

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041117\
 Data File : BF094361.D
 Acq On : 11 Apr 2017 20:19
 Operator : SJ/MA
 Sample : I2622-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 12 00:50:58 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 13:20:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.82	152	142218	20.00	ng	-0.04
21) Naphthalene-d8	7.33	136	532115	20.00	ng	-0.04
38) Acenaphthene-d10	9.47	164	192623	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	401553	20.00	ng	-0.02
75) Chrysene-d12	14.54	240	292355	20.00	ng	-0.03
86) Perylene-d12	16.17	264	247644	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.39	112	3245	0.39	ng	0.00
7) Phenol-d6	5.45	99	57154	5.49	ng	-0.01
23) Nitrobenzene-d5	6.47	82	638406	68.47	ng	-0.04
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	8.66	172	1089560	86.28	ng	-0.03
78) Terphenyl-d14	13.28	244	875699	67.14	ng	-0.02
Target Compounds						
						Qvalue
10) Phenol	5.46	94	23823	2.01	ng	99
17) 2-Methylphenol	6.15	107	75774	9.56	ng	97
20) 3+4-Methylphenols	6.33	107	64240	6.69	ng	# 63
22) Acetophenone	6.29	105	34551	2.91	ng	# 44
25) Isophorone	6.78	82	79581	4.86	ng	# 79
31) Naphthalene	7.36	128	68953	2.69	ng	# 64
32) Benzoic acid	7.12	122	44803	8.91	ng	# 53
35) Caprolactam	7.90	113	63664	28.26	ng	# 37
37) 2-Methylnaphthalene	8.20	142	415806	24.38	ng	98
49) Dimethylphthalate	9.15	163	156095	11.40	ng	# 98
51) Acenaphthene	9.52	154	46081	3.91	ng	# 89
53) 2,4-Dinitrophenol	9.56	184	394	4.88	ng	# 1
54) Dibenzofuran	9.73	168	57782	3.60	ng	# 52
55) 4-Nitrophenol	9.67	139	11442	3.96	ng	# 7
56) 2,4-Dinitrotoluene	9.75	165	32262	8.18	ng	# 56
57) Fluorene	10.15	166	138125	10.37	ng	# 90
61) 4-Nitroaniline	10.05	138	10482	2.96	ng	98
65) n-Nitrosodiphenylamine	10.22	169	276759	19.93	ng	93
70) Phenanthrene	11.35	178	2096718	93.87	ng	99
71) Anthracene	11.35	178	2096718	91.16	ng	99
74) Fluoranthene	12.80	202	495839	21.68	ng	99
77) Pyrene	13.08	202	1711976	80.69	ng	99
80) Benzo(a)anthracene	14.53	228	240246	14.09	ng	# 95
82) Chrysene	14.58	228	384926	24.33	ng	# 93
87) Benzo(b)fluoranthene	15.76	252	59287	3.91	ng	# 93
88) Benzo(k)fluoranthene	15.76	252	59287	3.99	ng	98
89) Benzo(a)pyrene	16.11	252	35432	2.53	ng	# 92

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

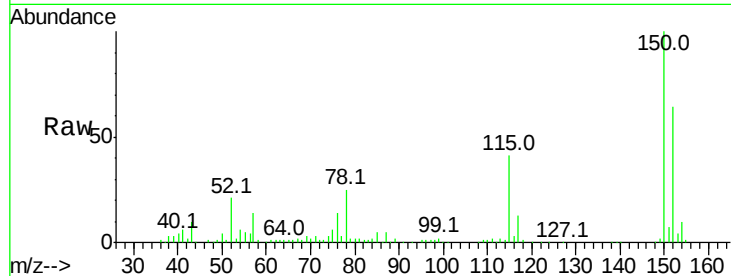


#1

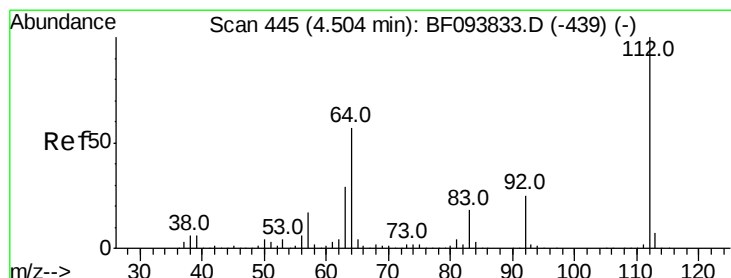
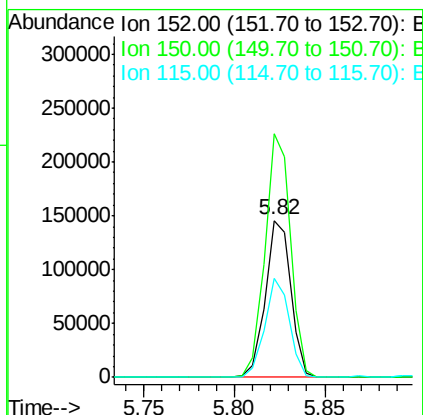
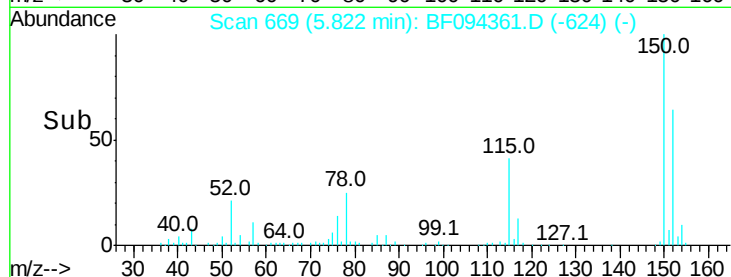
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.82 min Scan# 669
Delta R.T. -0.04 min
Lab File: BF094361.D
Acq: 11 Apr 2017 20:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 142218
Ion Ratio Lower Upper
152 100
150 155.4 126.2 189.2
115 63.0 52.2 78.2



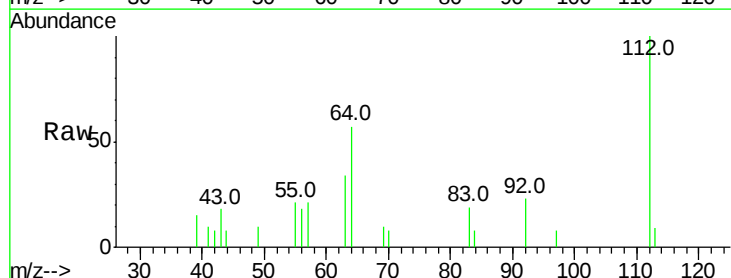
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



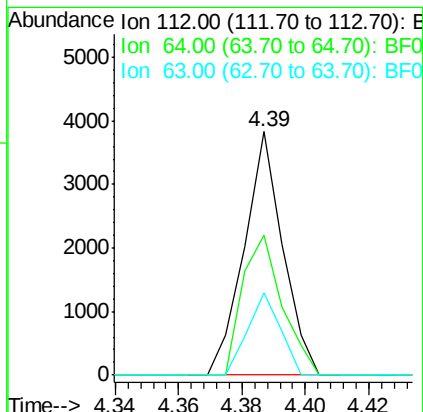
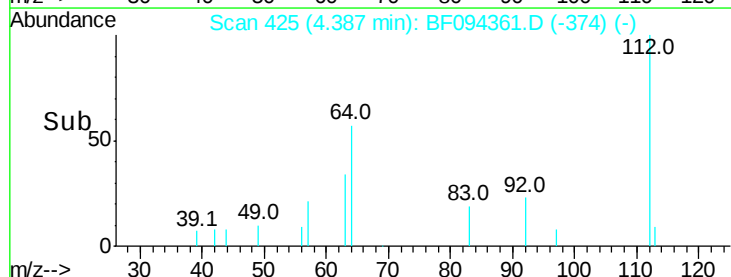
#5

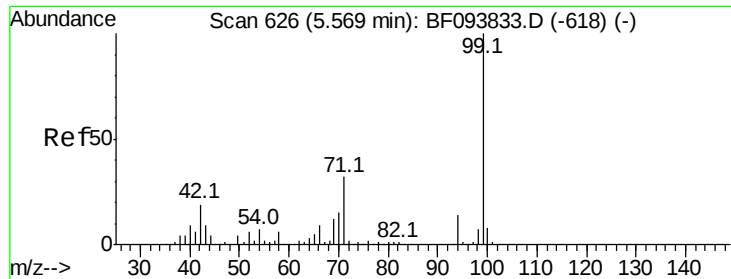
2-Fluorophenol
Concen: 0.39 ng
RT: 4.39 min Scan# 425
Delta R.T. -0.00 min
Lab File: BF094361.D
Acq: 11 Apr 2017 20:19

Tgt Ion:112 Resp: 3245
Ion Ratio Lower Upper
112 100
64 57.4 46.0 69.0
63 33.6 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: 5.49 ng

RT: 5.45 min Scan# 606

Delta R.T. -0.01 min

Lab File: BF094361.D

Acq: 11 Apr 2017 20:19

Instrument :

BNA_F

ClientSampleId :

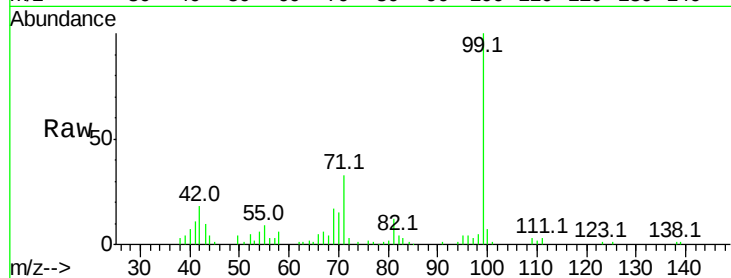
Tot Ion: 99 Resp: 57154

Ion Ratio Lower Upper

99 100

42 17.8 13.5 20.3

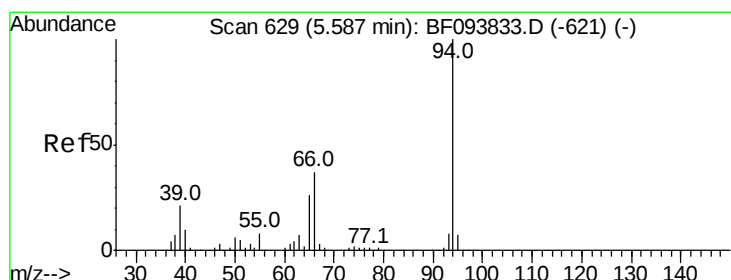
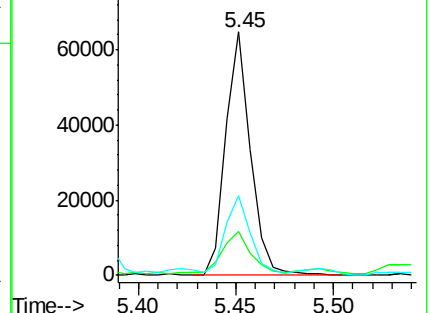
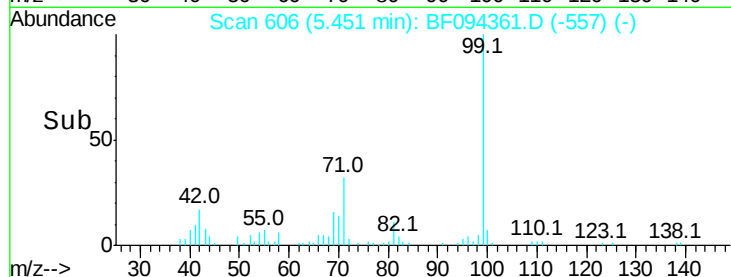
71 32.6 24.5 36.7



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



#10

Phenol

Concen: 2.01 ng

RT: 5.46 min Scan# 608

Delta R.T. -0.02 min

Lab File: BF094361.D

Acq: 11 Apr 2017 20:19

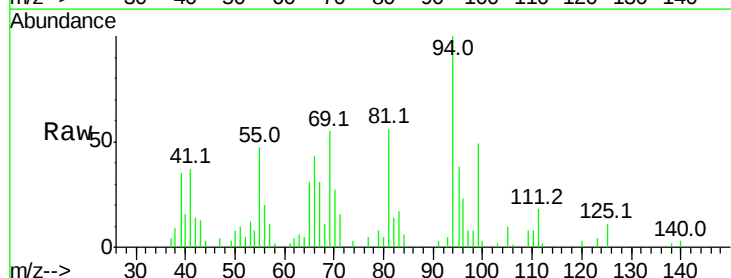
Tgt Ion: 94 Resp: 23823

Ion Ratio Lower Upper

94 100

65 30.6 9.9 49.9

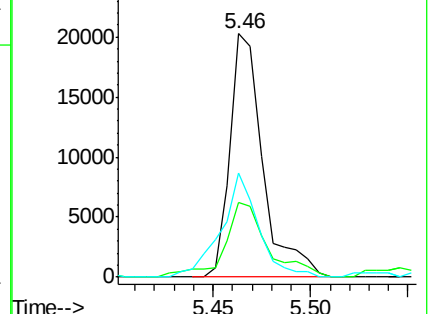
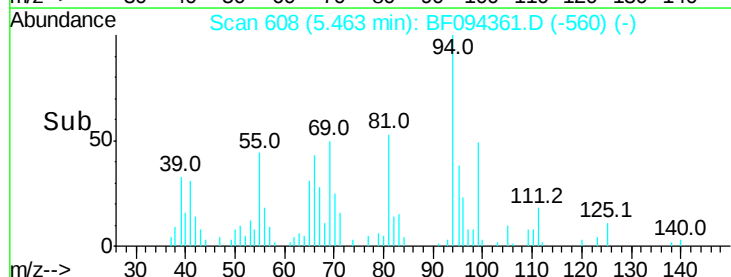
66 42.9 23.1 63.1

