

Data Path : Z:\HPCHEM1\BNA E\DATA\BE090415\
 Data File : BE090732.D
 Acq On : 4 Sep 2015 16:38
 Operator : UM/IZ
 Sample : PB85414BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB85414BS

Quant Time: Sep 04 17:26:12 2015
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 11:40:50 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	41372	5.00	ng	0.00
6) Naphthalene-d8	10.30	136	188305	5.00	ng	0.00
12) Acenaphthene-d10	14.17	164	102062	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	246413	5.00	ng	0.00
25) Chrysene-d12	21.07	240	324625	5.00	ng	0.00
32) Perylene-d12	23.36	264	293766	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	76420	9.47	ng	0.00
5) Phenol-d6	6.74	99	112399	9.76	ng	0.00
7) Nitrobenzene-d5	8.69	82	54670	4.39	ng	-0.01
13) 2,4,6-Tribromophenol	15.67	330	31300	10.40	ng	0.00
14) 2-Fluorobiphenyl	12.79	172	112125	3.97	ng	-0.01
27) Terphenyl-d14	19.53	244	173187	4.82	ng	-0.01

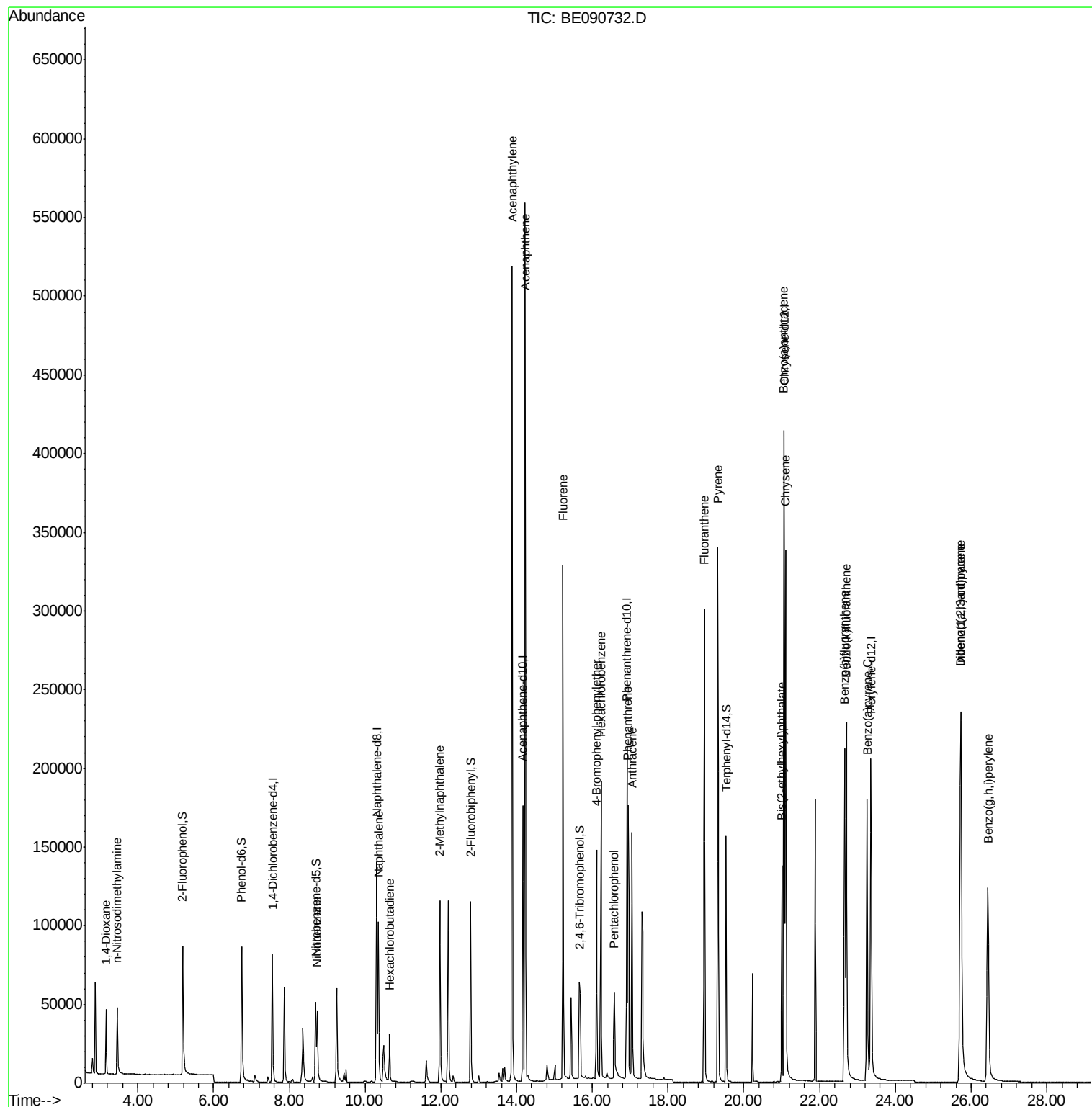
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.15	88	22456	4.15	ng	98
3) n-Nitrosodimethylamine	3.45	42	26933	3.66	ng	# 88
8) Nitrobenzene	8.73	77	57348	3.78	ng	98
9) Naphthalene	10.35	128	147865	3.60	ng	99
10) Hexachlorobutadiene	10.65	225	21928	3.41	ng	99
11) 2-Methylnaphthalene	11.97	142	96910	4.36	ng	99
15) Acenaphthylene	13.88	152	663265	4.07	ng	100
16) Acenaphthene	14.23	154	102081	3.75	ng	90
17) Fluorene	15.22	166	136125	4.00	ng	96
19) 4-Bromophenyl-phenylether	16.11	248	34254	4.08	ng	98
20) Hexachlorobenzene	16.23	284	167993	4.17	ng	97
21) Pentachlorophenol	16.58	266	34544	9.98	ng	96
22) Phenanthrene	16.94	178	235097	3.85	ng	99
23) Anthracene	17.05	178	229248	4.50	ng	100
24) Fluoranthene	18.96	202	278886	4.34	ng	99
26) Pyrene	19.32	202	308412	4.59	ng	99
28) Benzo(a)anthracene	21.05	228	301297	4.23	ng	98
29) Chrysene	21.11	228	308946	4.11	ng	99
30) Bis(2-ethylhexyl)phthalate	21.00	149	123398	5.02	ng	99
31) Indeno(1,2,3-cd)pyrene	25.72	276	329916	4.30	ng	99
33) Benzo(b)fluoranthene	22.66	252	275143	4.32	ng	99
34) Benzo(k)fluoranthene	22.71	252	315463	4.25	ng	100
35) Benzo(a)pyrene	23.25	252	268024	4.70	ng	99
36) Dibenzo(a,h)anthracene	25.74	278	271552	3.94	ng	99
37) Benzo(g,h,i)perylene	26.44	276	283337	4.32	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: 7.55 min Scan# 838

Delta R.T. -0.01 min

Lab File: BE090732.D

Acq: 4 Sep 2015 16:38

Instrument :

BNA_E

ClientSampleId :

PB85414BS

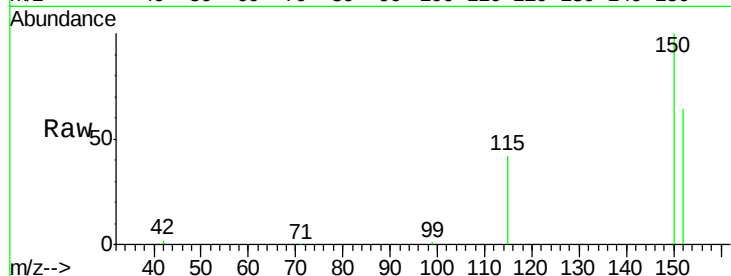
Tot Ion:152 Resp: 41372

Ion Ratio Lower Upper

152 100

150 156.0 122.2 183.4

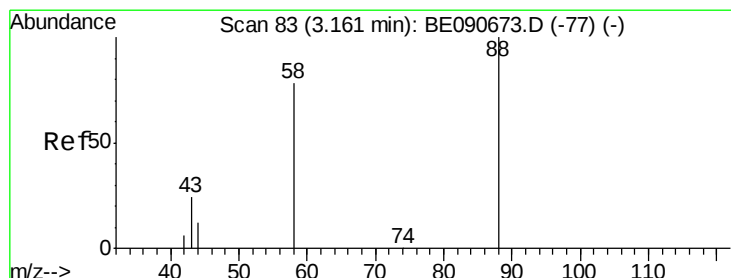
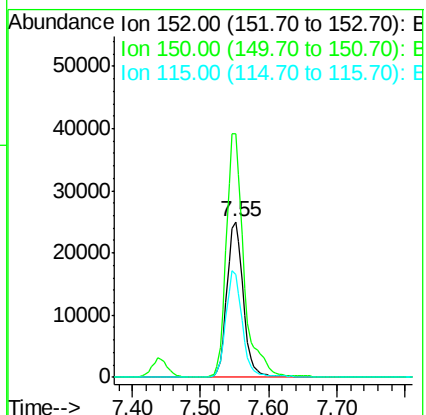
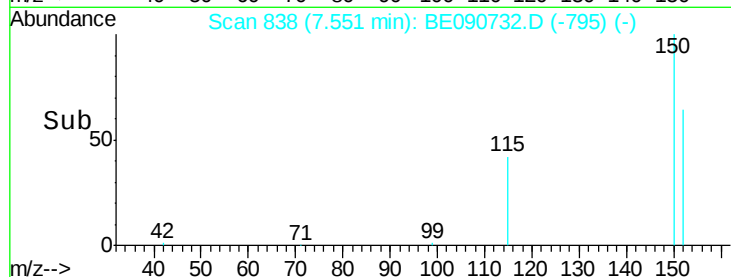
115 65.7 51.0 76.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 4.15 ng

RT: 3.15 min Scan# 82

Delta R.T. -0.01 min

Lab File: BE090732.D

Acq: 4 Sep 2015 16:38

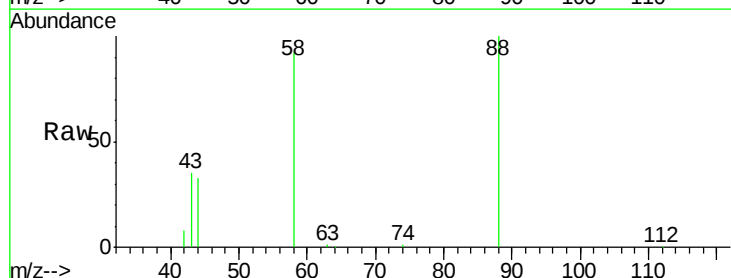
Tgt Ion: 88 Resp: 22456

Ion Ratio Lower Upper

88 100

58 86.8 68.4 102.6

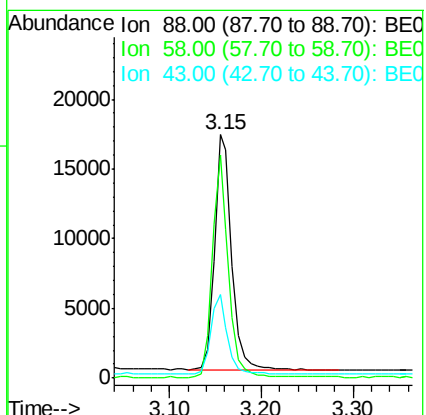
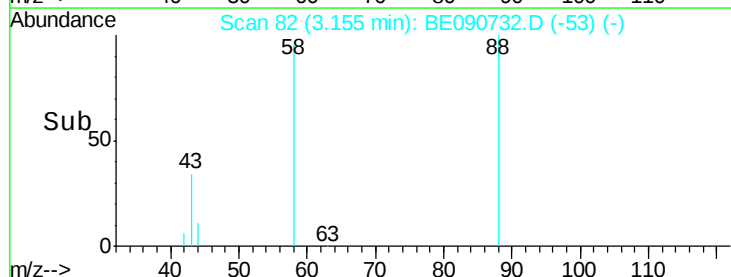
43 31.4 26.9 40.3

