

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100815\
 Data File : BE090996.D
 Acq On : 8 Oct 2015 10:36
 Operator : UM/IZ
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

Quant Time: Oct 09 01:36:07 2015
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 07 17:11:43 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	59250	5.00	ng	0.00
7) Naphthalene-d8	9.63	136	270411	5.00	ng	0.00
13) Acenaphthene-d10	13.45	164	150359	5.00	ng	0.00
19) Phenanthrene-d10	16.17	188	360306	5.00	ng	-0.01
26) Chrysene-d12	20.33	240	459854	5.00	ng	0.00
35) Perylene-d12	22.24	264	494945	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	4.98	112	13035	1.15	ng	-0.02
5) Phenol-d6	6.60	99	16102	1.06	ng	-0.02
8) Nitrobenzene-d5	8.22	82	20053	1.26	ng	-0.01
14) 2,4,6-Tribromophenol	14.99	330	4485	1.01	ng	0.00
15) 2-Fluorobiphenyl	12.09	172	40216	0.99	ng	0.00
29) Terphenyl-d14	18.73	244	57273	1.03	ng	0.00

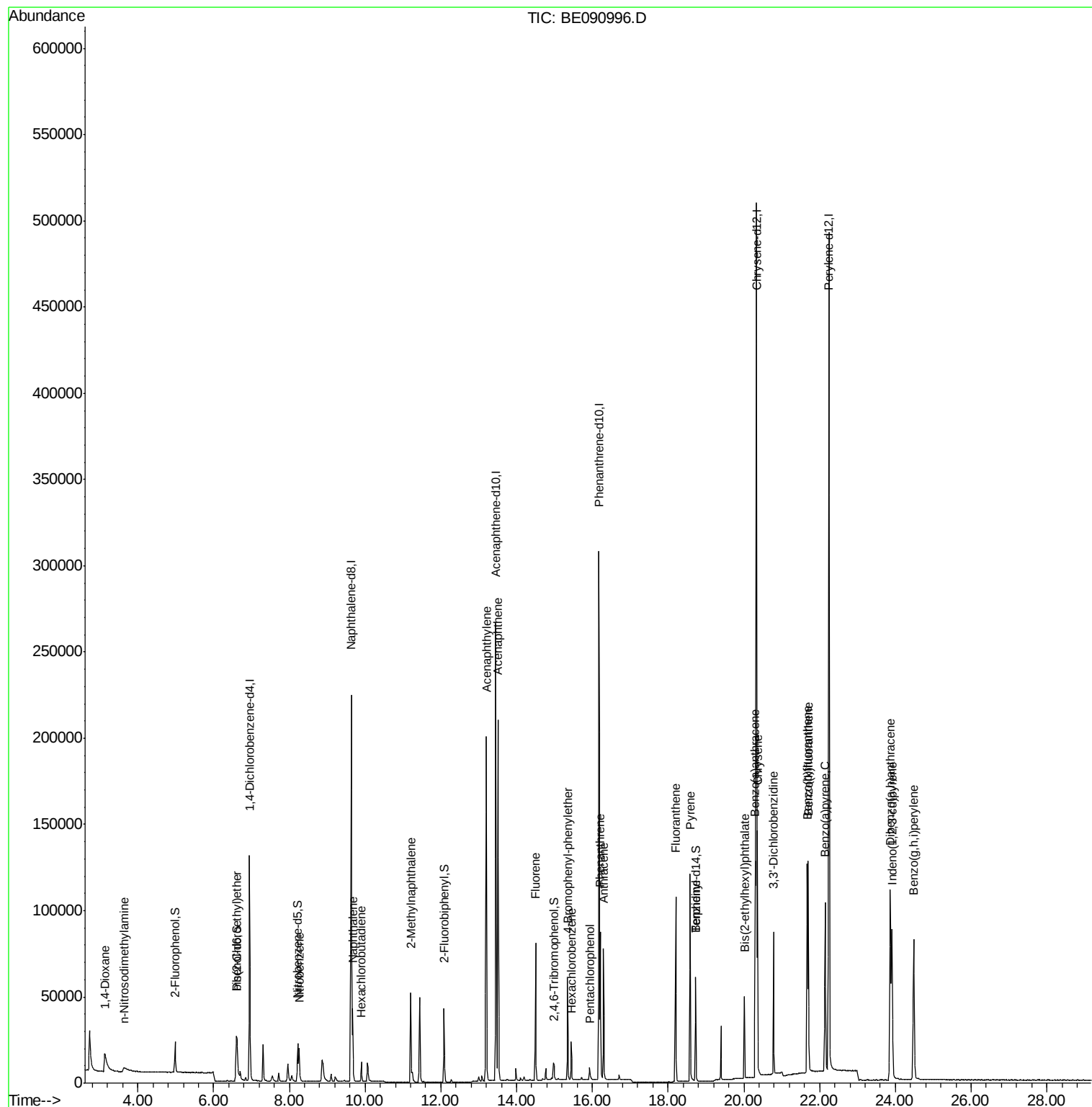
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.13	88	20865	2.62	ng	87
3) n-Nitrosodimethylamine	3.64	42	6739	0.69	ng	# 64
6) bis(2-Chloroethyl)ether	6.62	93	30802	1.93	ng	# 28
9) Nitrobenzene	8.26	77	22432	1.32	ng	98
10) Naphthalene	9.68	128	55269	1.00	ng	99
11) Hexachlorobutadiene	9.90	225	7930	0.83	ng	98
12) 2-Methylnaphthalene	11.20	142	36992	1.08	ng	99
16) Acenaphthylene	13.20	152	246967	0.98	ng	100
17) Acenaphthene	13.51	154	37915	0.94	ng	92
18) Fluorene	14.50	166	48667	0.98	ng	98
20) 4-Bromophenyl-phenylether	15.35	248	13406	0.98	ng	90
21) Hexachlorobenzene	15.45	284	14713	0.13	ng	99
22) Pentachlorophenol	15.93	266	4713	1.18	ng	87
23) Phenanthrene	16.21	178	85091	0.98	ng	100
24) Anthracene	16.29	178	79536	1.02	ng	99
25) Fluoranthene	18.20	202	98475	1.02	ng	99
27) Benzidine	18.73	184	1359	0.07	ng	99
28) Pyrene	18.59	202	102457	0.96	ng	100
30) Benzo(a)anthracene	20.30	228	108911	1.07	ng	97
31) 3,3'-Dichlorobenzidine	20.80	252	203	0.04	ng	# 27
32) Chrysene	20.36	228	112251	0.91	ng	99
33) Bis(2-ethylhexyl)phthalate	20.01	149	49486	1.41	ng	97
34) Indeno(1,2,3-cd)pyrene	23.91	276	123652	1.16	ng	# 93
36) Benzo(b)fluoranthene	21.67	252	121980	1.12	ng	98
37) Benzo(k)fluoranthene	21.70	252	113493	0.78	ng	97
38) Benzo(a)pyrene	22.15	252	109627	1.08	ng	97
39) Dibenzo(a,h)anthracene	23.87	278	124046	1.24	ng	99
40) Benzo(g,h,i)perylene	24.49	276	127410	1.17	ng	98

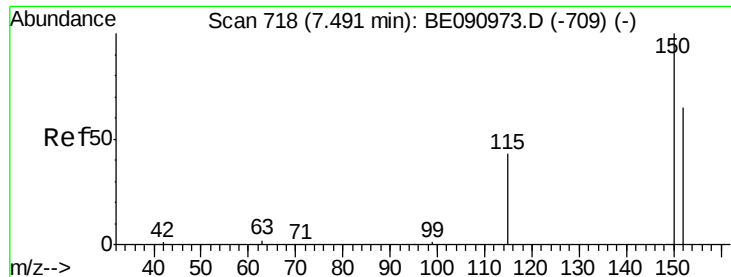
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 6.95 min Scan# 638

Delta R.T. -0.01 min

Lab File: BE090996.D

Acq: 8 Oct 2015 10:36

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

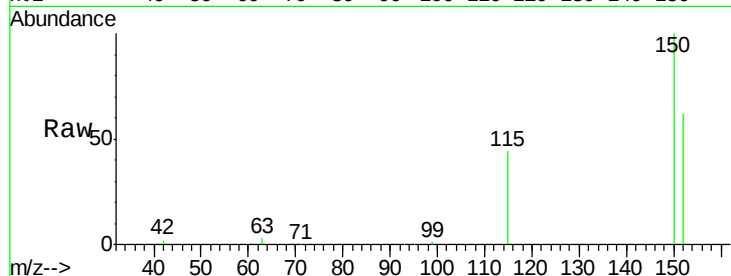
Tot Ion:152 Resp: 59250

Ion Ratio Lower Upper

152 100

150 161.2 122.6 183.8

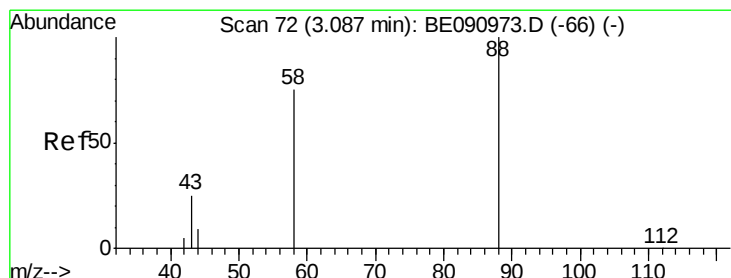
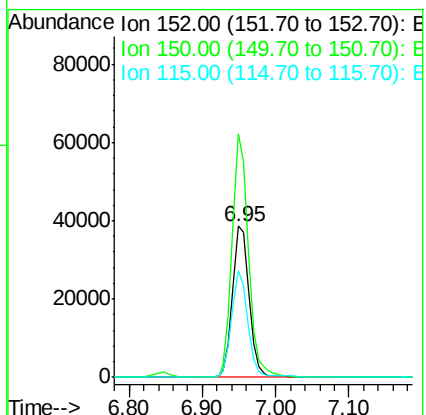
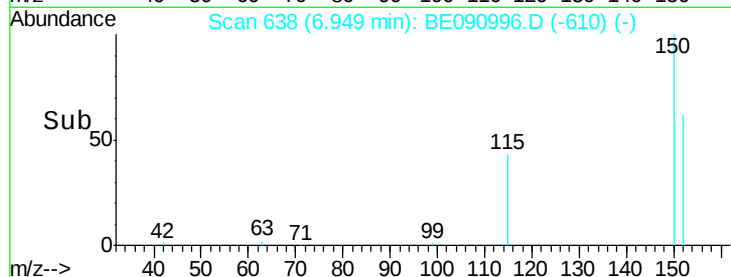
115 70.5 52.8 79.2



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: 2.62 ng

RT: 3.13 min Scan# 78

Delta R.T. -0.07 min

Lab File: BE090996.D

Acq: 8 Oct 2015 10:36

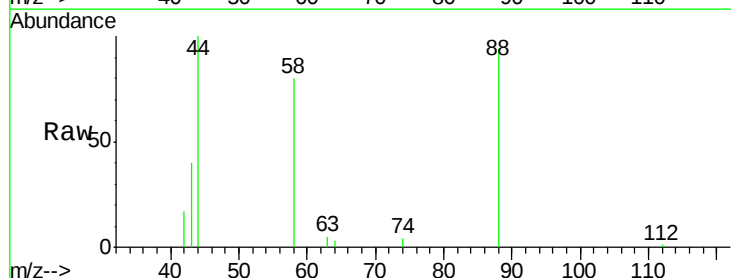
Tgt Ion: 88 Resp: 20865

Ion Ratio Lower Upper

88 100

58 97.0 65.8 98.6

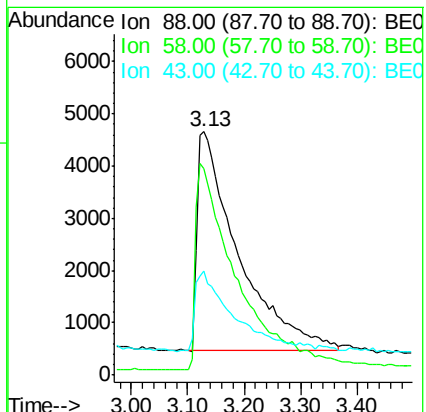
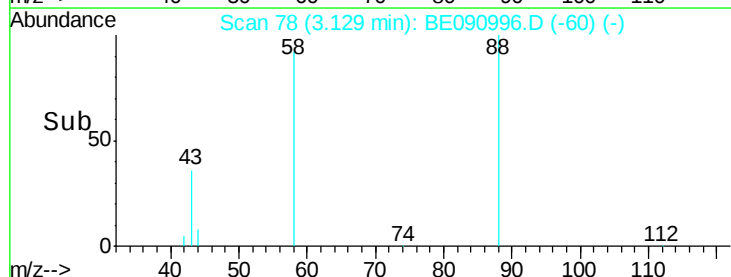
43 34.6 25.3 37.9



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



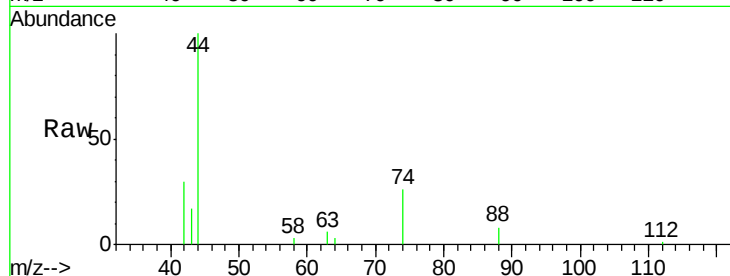


#3

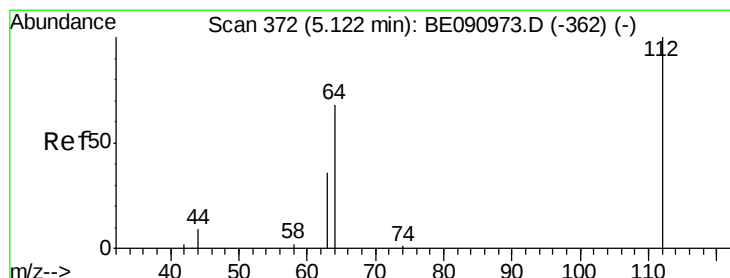
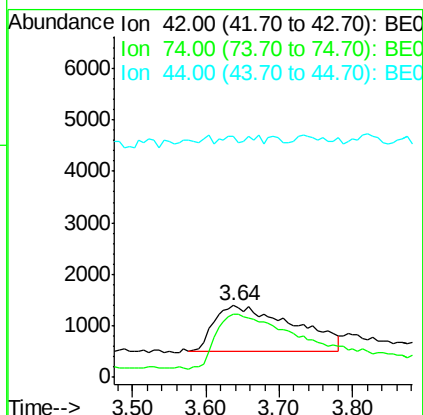
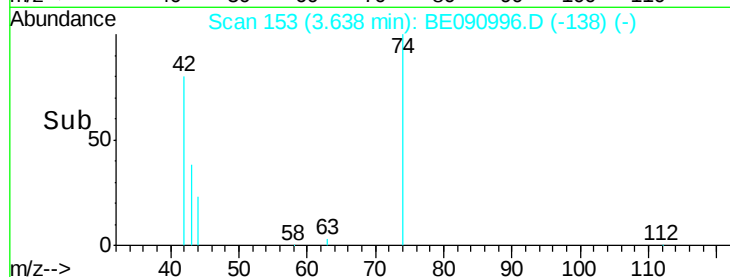
n-Nitrosodimethylamine
 Concen: 0.69 ng
 RT: 3.64 min Scan# 153
 Delta R.T. -0.10 min
 Lab File: BE090996.D
 Acq: 8 Oct 2015 10:36

