

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042517\
 Data File : BF094631.D
 Acq On : 26 Apr 2017 4:12
 Operator : SJ/MA
 Sample : I2820-03 5X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 26 05:37:12 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	5.75	152	106727	20.00	ng	-0.01
21) Naphthalene-d8	7.25	136	342474	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	138675	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	222038	20.00	ng	0.00
75) Chrysene-d12	14.47	240	220201	20.00	ng	0.00
86) Perylene-d12	16.09	264	160379	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	4.30	112	159828	24.85	ng	0.00
7) Phenol-d6	5.37	99	189118	24.94	ng	-0.02
23) Nitrobenzene-d5	6.40	82	173355	31.26	ng	-0.02
41) 2,4,6-Tribromophenol	10.38	330	22712	20.94	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	155531	16.50	ng	0.00
78) Terphenyl-d14	13.19	244	136724	16.60	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	5.93	79	13149	2.34	ng	# 44
18) Hexachloroethane	6.37	117	163474	58.44	ng	# 38
19) n-Nitroso-di-n-propylamine	6.25	70	27564	5.49	ng	# 67
22) Acetophenone	6.21	105	17574	2.11	ng	# 66
24) Nitrobenzene	6.41	77	25311	4.33	ng	# 37
25) Isophorone	6.70	82	118939	11.57	ng	# 1
26) 2-Nitrophenol	6.84	139	15753	5.02	ng	# 1
29) 2,4-Dichlorophenol	7.08	162	20318	4.29	ng	# 1
31) Naphthalene	7.28	128	181952	11.05	ng	# 94
33) 4-Chloroaniline	7.33	127	20739	3.03	ng	# 1
35) Caprolactam	7.83	113	110295	74.05	ng	# 50
37) 2-Methylnaphthalene	8.13	142	191865	17.03	ng	# 94
47) 2-Nitroaniline	8.87	65	8709	3.36	ng	# 1
48) Acenaphthylene	9.23	152	87178	6.21	ng	# 44
49) Dimethylphthalate	9.08	163	25429	2.46	ng	# 68
50) 2,6-Dinitrotoluene	9.09	165	10339	4.46	ng	# 88
51) Acenaphthene	9.44	154	123275	14.66	ng	# 92
53) 2,4-Dinitrophenol	9.52	184	790	6.34	ng	# 1
54) Dibenzofuran	9.65	168	87326	7.14	ng	# 54
55) 4-Nitrophenol	9.60	139	15369	8.11	ng	# 13
56) 2,4-Dinitrotoluene	9.67	165	49203	17.29	ng	# 53
57) Fluorene	10.08	166	201995	21.22	ng	# 84
65) n-Nitrosodiphenylamine	10.24	169	212942	27.58	ng	# 55
68) Atrazine	10.91	200	11237	4.86	ng	# 64
70) Phenanthrene	11.25	178	846394	67.69	ng	# 98
71) Anthracene	11.25	178	846394	65.44	ng	# 99
72) Carbazole	11.52	167	39942	3.29	ng	# 24
74) Fluoranthene	12.71	202	801992	61.89	ng	# 98
77) Pyrene	12.99	202	886367	57.61	ng	# 97
80) Benzo(a)anthracene	14.45	228	590780	46.16	ng	# 96
82) Chrysene	14.45	228	590780	50.51	ng	# 99
85) Indeno(1,2,3-cd)pyrene	17.38	276	358264	32.19	ng	# 95
87) Benzo(b)fluoranthene	15.70	252	941676	95.98	ng	# 97
88) Benzo(k)fluoranthene	15.70	252	941676	101.43	ng	# 99

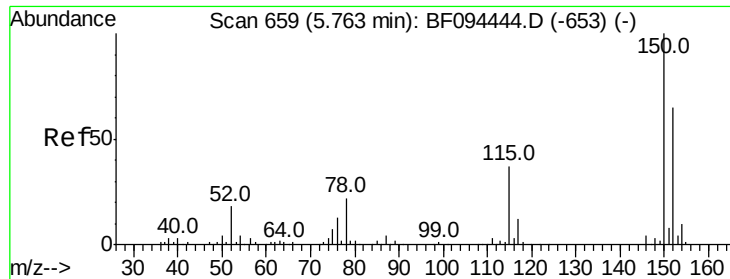
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042517\
Data File : BF094631.D
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Operator : SJ/MA
Sample : I2820-03 5X
Misc :
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Quant Time: Apr 26 05:37:12 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
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)
89) Benzo(a)pyrene	16.04	252	571600	62.62	nq	96
90) Dibenzo(a,h)anthracene	17.38	278	82269	10.86	nq #	86
91) Benzo(g,h,i)perylene	17.75	276	341205	44.22	nq	98

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

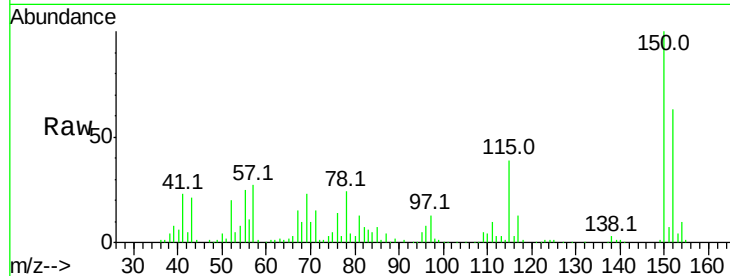


#1

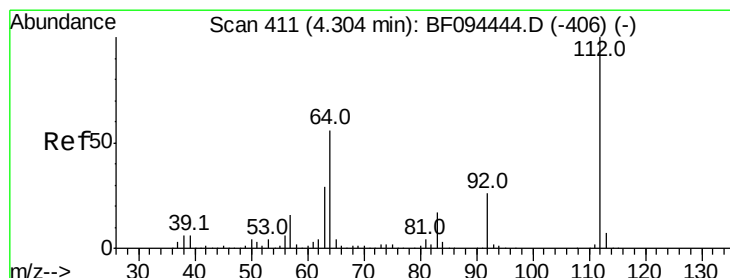
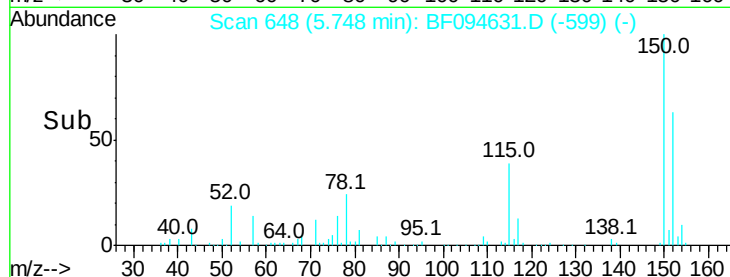
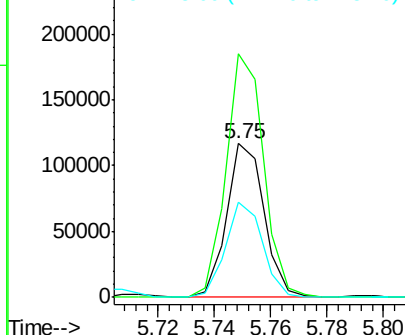
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.75 min Scan# 648
Delta R.T. -0.01 min
Lab File: BF094631.D
Acq: 26 Apr 2017 4:12

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	126.2	189.2
115	61.8	52.2	78.2



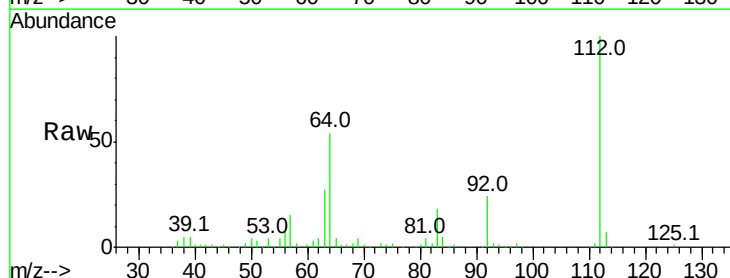
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



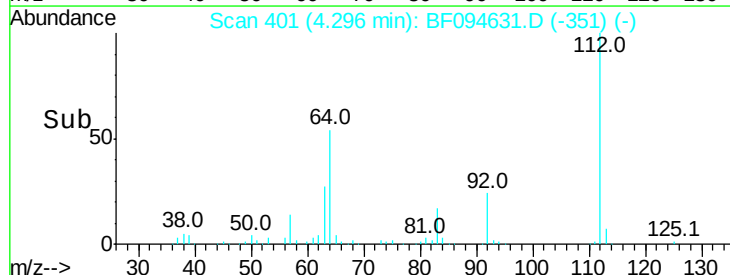
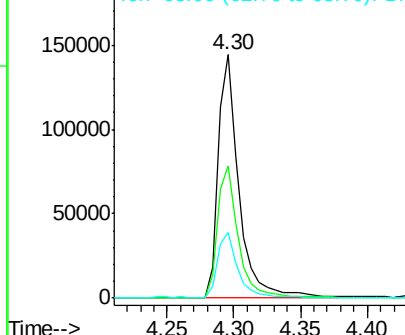
#5

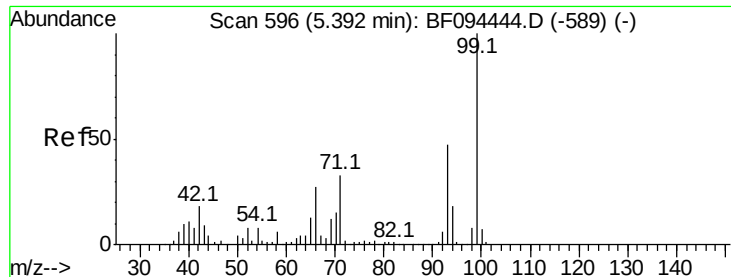
2-Fluorophenol
Concen: 24.85 ng
RT: 4.30 min Scan# 401
Delta R.T. -0.01 min
Lab File: BF094631.D
Acq: 26 Apr 2017 4:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.4	46.0	69.0
63	27.1	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: 24.94 ng

RT: 5.37 min Scan# 584

Delta R.T. -0.02 min

Lab File: BF094631.D

Acq: 26 Apr 2017 4:12

Instrument :

BNA_F

ClientSampled :

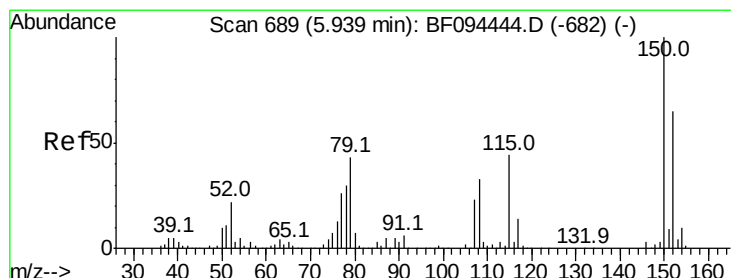
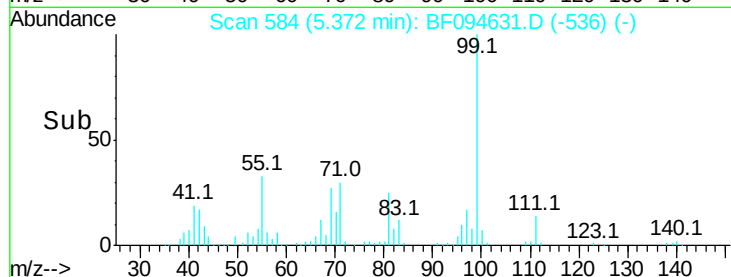
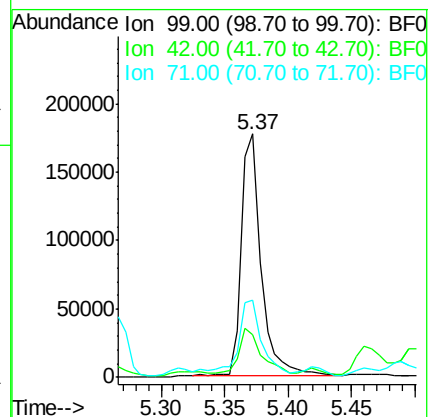
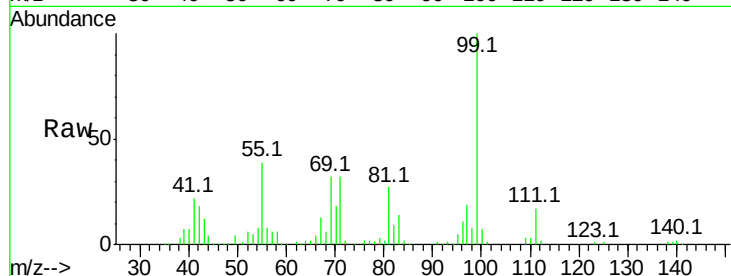
Tot Ion: 99 Resp: 189118

Ion Ratio Lower Upper

99 100

42 17.8 13.5 20.3

71 31.6 24.5 36.7



#15

Benzyl Alcohol

Concen: 2.34 ng

RT: 5.93 min Scan# 679

Delta R.T. -0.01 min

Lab File: BF094631.D

Acq: 26 Apr 2017 4:12

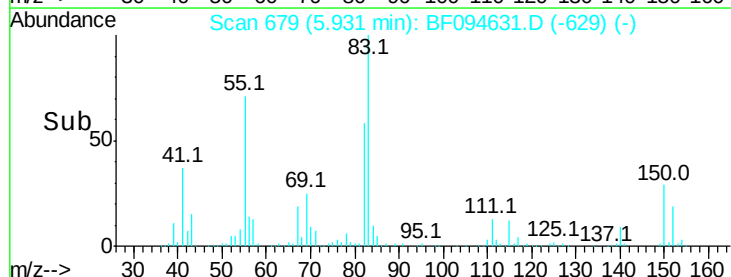
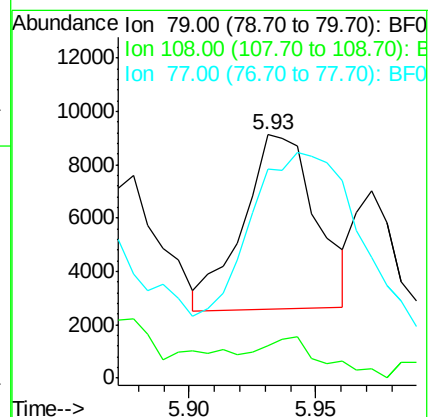
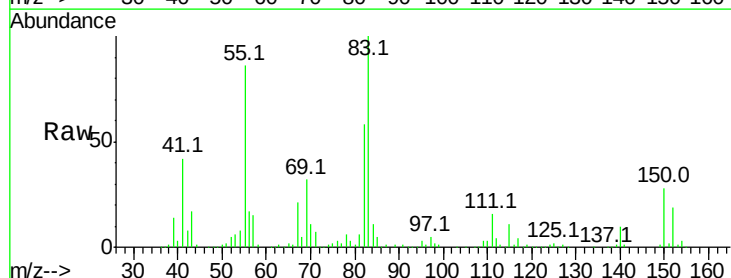
Tgt Ion: 79 Resp: 13149

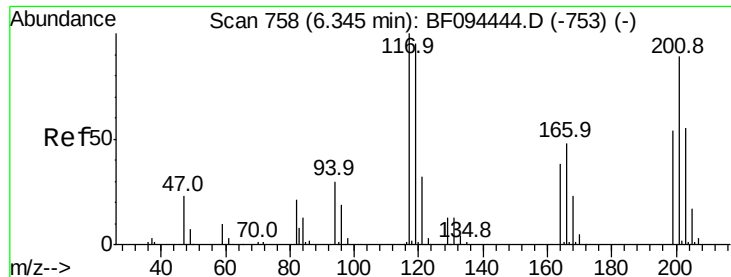
Ion Ratio Lower Upper

79 100

108 13.2 63.4 95.0#

77 85.8 49.2 73.8#





#18

Hexachloroethane

Concen: 58.44 ng

RT: 6.37 min Scan# 754

Delta R.T. 0.03 min

Lab File: BF094631.D

Acq: 26 Apr 2017 4:12

Instrument :

BNA_F

ClientSampled :

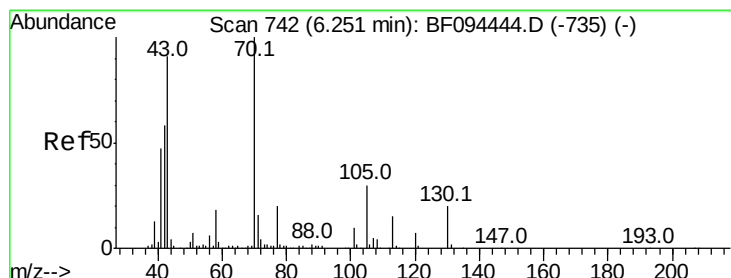
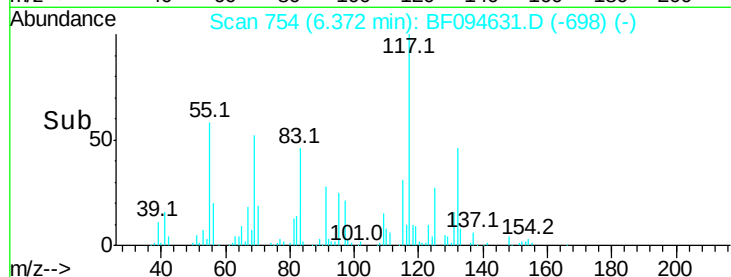
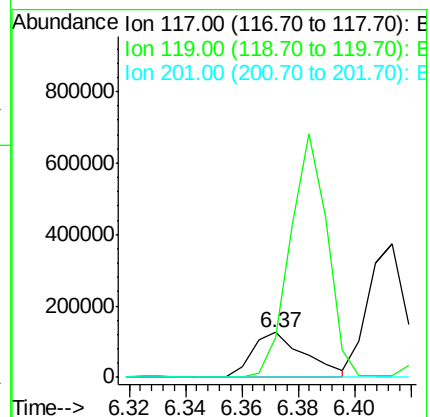
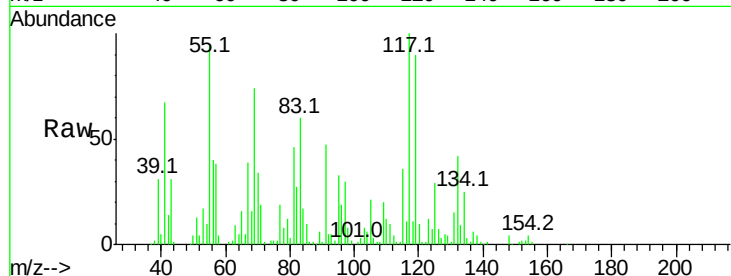
Tot Ion:117 Resp: 163474

