

Data Path : Z:\HPCHEM1\BNA E\DATA\BE082615\
 Data File : BE090635.D
 Acq On : 26 Aug 2015 11:52
 Operator : UM/IZ
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

Quant Time: Aug 26 23:41:22 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 16:52:42 2015
 Response via : Initial Calibration

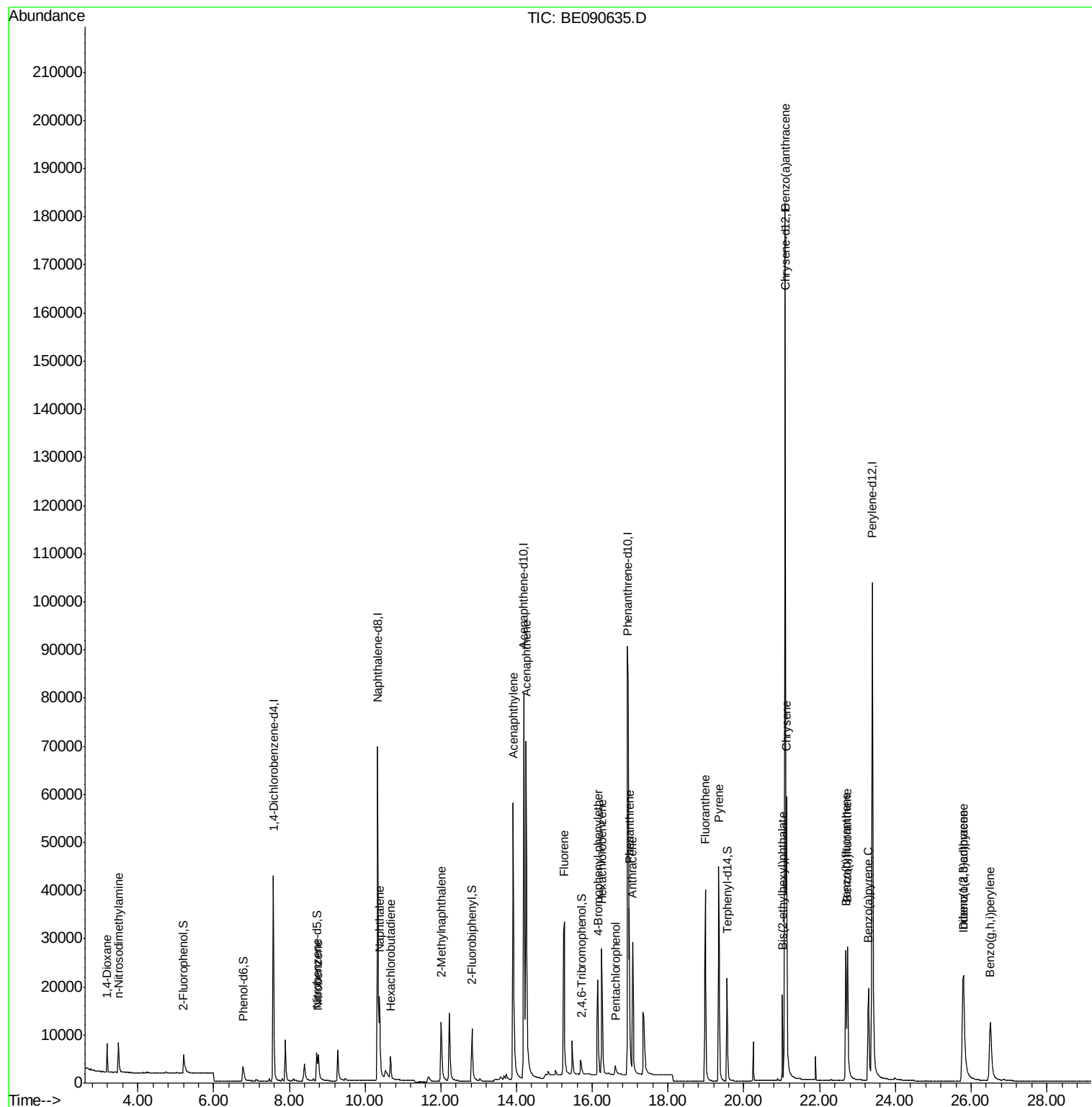
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	23308	5.00	ng	0.00
6) Naphthalene-d8	10.33	136	106903	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	62890	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	161984	5.00	ng	0.00
25) Chrysene-d12	21.09	240	181857	5.00	ng	0.00
32) Perylene-d12	23.40	264	162889	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	4942	0.73	ng	0.00
5) Phenol-d6	6.77	99	6849	0.69	ng	0.00
7) Nitrobenzene-d5	8.72	82	7979	0.94	ng	0.00
13) 2,4,6-Tribromophenol	15.71	330	1950	0.81	ng	0.00
14) 2-Fluorobiphenyl	12.82	172	16958	0.90	ng	0.00
27) Terphenyl-d14	19.55	244	29078	0.87	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	3261	1.17	ng	97
3) n-Nitrosodimethylamine	3.49	42	4100	1.02	ng	# 80
8) Nitrobenzene	8.77	77	7968	0.90	ng	97
9) Naphthalene	10.38	128	23645	0.97	ng	98
10) Hexachlorobutadiene	10.67	225	3702	1.04	ng	99
11) 2-Methylnaphthalene	12.01	142	14693	0.93	ng	98
15) Acenaphthylene	13.91	152	106561	0.93	ng	100
16) Acenaphthene	14.26	154	16877	0.98	ng	82
17) Fluorene	15.26	166	22223	1.05	ng	97
19) 4-Bromophenyl-phenylether	16.14	248	5806	0.88	ng	81
20) Hexachlorobenzene	16.25	284	28303	0.96	ng	95
21) Pentachlorophenol	16.61	266	1806	0.78	ng	92
22) Phenanthrene	16.98	178	39895	0.94	ng	100
23) Anthracene	17.07	178	36115	0.92	ng	100
24) Fluoranthene	18.98	202	43971	0.97	ng	99
26) Pyrene	19.34	202	46809	0.90	ng	100
28) Benzo(a)anthracene	21.08	228	43765	0.91	ng	98
29) Chrysene	21.13	228	50379	1.03	ng	99
30) Bis(2-ethylhexyl)phthalate	21.02	149	15370	0.66	ng	99
31) Indeno(1,2,3-cd)pyrene	25.78	276	42035	0.91	ng	# 93
33) Benzo(b)fluoranthene	22.70	252	38216	0.99	ng	99
34) Benzo(k)fluoranthene	22.74	252	44120	1.01	ng	97
35) Benzo(a)pyrene	23.29	252	34147	0.95	ng	97
36) Dibenzo(a,h)anthracene	25.80	278	31840	0.91	ng	97
37) Benzo(g,h,i)perylene	26.51	276	35305	0.93	ng	95

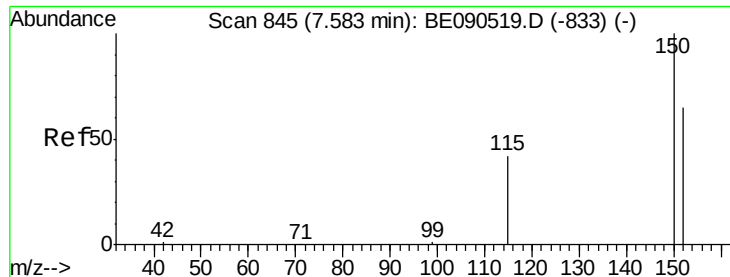
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.57 min Scan# 843

Delta R.T. -0.01 min

Lab File: BE090635.D

Acq: 26 Aug 2015 11:52

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

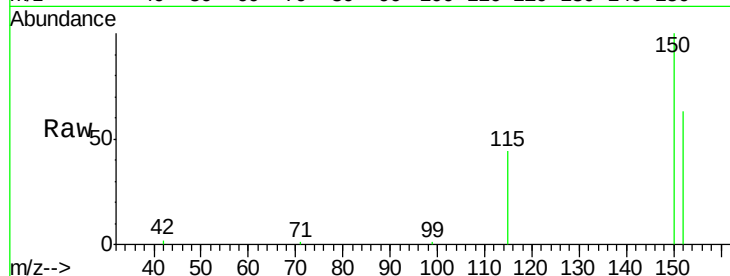
Tot Ion:152 Resp: 23308

Ion Ratio Lower Upper

152 100

150 157.7 123.0 184.4

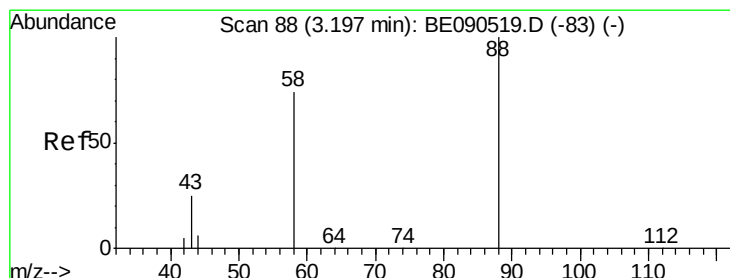
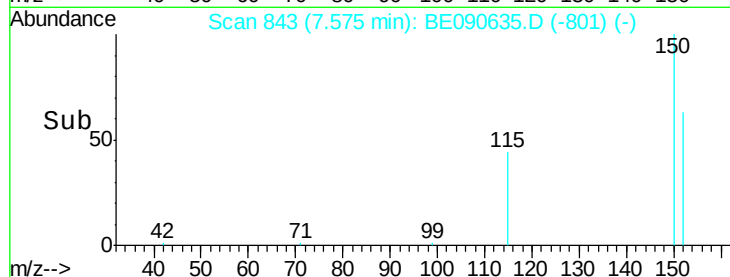
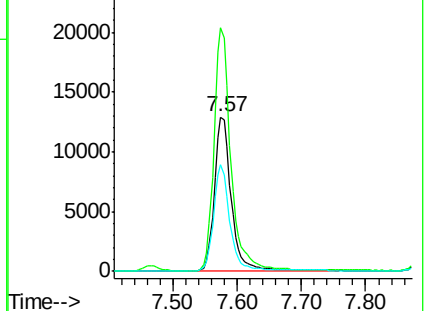
115 68.9 48.9 73.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 1.17 ng

RT: 3.19 min Scan# 87

Delta R.T. -0.01 min

Lab File: BE090635.D

Acq: 26 Aug 2015 11:52

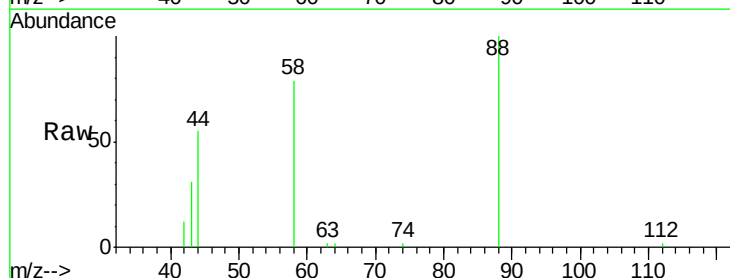
Tgt Ion: 88 Resp: 3261

Ion Ratio Lower Upper

88 100

58 85.9 70.0 105.0

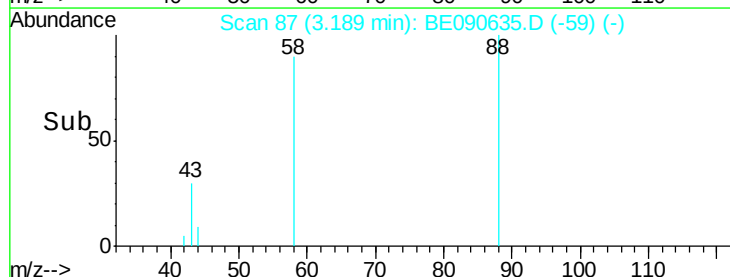
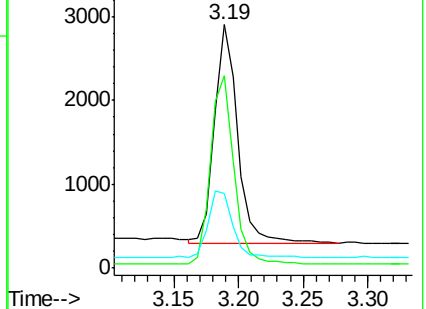
43 31.6 28.4 42.6

