

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050117\
 Data File : BF094780.D
 Acq On : 2 May 2017 5:57
 Operator : SJ/MA
 Sample : I2892-03
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 02 06:49:49 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.76	152	98790	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	367927	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	140930	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	198531	20.00	ng	0.00
75) Chrysene-d12	14.49	240	152697	20.00	ng	0.03
86) Perylene-d12	16.14	264	110201	20.00	ng	0.06

System Monitoring Compounds						
5) 2-Fluorophenol	4.32	112	907256	152.36	ng	0.02
7) Phenol-d6	5.40	99	1062603	151.37	ng	0.00
23) Nitrobenzene-d5	6.42	82	626218	105.10	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	159089	144.32	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1076295	112.37	ng	0.00
78) Terphenyl-d14	13.21	244	676064	118.34	ng	0.00

Target Compounds						Qvalue
9) Benzaldehyde	5.24	77	12237	2.29	ng	# 1
10) Phenol	5.41	94	30410	3.53	ng	81
15) Benzyl Alcohol	5.94	79	13287	2.55	ng	# 40
18) Hexachloroethane	6.33	117	12543	4.84	ng	# 1
19) n-Nitroso-di-n-propylamine	6.25	70	11779	2.53	ng	# 61
22) Acetophenone	6.22	105	156721	17.52	ng	# 49
24) Nitrobenzene	6.39	77	23563	3.76	ng	# 25
25) Isophorone	6.70	82	34178	3.09	ng	# 1
31) Naphthalene	7.28	128	63280	3.58	ng	98
35) Caprolactam	7.82	113	23000	14.37	ng	# 48
37) 2-Methylnaphthalene	8.12	142	34451	2.85	ng	98
49) Dimethylphthalate	9.08	163	249100	23.72	ng	99
50) 2,6-Dinitrotoluene	9.16	165	5852	2.48	ng	# 51
51) Acenaphthene	9.43	154	30865	3.61	ng	94
53) 2,4-Dinitrophenol	9.65	184	561	6.17	ng	# 1
55) 4-Nitrophenol	9.59	139	4227	2.19	ng	# 1
57) Fluorene	10.07	166	36813	3.80	ng	# 85
61) 4-Nitroaniline	9.97	138	9164	3.31	ng	94
65) n-Nitrosodiphenylamine	10.23	169	28410	4.11	ng	# 61
70) Phenanthrene	11.25	178	357997	32.02	ng	97
71) Anthracene	11.25	178	357997	30.96	ng	98
72) Carbazole	11.53	167	34372	3.17	ng	# 57
74) Fluoranthene	12.72	202	563853	48.66	ng	100
77) Pyrene	13.00	202	498519	46.73	ng	# 94
80) Benzo(a)anthracene	14.48	228	263064	29.64	ng	# 95
82) Chrysene	14.52	228	235721	29.06	ng	# 93
83) Bis(2-ethylhexyl)phthalate	14.54	149	22229	3.54	ng	# 72
85) Indeno(1,2,3-cd)pyrene	17.45	276	94549	12.25	ng	93
87) Benzo(b)fluoranthene	15.74	252	317376	47.08	ng	# 68
88) Benzo(k)fluoranthene	15.74	252	317376	49.75	ng	# 71
89) Benzo(a)pyrene	16.08	252	166357	26.53	ng	# 63
90) Dibenzo(a,h)anthracene	17.45	278	29088	5.59	ng	# 29
91) Benzo(a,h,i)perylene	17.83	276	107591	20.29	ng	94

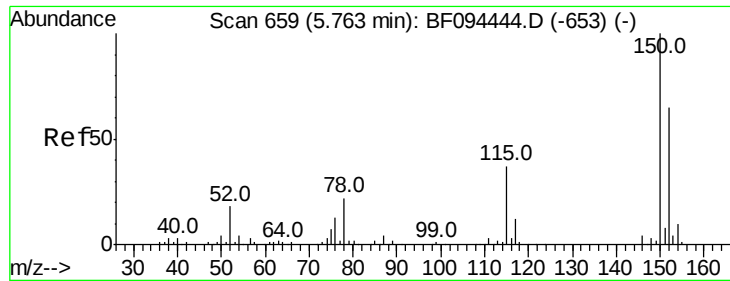
Data Path : Z:\HPCHEM1\BNA F\DATA\BF050117\
Data File : BF094780.D
Acq On : 2 May 2017 5:57
Operator : SJ/MA
Sample : I2892-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 02 06:49:49 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 17 14:59:23 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.76 min Scan# 650

Delta R.T. -0.00 min

Lab File: BF094780.D

Acq: 2 May 2017 5:57

Instrument :

BNA_F

ClientSampled :

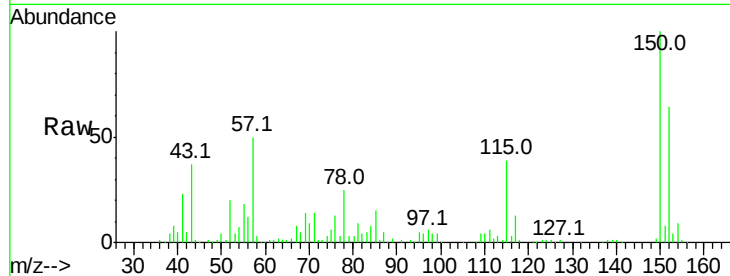
Tot Ion:152 Resp: 98790

Ion Ratio Lower Upper

152 100

150 156.4 126.2 189.2

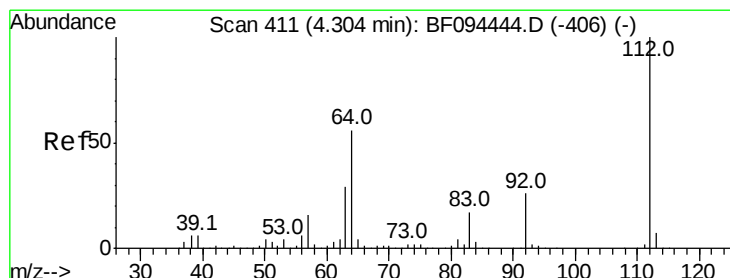
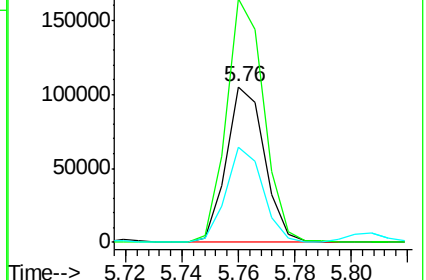
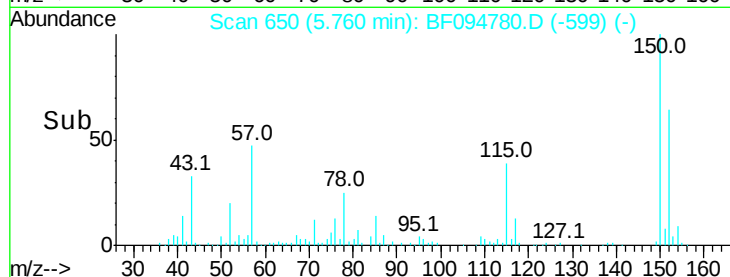
115 61.5 52.2 78.2



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: 152.36 ng

RT: 4.32 min Scan# 406

Delta R.T. 0.02 min

Lab File: BF094780.D

Acq: 2 May 2017 5:57

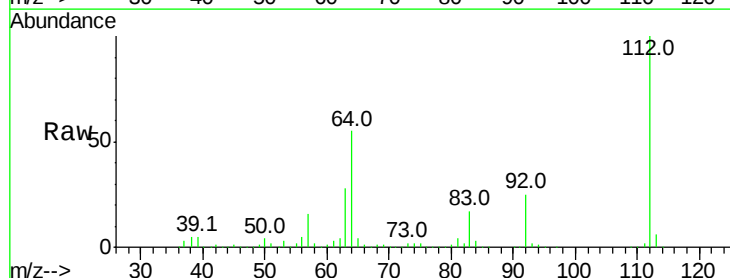
Tgt Ion:112 Resp: 907256

Ion Ratio Lower Upper

112 100

64 54.6 46.0 69.0

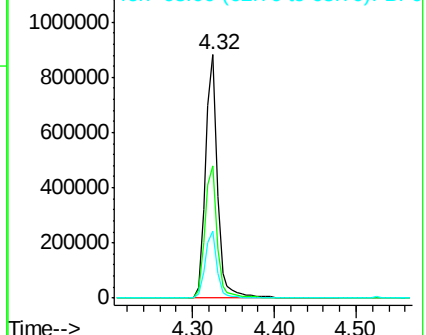
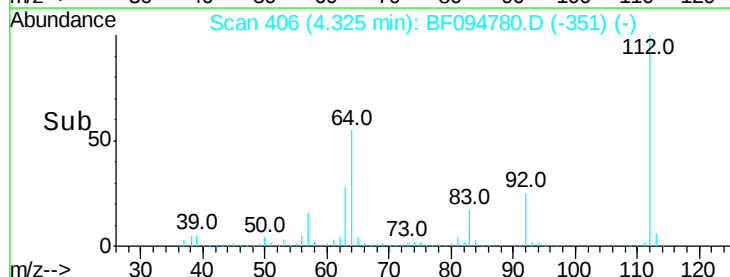
63 27.6 23.4 35.0

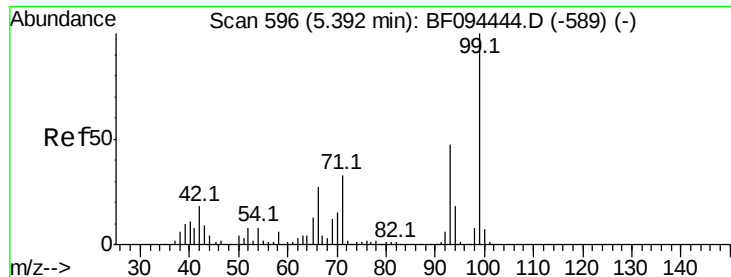


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 151.37 ng

RT: 5.40 min Scan# 589

Delta R.T. 0.01 min

Lab File: BF094780.D

Acq: 2 May 2017 5:57

Instrument :

BNA_F

ClientSampleId :

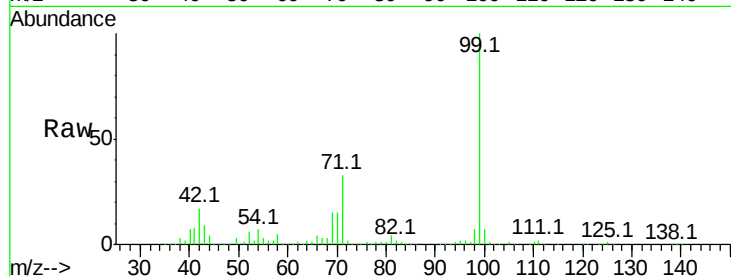
Tot Ion: 99 Resp: 1062603

Ion Ratio Lower Upper

99 100

42 16.6 13.5 20.3

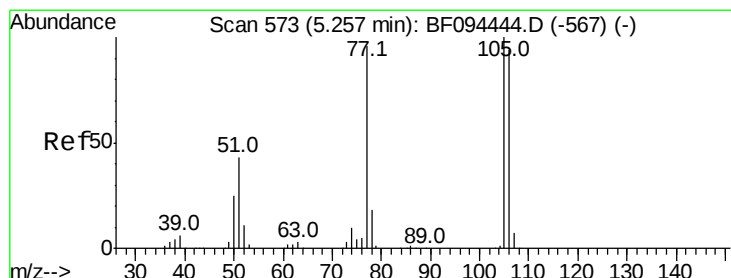
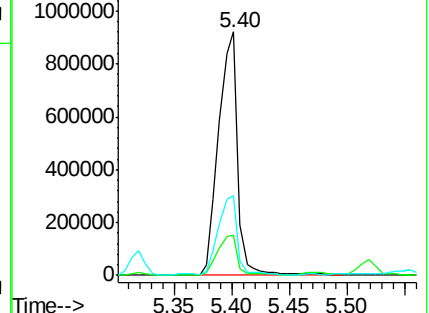
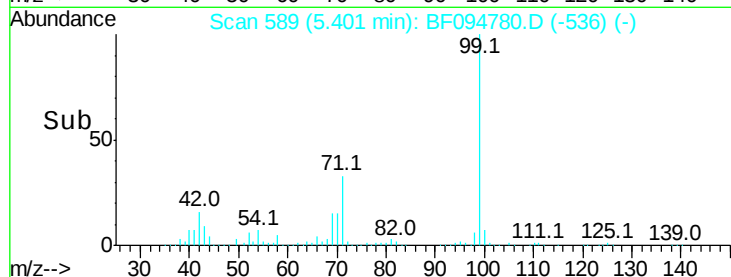
71 33.0 24.5 36.7



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



#9

Benzaldehyde

Concen: 2.29 ng

RT: 5.24 min Scan# 562

Delta R.T. -0.01 min

Lab File: BF094780.D

Acq: 2 May 2017 5:57

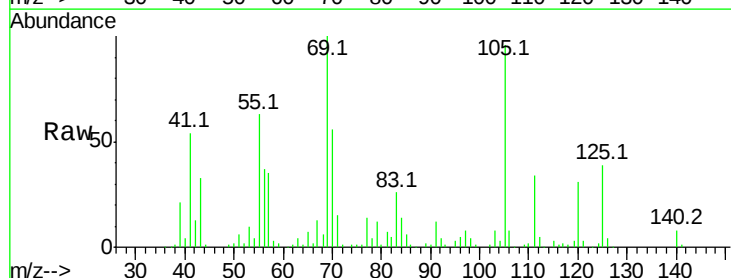
Tgt Ion: 77 Resp: 12237

Ion Ratio Lower Upper

77 100

105 711.5 83.8 123.8#

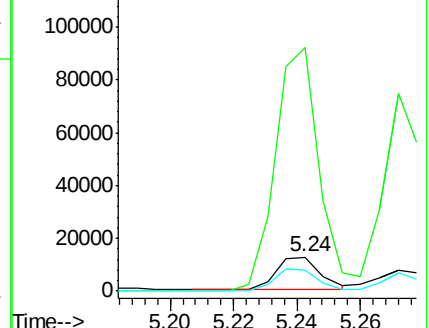
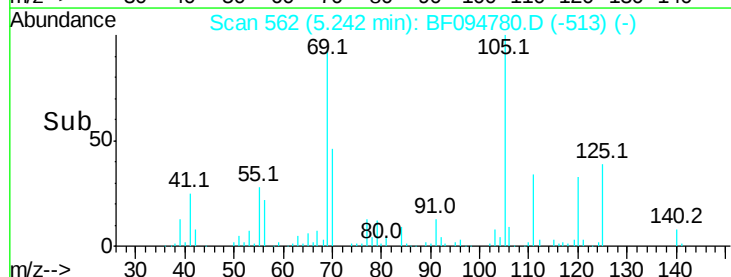
106 60.9 79.1 119.1#

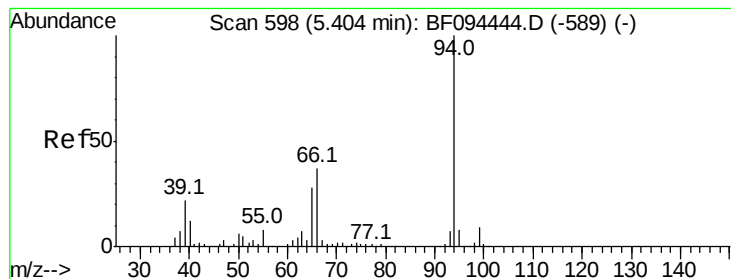


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 3.53 ng

RT: 5.41 min Scan# 590

Delta R.T. 0.00 min

Lab File: BF094780.D

Acq: 2 May 2017 5:57

Instrument :

BNA_F

ClientSampled :

