

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080515\
 Data File : BE090392.D
 Acq On : 6 Aug 2015 16:36
 Operator : TP/UM
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001EC

Quant Time: Aug 06 18:19:54 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 06 12:28:08 2015
 Response via : Initial Calibration

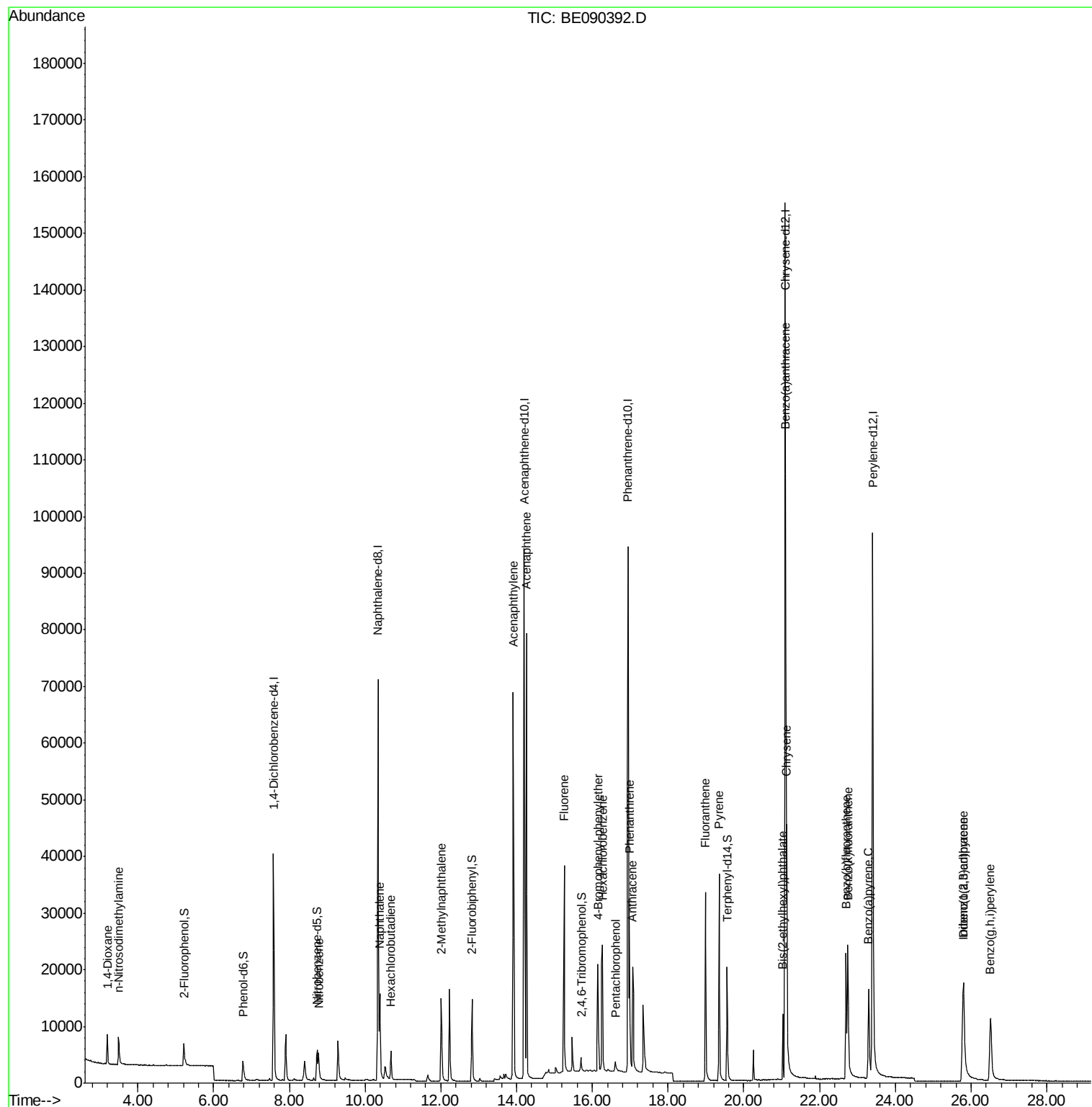
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	21747	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	97209	5.00	ng	0.00
12) Acenaphthene-d10	14.20	164	55301	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	131596	5.00	ng	0.00
25) Chrysene-d12	21.10	240	155783	5.00	ng	0.00
32) Perylene-d12	23.40	264	143444	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	4402	1.35	ng	0.00
5) Phenol-d6	6.77	99	6237	1.10	ng	0.00
7) Nitrobenzene-d5	8.73	82	6669	1.01	ng	0.00
13) 2,4,6-Tribromophenol	15.71	330	1433	1.46	ng	0.00
14) 2-Fluorobiphenyl	12.82	172	16165	1.06	ng	0.00
27) Terphenyl-d14	19.56	244	24697	1.08	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.20	88	3147	1.12	ng	96
3) n-Nitrosodimethylamine	3.49	42	3409	1.01	ng	# 79
8) Nitrobenzene	8.77	77	7024	1.00	ng	99
9) Naphthalene	10.39	128	21467	1.00	ng	98
10) Hexachlorobutadiene	10.69	225	3693	1.08	ng	100
11) 2-Methylnaphthalene	12.01	142	13372	1.07	ng	97
15) Acenaphthylene	13.91	152	95080	1.06	ng	100
16) Acenaphthene	14.26	154	14034	1.01	ng	92
17) Fluorene	15.26	166	18079	1.00	ng	100
19) 4-Bromophenyl-phenylether	16.14	248	5390	1.05	ng	98
20) Hexachlorobenzene	16.27	284	25845	0.98	ng	99
21) Pentachlorophenol	16.61	266	1515	1.56	ng	96
22) Phenanthrene	16.98	178	32182	0.98	ng	100
23) Anthracene	17.07	178	27985	1.03	ng	100
24) Fluoranthene	18.99	202	34697	1.07	ng	100
26) Pyrene	19.35	202	35916	1.06	ng	100
28) Benzo(a)anthracene	21.08	228	35858	1.04	ng	99
29) Chrysene	21.14	228	41808	1.00	ng	99
30) Bis(2-ethylhexyl)phthalate	21.03	149	9984	1.21	ng	99
31) Indeno(1,2,3-cd)pyrene	25.79	276	31448	1.05	ng	98
33) Benzo(b)fluoranthene	22.70	252	30772	1.11	ng	99
34) Benzo(k)fluoranthene	22.75	252	37599	0.94	ng	98
35) Benzo(a)pyrene	23.30	252	26974	1.07	ng	100
36) Dibenzo(a,h)anthracene	25.80	278	24077	1.04	ng	97
37) Benzo(g,h,i)perylene	26.51	276	29068	1.10	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: 7.59 min Scan# 846

Delta R.T. -0.00 min

Lab File: BE090392.D

Acq: 6 Aug 2015 16:36

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

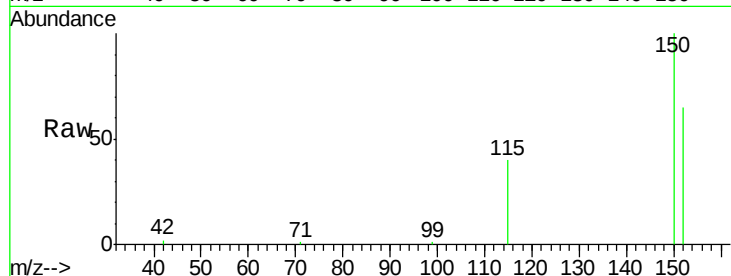
Tgt Ion:152 Resp: 21747

Ion Ratio Lower Upper

152 100

150 152.7 123.0 184.4

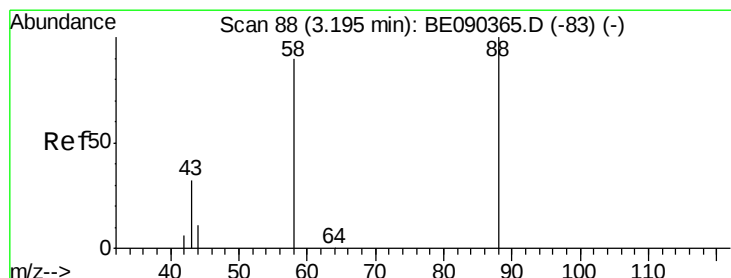
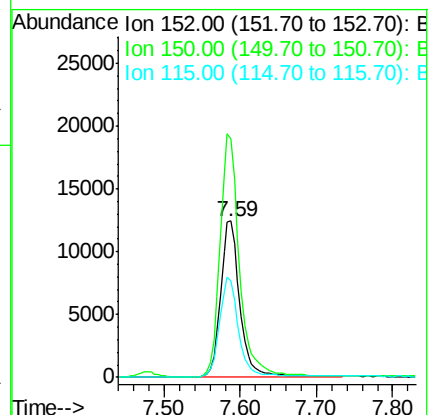
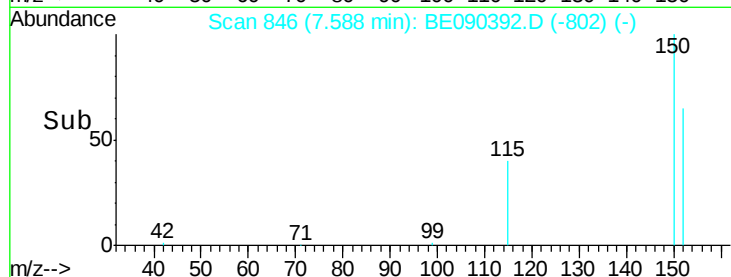
115 61.4 48.9 73.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 1.12 ng

RT: 3.20 min Scan# 88

Delta R.T. 0.00 min

Lab File: BE090392.D

Acq: 6 Aug 2015 16:36

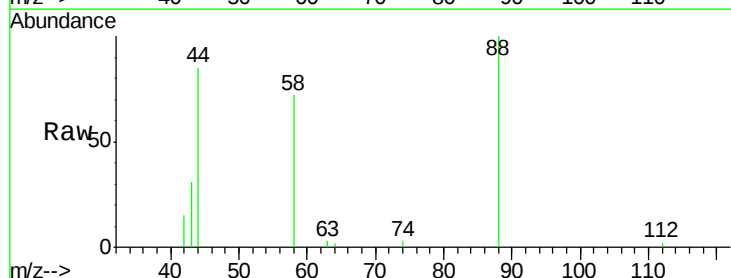
Tgt Ion: 88 Resp: 3147

Ion Ratio Lower Upper

88 100

58 84.0 70.0 105.0

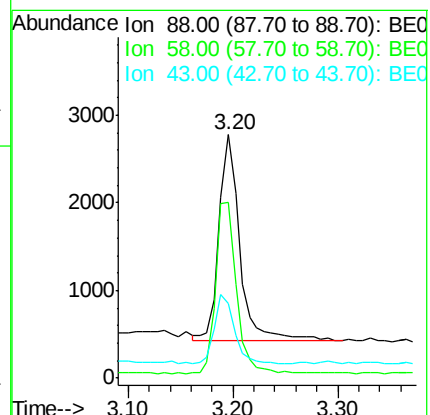
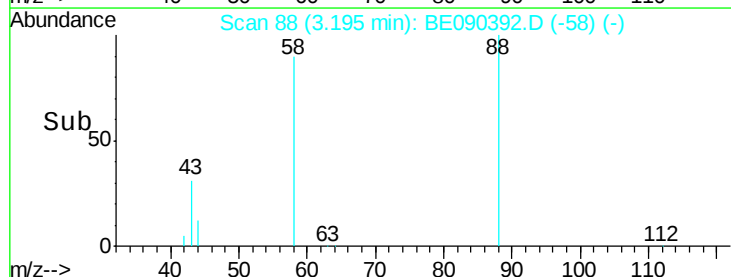
43 32.3 28.4 42.6

