

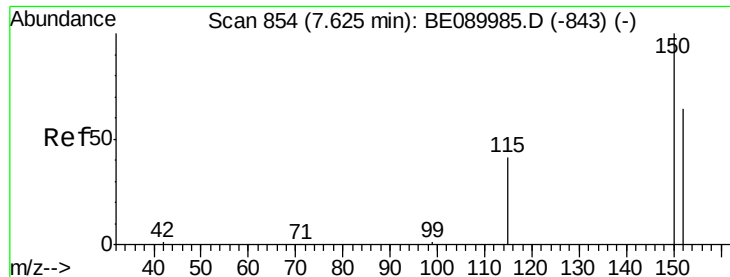
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062915\
 Data File : BE089995.D
 Acq On : 29 Jun 2015 22:43
 Operator : TP/IZ
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001EC

Quant Time: Jun 30 07:03:48 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BE062915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 30 07:01:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	18452	5.00	ng	0.00
6) Naphthalene-d8	10.38	136	77244	5.00	ng	0.00
12) Acenaphthene-d10	14.23	164	45593	5.00	ng	0.00
18) Phenanthrene-d10	16.98	188	112365	5.00	ng	0.00
25) Chrysene-d12	21.13	240	142268	5.00	ng	0.00
32) Perylene-d12	23.46	264	133254	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	3408	0.80	ng	0.00
5) Phenol-d6	6.80	99	4857	0.82	ng	0.00
7) Nitrobenzene-d5	8.76	82	5385	0.88	ng	0.00
13) 2,4,6-Tribromophenol	15.73	330	835	0.62	ng	0.00
14) 2-Fluorobiphenyl	12.86	172	13436	0.98	ng	0.00
27) Terphenyl-d14	19.59	244	22709	0.96	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.24	88	2565	1.01	ng	94
3) n-Nitrosodimethylamine	3.53	42	3137	0.91	ng	# 93
8) Nitrobenzene	8.80	77	5779	0.89	ng	98
9) Naphthalene	10.43	128	16789	0.96	ng	99
10) Hexachlorobutadiene	10.72	225	2785	1.01	ng	99
11) 2-Methylnaphthalene	12.04	142	11106	0.95	ng	99
15) Acenaphthylene	13.95	152	77947	0.95	ng	100
16) Acenaphthene	14.29	154	11510	0.97	ng	97
17) Fluorene	15.29	166	15368	0.95	ng	99
19) 4-Bromophenyl-phenylether	16.18	248	4656	0.97	ng	99
20) Hexachlorobenzene	16.30	284	19458	0.98	ng	99
21) Pentachlorophenol	16.63	266	1076	0.67	ng	93
22) Phenanthrene	17.01	178	28086	0.98	ng	100
23) Anthracene	17.10	178	24744	0.94	ng	99
24) Fluoranthene	19.01	202	30924	0.96	ng	100
26) Pyrene	19.38	202	32168	0.95	ng	100
28) Benzo(a)anthracene	21.11	228	33200	0.93	ng	100
29) Chrysene	21.16	228	35973	0.98	ng	98
30) Bis(2-ethylhexyl)phthalate	21.07	149	5339	0.61	ng	100
31) Indeno(1,2,3-cd)pyrene	25.87	276	30928	0.87	ng	100
33) Benzo(b)fluoranthene	22.75	252	27957	0.95	ng	99
34) Benzo(k)fluoranthene	22.79	252	32313	0.98	ng	99
35) Benzo(a)pyrene	23.35	252	25081	0.92	ng	99
36) Dibenzo(a,h)anthracene	25.89	278	25169	0.90	ng	99
37) Benzo(g,h,i)perylene	26.61	276	25464	0.90	ng	100

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



#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.63 min Scan# 854

Delta R.T. 0.00 min

Lab File: BE089995.D

Acq: 29 Jun 2015 22:43

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

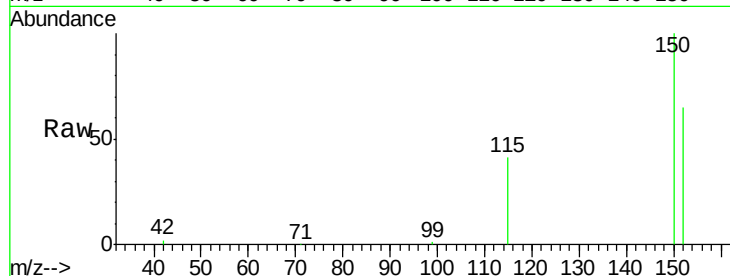
Tgt Ion:152 Resp: 18452

Ion Ratio Lower Upper

152 100

150 153.2 123.9 185.9

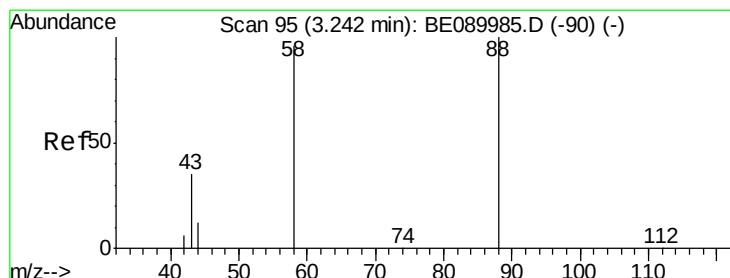
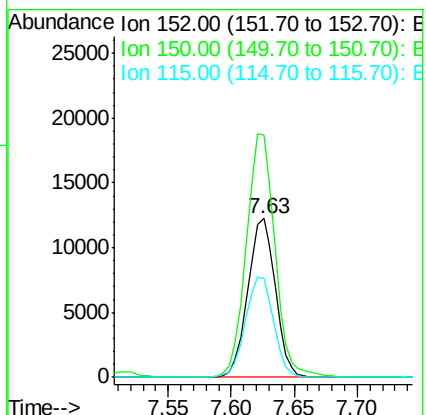
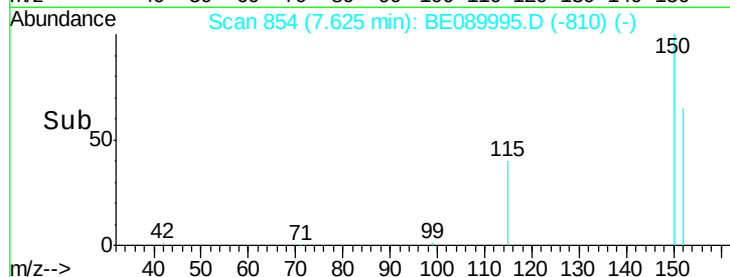
115 62.1 50.6 76.0



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: 1.01 ng

RT: 3.24 min Scan# 95

Delta R.T. -0.00 min

Lab File: BE089995.D

Acq: 29 Jun 2015 22:43

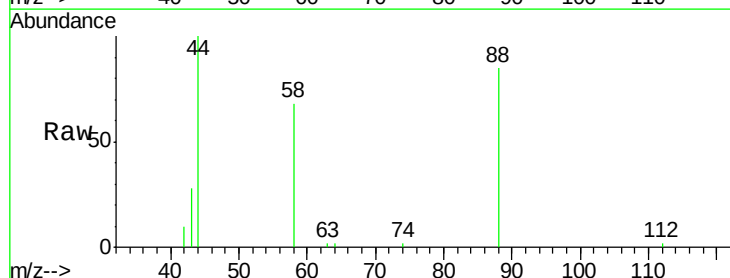
Tgt Ion: 88 Resp: 2565

Ion Ratio Lower Upper

88 100

58 82.3 70.9 106.3

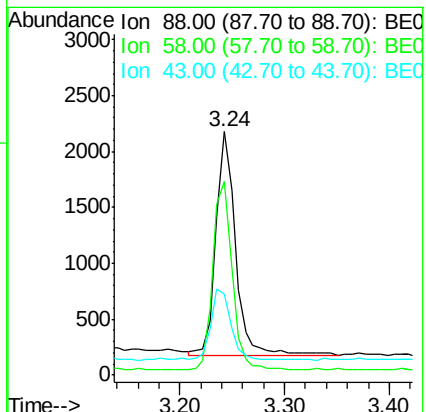
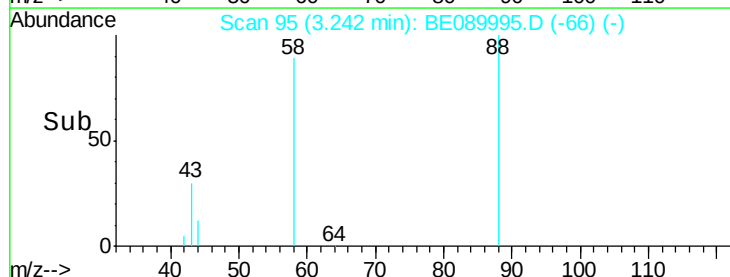
43 31.9 27.6 41.4

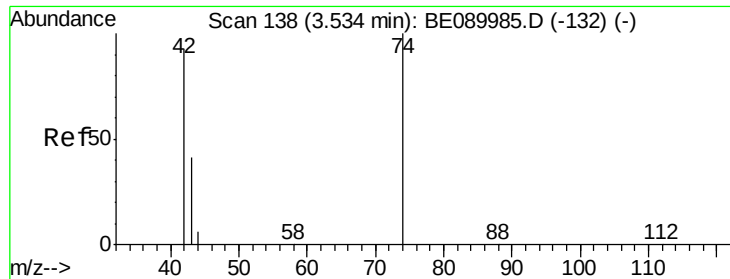


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.91 ng

RT: 3.53 min Scan# 138

Delta R.T. -0.00 min

Lab File: BE089995.D

Acq: 29 Jun 2015 22:43

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

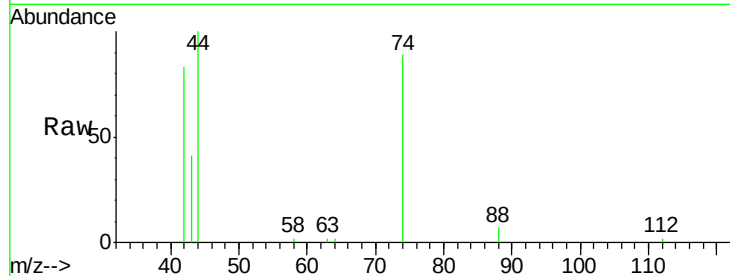
Tgt Ion: 42 Resp: 3137

Ion Ratio Lower Upper

42 100

74 104.6 89.4 134.2

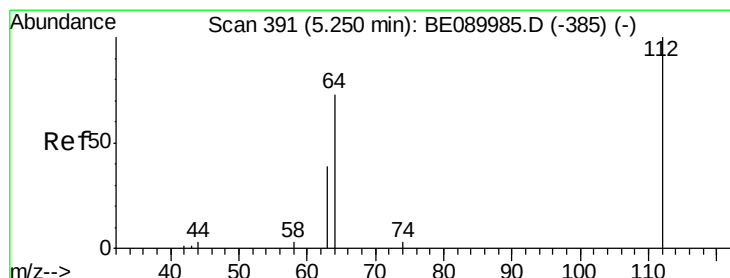
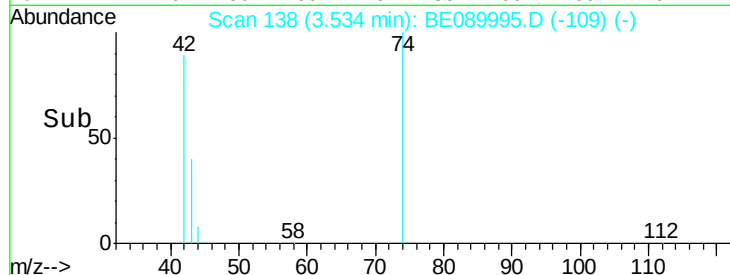
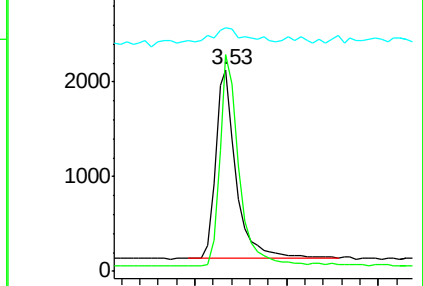
44 12.8 6.9 10.3#



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: 0.80 ng

RT: 5.25 min Scan# 391

Delta R.T. -0.00 min

Lab File: BE089995.D

Acq: 29 Jun 2015 22:43

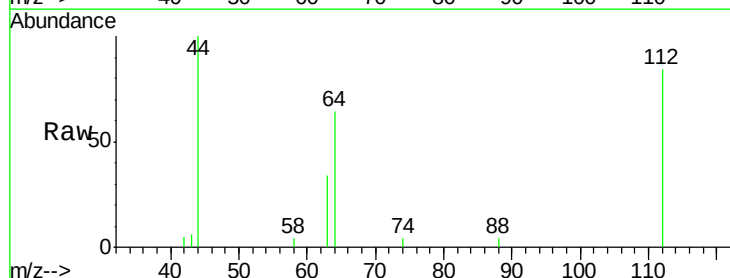
Tgt Ion: 112 Resp: 3408

Ion Ratio Lower Upper

112 100

64 70.5 56.3 84.5

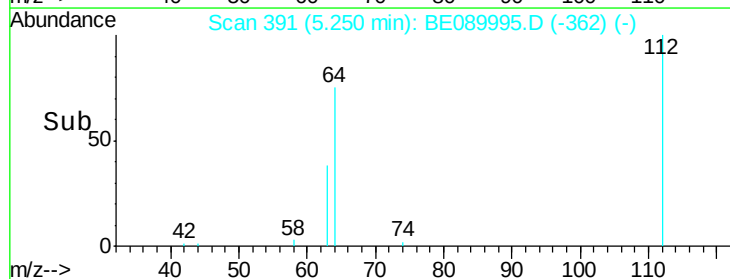
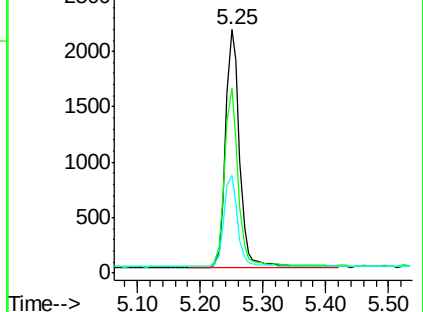
63 36.8 29.8 44.6

