

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081415\
 Data File : BE090514.D
 Acq On : 14 Aug 2015 10:06
 Operator : UM/IZ
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

Quant Time: Aug 14 15:26:29 2015
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE081415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 14 15:17:14 2015
 Response via : Initial Calibration

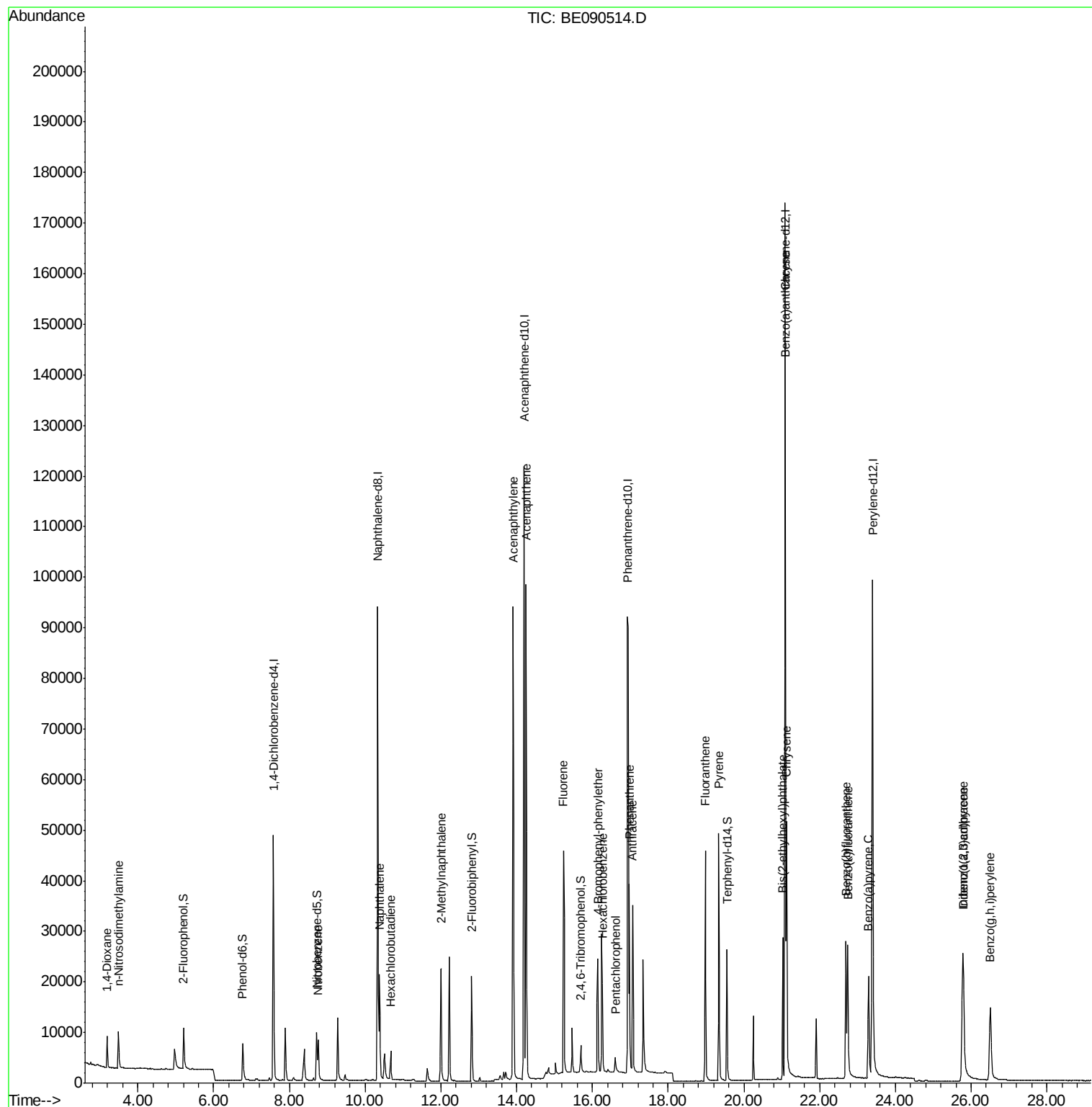
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	24995	5.00	ng	0.00
6) Naphthalene-d8	10.33	136	124435	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	69430	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	155622	5.00	ng	0.00
25) Chrysene-d12	21.09	240	160497	5.00	ng	0.00
32) Perylene-d12	23.40	264	147016	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	7341	0.96	ng	0.00
5) Phenol-d6	6.77	99	10760	0.99	ng	0.00
7) Nitrobenzene-d5	8.72	82	9944	1.01	ng	0.00
13) 2,4,6-Tribromophenol	15.69	330	2657	1.02	ng	-0.02
14) 2-Fluorobiphenyl	12.81	172	20838	0.96	ng	0.00
27) Terphenyl-d14	19.55	244	29268	0.95	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	3426	0.95	ng	97
3) n-Nitrosodimethylamine	3.48	42	4541	1.01	ng	# 77
8) Nitrobenzene	8.76	77	10308	1.02	ng	97
9) Naphthalene	10.38	128	28230	0.94	ng	99
10) Hexachlorobutadiene	10.68	225	4128	0.93	ng	99
11) 2-Methylnaphthalene	12.00	142	18895	0.98	ng	96
15) Acenaphthylene	13.91	152	127444	0.97	ng	100
16) Acenaphthene	14.25	154	18965	0.94	ng	# 79
17) Fluorene	15.24	166	23661	0.96	ng	99
19) 4-Bromophenyl-phenylether	16.14	248	6476	0.96	ng	86
20) Hexachlorobenzene	16.27	284	27689	0.92	ng	94
21) Pentachlorophenol	16.61	266	2317	1.11	ng	91
22) Phenanthrene	16.98	178	39909	0.92	ng	100
23) Anthracene	17.07	178	37769	0.97	ng	100
24) Fluoranthene	18.98	202	44363	0.98	ng	99
26) Pyrene	19.34	202	45240	0.94	ng	99
28) Benzo(a)anthracene	21.08	228	41104	0.92	ng	98
29) Chrysene	21.13	228	43391	0.95	ng	98
30) Bis(2-ethylhexyl)phthalate	21.03	149	24063	1.06	ng	99
31) Indeno(1,2,3-cd)pyrene	25.78	276	39950	0.97	ng	# 92
33) Benzo(b)fluoranthene	22.70	252	35582	0.98	ng	99
34) Benzo(k)fluoranthene	22.74	252	39843	0.96	ng	98
35) Benzo(a)pyrene	23.29	252	32742	0.99	ng	# 97
36) Dibenzo(a,h)anthracene	25.80	278	31092	0.98	ng	96
37) Benzo(g,h,i)perylene	26.51	276	34362	0.98	ng	96

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

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.58 min Scan# 844

Delta R.T. -0.00 min

Lab File: BE090514.D

Acq: 14 Aug 2015 10:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

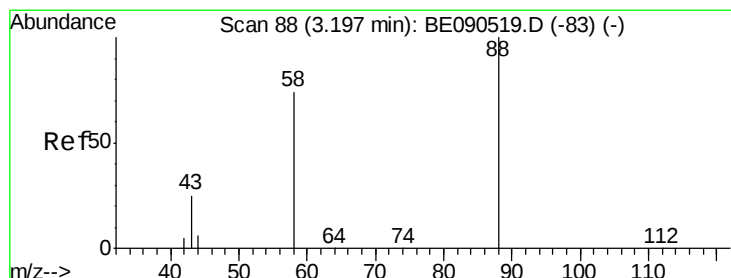
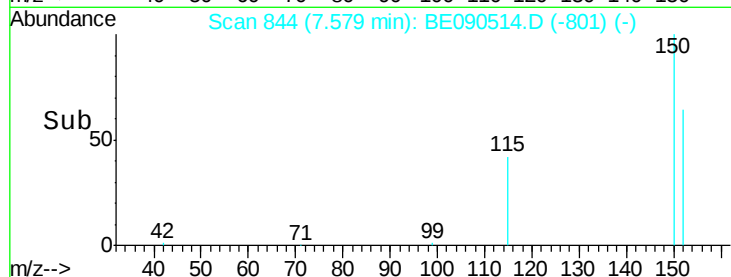
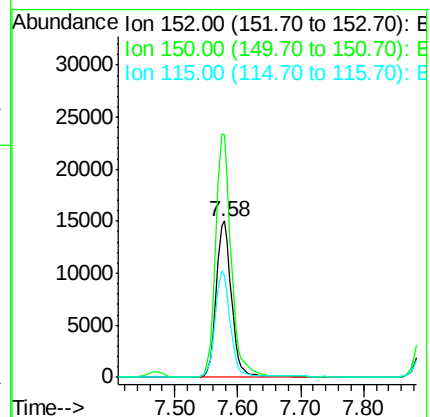
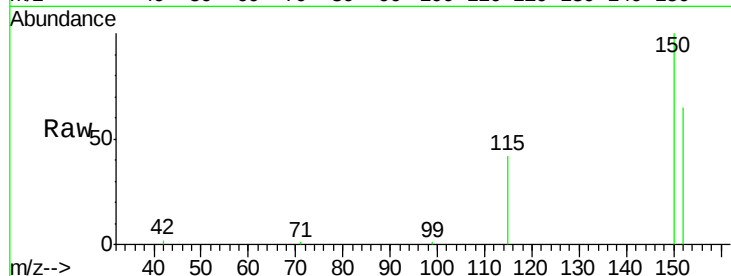
Tot Ion:152 Resp: 24995

Ion Ratio Lower Upper

152 100

150 154.9 123.0 184.4

115 65.5 48.9 73.3



#2

1,4-Dioxane

Concen: 0.95 ng

RT: 3.19 min Scan# 87

Delta R.T. -0.01 min

Lab File: BE090514.D

Acq: 14 Aug 2015 10:06

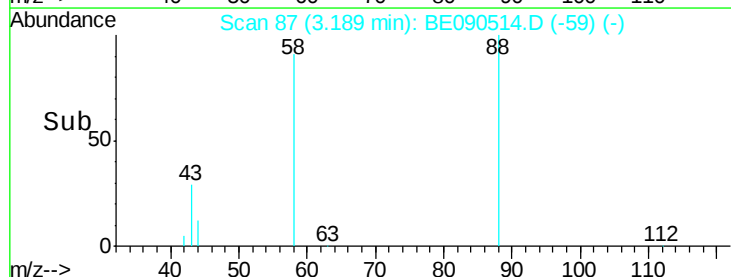
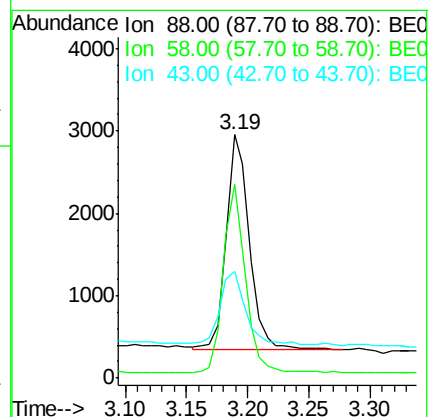
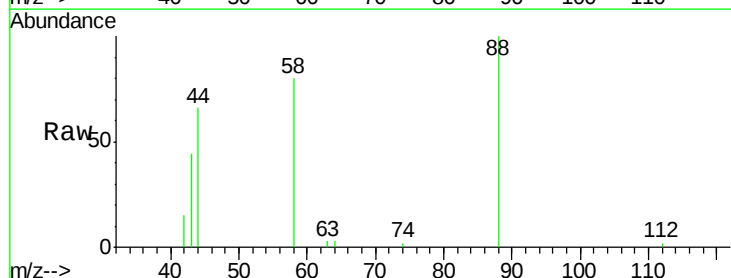
Tgt Ion: 88 Resp: 3426