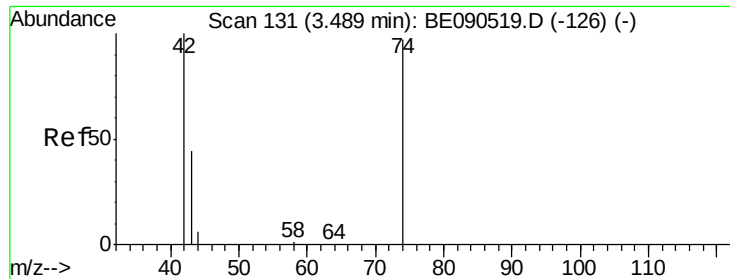


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 1.02 ng

RT: 3.49 min Scan# 131

Delta R.T. -0.00 min

Lab File: BE090635.D

Acq: 26 Aug 2015 11:52

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

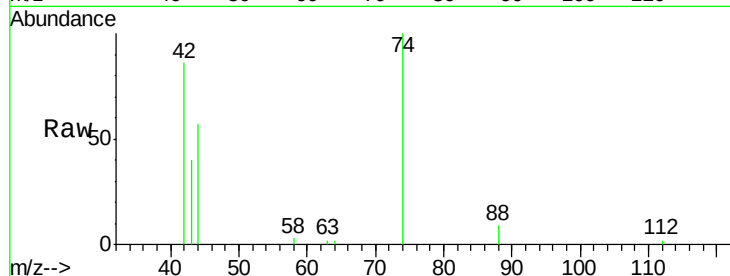
Tot Ion: 42 Resp: 4100

Ion Ratio Lower Upper

42 100

74 115.3 75.2 112.8#

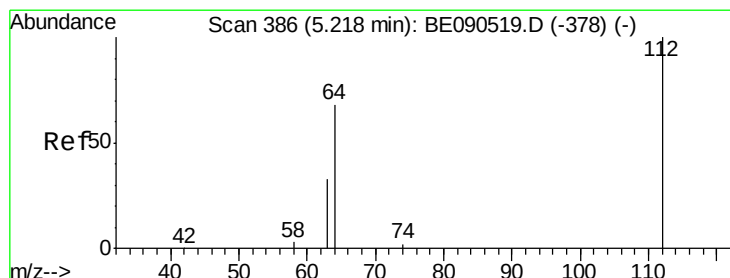
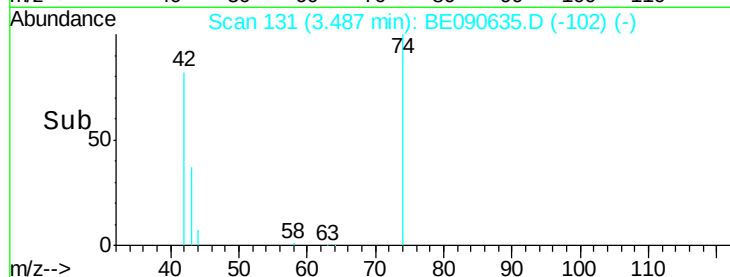
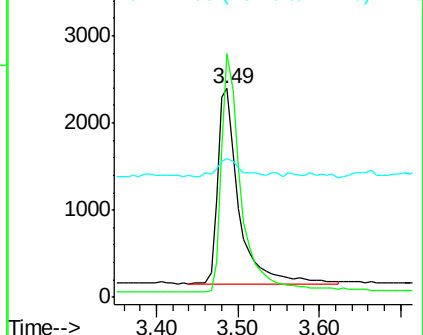
44 9.8 8.7 13.1



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 0.73 ng

RT: 5.21 min Scan# 385

Delta R.T. -0.01 min

Lab File: BE090635.D

Acq: 26 Aug 2015 11:52

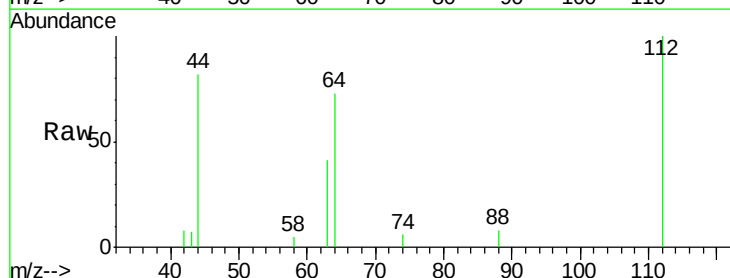
Tgt Ion: 112 Resp: 4942

Ion Ratio Lower Upper

112 100

64 69.1 37.1 55.7#

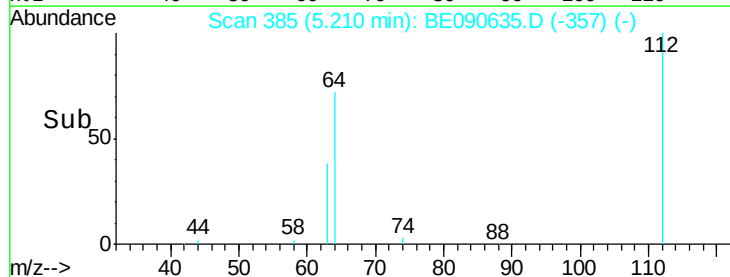
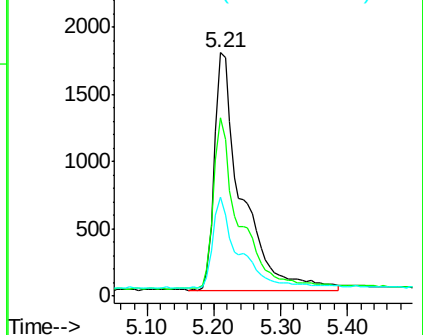
63 37.0 19.5 29.3#

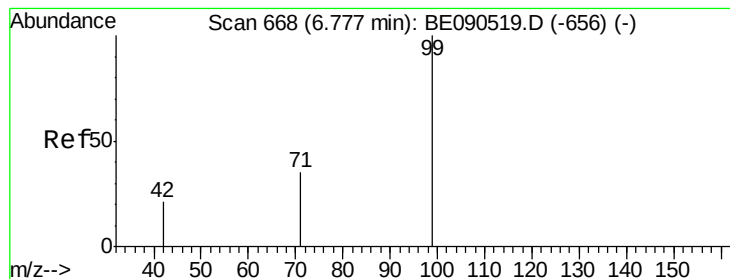


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.69 ng

RT: 6.77 min Scan# 667

Delta R.T. -0.00 min

Lab File: BE090635.D

Acq: 26 Aug 2015 11:52

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

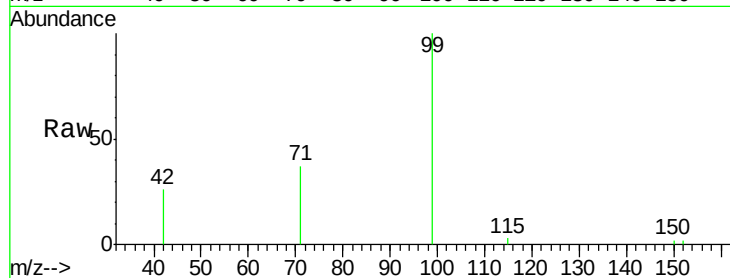
Tot Ion: 99 Resp: 6849

Ion Ratio Lower Upper

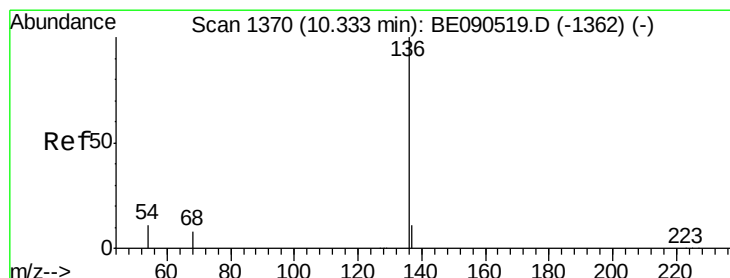
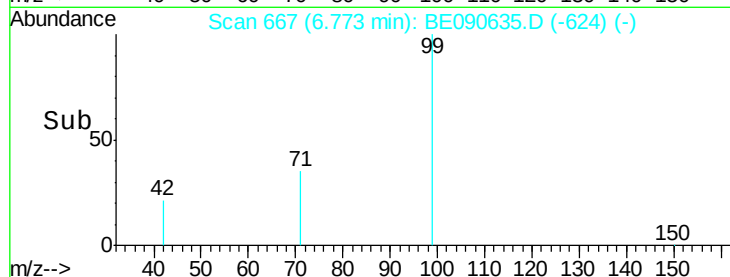
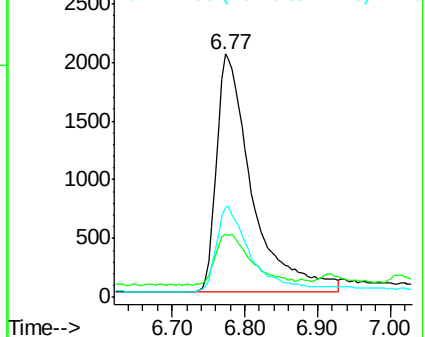
99 100

42 21.9 18.2 27.4

71 35.2 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: BE090635.D

Acq: 26 Aug 2015 11:52

Tgt Ion: 136 Resp: 106903

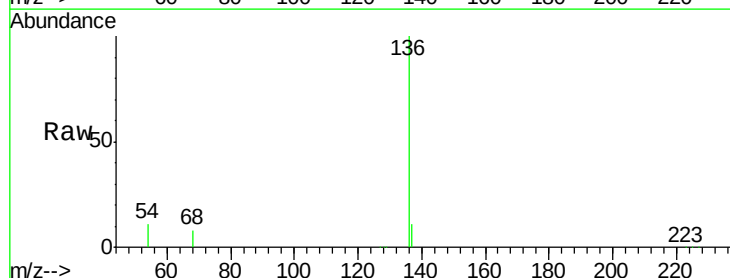
Ion Ratio Lower Upper

136 100

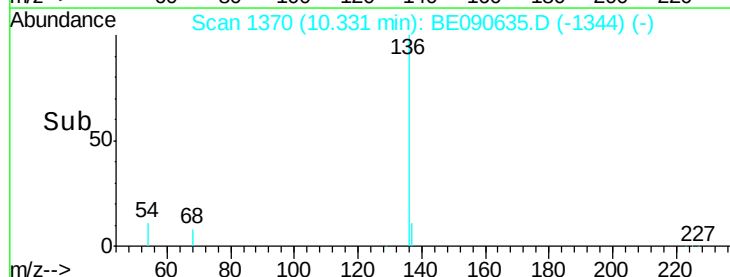
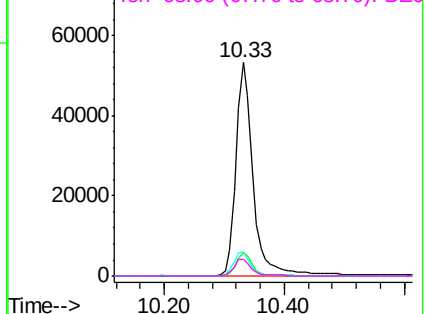
137 11.1 8.7 13.1

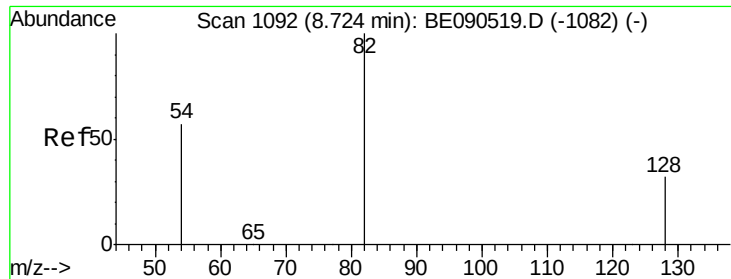
54 11.2 9.4 14.0

68 8.1 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: 0.94 ng

RT: 8.72 min Scan# 1092

Delta R.T. 0.00 min

Lab File: BE090635.D

Acq: 26 Aug 2015 11:52

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

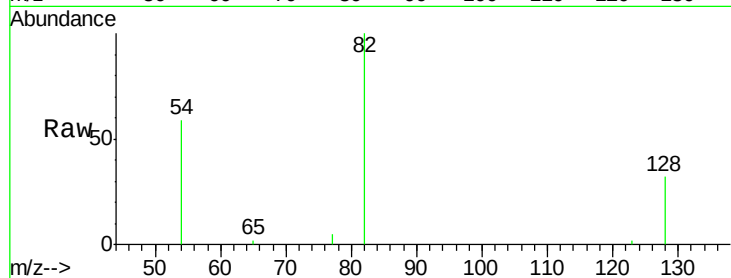
Tot Ion: 82 Resp: 7979

Ion Ratio Lower Upper

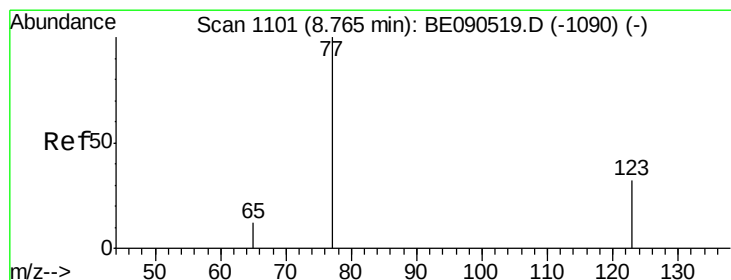
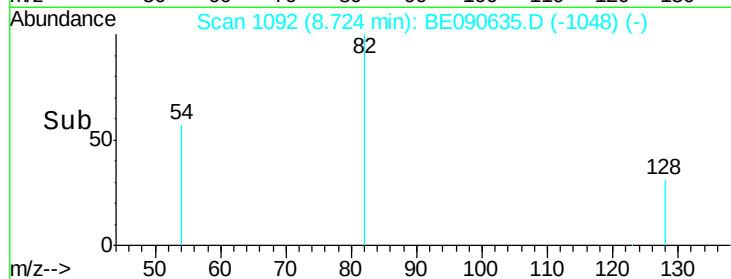
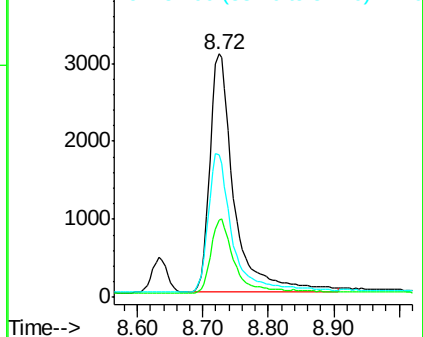
82 100