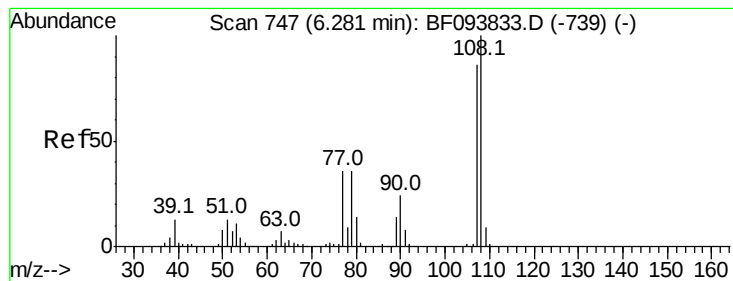


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

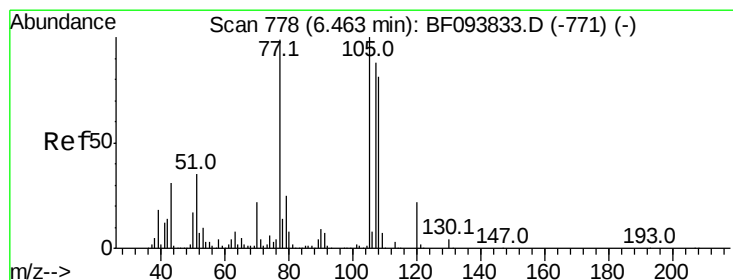
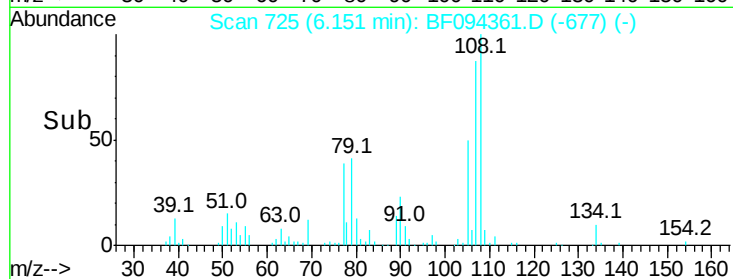
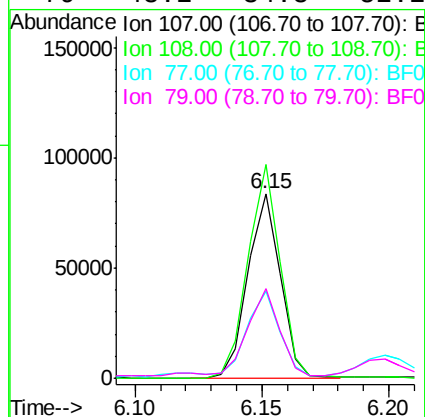
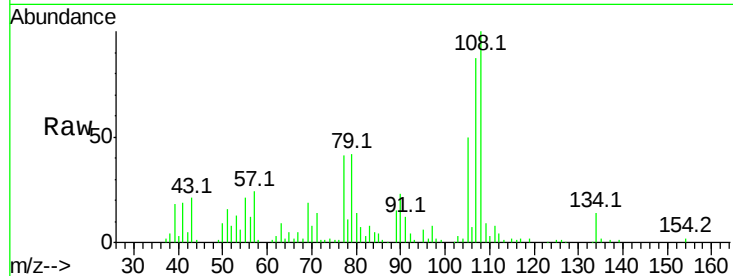




#17
2-Methylphenol
Concen: 9.56 ng
RT: 6.15 min Scan# 725
Delta R.T. -0.02 min
Lab File: BF094361.D
Acq: 11 Apr 2017 20:19

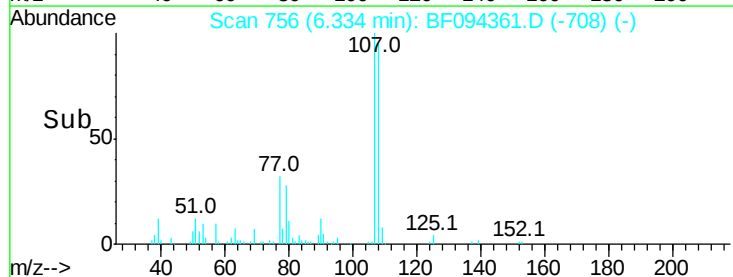
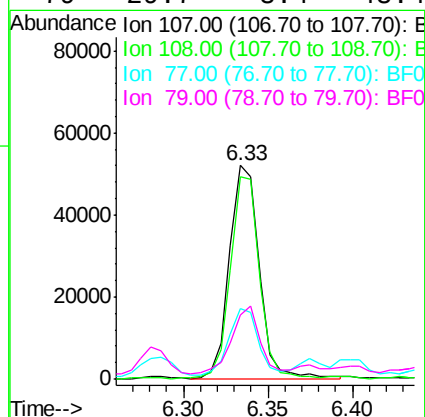
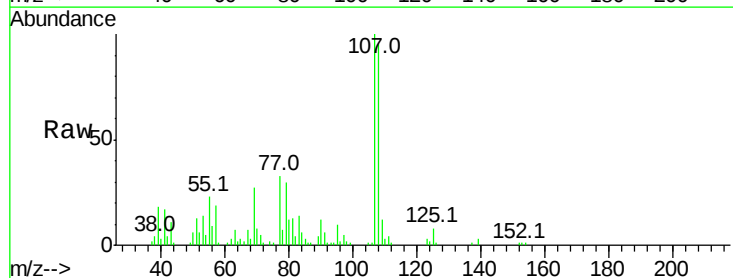
Instrument :
BNA_F
ClientSampled :

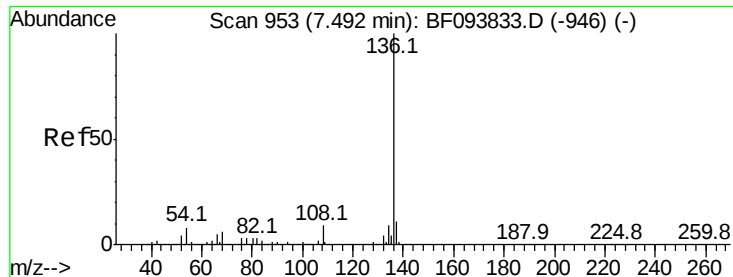
Tot Ion:	107	Resp:	75774
Ion	Ratio	Lower	Upper
107	100		
108	115.5	93.4	140.0
77	47.2	35.8	53.6
79	48.2	34.8	52.2



#20
3+4-Methylphenols
Concen: 6.69 ng
RT: 6.33 min Scan# 756
Delta R.T. -0.02 min
Lab File: BF094361.D
Acq: 11 Apr 2017 20:19

Tgt Ion:	107	Resp:	64240
Ion	Ratio	Lower	Upper
107	100		
108	94.9	71.0	111.0
77	32.9	90.5	130.5#
79	29.7	8.4	48.4

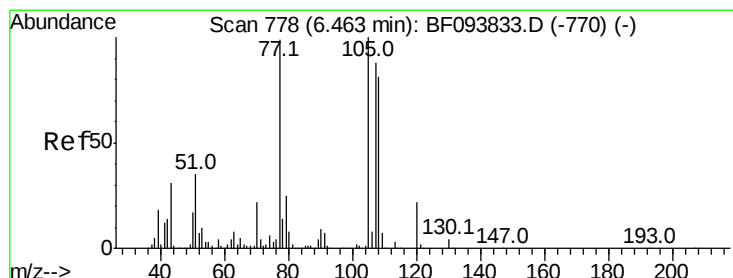
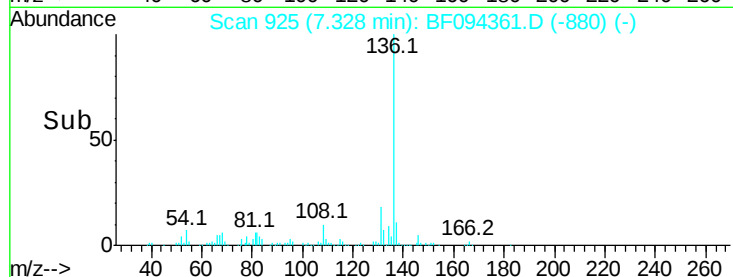
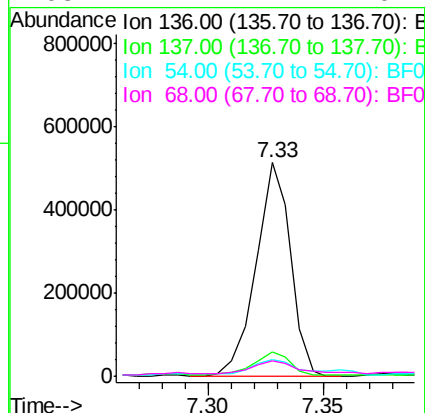
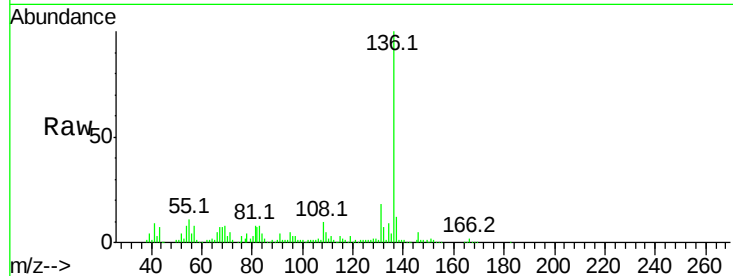




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.33 min Scan# 925
Delta R.T. -0.04 min
Lab File: BF094361.D
Acq: 11 Apr 2017 20:19

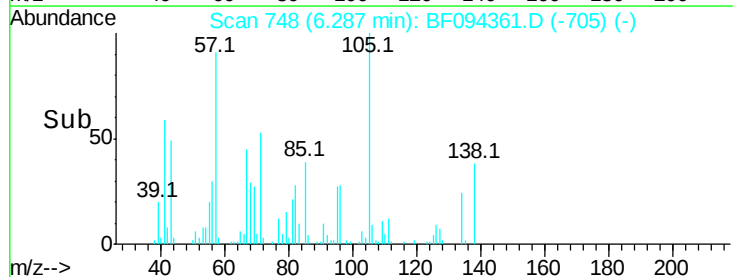
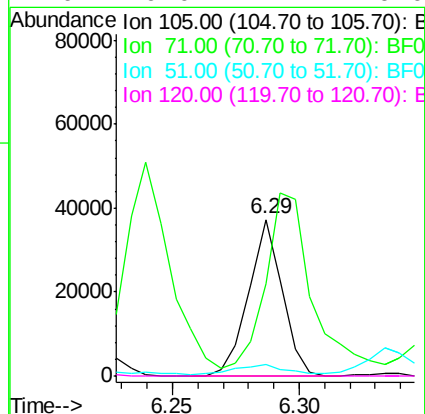
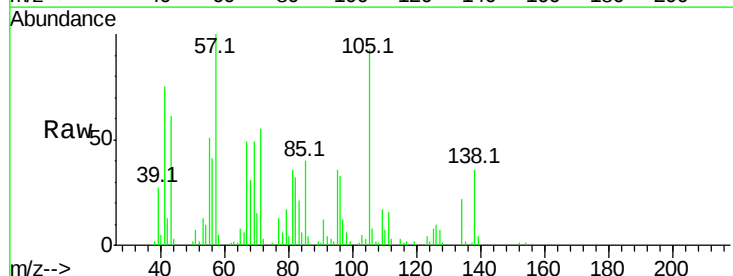
Instrument :
BNA_F
ClientSampleId :

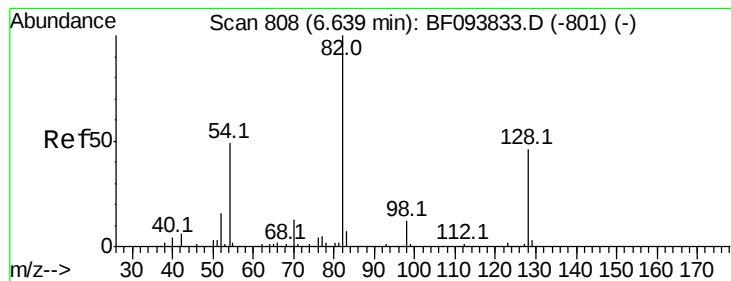
Tot Ion:136	Resp:	532115
Ion Ratio	Lower	Upper
136 100		
137 11.6	8.5	12.7
54 8.1	4.9	7.3#
68 7.1	4.1	6.1#



#22
Acetophenone
Concen: 2.91 ng
RT: 6.29 min Scan# 748
Delta R.T. -0.05 min
Lab File: BF094361.D
Acq: 11 Apr 2017 20:19

Tgt Ion:105	Resp:	34551
Ion Ratio	Lower	Upper
105 100		
71 58.9	2.8	4.2#
51 7.5	30.7	46.1#
120 0.0	17.4	26.0#





#23

Nitrobenzene-d5

Concen: 68.47 ng

RT: 6.47 min Scan# 780

Delta R.T. -0.04 min

Lab File: BF094361.D

Acq: 11 Apr 2017 20:19

Instrument :

BNA_F

ClientSampleId :

