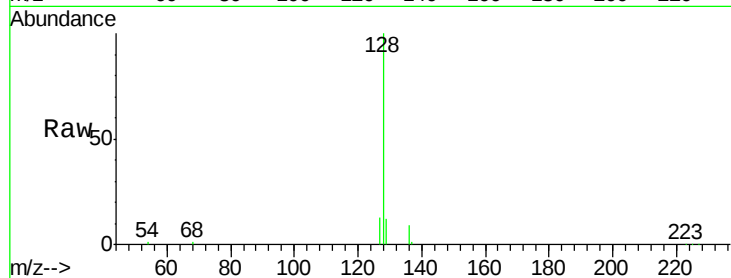
Instrument :

BNA_E

ClientSampleId :

Tot Ion:128 Resp: 27770

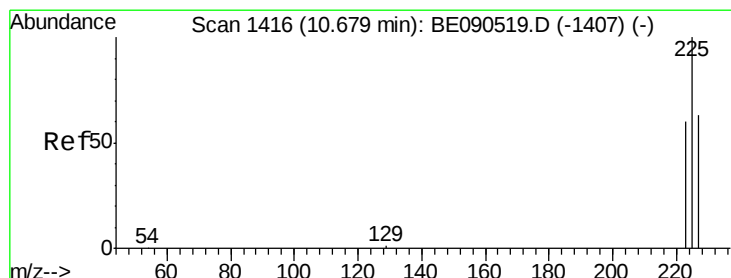
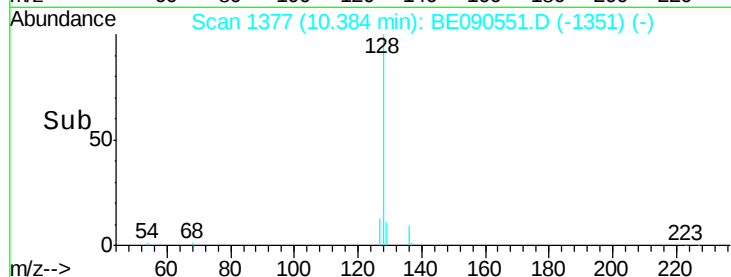
Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.8	14.6
127	13.2	10.6	16.0



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: 0.98 ng

RT: 10.68 min Scan# 1416

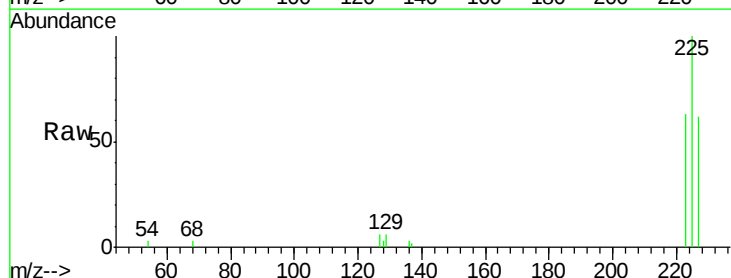
Delta R.T. -0.00 min

Lab File: BE090551.D

Acq: 18 Aug 2015 2:11

Tgt Ion:225 Resp: 4105

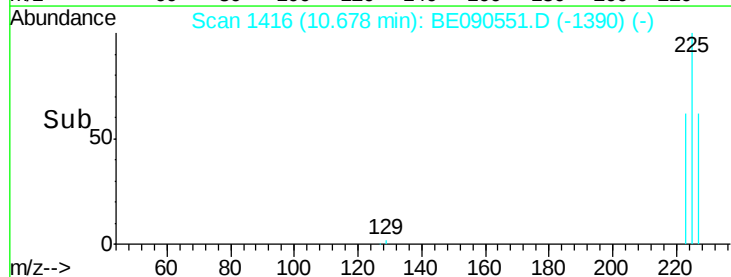
Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.6	75.8
227	63.3	50.7	76.1



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: 1.01 ng

RT: 12.01 min Scan# 1649

Delta R.T. 0.00 min

Lab File: BE090551.D

Acq: 18 Aug 2015 2:11

Instrument :

BNA_E

ClientSampleId :

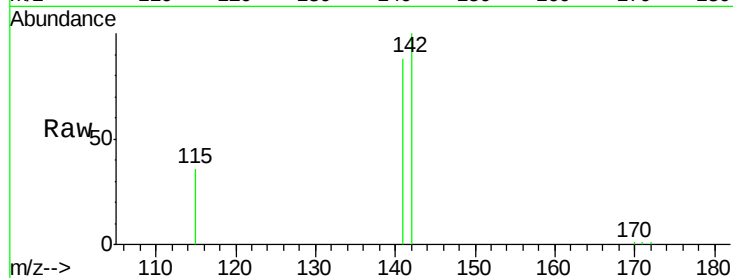
Tot Ion:142 Resp: 18665

Ion Ratio Lower Upper

142 100

141 88.4 72.6 109.0

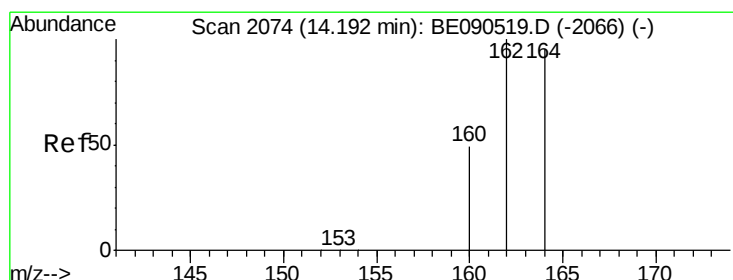
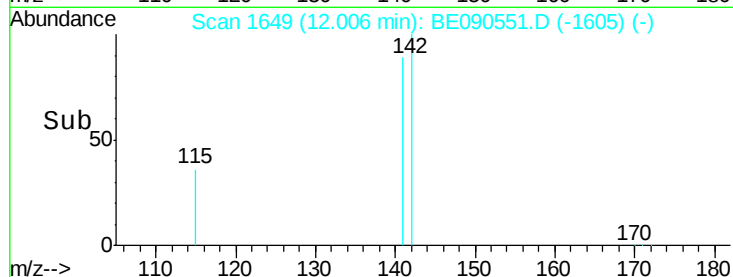
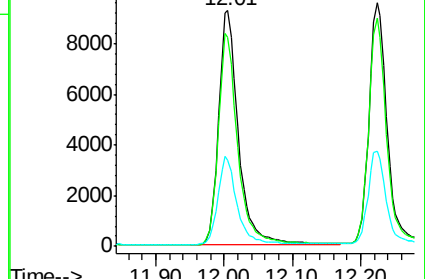
115 36.3 31.6 47.4



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: BE090551.D

Acq: 18 Aug 2015 2:11

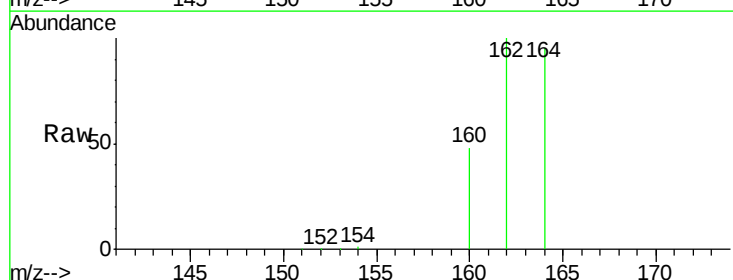
Tgt Ion:164 Resp: 68737

Ion Ratio Lower Upper

164 100

162 105.6 81.8 122.8

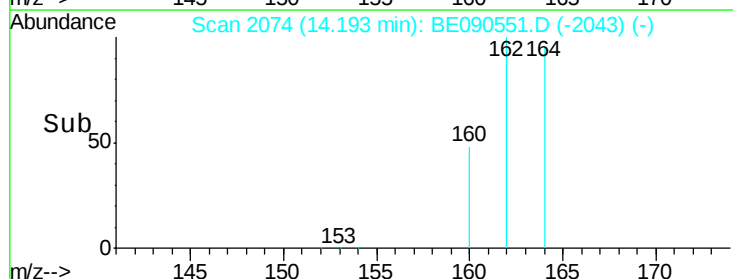
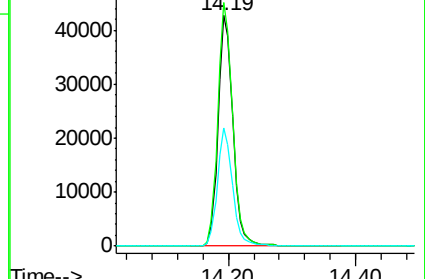
160 51.0 44.2 66.4