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

Tot Ion: 42 Resp: 6739
 Ion Ratio Lower Upper
 42 100
 74 149.1 87.9 131.9#
 44 1.7 6.6 9.8#



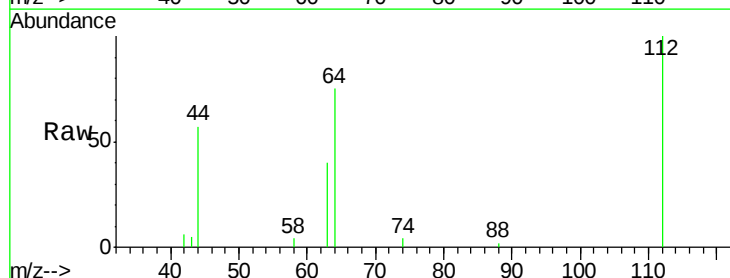
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



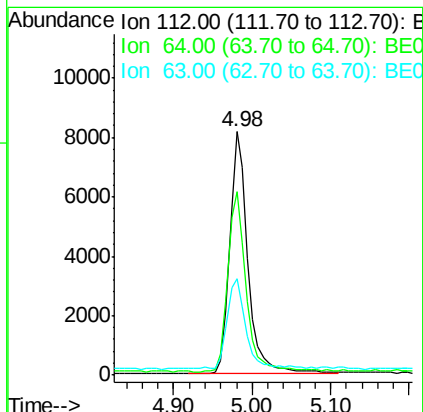
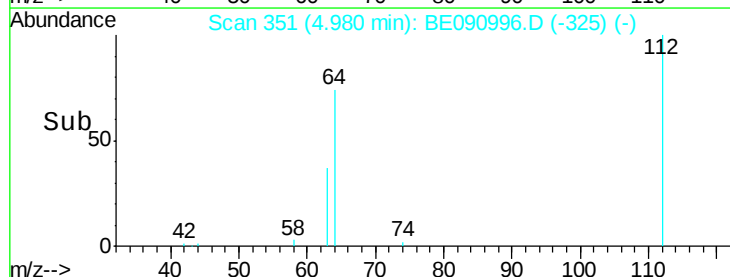
#4

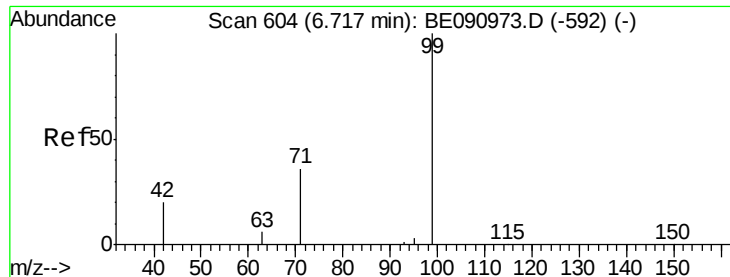
2-Fluorophenol
 Concen: 1.15 ng
 RT: 4.98 min Scan# 351
 Delta R.T. -0.02 min
 Lab File: BE090996.D
 Acq: 8 Oct 2015 10:36

Tgt Ion: 112 Resp: 13035
 Ion Ratio Lower Upper
 112 100
 64 75.8 30.9 46.3#
 63 38.2 16.7 25.1#



Abundance Ion 112.00 (111.70 to 112.70): BE0
 Ion 64.00 (63.70 to 64.70): BE0
 Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 1.06 ng

RT: 6.60 min Scan# 587

Delta R.T. -0.02 min

Lab File: BE090996.D

Acq: 8 Oct 2015 10:36

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

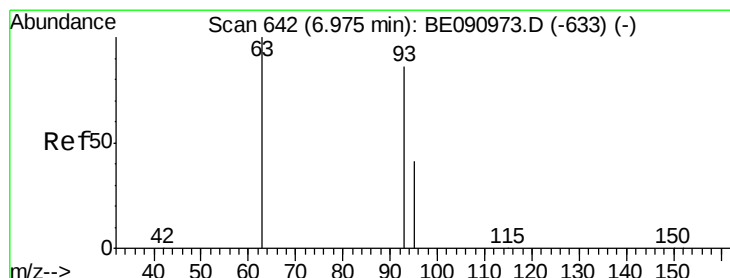
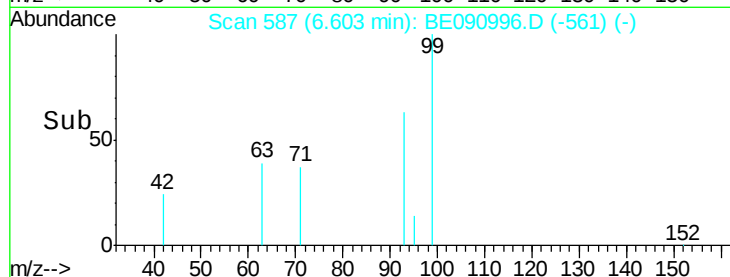
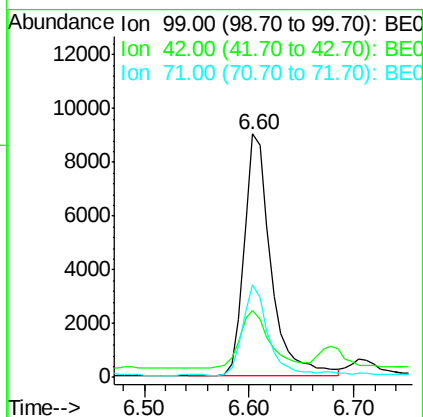
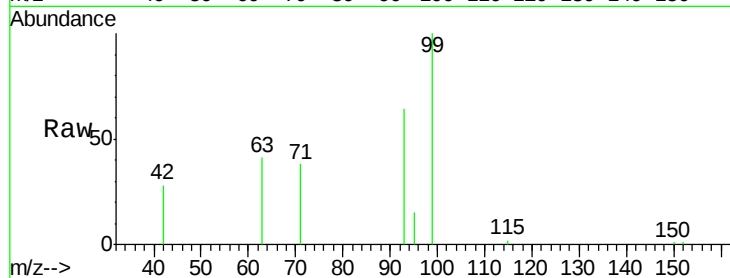
Tot Ion: 99 Resp: 16102

Ion Ratio Lower Upper

99 100

42 26.8 16.2 24.2#

71 36.4 29.0 43.4



#6

bis(2-Chloroethyl)ether

Concen: 1.93 ng

RT: 6.62 min Scan# 589

Delta R.T. -0.04 min

Lab File: BE090996.D

Acq: 8 Oct 2015 10:36

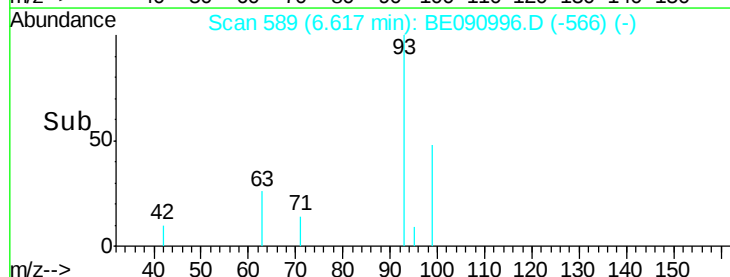
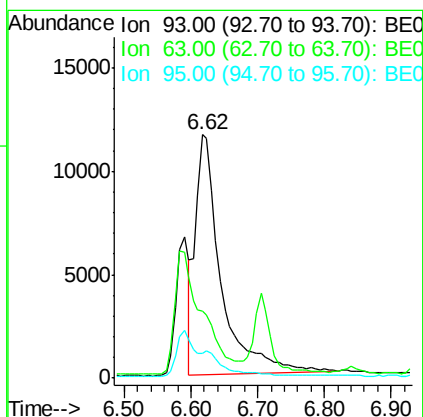
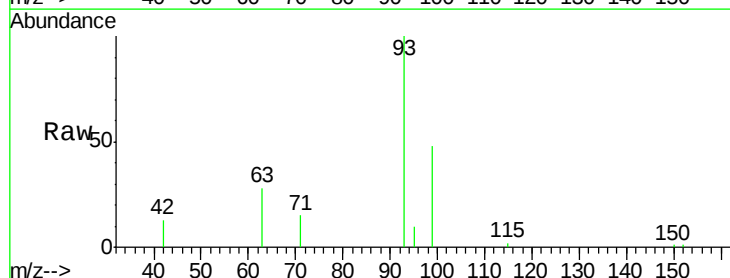
Tgt Ion: 93 Resp: 30802

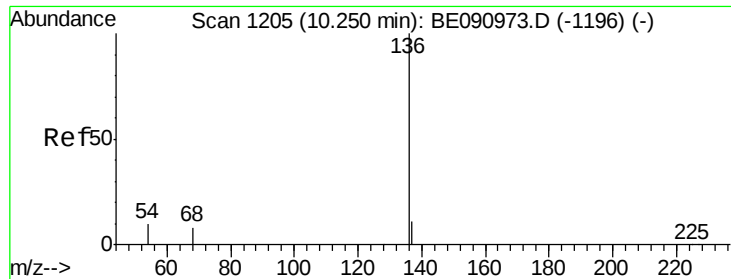
Ion Ratio Lower Upper

93 100

63 0.0 49.5 74.3#

95 0.0 22.2 33.4#





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 9.63 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BE090996.D

Acq: 8 Oct 2015 10:36

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

Tot Ion:136 Resp: 270411

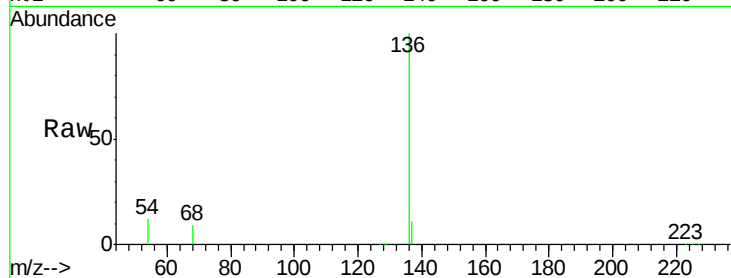
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 12.0 8.2 12.4

68 8.7 6.2 9.4

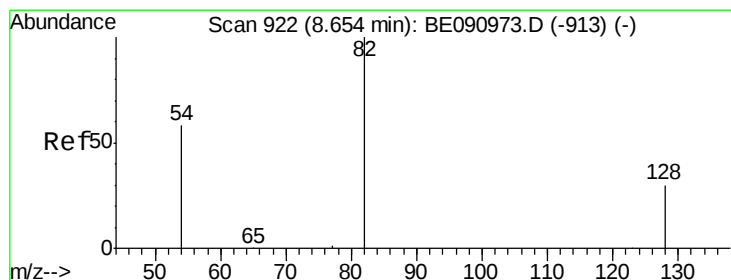
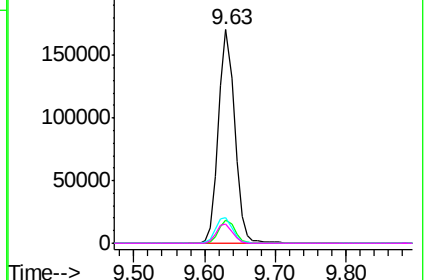
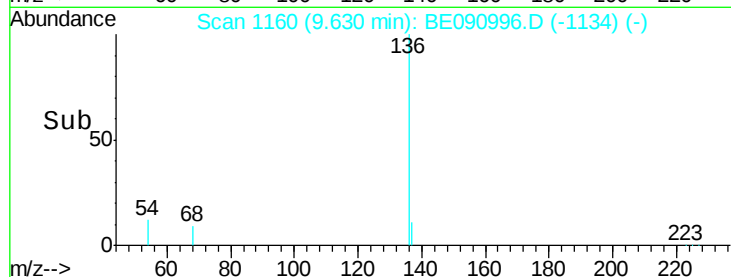


Abundance Ion 136.00 (135.70 to 136.70): E

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



#8

Nitrobenzene-d5

Concen: 1.26 ng

RT: 8.22 min Scan# 874

Delta R.T. -0.01 min

Lab File: BE090996.D

Acq: 8 Oct 2015 10:36

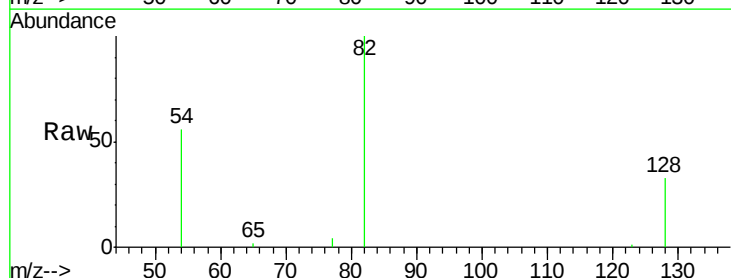
Tgt Ion: 82 Resp: 20053

Ion Ratio Lower Upper

82 100

128 32.5 25.4 38.0

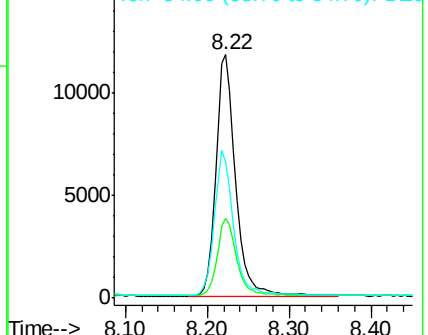
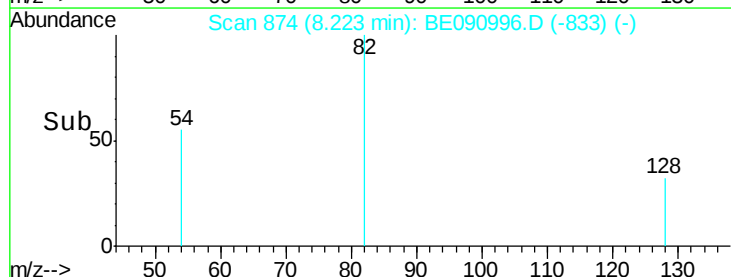
54 56.2 48.4 72.6

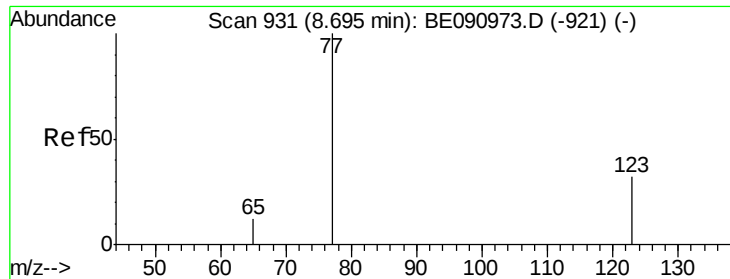


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Nitrobenzene

Concen: 1.32 ng

RT: 8.26 min Scan# 882

Delta R.T. -0.01 min

Lab File: BE090996.D

Acq: 8 Oct 2015 10:36

Instrument :