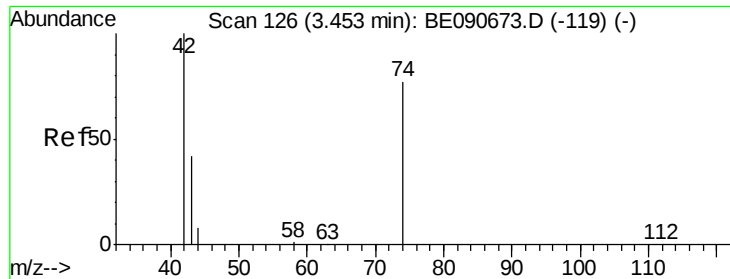


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



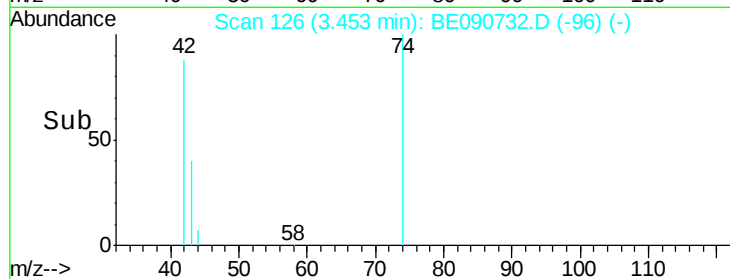
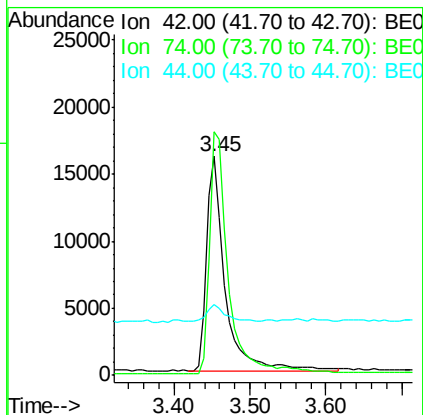
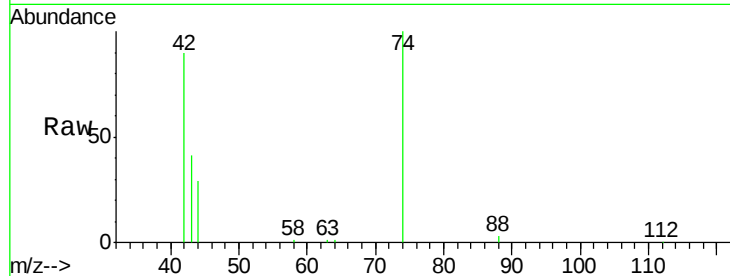


#3

n-Nitrosodimethylamine
 Concen: 3.66 ng
 RT: 3.45 min Scan# 126
 Delta R.T. 0.00 min
 Lab File: BE090732.D
 Acq: 4 Sep 2015 16:38

Instrument :
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 ClientSampleId :
 PB85414BS

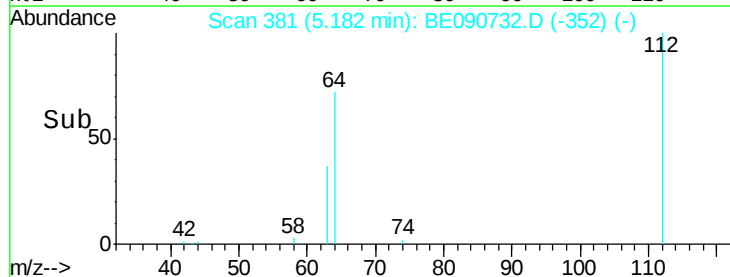
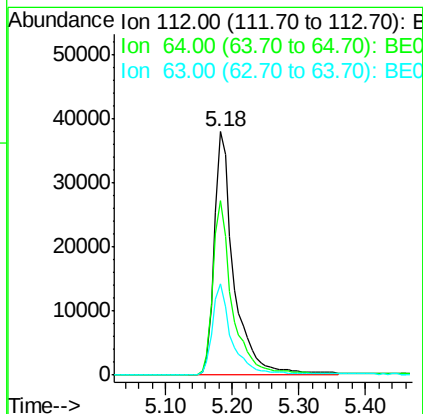
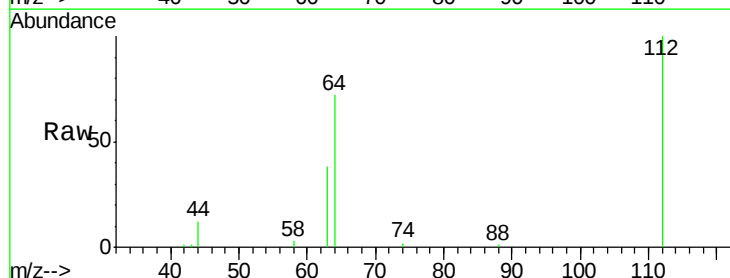
Tot Ion: 42 Resp: 26933
 Ion Ratio Lower Upper
 42 100
 74 116.5 83.7 125.5
 44 7.5 10.0 15.0#



#4

2-Fluorophenol
 Concen: 9.47 ng
 RT: 5.18 min Scan# 381
 Delta R.T. -0.01 min
 Lab File: BE090732.D
 Acq: 4 Sep 2015 16:38

Tgt Ion: 112 Resp: 76420
 Ion Ratio Lower Upper
 112 100
 64 71.2 57.3 85.9
 63 36.8 29.2 43.8





#5

Phenol-d6

Concen: 9.76 ng

RT: 6.74 min Scan# 660

Delta R.T. -0.01 min

Lab File: BE090732.D

Acq: 4 Sep 2015 16:38

Instrument :

BNA_E

ClientSampleId :

PB85414BS

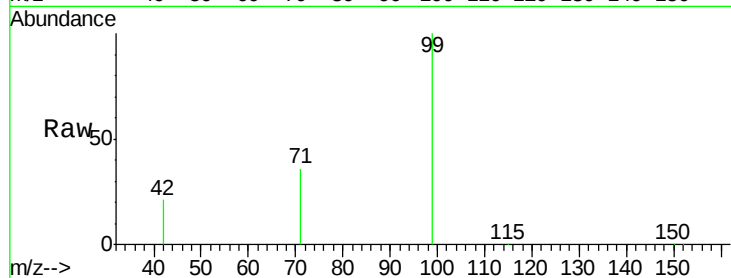
Tot Ion: 99 Resp: 112399

Ion Ratio Lower Upper

99 100

42 21.3 16.8 25.2

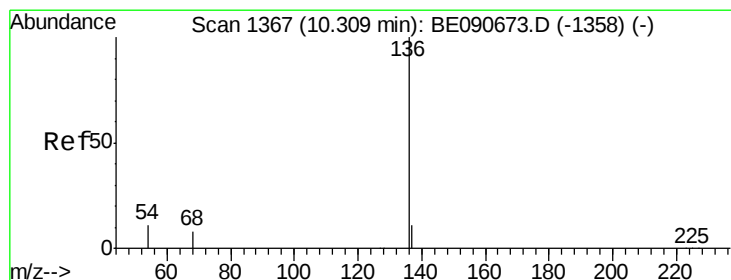
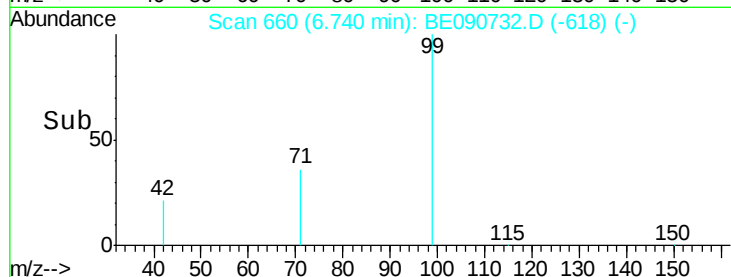
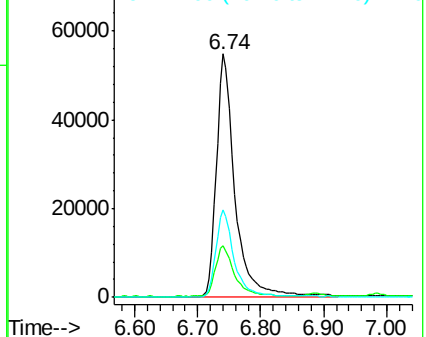
71 35.4 28.3 42.5



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: 10.30 min Scan# 1366

Delta R.T. -0.01 min

Lab File: BE090732.D

Acq: 4 Sep 2015 16:38

Tgt Ion: 136 Resp: 188305

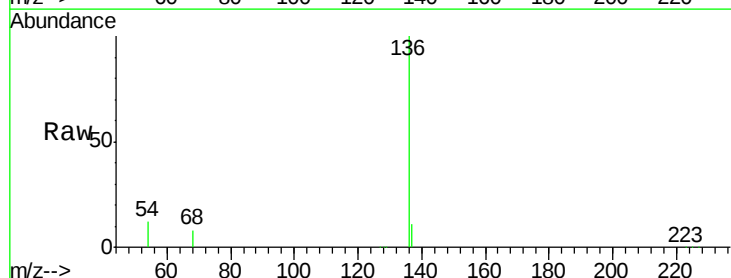
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 11.5 9.0 13.6

68 8.3 6.3 9.5

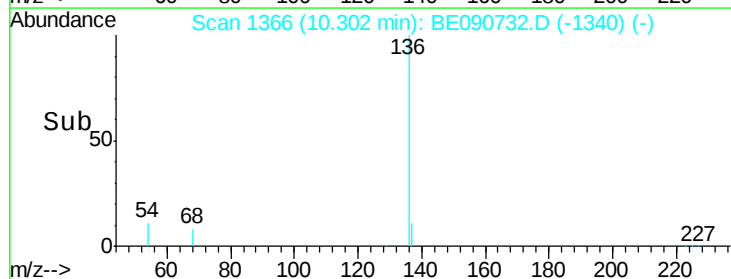
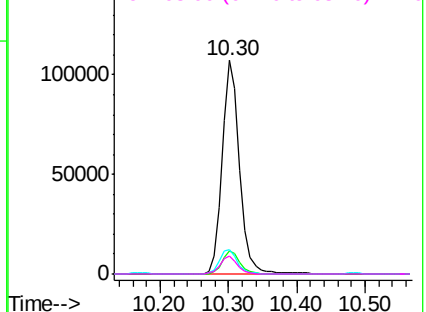


Abundance Ion 136.00 (135.70 to 136.70): E

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: 4.39 ng

RT: 8.69 min Scan# 1085

Delta R.T. -0.01 min

Lab File: BE090732.D

Acq: 4 Sep 2015 16:38

Instrument :

BNA_E

ClientSampleId :

PB85414BS

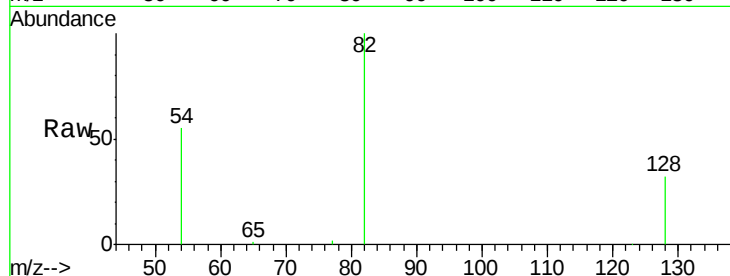
Tot Ion: 82 Resp: 54670

Ion Ratio Lower Upper

82 100

128 31.6 25.0 37.4

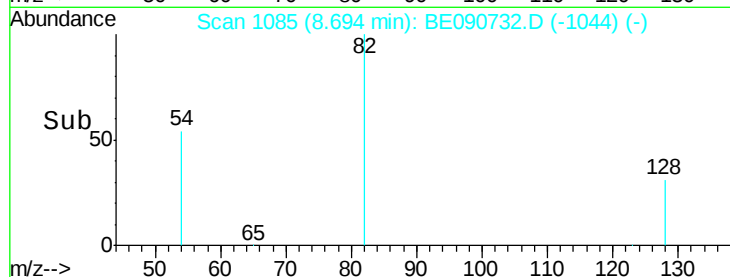
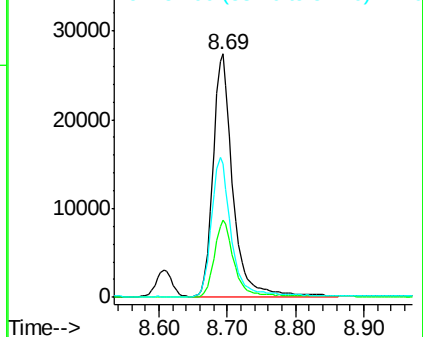
54 54.6 46.3 69.5