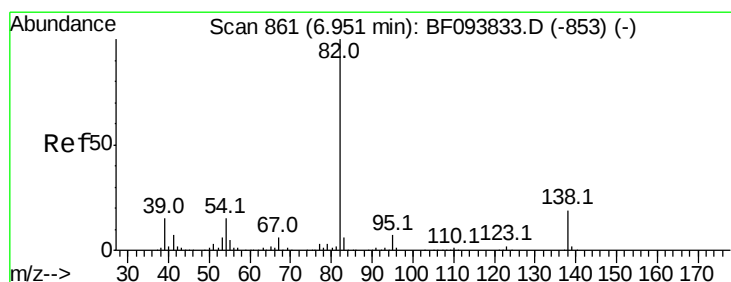
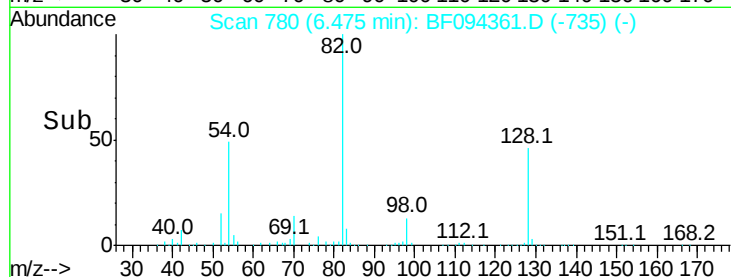
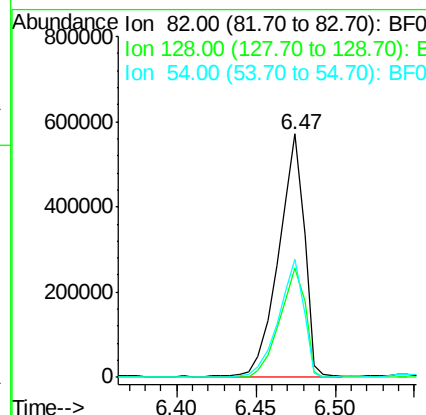
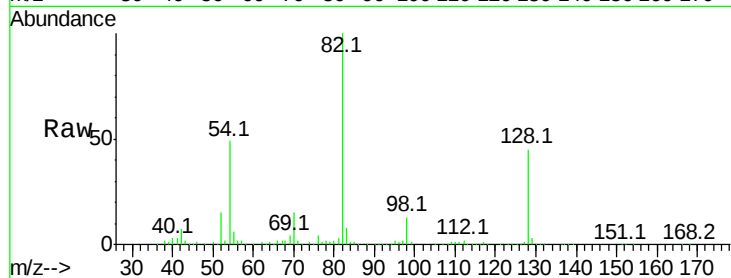
Tot Ion: 82 Resp: 638406

Ion Ratio Lower Upper

82 100

128 45.1 34.0 51.0

54 48.6 42.2 63.2



#25

Isophorone

Concen: 4.86 ng

RT: 6.78 min Scan# 832

Delta R.T. -0.04 min

Lab File: BF094361.D

Acq: 11 Apr 2017 20:19

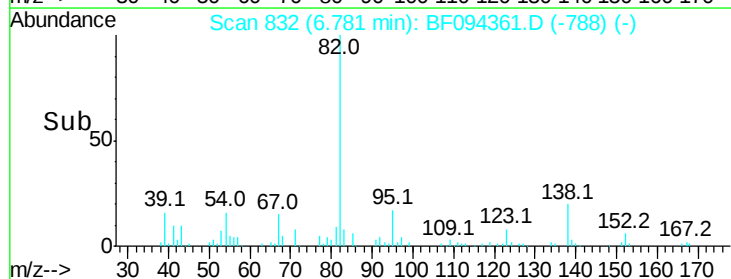
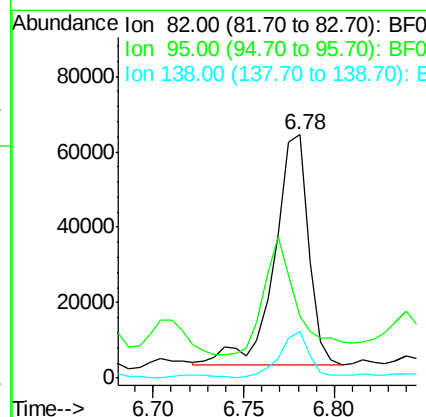
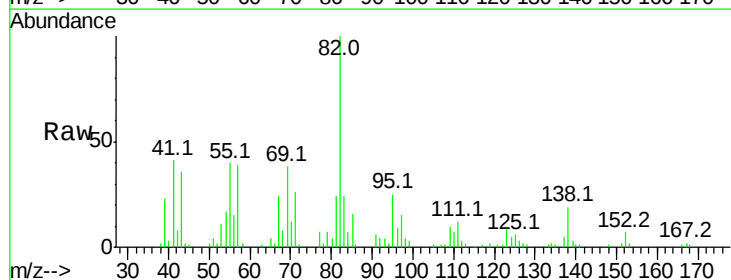
Tgt Ion: 82 Resp: 79581

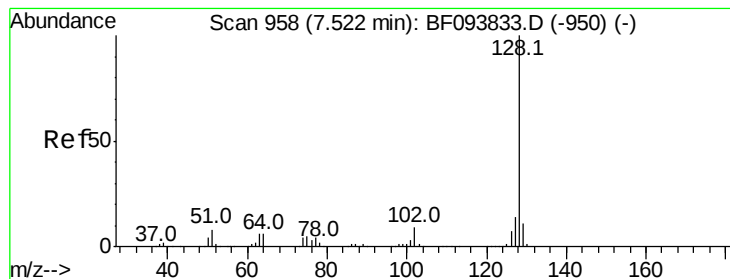
Ion Ratio Lower Upper

82 100

95 25.4 5.3 7.9#

138 19.3 13.1 19.7





#31

Naphthalene

Concen: 2.69 ng

RT: 7.36 min Scan# 930

Delta R.T. -0.03 min

Lab File: BF094361.D

Acq: 11 Apr 2017 20:19

Instrument :

BNA_F

ClientSampleId :

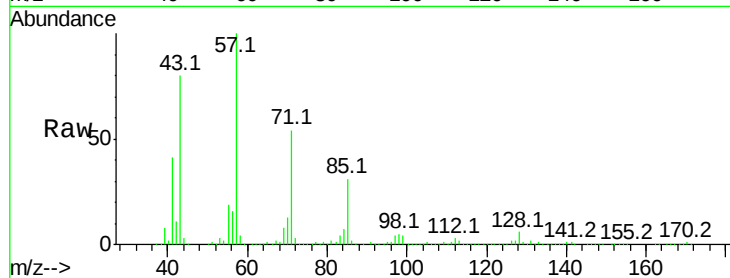
Tot Ion:128 Resp: 68953

Ion Ratio Lower Upper

128 100

129 12.5 9.0 13.6

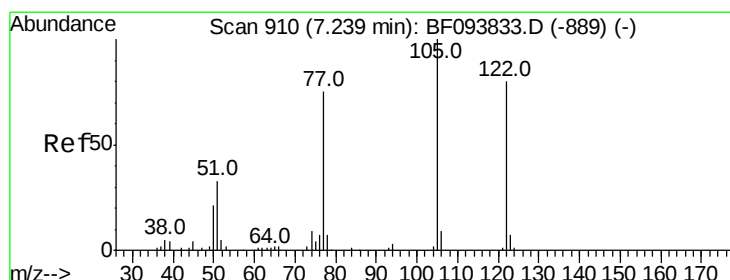
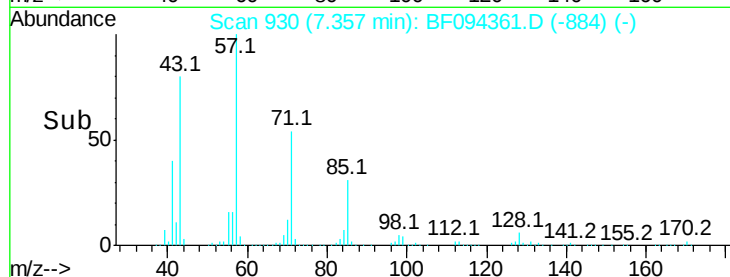
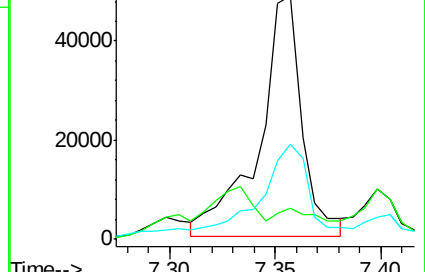
127 39.0 10.8 16.2#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 8.91 ng

RT: 7.12 min Scan# 889

Delta R.T. -0.03 min

Lab File: BF094361.D

Acq: 11 Apr 2017 20:19

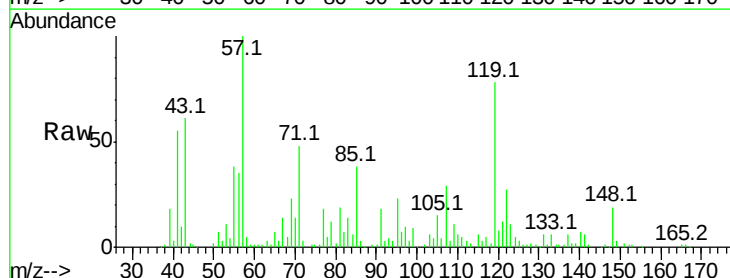
Tgt Ion:122 Resp: 44803

Ion Ratio Lower Upper

122 100

105 55.1 103.3 143.3#

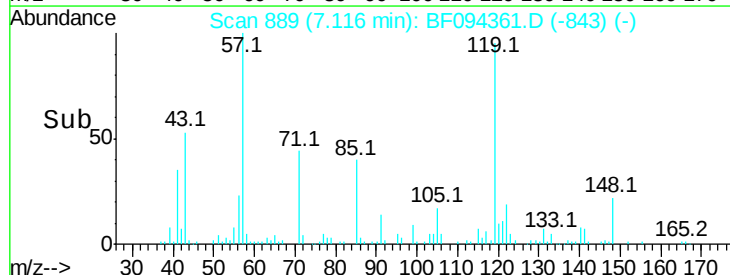
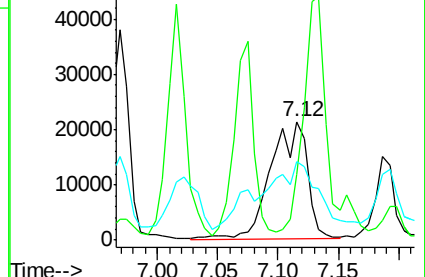
77 65.9 73.7 113.7#

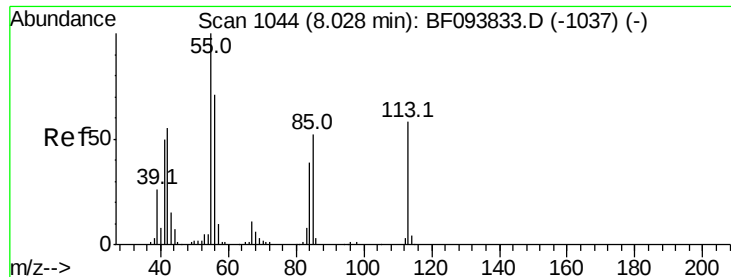


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#35

Caprolactam

Concen: 28.26 ng

RT: 7.90 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF094361.D

Acq: 11 Apr 2017 20:19

Instrument :

BNA_F

ClientSampled :

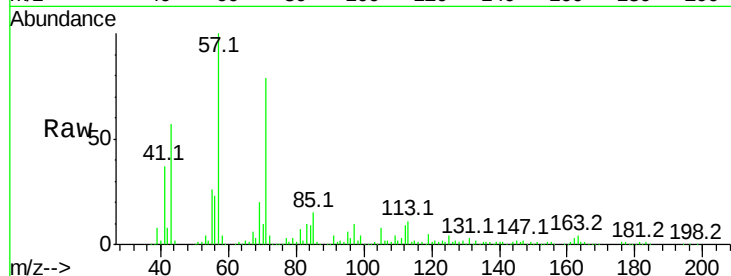
Tot Ion:113 Resp: 63664

Ion Ratio Lower Upper

113 100

55 241.0 150.2 190.2#

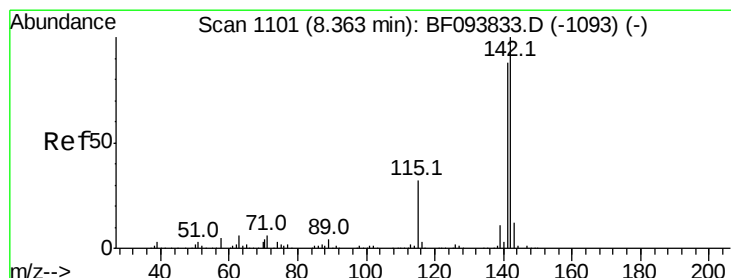
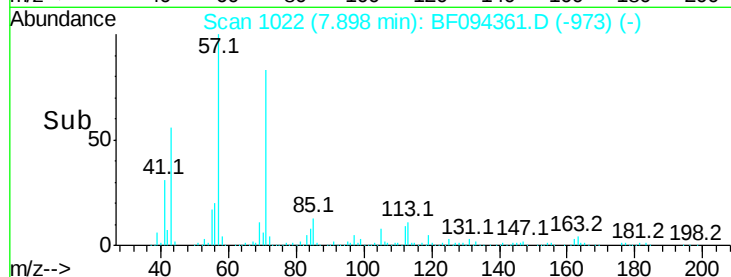
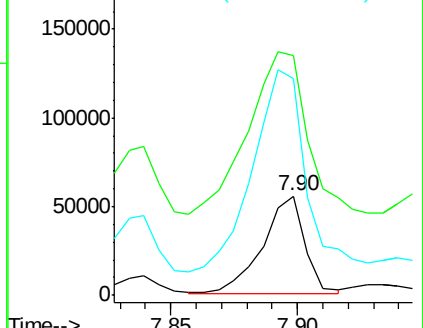
56 218.7 107.8 147.8#



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: 24.38 ng

RT: 8.20 min Scan# 1074

Delta R.T. -0.02 min

Lab File: BF094361.D

Acq: 11 Apr 2017 20:19

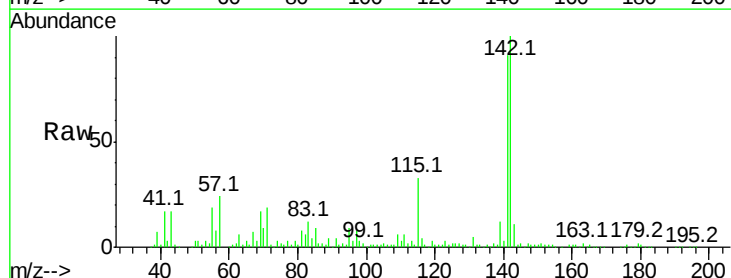
Tgt Ion:142 Resp: 415806

Ion Ratio Lower Upper

142 100

141 91.4 71.3 106.9

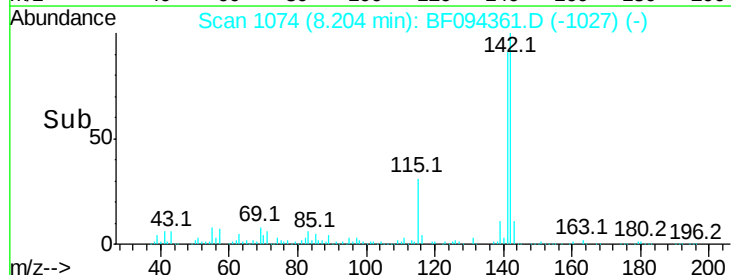
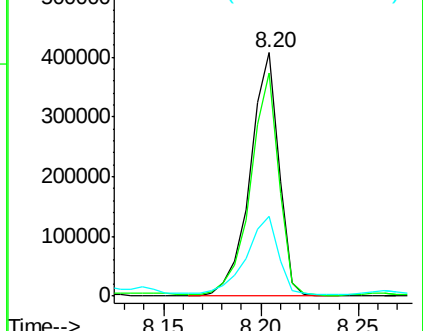
115 32.7 27.1 40.7