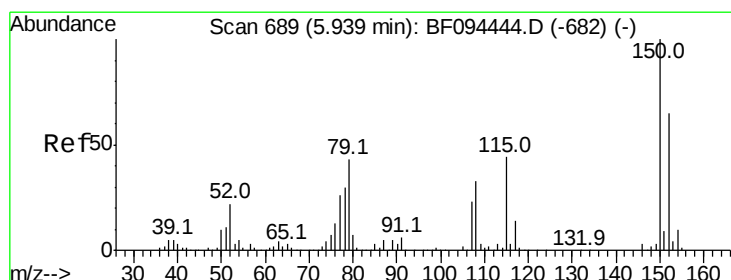
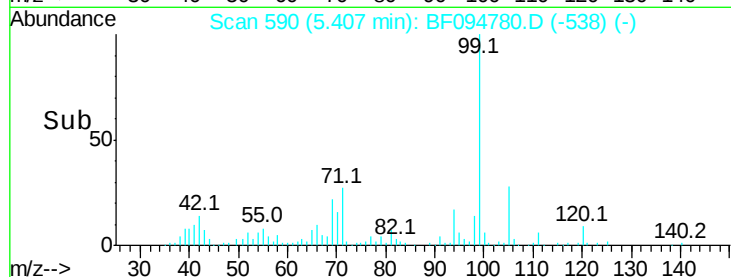
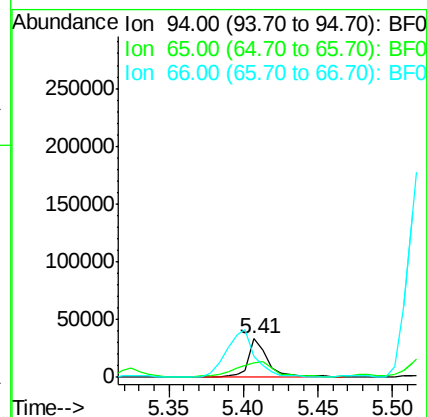
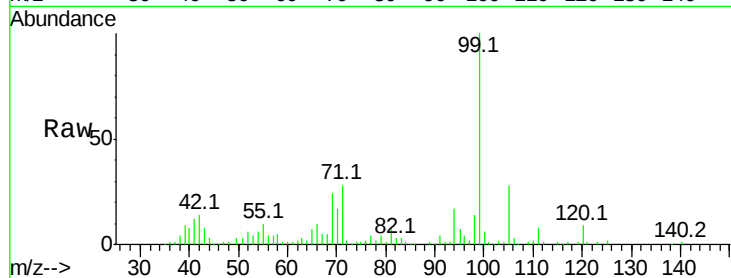
Tot Ion: 94 Resp: 30410

Ion Ratio Lower Upper

94 100

65 38.7 9.9 49.9

66 56.0 23.1 63.1



#15

Benzyl Alcohol

Concen: 2.55 ng

RT: 5.94 min Scan# 681

Delta R.T. 0.00 min

Lab File: BF094780.D

Acq: 2 May 2017 5:57

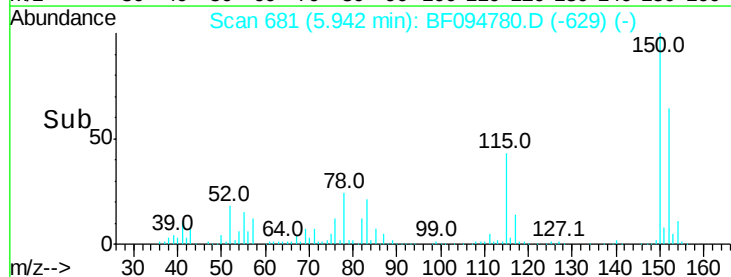
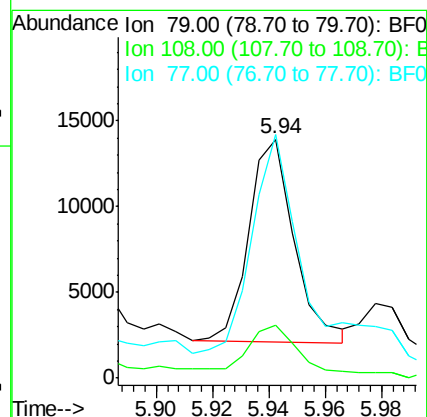
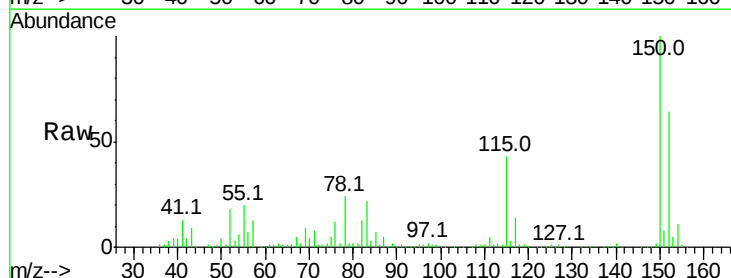
Tgt Ion: 79 Resp: 13287

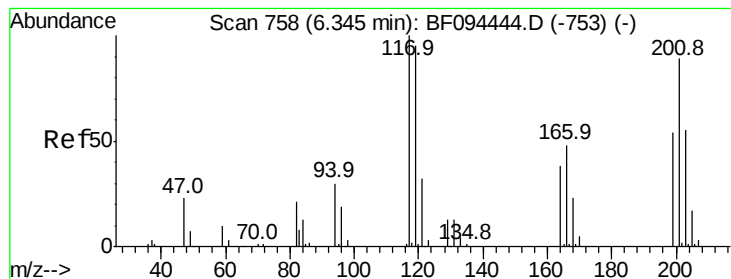
Ion Ratio Lower Upper

79 100

108 22.3 63.4 95.0#

77 101.9 49.2 73.8#





#18

Hexachloroethane

Concen: 4.84 ng

RT: 6.33 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF094780.D

Acq: 2 May 2017 5:57

Instrument :

BNA_F

ClientSampleId :

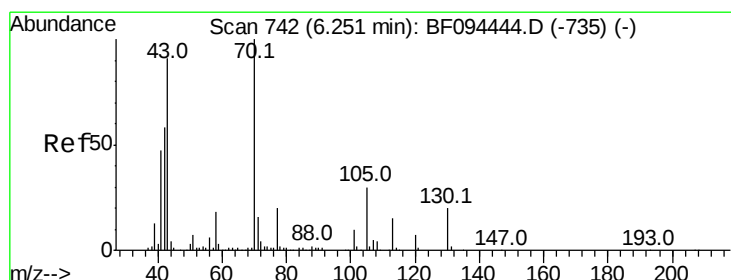
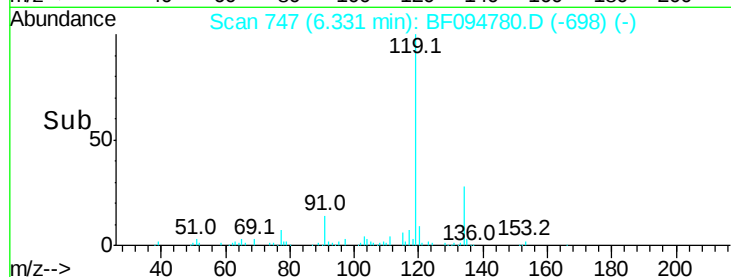
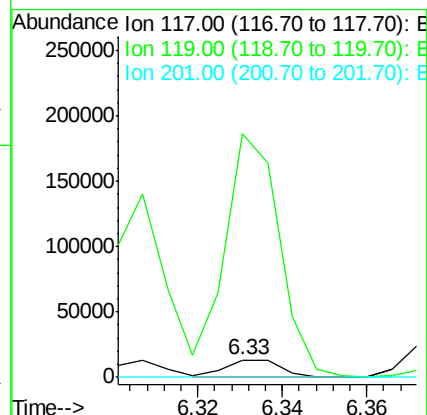
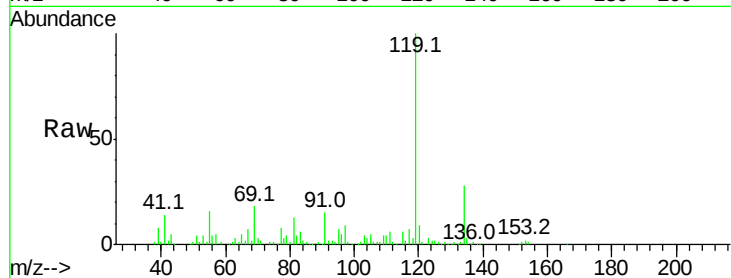
Tot Ion:117 Resp: 12543

Ion Ratio Lower Upper

117 100

119 1381.2 77.4 116.0#

201 0.0 94.6 141.8#



#19

n-Nitroso-di-n-propylamine

Concen: 2.53 ng

RT: 6.25 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF094780.D

Acq: 2 May 2017 5:57

Tgt Ion: 70 Resp: 11779

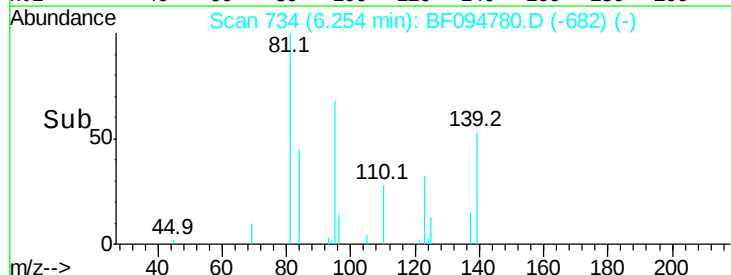
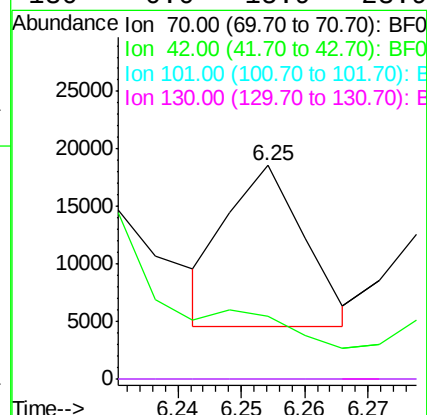
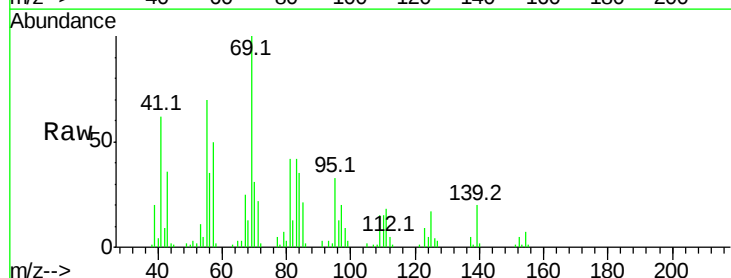
Ion Ratio Lower Upper

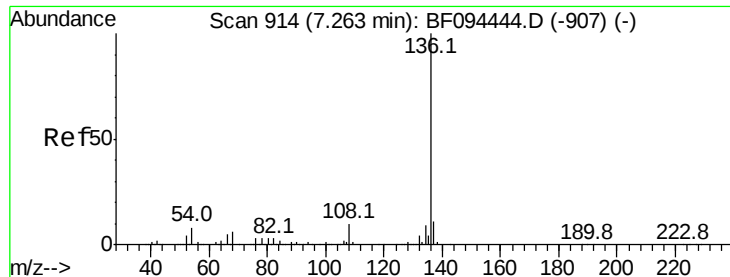
70 100

42 29.5 47.2 70.8#

101 0.0 7.2 10.8#

130 0.0 15.9 23.9#

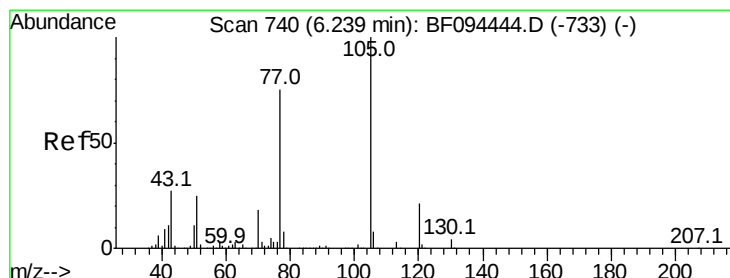
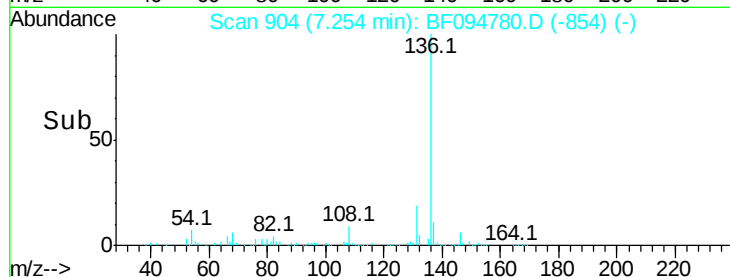
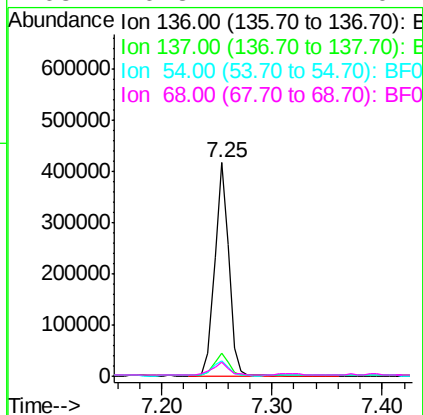
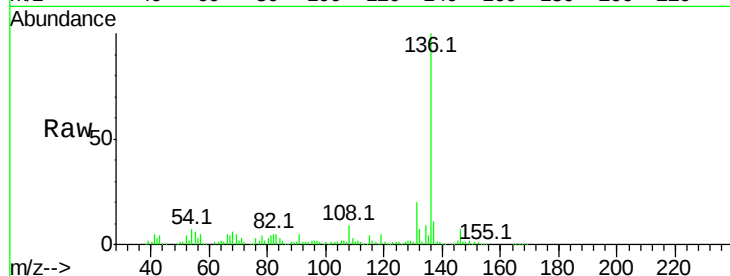




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.25 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF094780.D
Acq: 2 May 2017 5:57

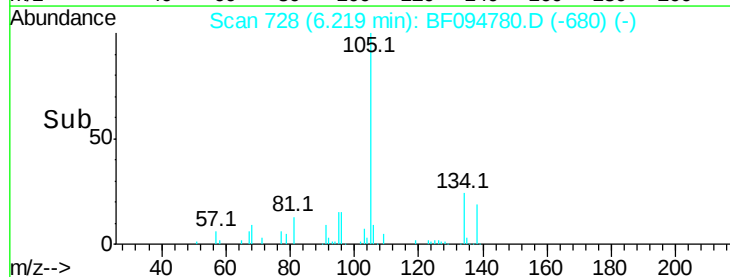
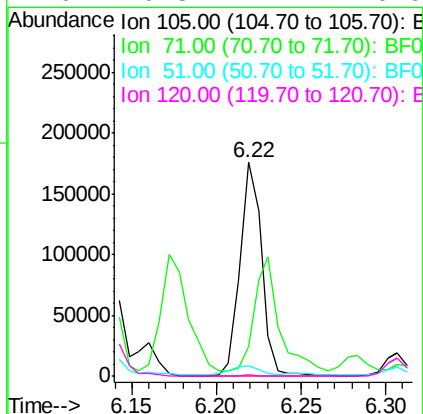
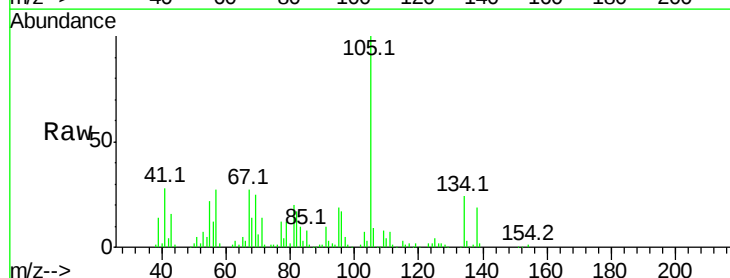
Instrument :
BNA_F
ClientSampleId :

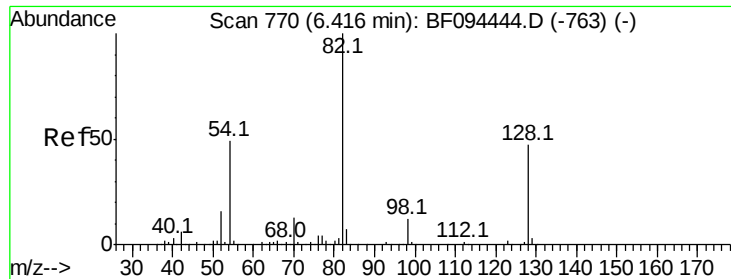
Tot Ion:136	Resp:	367927
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.5 12.7
54	7.3	4.9 7.3#
68	6.3	4.1 6.1#