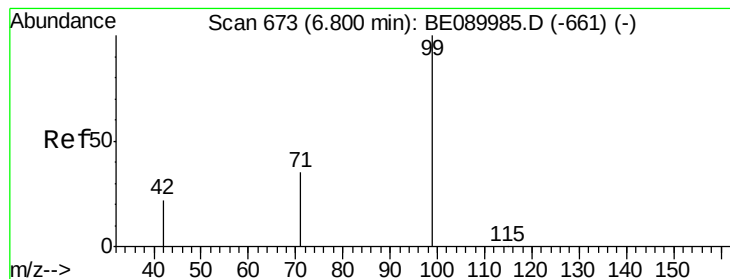


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.82 ng

RT: 6.80 min Scan# 672

Delta R.T. -0.00 min

Lab File: BE089995.D

Acq: 29 Jun 2015 22:43

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

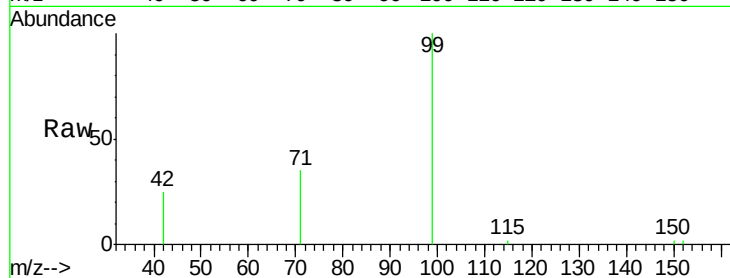
Tgt Ion: 99 Resp: 4857

Ion Ratio Lower Upper

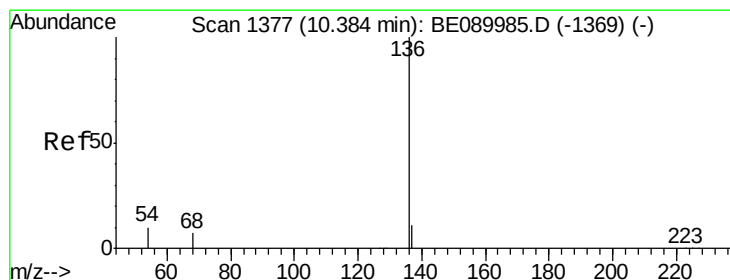
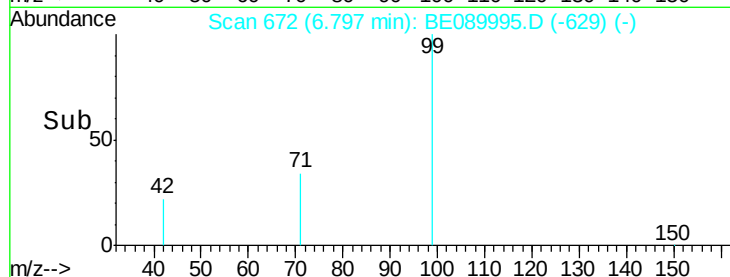
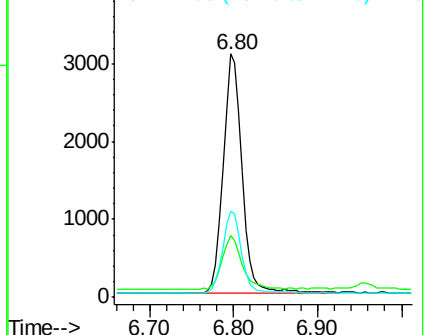
99 100

42 23.5 18.7 28.1

71 34.0 27.5 41.3



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: 10.38 min Scan# 1376

Delta R.T. -0.01 min

Lab File: BE089995.D

Acq: 29 Jun 2015 22:43

Tgt Ion: 136 Resp: 77244

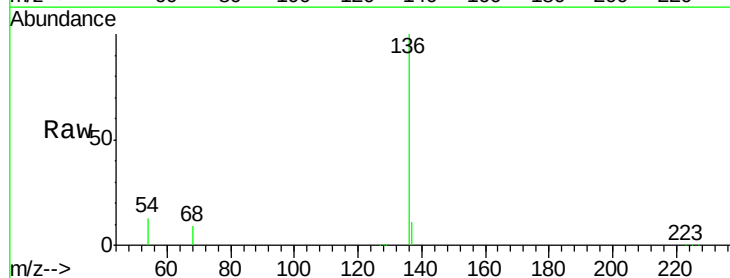
Ion Ratio Lower Upper

136 100

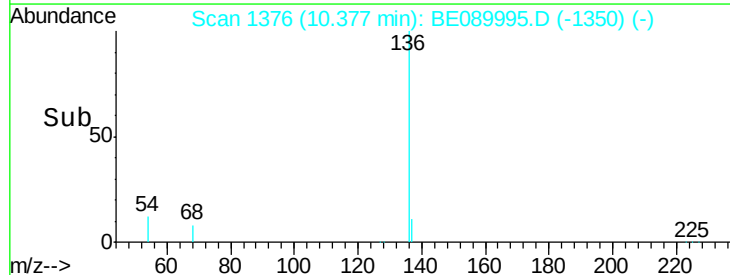
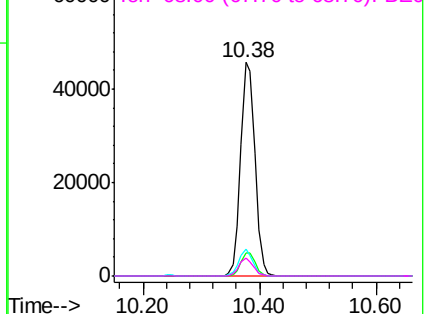
137 11.0 8.9 13.3

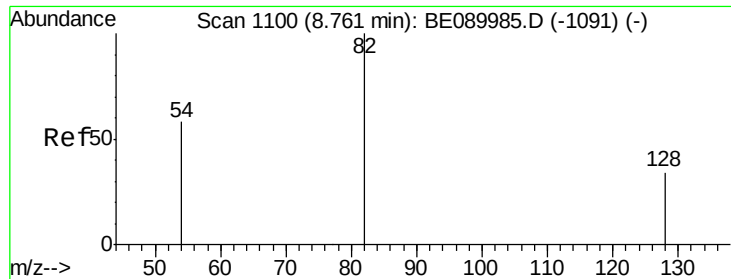
54 12.5 8.2 12.4#

68 8.5 5.8 8.8



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BE0
Ion 68.00 (67.70 to 68.70): BE0





#7

Nitrobenzene-d5

Concen: 0.88 ng

RT: 8.76 min Scan# 1100

Delta R.T. -0.00 min

Lab File: BE089995.D

Acq: 29 Jun 2015 22:43

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

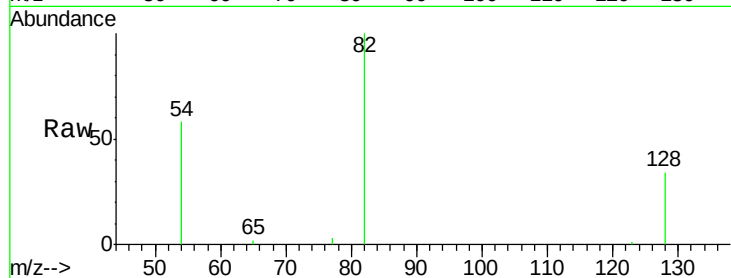
Tgt Ion: 82 Resp: 5385

Ion Ratio Lower Upper

82 100

128 33.5 28.0 42.0

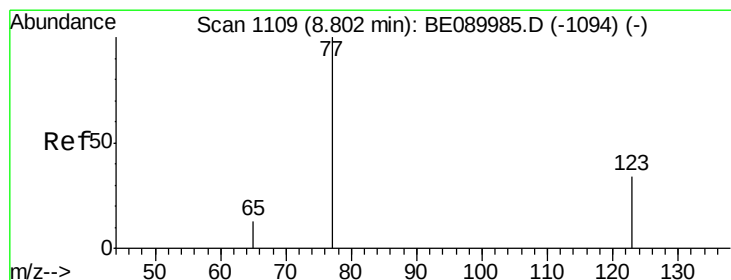
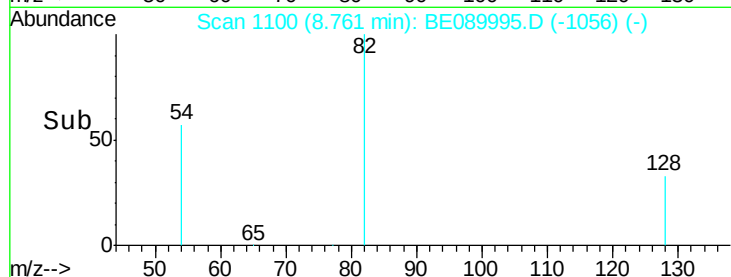
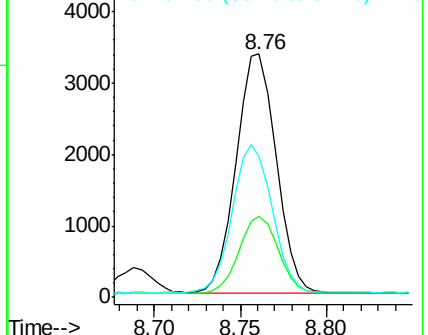
54 58.0 47.6 71.4



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#8

Nitrobenzene

Concen: 0.89 ng

RT: 8.80 min Scan# 1109

Delta R.T. -0.00 min

Lab File: BE089995.D

Acq: 29 Jun 2015 22:43

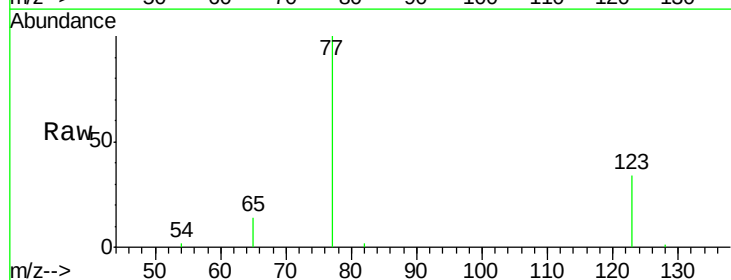
Tgt Ion: 77 Resp: 5779

Ion Ratio Lower Upper

77 100

123 32.7 27.4 41.0

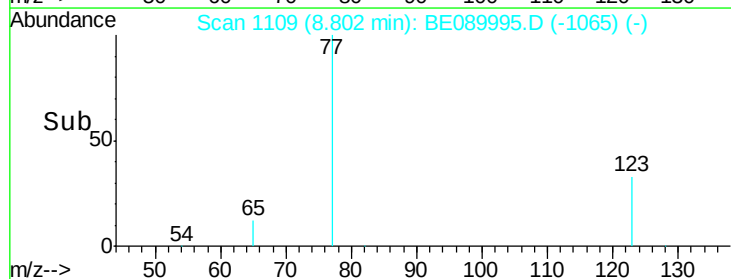
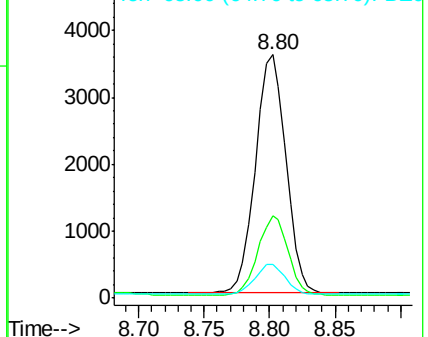
65 12.6 10.6 15.8