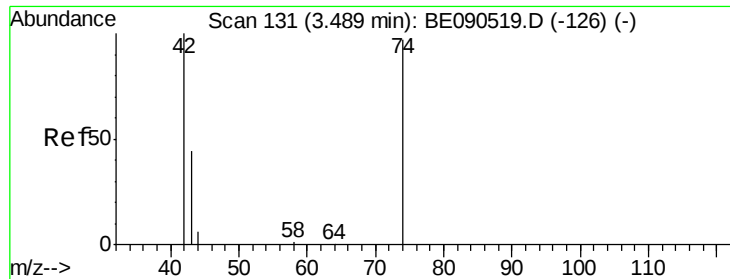
Ion Ratio Lower Upper

88 100

58 84.6 70.0 105.0

43 36.2 28.4 42.6



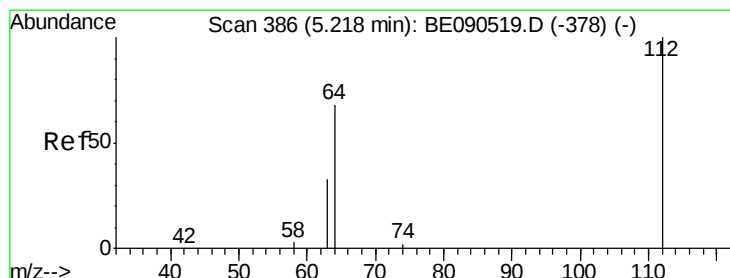
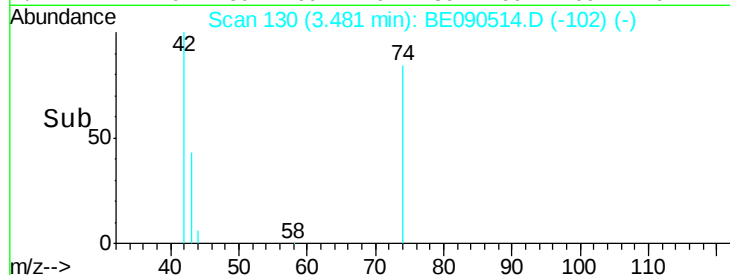
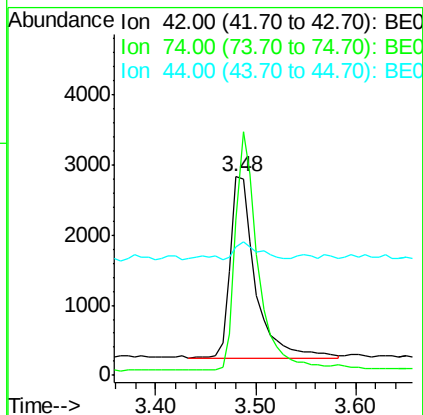
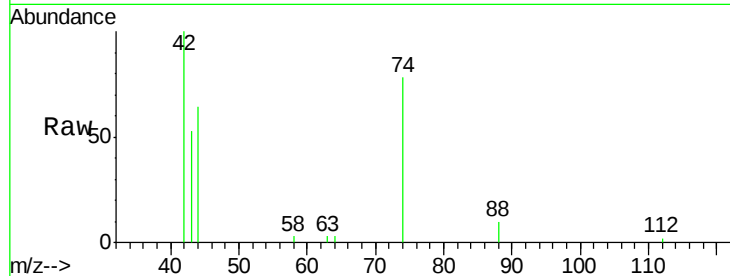


#3

n-Nitrosodimethylamine
 Concen: 1.01 ng
 RT: 3.48 min Scan# 130
 Delta R.T. -0.01 min
 Lab File: BE090514.D
 Acq: 14 Aug 2015 10:06

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

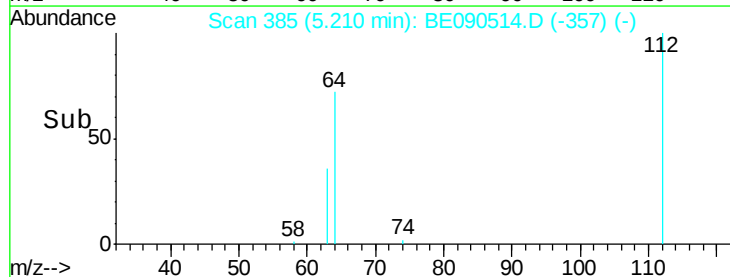
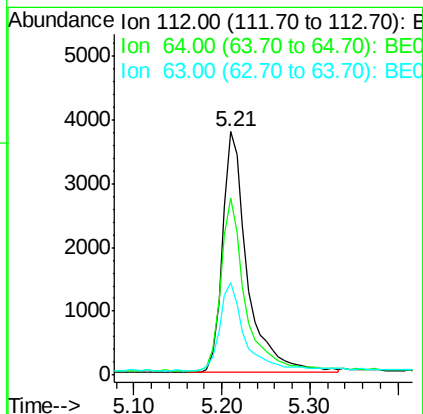
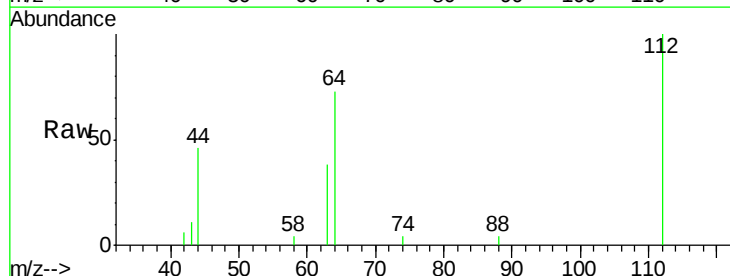
Tot Ion: 42 Resp: 4541
 Ion Ratio Lower Upper
 42 100
 74 118.1 75.2 112.8#
 44 9.1 8.7 13.1

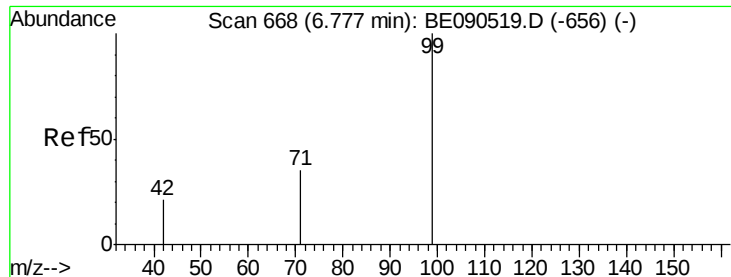


#4

2-Fluorophenol
 Concen: 0.96 ng
 RT: 5.21 min Scan# 385
 Delta R.T. -0.01 min
 Lab File: BE090514.D
 Acq: 14 Aug 2015 10:06

Tgt Ion: 112 Resp: 7341
 Ion Ratio Lower Upper
 112 100
 64 70.6 37.1 55.7#
 63 36.5 19.5 29.3#





#5

Phenol-d6

Concen: 0.99 ng

RT: 6.77 min Scan# 666

Delta R.T. -0.01 min

Lab File: BE090514.D

Acq: 14 Aug 2015 10:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

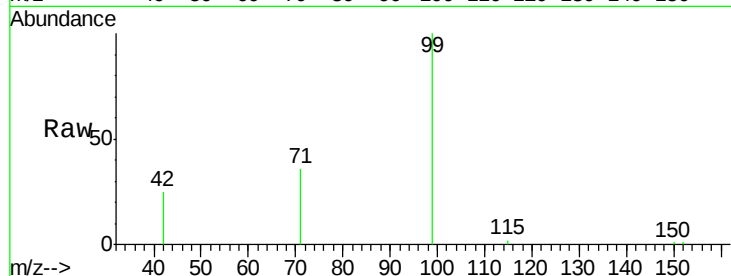
Tot Ion: 99 Resp: 10760

Ion Ratio Lower Upper

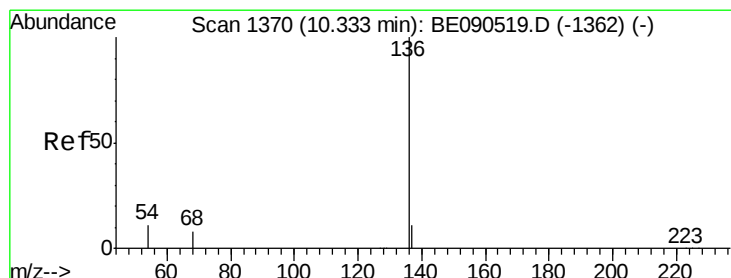
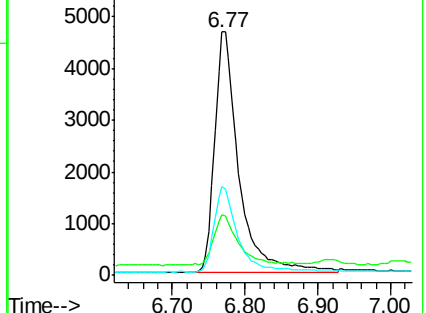
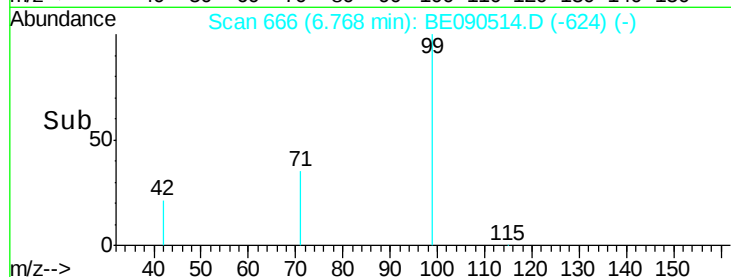
99 100

42 21.0 18.2 27.4

71 34.9 27.4 41.0



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: 10.33 min Scan# 1370

Delta R.T. -0.00 min

Lab File: BE090514.D

Acq: 14 Aug 2015 10:06

Tgt Ion: 136 Resp: 124435

Ion Ratio Lower Upper

136 100

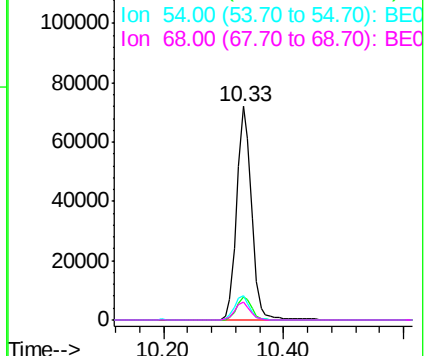
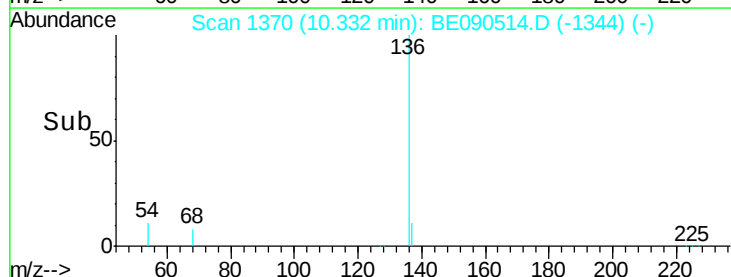
137 10.8 8.7 13.1

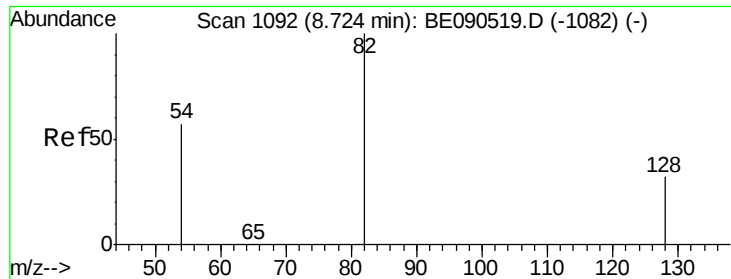
54 11.3 9.4 14.0

68 8.2 6.5 9.7



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: 1.01 ng

RT: 8.72 min Scan# 1091

Delta R.T. -0.00 min

Lab File: BE090514.D

Acq: 14 Aug 2015 10:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

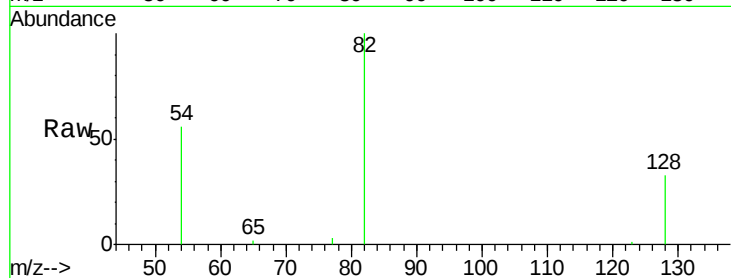
Tot Ion: 82 Resp: 9944

Ion Ratio Lower Upper

82 100

128 33.5 25.0 37.6

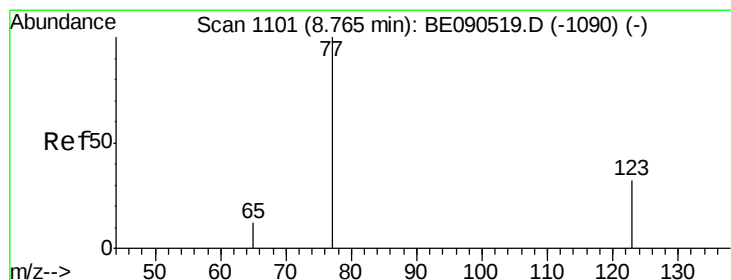
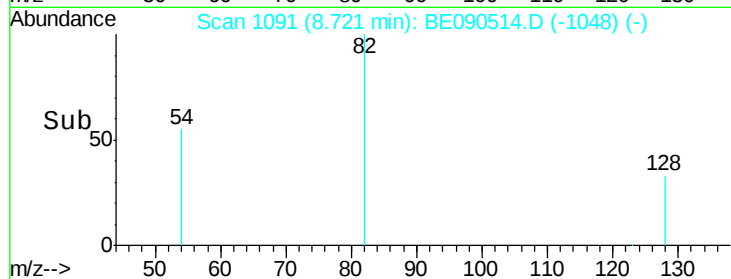
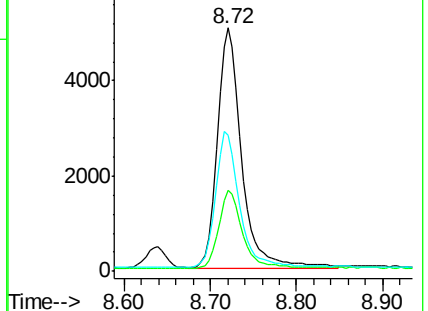
54 55.8 48.8 73.2