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

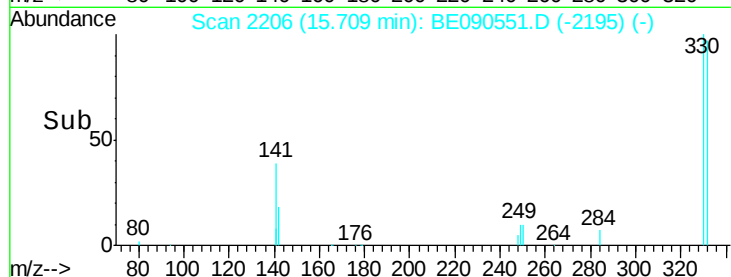
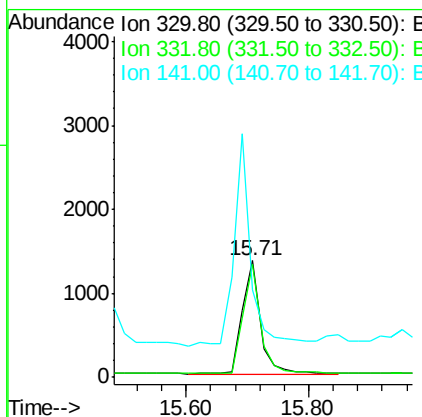
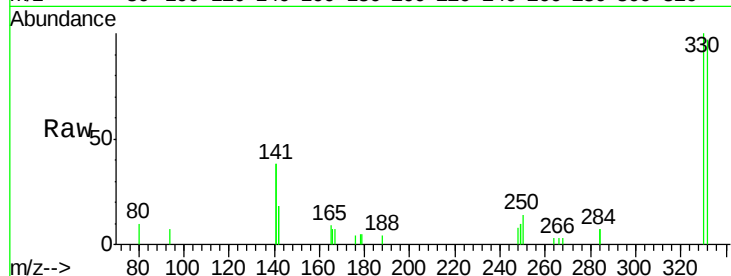




#13
 2,4,6-Tribromophenol
 Concen: 1.05 ng
 RT: 15.71 min Scan# 2206
 Delta R.T. -0.00 min
 Lab File: BE090551.D
 Acq: 18 Aug 2015 2:11

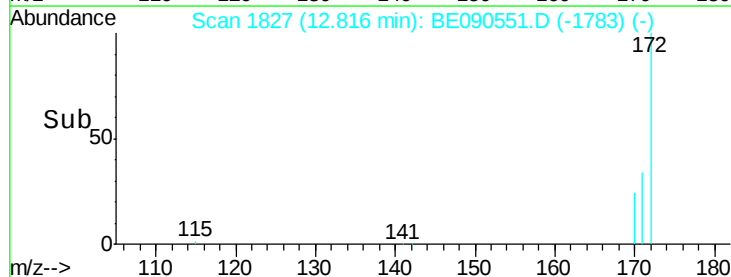
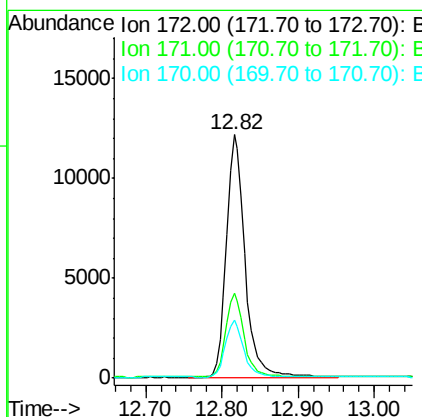
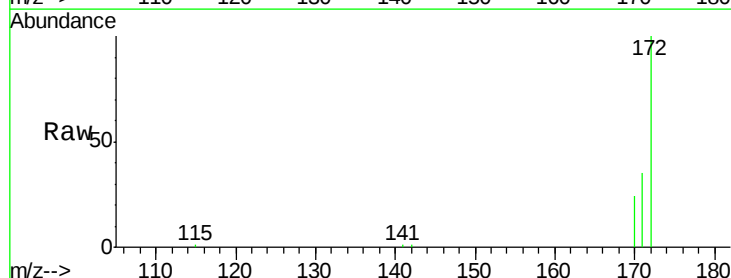
Instrument :
 BNA_E
 ClientSampleId :

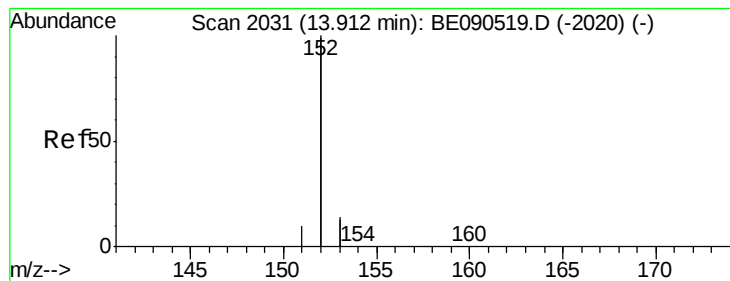
Tot Ion:330 Resp: 2773
 Ion Ratio Lower Upper
 330 100
 332 95.1 75.8 113.6
 141 173.9 114.4 171.6#



#14
 2-Fluorobiphenyl
 Concen: 1.01 ng
 RT: 12.82 min Scan# 1827
 Delta R.T. 0.00 min
 Lab File: BE090551.D
 Acq: 18 Aug 2015 2:11

Tgt Ion:172 Resp: 20648
 Ion Ratio Lower Upper
 172 100
 171 34.6 28.5 42.7
 170 23.9 19.8 29.8





#15

Acenaphthylene

Concen: 1.00 ng

RT: 13.91 min Scan# 2031

Delta R.T. 0.00 min

Lab File: BE090551.D

Acq: 18 Aug 2015 2:11

Instrument :

BNA_E

ClientSampleId :

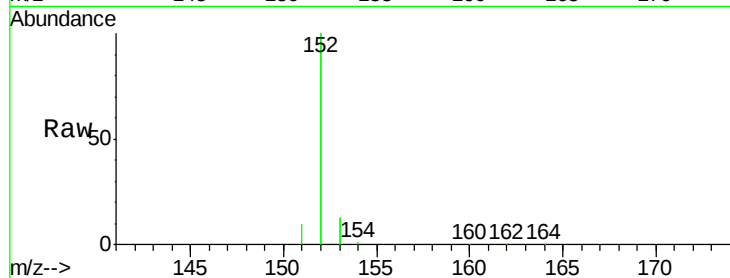
Tot Ion:152 Resp: 126111

Ion Ratio Lower Upper

152 100

151 4.8 3.8 5.8

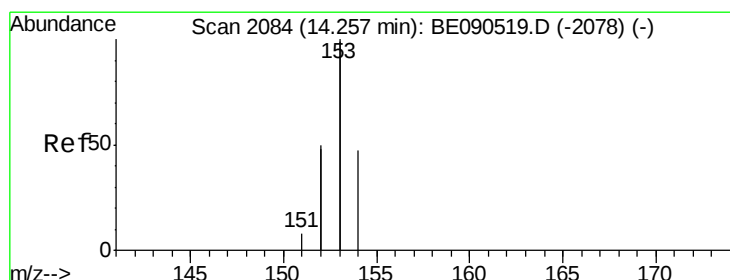
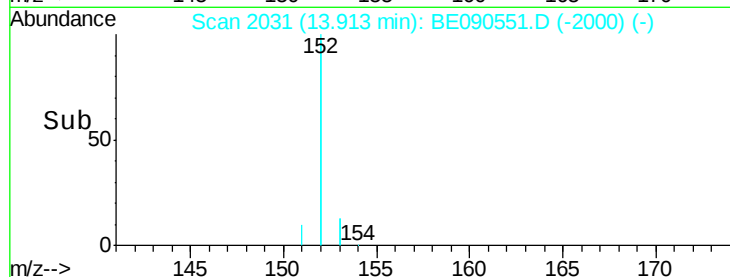
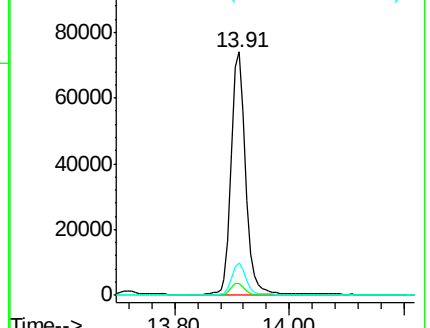
153 13.0 10.3 15.5



