

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE063015\
 Data File : BE090029.D
 Acq On : 1 Jul 2015 2:55
 Operator : TP/IZ
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

Quant Time: Jul 01 06:20:16 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

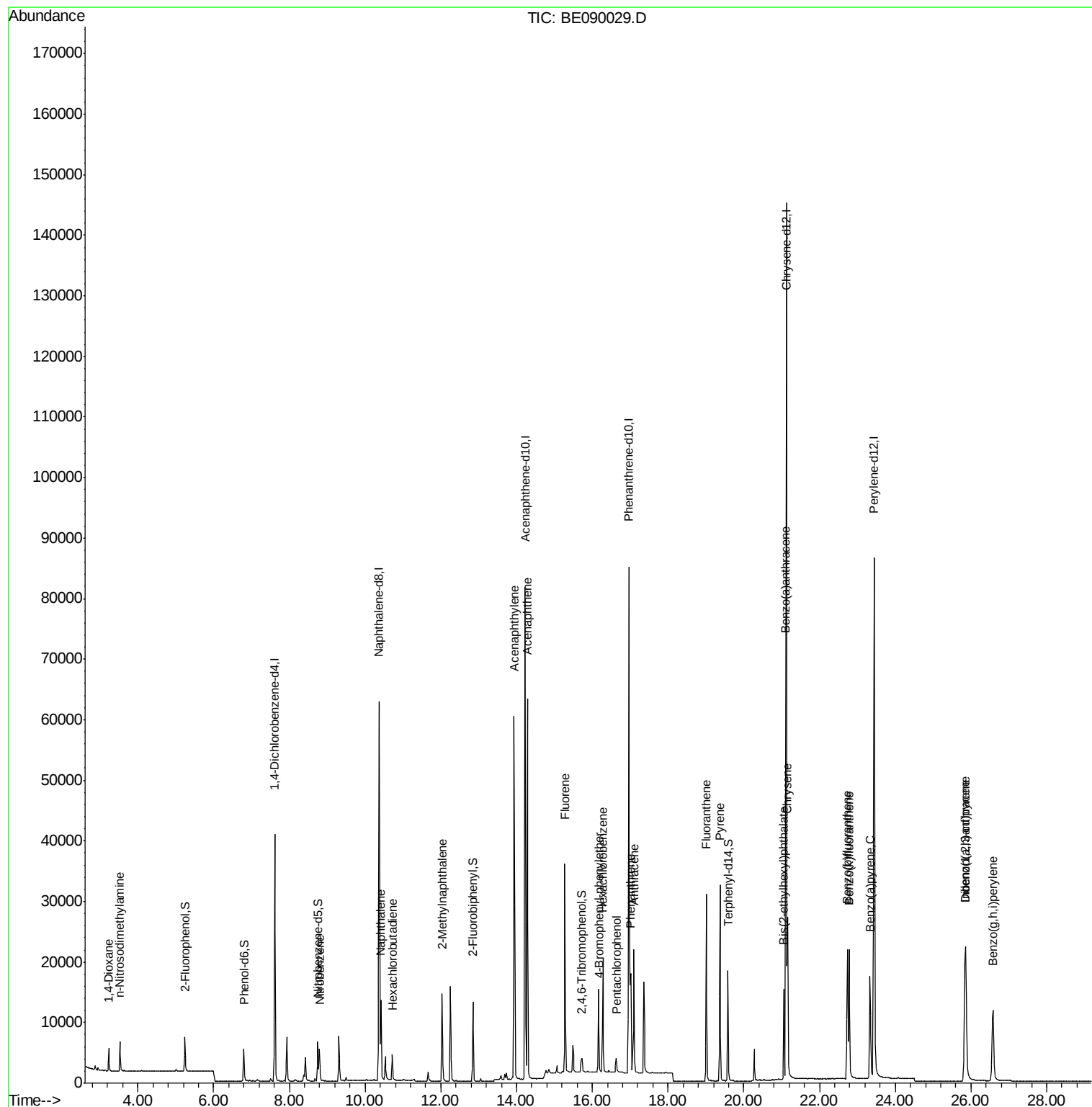
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	19537	5.00	ng	0.00
6) Naphthalene-d8	10.37	136	83059	5.00	ng	-0.01
12) Acenaphthene-d10	14.23	164	45763	5.00	ng	0.00
18) Phenanthrene-d10	16.96	188	104979	5.00	ng	-0.02
25) Chrysene-d12	21.12	240	128679	5.00	ng	-0.01
32) Perylene-d12	23.44	264	123707	5.00	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	4331	0.96	ng	0.00
5) Phenol-d6	6.80	99	6059	0.96	ng	0.00
7) Nitrobenzene-d5	8.75	82	5833	0.88	ng	0.00
13) 2,4,6-Tribromophenol	15.73	330	1259	0.94	ng	0.00
14) 2-Fluorobiphenyl	12.85	172	12695	0.92	ng	0.00
27) Terphenyl-d14	19.58	244	19317	0.90	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.23	88	2305	0.86	ng	94
3) n-Nitrosodimethylamine	3.52	42	2928	0.81	ng	# 90
8) Nitrobenzene	8.79	77	6047	0.86	ng	98
9) Naphthalene	10.42	128	17299	0.92	ng	100
10) Hexachlorobutadiene	10.72	225	2780	0.94	ng	100
11) 2-Methylnaphthalene	12.04	142	11142	0.89	ng	99
15) Acenaphthylene	13.94	152	77694	0.94	ng	100
16) Acenaphthene	14.28	154	11257	0.95	ng	99
17) Fluorene	15.27	166	14597	0.90	ng	100
19) 4-Bromophenyl-phenylether	16.18	248	3922	0.88	ng	96
20) Hexachlorobenzene	16.28	284	16506	0.89	ng	97
21) Pentachlorophenol	16.63	266	1537	0.88	ng	99
22) Phenanthrene	17.01	178	23771	0.88	ng	100
23) Anthracene	17.10	178	22925	0.93	ng	99
24) Fluoranthene	19.01	202	27254	0.91	ng	100
26) Pyrene	19.37	202	28871	0.94	ng	100
28) Benzo(a)anthracene	21.10	228	29776	0.93	ng	98
29) Chrysene	21.16	228	29977	0.90	ng	98
30) Bis(2-ethylhexyl)phthalate	21.05	149	12454	1.10	ng	100
31) Indeno(1,2,3-cd)pyrene	25.84	276	33031	1.03	ng	98
33) Benzo(b)fluoranthene	22.73	252	27942	1.02	ng	99
34) Benzo(k)fluoranthene	22.78	252	30336	0.99	ng	100
35) Benzo(a)pyrene	23.33	252	25941	1.03	ng	99
36) Dibenzo(a,h)anthracene	25.86	278	26388	1.02	ng	99
37) Benzo(g,h,i)perylene	26.58	276	26931	1.03	ng	98

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

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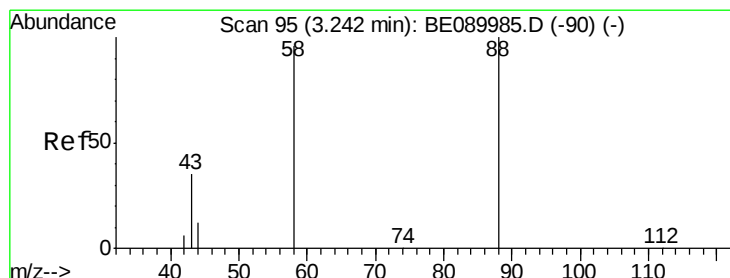
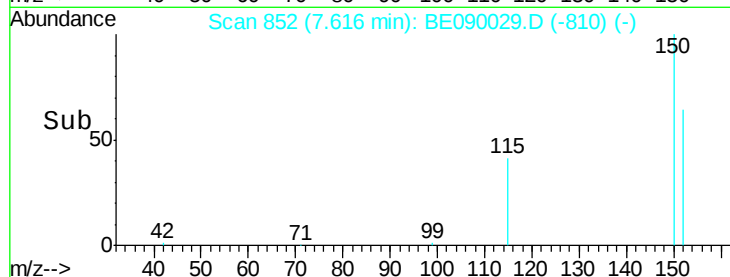
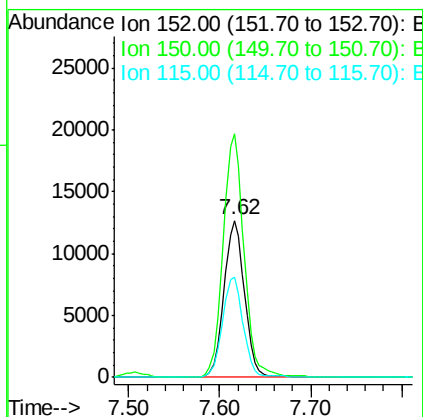
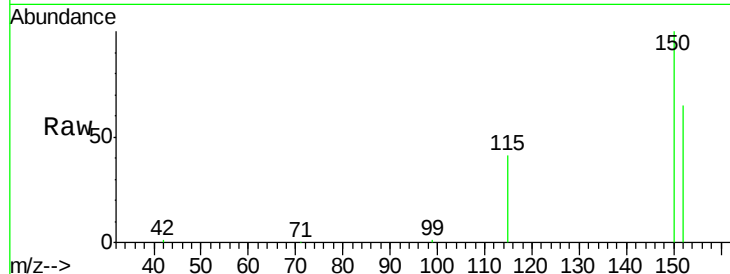




#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.62 min Scan# 852
 Delta R.T. -0.01 min
 Lab File: BE090029.D
 Acq: 1 Jul 2015 2:55

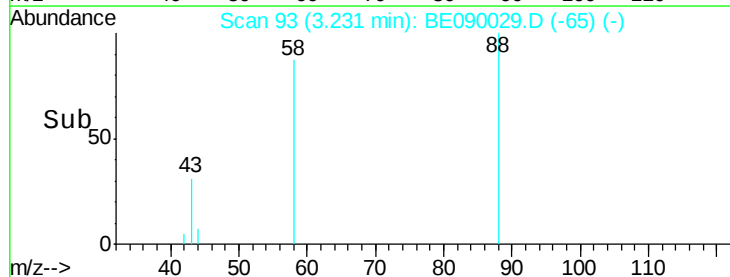
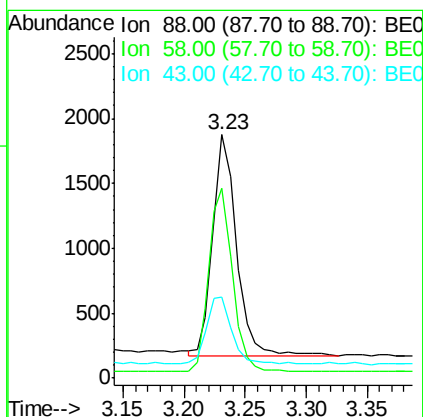
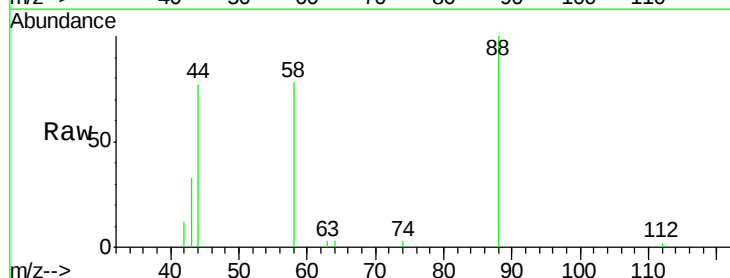
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

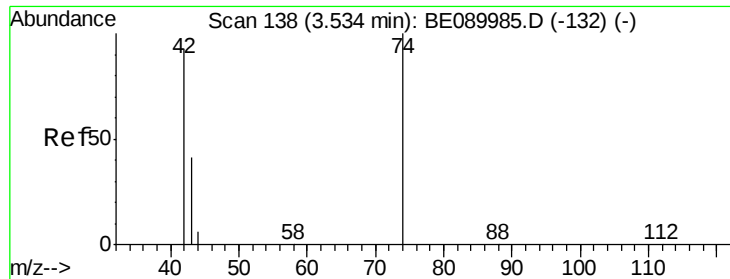
Tgt Ion: 152 Resp: 19537
 Ion Ratio Lower Upper
 152 100
 150 154.9 123.9 185.9
 115 64.0 50.6 76.0



#2
 1,4-Dioxane
 Concen: 0.86 ng
 RT: 3.23 min Scan# 93
 Delta R.T. -0.01 min
 Lab File: BE090029.D
 Acq: 1 Jul 2015 2:55

Tgt Ion: 88 Resp: 2305
 Ion Ratio Lower Upper
 88 100
 58 82.4 70.9 106.3
 43 32.1 27.6 41.4



