

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071917\
 Data File : BF096880.D
 Acq On : 19 Jul 2017 20:00
 Operator : SJ/JU
 Sample : I4244-01DL 20X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 20 00:53:36 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 18 13:33:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	81742	20.00	ng	-0.01
21) Naphthalene-d8	7.87	136	251267	20.00	ng	-0.01
38) Acenaphthene-d10	9.63	164	108082	20.00	ng	0.00
63) Phenanthrene-d10	11.11	188	163890	20.00	ng	0.00
75) Chrysene-d12	13.72	240	155466	20.00	ng	-0.01
86) Perylene-d12	15.09	264	145082	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.19	112	25657	4.72	ng	-0.01
7) Phenol-d6	6.23	99	32946	5.05	ng	-0.02
23) Nitrobenzene-d5	7.15	82	38310	9.44	ng	-0.02
41) 2,4,6-Tribromophenol	10.42	330	3665	3.97	ng	0.00
44) 2-Fluorobiphenyl	8.96	172	33433	4.89	ng	0.00
78) Terphenyl-d14	12.68	244	25576	2.85	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
18) Hexachloroethane	7.09	117	12128	5.42	ng	# 1
19) n-Nitroso-di-n-propylamine	7.00	70	9812	2.50	ng	# 11
22) Acetophenone	6.99	105	190861	33.99	ng	# 49
25) Isophorone	7.40	82	17195	2.28	ng	# 1
26) 2-Nitrophenol	7.52	139	4869	2.09	ng	# 1
29) 2,4-Dichlorophenol	7.74	162	8884	2.56	ng	# 46
31) Naphthalene	7.90	128	26138	2.20	ng	# 55
32) Benzoic acid	7.67	122	5675	2.31	ng	# 33
35) Caprolactam	8.33	113	54472	48.94	ng	# 1
36) 4-Chloro-3-methylphenol	8.41	107	11473	3.07	ng	# 32
37) 2-Methylnaphthalene	8.60	142	417283	54.99	ng	100
45) 1,1'-Biphenyl	9.06	154	165236	17.83	ng	99
48) Acenaphthylene	9.50	152	38007	3.49	ng	# 1
49) Dimethylphthalate	9.35	163	18275	2.25	ng	# 17
50) 2,6-Dinitrotoluene	9.42	165	3966	2.25	ng	# 1
51) Acenaphthene	9.66	154	74857	11.65	ng	# 87
53) 2,4-Dinitrophenol	9.69	184	437	7.20	ng	# 1
54) Dibenzofuran	9.84	168	55516	6.17	ng	# 11
55) 4-Nitrophenol	9.75	139	42737	28.01	ng	75
56) 2,4-Dinitrotoluene	9.85	165	35865	15.83	ng	# 48
57) Fluorene	10.18	166	144521	21.72	ng	# 77
59) Diethylphthalate	10.06	149	35337	4.46	ng	# 66
60) 4-Chlorophenyl-phenylether	10.19	204	1914	Below Cal		# 1
62) Azobenzene	10.34	77	29849	4.27	ng	# 1
65) n-Nitrosodiphenylamine	10.30	169	160068	27.32	ng	# 58
68) Atrazine	10.82	200	3601	2.16	ng	# 39
70) Phenanthrene	11.14	178	415407	46.62	ng	# 96
71) Anthracene	11.14	178	415407	46.11	ng	97
74) Fluoranthene	12.32	202	29071	3.41	ng	85
77) Pyrene	12.54	202	84126	5.96	ng	96
83) Bis(2-ethylhexyl)phthalate	13.72	149	23373	2.86	ng	98
85) Indeno(1,2,3-cd)pyrene	16.36	276	3162	3.67	ng	# 74

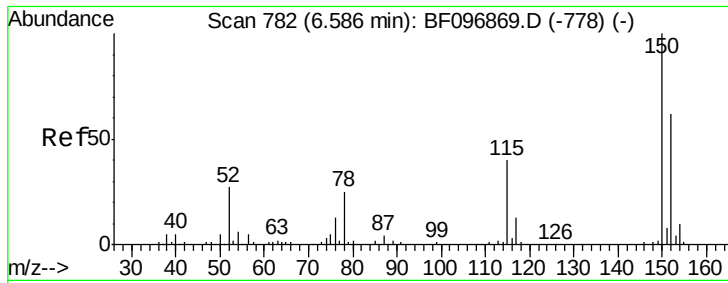
Data Path : Z:\HPCHEM1\BNA F\DATA\BF071917\
Data File : BF096880.D
Acq On : 19 Jul 2017 20:00
Operator : SJ/JU
Sample : I4244-01DL 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jul 20 00:53:36 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 18 13:33:22 2017
Response via : Initial Calibration

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

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

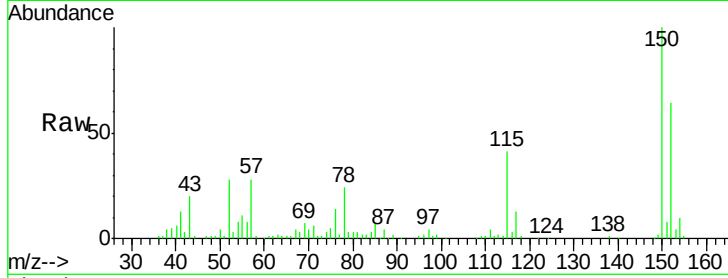


#1

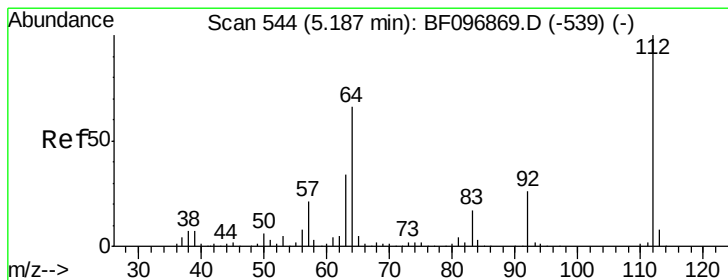
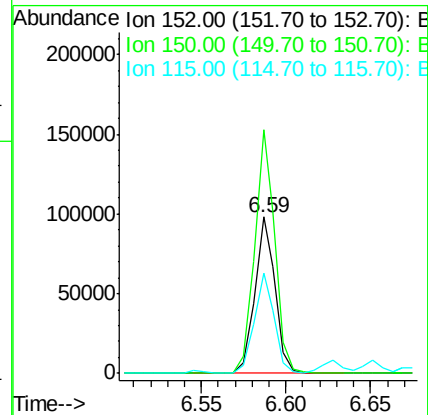
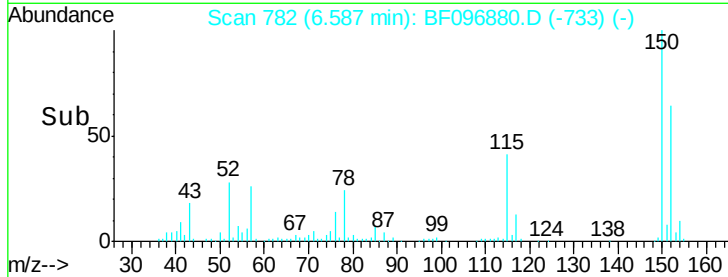
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.59 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF096880.D
Acq: 19 Jul 2017 20:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 81742
Ion Ratio Lower Upper
152 100
150 155.9 126.2 189.2
115 64.3 52.2 78.2



