

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE063015\
 Data File : BE090013.D
 Acq On : 30 Jun 2015 16:35
 Operator : TP/IZ
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

Quant Time: Jul 01 05:16:33 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	7.61	152	18380	5.00	ng	-0.01
6) Naphthalene-d8	10.37	136	78878	5.00	ng	-0.01
12) Acenaphthene-d10	14.22	164	44022	5.00	ng	0.00
18) Phenanthrene-d10	16.96	188	98806	5.00	ng	-0.02
25) Chrysene-d12	21.13	240	128075	5.00	ng	0.00
32) Perylene-d12	23.45	264	127874	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	4415	1.05	ng	-0.01
5) Phenol-d6	6.79	99	6110	1.03	ng	0.00
7) Nitrobenzene-d5	8.75	82	5859	0.94	ng	0.00
13) 2,4,6-Tribromophenol	15.73	330	1510	1.17	ng	0.00
14) 2-Fluorobiphenyl	12.85	172	12296	0.93	ng	0.00
27) Terphenyl-d14	19.59	244	19529	0.92	ng	0.00

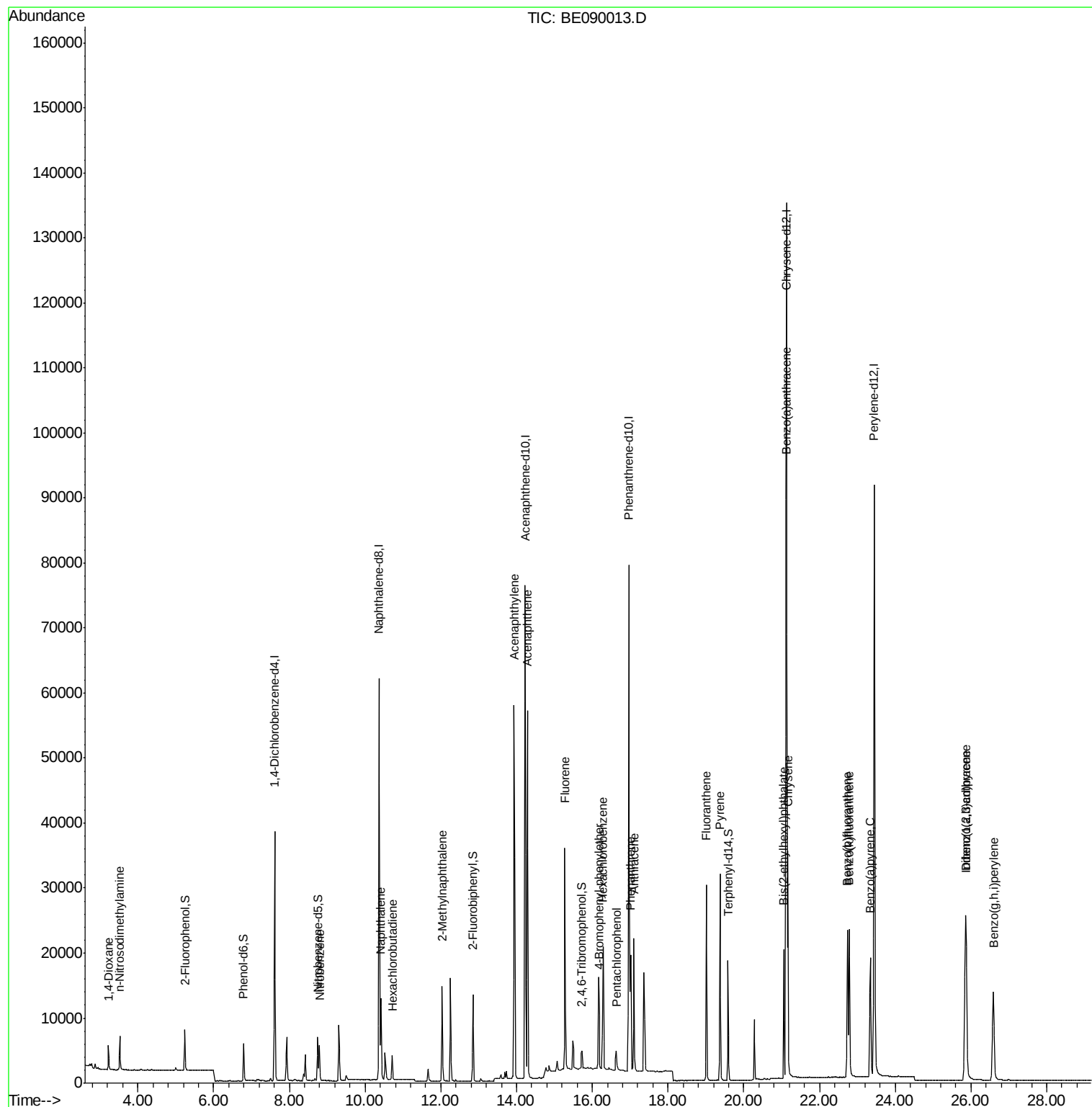
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.23	88	2234	0.89	ng	96
3) n-Nitrosodimethylamine	3.51	42	3028	0.89	ng	# 95
8) Nitrobenzene	8.79	77	6143	0.92	ng	99
9) Naphthalene	10.42	128	16482	0.92	ng	99
10) Hexachlorobutadiene	10.72	225	2644	0.94	ng	99
11) 2-Methylnaphthalene	12.04	142	10675	0.90	ng	97
15) Acenaphthylene	13.94	152	74857	0.94	ng	100
16) Acenaphthene	14.29	154	10736	0.94	ng	96
17) Fluorene	15.28	166	14204	0.91	ng	100
19) 4-Bromophenyl-phenylether	16.18	248	3818	0.91	ng	89
20) Hexachlorobenzene	16.28	284	16276	0.93	ng	98
21) Pentachlorophenol	16.63	266	1867	1.07	ng	99
22) Phenanthrene	17.01	178	23060	0.91	ng	99
23) Anthracene	17.10	178	22708	0.98	ng	100
24) Fluoranthene	19.01	202	27285	0.96	ng	100
26) Pyrene	19.37	202	28811	0.94	ng	100
28) Benzo(a)anthracene	21.11	228	30863	0.96	ng	100
29) Chrysene	21.16	228	30045	0.90	ng	100
30) Bis(2-ethylhexyl)phthalate	21.06	149	17022	1.39	ng	98
31) Indeno(1,2,3-cd)pyrene	25.85	276	36194	1.14	ng	98
33) Benzo(b)fluoranthene	22.74	252	30081	1.07	ng	99
34) Benzo(k)fluoranthene	22.78	252	31925	1.01	ng	99
35) Benzo(a)pyrene	23.34	252	28401	1.09	ng	100
36) Dibenzo(a,h)anthracene	25.87	278	29035	1.09	ng	99
37) Benzo(g,h,i)perylene	26.59	276	29721	1.10	ng	97

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

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.61 min Scan# 851

Delta R.T. -0.01 min

Lab File: BE090013.D

Acq: 30 Jun 2015 16:35

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

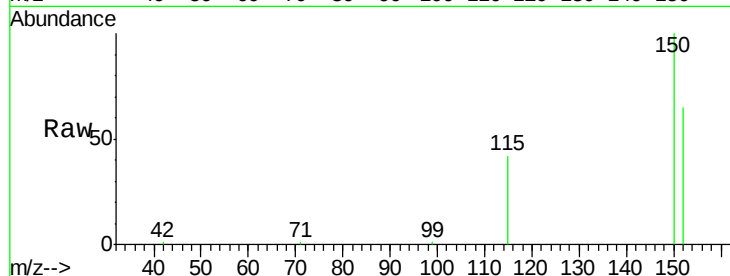
Tgt Ion:152 Resp: 18380

Ion Ratio Lower Upper

152 100

150 154.6 123.9 185.9

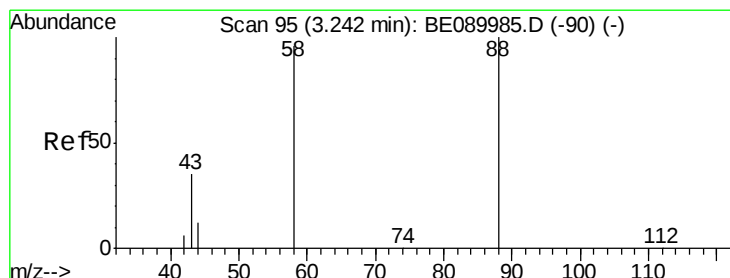
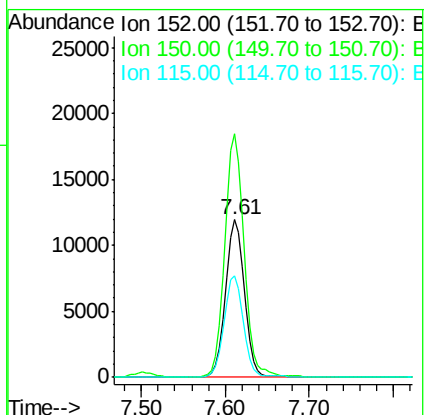
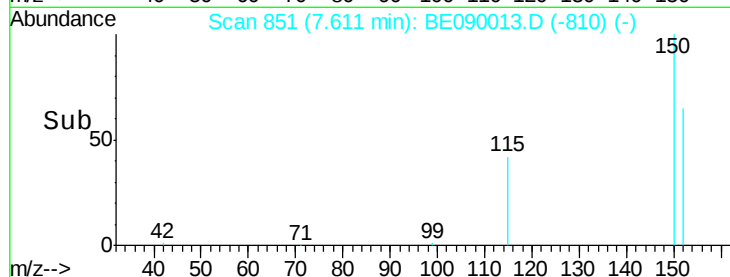
115 64.6 50.6 76.0



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: 0.89 ng

RT: 3.23 min Scan# 93

Delta R.T. -0.01 min

Lab File: BE090013.D

Acq: 30 Jun 2015 16:35

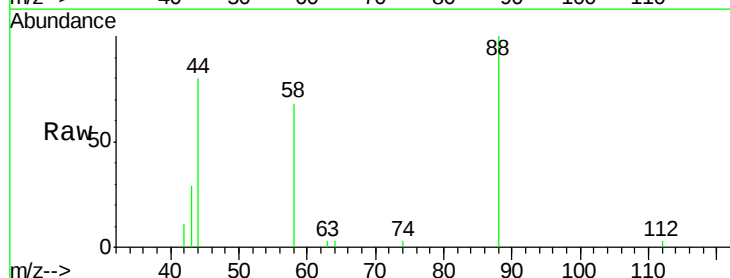
Tgt Ion: 88 Resp: 2234

Ion Ratio Lower Upper

88 100

58 83.9 70.9 106.3

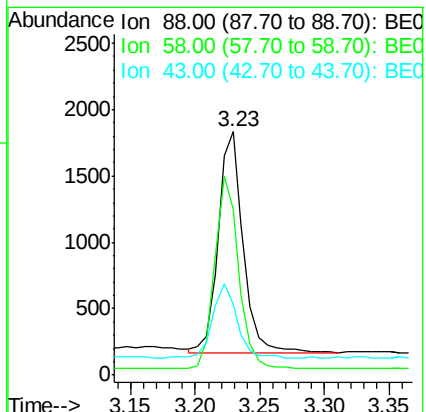
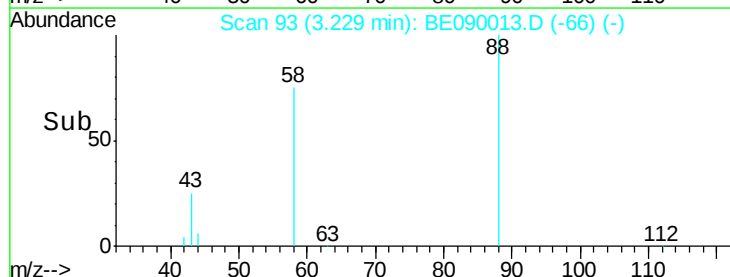
43 32.9 27.6 41.4