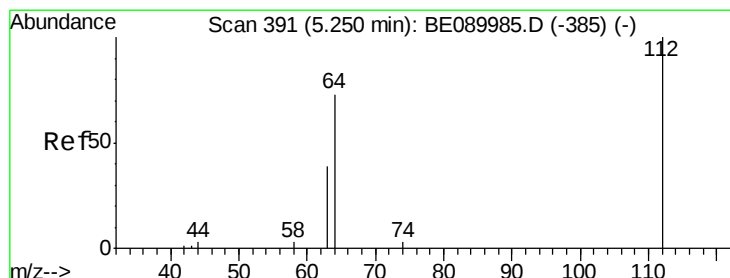
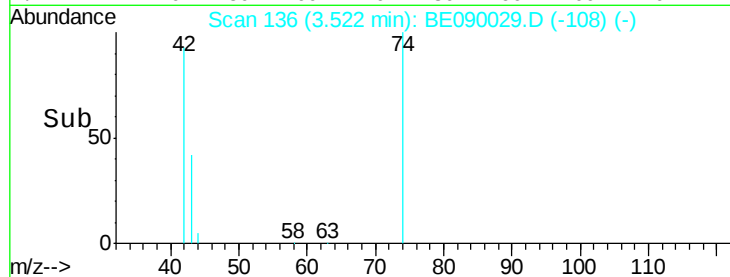
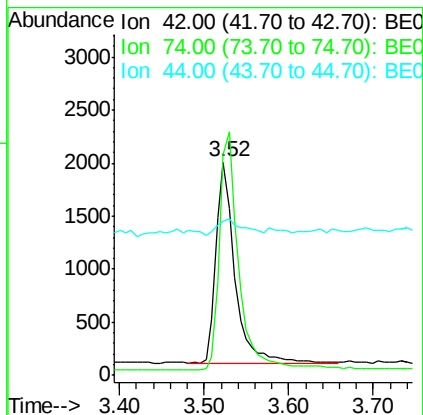
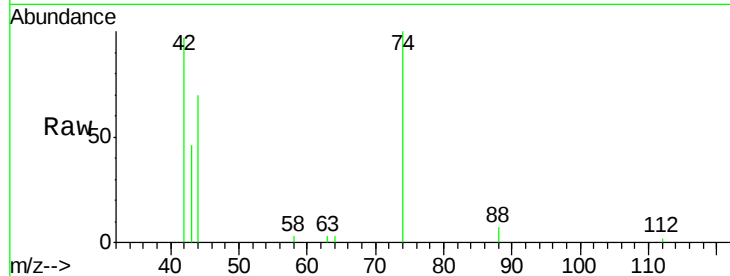


#3

n-Nitrosodimethylamine
 Concen: 0.81 ng
 RT: 3.52 min Scan# 136
 Delta R.T. -0.01 min
 Lab File: BE090029.D
 Acq: 1 Jul 2015 2:55

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

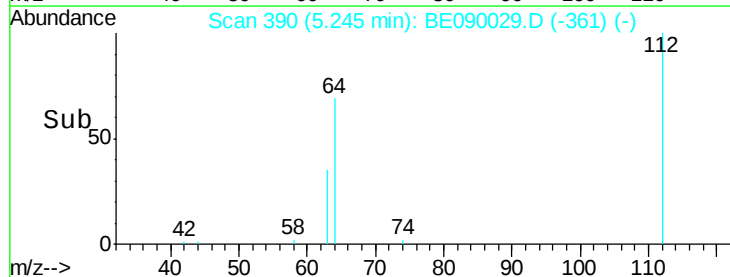
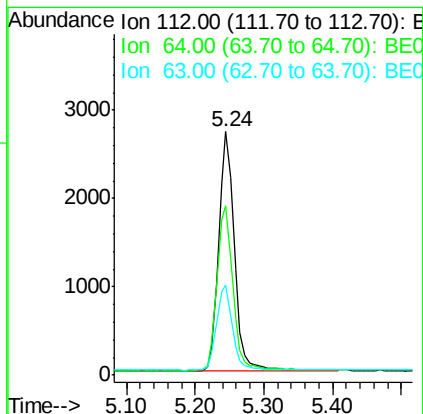
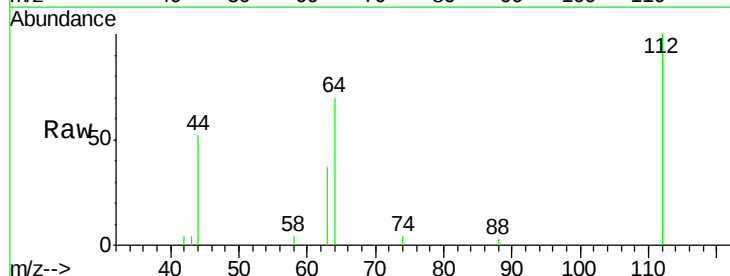
Tgt Ion: 42 Resp: 2928
 Ion Ratio Lower Upper
 42 100
 74 123.2 89.4 134.2
 44 10.5 6.9 10.3#

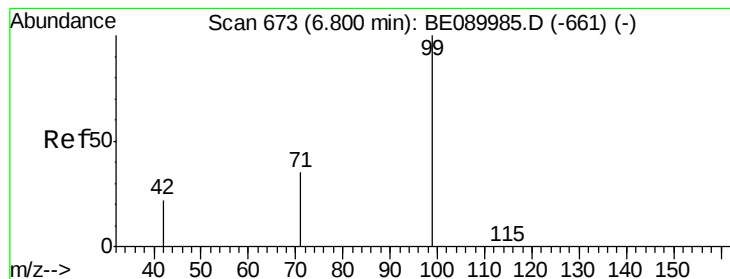


#4

2-Fluorophenol
 Concen: 0.96 ng
 RT: 5.24 min Scan# 390
 Delta R.T. -0.00 min
 Lab File: BE090029.D
 Acq: 1 Jul 2015 2:55

Tgt Ion: 112 Resp: 4331
 Ion Ratio Lower Upper
 112 100
 64 70.2 56.3 84.5
 63 35.9 29.8 44.6





#5

Phenol-d6

Concen: 0.96 ng

RT: 6.80 min Scan# 672

Delta R.T. -0.00 min

Lab File: BE090029.D

Acq: 1 Jul 2015 2:55

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

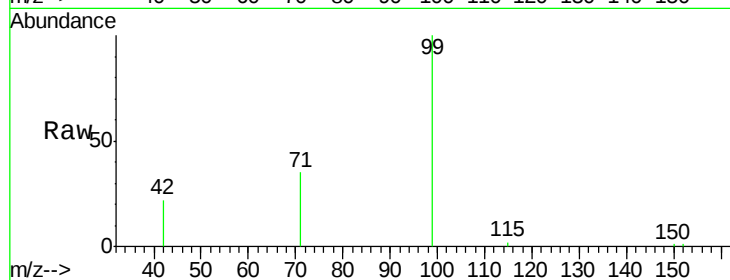
Tgt Ion: 99 Resp: 6059

Ion Ratio Lower Upper

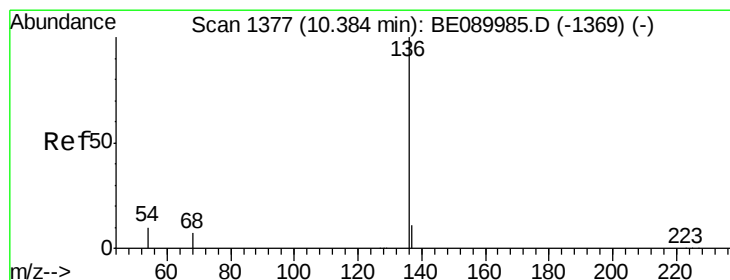
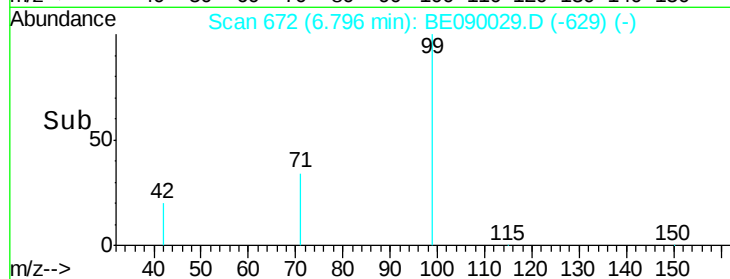
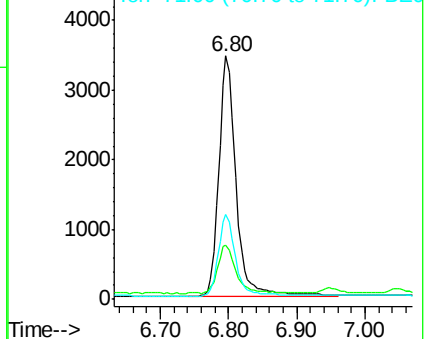
99 100

42 21.3 18.7 28.1

71 33.7 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: BE090029.D

Acq: 1 Jul 2015 2:55

Tgt Ion: 136 Resp: 83059

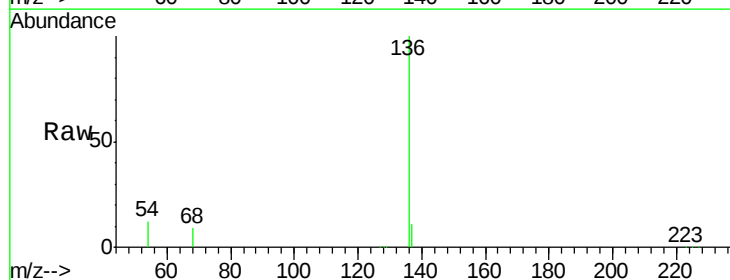
Ion Ratio Lower Upper

136 100

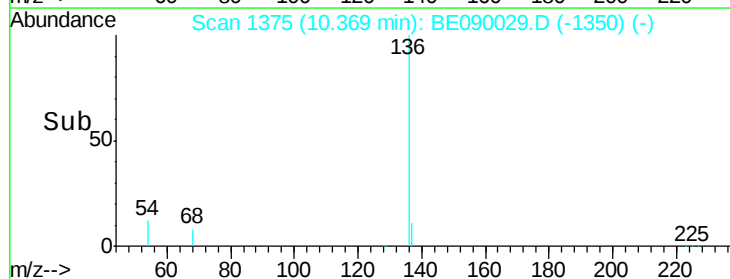
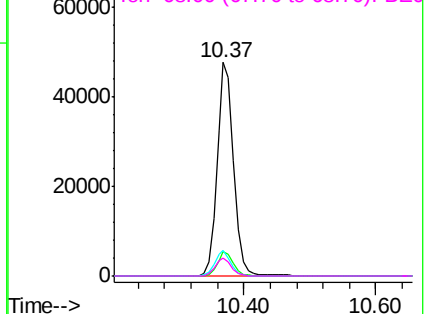
137 11.2 8.9 13.3

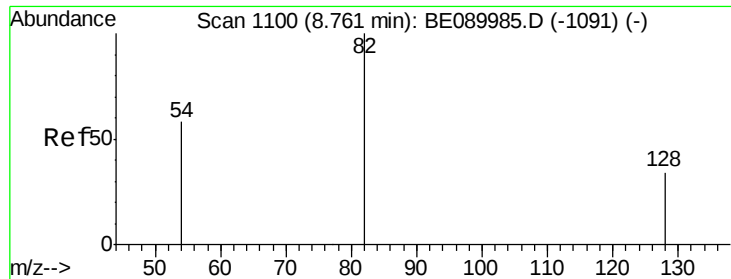
54 11.7 8.2 12.4

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: 8.75 min Scan# 1098

Delta R.T. -0.01 min

Lab File: BE090029.D

Acq: 1 Jul 2015 2:55

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

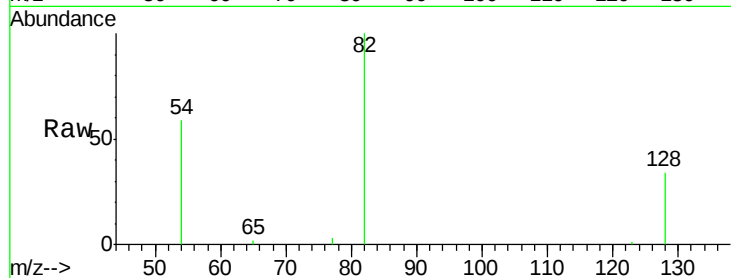
Tgt Ion: 82 Resp: 5833

Ion Ratio Lower Upper

82 100

128 33.9 28.0 42.0

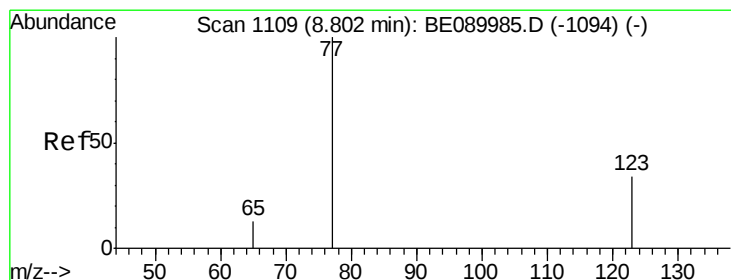
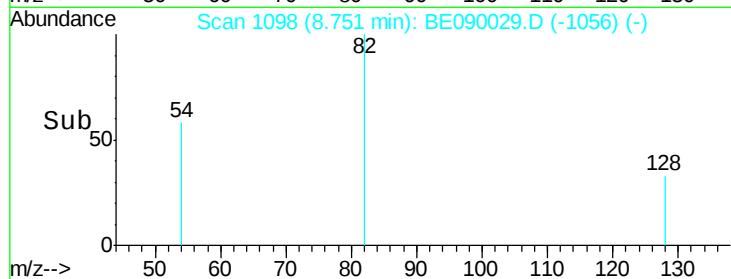
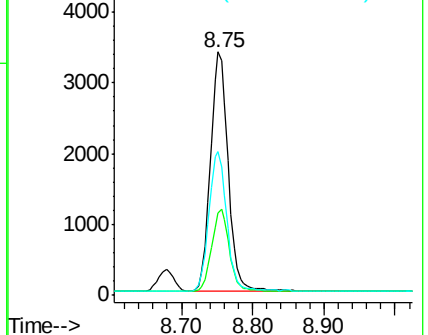
54 59.3 47.6 71.4