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: 0.99 ng

RT: 14.26 min Scan# 2084

Delta R.T. 0.00 min

Lab File: BE090551.D

Acq: 18 Aug 2015 2:11

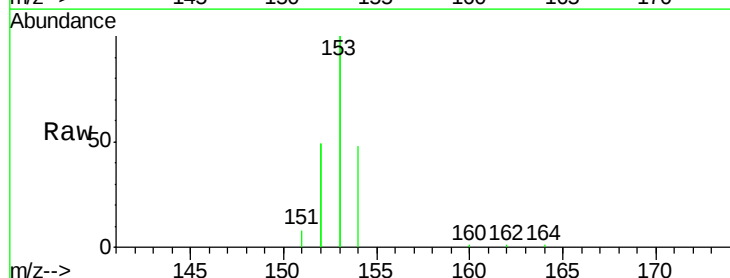
Tgt Ion:154 Resp: 18783

Ion Ratio Lower Upper

154 100

153 434.7 376.2 564.2

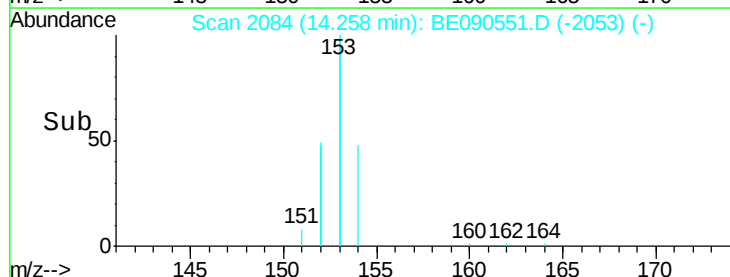
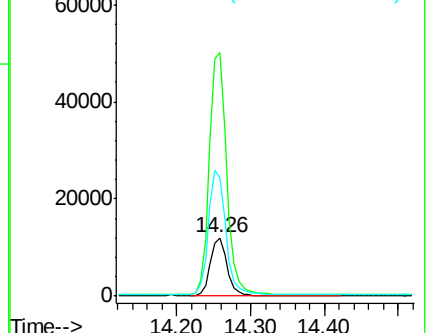
152 221.4 235.0 352.4#

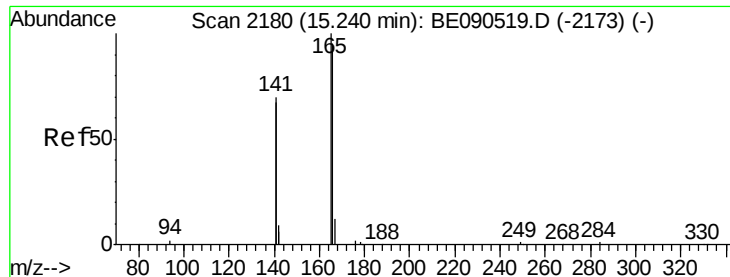


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

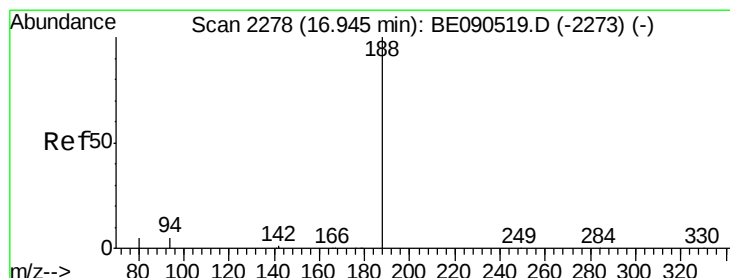
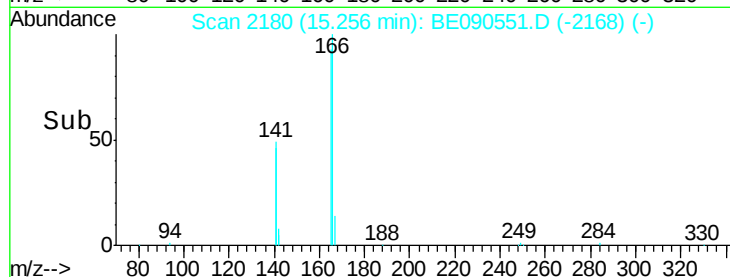
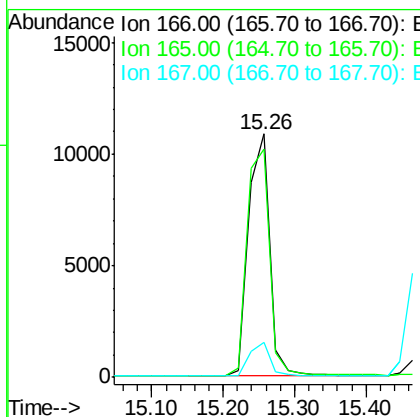
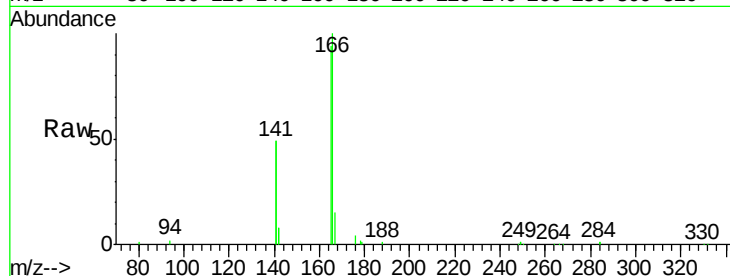




#17
Fluorene
 Concen: 0.97 ng
 RT: 15.26 min Scan# 2180
 Delta R.T. 0.02 min
 Lab File: BE090551.D
 Acq: 18 Aug 2015 2:11

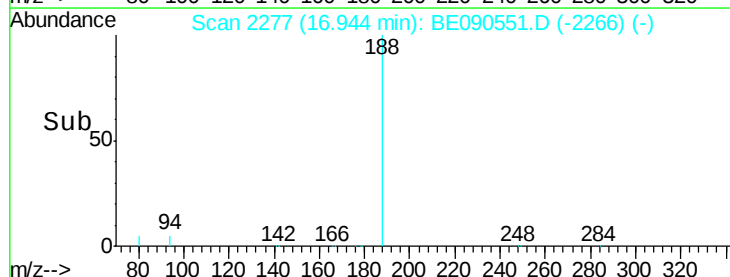
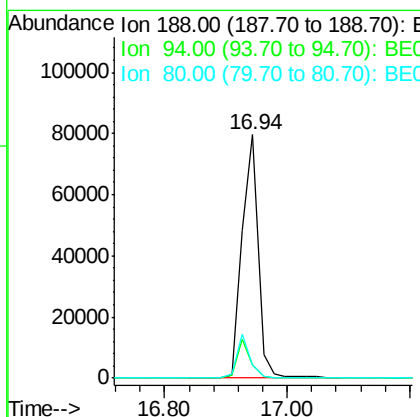
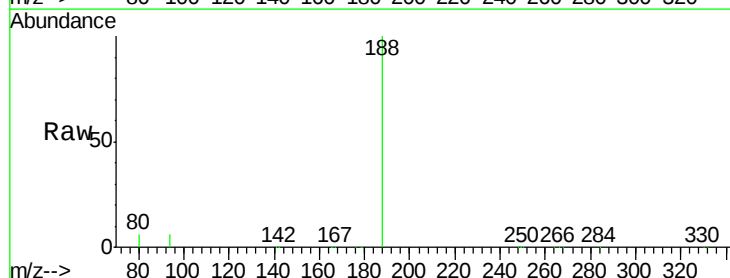
Instrument :
 BNA_E
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
166	100		
165	100.2	81.5	122.3
167	14.0	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: BE090551.D
 Acq: 18 Aug 2015 2:11

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.5	5.7	8.5#
80	5.5	5.8	8.8#





#19

4-Bromophenyl-phenylether

Concen: 1.05 ng

RT: 16.14 min Scan# 2231

Delta R.T. -0.00 min

Lab File: BE090551.D

Acq: 18 Aug 2015 2:11

Instrument :

BNA_E

ClientSampled :

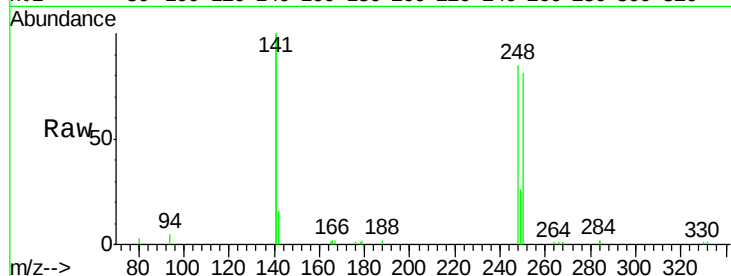
Tot Ion:248 Resp: 6267

Ion Ratio Lower Upper

248 100

250 96.5 79.0 118.6

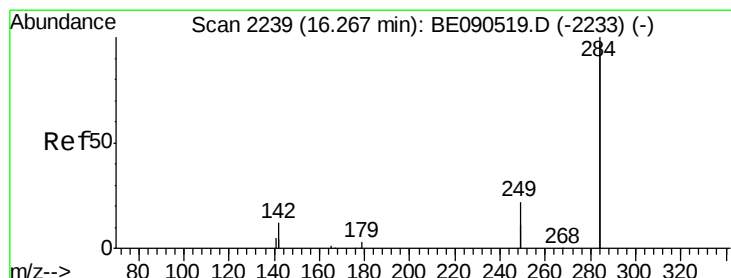
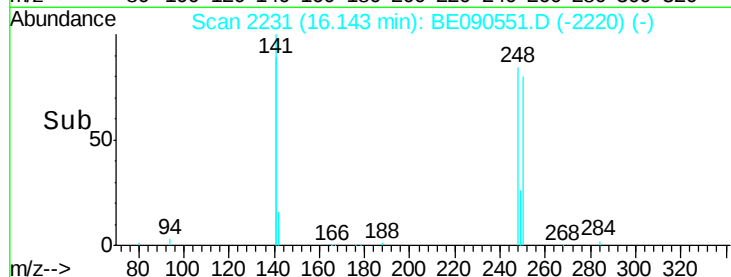
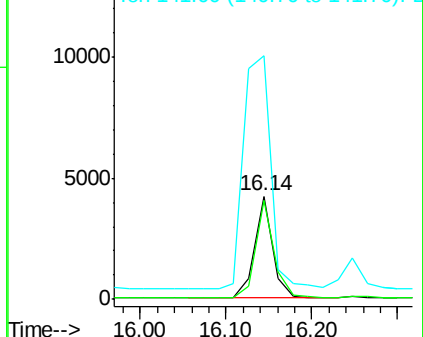
141 339.2 239.5 359.3