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: 3.78 ng

RT: 8.73 min Scan# 1094

Delta R.T. -0.01 min

Lab File: BE090732.D

Acq: 4 Sep 2015 16:38

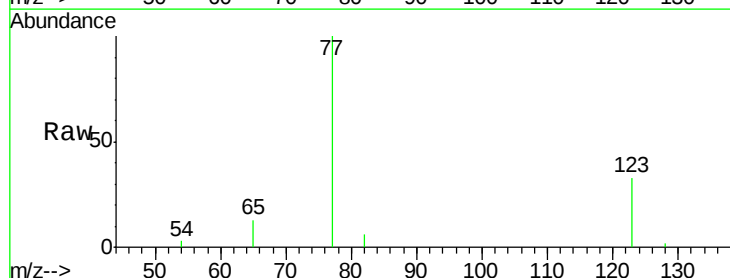
Tgt Ion: 77 Resp: 57348

Ion Ratio Lower Upper

77 100

123 33.1 25.1 37.7

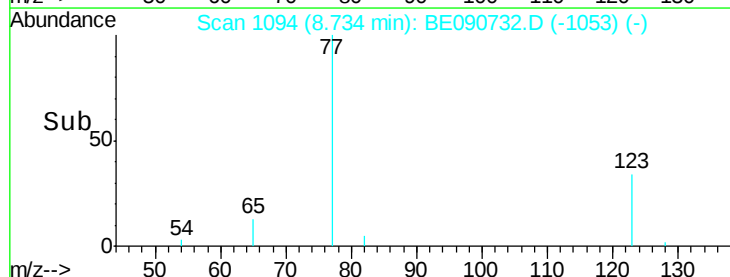
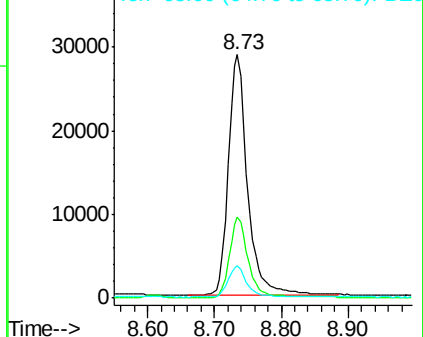
65 12.7 9.9 14.9



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: 3.60 ng

RT: 10.35 min Scan# 1373

Delta R.T. -0.01 min

Lab File: BE090732.D

Acq: 4 Sep 2015 16:38

Instrument :

BNA_E

ClientSampleId :

PB85414BS

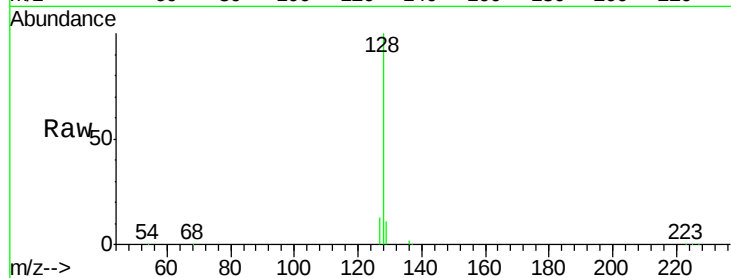
Tot Ion:128 Resp: 147865

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

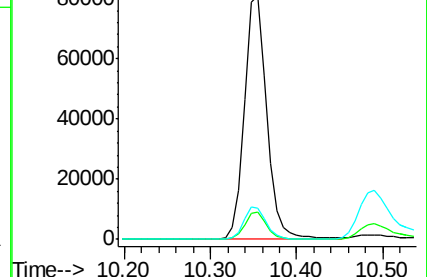
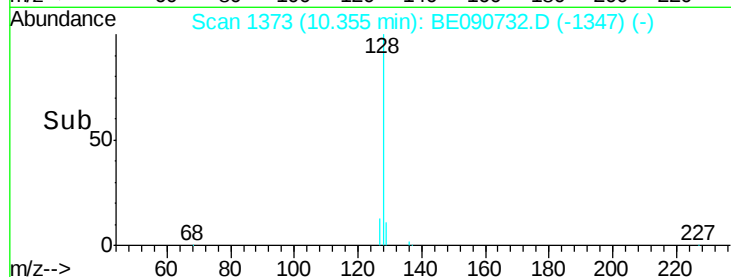
127 12.7 10.6 15.8



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: 3.41 ng

RT: 10.65 min Scan# 1412

Delta R.T. 0.00 min

Lab File: BE090732.D

Acq: 4 Sep 2015 16:38

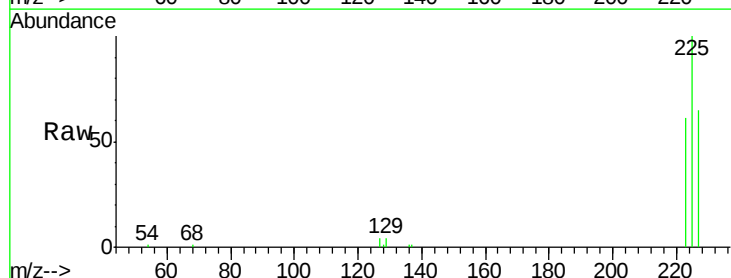
Tgt Ion:225 Resp: 21928

Ion Ratio Lower Upper

225 100

223 62.3 50.6 76.0

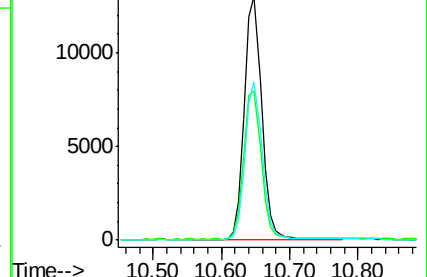
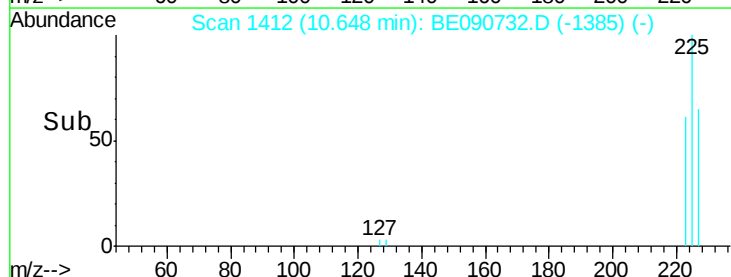
227 63.6 51.0 76.6



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: 4.36 ng

RT: 11.97 min Scan# 1642

Delta R.T. -0.01 min

Lab File: BE090732.D

Acq: 4 Sep 2015 16:38

Instrument :

BNA_E

ClientSampleId :

PB85414BS

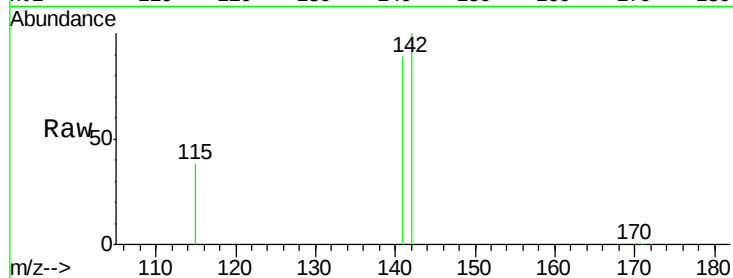
Tot Ion:142 Resp: 96910

Ion Ratio Lower Upper

142 100

141 88.8 71.4 107.2

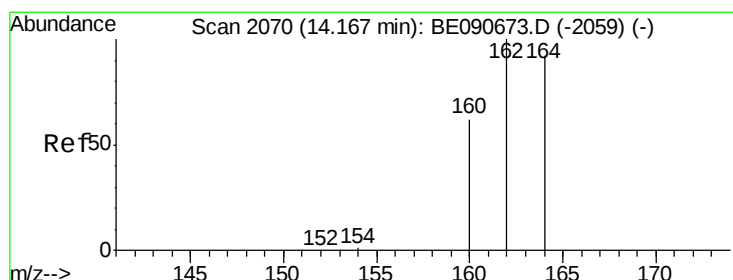
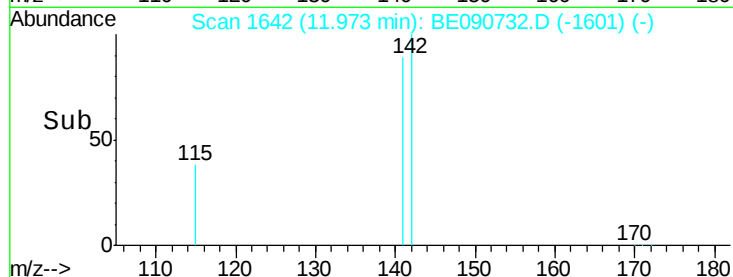
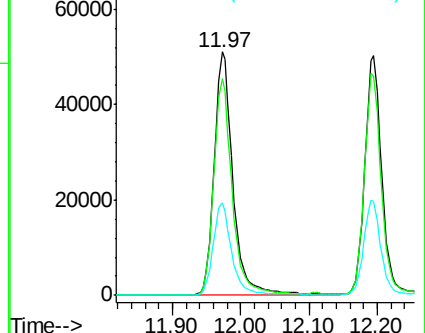
115 38.2 31.0 46.4



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: 14.17 min Scan# 2071

Delta R.T. 0.00 min

Lab File: BE090732.D

Acq: 4 Sep 2015 16:38

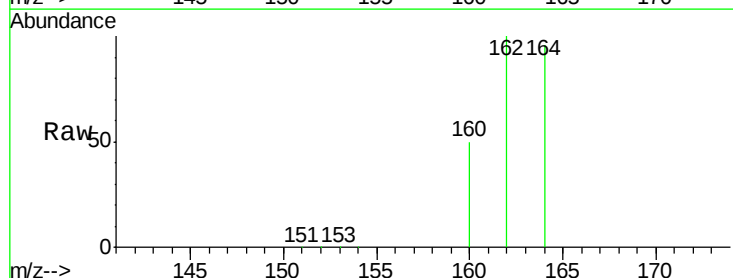
Tgt Ion:164 Resp: 102062

Ion Ratio Lower Upper

164 100

162 104.2 86.8 130.2

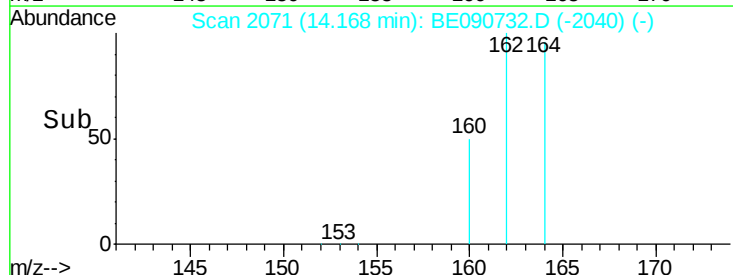
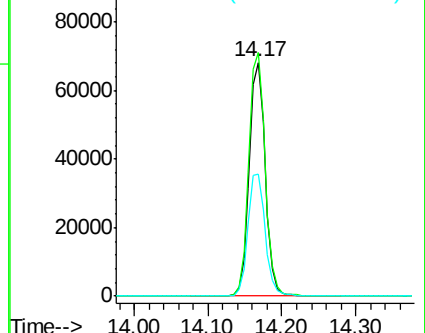
160 52.3 53.9 80.9#



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

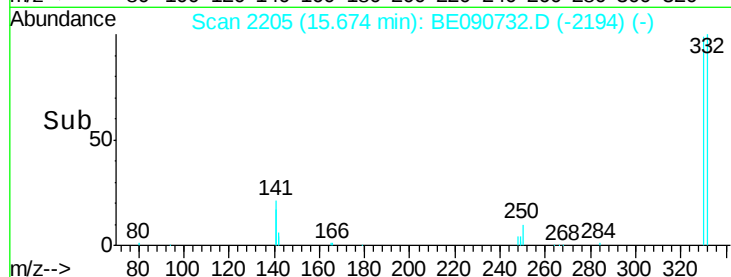
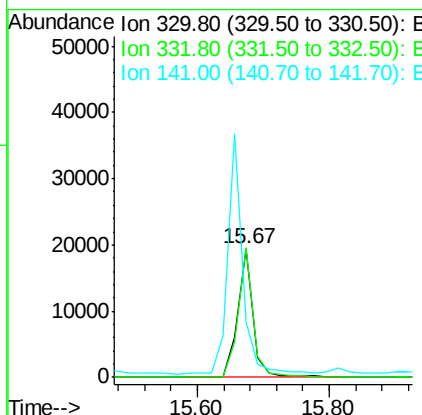
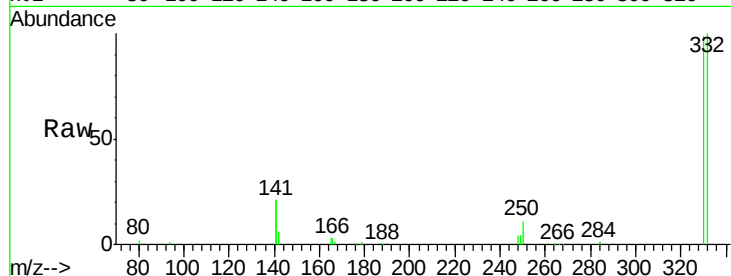