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: 0.86 ng

RT: 8.79 min Scan# 1107

Delta R.T. -0.01 min

Lab File: BE090029.D

Acq: 1 Jul 2015 2:55

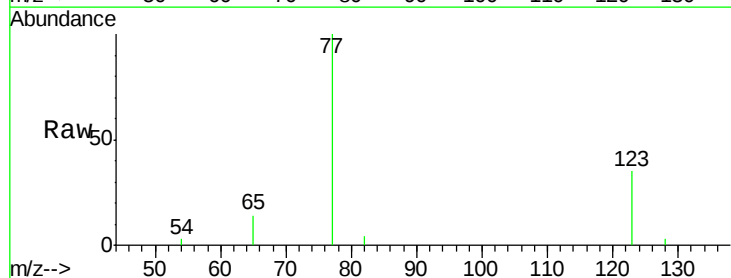
Tgt Ion: 77 Resp: 6047

Ion Ratio Lower Upper

77 100

123 35.8 27.4 41.0

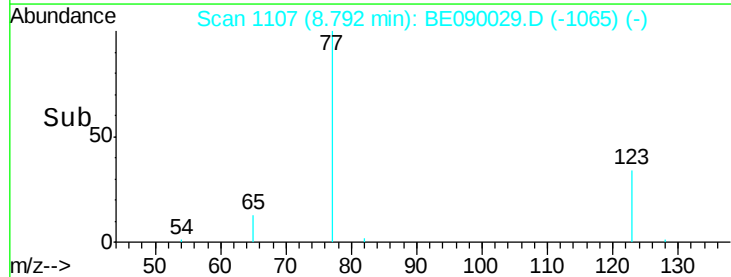
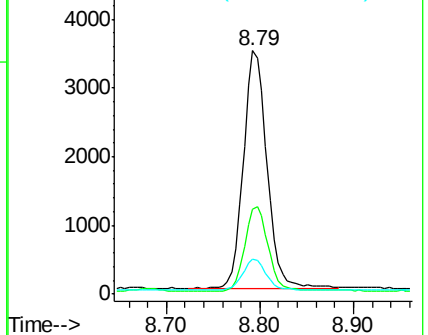
65 13.1 10.6 15.8



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# 1382

Delta R.T. -0.01 min

Lab File: BE090029.D

Acq: 1 Jul 2015 2:55

Instrument :

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ClientSampleId :

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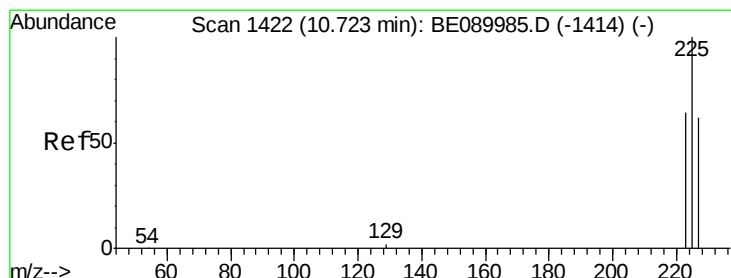
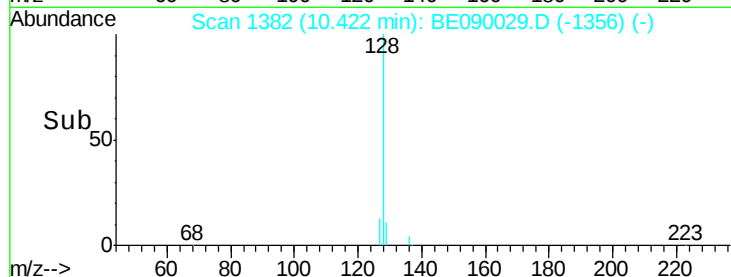
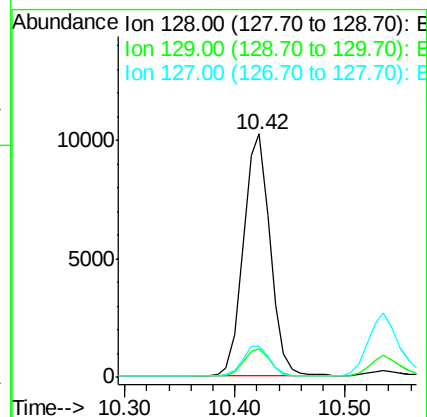
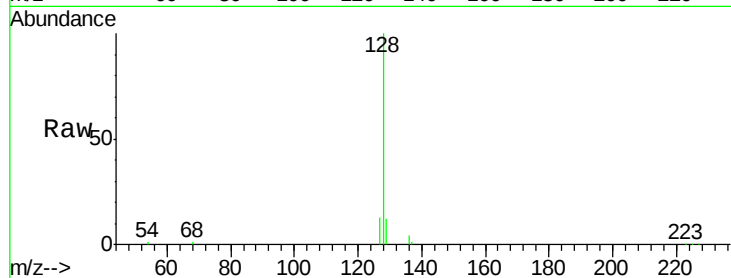
Tgt Ion:128 Resp: 17299

Ion Ratio Lower Upper

128 100

129 11.6 9.3 13.9

127 13.0 10.2 15.4



#10

Hexachlorobutadiene

Concen: 0.94 ng

RT: 10.72 min Scan# 1421

Delta R.T. -0.01 min

Lab File: BE090029.D

Acq: 1 Jul 2015 2:55

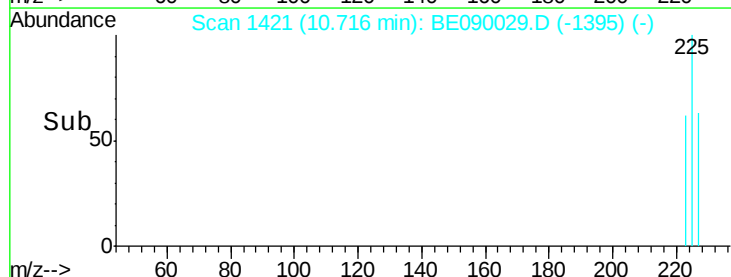
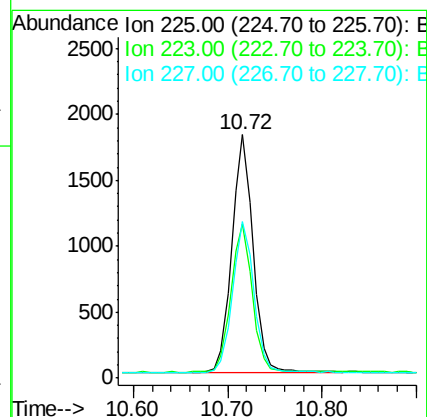
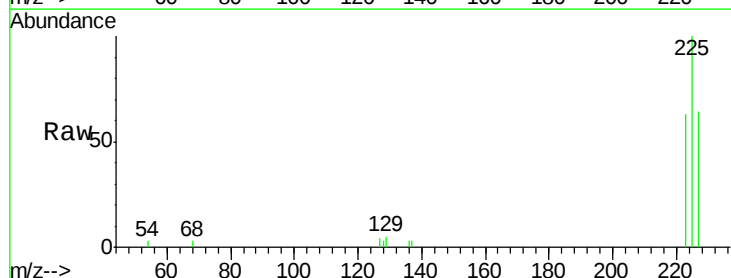
Tgt Ion:225 Resp: 2780

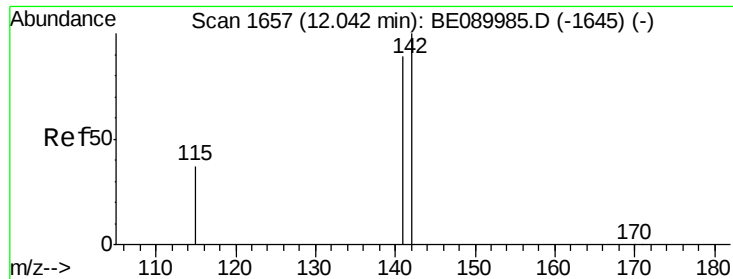
Ion Ratio Lower Upper

225 100

223 62.7 50.1 75.1

227 64.1 50.9 76.3

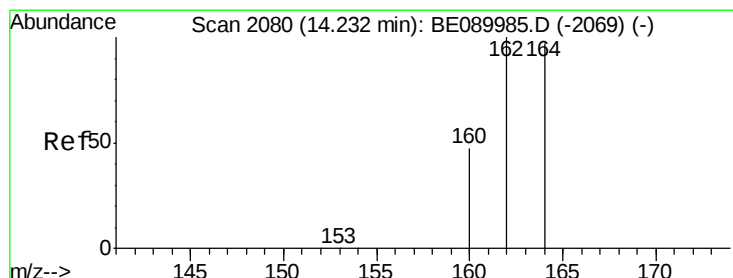
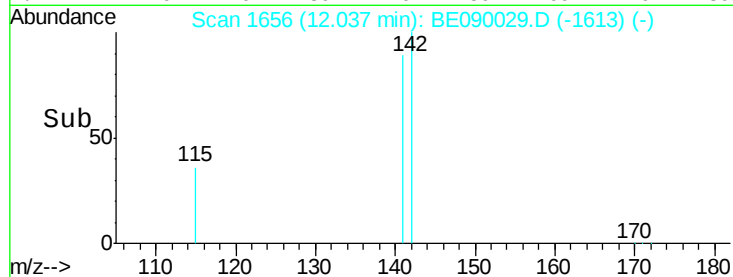
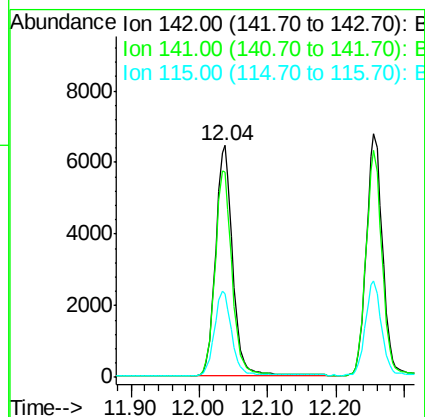
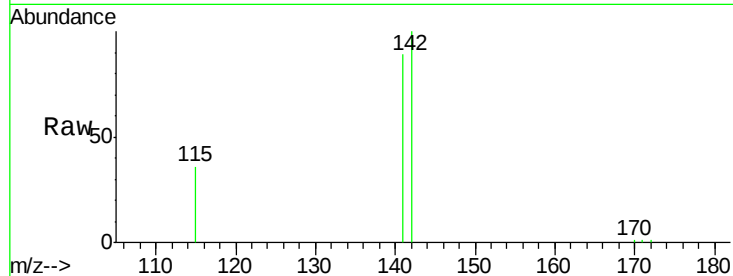




#11
2-Methylnaphthalene
Concen: 0.89 ng
RT: 12.04 min Scan# 1656
Delta R.T. -0.00 min
Lab File: BE090029.D
Acq: 1 Jul 2015 2:55