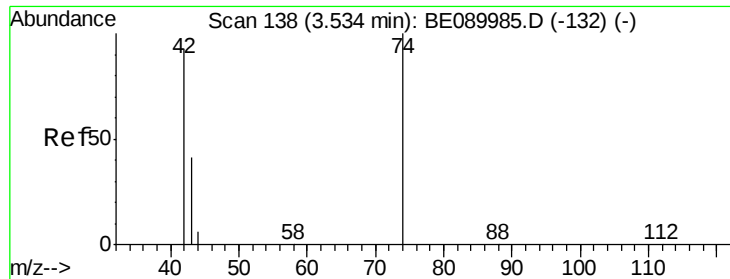


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



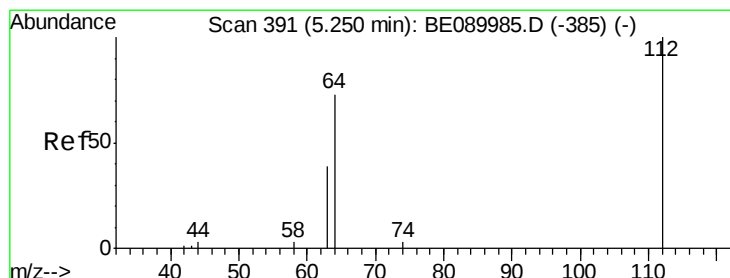
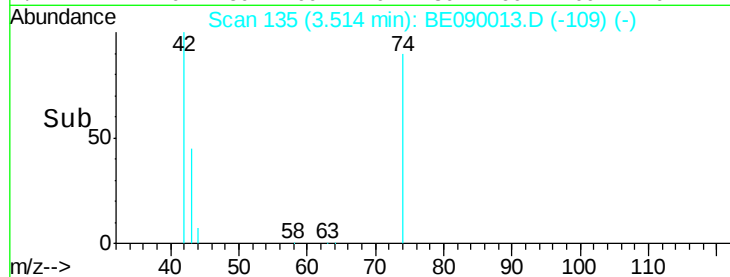
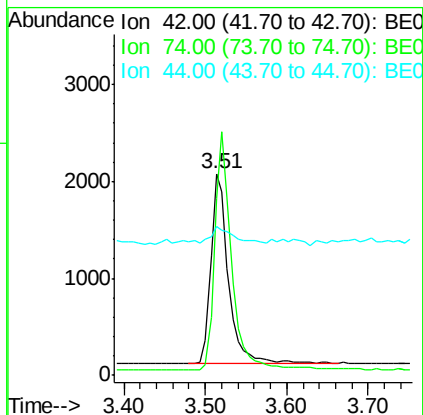
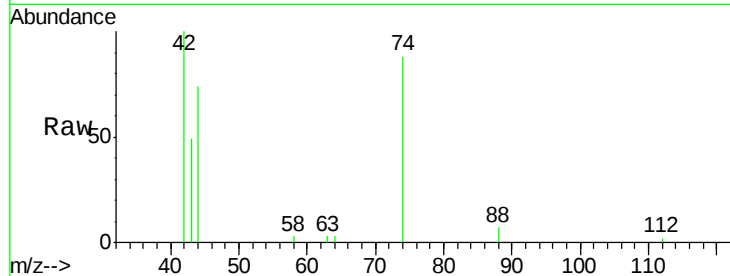


#3

n-Nitrosodimethylamine
 Concen: 0.89 ng
 RT: 3.51 min Scan# 135
 Delta R.T. -0.02 min
 Lab File: BE090013.D
 Acq: 30 Jun 2015 16:35

Instrument :
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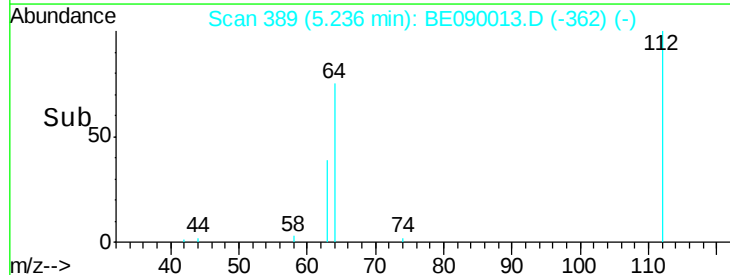
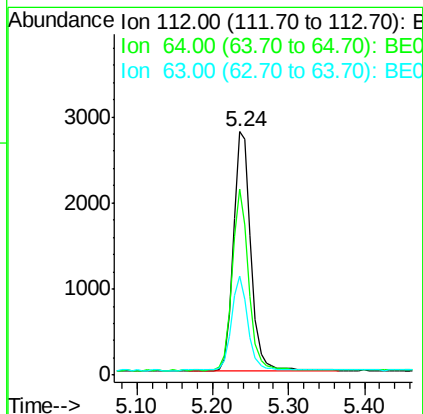
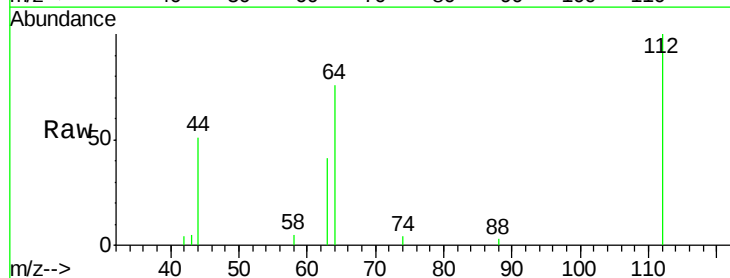
Tgt Ion: 42 Resp: 3028
 Ion Ratio Lower Upper
 42 100
 74 117.1 89.4 134.2
 44 11.2 6.9 10.3#

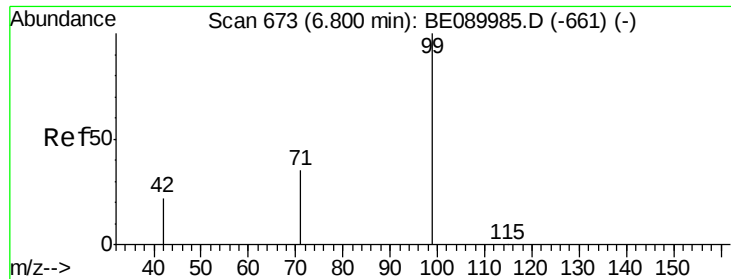


#4

2-Fluorophenol
 Concen: 1.05 ng
 RT: 5.24 min Scan# 389
 Delta R.T. -0.01 min
 Lab File: BE090013.D
 Acq: 30 Jun 2015 16:35

Tgt Ion: 112 Resp: 4415
 Ion Ratio Lower Upper
 112 100
 64 71.1 56.3 84.5
 63 36.4 29.8 44.6





#5

Phenol-d6

Concen: 1.03 ng

RT: 6.79 min Scan# 671

Delta R.T. -0.01 min

Lab File: BE090013.D

Acq: 30 Jun 2015 16:35

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

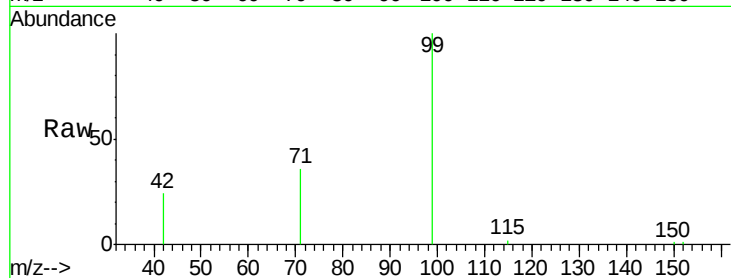
Tgt Ion: 99 Resp: 6110

Ion Ratio Lower Upper

99 100

42 21.6 18.7 28.1

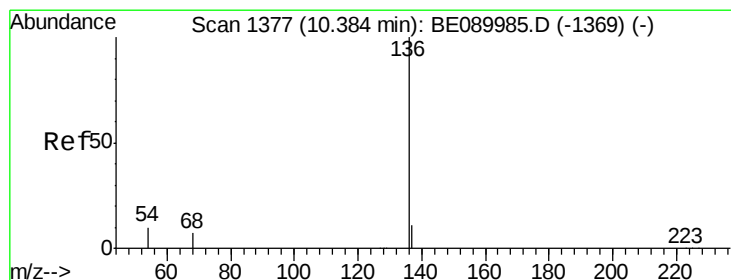
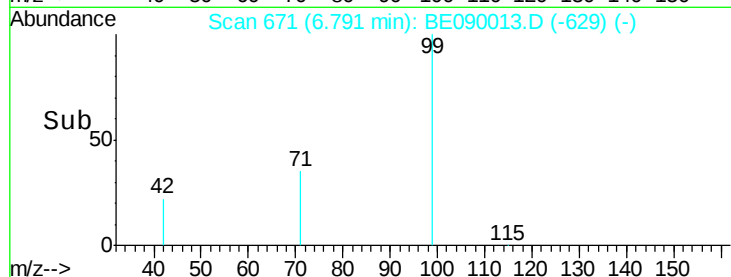
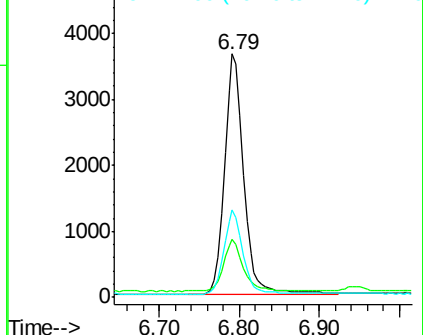
71 34.5 27.5 41.3



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: 10.37 min Scan# 1375

Delta R.T. -0.01 min

Lab File: BE090013.D

Acq: 30 Jun 2015 16:35

Tgt Ion: 136 Resp: 78878

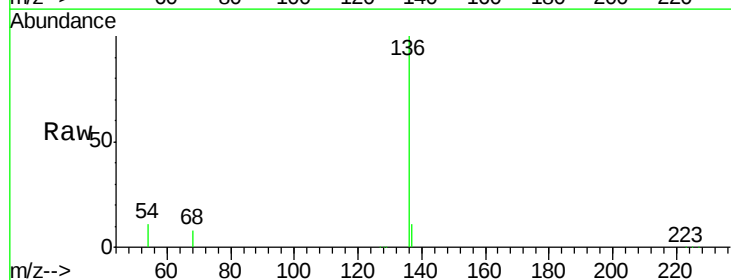
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 11.1 8.2 12.4

68 7.9 5.8 8.8

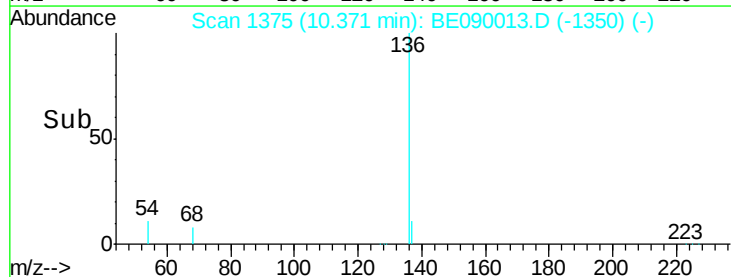
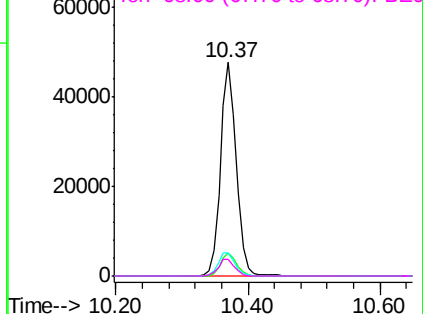


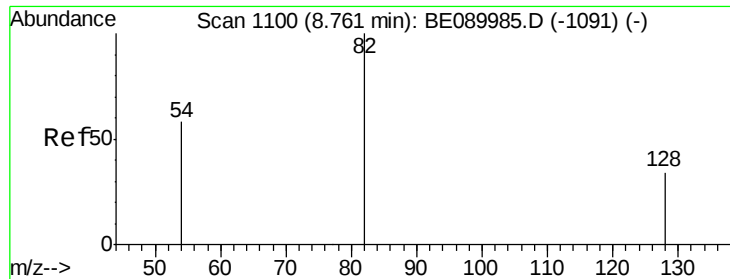
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.94 ng

RT: 8.75 min Scan# 1098

Delta R.T. -0.01 min

Lab File: BE090013.D

Acq: 30 Jun 2015 16:35

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

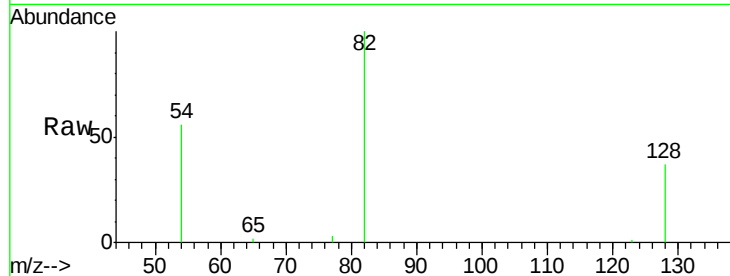
Tgt Ion: 82 Resp: 5859

Ion Ratio Lower Upper

82 100

128 36.9 28.0 42.0

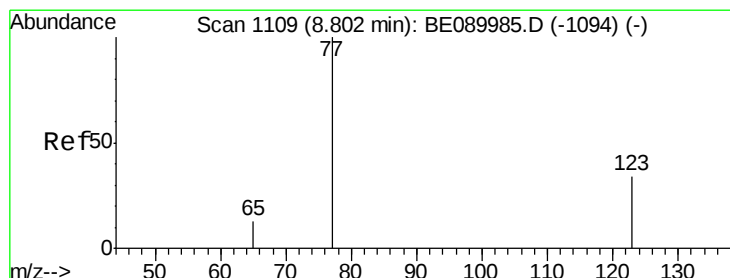
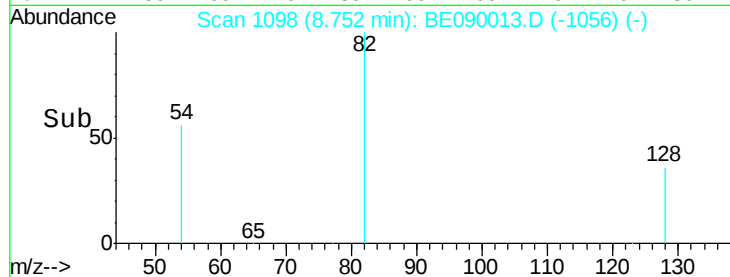
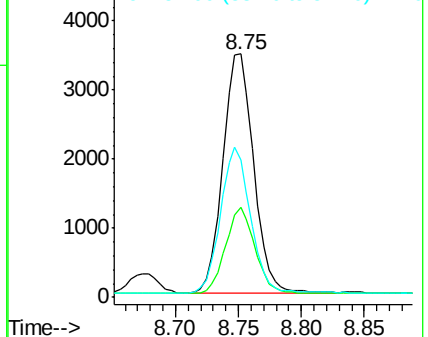
54 56.4 47.6 71.4