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#8

Nitrobenzene

Concen: 1.02 ng

RT: 8.76 min Scan# 1100

Delta R.T. -0.00 min

Lab File: BE090514.D

Acq: 14 Aug 2015 10:06

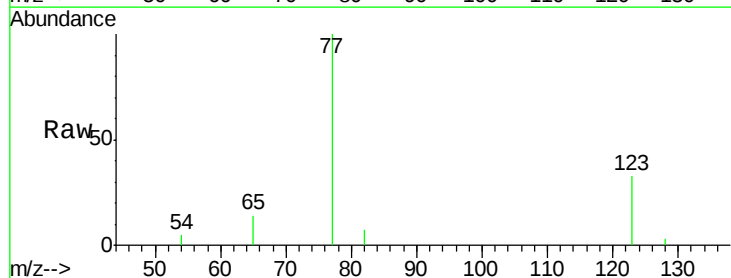
Tgt Ion: 77 Resp: 10308

Ion Ratio Lower Upper

77 100

123 33.4 25.1 37.7

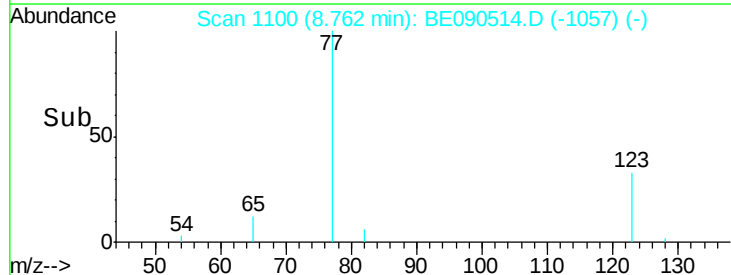
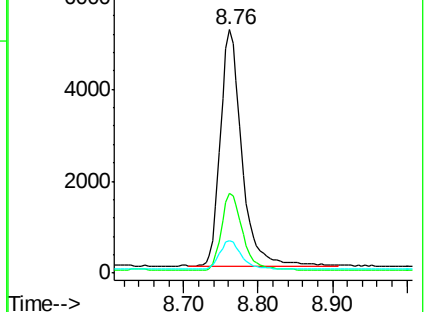
65 12.7 9.3 13.9

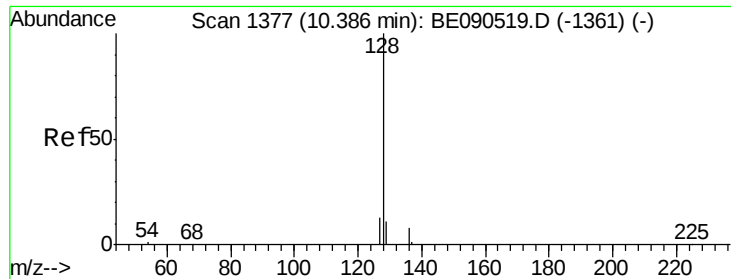


Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0





#9

Naphthalene

Concen: 0.94 ng

RT: 10.38 min Scan# 1376

Delta R.T. -0.01 min

Lab File: BE090514.D

Acq: 14 Aug 2015 10:06

Instrument :

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ClientSampleId :

SSTDCCC001

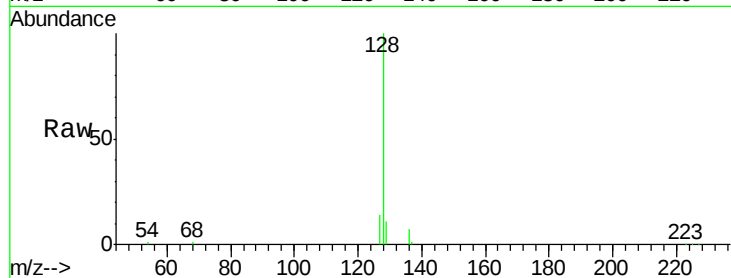
Tot Ion:128 Resp: 28230

Ion Ratio Lower Upper

128 100

129 11.4 9.8 14.6

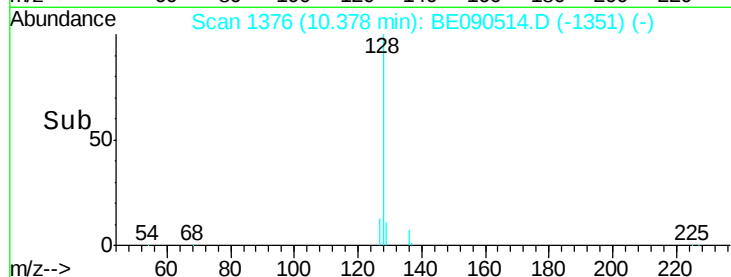
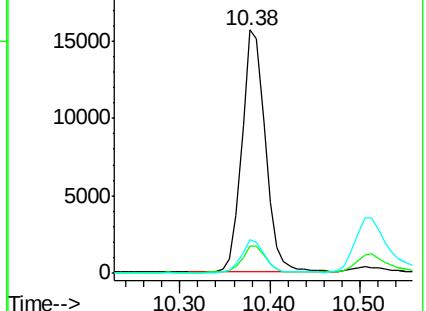
127 13.6 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.93 ng

RT: 10.68 min Scan# 1416

Delta R.T. -0.00 min

Lab File: BE090514.D

Acq: 14 Aug 2015 10:06

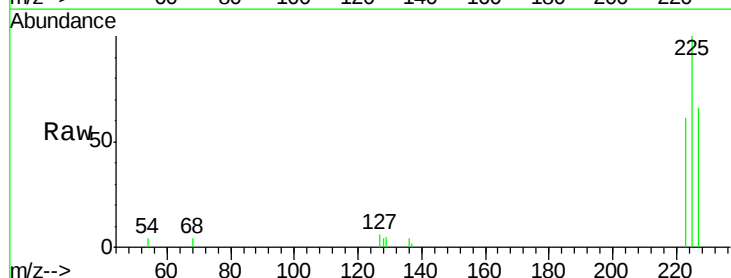
Tgt Ion:225 Resp: 4128

Ion Ratio Lower Upper

225 100

223 62.2 50.6 75.8

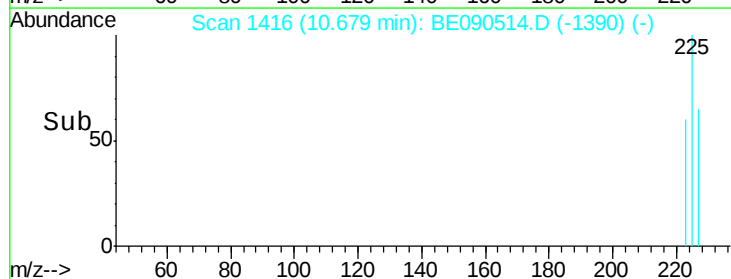
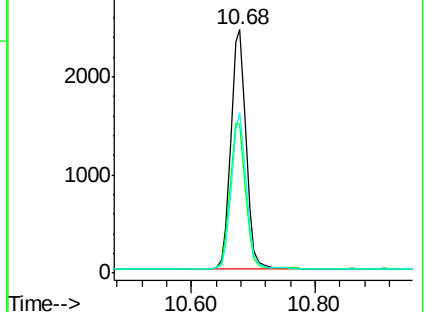
227 63.4 50.7 76.1



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 0.98 ng

RT: 12.00 min Scan# 1649

Delta R.T. -0.00 min

Lab File: BE090514.D

Acq: 14 Aug 2015 10:06

Instrument :

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ClientSampleId :

SSTDCCC001

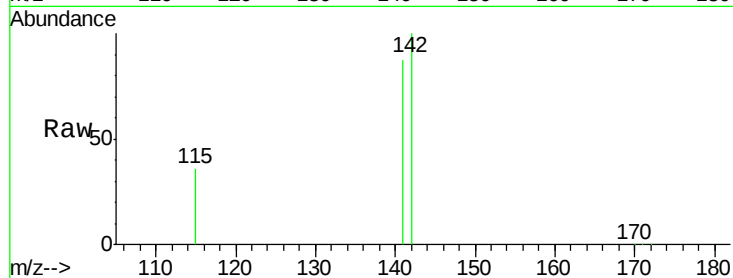
Tot Ion:142 Resp: 18895

Ion Ratio Lower Upper

142 100

141 86.8 72.6 109.0

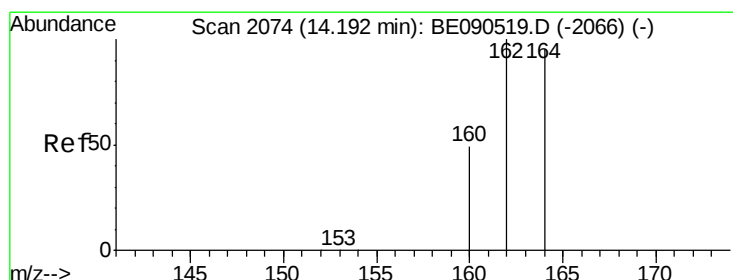
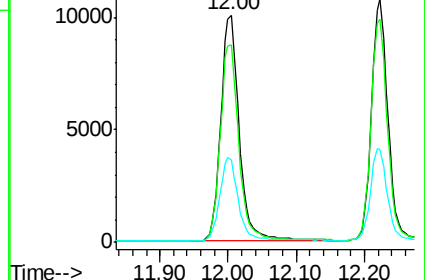
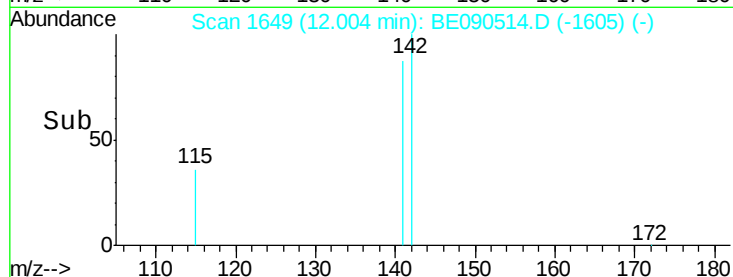
115 36.4 31.6 47.4