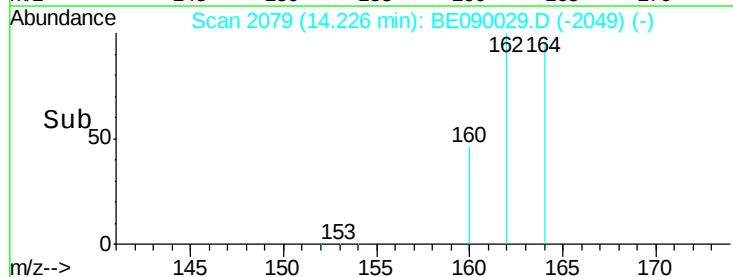
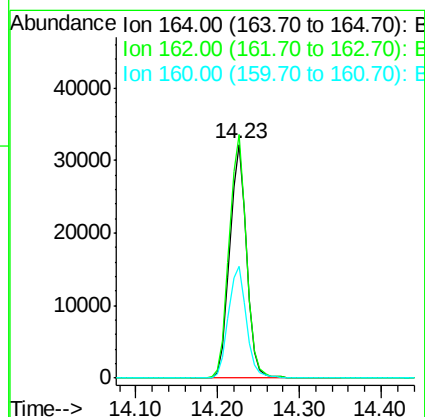
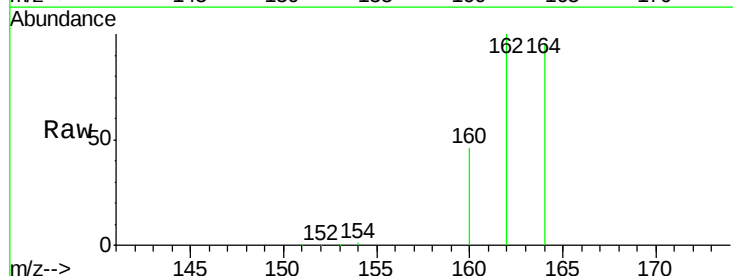
Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:142 Resp: 11142
Ion Ratio Lower Upper
142 100
141 88.6 71.3 106.9
115 36.2 30.4 45.6



#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.23 min Scan# 2079
Delta R.T. -0.01 min
Lab File: BE090029.D
Acq: 1 Jul 2015 2:55

Tgt Ion:164 Resp: 45763
Ion Ratio Lower Upper
164 100
162 104.1 82.2 123.4
160 48.0 39.0 58.6

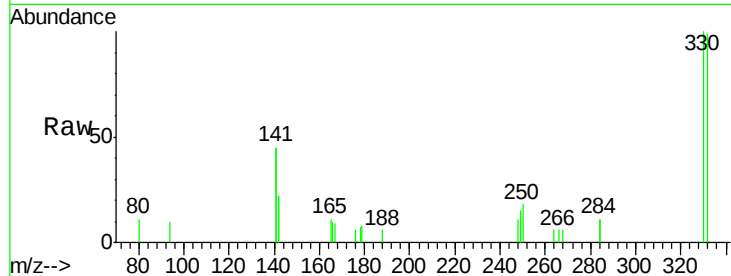




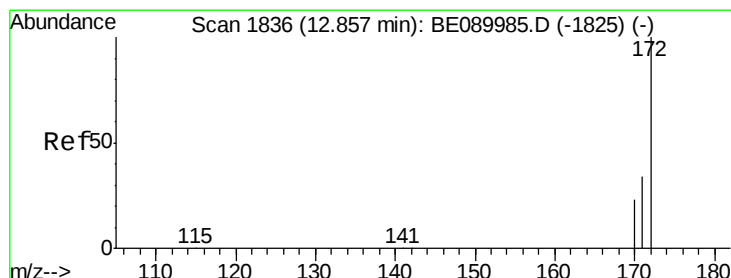
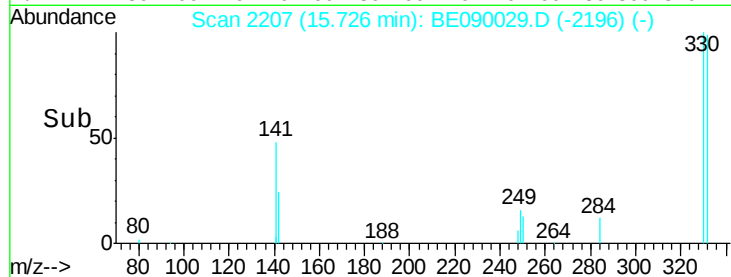
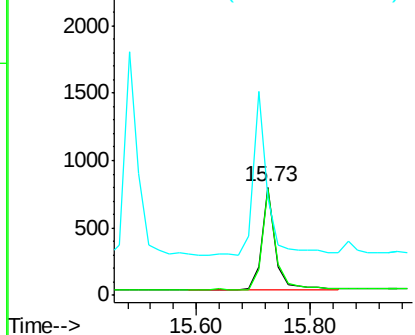
#13
 2,4,6-Tribromophenol
 Concen: 0.94 ng
 RT: 15.73 min Scan# 2207
 Delta R.T. -0.00 min
 Lab File: BE090029.D
 Acq: 1 Jul 2015 2:55

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

Tgt Ion: 330 Resp: 1259
 Ion Ratio Lower Upper
 330 100
 332 99.7 76.4 114.6
 141 169.3 130.3 195.5

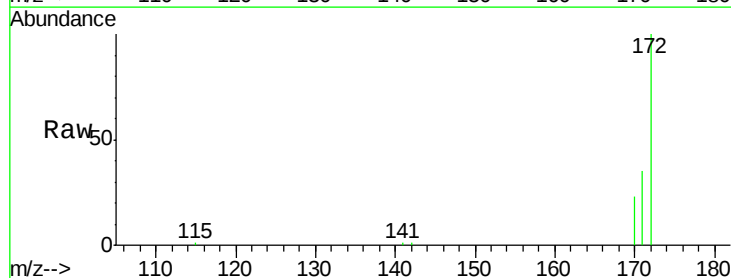


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

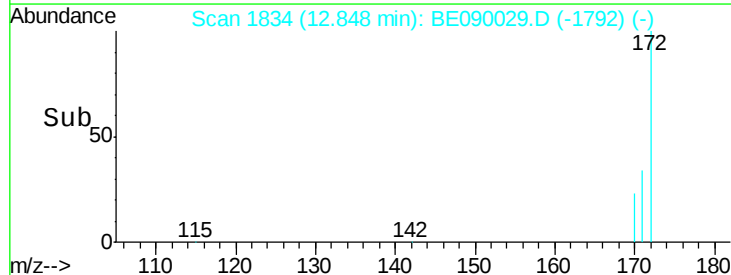
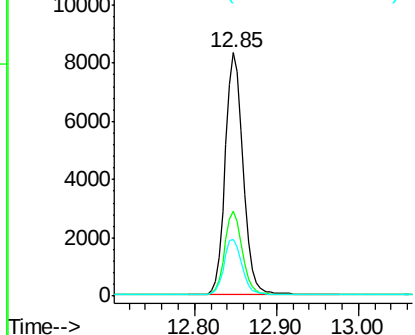


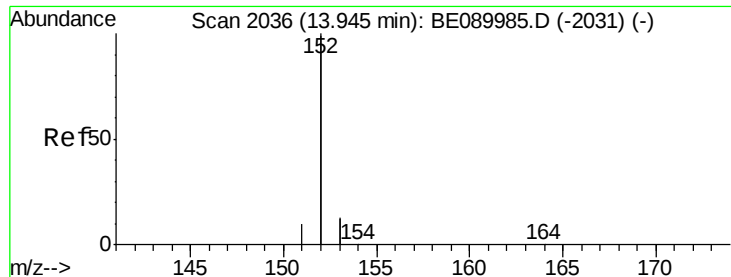
#14
 2-Fluorobiphenyl
 Concen: 0.92 ng
 RT: 12.85 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BE090029.D
 Acq: 1 Jul 2015 2:55

Tgt Ion: 172 Resp: 12695
 Ion Ratio Lower Upper
 172 100
 171 34.9 27.8 41.6
 170 23.5 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: BE090029.D

Acq: 1 Jul 2015 2:55

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

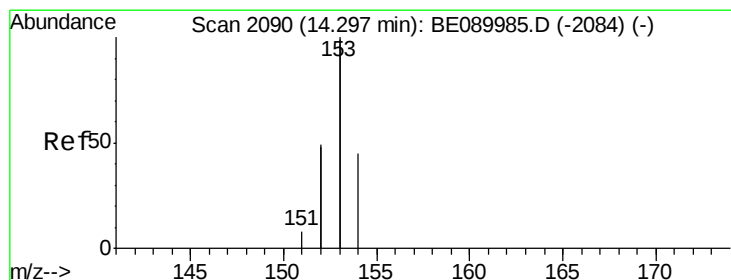
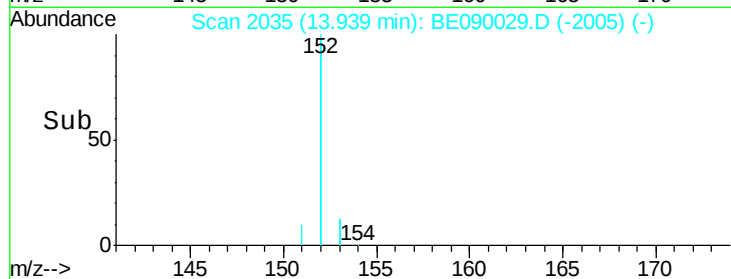
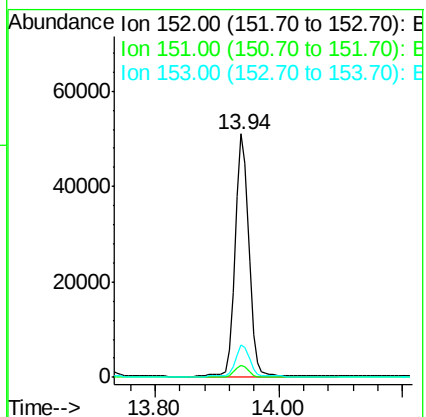
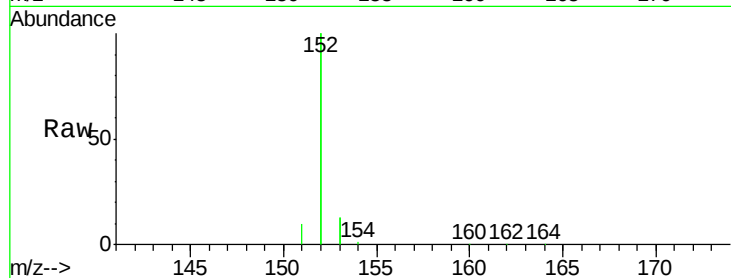
Tgt Ion:152 Resp: 77694

Ion Ratio Lower Upper

152 100

151 4.9 3.9 5.9

153 13.0 10.4 15.6



#16

Acenaphthene

Concen: 0.95 ng

RT: 14.28 min Scan# 2088

Delta R.T. -0.01 min

Lab File: BE090029.D

Acq: 1 Jul 2015 2:55

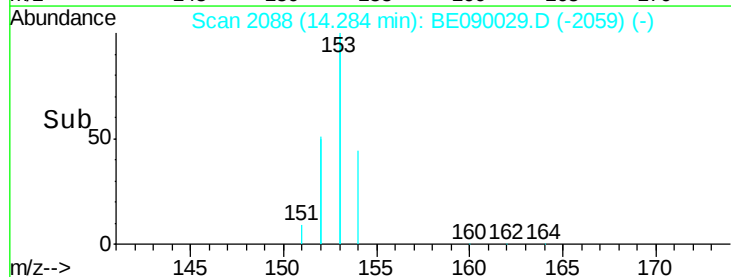
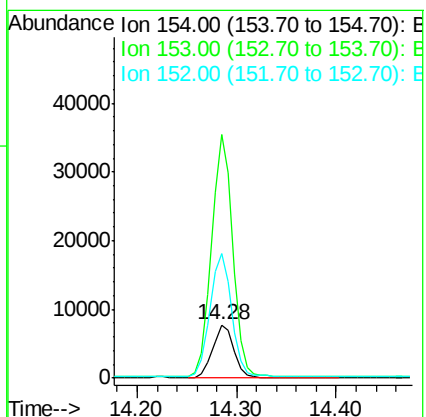
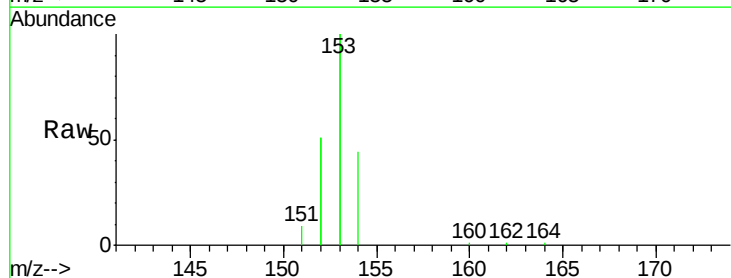
Tgt Ion:154 Resp: 11257

