

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100616\
 Data File : BF090427.D
 Acq On : 6 Oct 2016 19:25
 Operator : UM/SJ
 Sample : H5085-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHA-STA-1698-D(0-2)

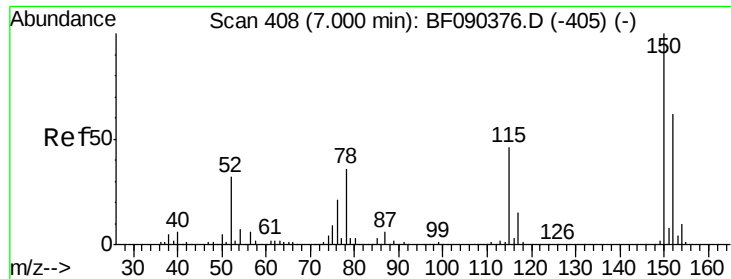
Quant Time: Oct 07 00:08:55 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 05 14:57:00 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	206852	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	849325	20.00	ng	-0.01
38) Acenaphthene-d10	10.05	164	462384	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	697201	20.00	ng	0.00
75) Chrysene-d12	14.19	240	422736	20.00	ng	-0.01
86) Perylene-d12	15.70	264	440391	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	1719467	124.06	ng	0.00
7) Phenol-d6	6.62	99	2464458	135.76	ng	0.00
23) Nitrobenzene-d5	7.56	82	1526126	87.40	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	485624	129.16	ng	-0.01
44) 2-Fluorobiphenyl	9.37	172	2010672	72.45	ng	-0.01
78) Terphenyl-d14	13.13	244	1571601	83.58	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.56	70	236771	17.79	ng	# 62
35) Caprolactam	8.71	113	43398	11.70	ng	# 8
36) 4-Chloro-3-methylphenol	8.82	107	36951	2.68	ng	# 22
48) Acenaphthylene	9.91	152	121433	2.91	ng	# 49
49) Dimethylphthalate	9.75	163	729161	24.62	ng	# 96
50) 2,6-Dinitrotoluene	9.82	165	63603	9.67	ng	# 28
51) Acenaphthene	10.09	154	138057	5.30	ng	# 94
52) 3-Nitroaniline	10.01	138	78337	10.20	ng	# 10
54) Dibenzofuran	10.26	168	81978	2.43	ng	# 74
57) Fluorene	10.60	166	119599	4.22	ng	# 86
64) 4,6-Dinitro-2-methylphenol	10.60	198	10187	7.36	ng	# 1
65) n-Nitrosodiphenylamine	10.71	169	126519	5.42	ng	# 62
70) Phenanthrene	11.57	178	2204930	61.76	ng	# 99
71) Anthracene	11.62	178	630522	17.29	ng	# 96
72) Carbazole	11.77	167	126622	3.74	ng	# 81
74) Fluoranthene	12.76	202	3241913	92.58	ng	# 98
77) Pyrene	13.00	202	3646742	129.37	ng	# 98
80) Benzo(a)anthracene	14.18	228	1702885	71.80	ng	# 98
82) Chrysene	14.21	228	1186875	54.37	ng	# 97
85) Indeno(1,2,3-cd)pyrene	17.22	276	932923	59.94	ng	# 98
87) Benzo(b)fluoranthene	15.25	252	2336769	83.30	ng	# 93
88) Benzo(k)fluoranthene	15.25	252	2337792	88.72	ng	# 98
89) Benzo(a)pyrene	15.63	252	1435182	59.36	ng	# 93
90) Dibenzo(a,h)anthracene	17.22	278	231017	11.23	ng	# 82
91) Benzo(g,h,i)perylene	17.68	276	931691	47.20	ng	# 94

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

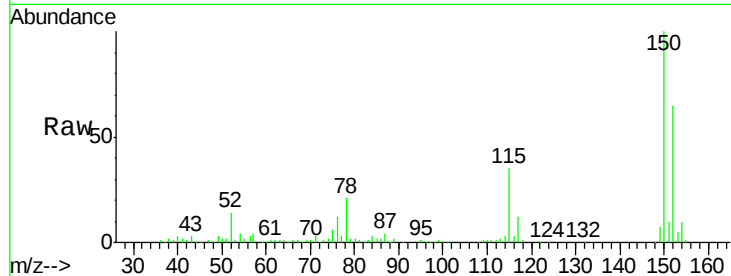


#1

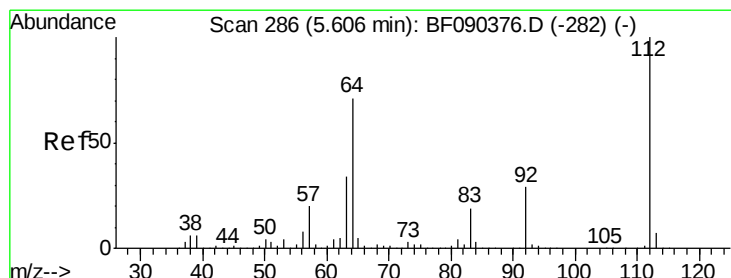
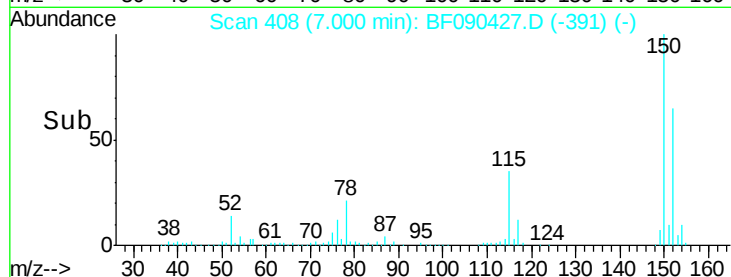
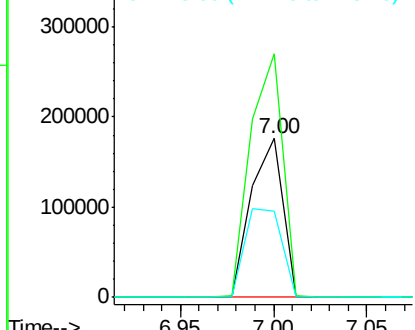
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.00 min Scan# 408
Delta R.T. -0.00 min
Lab File: BF090427.D
Acq: 6 Oct 2016 19:25

Instrument :
BNA_F
ClientSampleId :
CHA-STA-1698-D(0-2)

Tgt Ion:152 Resp: 206852
Ion Ratio Lower Upper
152 100
150 153.2 124.6 186.8
115 53.8 46.2 69.4



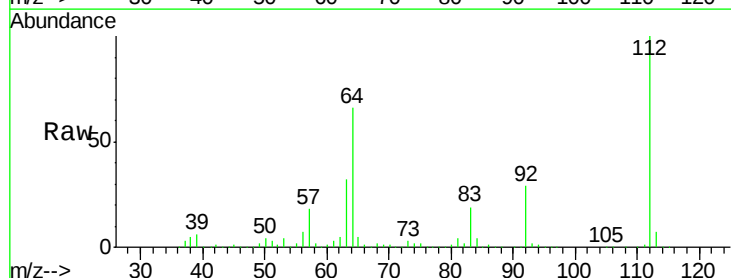
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



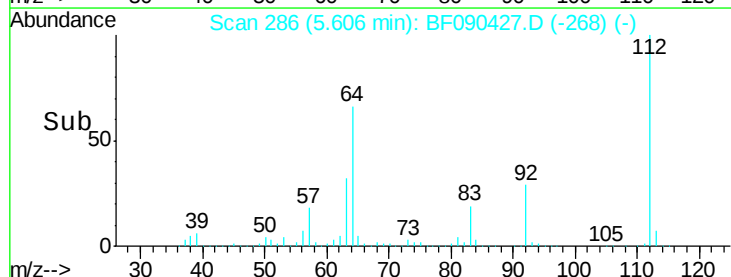
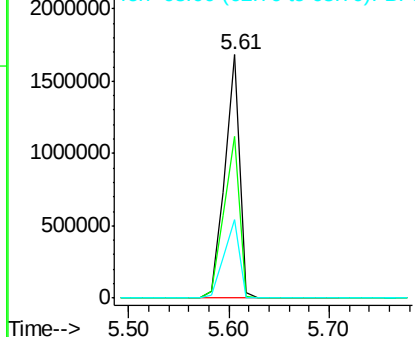
#5

2-Fluorophenol
Concen: 124.06 ng
RT: 5.61 min Scan# 286
Delta R.T. 0.00 min
Lab File: BF090427.D
Acq: 6 Oct 2016 19:25

Tgt Ion:112 Resp: 1719467
Ion Ratio Lower Upper
112 100
64 66.3 57.9 86.9
63 32.1 29.6 44.4



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 135.76 ng

RT: 6.62 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF090427.D

Acq: 6 Oct 2016 19:25

Instrument :

BNA_F

ClientSampleId :

CHA-STA-1698-D(0-2)

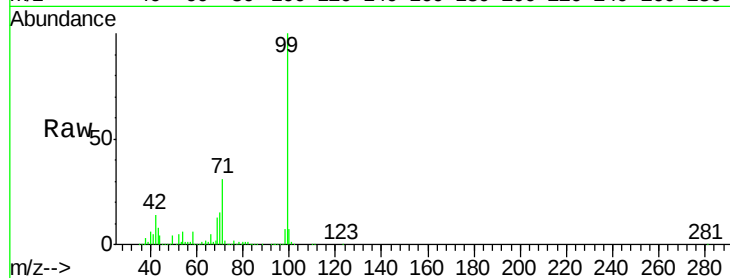
Tgt Ion: 99 Resp: 2464458

Ion Ratio Lower Upper

99 100

42 14.4 20.0 30.0#

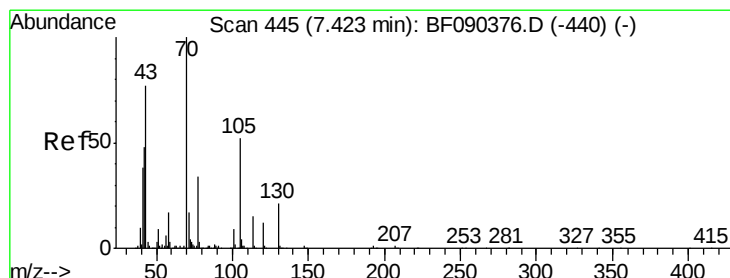
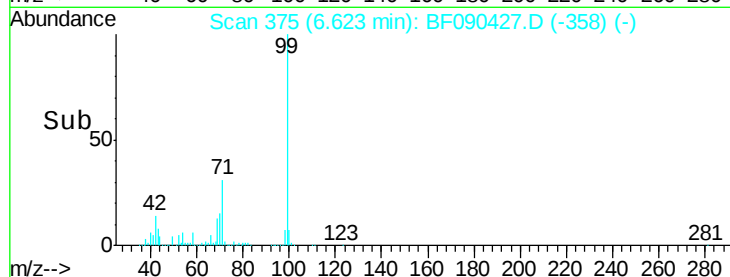
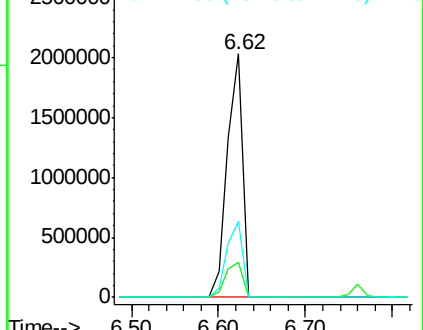
71 31.2 27.9 41.9



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 17.79 ng

RT: 7.56 min Scan# 457

Delta R.T. 0.14 min

Lab File: BF090427.D

Acq: 6 Oct 2016 19:25

Tgt Ion: 70 Resp: 236771

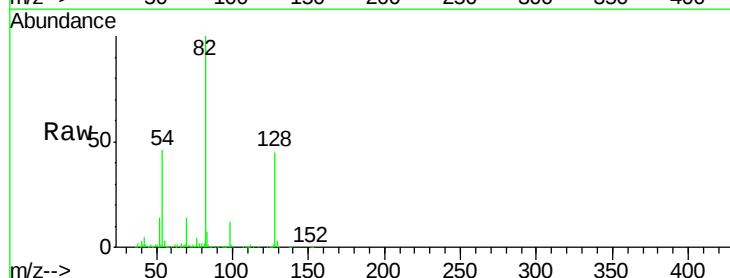
Ion Ratio Lower Upper

70 100

42 37.4 55.4 83.2#

101 0.0 7.6 11.4#

130 2.0 16.5 24.7#

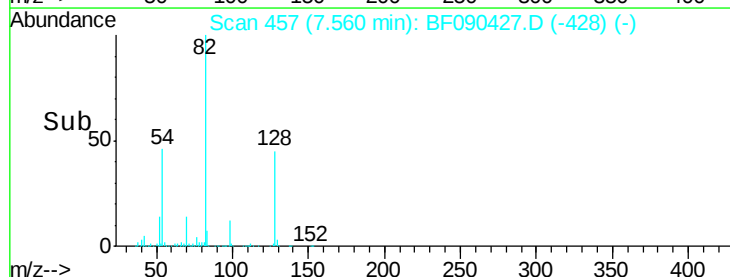
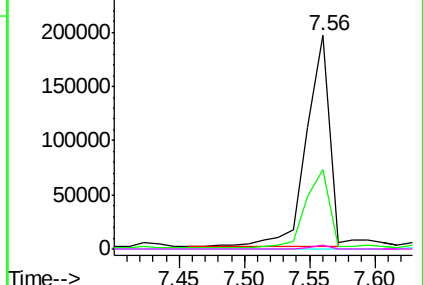