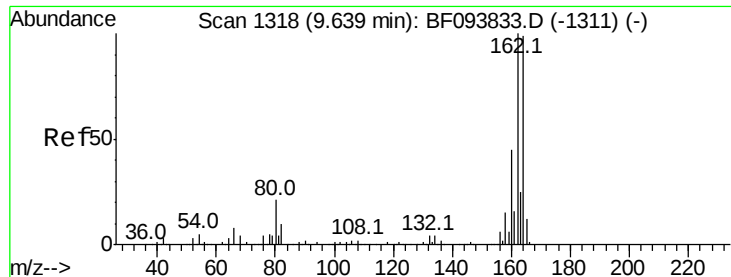


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.47 min Scan# 1290

Delta R.T. -0.02 min

Lab File: BF094361.D

Acq: 11 Apr 2017 20:19

Instrument :
BNA_F
ClientSampleId :

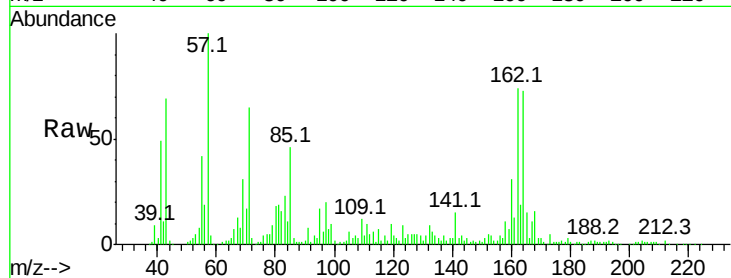
Tot Ion:164 Resp: 192623

Ion Ratio Lower Upper

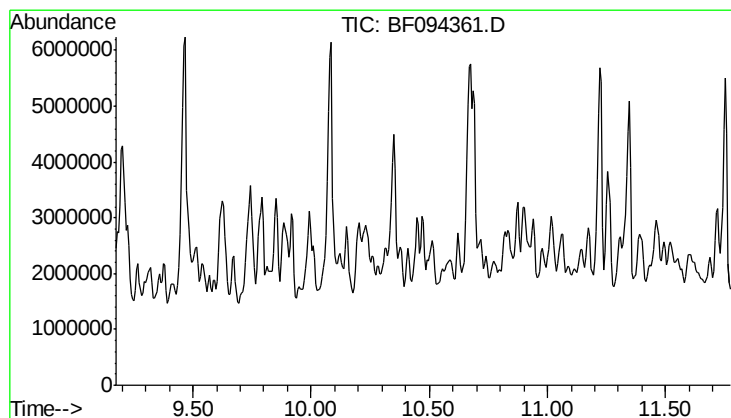
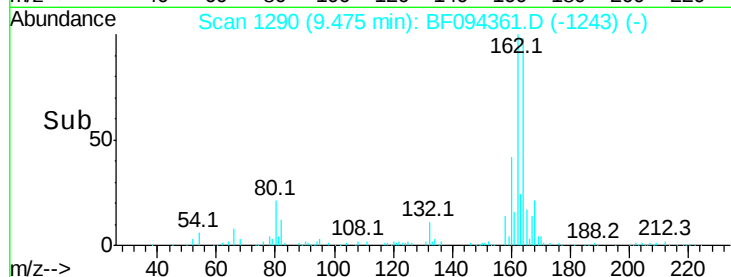
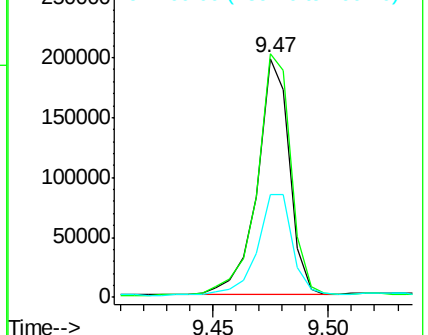
164 100

162 102.0 82.6 123.8

160 43.2 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: 0.00 ng

Expected RT: 10.47 min

Lab File: BF094361.D

Acq: 11 Apr 2017 20:19

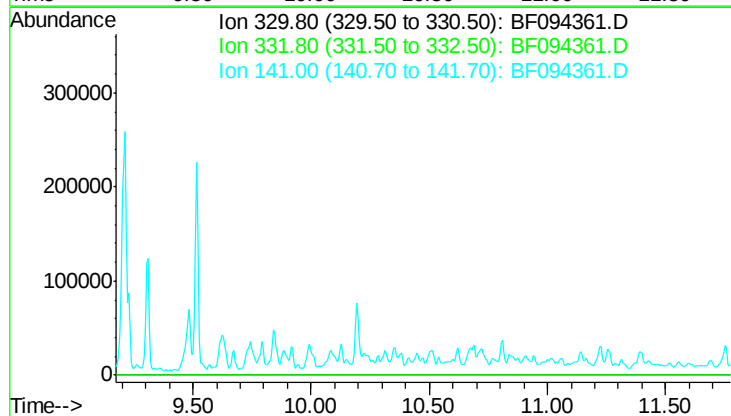
Tgt Ion: 330

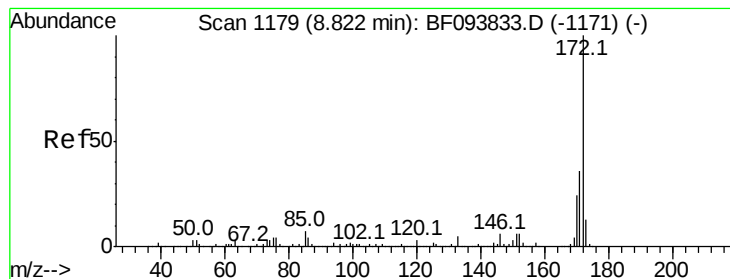
Sig Exp Ratio

330 100

332 95.8

141 39.3

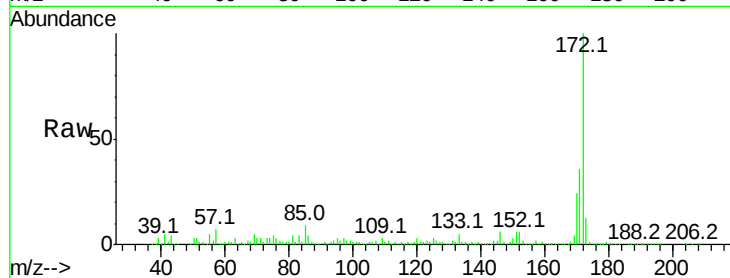




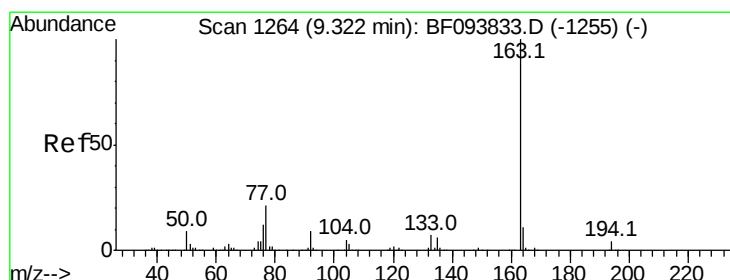
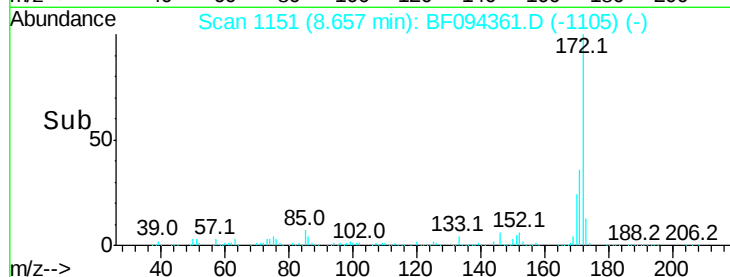
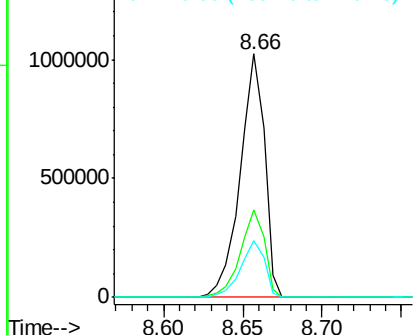
#44
2-Fluorobiphenyl
Concen: 86.28 ng
RT: 8.66 min Scan# 1151
Delta R.T. -0.03 min
Lab File: BF094361.D
Acq: 11 Apr 2017 20:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1089560
Ion Ratio Lower Upper
172 100
171 36.1 29.6 44.4
170 23.5 19.8 29.8

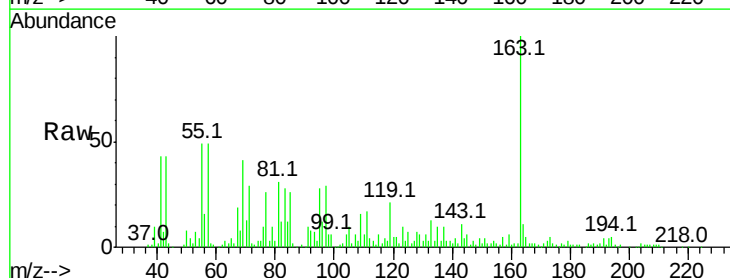


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

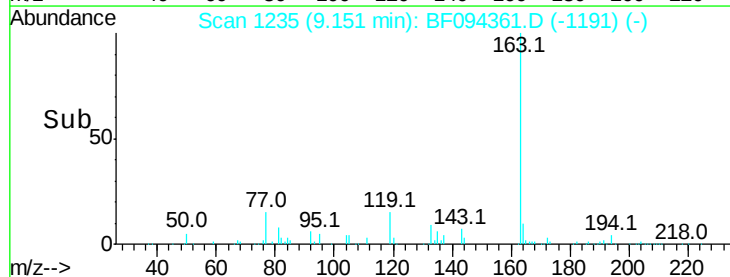
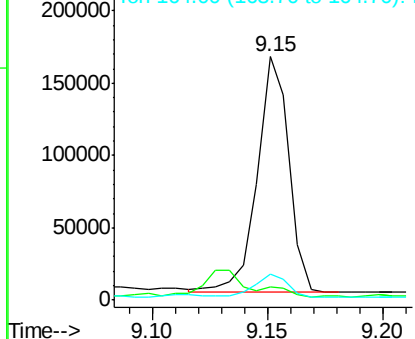


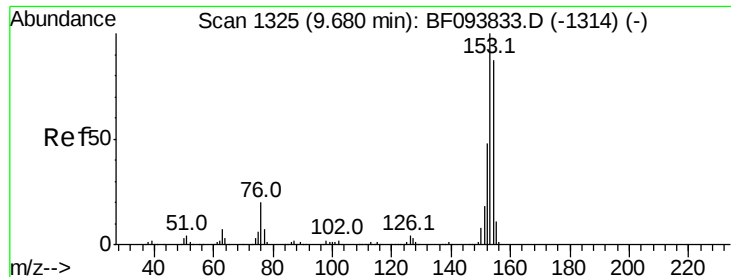
#49
Dimethylphthalate
Concen: 11.40 ng
RT: 9.15 min Scan# 1235
Delta R.T. -0.04 min
Lab File: BF094361.D
Acq: 11 Apr 2017 20:19

Tgt Ion:163 Resp: 156095
Ion Ratio Lower Upper
163 100
194 5.2 2.6 4.0#
164 10.9 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





#51

Acenaphthene

Concen: 3.91 ng

RT: 9.52 min Scan# 1297

Delta R.T. -0.03 min

Lab File: BF094361.D

Acq: 11 Apr 2017 20:19

Instrument :

BNA_F

ClientSampleId :

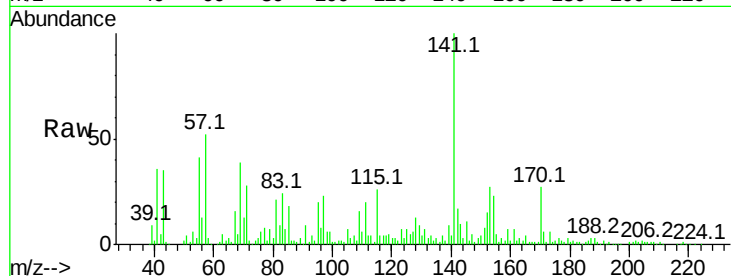
Tot Ion:154 Resp: 46081

Ion Ratio Lower Upper

154 100

153 120.9 90.5 135.7

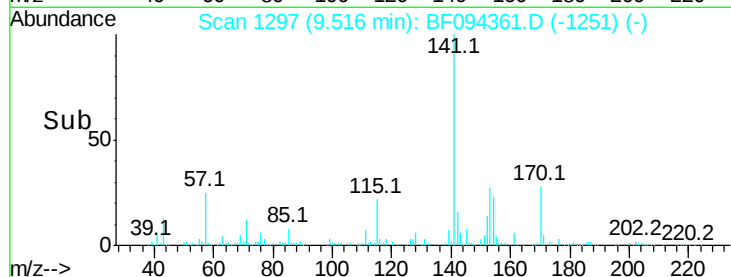
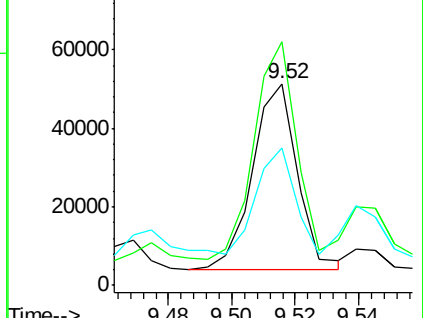
152 68.0 43.6 65.4#