Ion Ratio Lower Upper

154 100

153 452.9 358.6 538.0

152 235.6 189.6 284.4





#17

Fluorene

Concen: 0.90 ng

RT: 15.27 min Scan# 2181

Delta R.T. -0.02 min

Lab File: BE090029.D

Acq: 1 Jul 2015 2:55

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

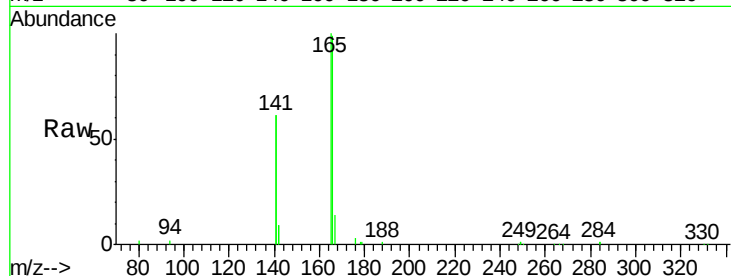
Tgt Ion:166 Resp: 14597

Ion Ratio Lower Upper

166 100

165 98.8 79.0 118.6

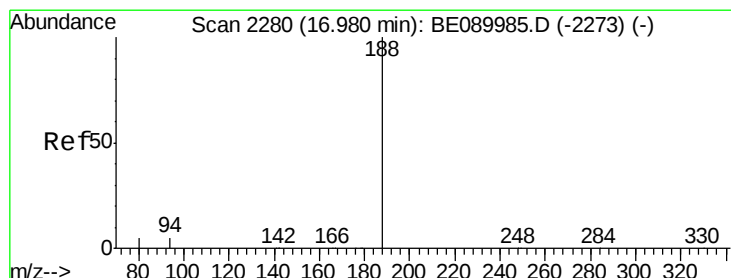
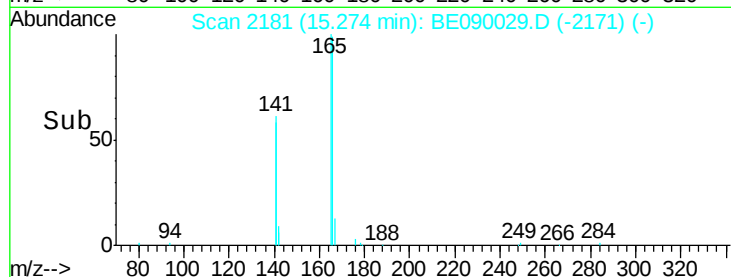
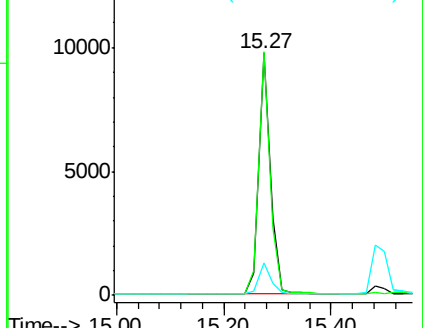
167 14.3 11.8 17.8



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



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.96 min Scan# 2278

Delta R.T. -0.02 min

Lab File: BE090029.D

Acq: 1 Jul 2015 2:55

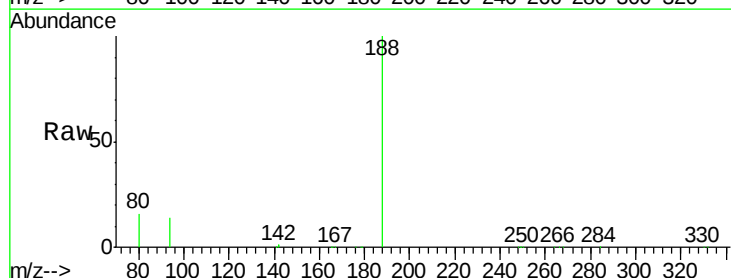
Tgt Ion:188 Resp: 104979

Ion Ratio Lower Upper

188 100

94 14.1 4.1 6.1#

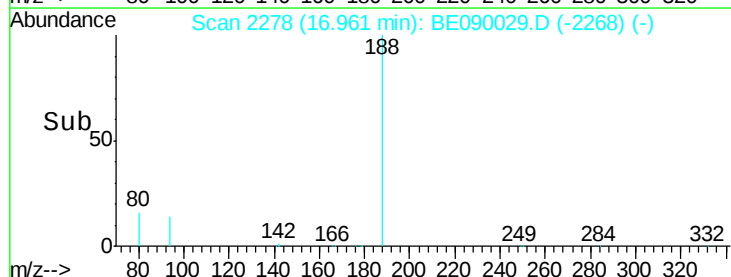
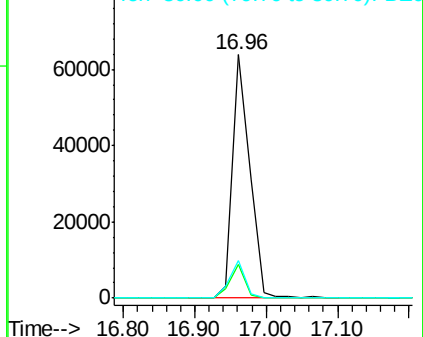
80 15.6 4.2 6.2#



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





#19

4-Bromophenyl-phenylether

Concen: 0.88 ng

RT: 16.18 min Scan# 2233

Delta R.T. -0.00 min

Lab File: BE090029.D

Acq: 1 Jul 2015 2:55

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

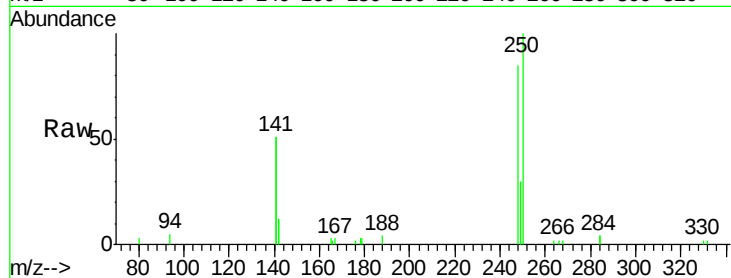
Tgt Ion:248 Resp: 3922

Ion Ratio Lower Upper

248 100

250 99.5 78.3 117.5

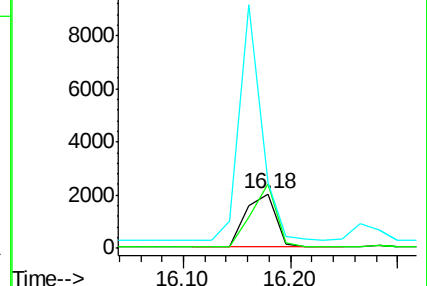
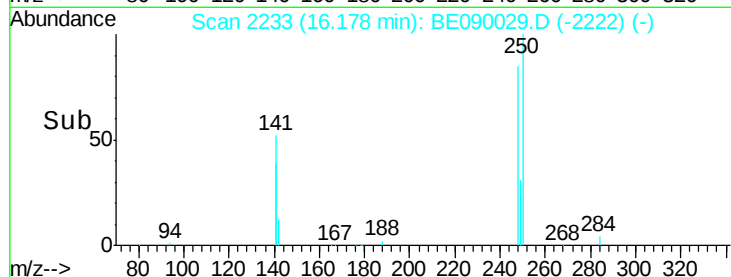
141 319.5 248.1 372.1



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: 0.89 ng

RT: 16.28 min Scan# 2239

Delta R.T. -0.02 min

Lab File: BE090029.D

Acq: 1 Jul 2015 2:55

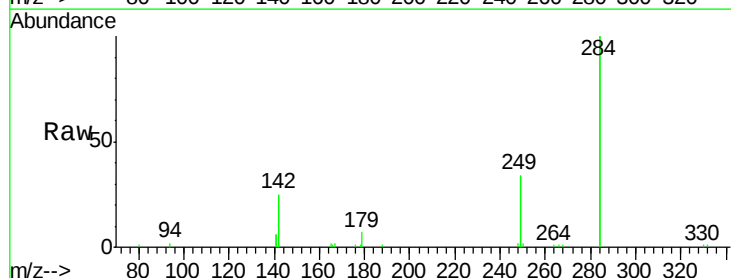
Tgt Ion:284 Resp: 16506

Ion Ratio Lower Upper

284 100

142 39.2 32.6 49.0

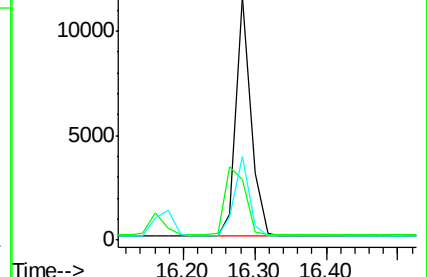
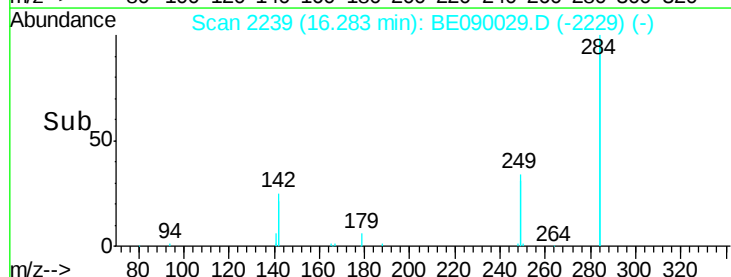
249 33.7 25.5 38.3

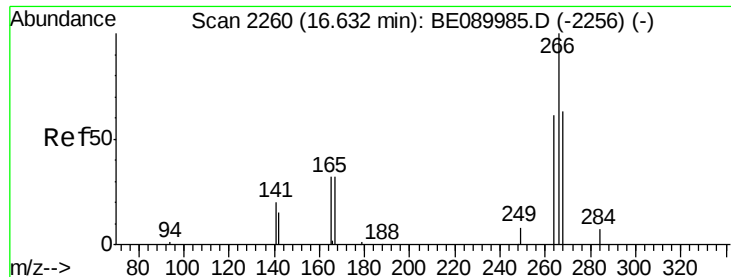


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

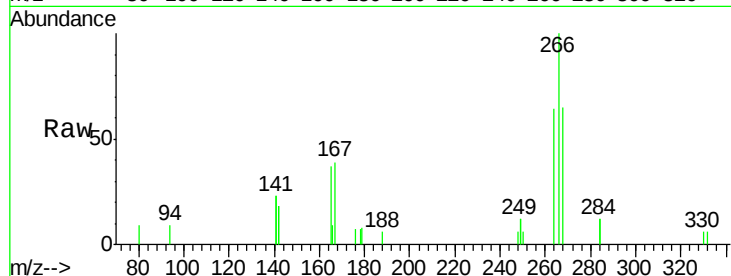




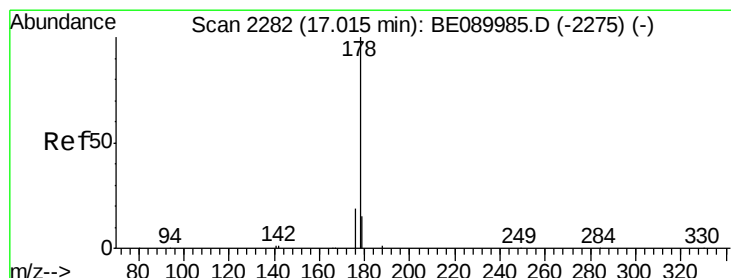
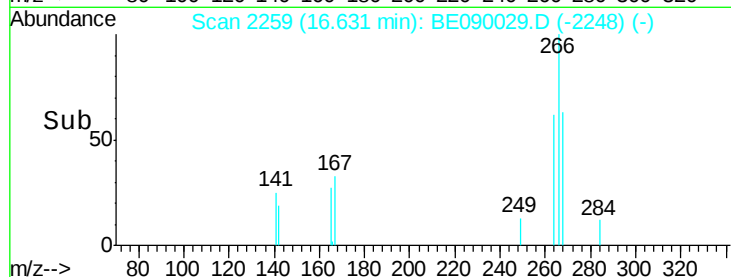
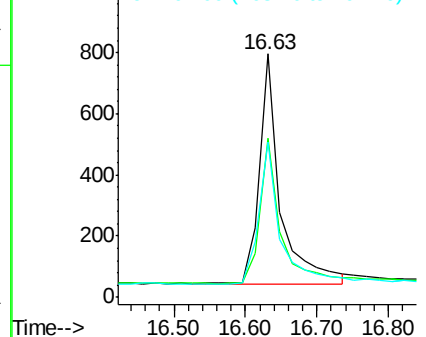
#21
 Pentachlorophenol
 Concen: 0.88 ng
 RT: 16.63 min Scan# 2259
 Delta R.T. -0.00 min
 Lab File: BE090029.D
 Acq: 1 Jul 2015 2:55

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

Tgt Ion: 266 Resp: 1537
 Ion Ratio Lower Upper
 266 100
 268 65.2 51.8 77.8
 264 63.7 50.2 75.2