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: 14.19 min Scan# 2075

Delta R.T. 0.00 min

Lab File: BE090514.D

Acq: 14 Aug 2015 10:06

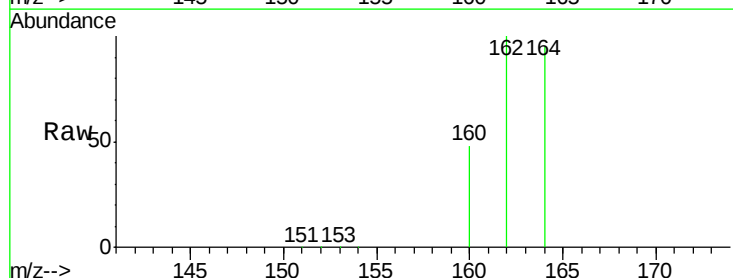
Tgt Ion:164 Resp: 69430

Ion Ratio Lower Upper

164 100

162 105.0 81.8 122.8

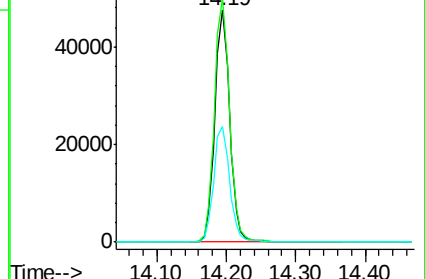
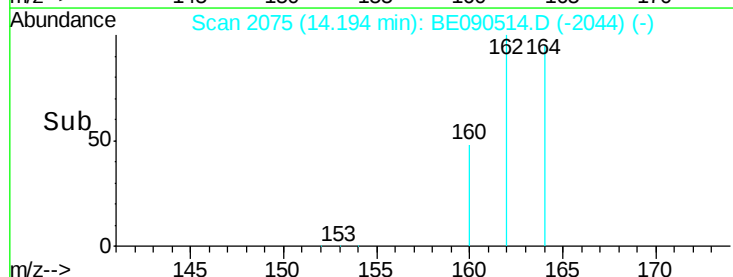
160 50.0 44.2 66.4



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

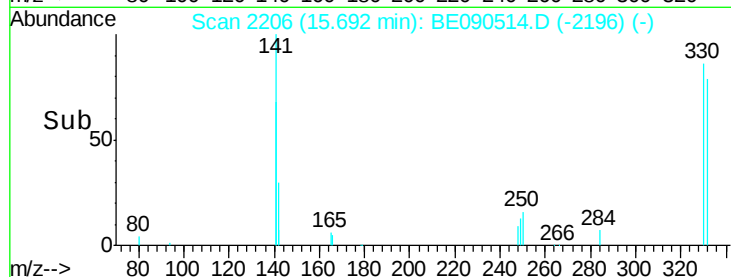
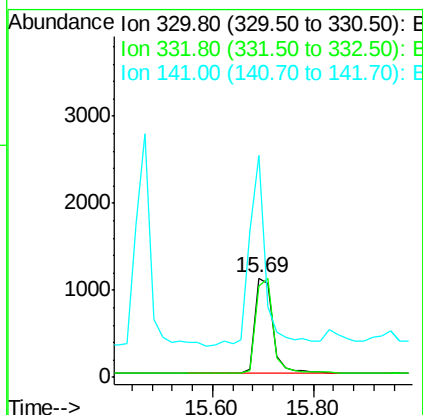
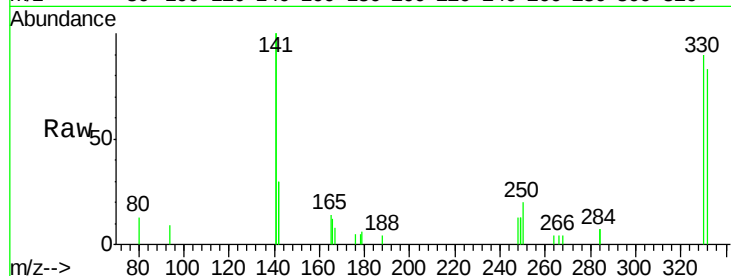




#13
 2,4,6-Tribromophenol
 Concen: 1.02 ng
 RT: 15.69 min Scan# 2206
 Delta R.T. -0.02 min
 Lab File: BE090514.D
 Acq: 14 Aug 2015 10:06

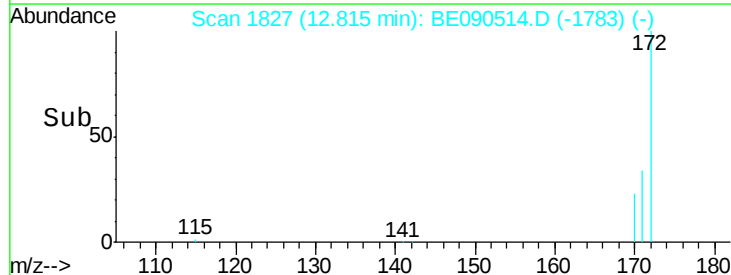
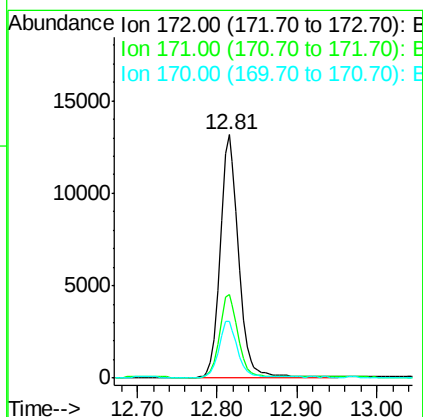
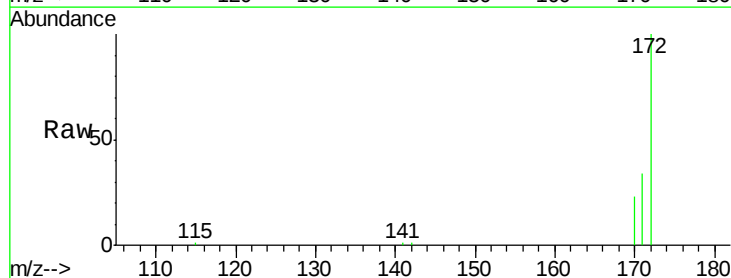
Instrument :
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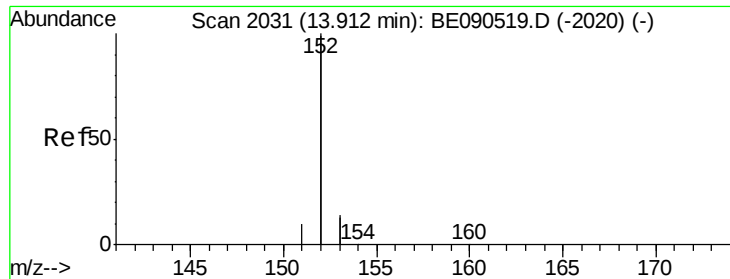
Tot Ion:330 Resp: 2657
 Ion Ratio Lower Upper
 330 100
 332 96.7 75.8 113.6
 141 181.3 114.4 171.6#



#14
 2-Fluorobiphenyl
 Concen: 0.96 ng
 RT: 12.81 min Scan# 1827
 Delta R.T. -0.00 min
 Lab File: BE090514.D
 Acq: 14 Aug 2015 10:06

Tgt Ion:172 Resp: 20838
 Ion Ratio Lower Upper
 172 100
 171 34.5 28.5 42.7
 170 23.4 19.8 29.8





#15

Acenaphthylene

Concen: 0.97 ng

RT: 13.91 min Scan# 2031

Delta R.T. -0.00 min

Lab File: BE090514.D

Acq: 14 Aug 2015 10:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

Tot Ion:152 Resp: 127444

Ion Ratio Lower Upper

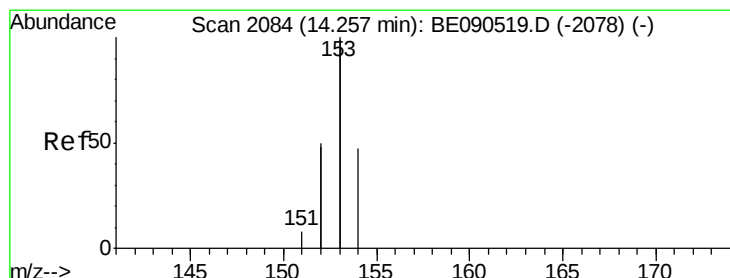
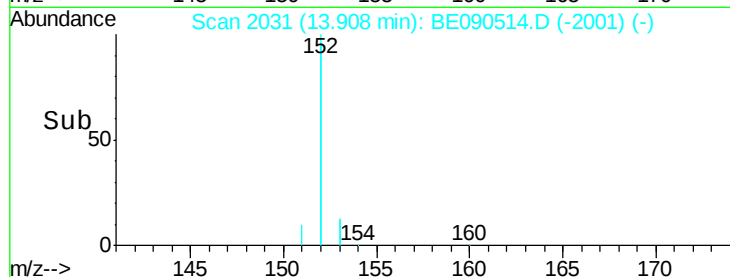
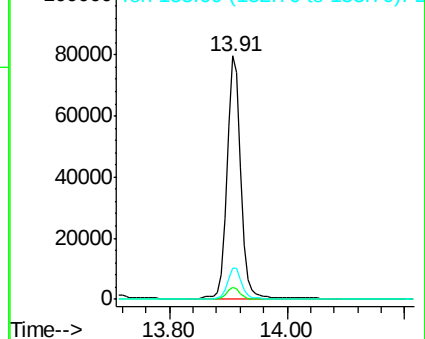
152 100

151 4.9 3.8 5.8

153 13.0 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#16

Acenaphthene

Concen: 0.94 ng

RT: 14.25 min Scan# 2084

Delta R.T. -0.00 min

Lab File: BE090514.D

Acq: 14 Aug 2015 10:06

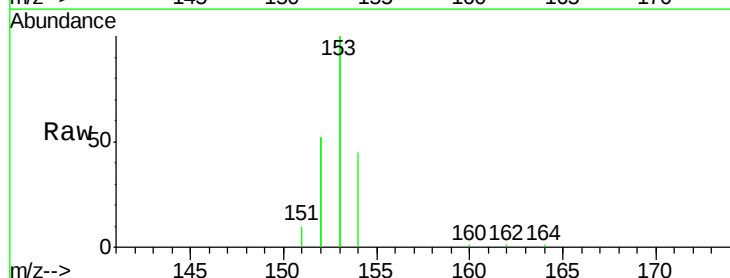
Tgt Ion:154 Resp: 18965

Ion Ratio Lower Upper

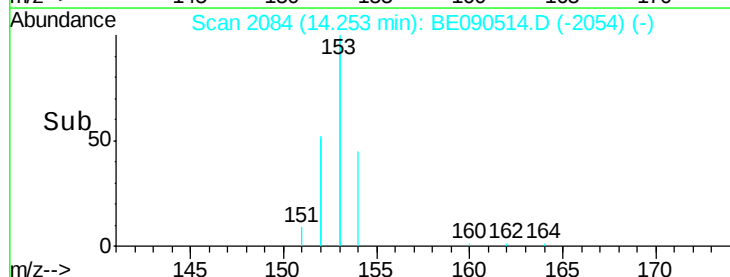
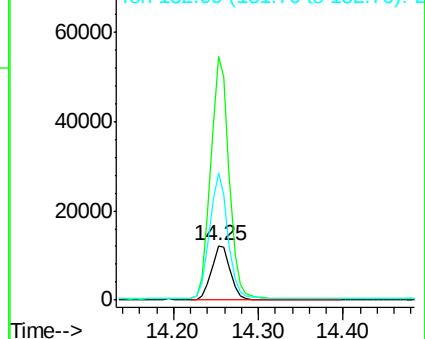
154 100

153 437.4 376.2 564.2

152 226.5 235.0 352.4#



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



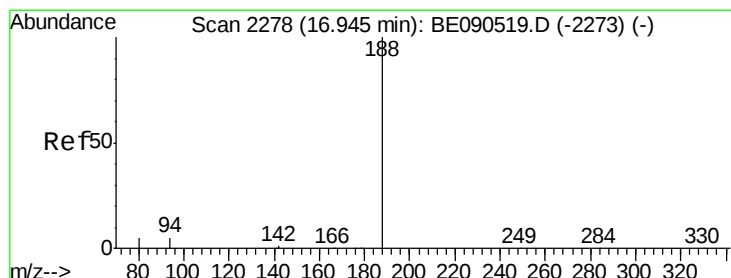
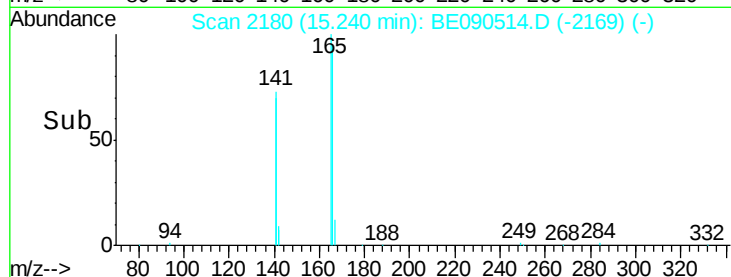
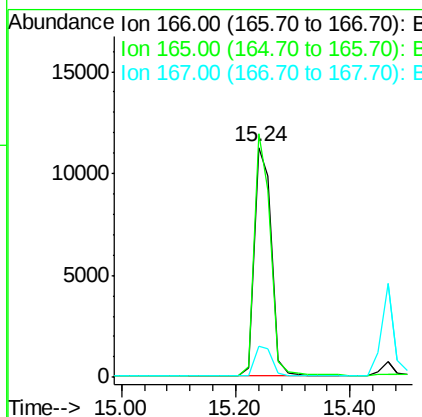
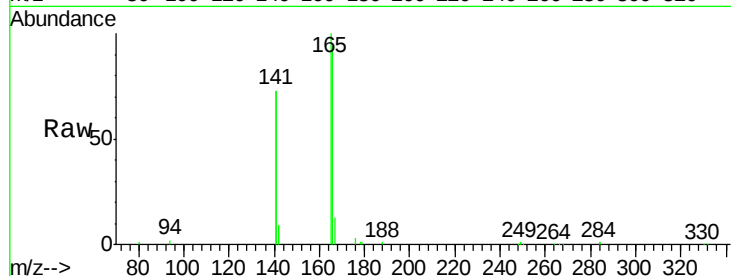