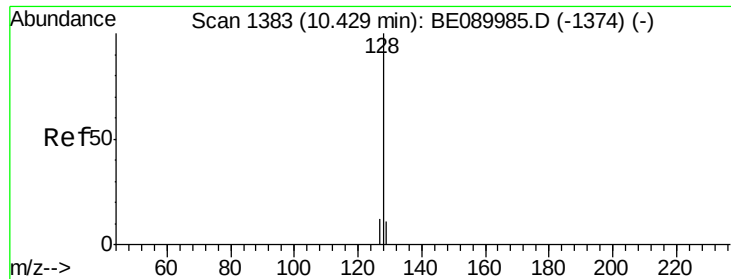


Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0





#9

Naphthalene

Concen: 0.96 ng

RT: 10.43 min Scan# 1383

Delta R.T. -0.00 min

Lab File: BE089995.D

Acq: 29 Jun 2015 22:43

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

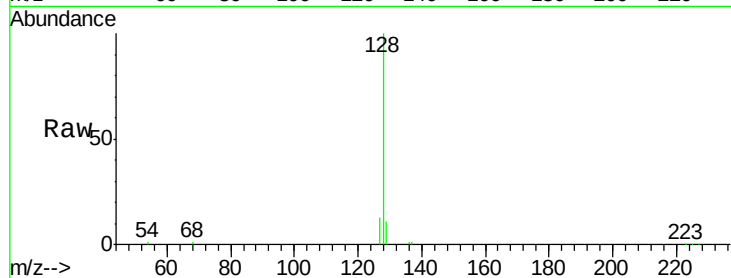
Tgt Ion:128 Resp: 16789

Ion Ratio Lower Upper

128 100

129 11.5 9.3 13.9

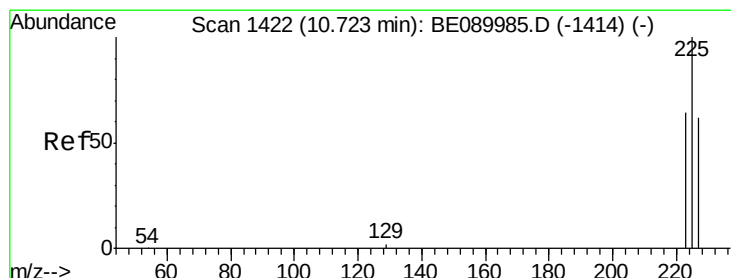
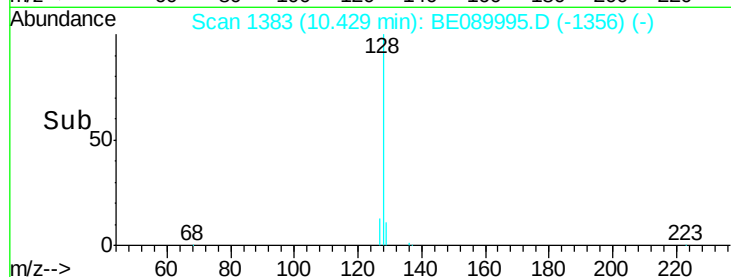
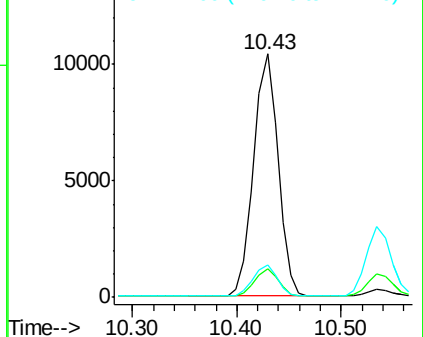
127 13.1 10.2 15.4



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: 1.01 ng

RT: 10.72 min Scan# 1422

Delta R.T. -0.00 min

Lab File: BE089995.D

Acq: 29 Jun 2015 22:43

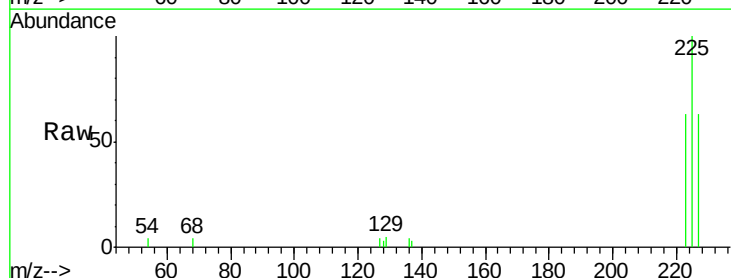
Tgt Ion:225 Resp: 2785

Ion Ratio Lower Upper

225 100

223 62.4 50.1 75.1

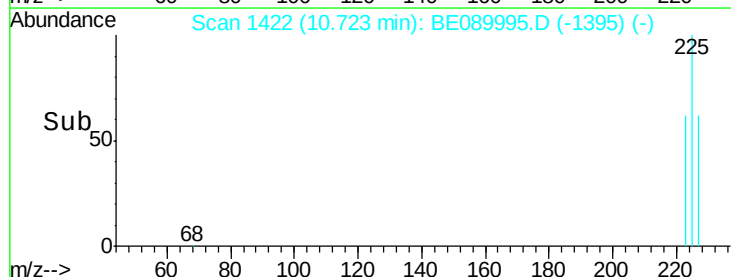
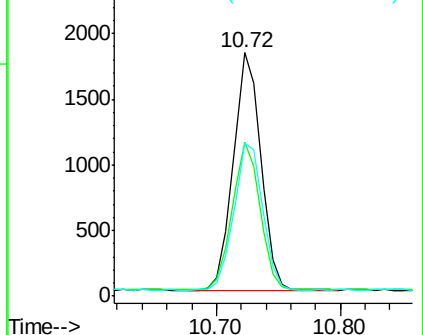
227 64.2 50.9 76.3

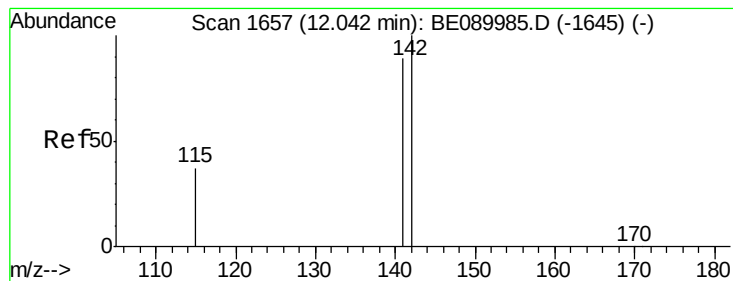


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 0.95 ng

RT: 12.04 min Scan# 1657

Delta R.T. -0.00 min

Lab File: BE089995.D

Acq: 29 Jun 2015 22:43

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

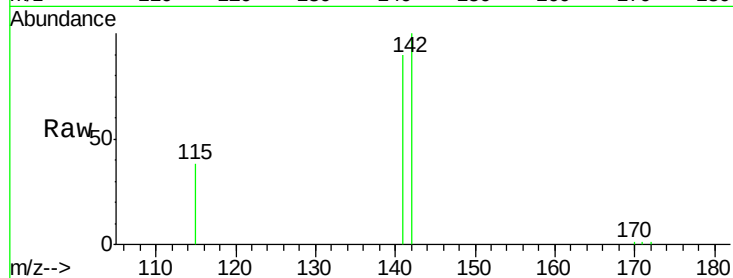
Tgt Ion:142 Resp: 11106

Ion Ratio Lower Upper

142 100

141 90.0 71.3 106.9

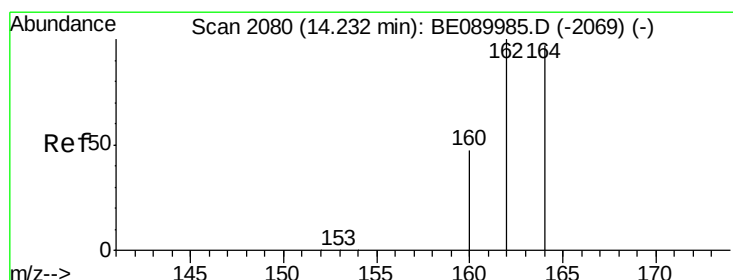
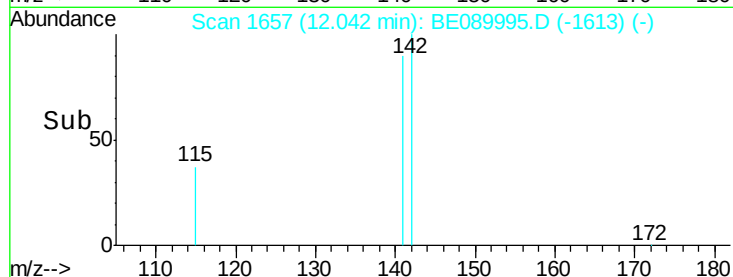
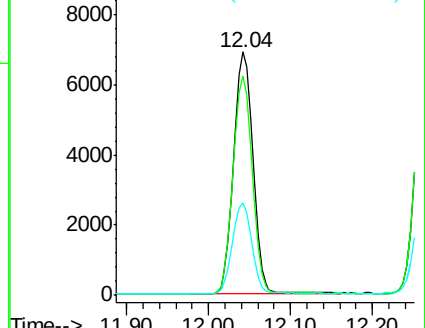
115 38.0 30.4 45.6



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: 14.23 min Scan# 2080

Delta R.T. 0.00 min

Lab File: BE089995.D

Acq: 29 Jun 2015 22:43

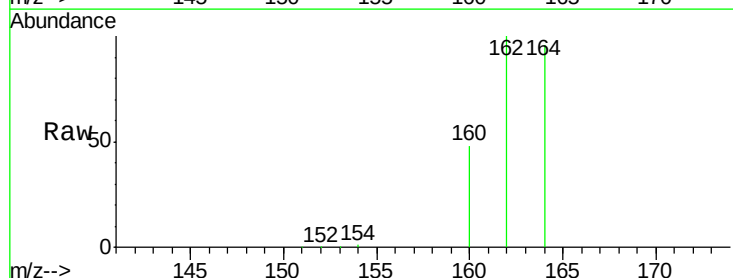
Tgt Ion:164 Resp: 45593

Ion Ratio Lower Upper

164 100

162 104.0 82.2 123.4

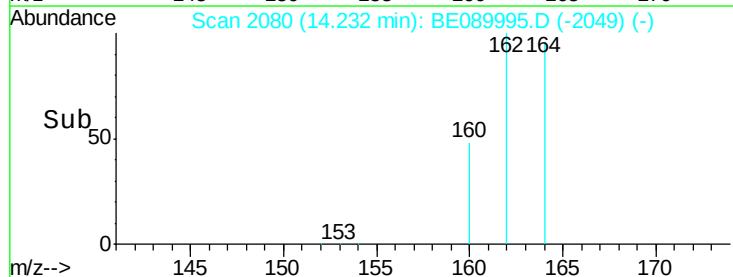
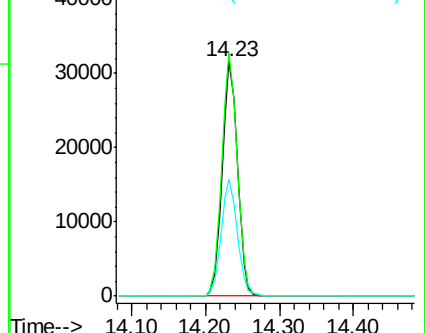
160 50.2 39.0 58.6

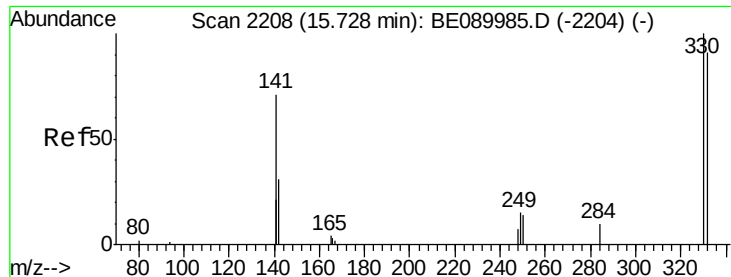


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

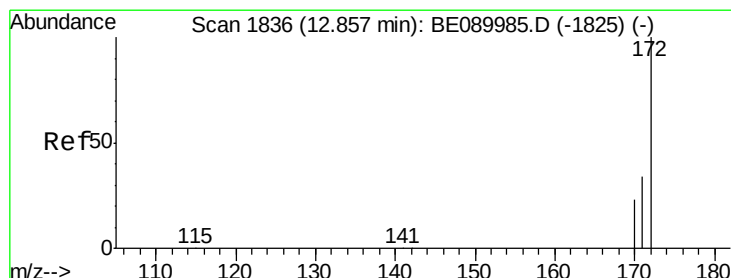
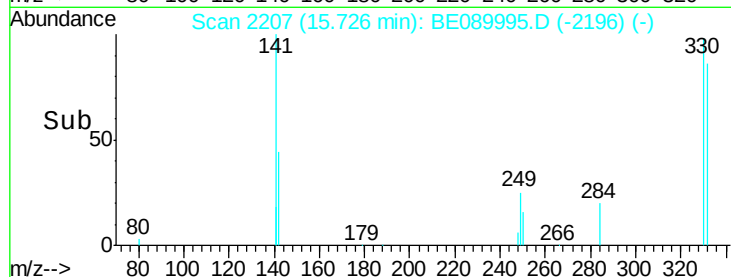
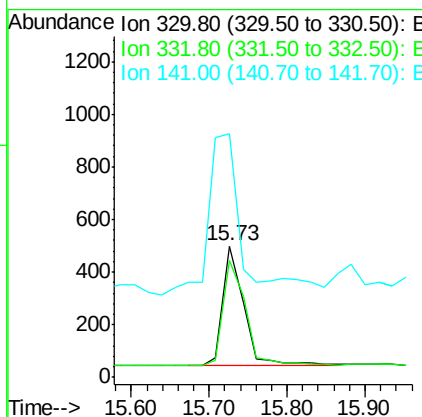
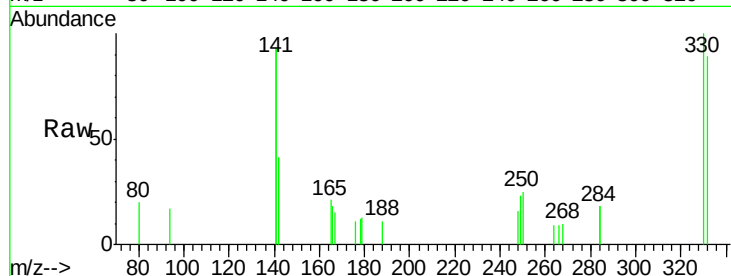