#13
 2,4,6-Tribromophenol
 Concen: 10.40 ng
 RT: 15.67 min Scan# 2205
 Delta R.T. -0.00 min
 Lab File: BE090732.D
 Acq: 4 Sep 2015 16:38

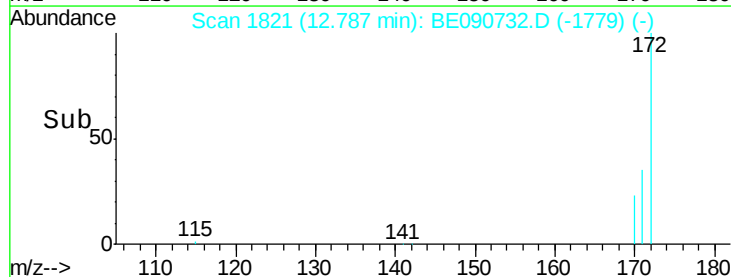
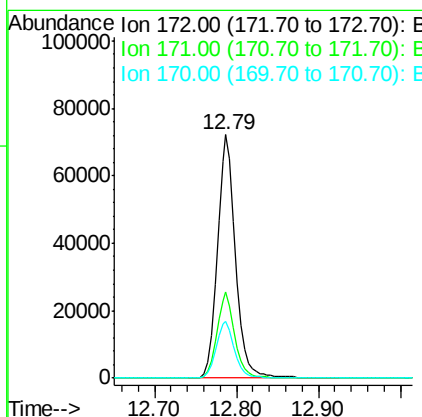
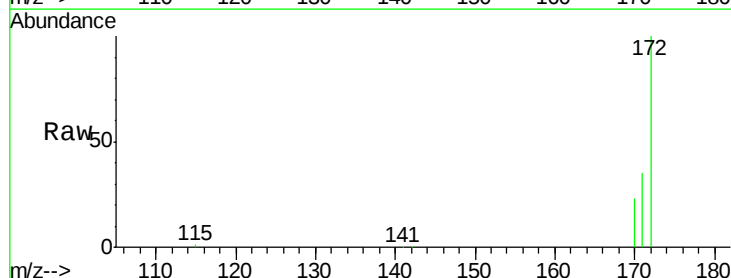
Instrument :
 BNA_E
 ClientSampleId :
 PB85414BS

Tot Ion:330 Resp: 31300
 Ion Ratio Lower Upper
 330 100
 332 98.6 74.9 112.3
 141 177.5 145.2 217.8



#14
 2-Fluorobiphenyl
 Concen: 3.97 ng
 RT: 12.79 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: BE090732.D
 Acq: 4 Sep 2015 16:38

Tgt Ion:172 Resp: 112125
 Ion Ratio Lower Upper
 172 100
 171 35.1 27.8 41.8
 170 23.4 19.8 29.6





#15

Acenaphthylene

Concen: 4.07 ng

RT: 13.88 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BE090732.D

Acq: 4 Sep 2015 16:38

Instrument :

BNA_E

ClientSampleId :

PB85414BS

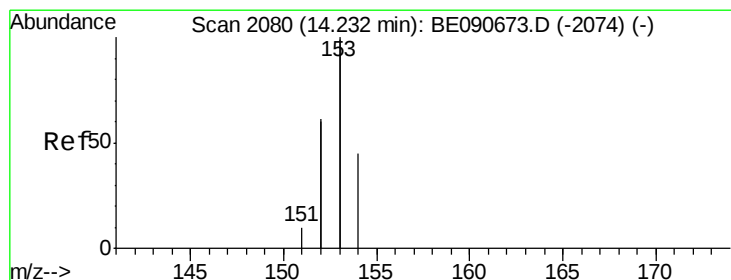
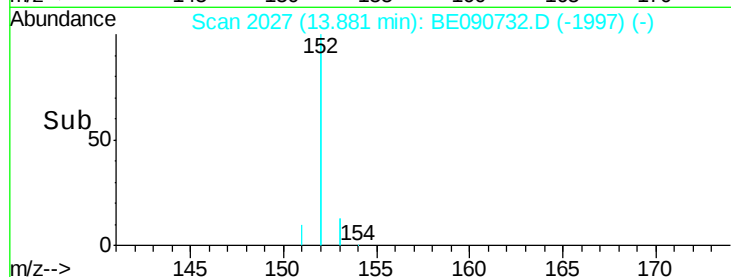
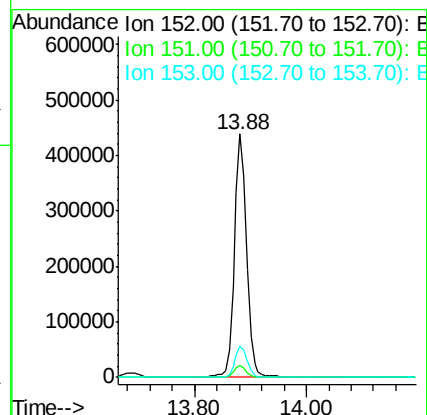
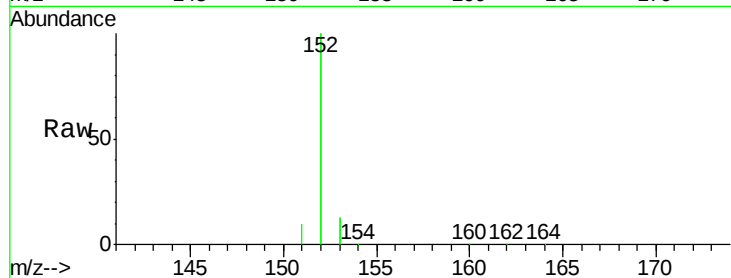
Tot Ion:152 Resp: 663265

Ion Ratio Lower Upper

152 100

151 4.9 3.9 5.9

153 13.0 10.3 15.5



#16

Acenaphthene

Concen: 3.75 ng

RT: 14.23 min Scan# 2080

Delta R.T. -0.01 min

Lab File: BE090732.D

Acq: 4 Sep 2015 16:38

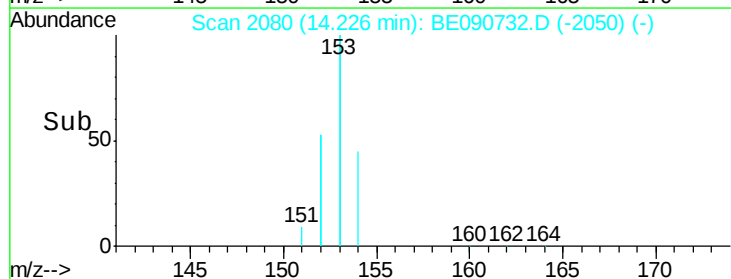
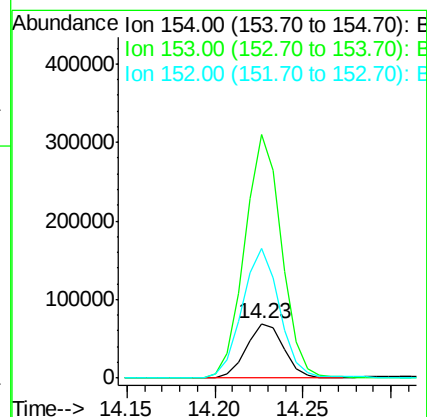
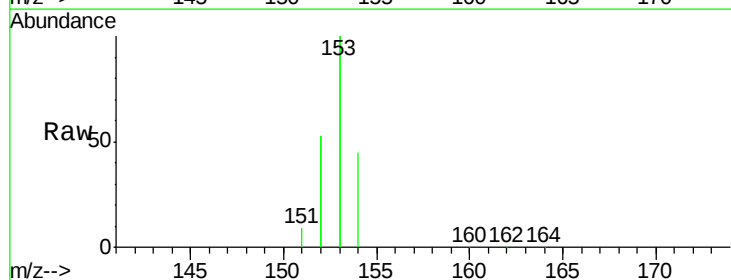
Tgt Ion:154 Resp: 102081

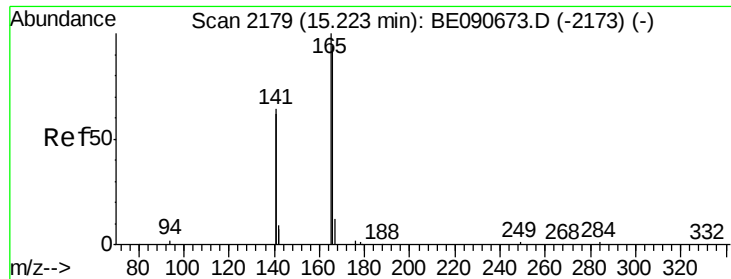
Ion Ratio Lower Upper

154 100

153 440.9 354.5 531.7

152 238.4 227.8 341.6

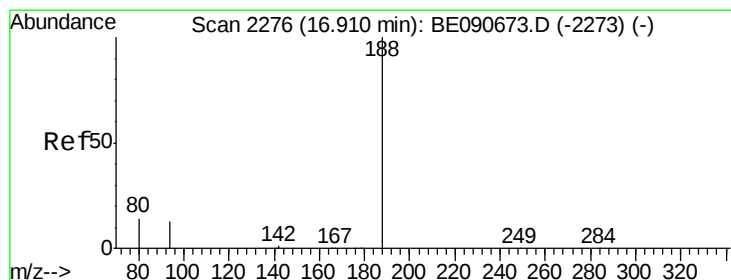
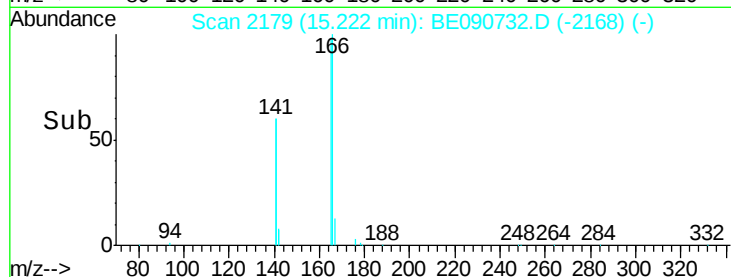
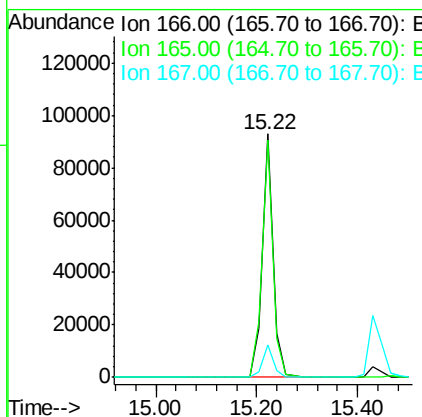
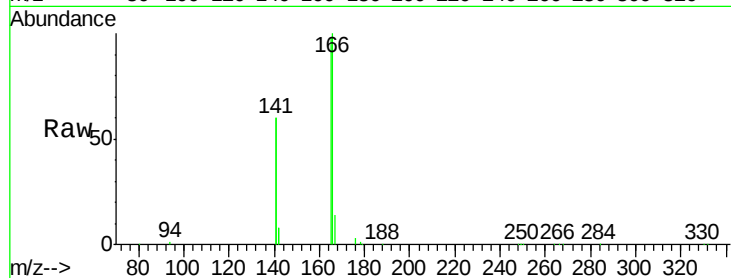




#17
Fluorene
 Concen: 4.00 ng
 RT: 15.22 min Scan# 2179
 Delta R.T. -0.00 min
 Lab File: BE090732.D
 Acq: 4 Sep 2015 16:38