128 31.7 25.0 37.6

54 58.7 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: 0.90 ng

RT: 8.77 min Scan# 1101

Delta R.T. 0.00 min

Lab File: BE090635.D

Acq: 26 Aug 2015 11:52

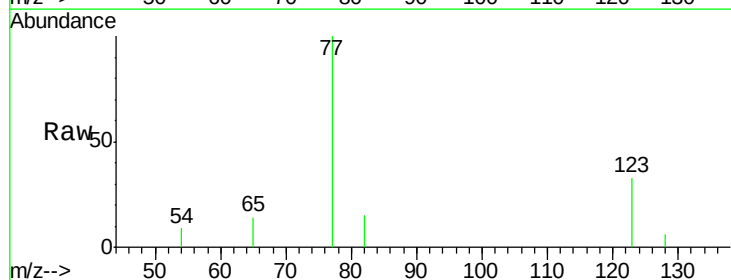
Tgt Ion: 77 Resp: 7968

Ion Ratio Lower Upper

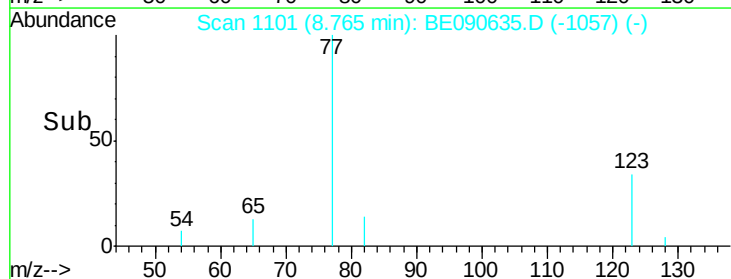
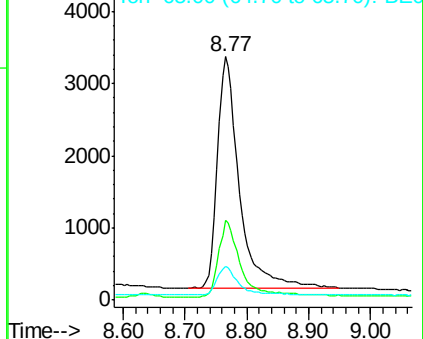
77 100

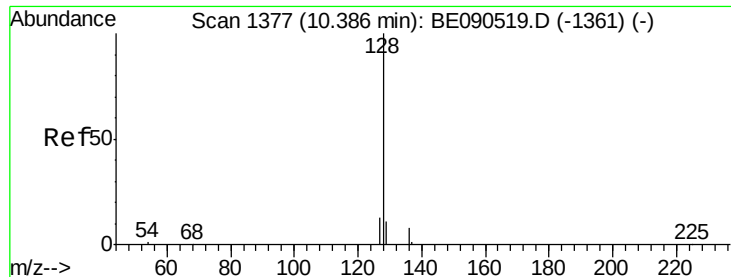
123 33.5 25.1 37.7

65 11.9 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: 0.97 ng

RT: 10.38 min Scan# 1376

Delta R.T. -0.01 min

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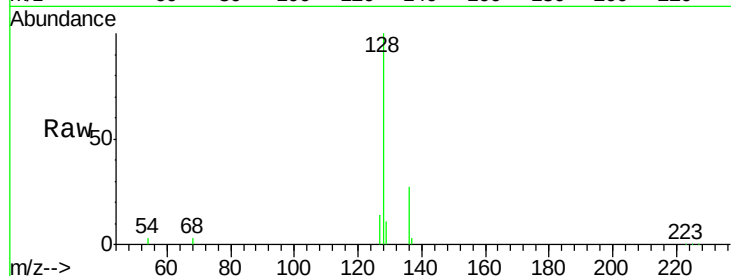
Tot Ion:128 Resp: 23645

Ion Ratio Lower Upper

128 100

129 11.4 9.8 14.6

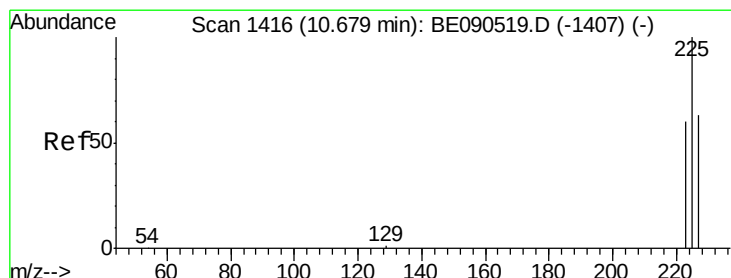
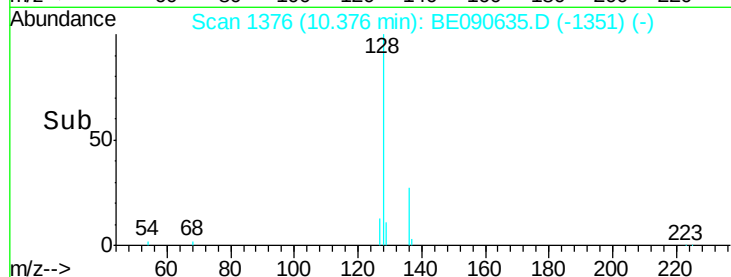
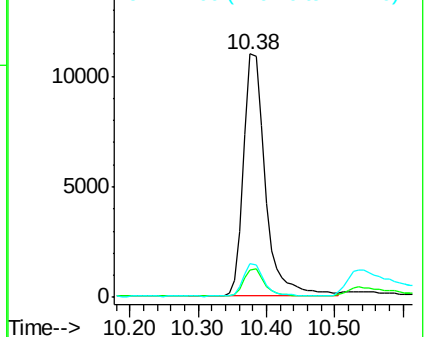
127 13.8 10.6 16.0



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: 1.04 ng

RT: 10.67 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BE090635.D

Acq: 26 Aug 2015 11:52

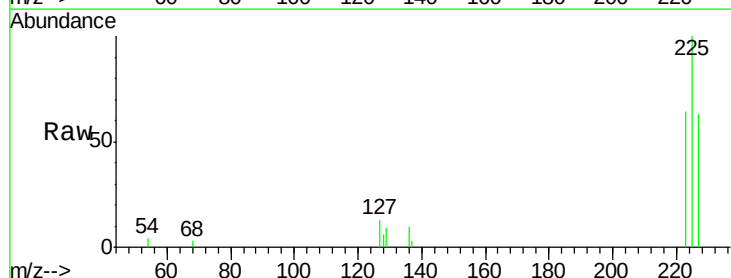
Tgt Ion:225 Resp: 3702

Ion Ratio Lower Upper

225 100

223 62.6 50.6 75.8

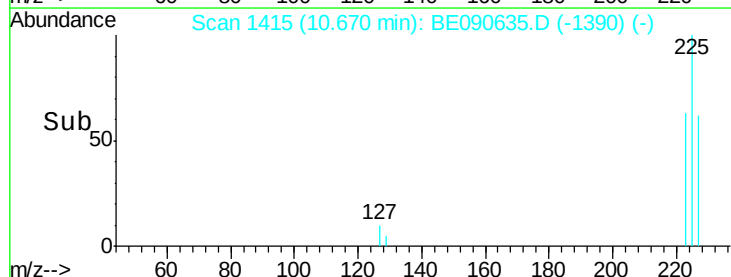
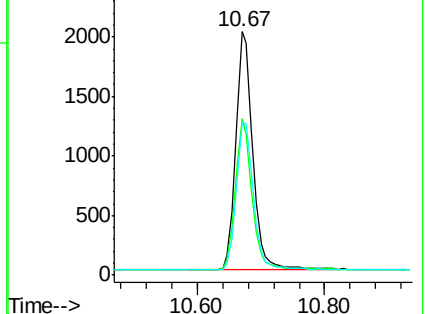
227 62.9 50.7 76.1

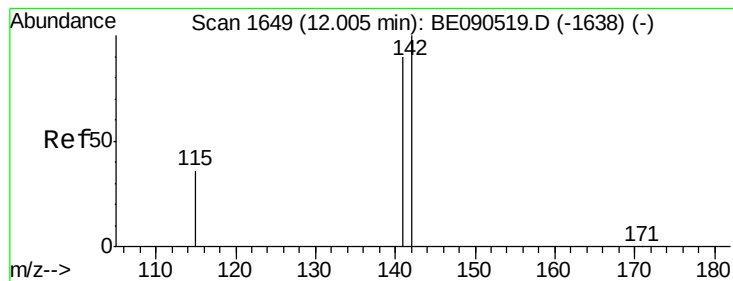


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 0.93 ng

RT: 12.01 min Scan# 1649

Delta R.T. 0.00 min

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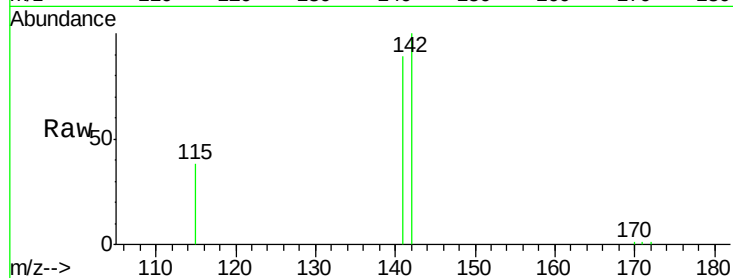
Tot Ion:142 Resp: 14693

Ion Ratio Lower Upper

142 100

141 89.1 72.6 109.0

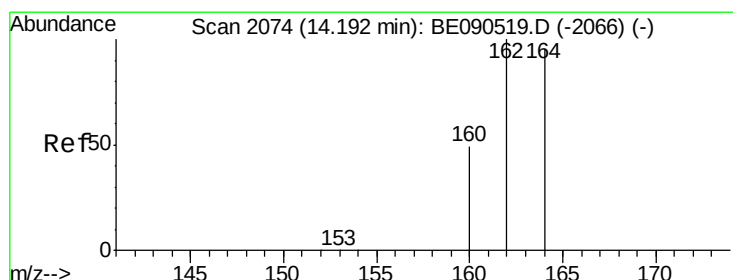
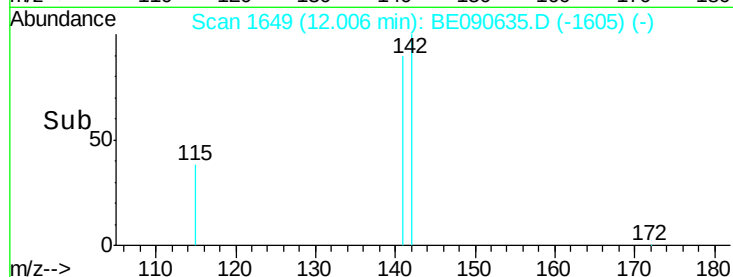
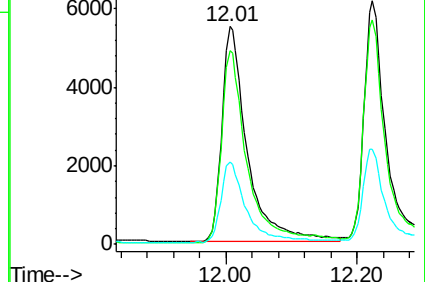
115 37.8 31.6 47.4



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# 2074

Delta R.T. 0.00 min

Lab File: BE090635.D

Acq: 26 Aug 2015 11:52

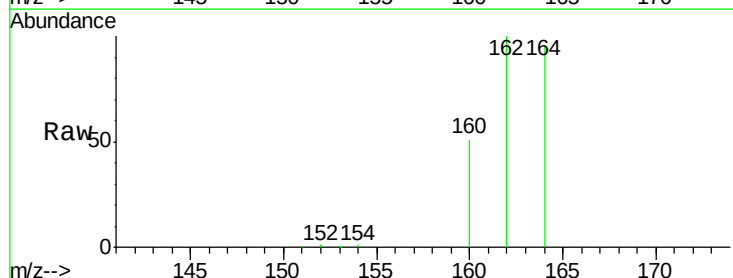
Tgt Ion:164 Resp: 62890

Ion Ratio Lower Upper

164 100

162 103.8 81.8 122.8

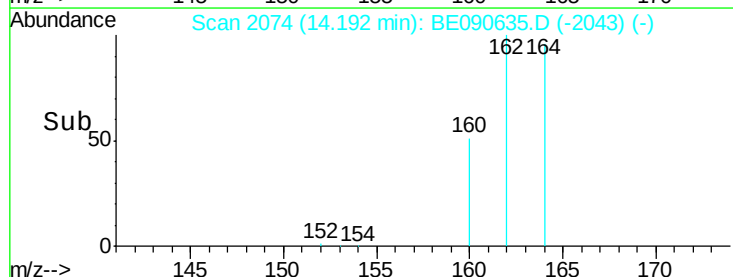
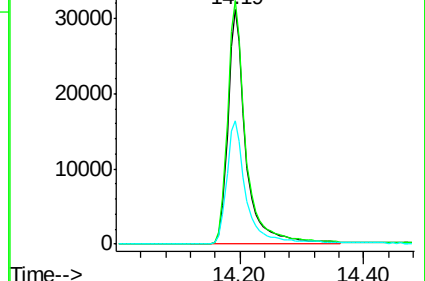
160 52.7 44.2 66.4