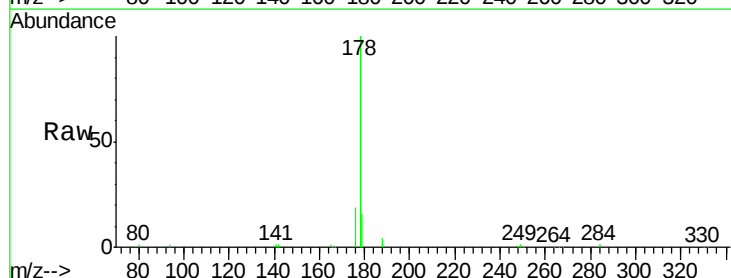


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

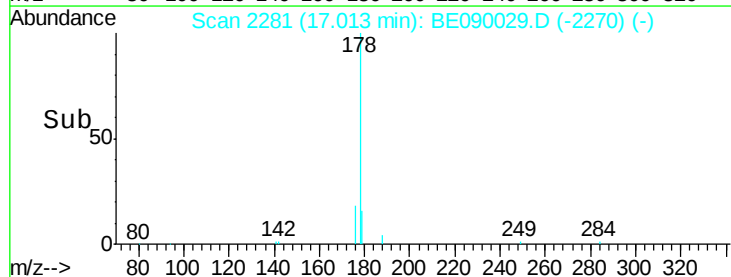
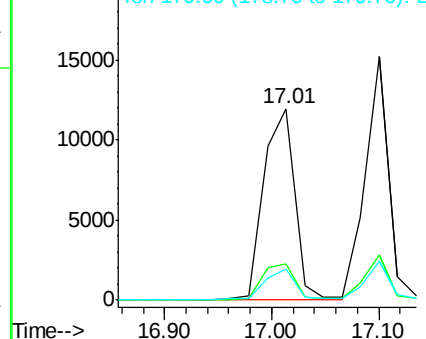


#22
 Phenanthrene
 Concen: 0.88 ng
 RT: 17.01 min Scan# 2281
 Delta R.T. -0.00 min
 Lab File: BE090029.D
 Acq: 1 Jul 2015 2:55

Tgt Ion: 178 Resp: 23771
 Ion Ratio Lower Upper
 178 100
 176 19.3 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: 0.93 ng

RT: 17.10 min Scan# 2286

Delta R.T. -0.00 min

Lab File: BE090029.D

Acq: 1 Jul 2015 2:55

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

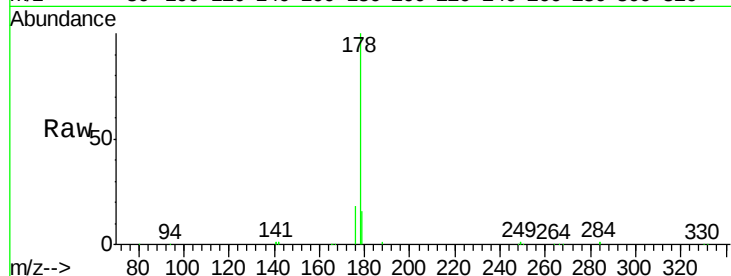
Tgt Ion:178 Resp: 22925

Ion Ratio Lower Upper

178 100

176 18.6 14.7 22.1

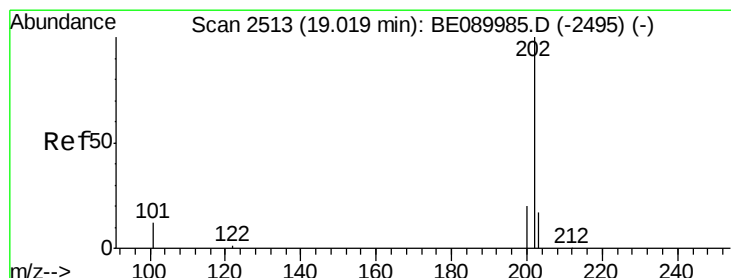
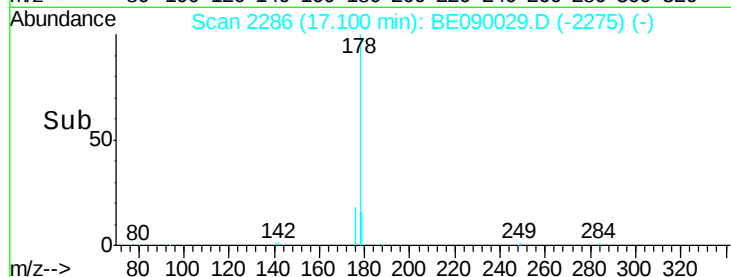
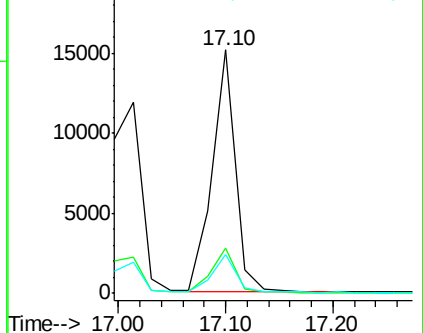
179 15.5 12.1 18.1



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: 0.91 ng

RT: 19.01 min Scan# 2510

Delta R.T. -0.01 min

Lab File: BE090029.D

Acq: 1 Jul 2015 2:55

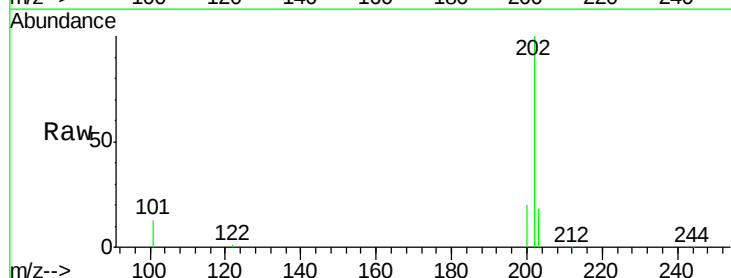
Tgt Ion:202 Resp: 27254

Ion Ratio Lower Upper

202 100

101 13.2 10.6 15.8

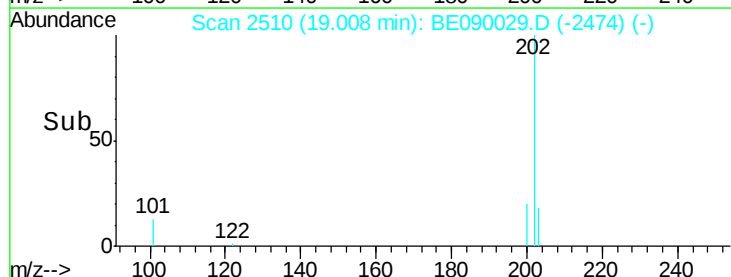
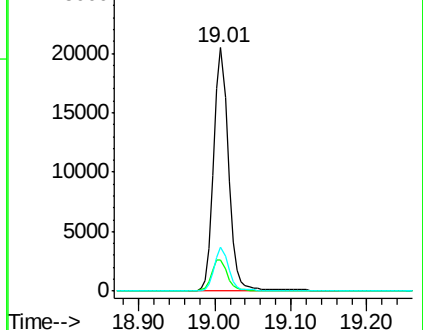
203 17.3 13.8 20.6



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: 21.12 min Scan# 2868

Delta R.T. -0.01 min

Lab File: BE090029.D

Acq: 1 Jul 2015 2:55

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

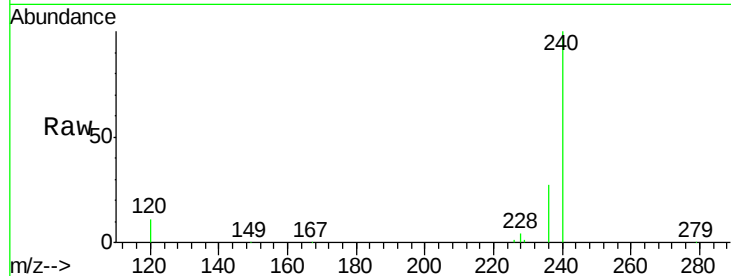
Tgt Ion:240 Resp: 128679

Ion Ratio Lower Upper

240 100

120 10.9 6.9 10.3#

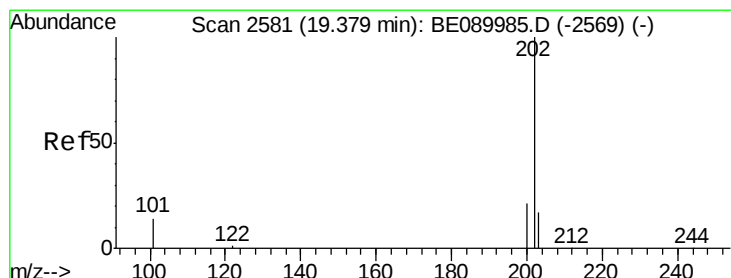
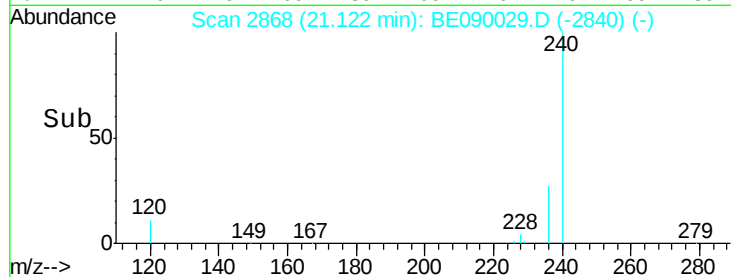
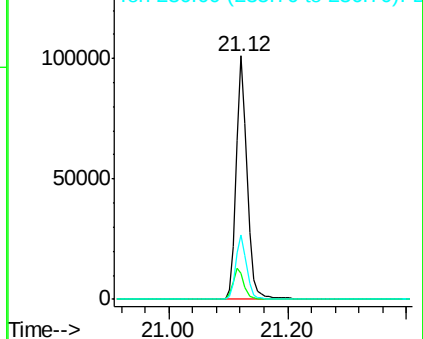
236 26.7 20.8 31.2



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# 2578

Delta R.T. -0.01 min

Lab File: BE090029.D

Acq: 1 Jul 2015 2:55

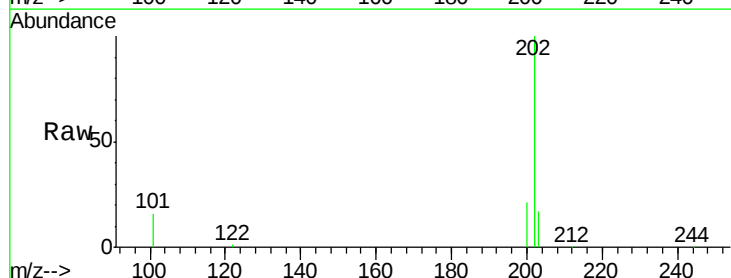
Tgt Ion:202 Resp: 28871

Ion Ratio Lower Upper

202 100

200 20.8 16.8 25.2

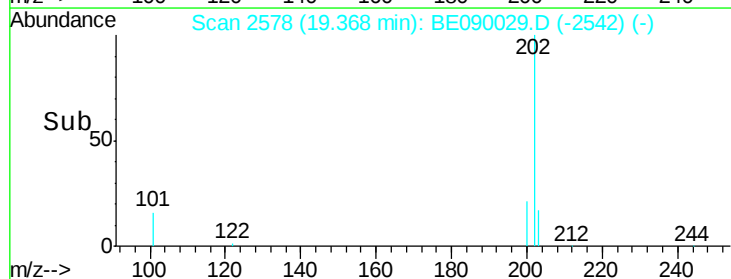
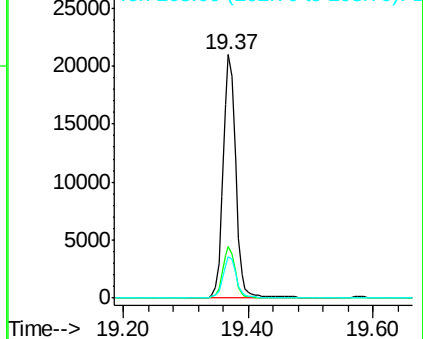
203 17.2 13.9 20.9



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

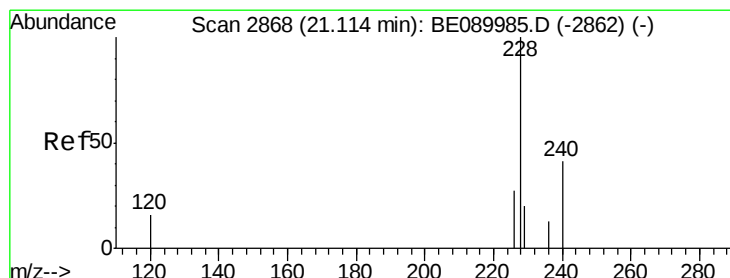
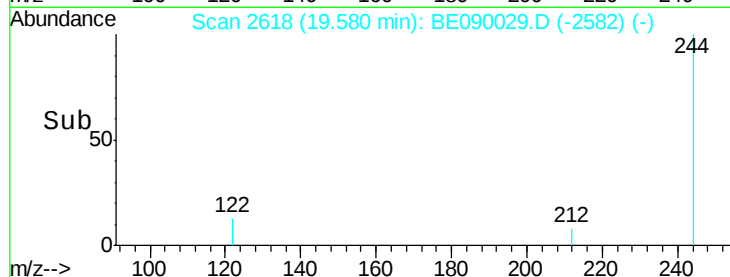
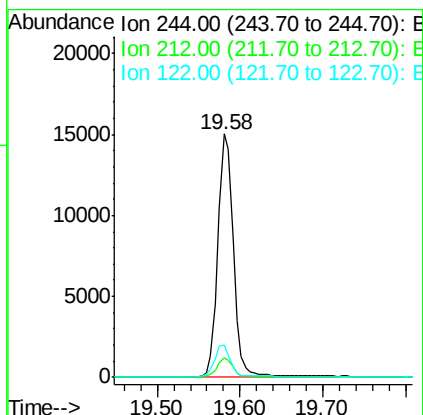
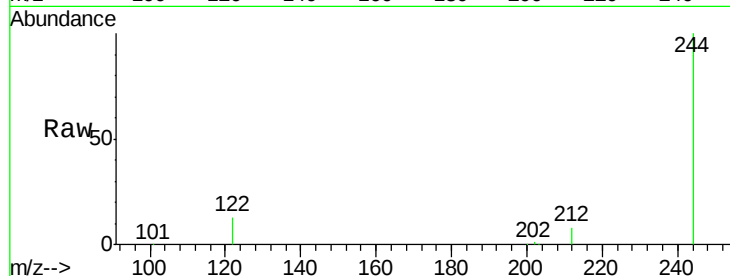