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SSTDCCC001

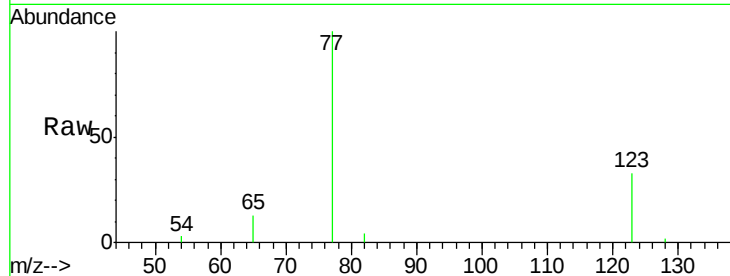
Tot Ion: 77 Resp: 22432

Ion Ratio Lower Upper

77 100

123 33.0 26.9 40.3

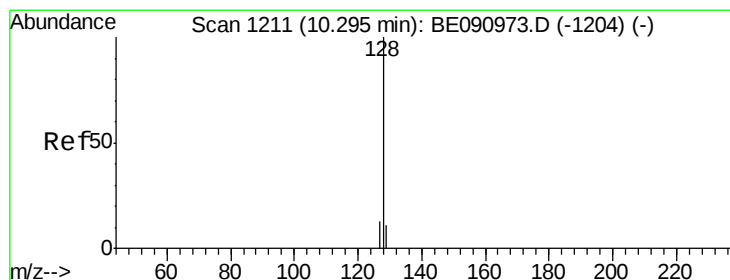
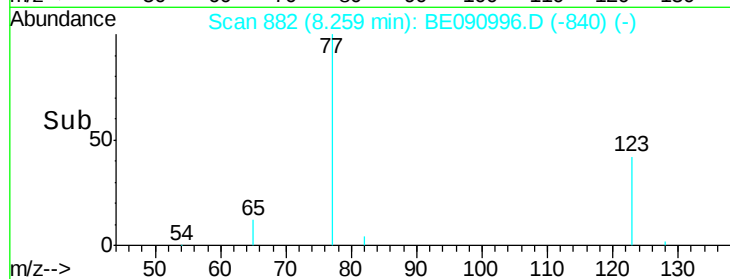
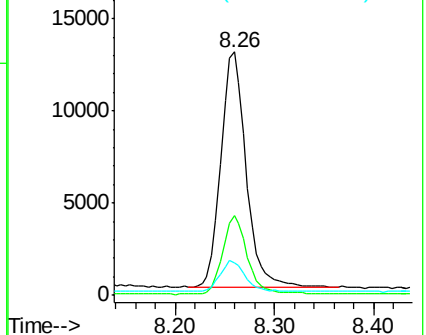
65 13.3 9.4 14.2



Abundance Ion 77.00 (76.70 to 77.70): BE090973.D (-921) (-)

Ion 123.00 (122.70 to 123.70): BE090973.D (-921) (-)

Ion 65.00 (64.70 to 65.70): BE090973.D (-921) (-)



#10

Naphthalene

Concen: 1.00 ng

RT: 9.68 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BE090996.D

Acq: 8 Oct 2015 10:36

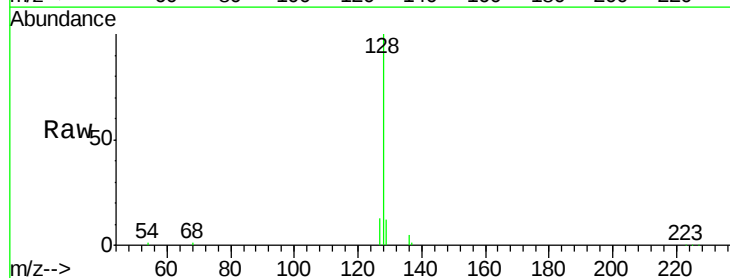
Tgt Ion: 128 Resp: 55269

Ion Ratio Lower Upper

128 100

129 11.5 9.3 13.9

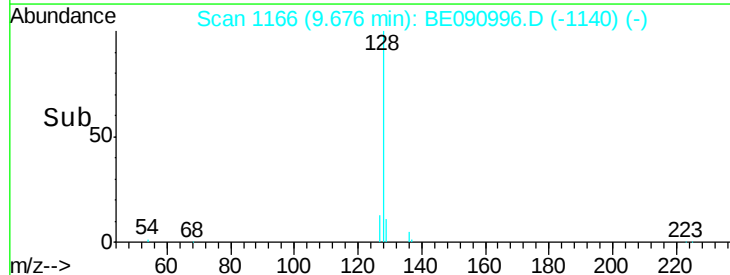
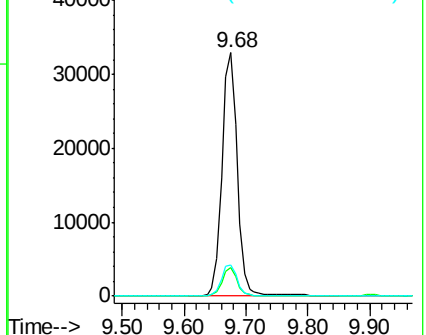
127 12.9 10.7 16.1

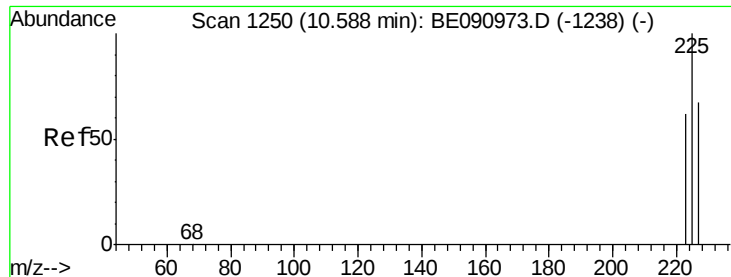


Abundance Ion 128.00 (127.70 to 128.70): BE090973.D (-1204) (-)

Ion 129.00 (128.70 to 129.70): BE090973.D (-1204) (-)

Ion 127.00 (126.70 to 127.70): BE090973.D (-1204) (-)

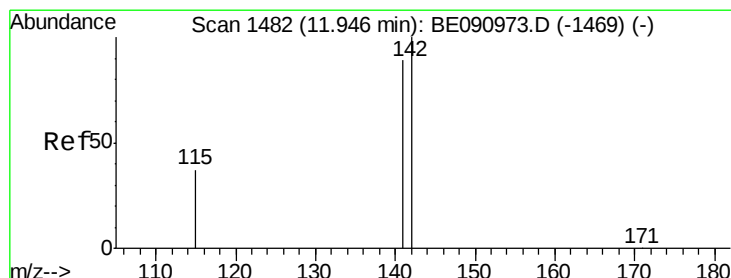
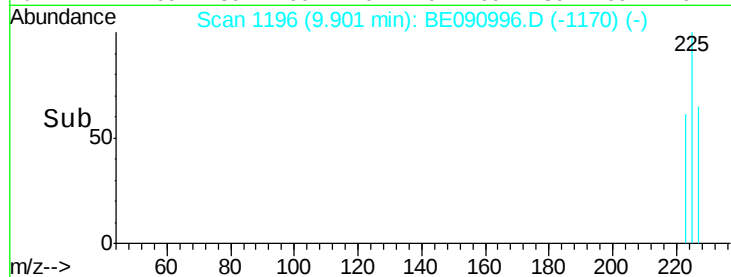
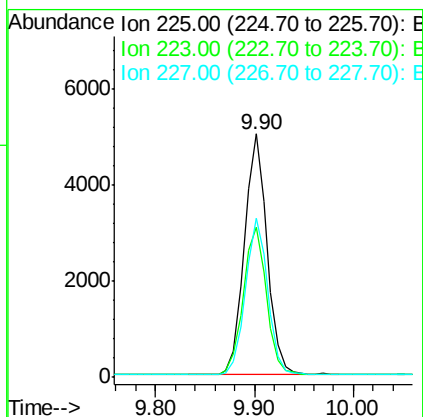
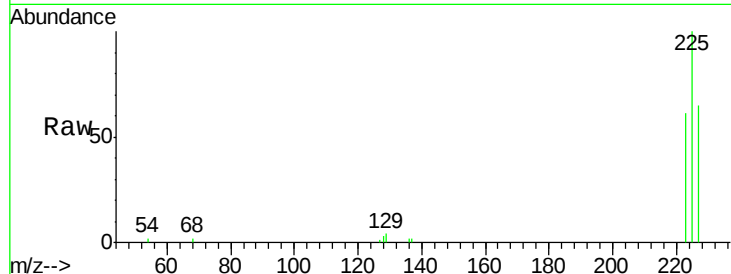




#11
Hexachlorobutadiene
Concen: 0.83 ng
RT: 9.90 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BE090996.D
Acq: 8 Oct 2015 10:36

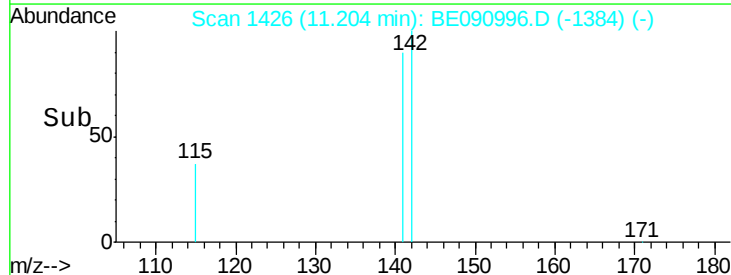
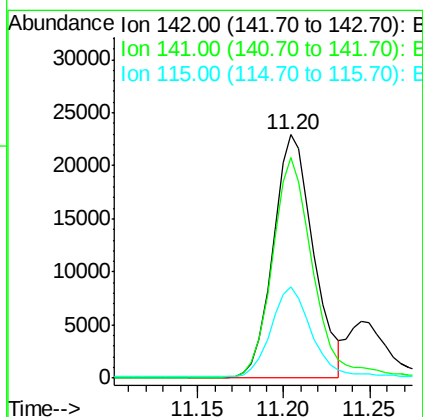
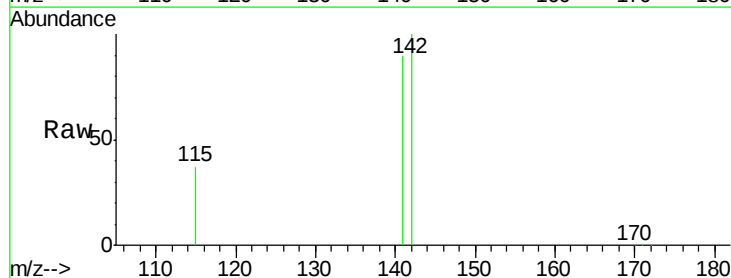
Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

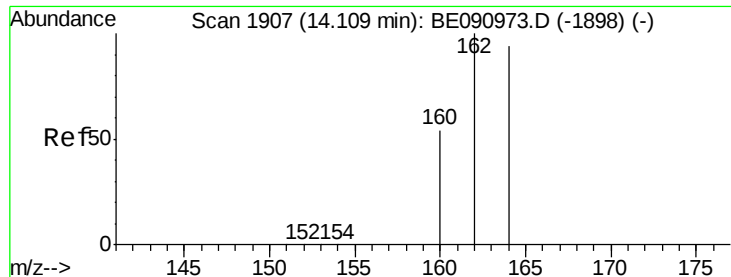
Tot Ion:225 Resp: 7930
Ion Ratio Lower Upper
225 100
223 62.6 49.0 73.6
227 64.5 50.3 75.5



#12
2-Methylnaphthalene
Concen: 1.08 ng
RT: 11.20 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BE090996.D
Acq: 8 Oct 2015 10:36

Tgt Ion:142 Resp: 36992
Ion Ratio Lower Upper
142 100
141 90.4 71.4 107.0
115 37.3 30.3 45.5

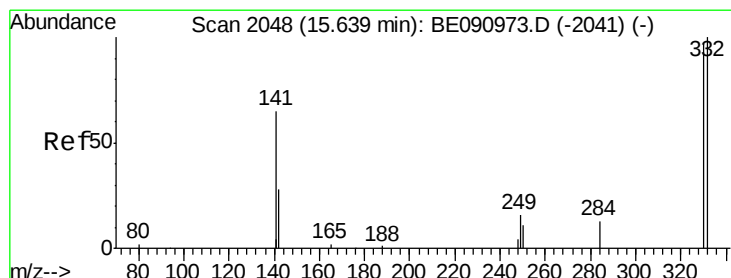
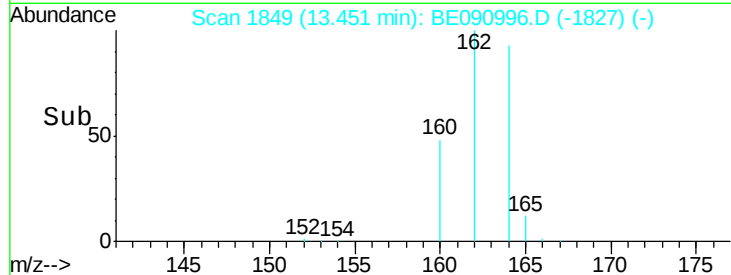
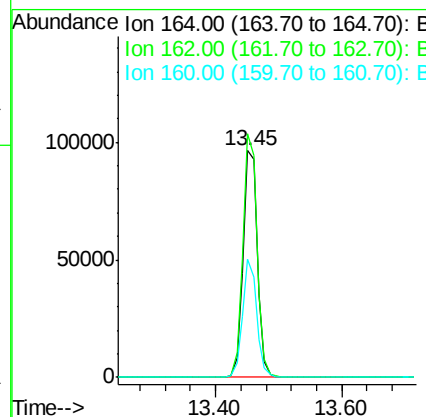
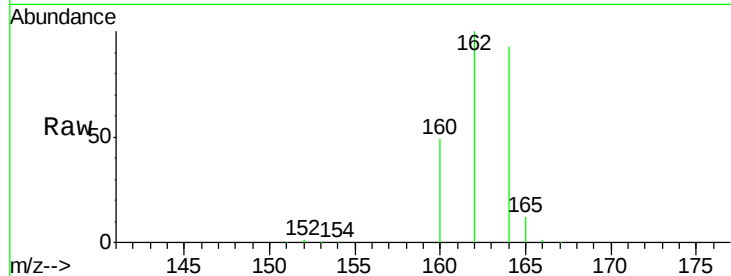




#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 13.45 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BE090996.D
Acq: 8 Oct 2015 10:36

