

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081015\
 Data File : BE090427.D
 Acq On : 11 Aug 2015 7:04
 Operator : TP/UM
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001EC

Quant Time: Aug 11 07:37:47 2015
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE080515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 06 12:28:08 2015
 Response via : Initial Calibration

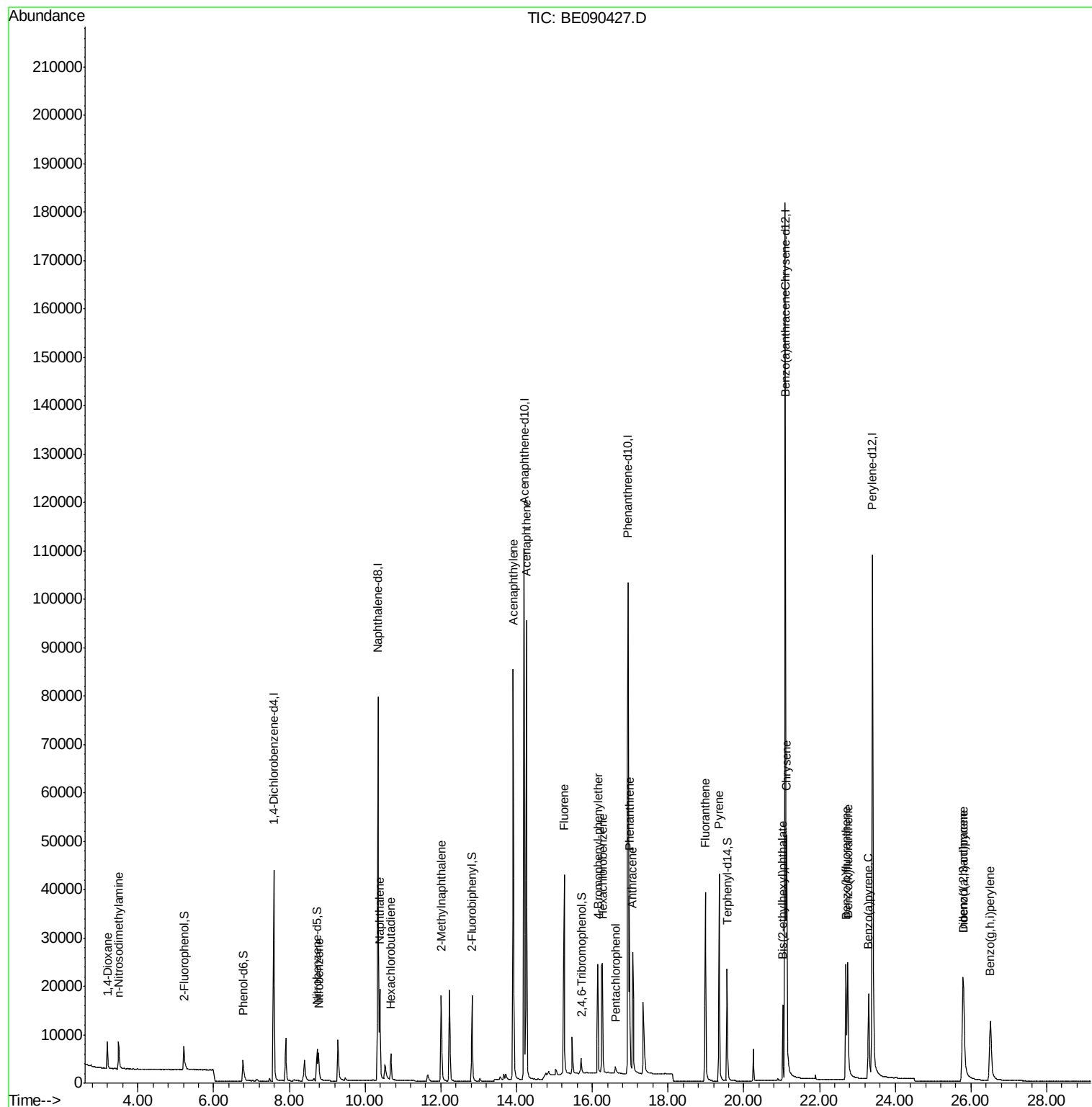
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	23653	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	110814	5.00	ng	0.00
12) Acenaphthene-d10	14.20	164	66720	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	151391	5.00	ng	0.00
25) Chrysene-d12	21.09	240	170541	5.00	ng	0.00
32) Perylene-d12	23.40	264	156509	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	5385	1.52	ng	0.00
5) Phenol-d6	6.77	99	7895	1.24	ng	0.00
7) Nitrobenzene-d5	8.73	82	7903	1.04	ng	0.00
13) 2,4,6-Tribromophenol	15.71	330	1988	1.64	ng	0.00
14) 2-Fluorobiphenyl	12.82	172	19369	1.06	ng	0.00
27) Terphenyl-d14	19.56	244	29480	1.17	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.20	88	3310	1.08	ng	95
3) n-Nitrosodimethylamine	3.49	42	3909	1.07	ng	# 80
8) Nitrobenzene	8.77	77	8142	1.02	ng	99
9) Naphthalene	10.38	128	25133	1.03	ng	98
10) Hexachlorobutadiene	10.68	225	4193	1.07	ng	99
11) 2-Methylnaphthalene	12.01	142	16030	1.13	ng	97
15) Acenaphthylene	13.91	152	116892	1.08	ng	100
16) Acenaphthene	14.26	154	17007	1.01	ng	89
17) Fluorene	15.26	166	22169	1.02	ng	98
19) 4-Bromophenyl-phenylether	16.14	248	6036	1.03	ng	88
20) Hexachlorobenzene	16.27	284	28125	0.92	ng	98
21) Pentachlorophenol	16.61	266	1225	1.19	ng	96
22) Phenanthrene	16.98	178	38646	1.02	ng	100
23) Anthracene	17.07	178	34890	1.12	ng	100
24) Fluoranthene	18.99	202	41608	1.12	ng	100
26) Pyrene	19.35	202	42820	1.16	ng	100
28) Benzo(a)anthracene	21.08	228	41424	1.10	ng	99
29) Chrysene	21.13	228	47262m	1.03	ng	
30) Bis(2-ethylhexyl)phthalate	21.03	149	13158	1.40	ng	98
31) Indeno(1,2,3-cd)pyrene	25.78	276	36502	1.09	ng	95
33) Benzo(b)fluoranthene	22.70	252	33837	1.11	ng	100
34) Benzo(k)fluoranthene	22.74	252	41188m	0.94	ng	
35) Benzo(a)pyrene	23.30	252	29756	1.08	ng	99
36) Dibenzo(a,h)anthracene	25.80	278	28076	1.09	ng	99
37) Benzo(g,h,i)perylene	26.51	276	32134	1.11	ng	98

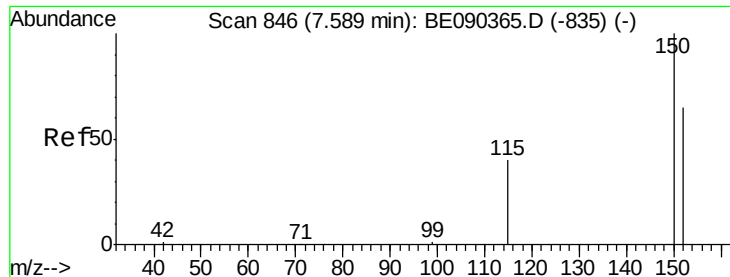
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081015\
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BNA_E
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Quant Time: Aug 11 07:37:47 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE080515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 12:28:08 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.58 min Scan# 845

Delta R.T. -0.01 min

Lab File: BE090427.D

Acq: 11 Aug 2015 7:04

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

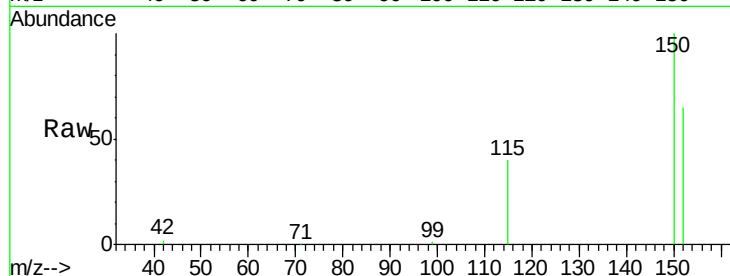
Tot Ion:152 Resp: 23653

Ion Ratio Lower Upper

152 100

150 155.0 123.0 184.4

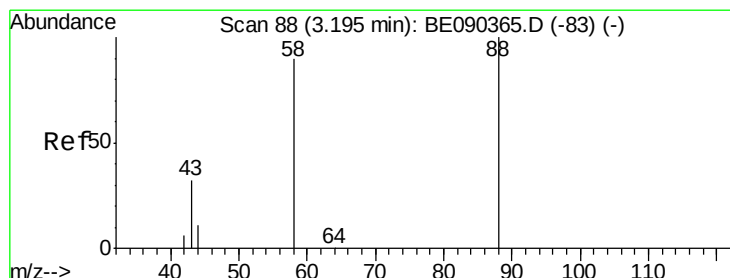
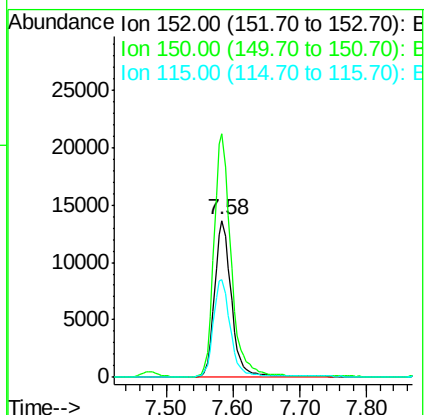
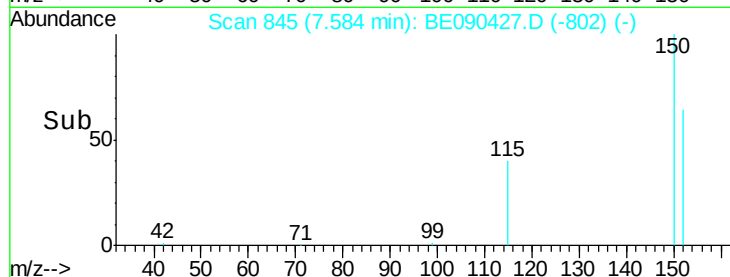
115 62.4 48.9 73.3



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: 1.08 ng

RT: 3.20 min Scan# 88

Delta R.T. 0.00 min

Lab File: BE090427.D

Acq: 11 Aug 2015 7:04

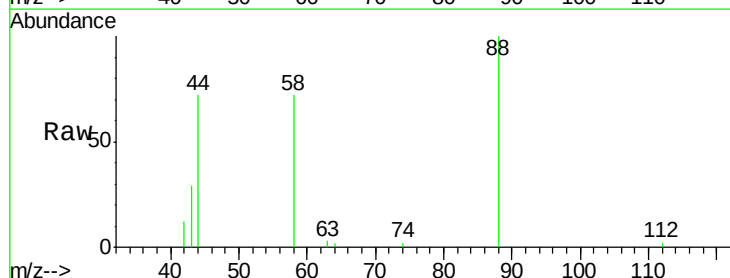
Tgt Ion: 88 Resp: 3310

Ion Ratio Lower Upper

88 100

58 83.6 70.0 105.0

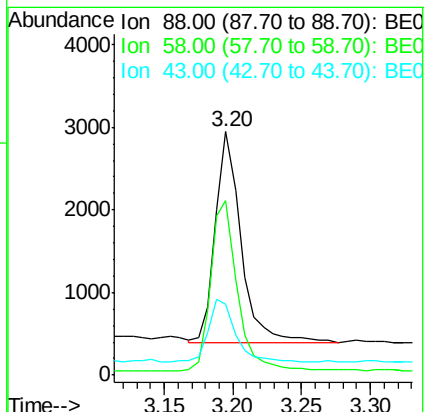
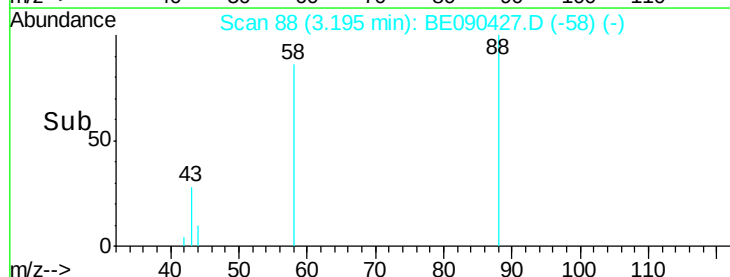
43 31.5 28.4 42.6