#27
 Terphenyl-d14
 Concen: 0.90 ng
 RT: 19.58 min Scan# 2618
 Delta R.T. -0.01 min
 Lab File: BE090029.D
 Acq: 1 Jul 2015 2:55

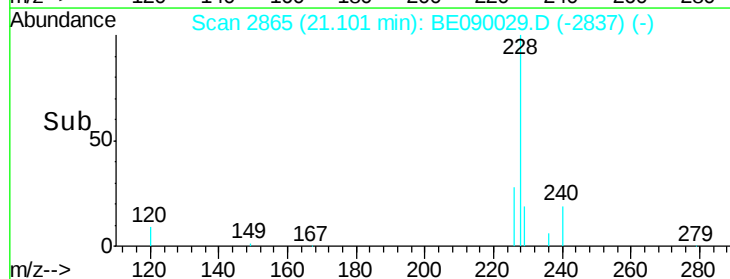
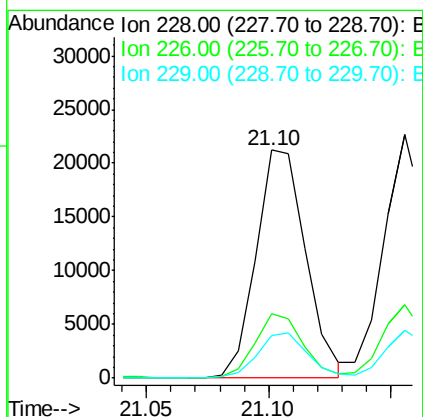
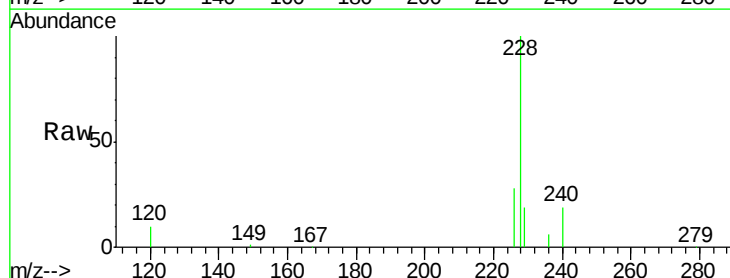
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

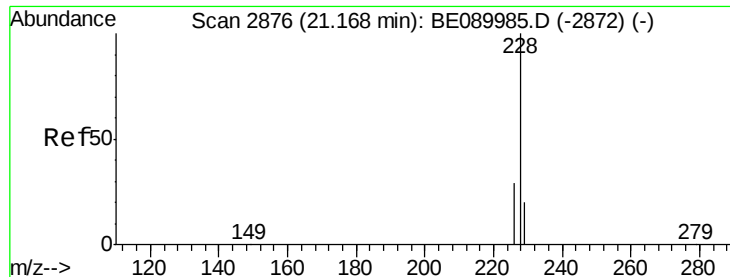
Tgt Ion:244 Resp: 19317
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.6 9.8
 122 13.4 9.8 14.8



#28
 Benzo(a)anthracene
 Concen: 0.93 ng
 RT: 21.10 min Scan# 2865
 Delta R.T. -0.01 min
 Lab File: BE090029.D
 Acq: 1 Jul 2015 2:55

Tgt Ion:228 Resp: 29776
 Ion Ratio Lower Upper
 228 100
 226 28.2 21.8 32.6
 229 18.9 15.8 23.6





#29

Chrysene

Concen: 0.90 ng

RT: 21.16 min Scan# 2873

Delta R.T. -0.01 min

Lab File: BE090029.D

Acq: 1 Jul 2015 2:55

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

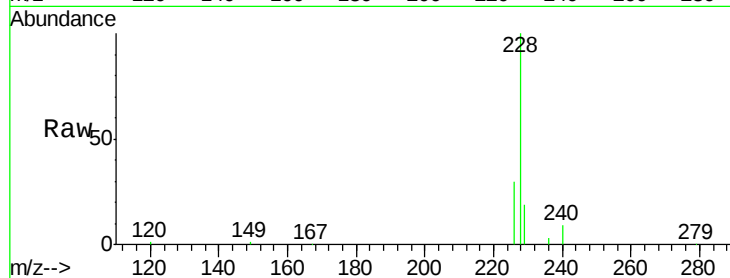
Tgt Ion:228 Resp: 29977

Ion Ratio Lower Upper

228 100

226 30.1 23.4 35.0

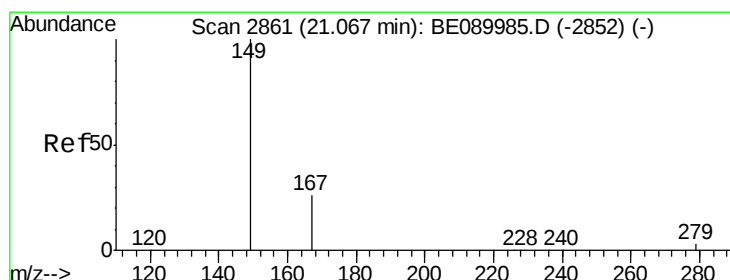
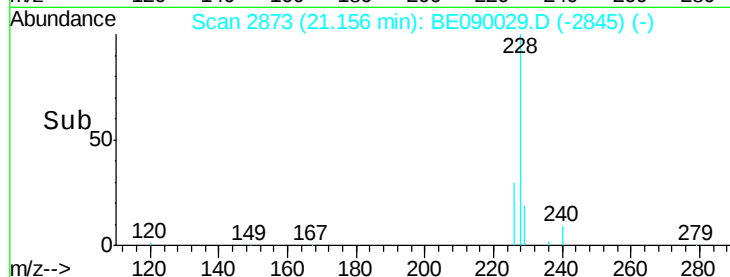
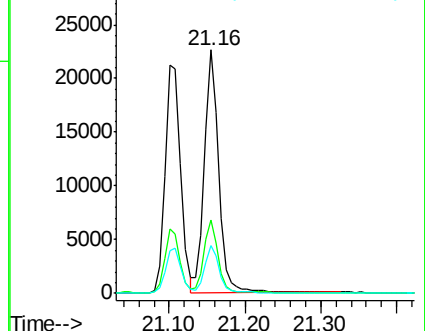
229 19.4 16.2 24.2



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: 1.10 ng

RT: 21.05 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BE090029.D

Acq: 1 Jul 2015 2:55

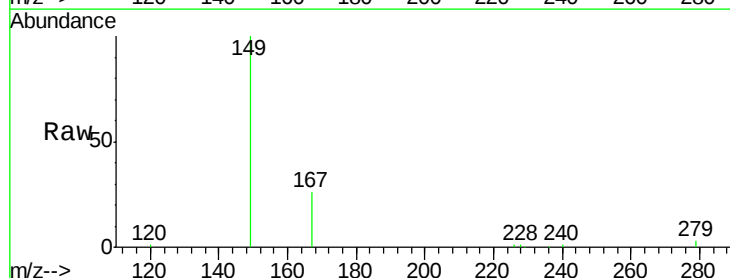
Tgt Ion:149 Resp: 12454

Ion Ratio Lower Upper

149 100

167 25.5 20.3 30.5

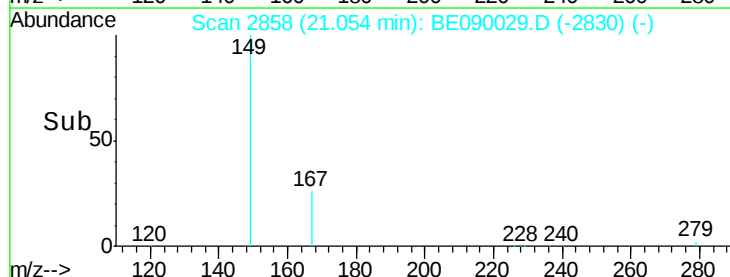
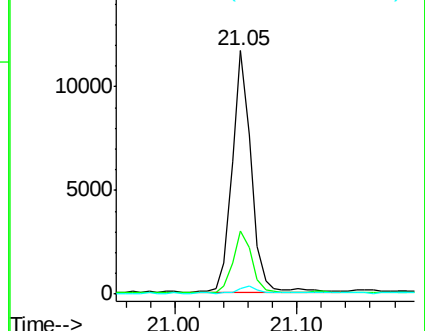
279 3.0 2.6 3.8

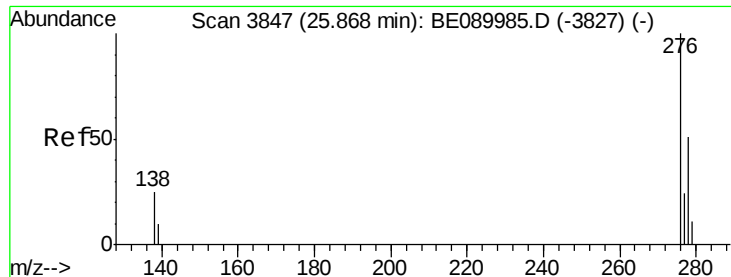


Abundance Ion 149.00 (148.70 to 149.70): E

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: 1.03 ng

RT: 25.84 min Scan# 3840

Delta R.T. -0.03 min

Lab File: BE090029.D

Acq: 1 Jul 2015 2:55

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

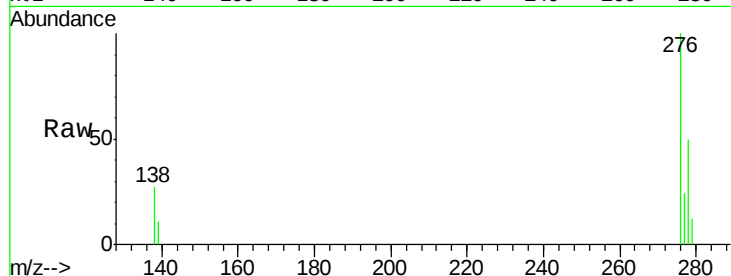
Tgt Ion: 276 Resp: 33031

Ion Ratio Lower Upper

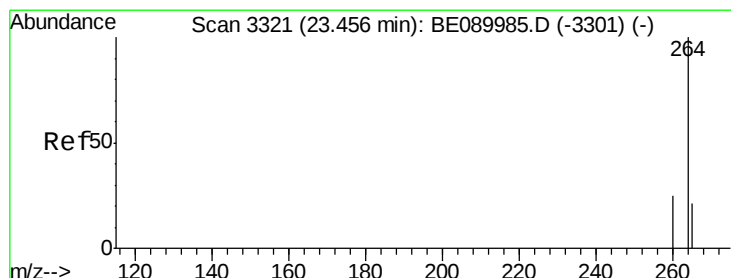
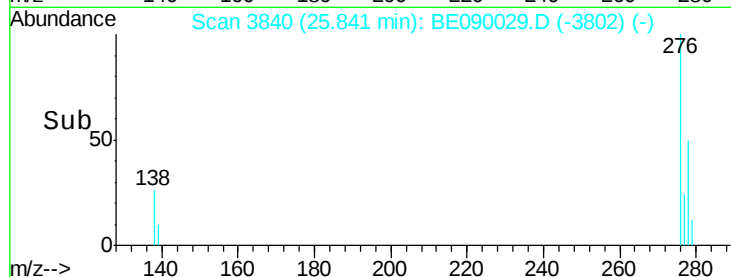
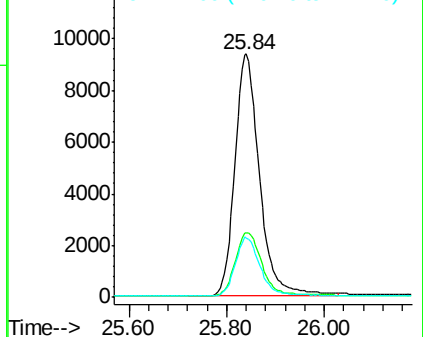
276 100

138 28.2 21.3 31.9

277 24.9 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: 23.44 min Scan# 3316