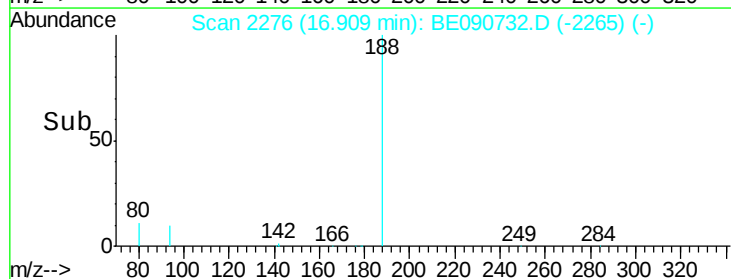
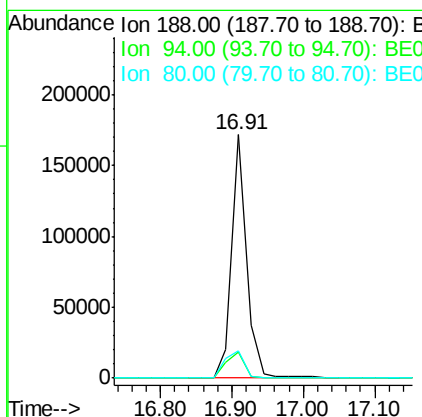
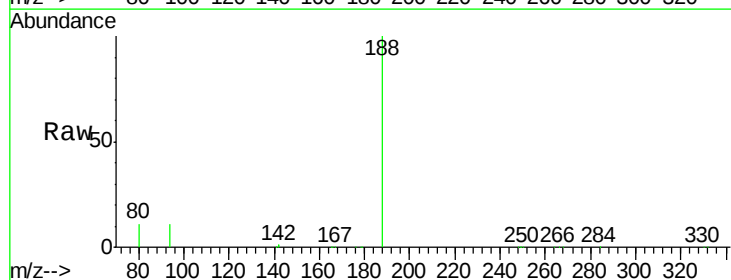
Instrument :
 BNA_E
 ClientSampleId :
 PB85414BS

Tot Ion:166 Resp: 136125
 Ion Ratio Lower Upper
 166 100
 165 99.1 82.7 124.1
 167 13.4 10.7 16.1



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 16.91 min Scan# 2276
 Delta R.T. -0.00 min
 Lab File: BE090732.D
 Acq: 4 Sep 2015 16:38

Tgt Ion:188 Resp: 246413
 Ion Ratio Lower Upper
 188 100
 94 10.5 10.3 15.5
 80 11.2 11.0 16.6

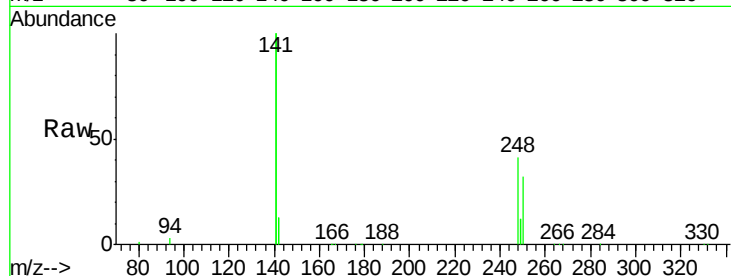




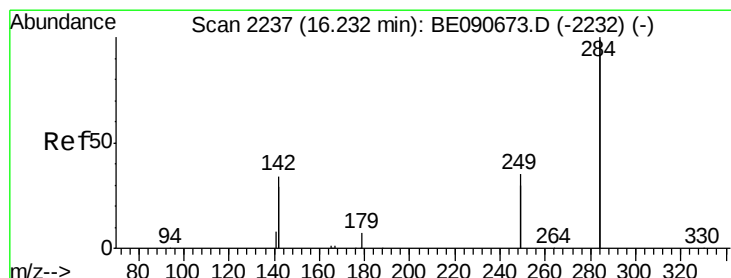
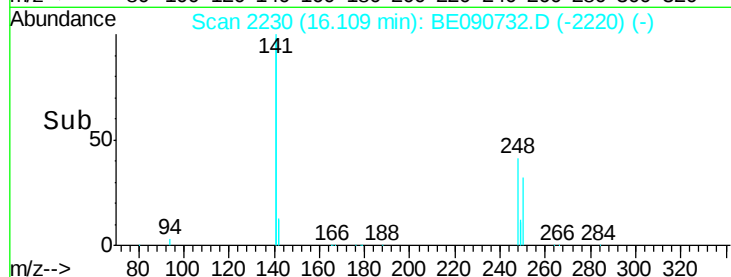
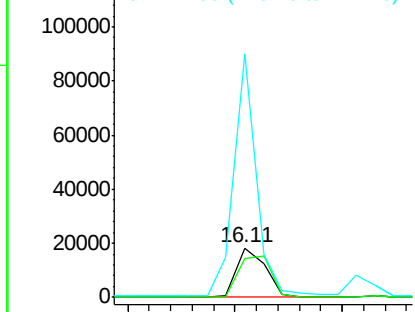
#19
4-Bromophenyl-phenylether
Concen: 4.08 ng
RT: 16.11 min Scan# 2230
Delta R.T. -0.02 min
Lab File: BE090732.D
Acq: 4 Sep 2015 16:38

Instrument :
BNA_E
ClientSampleID :
PB85414BS

Tot Ion:248 Resp: 34254
Ion Ratio Lower Upper
248 100
250 96.4 76.7 115.1
141 371.6 292.6 439.0

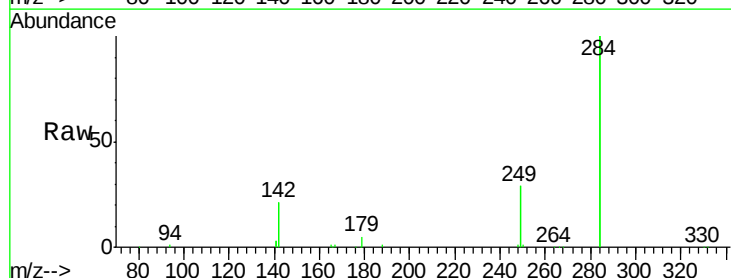


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

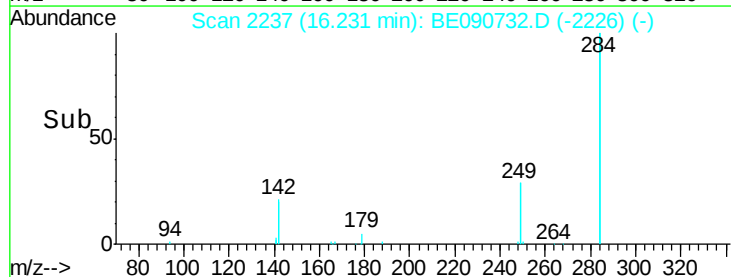
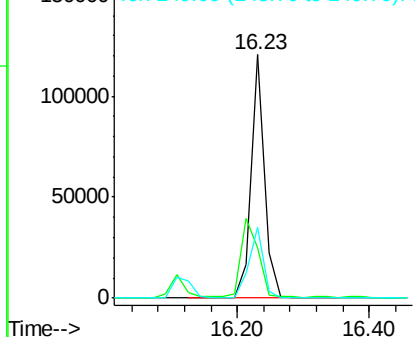


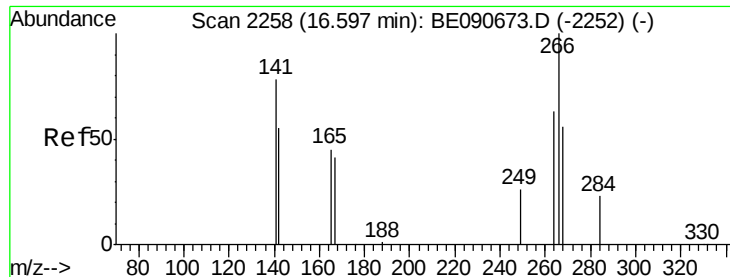
#20
Hexachlorobenzene
Concen: 4.17 ng
RT: 16.23 min Scan# 2237
Delta R.T. -0.00 min
Lab File: BE090732.D
Acq: 4 Sep 2015 16:38

Tgt Ion:284 Resp: 167993
Ion Ratio Lower Upper
284 100
142 41.0 35.0 52.4
249 31.1 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

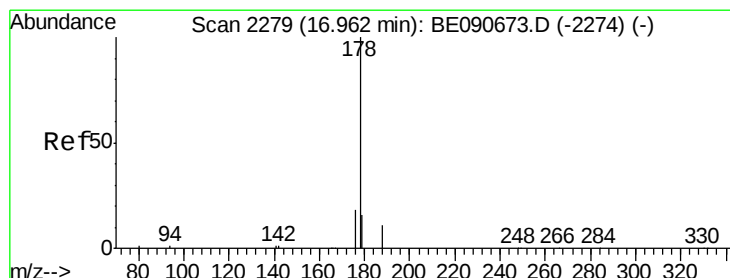
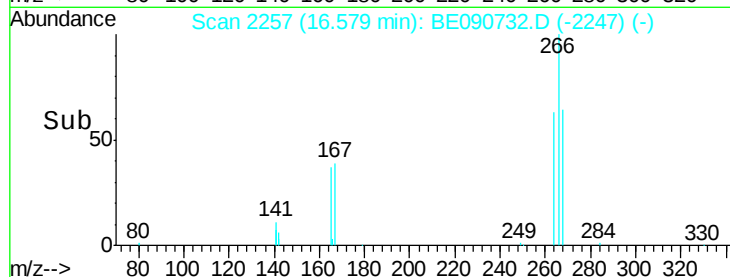
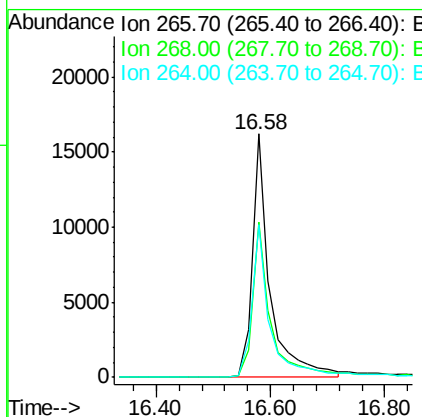
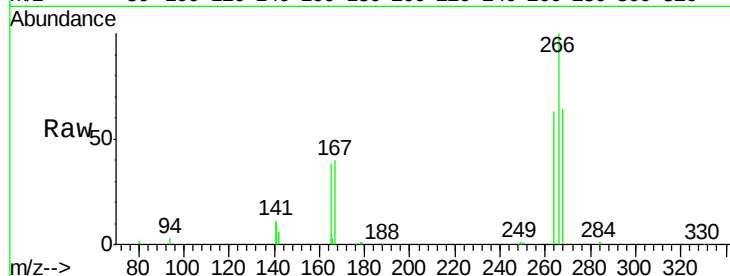




#21
 Pentachlorophenol
 Concen: 9.98 ng
 RT: 16.58 min Scan# 2257
 Delta R.T. -0.02 min
 Lab File: BE090732.D
 Acq: 4 Sep 2015 16:38

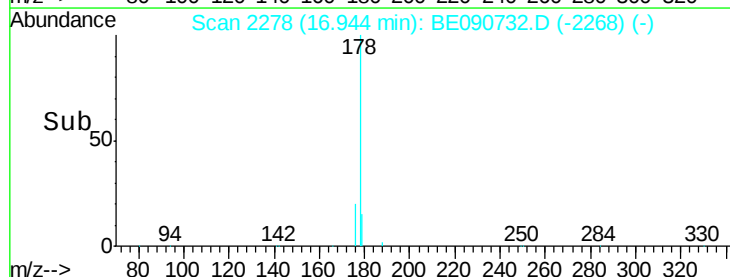
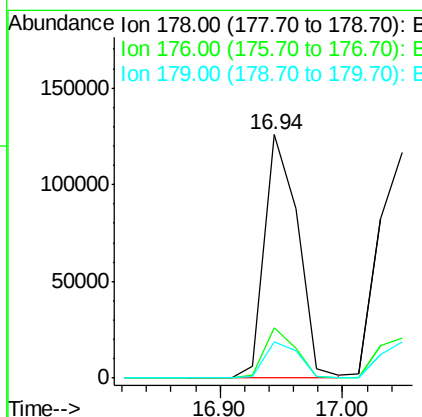
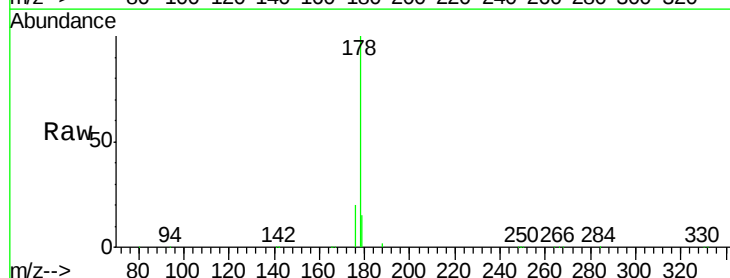
Instrument :
 BNA_E
 ClientSampleId :
 PB85414BS

Tot Ion:266 Resp: 34544
 Ion Ratio Lower Upper
 266 100
 268 64.0 49.6 74.4
 264 62.8 53.9 80.9