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: 4.88 ng

RT: 9.56 min Scan# 1304

Delta R.T. -0.04 min

Lab File: BF094361.D

Acq: 11 Apr 2017 20:19

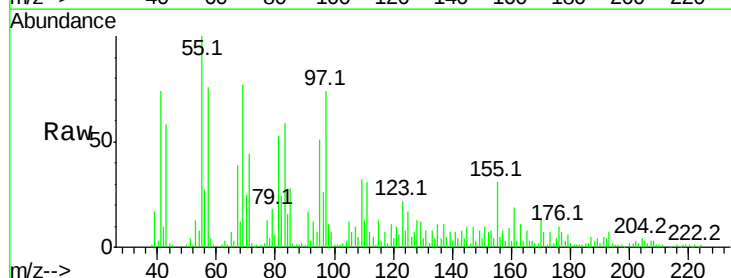
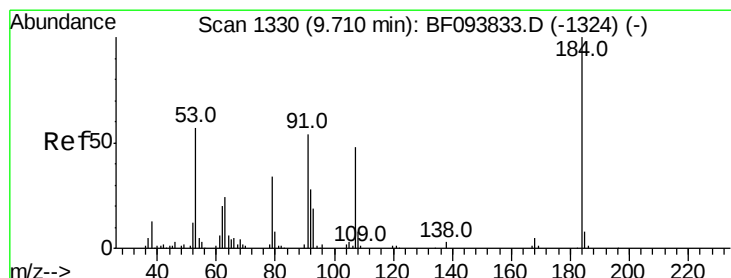
Tgt Ion:184 Resp: 394

Ion Ratio Lower Upper

184 100

63 452.5 62.7 94.1#

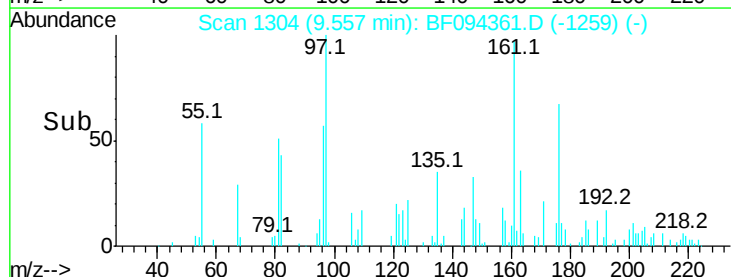
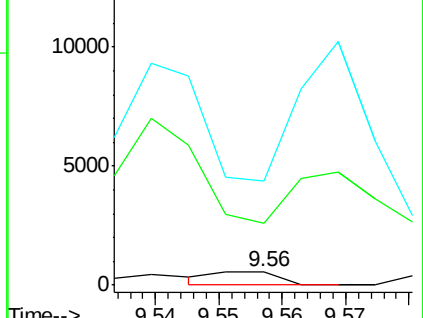
154 770.7 81.1 121.7#

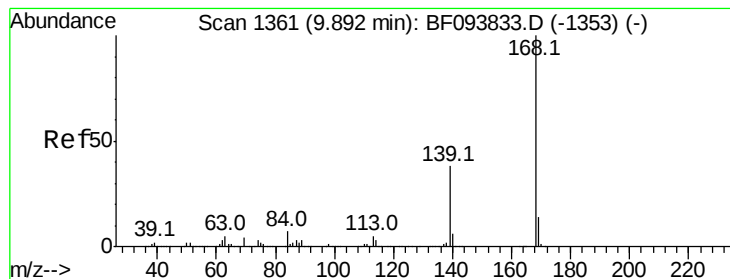


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 3.60 ng

RT: 9.73 min Scan# 1333

Delta R.T. -0.03 min

Lab File: BF094361.D

Acq: 11 Apr 2017 20:19

Instrument :

BNA_F

ClientSampleId :

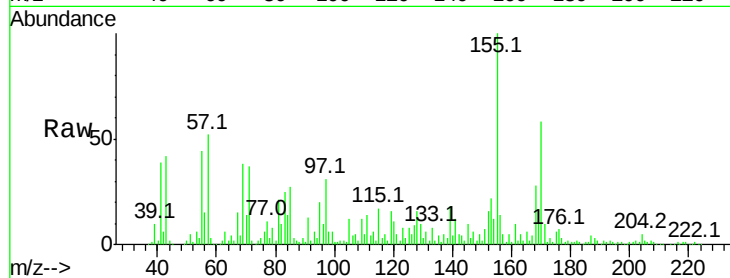
Tot Ion:168 Resp: 57782

Ion Ratio Lower Upper

168 100

139 65.2 30.6 45.8#

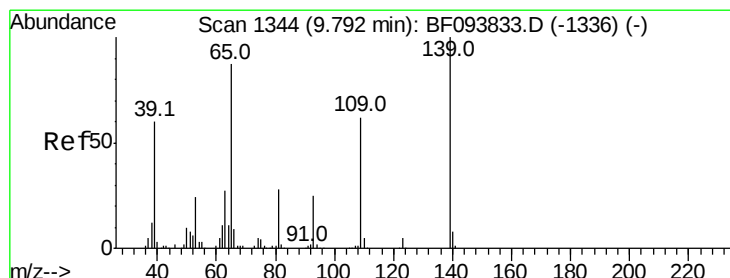
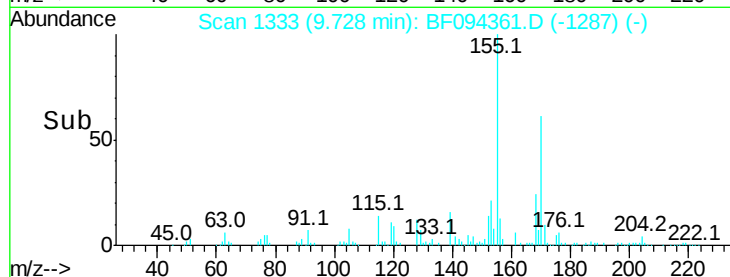
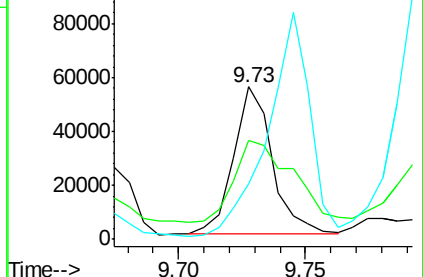
169 36.5 10.8 16.2#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 3.96 ng

RT: 9.67 min Scan# 1324

Delta R.T. -0.02 min

Lab File: BF094361.D

Acq: 11 Apr 2017 20:19

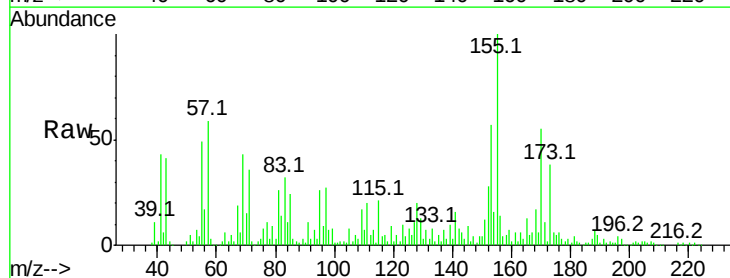
Tgt Ion:139 Resp: 11442

Ion Ratio Lower Upper

139 100

109 181.9 34.1 74.1#

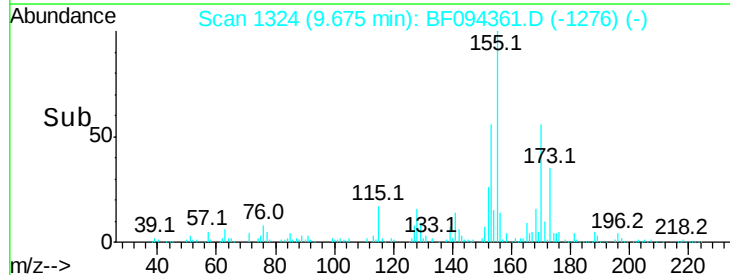
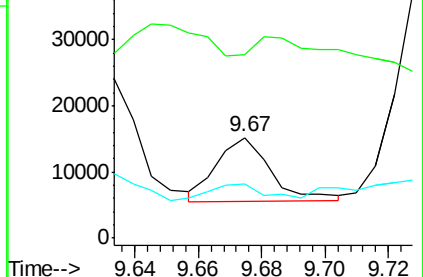
65 54.2 31.4 71.4

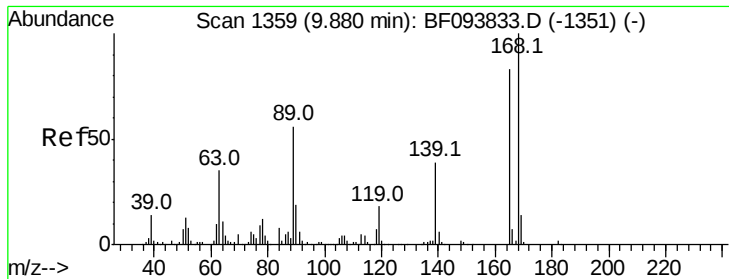


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#56

2,4-Dinitrotoluene

Concen: 8.18 ng

RT: 9.75 min Scan# 1336

Delta R.T. -0.01 min

Lab File: BF094361.D

Acq: 11 Apr 2017 20:19

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 32262

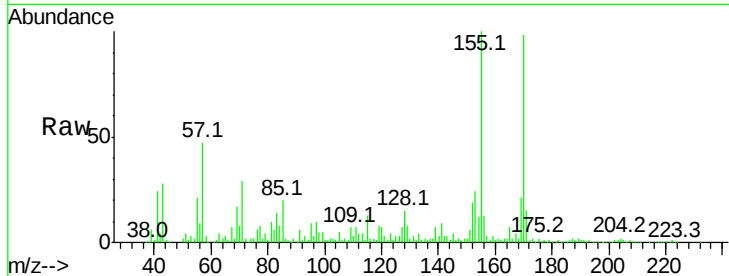
Ion Ratio Lower Upper

165 100

63 66.4 25.4 38.0#

89 32.0 46.4 69.6#

182 10.8 1.8 2.6#

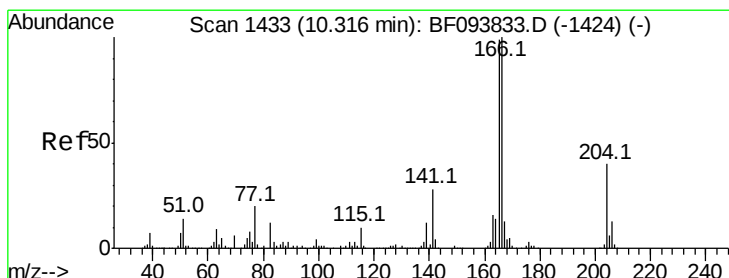
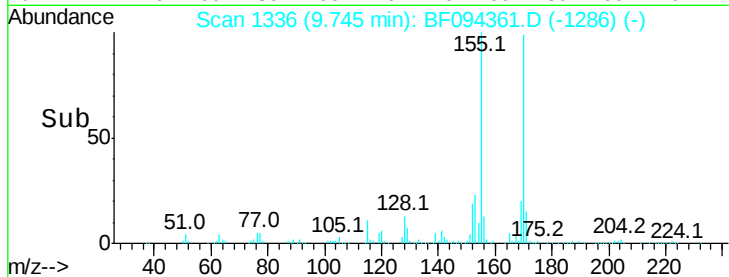
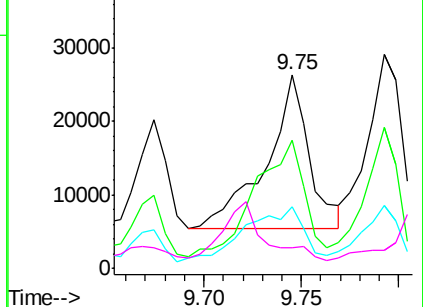


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 10.37 ng

RT: 10.15 min Scan# 1405

Delta R.T. -0.02 min

Lab File: BF094361.D

Acq: 11 Apr 2017 20:19

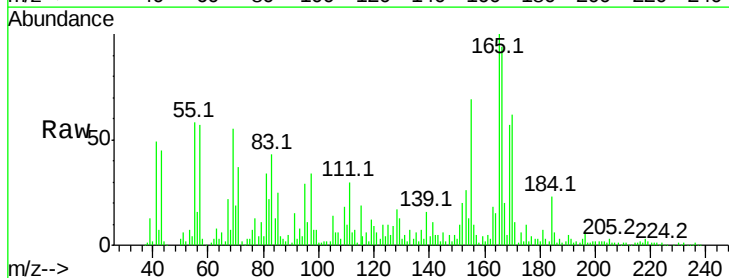
Tgt Ion:166 Resp: 138125

Ion Ratio Lower Upper

166 100

165 106.7 78.8 118.2

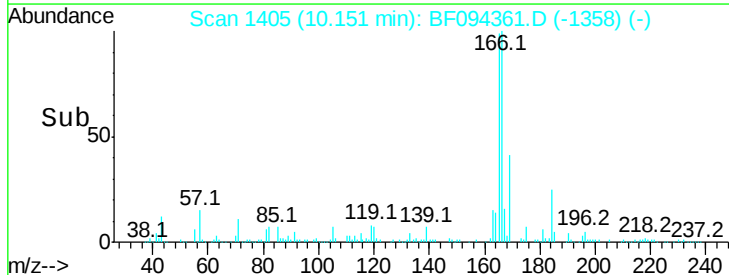
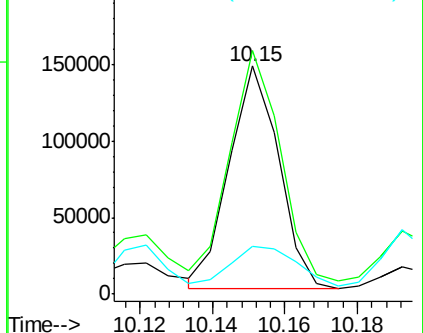
167 21.1 10.6 16.0#