Ion Ratio Lower Upper

117 100

119 90.0 77.4 116.0

201 0.0 94.6 141.8#



#19

n-Nitroso-di-n-propylamine

Concen: 5.49 ng

RT: 6.25 min Scan# 733

Delta R.T. -0.00 min

Lab File: BF094631.D

Acq: 26 Apr 2017 4:12

Tgt Ion: 70 Resp: 27564

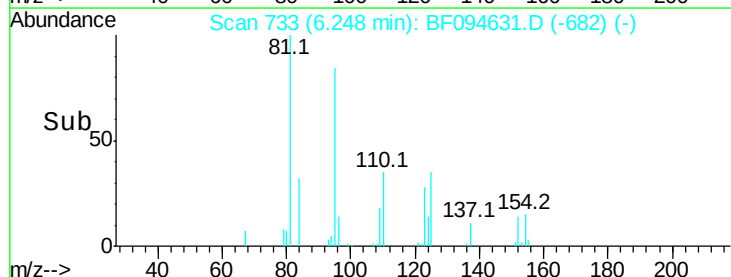
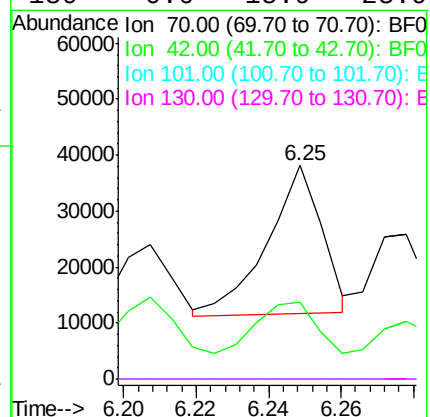
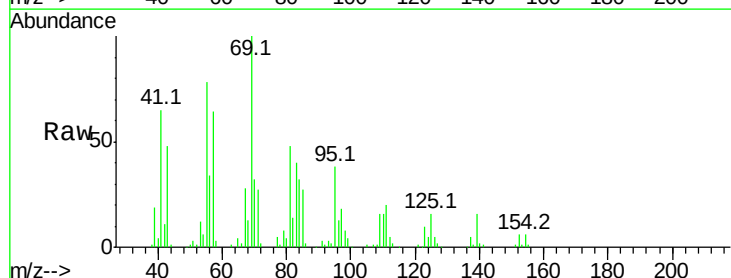
Ion Ratio Lower Upper

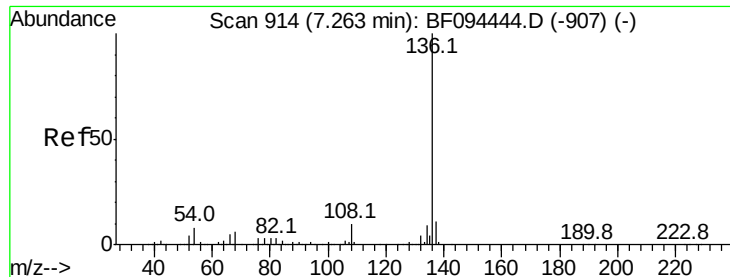
70 100

42 35.8 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: BF094631.D

Acq: 26 Apr 2017 4:12

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 342474

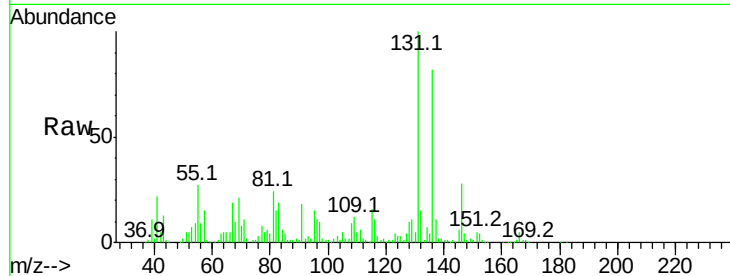
Ion Ratio Lower Upper

136 100

137 12.9 8.5 12.7#

54 11.6 4.9 7.3#

68 11.9 4.1 6.1#

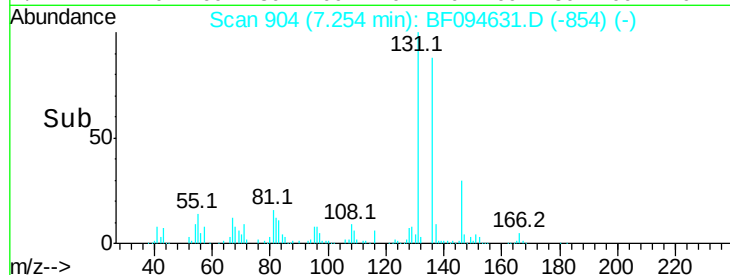


Abundance Ion 136.00 (135.70 to 136.70): E

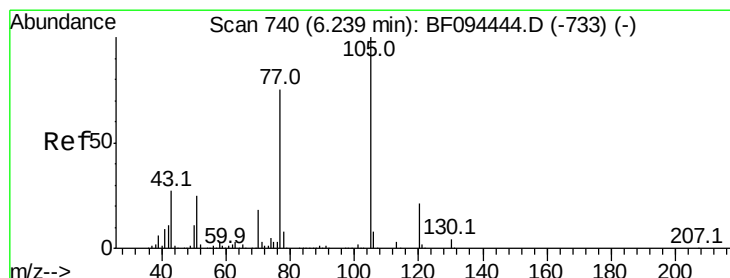
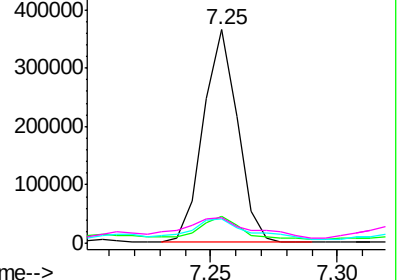
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 2.11 ng

RT: 6.21 min Scan# 727

Delta R.T. -0.03 min

Lab File: BF094631.D

Acq: 26 Apr 2017 4:12

Tgt Ion:105 Resp: 17574

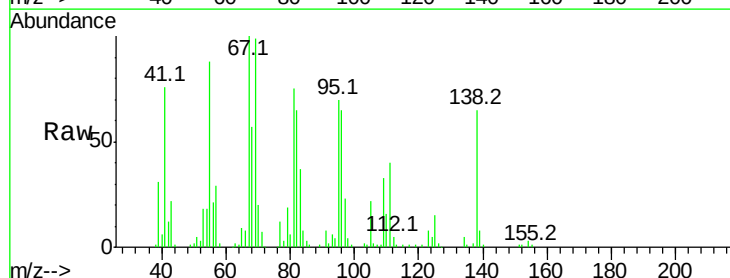
Ion Ratio Lower Upper

105 100

71 33.2 2.8 4.2#

51 25.0 30.7 46.1#

120 0.0 17.4 26.0#

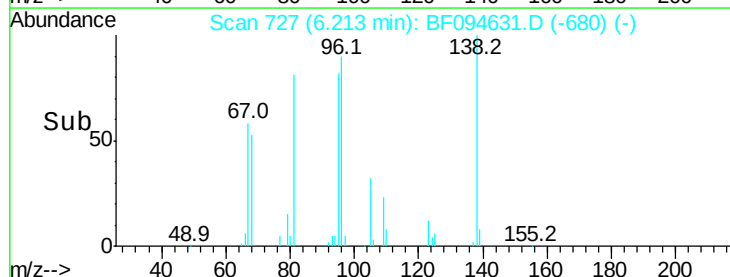


Abundance Ion 105.00 (104.70 to 105.70): E

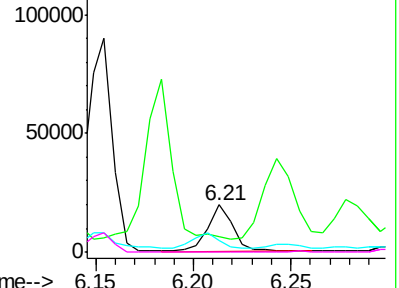
Ion 71.00 (70.70 to 71.70): BF0

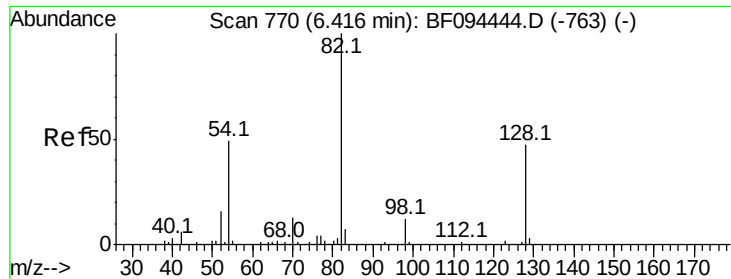
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

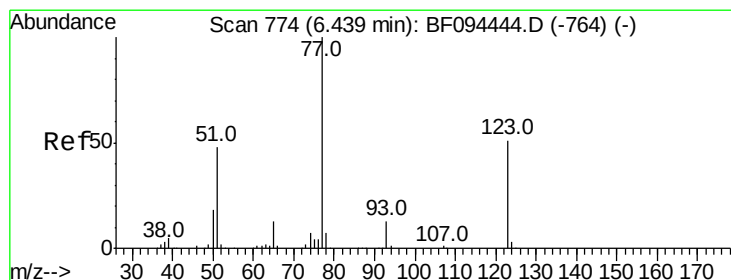
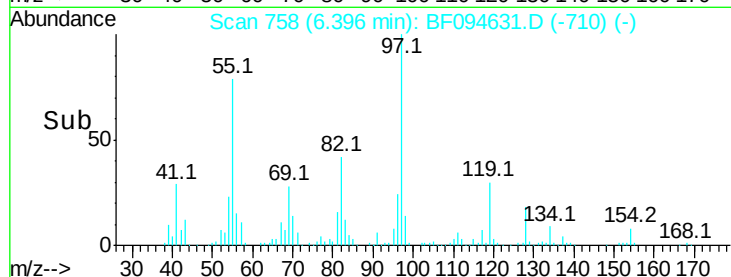
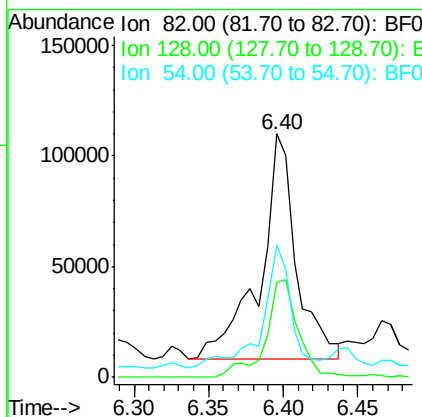
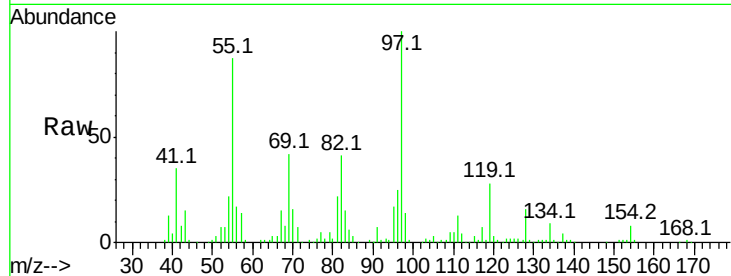




#23
 Nitrobenzene-d5
 Concen: 31.26 ng
 RT: 6.40 min Scan# 758
 Delta R.T. -0.02 min
 Lab File: BF094631.D
 Acq: 26 Apr 2017 4:12

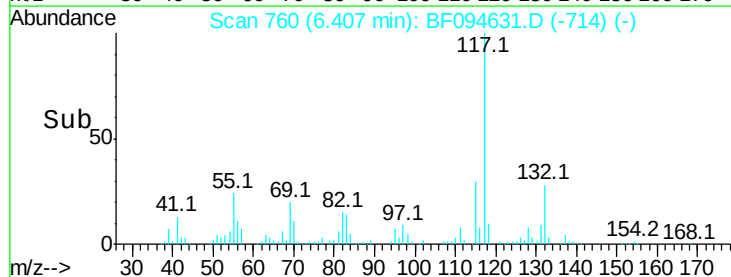
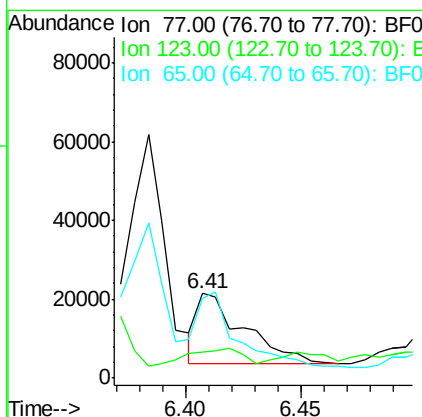
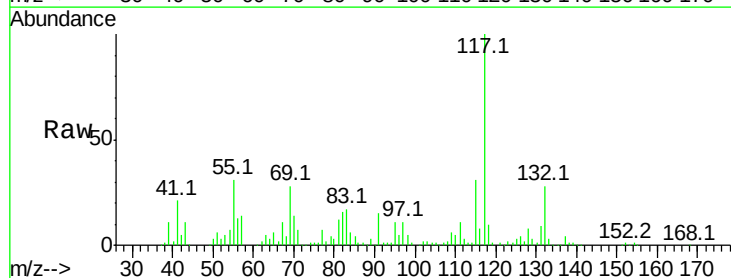
Instrument :
 BNA_F
 ClientSampled :

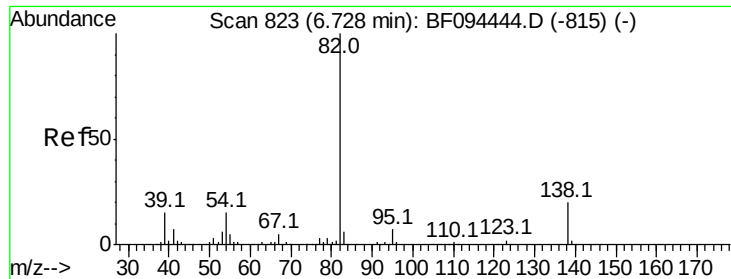
Tot Ion	82	Resp	173355
Ion	Ratio	Lower	Upper
82	100		
128	39.1	34.0	51.0
54	54.2	42.2	63.2



#24
 Nitrobenzene
 Concen: 4.33 ng
 RT: 6.41 min Scan# 760
 Delta R.T. -0.03 min
 Lab File: BF094631.D
 Acq: 26 Apr 2017 4:12

Tgt Ion	77	Resp	25311
Ion	Ratio	Lower	Upper
77	100		
123	30.6	35.8	53.8#
65	93.9	10.6	15.8#





#25

Isophorone

Concen: 11.57 ng

RT: 6.70 min Scan# 809

Delta R.T. -0.03 min

Lab File: BF094631.D

Acq: 26 Apr 2017 4:12

Instrument :
BNA_F
ClientSampled :

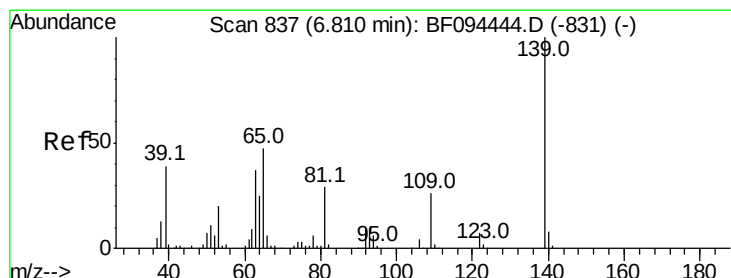
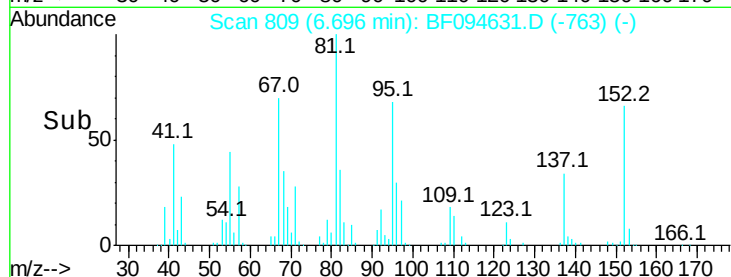
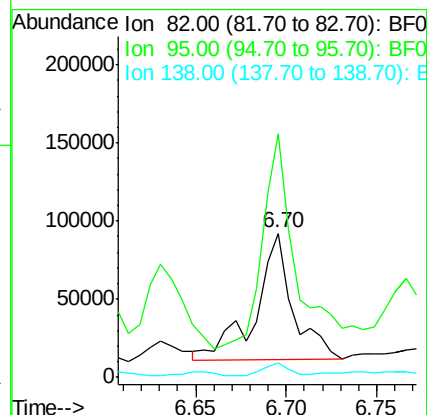
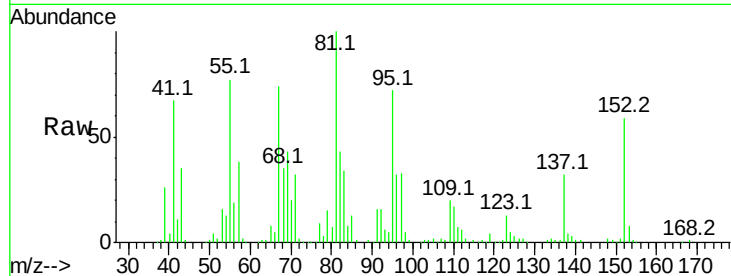
Tot Ion: 82 Resp: 118939