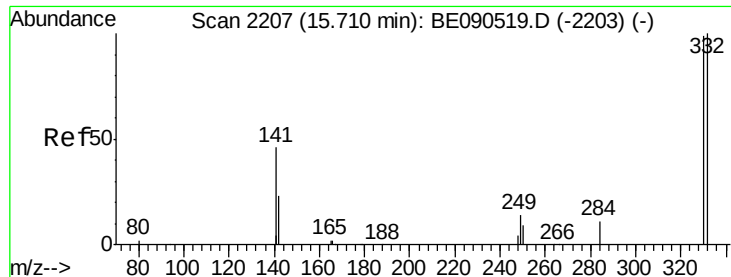


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

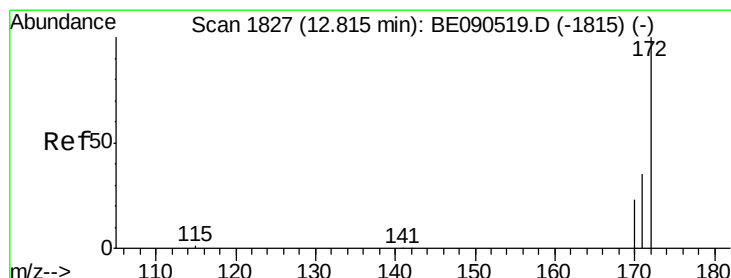
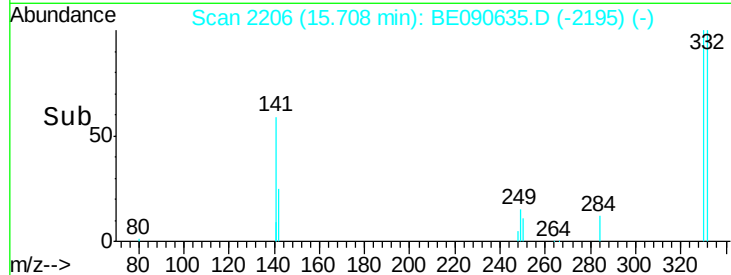
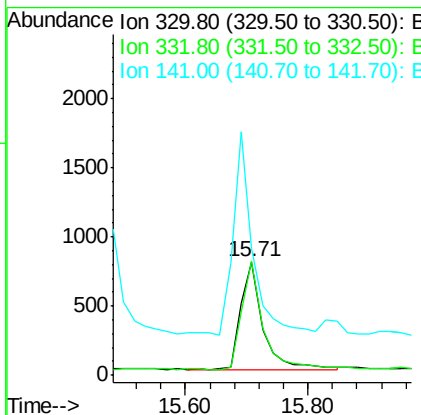
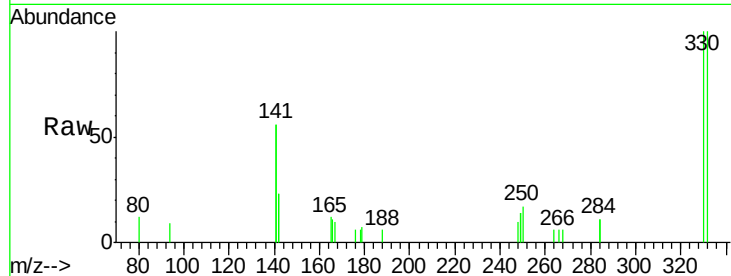




#13
 2,4,6-Tribromophenol
 Concen: 0.81 ng
 RT: 15.71 min Scan# 2206
 Delta R.T. -0.00 min
 Lab File: BE090635.D
 Acq: 26 Aug 2015 11:52

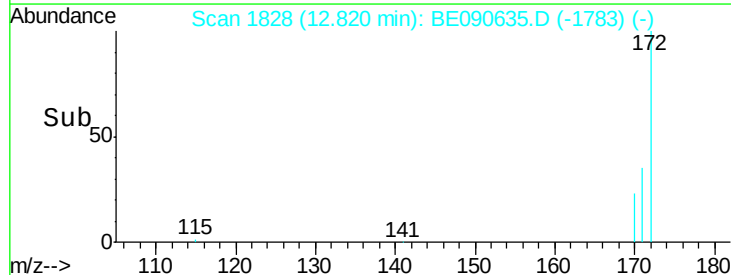
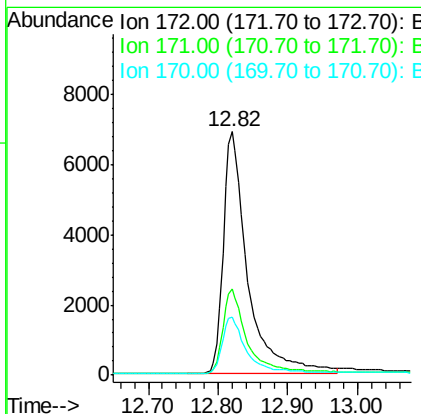
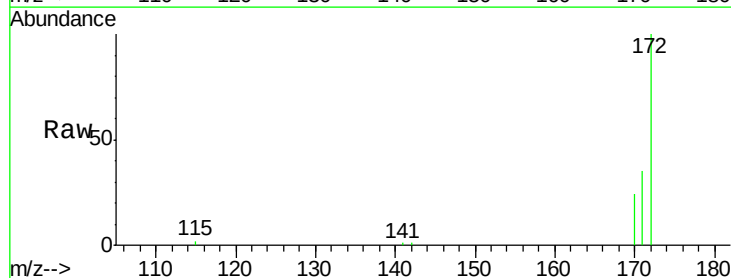
Instrument :
 BNA_E
 ClientSampleId :
 SSTCCCC001

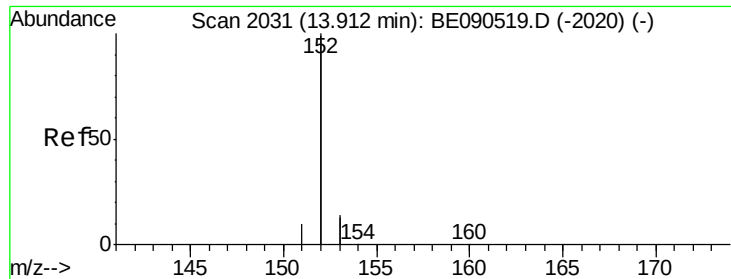
Tot Ion:330 Resp: 1950
 Ion Ratio Lower Upper
 330 100
 332 95.7 75.8 113.6
 141 162.1 114.4 171.6



#14
 2-Fluorobiphenyl
 Concen: 0.90 ng
 RT: 12.82 min Scan# 1828
 Delta R.T. 0.00 min
 Lab File: BE090635.D
 Acq: 26 Aug 2015 11:52

Tgt Ion:172 Resp: 16958
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.5 42.7
 170 23.8 19.8 29.8





#15

Acenaphthylene

Concen: 0.93 ng

RT: 13.91 min Scan# 2031

Delta R.T. 0.00 min

Lab File: BE090635.D

Acq: 26 Aug 2015 11:52

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

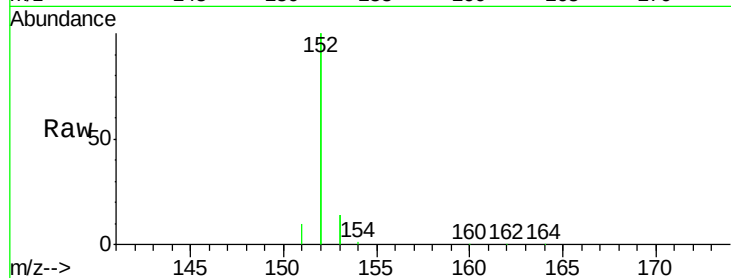
Tot Ion:152 Resp: 106561

Ion Ratio Lower Upper

152 100

151 4.9 3.8 5.8

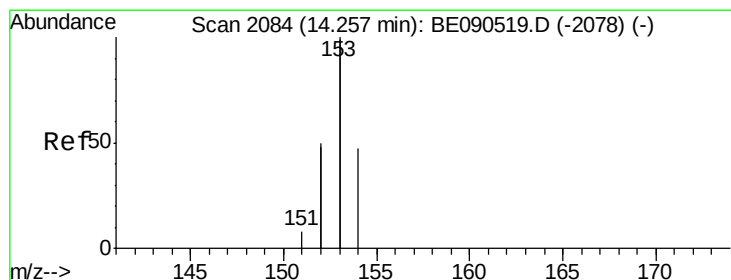
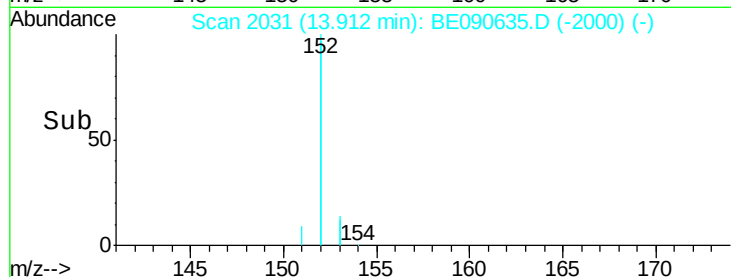
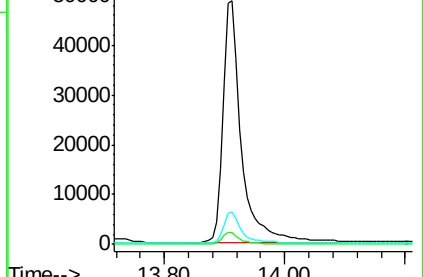
153 12.9 10.3 15.5



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: 0.98 ng

RT: 14.26 min Scan# 2084

Delta R.T. 0.00 min

Lab File: BE090635.D

Acq: 26 Aug 2015 11:52

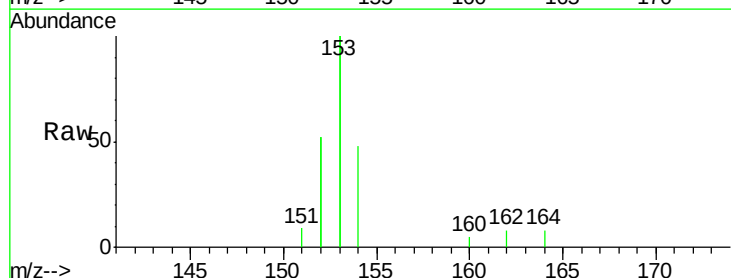
Tgt Ion:154 Resp: 16877

Ion Ratio Lower Upper

154 100

153 441.3 376.2 564.2

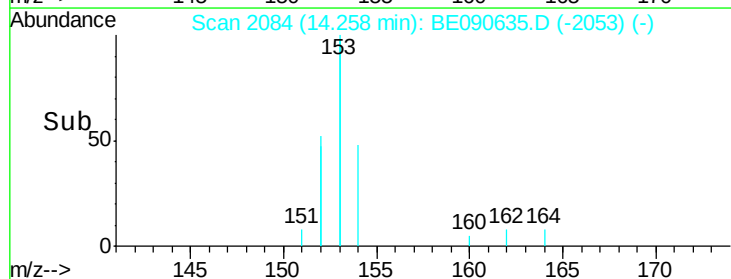
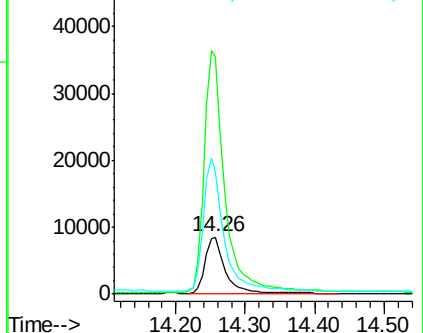
152 237.5 235.0 352.4

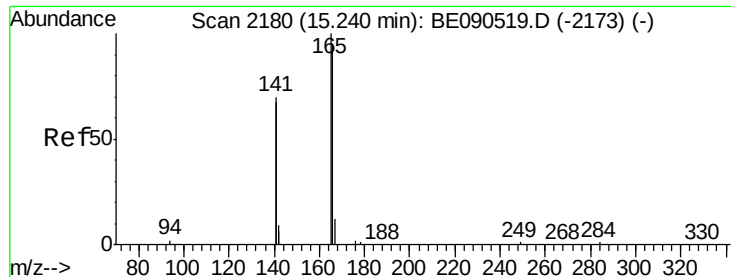


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#17

Fluorene

Concen: 1.05 ng

RT: 15.26 min Scan# 2180

Delta R.T. 0.02 min

Lab File: BE090635.D

Acq: 26 Aug 2015 11:52

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

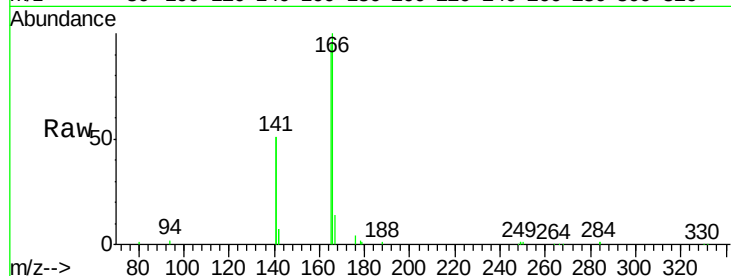
Tot Ion:166 Resp: 22223

Ion Ratio Lower Upper

166 100

165 98.6 81.5 122.3

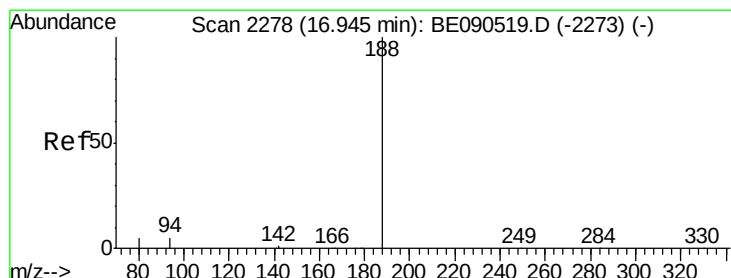
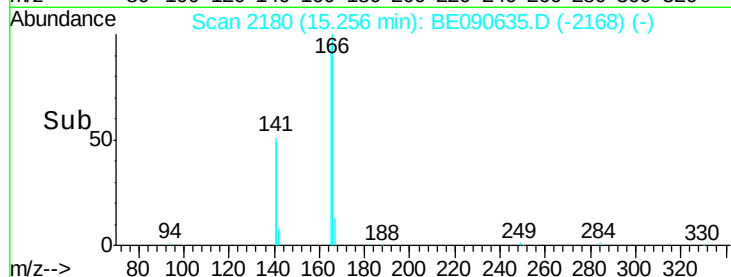
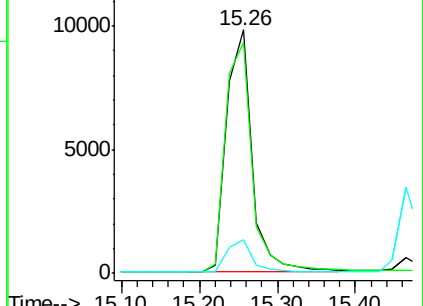
167 13.2 11.4 17.0