#13
 2,4,6-Tribromophenol
 Concen: 0.62 ng
 RT: 15.73 min Scan# 2207
 Delta R.T. -0.00 min
 Lab File: BE089995.D
 Acq: 29 Jun 2015 22:43

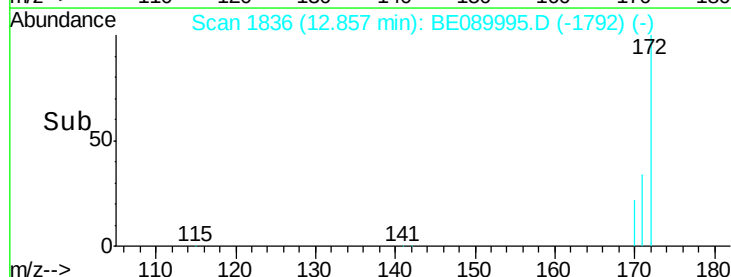
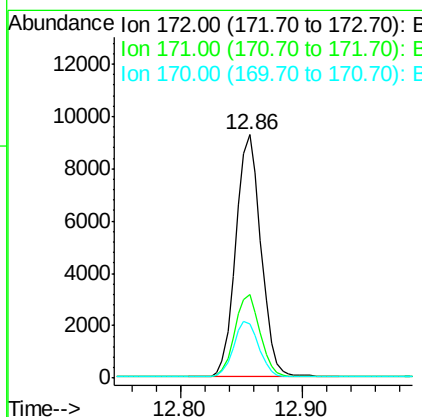
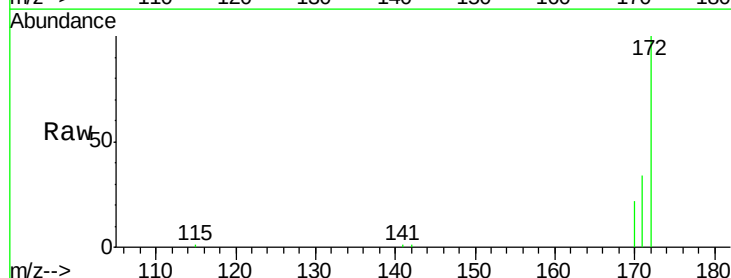
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001EC

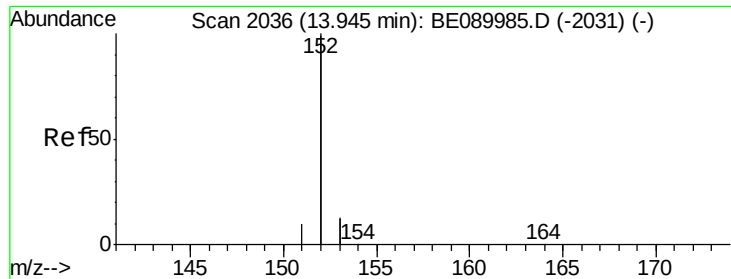
Tgt Ion: 330 Resp: 835
 Ion Ratio Lower Upper
 330 100
 332 98.9 76.4 114.6
 141 190.3 130.3 195.5



#14
 2-Fluorobiphenyl
 Concen: 0.98 ng
 RT: 12.86 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: BE089995.D
 Acq: 29 Jun 2015 22:43

Tgt Ion: 172 Resp: 13436
 Ion Ratio Lower Upper
 172 100
 171 34.2 27.8 41.6
 170 22.2 18.3 27.5





#15

Acenaphthylene

Concen: 0.95 ng

RT: 13.95 min Scan# 2036

Delta R.T. 0.00 min

Lab File: BE089995.D

Acq: 29 Jun 2015 22:43

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

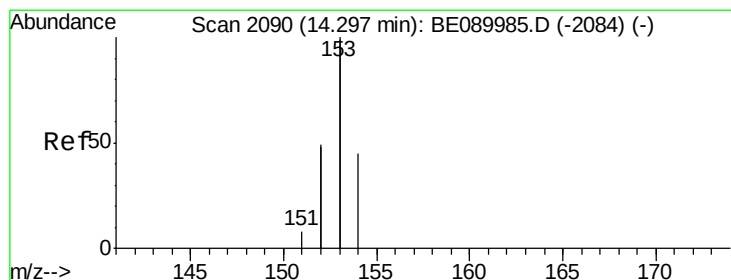
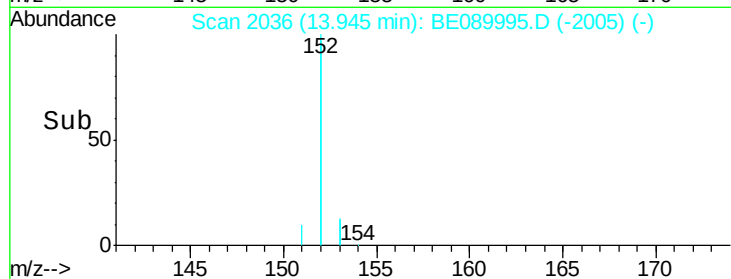
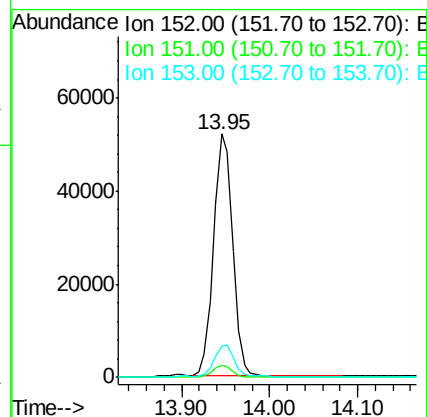
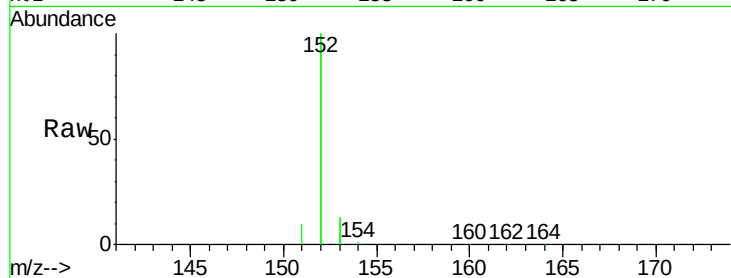
Tgt Ion:152 Resp: 77947

Ion Ratio Lower Upper

152 100

151 4.9 3.9 5.9

153 13.2 10.4 15.6



#16

Acenaphthene

Concen: 0.97 ng

RT: 14.29 min Scan# 2089

Delta R.T. -0.01 min

Lab File: BE089995.D

Acq: 29 Jun 2015 22:43

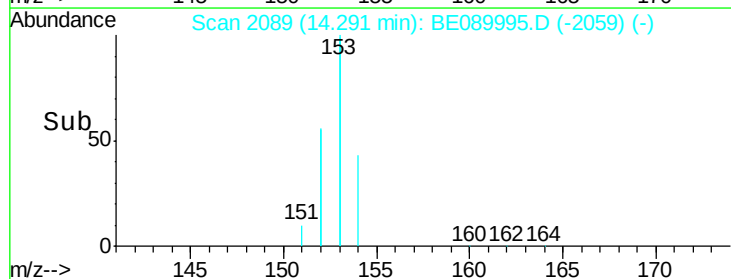
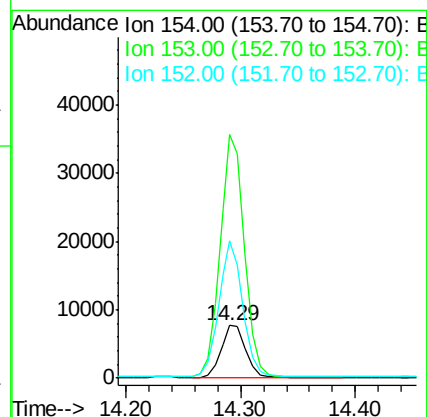
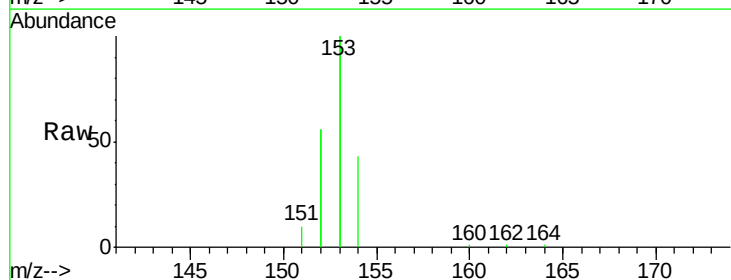
Tgt Ion:154 Resp: 11510

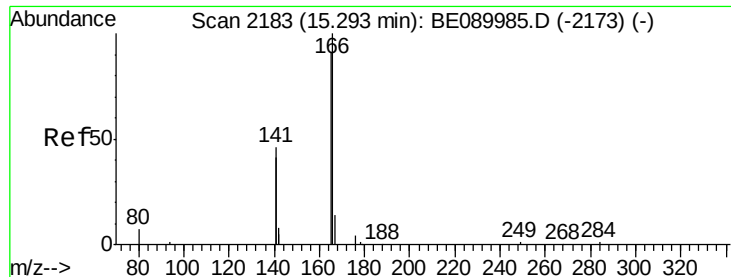
Ion Ratio Lower Upper

154 100

153 451.8 358.6 538.0

152 248.5 189.6 284.4

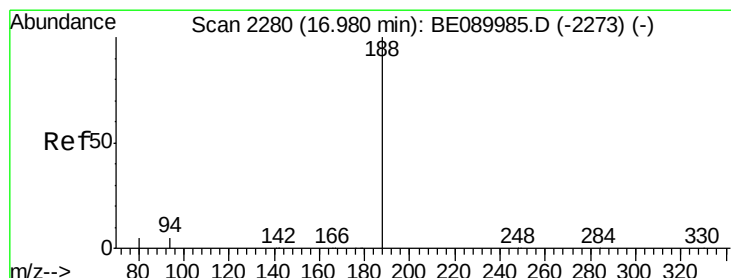
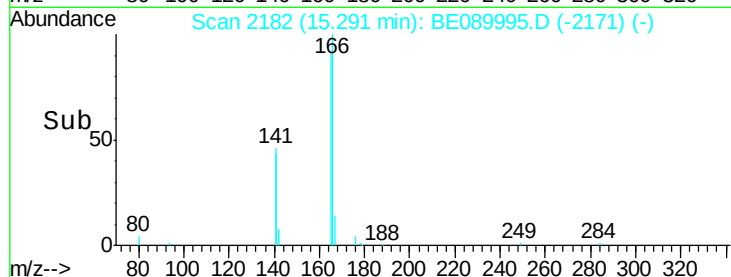
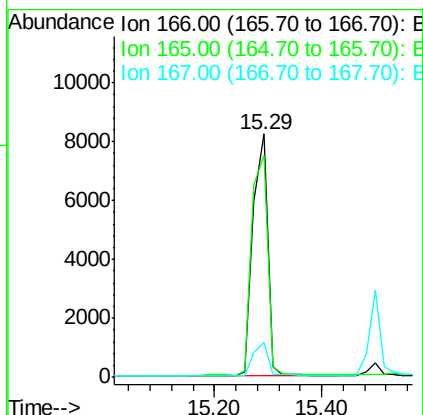
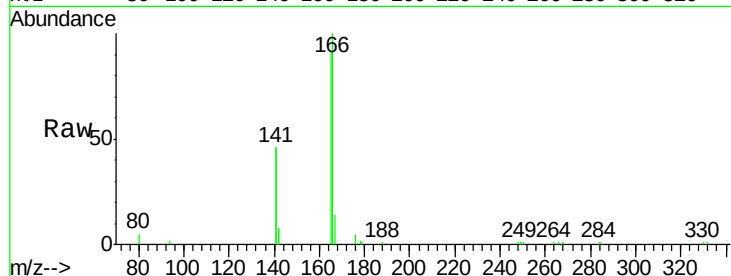




#17
Fluorene
 Concen: 0.95 ng
 RT: 15.29 min Scan# 2182
 Delta R.T. -0.00 min
 Lab File: BE089995.D
 Acq: 29 Jun 2015 22:43

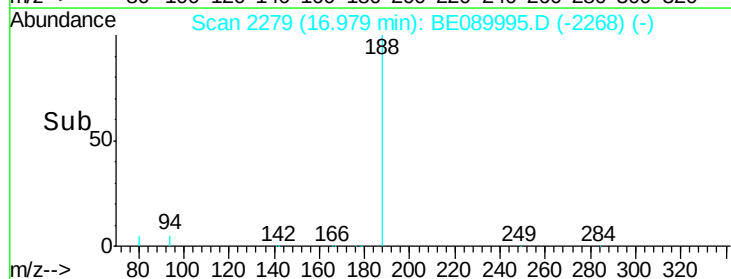
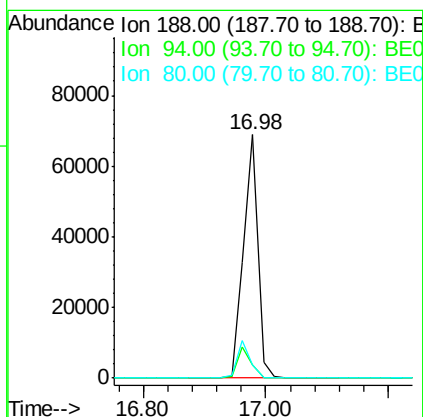
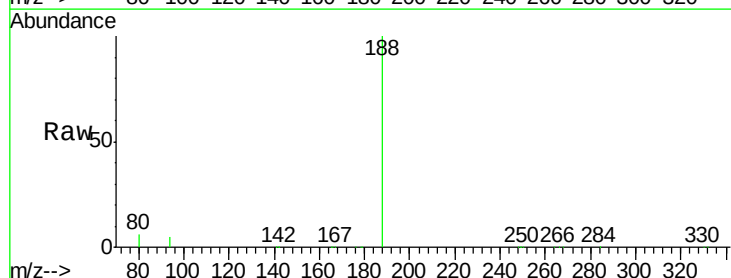
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001EC