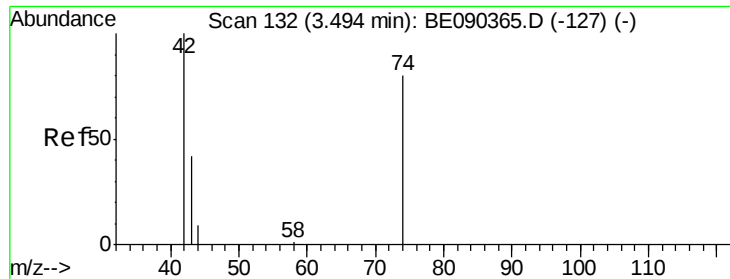


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



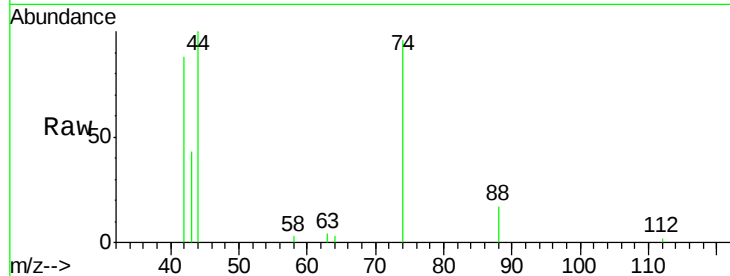


#3

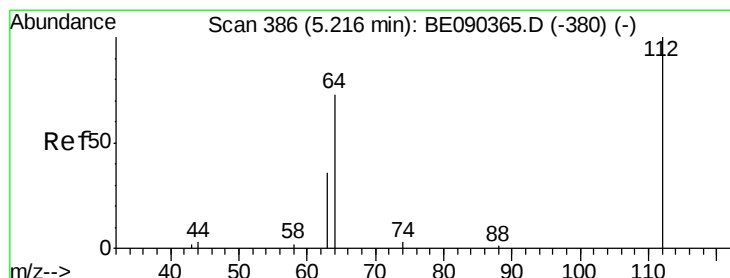
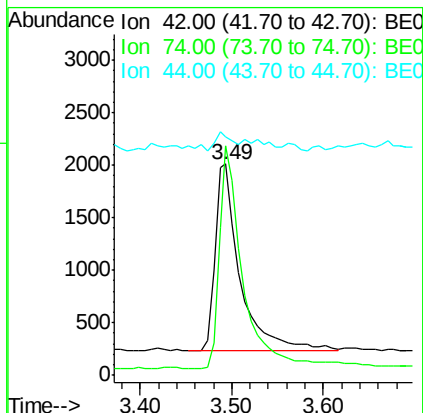
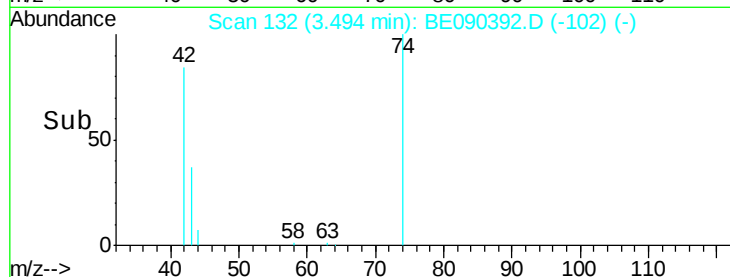
n-Nitrosodimethylamine
 Concen: 1.01 ng
 RT: 3.49 min Scan# 132
 Delta R.T. 0.00 min
 Lab File: BE090392.D
 Acq: 6 Aug 2015 16:36

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001EC

Tgt Ion: 42 Resp: 3409
 Ion Ratio Lower Upper
 42 100
 74 115.7 75.2 112.8#
 44 6.8 8.7 13.1#



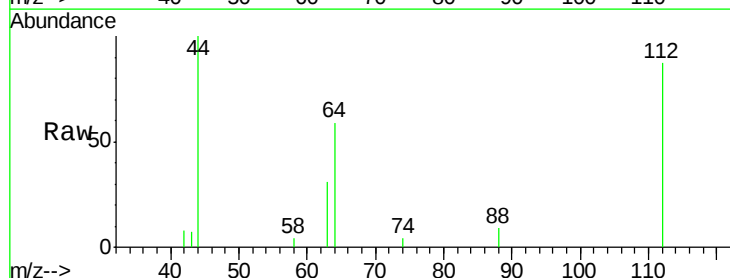
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



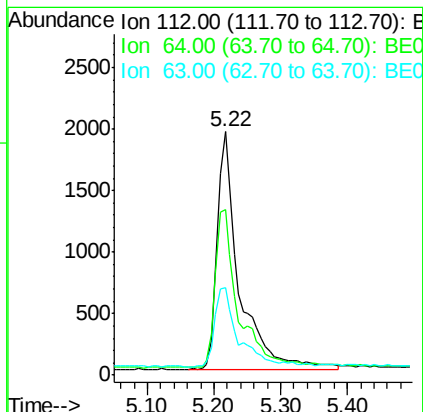
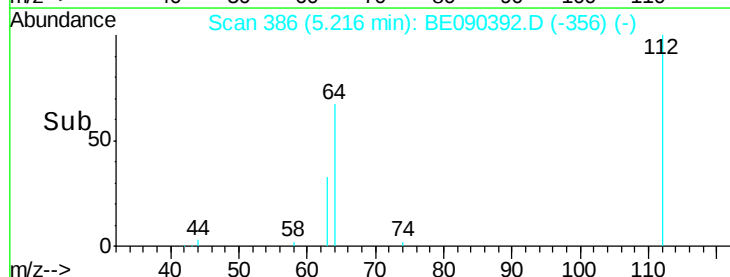
#4

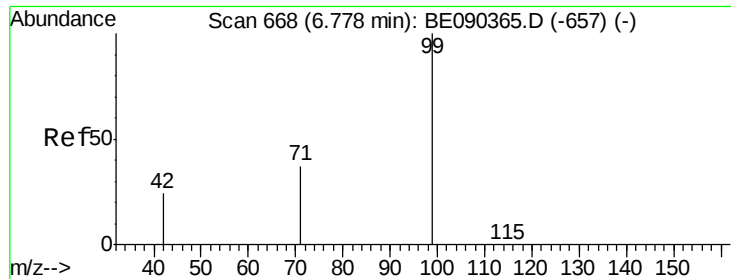
2-Fluorophenol
 Concen: 1.35 ng
 RT: 5.22 min Scan# 386
 Delta R.T. 0.00 min
 Lab File: BE090392.D
 Acq: 6 Aug 2015 16:36

Tgt Ion: 112 Resp: 4402
 Ion Ratio Lower Upper
 112 100
 64 68.9 37.1 55.7#
 63 36.2 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: 1.10 ng

RT: 6.77 min Scan# 667

Delta R.T. -0.01 min

Lab File: BE090392.D

Acq: 6 Aug 2015 16:36

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

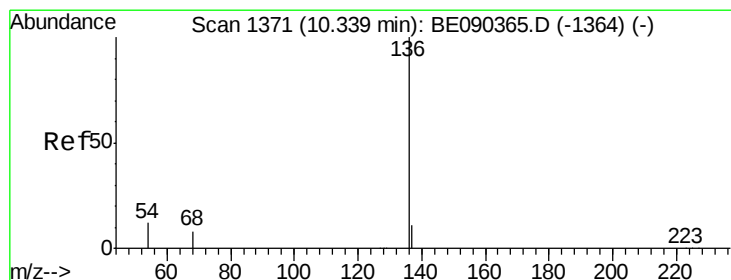
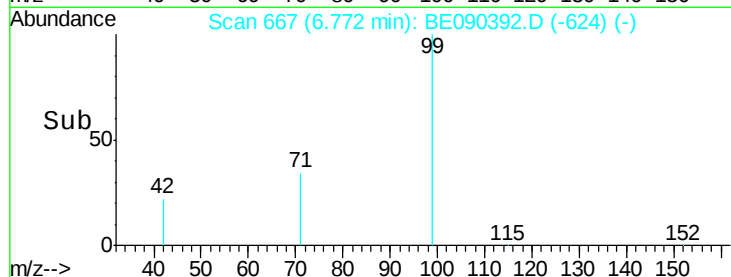
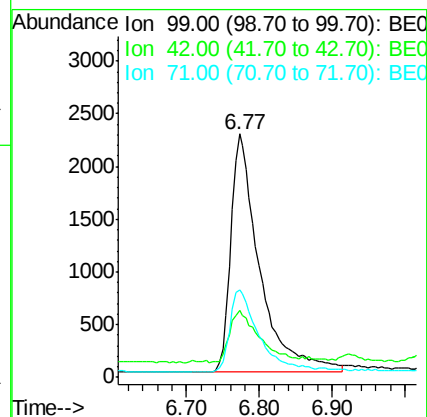
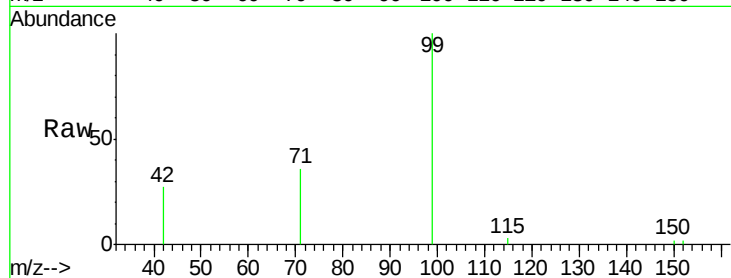
Tgt Ion: 99 Resp: 6237

Ion Ratio Lower Upper

99 100

42 22.6 18.2 27.4

71 34.5 27.4 41.0



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.34 min Scan# 1371

Delta R.T. 0.00 min

Lab File: BE090392.D

Acq: 6 Aug 2015 16:36

Tgt Ion: 136 Resp: 97209

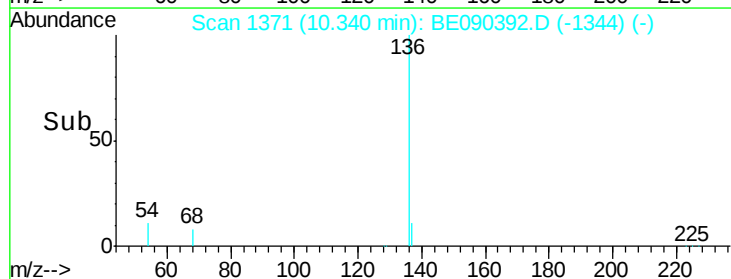
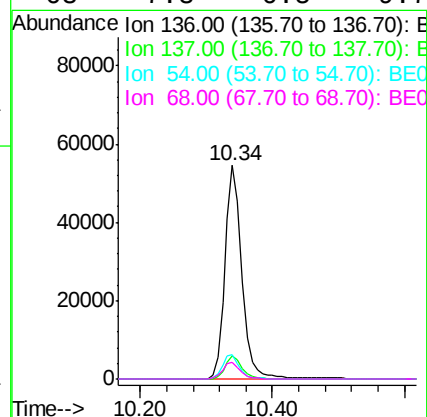
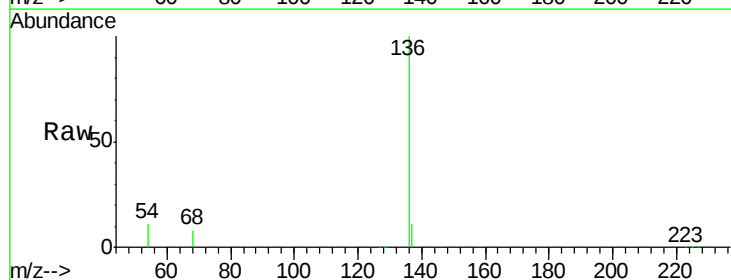
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 11.3 9.4 14.0

68 7.8 6.5 9.7





#7

Nitrobenzene-d5

Concen: 1.01 ng

RT: 8.73 min Scan# 1093

Delta R.T. -0.00 min

Lab File: BE090392.D

Acq: 6 Aug 2015 16:36

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

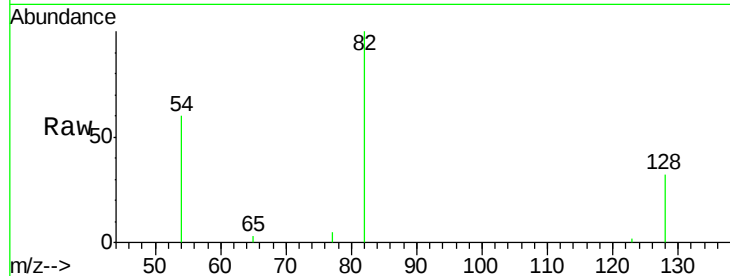
Tgt Ion: 82 Resp: 6669

Ion Ratio Lower Upper

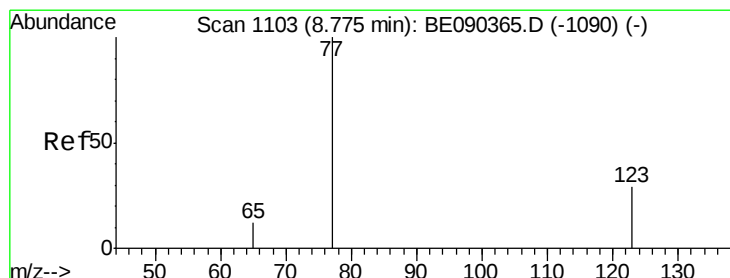
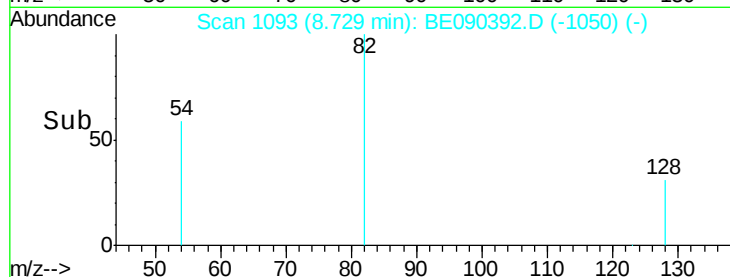
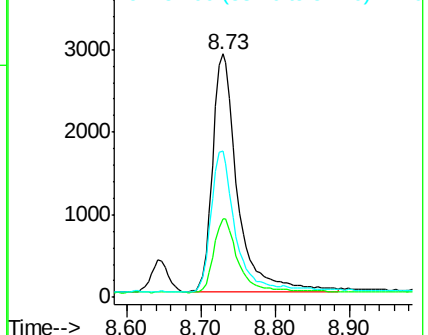
82 100