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: 0.92 ng

RT: 8.79 min Scan# 1107

Delta R.T. -0.01 min

Lab File: BE090013.D

Acq: 30 Jun 2015 16:35

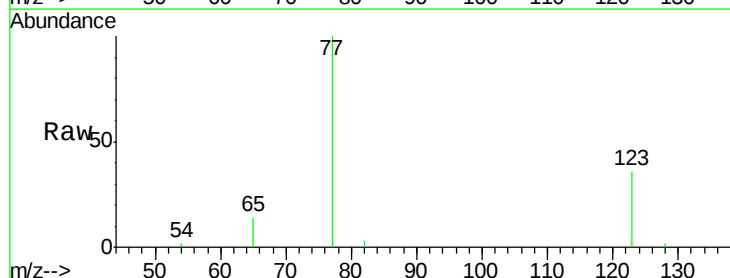
Tgt Ion: 77 Resp: 6143

Ion Ratio Lower Upper

77 100

123 35.0 27.4 41.0

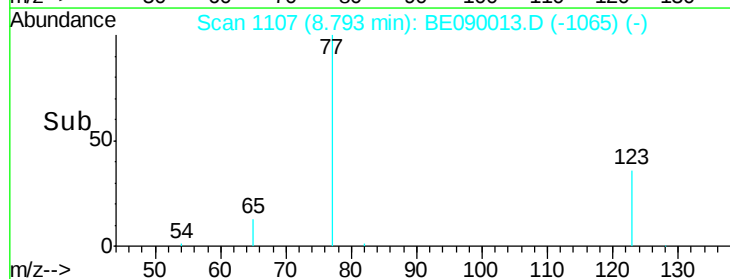
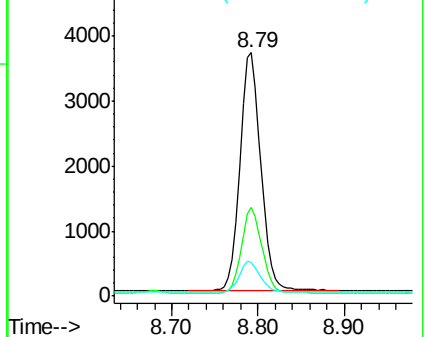
65 13.3 10.6 15.8



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: 0.92 ng

RT: 10.42 min Scan# 1381

Delta R.T. -0.01 min

Lab File: BE090013.D

Acq: 30 Jun 2015 16:35

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

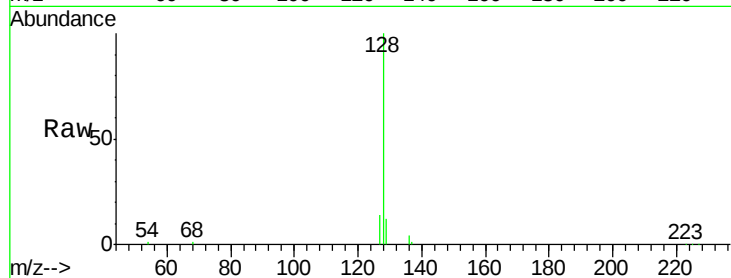
Tgt Ion:128 Resp: 16482

Ion Ratio Lower Upper

128 100

129 11.6 9.3 13.9

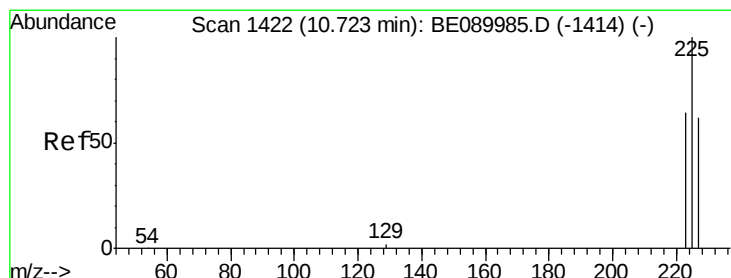
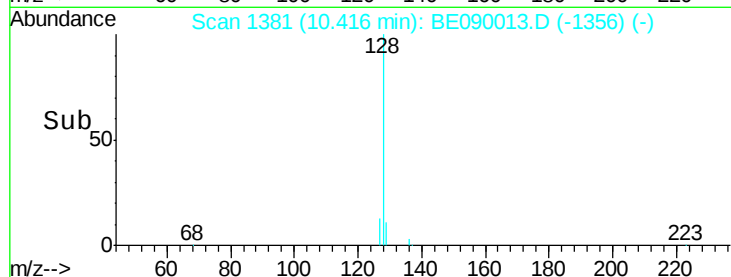
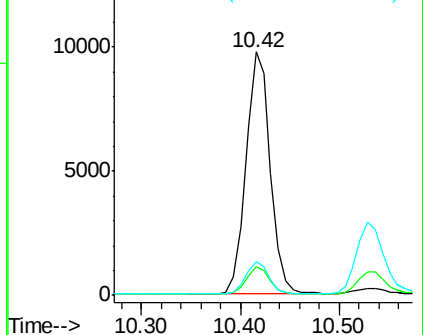
127 13.7 10.2 15.4



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: 0.94 ng

RT: 10.72 min Scan# 1421

Delta R.T. -0.01 min

Lab File: BE090013.D

Acq: 30 Jun 2015 16:35

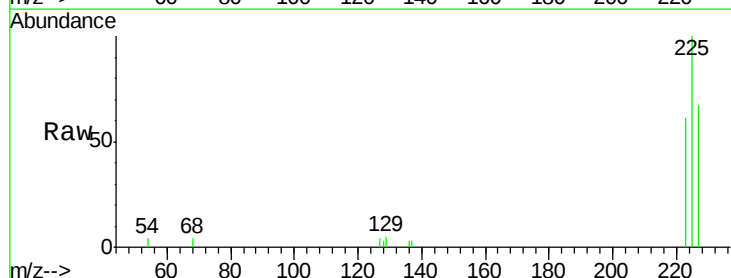
Tgt Ion:225 Resp: 2644

Ion Ratio Lower Upper

225 100

223 62.1 50.1 75.1

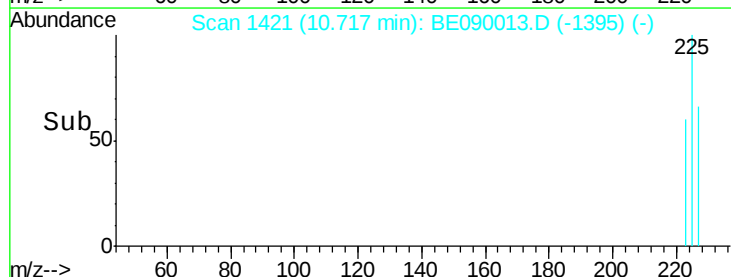
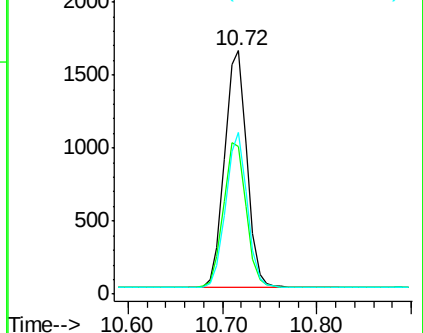
227 63.3 50.9 76.3

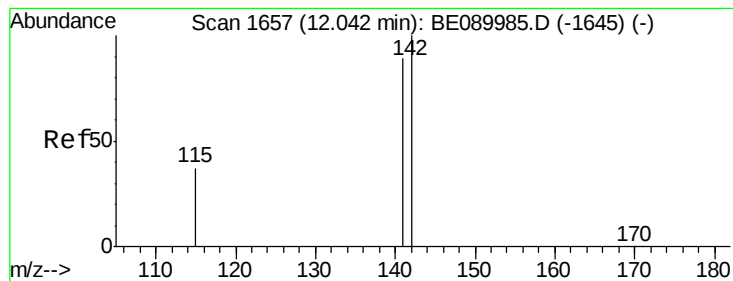


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 0.90 ng

RT: 12.04 min Scan# 1656

Delta R.T. -0.00 min

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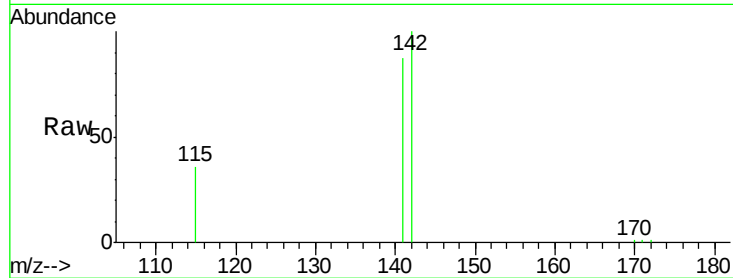
Tgt Ion:142 Resp: 10675

Ion Ratio Lower Upper

142 100

141 86.9 71.3 106.9

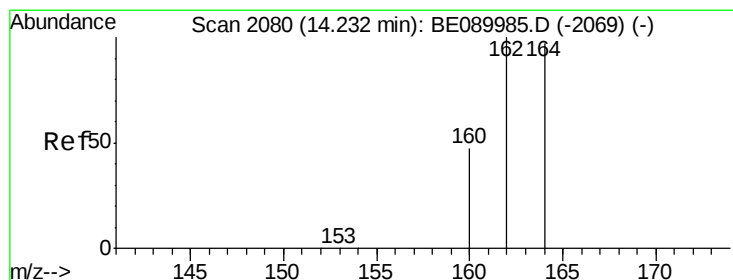
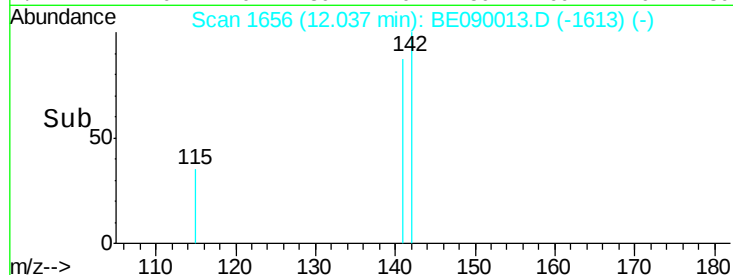
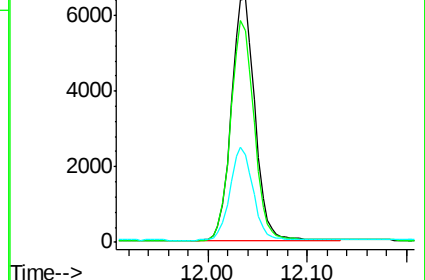
115 36.0 30.4 45.6



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: 14.22 min Scan# 2079

Delta R.T. -0.01 min

Lab File: BE090013.D

Acq: 30 Jun 2015 16:35

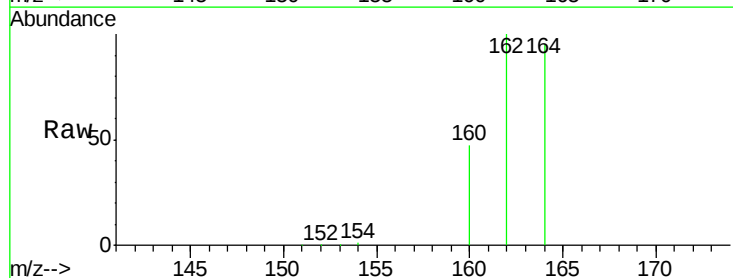
Tgt Ion:164 Resp: 44022

Ion Ratio Lower Upper

164 100

162 105.2 82.2 123.4

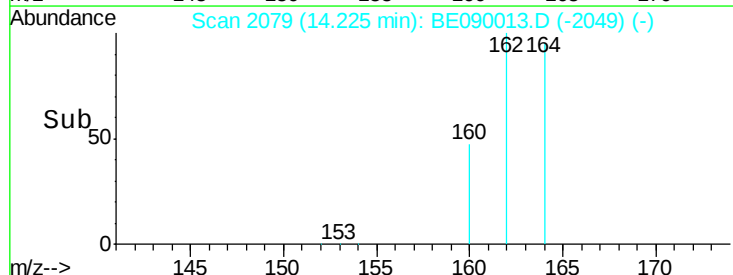
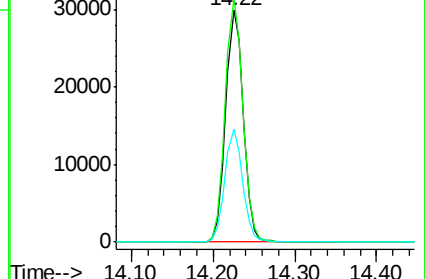
160 49.1 39.0 58.6