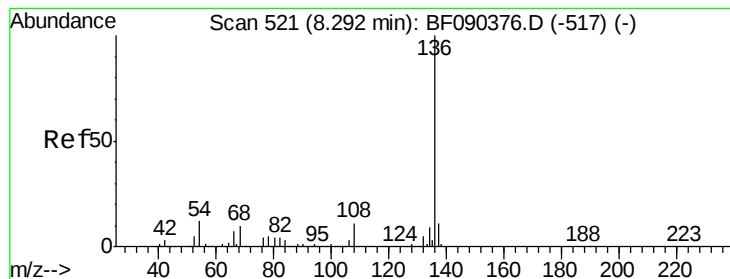
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.28 min Scan# 520

Delta R.T. -0.01 min

Lab File: BF090427.D

Acq: 6 Oct 2016 19:25

Instrument :

BNA_F

ClientSampleId :

CHA-STA-1698-D(0-2)

Tgt Ion: 136 Resp: 849325

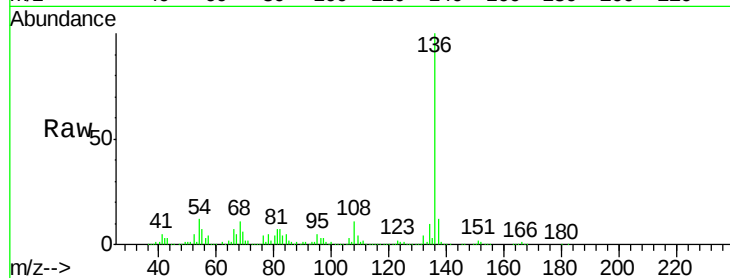
Ion Ratio Lower Upper

136 100

137 12.1 9.0 13.6

54 12.2 6.6 10.0#

68 11.3 5.0 7.6#

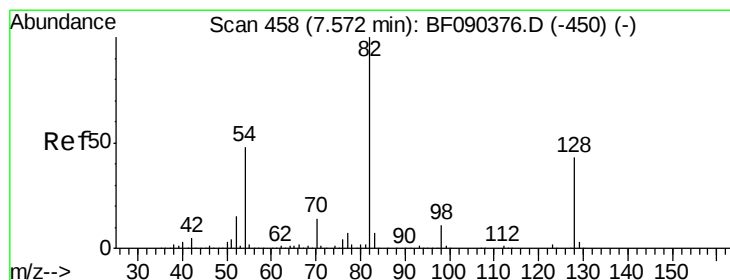
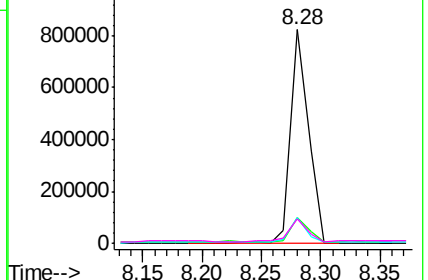
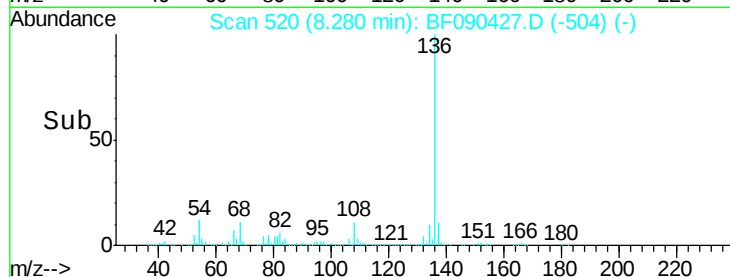


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 87.40 ng

RT: 7.56 min Scan# 457

Delta R.T. -0.01 min

Lab File: BF090427.D

Acq: 6 Oct 2016 19:25

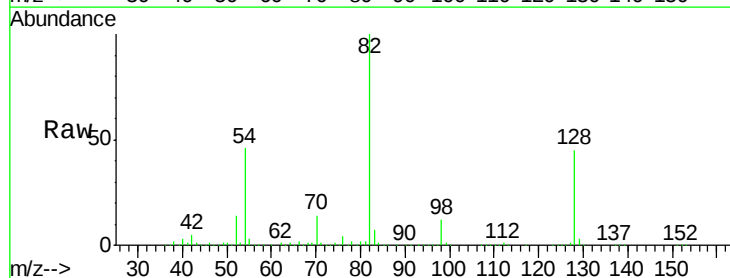
Tgt Ion: 82 Resp: 1526126

Ion Ratio Lower Upper

82 100

128 45.0 40.0 60.0

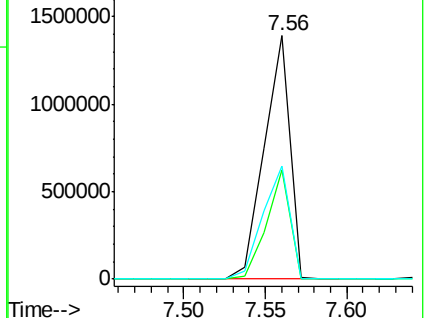
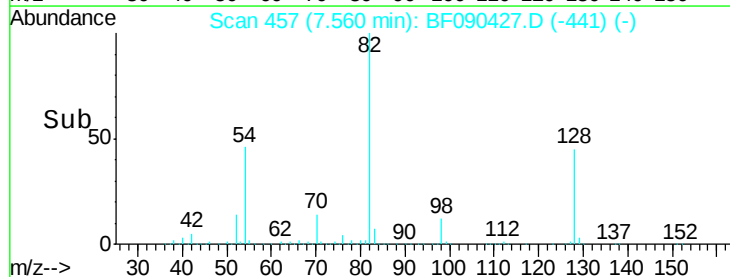
54 46.2 42.6 64.0

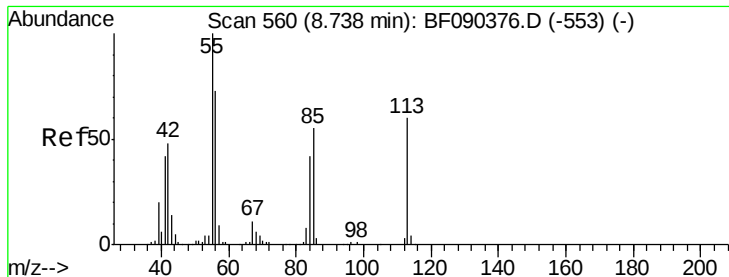


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

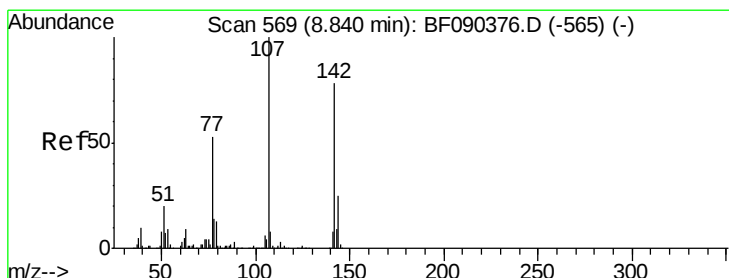
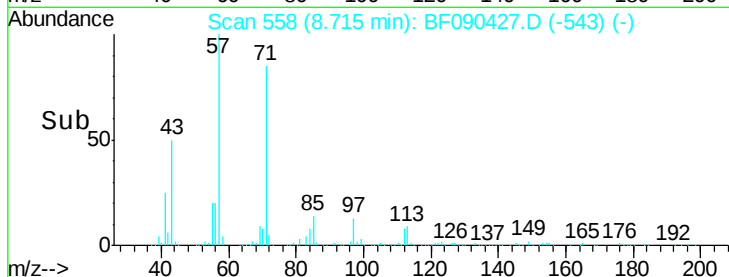
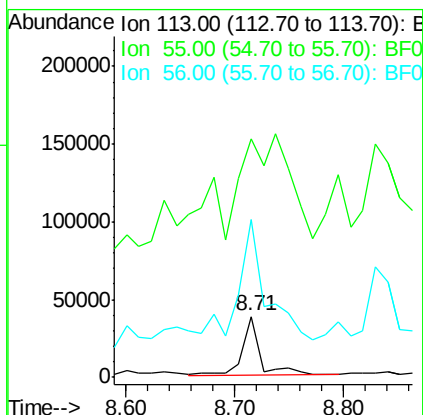
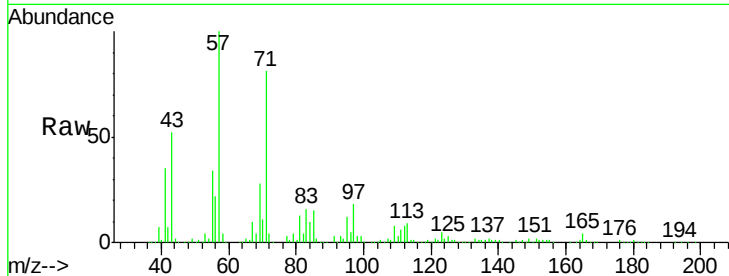




#35
 Caprolactam
 Concen: 11.70 ng
 RT: 8.71 min Scan# 558
 Delta R.T. -0.02 min
 Lab File: BF090427.D
 Acq: 6 Oct 2016 19:25

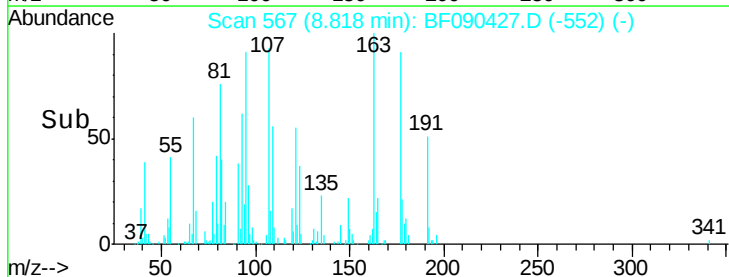
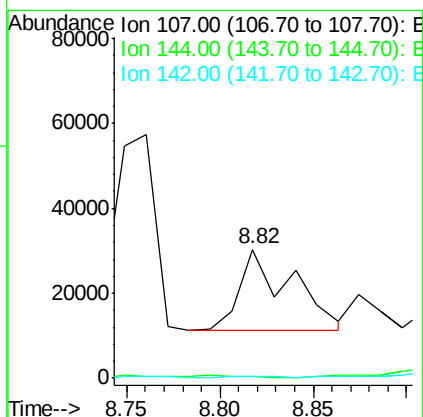
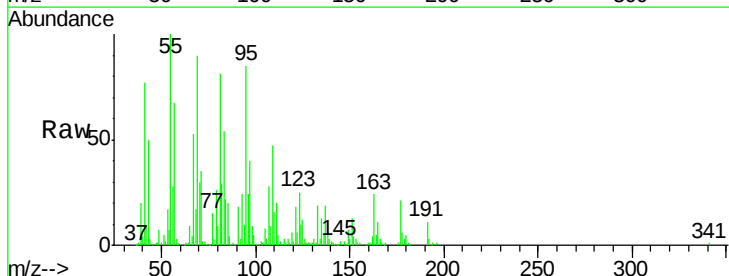
Instrument :
 BNA_F
 ClientSampleId :
 CHA-STA-1698-D(0-2)

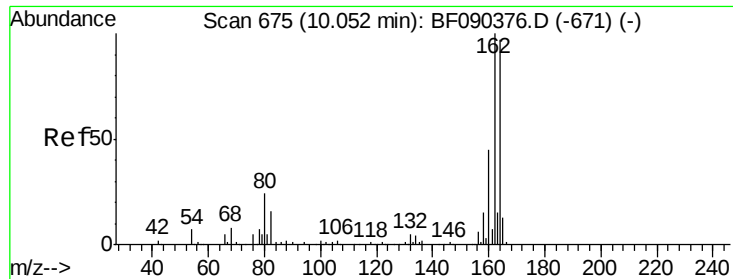
Tgt Ion:113 Resp: 43398
 Ion Ratio Lower Upper
 113 100
 55 393.5 203.3 243.3#
 56 259.5 140.5 180.5#



#36
 4-Chloro-3-methylphenol
 Concen: 2.68 ng
 RT: 8.82 min Scan# 567
 Delta R.T. -0.02 min
 Lab File: BF090427.D
 Acq: 6 Oct 2016 19:25

Tgt Ion:107 Resp: 36951
 Ion Ratio Lower Upper
 107 100
 144 1.1 19.8 29.8#
 142 1.0 60.7 91.1#