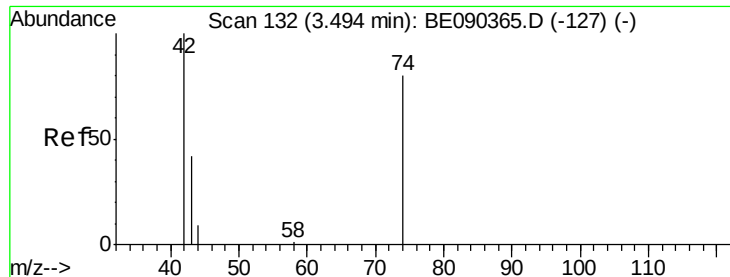


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



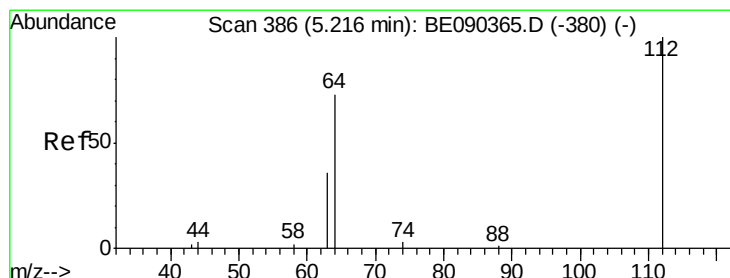
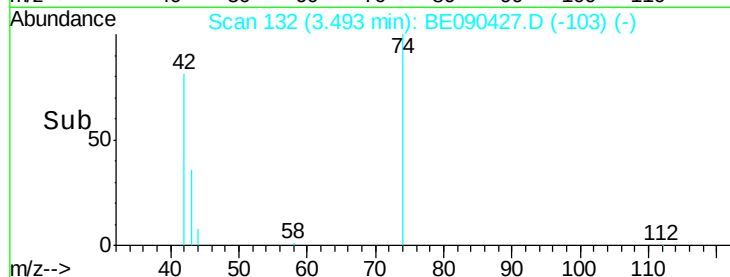
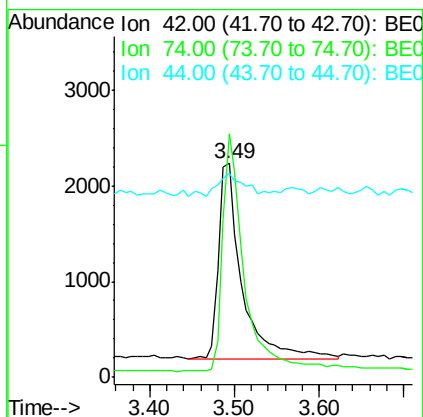
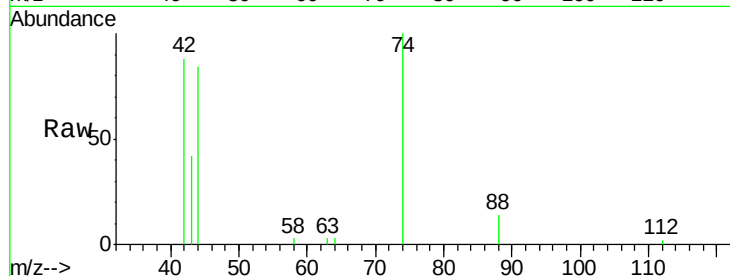


#3

n-Nitrosodimethylamine
 Concen: 1.07 ng
 RT: 3.49 min Scan# 132
 Delta R.T. -0.00 min
 Lab File: BE090427.D
 Acq: 11 Aug 2015 7:04

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001EC

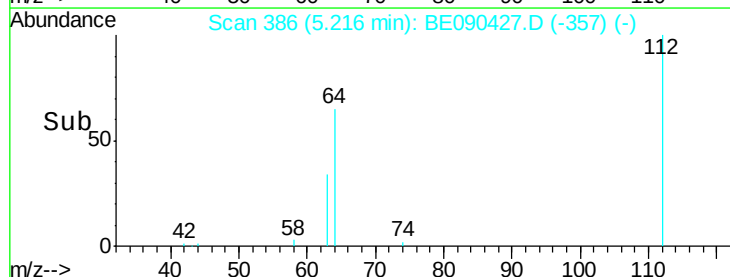
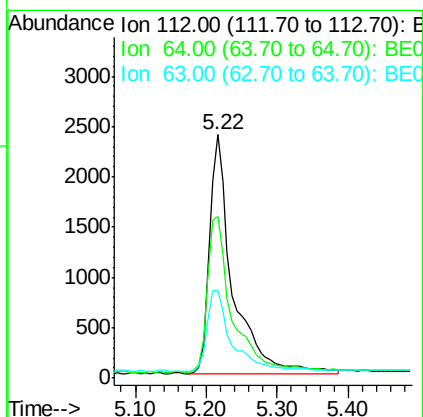
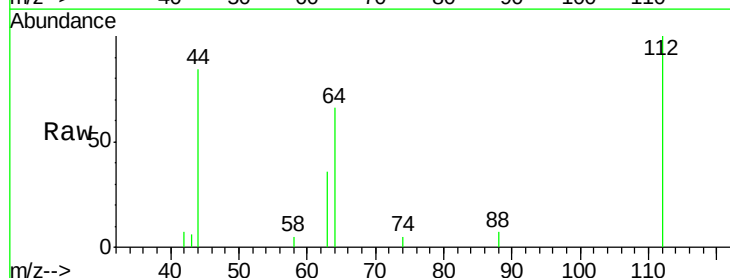
Tot Ion: 42 Resp: 3909
 Ion Ratio Lower Upper
 42 100
 74 114.2 75.2 112.8#
 44 13.8 8.7 13.1#

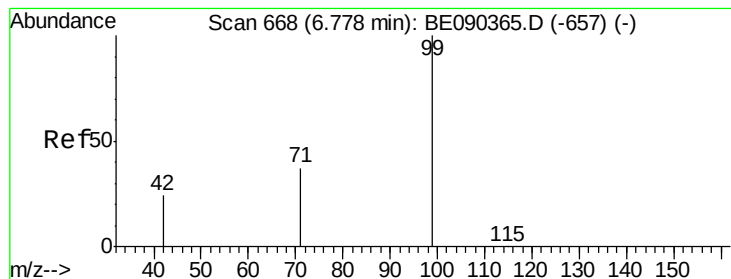


#4

2-Fluorophenol
 Concen: 1.52 ng
 RT: 5.22 min Scan# 386
 Delta R.T. -0.00 min
 Lab File: BE090427.D
 Acq: 11 Aug 2015 7:04

Tgt Ion: 112 Resp: 5385
 Ion Ratio Lower Upper
 112 100
 64 70.2 37.1 55.7#
 63 35.5 19.5 29.3#





#5

Phenol-d6

Concen: 1.24 ng

RT: 6.77 min Scan# 667

Delta R.T. -0.00 min

Lab File: BE090427.D

Acq: 11 Aug 2015 7:04

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

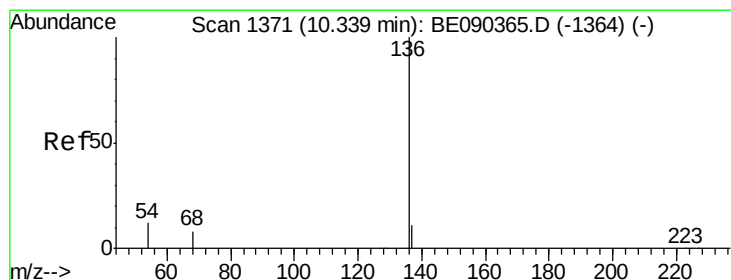
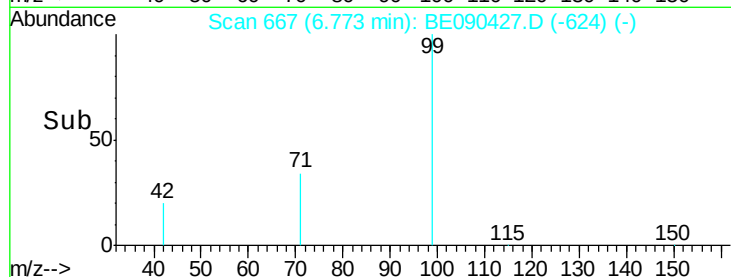
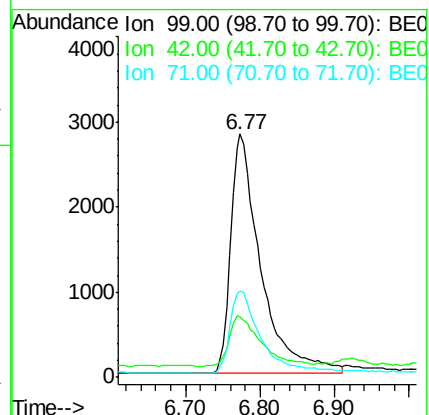
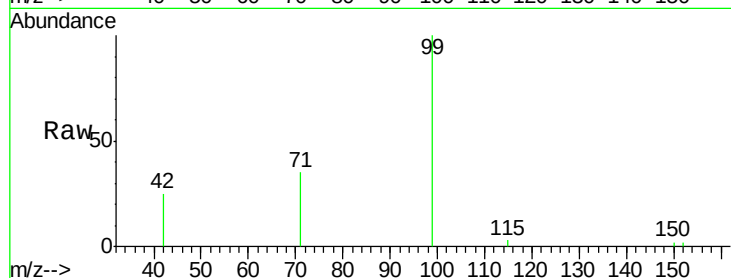
Tot Ion: 99 Resp: 7895

Ion Ratio Lower Upper

99 100

42 23.0 18.2 27.4

71 34.9 27.4 41.0



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.34 min Scan# 1371

Delta R.T. 0.00 min

Lab File: BE090427.D

Acq: 11 Aug 2015 7:04

Tgt Ion: 136 Resp: 110814

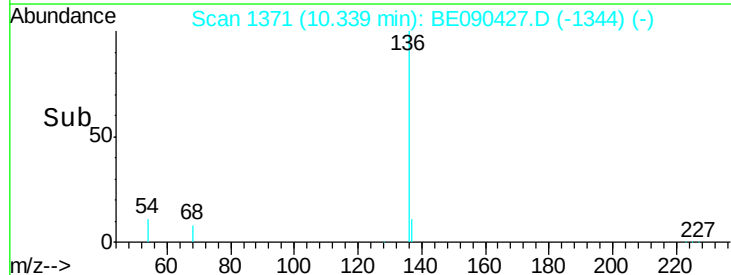
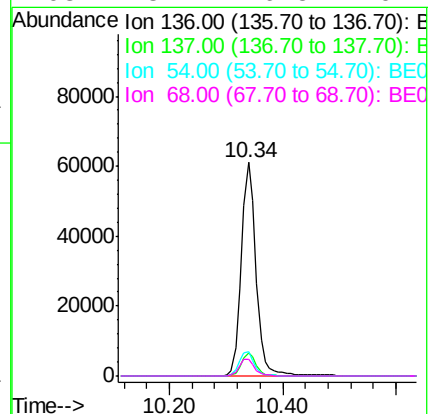
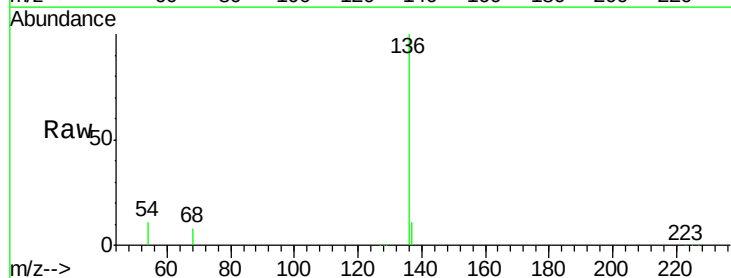
Ion Ratio Lower Upper

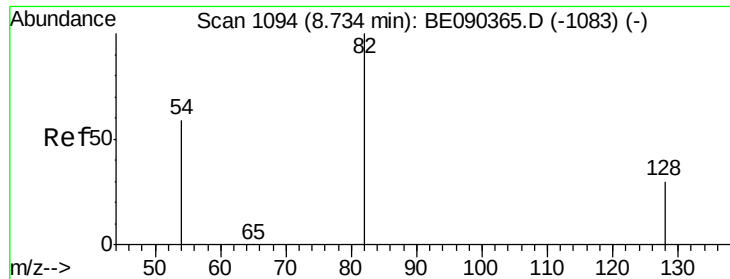
136 100

137 10.8 8.7 13.1

54 11.2 9.4 14.0

68 8.1 6.5 9.7





#7

Nitrobenzene-d5

Concen: 1.04 ng

RT: 8.73 min Scan# 1093

Delta R.T. -0.00 min

Lab File: BE090427.D

Acq: 11 Aug 2015 7:04

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

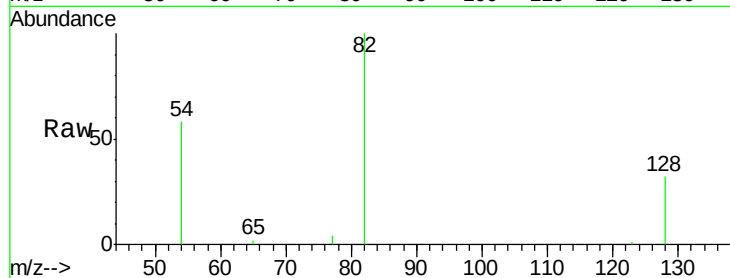
Tot Ion: 82 Resp: 7903

Ion Ratio Lower Upper

82 100

128 31.9 25.0 37.6

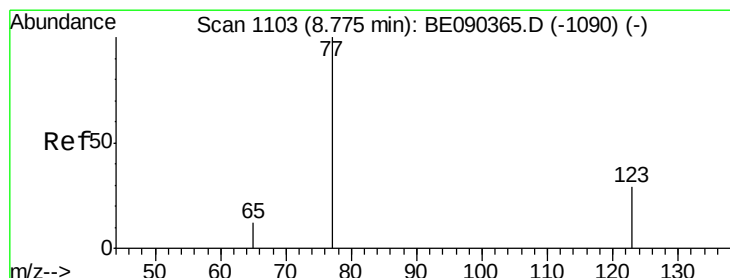
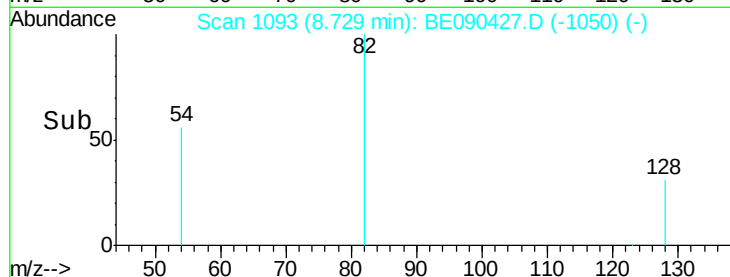
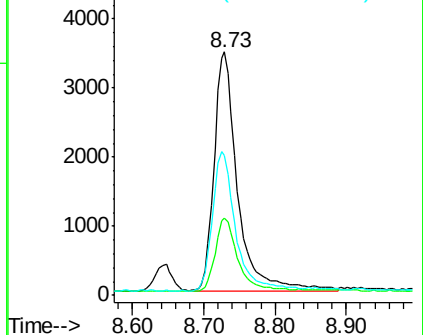
54 57.5 48.8 73.2