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

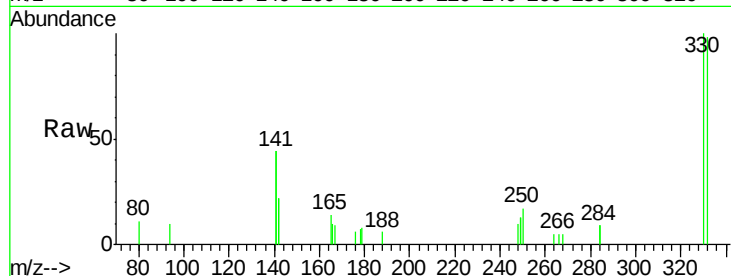




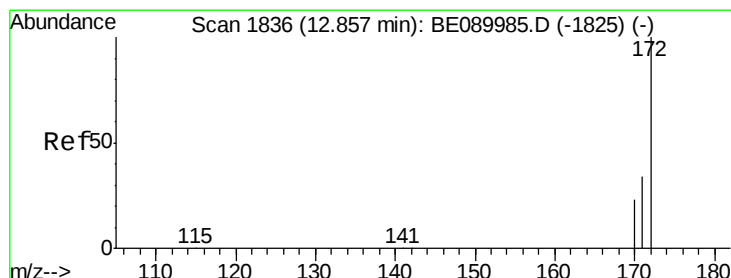
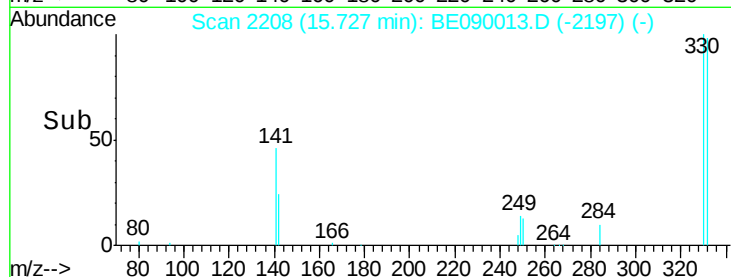
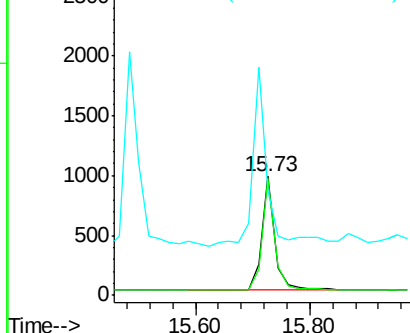
#13
 2,4,6-Tribromophenol
 Concen: 1.17 ng
 RT: 15.73 min Scan# 2208
 Delta R.T. -0.00 min
 Lab File: BE090013.D
 Acq: 30 Jun 2015 16:35

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

Tgt Ion: 330 Resp: 1510
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.4 114.6
 141 166.8 130.3 195.5

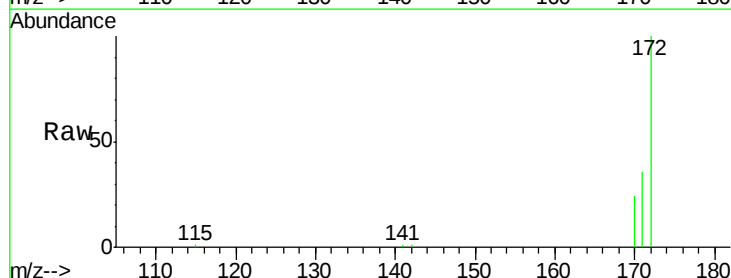


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

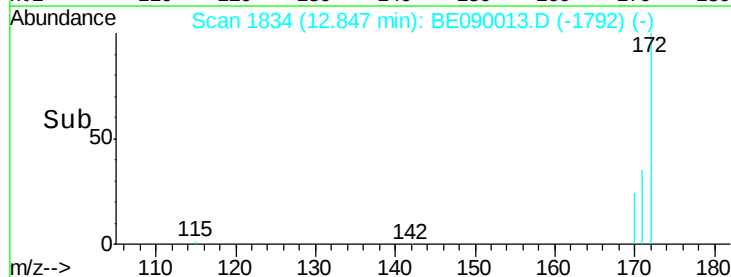
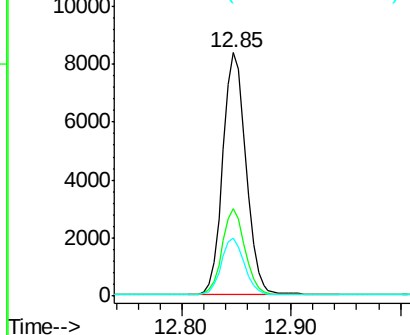


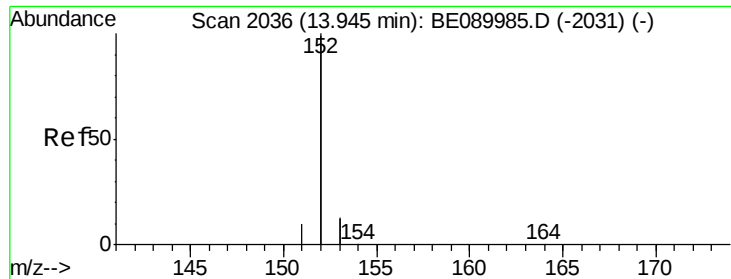
#14
 2-Fluorobiphenyl
 Concen: 0.93 ng
 RT: 12.85 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BE090013.D
 Acq: 30 Jun 2015 16:35

Tgt Ion: 172 Resp: 12296
 Ion Ratio Lower Upper
 172 100
 171 35.7 27.8 41.6
 170 24.0 18.3 27.5



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: 0.94 ng

RT: 13.94 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BE090013.D

Acq: 30 Jun 2015 16:35

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

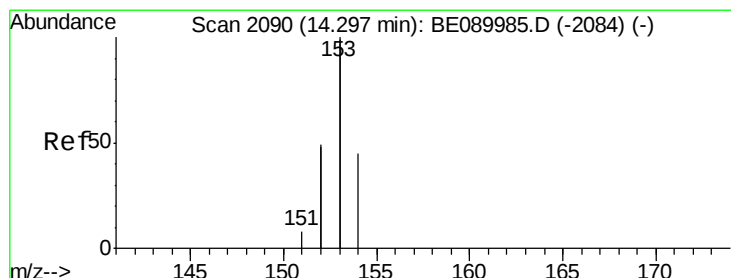
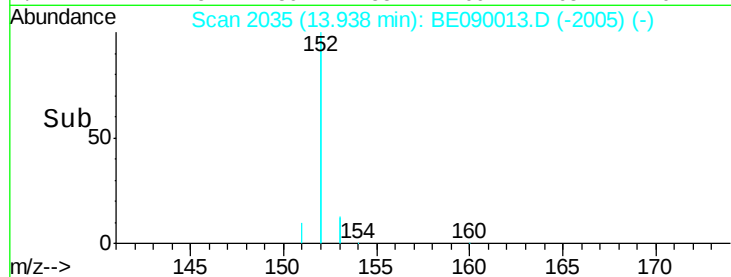
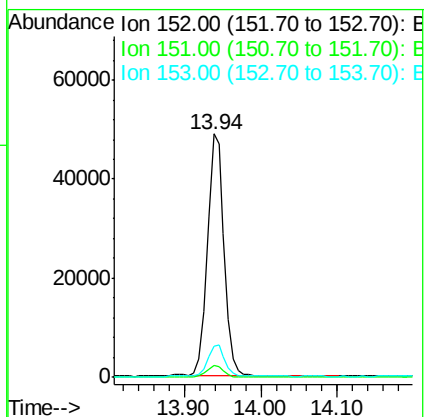
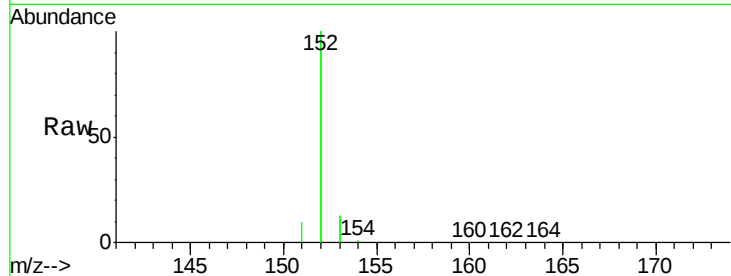
Tgt Ion:152 Resp: 74857

Ion Ratio Lower Upper

152 100

151 4.9 3.9 5.9

153 13.2 10.4 15.6



#16

Acenaphthene

Concen: 0.94 ng

RT: 14.29 min Scan# 2089

Delta R.T. -0.01 min

Lab File: BE090013.D

Acq: 30 Jun 2015 16:35

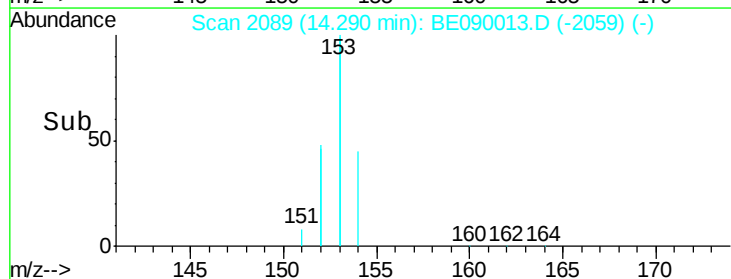
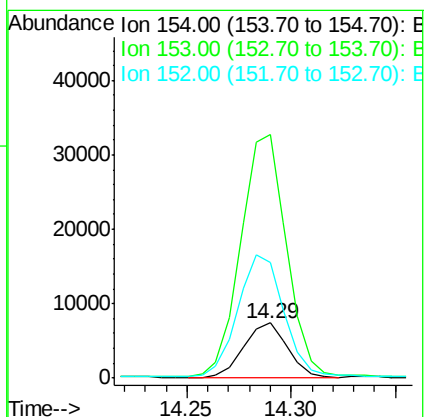
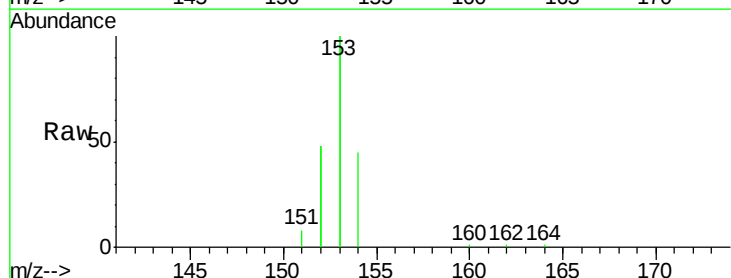
Tgt Ion:154 Resp: 10736

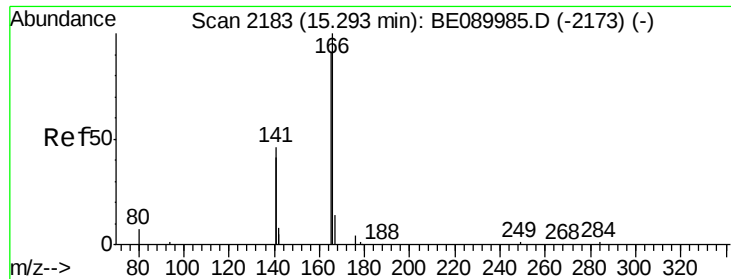
Ion Ratio Lower Upper

154 100

153 461.7 358.6 538.0

152 233.5 189.6 284.4

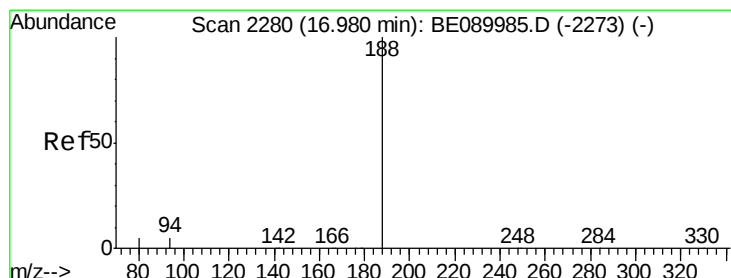
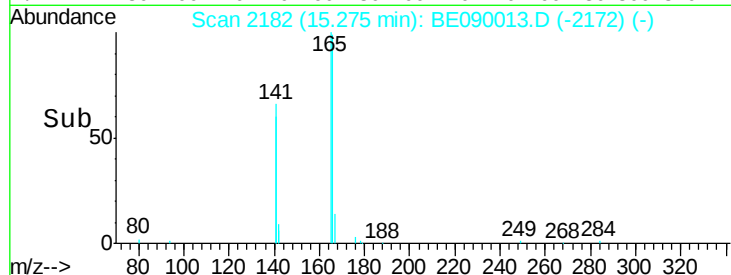
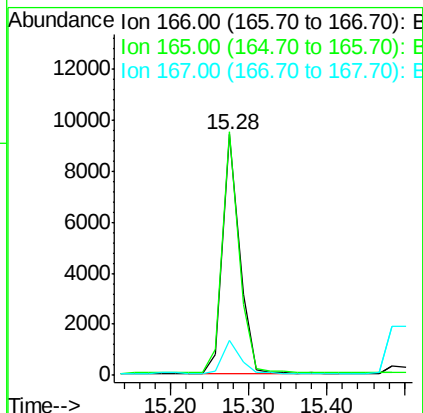
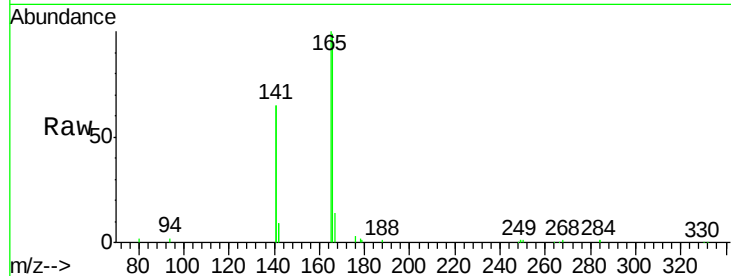