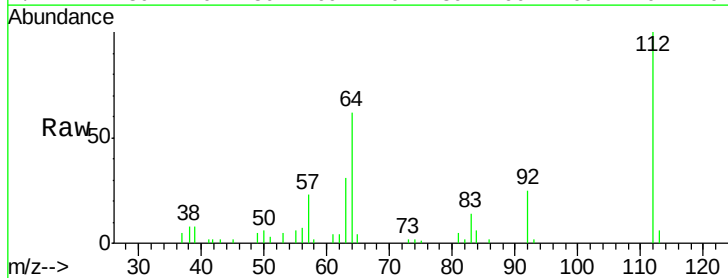
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



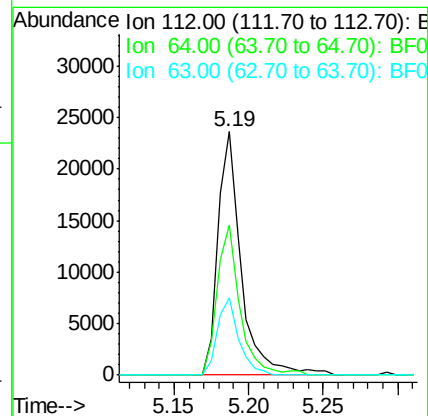
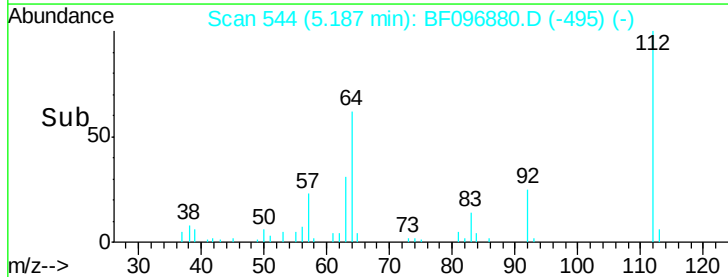
#5

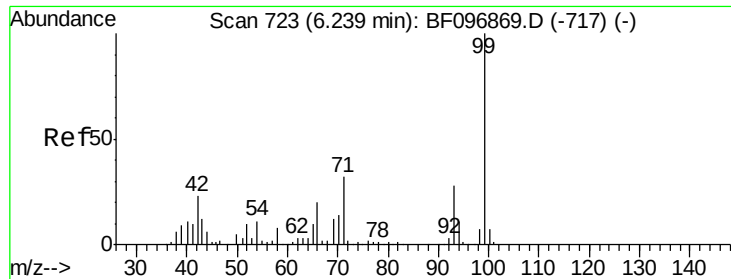
2-Fluorophenol
Concen: 4.72 ng
RT: 5.19 min Scan# 544
Delta R.T. -0.01 min
Lab File: BF096880.D
Acq: 19 Jul 2017 20:00

Tgt Ion:112 Resp: 25657
Ion Ratio Lower Upper
112 100
64 61.9 46.0 69.0
63 31.5 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: 5.05 ng

RT: 6.23 min Scan# 722

Delta R.T. -0.02 min

Lab File: BF096880.D

Acq: 19 Jul 2017 20:00

Instrument :

BNA_F

ClientSampled :

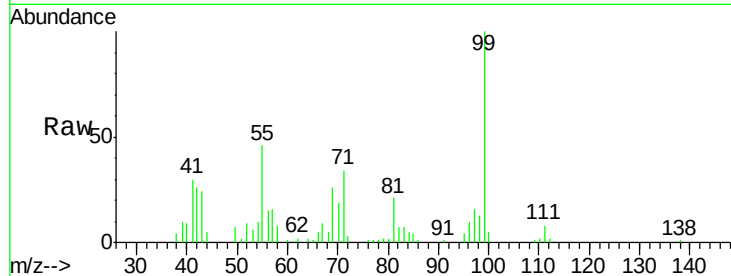
Tot Ion: 99 Resp: 32946

Ion Ratio Lower Upper

99 100

42 26.0 13.5 20.3#

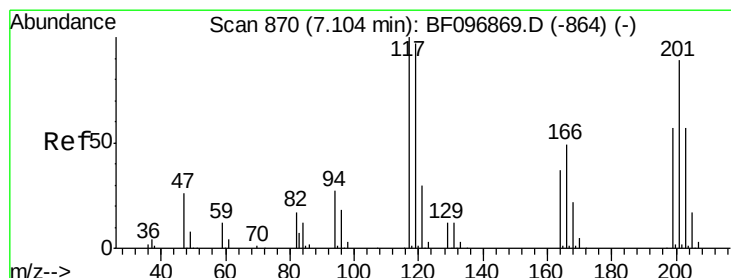
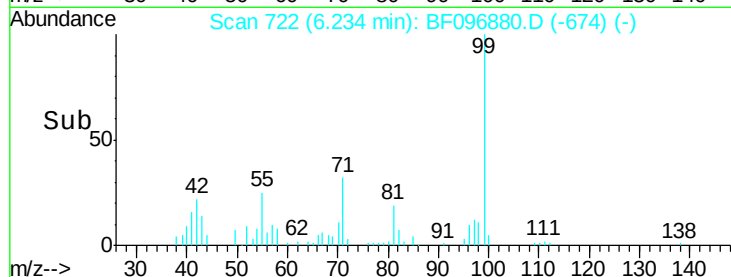
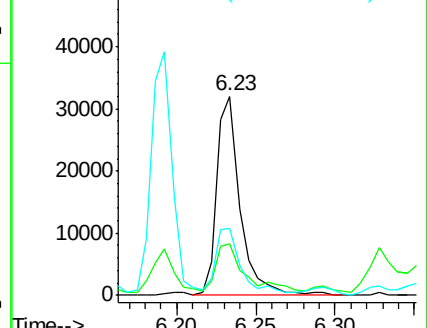
71 33.8 24.5 36.7