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: 8.77 min Scan# 1102

Delta R.T. -0.00 min

Lab File: BE090427.D

Acq: 11 Aug 2015 7:04

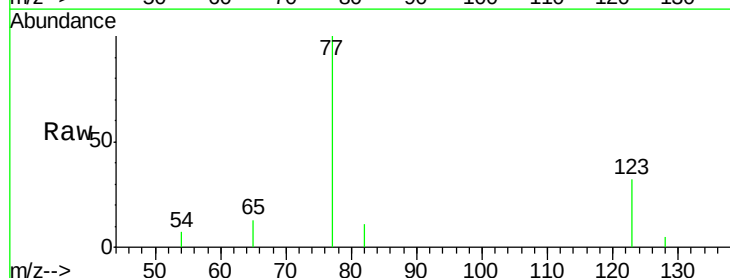
Tgt Ion: 77 Resp: 8142

Ion Ratio Lower Upper

77 100

123 31.3 25.1 37.7

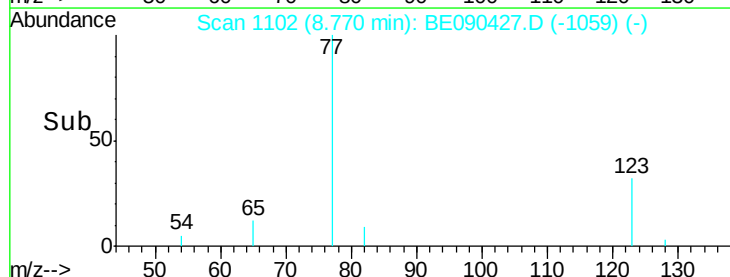
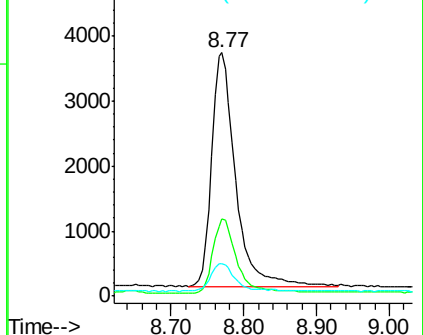
65 12.1 9.3 13.9

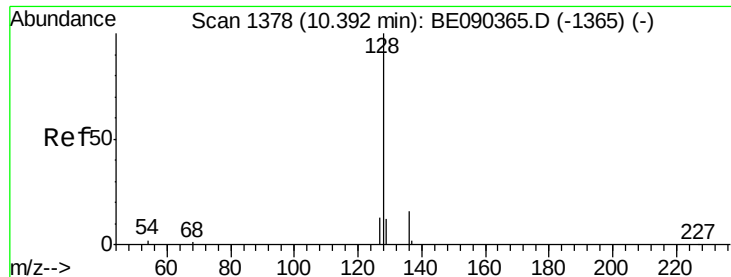


Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0





#9

Naphthalene

Concen: 1.03 ng

RT: 10.38 min Scan# 1377

Delta R.T. -0.01 min

Lab File: BE090427.D

Acq: 11 Aug 2015 7:04

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

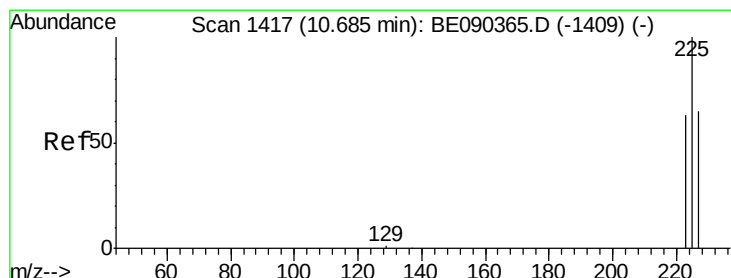
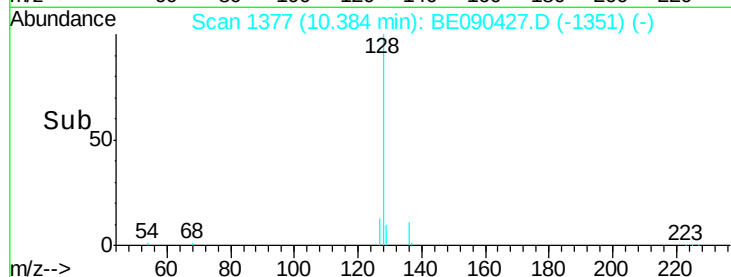
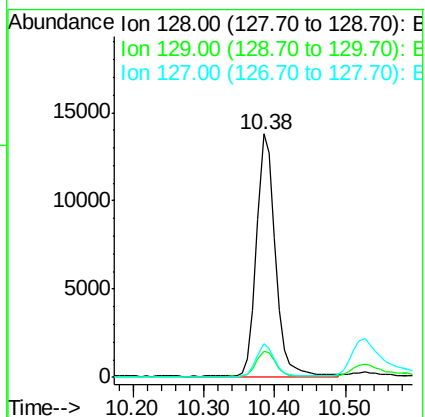
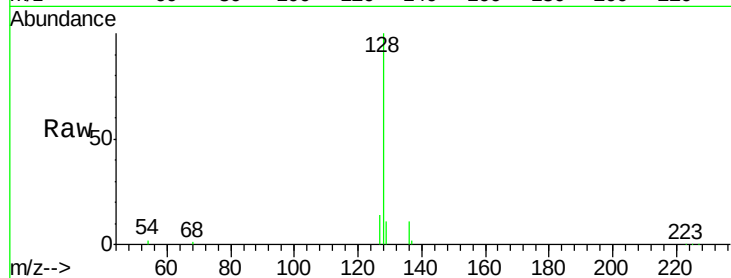
Tot Ion:128 Resp: 25133

Ion Ratio Lower Upper

128 100

129 10.8 9.8 14.6

127 13.6 10.6 16.0



#10

Hexachlorobutadiene

Concen: 1.07 ng

RT: 10.68 min Scan# 1416

Delta R.T. -0.01 min

Lab File: BE090427.D

Acq: 11 Aug 2015 7:04

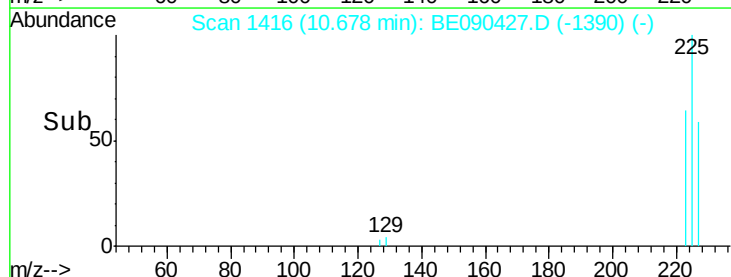
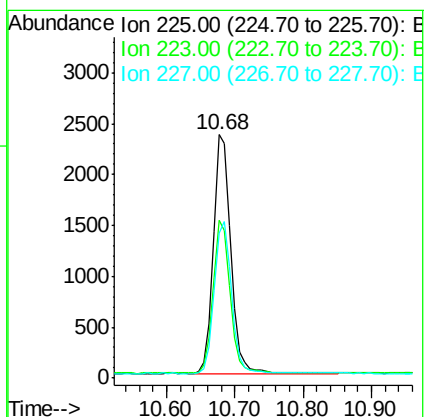
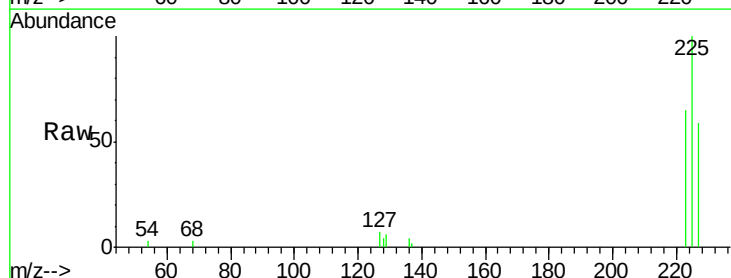
Tgt Ion:225 Resp: 4193

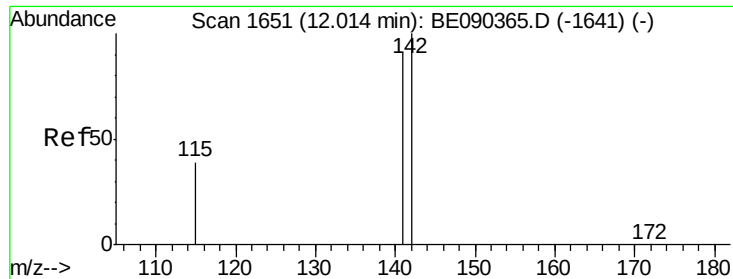
Ion Ratio Lower Upper

225 100

223 62.6 50.6 75.8

227 63.0 50.7 76.1





#11

2-Methylnaphthalene

Concen: 1.13 ng

RT: 12.01 min Scan# 1650

Delta R.T. -0.00 min

Lab File: BE090427.D

Acq: 11 Aug 2015 7:04

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

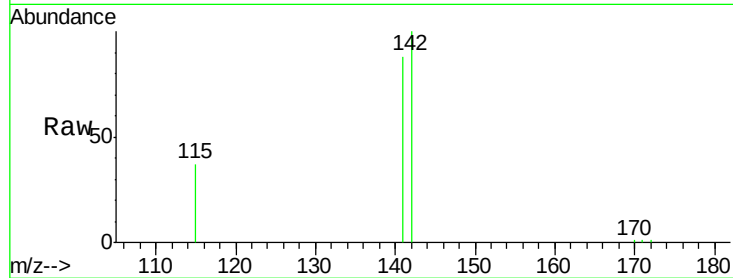
Tot Ion:142 Resp: 16030

Ion Ratio Lower Upper

142 100

141 87.9 72.6 109.0

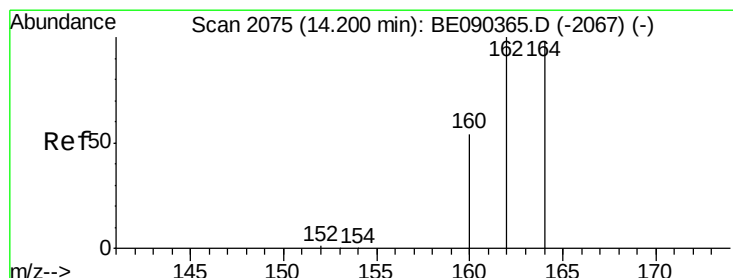
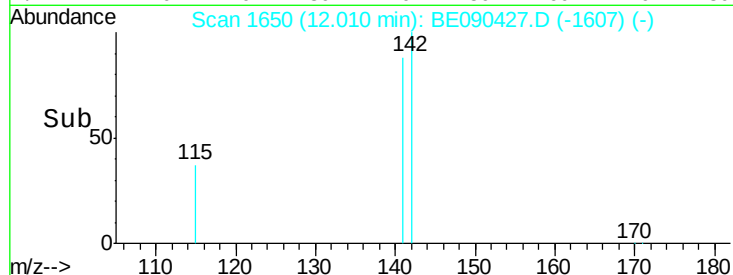
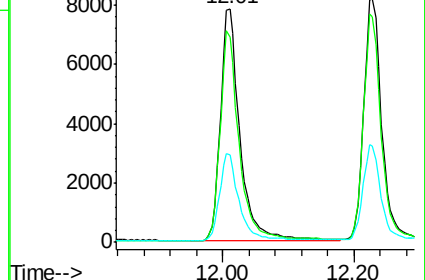
115 37.2 31.6 47.4



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: 14.20 min Scan# 2075

Delta R.T. -0.00 min

Lab File: BE090427.D

Acq: 11 Aug 2015 7:04

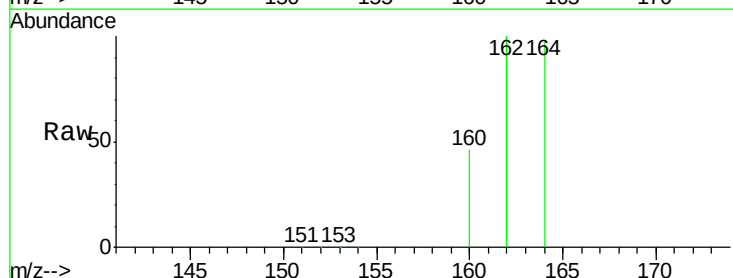
Tgt Ion:164 Resp: 66720

Ion Ratio Lower Upper

164 100

162 102.2 81.8 122.8

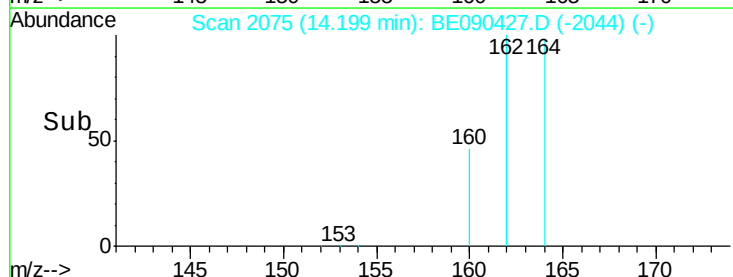
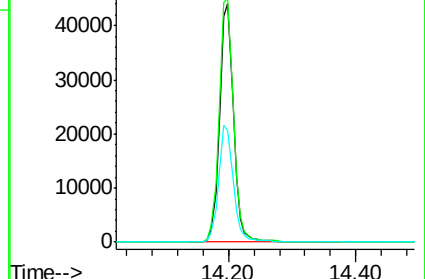
160 46.8 44.2 66.4