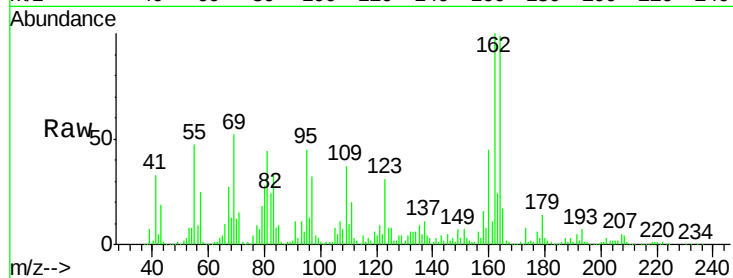




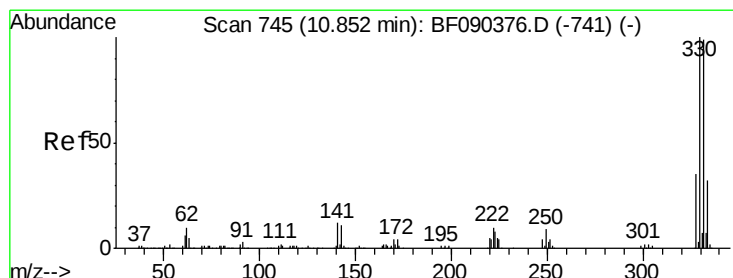
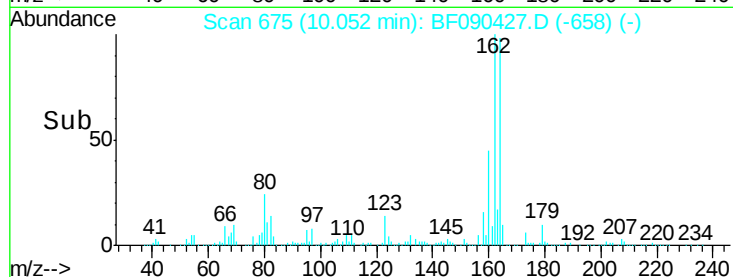
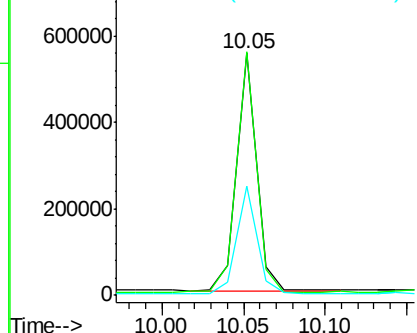
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.05 min Scan# 675
Delta R.T. -0.00 min
Lab File: BF090427.D
Acq: 6 Oct 2016 19:25

Instrument :
BNA_F
ClientSampleId :
CHA-STA-1698-D(0-2)

Tgt Ion:164 Resp: 462384
Ion Ratio Lower Upper
164 100
162 100.6 80.1 120.1
160 44.9 36.3 54.5

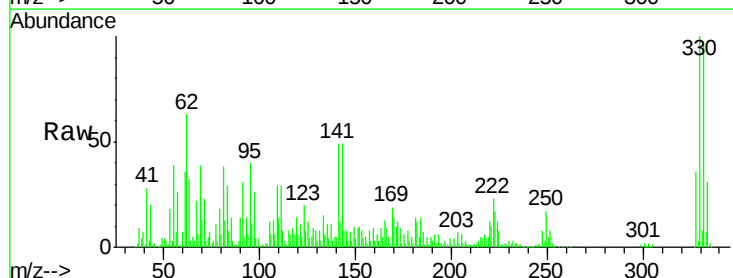


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

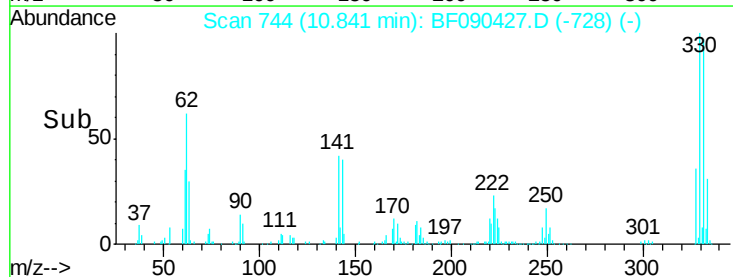
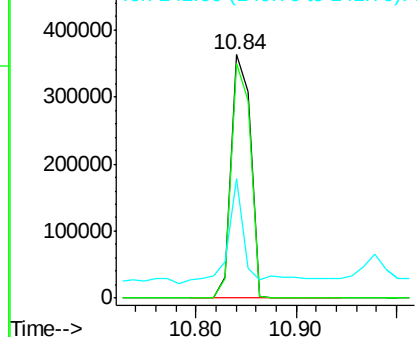


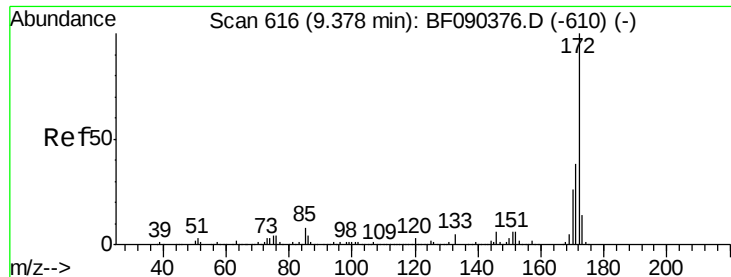
#41
2,4,6-Tribromophenol
Concen: 129.16 ng
RT: 10.84 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF090427.D
Acq: 6 Oct 2016 19:25

Tgt Ion:330 Resp: 485624
Ion Ratio Lower Upper
330 100
332 96.1 75.4 113.0
141 36.5 26.9 40.3



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





#44

2-Fluorobiphenyl

Concen: 72.45 ng

RT: 9.37 min Scan# 615

Delta R.T. -0.01 min

Lab File: BF090427.D

Acq: 6 Oct 2016 19:25

Instrument :

BNA_F

ClientSampleId :

CHA-STA-1698-D(0-2)

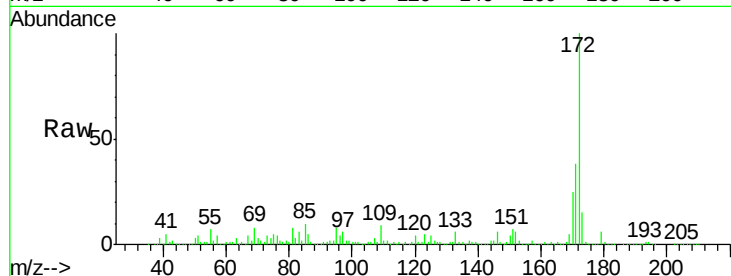
Tgt Ion:172 Resp: 2010672

Ion Ratio Lower Upper

172 100

171 37.7 31.8 47.8

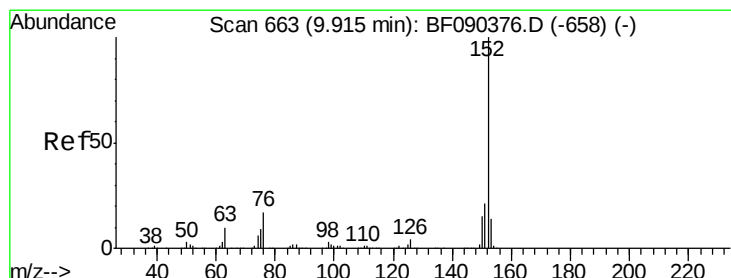
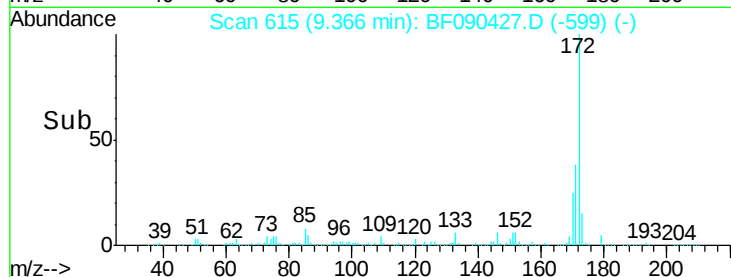
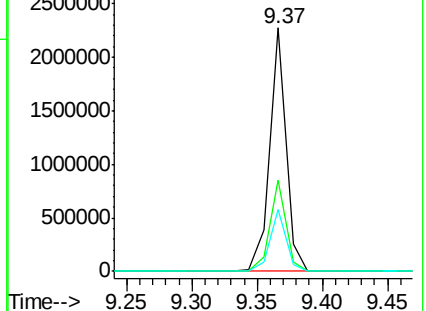
170 25.5 21.7 32.5



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#48

Acenaphthylene

Concen: 2.91 ng

RT: 9.91 min Scan# 663

Delta R.T. -0.00 min

Lab File: BF090427.D

Acq: 6 Oct 2016 19:25

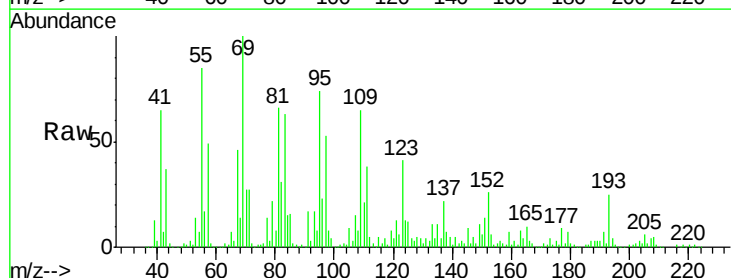
Tgt Ion:152 Resp: 121433

Ion Ratio Lower Upper

152 100

151 55.8 17.4 26.0#

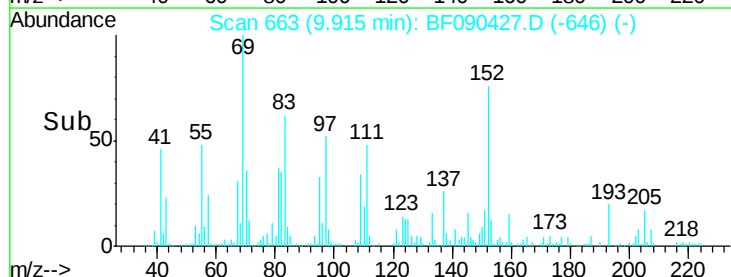
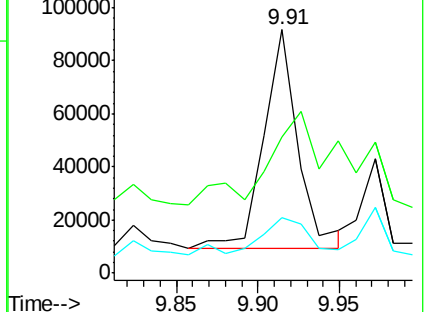
153 22.8 11.6 17.4#

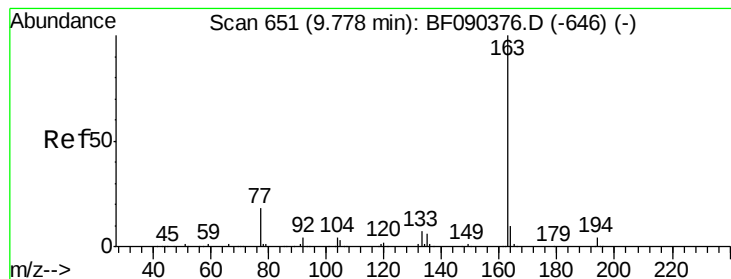


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 24.62 ng

RT: 9.75 min Scan# 649

Delta R.T. -0.02 min

Lab File: BF090427.D

Acq: 6 Oct 2016 19:25

Instrument :

BNA_F

ClientSampleId :

CHA-STA-1698-D(0-2)

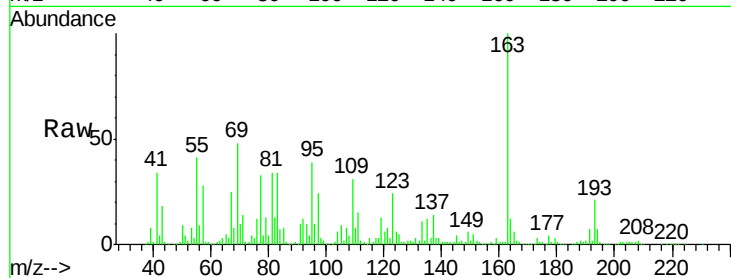
Tgt Ion:163 Resp: 729161

Ion Ratio Lower Upper

163 100

194 6.6 2.8 4.2#

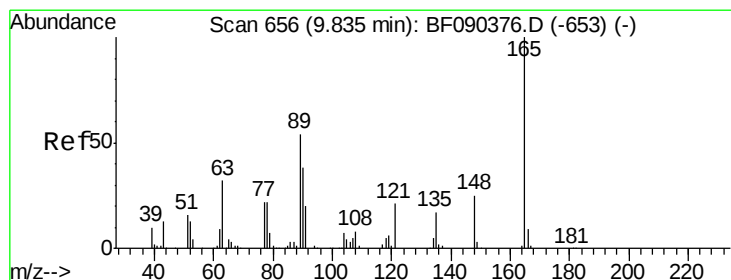
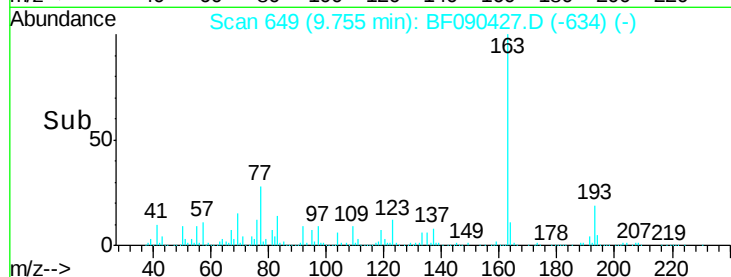
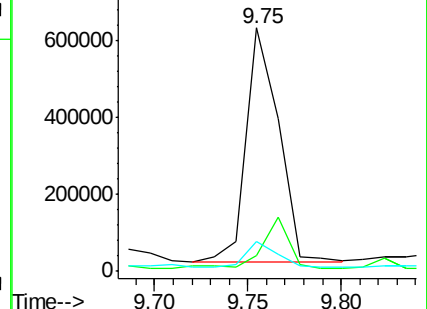
164 12.1 9.0 13.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 9.67 ng