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: 16.94 min Scan# 2277

Delta R.T. -0.00 min

Lab File: BE090635.D

Acq: 26 Aug 2015 11:52

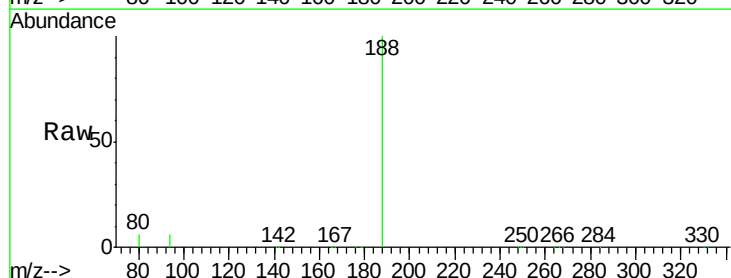
Tgt Ion:188 Resp: 161984

Ion Ratio Lower Upper

188 100

94 5.8 5.7 8.5

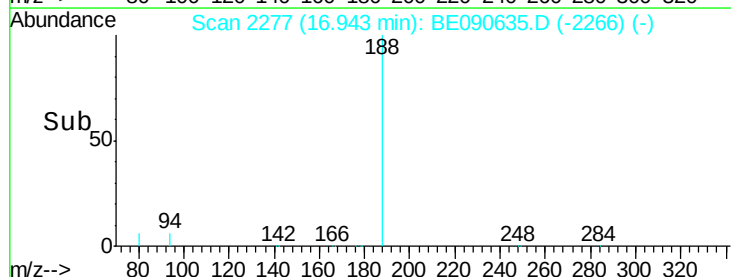
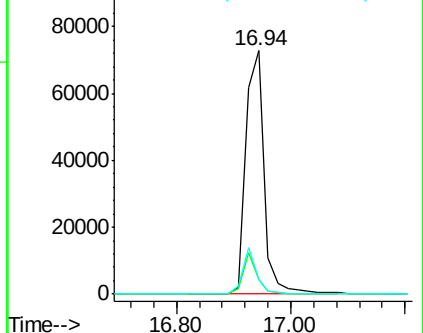
80 6.0 5.8 8.8

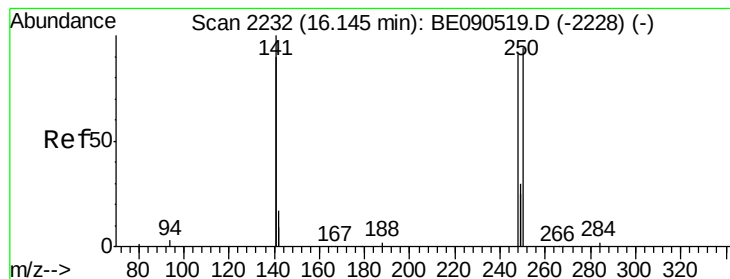


Abundance Ion 188.00 (187.70 to 188.70): E

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: 16.14 min Scan# 2231

Delta R.T. -0.00 min

Lab File: BE090635.D

Acq: 26 Aug 2015 11:52

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

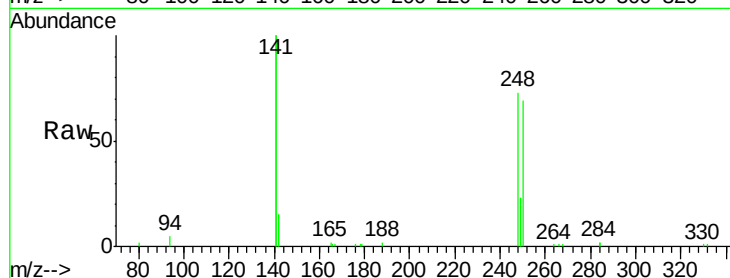
Tot Ion:248 Resp: 5806

Ion Ratio Lower Upper

248 100

250 96.4 79.0 118.6

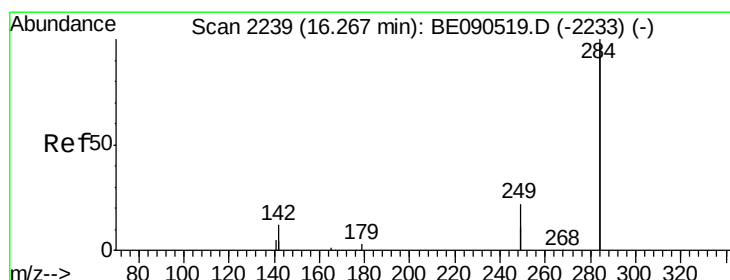
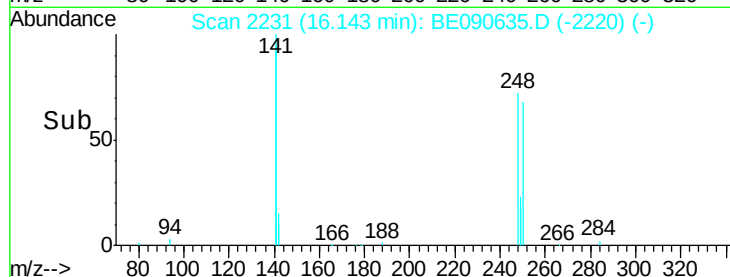
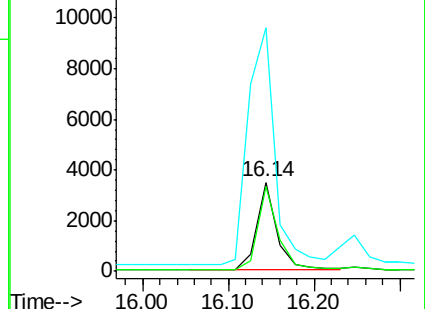
141 346.6 239.5 359.3



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: 0.96 ng

RT: 16.25 min Scan# 2237

Delta R.T. -0.02 min

Lab File: BE090635.D

Acq: 26 Aug 2015 11:52

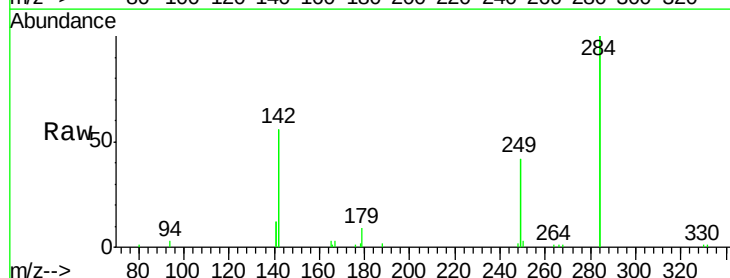
Tgt Ion:284 Resp: 28303

Ion Ratio Lower Upper

284 100

142 41.9 30.1 45.1

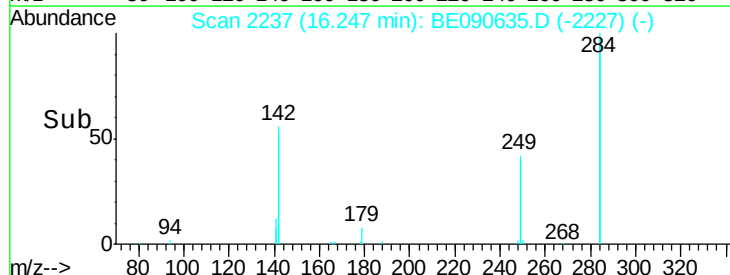
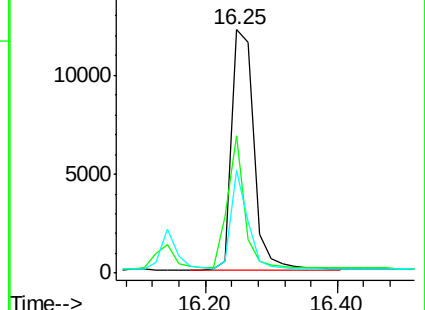
249 31.4 25.7 38.5

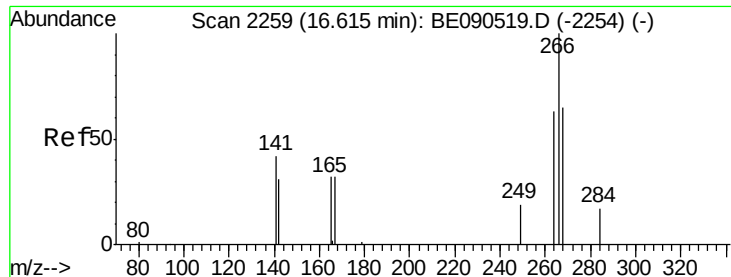


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

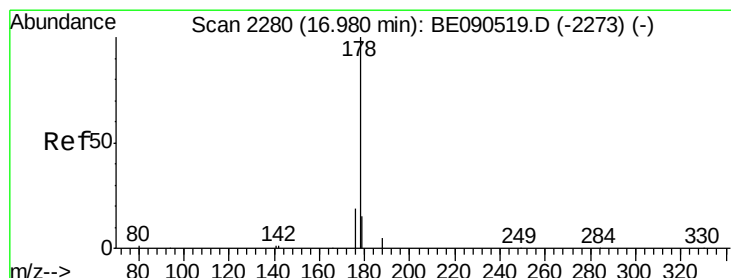
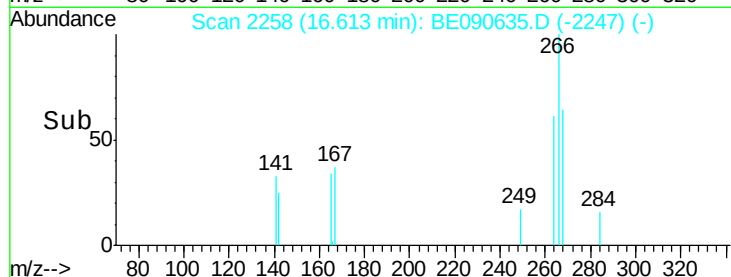
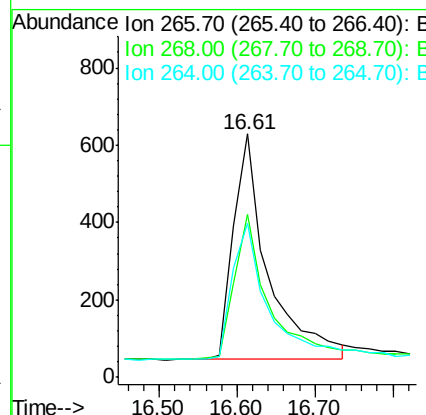
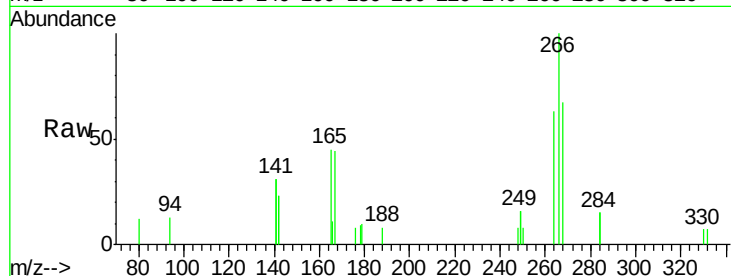




#21
 Pentachlorophenol
 Concen: 0.78 ng
 RT: 16.61 min Scan# 2258
 Delta R.T. -0.00 min
 Lab File: BE090635.D
 Acq: 26 Aug 2015 11:52

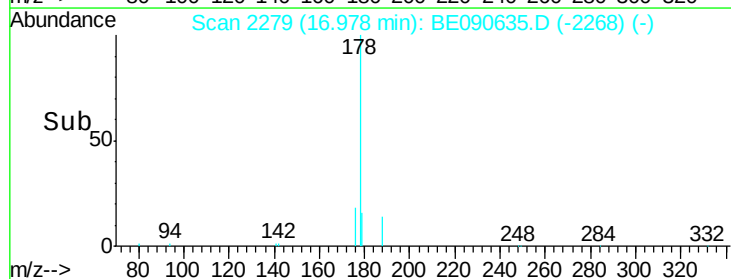
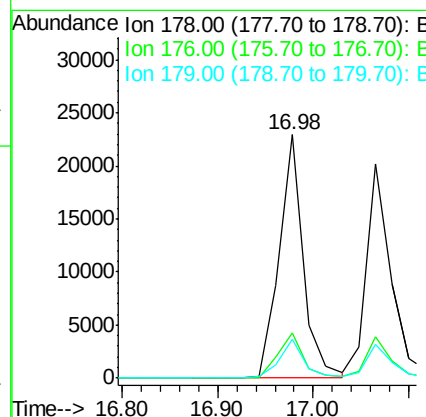
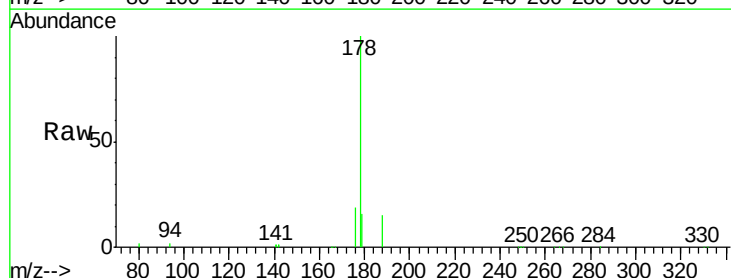
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

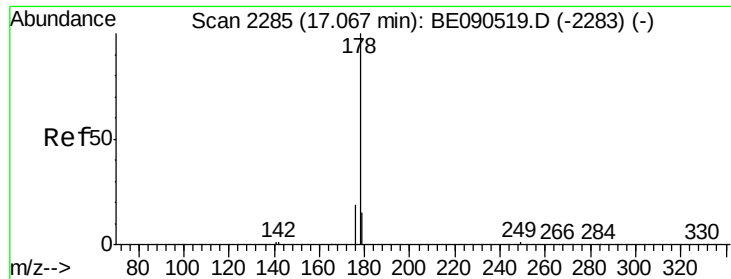
Tot Ion:	266	Resp:	1806
Ion	Ratio	Lower	Upper
266	100		
268	66.9	58.5	87.7
264	63.3	56.0	84.0



#22
 Phenanthrene
 Concen: 0.94 ng
 RT: 16.98 min Scan# 2279
 Delta R.T. -0.00 min
 Lab File: BE090635.D
 Acq: 26 Aug 2015 11:52