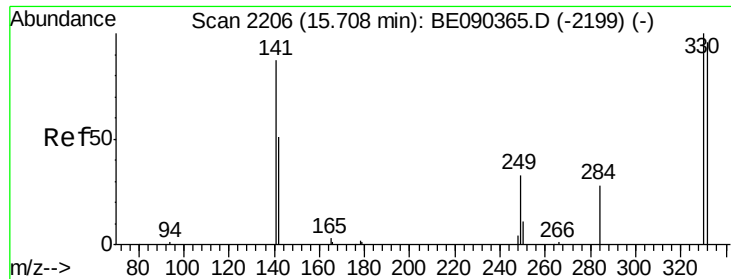


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

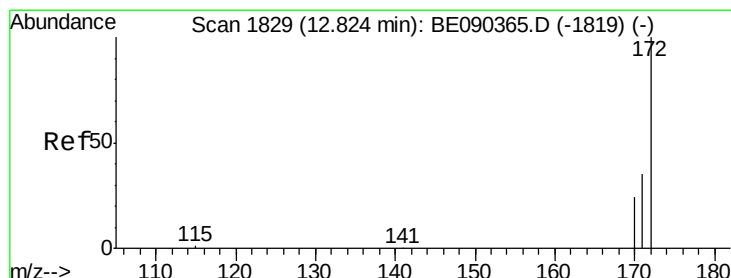
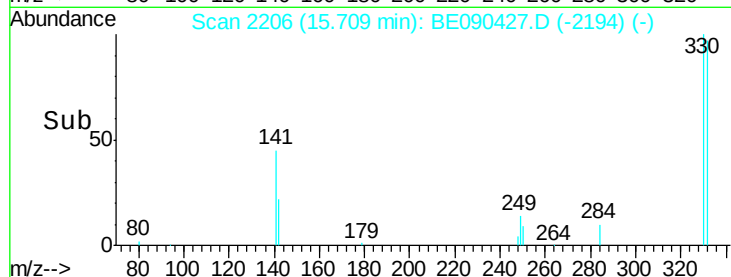
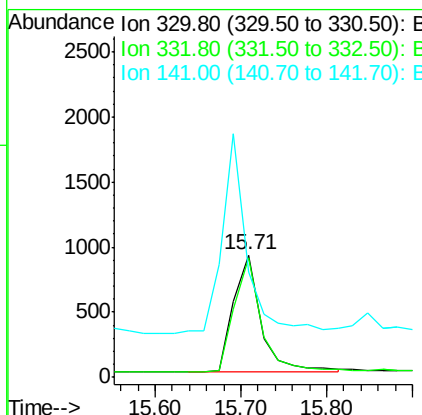
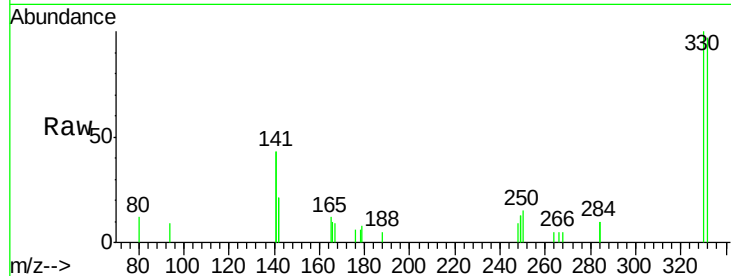




#13
 2,4,6-Tribromophenol
 Concen: 1.64 ng
 RT: 15.71 min Scan# 2206
 Delta R.T. 0.00 min
 Lab File: BE090427.D
 Acq: 11 Aug 2015 7:04

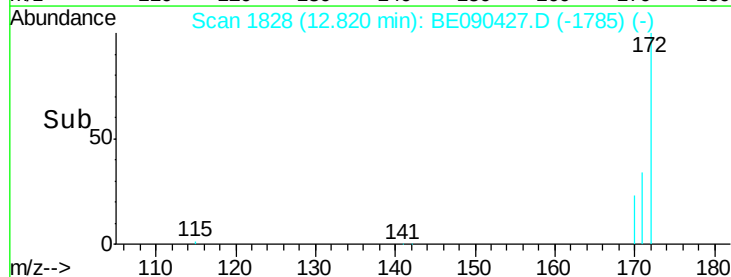
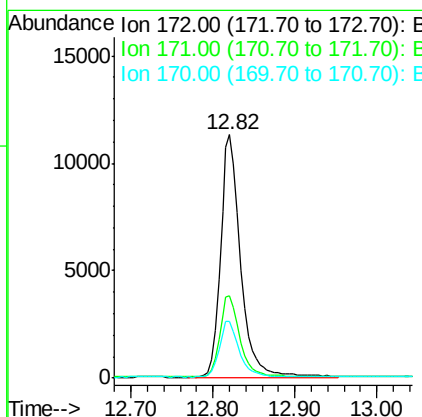
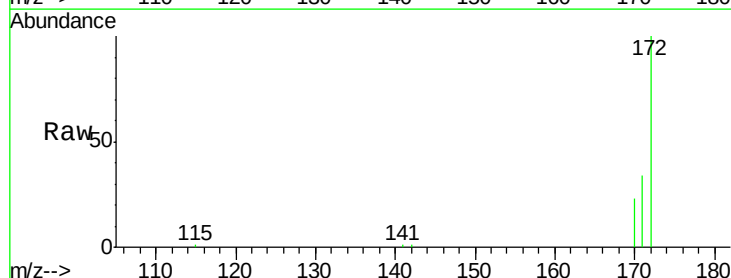
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001EC

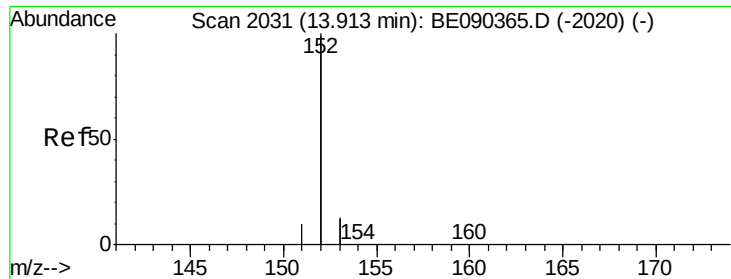
Tot Ion:330 Resp: 1988
 Ion Ratio Lower Upper
 330 100
 332 96.0 75.8 113.6
 141 155.3 114.4 171.6



#14
 2-Fluorobiphenyl
 Concen: 1.06 ng
 RT: 12.82 min Scan# 1828
 Delta R.T. -0.00 min
 Lab File: BE090427.D
 Acq: 11 Aug 2015 7:04

Tgt Ion:172 Resp: 19369
 Ion Ratio Lower Upper
 172 100
 171 34.0 28.5 42.7
 170 23.3 19.8 29.8





#15

Acenaphthylene

Concen: 1.08 ng

RT: 13.91 min Scan# 2031

Delta R.T. -0.00 min

Lab File: BE090427.D

Acq: 11 Aug 2015 7:04

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

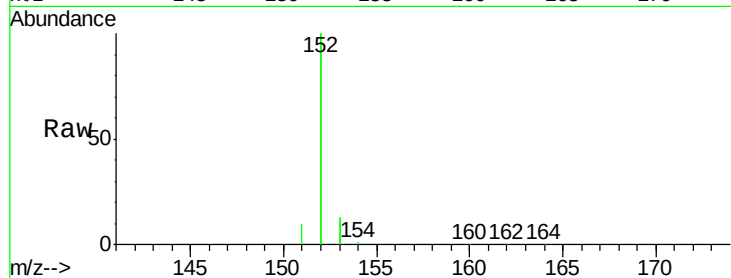
Tot Ion:152 Resp: 116892

Ion Ratio Lower Upper

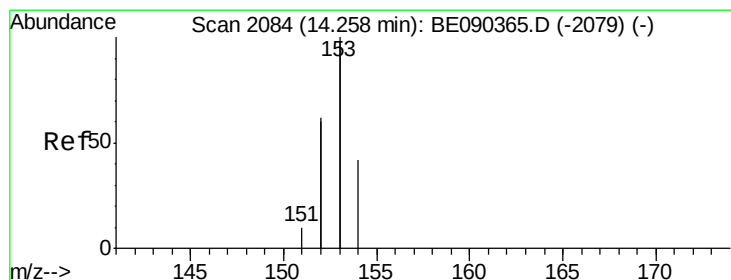
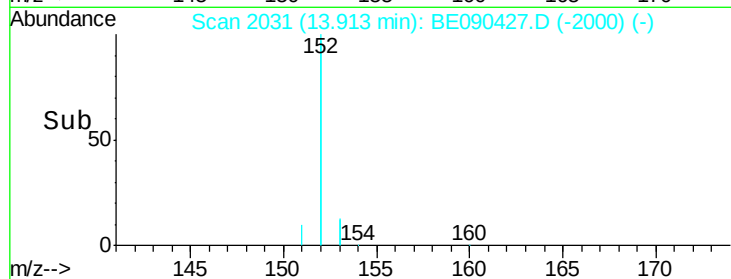
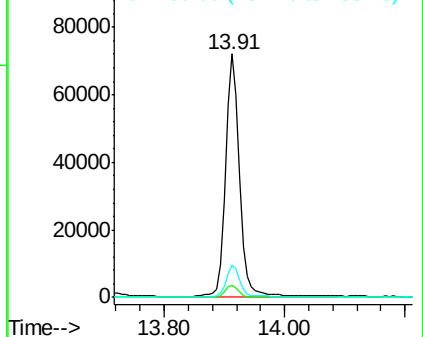
152 100

151 4.8 3.8 5.8

153 12.8 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: 1.01 ng

RT: 14.26 min Scan# 2084

Delta R.T. -0.00 min

Lab File: BE090427.D

Acq: 11 Aug 2015 7:04

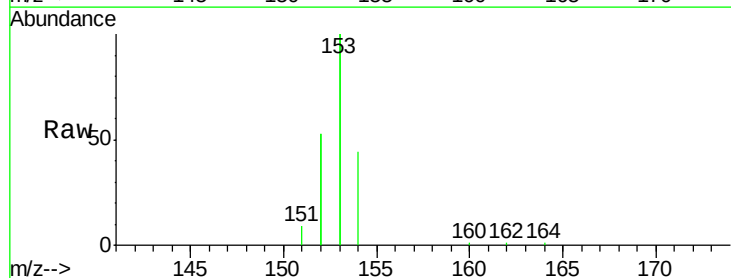
Tgt Ion:154 Resp: 17007

Ion Ratio Lower Upper

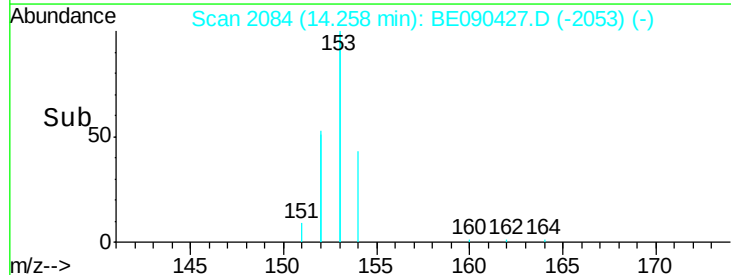
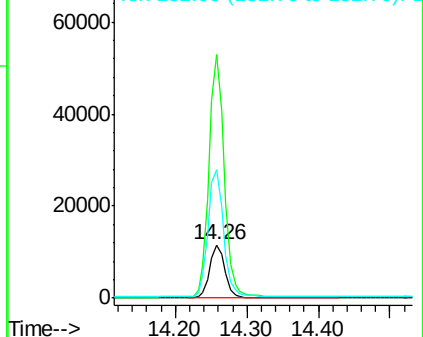
154 100

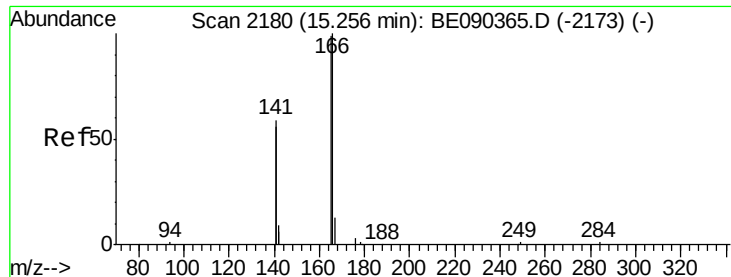
153 460.3 376.2 564.2

152 248.3 235.0 352.4



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: 1.02 ng

RT: 15.26 min Scan# 2180

Delta R.T. 0.00 min

Lab File: BE090427.D

Acq: 11 Aug 2015 7:04

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

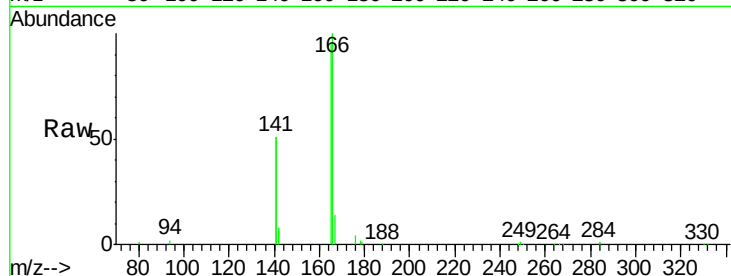
Tot Ion:166 Resp: 22169

Ion Ratio Lower Upper

166 100

165 99.2 81.5 122.3

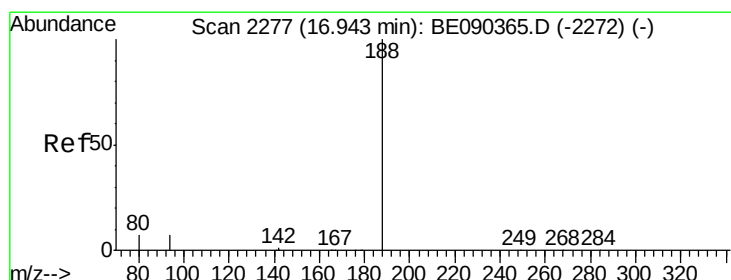
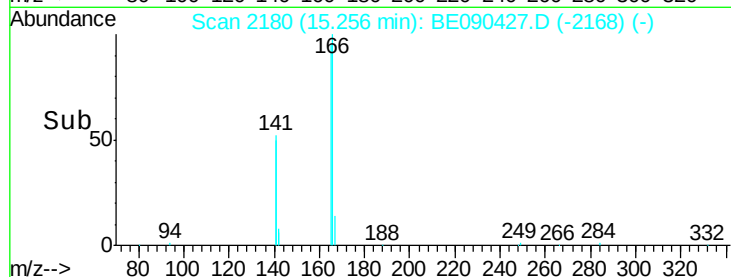
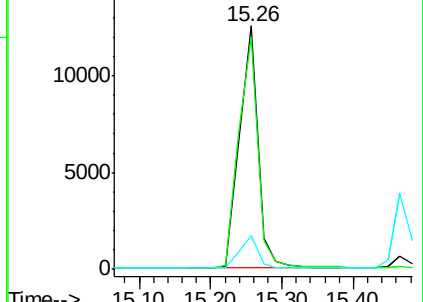
167 13.9 11.4 17.0