RT: 9.82 min Scan# 655

Delta R.T. -0.01 min

Lab File: BF090427.D

Acq: 6 Oct 2016 19:25

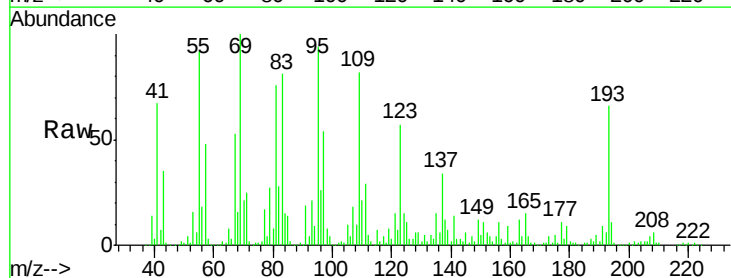
Tgt Ion:165 Resp: 63603

Ion Ratio Lower Upper

165 100

63 12.5 58.0 87.0#

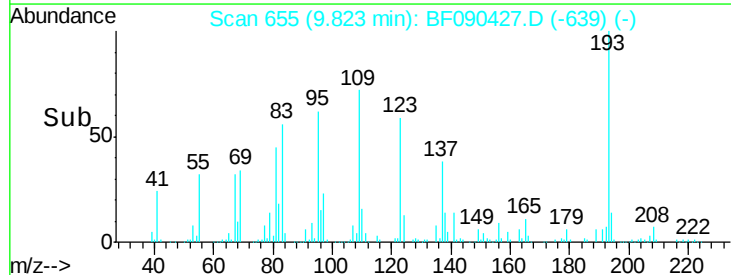
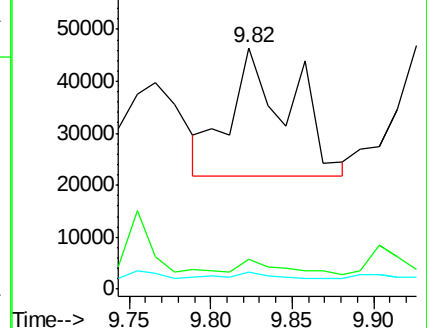
89 6.8 51.2 76.8#

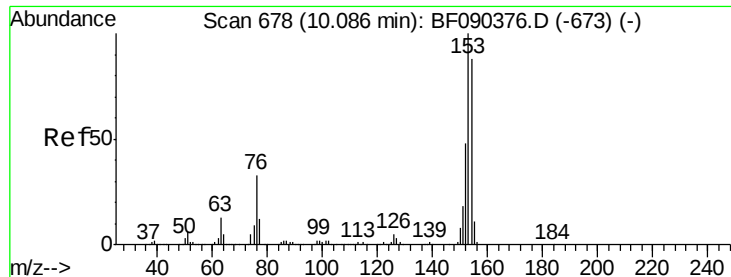


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 5.30 ng

RT: 10.09 min Scan# 678

Delta R.T. -0.00 min

Lab File: BF090427.D

Acq: 6 Oct 2016 19:25

Instrument :

BNA_F

ClientSampleId :

CHA-STA-1698-D(0-2)

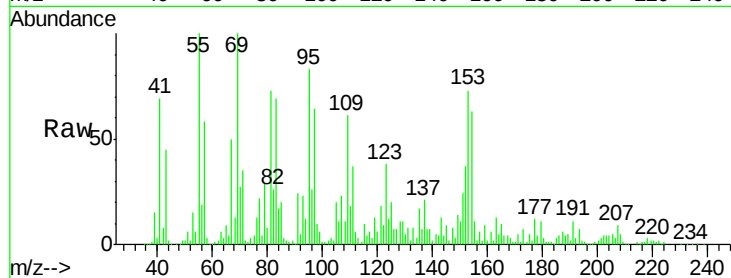
Tgt Ion:154 Resp: 138057

Ion Ratio Lower Upper

154 100

153 116.0 88.6 133.0

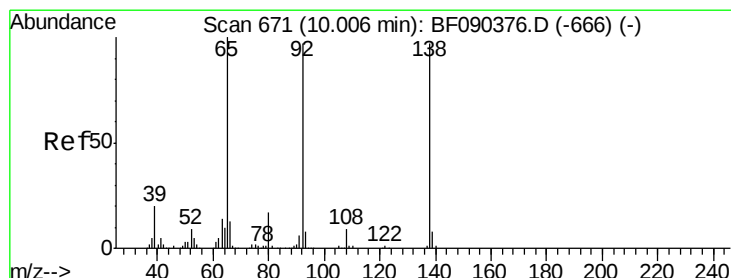
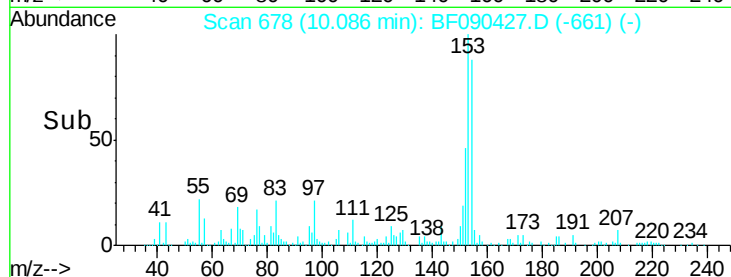
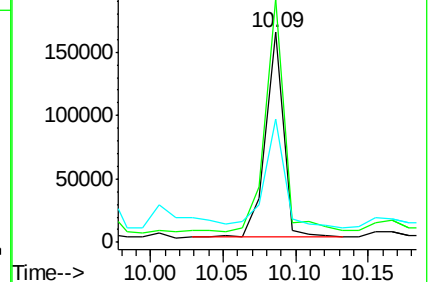
152 58.7 42.6 64.0



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



#52

3-Nitroaniline

Concen: 10.20 ng

RT: 10.01 min Scan# 671

Delta R.T. -0.00 min

Lab File: BF090427.D

Acq: 6 Oct 2016 19:25

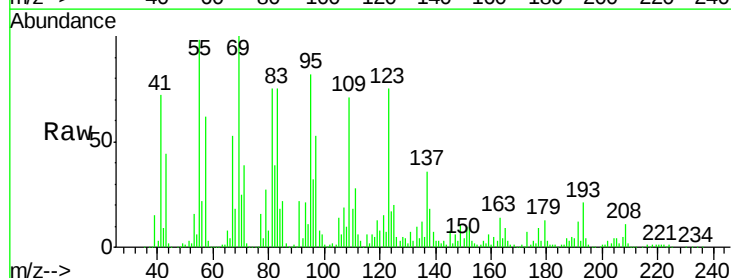
Tgt Ion:138 Resp: 78337

Ion Ratio Lower Upper

138 100

108 56.5 9.7 14.5#

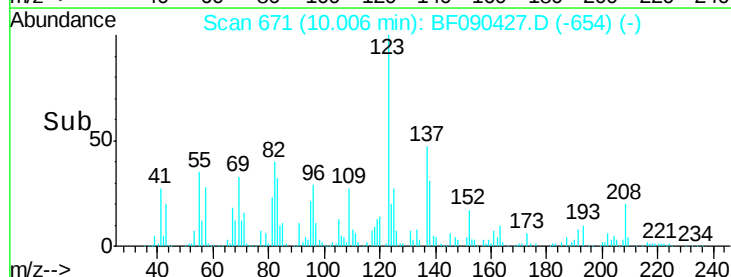
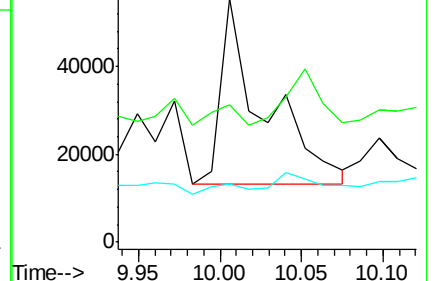
92 24.0 97.1 145.7#

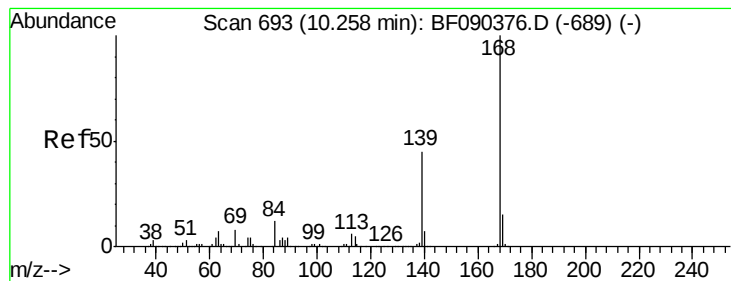


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#54

Dibenzenofuran

Concen: 2.43 ng

RT: 10.26 min Scan# 693

Delta R.T. -0.00 min

Lab File: BF090427.D

Acq: 6 Oct 2016 19:25

Instrument :

BNA_F

ClientSampleId :

CHA-STA-1698-D(0-2)

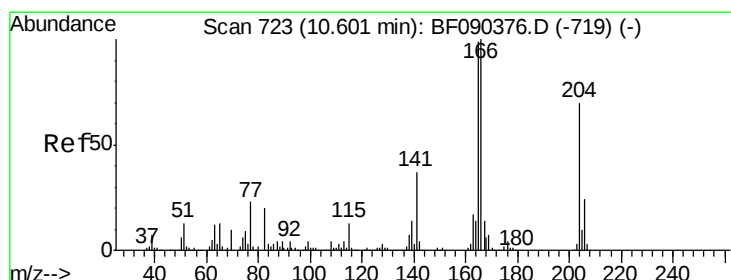
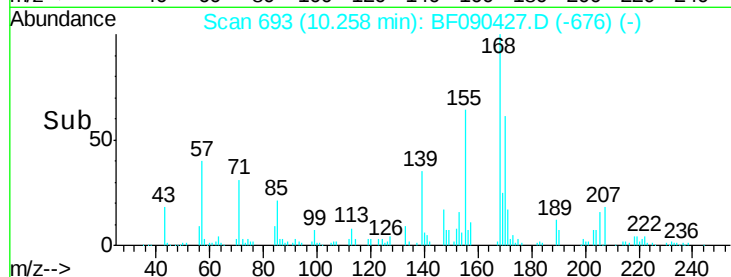
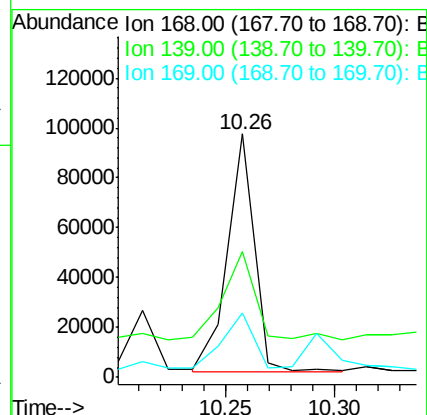
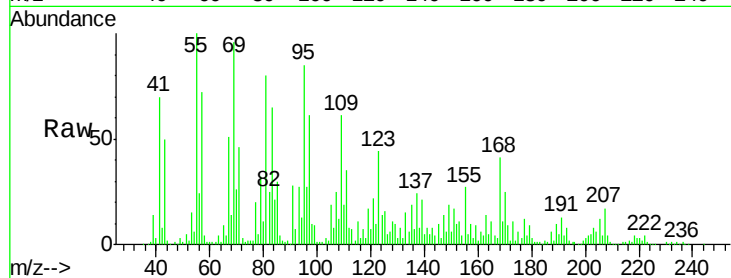
Tgt Ion:168 Resp: 81978

Ion Ratio Lower Upper

168 100

139 51.7 29.6 44.4#

169 26.2 11.3 16.9#



#57

Fluorene

Concen: 4.22 ng

RT: 10.60 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF090427.D

Acq: 6 Oct 2016 19:25

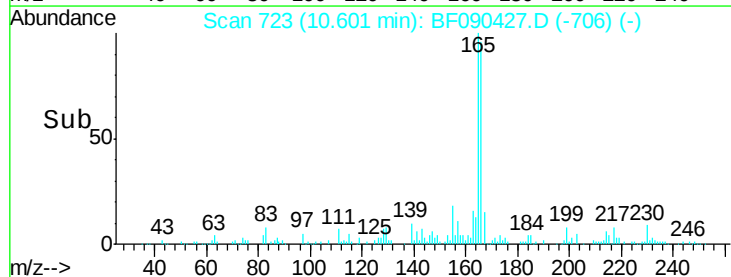
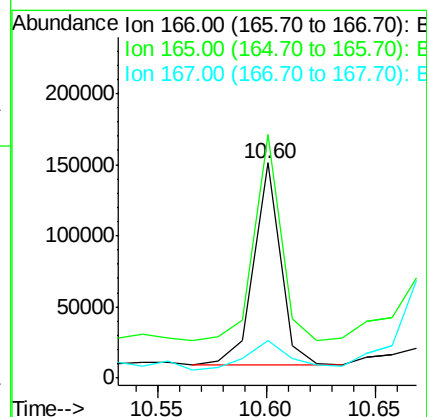
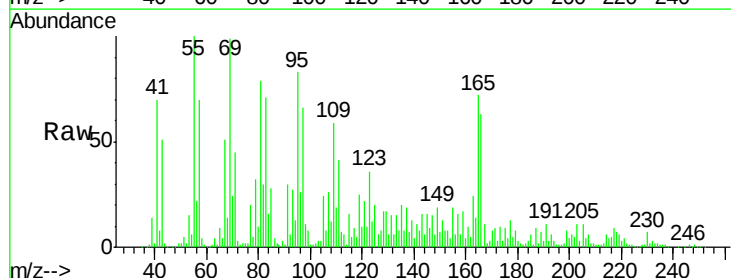
Tgt Ion:166 Resp: 119599