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: 1.04 ng

RT: 16.27 min Scan# 2238

Delta R.T. -0.00 min

Lab File: BE090551.D

Acq: 18 Aug 2015 2:11

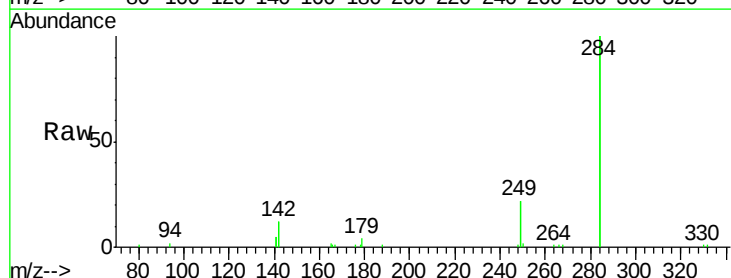
Tgt Ion:284 Resp: 27362

Ion Ratio Lower Upper

284 100

142 41.0 30.1 45.1

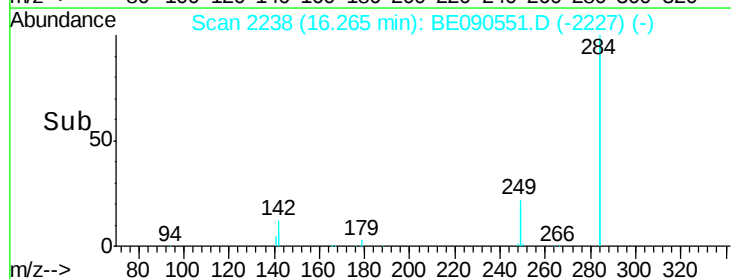
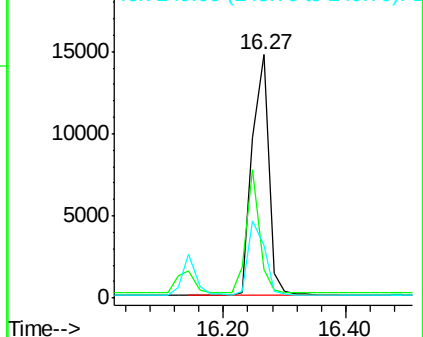
249 30.8 25.7 38.5



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

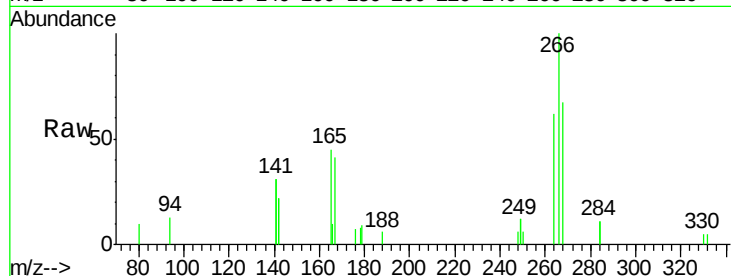




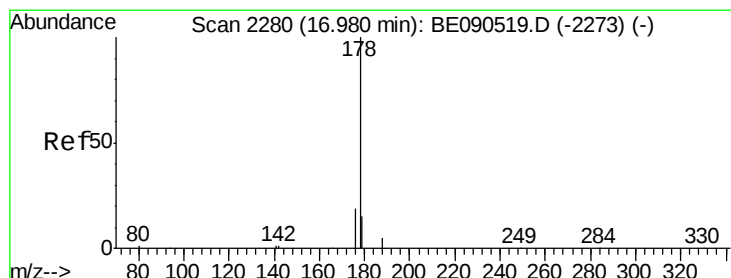
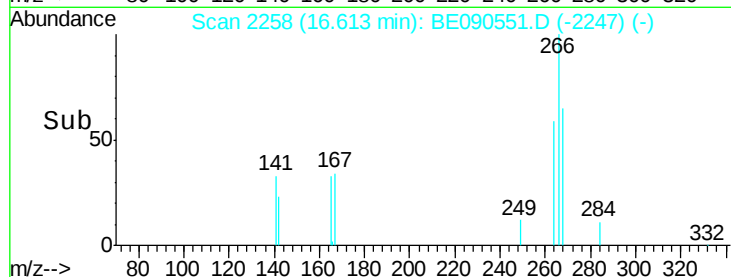
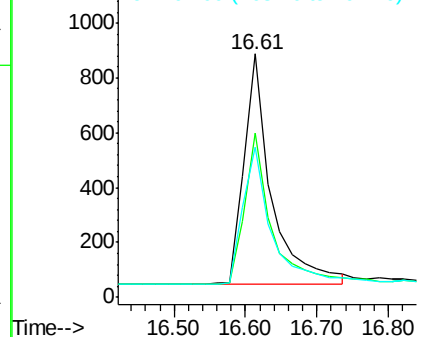
#21
 Pentachlorophenol
 Concen: 0.96 ng
 RT: 16.61 min Scan# 2258
 Delta R.T. -0.00 min
 Lab File: BE090551.D
 Acq: 18 Aug 2015 2:11

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:266 Resp: 2216
 Ion Ratio Lower Upper
 266 100
 268 67.2 58.5 87.7
 264 61.6 56.0 84.0

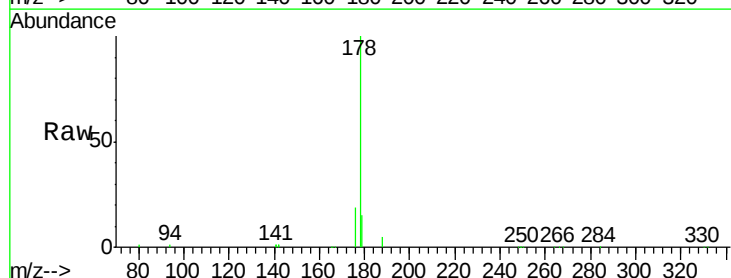


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

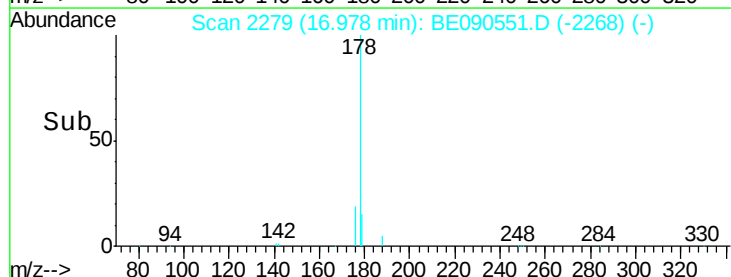
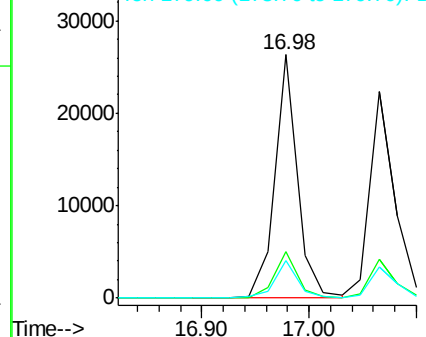


#22
 Phenanthrene
 Concen: 1.00 ng
 RT: 16.98 min Scan# 2279
 Delta R.T. -0.00 min
 Lab File: BE090551.D
 Acq: 18 Aug 2015 2:11

Tgt Ion:178 Resp: 38100
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.4 23.2
 179 15.3 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: 1.02 ng

RT: 17.07 min Scan# 2284

Delta R.T. -0.00 min

Lab File: BE090551.D

Acq: 18 Aug 2015 2:11

Instrument :

BNA_E

ClientSampleId :