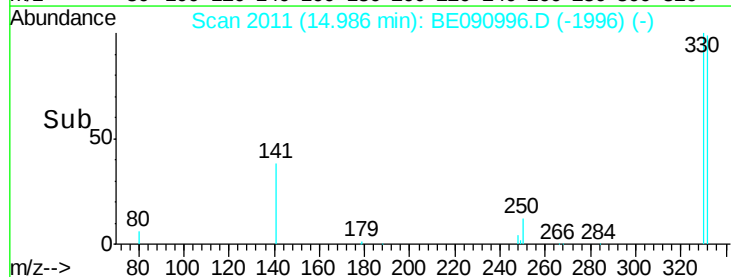
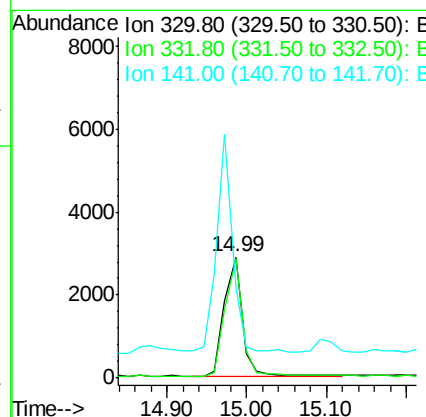
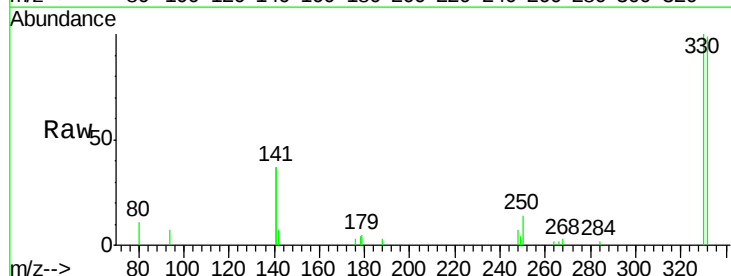
Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

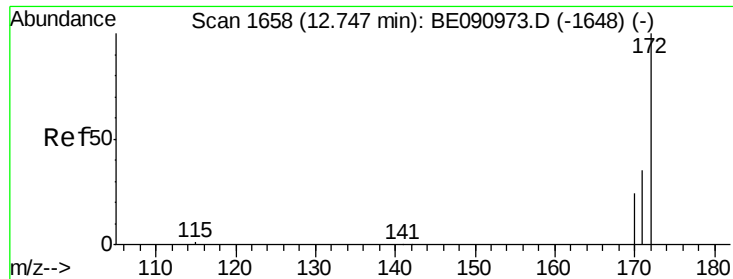
Tot Ion:164 Resp: 150359
Ion Ratio Lower Upper
164 100
162 107.6 85.3 127.9
160 52.2 46.2 69.2



#14
2,4,6-Tribromophenol
Concen: 1.01 ng
RT: 14.99 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BE090996.D
Acq: 8 Oct 2015 10:36

Tgt Ion:330 Resp: 4485
Ion Ratio Lower Upper
330 100
332 95.3 79.1 118.7
141 160.8 125.4 188.0

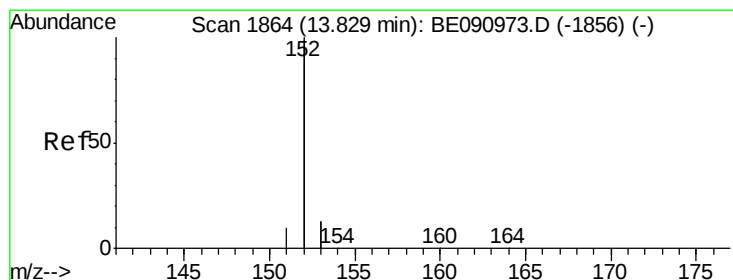
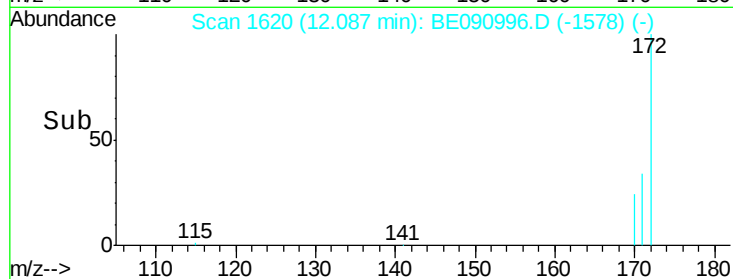
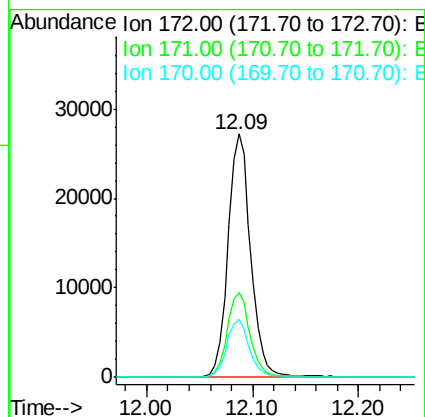
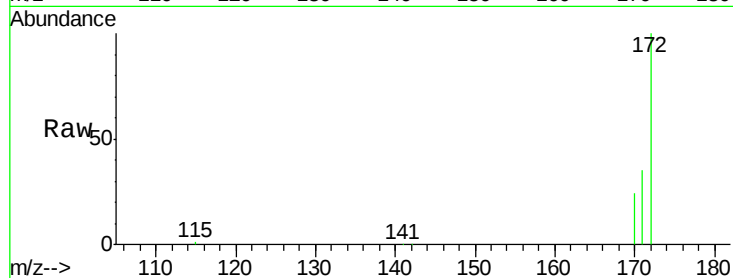




#15
2-Fluorobiphenyl
Concen: 0.99 ng
RT: 12.09 min Scan# 1620
Delta R.T. -0.01 min
Lab File: BE090996.D
Acq: 8 Oct 2015 10:36

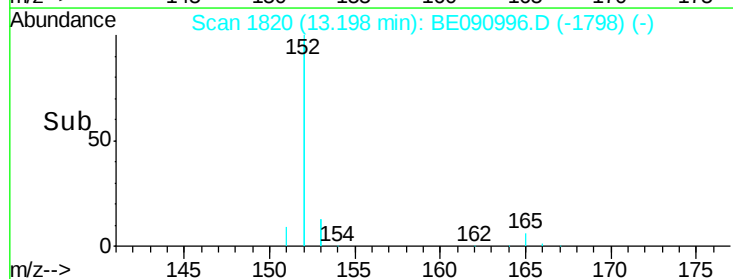
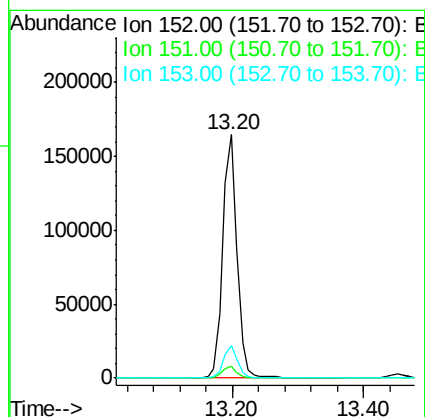
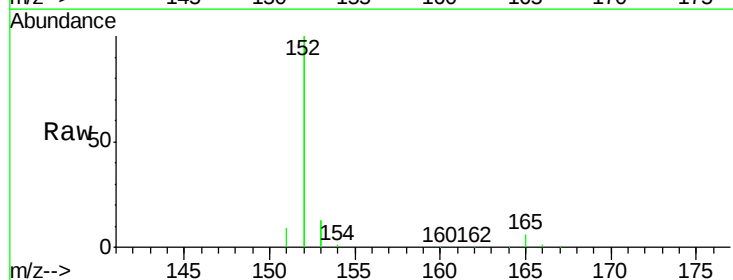
Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

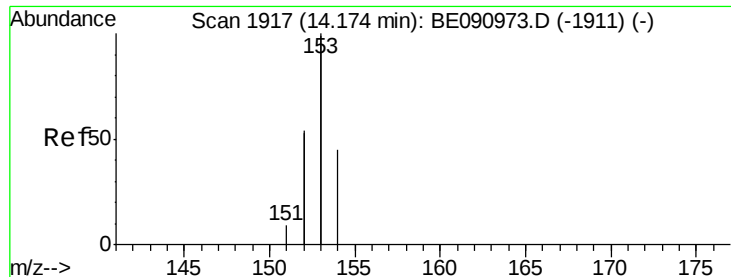
Tot Ion:172 Resp: 40216
Ion Ratio Lower Upper
172 100
171 34.6 28.8 43.2
170 23.7 19.3 28.9



#16
Acenaphthylene
Concen: 0.98 ng
RT: 13.20 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BE090996.D
Acq: 8 Oct 2015 10:36

Tgt Ion:152 Resp: 246967
Ion Ratio Lower Upper
152 100
151 4.8 3.9 5.9
153 12.9 10.3 15.5





#17

Acenaphthene

Concen: 0.94 ng

RT: 13.51 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BE090996.D

Acq: 8 Oct 2015 10:36

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

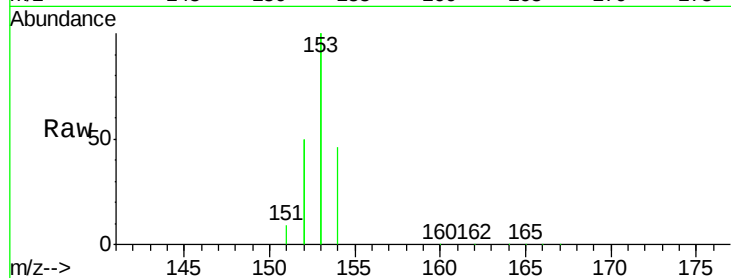
Tot Ion:154 Resp: 37915

Ion Ratio Lower Upper

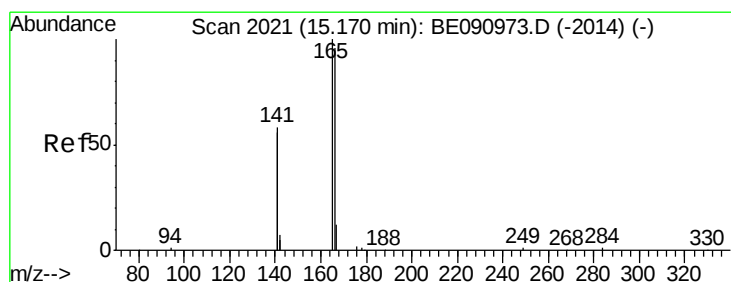
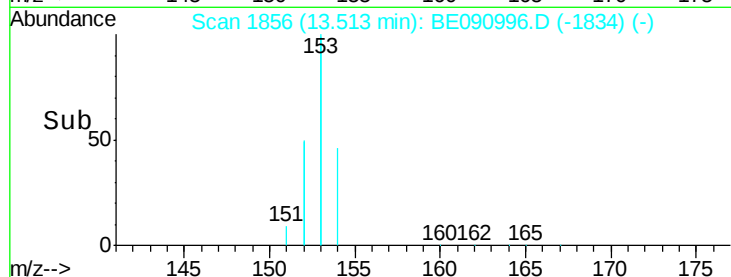
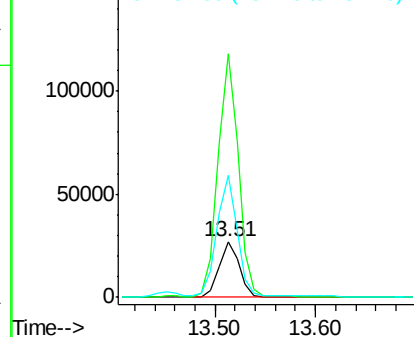
154 100

153 434.8 352.0 528.0

152 216.9 200.0 300.0



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



#18

Fluorene

Concen: 0.98 ng

RT: 14.50 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BE090996.D

Acq: 8 Oct 2015 10:36

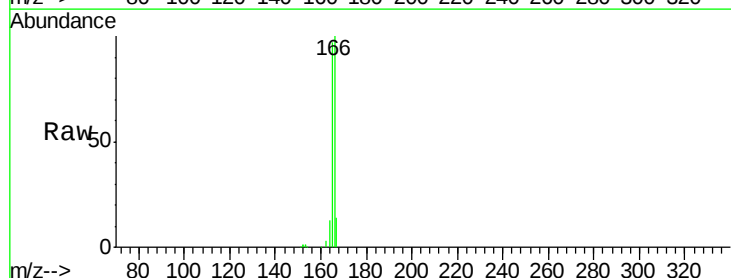
Tgt Ion:166 Resp: 48667

Ion Ratio Lower Upper

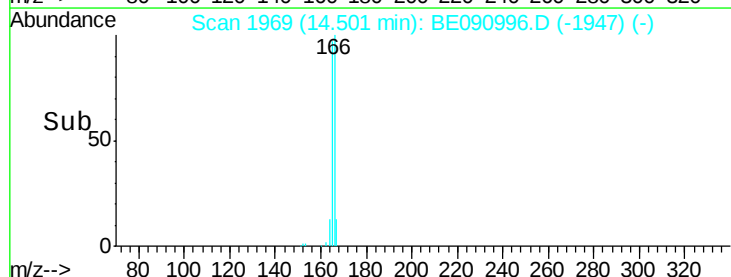
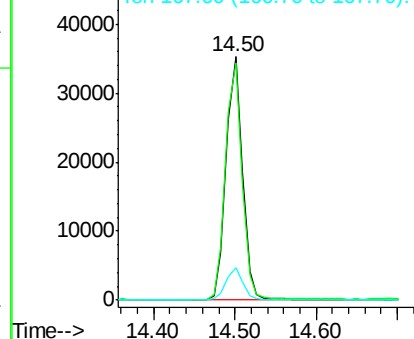
166 100

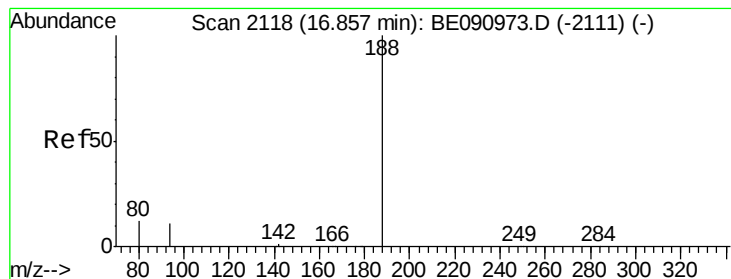
165 98.8 80.8 121.2

167 13.7 10.9 16.3



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.17 min Scan# 2100

Delta R.T. -0.01 min

Lab File: BE090996.D

Acq: 8 Oct 2015 10:36

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

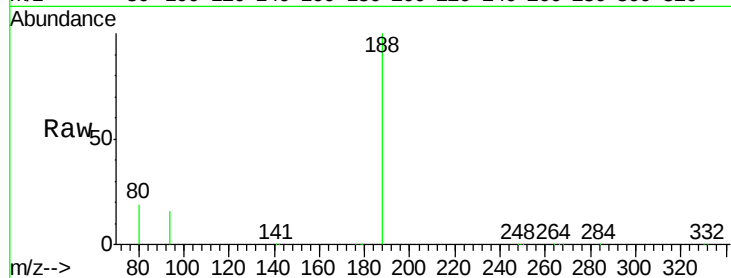
Tot Ion:188 Resp: 360306

Ion Ratio Lower Upper

188 100

94 16.2 8.7 13.1#

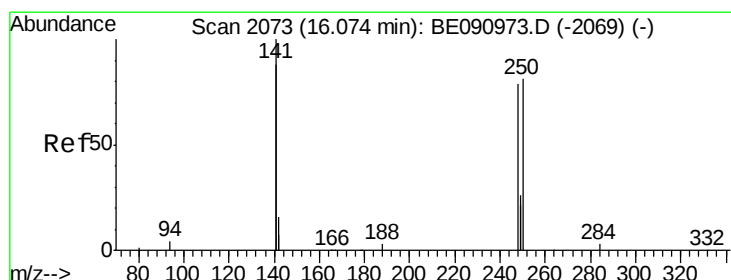
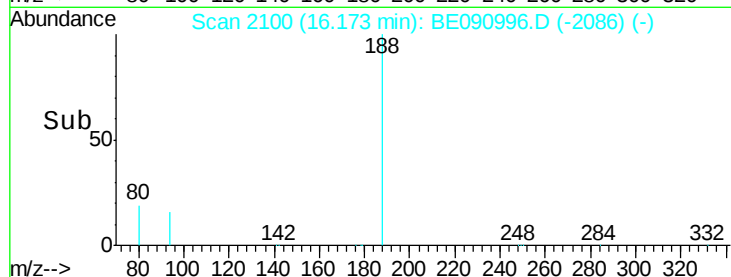
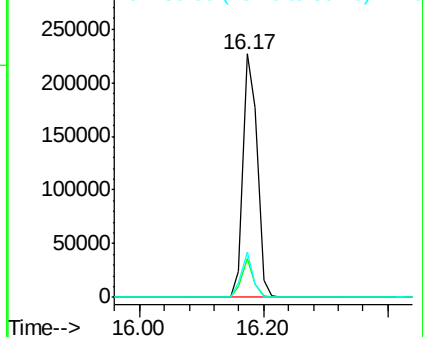
80 18.7 9.4 14.0#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 0.98 ng