#22
Acetophenone
Concen: 17.52 ng
RT: 6.22 min Scan# 728
Delta R.T. -0.02 min
Lab File: BF094780.D
Acq: 2 May 2017 5:57

Tgt Ion:105	Resp:	156721
Ion Ratio	Lower	Upper
105	100	
71	13.9	2.8 4.2#
51	4.6	30.7 46.1#
120	0.3	17.4 26.0#

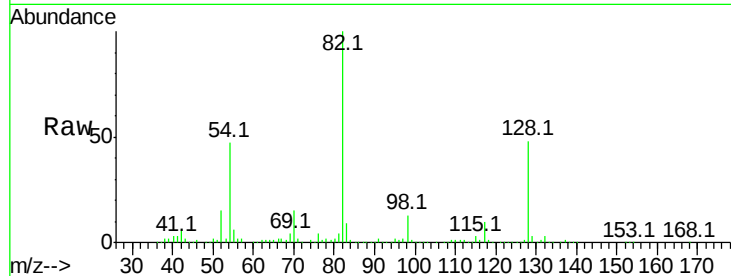




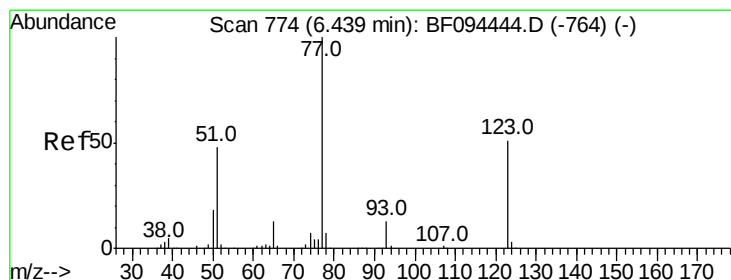
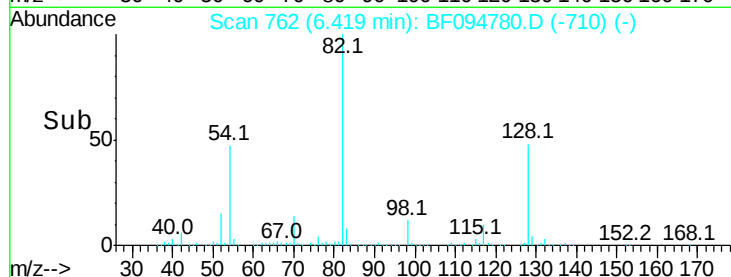
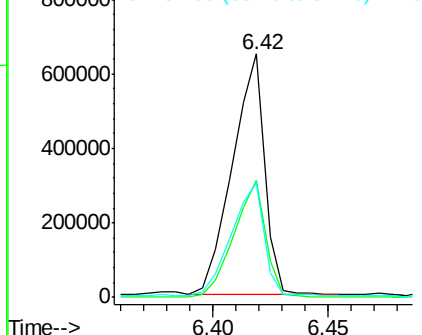
#23
 Nitrobenzene-d5
 Concen: 105.10 ng
 RT: 6.42 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF094780.D
 Acq: 2 May 2017 5:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 626218
 Ion Ratio Lower Upper
 82 100
 128 48.0 34.0 51.0
 54 46.8 42.2 63.2

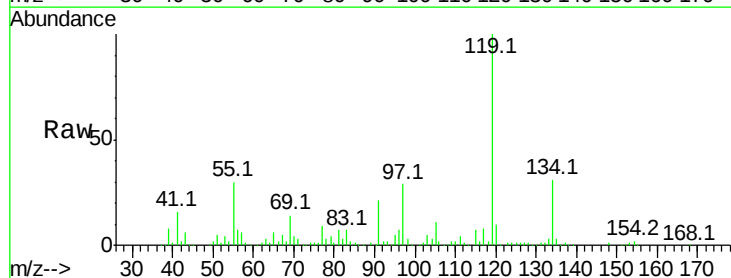


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

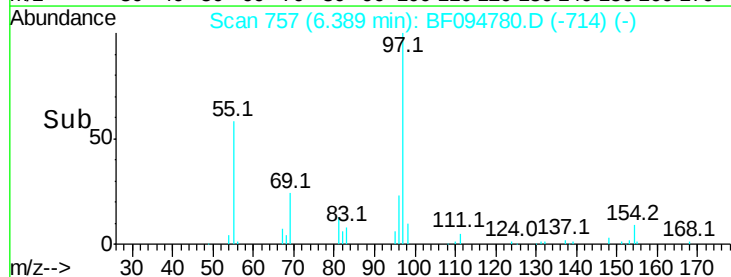
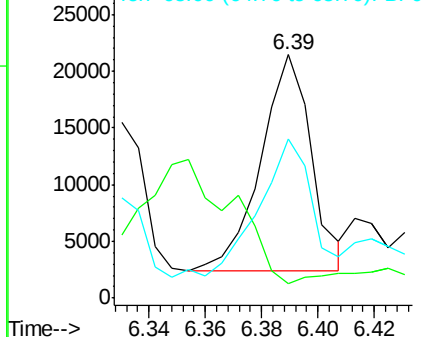


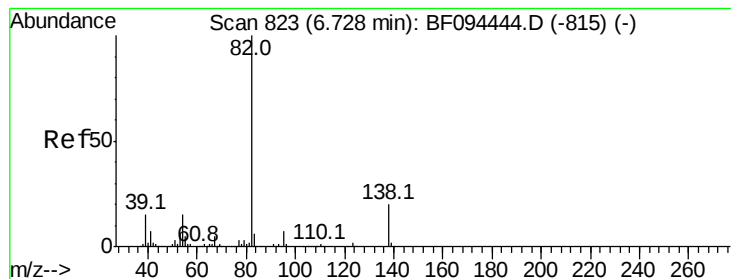
#24
 Nitrobenzene
 Concen: 3.76 ng
 RT: 6.39 min Scan# 757
 Delta R.T. -0.05 min
 Lab File: BF094780.D
 Acq: 2 May 2017 5:57

Tgt Ion: 77 Resp: 23563
 Ion Ratio Lower Upper
 77 100
 123 6.2 35.8 53.8#
 65 65.1 10.6 15.8#



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): BF0
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 3.09 ng

RT: 6.70 min Scan# 809

Delta R.T. -0.03 min

Lab File: BF094780.D

Acq: 2 May 2017 5:57

Instrument :

BNA_F

ClientSampled :

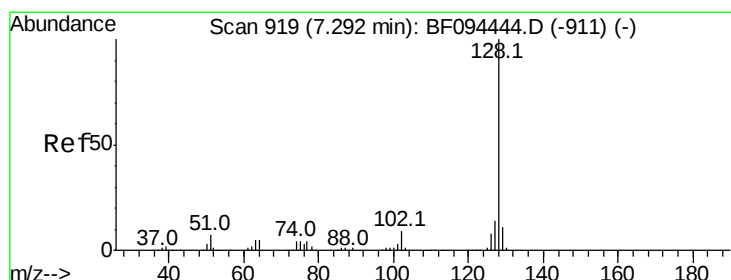
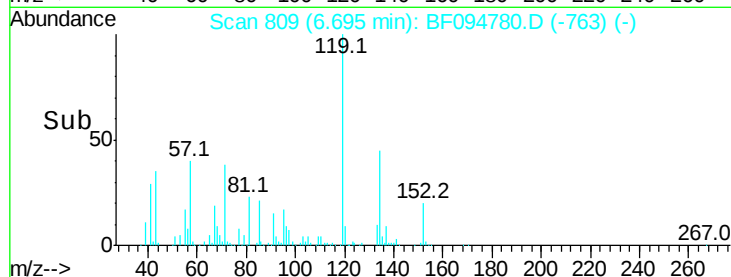
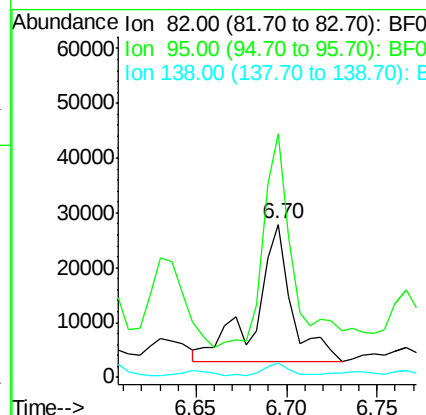
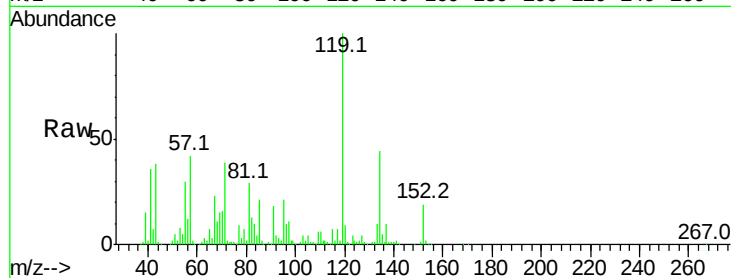
Tot Ion: 82 Resp: 34178

Ion Ratio Lower Upper

82 100

95 159.4 5.3 7.9#

138 9.8 13.1 19.7#



#31

Naphthalene

Concen: 3.58 ng

RT: 7.28 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF094780.D

Acq: 2 May 2017 5:57

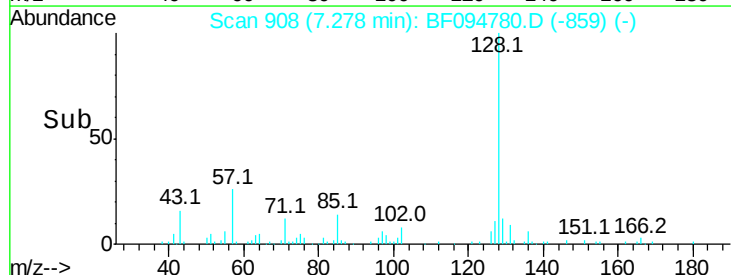
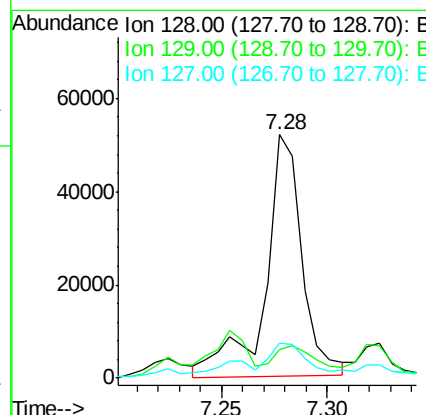
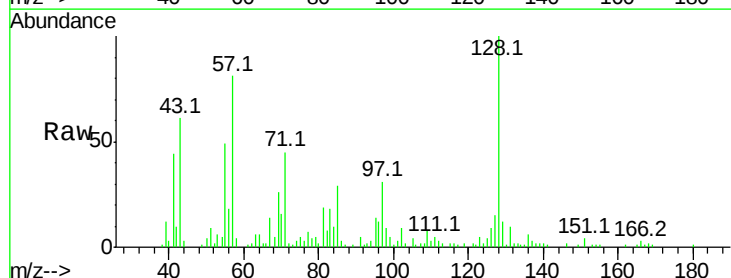
Tgt Ion: 128 Resp: 63280

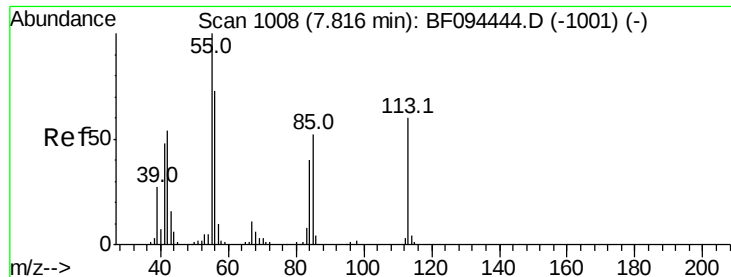
Ion Ratio Lower Upper

128 100

129 11.9 9.0 13.6

127 14.6 10.8 16.2





#35

Caprolactam

Concen: 14.37 ng

RT: 7.82 min Scan# 1000

Delta R.T. 0.00 min

Lab File: BF094780.D

Acq: 2 May 2017 5:57

Instrument :

BNA_F

ClientSampleId :

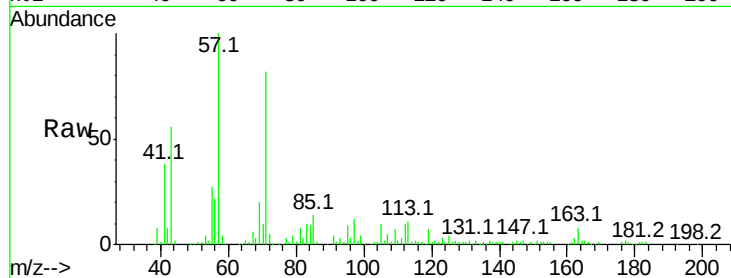
Tot Ion:113 Resp: 23000

Ion Ratio Lower Upper

113 100

55 234.9 150.2 190.2#

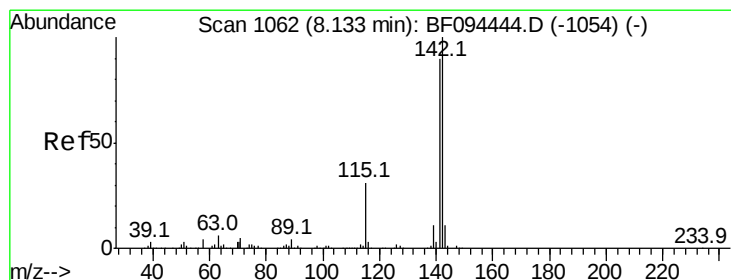
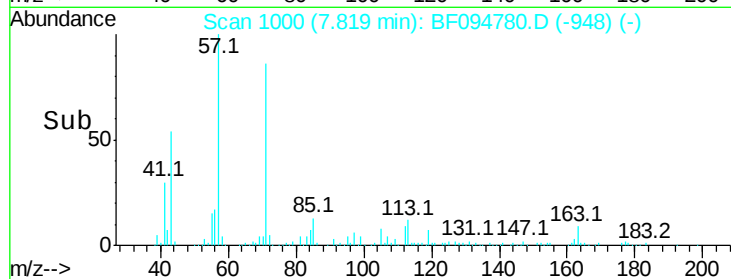
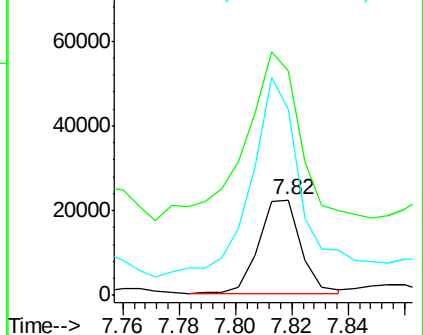
56 195.2 107.8 147.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#37