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: BE090427.D

Acq: 11 Aug 2015 7:04

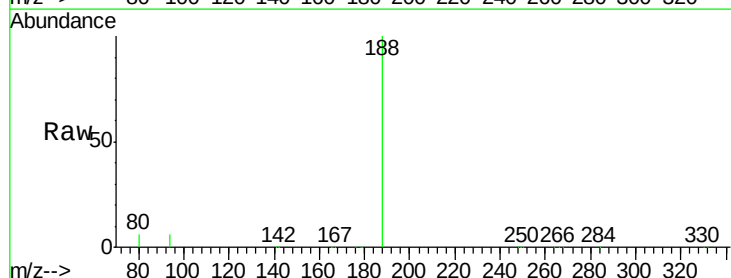
Tgt Ion:188 Resp: 151391

Ion Ratio Lower Upper

188 100

94 5.7 5.7 8.5

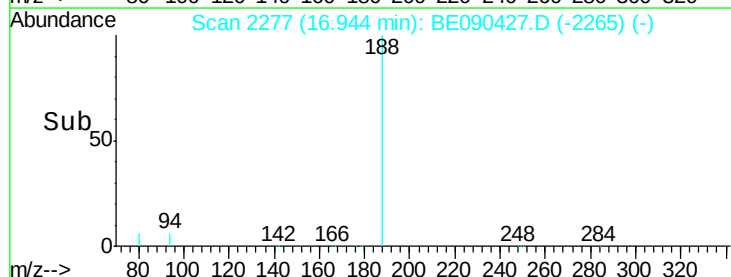
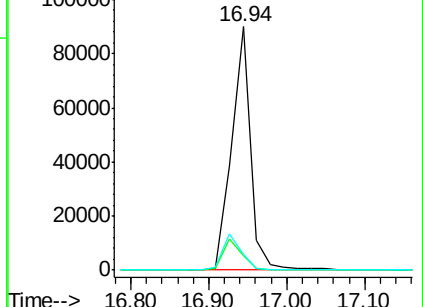
80 6.3 5.8 8.8

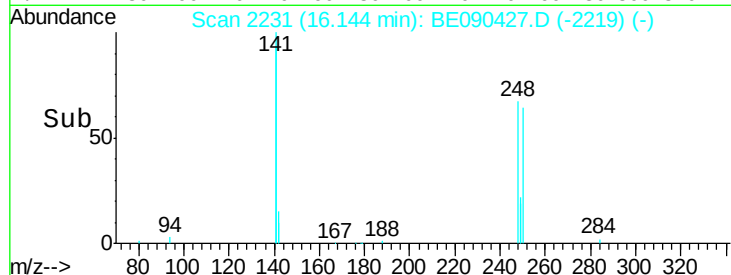
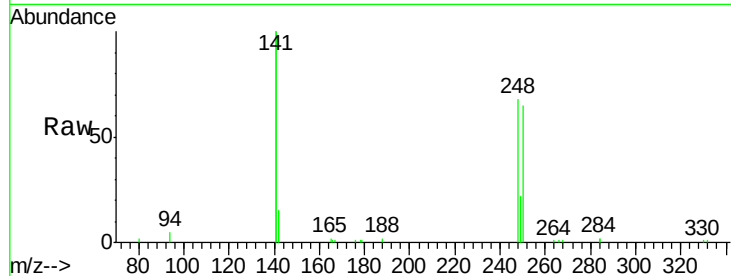
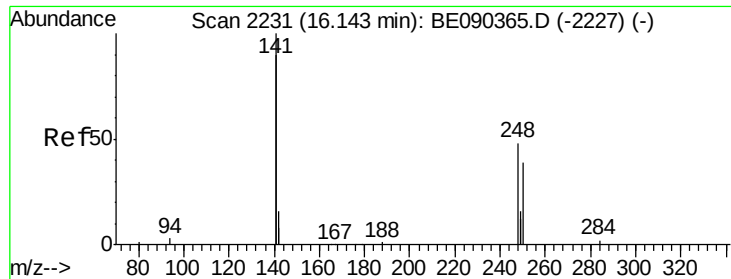


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

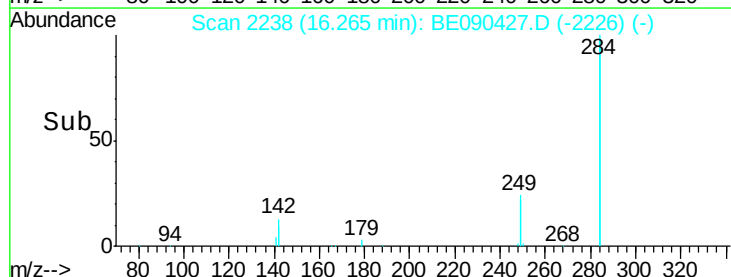
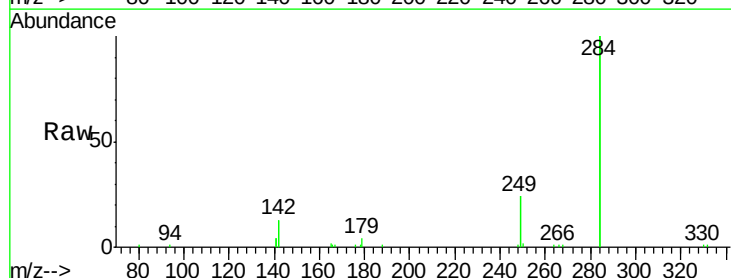
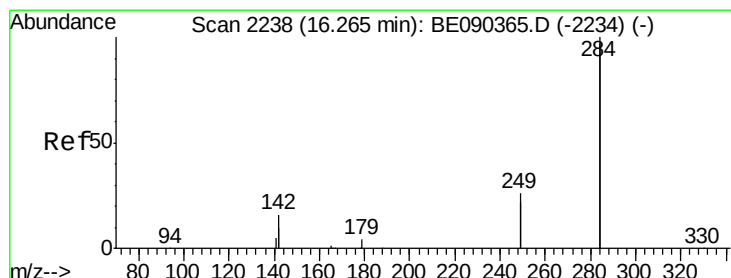
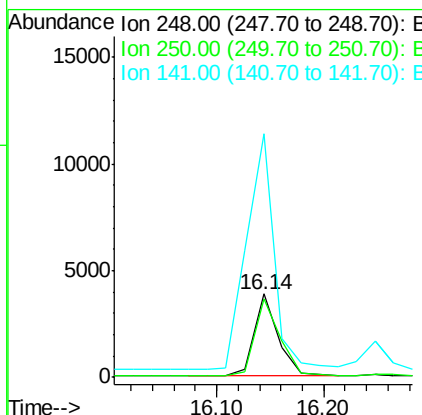




#19
4-Bromophenyl-phenylether
Concen: 1.03 ng
RT: 16.14 min Scan# 2231
Delta R.T. 0.00 min
Lab File: BE090427.D
Acq: 11 Aug 2015 7:04

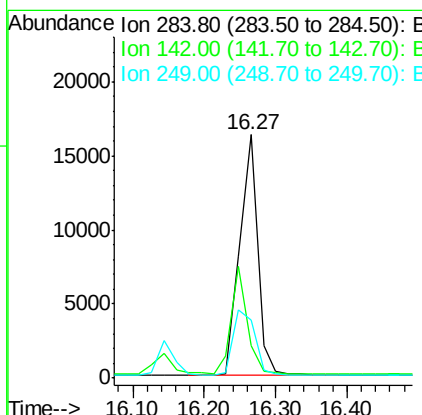
Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

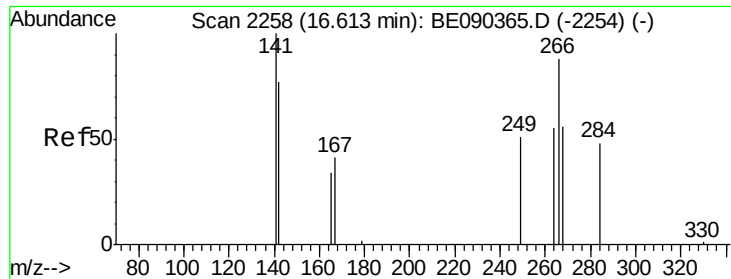
Tot Ion:248 Resp: 6036
Ion Ratio Lower Upper
248 100
250 100.8 79.0 118.6
141 328.4 239.5 359.3



#20
Hexachlorobenzene
Concen: 0.92 ng
RT: 16.27 min Scan# 2238
Delta R.T. 0.00 min
Lab File: BE090427.D
Acq: 11 Aug 2015 7:04

Tgt Ion:284 Resp: 28125
Ion Ratio Lower Upper
284 100
142 39.2 30.1 45.1
249 32.3 25.7 38.5

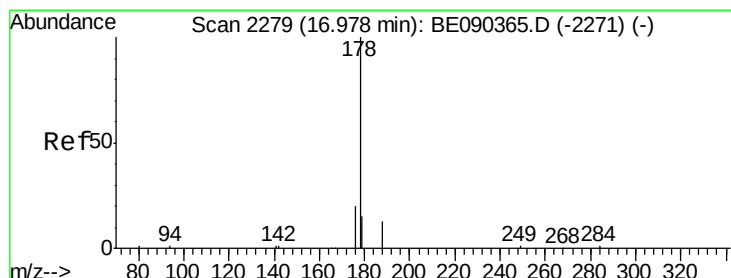
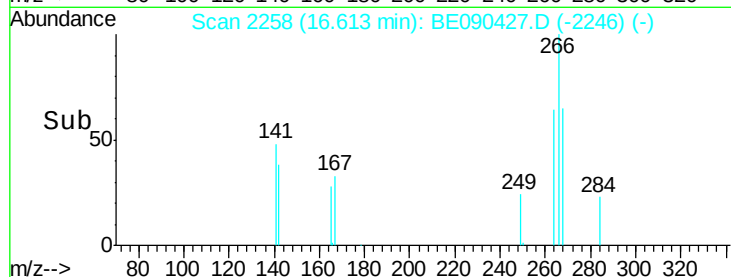
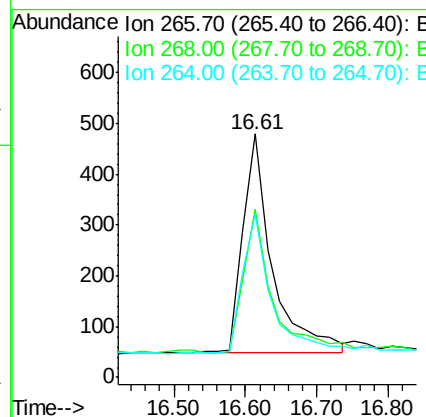
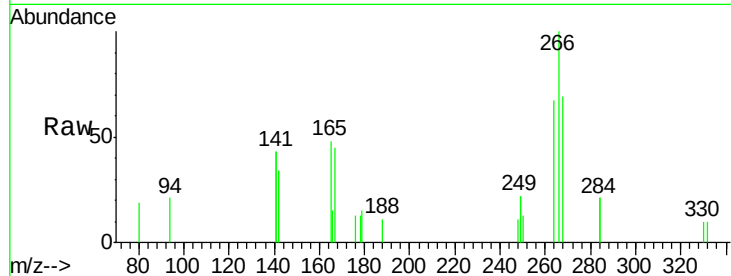




#21
 Pentachlorophenol
 Concen: 1.19 ng
 RT: 16.61 min Scan# 2258
 Delta R.T. 0.00 min
 Lab File: BE090427.D
 Acq: 11 Aug 2015 7:04

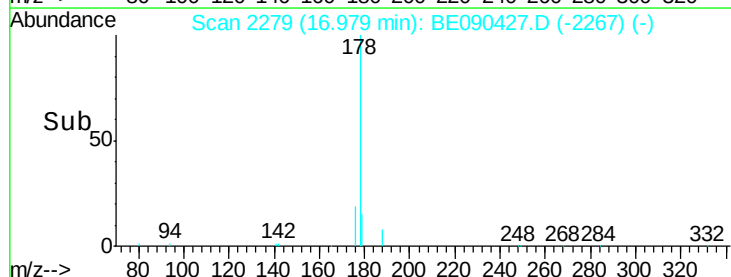
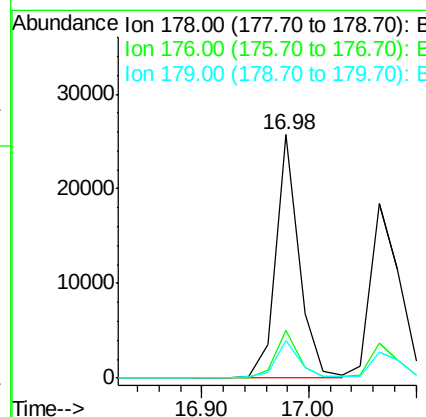
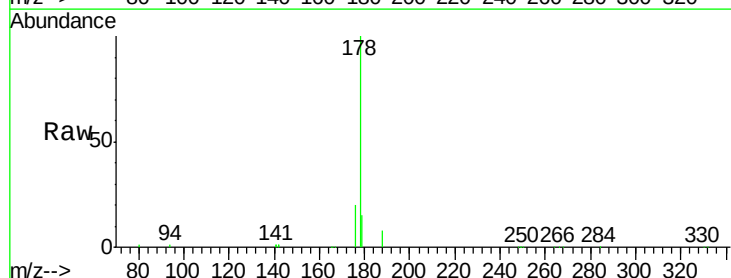
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001EC