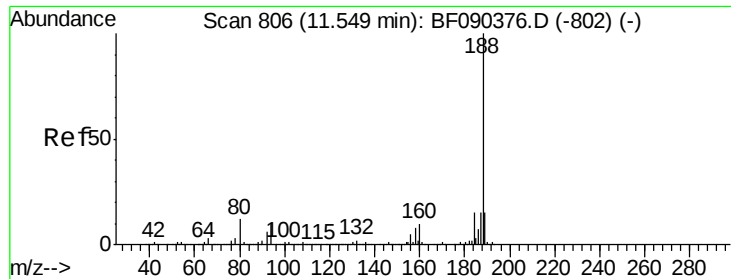
Ion Ratio Lower Upper

166 100

165 113.1 79.2 118.8

167 17.6 11.1 16.7#

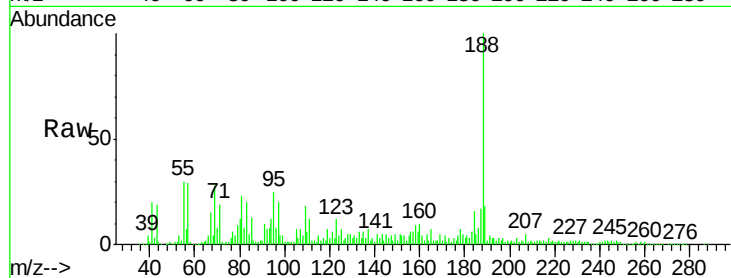




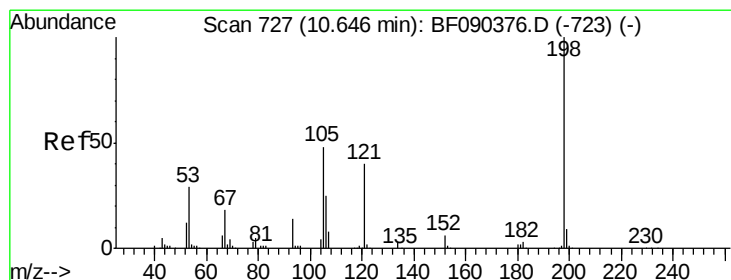
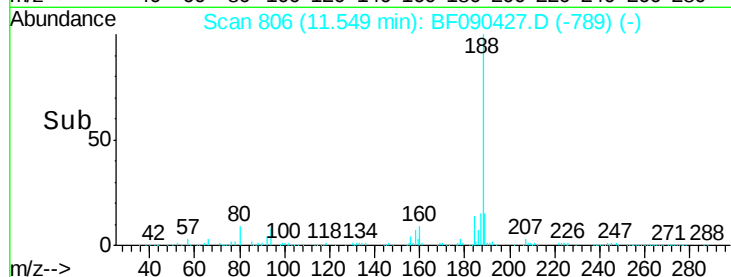
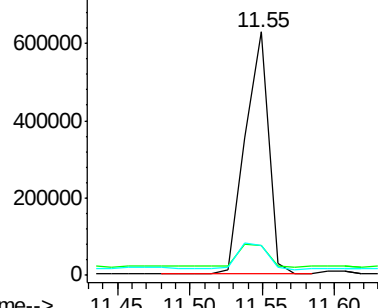
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.55 min Scan# 806
Delta R.T. -0.00 min
Lab File: BF090427.D
Acq: 6 Oct 2016 19:25

Instrument :
BNA_F
ClientSampleId :
CHA-STA-1698-D(0-2)

Tgt Ion:188 Resp: 697201
Ion Ratio Lower Upper
188 100
94 12.1 8.2 12.2
80 12.1 8.8 13.2

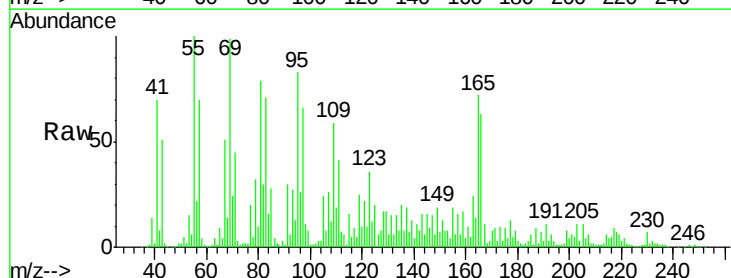


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

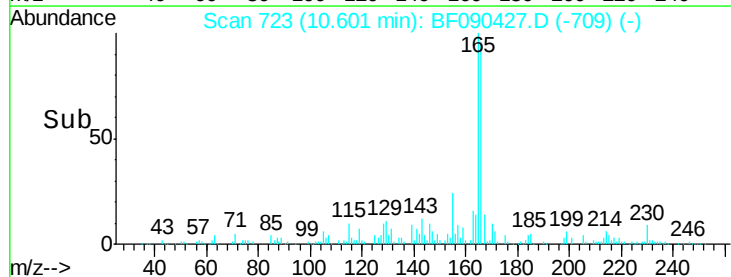
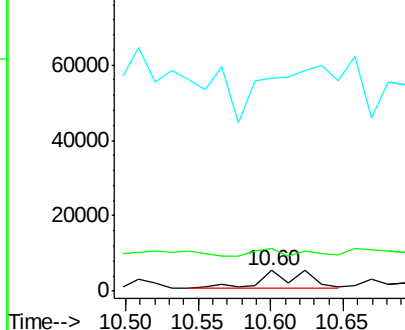


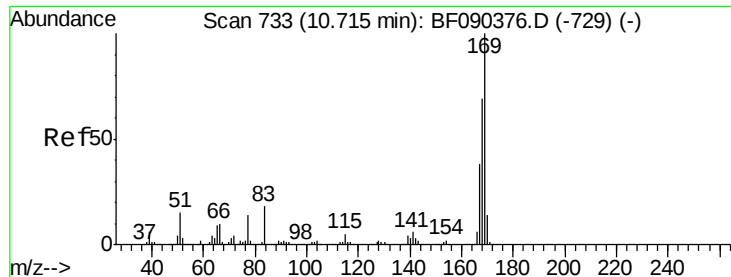
#64
4,6-Dinitro-2-methylphenol
Concen: 7.36 ng
RT: 10.60 min Scan# 723
Delta R.T. -0.05 min
Lab File: BF090427.D
Acq: 6 Oct 2016 19:25

Tgt Ion:198 Resp: 10187
Ion Ratio Lower Upper
198 100
51 208.4 67.3 107.3#
105 1023.6 42.6 82.6#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 5.42 ng

RT: 10.71 min Scan# 733

Delta R.T. -0.00 min

Lab File: BF090427.D

Acq: 6 Oct 2016 19:25

Instrument :

BNA_F

ClientSampleId :

CHA-STA-1698-D(0-2)

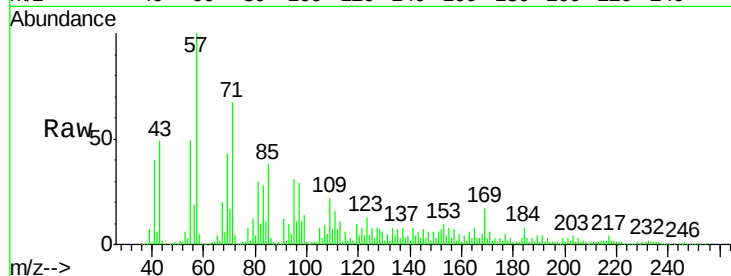
Tgt Ion:169 Resp: 126519

Ion Ratio Lower Upper

169 100

168 31.7 53.8 80.6#

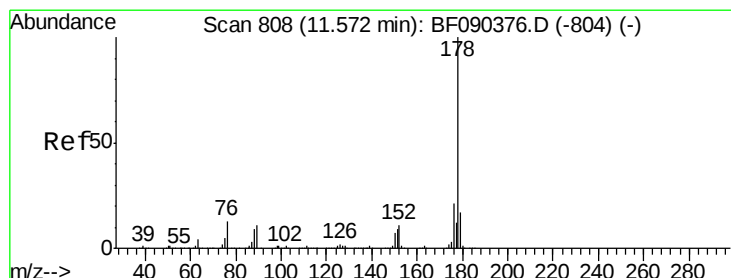
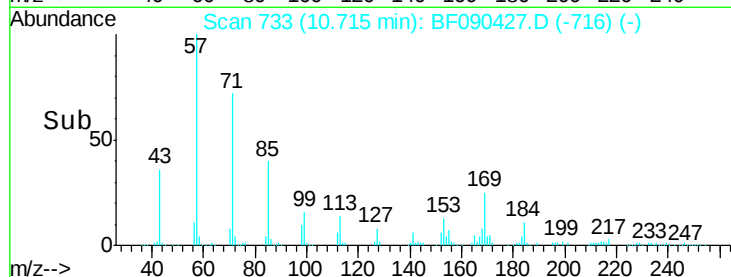
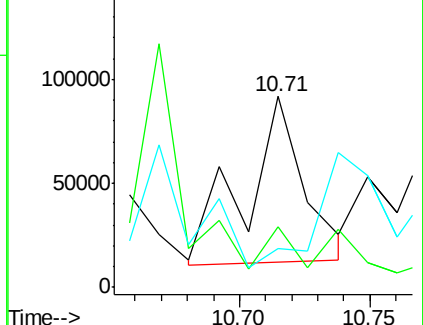
167 20.7 29.8 44.8#



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#70

Phenanthrene

Concen: 61.76 ng

RT: 11.57 min Scan# 808

Delta R.T. -0.00 min

Lab File: BF090427.D

Acq: 6 Oct 2016 19:25

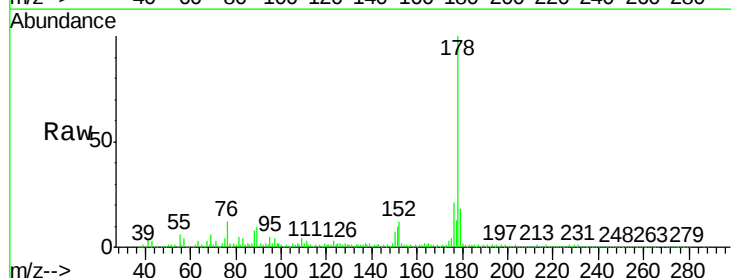
Tgt Ion:178 Resp: 2204930

Ion Ratio Lower Upper

178 100

176 21.3 17.3 25.9

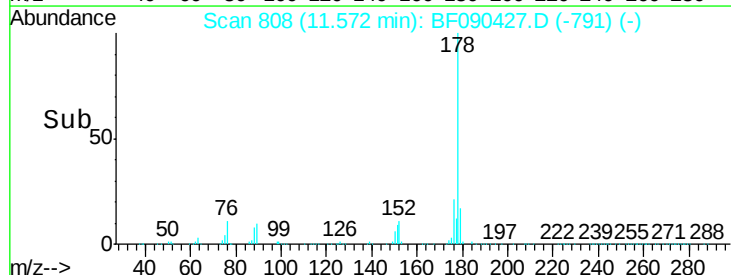
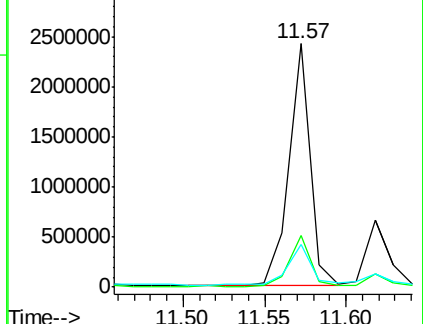
179 17.7 13.8 20.6

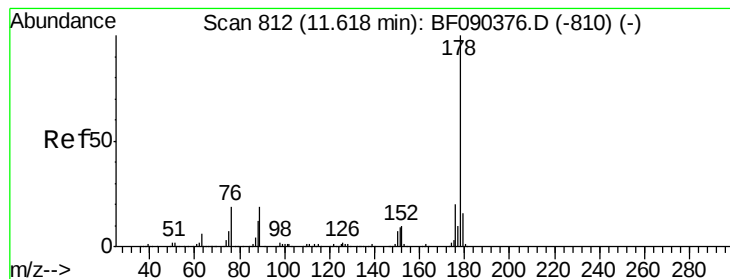


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 17.29 ng

RT: 11.62 min Scan# 812

Delta R.T. -0.00 min

Lab File: BF090427.D

Acq: 6 Oct 2016 19:25

Instrument :

BNA_F

ClientSampleId :

CHA-STA-1698-D(0-2)