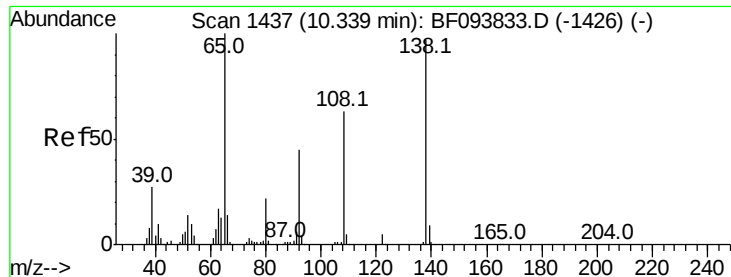


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

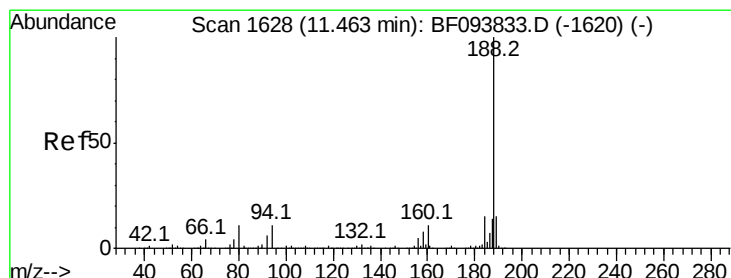
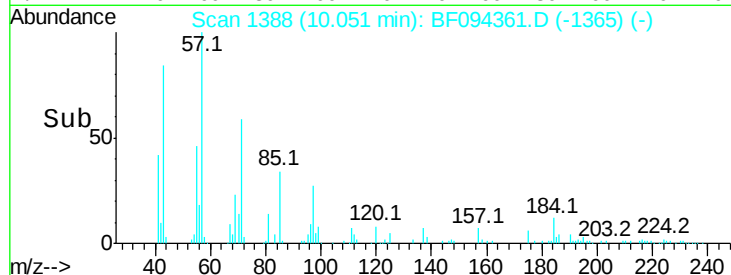
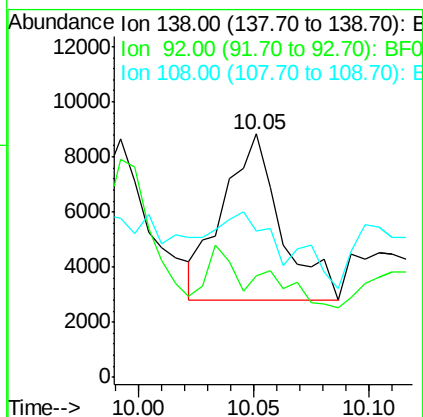
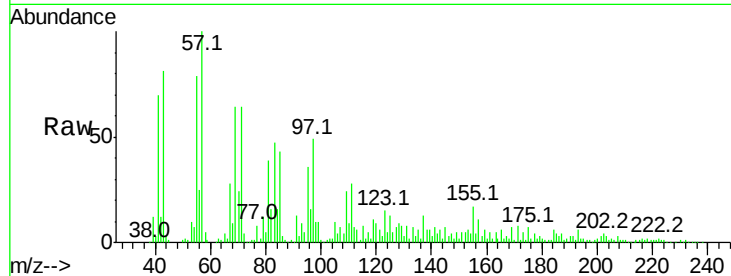




#61
4-Nitroaniline
Concen: 2.96 ng
RT: 10.05 min Scan# 1388
Delta R.T. -0.16 min
Lab File: BF094361.D
Acq: 11 Apr 2017 20:19

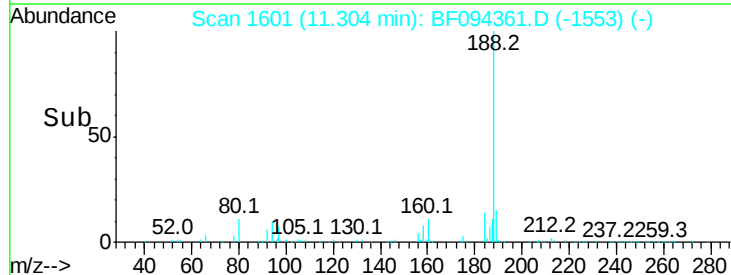
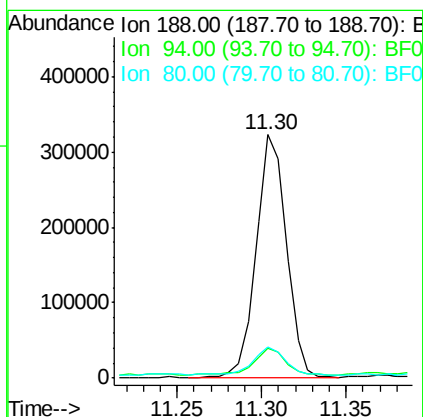
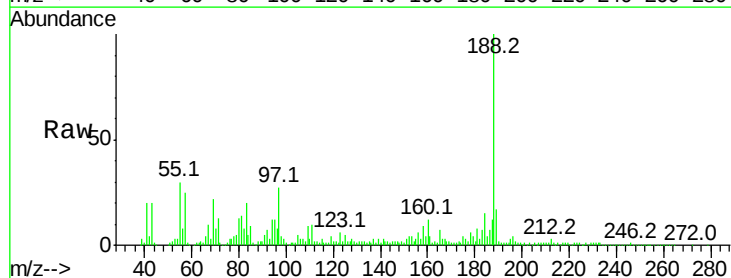
Instrument :
BNA_F
ClientSampled :

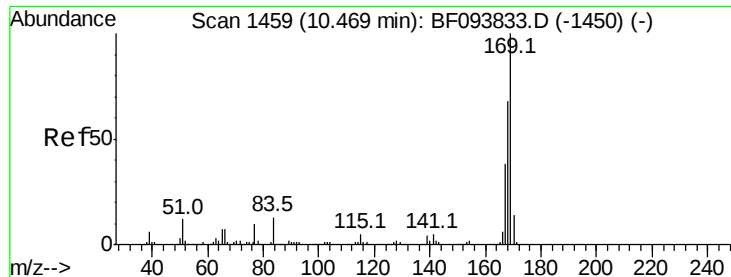
Tot Ion:138 Resp: 10482
Ion Ratio Lower Upper
138 100
92 41.7 21.8 61.8
108 60.3 42.3 82.3



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 1601
Delta R.T. -0.02 min
Lab File: BF094361.D
Acq: 11 Apr 2017 20:19

Tgt Ion:188 Resp: 401553
Ion Ratio Lower Upper
188 100
94 12.1 9.4 14.2
80 12.9 10.2 15.2





#65

n-Nitrosodiphenylamine

Concen: 19.93 ng

RT: 10.22 min Scan# 1417

Delta R.T. -0.11 min

Lab File: BF094361.D

Acq: 11 Apr 2017 20:19

Instrument :

BNA_F

ClientSampleId :

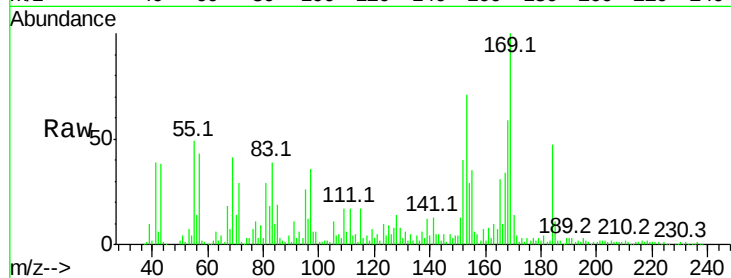
Tot Ion:169 Resp: 276759

Ion Ratio Lower Upper

169 100

168 59.1 53.2 79.8

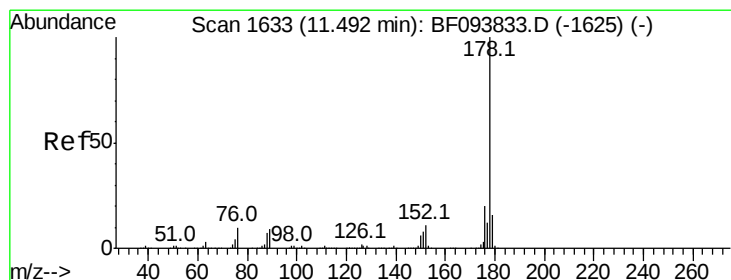
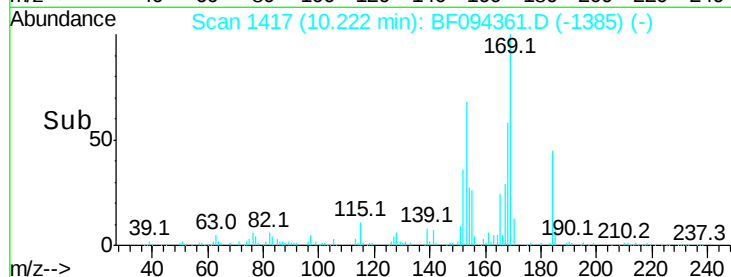
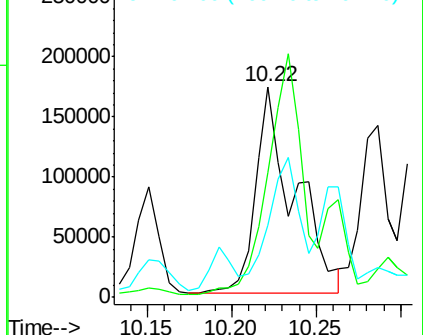
167 34.4 29.5 44.3



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: 93.87 ng

RT: 11.35 min Scan# 1608

Delta R.T. -0.01 min

Lab File: BF094361.D

Acq: 11 Apr 2017 20:19

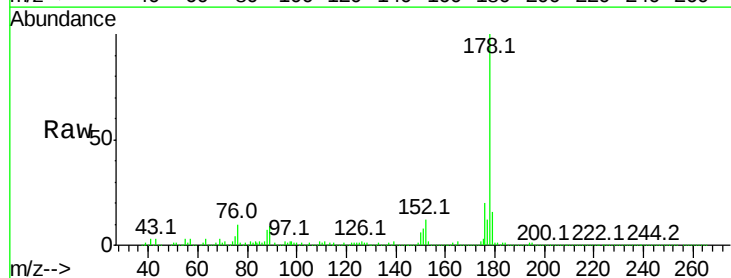
Tgt Ion:178 Resp: 2096718

Ion Ratio Lower Upper

178 100

176 20.3 16.2 24.4

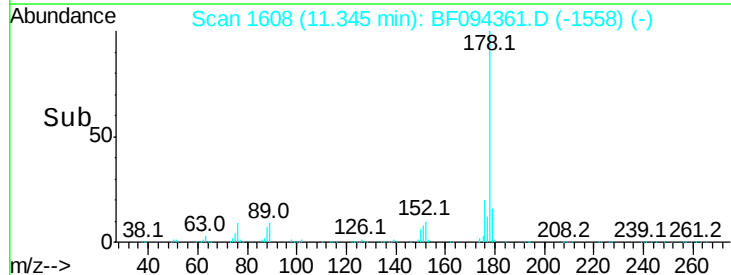
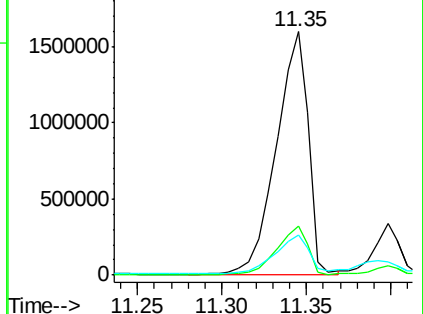
179 16.4 12.6 19.0

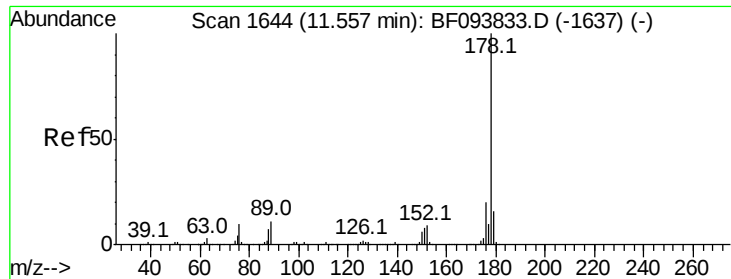


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 91.16 ng

RT: 11.35 min Scan# 1608

Delta R.T. -0.07 min

Lab File: BF094361.D

Acq: 11 Apr 2017 20:19

Instrument :

BNA_F

ClientSampleId :

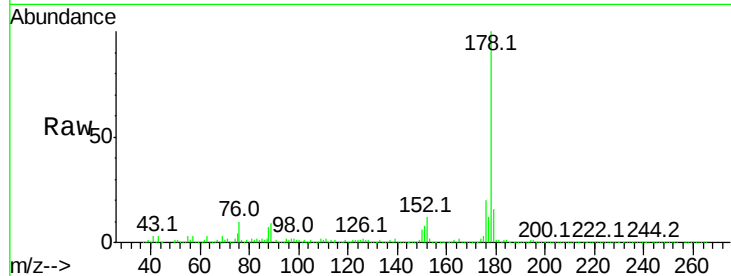
Tot Ion:178 Resp: 2096718

Ion Ratio Lower Upper

178 100

176 20.3 15.8 23.8

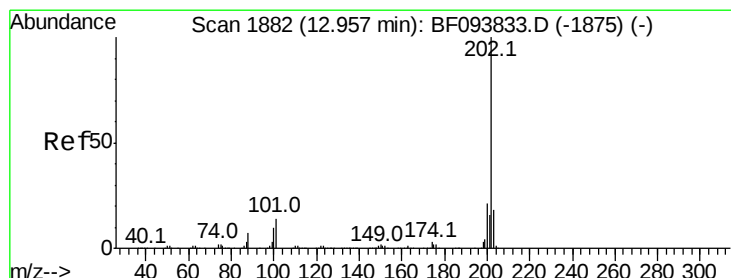
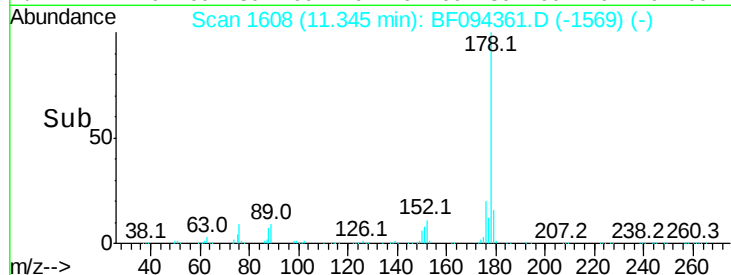
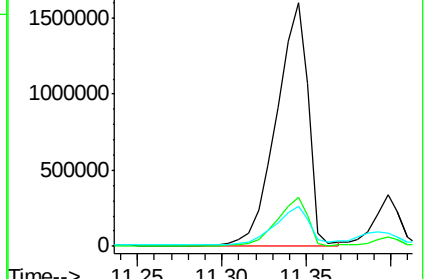
179 16.4 12.7 19.1