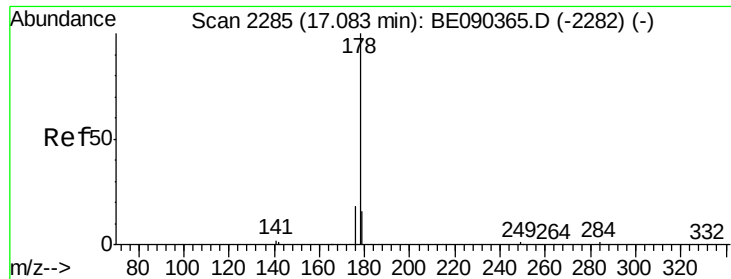
Tot Ion:266 Resp: 1225
 Ion Ratio Lower Upper
 266 100
 268 69.1 58.5 87.7
 264 67.0 56.0 84.0



#22
 Phenanthrene
 Concen: 1.02 ng
 RT: 16.98 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: BE090427.D
 Acq: 11 Aug 2015 7:04

Tgt Ion:178 Resp: 38646
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.2
 179 15.4 12.5 18.7





#23

Anthracene

Concen: 1.12 ng

RT: 17.07 min Scan# 2284

Delta R.T. -0.02 min

Lab File: BE090427.D

Acq: 11 Aug 2015 7:04

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

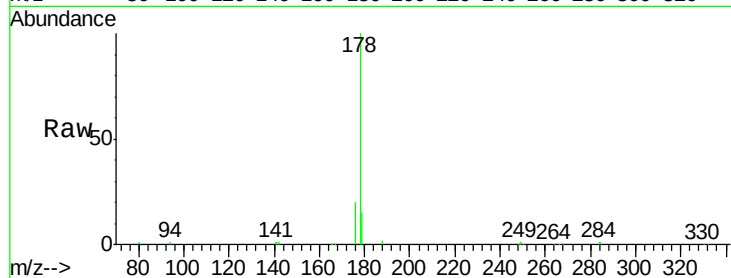
Tot Ion:178 Resp: 34890

Ion Ratio Lower Upper

178 100

176 18.5 14.9 22.3

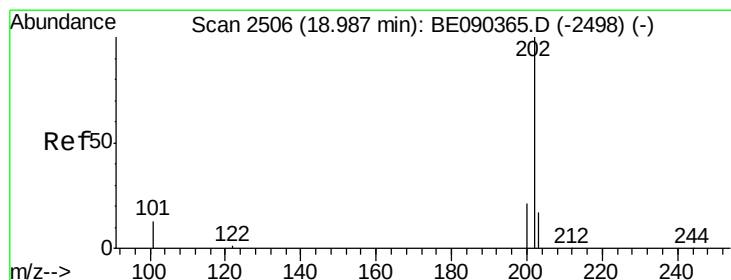
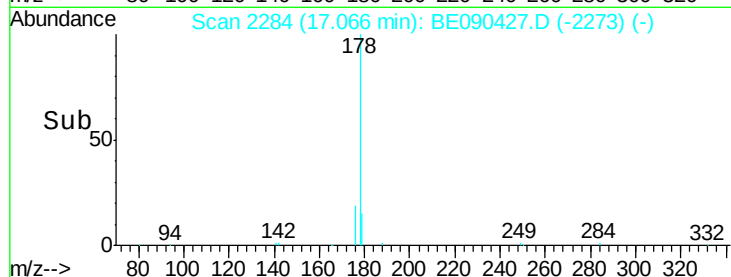
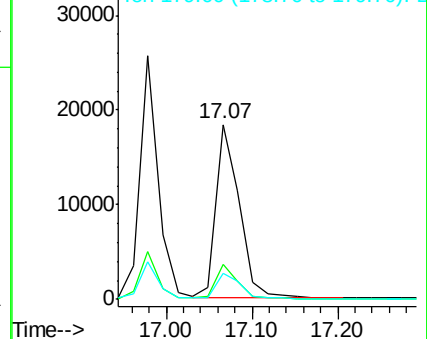
179 15.1 12.2 18.4



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: 1.12 ng

RT: 18.99 min Scan# 2506

Delta R.T. -0.00 min

Lab File: BE090427.D

Acq: 11 Aug 2015 7:04

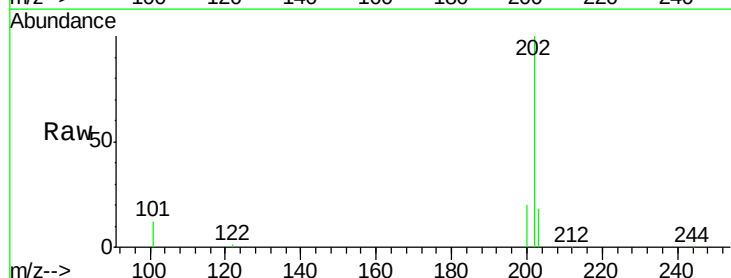
Tgt Ion:202 Resp: 41608

Ion Ratio Lower Upper

202 100

101 13.2 10.3 15.5

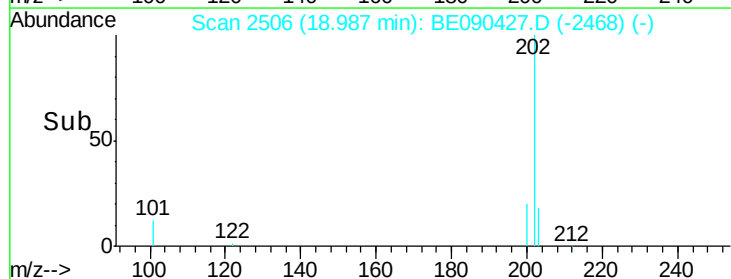
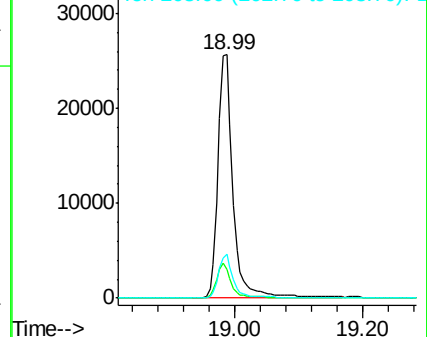
203 17.0 13.7 20.5

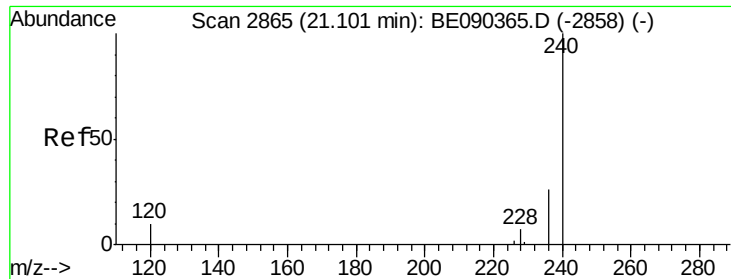


Abundance Ion 202.00 (201.70 to 202.70): E

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. -0.01 min

Lab File: BE090427.D

Acq: 11 Aug 2015 7:04

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

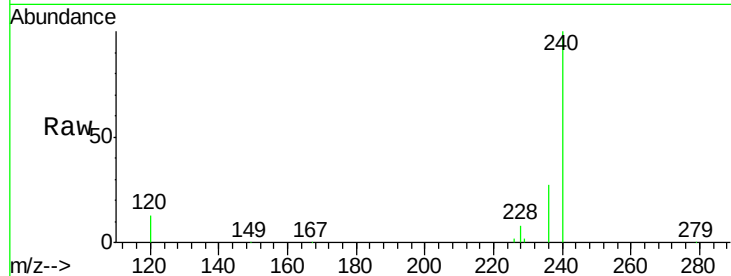
Tot Ion:240 Resp: 170541

Ion Ratio Lower Upper

240 100

120 13.0 8.3 12.5#

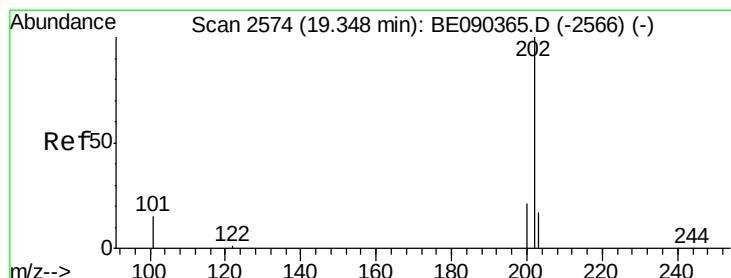
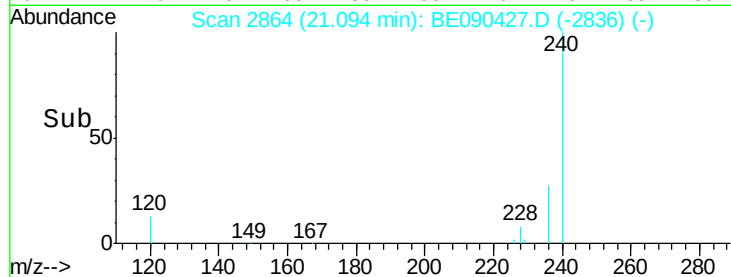
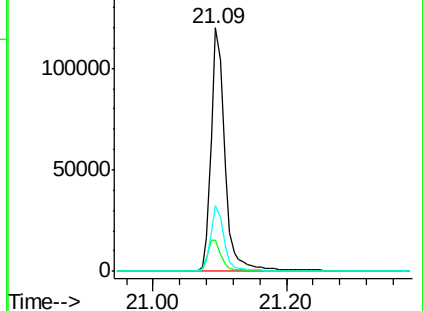
236 27.1 21.0 31.4



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



#26

Pyrene

Concen: 1.16 ng

RT: 19.35 min Scan# 2574

Delta R.T. -0.00 min

Lab File: BE090427.D

Acq: 11 Aug 2015 7:04

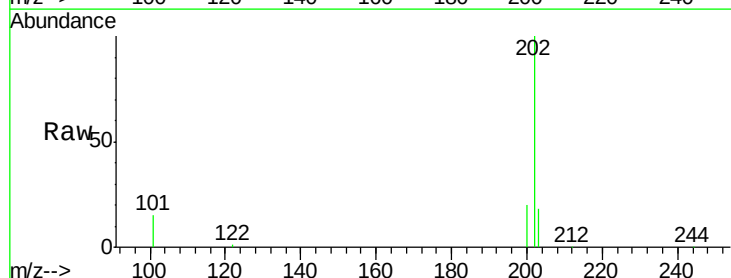
Tgt Ion:202 Resp: 42820

Ion Ratio Lower Upper

202 100

200 20.9 16.7 25.1

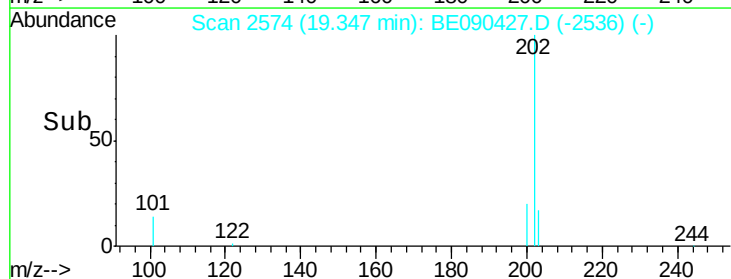
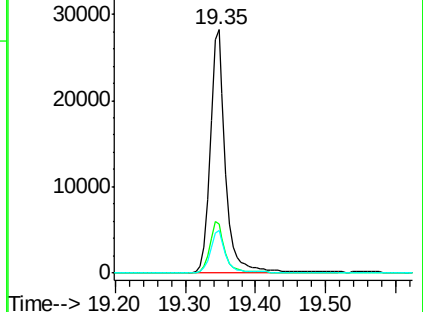
203 17.4 13.8 20.8

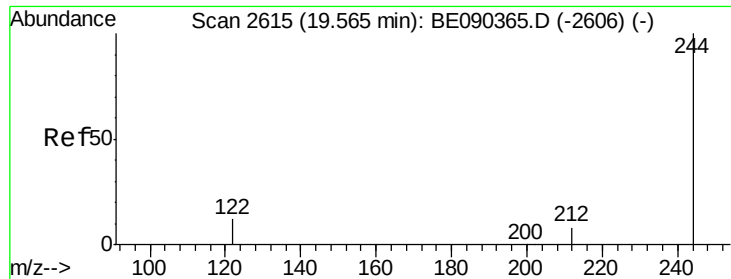


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

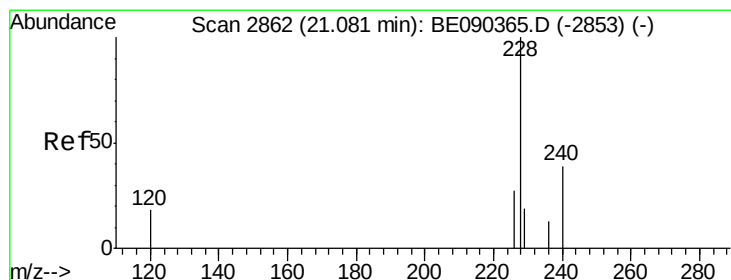
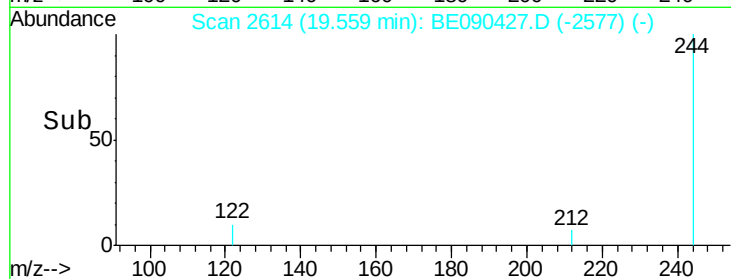
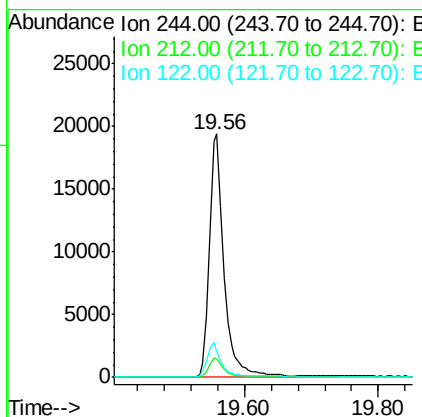
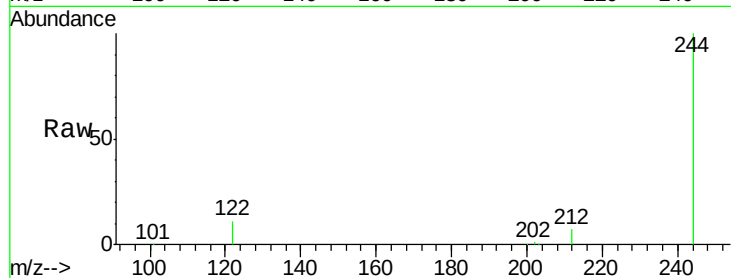