#17
Fluorene
 Concen: 0.96 ng
 RT: 15.24 min Scan# 2180
 Delta R.T. -0.00 min
 Lab File: BE090514.D
 Acq: 14 Aug 2015 10:06

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

Tot Ion:166 Resp: 23661

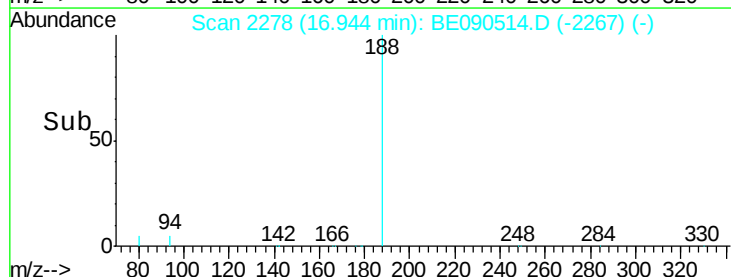
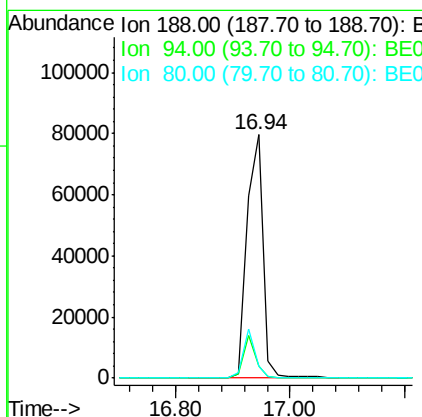
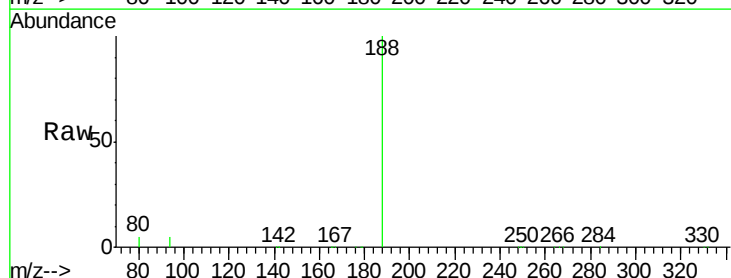
Ion	Ratio	Lower	Upper
166	100		
165	100.5	81.5	122.3
167	13.7	11.4	17.0



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 16.94 min Scan# 2278
 Delta R.T. -0.00 min
 Lab File: BE090514.D
 Acq: 14 Aug 2015 10:06

Tgt Ion:188 Resp: 155622

Ion	Ratio	Lower	Upper
188	100		
94	5.0	5.7	8.5#
80	5.0	5.8	8.8#





#19

4-Bromophenyl-phenylether

Concen: 0.96 ng

RT: 16.14 min Scan# 2232

Delta R.T. -0.00 min

Lab File: BE090514.D

Acq: 14 Aug 2015 10:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

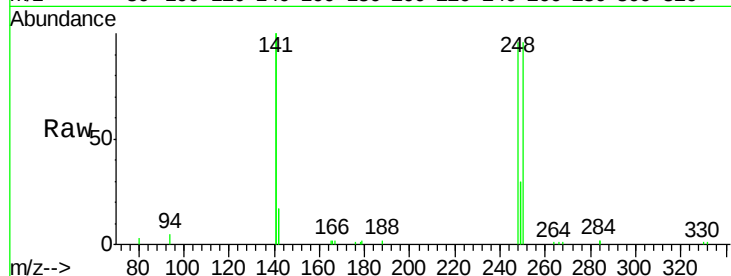
Tot Ion:248 Resp: 6476

Ion Ratio Lower Upper

248 100

250 98.0 79.0 118.6

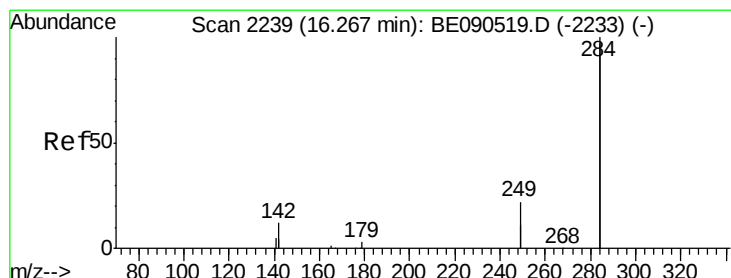
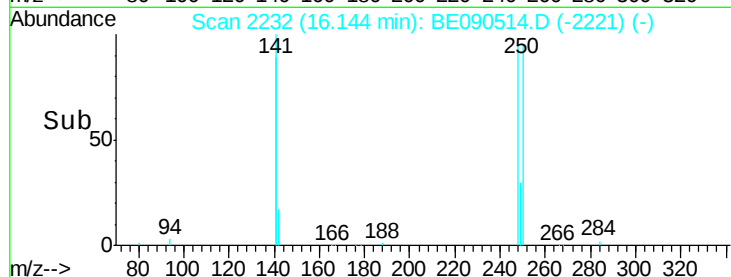
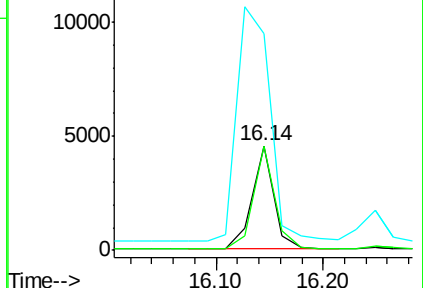
141 335.6 239.5 359.3



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#20

Hexachlorobenzene

Concen: 0.92 ng

RT: 16.27 min Scan# 2239

Delta R.T. -0.00 min

Lab File: BE090514.D

Acq: 14 Aug 2015 10:06

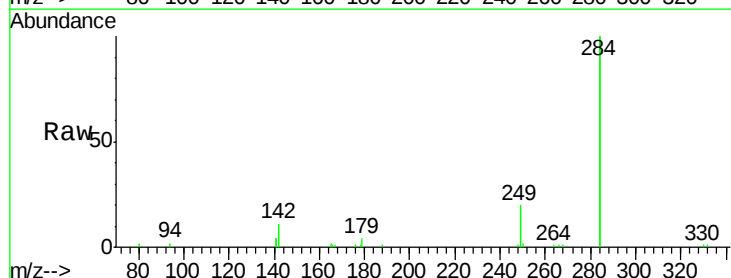
Tgt Ion:284 Resp: 27689

Ion Ratio Lower Upper

284 100

142 42.9 30.1 45.1

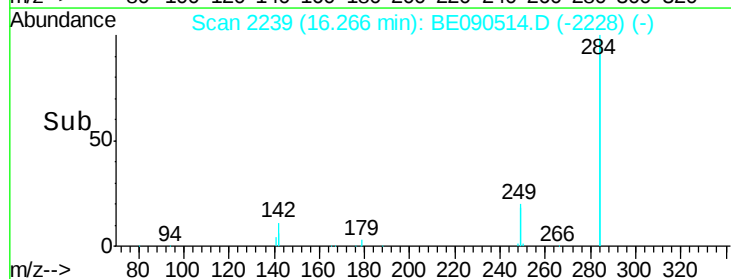
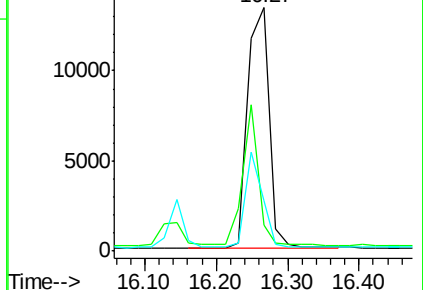
249 31.2 25.7 38.5



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#21

Pentachlorophenol

Concen: 1.11 ng

RT: 16.61 min Scan# 2259

Delta R.T. -0.00 min

Lab File: BE090514.D

Acq: 14 Aug 2015 10:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

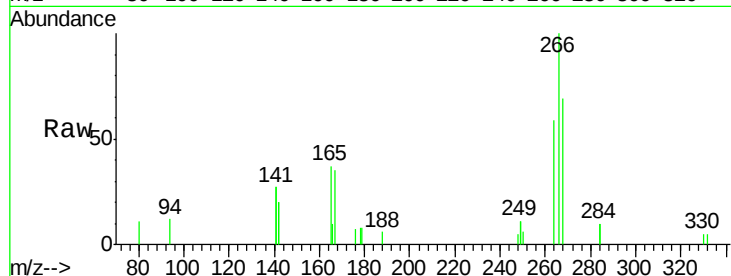
Tot Ion:266 Resp: 2317

Ion Ratio Lower Upper

266 100

268 69.1 58.5 87.7

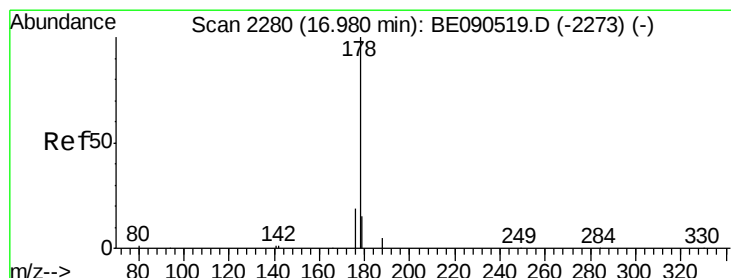
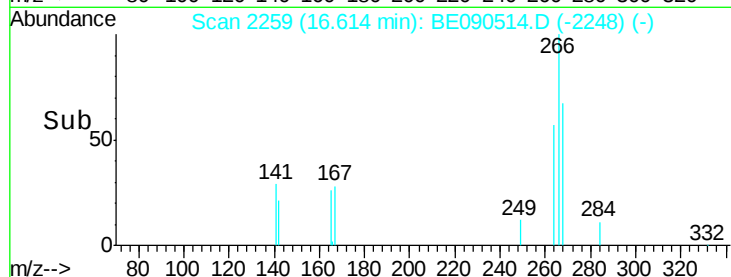
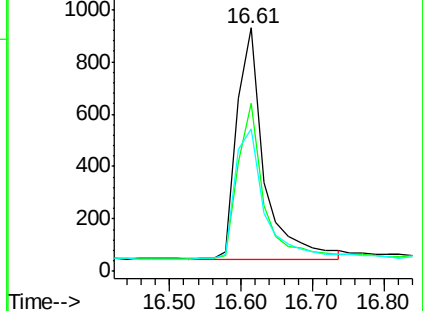
264 58.8 56.0 84.0