Ion Ratio Lower Upper

82 100

95 168.7 5.3 7.9#

138 9.7 13.1 19.7#



#26

2-Nitrophenol

Concen: 5.02 ng

RT: 6.84 min Scan# 833

Delta R.T. 0.03 min

Lab File: BF094631.D

Acq: 26 Apr 2017 4:12

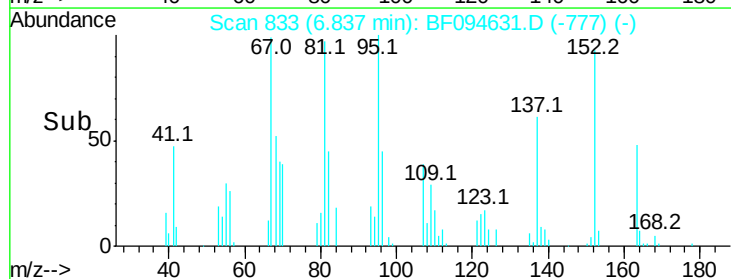
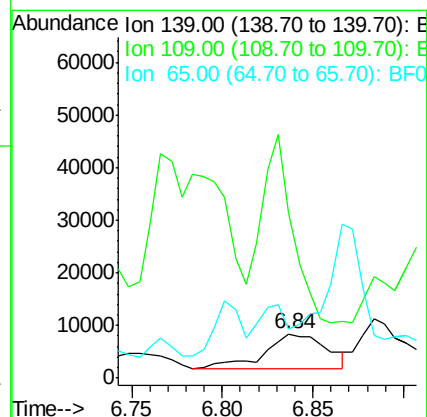
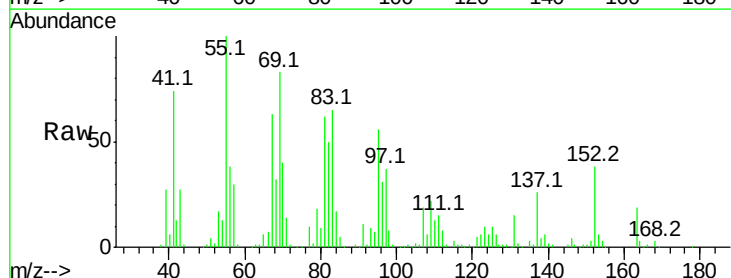
Tgt Ion: 139 Resp: 15753

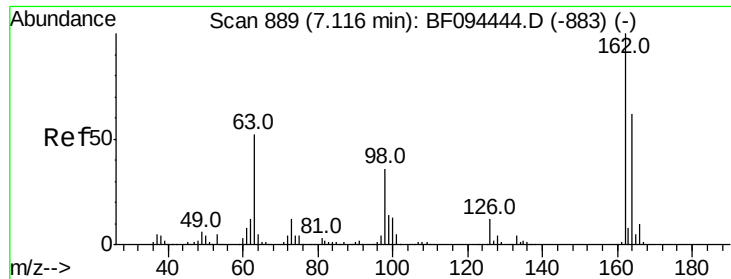
Ion Ratio Lower Upper

139 100

109 371.0 21.0 31.6#

65 108.9 33.0 49.6#





#29

2,4-Dichlorophenol

Concen: 4.29 ng

RT: 7.08 min Scan# 875

Delta R.T. -0.03 min

Lab File: BF094631.D

Acq: 26 Apr 2017 4:12

Instrument :

BNA_F

ClientSampleId :

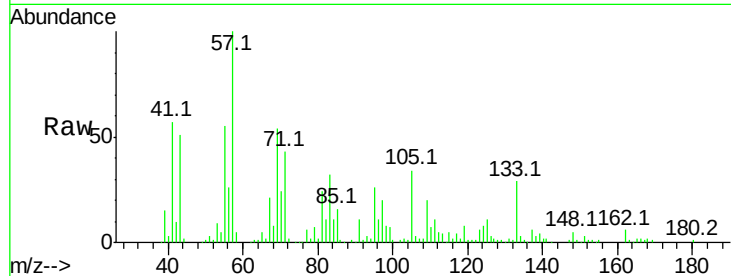
Tot Ion:162 Resp: 20318

Ion Ratio Lower Upper

162 100

164 6.2 44.6 84.6#

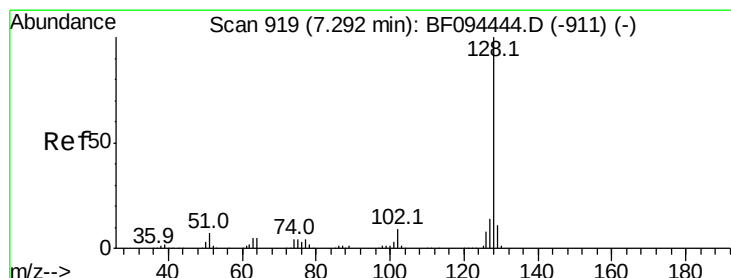
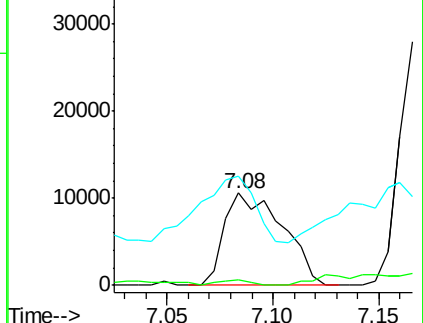
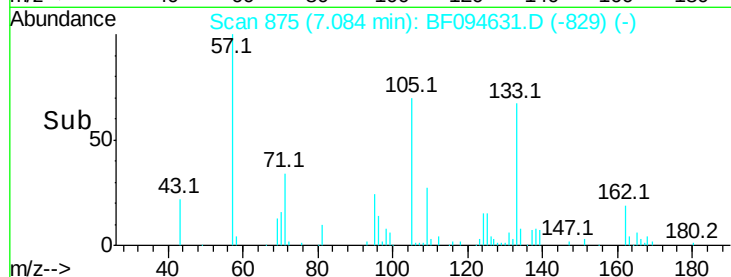
98 118.0 14.8 54.8#



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#31

Naphthalene

Concen: 11.05 ng

RT: 7.28 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF094631.D

Acq: 26 Apr 2017 4:12

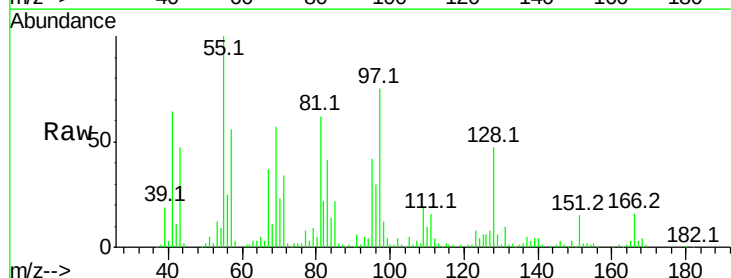
Tgt Ion:128 Resp: 181952

Ion Ratio Lower Upper

128 100

129 13.2 9.0 13.6

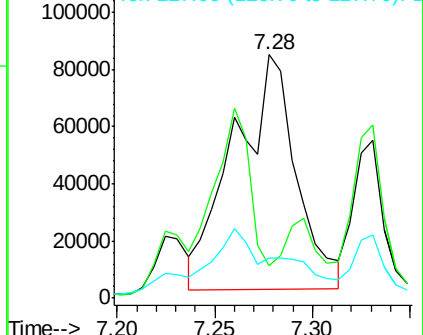
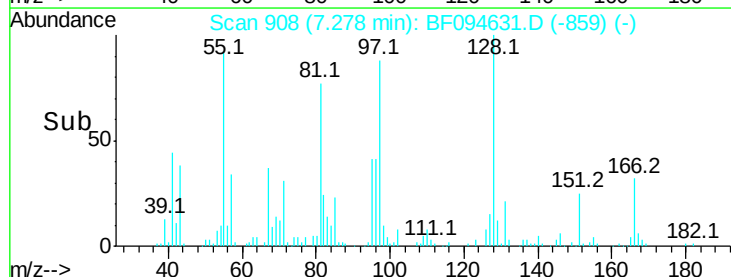
127 16.6 10.8 16.2#

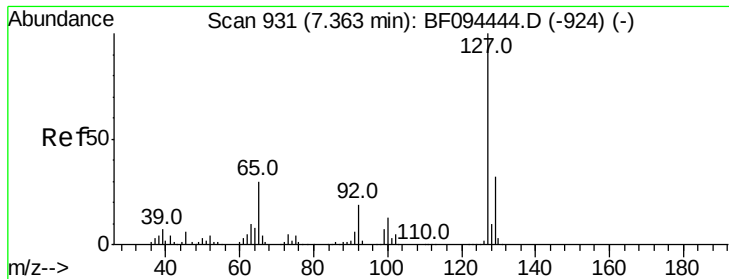


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

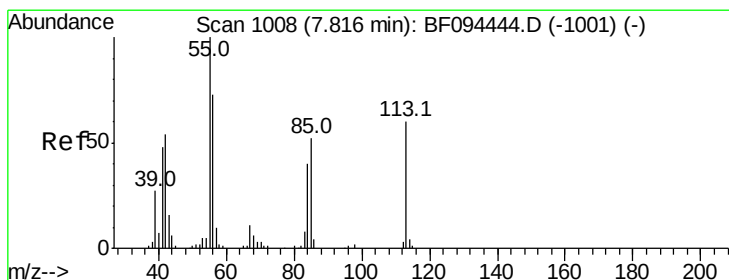
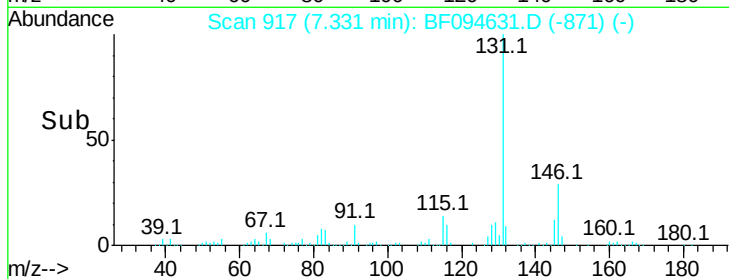
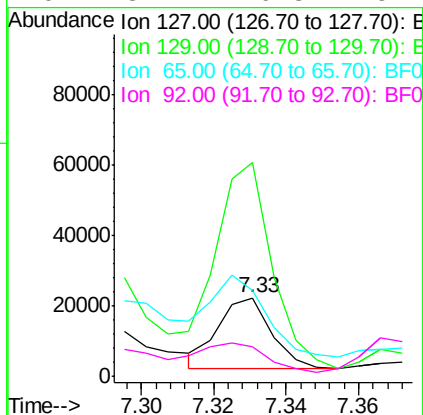
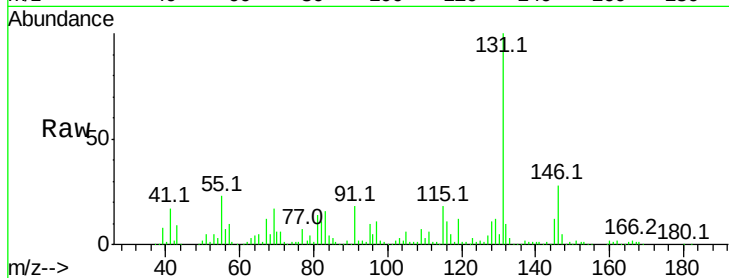




#33
 4-Chloroaniline
 Concen: 3.03 ng
 RT: 7.33 min Scan# 917
 Delta R.T. -0.03 min
 Lab File: BF094631.D
 Acq: 26 Apr 2017 4:12

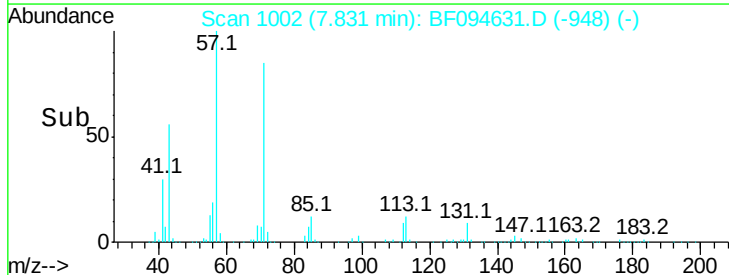
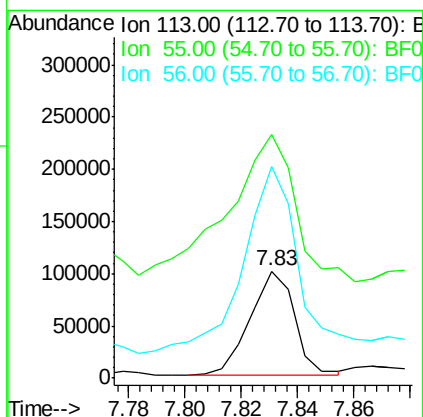
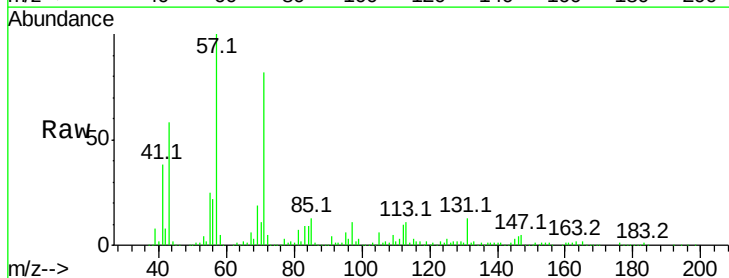
Instrument :
 BNA_F
 ClientSampleId :

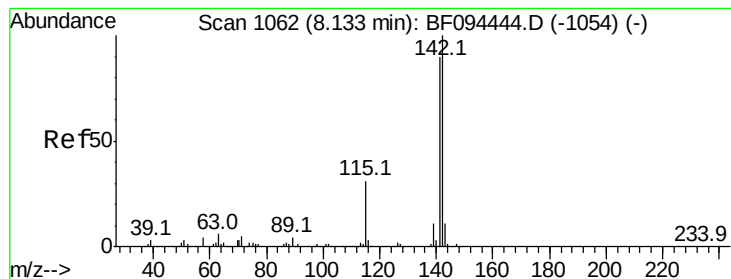
Tot Ion:127	Resp:	20739
Ion Ratio	Lower	Upper
127	100	
129	272.5	26.2 39.2#
65	109.6	27.8 41.8#
92	37.2	16.8 25.2#



#35
 Caprolactam
 Concen: 74.05 ng
 RT: 7.83 min Scan# 1002
 Delta R.T. 0.01 min
 Lab File: BF094631.D
 Acq: 26 Apr 2017 4:12

Tgt Ion:113	Resp:	110295
Ion Ratio	Lower	Upper
113	100	
55	227.7	150.2 190.2#
56	198.0	107.8 147.8#





#37

2-Methylnaphthalene

Concen: 17.03 ng

RT: 8.13 min Scan# 1053

Delta R.T. -0.00 min

Lab File: BF094631.D

Acq: 26 Apr 2017 4:12

Instrument :

BNA_F

ClientSampleId :

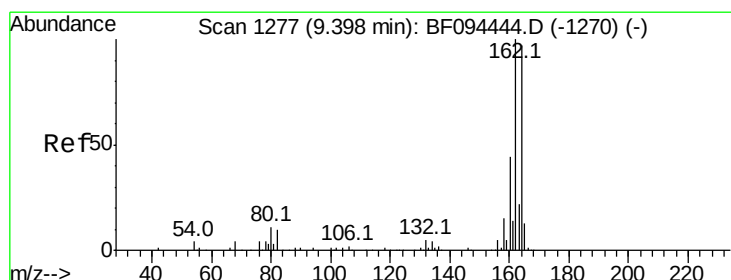
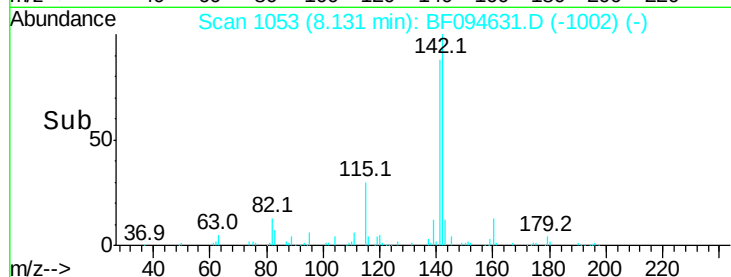
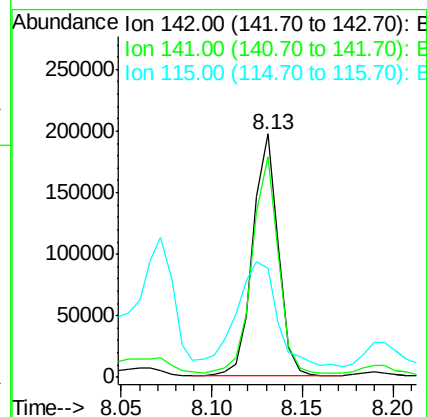
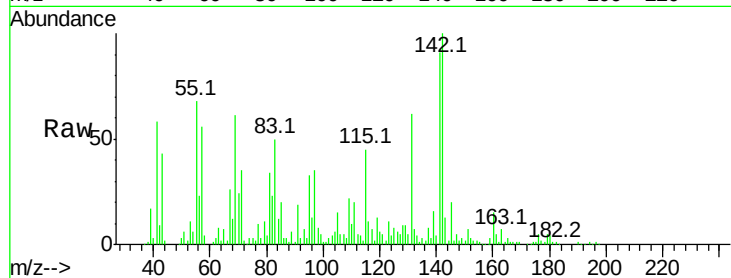
Tot Ion:142 Resp: 191865

Ion Ratio Lower Upper

142 100

141 90.6 71.3 106.9

115 44.7 27.1 40.7#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.40 min Scan# 1269