2-Methylnaphthalene

Concen: 2.85 ng

RT: 8.12 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BF094780.D

Acq: 2 May 2017 5:57

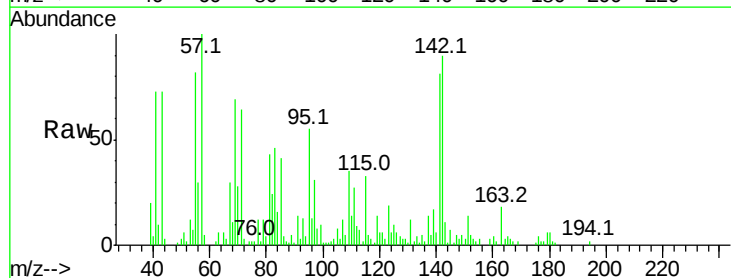
Tgt Ion:142 Resp: 34451

Ion Ratio Lower Upper

142 100

141 89.9 71.3 106.9

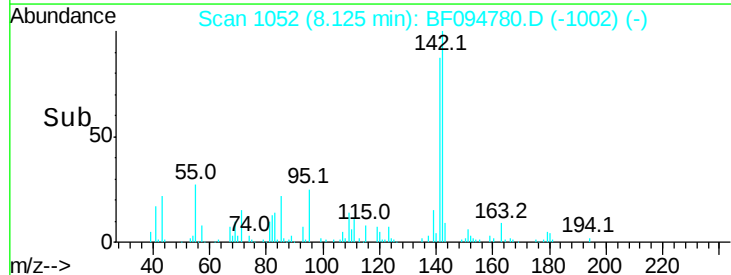
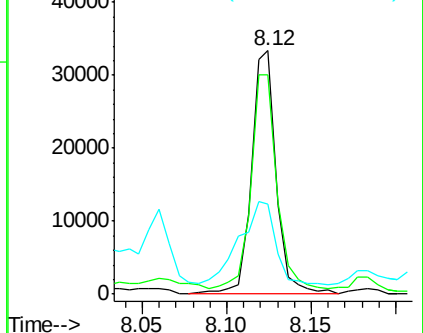
115 36.8 27.1 40.7

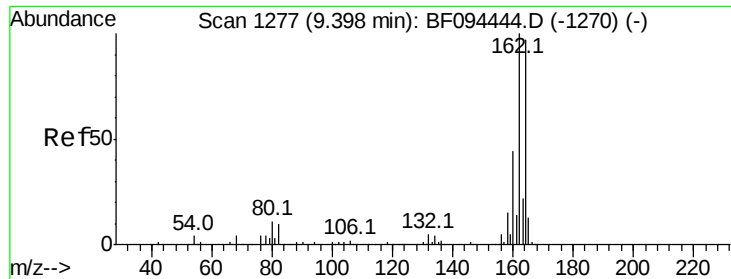


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

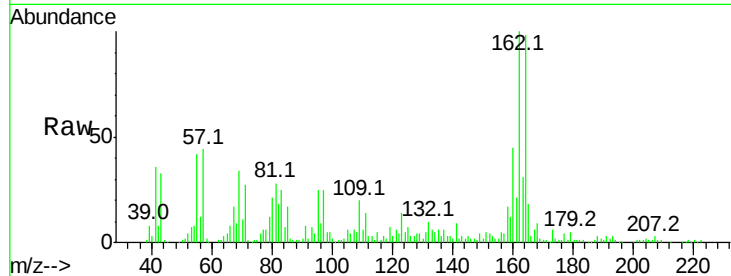




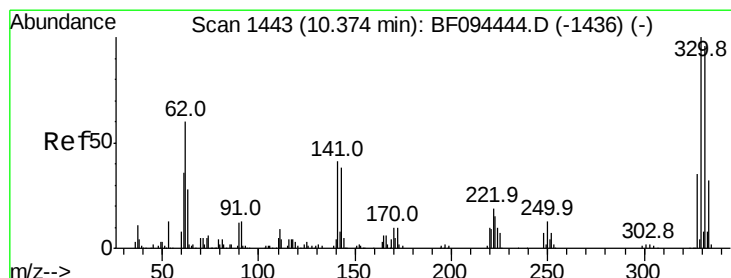
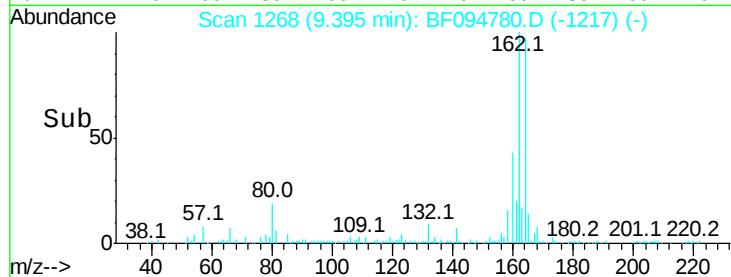
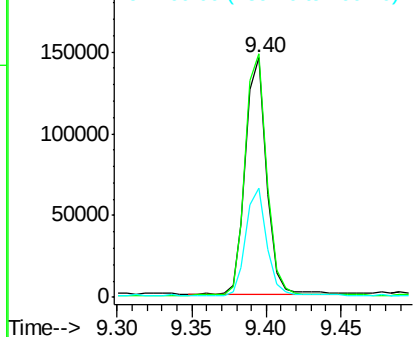
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.40 min Scan# 1268
Delta R.T. -0.00 min
Lab File: BF094780.D
Acq: 2 May 2017 5:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 140930
Ion Ratio Lower Upper
164 100
162 101.6 82.6 123.8
160 45.3 36.2 54.2

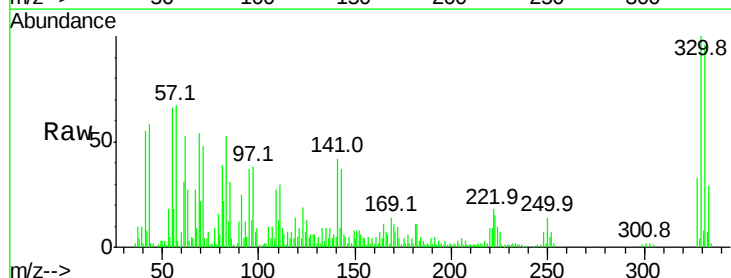


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

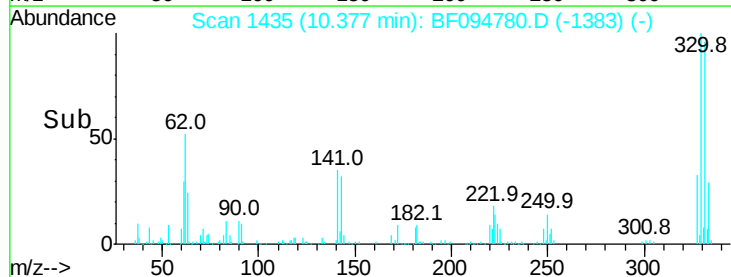
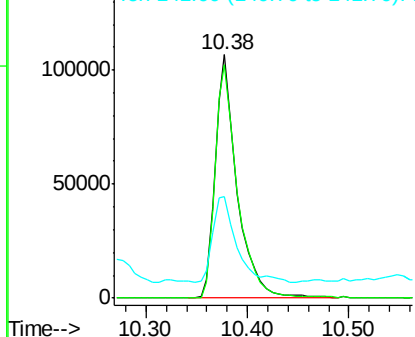


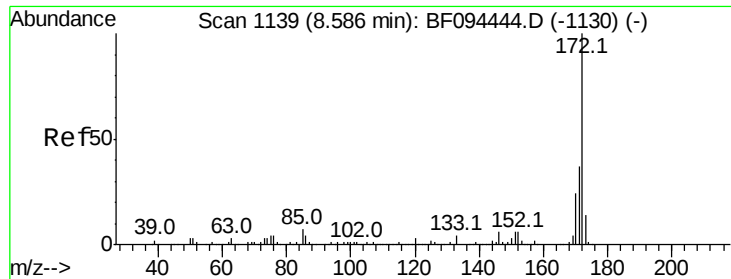
#41
2,4,6-Tribromophenol
Concen: 144.32 ng
RT: 10.38 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BF094780.D
Acq: 2 May 2017 5:57

Tgt Ion:330 Resp: 159089
Ion Ratio Lower Upper
330 100
332 98.9 76.6 115.0
141 39.2 31.4 47.2



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

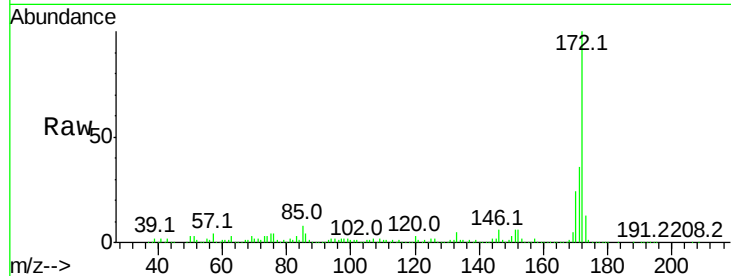




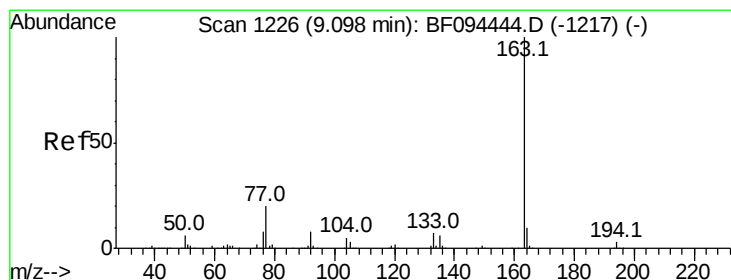
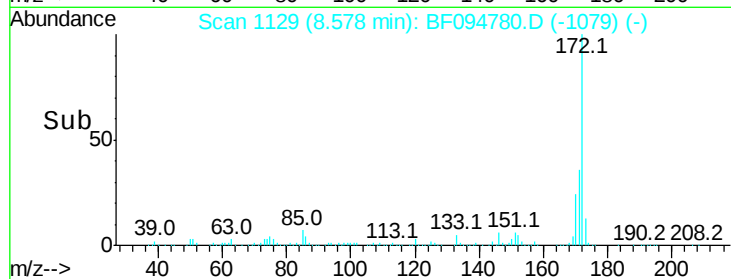
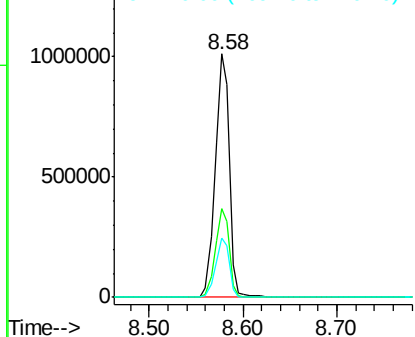
#44
2-Fluorobiphenyl
Concen: 112.37 ng
RT: 8.58 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BF094780.D
Acq: 2 May 2017 5:57

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 1076295
Ion Ratio Lower Upper
172 100
171 36.3 29.6 44.4
170 24.2 19.8 29.8

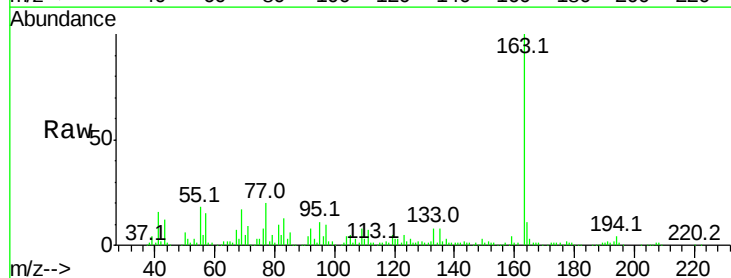


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

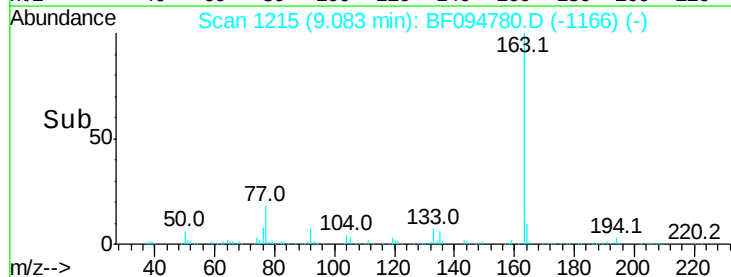
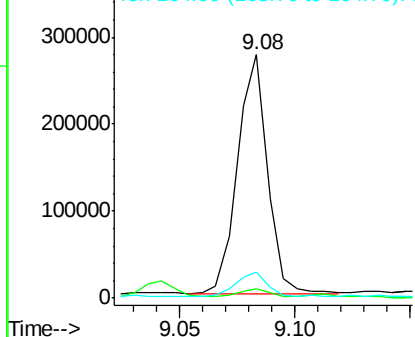


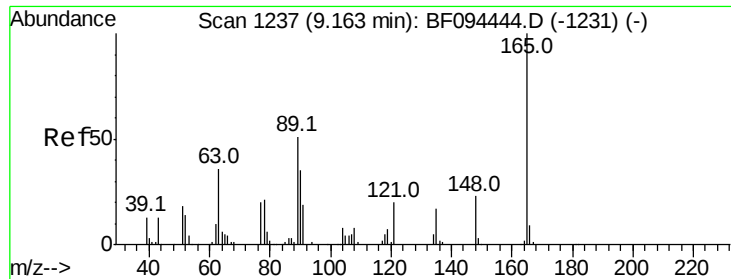
#49
Dimethylphthalate
Concen: 23.72 ng
RT: 9.08 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF094780.D
Acq: 2 May 2017 5:57

Tgt Ion:163 Resp: 249100
Ion Ratio Lower Upper
163 100
194 3.8 2.6 4.0
164 10.6 8.4 12.6



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: 2.48 ng

RT: 9.16 min Scan# 1228

Delta R.T. -0.00 min

Lab File: BF094780.D

Acq: 2 May 2017 5:57

Instrument :

BNA_F

ClientSampled :

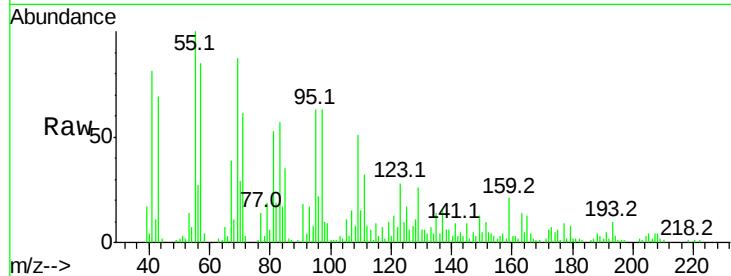
Tot Ion:165 Resp: 5852

Ion Ratio Lower Upper

165 100

63 15.4 34.3 51.5#

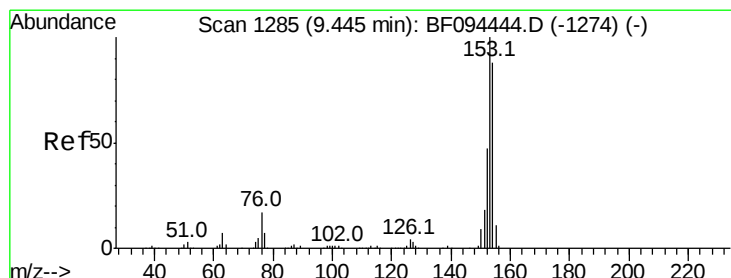
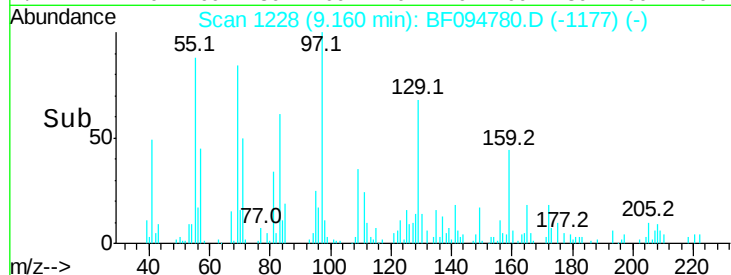
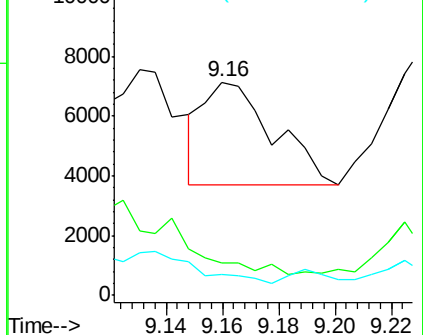
89 9.6 37.1 55.7#