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



#18

Hexachloroethane

Concen: 5.42 ng

RT: 7.09 min Scan# 867

Delta R.T. -0.02 min

Lab File: BF096880.D

Acq: 19 Jul 2017 20:00

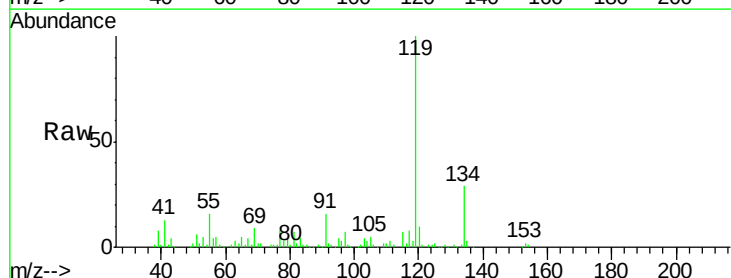
Tgt Ion: 117 Resp: 12128

Ion Ratio Lower Upper

117 100

119 1266.5 77.4 116.0#

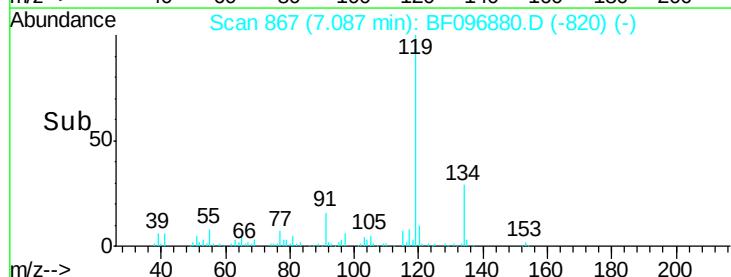
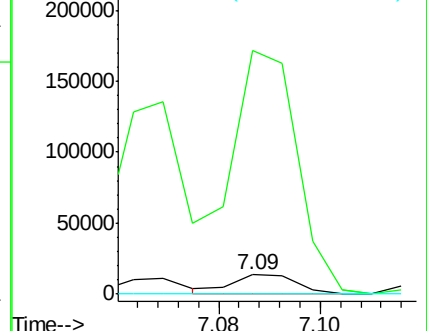
201 0.0 94.6 141.8#

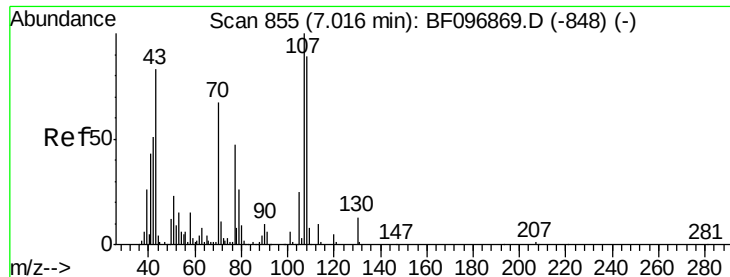


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

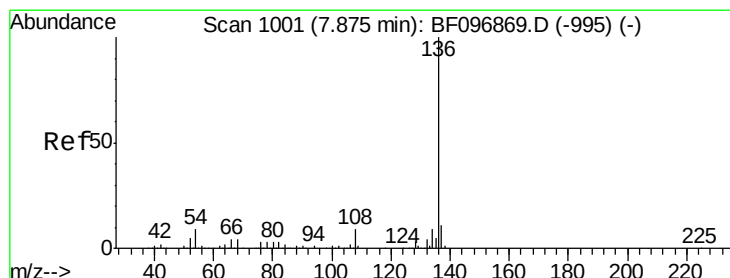
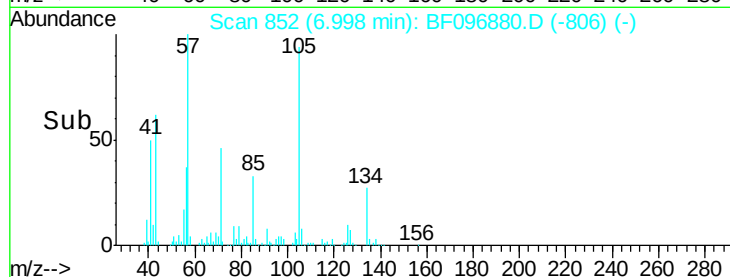
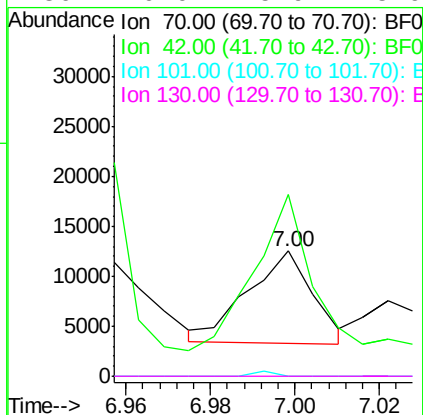
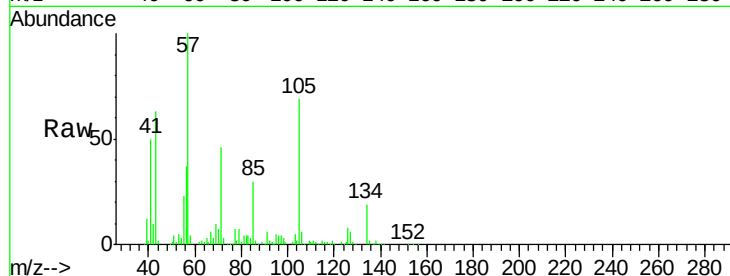




#19
n-Nitroso-di-n-propylamine
Concen: 2.50 ng
RT: 7.00 min Scan# 852
Delta R.T. -0.03 min
Lab File: BF096880.D
Acq: 19 Jul 2017 20:00

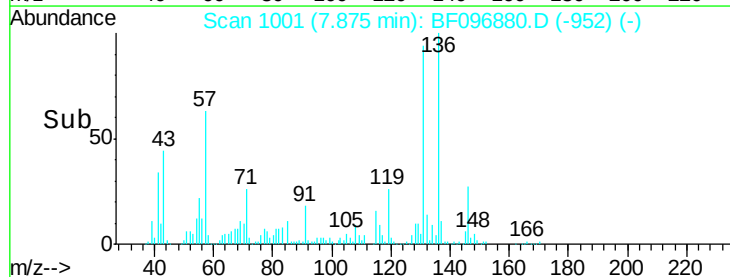
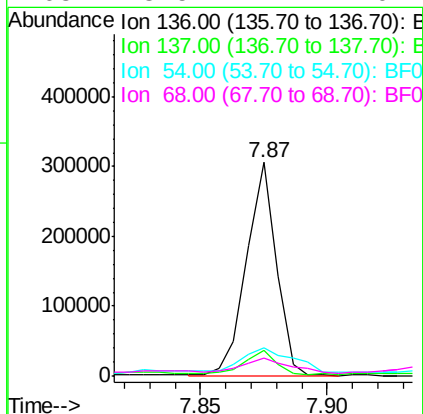
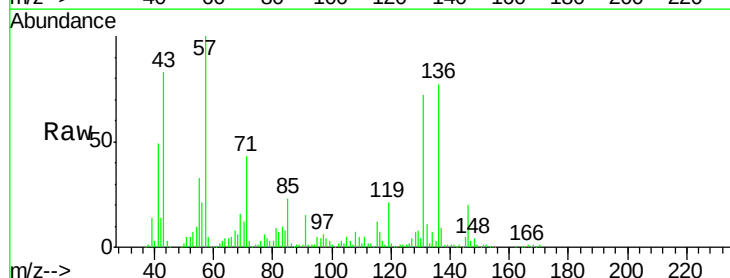
Instrument :
BNA_F
ClientSampled :