Tgt Ion:	178	Resp:	39895
Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	15.6	12.5	18.7





#23

Anthracene

Concen: 0.92 ng

RT: 17.07 min Scan# 2284

Delta R.T. -0.00 min

Lab File: BE090635.D

Acq: 26 Aug 2015 11:52

Instrument :

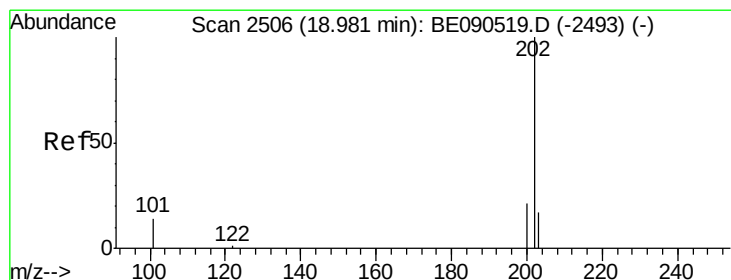
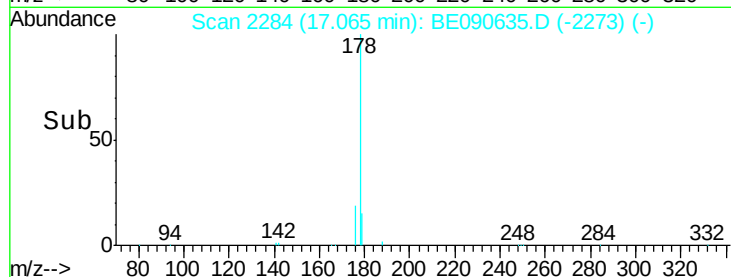
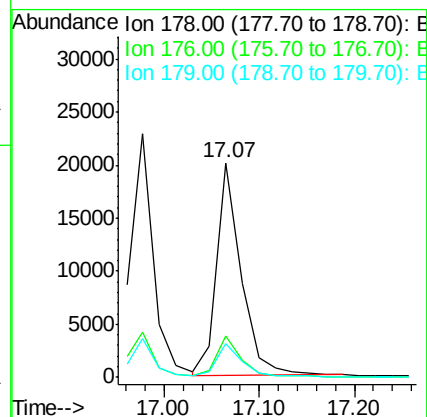
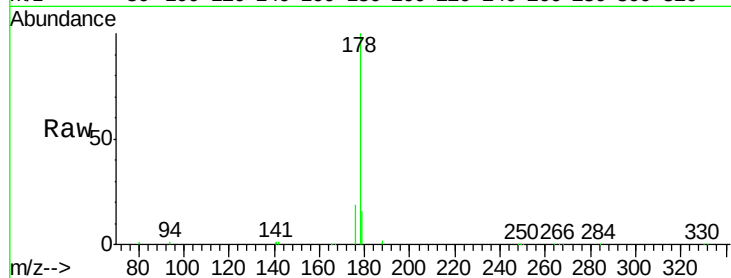
BNA_E

ClientSampleId :

SSTDCCC001

Tot Ion:178 Resp: 36115

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



#24

Fluoranthene

Concen: 0.97 ng

RT: 18.98 min Scan# 2505

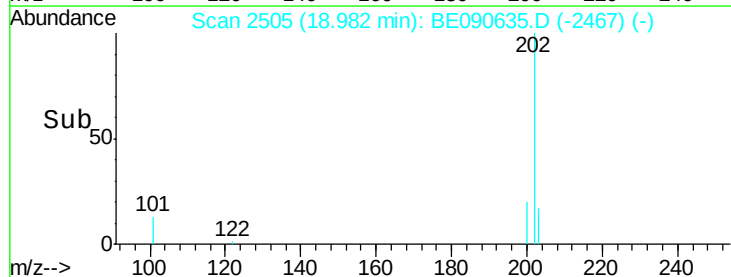
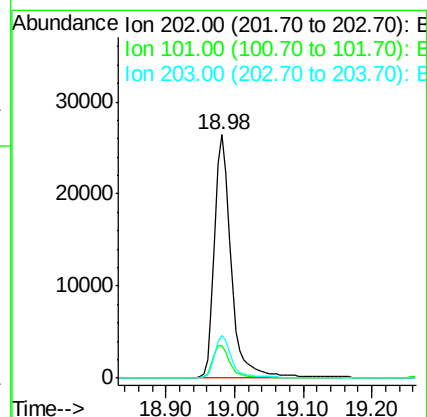
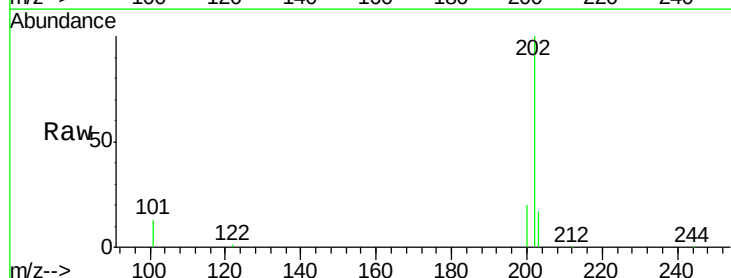
Delta R.T. 0.00 min

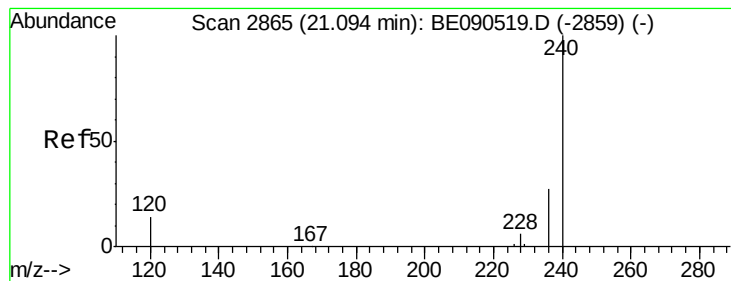
Lab File: BE090635.D

Acq: 26 Aug 2015 11:52

Tgt Ion:202 Resp: 43971

Ion	Ratio	Lower	Upper
202	100		
101	13.9	10.3	15.5
203	17.2	13.7	20.5





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.09 min Scan# 2864

Delta R.T. 0.00 min

Lab File: BE090635.D

Acq: 26 Aug 2015 11:52

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

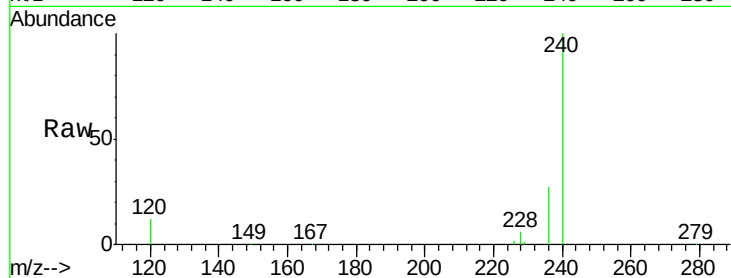
Tot Ion:240 Resp: 181857

Ion Ratio Lower Upper

240 100

120 11.5 8.3 12.5

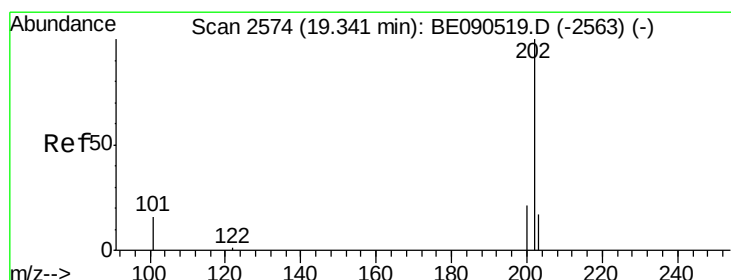
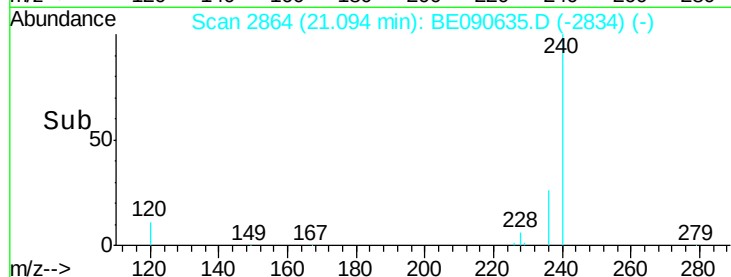
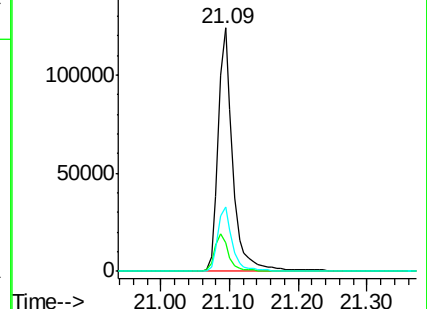
236 26.5 21.0 31.4



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



#26

Pyrene

Concen: 0.90 ng

RT: 19.34 min Scan# 2573

Delta R.T. 0.00 min

Lab File: BE090635.D

Acq: 26 Aug 2015 11:52

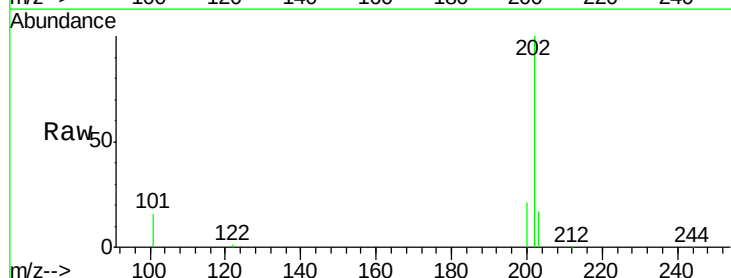
Tgt Ion:202 Resp: 46809

Ion Ratio Lower Upper

202 100

200 21.1 16.7 25.1

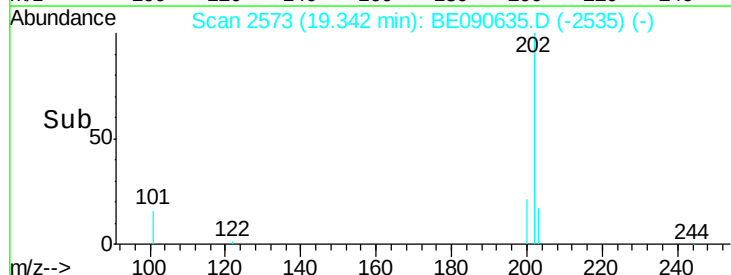
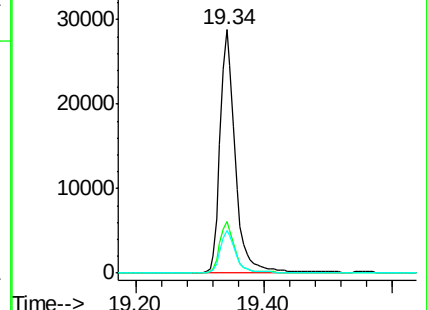
203 17.5 13.8 20.8

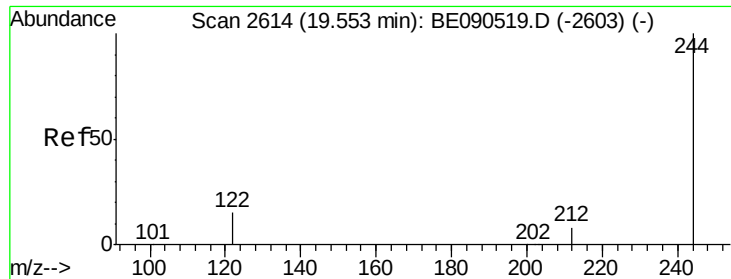


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

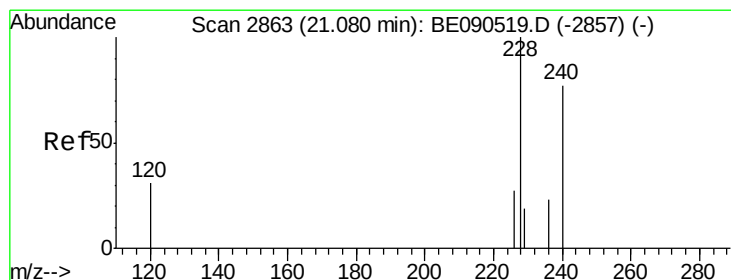
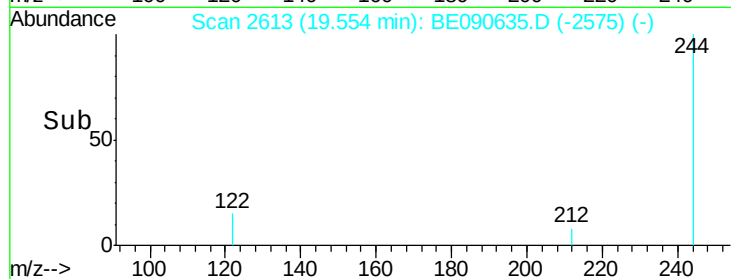
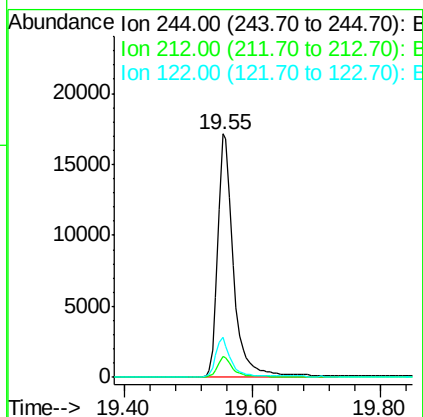
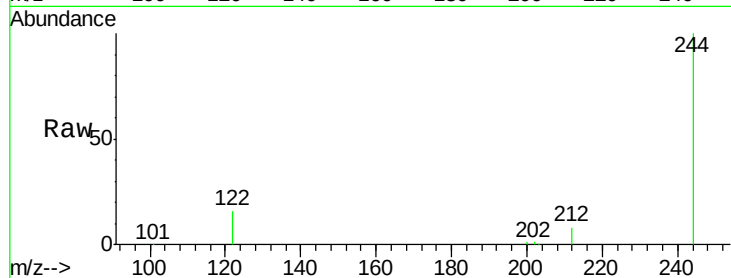