128 32.0 25.0 37.6

54 60.0 48.8 73.2



Abundance Ion 82.00 (81.70 to 82.70): BE0
Ion 128.00 (127.70 to 128.70): BE0
Ion 54.00 (53.70 to 54.70): BE0



#8

Nitrobenzene

Concen: 1.00 ng

RT: 8.77 min Scan# 1102

Delta R.T. -0.00 min

Lab File: BE090392.D

Acq: 6 Aug 2015 16:36

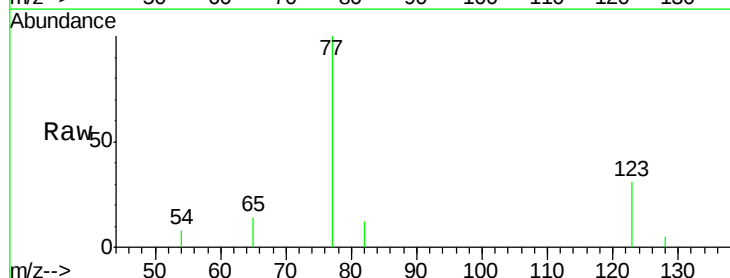
Tgt Ion: 77 Resp: 7024

Ion Ratio Lower Upper

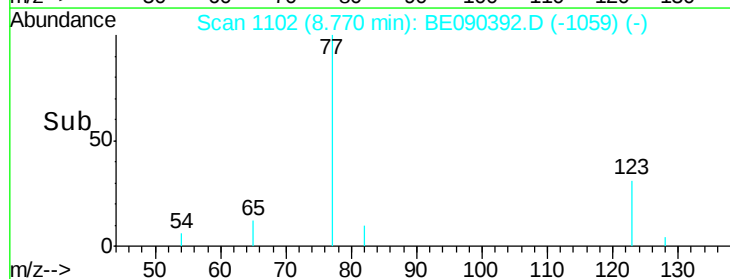
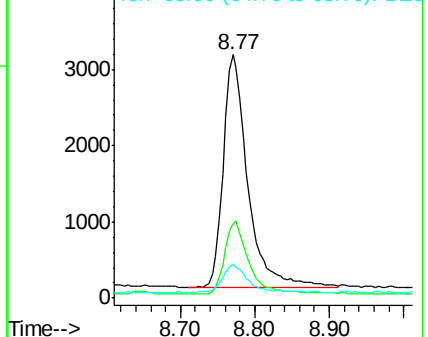
77 100

123 30.9 25.1 37.7

65 12.0 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: 1.00 ng

RT: 10.39 min Scan# 1378

Delta R.T. 0.00 min

Lab File: BE090392.D

Acq: 6 Aug 2015 16:36

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

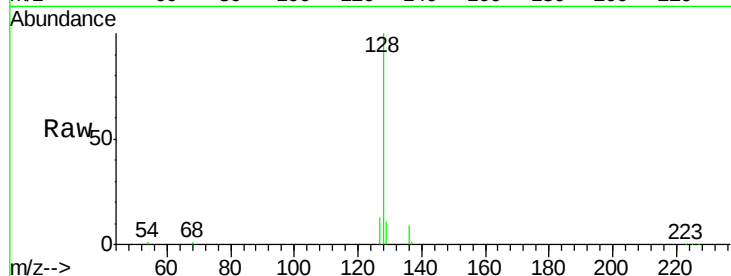
Tgt Ion:128 Resp: 21467

Ion Ratio Lower Upper

128 100

129 11.2 9.8 14.6

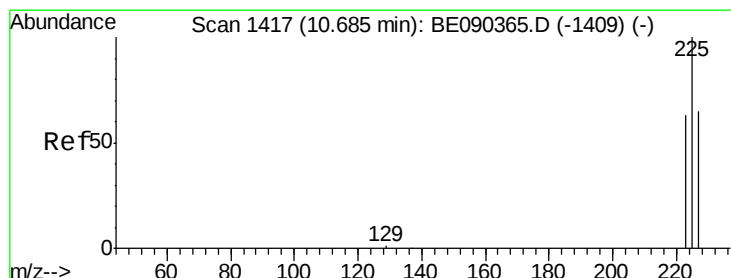
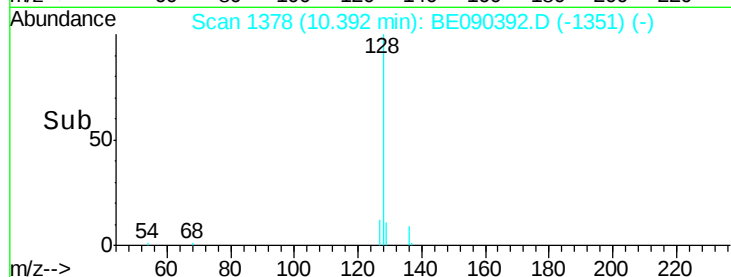
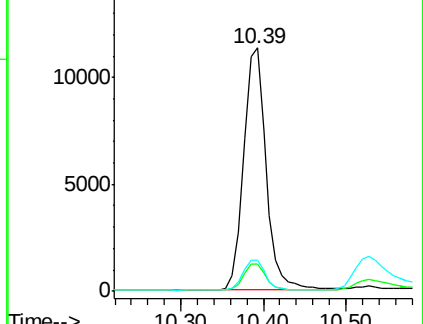
127 12.8 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 1.08 ng

RT: 10.69 min Scan# 1417

Delta R.T. 0.00 min

Lab File: BE090392.D

Acq: 6 Aug 2015 16:36

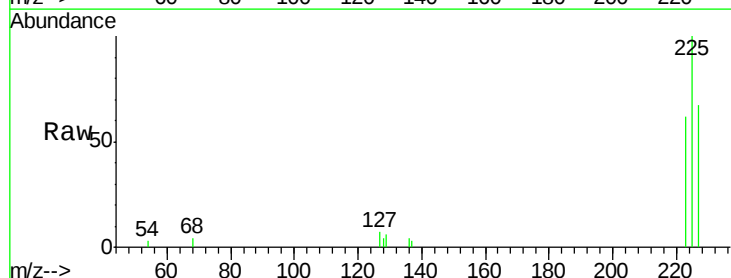
Tgt Ion:225 Resp: 3693

Ion Ratio Lower Upper

225 100

223 62.8 50.6 75.8

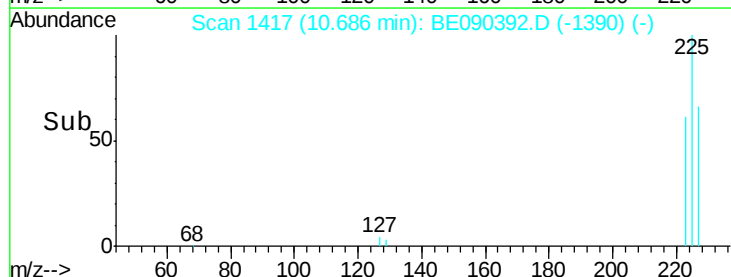
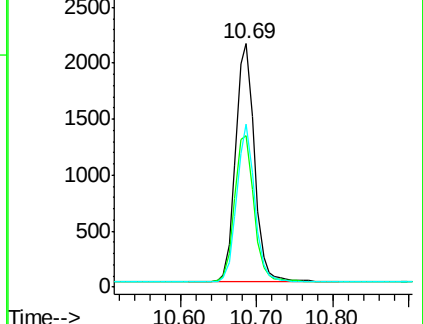
227 63.2 50.7 76.1



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

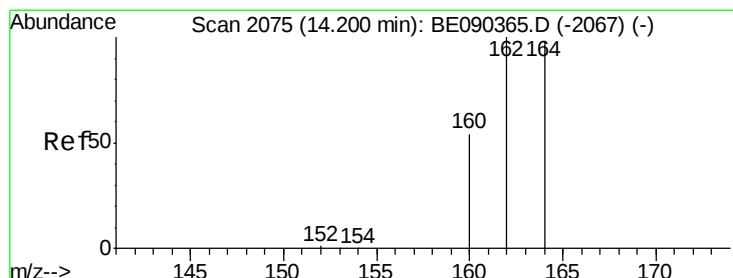
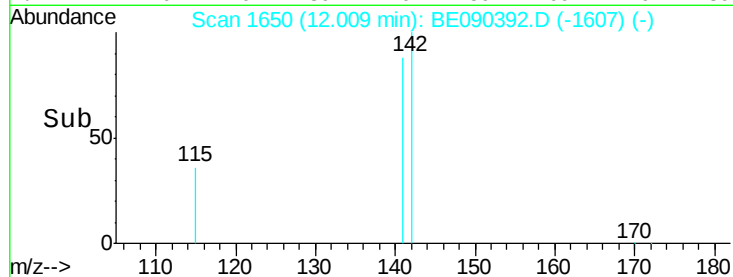
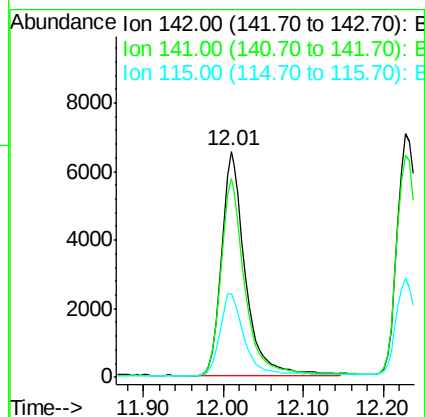
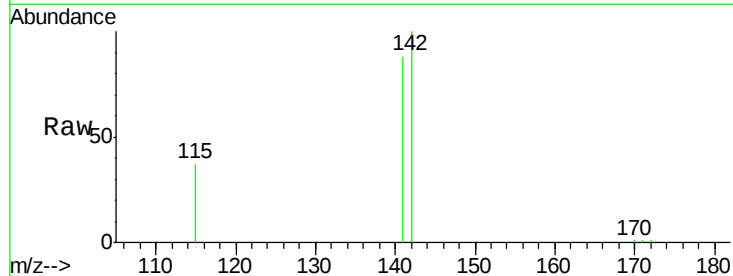




#11
2-Methylnaphthalene
Concen: 1.07 ng
RT: 12.01 min Scan# 1650
Delta R.T. -0.00 min
Lab File: BE090392.D
Acq: 6 Aug 2015 16:36

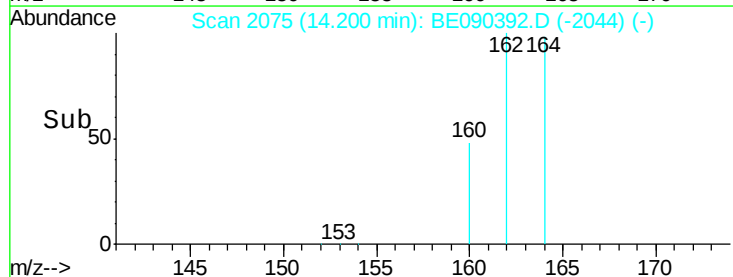
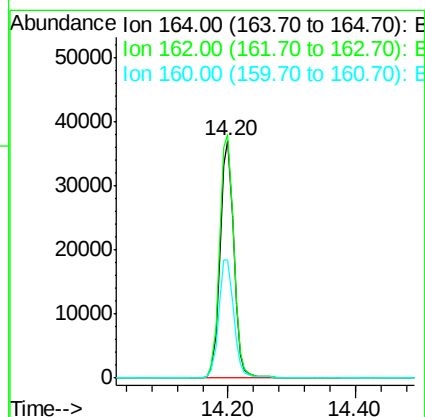
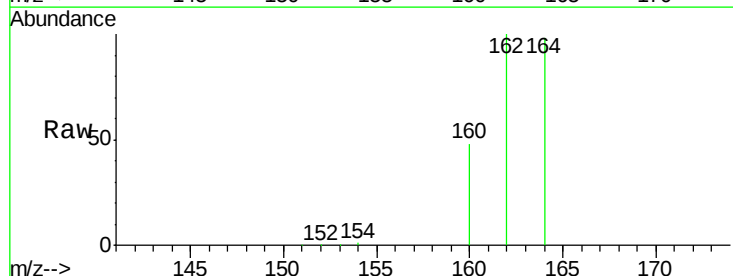
Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:142 Resp: 13372
Ion Ratio Lower Upper
142 100
141 87.9 72.6 109.0
115 37.0 31.6 47.4