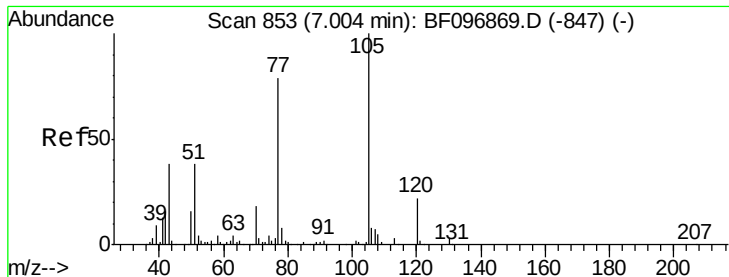
Tot Ion: 70 Resp: 9812
Ion Ratio Lower Upper
70 100
42 144.6 47.2 70.8#
101 0.0 7.2 10.8#
130 0.0 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.87 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF096880.D
Acq: 19 Jul 2017 20:00

Tgt Ion:136 Resp: 251267
Ion Ratio Lower Upper
136 100
137 11.7 8.5 12.7
54 13.4 4.9 7.3#
68 8.5 4.1 6.1#





#22

Acetophenone

Concen: 33.99 ng

RT: 6.99 min Scan# 851

Delta R.T. -0.02 min

Lab File: BF096880.D

Acq: 19 Jul 2017 20:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion:105 Resp: 190861

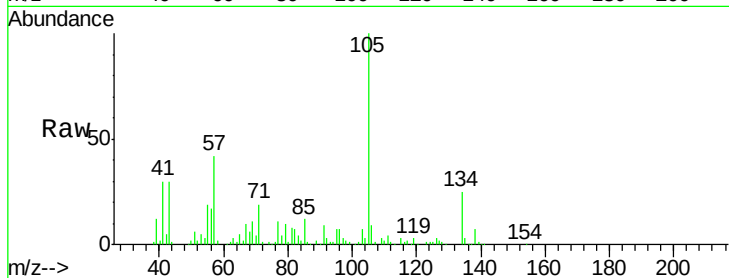
Ion Ratio Lower Upper

105 100

71 18.6 2.8 4.2#

51 5.6 30.7 46.1#

120 0.3 17.4 26.0#

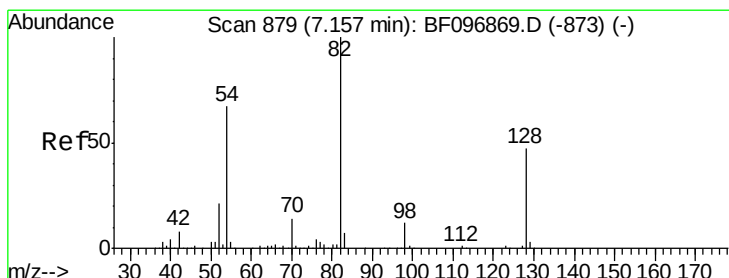
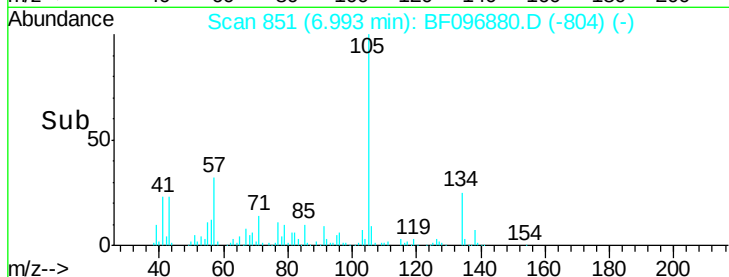
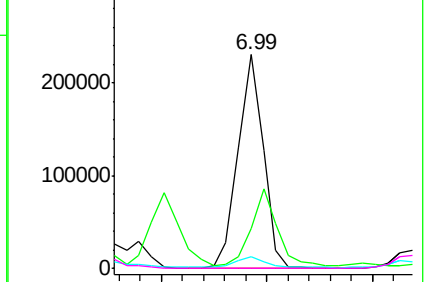


Abundance Ion 105.00 (104.70 to 105.70): E

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



#23

Nitrobenzene-d5

Concen: 9.44 ng

RT: 7.15 min Scan# 878

Delta R.T. -0.02 min

Lab File: BF096880.D

Acq: 19 Jul 2017 20:00

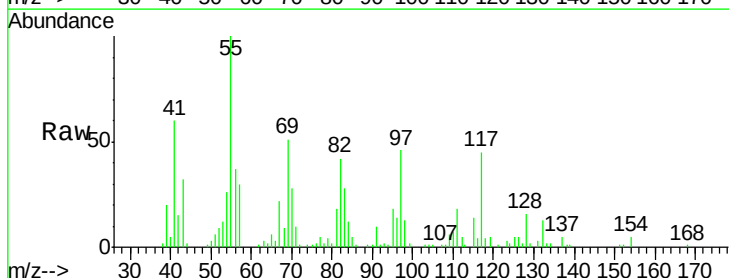
Tgt Ion: 82 Resp: 38310

Ion Ratio Lower Upper

82 100

128 38.8 34.0 51.0

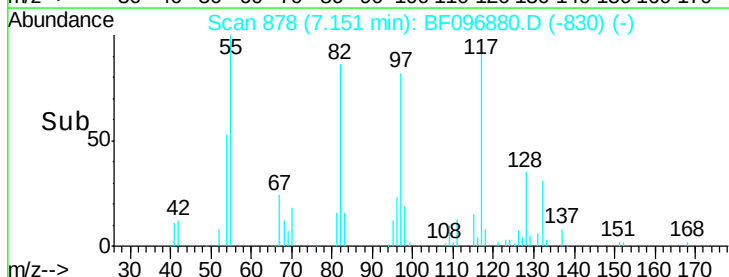
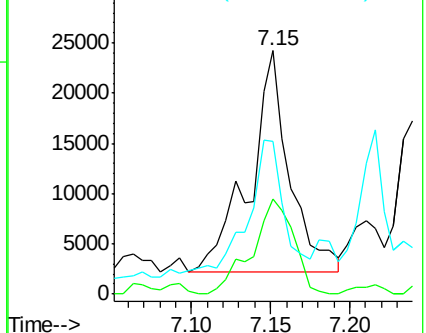
54 62.8 42.2 63.2