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: 3.61 ng

RT: 9.43 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BF094780.D

Acq: 2 May 2017 5:57

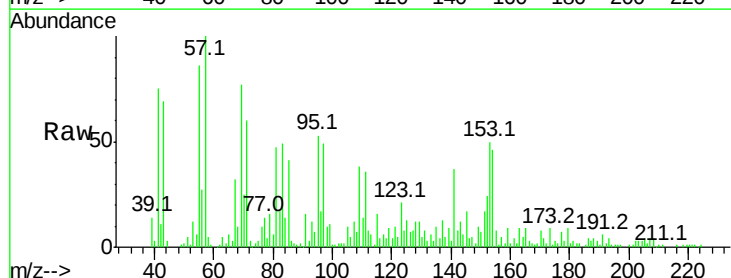
Tgt Ion:154 Resp: 30865

Ion Ratio Lower Upper

154 100

153 106.8 90.5 135.7

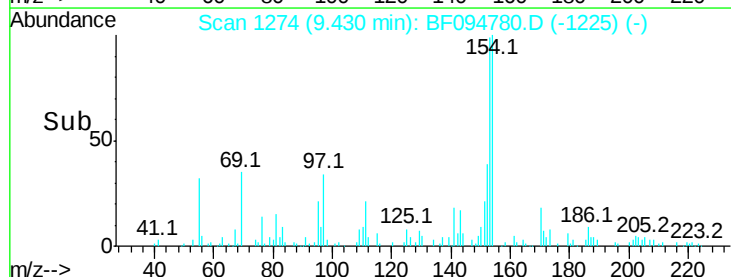
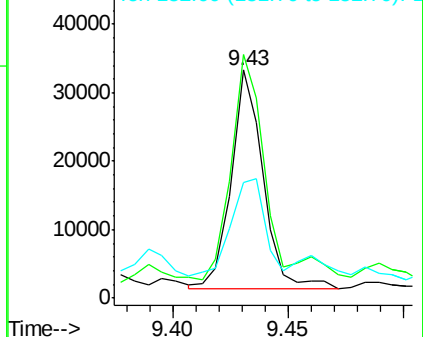
152 50.6 43.6 65.4

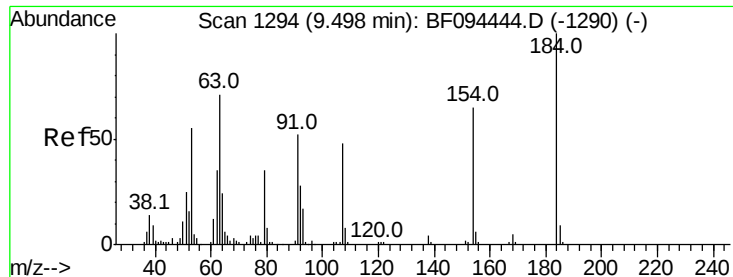


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

2,4-Dinitrophenol

Concen: 6.17 ng

RT: 9.65 min Scan# 1311

Delta R.T. 0.15 min

Lab File: BF094780.D

Acq: 2 May 2017 5:57

Instrument :

BNA_F

ClientSampleId :

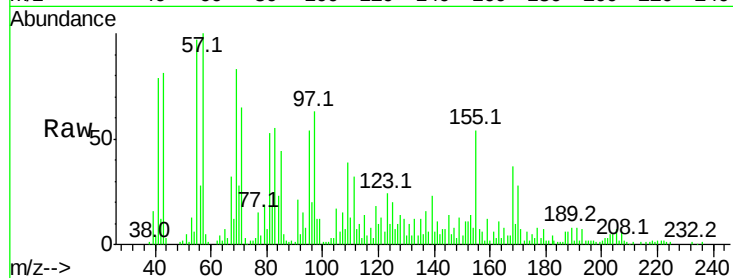
Tot Ion:184 Resp: 561

Ion Ratio Lower Upper

184 100

63 565.4 62.7 94.1#

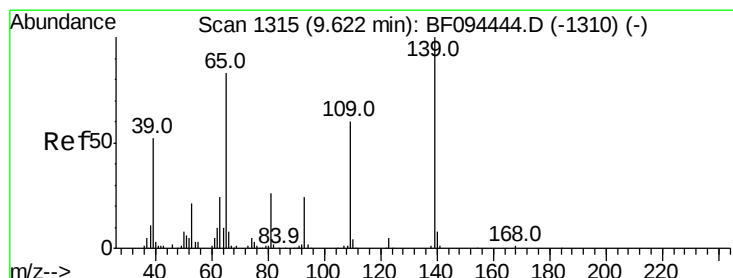
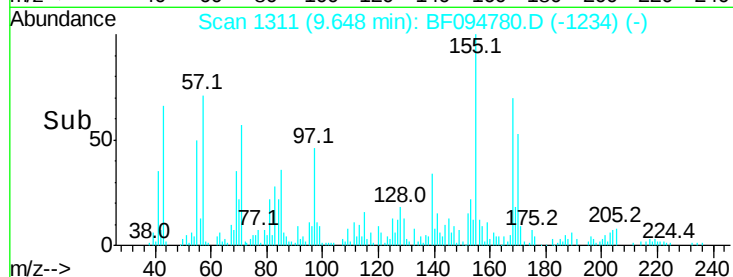
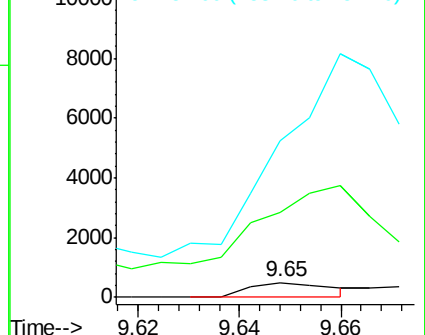
154 1043.5 81.1 121.7#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#55

4-Nitrophenol

Concen: 2.19 ng

RT: 9.59 min Scan# 1301

Delta R.T. -0.03 min

Lab File: BF094780.D

Acq: 2 May 2017 5:57

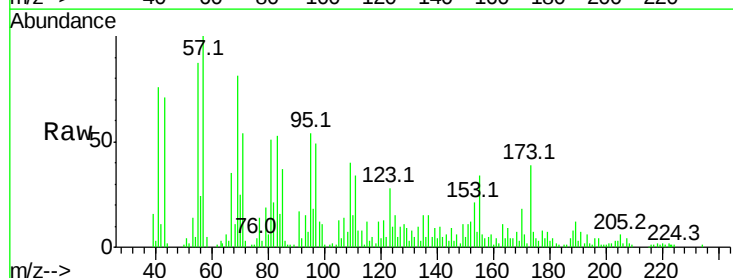
Tgt Ion:139 Resp: 4227

Ion Ratio Lower Upper

139 100

109 427.9 34.1 74.1#

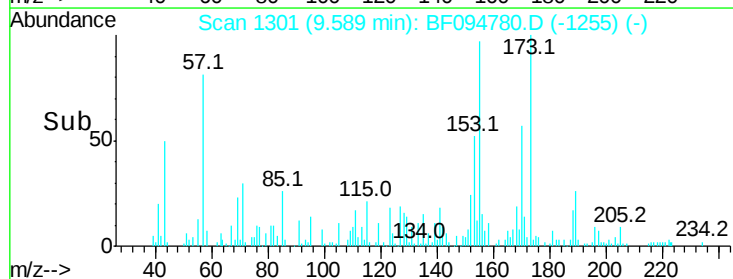
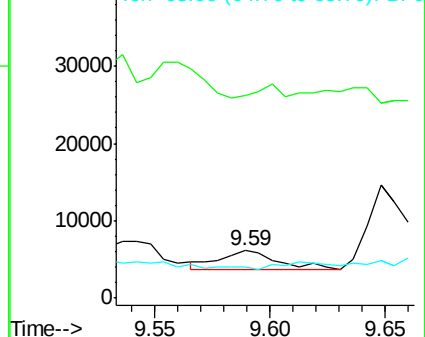
65 64.9 31.4 71.4

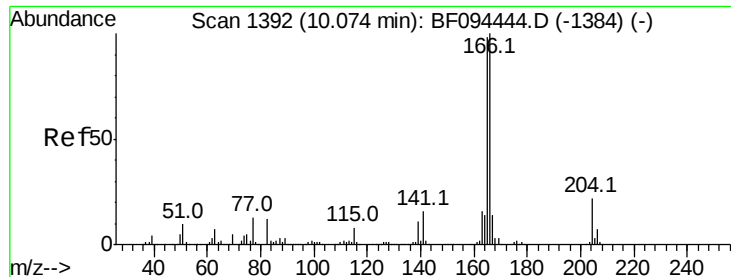


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#57

Fluorene

Concen: 3.80 ng

RT: 10.07 min Scan# 1383

Delta R.T. -0.00 min

Lab File: BF094780.D

Acq: 2 May 2017 5:57

Instrument :

BNA_F

ClientSampled :

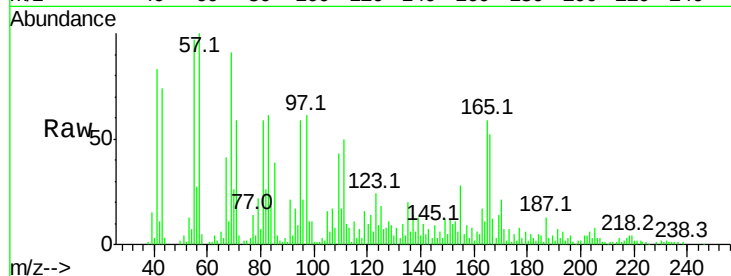
Tot Ion:166 Resp: 36813

Ion Ratio Lower Upper

166 100

165 111.9 78.8 118.2

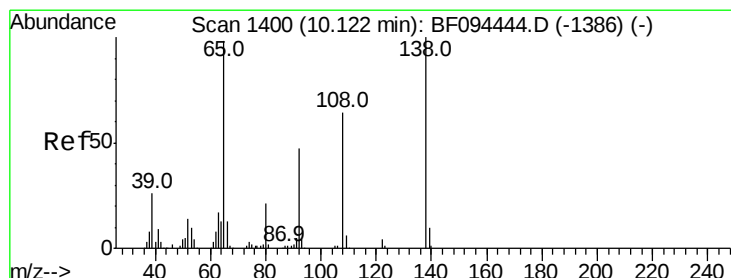
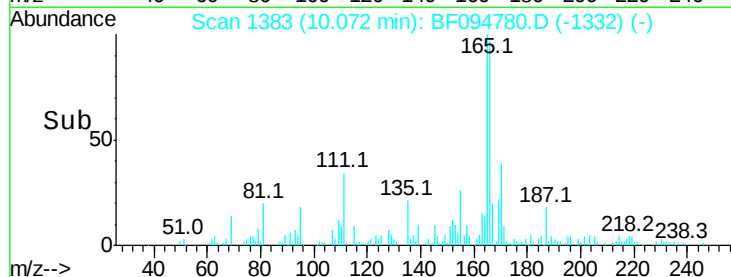
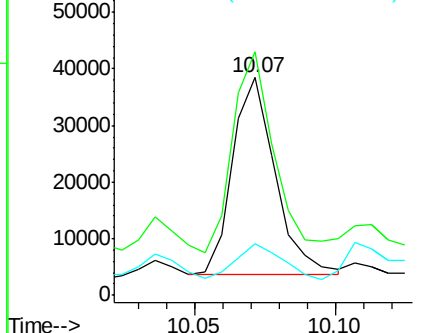
167 23.9 10.6 16.0#



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



#61

4-Nitroaniline

Concen: 3.31 ng

RT: 9.97 min Scan# 1365

Delta R.T. -0.16 min

Lab File: BF094780.D

Acq: 2 May 2017 5:57

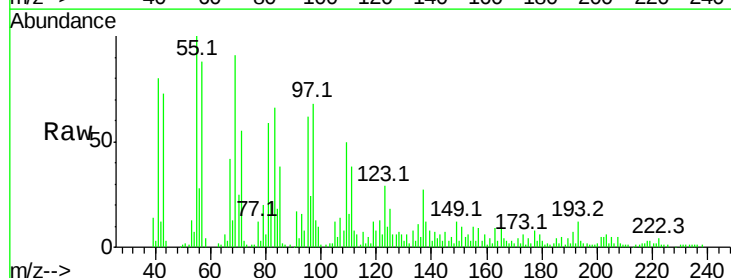
Tgt Ion:138 Resp: 9164

Ion Ratio Lower Upper

138 100

92 35.3 21.8 61.8

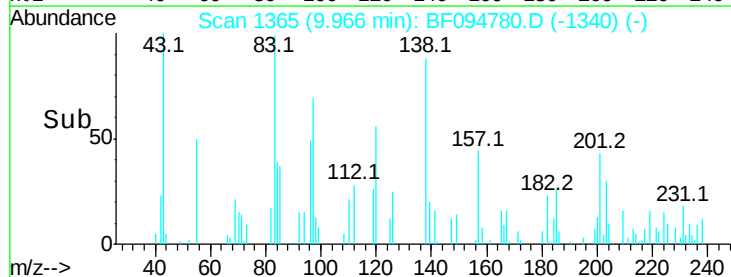
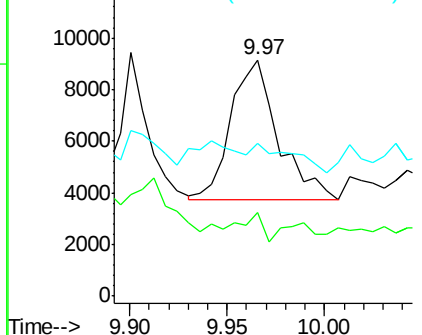
108 64.5 42.3 82.3

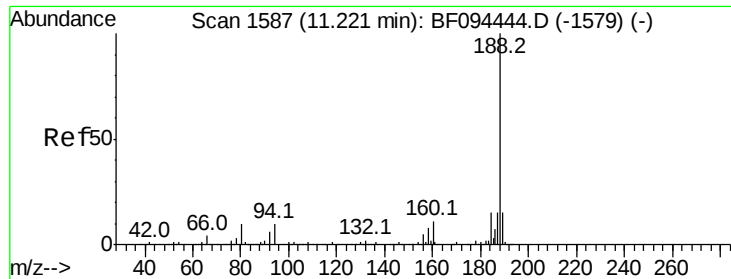


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.22 min Scan# 1579

Delta R.T. 0.00 min

Lab File: BF094780.D

Acq: 2 May 2017 5:57

Instrument :

BNA_F

ClientSampleId :

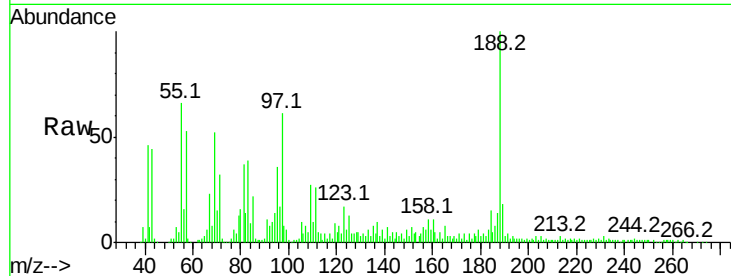
Tot Ion:188 Resp: 198531

Ion Ratio Lower Upper

188 100

94 14.4 9.4 14.2#

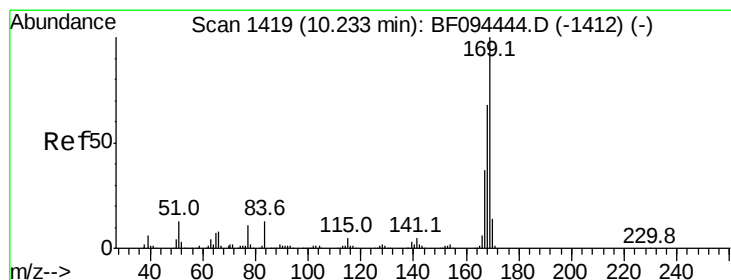
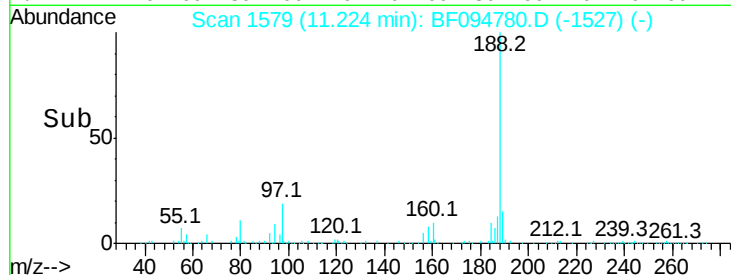
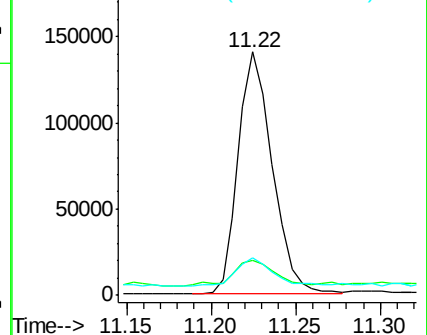
80 15.6 10.2 15.2#