#17
Fluorene
 Concen: 0.91 ng
 RT: 15.28 min Scan# 2182
 Delta R.T. -0.02 min
 Lab File: BE090013.D
 Acq: 30 Jun 2015 16:35

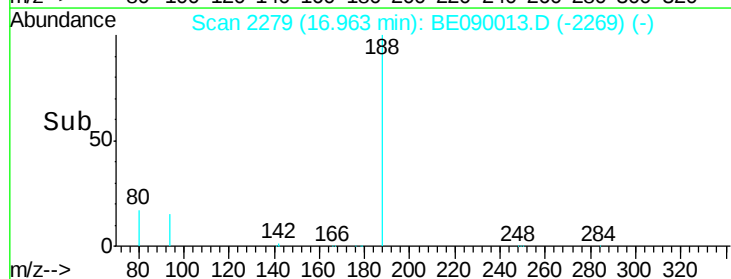
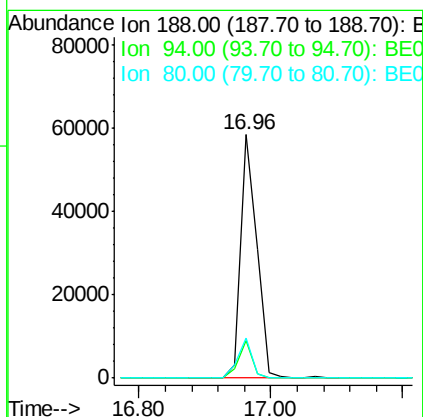
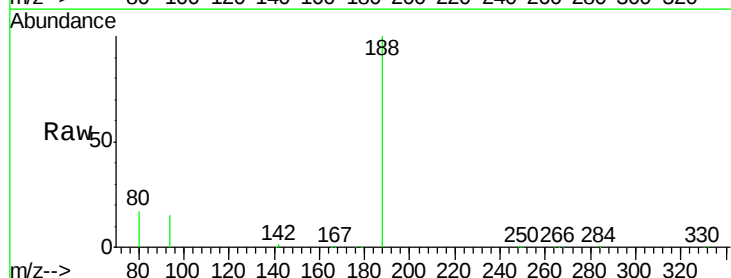
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

Tgt Ion:166 Resp: 14204
 Ion Ratio Lower Upper
 166 100
 165 98.9 79.0 118.6
 167 14.4 11.8 17.8



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 16.96 min Scan# 2279
 Delta R.T. -0.02 min
 Lab File: BE090013.D
 Acq: 30 Jun 2015 16:35

Tgt Ion:188 Resp: 98806
 Ion Ratio Lower Upper
 188 100
 94 15.2 4.1 6.1#
 80 16.7 4.2 6.2#





#19

4-Bromophenyl-phenylether

Concen: 0.91 ng

RT: 16.18 min Scan# 2234

Delta R.T. -0.00 min

Lab File: BE090013.D

Acq: 30 Jun 2015 16:35

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

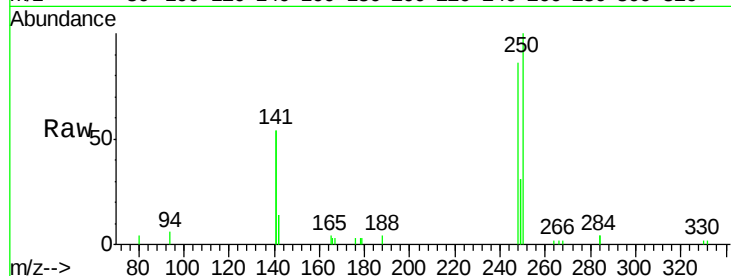
Tgt Ion:248 Resp: 3818

Ion Ratio Lower Upper

248 100

250 99.8 78.3 117.5

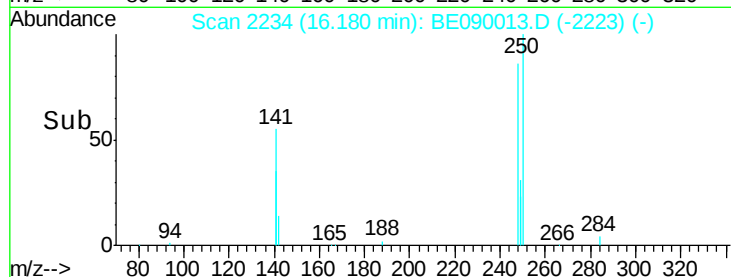
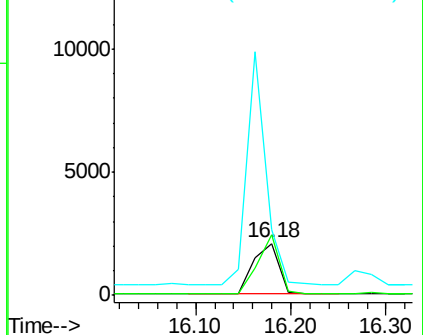
141 339.2 248.1 372.1



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: 0.93 ng

RT: 16.28 min Scan# 2240

Delta R.T. -0.02 min

Lab File: BE090013.D

Acq: 30 Jun 2015 16:35

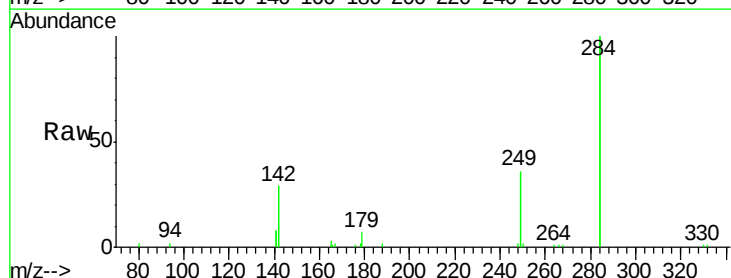
Tgt Ion:284 Resp: 16276

Ion Ratio Lower Upper

284 100

142 38.9 32.6 49.0

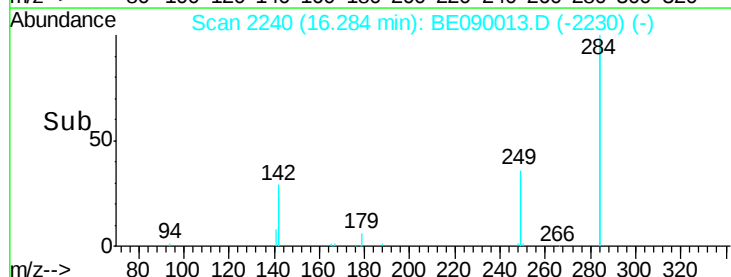
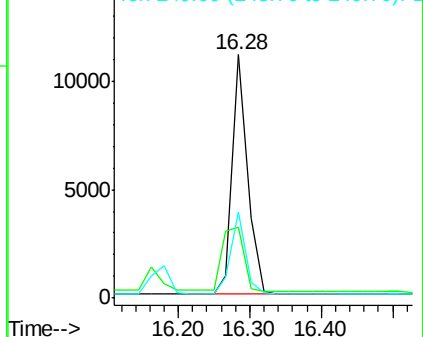
249 32.6 25.5 38.3



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

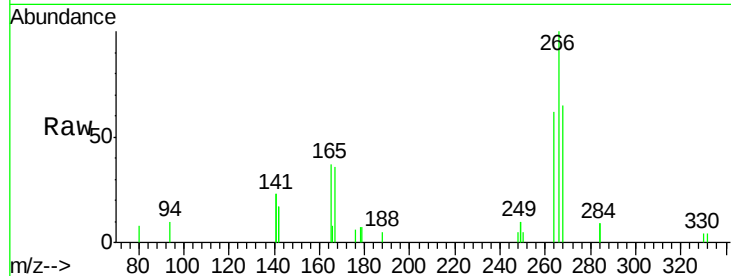




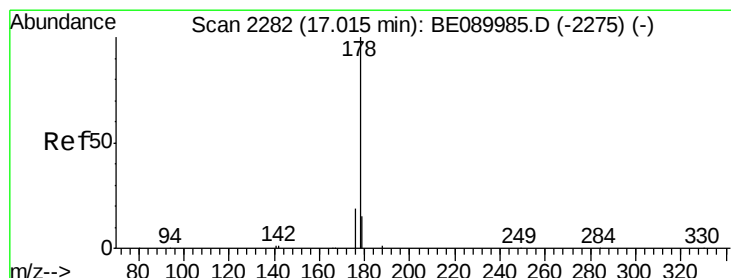
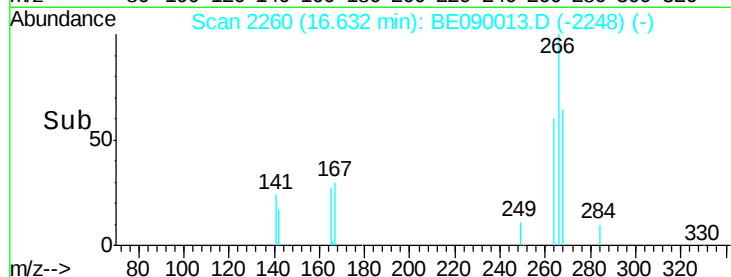
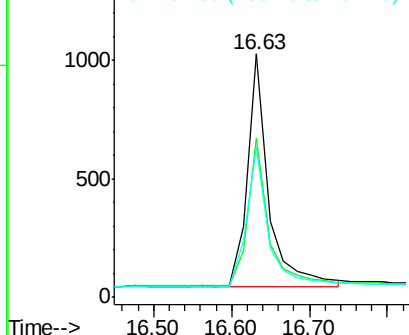
#21
 Pentachlorophenol
 Concen: 1.07 ng
 RT: 16.63 min Scan# 2260
 Delta R.T. 0.00 min
 Lab File: BE090013.D
 Acq: 30 Jun 2015 16:35

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

Tgt Ion: 266 Resp: 1867
 Ion Ratio Lower Upper
 266 100
 268 65.5 51.8 77.8
 264 61.7 50.2 75.2

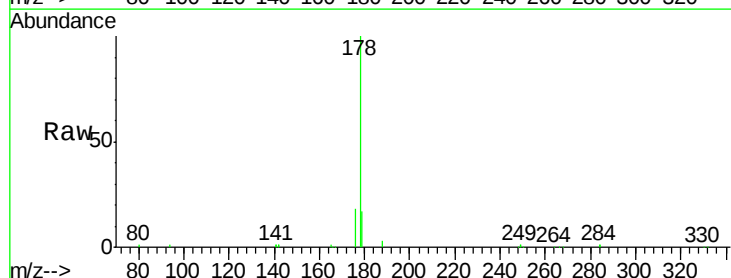


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

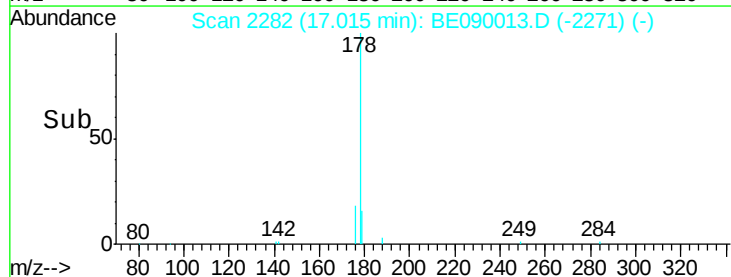
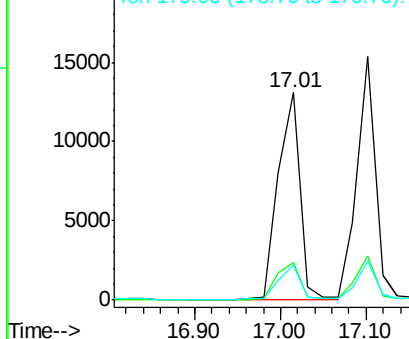


#22
 Phenanthrene
 Concen: 0.91 ng
 RT: 17.01 min Scan# 2282
 Delta R.T. -0.00 min
 Lab File: BE090013.D
 Acq: 30 Jun 2015 16:35

Tgt Ion: 178 Resp: 23060
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.3 22.9
 179 15.9 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: 0.98 ng