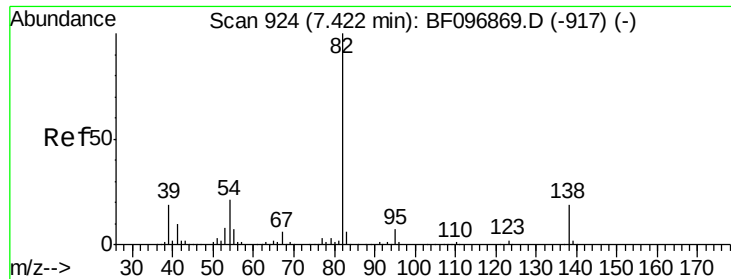


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

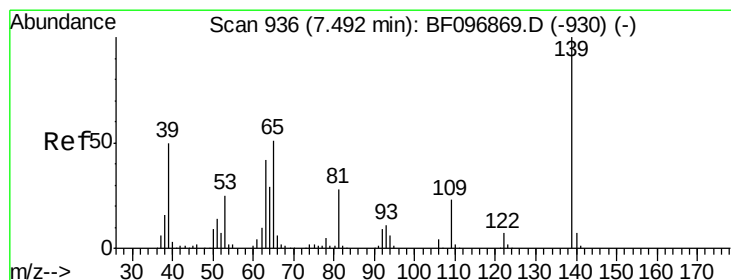
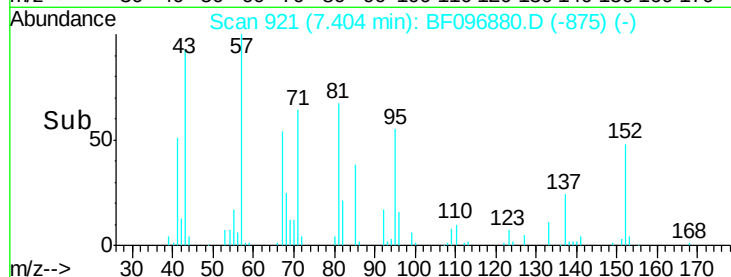
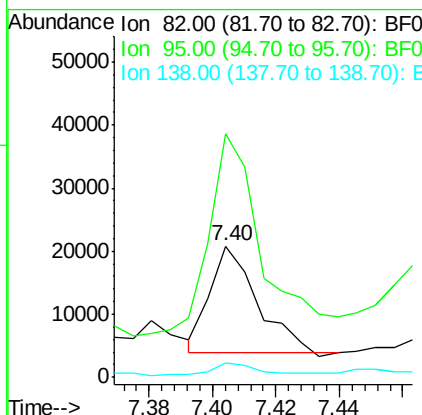
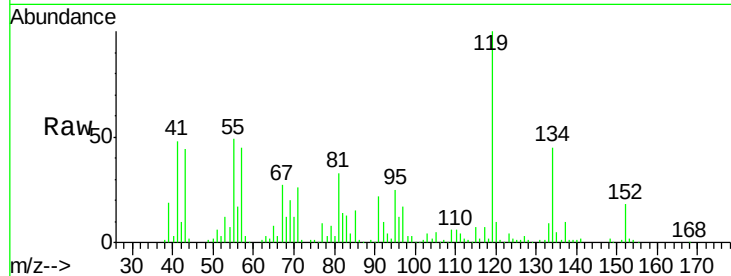




#25
Isophorone
Concen: 2.28 ng
RT: 7.40 min Scan# 921
Delta R.T. -0.03 min
Lab File: BF096880.D
Acq: 19 Jul 2017 20:00

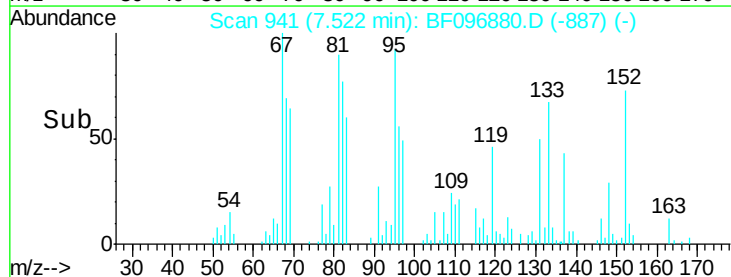
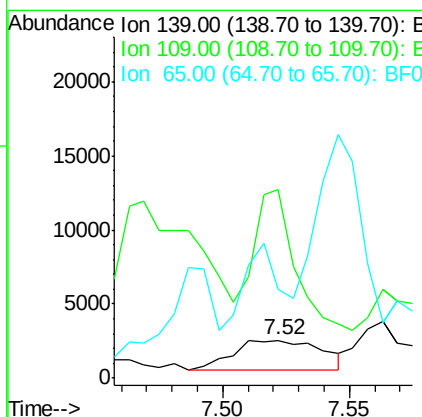
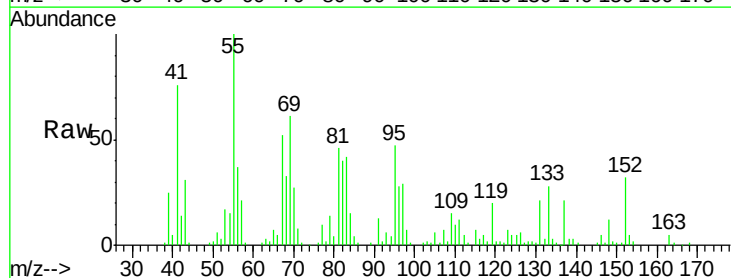
Instrument :
BNA_F
ClientSampleId :

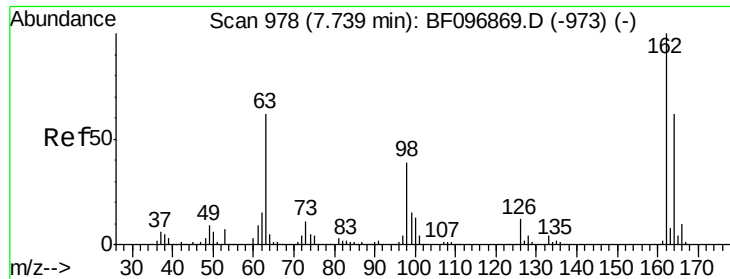
Tot Ion: 82 Resp: 17195
Ion Ratio Lower Upper
82 100
95 185.9 5.3 7.9#
138 10.7 13.1 19.7#



#26
2-Nitrophenol
Concen: 2.09 ng
RT: 7.52 min Scan# 941
Delta R.T. 0.02 min
Lab File: BF096880.D
Acq: 19 Jul 2017 20:00

Tgt Ion: 139 Resp: 4869
Ion Ratio Lower Upper
139 100
109 494.1 21.0 31.6#
65 232.4 33.0 49.6#