Delta R.T. 0.00 min

Lab File: BF094631.D

Acq: 26 Apr 2017 4:12

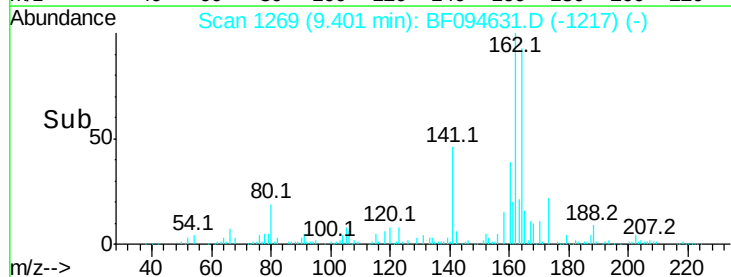
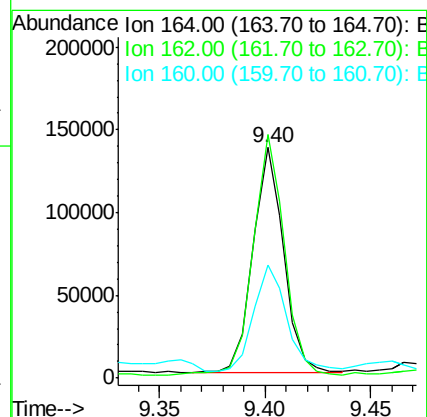
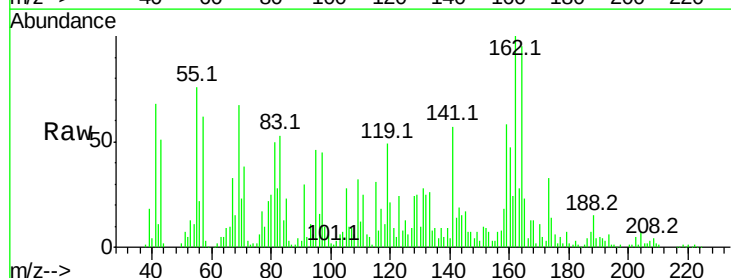
Tgt Ion:164 Resp: 138675

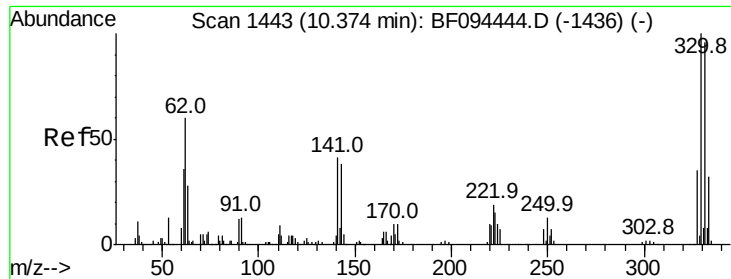
Ion Ratio Lower Upper

164 100

162 105.7 82.6 123.8

160 49.3 36.2 54.2

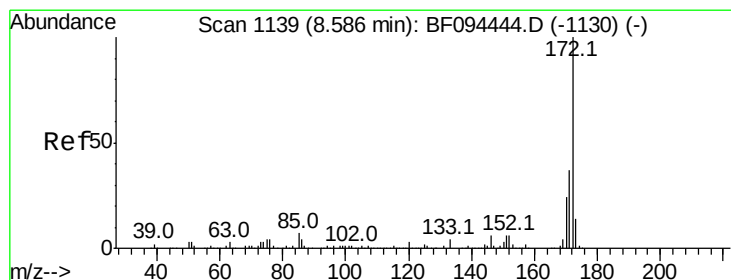
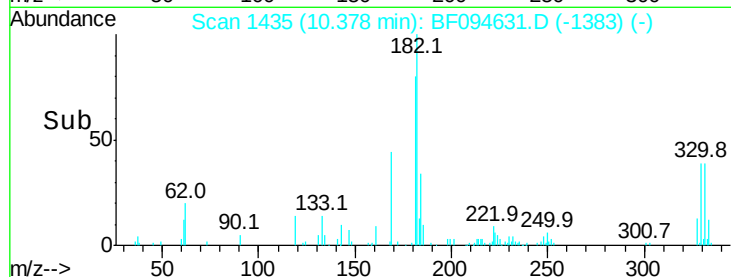
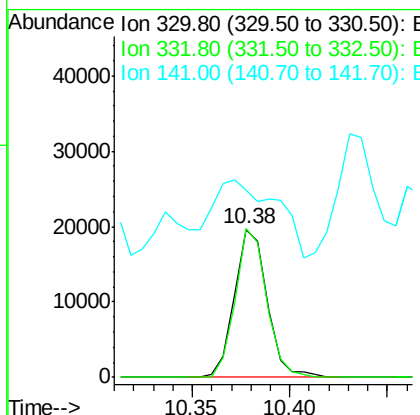
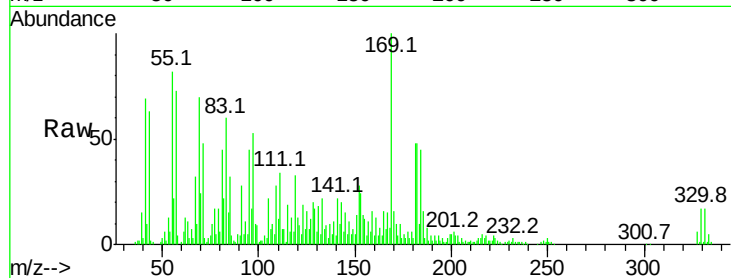




#41
 2,4,6-Tribromophenol
 Concen: 20.94 ng
 RT: 10.38 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BF094631.D
 Acq: 26 Apr 2017 4:12

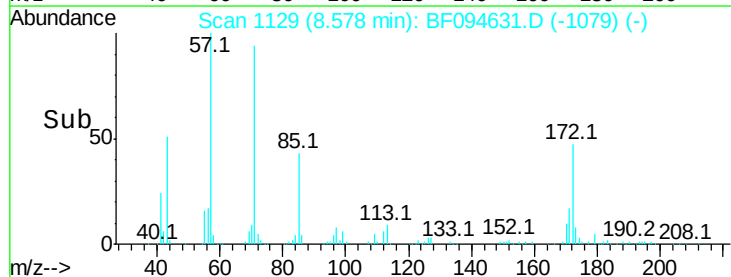
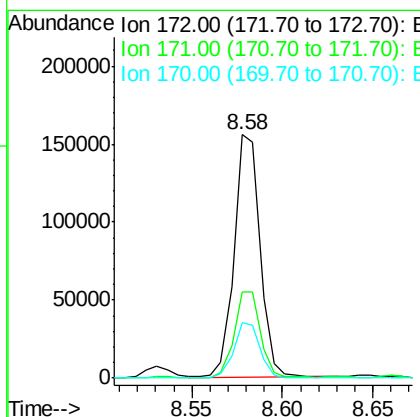
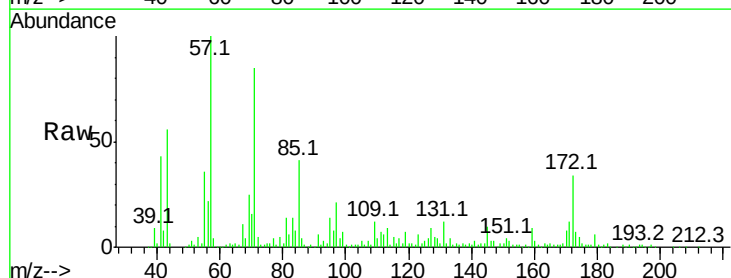
Instrument :
 BNA_F
 ClientSampled :

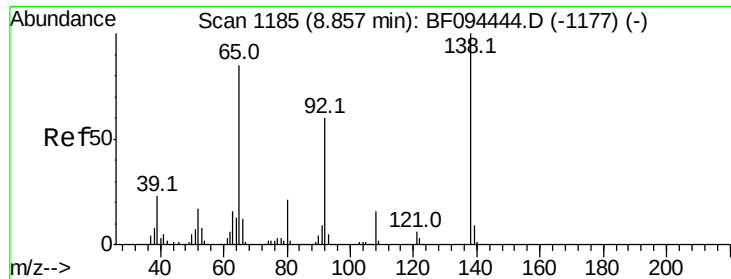
Tot Ion:330 Resp: 22712
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.6 115.0
 141 99.9 31.4 47.2#



#44
 2-Fluorobiphenyl
 Concen: 16.50 ng
 RT: 8.58 min Scan# 1129
 Delta R.T. -0.01 min
 Lab File: BF094631.D
 Acq: 26 Apr 2017 4:12

Tgt Ion:172 Resp: 155531
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.6 44.4
 170 22.9 19.8 29.8





#47

2-Nitroaniline

Concen: 3.36 ng

RT: 8.87 min Scan# 1178

Delta R.T. 0.01 min

Lab File: BF094631.D

Acq: 26 Apr 2017 4:12

Instrument :

BNA_F

ClientSampled :

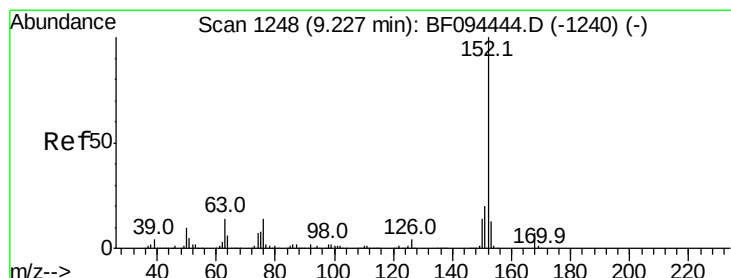
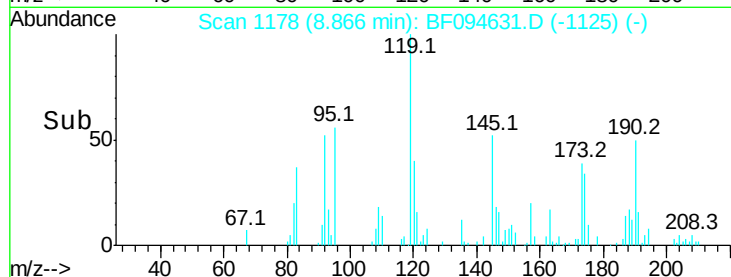
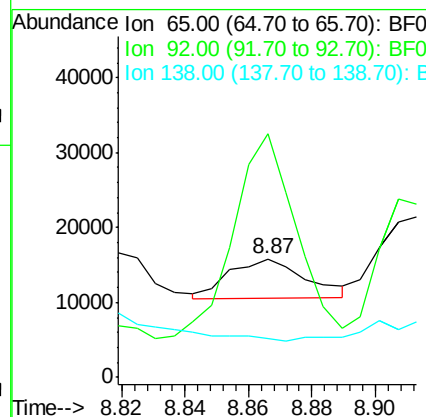
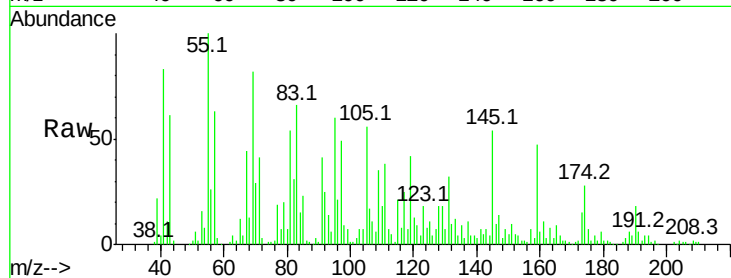
Tot Ion: 65 Resp: 8709

Ion Ratio Lower Upper

65 100

92 206.0 53.9 80.9#

138 33.3 78.8 118.2#



#48

Acenaphthylene

Concen: 6.21 ng

RT: 9.23 min Scan# 1240

Delta R.T. 0.00 min

Lab File: BF094631.D

Acq: 26 Apr 2017 4:12

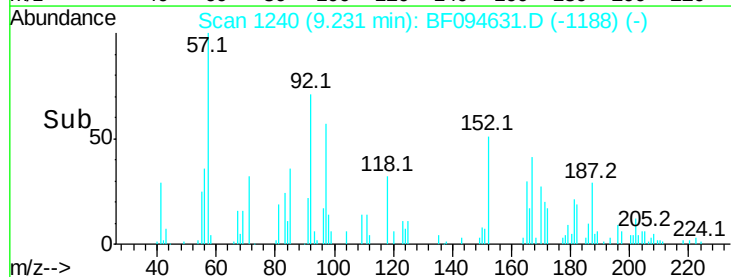
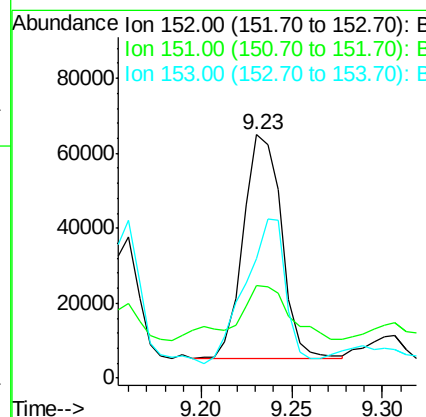
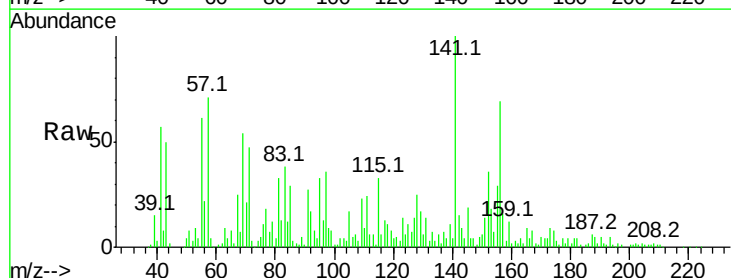
Tgt Ion: 152 Resp: 87178

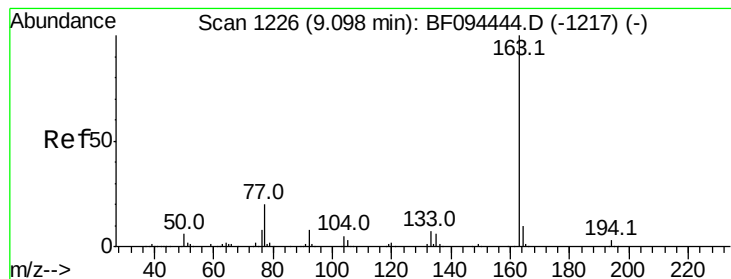
Ion Ratio Lower Upper

152 100

151 37.8 16.8 25.2#

153 49.0 10.8 16.2#





#49

Dimethylphthalate

Concen: 2.46 ng

RT: 9.08 min Scan# 1215

Delta R.T. -0.01 min

Lab File: BF094631.D

Acq: 26 Apr 2017 4:12

Instrument :

BNA_F

ClientSampled :

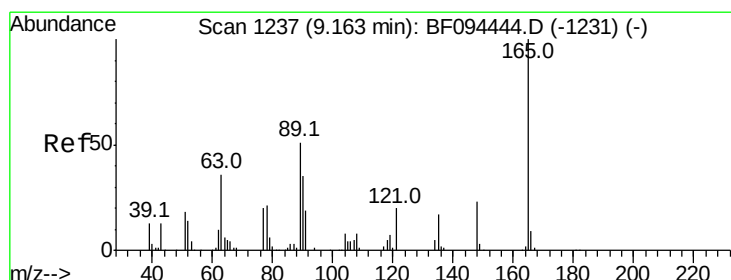
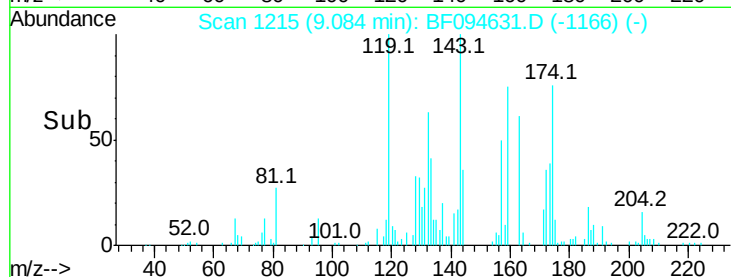
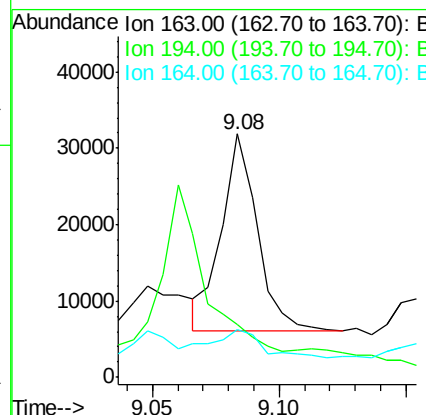
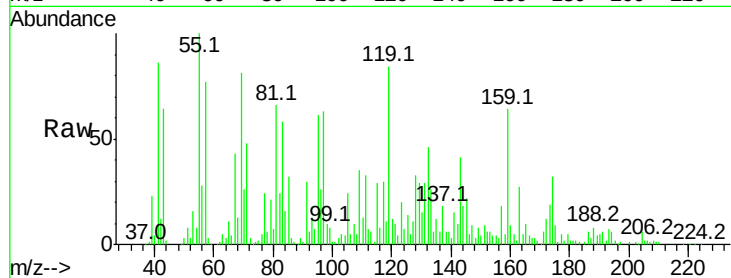
Tot Ion:163 Resp: 25429