RT: 17.10 min Scan# 2287

Delta R.T. -0.00 min

Lab File: BE090013.D

Acq: 30 Jun 2015 16:35

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

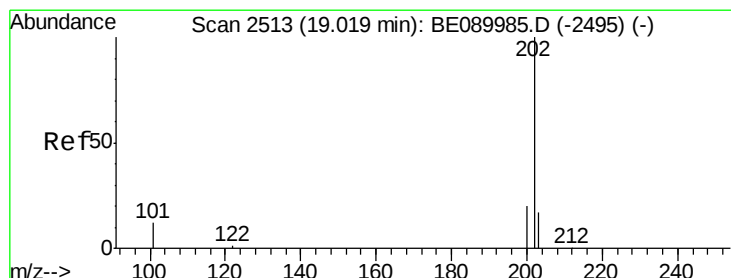
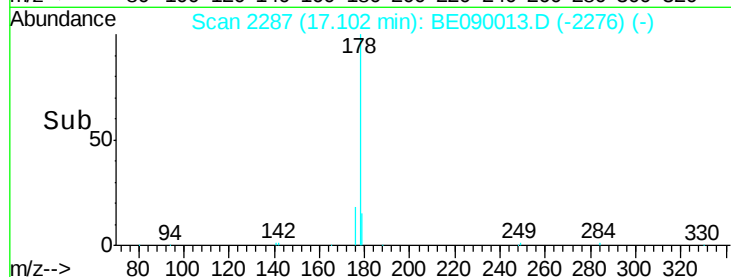
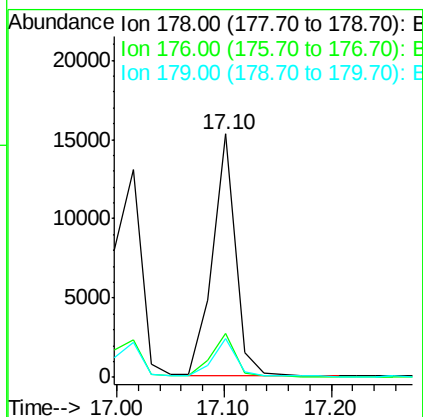
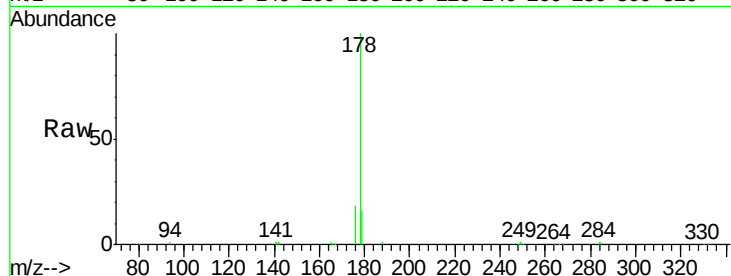
Tgt Ion:178 Resp: 22708

Ion Ratio Lower Upper

178 100

176 18.4 14.7 22.1

179 15.3 12.1 18.1



#24

Fluoranthene

Concen: 0.96 ng

RT: 19.01 min Scan# 2512

Delta R.T. -0.01 min

Lab File: BE090013.D

Acq: 30 Jun 2015 16:35

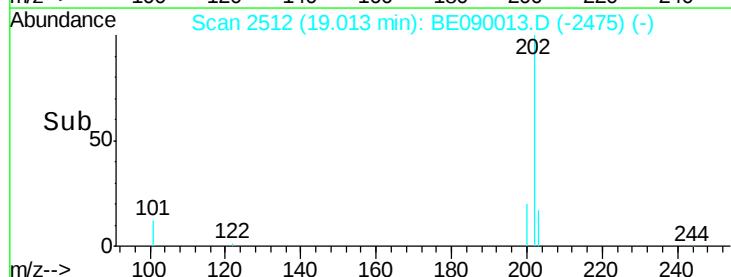
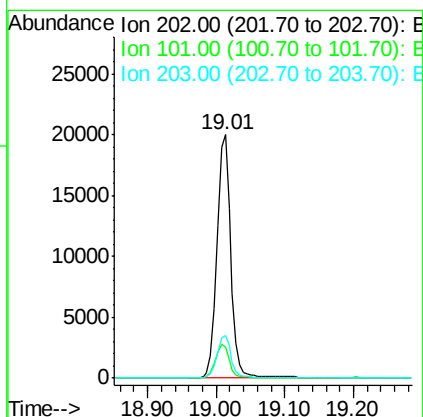
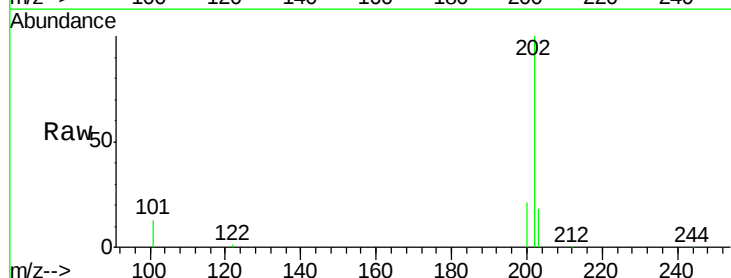
Tgt Ion:202 Resp: 27285

Ion Ratio Lower Upper

202 100

101 13.3 10.6 15.8

203 17.4 13.8 20.6





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.13 min Scan# 2870

Delta R.T. -0.01 min

Lab File: BE090013.D

Acq: 30 Jun 2015 16:35

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

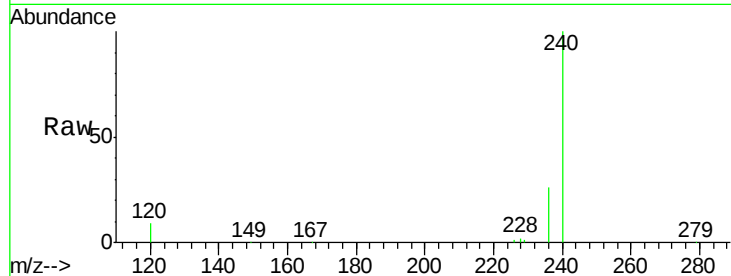
Tgt Ion:240 Resp: 128075

Ion Ratio Lower Upper

240 100

120 8.8 6.9 10.3

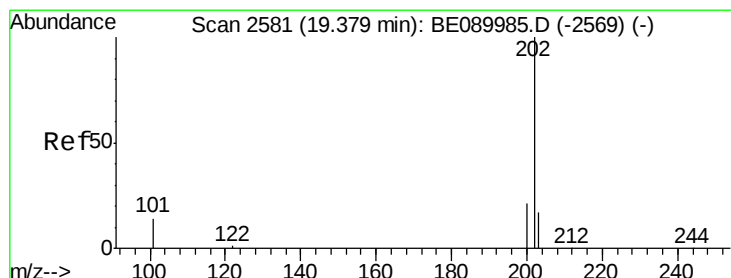
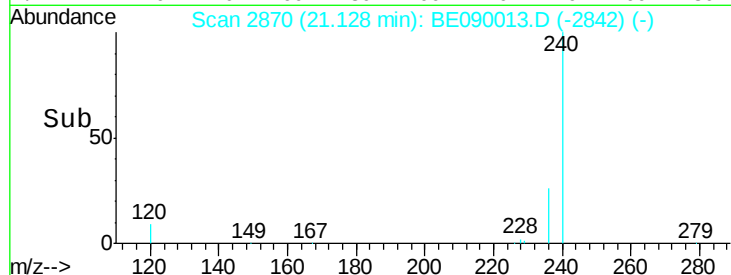
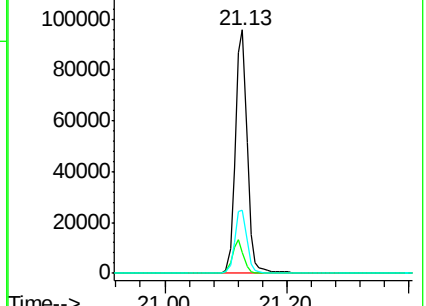
236 26.1 20.8 31.2



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: 0.94 ng

RT: 19.37 min Scan# 2580

Delta R.T. -0.01 min

Lab File: BE090013.D

Acq: 30 Jun 2015 16:35

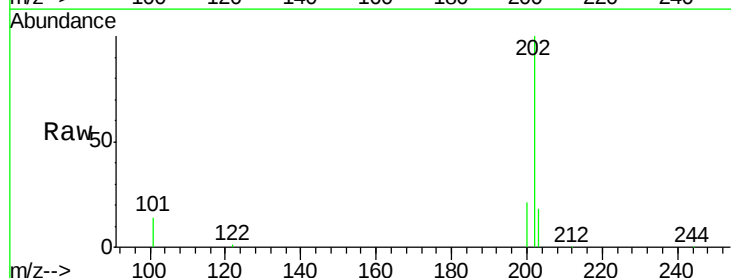
Tgt Ion:202 Resp: 28811

Ion Ratio Lower Upper

202 100

200 20.8 16.8 25.2

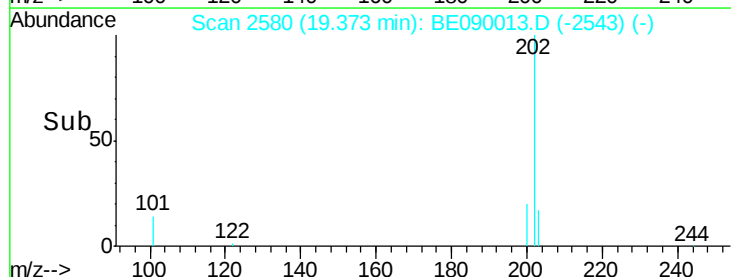
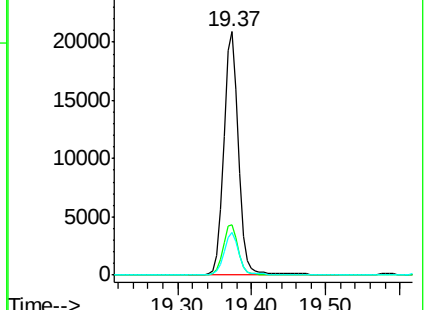
203 17.4 13.9 20.9

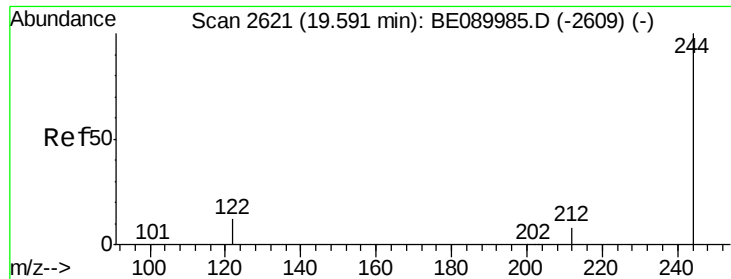


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

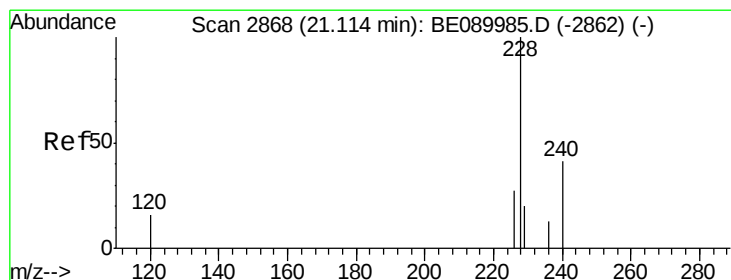
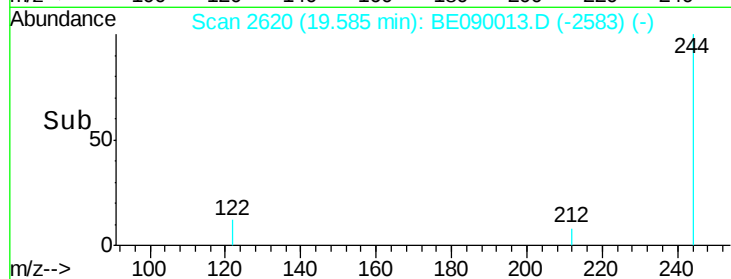
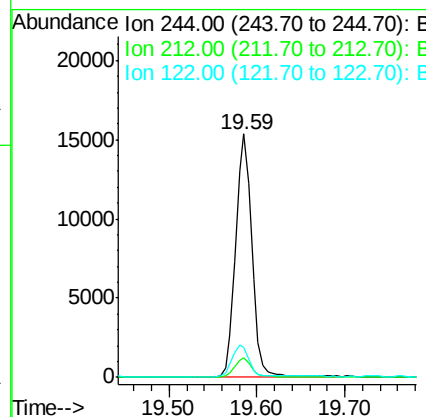
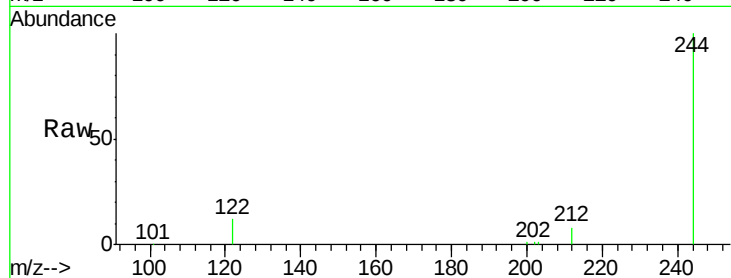