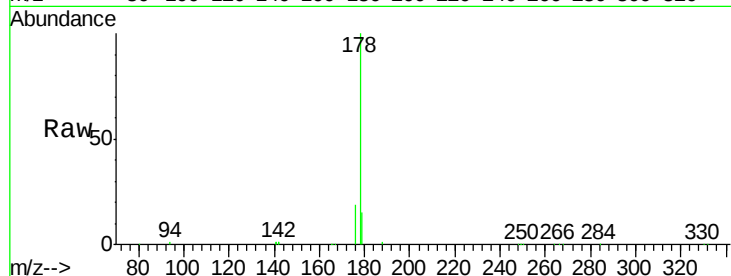
Tot Ion:178 Resp: 36031

Ion Ratio Lower Upper

178 100

176 18.5 14.9 22.3

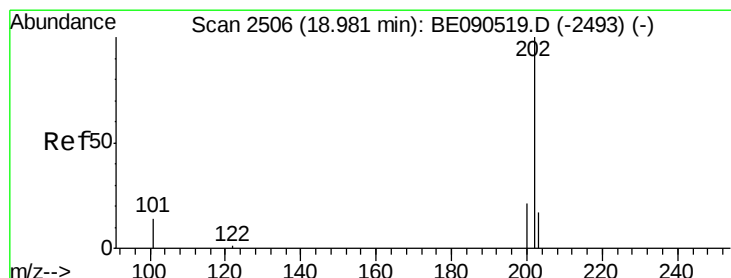
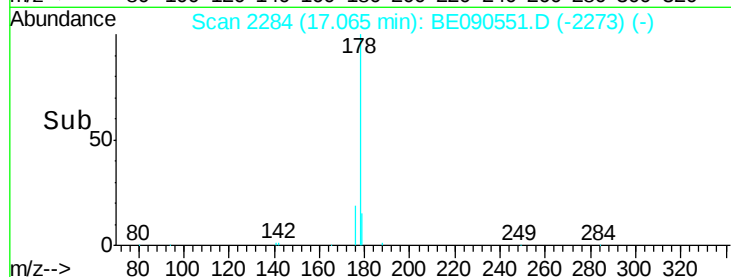
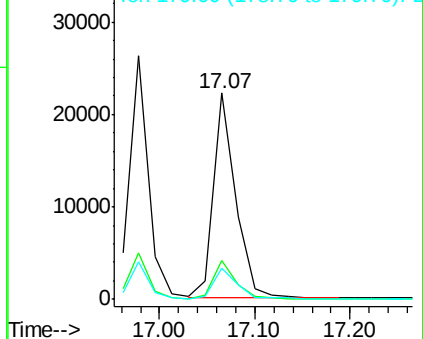
179 15.3 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Fluoranthene

Concen: 1.00 ng

RT: 18.98 min Scan# 2505

Delta R.T. 0.00 min

Lab File: BE090551.D

Acq: 18 Aug 2015 2:11

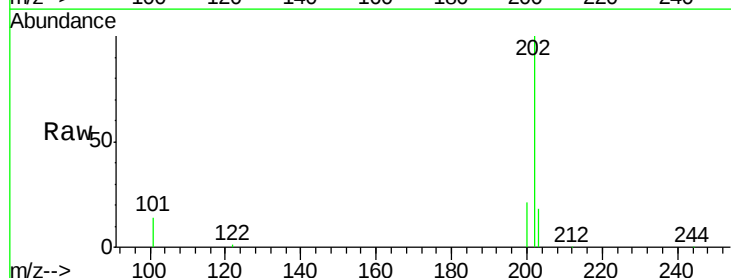
Tgt Ion:202 Resp: 40674

Ion Ratio Lower Upper

202 100

101 13.8 10.3 15.5

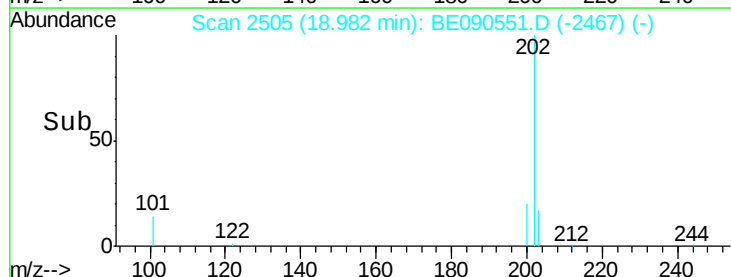
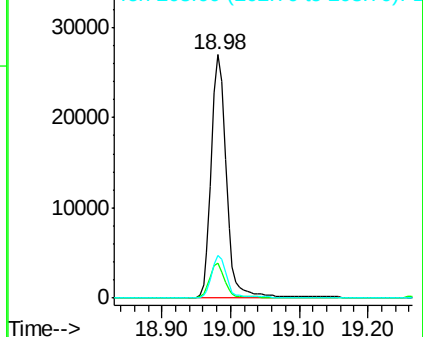
203 17.2 13.7 20.5



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: 21.09 min Scan# 2864

Delta R.T. 0.00 min

Lab File: BE090551.D

Acq: 18 Aug 2015 2:11

Instrument :

BNA_E

ClientSampleId :

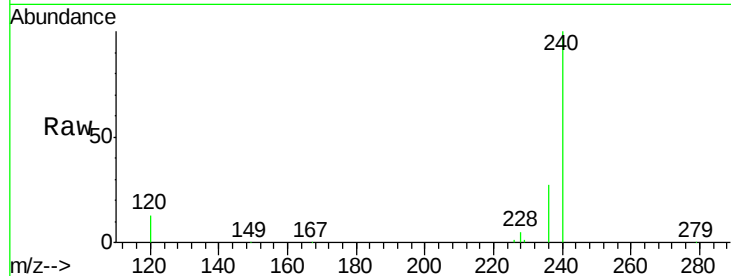
Tot Ion:240 Resp: 146360

Ion Ratio Lower Upper

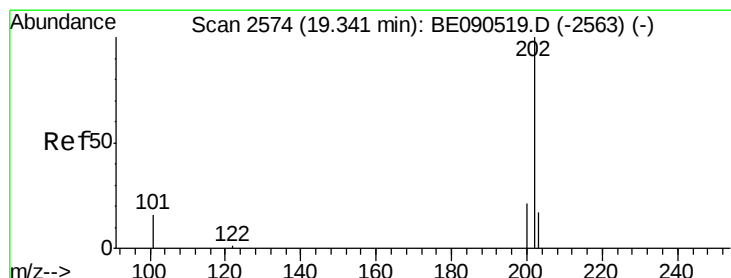
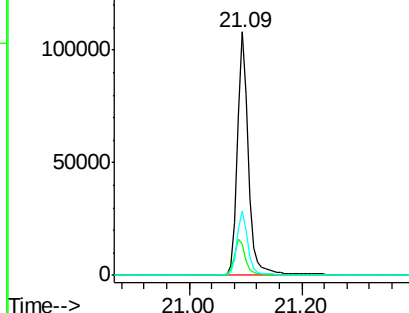
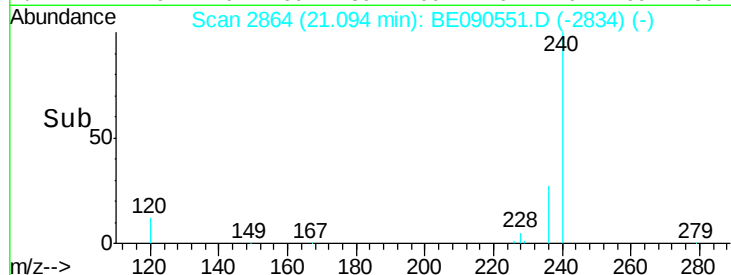
240 100

120 12.6 8.3 12.5#

236 26.6 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: 1.01 ng

RT: 19.34 min Scan# 2573

Delta R.T. 0.00 min

Lab File: BE090551.D

Acq: 18 Aug 2015 2:11

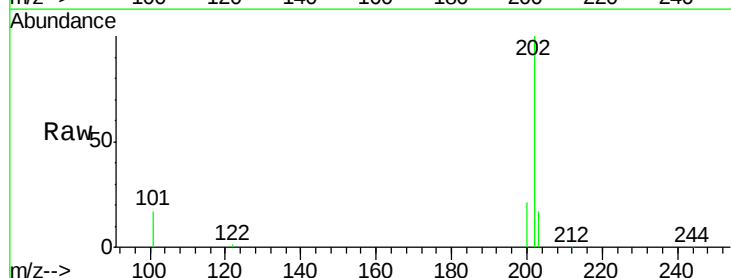
Tgt Ion:202 Resp: 42166

Ion Ratio Lower Upper

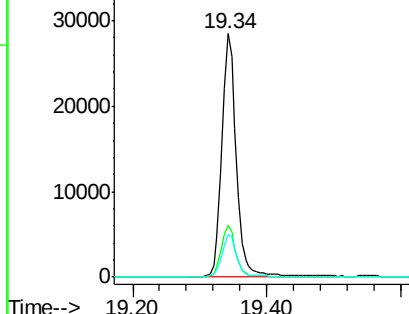
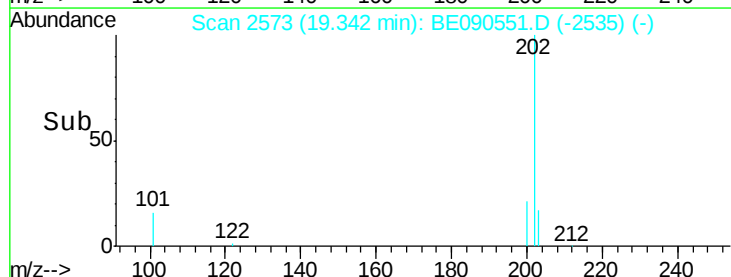
202 100