#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.20 min Scan# 2075
Delta R.T. 0.00 min
Lab File: BE090392.D
Acq: 6 Aug 2015 16:36

Tgt Ion:164 Resp: 55301
Ion Ratio Lower Upper
164 100
162 102.5 81.8 122.8
160 49.7 44.2 66.4

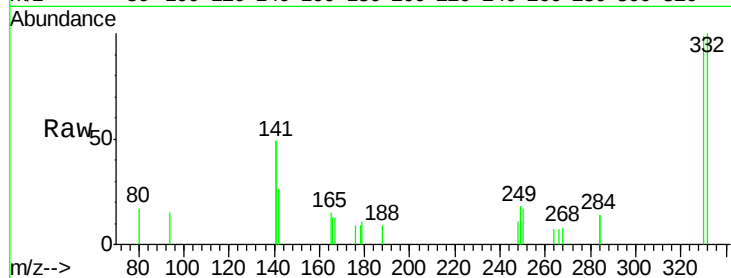




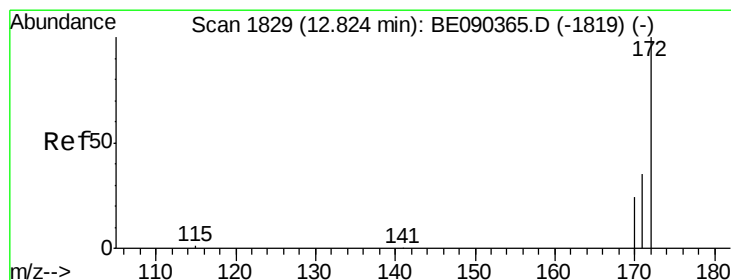
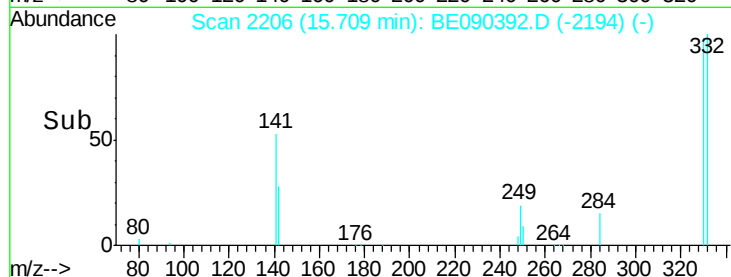
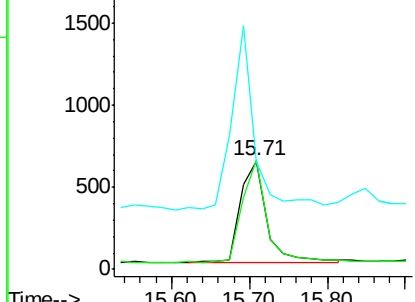
#13
 2,4,6-Tribromophenol
 Concen: 1.46 ng
 RT: 15.71 min Scan# 2206
 Delta R.T. 0.00 min
 Lab File: BE090392.D
 Acq: 6 Aug 2015 16:36

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001EC

Tgt Ion: 330 Resp: 1433
 Ion Ratio Lower Upper
 330 100
 332 95.7 75.8 113.6
 141 160.4 114.4 171.6

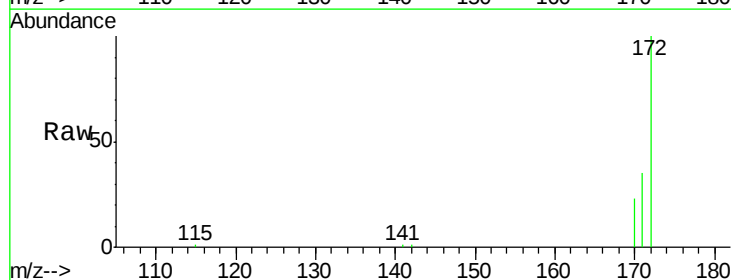


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

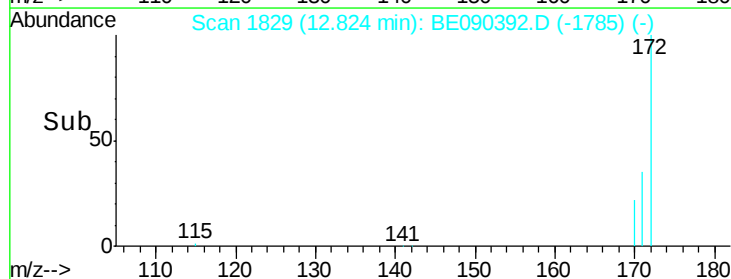
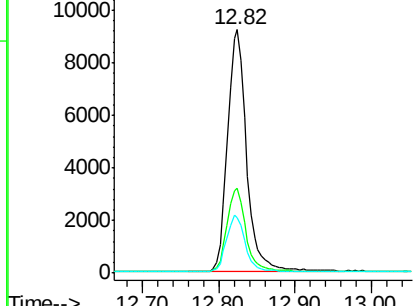


#14
 2-Fluorobiphenyl
 Concen: 1.06 ng
 RT: 12.82 min Scan# 1829
 Delta R.T. 0.00 min
 Lab File: BE090392.D
 Acq: 6 Aug 2015 16:36

Tgt Ion: 172 Resp: 16165
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.5 42.7
 170 22.7 19.8 29.8



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: 1.06 ng

RT: 13.91 min Scan# 2031

Delta R.T. 0.00 min

Lab File: BE090392.D

Acq: 6 Aug 2015 16:36

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

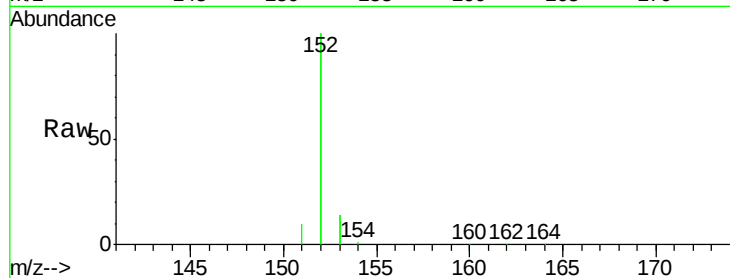
Tgt Ion:152 Resp: 95080

Ion Ratio Lower Upper

152 100

151 4.8 3.8 5.8

153 13.0 10.3 15.5

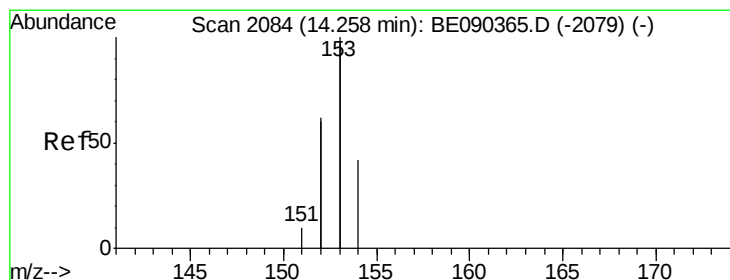
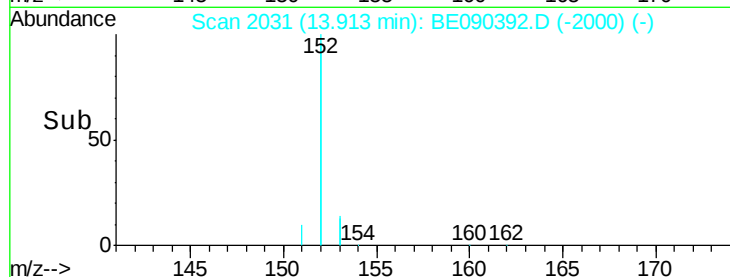
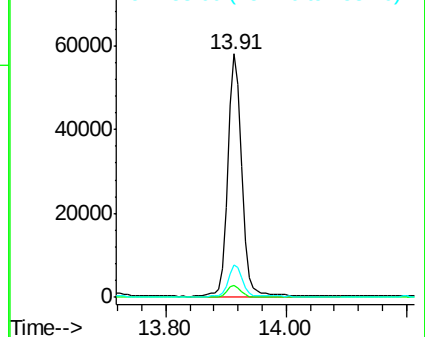


Abundance

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: 1.01 ng

RT: 14.26 min Scan# 2084

Delta R.T. 0.00 min

Lab File: BE090392.D

Acq: 6 Aug 2015 16:36

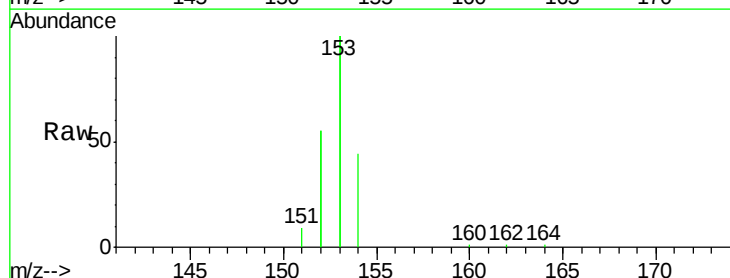
Tgt Ion:154 Resp: 14034

Ion Ratio Lower Upper

154 100

153 464.4 376.2 564.2

152 261.5 235.0 352.4

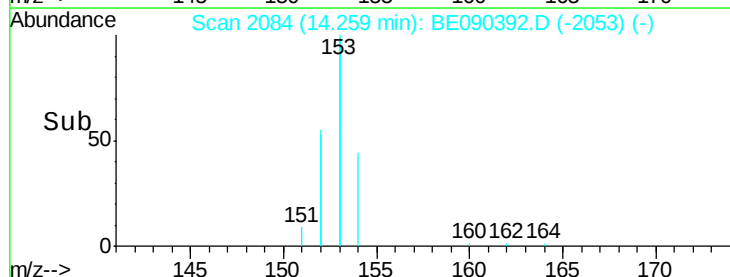
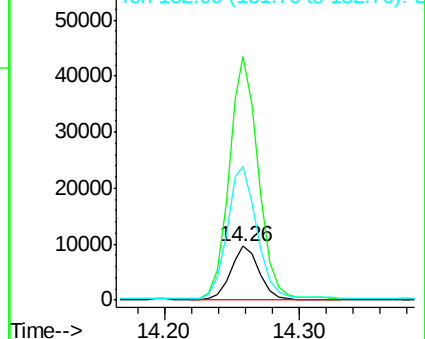


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

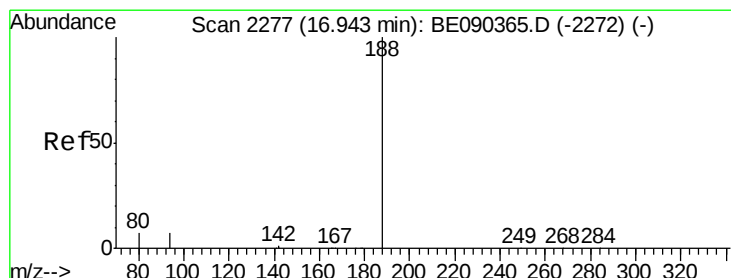
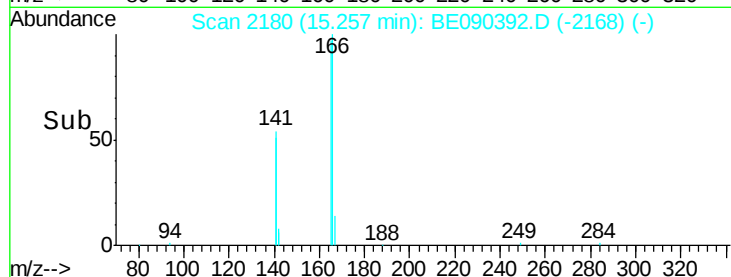
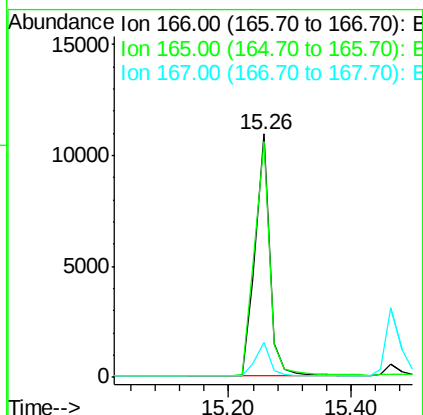
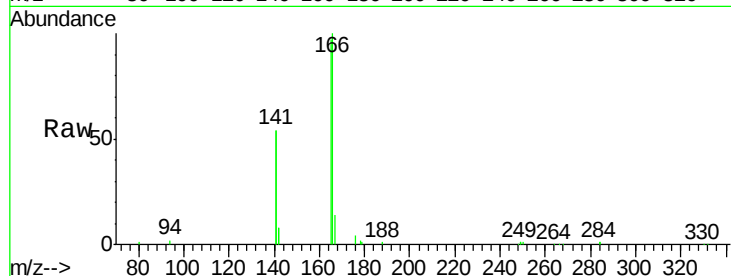