RT: 15.35 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BE090996.D

Acq: 8 Oct 2015 10:36

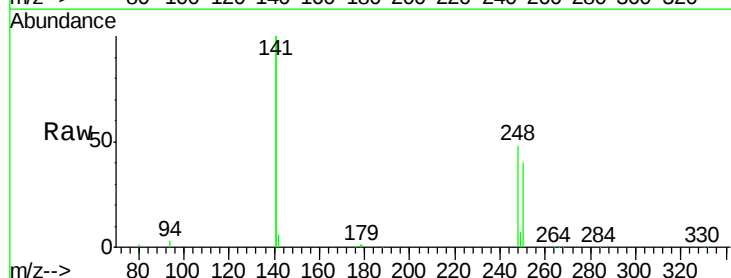
Tgt Ion:248 Resp: 13406

Ion Ratio Lower Upper

248 100

250 95.0 80.5 120.7

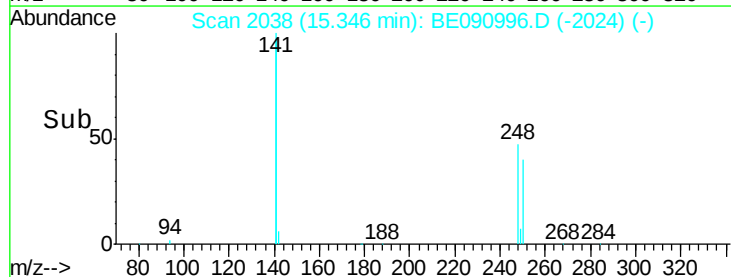
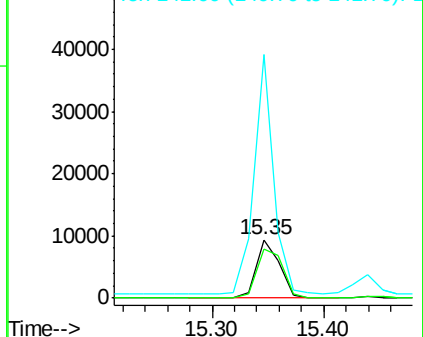
141 351.8 261.9 392.9

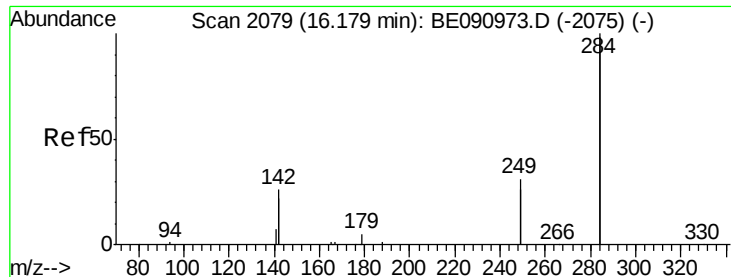


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.13 ng

RT: 15.45 min Scan# 2046

Delta R.T. 0.00 min

Lab File: BE090996.D

Acq: 8 Oct 2015 10:36

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

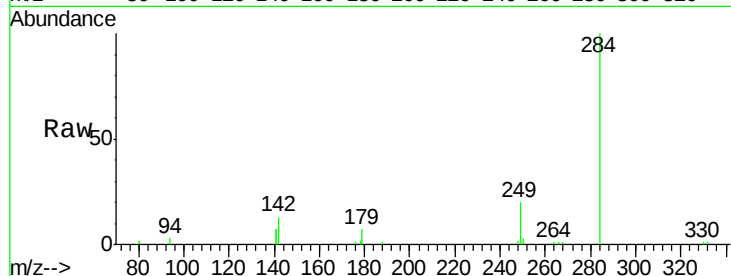
Tot Ion:284 Resp: 14713

Ion Ratio Lower Upper

284 100

142 41.3 32.2 48.2

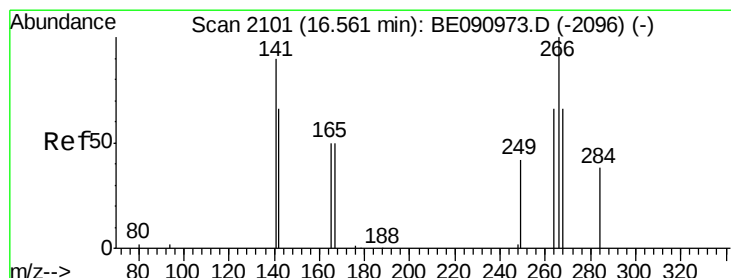
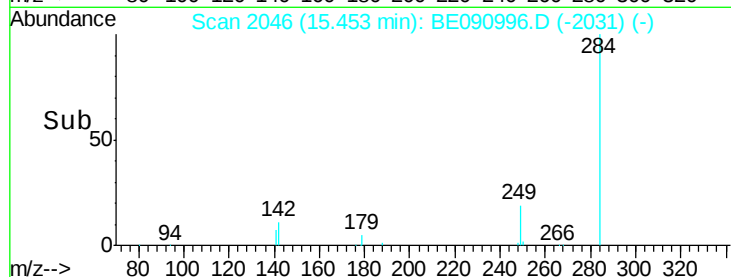
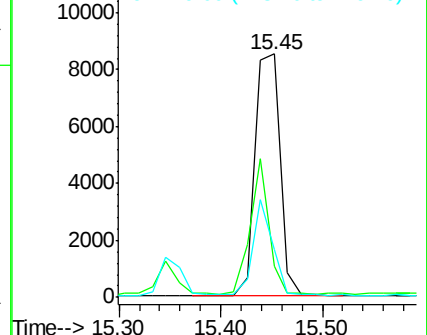
249 31.3 25.4 38.2



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



#22

Pentachlorophenol

Concen: 1.18 ng

RT: 15.93 min Scan# 2082

Delta R.T. 0.00 min

Lab File: BE090996.D

Acq: 8 Oct 2015 10:36

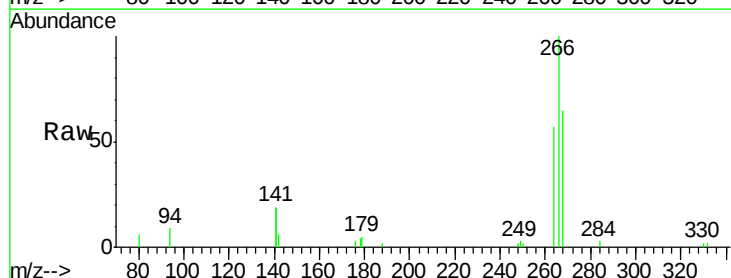
Tgt Ion:266 Resp: 4713

Ion Ratio Lower Upper

266 100

268 64.8 58.2 87.2

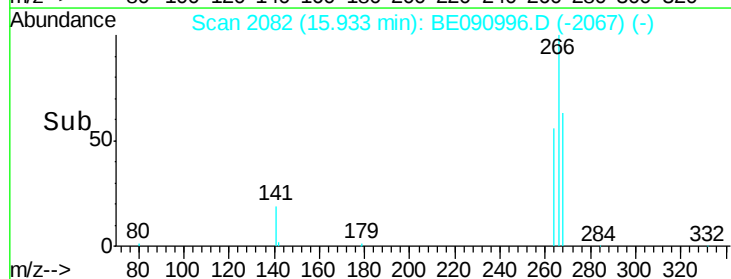
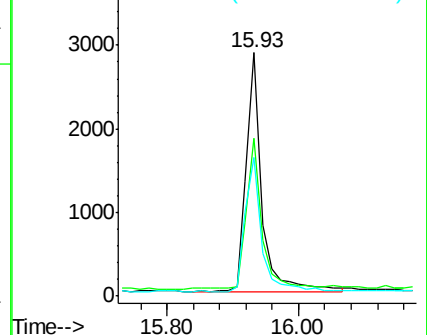
264 56.8 56.2 84.4

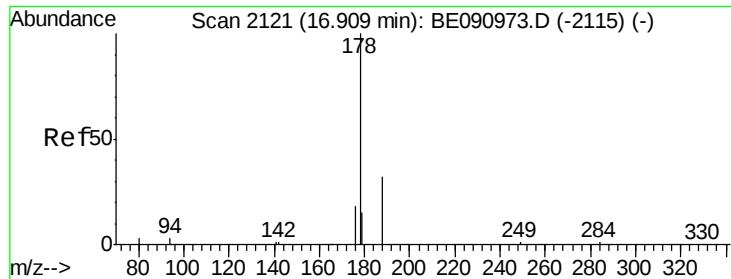


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#23

Phenanthrene

Concen: 0.98 ng

RT: 16.21 min Scan# 2103

Delta R.T. -0.01 min

Lab File: BE090996.D

Acq: 8 Oct 2015 10:36

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

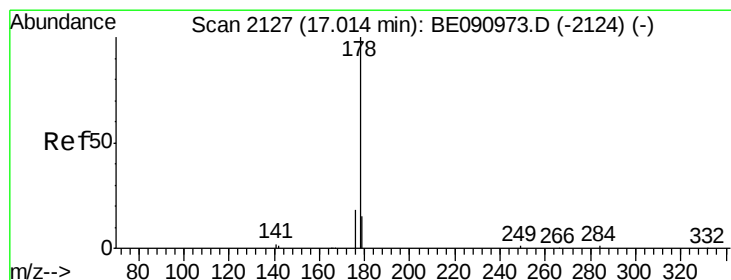
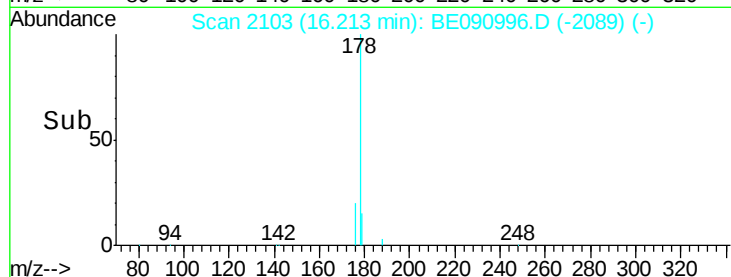
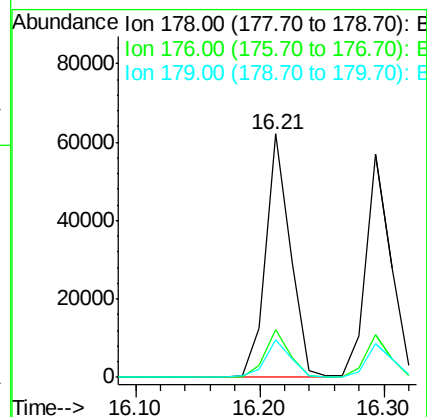
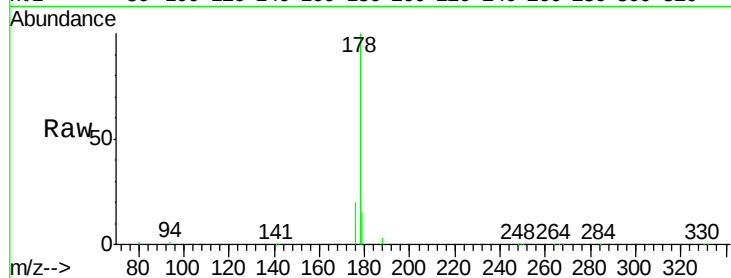
Tot Ion:178 Resp: 85091

Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

179 15.7 12.6 18.8



#24

Anthracene

Concen: 1.02 ng

RT: 16.29 min Scan# 2109

Delta R.T. -0.01 min

Lab File: BE090996.D

Acq: 8 Oct 2015 10:36

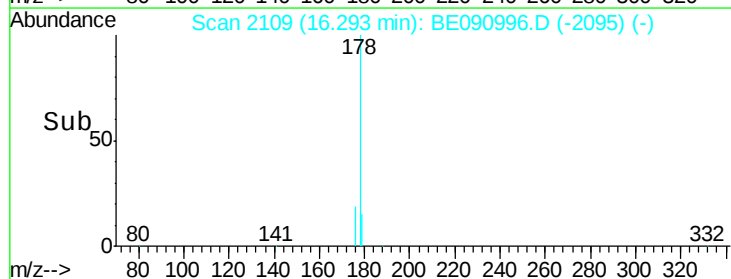
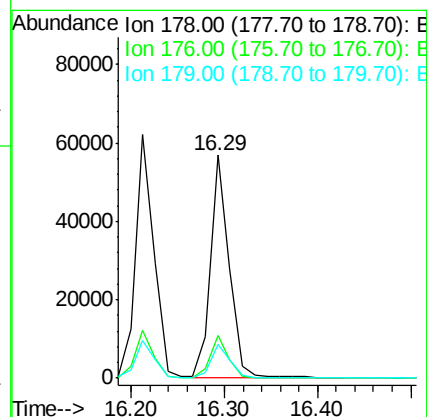
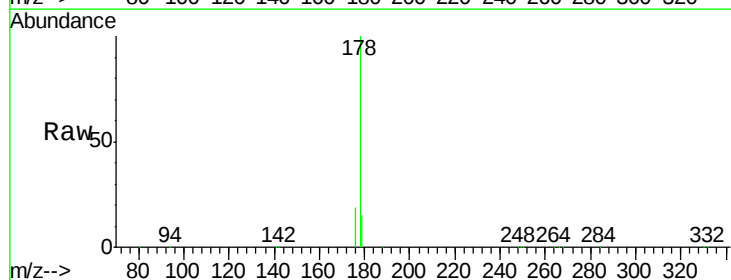
Tgt Ion:178 Resp: 79536