200 21.0 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

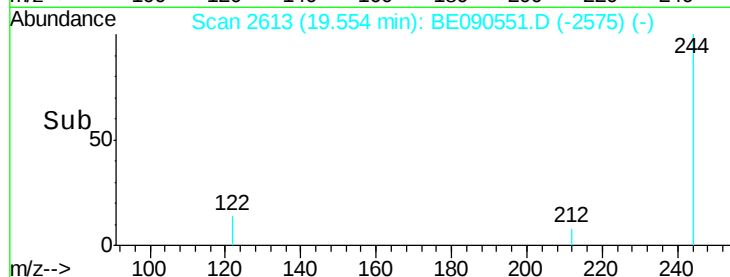
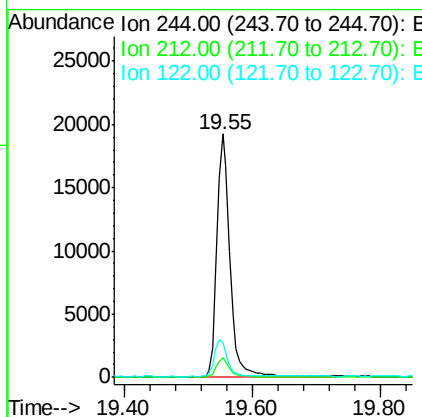
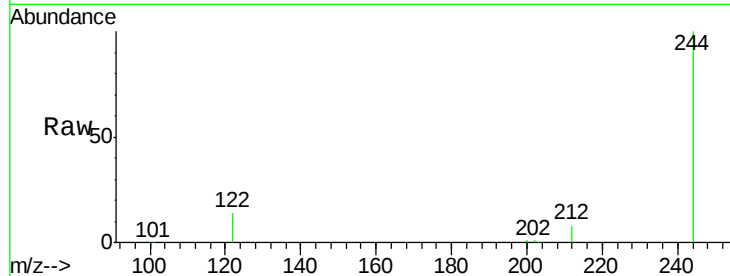




#27
 Terphenyl-d14
 Concen: 1.01 ng
 RT: 19.55 min Scan# 2613
 Delta R.T. 0.00 min
 Lab File: BE090551.D
 Acq: 18 Aug 2015 2:11

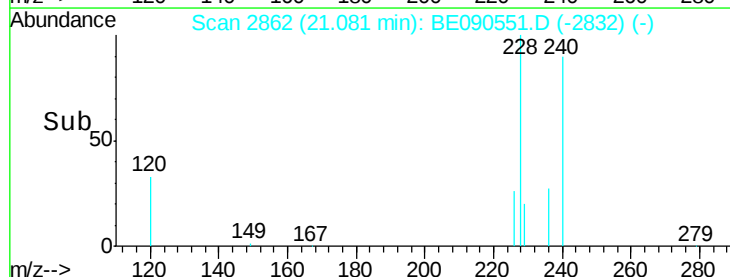
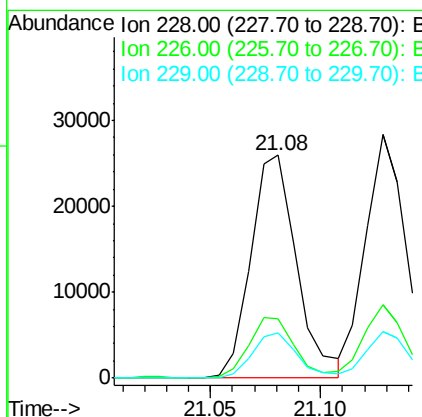
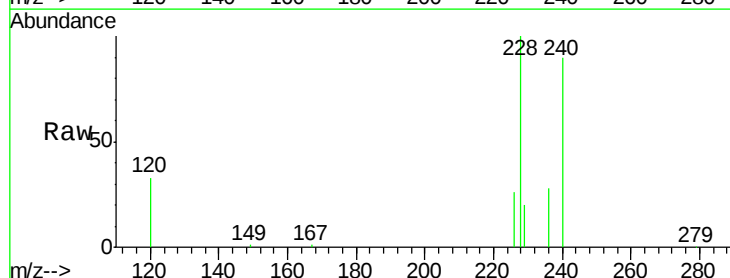
Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:244 Resp: 27098
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.6 9.8
 122 14.5 10.2 15.4



#28
 Benzo(a)anthracene
 Concen: 0.98 ng
 RT: 21.08 min Scan# 2862
 Delta R.T. 0.00 min
 Lab File: BE090551.D
 Acq: 18 Aug 2015 2:11

Tgt Ion:228 Resp: 37639
 Ion Ratio Lower Upper
 228 100
 226 26.3 21.9 32.9
 229 20.4 15.4 23.0





#29

Chrysene

Concen: 0.99 ng

RT: 21.13 min Scan# 2869

Delta R.T. 0.00 min

Lab File: BE090551.D

Acq: 18 Aug 2015 2:11

Instrument :

BNA_E

ClientSampleId :

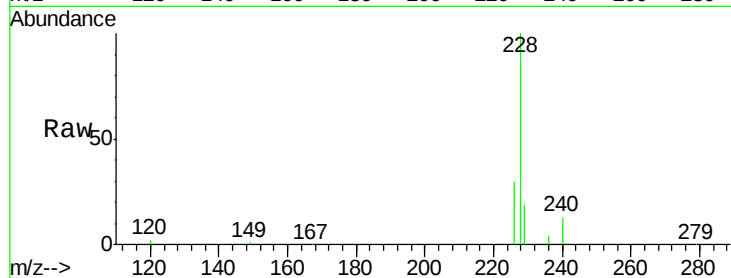
Tot Ion:228 Resp: 39091

Ion Ratio Lower Upper

228 100

226 30.2 23.1 34.7

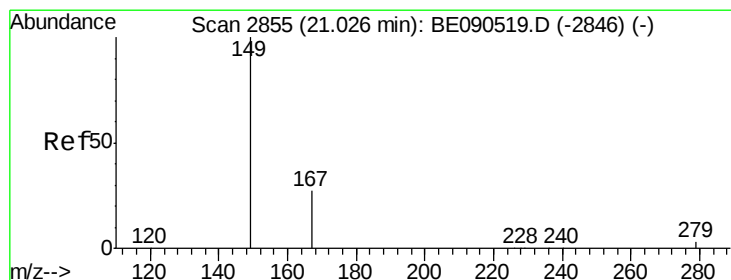
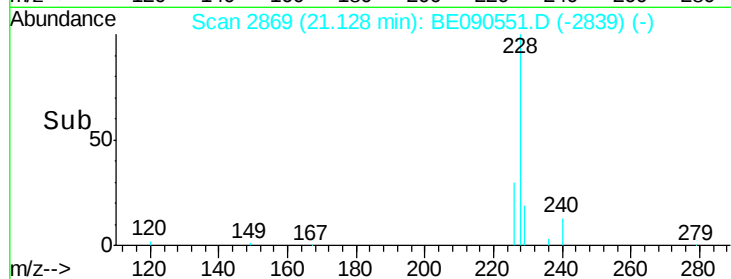
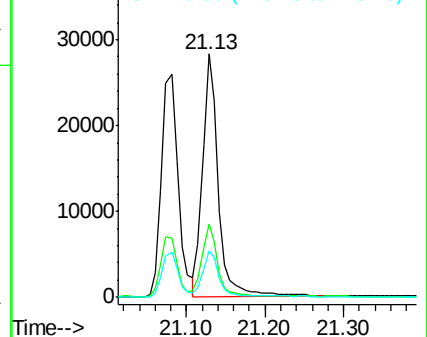
229 19.3 15.8 23.8