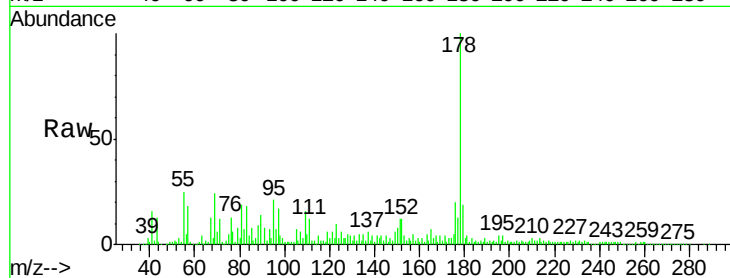
Tgt Ion:178 Resp: 630522

Ion Ratio Lower Upper

178 100

176 19.7 16.8 25.2

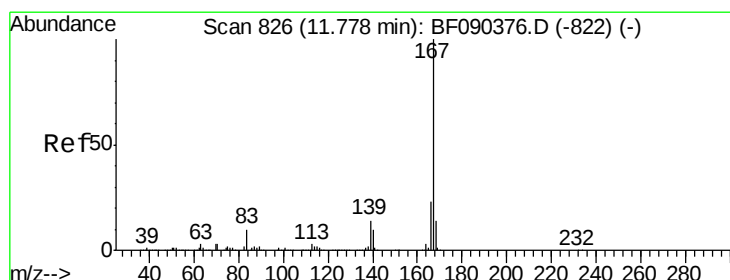
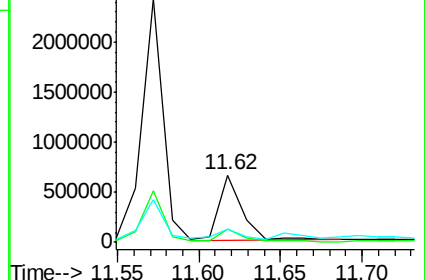
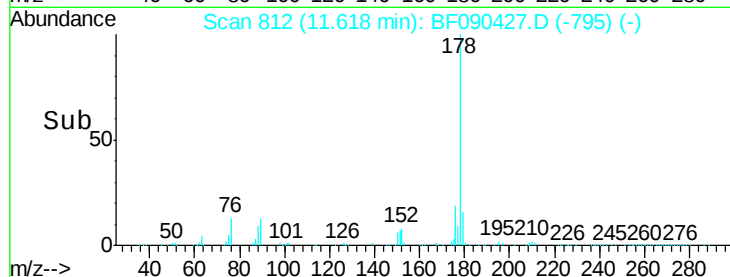
179 19.2 13.4 20.2



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



#72

Carbazole

Concen: 3.74 ng

RT: 11.77 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF090427.D

Acq: 6 Oct 2016 19:25

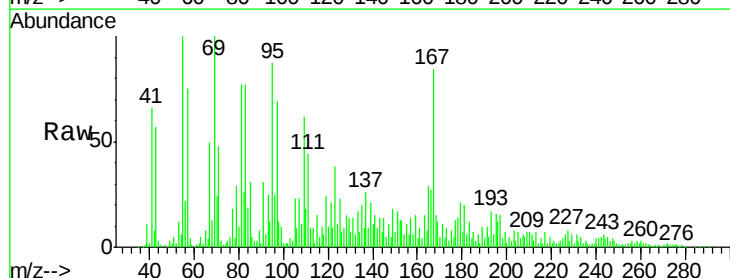
Tgt Ion:167 Resp: 126622

Ion Ratio Lower Upper

167 100

166 31.6 19.1 28.7#

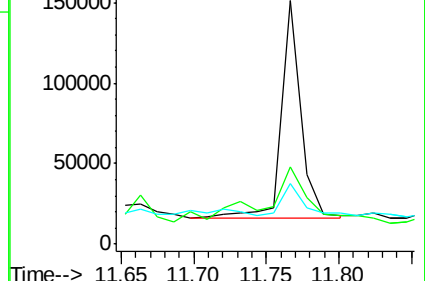
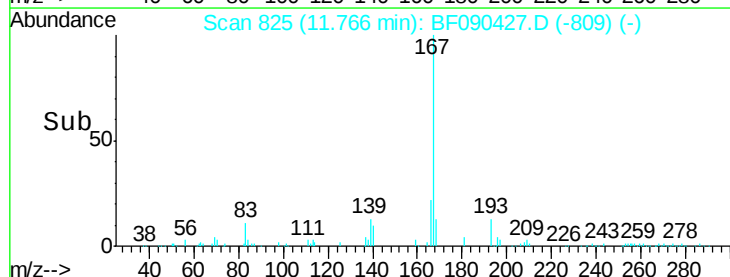
139 24.7 12.1 18.1#

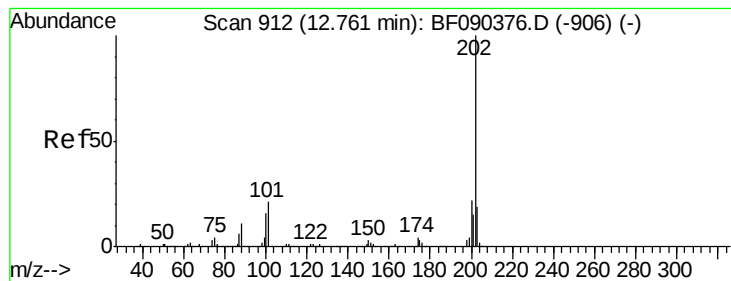


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 92.58 ng

RT: 12.76 min Scan# 912

Delta R.T. -0.00 min

Lab File: BF090427.D

Acq: 6 Oct 2016 19:25

Instrument :

BNA_F

ClientSampleId :

CHA-STA-1698-D(0-2)

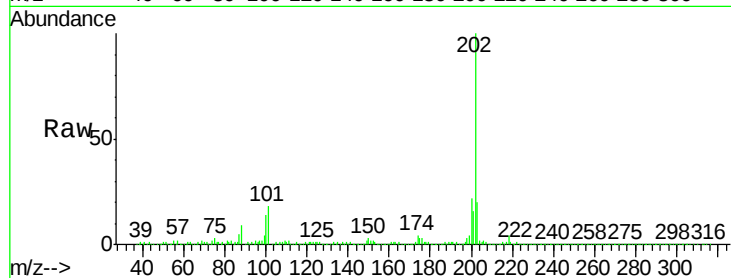
Tgt Ion:202 Resp: 3241913

Ion Ratio Lower Upper

202 100

101 18.1 0.0 37.2

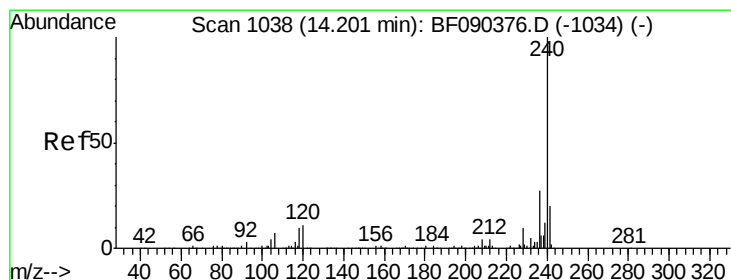
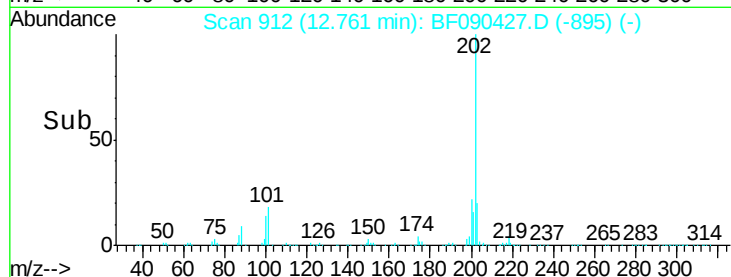
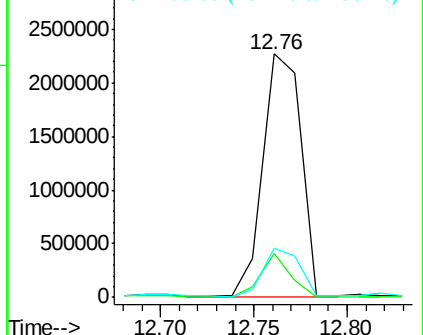
203 19.9 0.0 39.3



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF090427.D

Acq: 6 Oct 2016 19:25

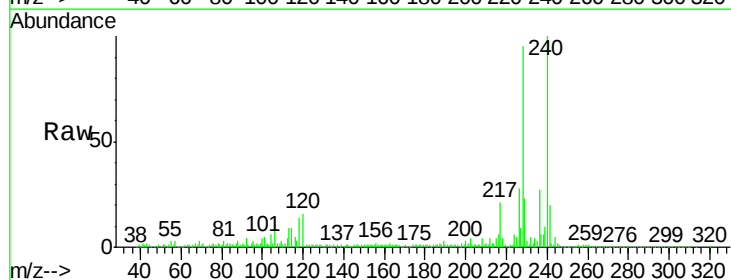
Tgt Ion:240 Resp: 422736

Ion Ratio Lower Upper

240 100

120 16.1 8.6 13.0#

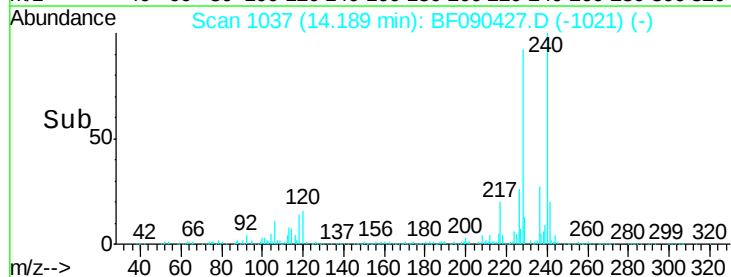
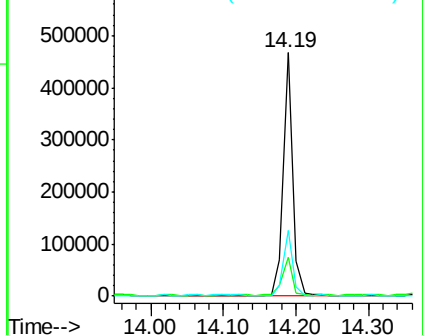
236 27.1 21.6 32.4

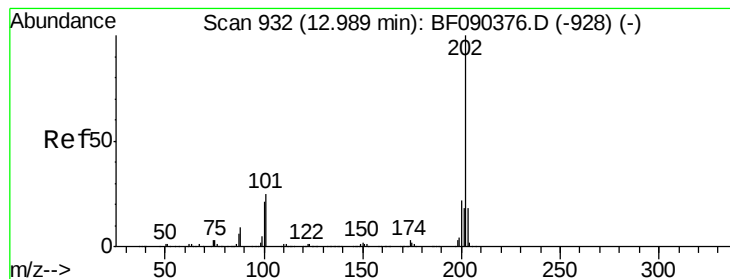


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 129.37 ng

RT: 13.00 min Scan# 933

Delta R.T. 0.01 min

Lab File: BF090427.D

Acq: 6 Oct 2016 19:25

Instrument :

BNA_F

ClientSampleId :

CHA-STA-1698-D(0-2)

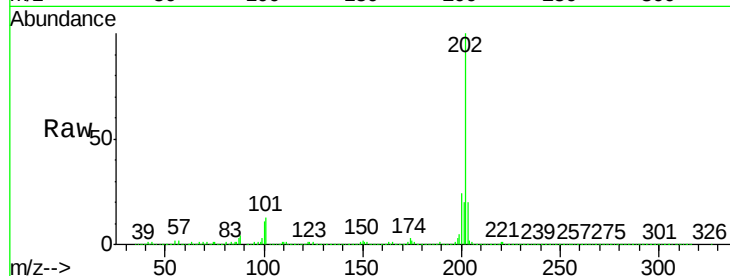
Tgt Ion:202 Resp: 3646742

Ion Ratio Lower Upper

202 100

200 23.9 18.5 27.7

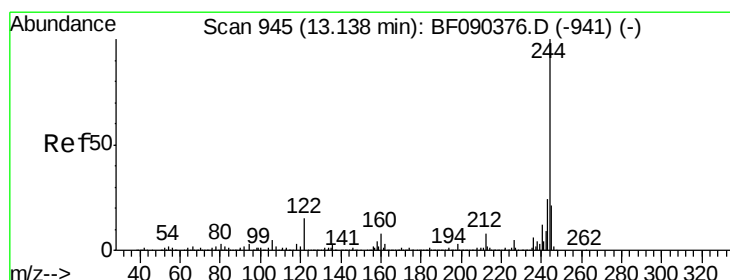
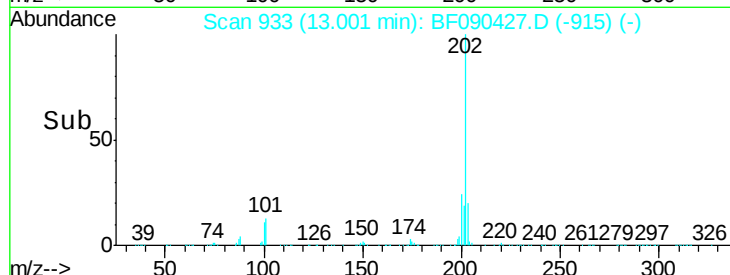
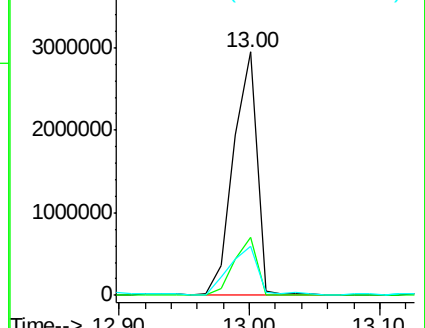
203 20.2 15.0 22.6