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



#65

n-Nitrosodiphenylamine

Concen: 4.11 ng

RT: 10.23 min Scan# 1410

Delta R.T. -0.00 min

Lab File: BF094780.D

Acq: 2 May 2017 5:57

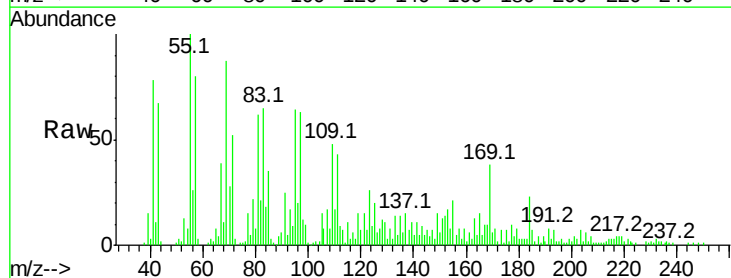
Tgt Ion:169 Resp: 28410

Ion Ratio Lower Upper

169 100

168 26.5 53.2 79.8#

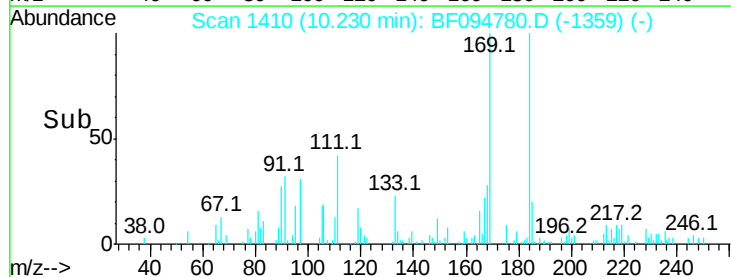
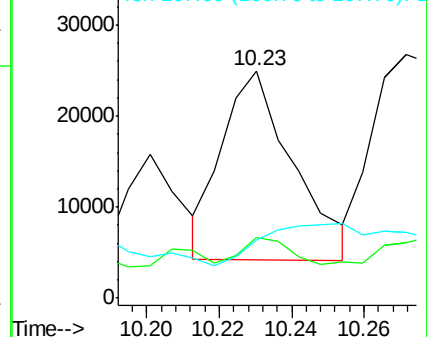
167 25.5 29.5 44.3#

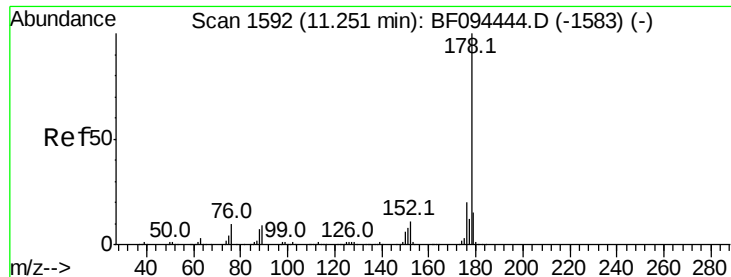


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#70

Phenanthrene

Concen: 32.02 ng

RT: 11.25 min Scan# 1584

Delta R.T. 0.00 min

Lab File: BF094780.D

Acq: 2 May 2017 5:57

Instrument :

BNA_F

ClientSampleId :

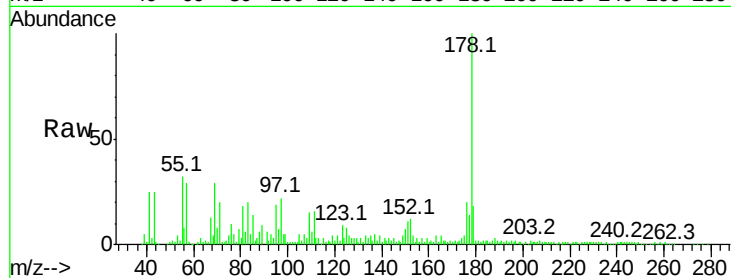
Tot Ion:178 Resp: 357997

Ion Ratio Lower Upper

178 100

176 19.7 16.2 24.4

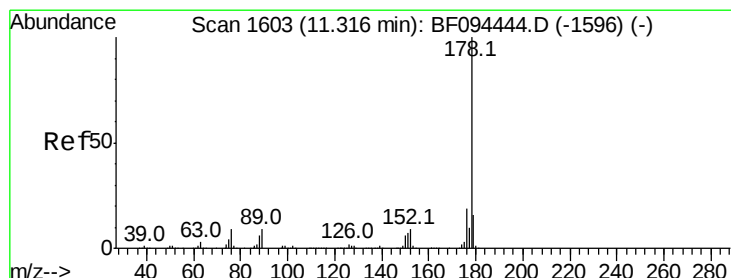
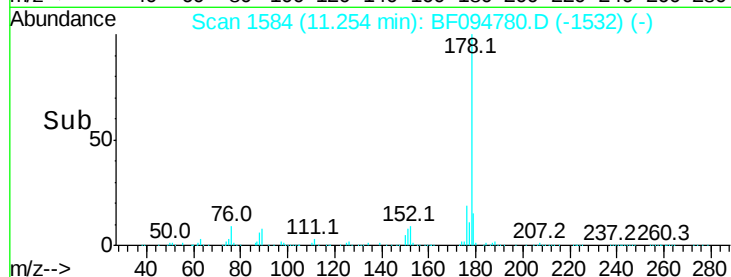
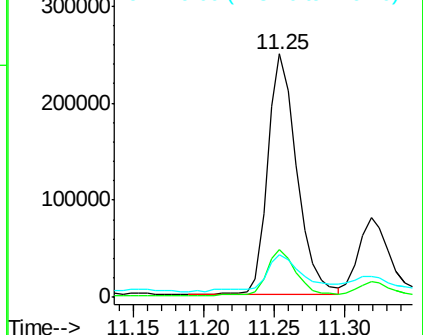
179 17.7 12.6 19.0



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: 30.96 ng

RT: 11.25 min Scan# 1584

Delta R.T. -0.06 min

Lab File: BF094780.D

Acq: 2 May 2017 5:57

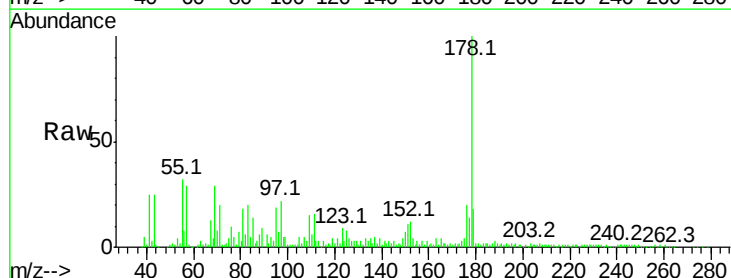
Tgt Ion:178 Resp: 357997

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.8

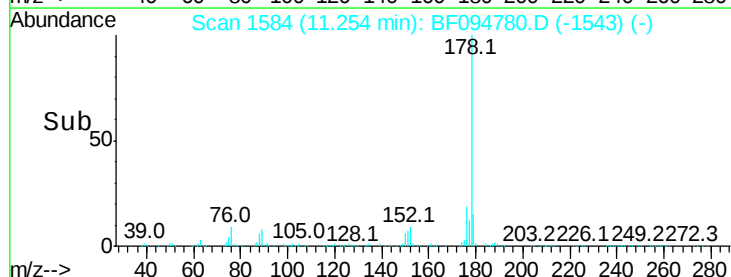
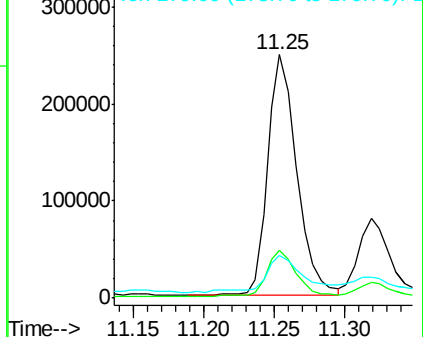
179 17.7 12.7 19.1

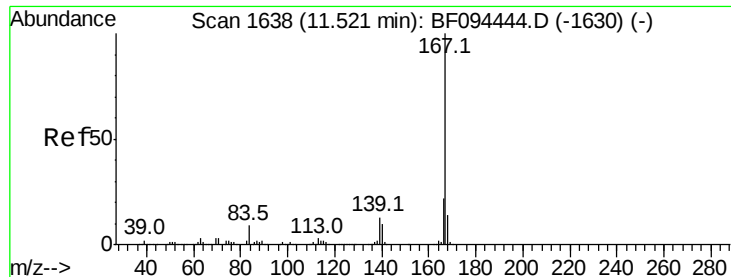


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

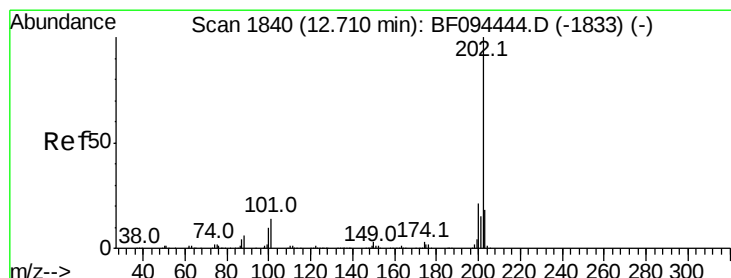
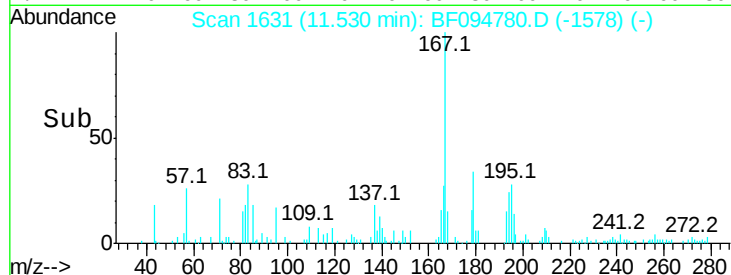
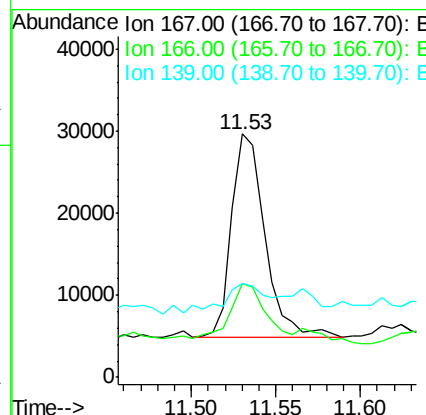
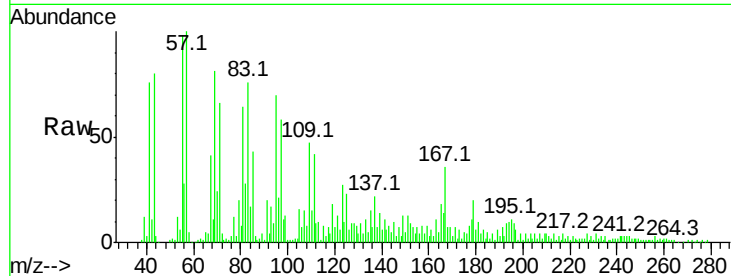




#72
 Carbazole
 Concen: 3.17 ng
 RT: 11.53 min Scan# 1631
 Delta R.T. 0.01 min
 Lab File: BF094780.D
 Acq: 2 May 2017 5:57

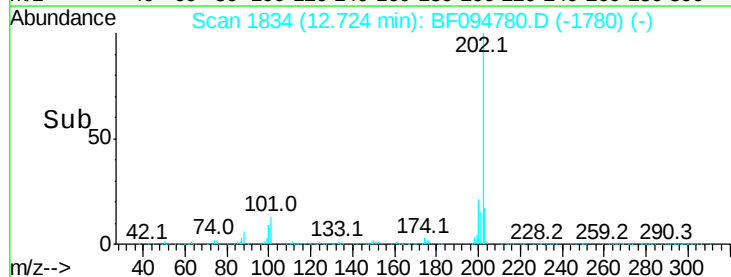
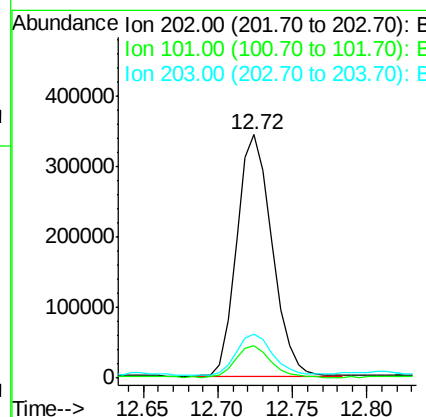
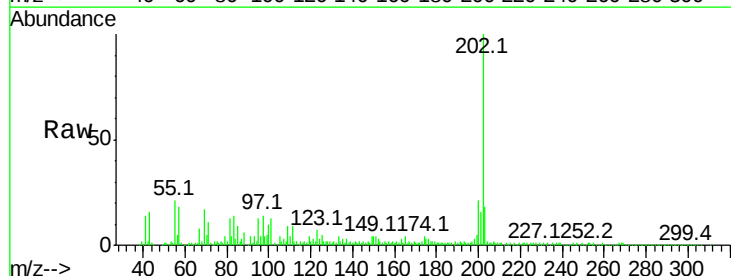
Instrument :
 BNA_F
 ClientSampleId :

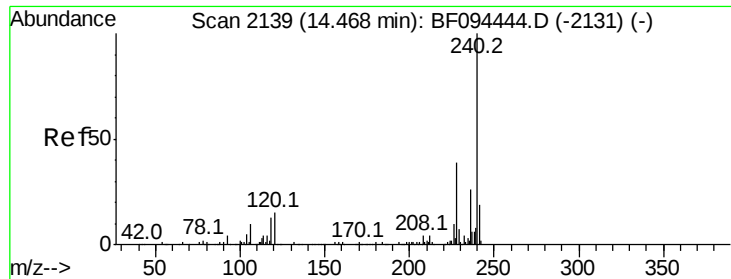
Tot Ion	Ratio	Lower	Upper
167	100		
166	38.3	18.1	27.1#
139	38.6	11.7	17.5#



#74
 Fluoranthene
 Concen: 48.66 ng
 RT: 12.72 min Scan# 1834
 Delta R.T. 0.01 min
 Lab File: BF094780.D
 Acq: 2 May 2017 5:57

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	33.2
203	18.3	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.49 min Scan# 2135

Delta R.T. 0.03 min

Lab File: BF094780.D

Acq: 2 May 2017 5:57

Instrument :

BNA_F

ClientSampleId :

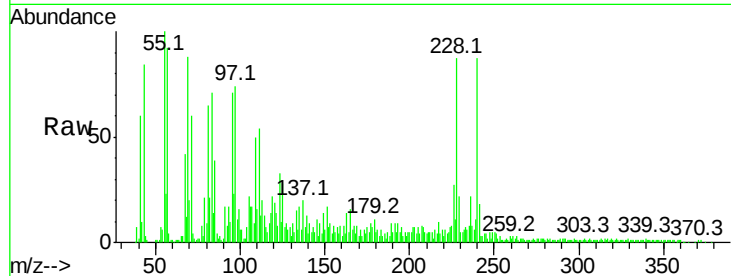
Tot Ion:240 Resp: 152697

Ion Ratio Lower Upper

240 100

120 22.5 5.8 8.8#

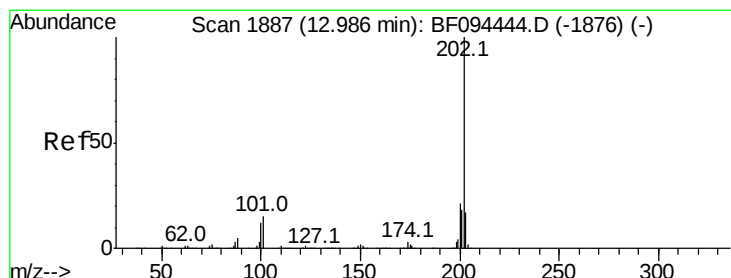
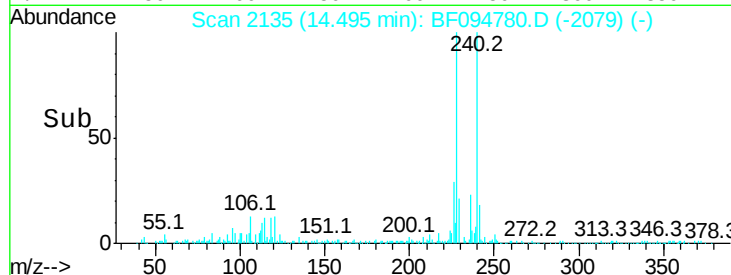
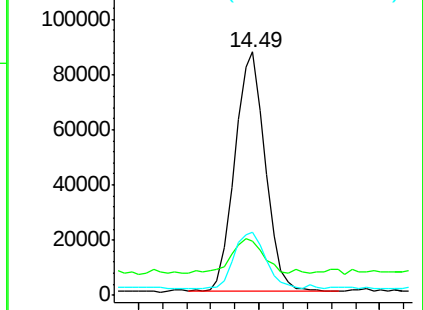
236 26.0 20.5 30.7