#27
 Terphenyl-d14
 Concen: 1.17 ng
 RT: 19.56 min Scan# 2614
 Delta R.T. -0.01 min
 Lab File: BE090427.D
 Acq: 11 Aug 2015 7:04

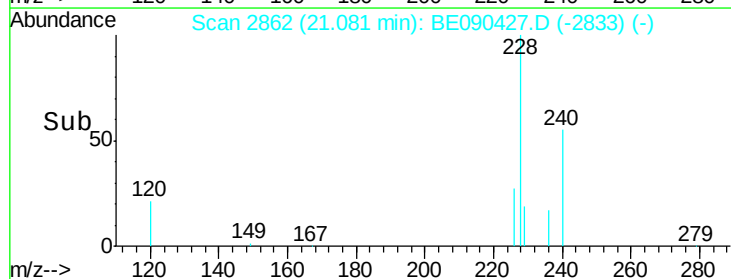
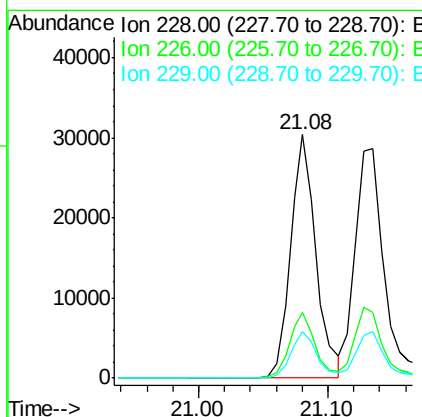
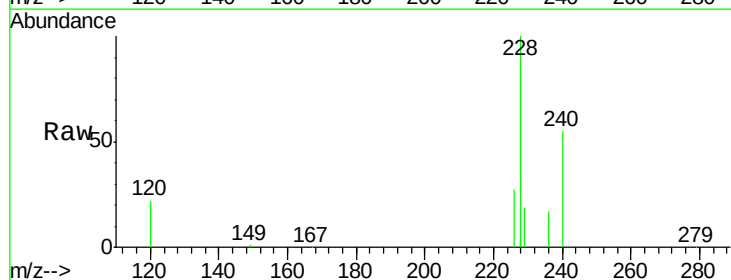
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001EC

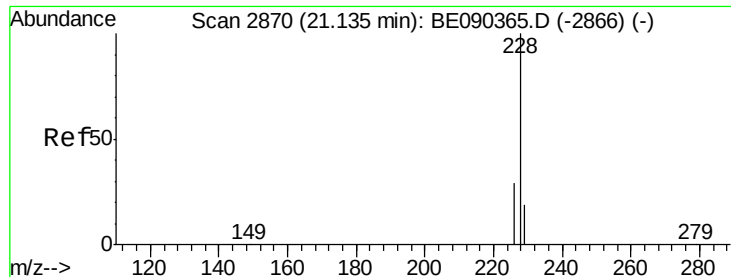
Tot Ion:244 Resp: 29480
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.6 9.8
 122 10.9 10.2 15.4



#28
 Benzo(a)anthracene
 Concen: 1.10 ng
 RT: 21.08 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: BE090427.D
 Acq: 11 Aug 2015 7:04

Tgt Ion:228 Resp: 41424
 Ion Ratio Lower Upper
 228 100
 226 26.7 21.9 32.9
 229 19.3 15.4 23.0





#29

Chrysene

Concen: 1.03 ng

RT: 21.13 min Scan# 2870

Delta R.T. -0.00 min

Lab File: BE090427.D

Acq: 11 Aug 2015 7:04

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

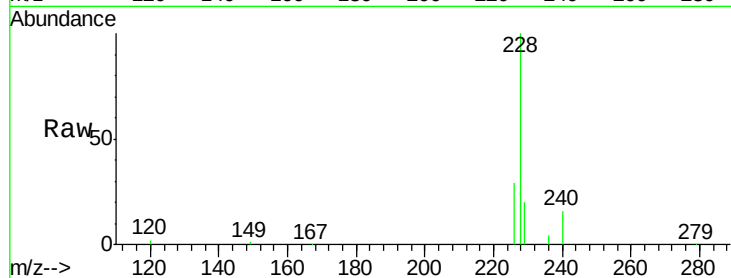
Tot Ion:228 Resp: 47262

Ion Ratio Lower Upper

228 100

226 28.9 23.1 34.7

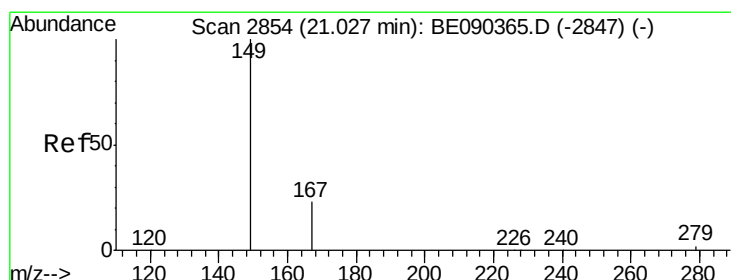
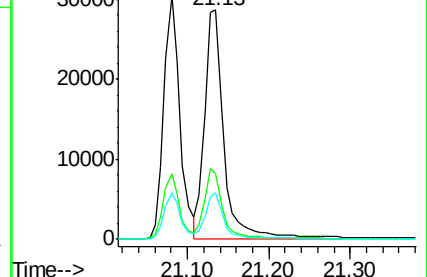
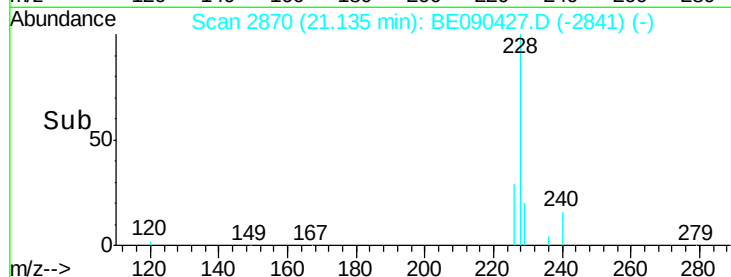
229 20.4 15.8 23.8



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: 1.40 ng

RT: 21.03 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BE090427.D

Acq: 11 Aug 2015 7:04

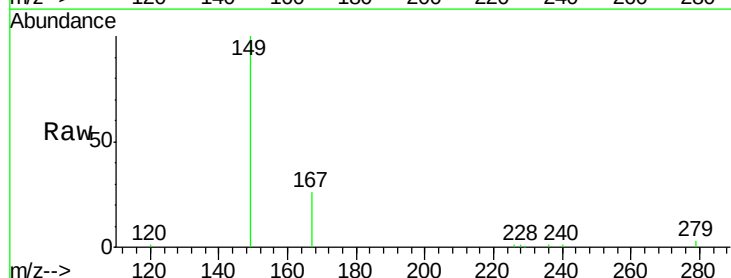
Tgt Ion:149 Resp: 13158

Ion Ratio Lower Upper

149 100

167 25.7 19.8 29.8

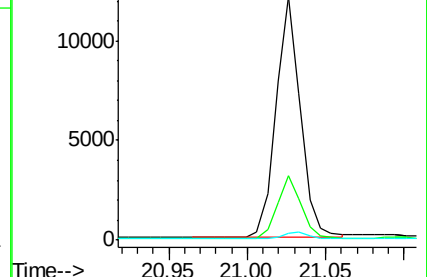
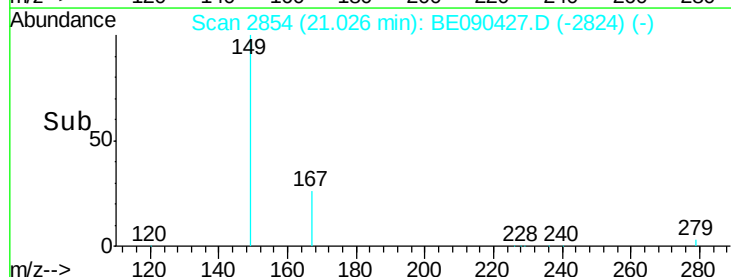
279 3.1 2.4 3.6

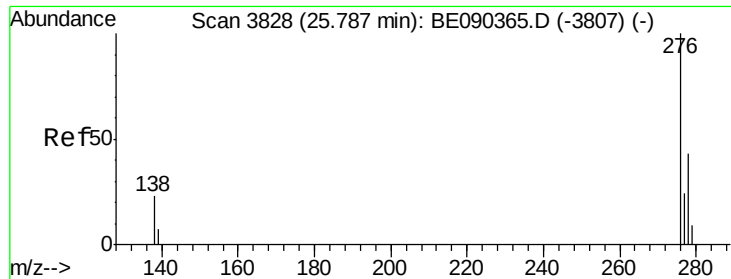


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

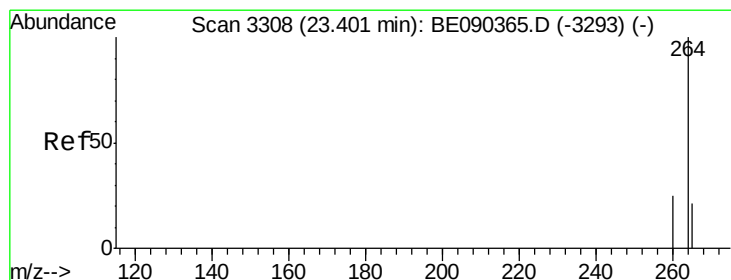
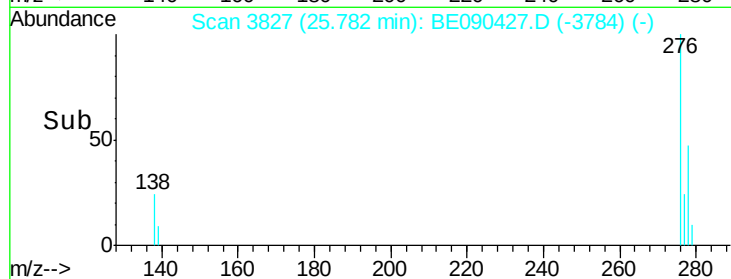
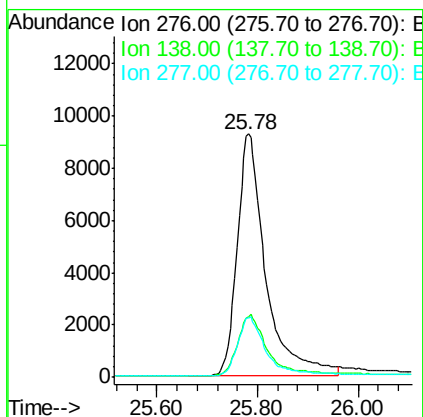
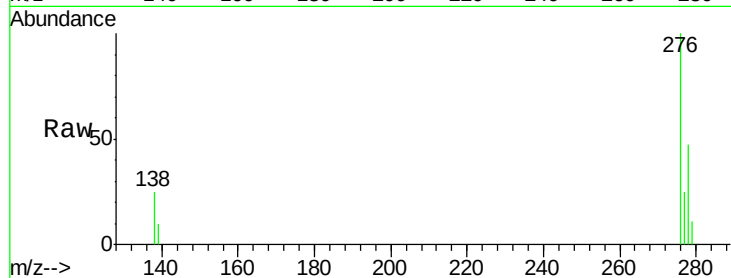




#31
Indeno(1,2,3-cd)pyrene
Concen: 1.09 ng
RT: 25.78 min Scan# 3827
Delta R.T. -0.00 min
Lab File: BE090427.D
Acq: 11 Aug 2015 7:04

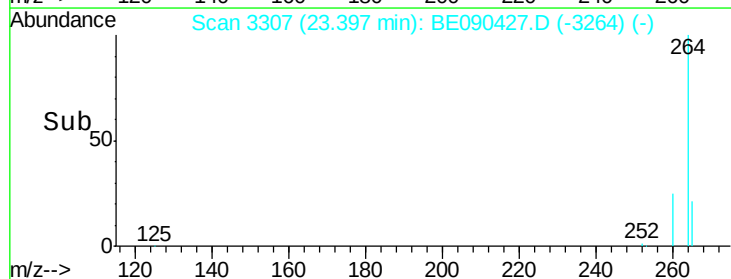
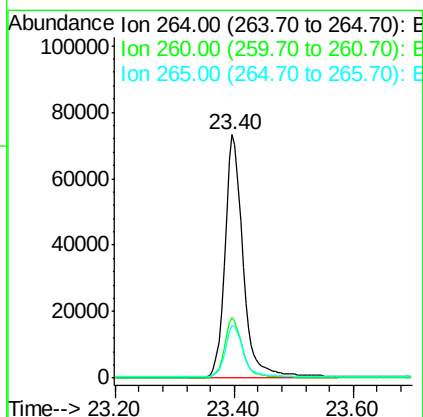
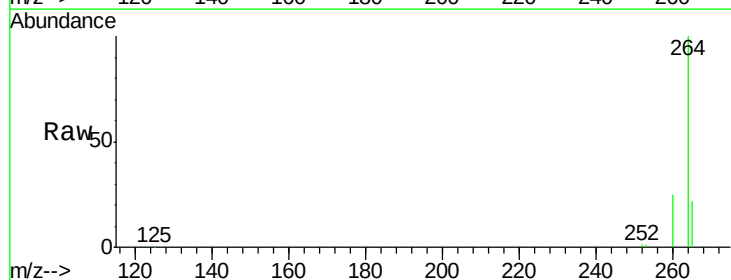
Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