Ion Ratio Lower Upper

163 100

194 21.9 2.6 4.0#

164 19.6 8.4 12.6#



#50

2,6-Dinitrotoluene

Concen: 4.46 ng

RT: 9.09 min Scan# 1216

Delta R.T. -0.07 min

Lab File: BF094631.D

Acq: 26 Apr 2017 4:12

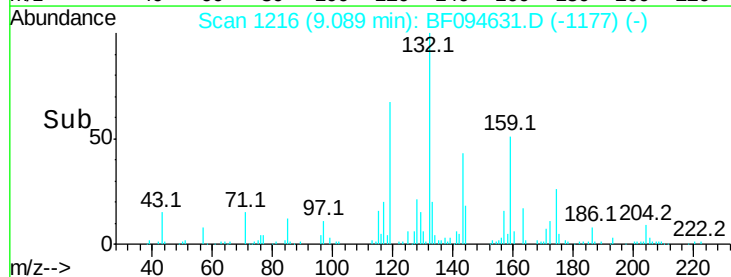
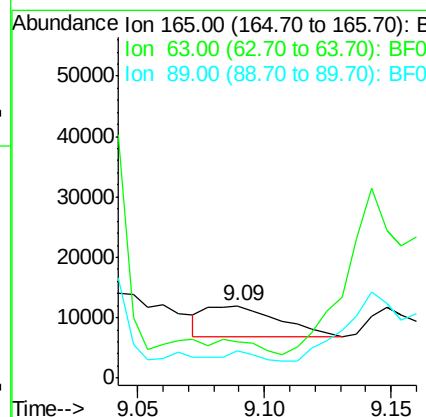
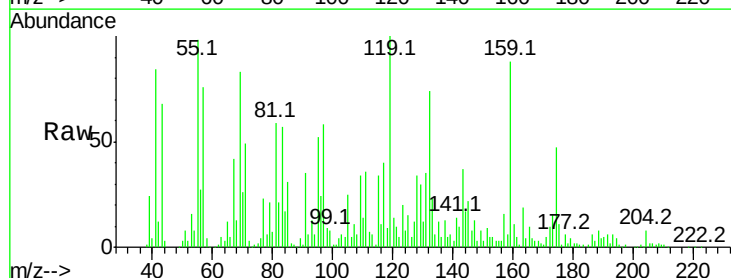
Tgt Ion:165 Resp: 10339

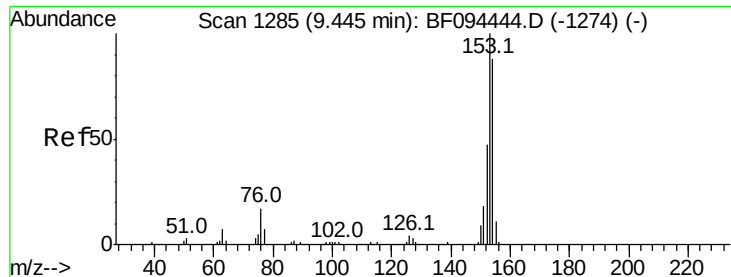
Ion Ratio Lower Upper

165 100

63 50.7 34.3 51.5

89 38.2 37.1 55.7





#51

Acenaphthene

Concen: 14.66 ng

RT: 9.44 min Scan# 1276

Delta R.T. -0.00 min

Lab File: BF094631.D

Acq: 26 Apr 2017 4:12

Instrument :

BNA_F

ClientSampleId :

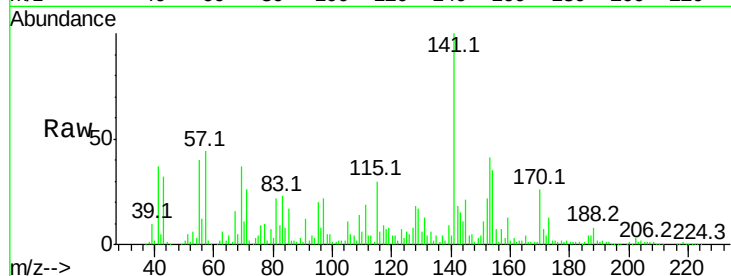
Tot Ion:154 Resp: 123275

Ion Ratio Lower Upper

154 100

153 118.3 90.5 135.7

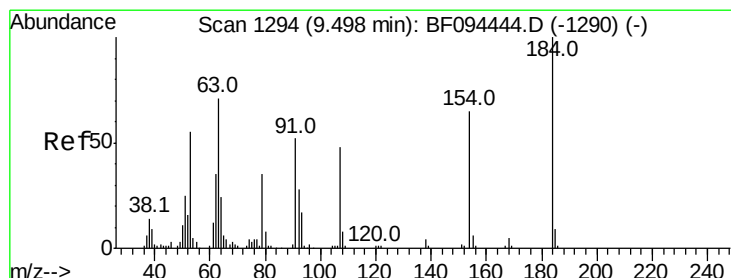
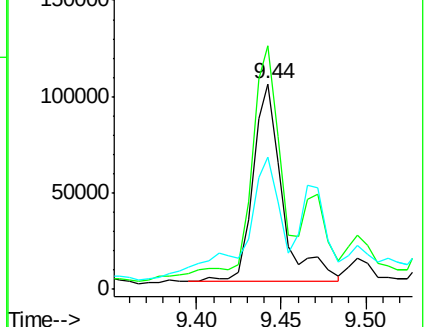
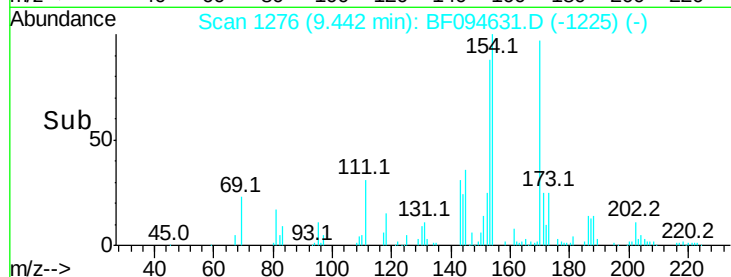
152 64.3 43.6 65.4



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: 6.34 ng

RT: 9.52 min Scan# 1289

Delta R.T. 0.02 min

Lab File: BF094631.D

Acq: 26 Apr 2017 4:12

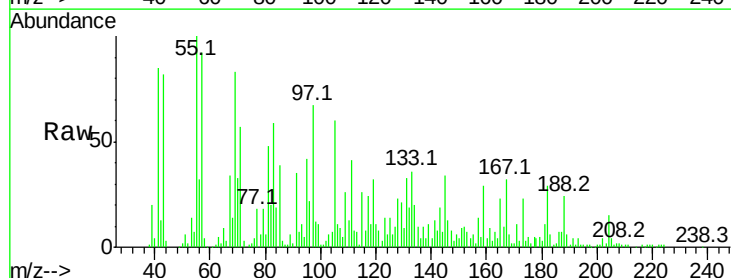
Tgt Ion:184 Resp: 790

Ion Ratio Lower Upper

184 100

63 611.9 62.7 94.1#

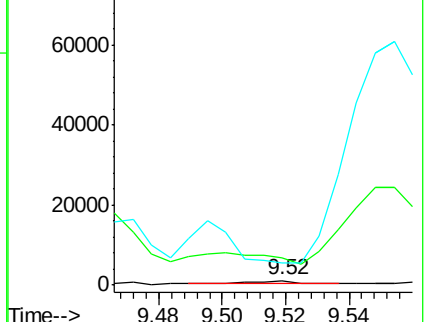
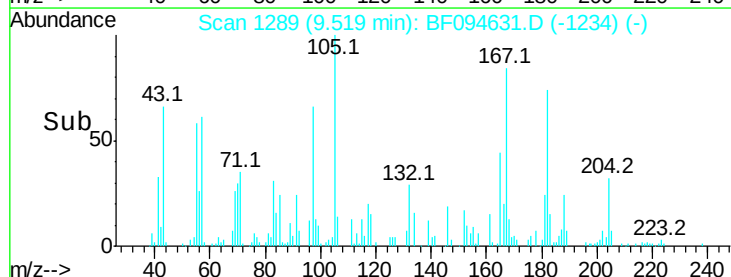
154 493.7 81.1 121.7#

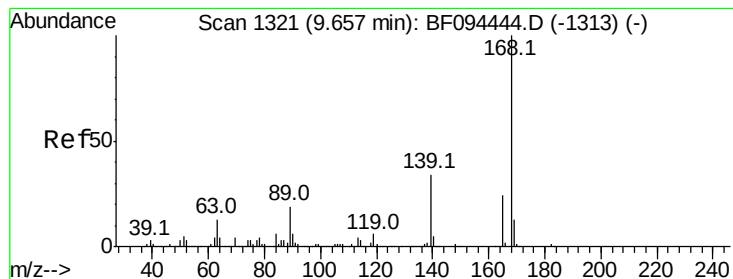


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 7.14 ng

RT: 9.65 min Scan# 1312

Delta R.T. -0.00 min

Lab File: BF094631.D

Acq: 26 Apr 2017 4:12

Instrument :

BNA_F

ClientSampleId :

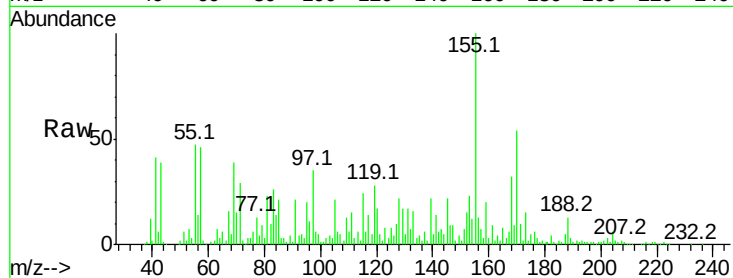
Tot Ion:168 Resp: 87326

Ion Ratio Lower Upper

168 100

139 68.3 30.6 45.8#

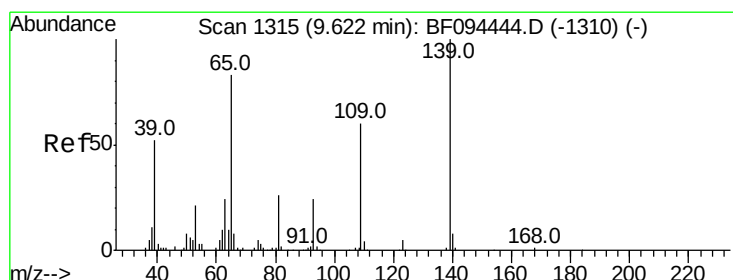
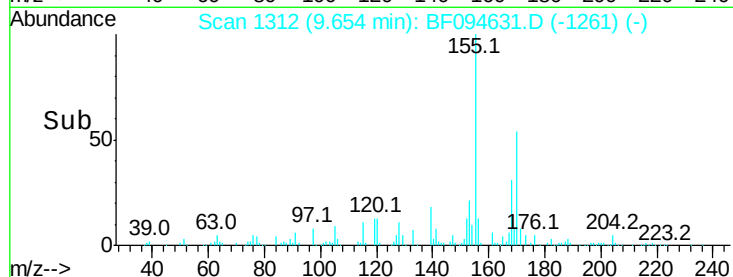
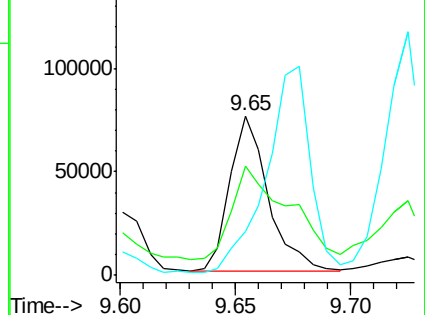
169 27.7 10.8 16.2#



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: 8.11 ng

RT: 9.60 min Scan# 1303

Delta R.T. -0.02 min

Lab File: BF094631.D

Acq: 26 Apr 2017 4:12

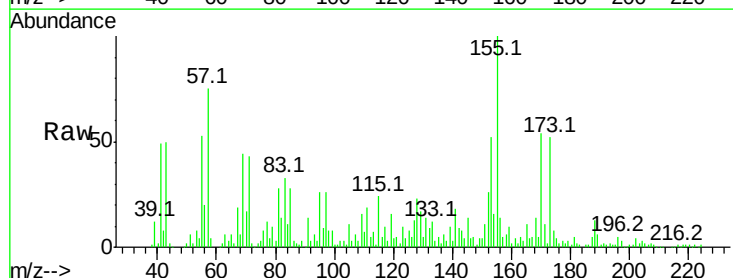
Tgt Ion:139 Resp: 15369

Ion Ratio Lower Upper

139 100

109 166.4 34.1 74.1#

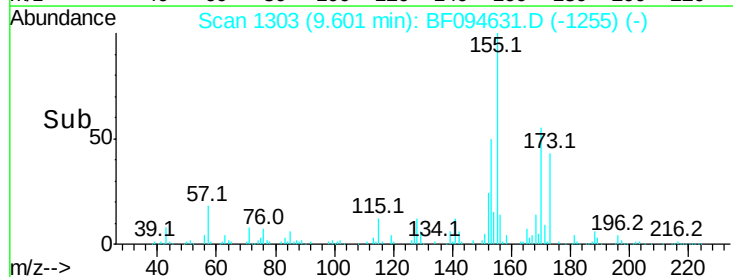
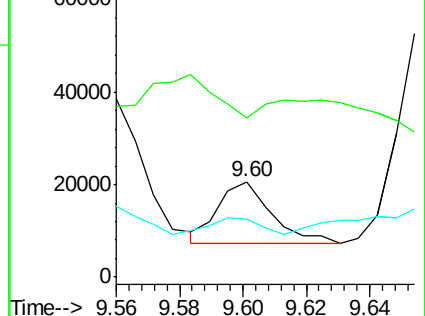
65 60.8 31.4 71.4

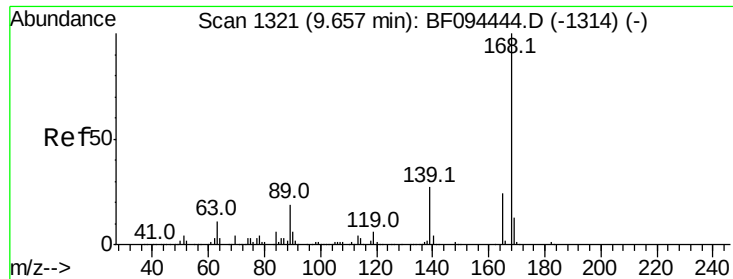


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

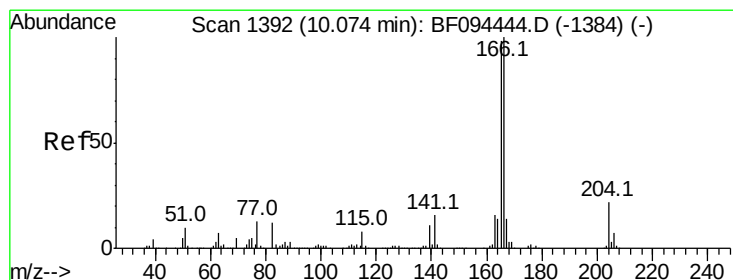
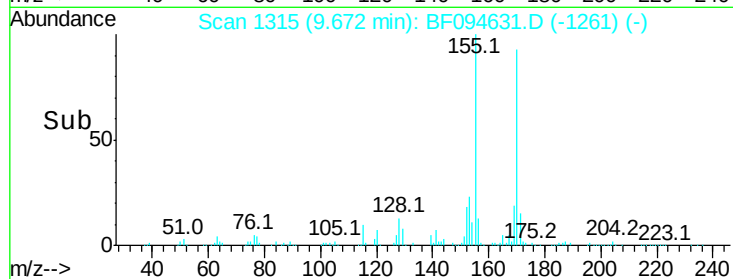
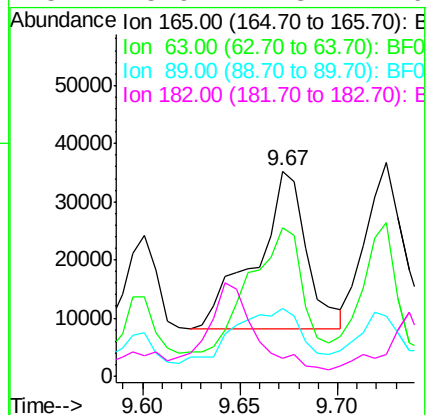
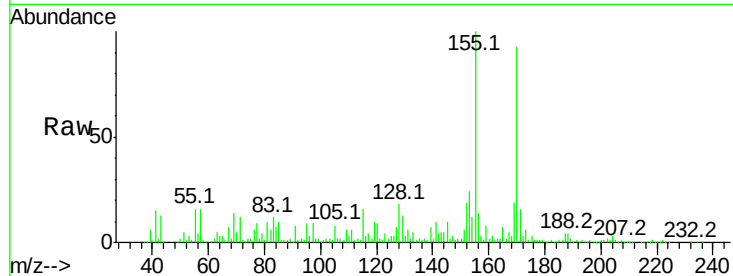




#56
 2,4-Dinitrotoluene
 Concen: 17.29 ng
 RT: 9.67 min Scan# 1315
 Delta R.T. 0.01 min
 Lab File: BF094631.D
 Acq: 26 Apr 2017 4:12

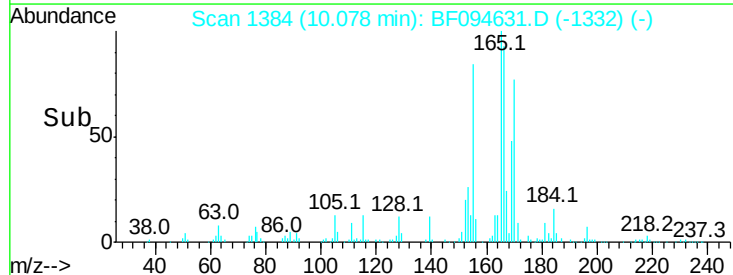
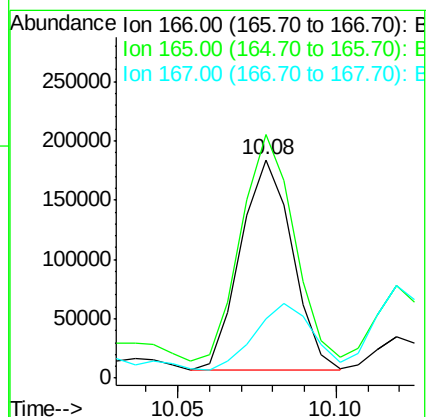
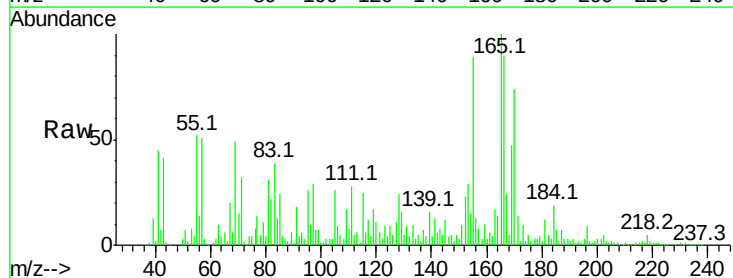
Instrument :
 BNA_F
 ClientSampleId :