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



#78

Terphenyl-d14

Concen: 83.58 ng

RT: 13.13 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF090427.D

Acq: 6 Oct 2016 19:25

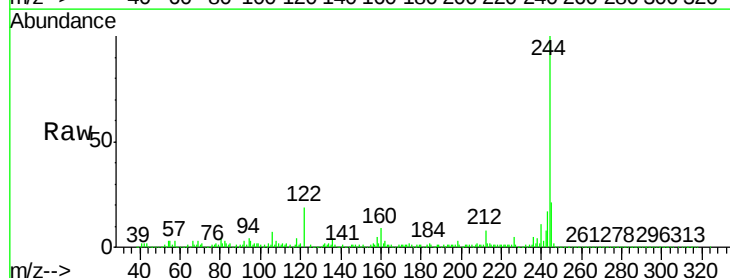
Tgt Ion:244 Resp: 1571601

Ion Ratio Lower Upper

244 100

212 7.7 6.8 10.2

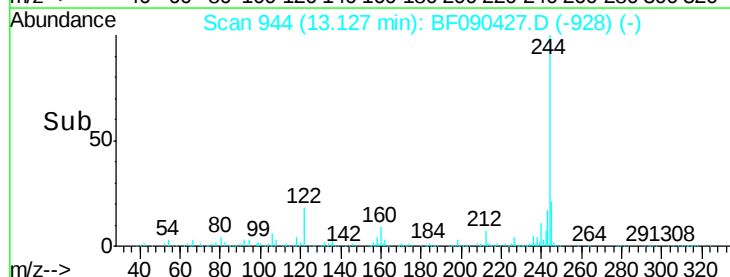
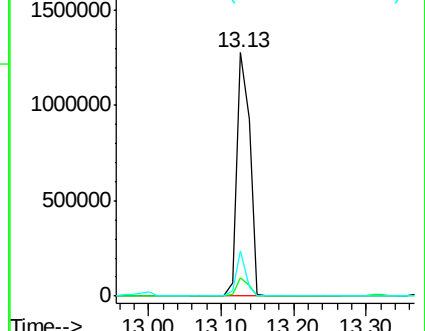
122 18.8 13.3 19.9

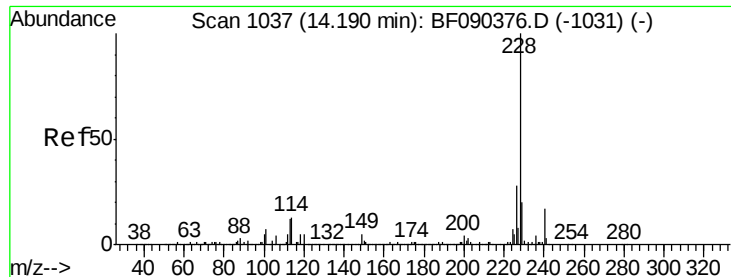


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 71.80 ng

RT: 14.18 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF090427.D

Acq: 6 Oct 2016 19:25

Instrument :

BNA_F

ClientSampleId :

CHA-STA-1698-D(0-2)

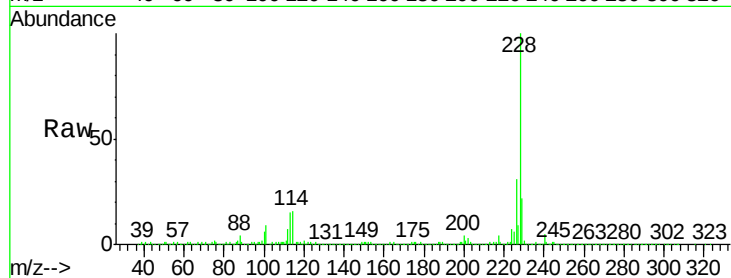
Tgt Ion:228 Resp: 1702885

Ion Ratio Lower Upper

228 100

226 30.6 23.6 35.4

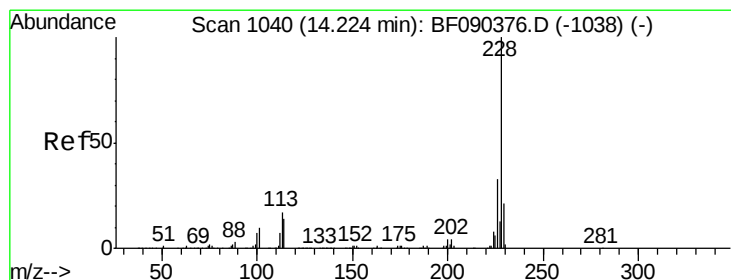
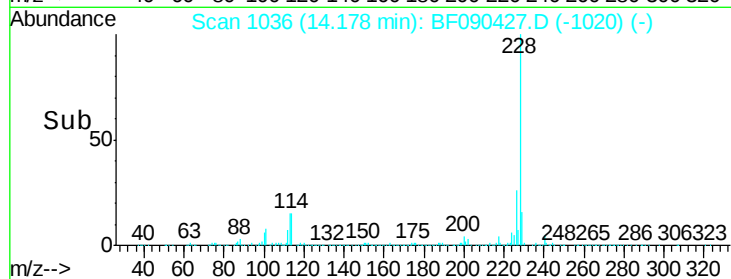
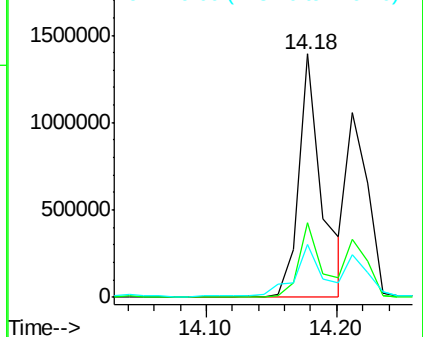
229 21.7 16.6 25.0



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



#82

Chrysene

Concen: 54.37 ng

RT: 14.21 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF090427.D

Acq: 6 Oct 2016 19:25

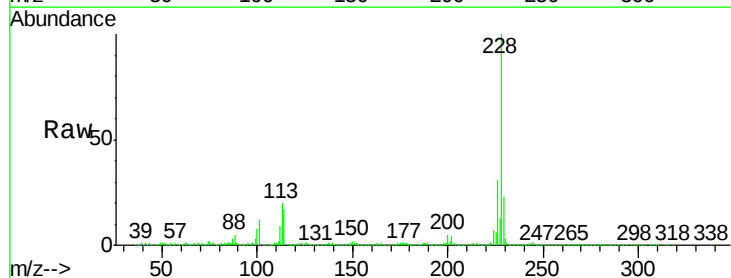
Tgt Ion:228 Resp: 1186875

Ion Ratio Lower Upper

228 100

226 31.5 25.8 38.6

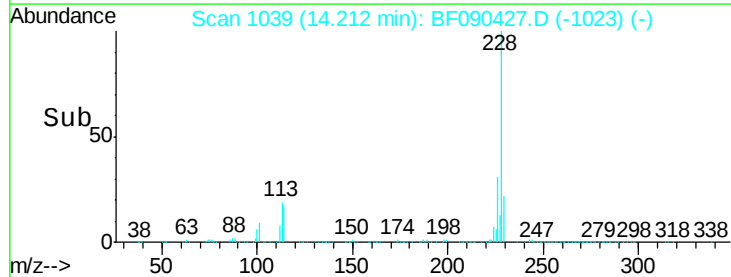
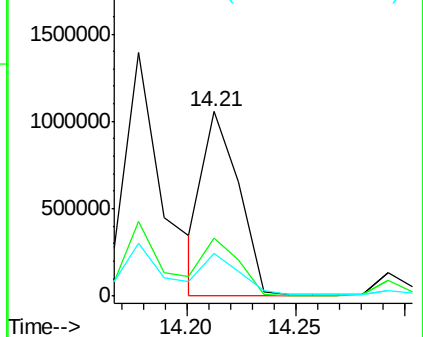
229 23.1 16.9 25.3

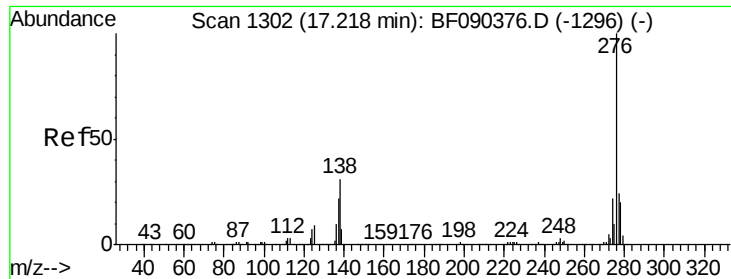


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

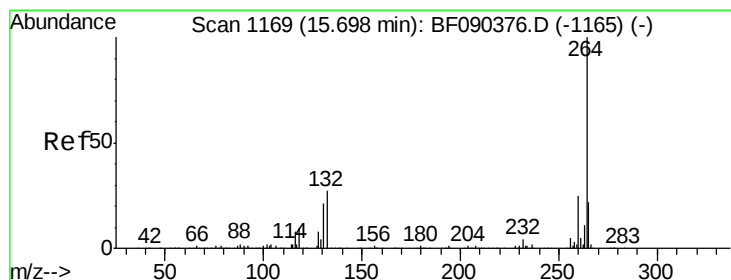
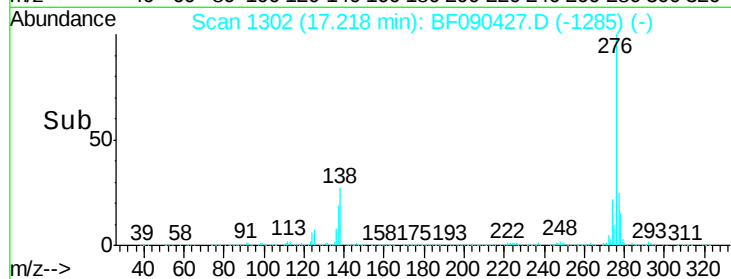
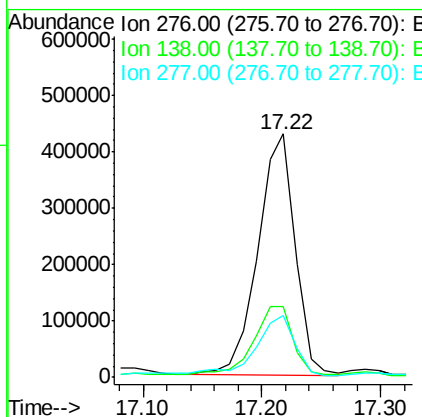
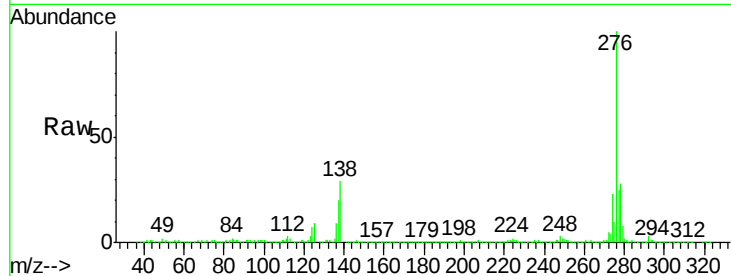




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 59.94 ng
 RT: 17.22 min Scan# 1302
 Delta R.T. -0.00 min
 Lab File: BF090427.D
 Acq: 6 Oct 2016 19:25

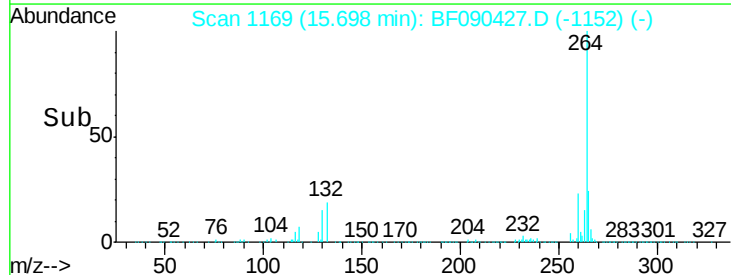
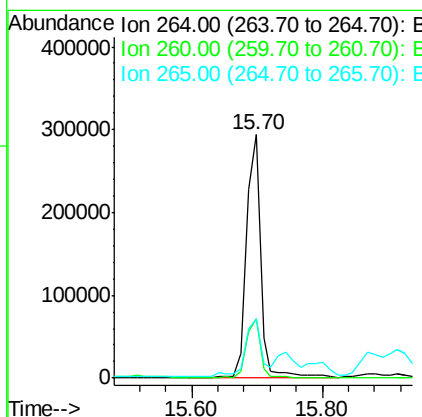
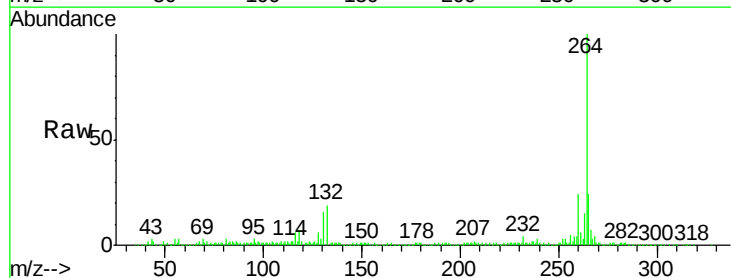
Instrument :
 BNA_F
 ClientSampleId :
 CHA-STA-1698-D(0-2)