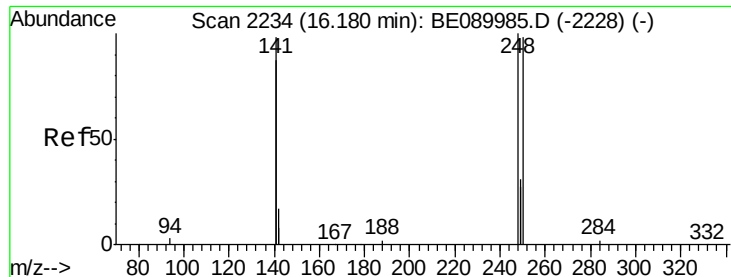
Tgt Ion:166 Resp: 15368
 Ion Ratio Lower Upper
 166 100
 165 99.5 79.0 118.6
 167 14.4 11.8 17.8



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 16.98 min Scan# 2279
 Delta R.T. -0.00 min
 Lab File: BE089995.D
 Acq: 29 Jun 2015 22:43

Tgt Ion:188 Resp: 112365
 Ion Ratio Lower Upper
 188 100
 94 5.3 4.1 6.1
 80 5.6 4.2 6.2





#19

4-Bromophenyl-phenylether

Concen: 0.97 ng

RT: 16.18 min Scan# 2233

Delta R.T. -0.00 min

Lab File: BE089995.D

Acq: 29 Jun 2015 22:43

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

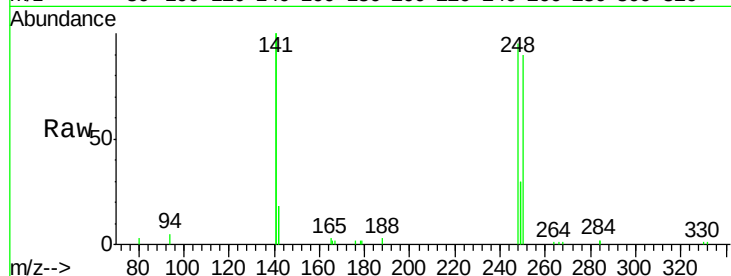
Tgt Ion:248 Resp: 4656

Ion Ratio Lower Upper

248 100

250 97.1 78.3 117.5

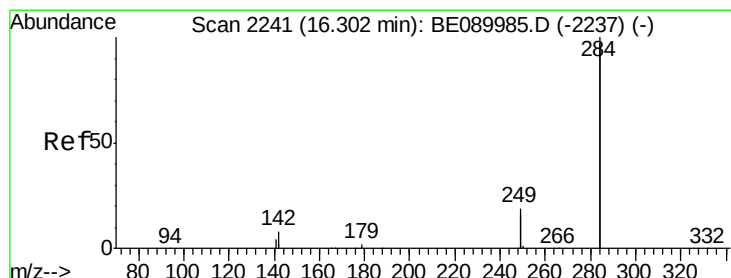
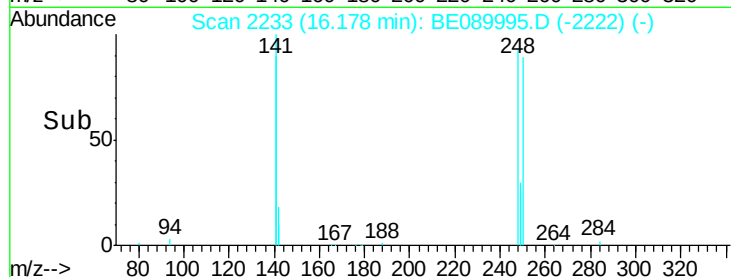
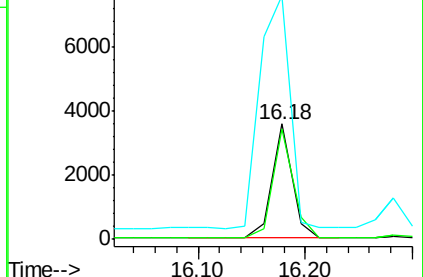
141 308.0 248.1 372.1



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: 16.30 min Scan# 2240

Delta R.T. -0.00 min

Lab File: BE089995.D

Acq: 29 Jun 2015 22:43

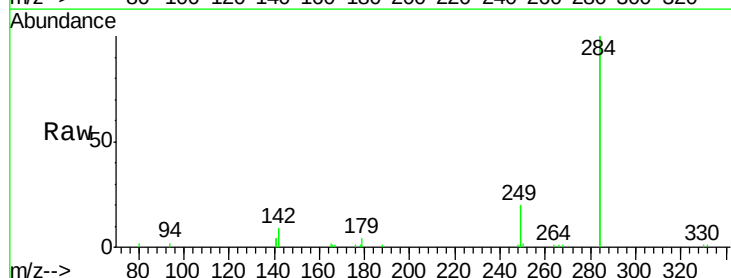
Tgt Ion:284 Resp: 19458

Ion Ratio Lower Upper

284 100

142 41.3 32.6 49.0

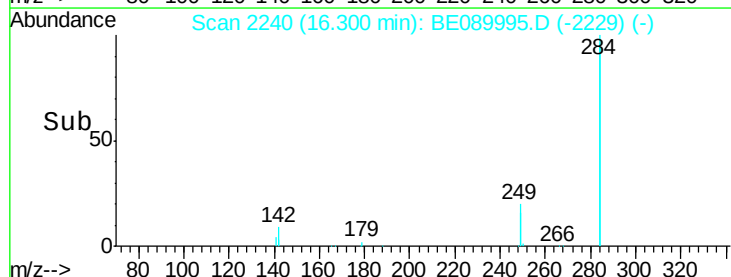
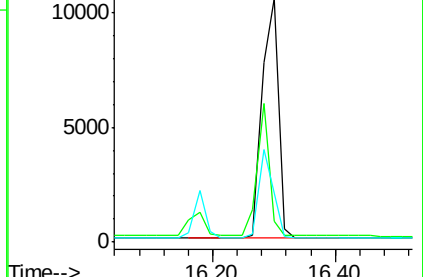
249 32.1 25.5 38.3

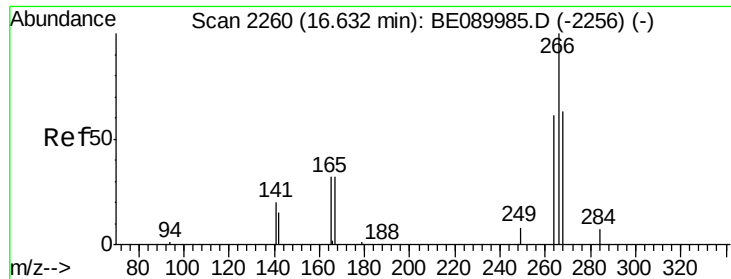


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#21

Pentachlorophenol

Concen: 0.67 ng

RT: 16.63 min Scan# 2259

Delta R.T. -0.00 min

Lab File: BE089995.D

Acq: 29 Jun 2015 22:43

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

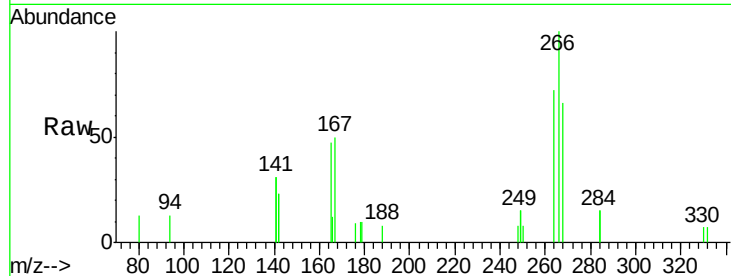
Tgt Ion:266 Resp: 1076

Ion Ratio Lower Upper

266 100

268 66.2 51.8 77.8

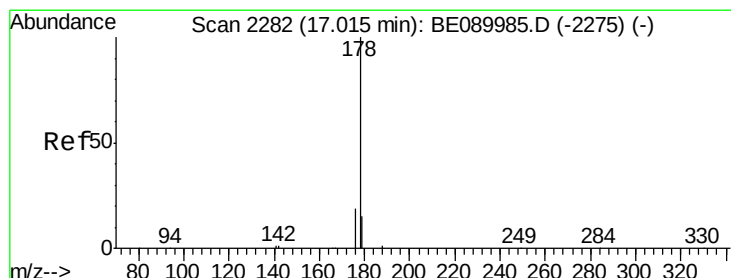
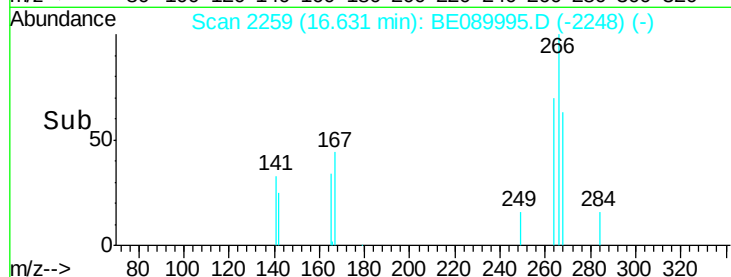
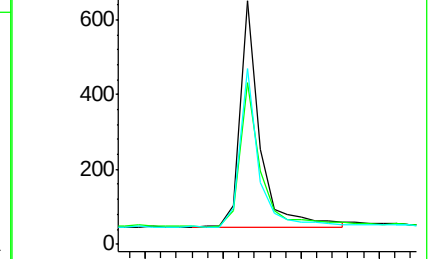
264 72.2 50.2 75.2



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: 17.01 min Scan# 2281

Delta R.T. -0.00 min

Lab File: BE089995.D

Acq: 29 Jun 2015 22:43

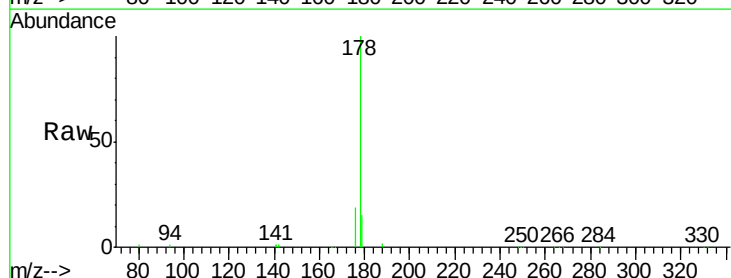
Tgt Ion:178 Resp: 28086

Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

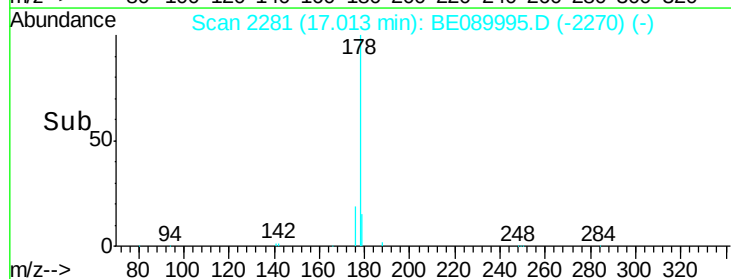
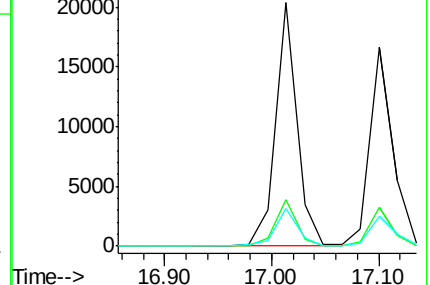
179 15.4 12.4 18.6