#27
 Terphenyl-d14
 Concen: 0.92 ng
 RT: 19.59 min Scan# 2620
 Delta R.T. -0.01 min
 Lab File: BE090013.D
 Acq: 30 Jun 2015 16:35

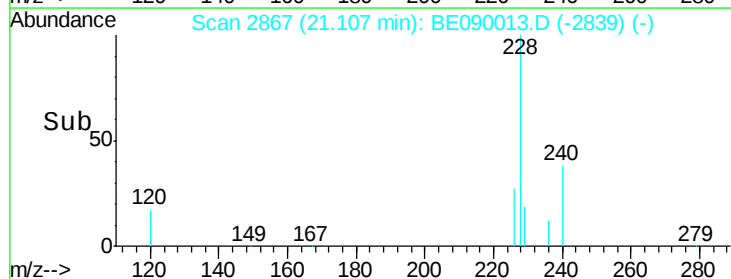
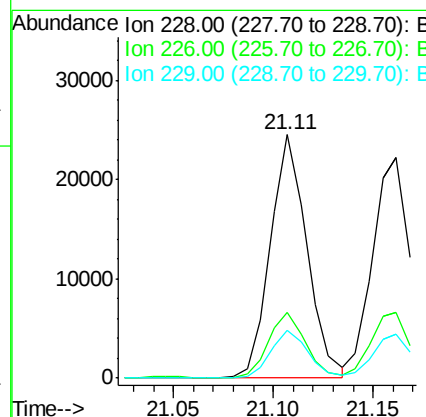
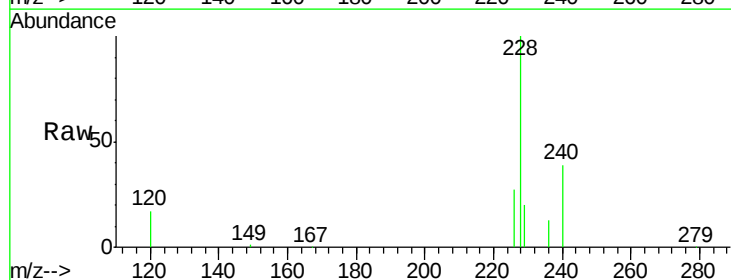
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

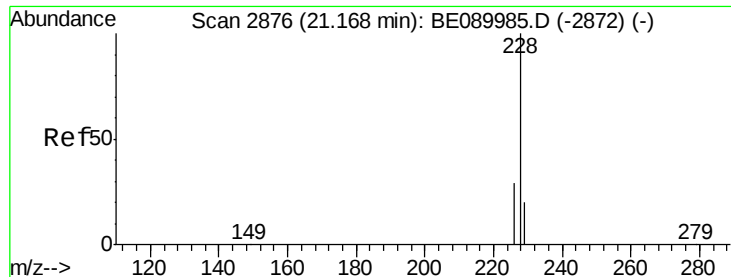
Tgt Ion:244 Resp: 19529
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.6 9.8
 122 12.3 9.8 14.8



#28
 Benzo(a)anthracene
 Concen: 0.96 ng
 RT: 21.11 min Scan# 2867
 Delta R.T. -0.01 min
 Lab File: BE090013.D
 Acq: 30 Jun 2015 16:35

Tgt Ion:228 Resp: 30863
 Ion Ratio Lower Upper
 228 100
 226 27.0 21.8 32.6
 229 19.5 15.8 23.6





#29

Chrysene

Concen: 0.90 ng

RT: 21.16 min Scan# 2875

Delta R.T. -0.01 min

Lab File: BE090013.D

Acq: 30 Jun 2015 16:35

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

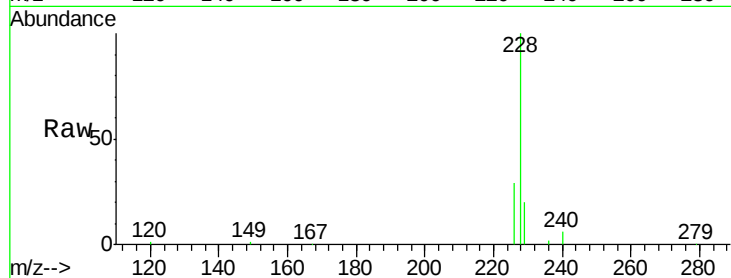
Tgt Ion:228 Resp: 30045

Ion Ratio Lower Upper

228 100

226 29.5 23.4 35.0

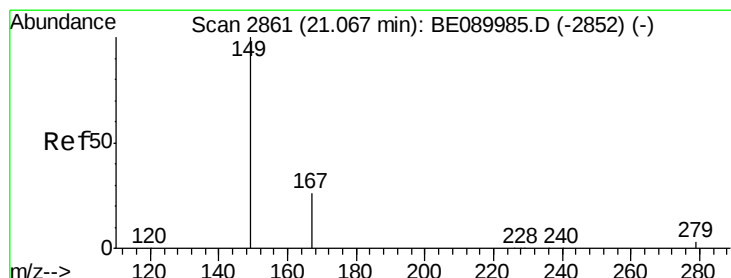
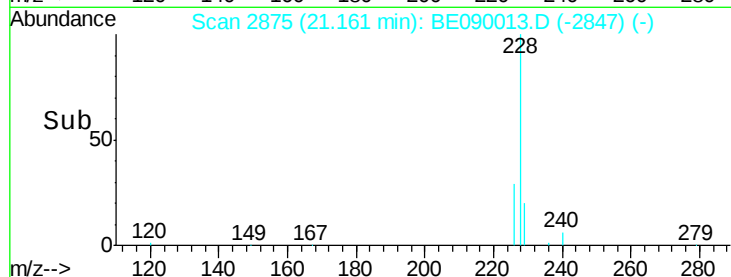
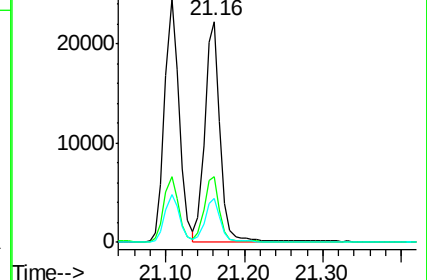
229 20.1 16.2 24.2



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: 1.39 ng

RT: 21.06 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BE090013.D

Acq: 30 Jun 2015 16:35

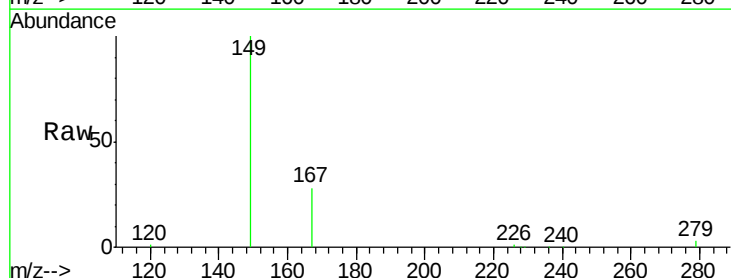
Tgt Ion:149 Resp: 17022

Ion Ratio Lower Upper

149 100

167 26.2 20.3 30.5

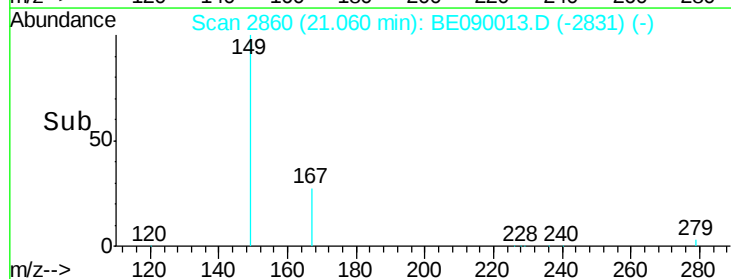
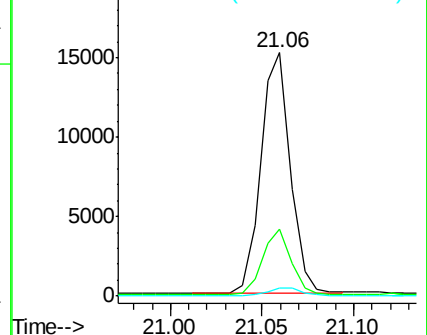
279 3.0 2.6 3.8

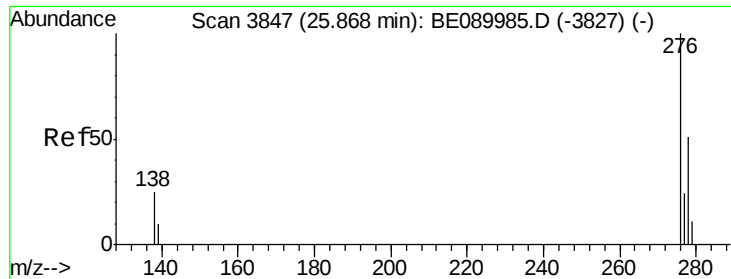


Abundance Ion 149.00 (148.70 to 149.70): E

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: 1.14 ng

RT: 25.85 min Scan# 3843

Delta R.T. -0.02 min

Lab File: BE090013.D

Acq: 30 Jun 2015 16:35

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

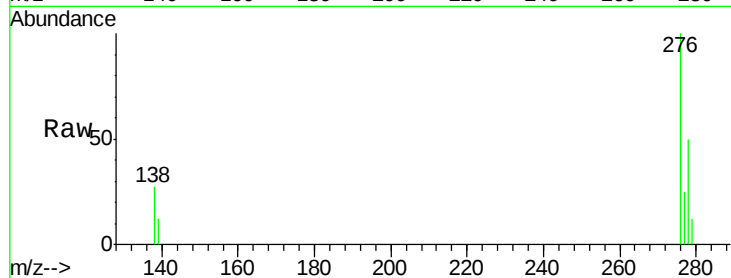
Tgt Ion:276 Resp: 36194

Ion Ratio Lower Upper

276 100

138 28.4 21.3 31.9

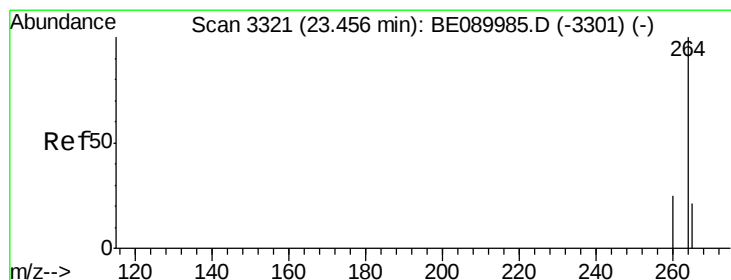
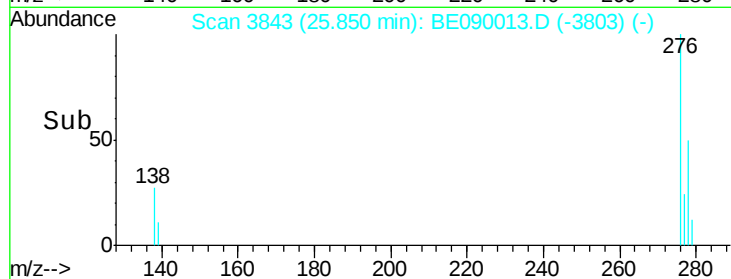
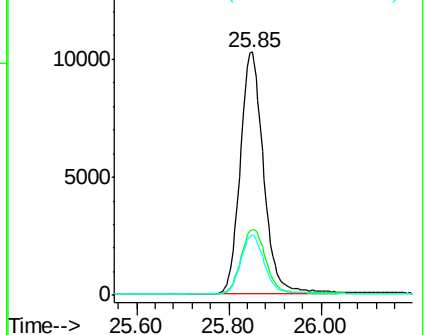
277 24.7 19.7 29.5



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: 23.45 min Scan# 3319

Delta R.T. -0.01 min

Lab File: BE090013.D

Acq: 30 Jun 2015 16:35

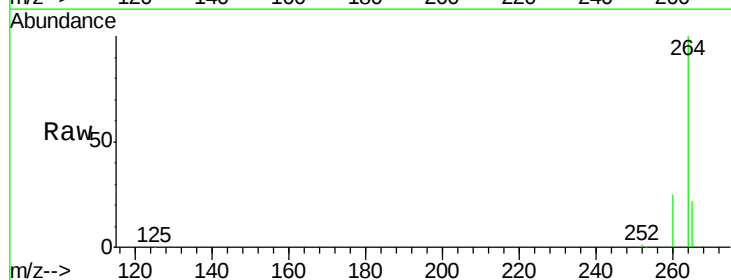
Tgt Ion:264 Resp: 127874

Ion Ratio Lower Upper

264 100

260 24.8 20.2 30.2

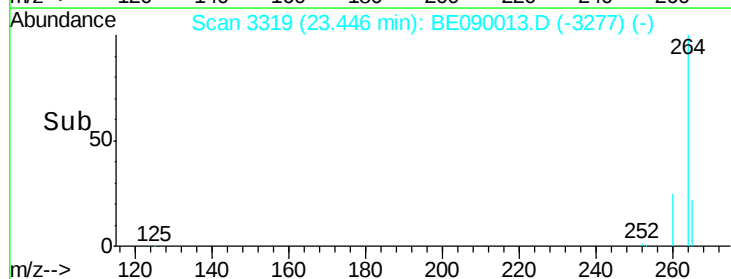
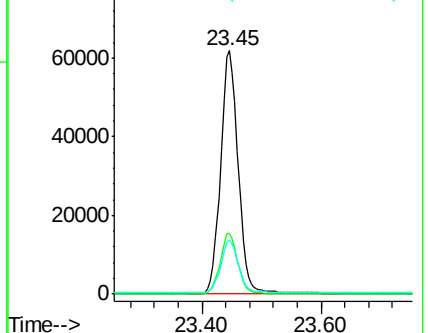
265 22.3 17.1 25.7