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: 1.12 ng

RT: 21.02 min Scan# 2853

Delta R.T. -0.01 min

Lab File: BE090551.D

Acq: 18 Aug 2015 2:11

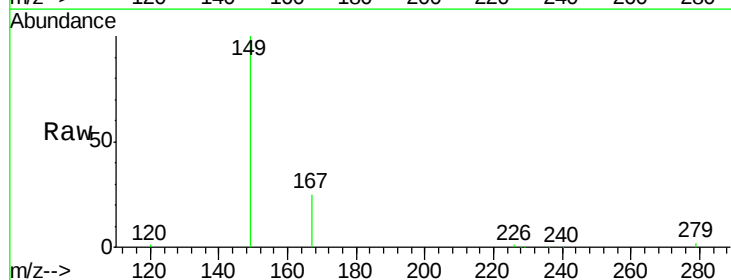
Tgt Ion:149 Resp: 23228

Ion Ratio Lower Upper

149 100

167 26.2 19.8 29.8

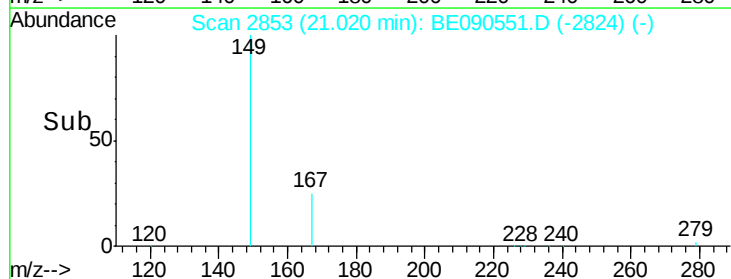
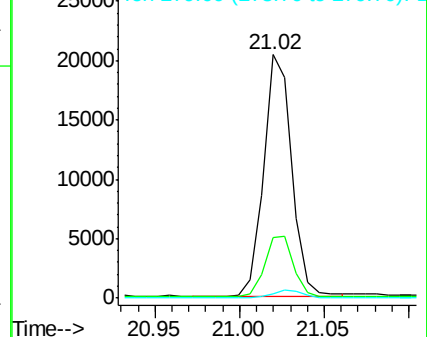
279 3.1 2.4 3.6



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

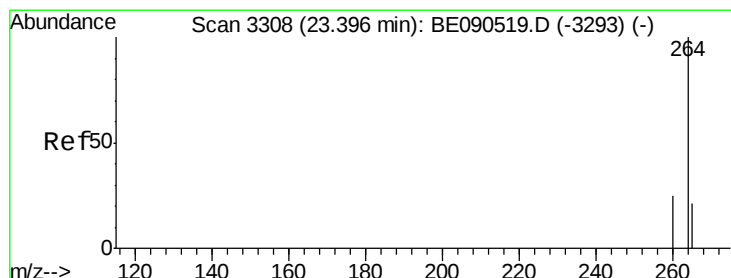
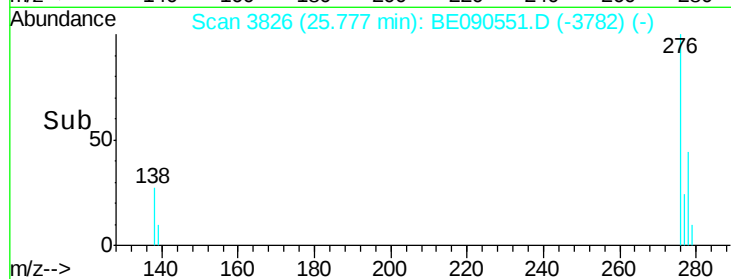
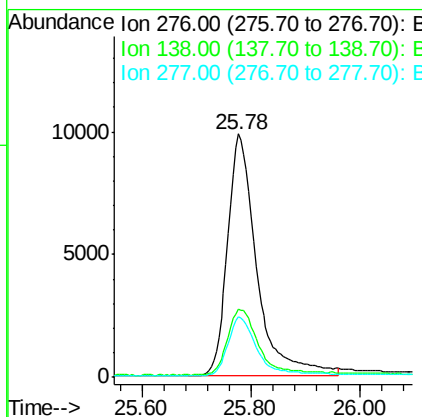
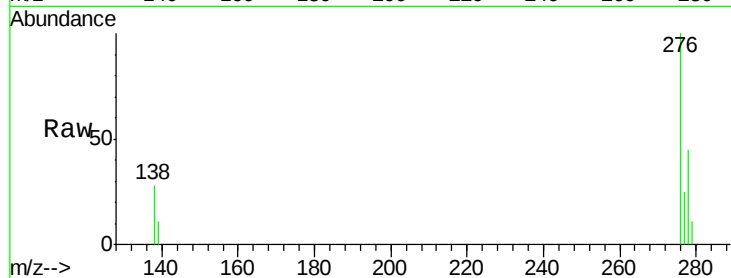




#31
 Indeno(1,2,3-cd)pyrene
 Concen: 0.99 ng
 RT: 25.78 min Scan# 3826
 Delta R.T. 0.00 min
 Lab File: BE090551.D
 Acq: 18 Aug 2015 2:11

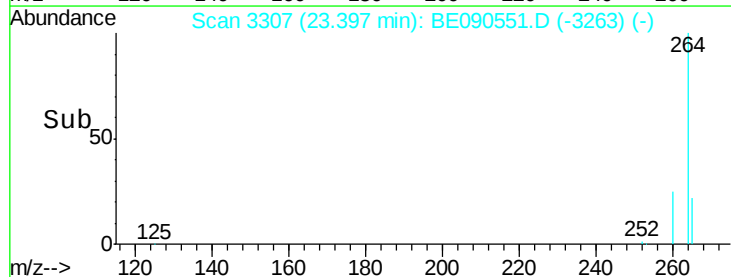
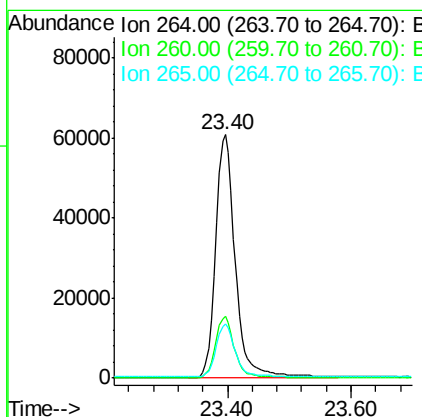
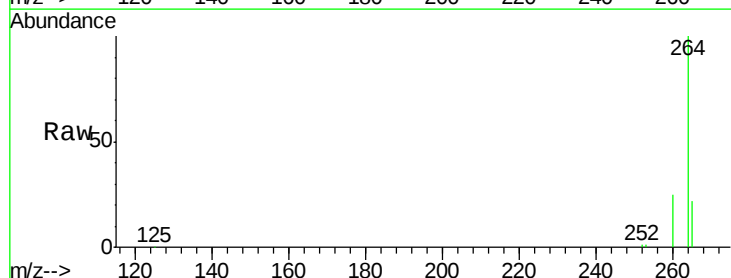
Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:276 Resp: 36688
 Ion Ratio Lower Upper
 276 100
 138 29.0 18.8 28.2#
 277 24.6 18.2 27.4



#32
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.40 min Scan# 3307
 Delta R.T. 0.00 min
 Lab File: BE090551.D
 Acq: 18 Aug 2015 2:11

Tgt Ion:264 Resp: 134685
 Ion Ratio Lower Upper
 264 100
 260 25.2 20.1 30.1
 265 22.0 17.2 25.8





#33

Benzo(b)fluoranthene

Concen: 1.00 ng

RT: 22.70 min Scan# 3153

Delta R.T. 0.00 min

Lab File: BE090551.D

Acq: 18 Aug 2015 2:11

Instrument :

BNA_E

ClientSampleId :

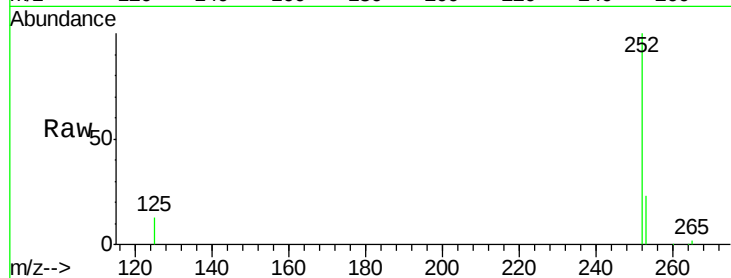
Tot Ion:252 Resp: 31998

Ion Ratio Lower Upper

252 100

253 22.6 18.1 27.1

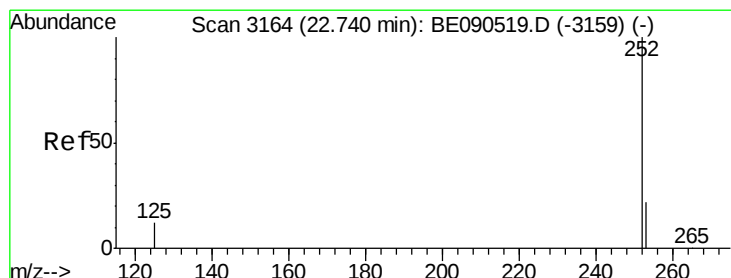
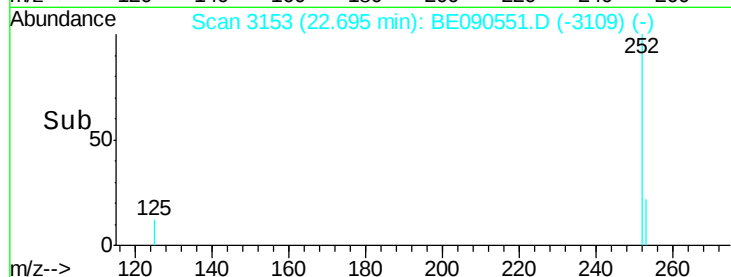
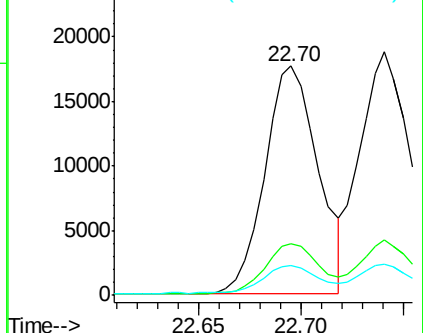
125 13.1 9.4 14.2