#22
 Phenanthrene
 Concen: 3.85 ng
 RT: 16.94 min Scan# 2278
 Delta R.T. -0.02 min
 Lab File: BE090732.D
 Acq: 4 Sep 2015 16:38

Tgt Ion:178 Resp: 235097
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.6 23.4
 179 15.5 12.8 19.2





#23

Anthracene

Concen: 4.50 ng

RT: 17.05 min Scan# 2284

Delta R.T. -0.00 min

Lab File: BE090732.D

Acq: 4 Sep 2015 16:38

Instrument :

BNA_E

ClientSampleId :

PB85414BS

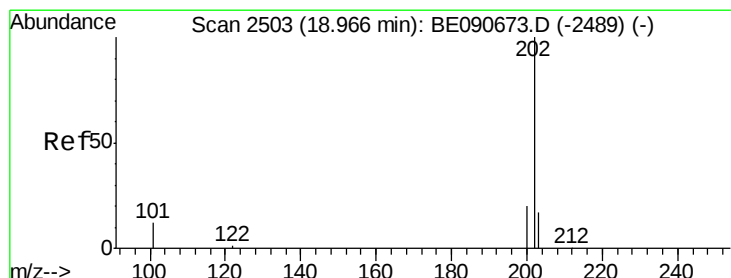
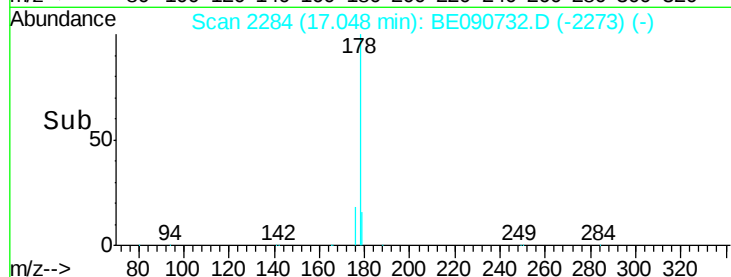
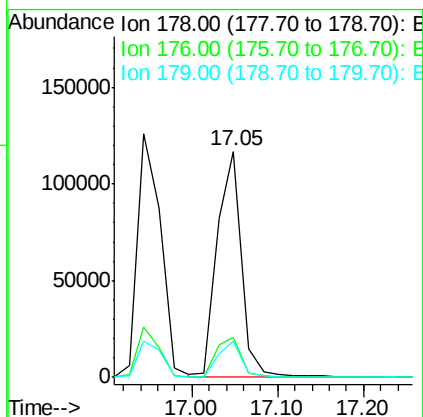
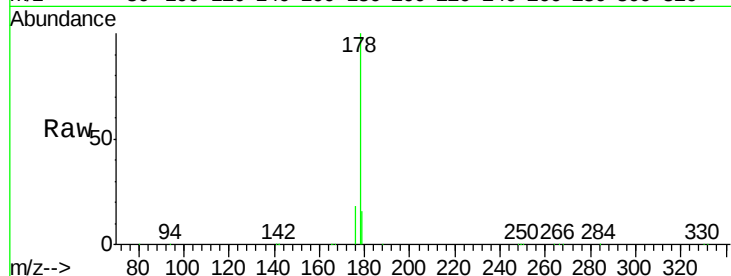
Tot Ion:178 Resp: 229248

Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.6

179 15.3 12.3 18.5



#24

Fluoranthene

Concen: 4.34 ng

RT: 18.96 min Scan# 2501

Delta R.T. -0.01 min

Lab File: BE090732.D

Acq: 4 Sep 2015 16:38

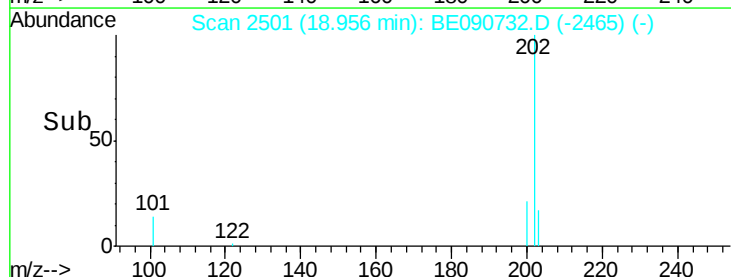
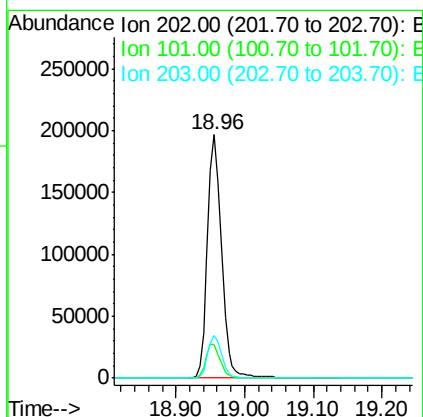
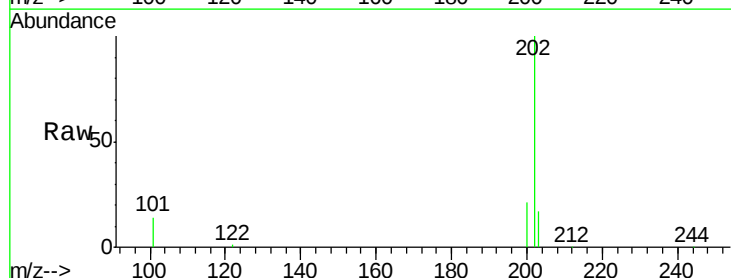
Tgt Ion:202 Resp: 278886

Ion Ratio Lower Upper

202 100

101 14.3 11.0 16.6

203 17.3 13.9 20.9





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.07 min Scan# 2861

Delta R.T. -0.00 min

Lab File: BE090732.D

Acq: 4 Sep 2015 16:38

Instrument :

BNA_E

ClientSampleId :

PB85414BS

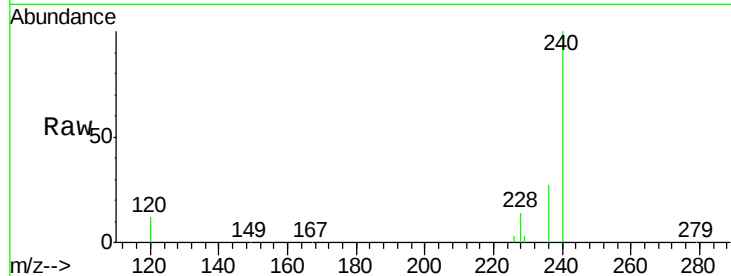
Tot Ion:240 Resp: 324625

Ion Ratio Lower Upper

240 100

120 11.6 10.1 15.1

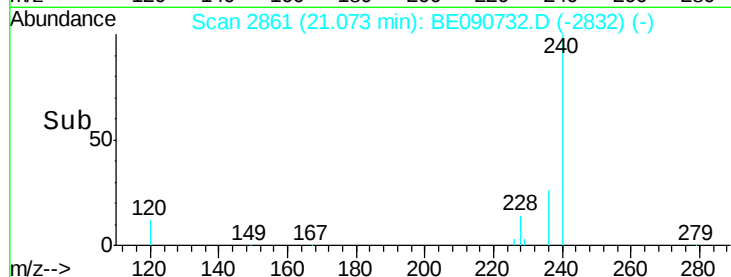
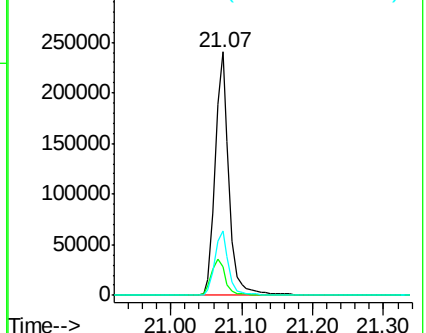
236 26.5 21.9 32.9



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: 4.59 ng

RT: 19.32 min Scan# 2569

Delta R.T. -0.01 min

Lab File: BE090732.D

Acq: 4 Sep 2015 16:38

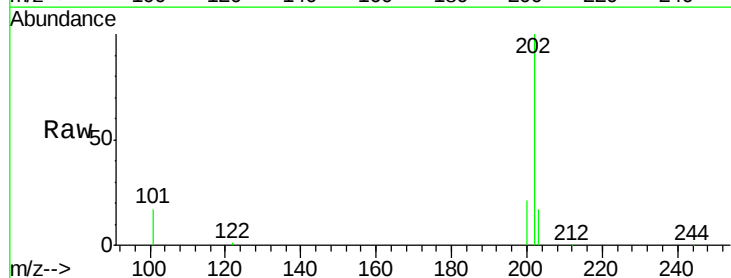
Tgt Ion:202 Resp: 308412

Ion Ratio Lower Upper

202 100

200 21.3 16.7 25.1

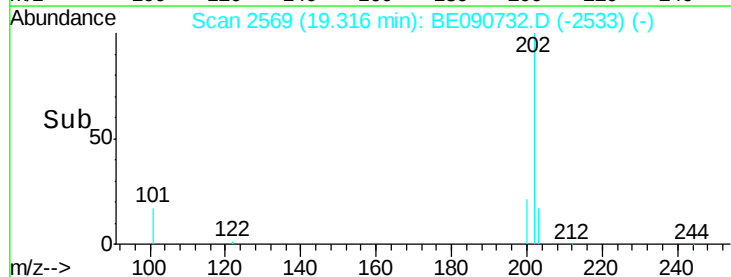
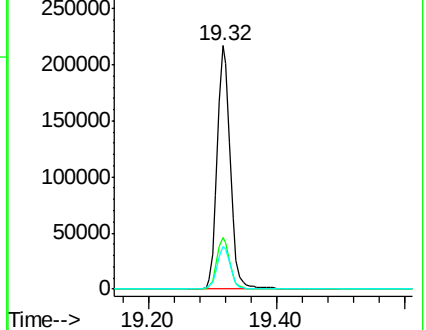
203 17.9 13.8 20.6

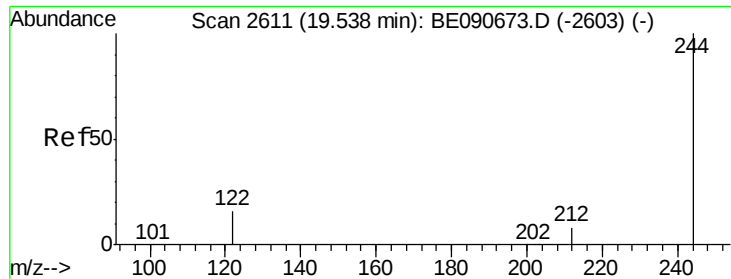


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

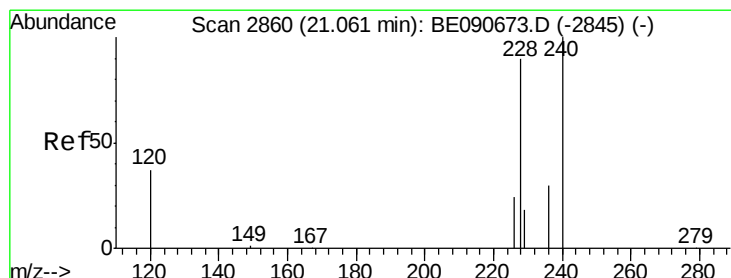
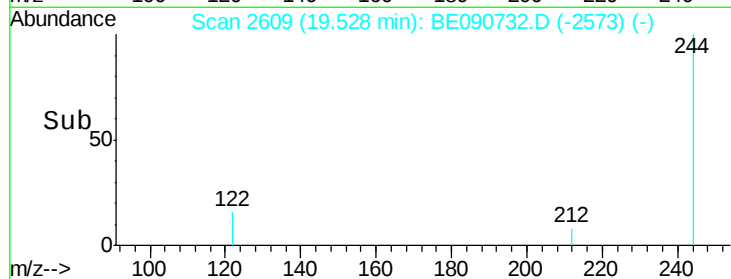
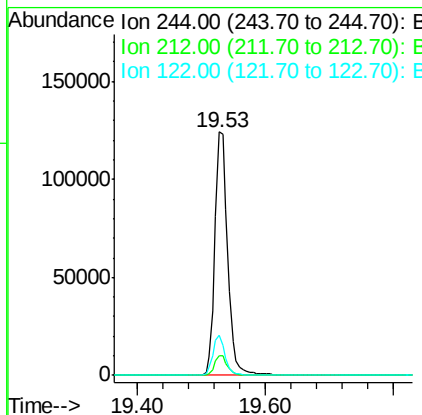
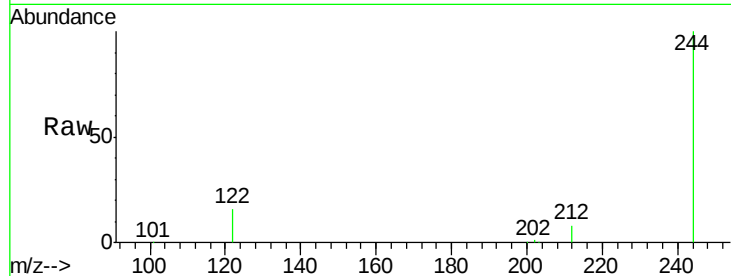