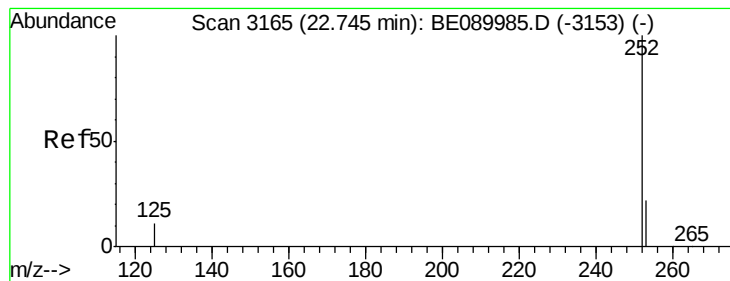


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#33

Benzo(b)fluoranthene

Concen: 1.07 ng

RT: 22.74 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BE090013.D

Acq: 30 Jun 2015 16:35

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

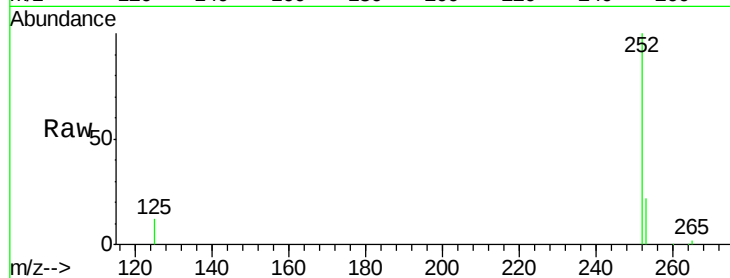
Tgt Ion:252 Resp: 30081

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.8

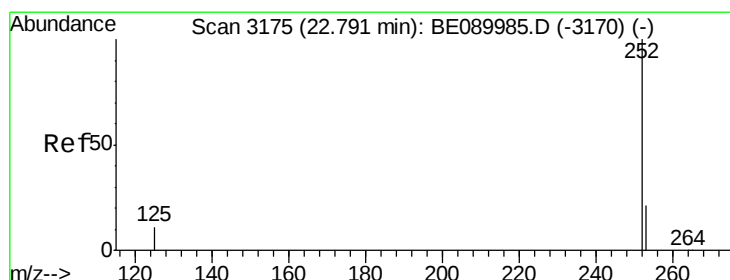
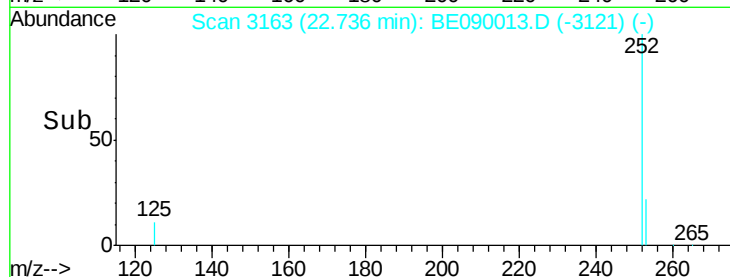
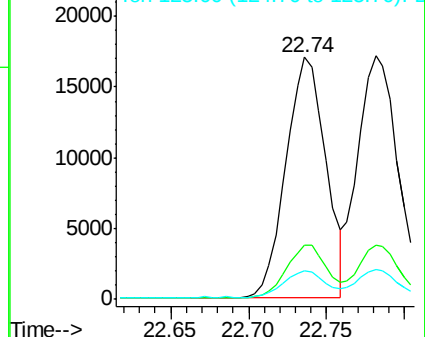
125 12.0 9.0 13.4



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: 1.01 ng

RT: 22.78 min Scan# 3173

Delta R.T. -0.01 min

Lab File: BE090013.D

Acq: 30 Jun 2015 16:35

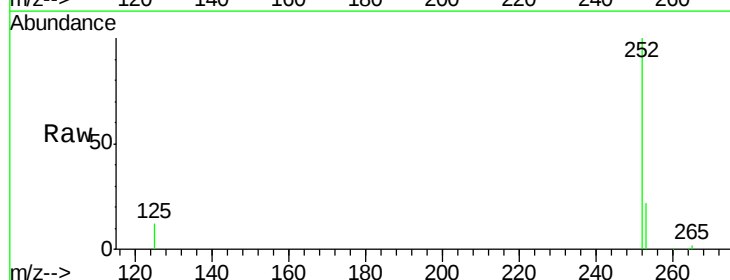
Tgt Ion:252 Resp: 31925

Ion Ratio Lower Upper

252 100

253 22.4 17.5 26.3

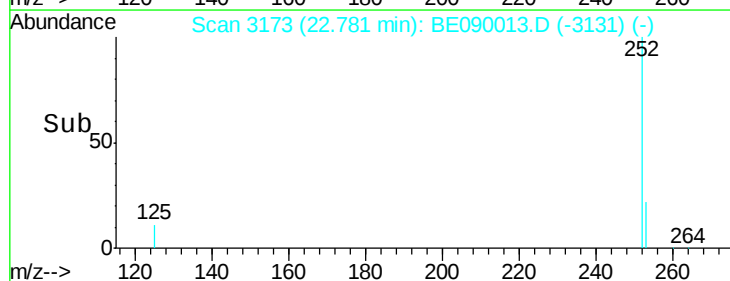
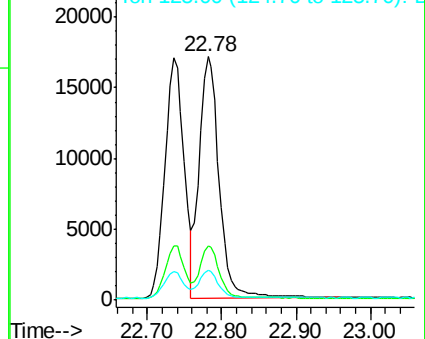
125 12.2 9.5 14.3



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: 1.09 ng

RT: 23.34 min Scan# 3295

Delta R.T. -0.01 min

Lab File: BE090013.D

Acq: 30 Jun 2015 16:35

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

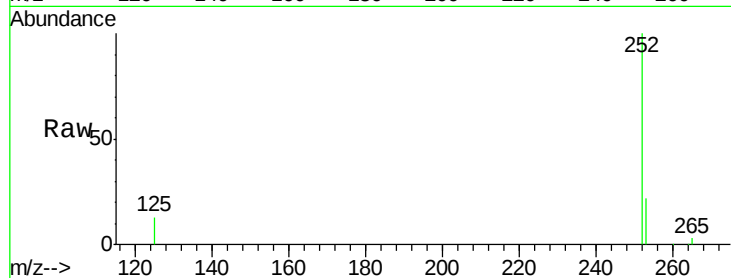
Tgt Ion: 252 Resp: 28401

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

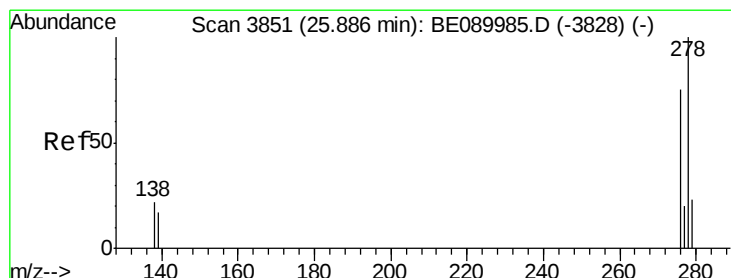
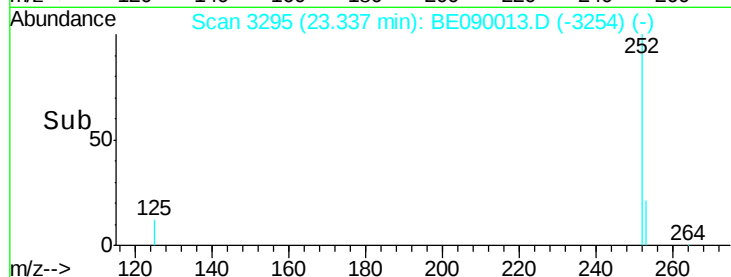
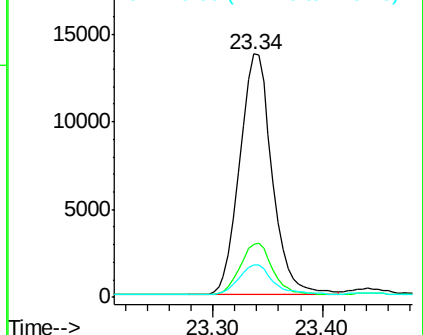
125 13.4 10.5 15.7



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: 1.09 ng

RT: 25.87 min Scan# 3848

Delta R.T. -0.01 min

Lab File: BE090013.D

Acq: 30 Jun 2015 16:35

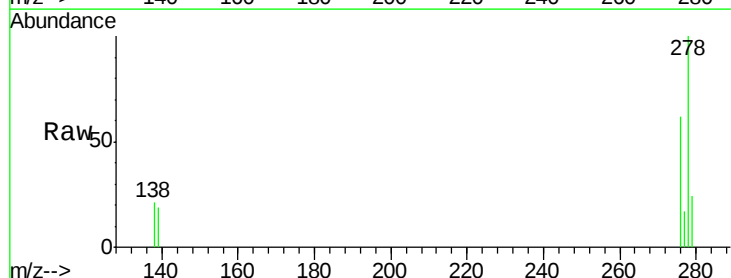
Tgt Ion: 278 Resp: 29035

Ion Ratio Lower Upper

278 100

139 18.5 14.4 21.6

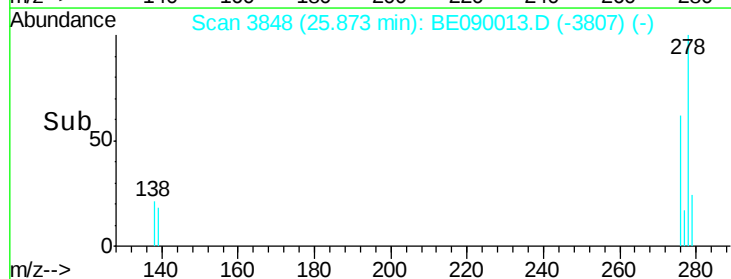
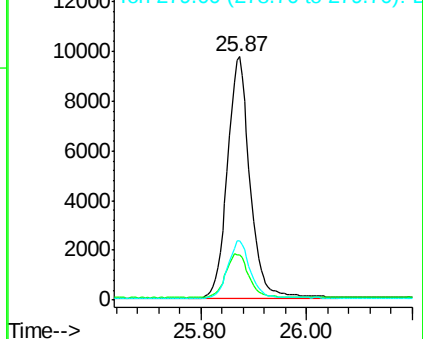
279 24.2 19.0 28.6



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: 1.10 ng

RT: 26.59 min Scan# 4005

Delta R.T. -0.02 min

Lab File: BE090013.D

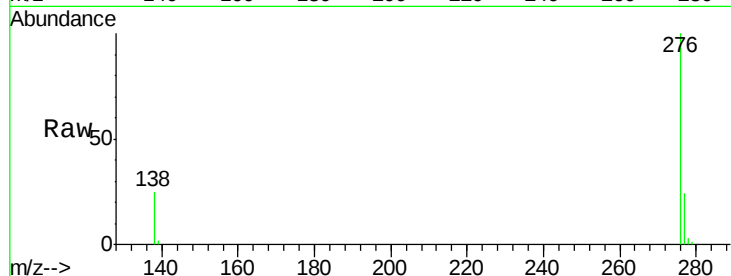
Acq: 30 Jun 2015 16:35

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001



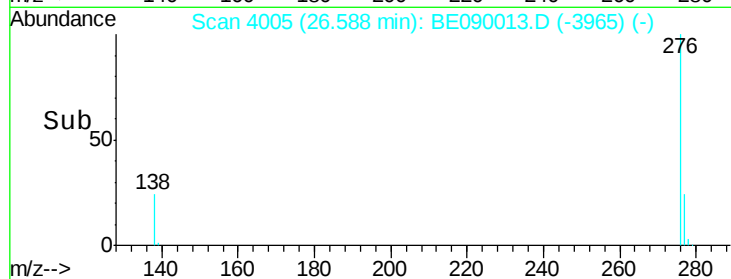
Tgt Ion: 276 Resp: 29721

Ion Ratio Lower Upper

276 100

277 24.1 18.8 28.2

138 25.1 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