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#22

Phenanthrene

Concen: 0.92 ng

RT: 16.98 min Scan# 2280

Delta R.T. -0.00 min

Lab File: BE090514.D

Acq: 14 Aug 2015 10:06

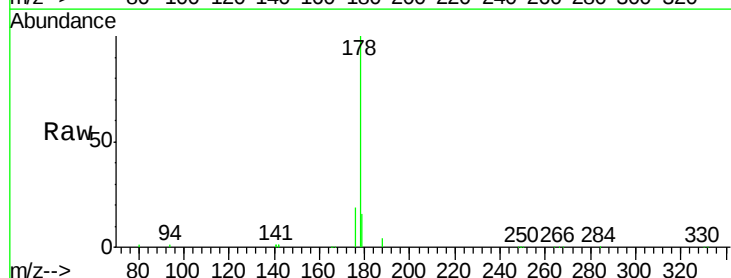
Tgt Ion:178 Resp: 39909

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.2

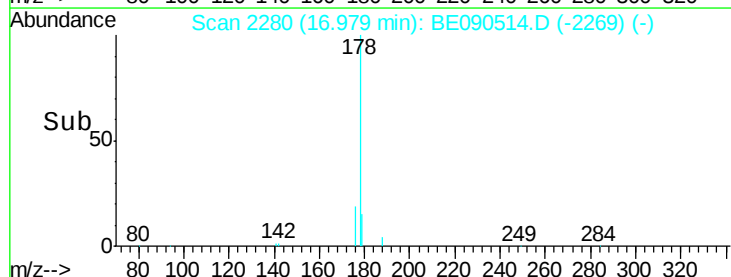
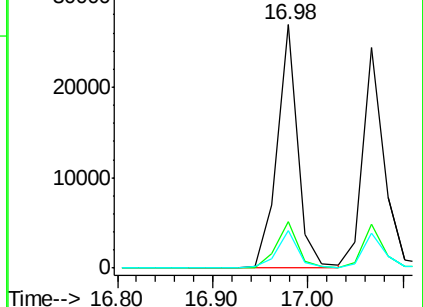
179 15.4 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Anthracene

Concen: 0.97 ng

RT: 17.07 min Scan# 2285

Delta R.T. -0.00 min

Lab File: BE090514.D

Acq: 14 Aug 2015 10:06

Instrument :

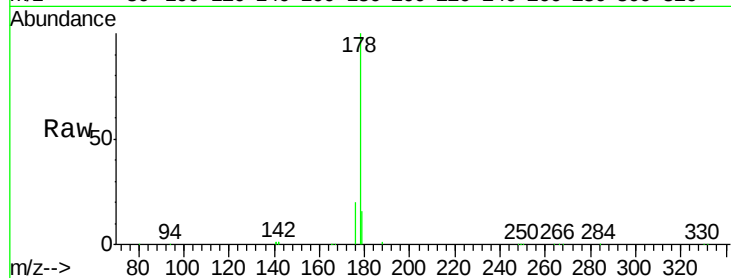
BNA_E

ClientSampleId :

SSTDCCC001

Tot Ion:178 Resp: 37769

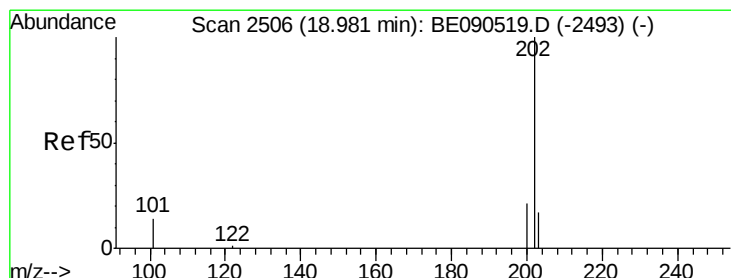
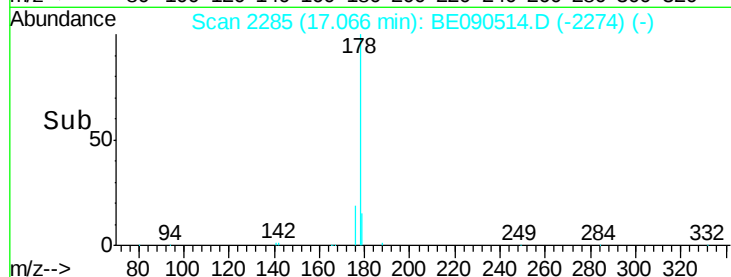
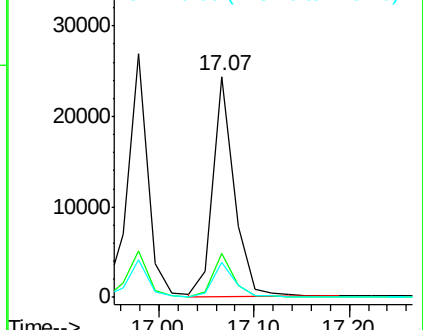
Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.9	22.3
179	15.3	12.2	18.4



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: 0.98 ng

RT: 18.98 min Scan# 2506

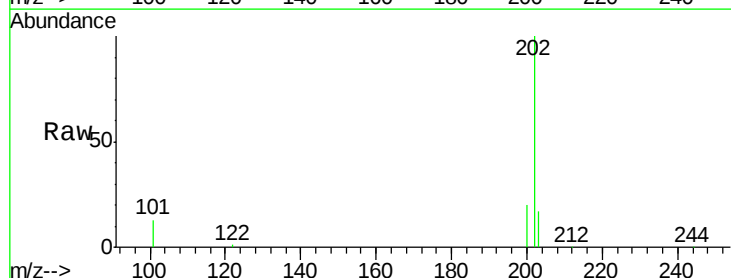
Delta R.T. 0.00 min

Lab File: BE090514.D

Acq: 14 Aug 2015 10:06

Tgt Ion:202 Resp: 44363

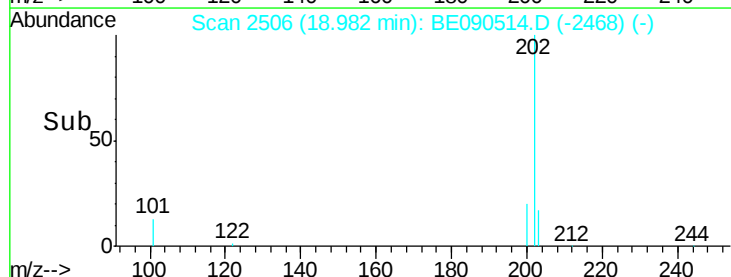
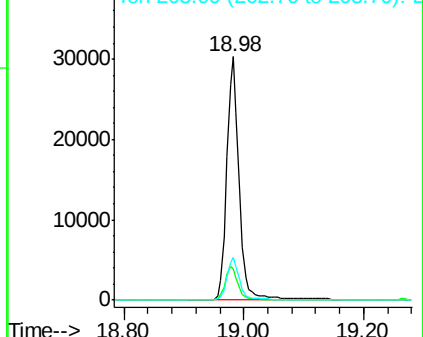
Ion	Ratio	Lower	Upper
202	100		
101	13.9	10.3	15.5
203	17.0	13.7	20.5



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: 21.09 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BE090514.D

Acq: 14 Aug 2015 10:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

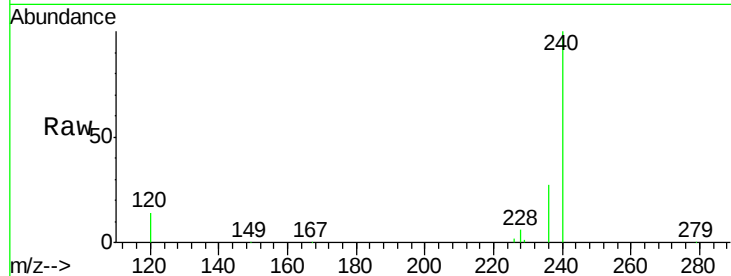
Tot Ion:240 Resp: 160497

Ion Ratio Lower Upper

240 100

120 13.7 8.3 12.5#

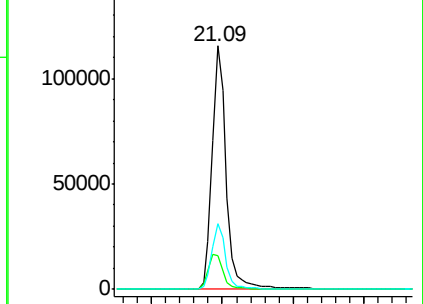
236 27.1 21.0 31.4



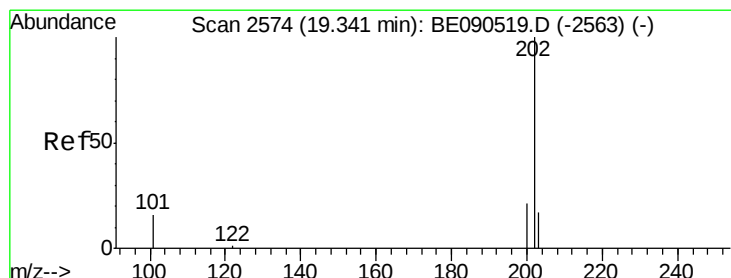
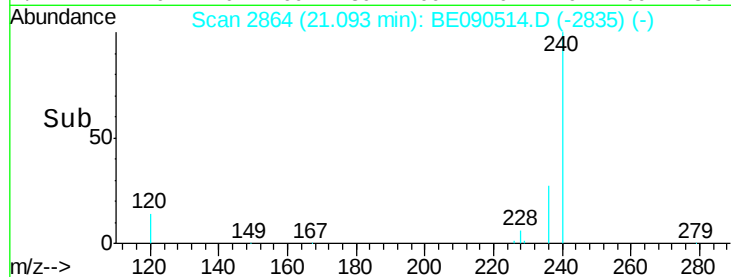
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#26

Pyrene

Concen: 0.94 ng

RT: 19.34 min Scan# 2574

Delta R.T. 0.00 min

Lab File: BE090514.D

Acq: 14 Aug 2015 10:06

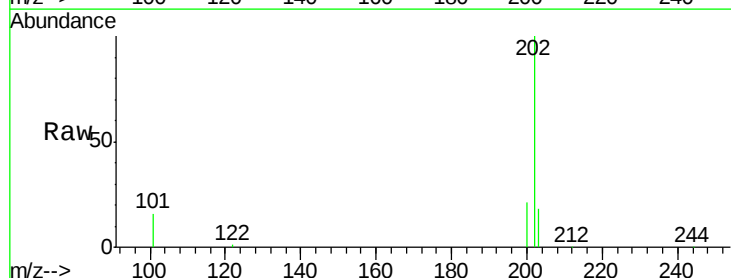
Tgt Ion:202 Resp: 45240

Ion Ratio Lower Upper

202 100

200 21.3 16.7 25.1

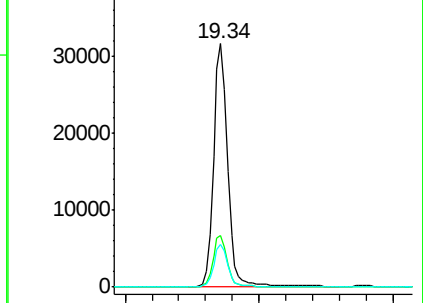
203 17.4 13.8 20.8



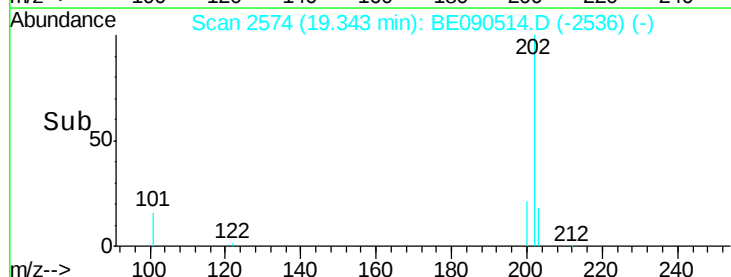
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->





#27

Terphenyl-d14

Concen: 0.95 ng

RT: 19.55 min Scan# 2614

Delta R.T. 0.00 min

Lab File: BE090514.D

Acq: 14 Aug 2015 10:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

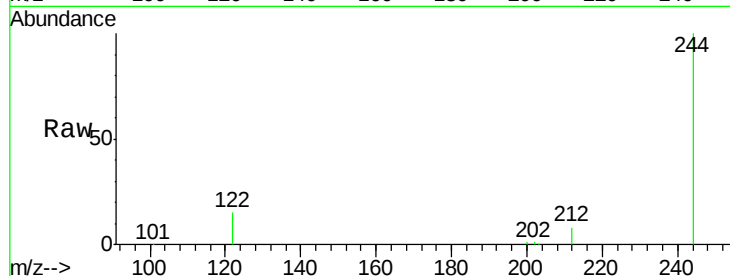
Tot Ion:244 Resp: 29268

Ion Ratio Lower Upper

244 100

212 7.9 6.6 9.8

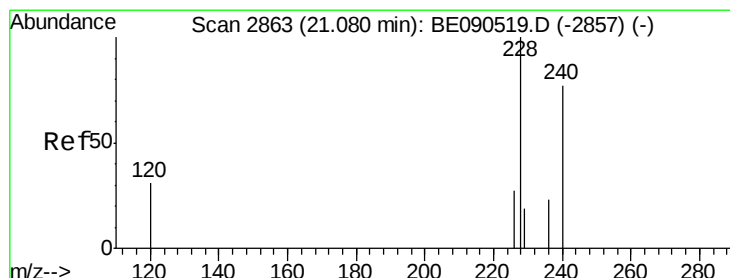
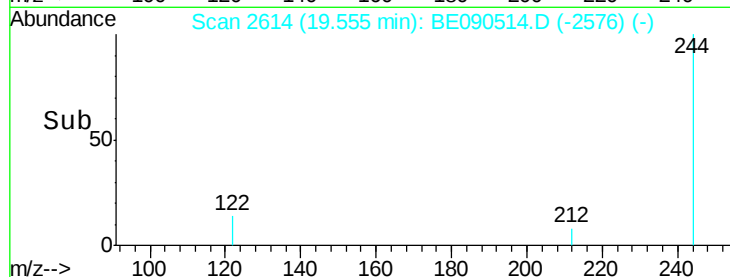
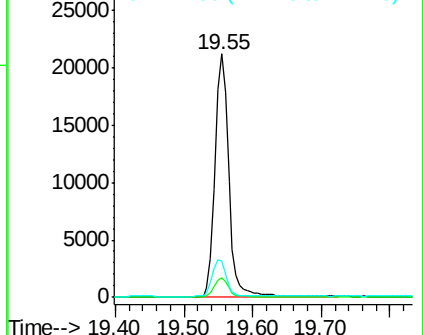
122 14.6 10.2 15.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#28