#27
 Terphenyl-d14
 Concen: 0.87 ng
 RT: 19.55 min Scan# 2613
 Delta R.T. 0.00 min
 Lab File: BE090635.D
 Acq: 26 Aug 2015 11:52

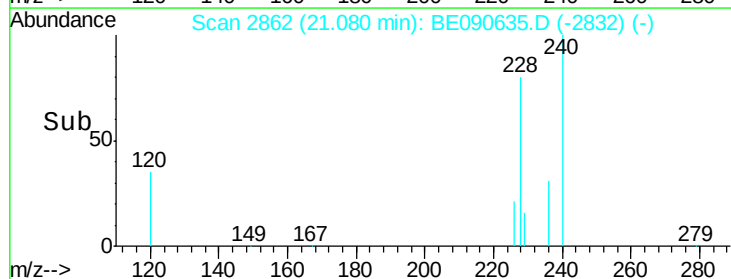
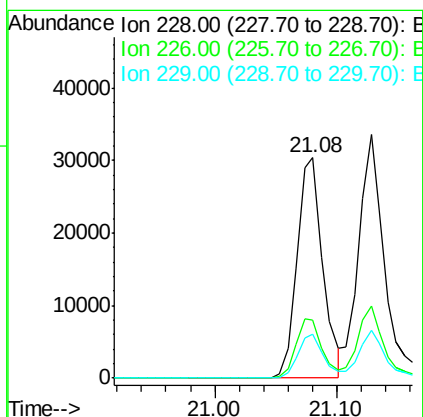
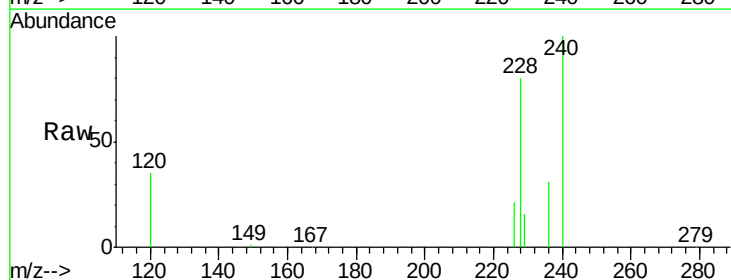
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

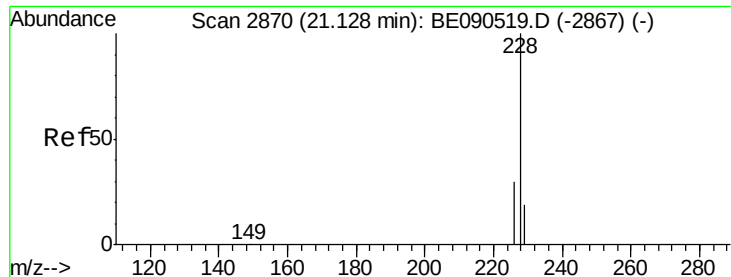
Tot Ion:244 Resp: 29078
 Ion Ratio Lower Upper
 244 100
 212 8.5 6.6 9.8
 122 16.3 10.2 15.4#



#28
 Benzo(a)anthracene
 Concen: 0.91 ng
 RT: 21.08 min Scan# 2862
 Delta R.T. 0.00 min
 Lab File: BE090635.D
 Acq: 26 Aug 2015 11:52

Tgt Ion:228 Resp: 43765
 Ion Ratio Lower Upper
 228 100
 226 26.1 21.9 32.9
 229 19.7 15.4 23.0





#29

Chrysene

Concen: 1.03 ng

RT: 21.13 min Scan# 2869

Delta R.T. 0.00 min

Lab File: BE090635.D

Acq: 26 Aug 2015 11:52

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

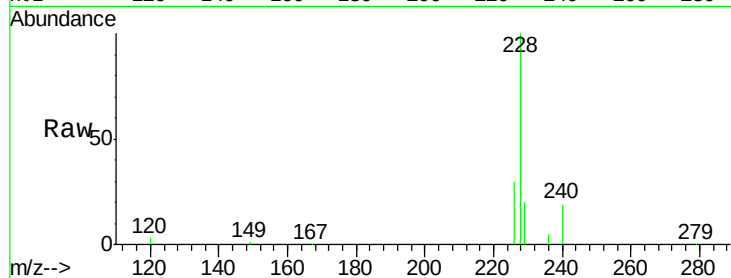
Tot Ion:228 Resp: 50379

Ion Ratio Lower Upper

228 100

226 29.8 23.1 34.7

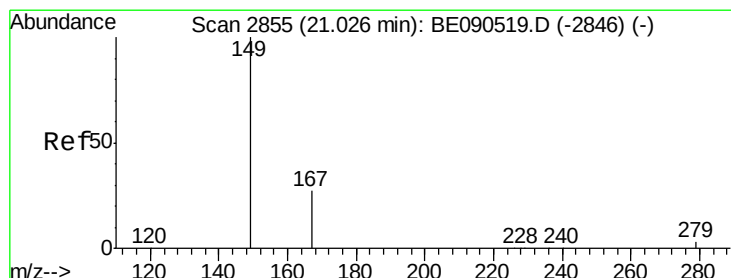
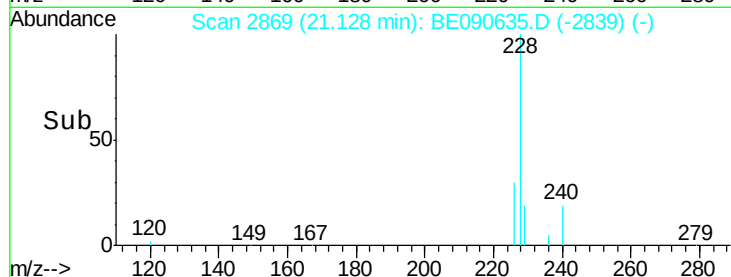
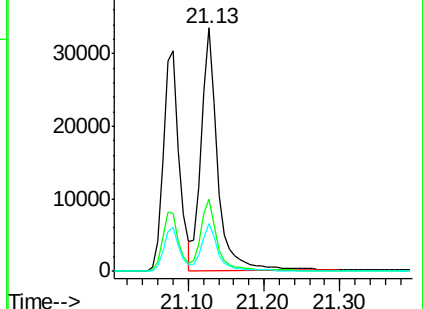
229 19.6 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#30

Bis(2-ethylhexyl)phthalate

Concen: 0.66 ng

RT: 21.02 min Scan# 2853

Delta R.T. -0.01 min

Lab File: BE090635.D

Acq: 26 Aug 2015 11:52

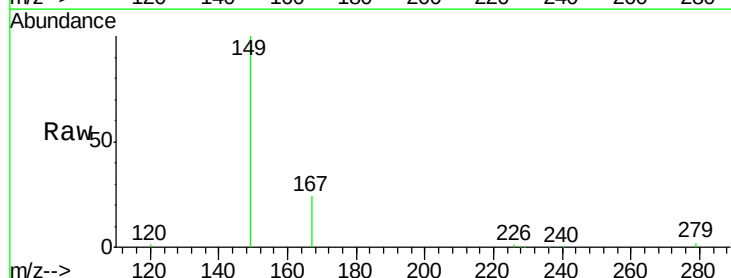
Tgt Ion:149 Resp: 15370

Ion Ratio Lower Upper

149 100

167 25.1 19.8 29.8

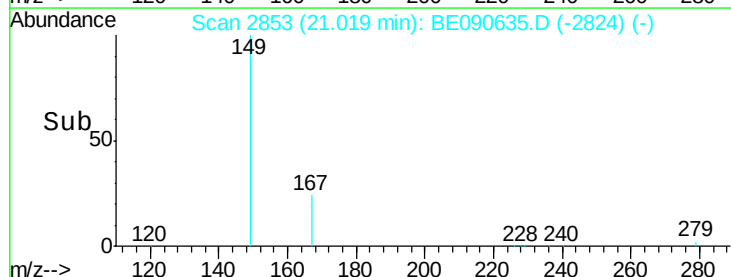
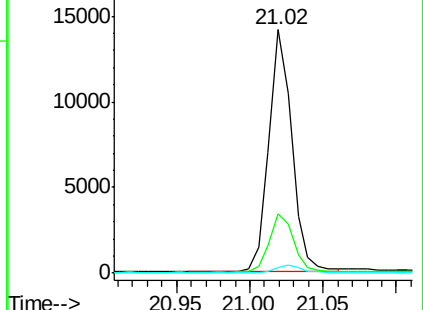
279 2.9 2.4 3.6

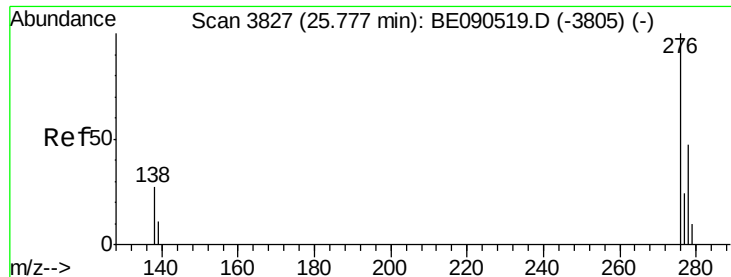


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

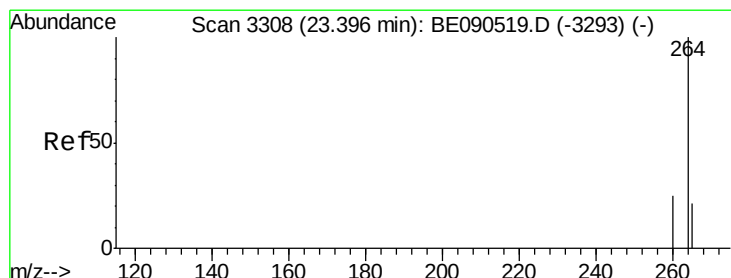
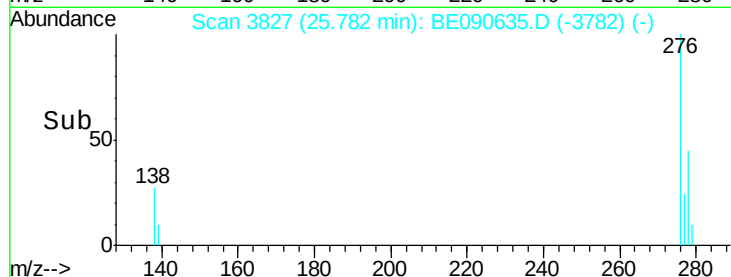
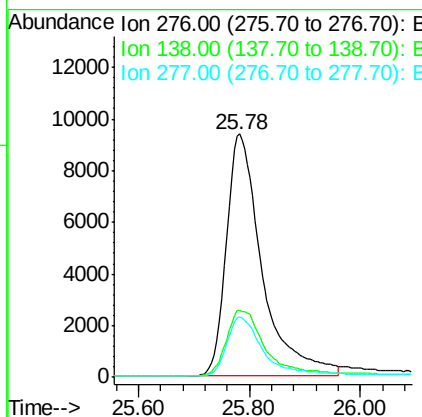
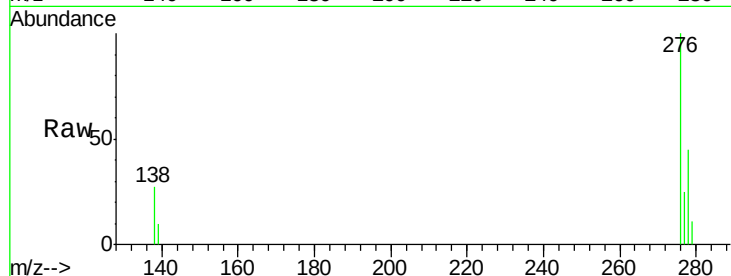




#31
 Indeno(1,2,3-cd)pyrene
 Concen: 0.91 ng
 RT: 25.78 min Scan# 3827
 Delta R.T. 0.00 min
 Lab File: BE090635.D
 Acq: 26 Aug 2015 11:52

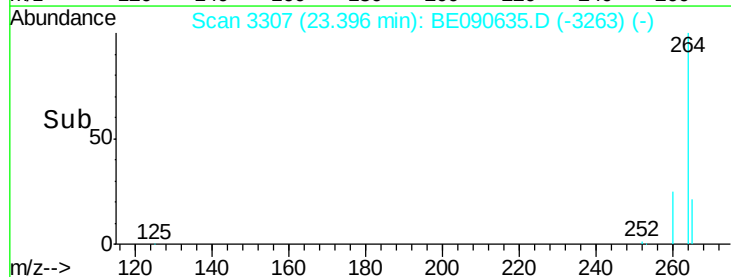
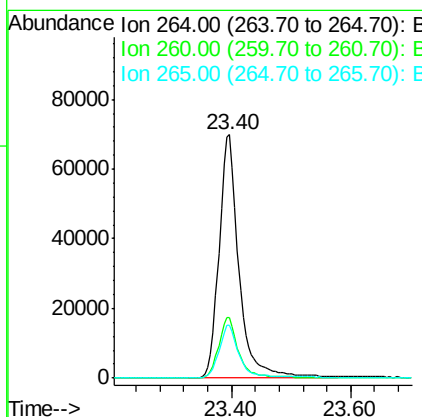
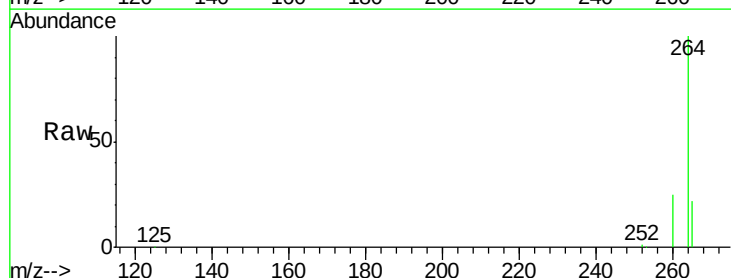
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