#17
Fluorene
 Concen: 1.00 ng
 RT: 15.26 min Scan# 2180
 Delta R.T. 0.00 min
 Lab File: BE090392.D
 Acq: 6 Aug 2015 16:36

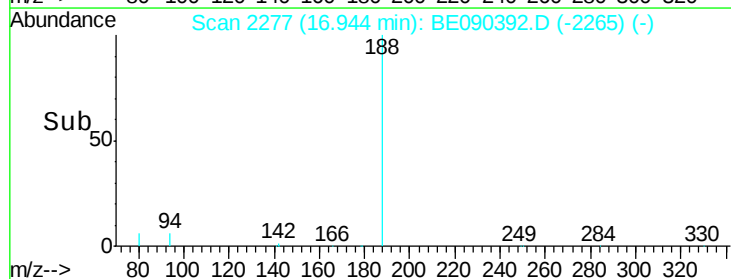
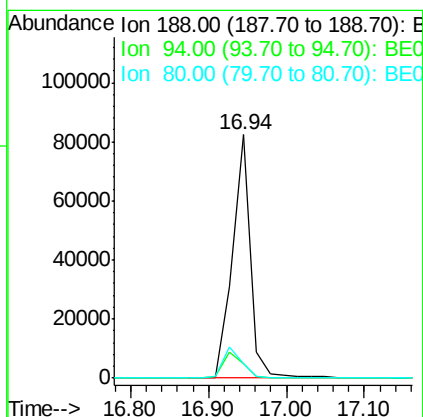
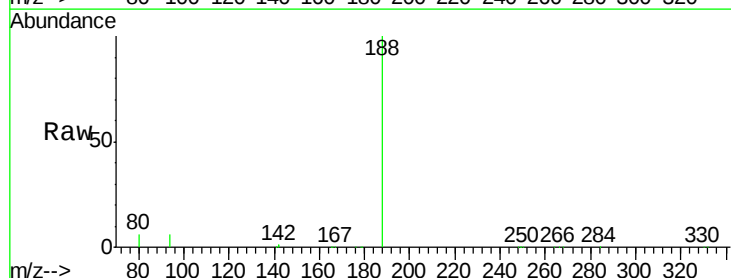
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001EC

Tgt Ion:166 Resp: 18079
 Ion Ratio Lower Upper
 166 100
 165 101.9 81.5 122.3
 167 14.5 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: BE090392.D
 Acq: 6 Aug 2015 16:36

Tgt Ion:188 Resp: 131596
 Ion Ratio Lower Upper
 188 100
 94 5.8 5.7 8.5
 80 6.0 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: BE090392.D

Acq: 6 Aug 2015 16:36

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

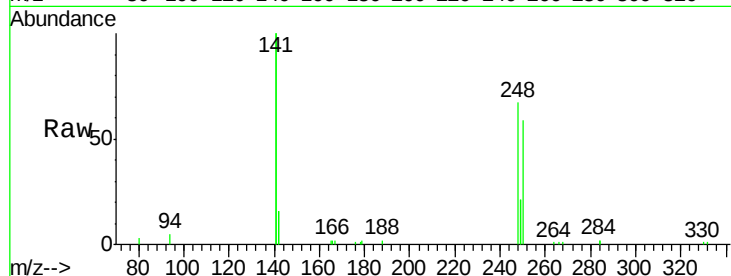
Tgt Ion:248 Resp: 5390

Ion Ratio Lower Upper

248 100

250 98.0 79.0 118.6

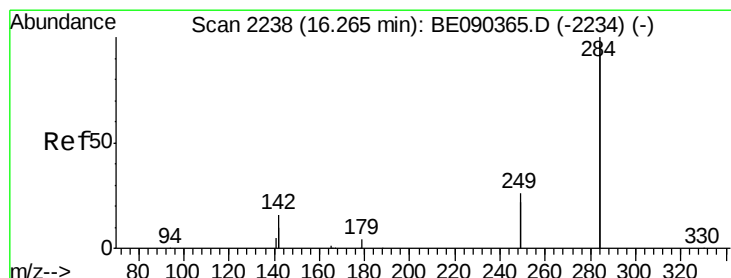
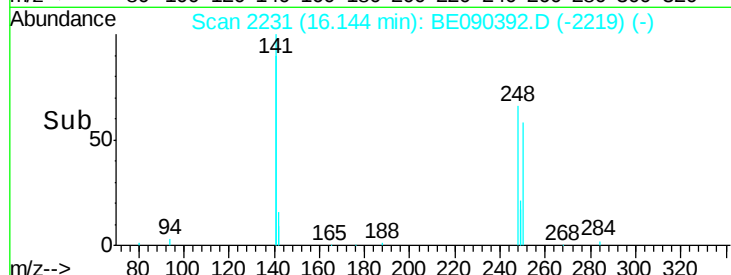
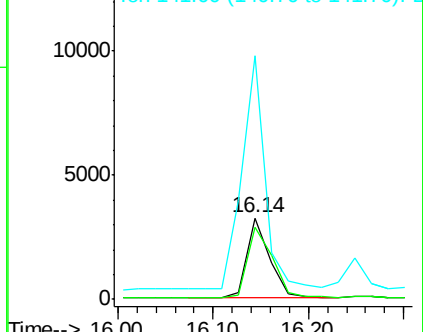
141 295.5 239.5 359.3



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: 0.98 ng

RT: 16.27 min Scan# 2238

Delta R.T. 0.00 min

Lab File: BE090392.D

Acq: 6 Aug 2015 16:36

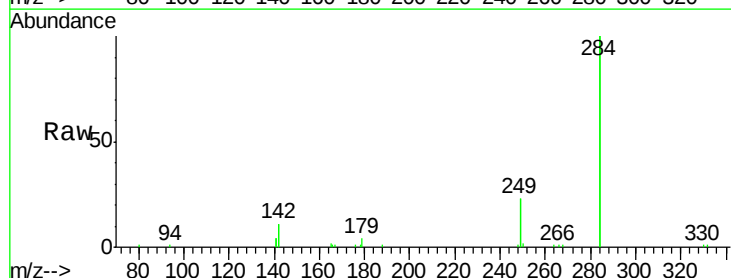
Tgt Ion:284 Resp: 25845

Ion Ratio Lower Upper

284 100

142 37.3 30.1 45.1

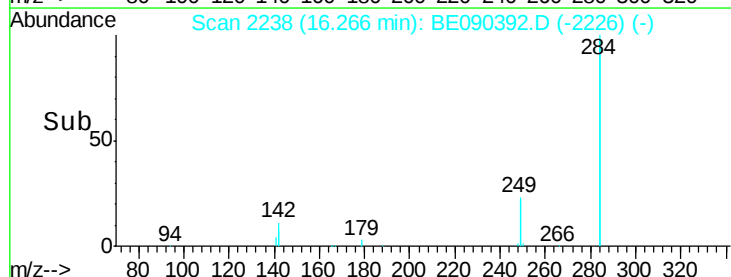
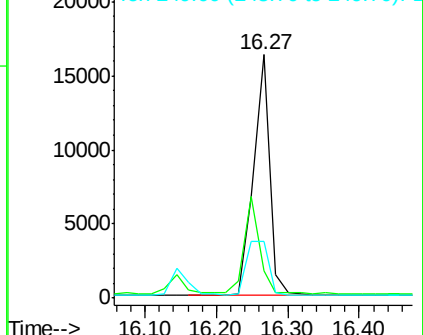
249 30.7 25.7 38.5

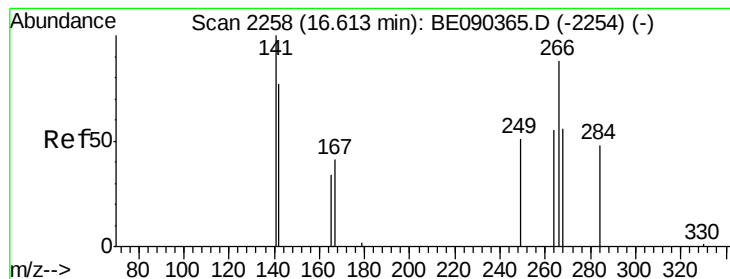


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#21

Pentachlorophenol

Concen: 1.56 ng

RT: 16.61 min Scan# 2258

Delta R.T. 0.00 min

Lab File: BE090392.D

Acq: 6 Aug 2015 16:36

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

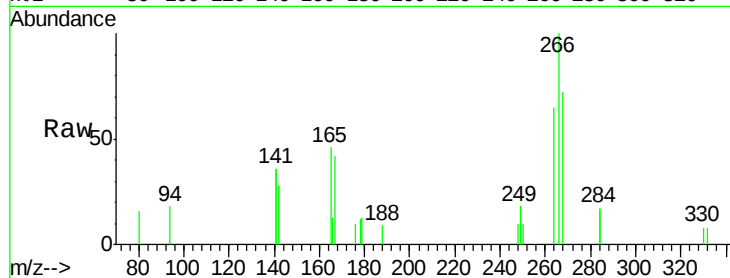
Tgt Ion:266 Resp: 1515

Ion Ratio Lower Upper

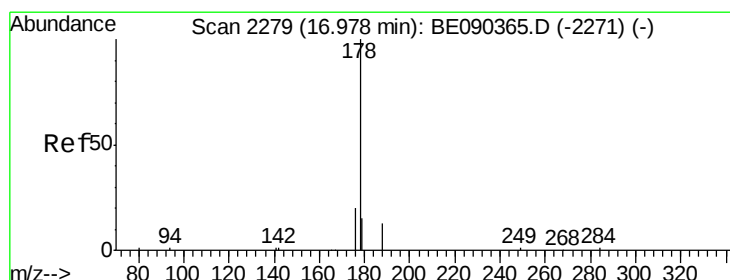
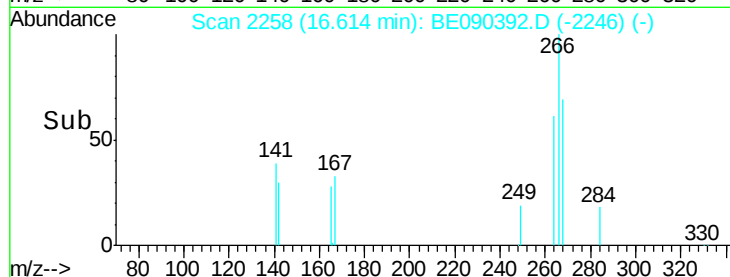
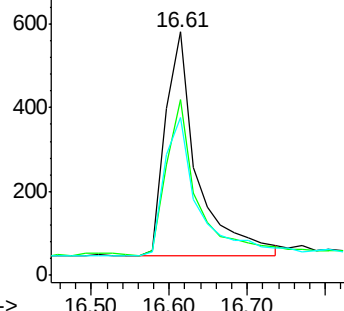
266 100

268 72.1 58.5 87.7

264 65.1 56.0 84.0



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



#22

Phenanthrene

Concen: 0.98 ng

RT: 16.98 min Scan# 2279

Delta R.T. 0.00 min

Lab File: BE090392.D

Acq: 6 Aug 2015 16:36

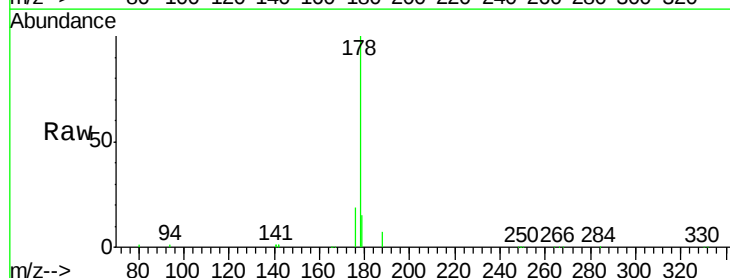
Tgt Ion:178 Resp: 32182

Ion Ratio Lower Upper

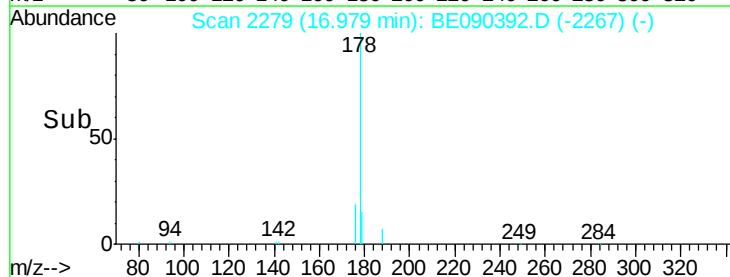
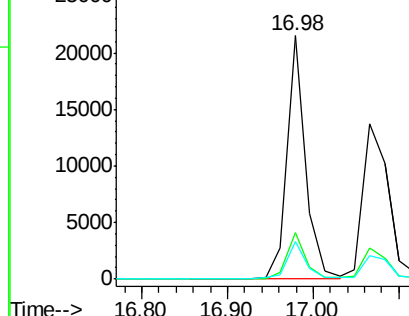
178 100