Benzo(a)anthracene

Concen: 0.92 ng

RT: 21.08 min Scan# 2862

Delta R.T. -0.00 min

Lab File: BE090514.D

Acq: 14 Aug 2015 10:06

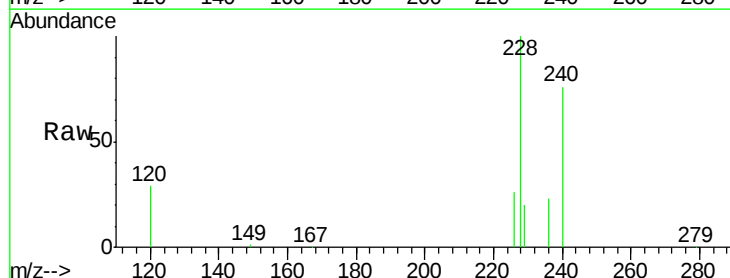
Tgt Ion:228 Resp: 41104

Ion Ratio Lower Upper

228 100

226 26.2 21.9 32.9

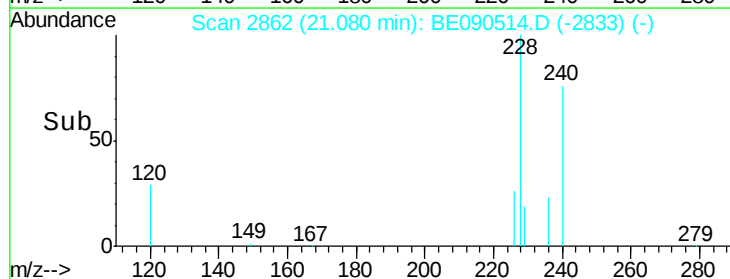
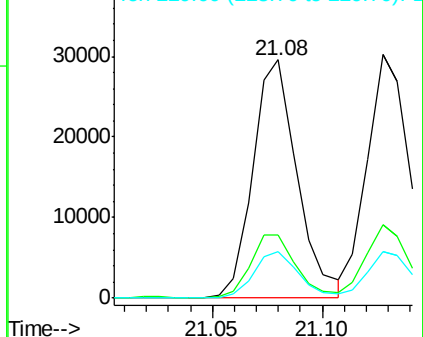
229 19.6 15.4 23.0



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





#29

Chrysene

Concen: 0.95 ng

RT: 21.13 min Scan# 2869

Delta R.T. -0.00 min

Lab File: BE090514.D

Acq: 14 Aug 2015 10:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

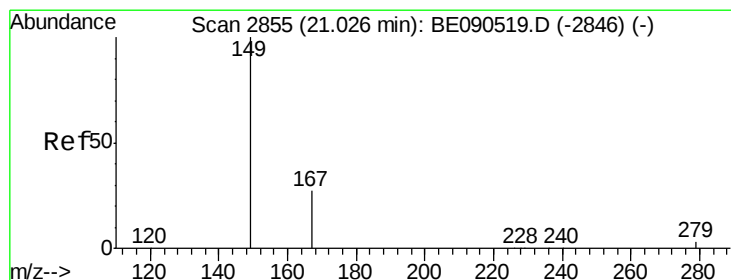
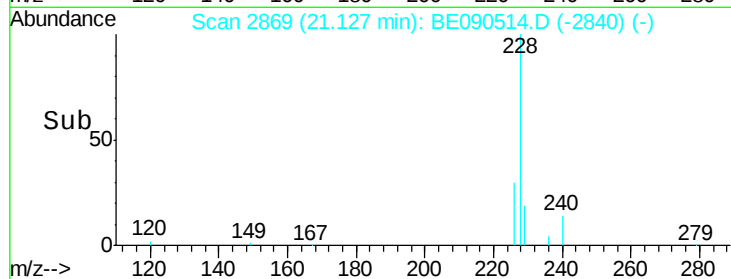
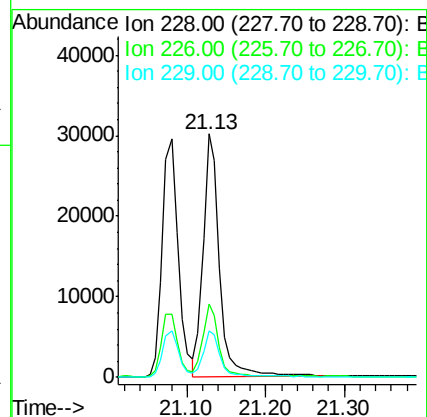
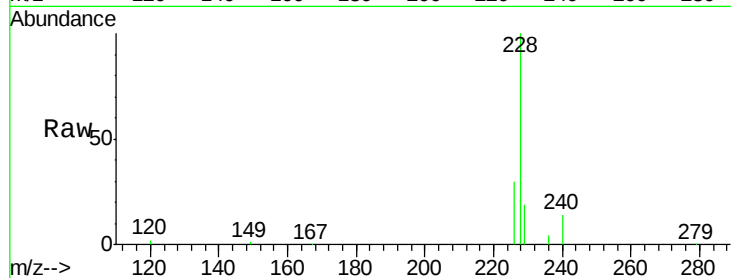
Tot Ion:228 Resp: 43391

Ion Ratio Lower Upper

228 100

226 30.4 23.1 34.7

229 19.2 15.8 23.8



#30

Bis(2-ethylhexyl)phthalate

Concen: 1.06 ng

RT: 21.03 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BE090514.D

Acq: 14 Aug 2015 10:06

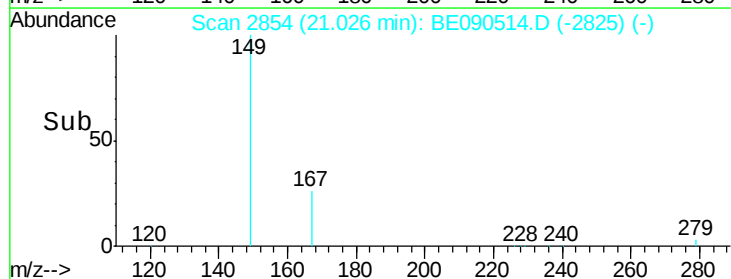
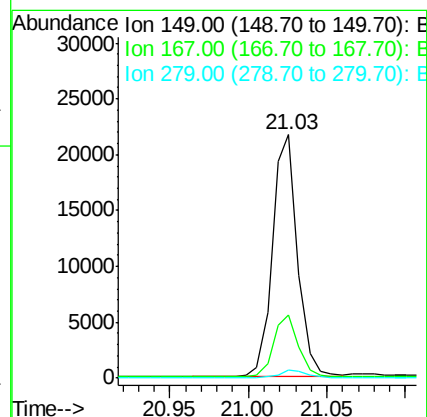
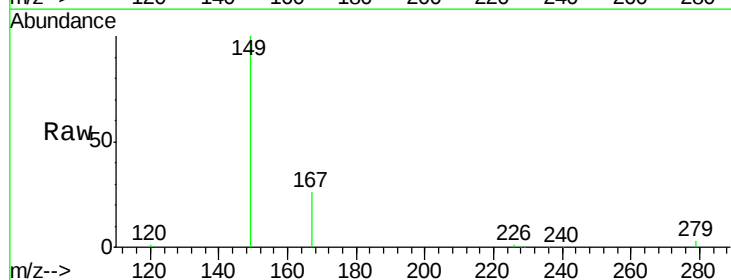
Tgt Ion:149 Resp: 24063

Ion Ratio Lower Upper

149 100

167 25.4 19.8 29.8

279 2.9 2.4 3.6

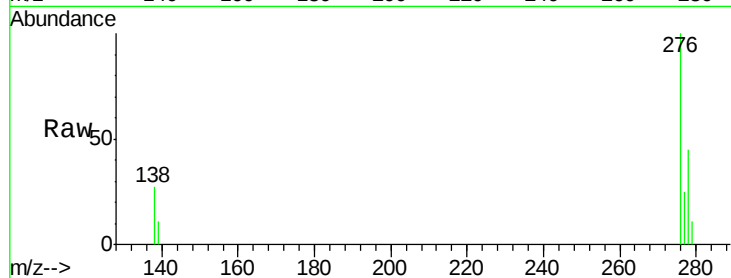




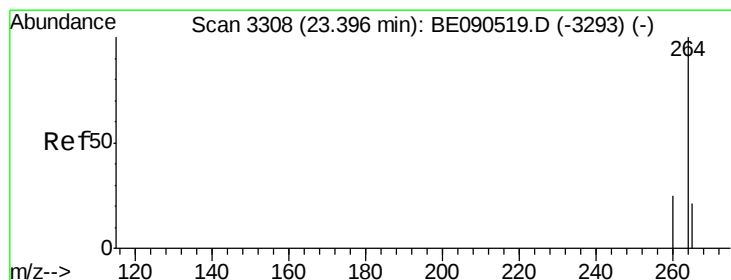
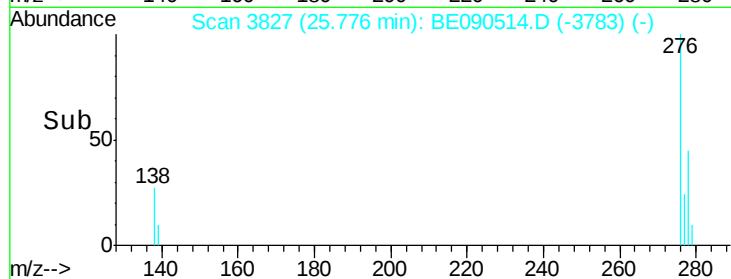
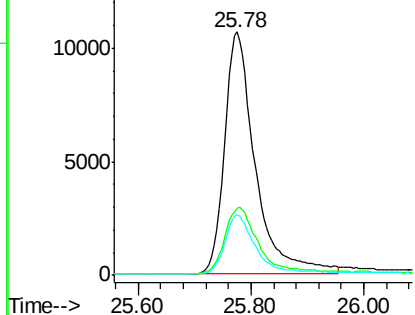
#31
 Indeno(1,2,3-cd)pyrene
 Concen: 0.97 ng
 RT: 25.78 min Scan# 3827
 Delta R.T. -0.00 min
 Lab File: BE090514.D
 Acq: 14 Aug 2015 10:06

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

Tot Ion:276 Resp: 39950
 Ion Ratio Lower Upper
 276 100
 138 29.6 18.8 28.2#
 277 24.7 18.2 27.4