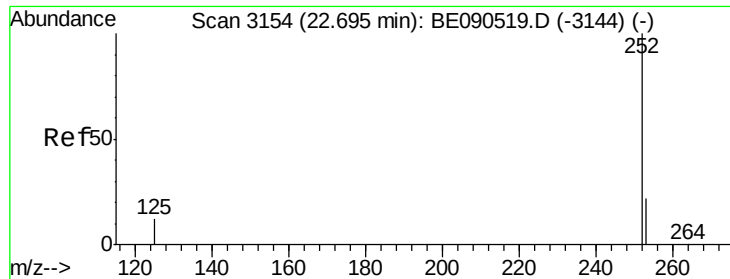
Tot Ion:276 Resp: 42035
 Ion Ratio Lower Upper
 276 100
 138 28.4 18.8 28.2#
 277 24.9 18.2 27.4



#32
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.40 min Scan# 3307
 Delta R.T. 0.00 min
 Lab File: BE090635.D
 Acq: 26 Aug 2015 11:52

Tgt Ion:264 Resp: 162889
 Ion Ratio Lower Upper
 264 100
 260 24.9 20.1 30.1
 265 21.6 17.2 25.8





#33

Benzo(b)fluoranthene

Concen: 0.99 ng

RT: 22.70 min Scan# 3153

Delta R.T. 0.00 min

Lab File: BE090635.D

Acq: 26 Aug 2015 11:52

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

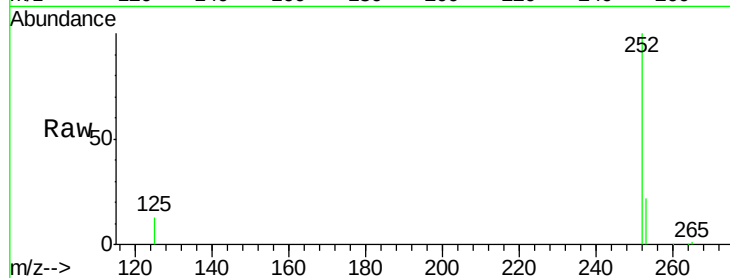
Tot Ion:252 Resp: 38216

Ion Ratio Lower Upper

252 100

253 22.4 18.1 27.1

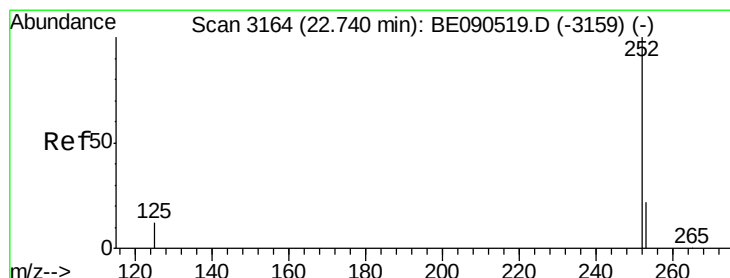
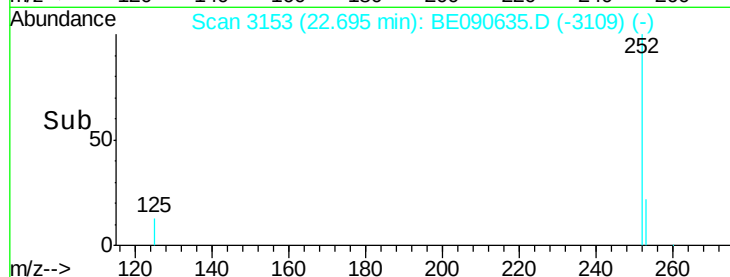
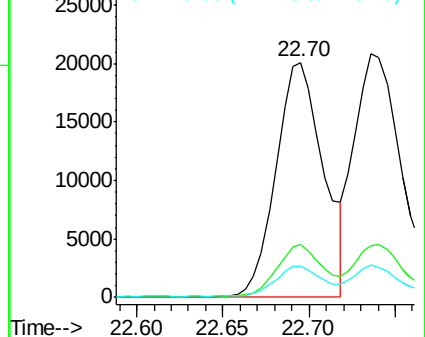
125 13.1 9.4 14.2



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: 22.74 min Scan# 3162

Delta R.T. -0.00 min

Lab File: BE090635.D

Acq: 26 Aug 2015 11:52

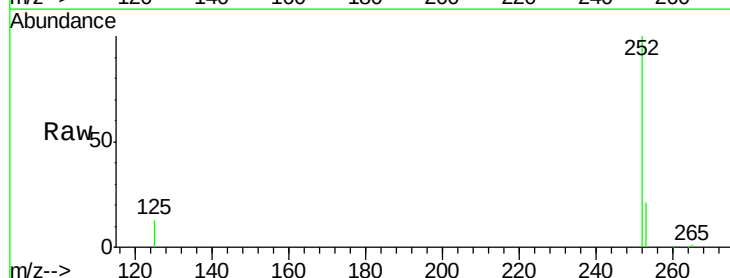
Tgt Ion:252 Resp: 44120

Ion Ratio Lower Upper

252 100

253 21.4 18.1 27.1

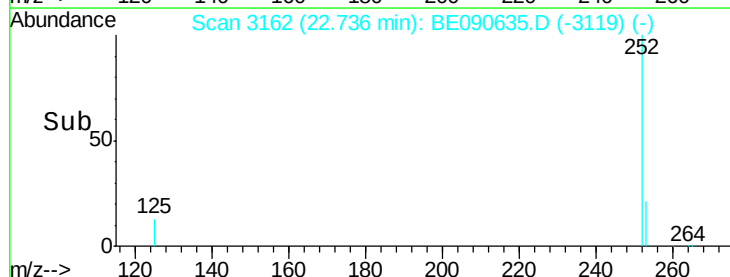
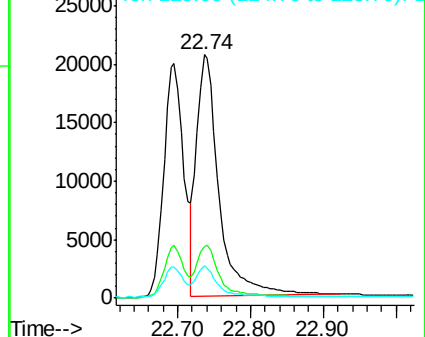
125 13.1 9.1 13.7

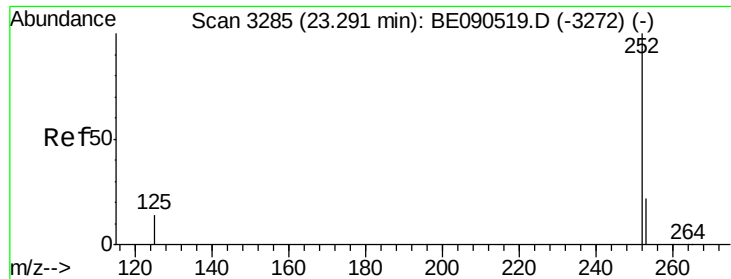


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Benzo(a)pyrene

Concen: 0.95 ng

RT: 23.29 min Scan# 3284

Delta R.T. 0.00 min

Lab File: BE090635.D

Acq: 26 Aug 2015 11:52

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

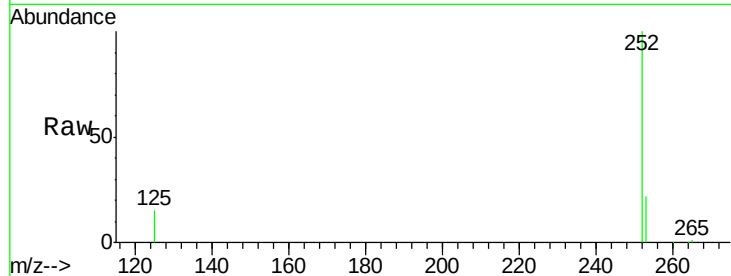
Tot Ion:252 Resp: 34147

Ion Ratio Lower Upper

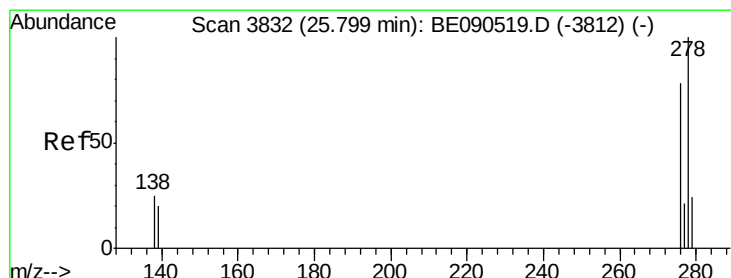
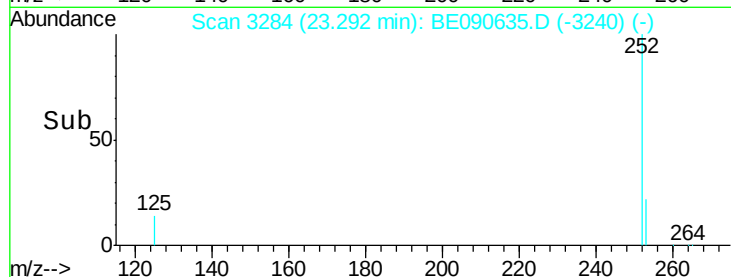
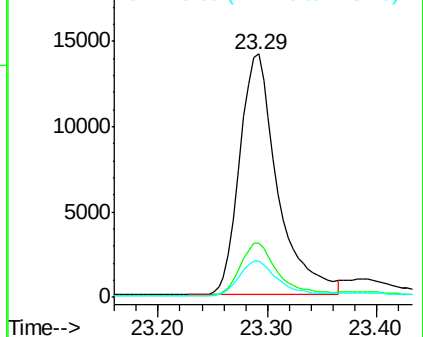
252 100

253 22.3 17.6 26.4

125 14.6 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: 0.91 ng

RT: 25.80 min Scan# 3832

Delta R.T. 0.00 min

Lab File: BE090635.D

Acq: 26 Aug 2015 11:52

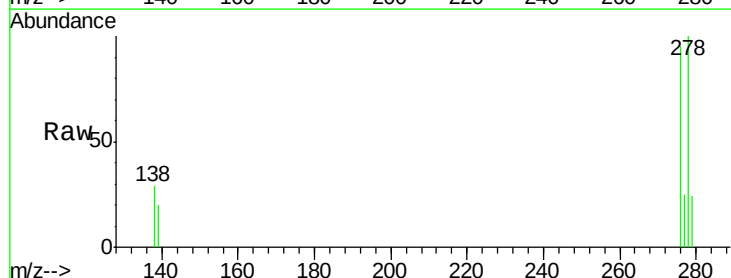
Tgt Ion:278 Resp: 31840

Ion Ratio Lower Upper

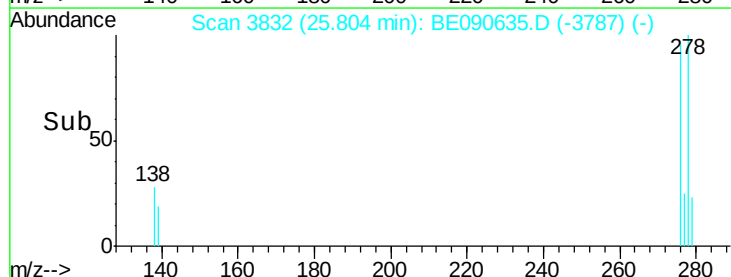
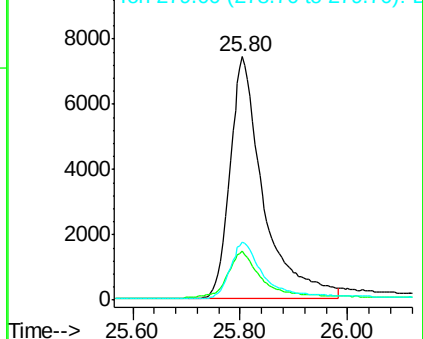
278 100

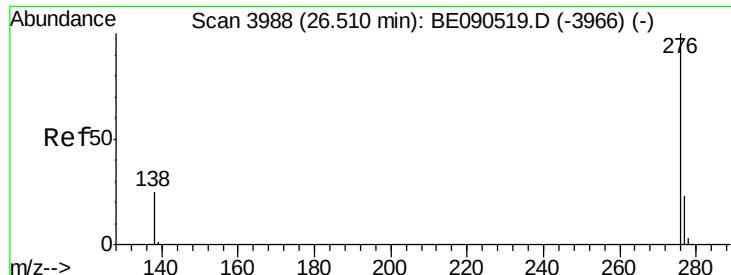
139 20.0 14.2 21.4

279 23.9 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: 0.93 ng

RT: 26.51 min Scan# 3987

Delta R.T. 0.00 min

Lab File: BE090635.D

Acq: 26 Aug 2015 11:52

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

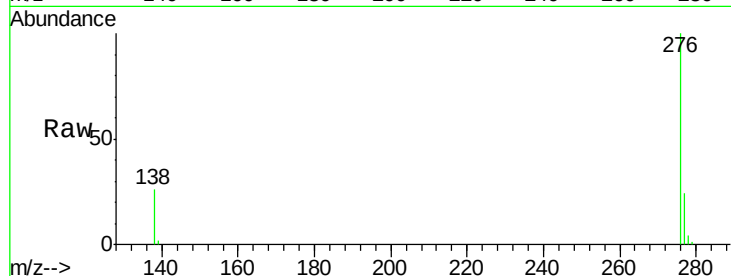
Tot Ion: 276 Resp: 35305

Ion Ratio Lower Upper

276 100

277 23.7 20.1 30.1

138 26.3 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