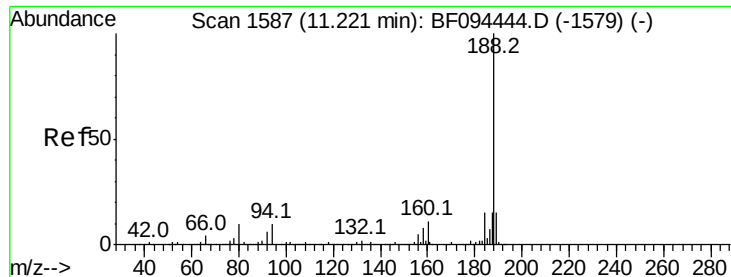
Tot Ion:165 Resp: 49203
 Ion Ratio Lower Upper
 165 100
 63 72.6 25.4 38.0#
 89 33.0 46.4 69.6#
 182 8.9 1.8 2.6#



#57
 Fluorene
 Concen: 21.22 ng
 RT: 10.08 min Scan# 1384
 Delta R.T. 0.00 min
 Lab File: BF094631.D
 Acq: 26 Apr 2017 4:12

Tgt Ion:166 Resp: 201995
 Ion Ratio Lower Upper
 166 100
 165 111.5 78.8 118.2
 167 26.9 10.6 16.0#

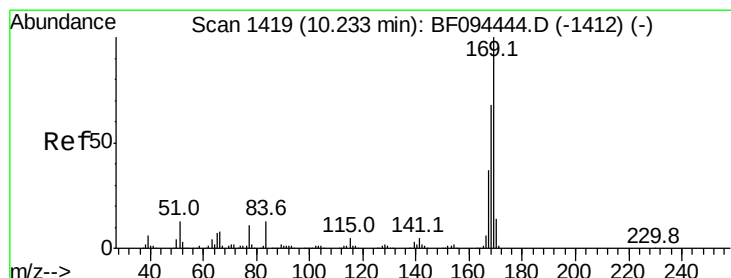
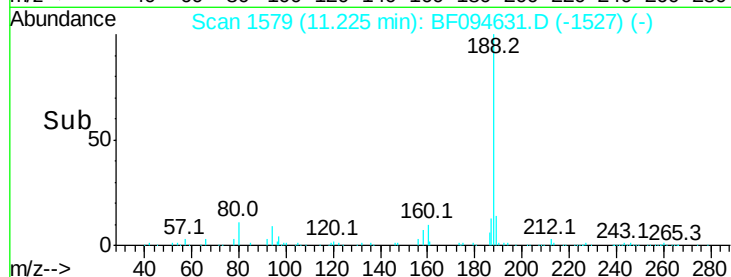
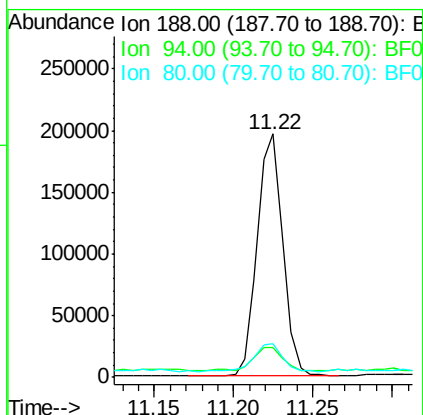
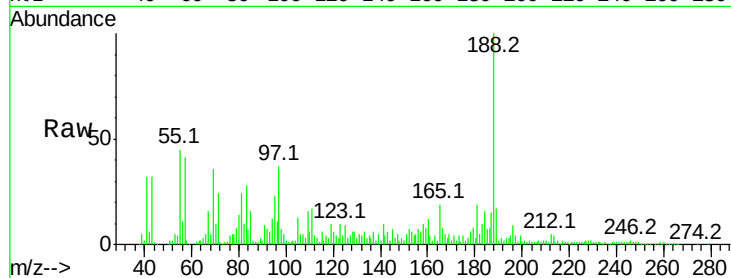




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF094631.D
Acq: 26 Apr 2017 4:12

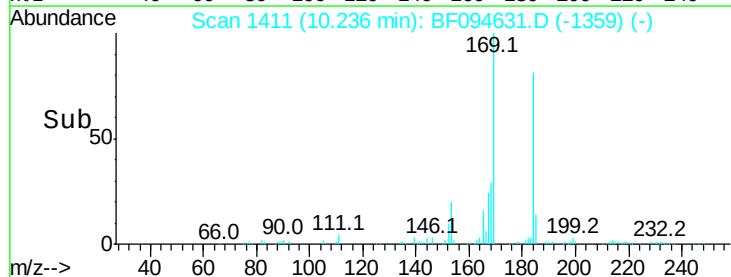
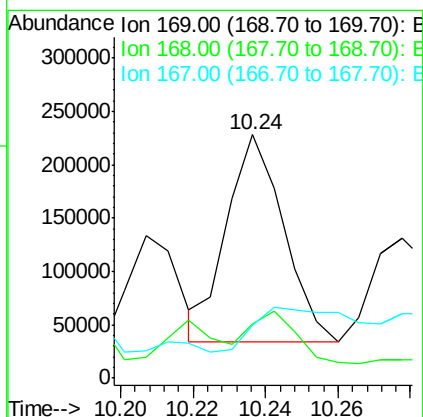
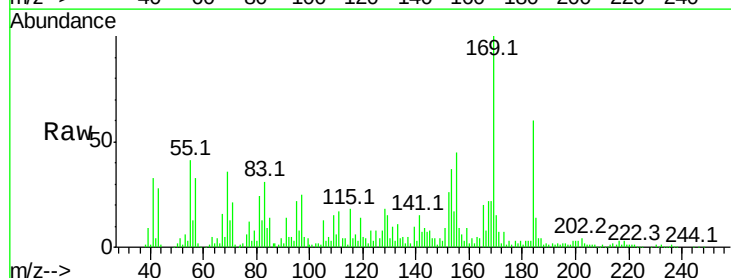
Instrument :
BNA_F
ClientSampleId :

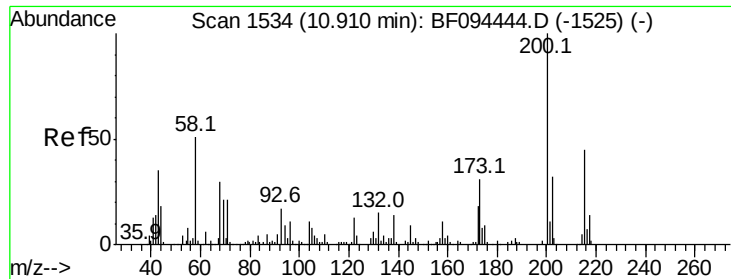
Tot Ion:188 Resp: 222038
Ion Ratio Lower Upper
188 100
94 12.4 9.4 14.2
80 13.8 10.2 15.2



#65
n-Nitrosodiphenylamine
Concen: 27.58 ng
RT: 10.24 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF094631.D
Acq: 26 Apr 2017 4:12

Tgt Ion:169 Resp: 212942
Ion Ratio Lower Upper
169 100
168 22.5 53.2 79.8#
167 21.5 29.5 44.3#

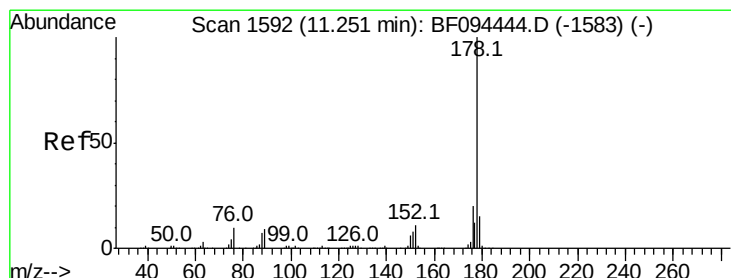
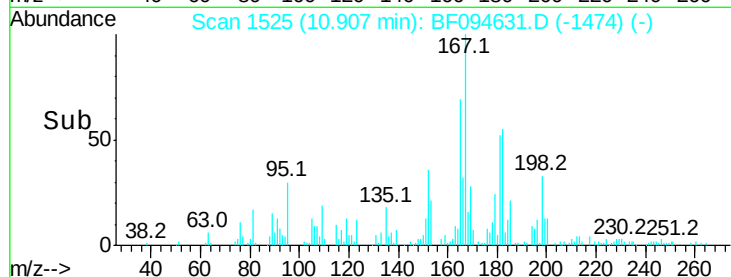
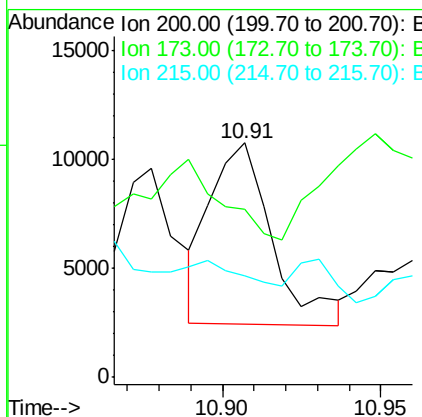
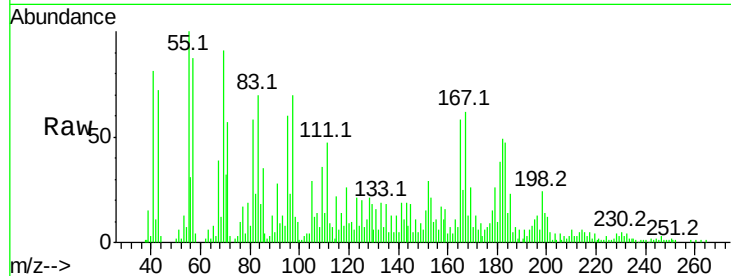




#68
 Atrazine
 Concen: 4.86 ng
 RT: 10.91 min Scan# 1525
 Delta R.T. -0.00 min
 Lab File: BF094631.D
 Acq: 26 Apr 2017 4:12

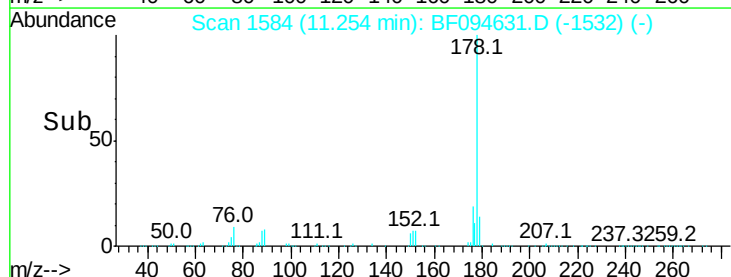
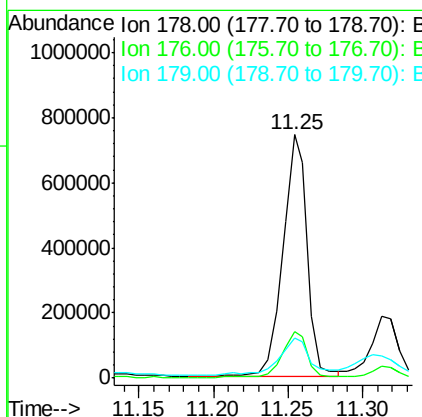
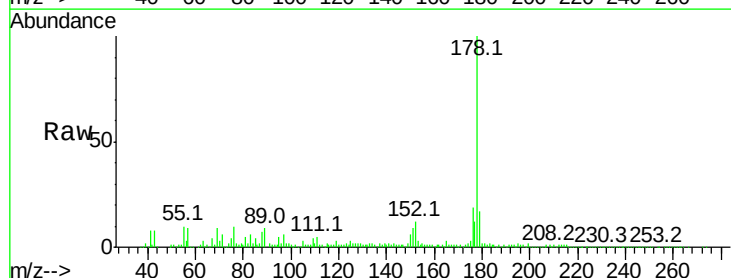
Instrument :
 BNA_F
 ClientSampleId :

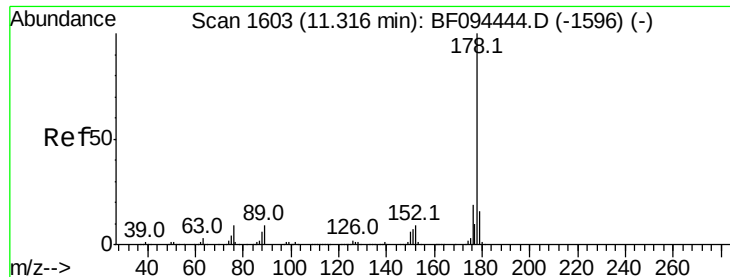
Tot Ion	Ratio	Lower	Upper
200	100		
173	71.8	6.3	46.3#
215	43.0	27.2	67.2



#70
 Phenanthrene
 Concen: 67.69 ng
 RT: 11.25 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: BF094631.D
 Acq: 26 Apr 2017 4:12

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.2	24.4
179	16.6	12.6	19.0

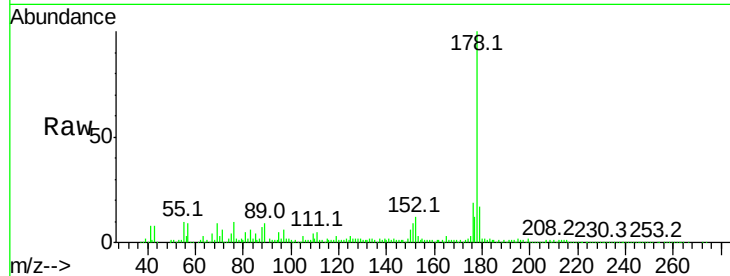




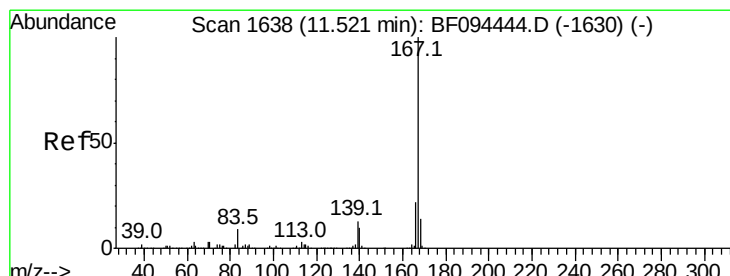
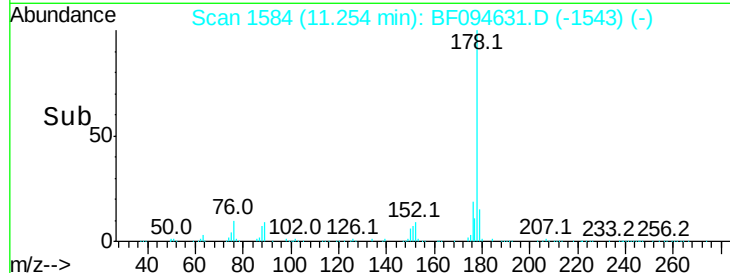
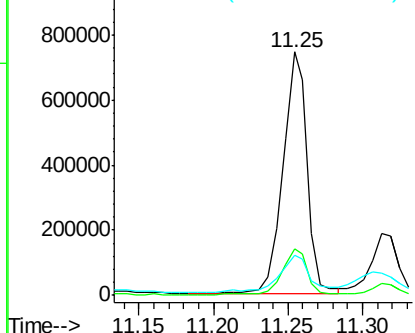
#71
 Anthracene
 Concen: 65.44 ng
 RT: 11.25 min Scan# 1584
 Delta R.T. -0.06 min
 Lab File: BF094631.D
 Acq: 26 Apr 2017 4:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 846394
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.8 23.8
 179 16.6 12.7 19.1

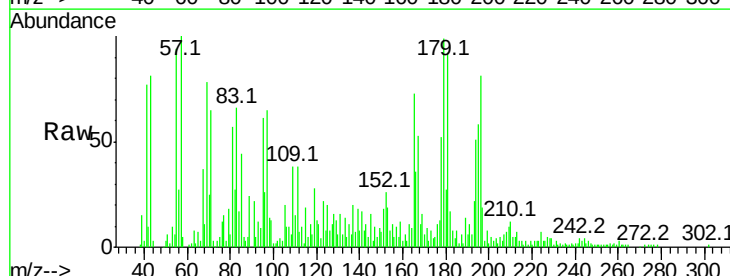


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

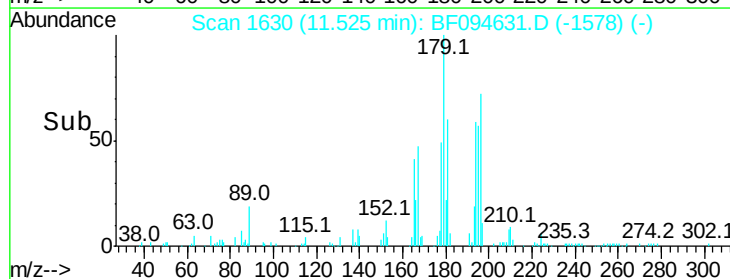
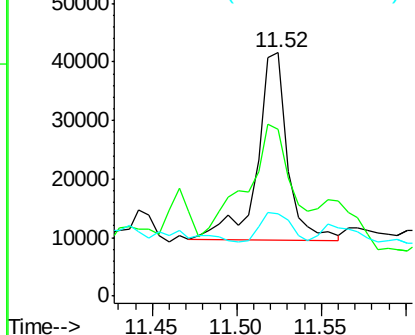


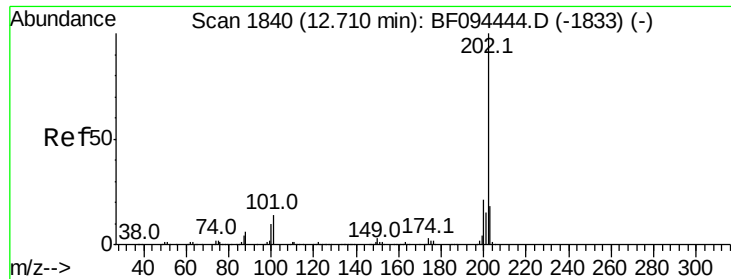
#72
 Carbazole
 Concen: 3.29 ng
 RT: 11.52 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: BF094631.D
 Acq: 26 Apr 2017 4:12