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: 1.02 ng

RT: 22.74 min Scan# 3163

Delta R.T. 0.00 min

Lab File: BE090551.D

Acq: 18 Aug 2015 2:11

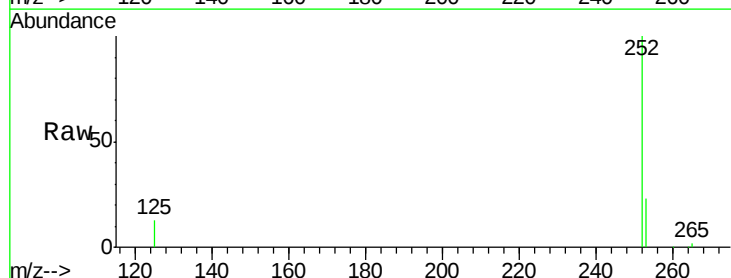
Tgt Ion:252 Resp: 36862

Ion Ratio Lower Upper

252 100

253 22.7 18.1 27.1

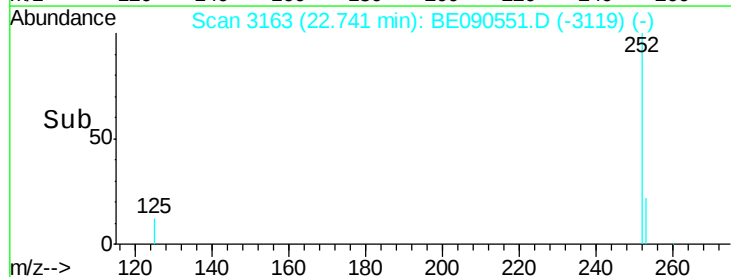
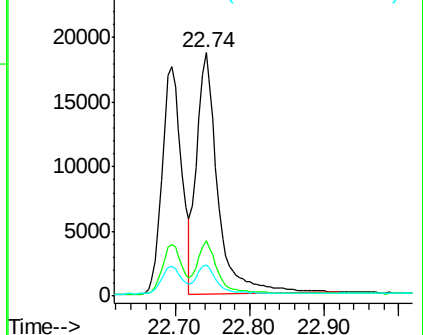
125 12.7 9.1 13.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Benzo(a)pyrene

Concen: 1.02 ng

RT: 23.29 min Scan# 3284

Delta R.T. 0.00 min

Lab File: BE090551.D

Acq: 18 Aug 2015 2:11

Instrument :

BNA_E

ClientSampleId :

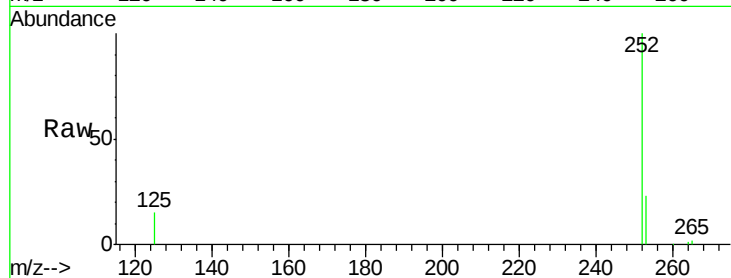
Tot Ion:252 Resp: 30362

Ion Ratio Lower Upper

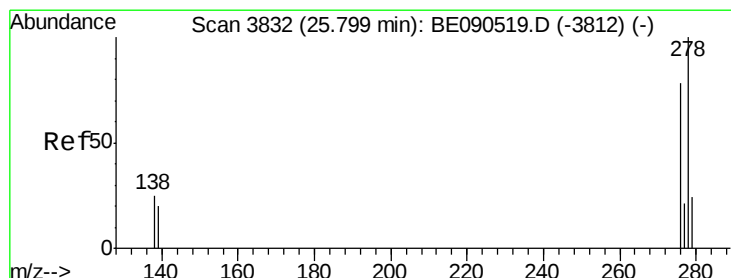
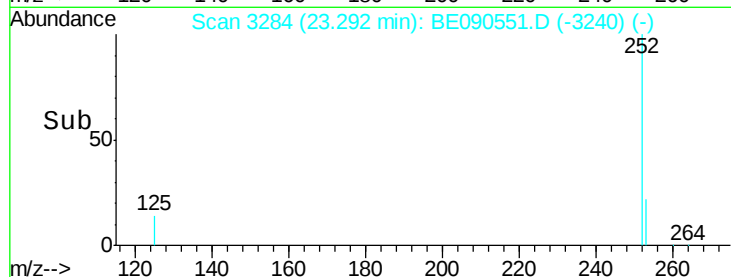
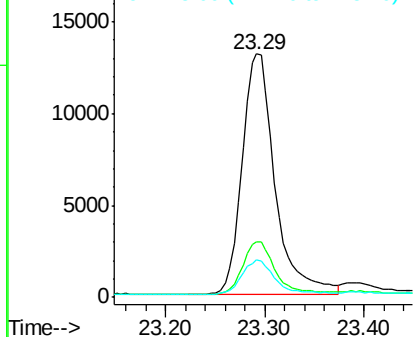
252 100

253 23.0 17.6 26.4

125 15.2 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: 0.99 ng

RT: 25.80 min Scan# 3830

Delta R.T. -0.00 min

Lab File: BE090551.D

Acq: 18 Aug 2015 2:11

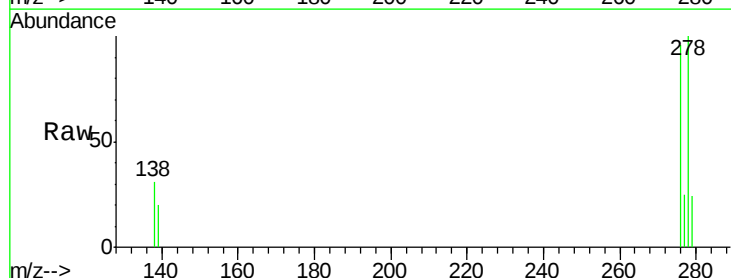
Tgt Ion:278 Resp: 28628

Ion Ratio Lower Upper

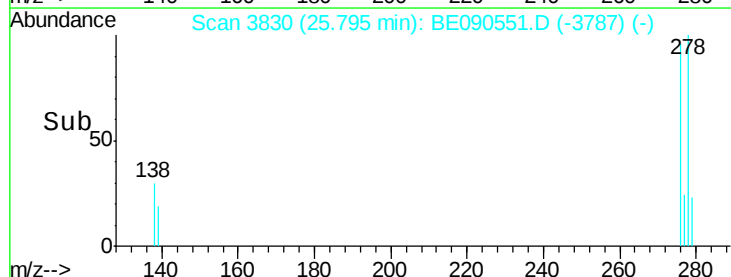
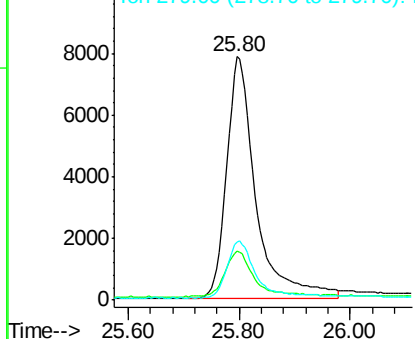
278 100

139 20.4 14.2 21.4

279 23.8 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: 1.02 ng

RT: 26.51 min Scan# 3987

Delta R.T. 0.00 min

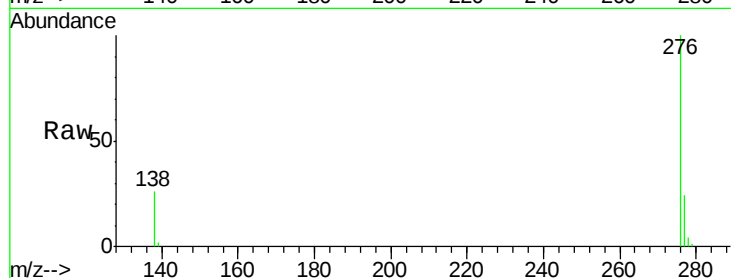
Lab File: BE090551.D

Acq: 18 Aug 2015 2:11

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 32052

Ion Ratio Lower Upper

276 100

277 24.0 20.1 30.1

138 25.8 18.1 27.1