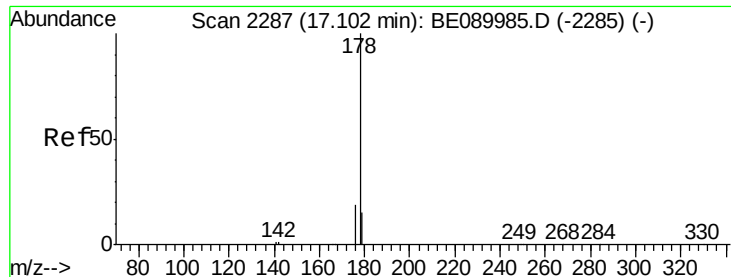


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Anthracene

Concen: 0.94 ng

RT: 17.10 min Scan# 2286

Delta R.T. -0.00 min

Lab File: BE089995.D

Acq: 29 Jun 2015 22:43

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

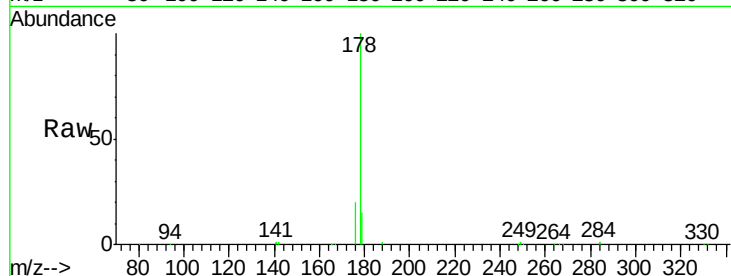
Tgt Ion:178 Resp: 24744

Ion Ratio Lower Upper

178 100

176 18.8 14.7 22.1

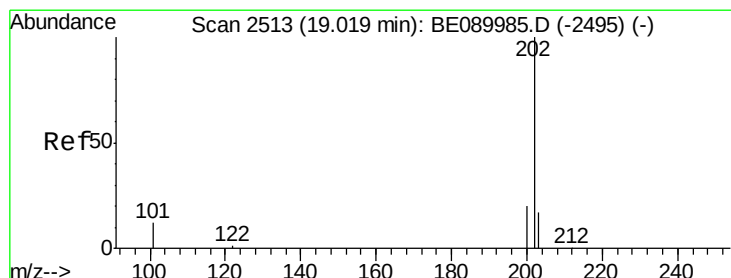
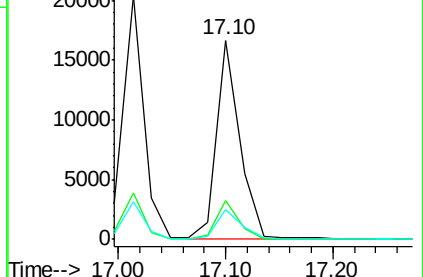
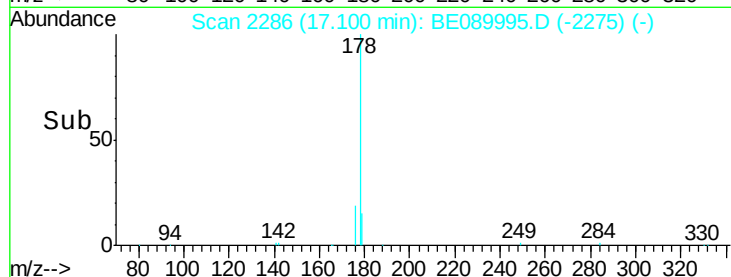
179 15.4 12.1 18.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Fluoranthene

Concen: 0.96 ng

RT: 19.01 min Scan# 2511

Delta R.T. -0.01 min

Lab File: BE089995.D

Acq: 29 Jun 2015 22:43

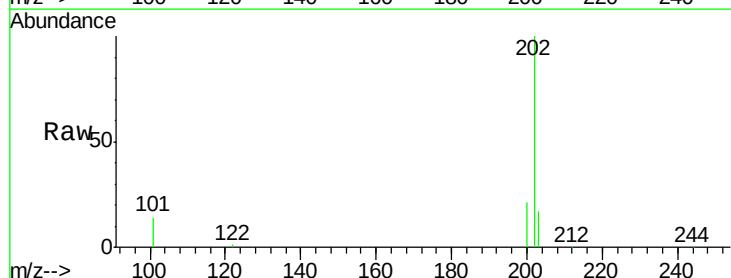
Tgt Ion:202 Resp: 30924

Ion Ratio Lower Upper

202 100

101 13.0 10.6 15.8

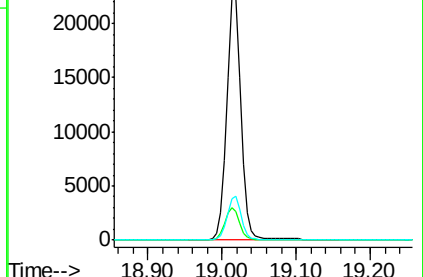
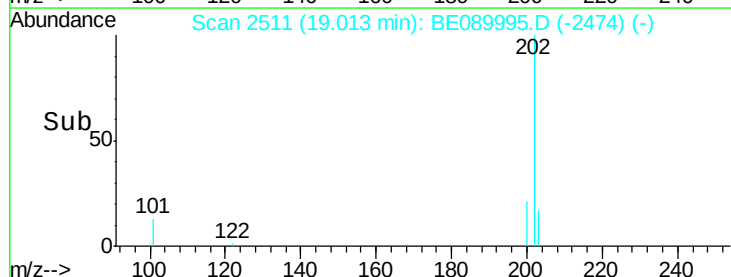
203 17.3 13.8 20.6

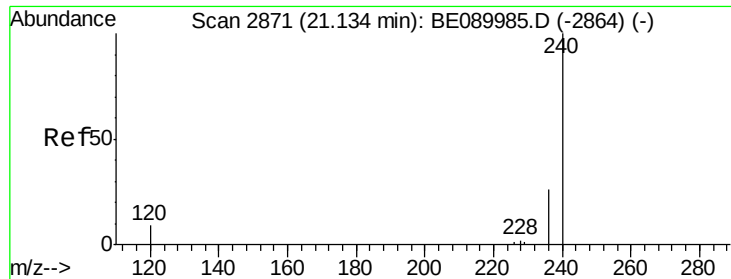


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.13 min Scan# 2869

Delta R.T. -0.01 min

Lab File: BE089995.D

Acq: 29 Jun 2015 22:43

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

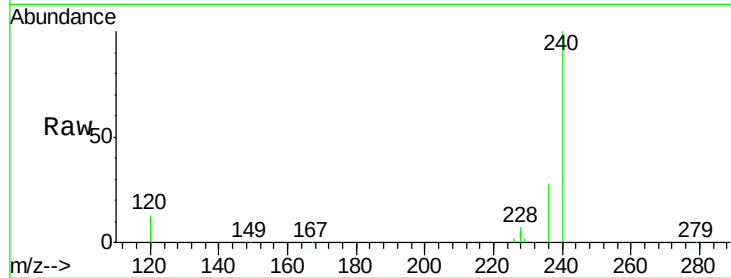
Tgt Ion:240 Resp: 142268

Ion Ratio Lower Upper

240 100

120 13.4 6.9 10.3#

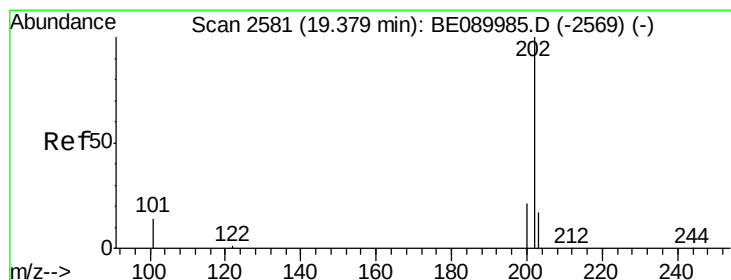
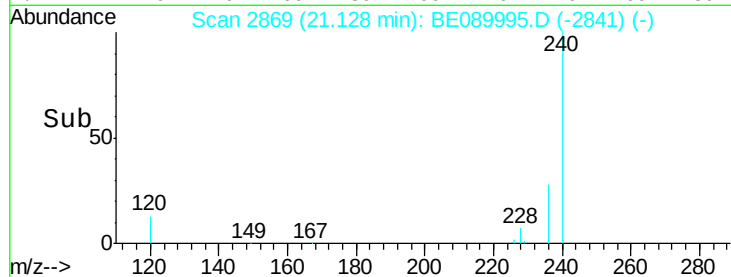
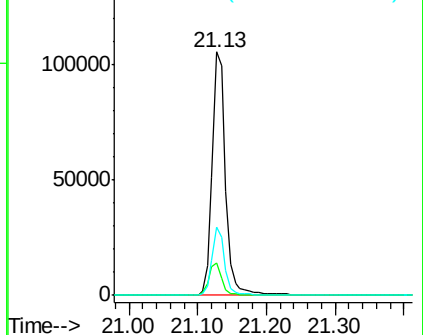
236 27.8 20.8 31.2



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: 0.95 ng

RT: 19.38 min Scan# 2580

Delta R.T. 0.00 min

Lab File: BE089995.D

Acq: 29 Jun 2015 22:43

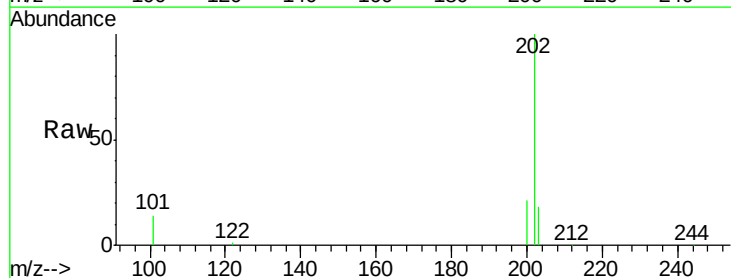
Tgt Ion:202 Resp: 32168

Ion Ratio Lower Upper

202 100

200 20.9 16.8 25.2

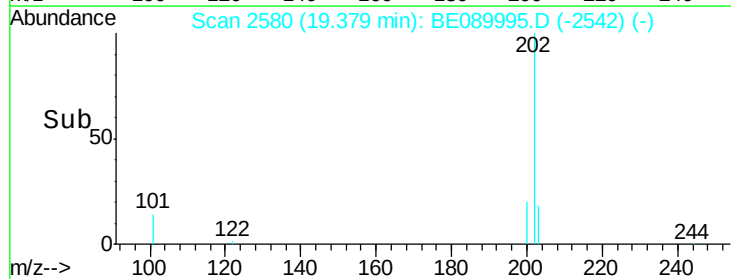
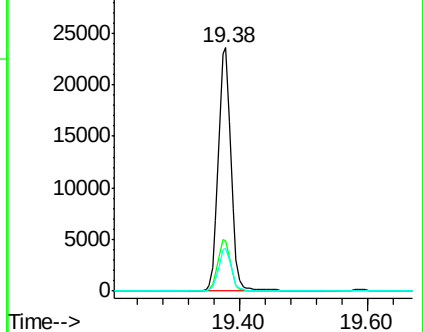
203 17.5 13.9 20.9

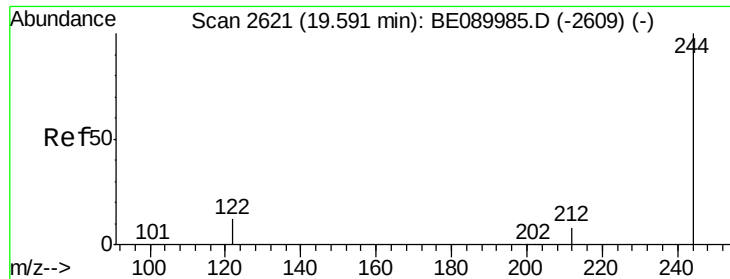


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

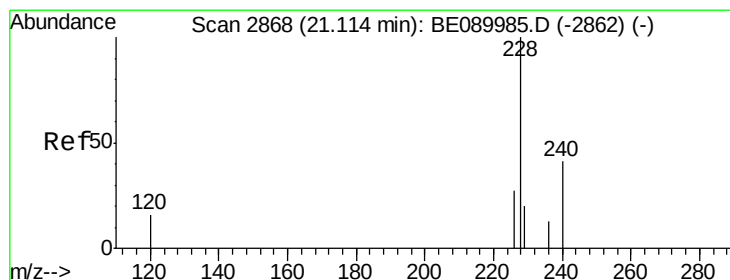
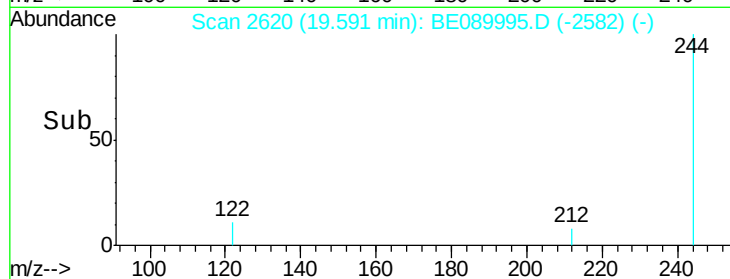
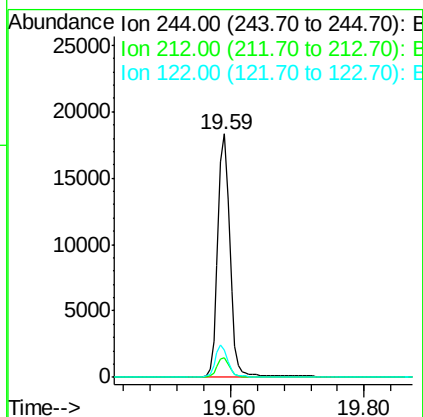
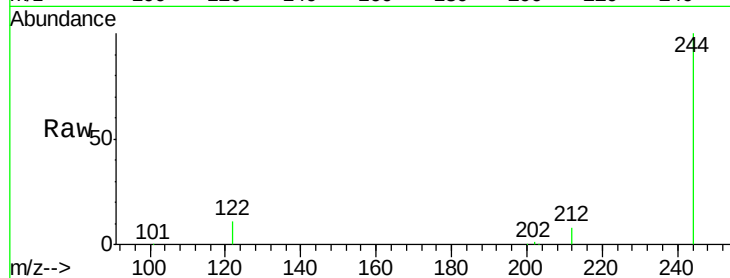




#27
 Terphenyl-d14
 Concen: 0.96 ng
 RT: 19.59 min Scan# 2620
 Delta R.T. 0.00 min
 Lab File: BE089995.D
 Acq: 29 Jun 2015 22:43