176 19.0 15.4 23.2

179 15.5 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: 1.03 ng

RT: 17.07 min Scan# 2284

Delta R.T. -0.02 min

Lab File: BE090392.D

Acq: 6 Aug 2015 16:36

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

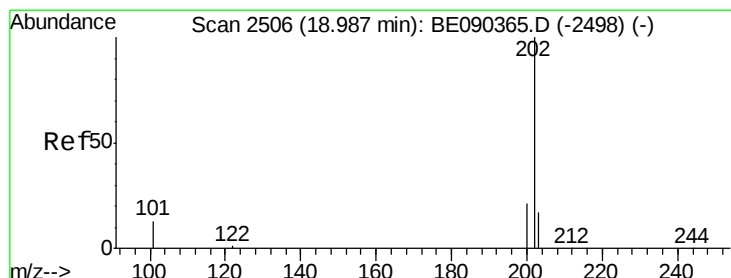
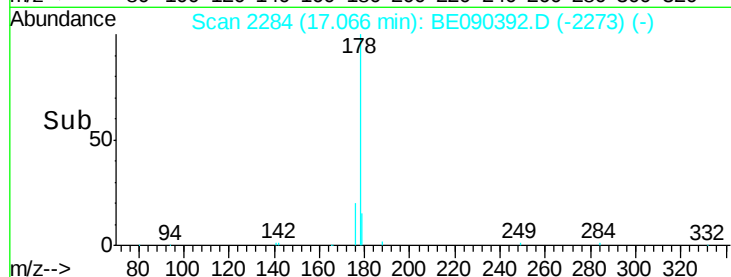
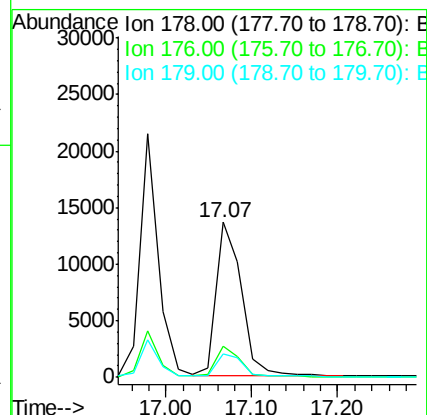
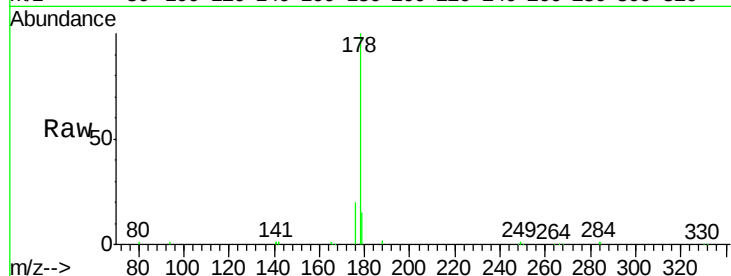
Tgt Ion:178 Resp: 27985

Ion Ratio Lower Upper

178 100

176 18.7 14.9 22.3

179 15.1 12.2 18.4



#24

Fluoranthene

Concen: 1.07 ng

RT: 18.99 min Scan# 2506

Delta R.T. -0.00 min

Lab File: BE090392.D

Acq: 6 Aug 2015 16:36

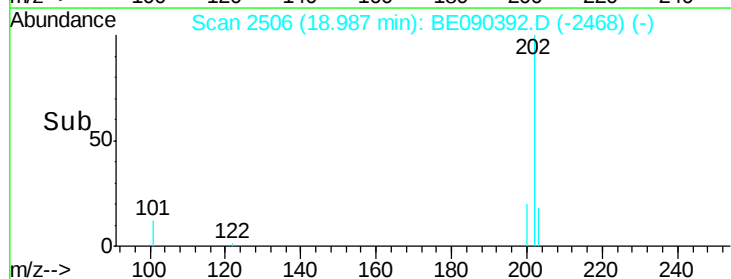
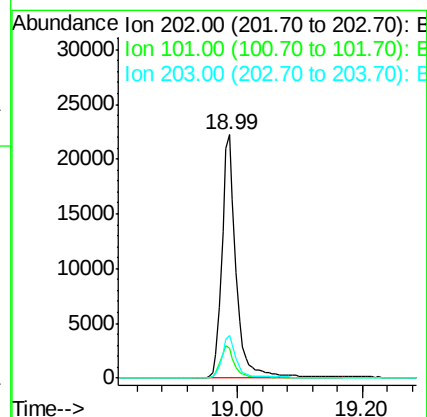
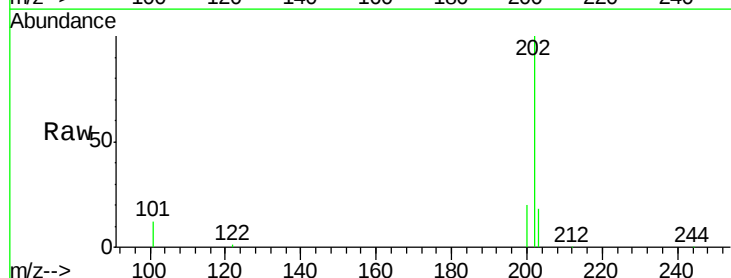
Tgt Ion:202 Resp: 34697

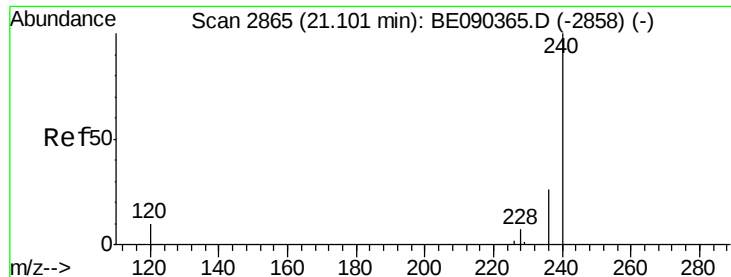
Ion Ratio Lower Upper

202 100

101 12.8 10.3 15.5

203 17.2 13.7 20.5





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.10 min Scan# 2865

Delta R.T. 0.00 min

Lab File: BE090392.D

Acq: 6 Aug 2015 16:36

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

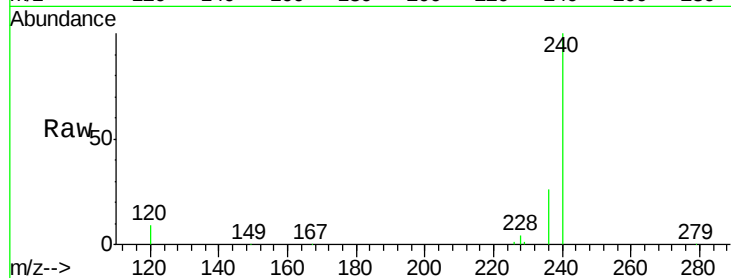
Tgt Ion:240 Resp: 155783

Ion Ratio Lower Upper

240 100

120 9.2 8.3 12.5

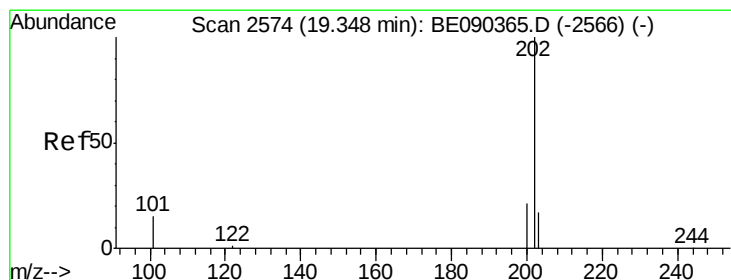
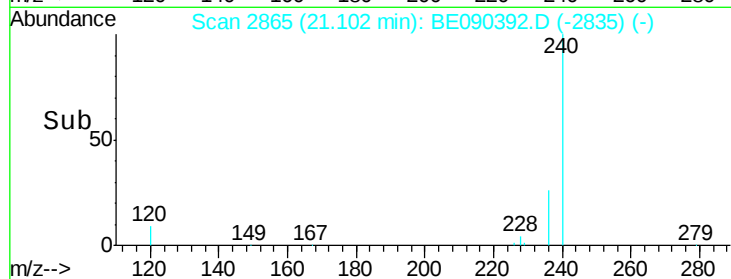
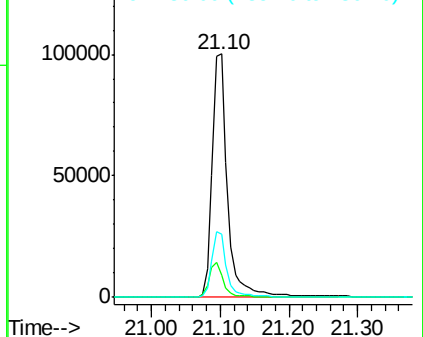
236 26.0 21.0 31.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#26

Pyrene

Concen: 1.06 ng

RT: 19.35 min Scan# 2574

Delta R.T. -0.00 min

Lab File: BE090392.D

Acq: 6 Aug 2015 16:36

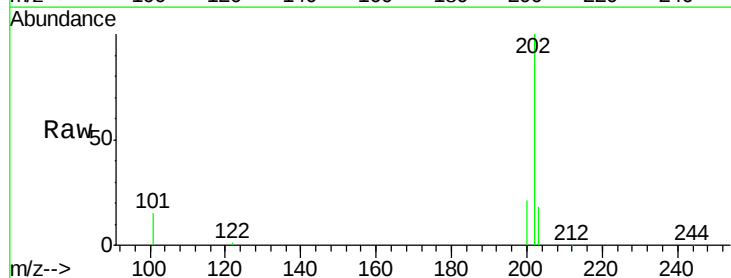
Tgt Ion:202 Resp: 35916

Ion Ratio Lower Upper

202 100

200 21.0 16.7 25.1

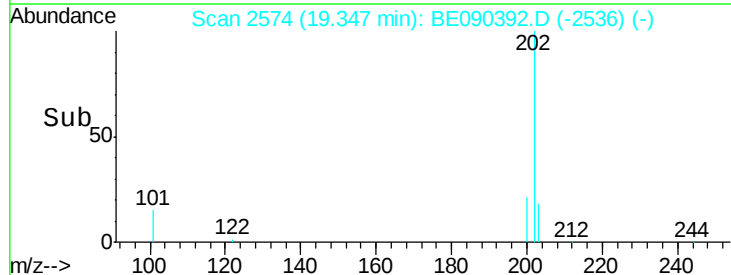
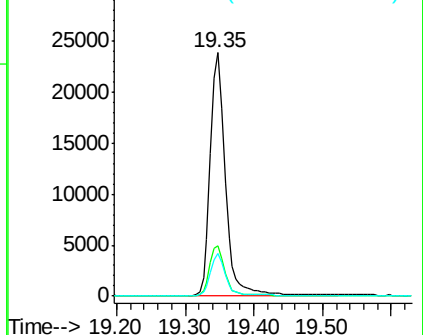
203 17.2 13.8 20.8