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



#74

Fluoranthene

Concen: 21.68 ng

RT: 12.80 min Scan# 1855

Delta R.T. -0.02 min

Lab File: BF094361.D

Acq: 11 Apr 2017 20:19

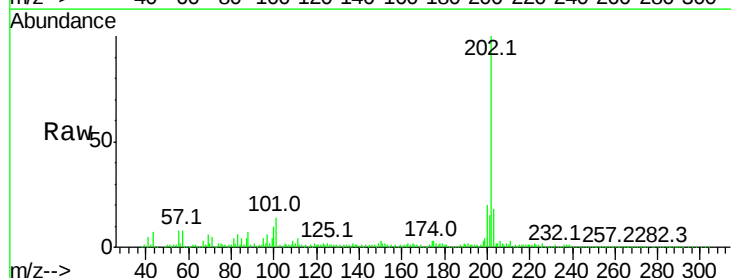
Tgt Ion:202 Resp: 495839

Ion Ratio Lower Upper

202 100

101 14.2 0.0 33.2

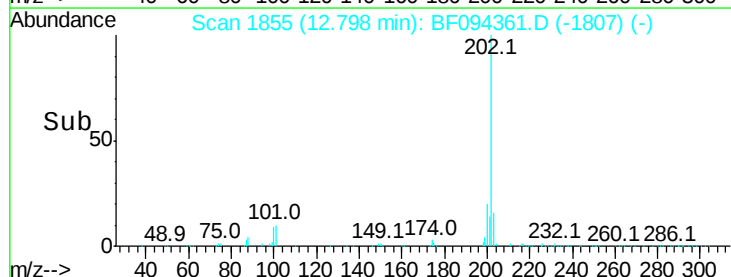
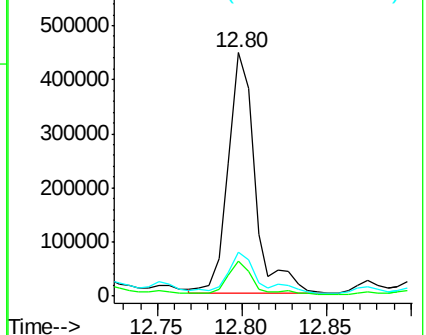
203 18.1 0.0 38.1

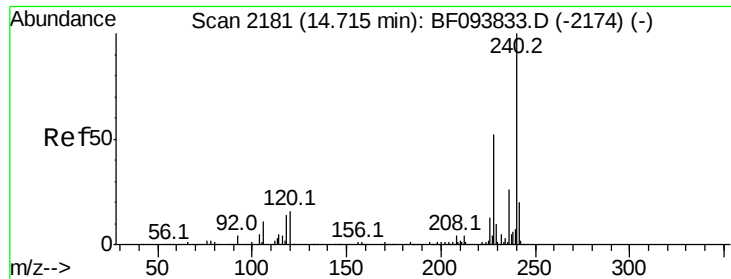


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.54 min Scan# 2152

Delta R.T. -0.03 min

Lab File: BF094361.D

Acq: 11 Apr 2017 20:19

Instrument :

BNA_F

ClientSampleId :

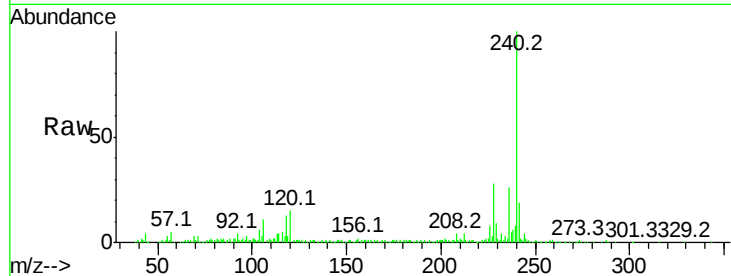
Tot Ion:240 Resp: 292355

Ion Ratio Lower Upper

240 100

120 14.9 5.8 8.8#

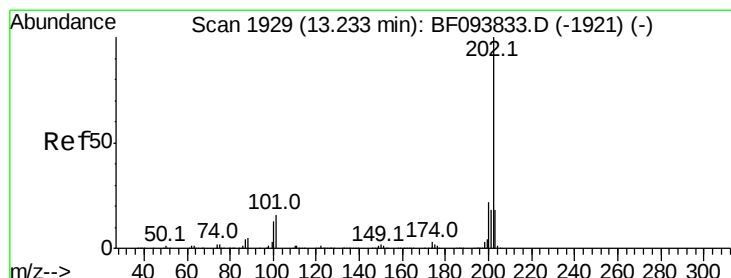
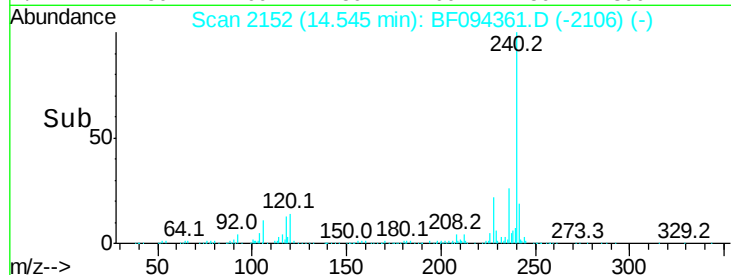
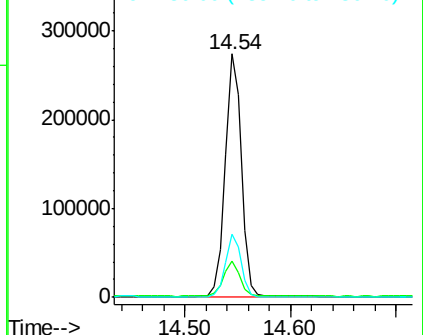
236 25.8 20.5 30.7



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: 80.69 ng

RT: 13.08 min Scan# 1903

Delta R.T. -0.01 min

Lab File: BF094361.D

Acq: 11 Apr 2017 20:19

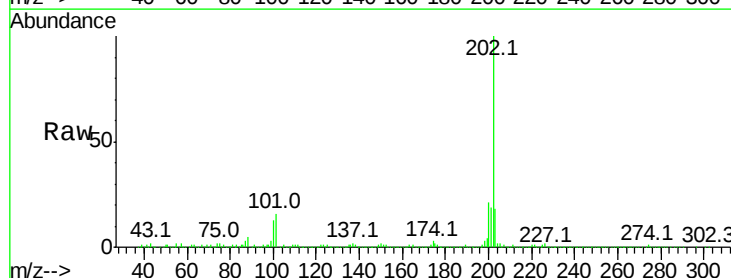
Tgt Ion:202 Resp: 1711976

Ion Ratio Lower Upper

202 100

200 21.5 17.6 26.4

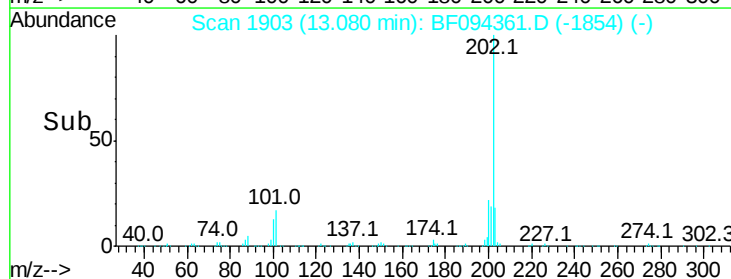
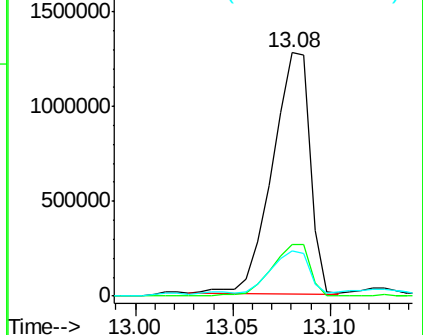
203 18.4 14.4 21.6

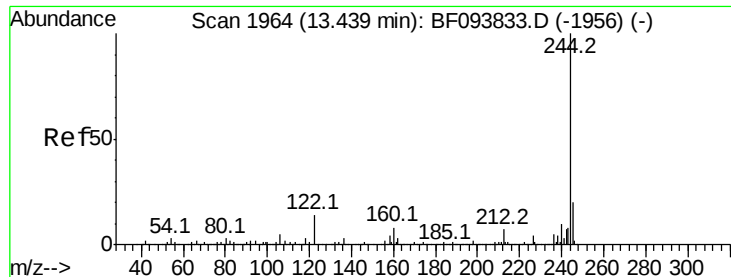


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 67.14 ng

RT: 13.28 min Scan# 1937

Delta R.T. -0.02 min

Lab File: BF094361.D

Acq: 11 Apr 2017 20:19

Instrument :

BNA_F

ClientSampleId :

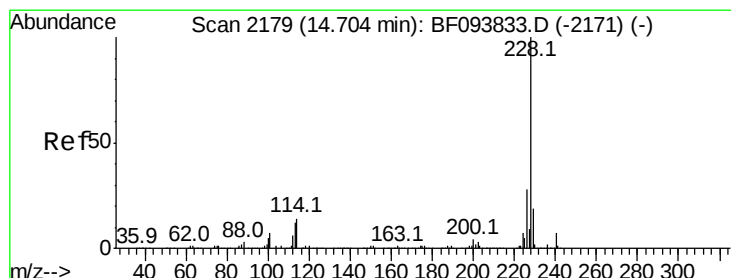
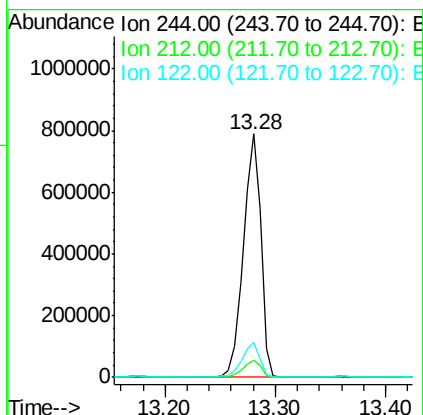
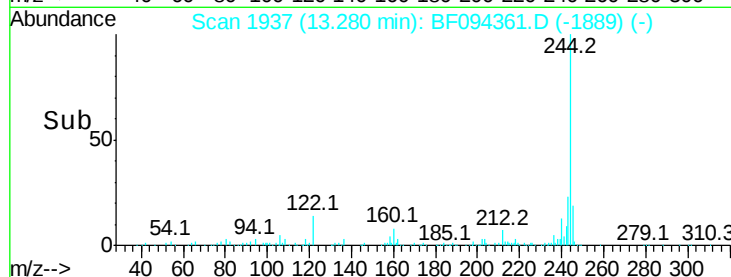
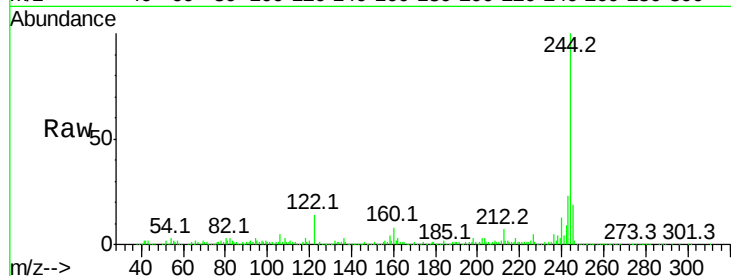
Tot Ion:244 Resp: 875699

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

122 14.2 10.3 15.5



#80

Benzo(a)anthracene

Concen: 14.09 ng

RT: 14.53 min Scan# 2150

Delta R.T. -0.03 min

Lab File: BF094361.D

Acq: 11 Apr 2017 20:19

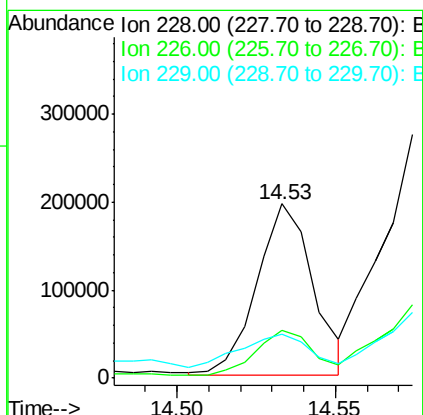
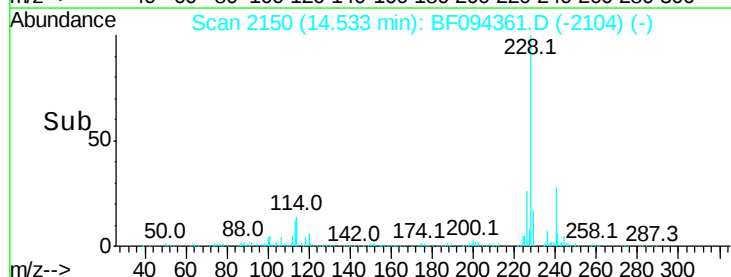
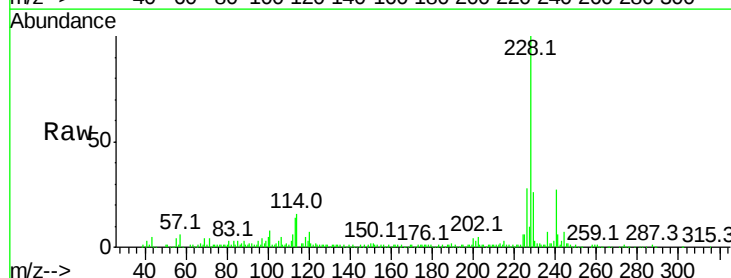
Tgt Ion:228 Resp: 240246