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: 46.73 ng

RT: 13.00 min Scan# 1881

Delta R.T. 0.01 min

Lab File: BF094780.D

Acq: 2 May 2017 5:57

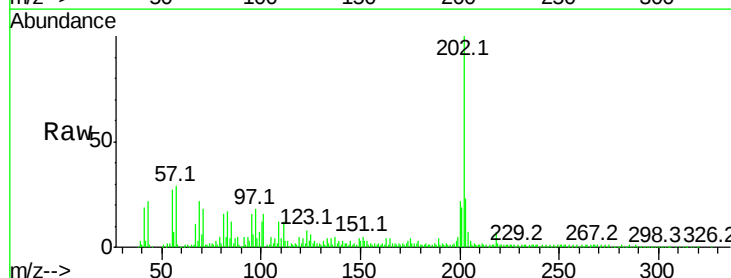
Tgt Ion:202 Resp: 498519

Ion Ratio Lower Upper

202 100

200 21.5 17.6 26.4

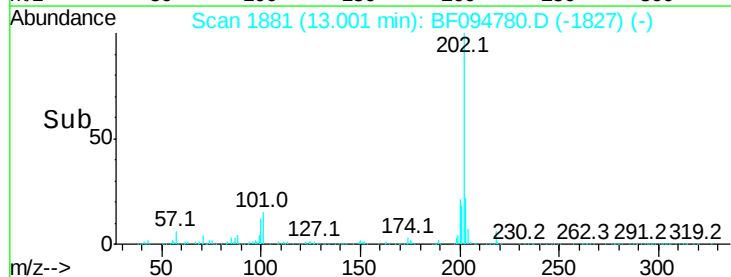
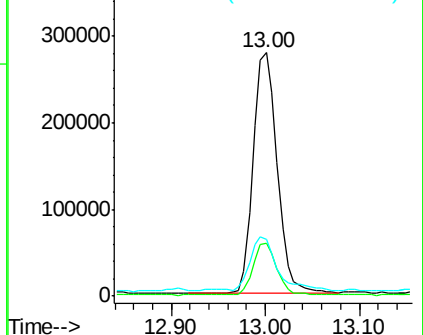
203 23.4 14.4 21.6#

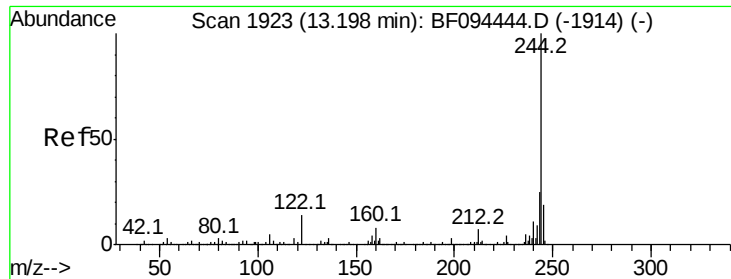


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

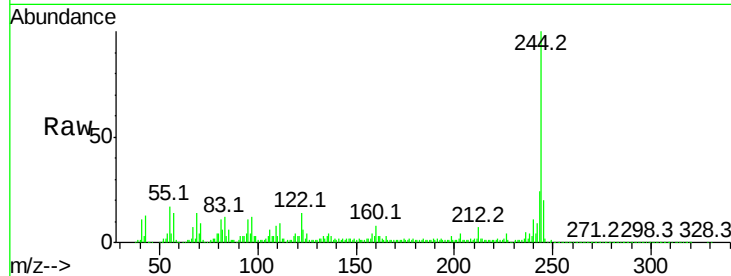




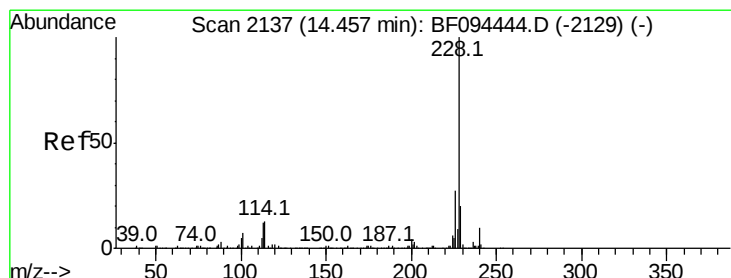
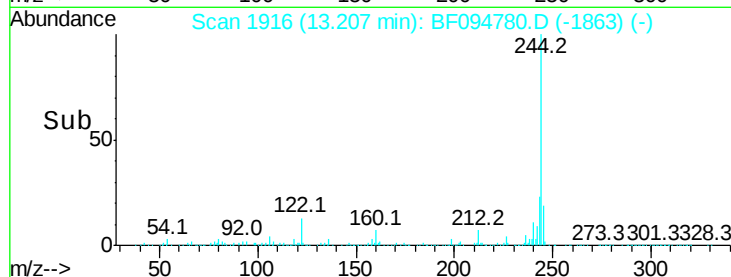
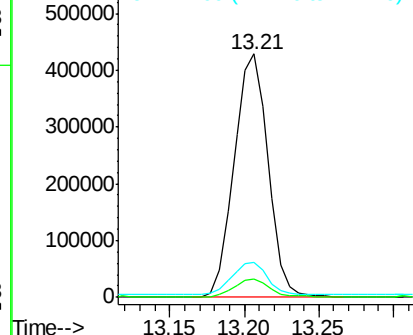
#78
 Terphenyl-d14
 Concen: 118.34 ng
 RT: 13.21 min Scan# 1916
 Delta R.T. 0.01 min
 Lab File: BF094780.D
 Acq: 2 May 2017 5:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 676064
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 14.3 10.3 15.5

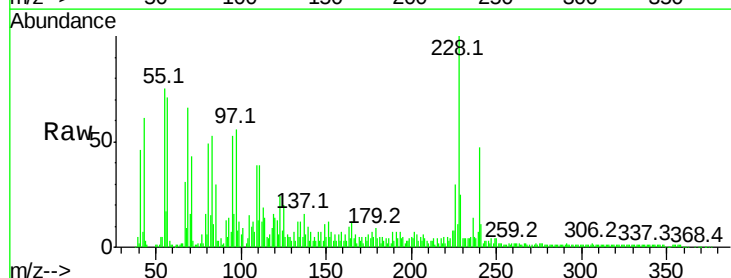


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

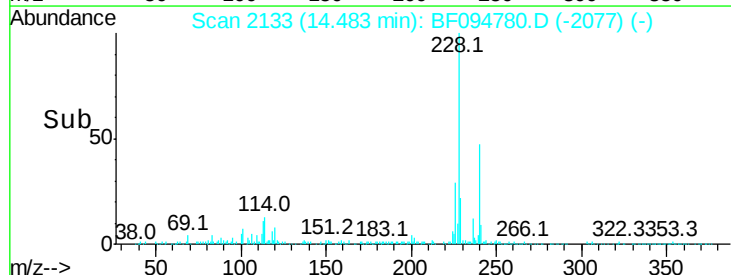
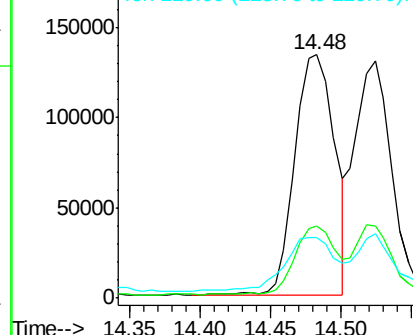


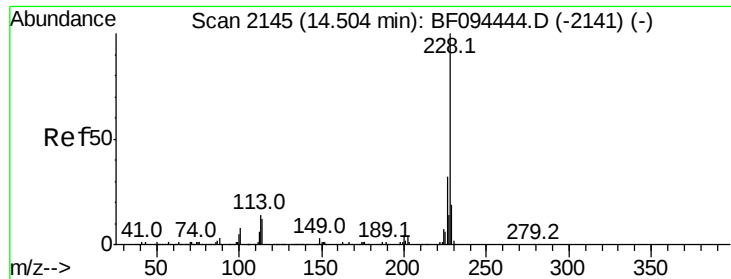
#80
 Benzo(a)anthracene
 Concen: 29.64 ng
 RT: 14.48 min Scan# 2133
 Delta R.T. 0.03 min
 Lab File: BF094780.D
 Acq: 2 May 2017 5:57

Tgt Ion:228 Resp: 263064
 Ion Ratio Lower Upper
 228 100
 226 29.6 22.6 33.8
 229 24.7 16.3 24.5#



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: 29.06 ng

RT: 14.52 min Scan# 2140

Delta R.T. 0.02 min

Lab File: BF094780.D

Acq: 2 May 2017 5:57

Instrument :

BNA_F

ClientSampleId :

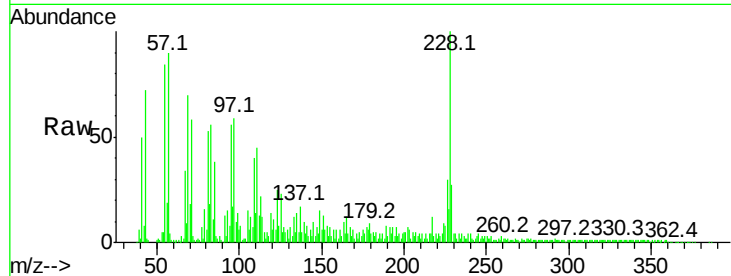
Tot Ion:228 Resp: 235721

Ion Ratio Lower Upper

228 100

226 30.4 24.9 37.3

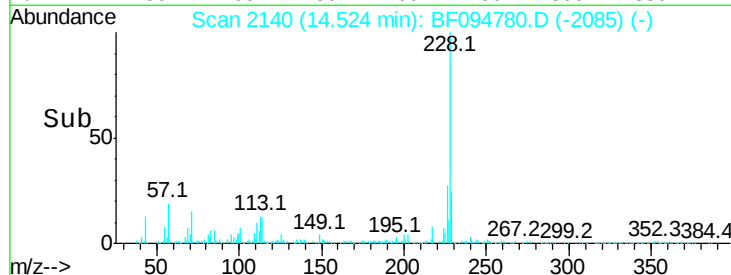
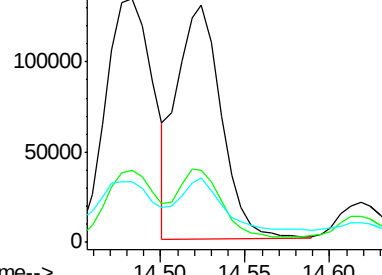
229 27.0 15.8 23.6#



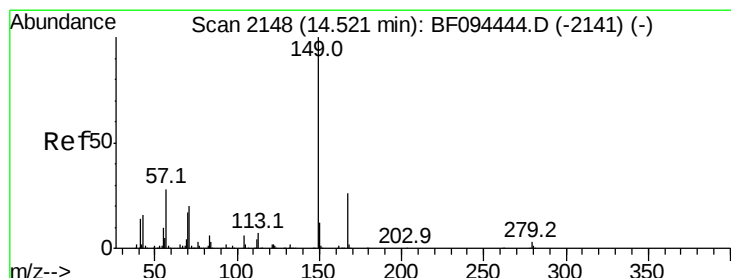
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#83

Bis(2-ethylhexyl)phthalate

Concen: 3.54 ng

RT: 14.54 min Scan# 2142

Delta R.T. 0.01 min

Lab File: BF094780.D

Acq: 2 May 2017 5:57

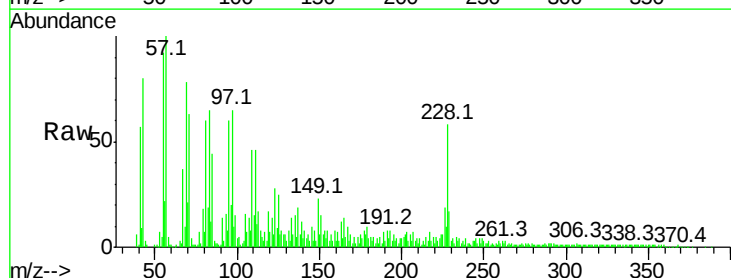
Tgt Ion:149 Resp: 22229

Ion Ratio Lower Upper

149 100

167 41.3 21.0 31.4#

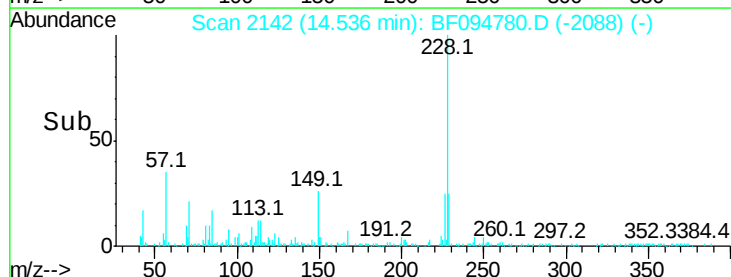
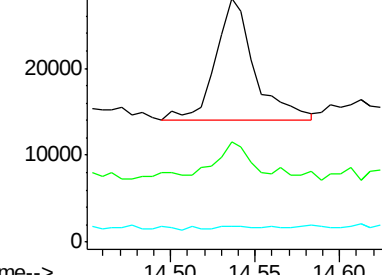
279 6.5 1.9 2.9#



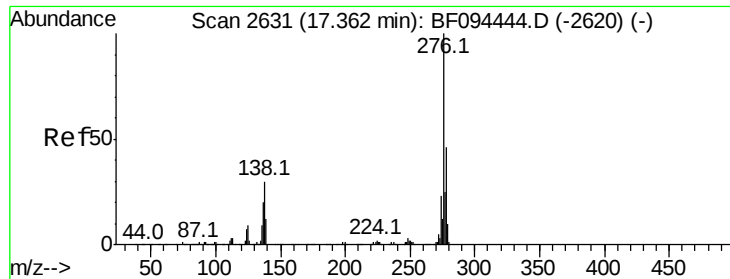
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