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

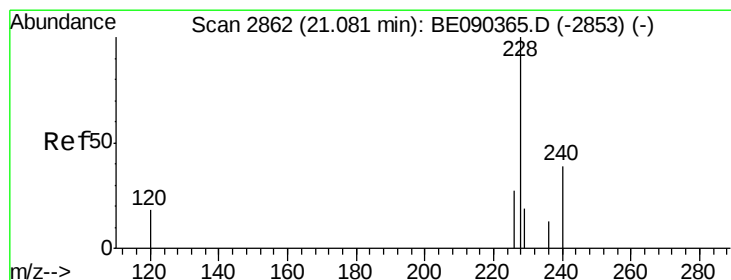
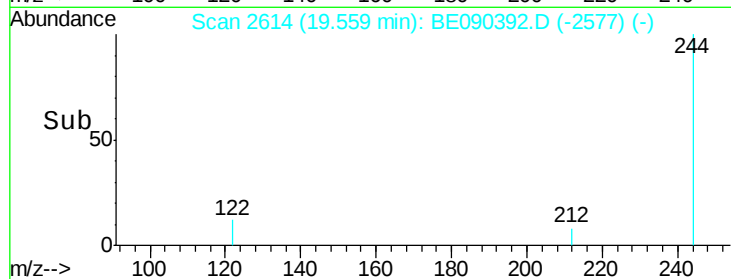
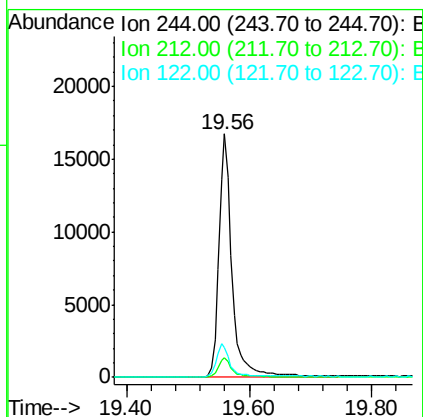
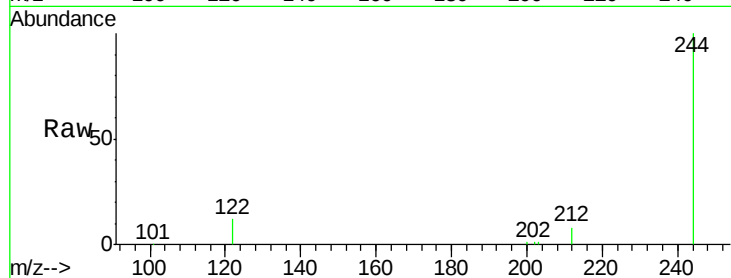




#27
 Terphenyl-d14
 Concen: 1.08 ng
 RT: 19.56 min Scan# 2614
 Delta R.T. -0.01 min
 Lab File: BE090392.D
 Acq: 6 Aug 2015 16:36

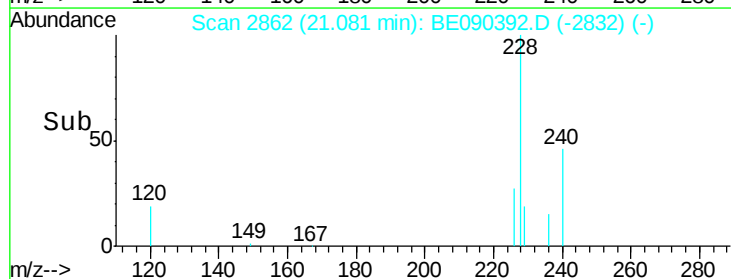
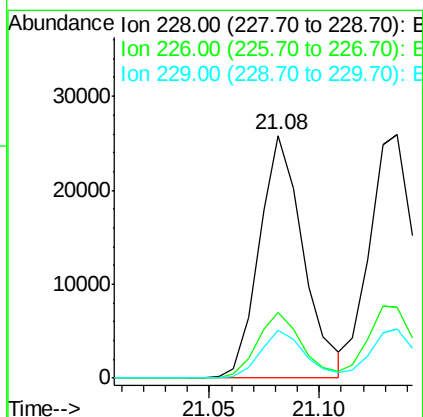
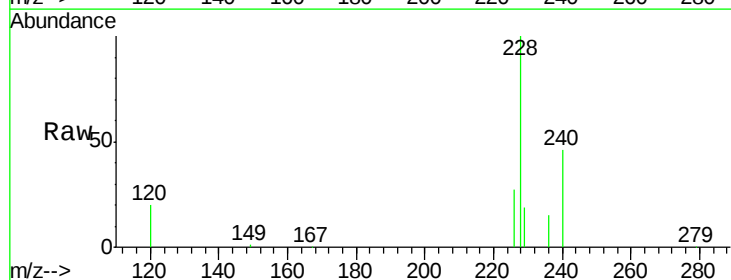
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001EC

Tgt Ion:244 Resp: 24697
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.6 9.8
 122 12.5 10.2 15.4



#28
 Benzo(a)anthracene
 Concen: 1.04 ng
 RT: 21.08 min Scan# 2862
 Delta R.T. 0.00 min
 Lab File: BE090392.D
 Acq: 6 Aug 2015 16:36

Tgt Ion:228 Resp: 35858
 Ion Ratio Lower Upper
 228 100
 226 27.0 21.9 32.9
 229 19.5 15.4 23.0





#29

Chrysene

Concen: 1.00 ng

RT: 21.14 min Scan# 2870

Delta R.T. 0.00 min

Lab File: BE090392.D

Acq: 6 Aug 2015 16:36

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

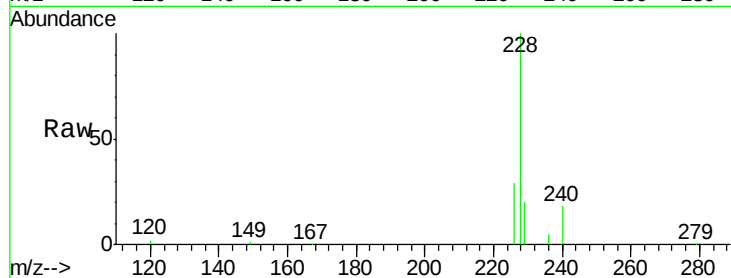
Tgt Ion:228 Resp: 41808

Ion Ratio Lower Upper

228 100

226 29.1 23.1 34.7

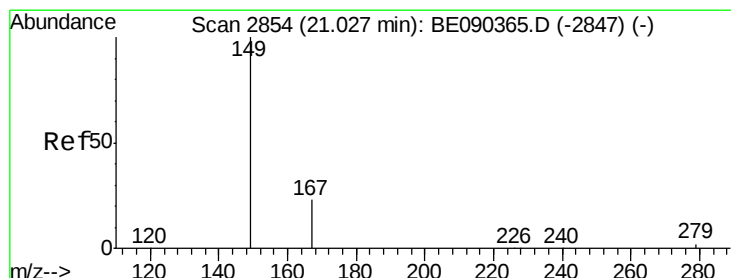
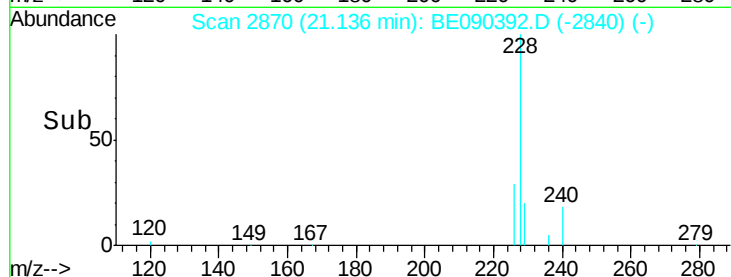
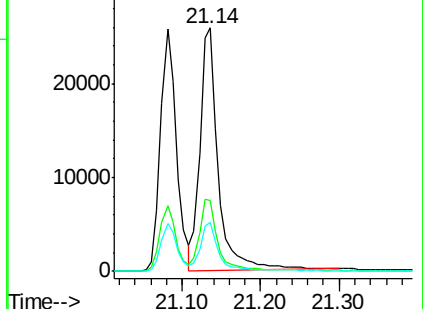
229 20.2 15.8 23.8



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: 1.21 ng

RT: 21.03 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BE090392.D

Acq: 6 Aug 2015 16:36

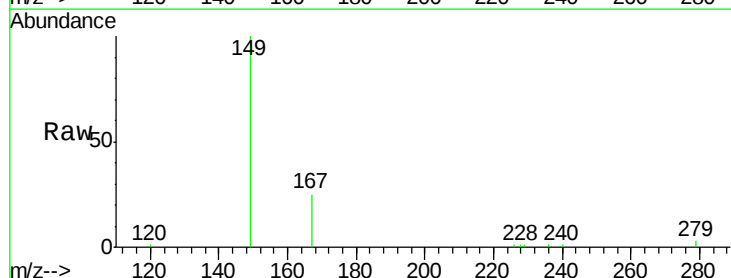
Tgt Ion:149 Resp: 9984

Ion Ratio Lower Upper

149 100

167 25.3 19.8 29.8

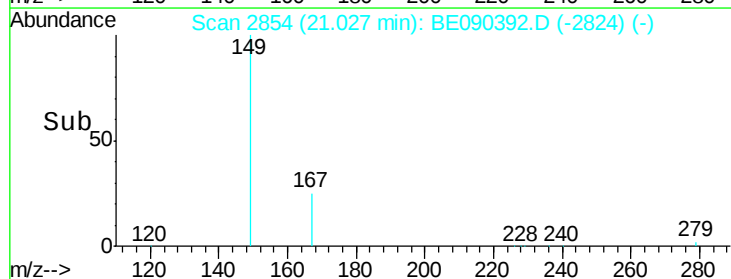
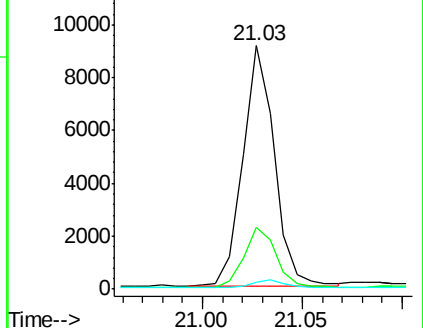
279 3.4 2.4 3.6



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: 1.05 ng

RT: 25.79 min Scan# 3828

Delta R.T. -0.00 min

Lab File: BE090392.D

Acq: 6 Aug 2015 16:36

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

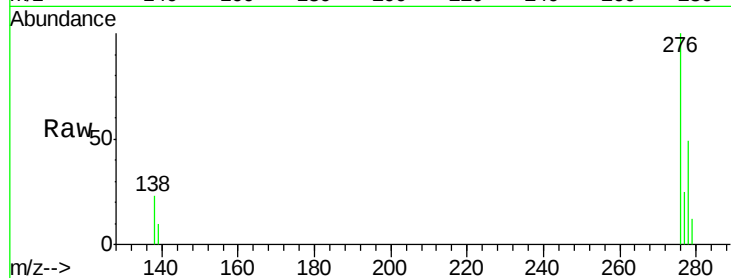
Tgt Ion:276 Resp: 31448

Ion Ratio Lower Upper

276 100

138 24.5 18.8 28.2

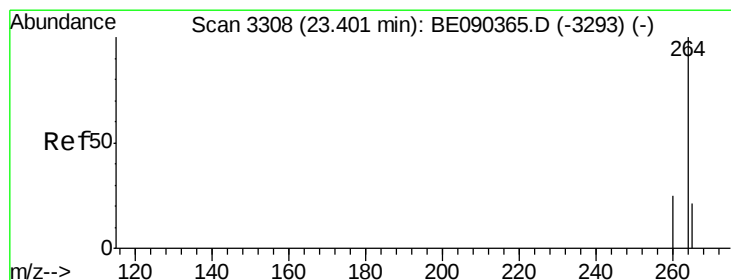
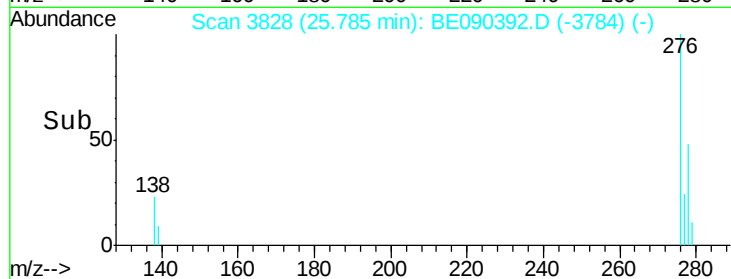
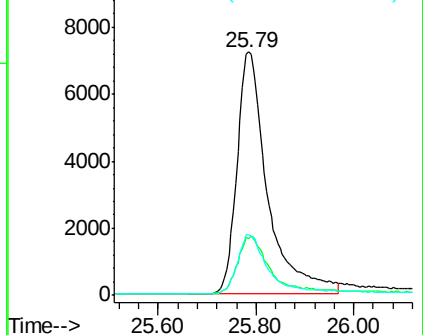
277 24.2 18.2 27.4