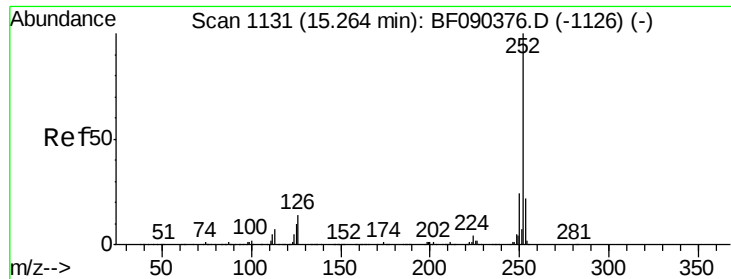
Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.8	23.8	35.8
277	26.1	20.4	30.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.70 min Scan# 1169
 Delta R.T. -0.00 min
 Lab File: BF090427.D
 Acq: 6 Oct 2016 19:25

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.3	28.9
265	24.1	17.4	26.0

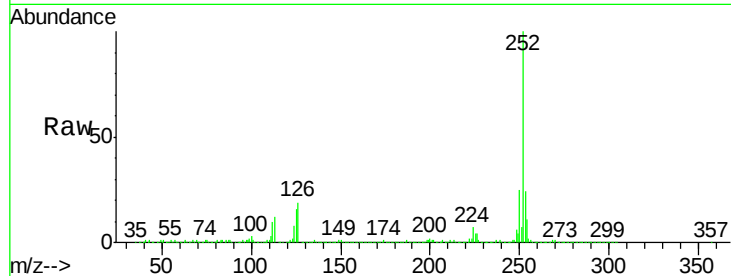




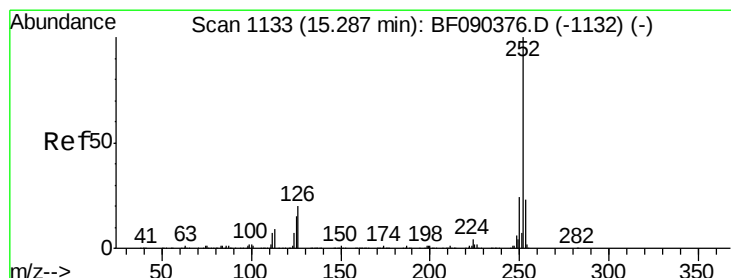
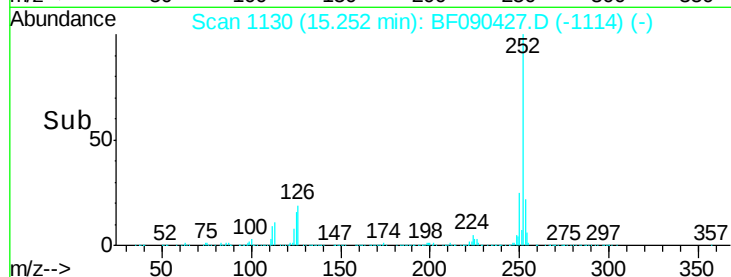
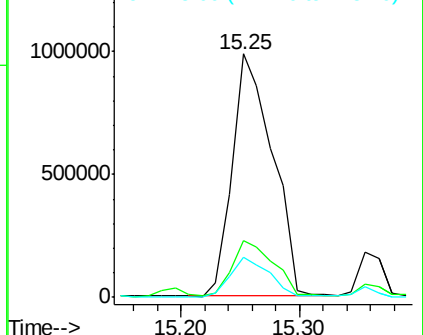
#87
Benzo(b)fluoranthene
Concen: 83.30 ng
RT: 15.25 min Scan# 1130
Delta R.T. -0.01 min
Lab File: BF090427.D
Acq: 6 Oct 2016 19:25

Instrument :
BNA_F
ClientSampleId :
CHA-STA-1698-D(0-2)

Tgt Ion:252 Resp: 2336769
Ion Ratio Lower Upper
252 100
253 23.5 18.2 27.2
125 16.4 7.0 10.4#

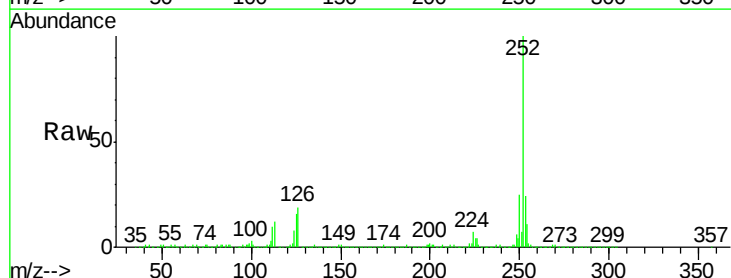


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

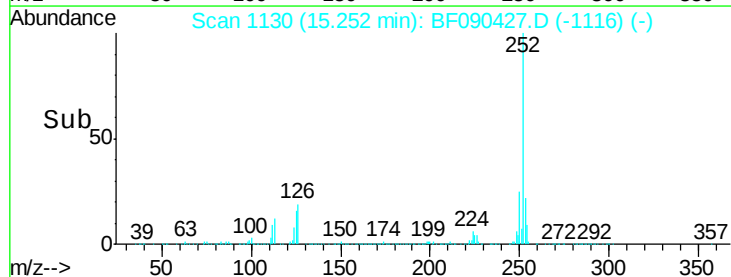
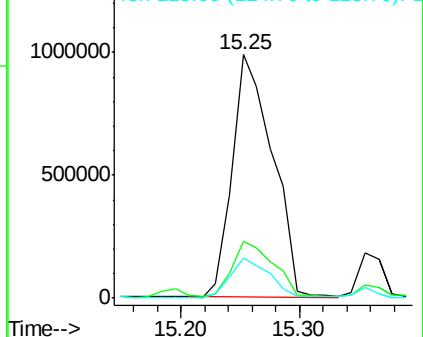


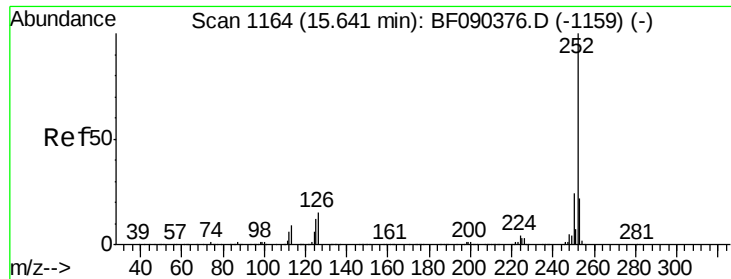
#88
Benzo(k)fluoranthene
Concen: 88.72 ng
RT: 15.25 min Scan# 1130
Delta R.T. -0.03 min
Lab File: BF090427.D
Acq: 6 Oct 2016 19:25

Tgt Ion:252 Resp: 2337792
Ion Ratio Lower Upper
252 100
253 23.5 18.6 27.8
125 16.4 11.7 17.5



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





#89

Benzo(a)pyrene

Concen: 59.36 ng

RT: 15.63 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BF090427.D

Acq: 6 Oct 2016 19:25

Instrument :

BNA_F

ClientSampleId :

CHA-STA-1698-D(0-2)

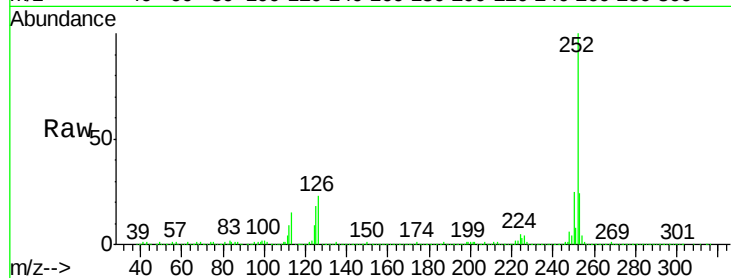
Tgt Ion:252 Resp: 1435182

Ion Ratio Lower Upper

252 100

253 24.1 18.2 27.4

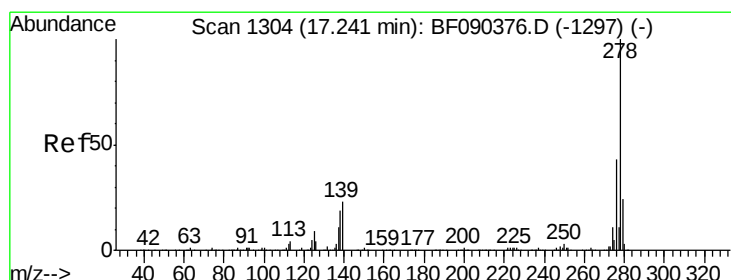
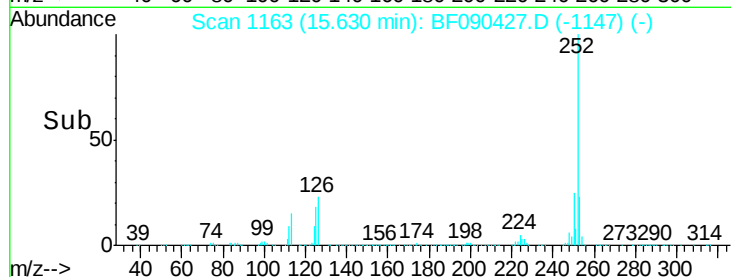
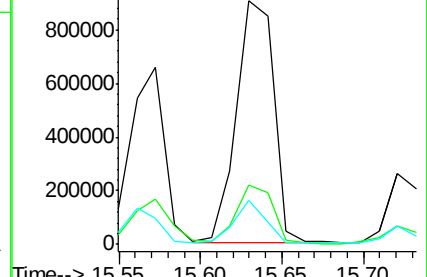
125 18.1 9.8 14.8#



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



#90

Dibenzo(a,h)anthracene

Concen: 11.23 ng

RT: 17.22 min Scan# 1302

Delta R.T. -0.02 min

Lab File: BF090427.D

Acq: 6 Oct 2016 19:25

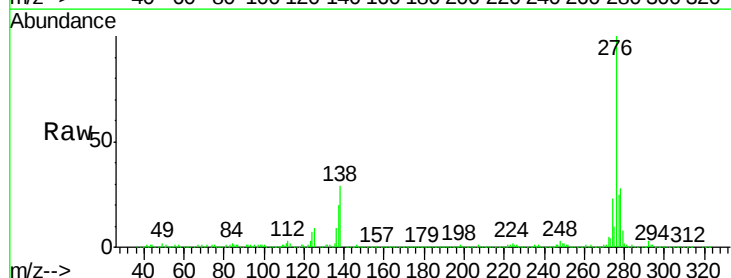
Tgt Ion:278 Resp: 231017

Ion Ratio Lower Upper

278 100

139 0.0 12.8 19.2#

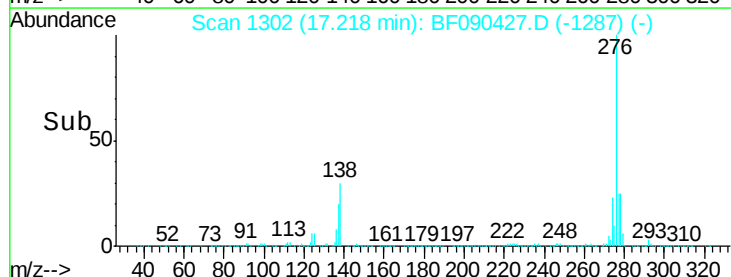
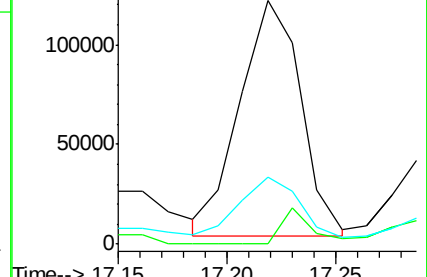
279 27.3 19.6 29.4

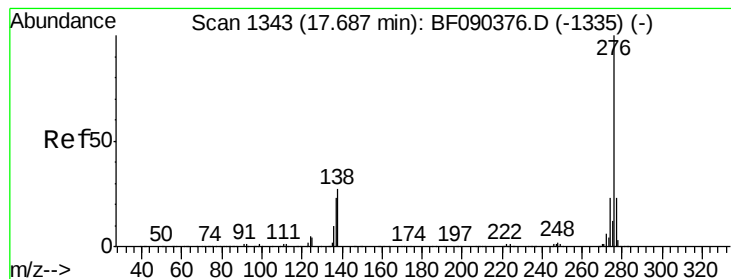


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 47.20 ng

RT: 17.68 min Scan# 1342

Delta R.T. -0.01 min

Lab File: BF090427.D

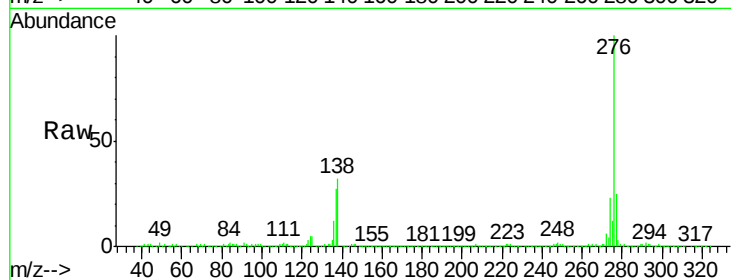
Acq: 6 Oct 2016 19:25

Instrument :

BNA_F

ClientSampleId :

CHA-STA-1698-D(0-2)



Tgt Ion: 276 Resp: 931691

Ion Ratio Lower Upper

276 100

277 24.6 19.4 29.0

138 31.8 20.8 31.2#