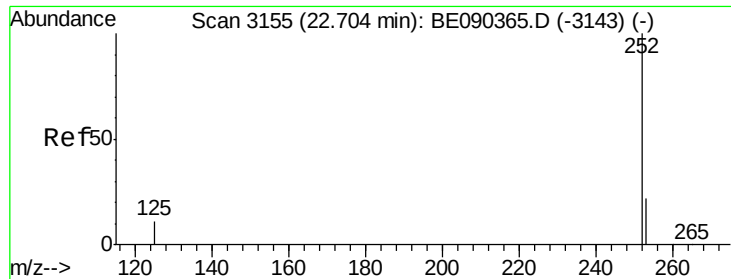
Tot Ion:276 Resp: 36502
Ion Ratio Lower Upper
276 100
138 26.0 18.8 28.2
277 24.9 18.2 27.4



#32
Perylene-d12
Concen: 5.00 ng
RT: 23.40 min Scan# 3307
Delta R.T. -0.00 min
Lab File: BE090427.D
Acq: 11 Aug 2015 7:04

Tgt Ion:264 Resp: 156509
Ion Ratio Lower Upper
264 100
260 25.1 20.1 30.1
265 21.8 17.2 25.8

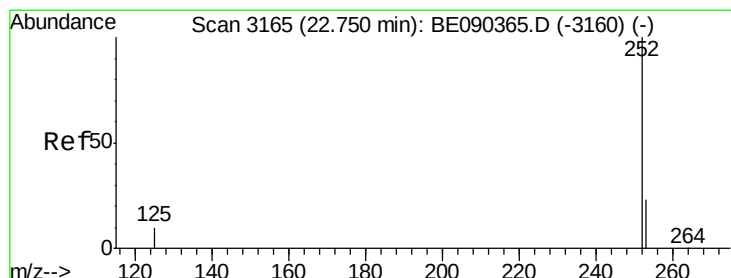
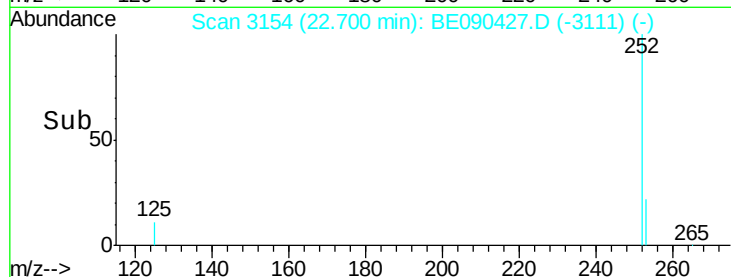
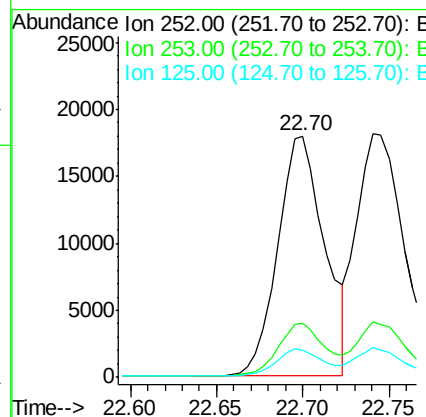
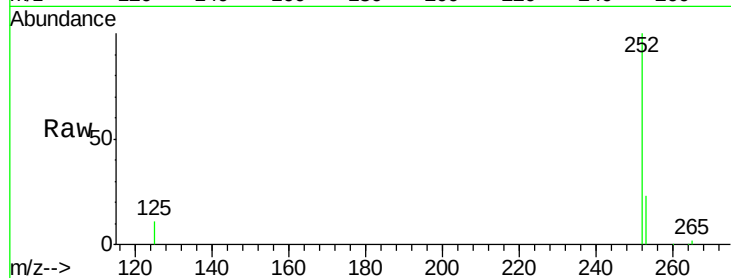




#33
Benzo(b)fluoranthene
Concen: 1.11 ng
RT: 22.70 min Scan# 3154
Delta R.T. -0.00 min
Lab File: BE090427.D
Acq: 11 Aug 2015 7:04

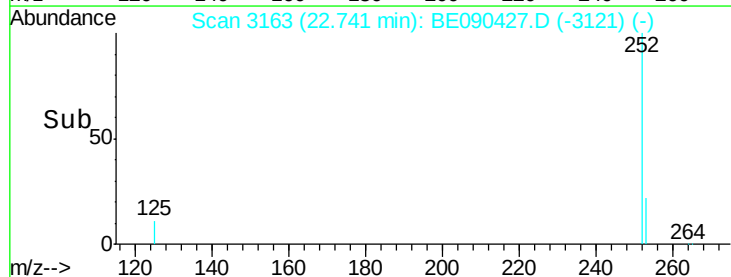
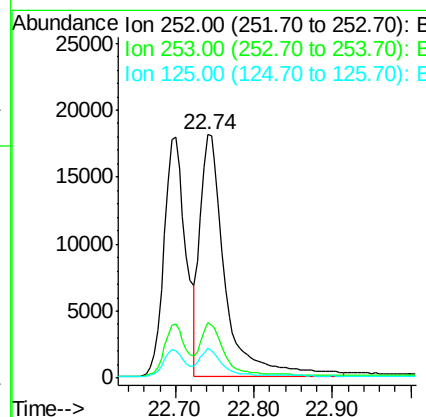
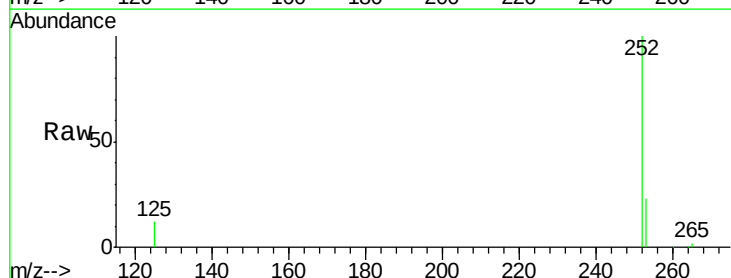
Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

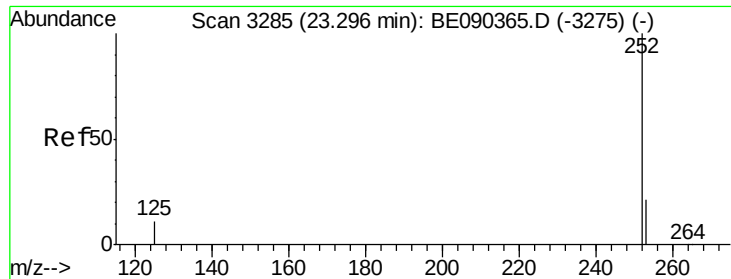
Tot Ion:252 Resp: 33837
Ion Ratio Lower Upper
252 100
253 22.6 18.1 27.1
125 11.4 9.4 14.2



#34
Benzo(k)fluoranthene
Concen: 0.94 ng m
RT: 22.74 min Scan# 3163
Delta R.T. -0.01 min
Lab File: BE090427.D
Acq: 11 Aug 2015 7:04

Tgt Ion:252 Resp: 41188
Ion Ratio Lower Upper
252 100
253 22.6 18.1 27.1
125 12.0 9.1 13.7





#35

Benzo(a)pyrene

Concen: 1.08 ng

RT: 23.30 min Scan# 3285

Delta R.T. 0.00 min

Lab File: BE090427.D

Acq: 11 Aug 2015 7:04

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

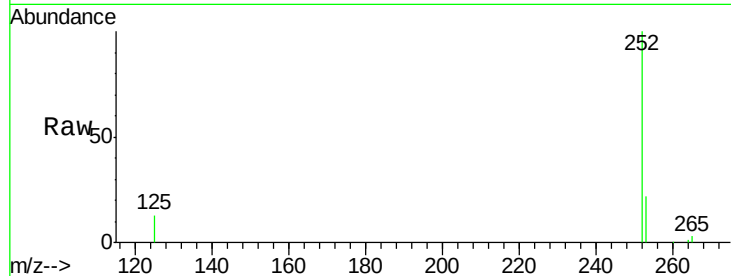
Tot Ion:252 Resp: 29756

Ion Ratio Lower Upper

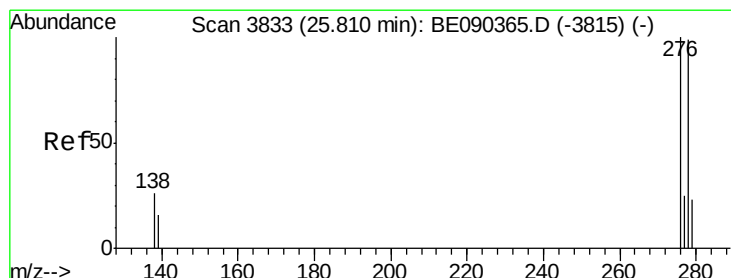
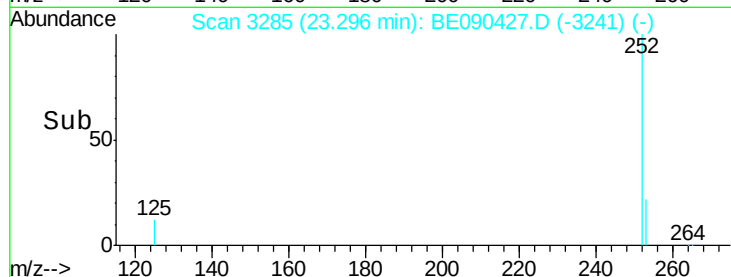
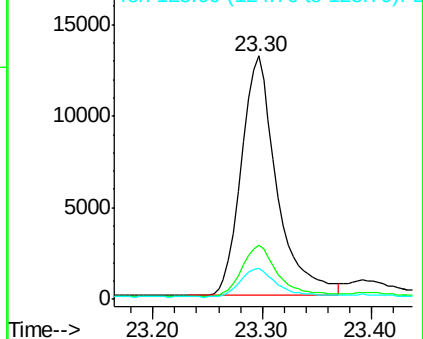
252 100

253 22.3 17.6 26.4

125 12.6 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: 1.09 ng

RT: 25.80 min Scan# 3831

Delta R.T. -0.01 min

Lab File: BE090427.D

Acq: 11 Aug 2015 7:04

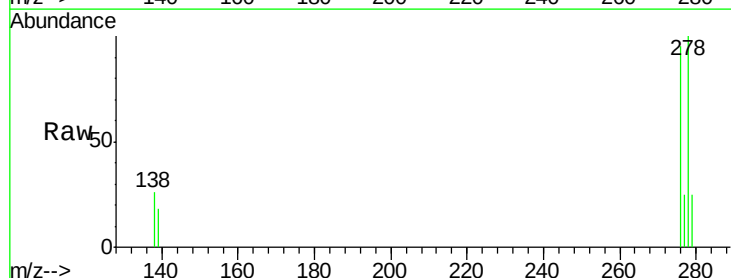
Tgt Ion:278 Resp: 28076

Ion Ratio Lower Upper

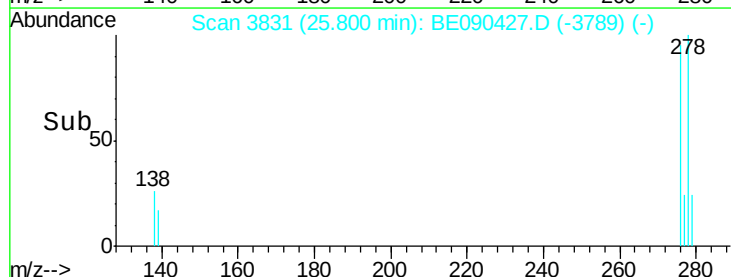
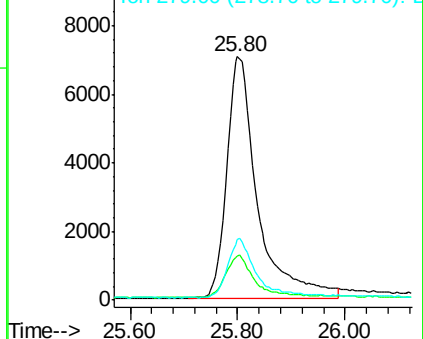
278 100

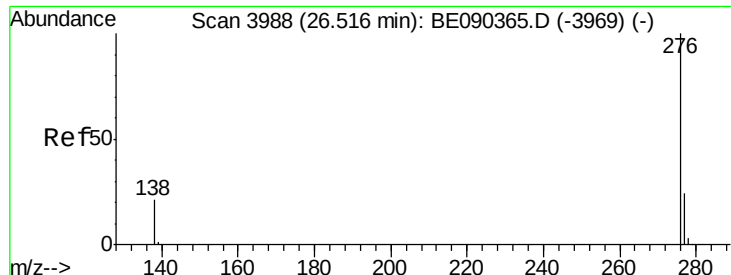
139 18.2 14.2 21.4

279 24.7 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: 1.11 ng

RT: 26.51 min Scan# 3987

Delta R.T. -0.01 min

Lab File: BE090427.D

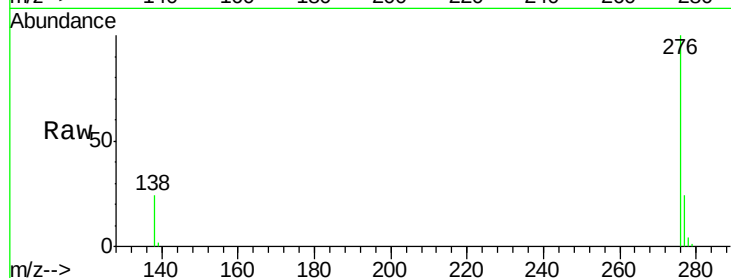
Acq: 11 Aug 2015 7:04

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC



Tot Ion: 276 Resp: 32134

Ion Ratio Lower Upper

276 100

277 24.1 20.1 30.1

138 23.8 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