Tgt Ion:167 Resp: 39942
 Ion Ratio Lower Upper
 167 100
 166 68.5 18.1 27.1#
 139 33.7 11.7 17.5#



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: 61.89 ng

RT: 12.71 min Scan# 1832

Delta R.T. 0.00 min

Lab File: BF094631.D

Acq: 26 Apr 2017 4:12

Instrument :

BNA_F

ClientSampleId :

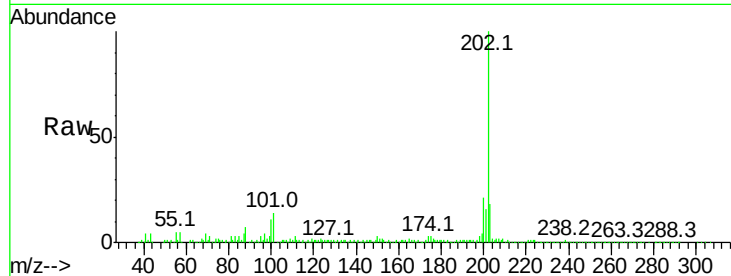
Tot Ion:202 Resp: 801992

Ion Ratio Lower Upper

202 100

101 14.5 0.0 33.2

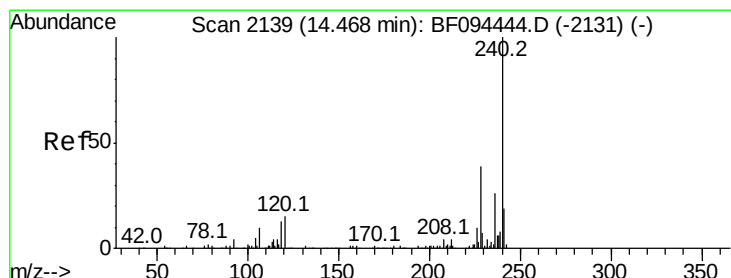
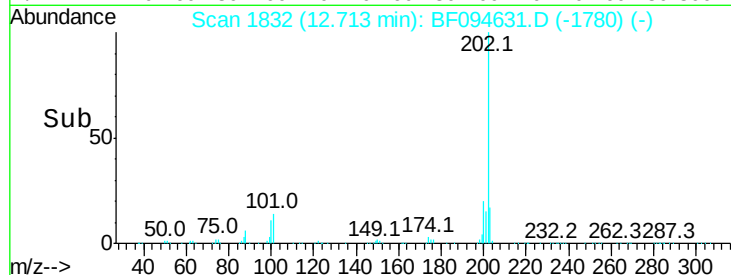
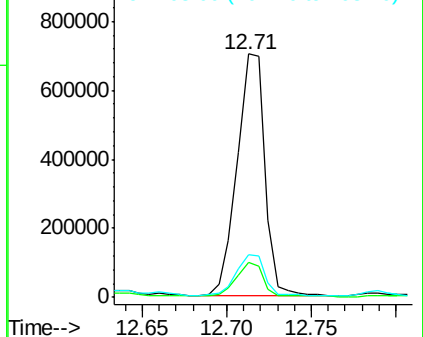
203 17.8 0.0 38.1



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: 14.47 min Scan# 2130

Delta R.T. -0.00 min

Lab File: BF094631.D

Acq: 26 Apr 2017 4:12

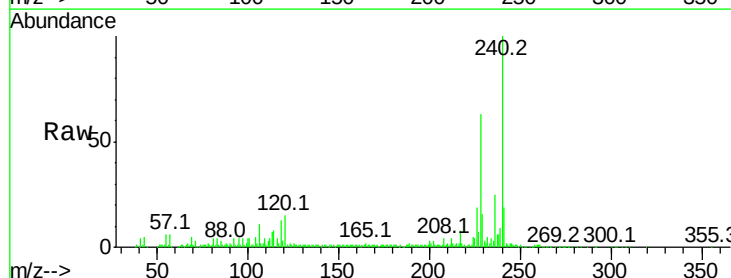
Tgt Ion:240 Resp: 220201

Ion Ratio Lower Upper

240 100

120 15.4 5.8 8.8#

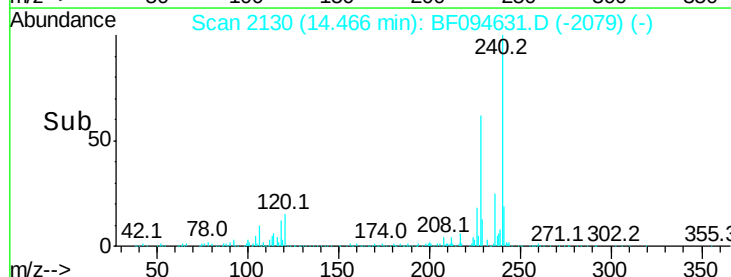
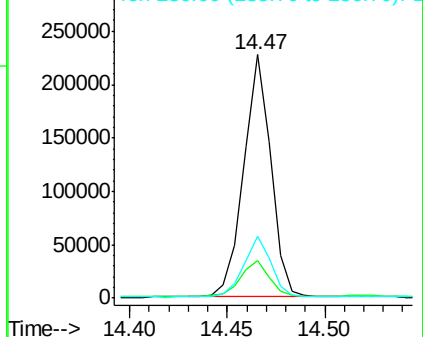
236 25.5 20.5 30.7

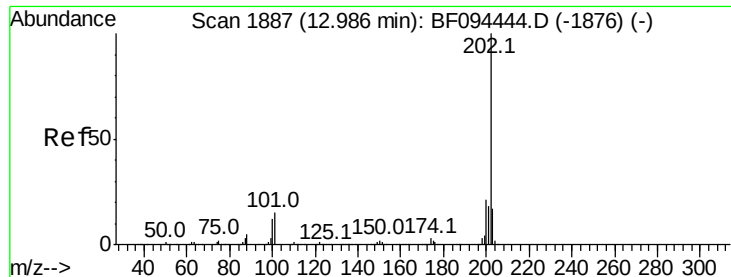


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 57.61 ng

RT: 12.99 min Scan# 1879

Delta R.T. 0.00 min

Lab File: BF094631.D

Acq: 26 Apr 2017 4:12

Instrument :

BNA_F

ClientSampleId :

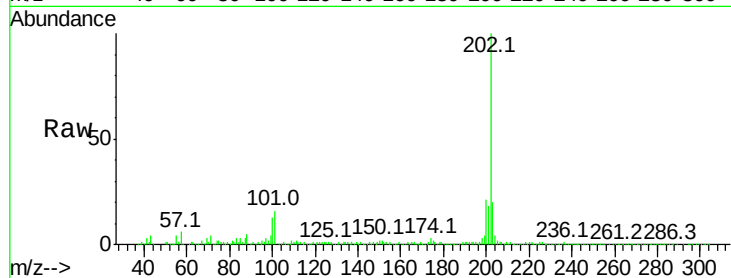
Tot Ion:202 Resp: 886367

Ion Ratio Lower Upper

202 100

200 21.1 17.6 26.4

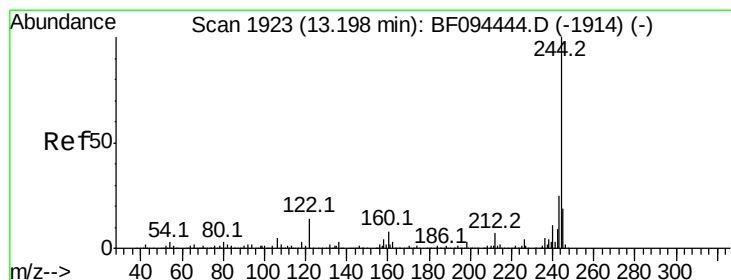
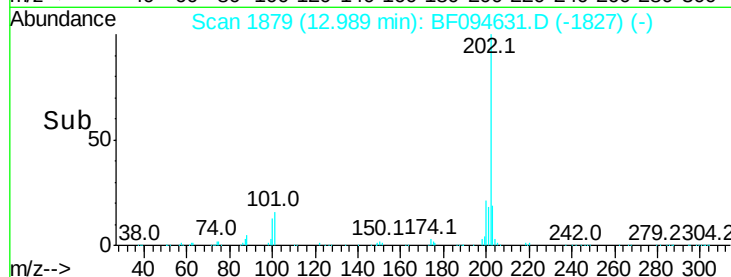
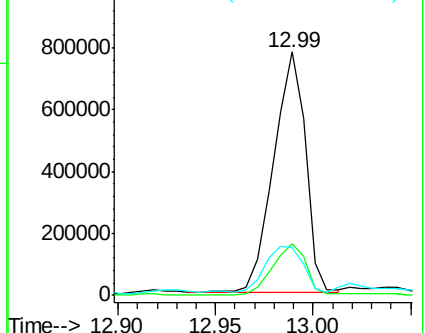
203 19.6 14.4 21.6



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: 16.60 ng

RT: 13.19 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BF094631.D

Acq: 26 Apr 2017 4:12

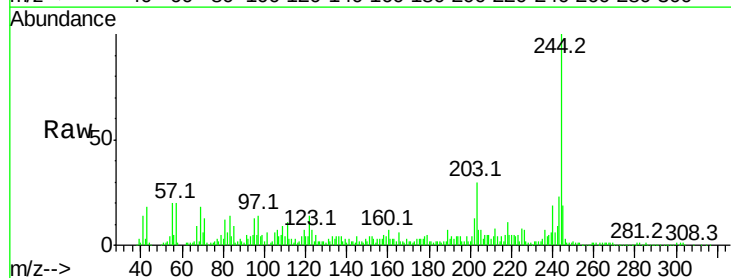
Tgt Ion:244 Resp: 136724

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

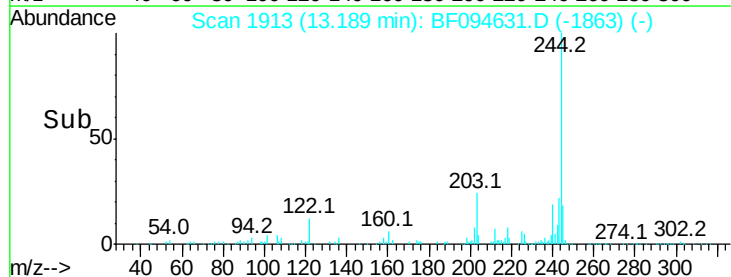
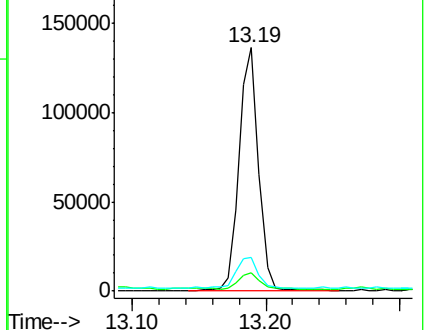
122 13.9 10.3 15.5

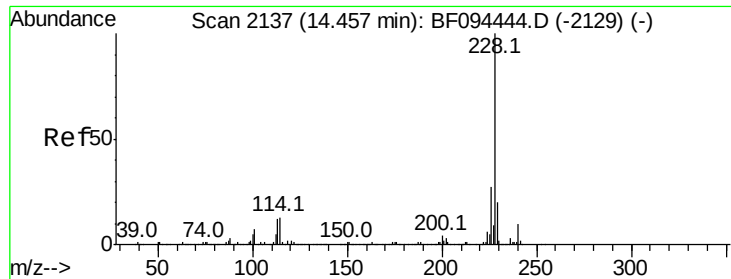


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

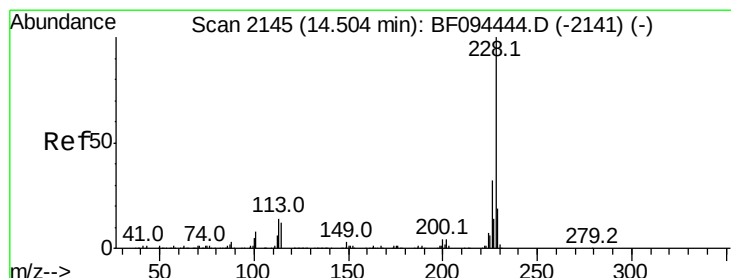
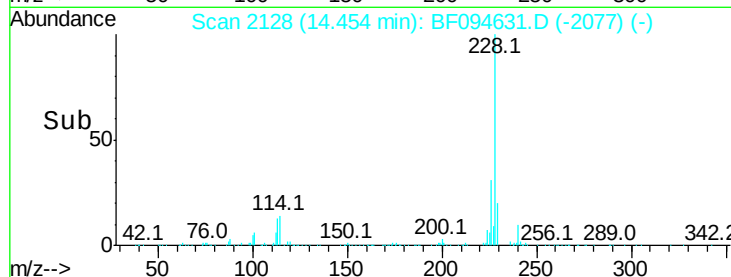
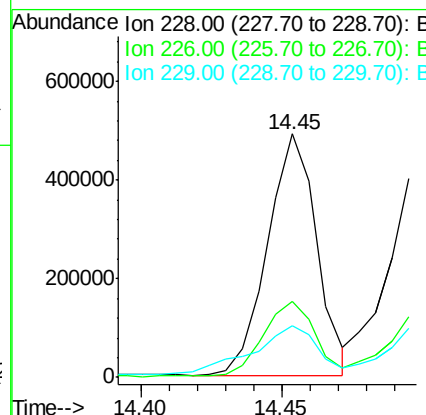
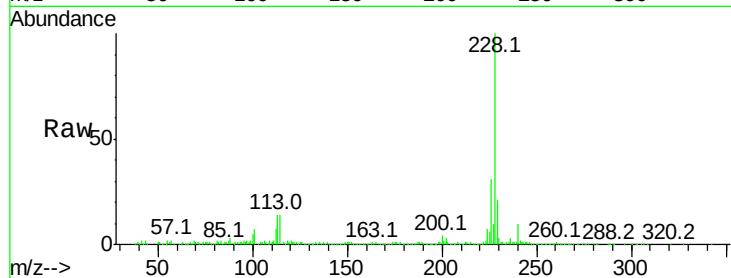




#80
Benzo(a)anthracene
Concen: 46.16 ng
RT: 14.45 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BF094631.D
Acq: 26 Apr 2017 4:12

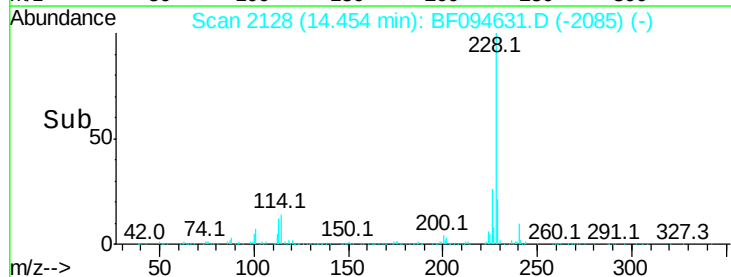
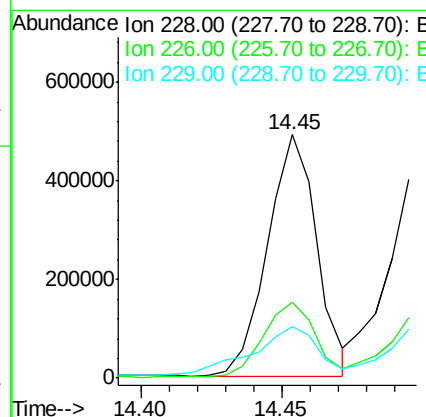
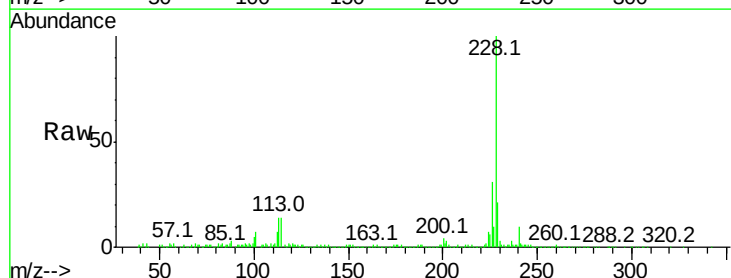
Instrument :
BNA_F
ClientSampleId :

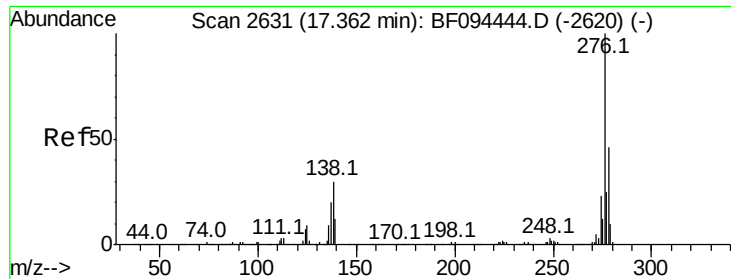
Tot Ion	Ratio	Lower	Upper
228	100		
226	31.0	22.6	33.8
229	21.1	16.3	24.5



#82
Chrysene
Concen: 50.51 ng
RT: 14.45 min Scan# 2128
Delta R.T. -0.05 min
Lab File: BF094631.D
Acq: 26 Apr 2017 4:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.9	37.3
229	21.1	15.8	23.6