#27
 Terphenyl-d14
 Concen: 4.82 ng
 RT: 19.53 min Scan# 2609
 Delta R.T. -0.01 min
 Lab File: BE090732.D
 Acq: 4 Sep 2015 16:38

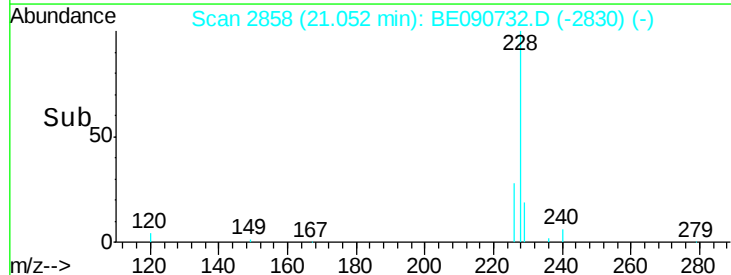
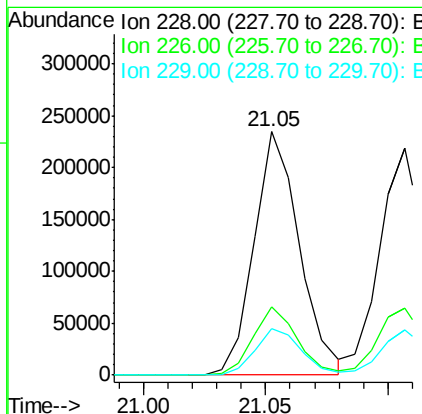
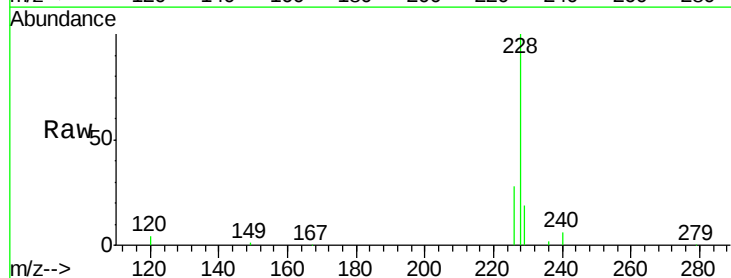
Instrument :
 BNA_E
 ClientSampleId :
 PB85414BS

Tot Ion:244 Resp: 173187
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.9 10.3
 122 16.5 12.9 19.3



#28
 Benzo(a)anthracene
 Concen: 4.23 ng
 RT: 21.05 min Scan# 2858
 Delta R.T. -0.01 min
 Lab File: BE090732.D
 Acq: 4 Sep 2015 16:38

Tgt Ion:228 Resp: 301297
 Ion Ratio Lower Upper
 228 100
 226 28.0 21.6 32.4
 229 19.3 15.9 23.9





#29

Chrysene

Concen: 4.11 ng

RT: 21.11 min Scan# 2866

Delta R.T. -0.00 min

Lab File: BE090732.D

Acq: 4 Sep 2015 16:38

Instrument :

BNA_E

ClientSampleId :

PB85414BS

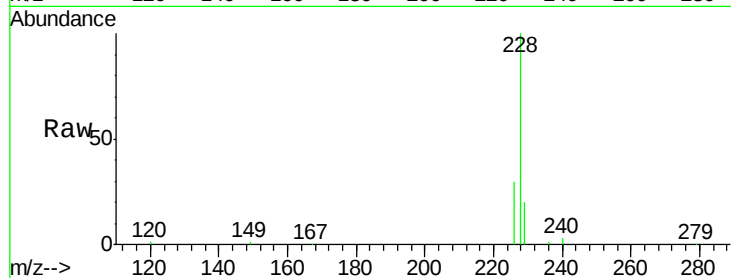
Tot Ion:228 Resp: 308946

Ion Ratio Lower Upper

228 100

226 29.7 24.2 36.4

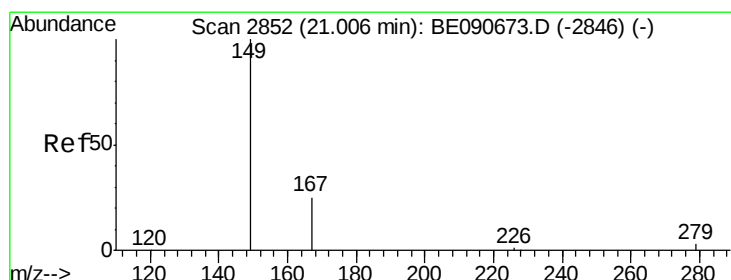
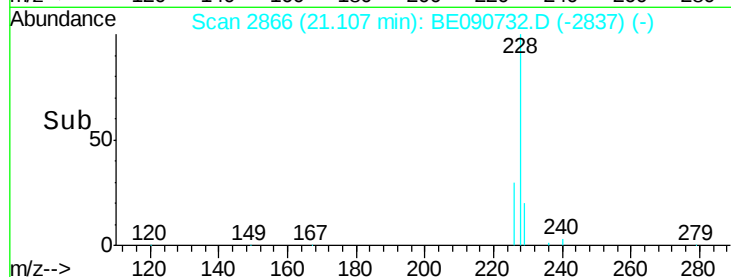
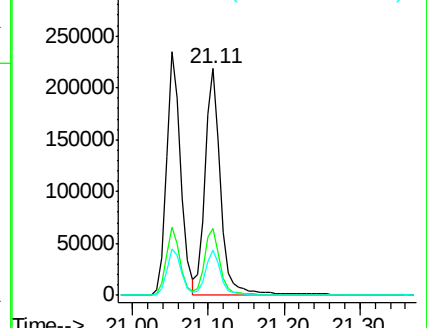
229 19.8 15.3 22.9



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: 5.02 ng

RT: 21.00 min Scan# 2850

Delta R.T. -0.01 min

Lab File: BE090732.D

Acq: 4 Sep 2015 16:38

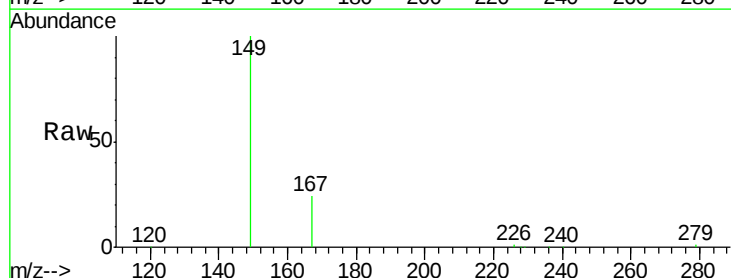
Tgt Ion:149 Resp: 123398

Ion Ratio Lower Upper

149 100

167 25.9 20.1 30.1

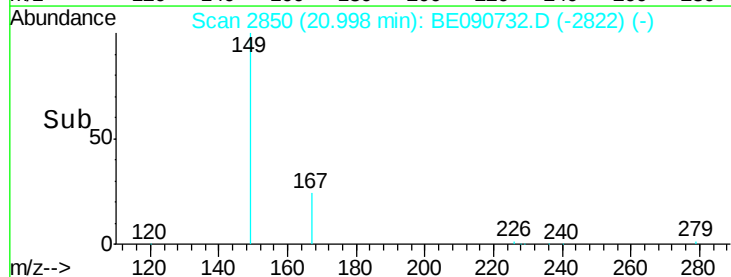
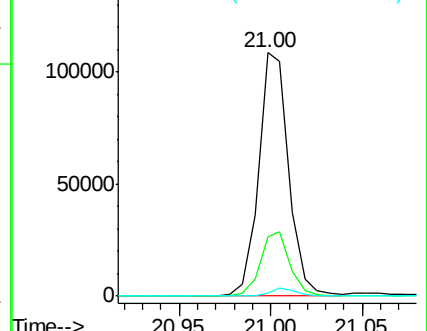
279 2.9 2.3 3.5



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

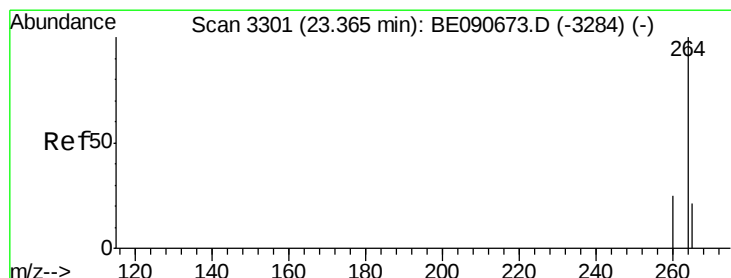
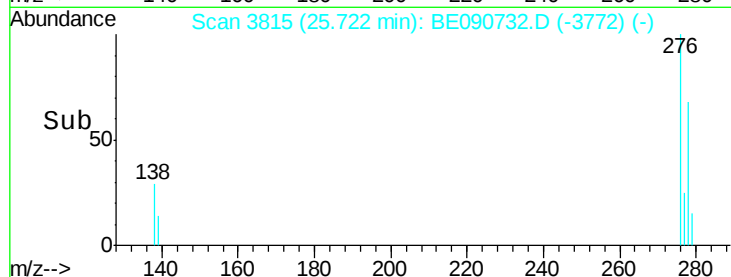
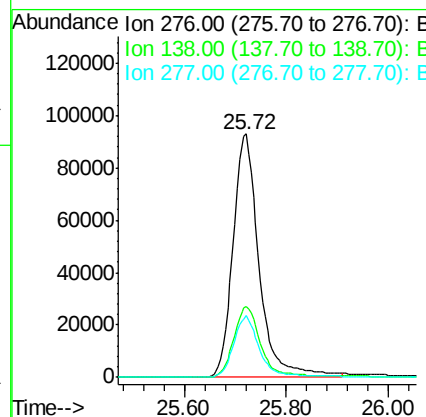
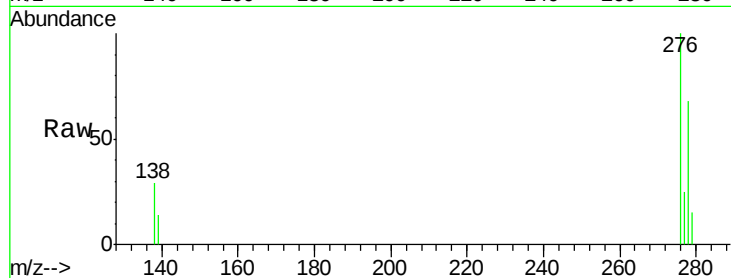




#31
 Indeno(1,2,3-cd)pyrene
 Concen: 4.30 ng
 RT: 25.72 min Scan# 3815
 Delta R.T. -0.01 min
 Lab File: BE090732.D
 Acq: 4 Sep 2015 16:38

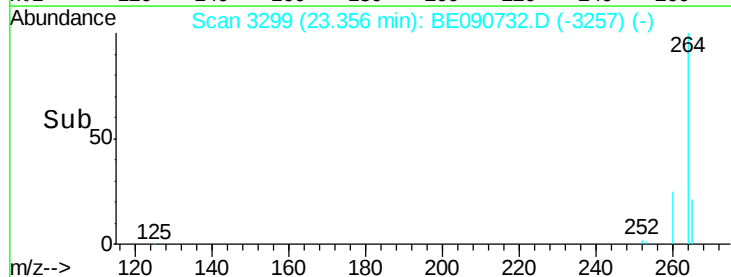
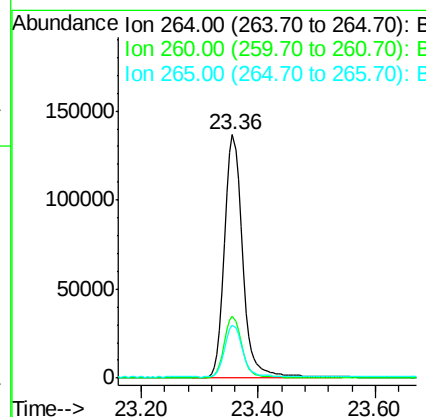
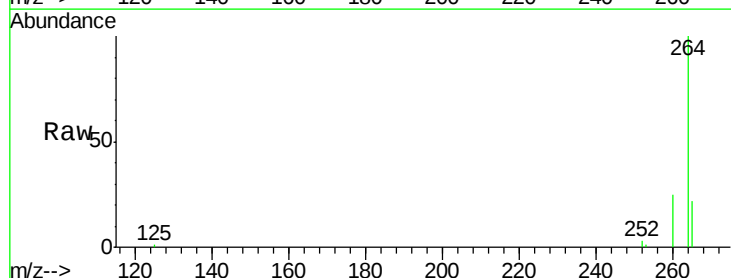
Instrument :
 BNA_E
 ClientSampleId :
 PB85414BS