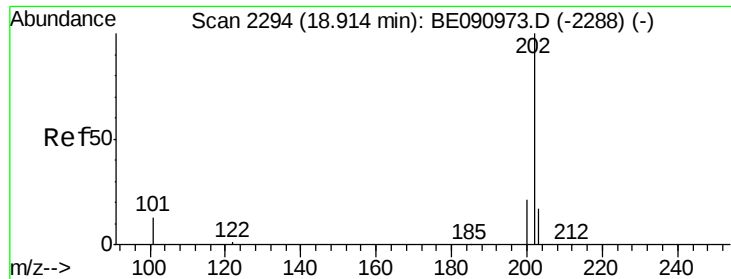
Ion Ratio Lower Upper

178 100

176 18.7 14.6 21.8

179 15.1 11.8 17.6





#25

Fluoranthene

Concen: 1.02 ng

RT: 18.20 min Scan# 2318

Delta R.T. -0.00 min

Lab File: BE090996.D

Acq: 8 Oct 2015 10:36

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

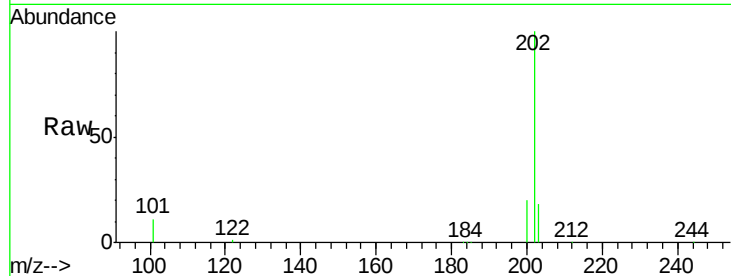
Tot Ion:202 Resp: 98475

Ion Ratio Lower Upper

202 100

101 14.5 11.0 16.6

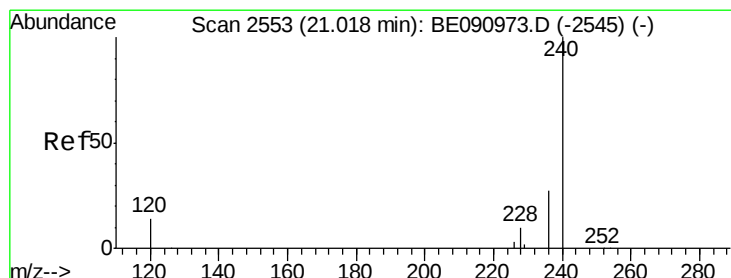
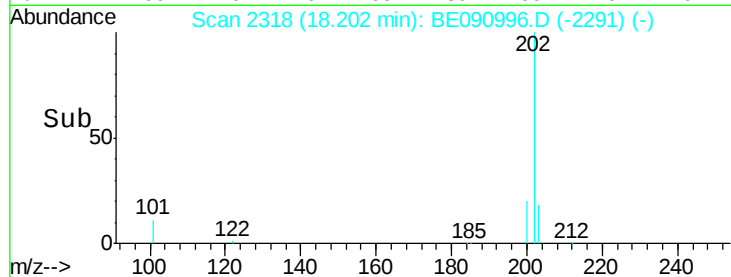
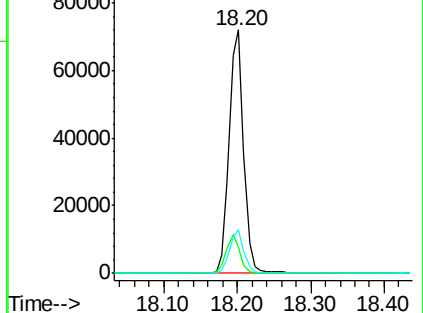
203 17.4 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#26

Chrysene-d12

Concen: 5.00 ng

RT: 20.33 min Scan# 2573

Delta R.T. -0.00 min

Lab File: BE090996.D

Acq: 8 Oct 2015 10:36

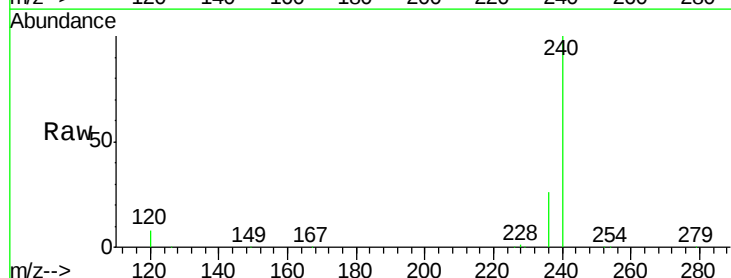
Tgt Ion:240 Resp: 459854

Ion Ratio Lower Upper

240 100

120 8.3 11.0 16.4#

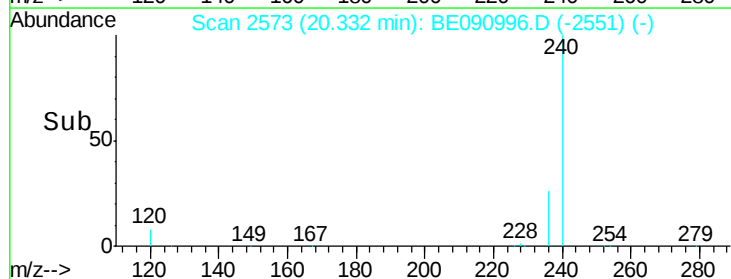
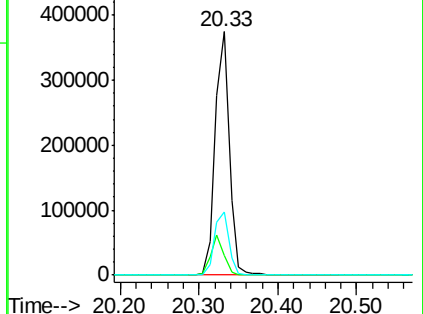
236 25.9 21.7 32.5

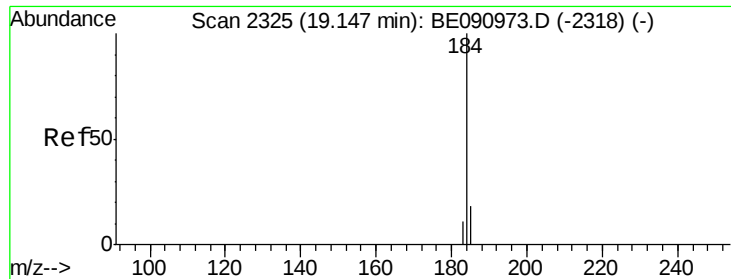


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 0.07 ng

RT: 18.73 min Scan# 2388

Delta R.T. 0.14 min

Lab File: BE090996.D

Acq: 8 Oct 2015 10:36

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

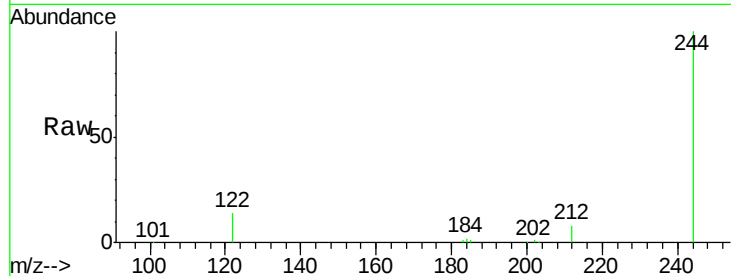
Tot Ion:184 Resp: 1359

Ion Ratio Lower Upper

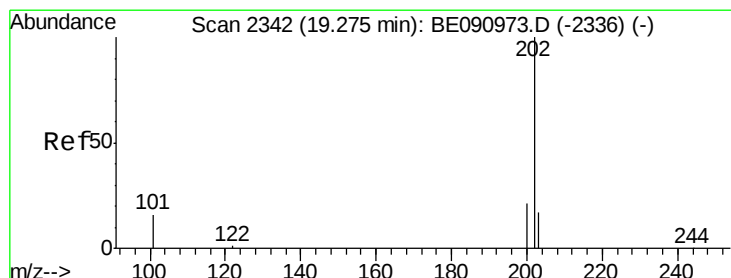
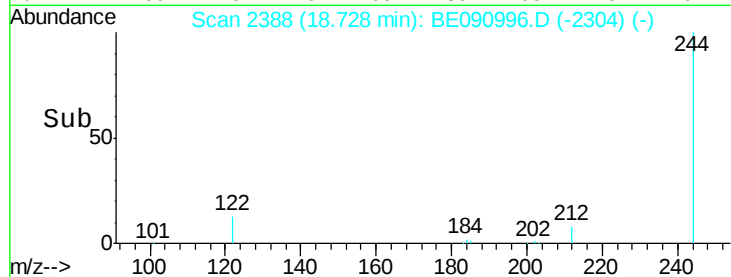
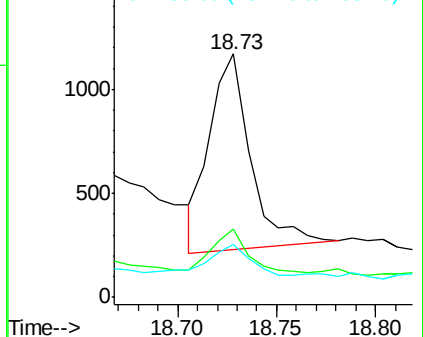
184 100

185 27.8 22.3 33.5

183 21.6 16.4 24.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#28

Pyrene

Concen: 0.96 ng

RT: 18.59 min Scan# 2369

Delta R.T. -0.00 min

Lab File: BE090996.D

Acq: 8 Oct 2015 10:36

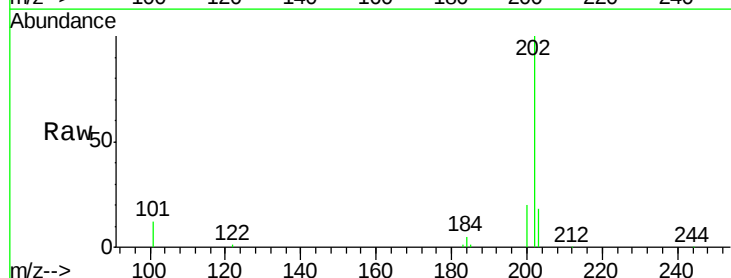
Tgt Ion:202 Resp: 102457

Ion Ratio Lower Upper

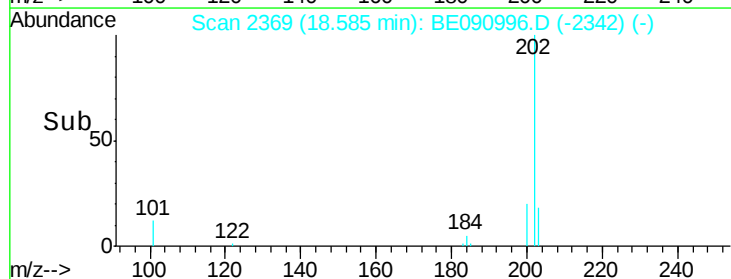
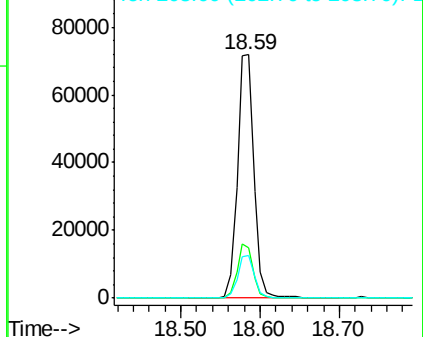
202 100

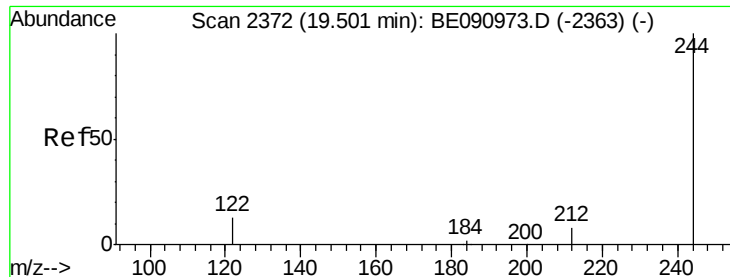
200 21.2 16.8 25.2

203 17.6 14.0 21.0



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





#29

Terphenyl-d14

Concen: 1.03 ng

RT: 18.73 min Scan# 2388

Delta R.T. -0.01 min

Lab File: BE090996.D

Acq: 8 Oct 2015 10:36

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

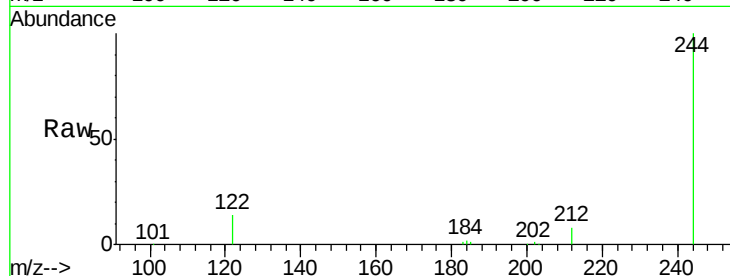
Tot Ion:244 Resp: 57273

Ion Ratio Lower Upper

244 100

212 8.4 6.9 10.3

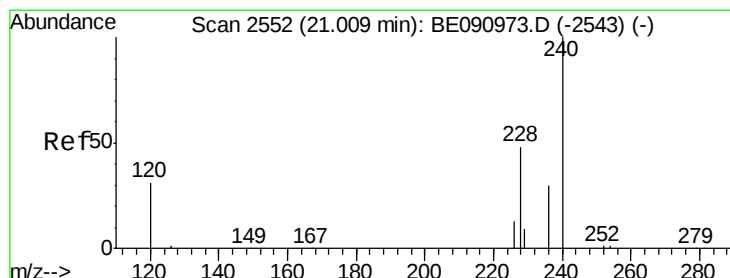
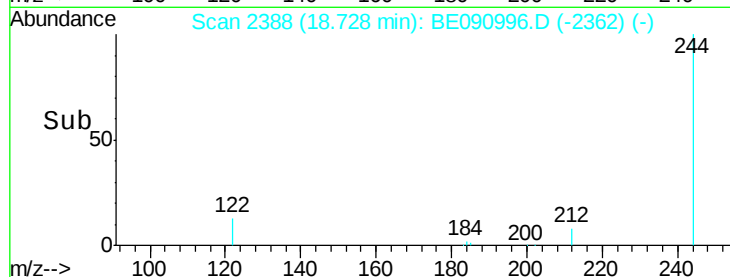
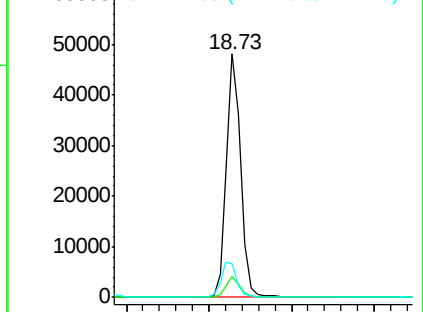
122 13.6 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 1.07 ng