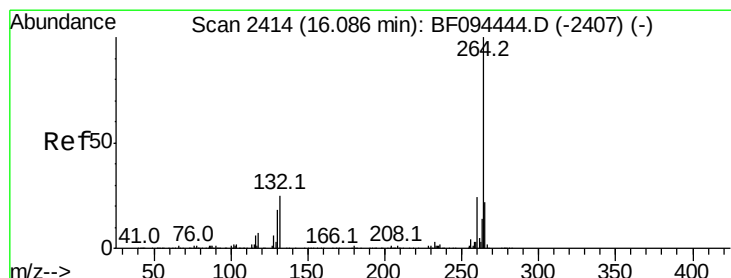
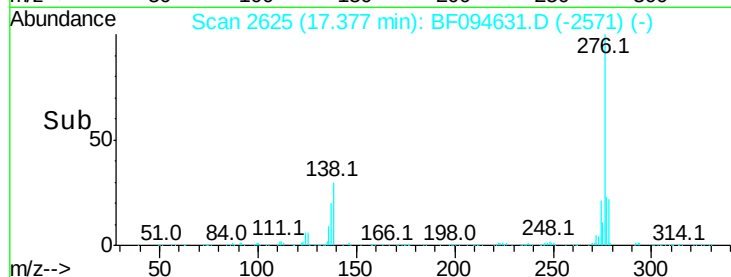
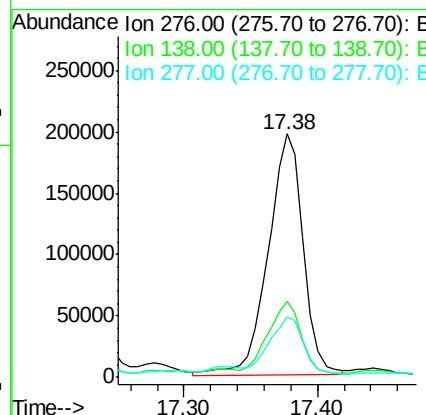
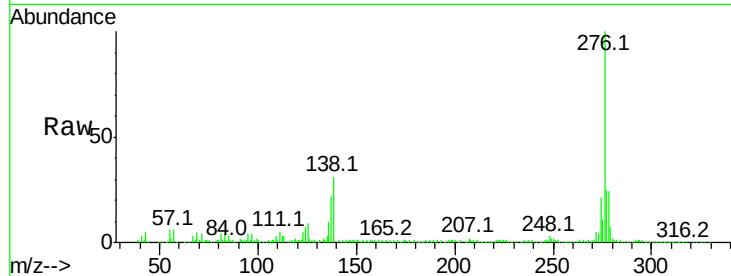




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 32.19 ng
 RT: 17.38 min Scan# 2625
 Delta R.T. 0.01 min
 Lab File: BF094631.D
 Acq: 26 Apr 2017 4:12

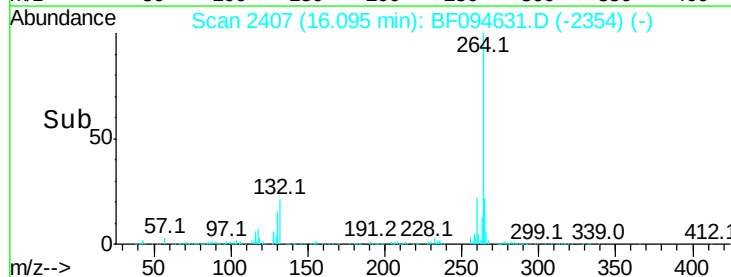
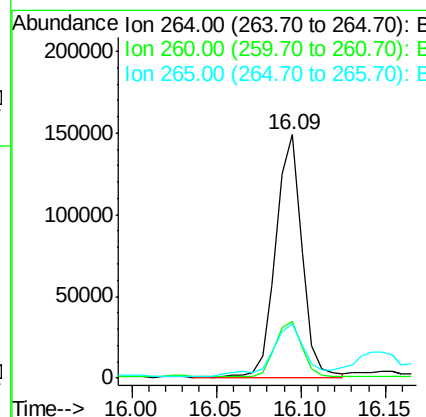
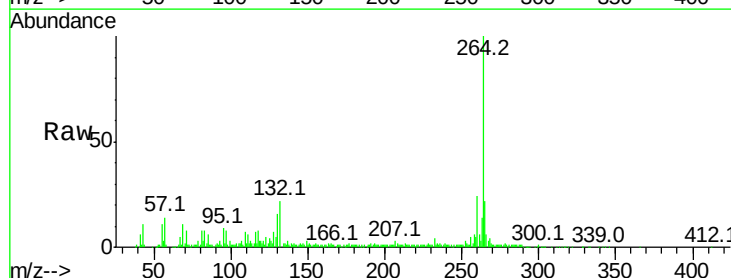
Instrument :
 BNA_F
 ClientSampled :

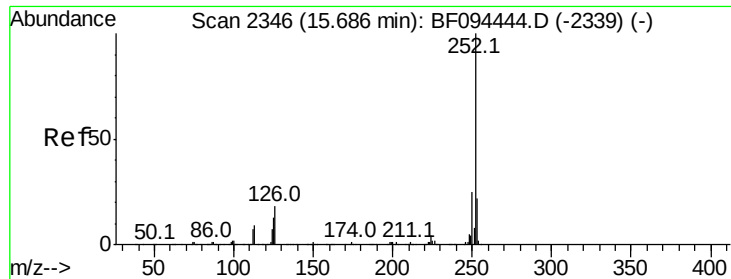
Tot Ion	Ratio	Lower	Upper
276	100		
138	31.9	27.8	41.6
277	22.5	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.09 min Scan# 2407
 Delta R.T. 0.01 min
 Lab File: BF094631.D
 Acq: 26 Apr 2017 4:12

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	22.2	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 95.98 ng

RT: 15.70 min Scan# 2340

Delta R.T. 0.01 min

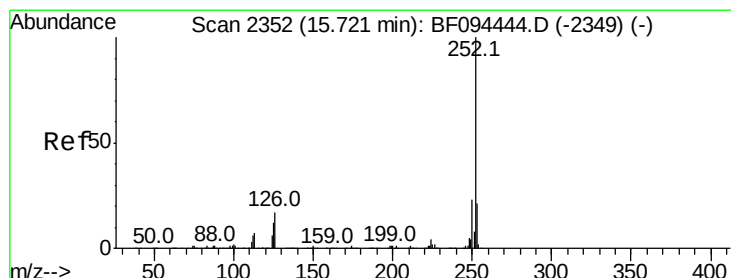
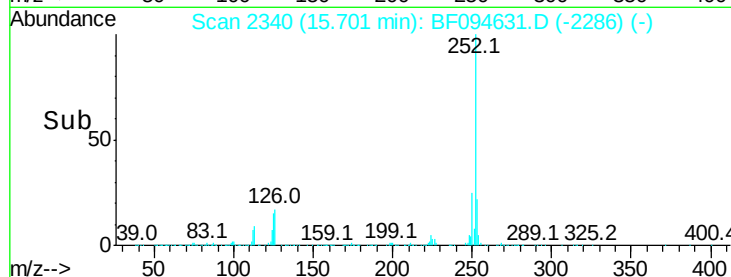
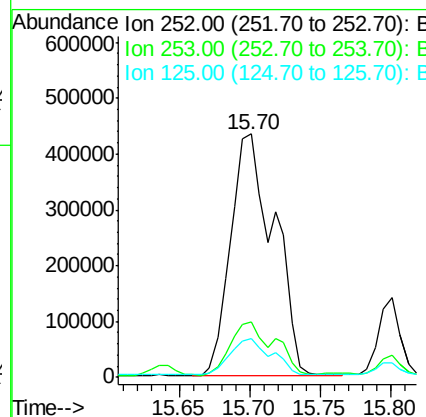
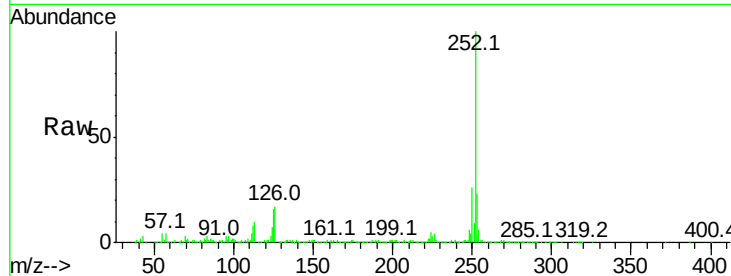
Lab File: BF094631.D

Acq: 26 Apr 2017 4:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 941676

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.1	27.1
125	15.8	9.8	14.8#



#88

Benzo(k)fluoranthene

Concen: 101.43 ng

RT: 15.70 min Scan# 2340

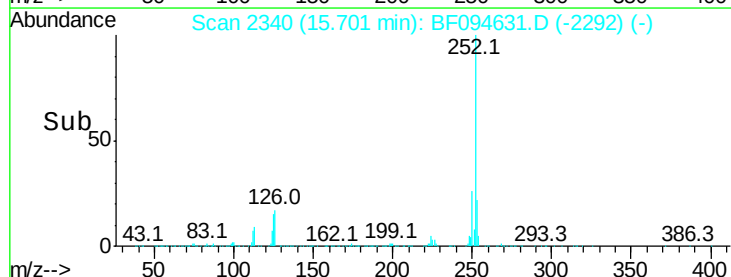
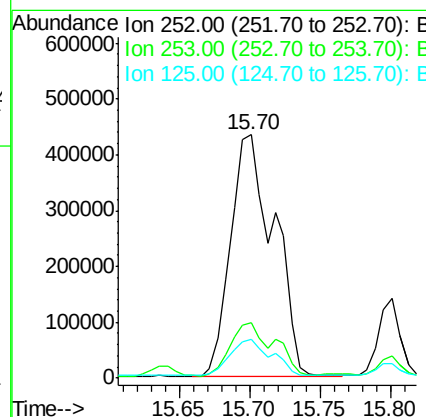
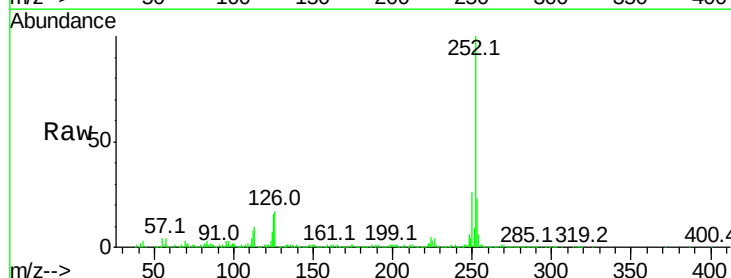
Delta R.T. -0.02 min

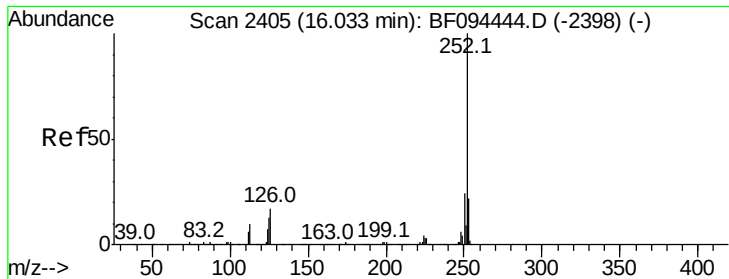
Lab File: BF094631.D

Acq: 26 Apr 2017 4:12

Tgt Ion:252 Resp: 941676

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.4	27.6
125	15.8	13.1	19.7

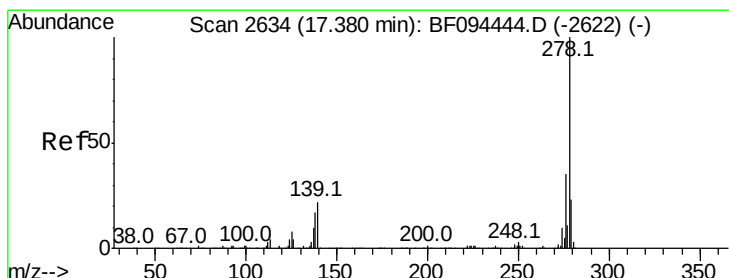
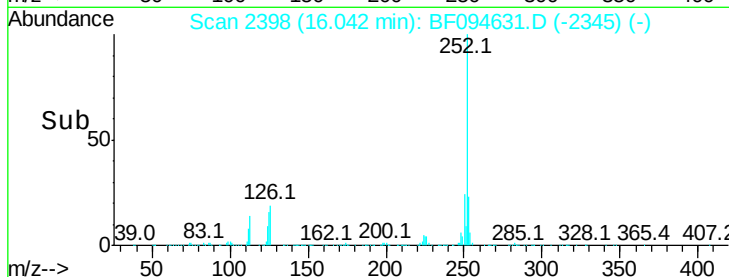
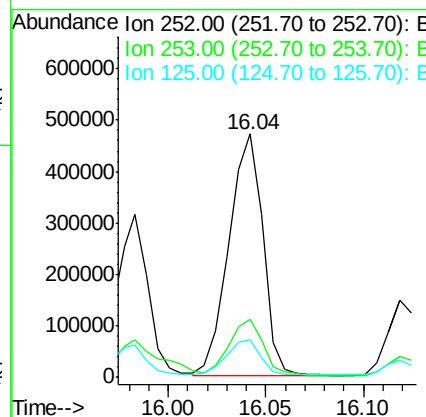
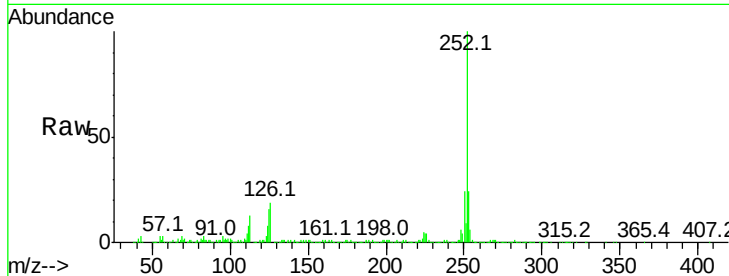




#89
Benzo(a)pyrene
Concen: 62.62 ng
RT: 16.04 min Scan# 2398
Delta R.T. 0.01 min
Lab File: BF094631.D
Acq: 26 Apr 2017 4:12

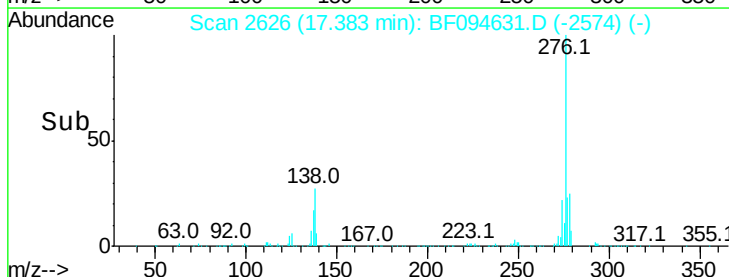
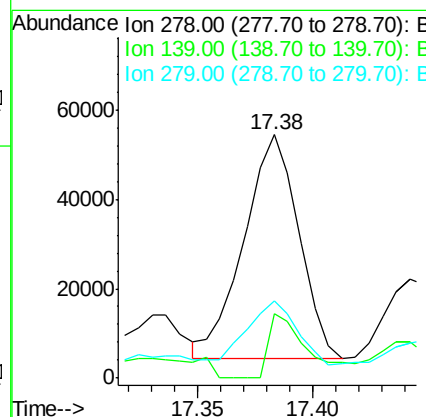
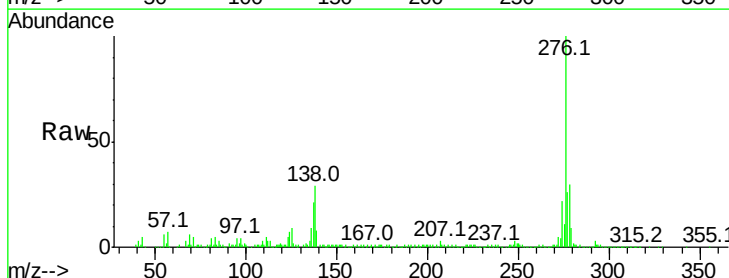
Instrument :
BNA_F
ClientSampleId :

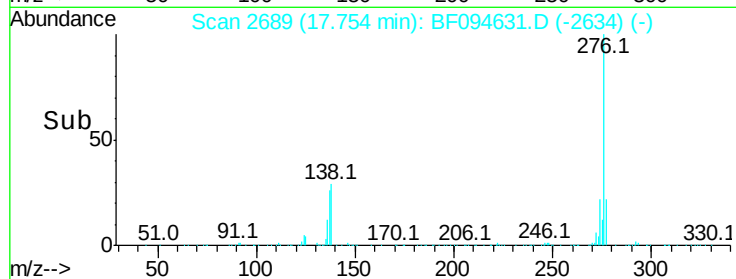
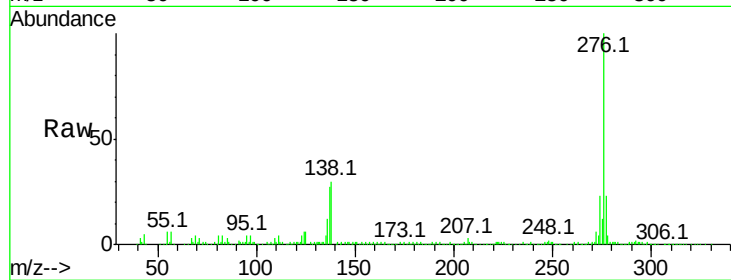
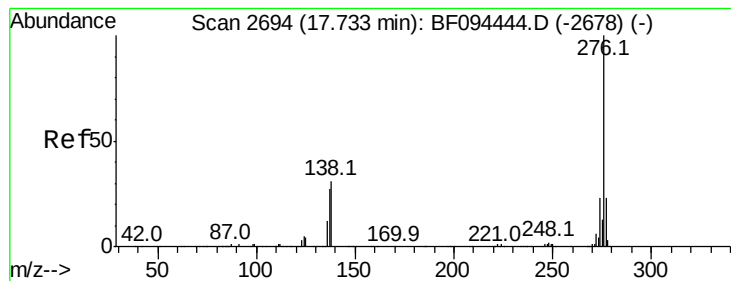
Tot Ion:252 Resp: 571600
Ion Ratio Lower Upper
252 100
253 23.8 17.5 26.3
125 15.6 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 10.86 ng
RT: 17.38 min Scan# 2626
Delta R.T. 0.00 min
Lab File: BF094631.D
Acq: 26 Apr 2017 4:12

Tgt Ion:278 Resp: 82269
Ion Ratio Lower Upper
278 100
139 26.7 16.6 24.8#
279 31.5 19.3 28.9#





#91

Benzo(a,h,i)perylene

Concen: 44.22 ng

RT: 17.75 min Scan# 2689

Delta R.T. 0.02 min

Lab File: BF094631.D

Acq: 26 Apr 2017 4:12

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 276 Resp: 341205

Ion Ratio Lower Upper

276 100

277 22.9 18.6 28.0

138 30.0 25.4 38.0