Tot Ion:276 Resp: 329916
 Ion Ratio Lower Upper
 276 100
 138 30.2 23.3 34.9
 277 25.0 19.8 29.6



#32
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.36 min Scan# 3299
 Delta R.T. -0.01 min
 Lab File: BE090732.D
 Acq: 4 Sep 2015 16:38

Tgt Ion:264 Resp: 293766
 Ion Ratio Lower Upper
 264 100
 260 25.2 19.7 29.5
 265 21.8 17.5 26.3





#33

Benzo(b)fluoranthene

Concen: 4.32 ng

RT: 22.66 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BE090732.D

Acq: 4 Sep 2015 16:38

Instrument :

BNA_E

ClientSampleId :

PB85414BS

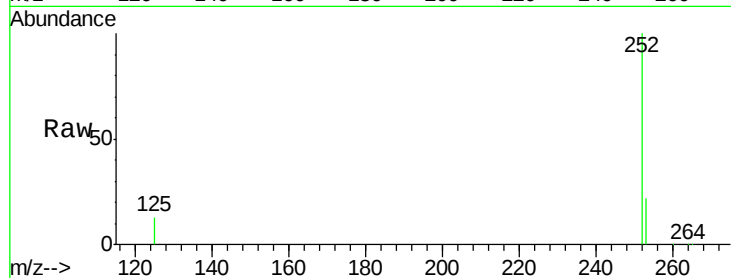
Tot Ion:252 Resp: 275143

Ion Ratio Lower Upper

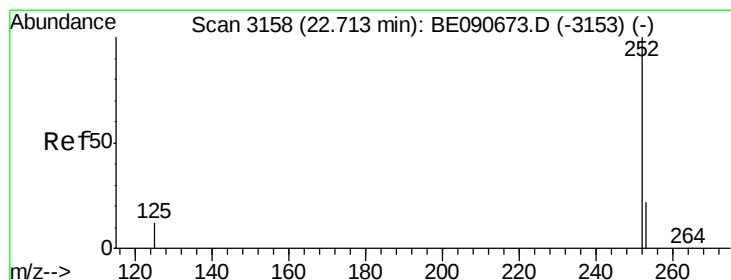
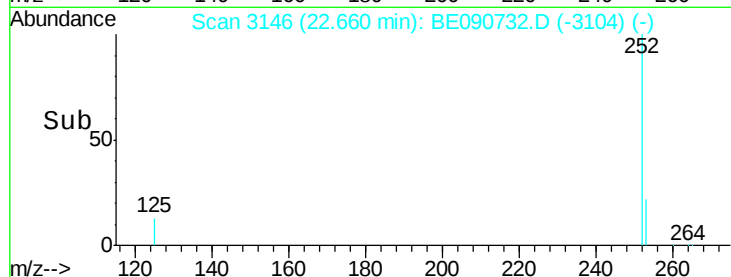
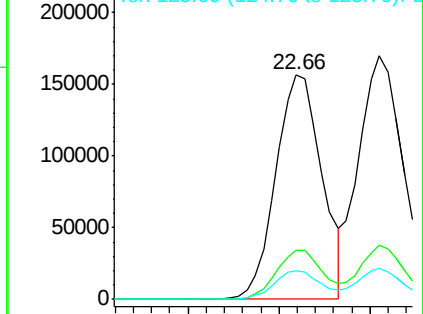
252 100

253 21.9 17.9 26.9

125 13.0 10.6 16.0



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



#34

Benzo(k)fluoranthene

Concen: 4.25 ng

RT: 22.71 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BE090732.D

Acq: 4 Sep 2015 16:38

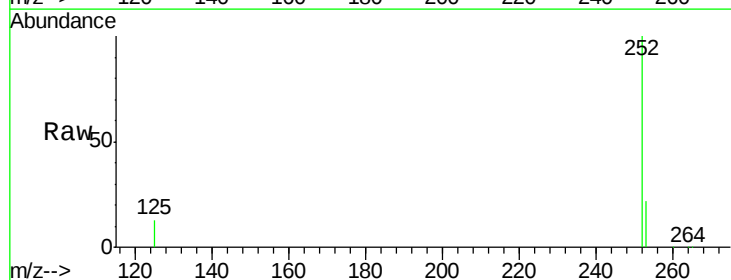
Tgt Ion:252 Resp: 315463

Ion Ratio Lower Upper

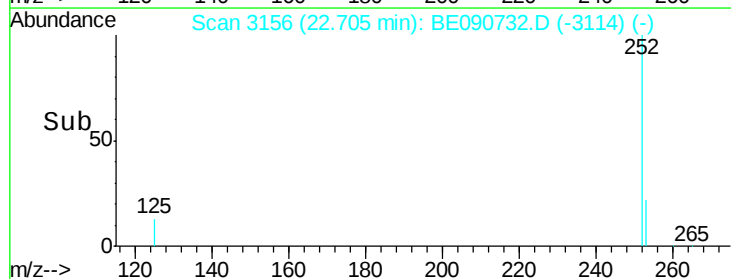
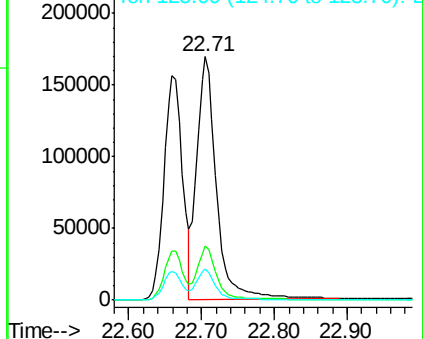
252 100

253 22.0 17.9 26.9

125 12.6 10.1 15.1



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

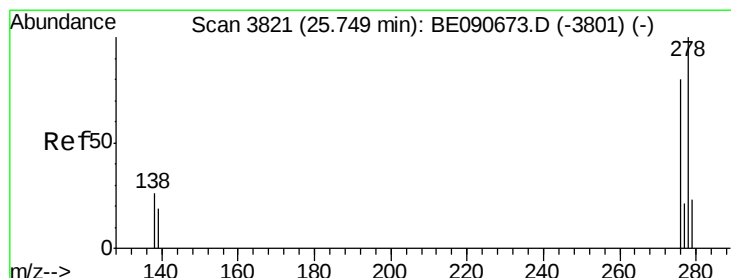
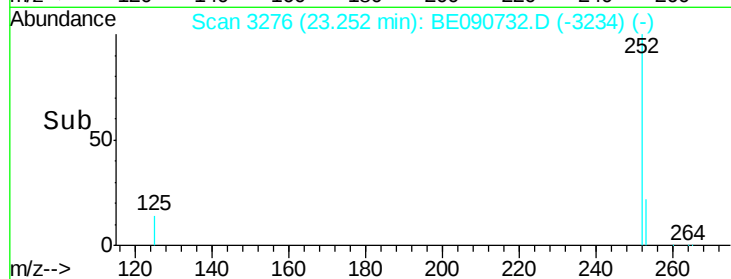
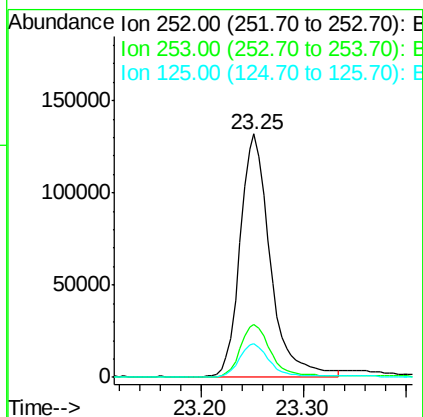
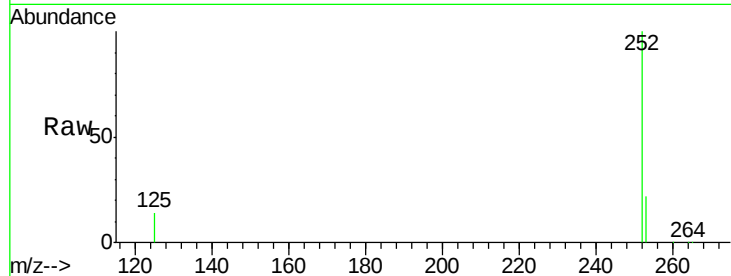




#35
Benzo(a)pyrene
Concen: 4.70 ng
RT: 23.25 min Scan# 3276
Delta R.T. -0.01 min
Lab File: BE090732.D
Acq: 4 Sep 2015 16:38

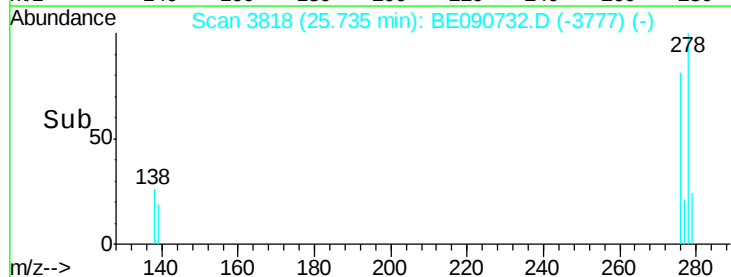
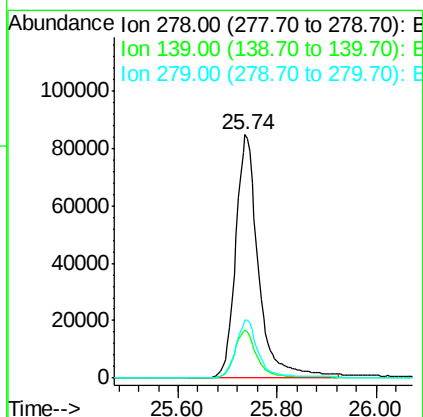
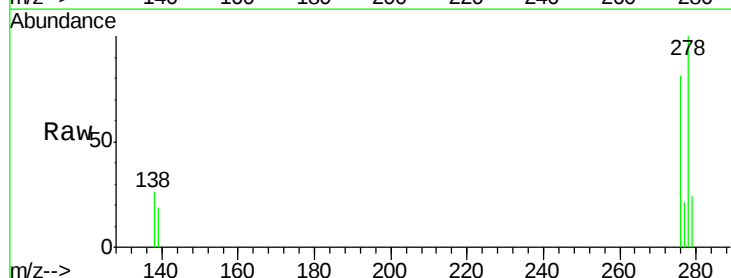
Instrument :
BNA_E
ClientSampleId :
PB85414BS

Tot Ion:252 Resp: 268024
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 14.0 11.6 17.4



#36
Dibenzo(a,h)anthracene
Concen: 3.94 ng
RT: 25.74 min Scan# 3818
Delta R.T. -0.01 min
Lab File: BE090732.D
Acq: 4 Sep 2015 16:38

Tgt Ion:278 Resp: 271552
Ion Ratio Lower Upper
278 100
139 19.5 15.4 23.0
279 24.0 18.8 28.2





#37

Benzo(a,h,i)perylene

Concen: 4.32 ng

RT: 26.44 min Scan# 3973

Delta R.T. -0.01 min

Lab File: BE090732.D

Acq: 4 Sep 2015 16:38

Instrument :

BNA_E

ClientSampleId :

PB85414BS

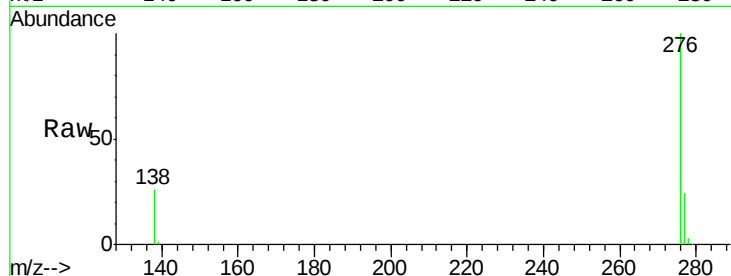
Tot Ion: 276 Resp: 283337

Ion Ratio Lower Upper

276 100

277 23.9 18.5 27.7

138 26.3 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