RT: 20.30 min Scan# 2569

Delta R.T. -0.01 min

Lab File: BE090996.D

Acq: 8 Oct 2015 10:36

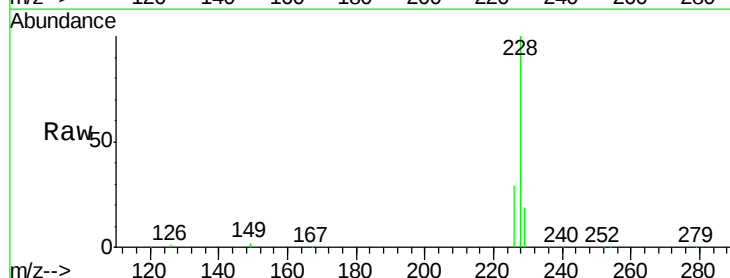
Tgt Ion:228 Resp: 108911

Ion Ratio Lower Upper

228 100

226 28.5 21.0 31.4

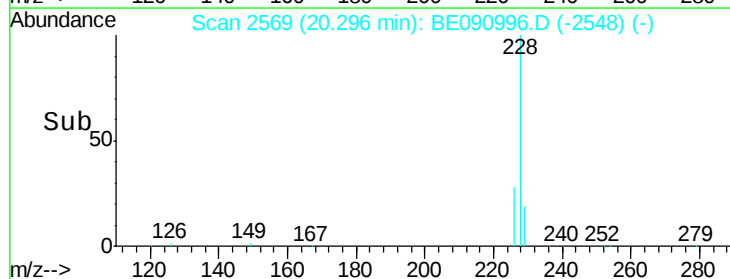
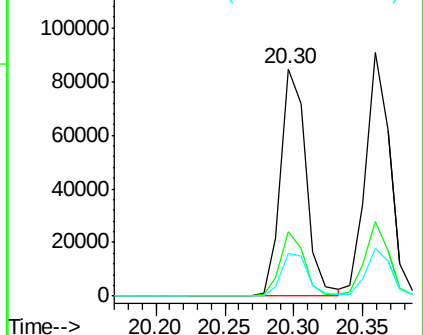
229 18.7 15.7 23.5

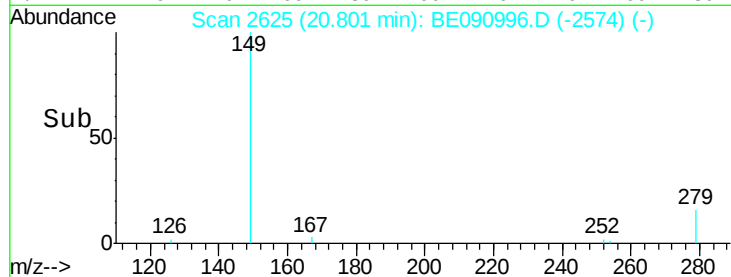
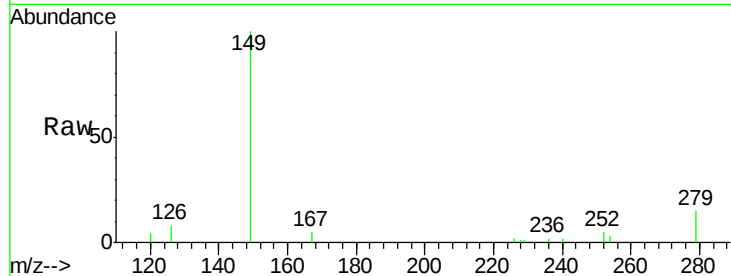
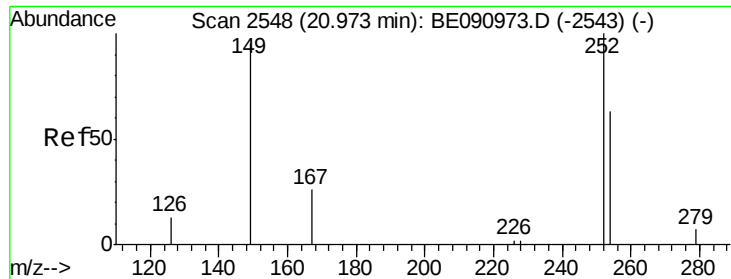


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

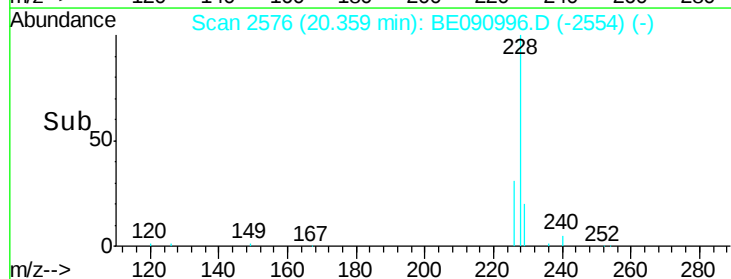
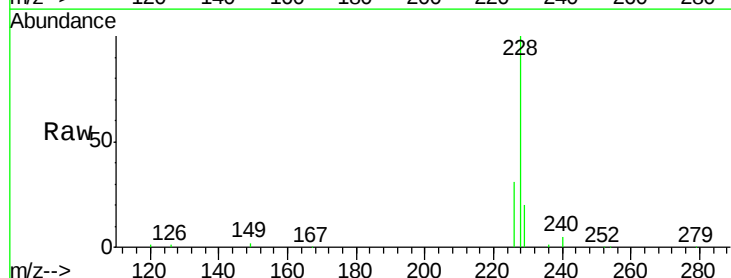
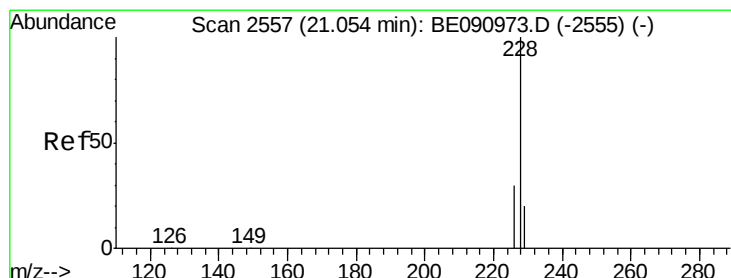
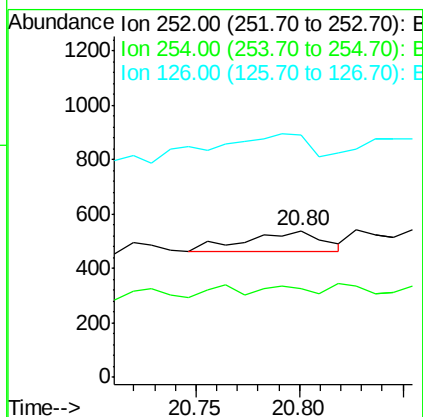




#31
3,3'-Dichlorobenzidine
Concen: 0.04 ng
RT: 20.80 min Scan# 2625
Delta R.T. -0.04 min
Lab File: BE090996.D
Acq: 8 Oct 2015 10:36

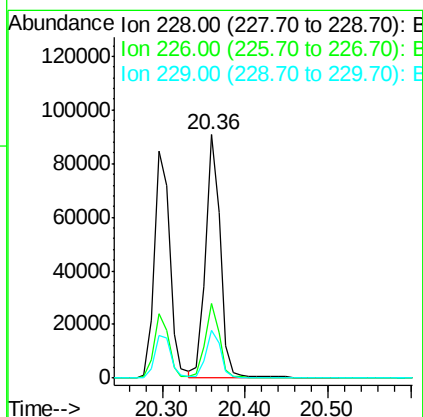
Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

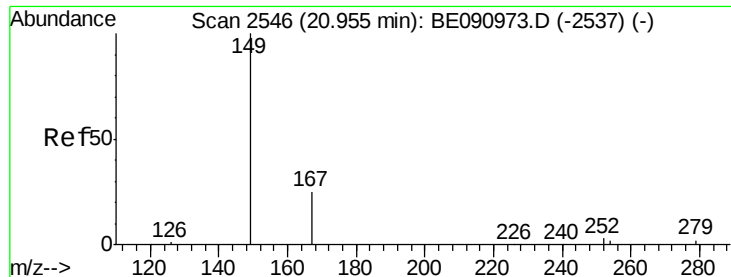
Tot Ion:252 Resp: 203
Ion Ratio Lower Upper
252 100
254 60.8 51.1 76.7
126 165.1 12.6 18.8#



#32
Chrysene
Concen: 0.91 ng
RT: 20.36 min Scan# 2576
Delta R.T. -0.00 min
Lab File: BE090996.D
Acq: 8 Oct 2015 10:36

Tgt Ion:228 Resp: 112251
Ion Ratio Lower Upper
228 100
226 30.7 24.0 36.0
229 19.8 15.9 23.9





#33

Bis(2-ethylhexyl)phthalate

Concen: 1.41 ng

RT: 20.01 min Scan# 2537

Delta R.T. -0.01 min

Lab File: BE090996.D

Acq: 8 Oct 2015 10:36

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

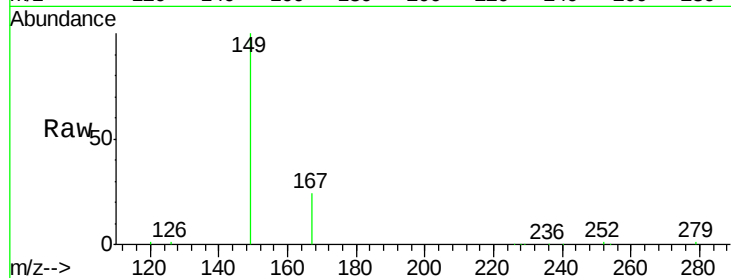
Tot Ion:149 Resp: 49486

Ion Ratio Lower Upper

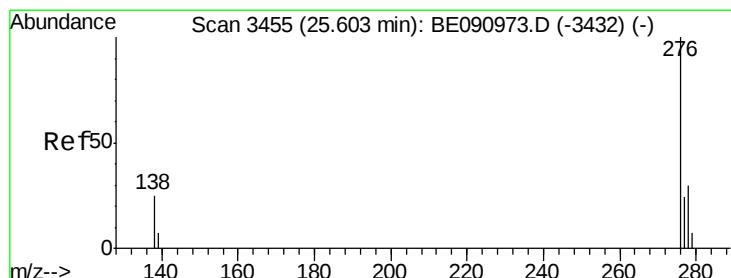
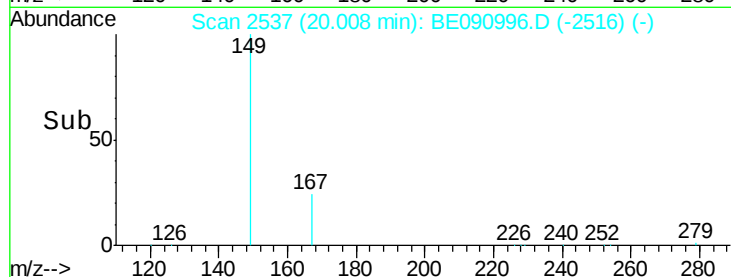
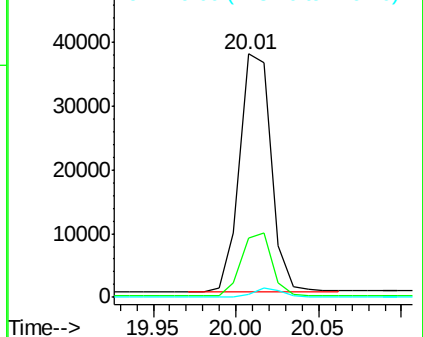
149 100

167 25.9 19.5 29.3

279 3.2 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



#34

Indeno(1,2,3-cd)pyrene

Concen: 1.16 ng

RT: 23.91 min Scan# 3279

Delta R.T. -0.00 min

Lab File: BE090996.D

Acq: 8 Oct 2015 10:36

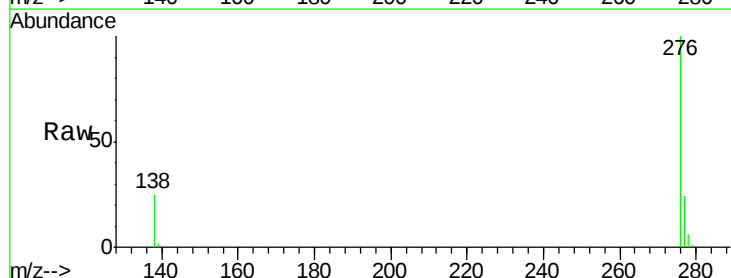
Tgt Ion:276 Resp: 123652

Ion Ratio Lower Upper

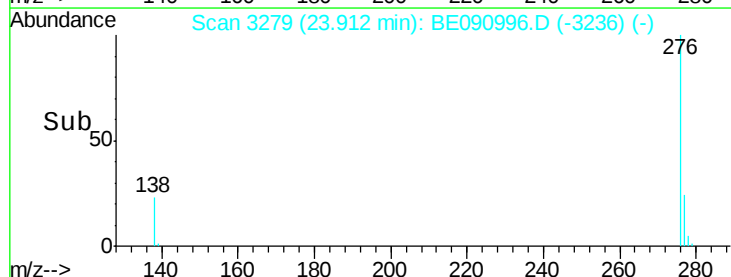
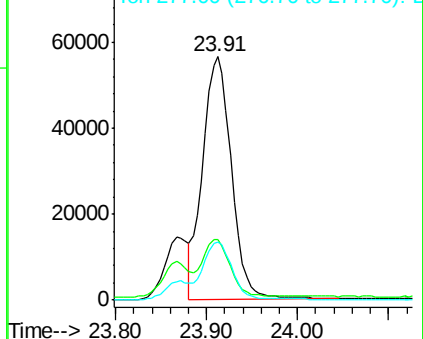
276 100