Delta R.T. -0.02 min

Lab File: BE090029.D

Acq: 1 Jul 2015 2:55

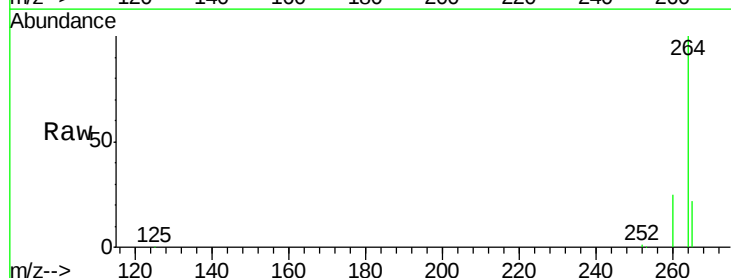
Tgt Ion: 264 Resp: 123707

Ion Ratio Lower Upper

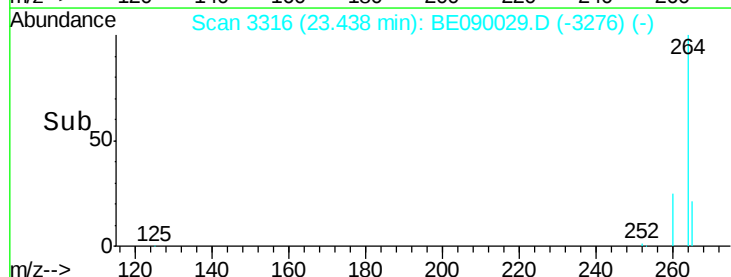
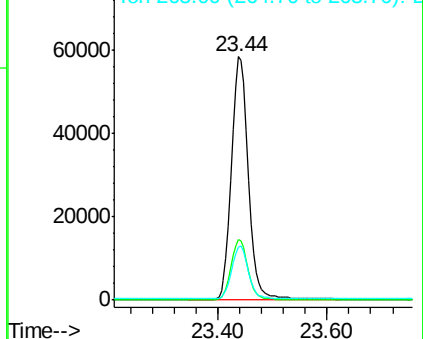
264 100

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: 1.02 ng

RT: 22.73 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BE090029.D

Acq: 1 Jul 2015 2:55

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

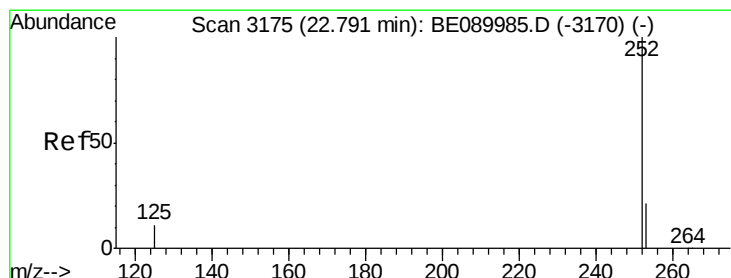
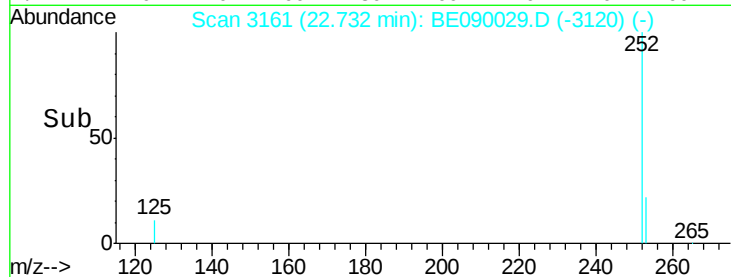
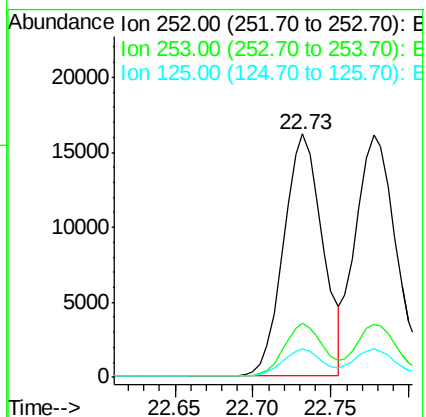
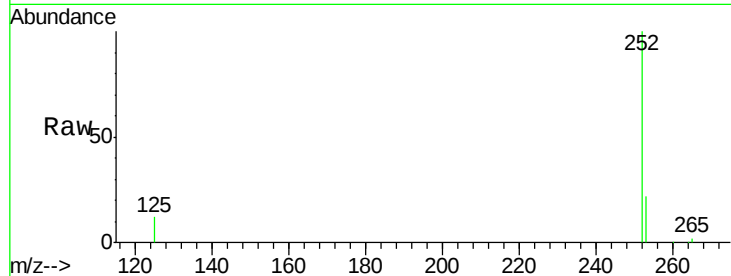
Tgt Ion:252 Resp: 27942

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

125 11.8 9.0 13.4



#34

Benzo(k)fluoranthene

Concen: 0.99 ng

RT: 22.78 min Scan# 3171

Delta R.T. -0.01 min

Lab File: BE090029.D

Acq: 1 Jul 2015 2:55

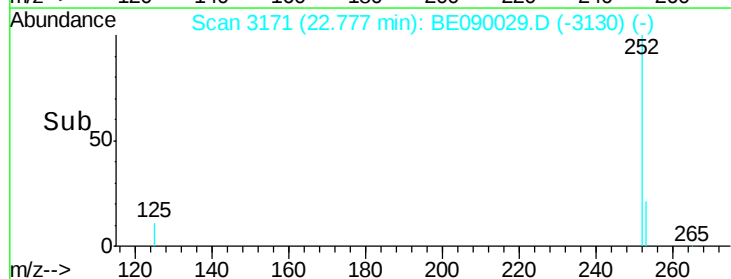
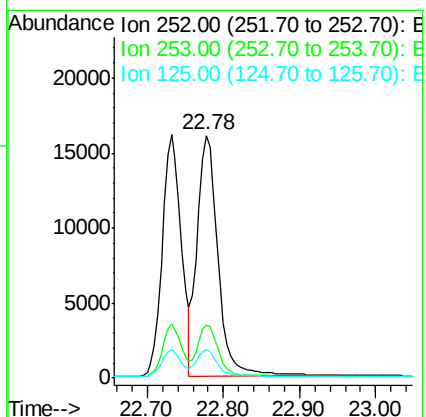
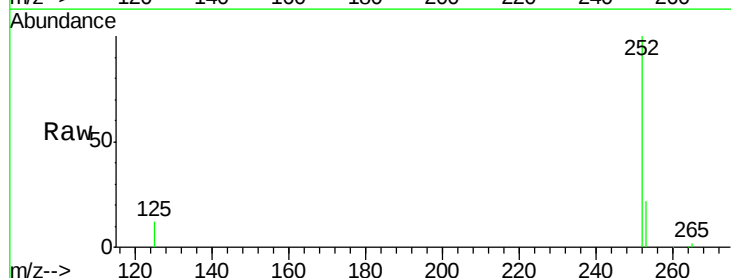
Tgt Ion:252 Resp: 30336

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 11.9 9.5 14.3





#35

Benzo(a)pyrene

Concen: 1.03 ng

RT: 23.33 min Scan# 3293

Delta R.T. -0.02 min

Lab File: BE090029.D

Acq: 1 Jul 2015 2:55

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

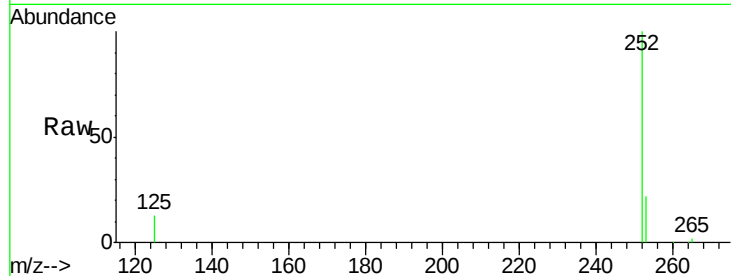
Tgt Ion: 252 Resp: 25941

Ion Ratio Lower Upper

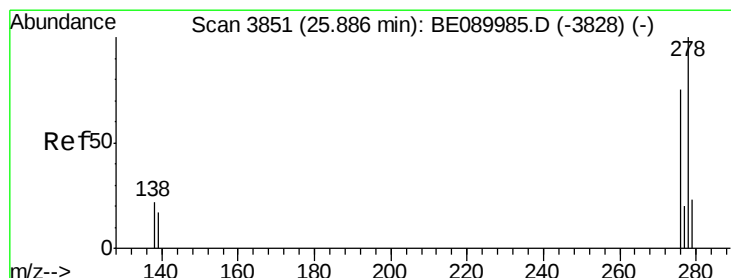
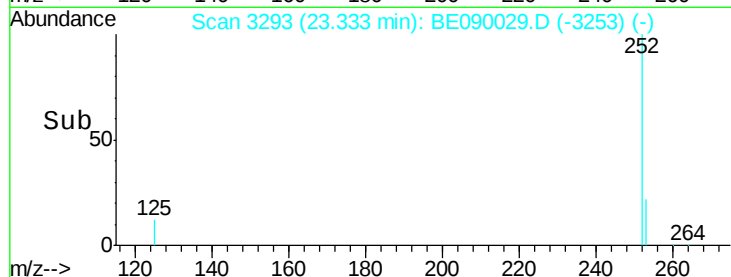
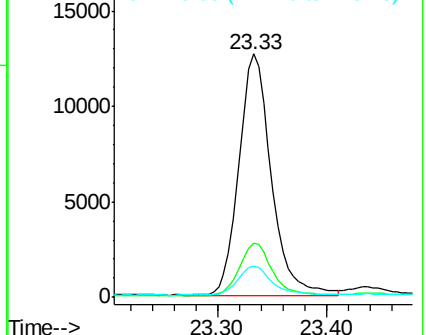
252 100

253 22.4 17.4 26.2

125 12.7 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: 1.02 ng

RT: 25.86 min Scan# 3845

Delta R.T. -0.02 min

Lab File: BE090029.D

Acq: 1 Jul 2015 2:55

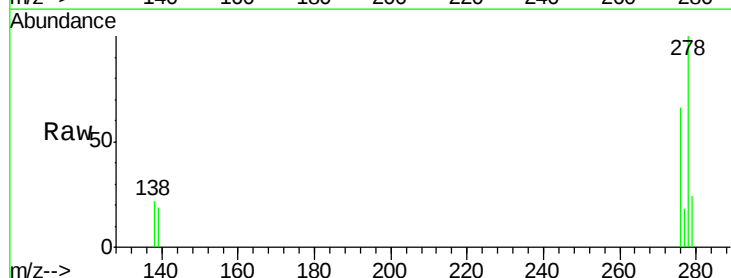
Tgt Ion: 278 Resp: 26388

Ion Ratio Lower Upper

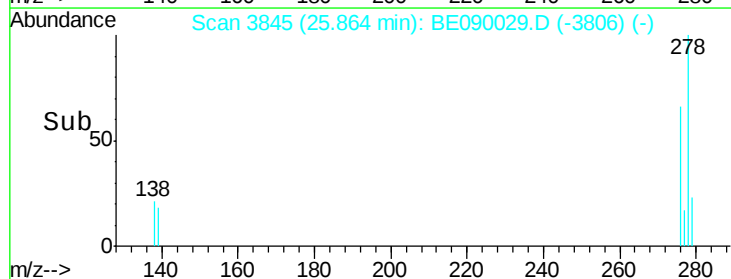
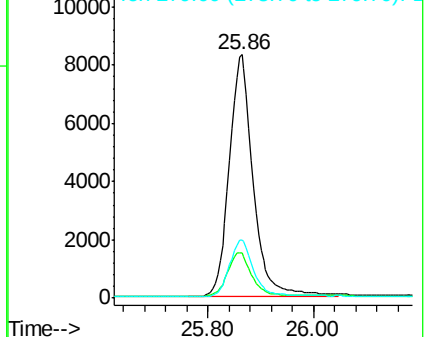
278 100

139 18.8 14.4 21.6

279 24.1 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: 1.03 ng

RT: 26.58 min Scan# 4002

Delta R.T. -0.03 min

Lab File: BE090029.D

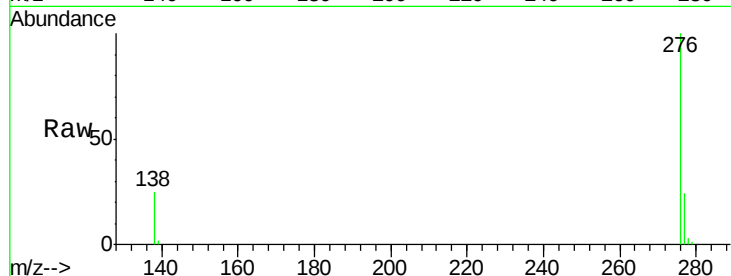
Acq: 1 Jul 2015 2:55

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001



Tgt Ion: 276 Resp: 26931

Ion Ratio Lower Upper

276 100

277 23.9 18.8 28.2

138 24.6 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