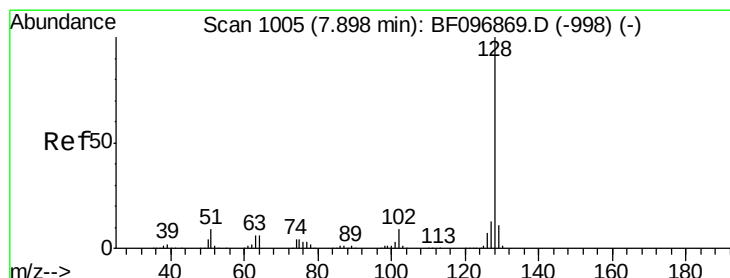
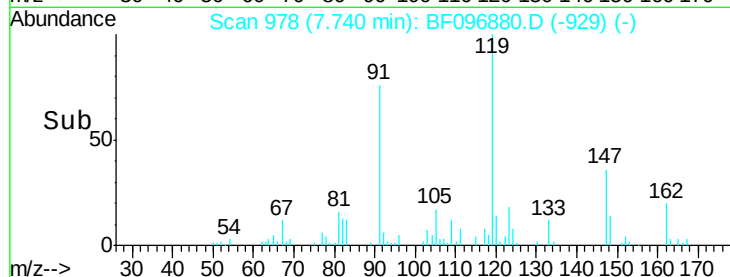
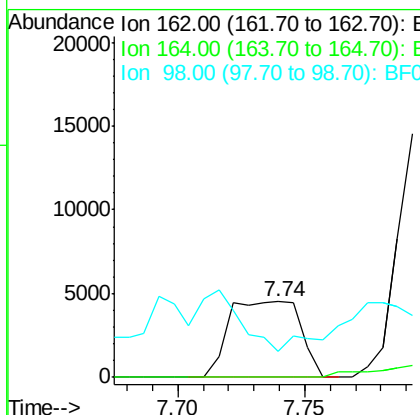
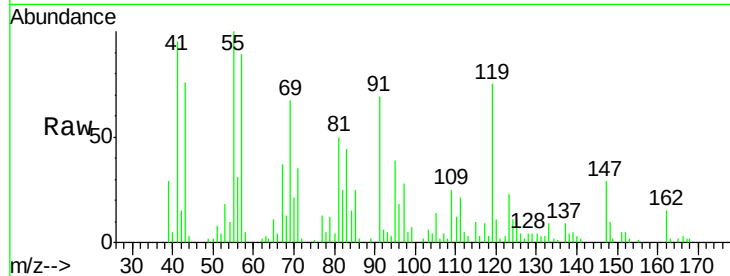




#29
2,4-Dichlorophenol
Concen: 2.56 ng
RT: 7.74 min Scan# 978
Delta R.T. -0.01 min
Lab File: BF096880.D
Acq: 19 Jul 2017 20:00

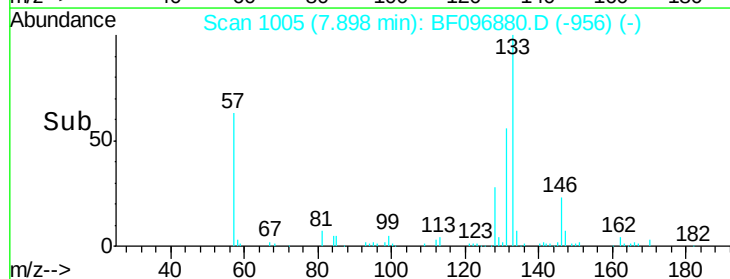
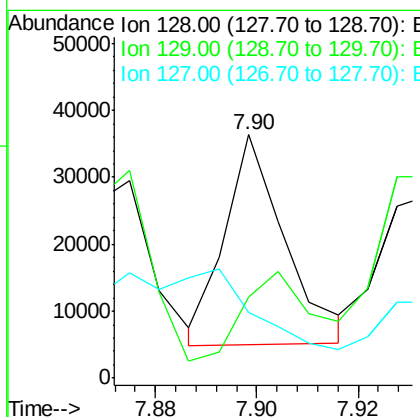
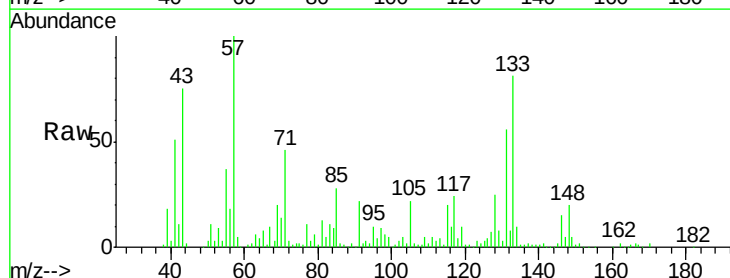
Instrument :
BNA_F
ClientSampled :

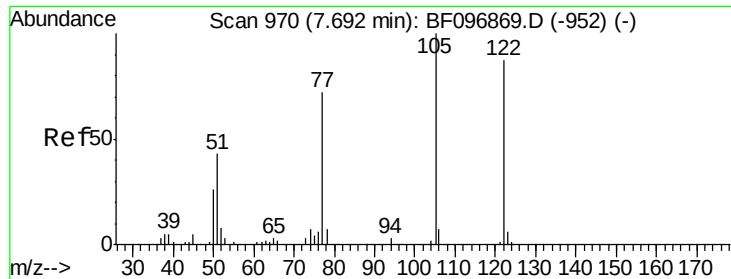
Tot Ion:162 Resp: 8884
Ion Ratio Lower Upper
162 100
164 0.0 44.6 84.6#
98 34.1 14.8 54.8



#31
Naphthalene
Concen: 2.20 ng
RT: 7.90 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF096880.D
Acq: 19 Jul 2017 20:00

Tgt Ion:128 Resp: 26138
Ion Ratio Lower Upper
128 100
129 33.5 9.0 13.6#
127 27.0 10.8 16.2#