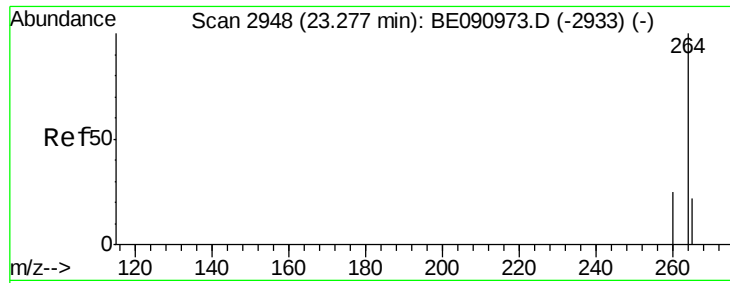
138 22.9 23.4 35.2#

277 24.0 19.8 29.8



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

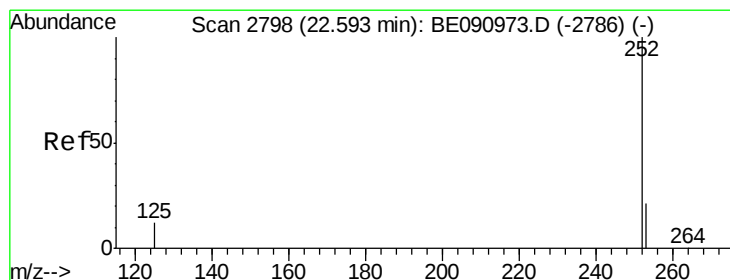
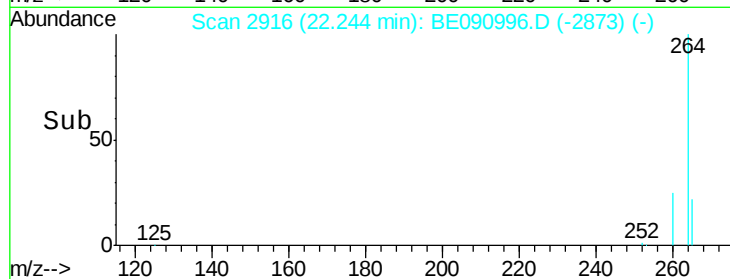
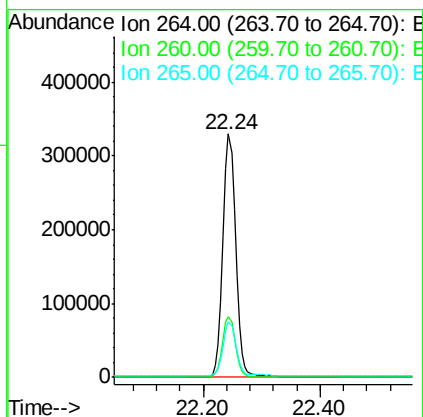
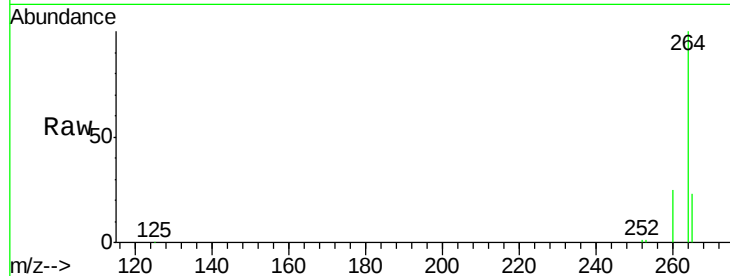




#35
 Pervlene-d12
 Concen: 5.00 ng
 RT: 22.24 min Scan# 2916
 Delta R.T. -0.00 min
 Lab File: BE090996.D
 Acq: 8 Oct 2015 10:36

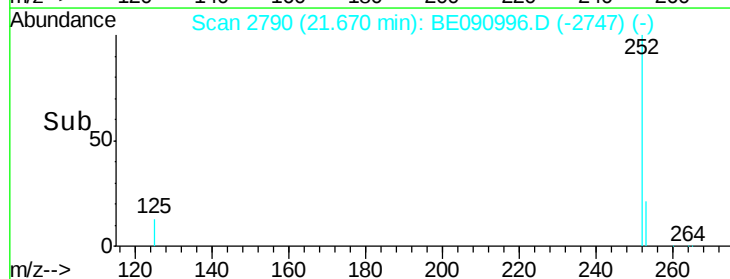
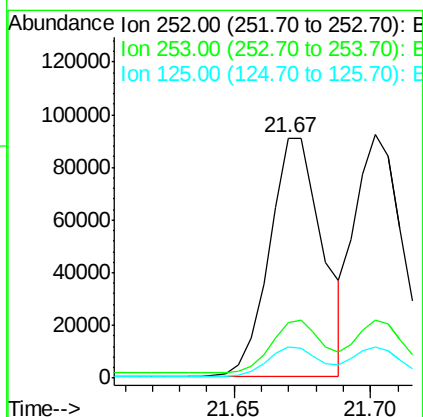
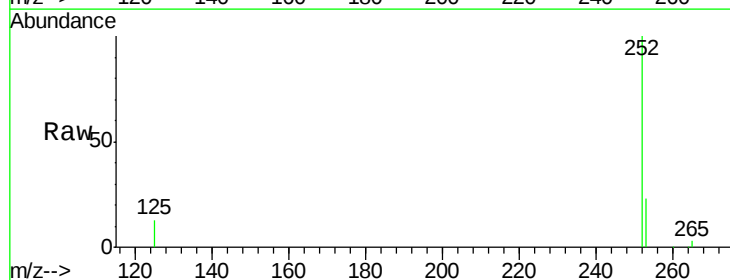
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

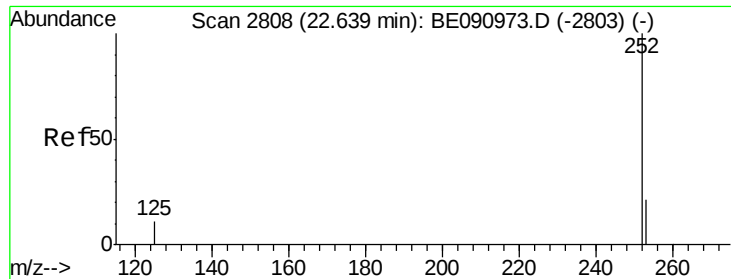
Tot Ion:264 Resp: 494945
 Ion Ratio Lower Upper
 264 100
 260 25.0 20.0 30.0
 265 22.5 17.5 26.3



#36
 Benzo(b)fluoranthene
 Concen: 1.12 ng
 RT: 21.67 min Scan# 2790
 Delta R.T. -0.00 min
 Lab File: BE090996.D
 Acq: 8 Oct 2015 10:36

Tgt Ion:252 Resp: 121980
 Ion Ratio Lower Upper
 252 100
 253 23.1 17.4 26.0
 125 13.2 10.2 15.2

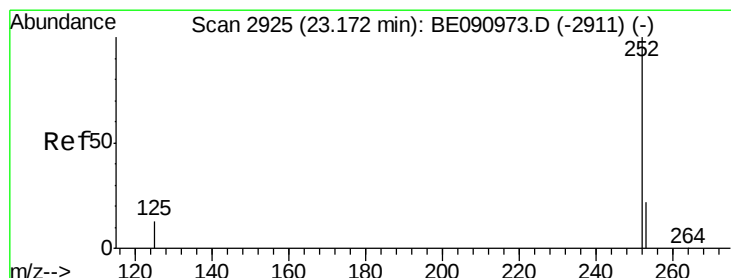
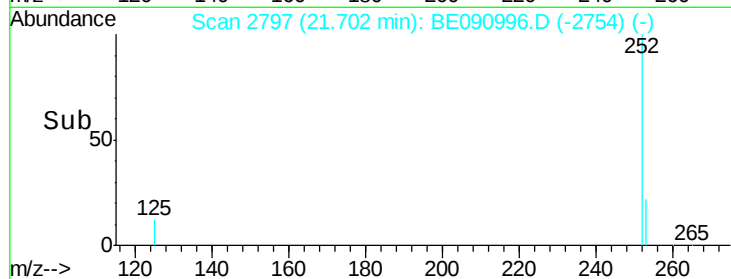
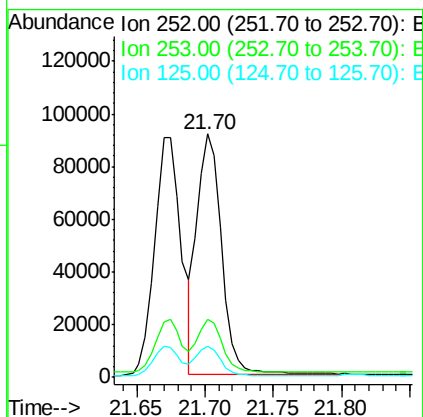
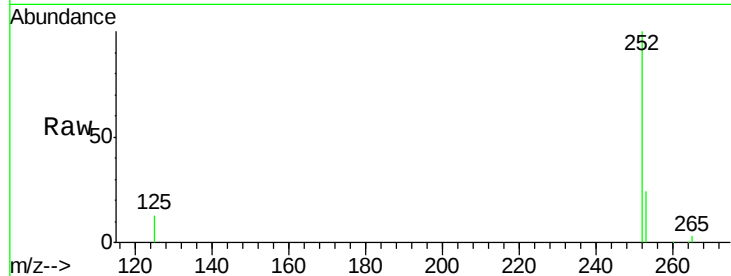




#37
Benzo(k)fluoranthene
Concen: 0.78 ng
RT: 21.70 min Scan# 2797
Delta R.T. -0.00 min
Lab File: BE090996.D
Acq: 8 Oct 2015 10:36

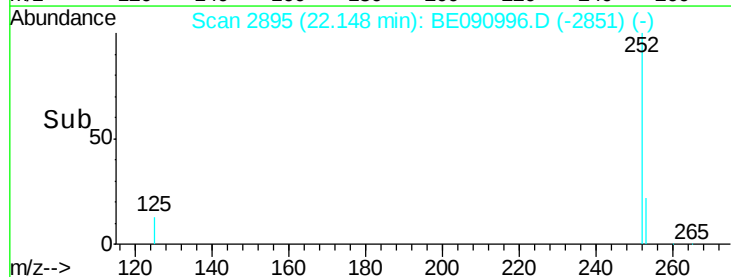
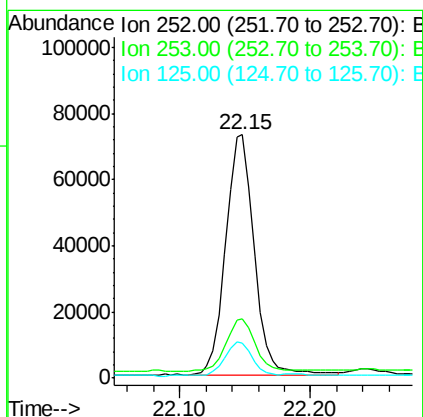
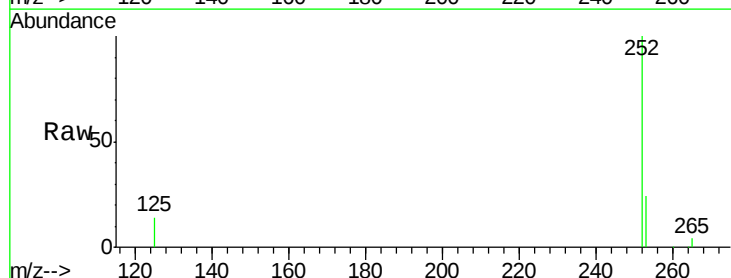
Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

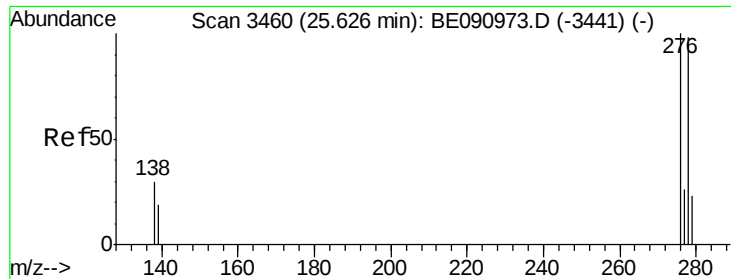
Tot Ion:252 Resp: 113493
Ion Ratio Lower Upper
252 100
253 23.8 17.6 26.4
125 12.9 9.9 14.9



#38
Benzo(a)pyrene
Concen: 1.08 ng
RT: 22.15 min Scan# 2895
Delta R.T. -0.00 min
Lab File: BE090996.D
Acq: 8 Oct 2015 10:36

Tgt Ion:252 Resp: 109627
Ion Ratio Lower Upper
252 100
253 24.3 18.1 27.1
125 14.1 11.0 16.4





#39

Dibenzo(a,h)anthracene

Concen: 1.24 ng

RT: 23.87 min Scan# 3269

Delta R.T. -0.00 min

Lab File: BE090996.D

Acq: 8 Oct 2015 10:36

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

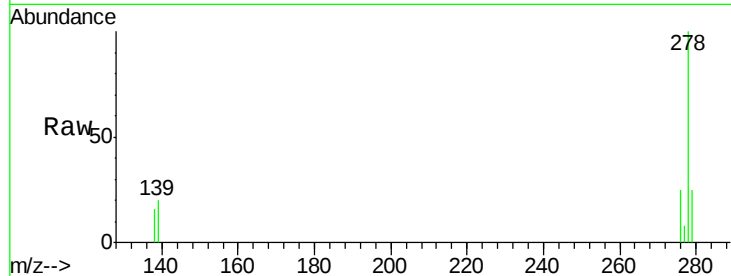
Tot Ion:278 Resp: 124046

Ion Ratio Lower Upper

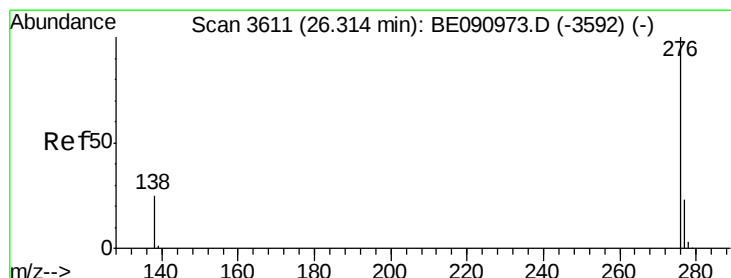
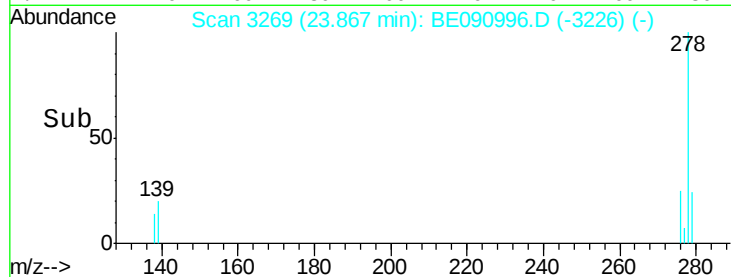
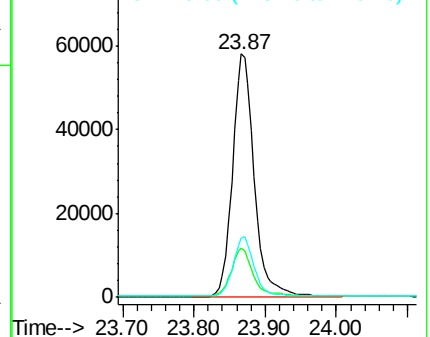
278 100

139 20.4 16.0 24.0

279 24.5 19.4 29.2



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



#40

Benzo(g,h,i)perylene

Concen: 1.17 ng

RT: 24.49 min Scan# 3405

Delta R.T. -0.00 min

Lab File: BE090996.D

Acq: 8 Oct 2015 10:36

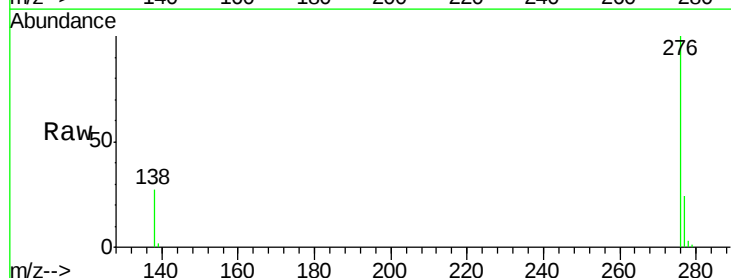
Tgt Ion:276 Resp: 127410

Ion Ratio Lower Upper

276 100

277 23.8 18.6 28.0

138 27.1 20.4 30.6



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