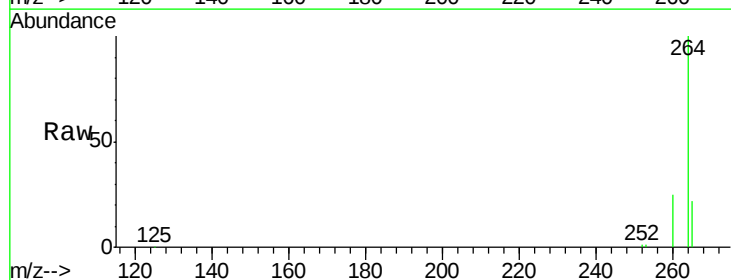


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

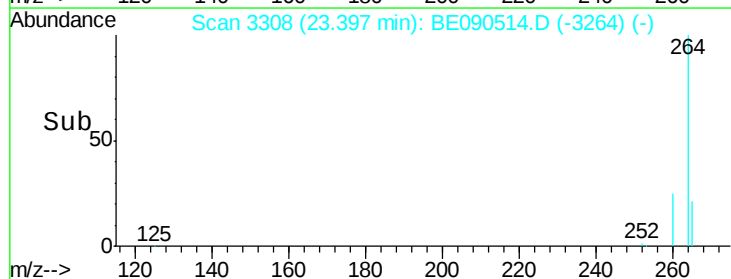
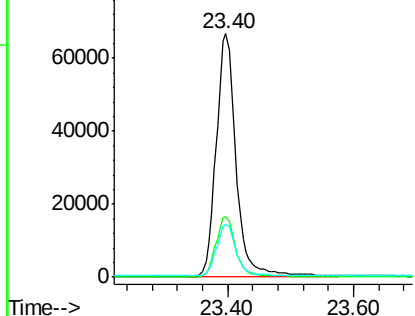


#32
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.40 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: BE090514.D
 Acq: 14 Aug 2015 10:06

Tgt Ion:264 Resp: 147016
 Ion Ratio Lower Upper
 264 100
 260 24.8 20.1 30.1
 265 21.9 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

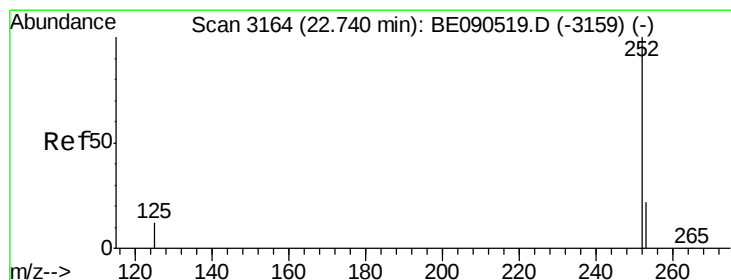
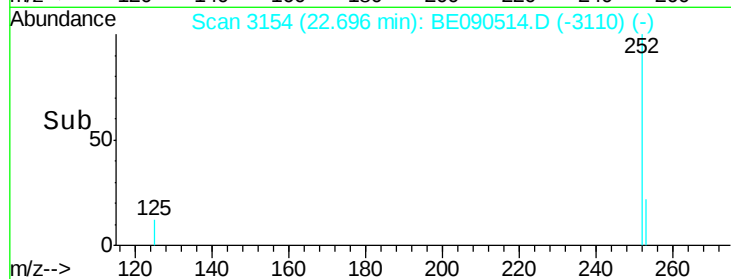
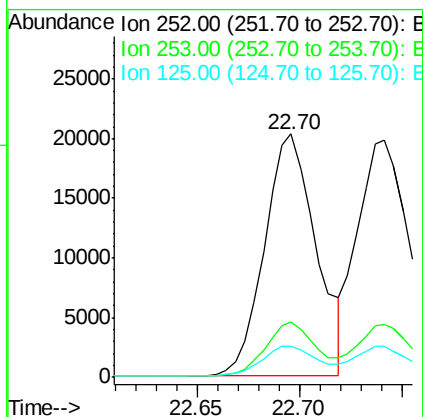
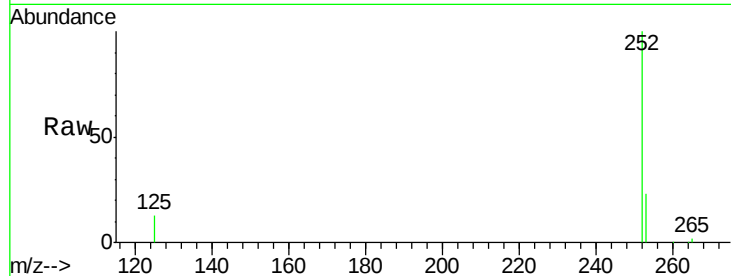




#33
Benzo(b)fluoranthene
Concen: 0.98 ng
RT: 22.70 min Scan# 3154
Delta R.T. 0.00 min
Lab File: BE090514.D
Acq: 14 Aug 2015 10:06

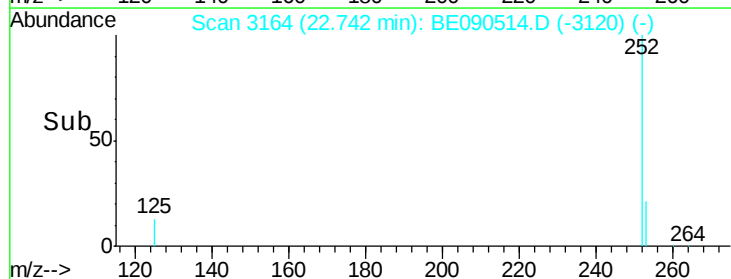
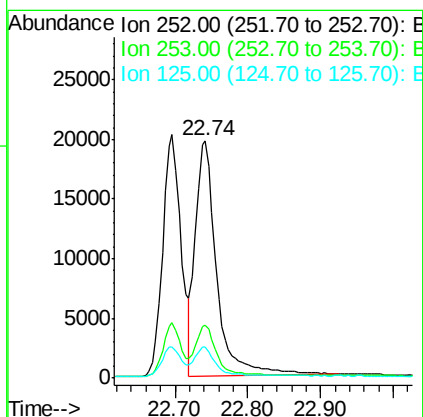
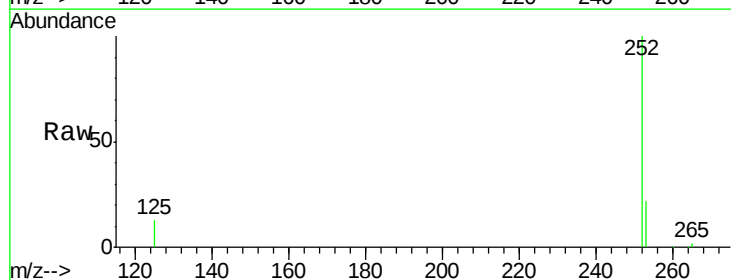
Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tot Ion:252 Resp: 35582
Ion Ratio Lower Upper
252 100
253 22.8 18.1 27.1
125 13.0 9.4 14.2



#34
Benzo(k)fluoranthene
Concen: 0.96 ng
RT: 22.74 min Scan# 3164
Delta R.T. 0.00 min
Lab File: BE090514.D
Acq: 14 Aug 2015 10:06

Tgt Ion:252 Resp: 39843
Ion Ratio Lower Upper
252 100
253 22.2 18.1 27.1
125 13.3 9.1 13.7





#35

Benzo(a)pyrene

Concen: 0.99 ng

RT: 23.29 min Scan# 3284

Delta R.T. -0.00 min

Lab File: BE090514.D

Acq: 14 Aug 2015 10:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

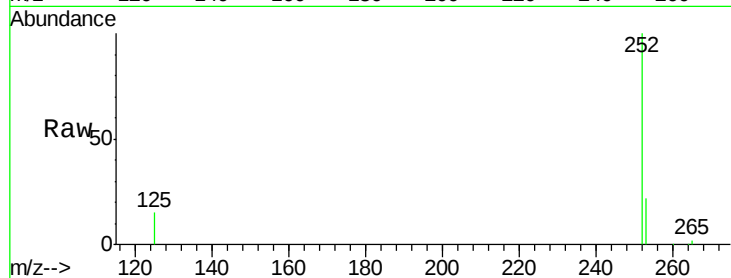
Tot Ion:252 Resp: 32742

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

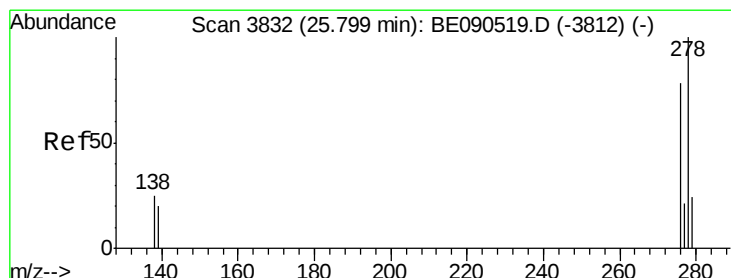
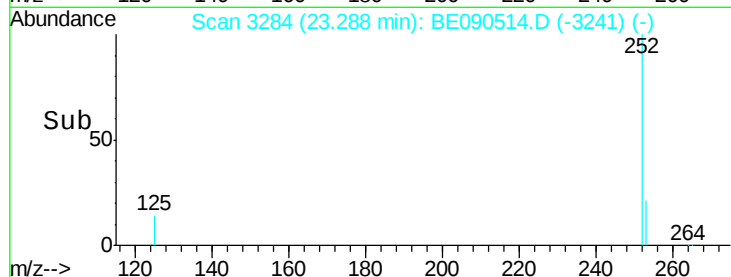
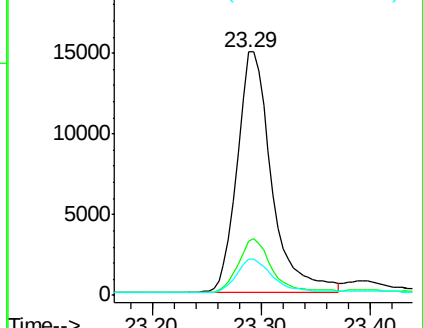
125 14.9 9.8 14.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Dibenzo(a,h)anthracene

Concen: 0.98 ng

RT: 25.80 min Scan# 3832

Delta R.T. -0.00 min

Lab File: BE090514.D

Acq: 14 Aug 2015 10:06

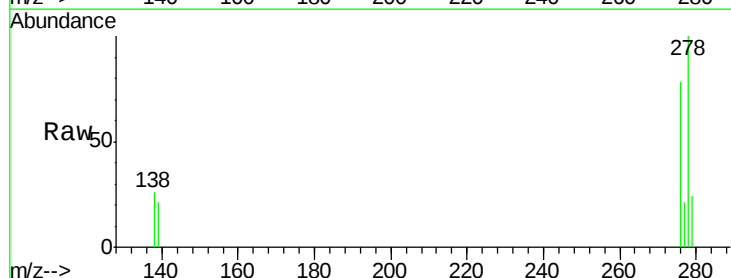
Tgt Ion:278 Resp: 31092

Ion Ratio Lower Upper

278 100

139 20.7 14.2 21.4

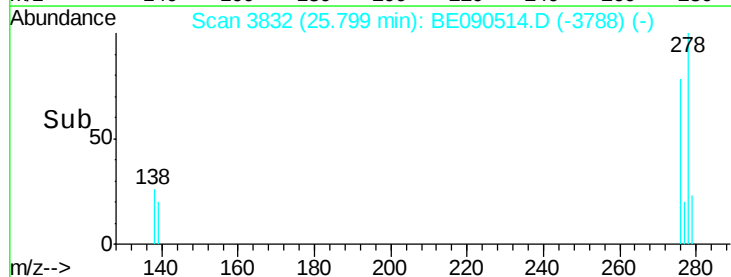
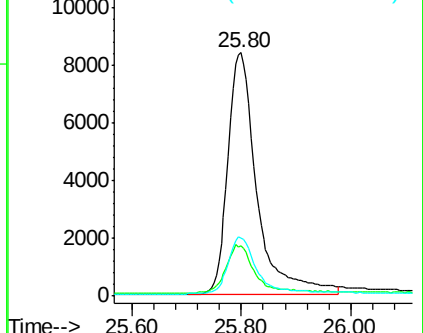
279 24.0 20.1 30.1



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#37

Benzo(a,h,i)perylene

Concen: 0.98 ng

RT: 26.51 min Scan# 3988

Delta R.T. -0.00 min

Lab File: BE090514.D

Acq: 14 Aug 2015 10:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

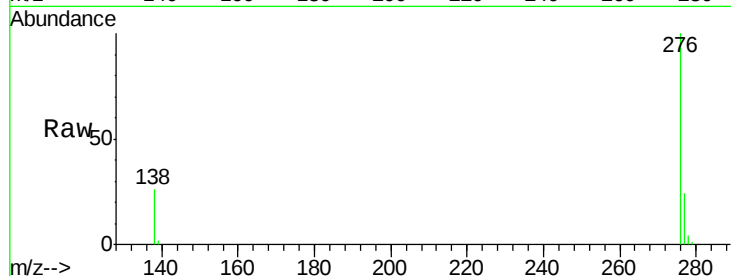
Tot Ion: 276 Resp: 34362

Ion Ratio Lower Upper

276 100

277 24.1 20.1 30.1

138 26.1 18.1 27.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