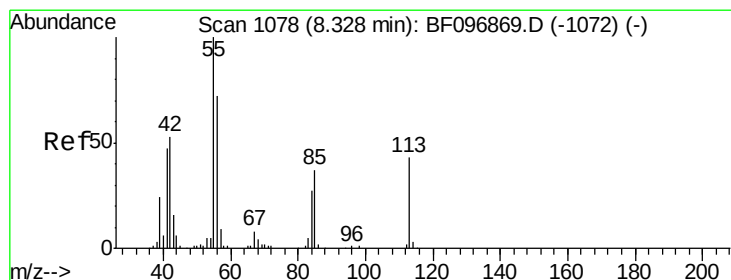
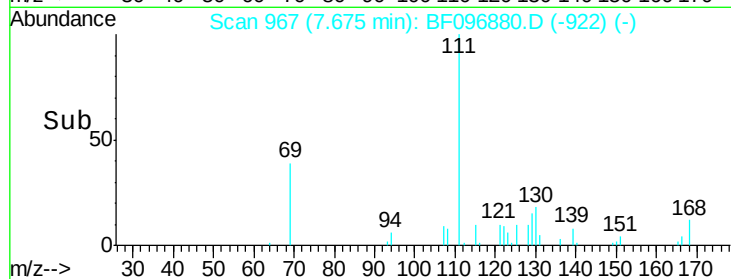
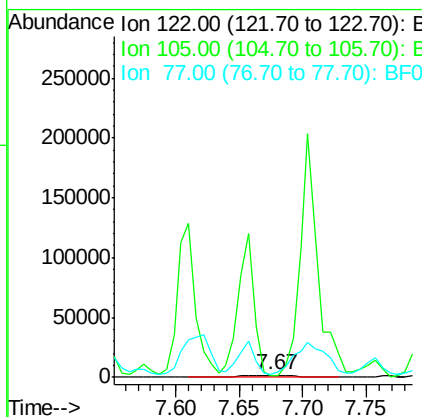
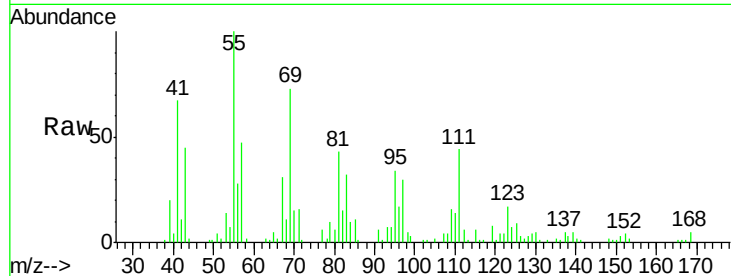




#32
Benzoic acid
Concen: 2.31 ng
RT: 7.67 min Scan# 967
Delta R.T. -0.04 min
Lab File: BF096880.D
Acq: 19 Jul 2017 20:00

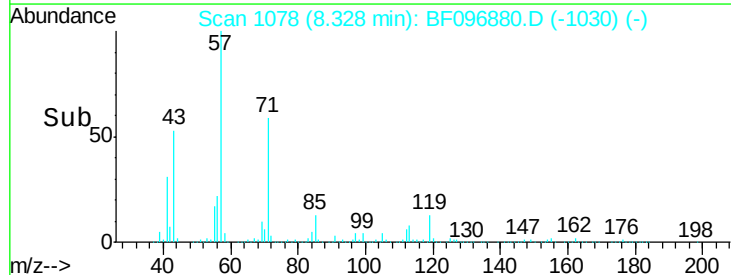
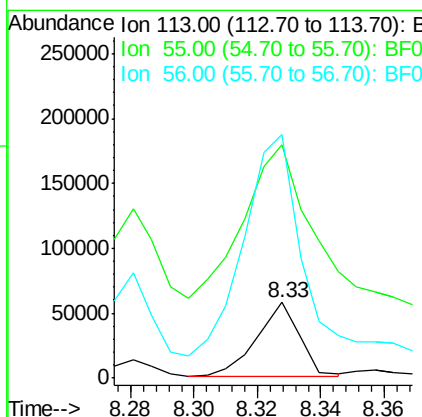
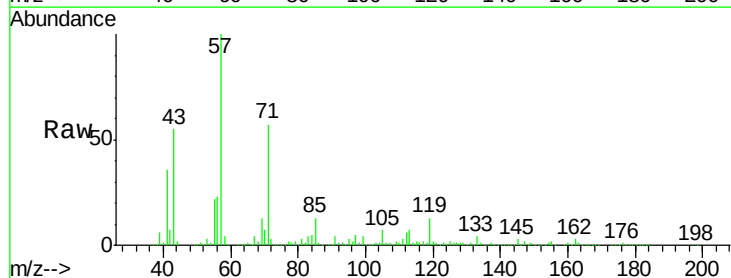
Instrument :
BNA_F
ClientSampled :

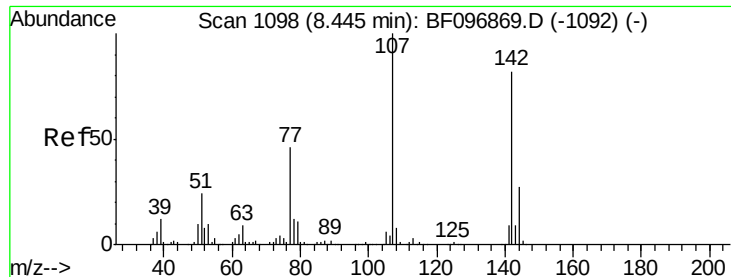
Tot Ion:122 Resp: 5675
Ion Ratio Lower Upper
122 100
105 54.1 103.3 143.3#
77 165.8 73.7 113.7#



#35
Caprolactam
Concen: 48.94 ng
RT: 8.33 min Scan# 1078
Delta R.T. -0.02 min
Lab File: BF096880.D
Acq: 19 Jul 2017 20:00

Tgt Ion:113 Resp: 54472
Ion Ratio Lower Upper
113 100
55 307.8 150.2 190.2#
56 321.8 107.8 147.8#

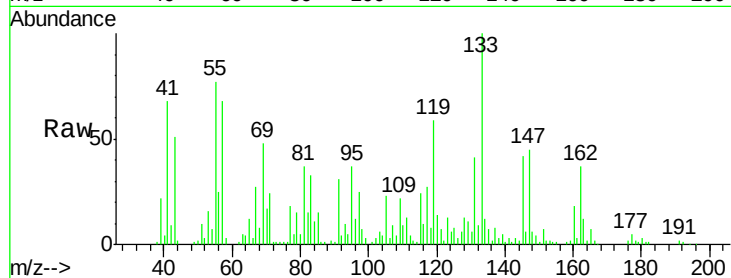




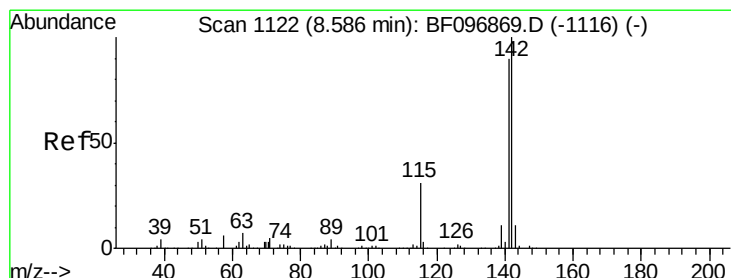
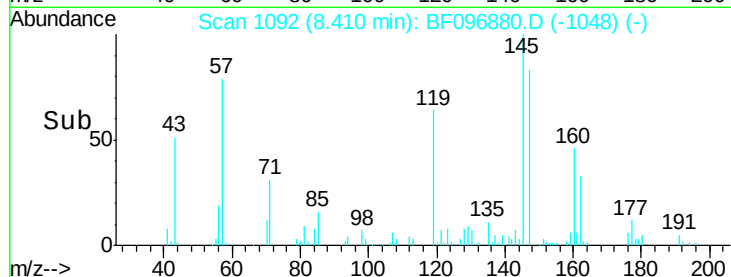
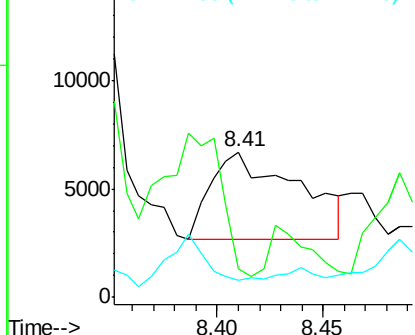
#36
 4-Chloro-3-methylphenol
 Concen: 3.07 ng
 RT: 8.41 min Scan# 1092
 Delta R.T. -0.04 min
 Lab File: BF096880.D
 Acq: 19 Jul 2017 20:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:107 Resp: 11473
 Ion Ratio Lower Upper
 107 100
 144 19.4 24.2 36.4#
 142 11.5 73.4 110.0#