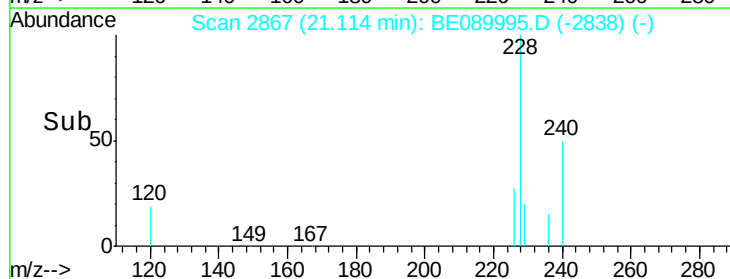
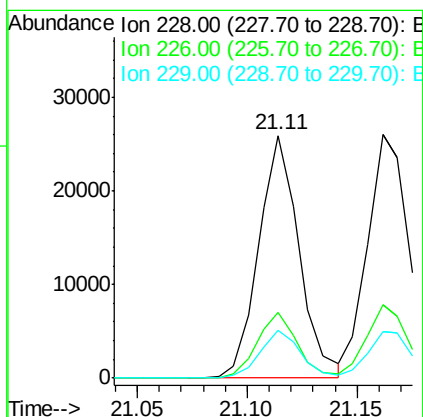
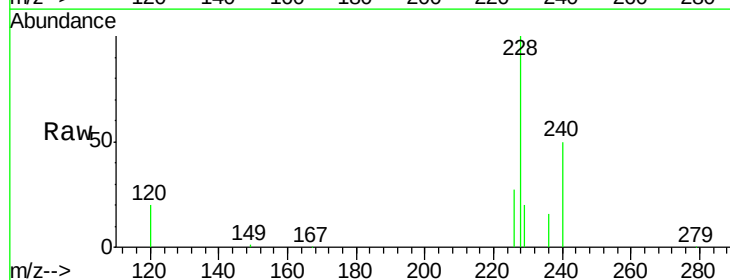
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001EC

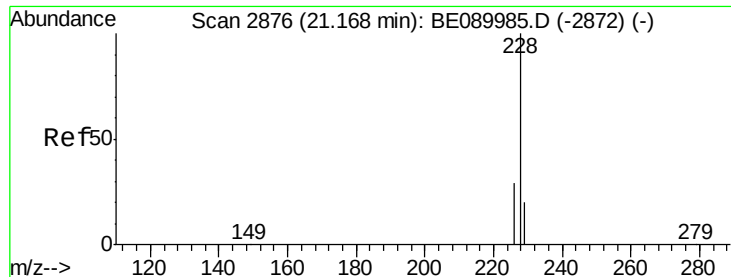
Tgt Ion: 244 Resp: 22709
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.6 9.8
 122 11.4 9.8 14.8



#28
 Benzo(a)anthracene
 Concen: 0.93 ng
 RT: 21.11 min Scan# 2867
 Delta R.T. 0.00 min
 Lab File: BE089995.D
 Acq: 29 Jun 2015 22:43

Tgt Ion: 228 Resp: 33200
 Ion Ratio Lower Upper
 228 100
 226 26.8 21.8 32.6
 229 19.7 15.8 23.6





#29

Chrysene

Concen: 0.98 ng

RT: 21.16 min Scan# 2874

Delta R.T. -0.01 min

Lab File: BE089995.D

Acq: 29 Jun 2015 22:43

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

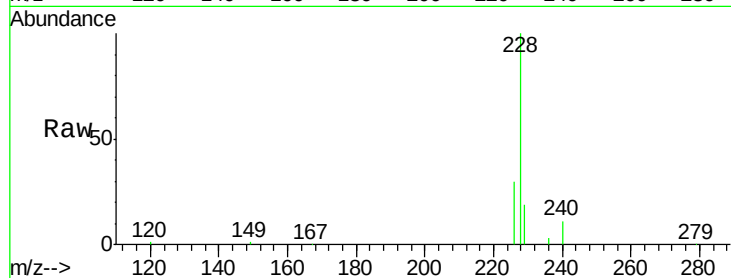
Tgt Ion:228 Resp: 35973

Ion Ratio Lower Upper

228 100

226 30.4 23.4 35.0

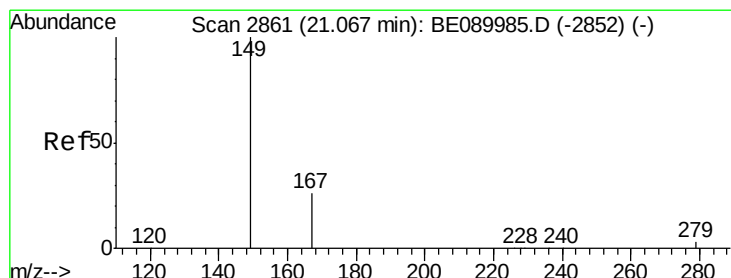
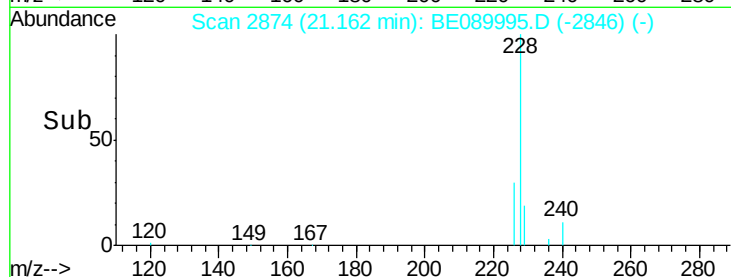
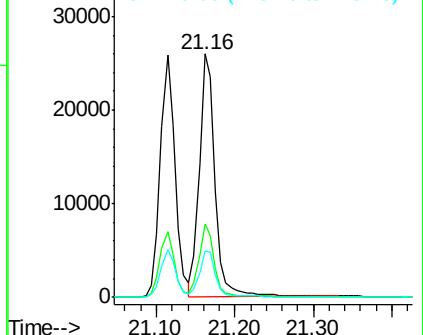
229 19.0 16.2 24.2



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: 0.61 ng

RT: 21.07 min Scan# 2860

Delta R.T. 0.00 min

Lab File: BE089995.D

Acq: 29 Jun 2015 22:43

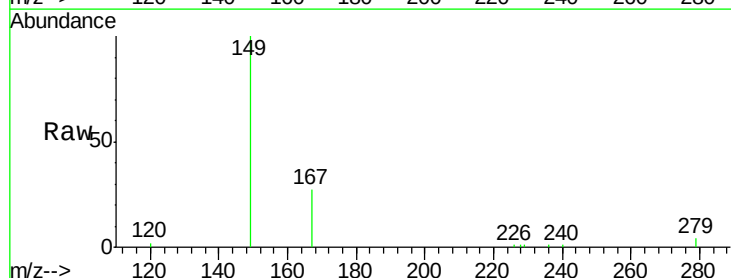
Tgt Ion:149 Resp: 5339

Ion Ratio Lower Upper

149 100

167 25.4 20.3 30.5

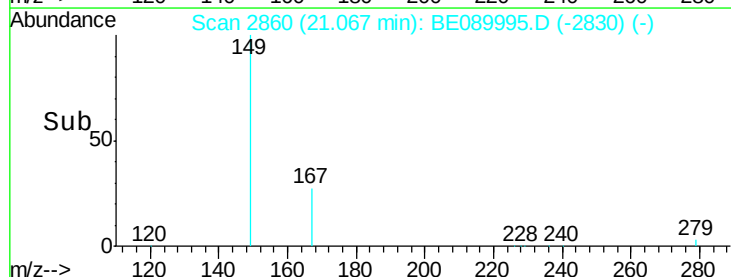
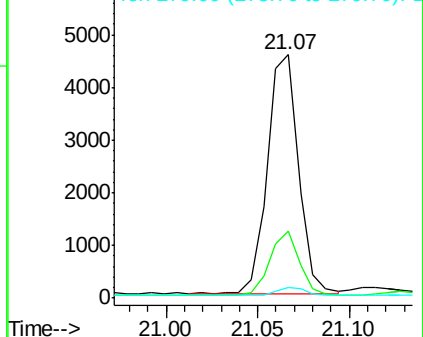
279 3.2 2.6 3.8

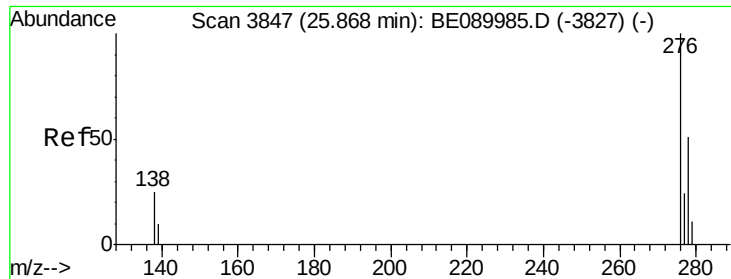


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#31

Indeno(1,2,3-cd)pyrene

Concen: 0.87 ng

RT: 25.87 min Scan# 3847

Delta R.T. 0.00 min

Lab File: BE089995.D

Acq: 29 Jun 2015 22:43

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

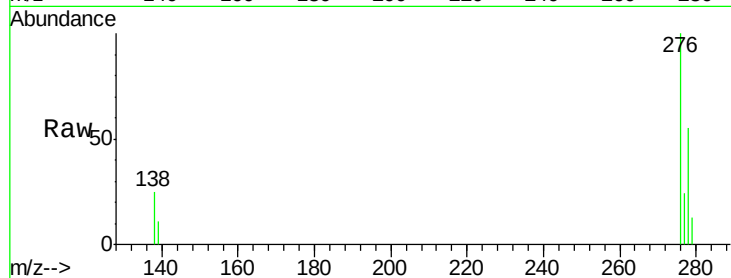
Tgt Ion:276 Resp: 30928

Ion Ratio Lower Upper

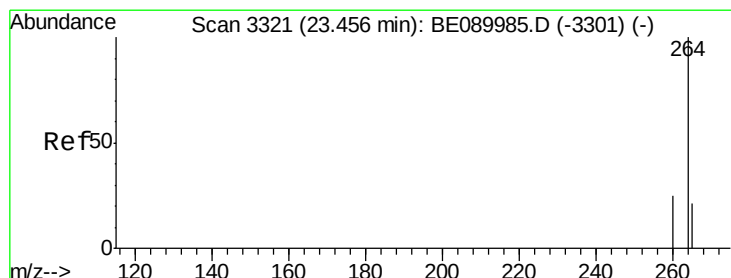
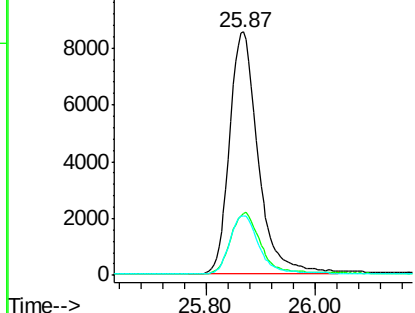
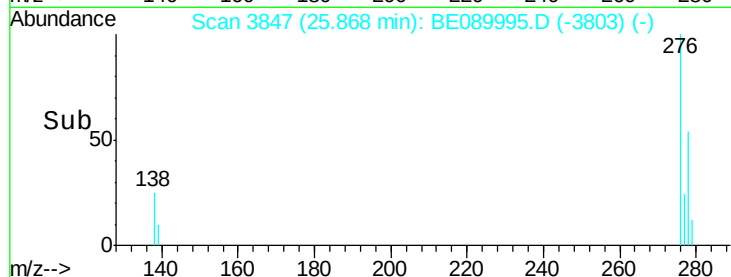
276 100

138 26.5 21.3 31.9

277 24.8 19.7 29.5



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: 23.46 min Scan# 3321

Delta R.T. 0.00 min

Lab File: BE089995.D

Acq: 29 Jun 2015 22:43

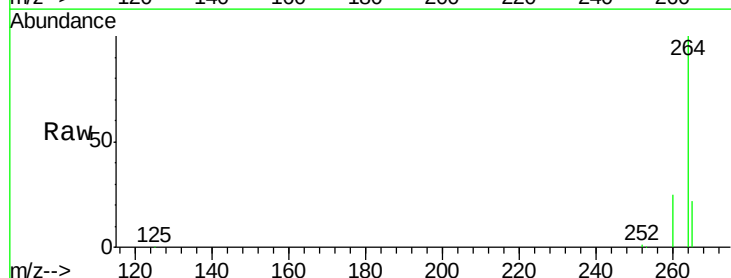
Tgt Ion:264 Resp: 133254

Ion Ratio Lower Upper

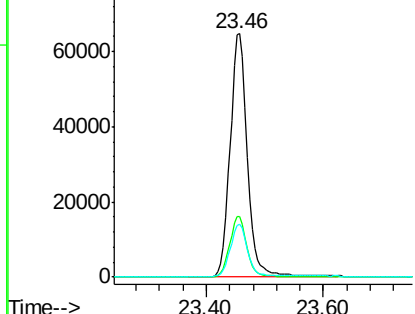
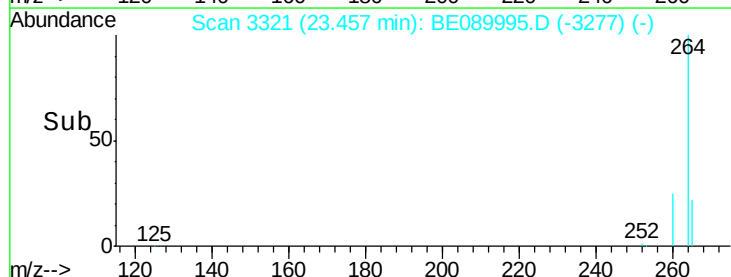
264 100