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: 23.40 min Scan# 3308

Delta R.T. 0.00 min

Lab File: BE090392.D

Acq: 6 Aug 2015 16:36

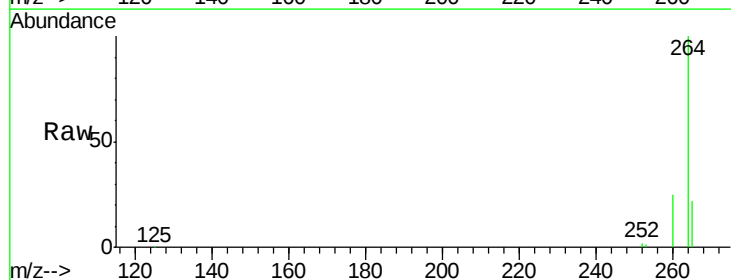
Tgt Ion:264 Resp: 143444

Ion Ratio Lower Upper

264 100

260 24.7 20.1 30.1

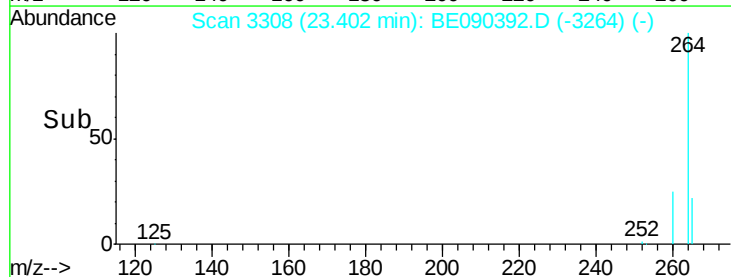
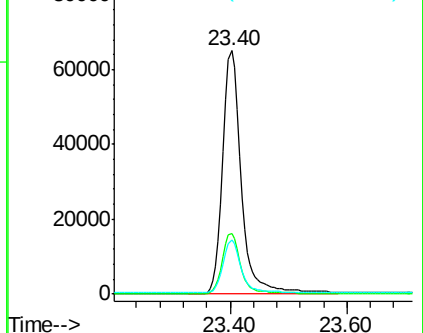
265 22.1 17.2 25.8

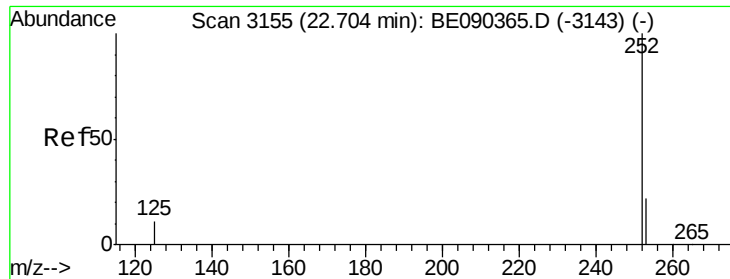


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#33

Benzo(b)fluoranthene

Concen: 1.11 ng

RT: 22.70 min Scan# 3154

Delta R.T. -0.00 min

Lab File: BE090392.D

Acq: 6 Aug 2015 16:36

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

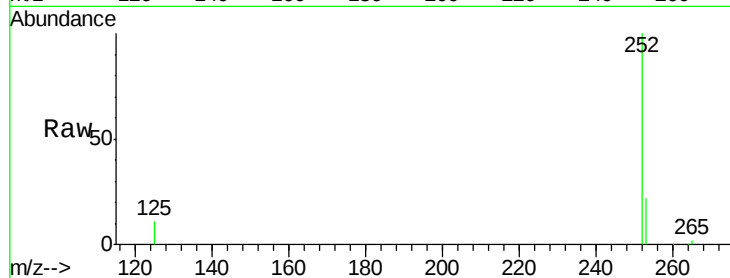
Tgt Ion:252 Resp: 30772

Ion Ratio Lower Upper

252 100

253 22.4 18.1 27.1

125 10.9 9.4 14.2

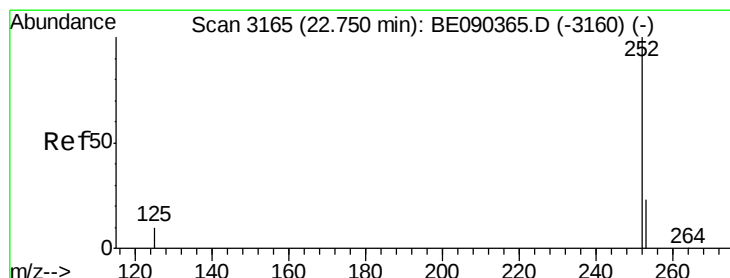
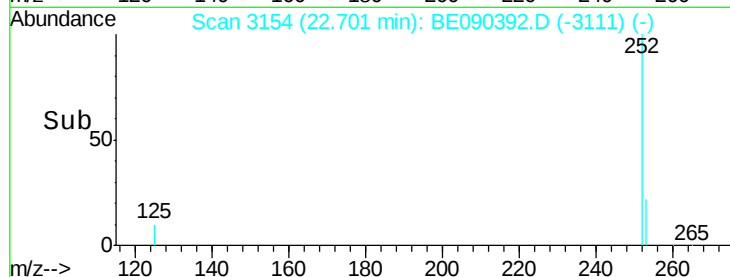
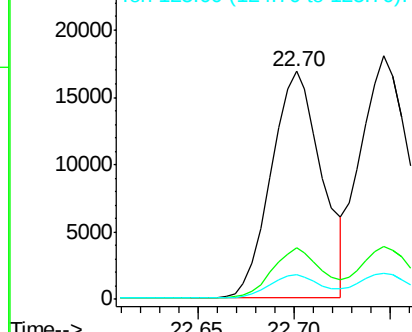


Abundance

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: 0.94 ng

RT: 22.75 min Scan# 3164

Delta R.T. -0.00 min

Lab File: BE090392.D

Acq: 6 Aug 2015 16:36

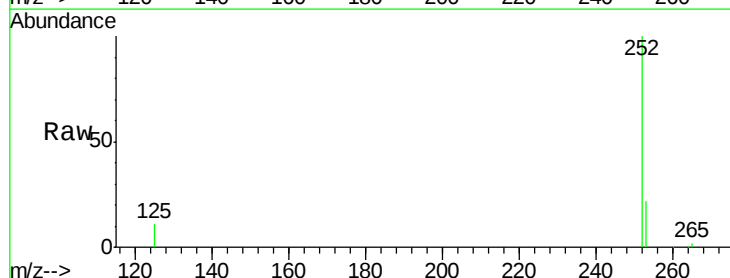
Tgt Ion:252 Resp: 37599

Ion Ratio Lower Upper

252 100

253 21.8 18.1 27.1

125 10.8 9.1 13.7

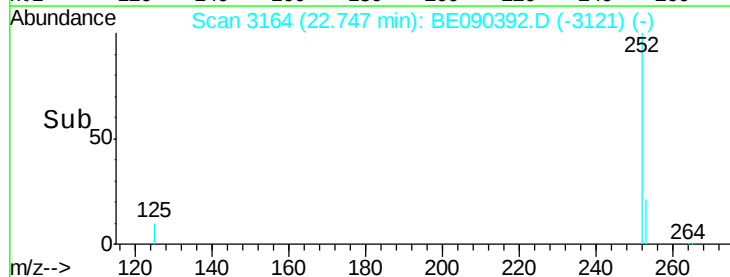
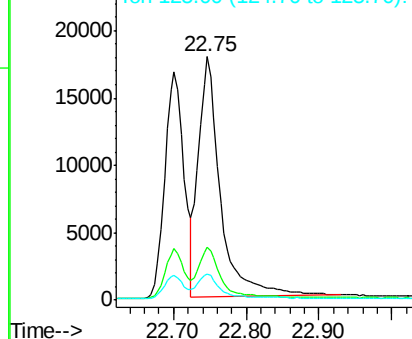


Abundance

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: 1.07 ng

RT: 23.30 min Scan# 3285

Delta R.T. 0.00 min

Lab File: BE090392.D

Acq: 6 Aug 2015 16:36

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

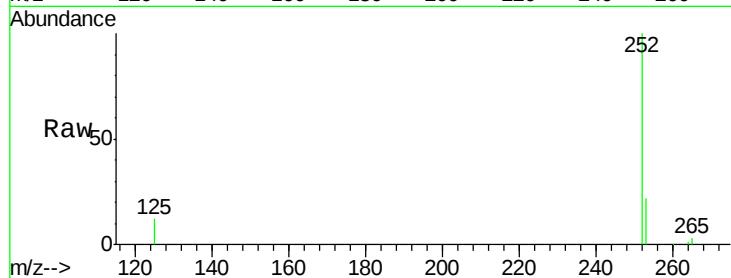
Tgt Ion:252 Resp: 26974

Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

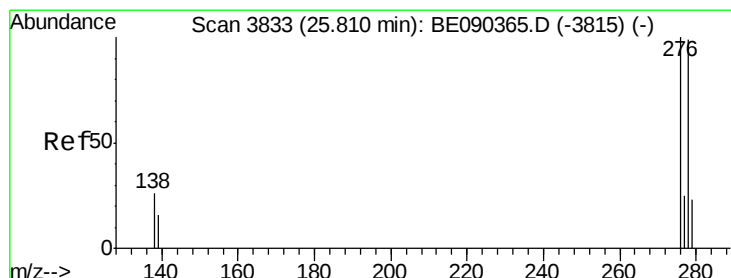
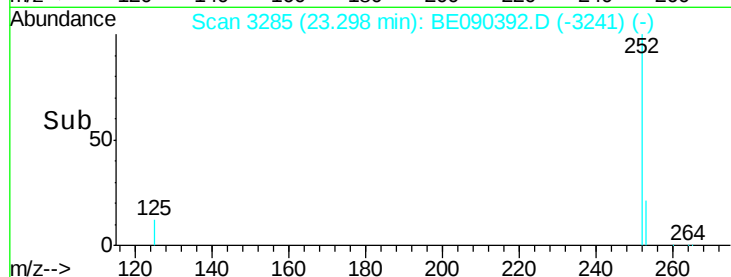
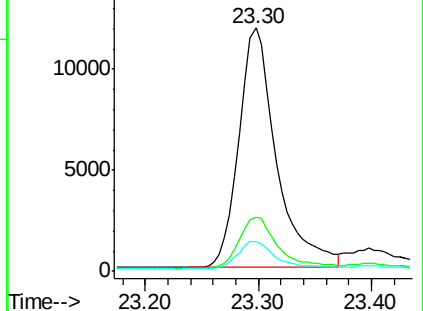
125 12.4 9.8 14.6



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: 1.04 ng

RT: 25.80 min Scan# 3832

Delta R.T. -0.01 min

Lab File: BE090392.D

Acq: 6 Aug 2015 16:36

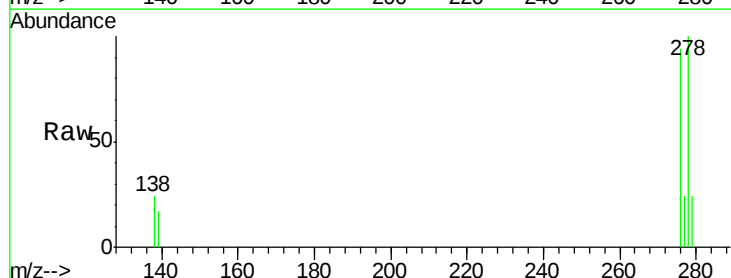
Tgt Ion:278 Resp: 24077

Ion Ratio Lower Upper

278 100

139 16.5 14.2 21.4

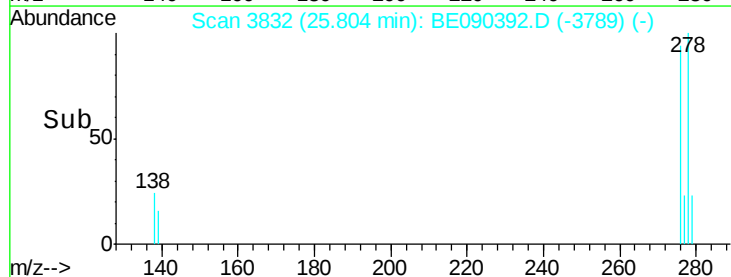
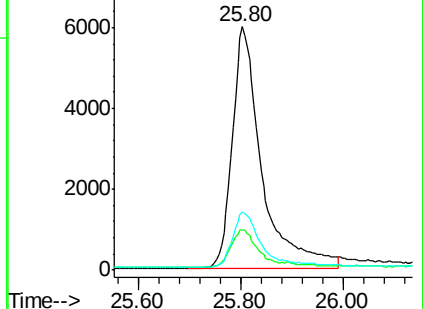
279 23.7 20.1 30.1



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#37

Benzo(g,h,i)perylene

Concen: 1.10 ng

RT: 26.51 min Scan# 3988

Delta R.T. -0.00 min

Lab File: BE090392.D

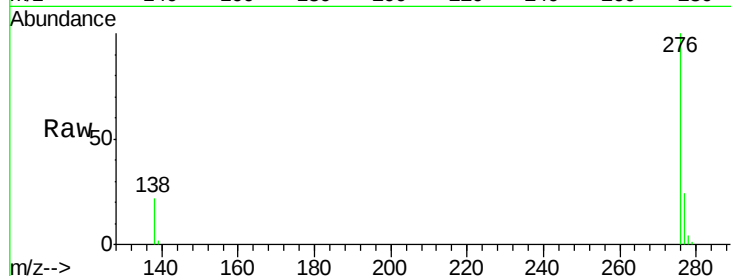
Acq: 6 Aug 2015 16:36

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC



Tgt Ion: 276 Resp: 29068

Ion Ratio Lower Upper

276 100

277 23.7 20.1 30.1

138 21.8 18.1 27.1

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