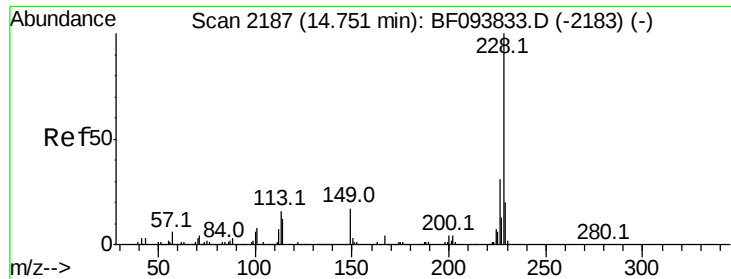
Ion Ratio Lower Upper

228 100

226 27.5 22.6 33.8

229 25.6 16.3 24.5#





#82

Chrysene

Concen: 24.33 ng

RT: 14.58 min Scan# 2158

Delta R.T. -0.03 min

Lab File: BF094361.D

Acq: 11 Apr 2017 20:19

Instrument :

BNA_F

ClientSampleId :

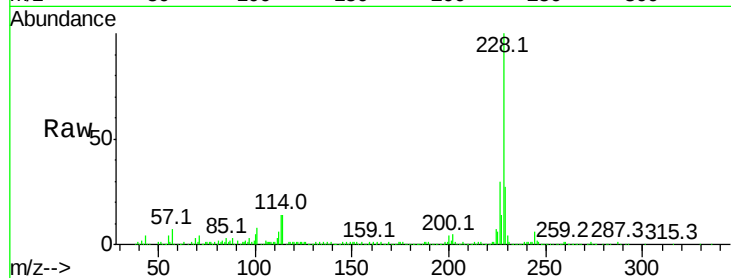
Tot Ion:228 Resp: 384926

Ion Ratio Lower Upper

228 100

226 30.3 24.9 37.3

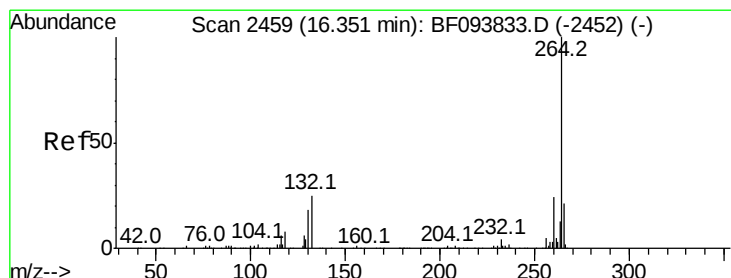
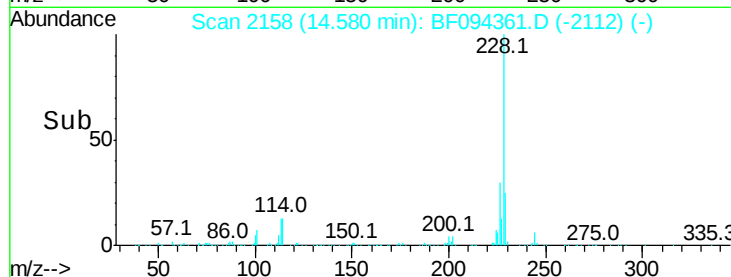
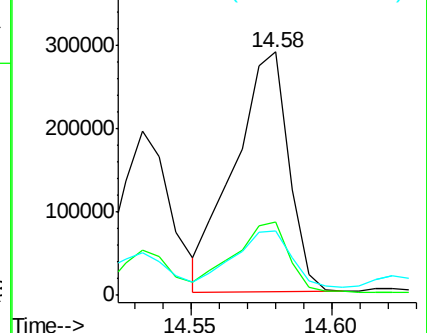
229 26.6 15.8 23.6#



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 16.17 min Scan# 2428

Delta R.T. -0.02 min

Lab File: BF094361.D

Acq: 11 Apr 2017 20:19

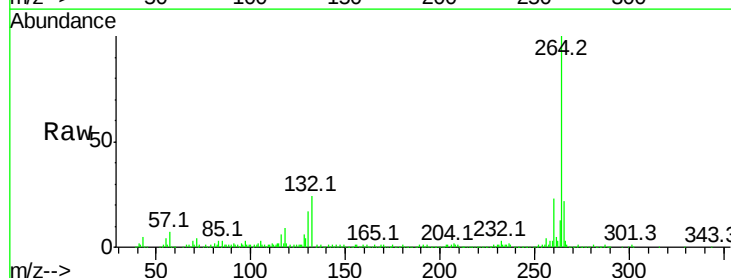
Tgt Ion:264 Resp: 247644

Ion Ratio Lower Upper

264 100

260 23.1 19.5 29.3

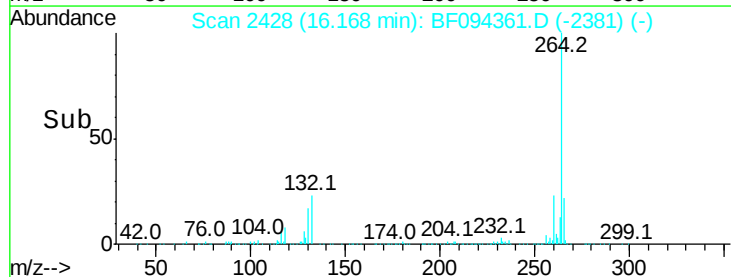
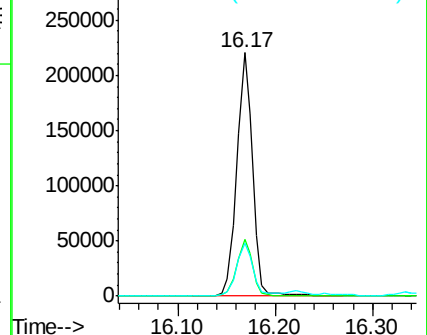
265 21.9 17.2 25.8

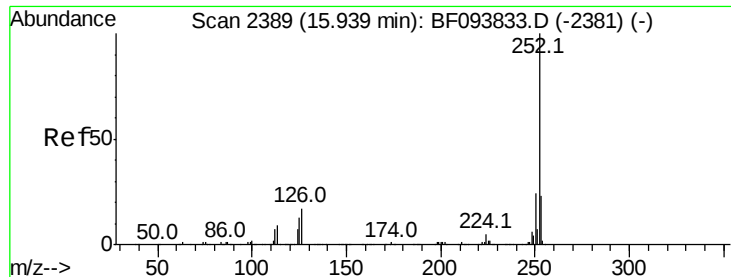


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

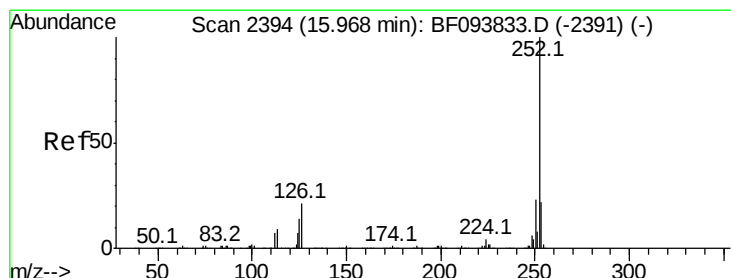
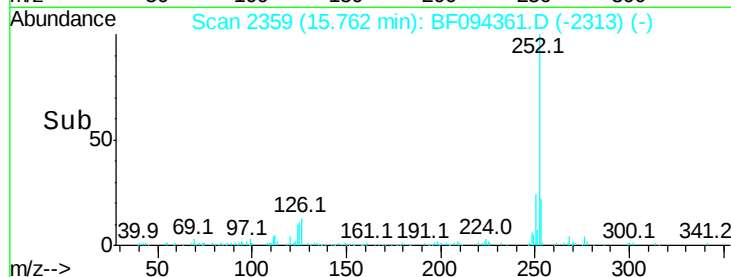
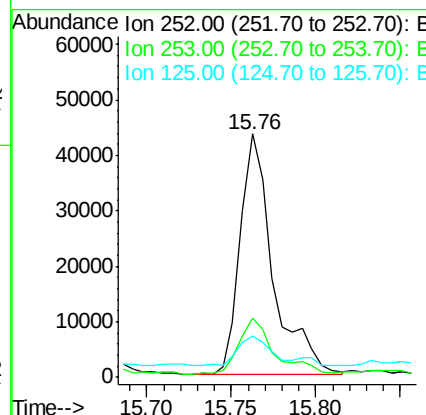
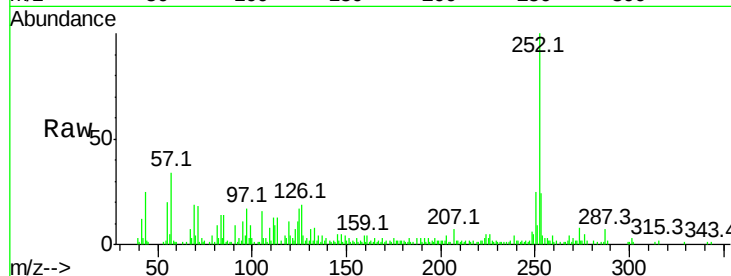




#87
Benzo(b)fluoranthene
Concen: 3.91 ng
RT: 15.76 min Scan# 2359
Delta R.T. -0.03 min
Lab File: BF094361.D
Acq: 11 Apr 2017 20:19

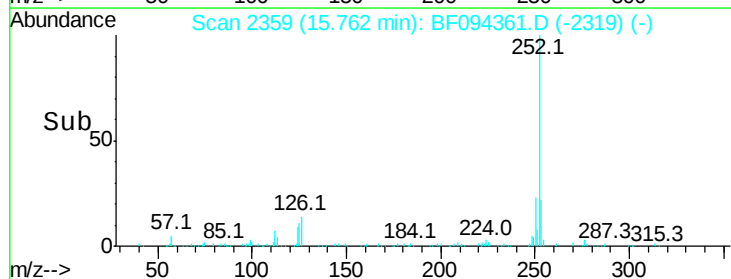
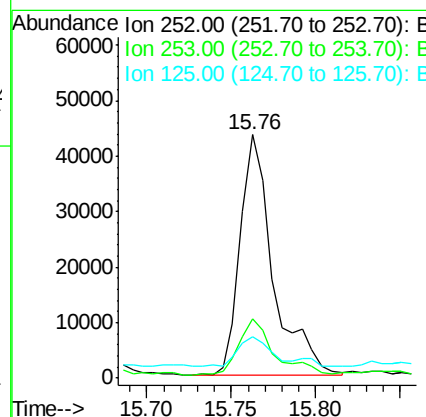
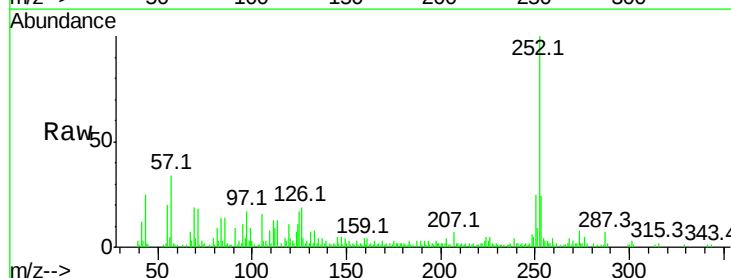
Instrument :
BNA_F
ClientSampleId :

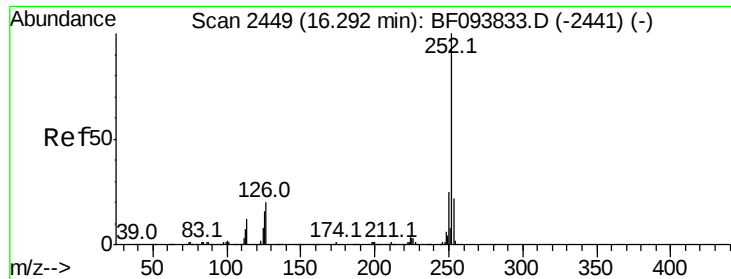
Tot Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.1	27.1
125	17.1	9.8	14.8



#88
Benzo(k)fluoranthene
Concen: 3.99 ng
RT: 15.76 min Scan# 2359
Delta R.T. -0.06 min
Lab File: BF094361.D
Acq: 11 Apr 2017 20:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.4	27.6
125	17.1	13.1	19.7





#89

Benzo(a)pyrene

Concen: 2.53 ng

RT: 16.11 min Scan# 2418

Delta R.T. -0.03 min

Lab File: BF094361.D

Acq: 11 Apr 2017 20:19

Instrument :

BNA_F

ClientSampleId :

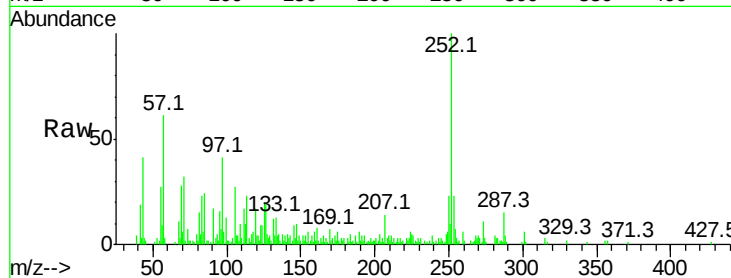
Tot Ion:252 Resp: 35432

Ion Ratio Lower Upper

252 100

253 23.4 17.5 26.3

125 20.5 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