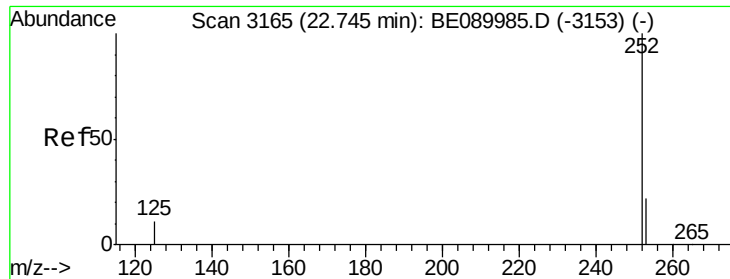
260 25.1 20.2 30.2

265 21.9 17.1 25.7



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: 0.95 ng

RT: 22.75 min Scan# 3165

Delta R.T. 0.00 min

Lab File: BE089995.D

Acq: 29 Jun 2015 22:43

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

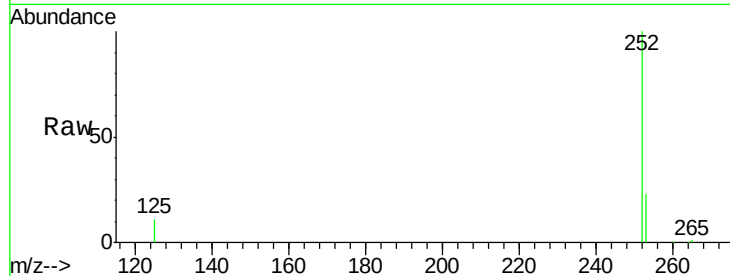
Tgt Ion:252 Resp: 27957

Ion Ratio Lower Upper

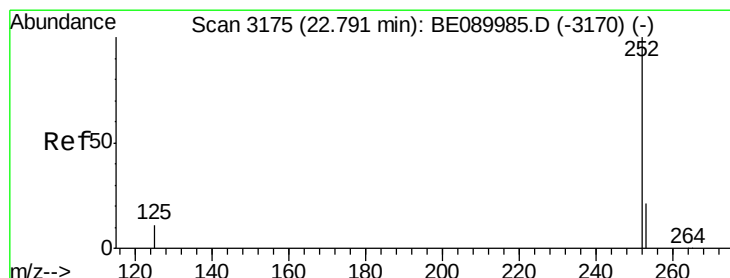
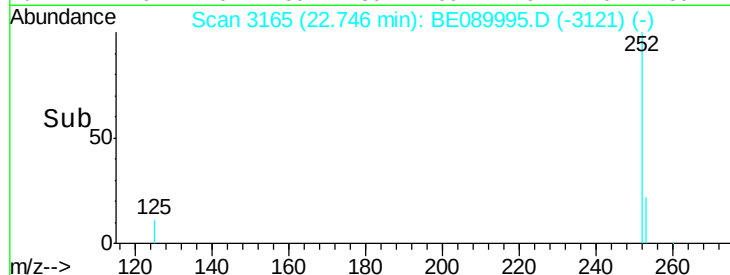
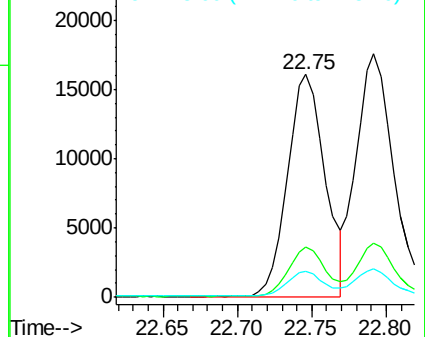
252 100

253 22.5 17.8 26.8

125 11.5 9.0 13.4



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: 0.98 ng

RT: 22.79 min Scan# 3175

Delta R.T. 0.00 min

Lab File: BE089995.D

Acq: 29 Jun 2015 22:43

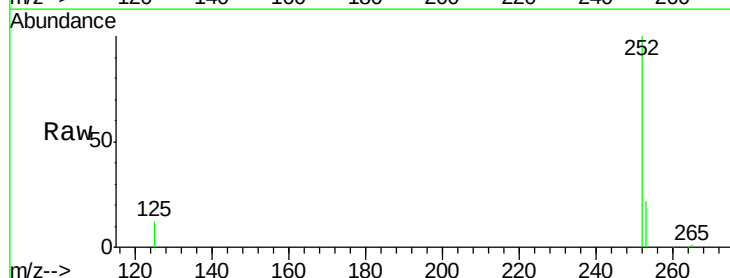
Tgt Ion:252 Resp: 32313

Ion Ratio Lower Upper

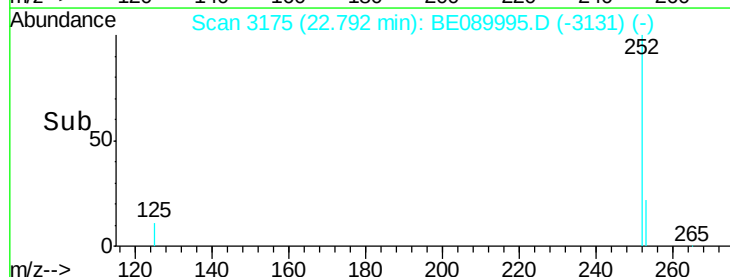
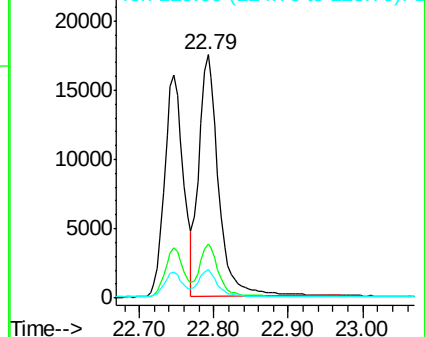
252 100

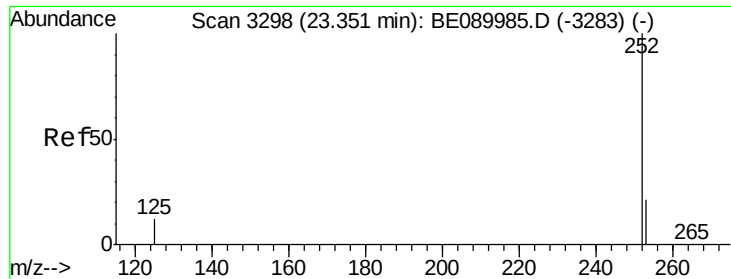
253 22.3 17.5 26.3

125 11.7 9.5 14.3



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: 0.92 ng

RT: 23.35 min Scan# 3298

Delta R.T. 0.00 min

Lab File: BE089995.D

Acq: 29 Jun 2015 22:43

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

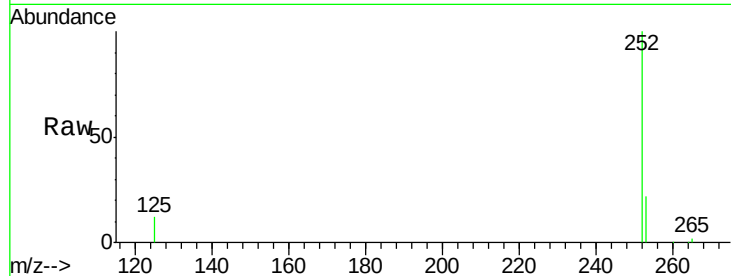
Tgt Ion:252 Resp: 25081

Ion Ratio Lower Upper

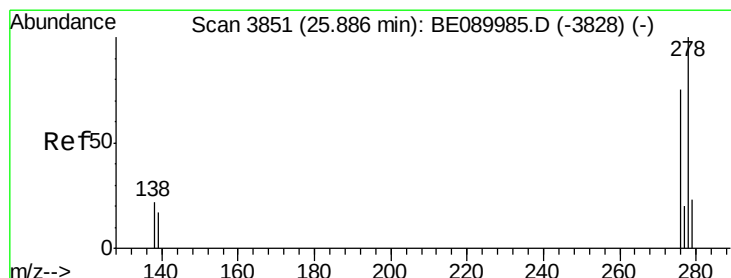
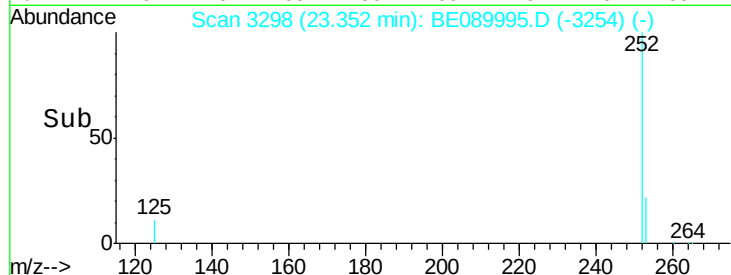
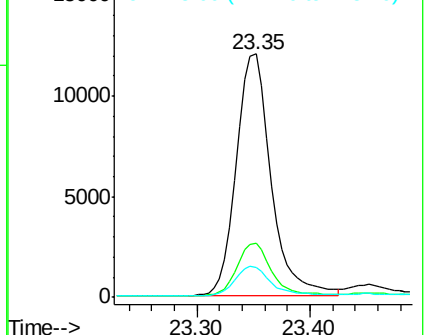
252 100

253 22.0 17.4 26.2

125 12.2 10.5 15.7



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



#36

Dibenzo(a,h)anthracene

Concen: 0.90 ng

RT: 25.89 min Scan# 3851

Delta R.T. 0.00 min

Lab File: BE089995.D

Acq: 29 Jun 2015 22:43

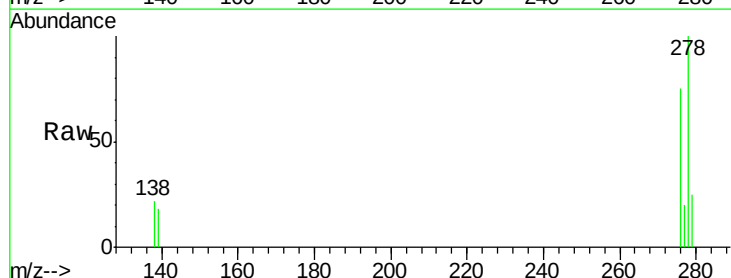
Tgt Ion:278 Resp: 25169

Ion Ratio Lower Upper

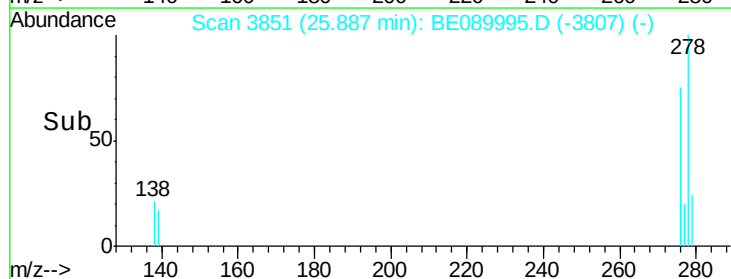
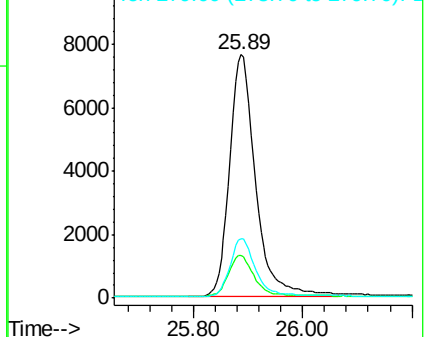
278 100

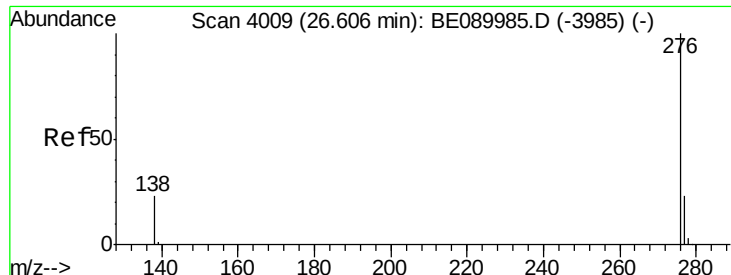
139 17.6 14.4 21.6

279 24.5 19.0 28.6



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: 0.90 ng

RT: 26.61 min Scan# 4009

Delta R.T. 0.00 min

Lab File: BE089995.D

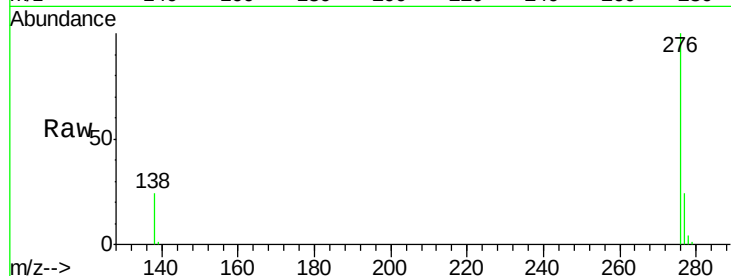
Acq: 29 Jun 2015 22:43

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC



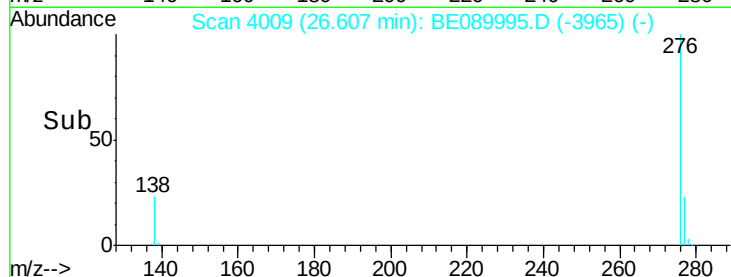
Tgt Ion: 276 Resp: 25464

Ion Ratio Lower Upper

276 100

277 23.6 18.8 28.2

138 23.5 18.6 27.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