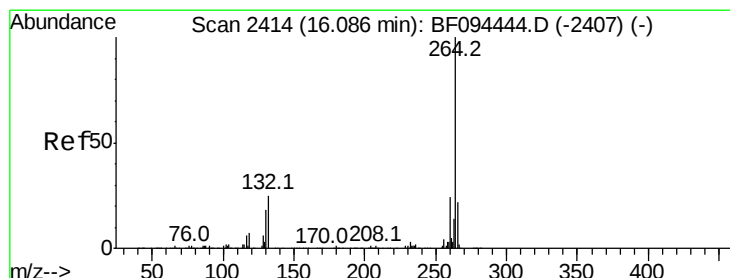
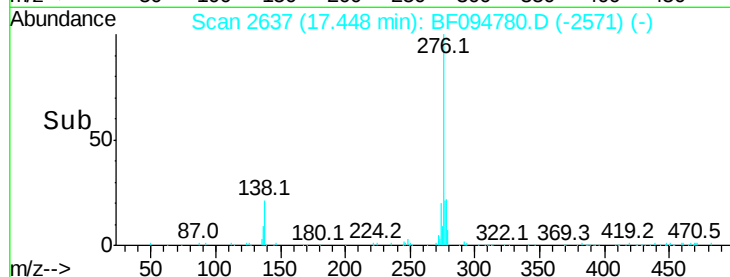
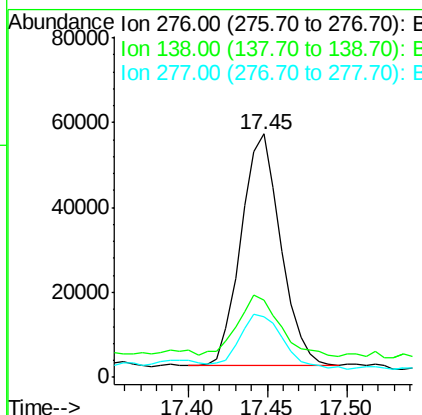
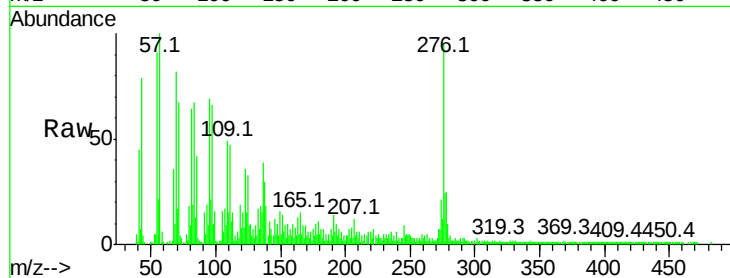
Time-->



#85
 Indeno(1,2,3-cd)pyrene
 Concen: 12.25 ng
 RT: 17.45 min Scan# 2637
 Delta R.T. 0.09 min
 Lab File: BF094780.D
 Acq: 2 May 2017 5:57

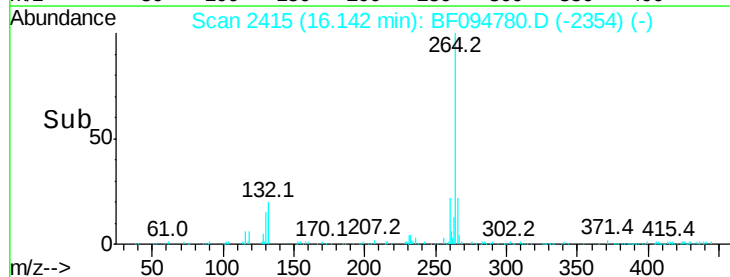
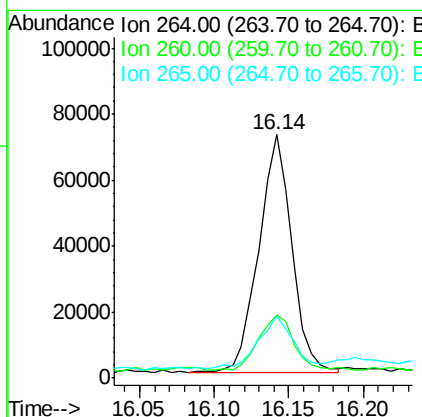
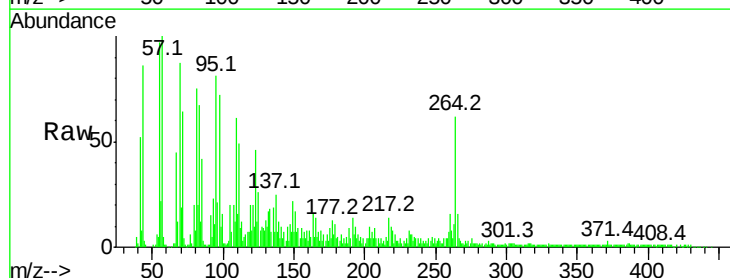
Instrument :
 BNA_F
 ClientSampleId :

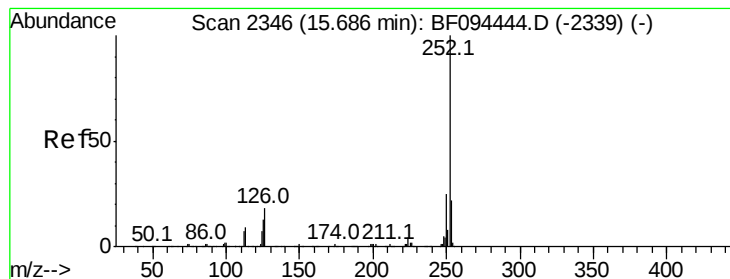
Tot Ion	Ratio	Lower	Upper
276	100		
138	28.5	27.8	41.6
277	26.5	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.14 min Scan# 2415
 Delta R.T. 0.06 min
 Lab File: BF094780.D
 Acq: 2 May 2017 5:57

Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.1	19.5	29.3
265	25.2	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 47.08 ng

RT: 15.74 min Scan# 2347

Delta R.T. 0.06 min

Lab File: BF094780.D

Acq: 2 May 2017 5:57

Instrument :

BNA_F

ClientSampleId :

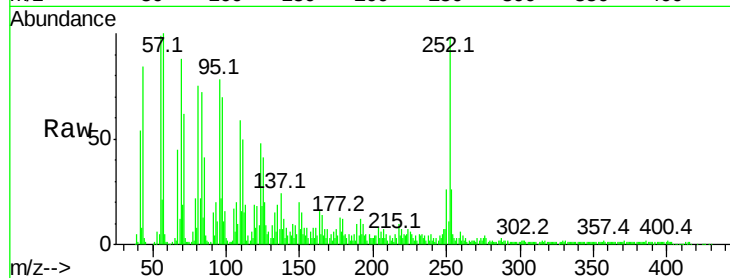
Tot Ion:252 Resp: 317376

Ion Ratio Lower Upper

252 100

253 26.9 18.1 27.1

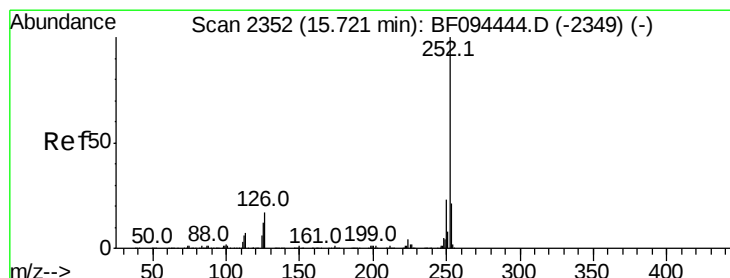
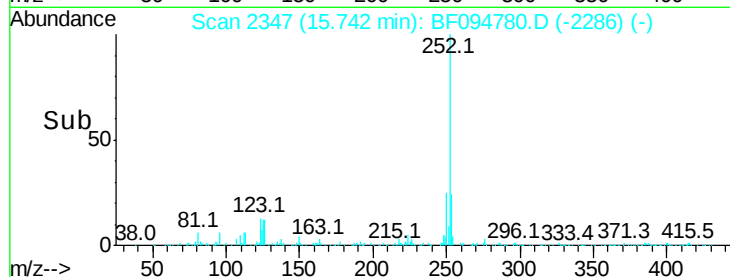
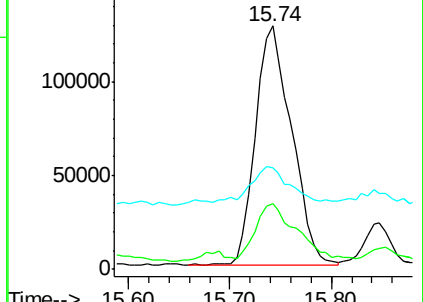
125 41.6 9.8 14.8#



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



#88

Benzo(k)fluoranthene

Concen: 49.75 ng

RT: 15.74 min Scan# 2347

Delta R.T. 0.02 min

Lab File: BF094780.D

Acq: 2 May 2017 5:57

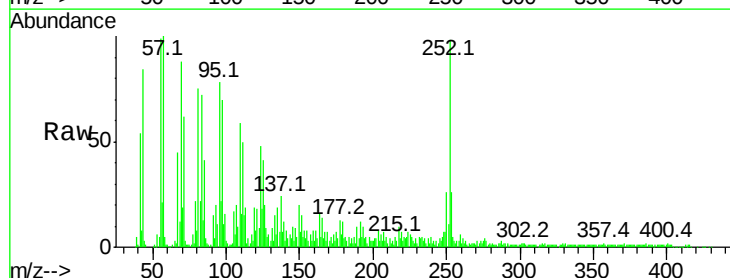
Tgt Ion:252 Resp: 317376

Ion Ratio Lower Upper

252 100

253 26.9 18.4 27.6

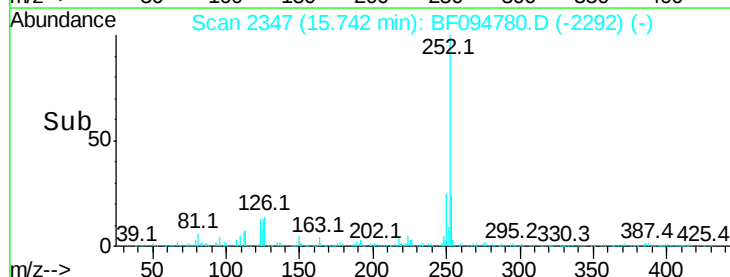
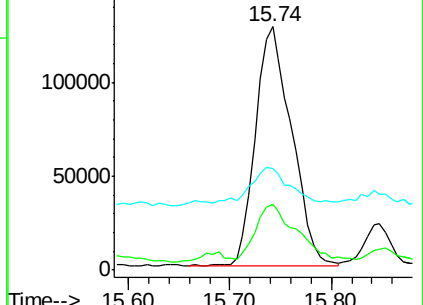
125 41.6 13.1 19.7#

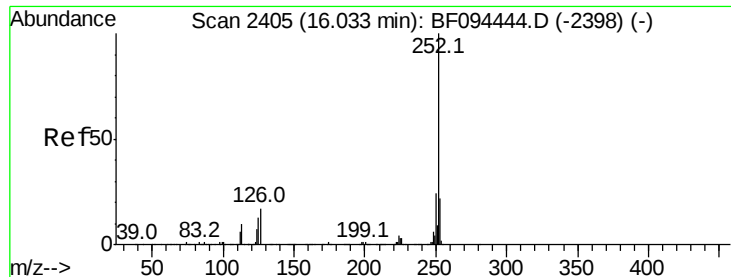


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 26.53 ng

RT: 16.08 min Scan# 2405

Delta R.T. 0.05 min

Lab File: BF094780.D

Acq: 2 May 2017 5:57

Instrument :

BNA_F

ClientSampleId :

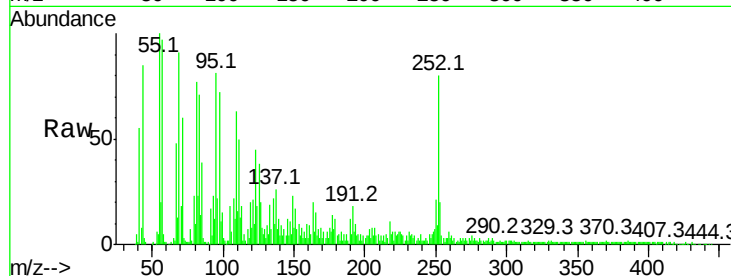
Tot Ion:252 Resp: 166357

Ion Ratio Lower Upper

252 100

253 25.6 17.5 26.3

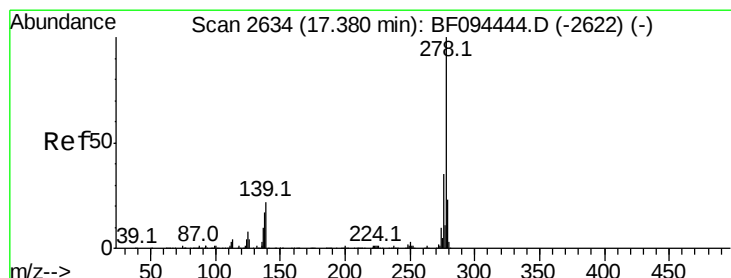
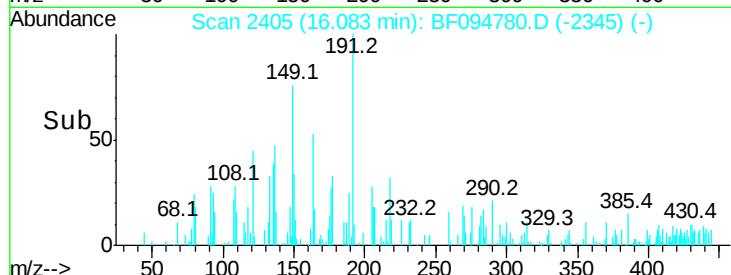
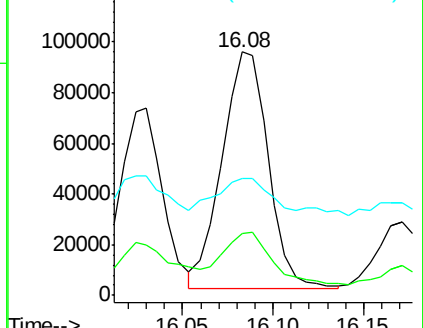
125 47.9 11.0 16.4#



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



#90

Dibenzo(a,h)anthracene

Concen: 5.59 ng

RT: 17.45 min Scan# 2637

Delta R.T. 0.07 min

Lab File: BF094780.D

Acq: 2 May 2017 5:57

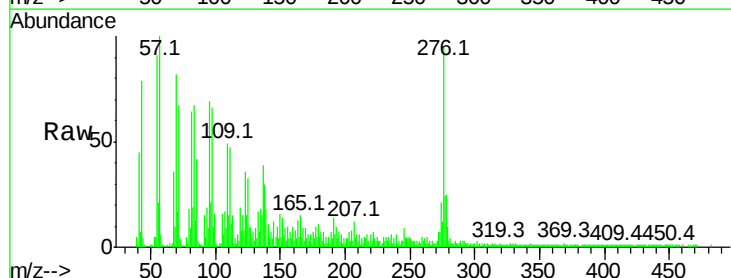
Tgt Ion:278 Resp: 29088

Ion Ratio Lower Upper

278 100

139 75.0 16.6 24.8#

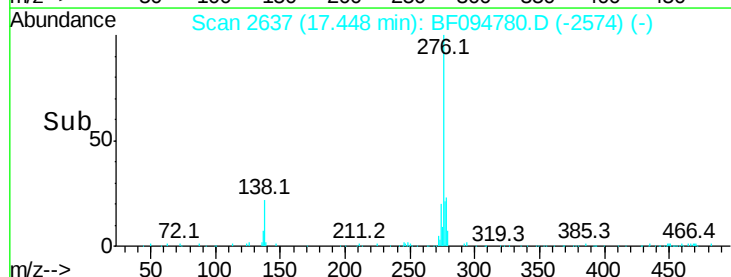
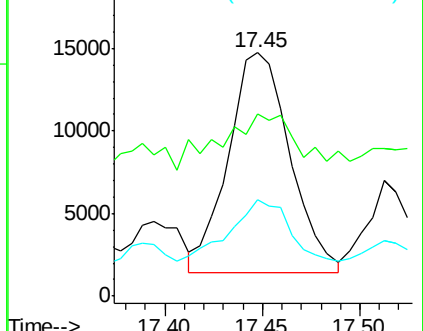
279 39.4 19.3 28.9#

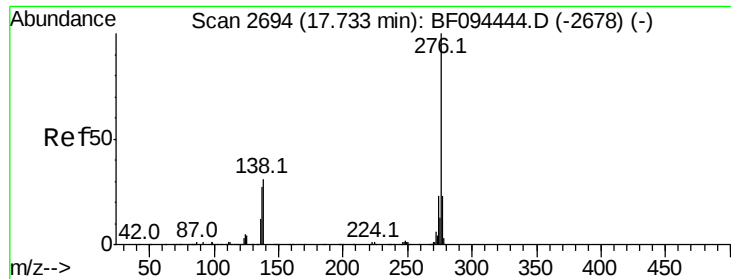


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 20.29 ng
 RT: 17.83 min Scan# 2702
 Delta R.T. 0.10 min
 Lab File: BF094780.D
 Acq: 2 May 2017 5:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	26.2	18.6	28.0
138	34.8	25.4	38.0