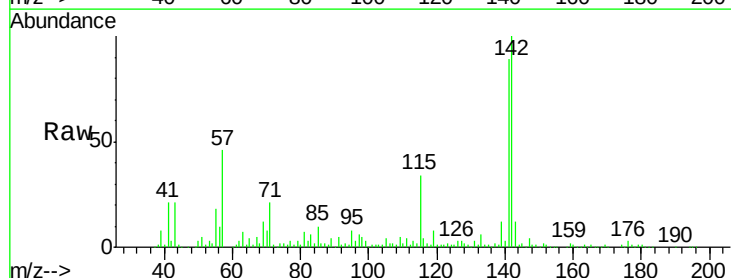


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

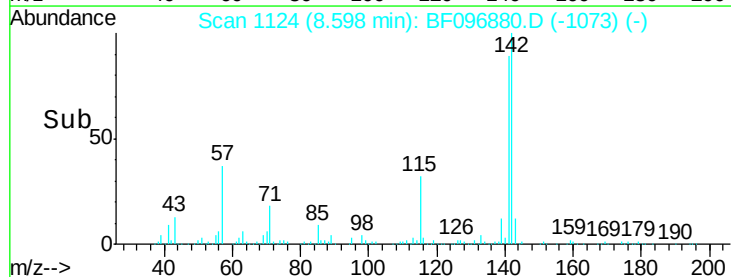
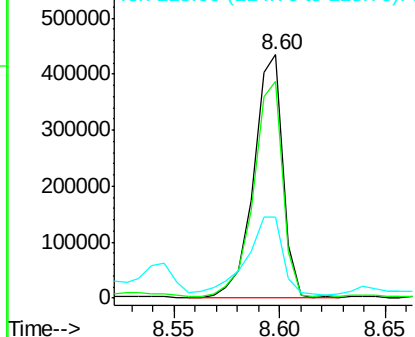


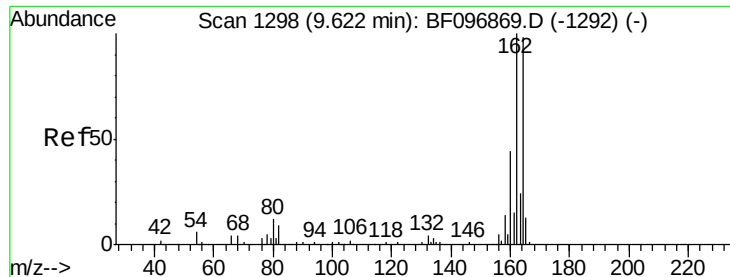
#37
 2-Methylnaphthalene
 Concen: 54.99 ng
 RT: 8.60 min Scan# 1124
 Delta R.T. 0.00 min
 Lab File: BF096880.D
 Acq: 19 Jul 2017 20:00

Tgt Ion:142 Resp: 417283
 Ion Ratio Lower Upper
 142 100
 141 89.0 71.3 106.9
 115 33.5 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: 9.63 min Scan# 1300

Delta R.T. 0.00 min

Lab File: BF096880.D

Acq: 19 Jul 2017 20:00

Instrument :

BNA_F

ClientSampleId :

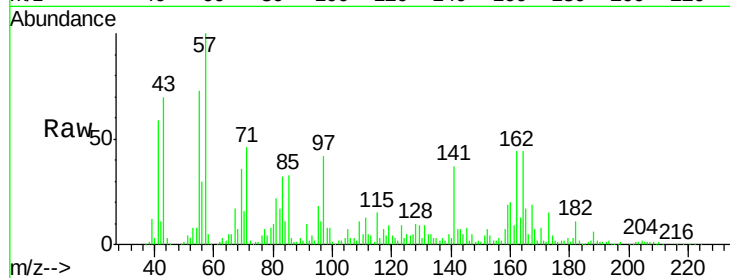
Tot Ion:164 Resp: 108082

Ion Ratio Lower Upper

164 100

162 100.4 82.6 123.8

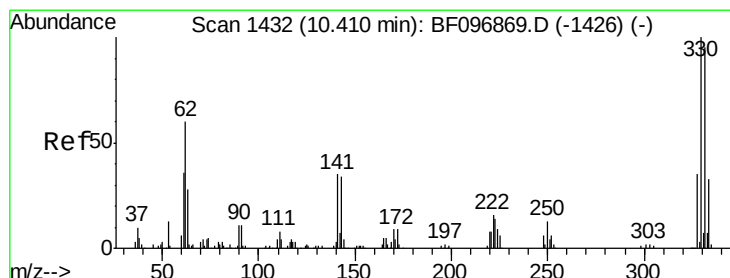
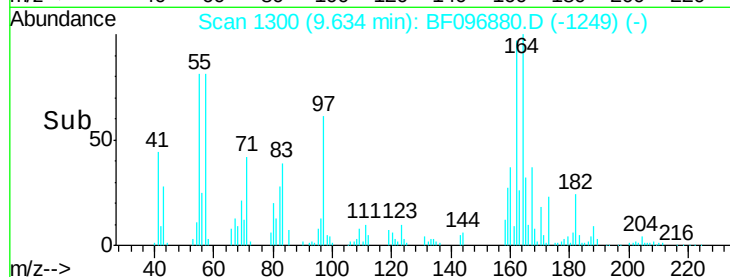
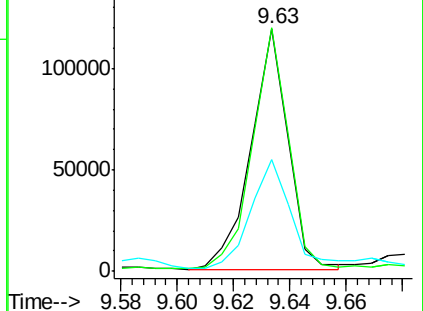
160 46.0 36.2 54.2



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: 3.97 ng

RT: 10.42 min Scan# 1434

Delta R.T. 0.00 min

Lab File: BF096880.D

Acq: 19 Jul 2017 20:00

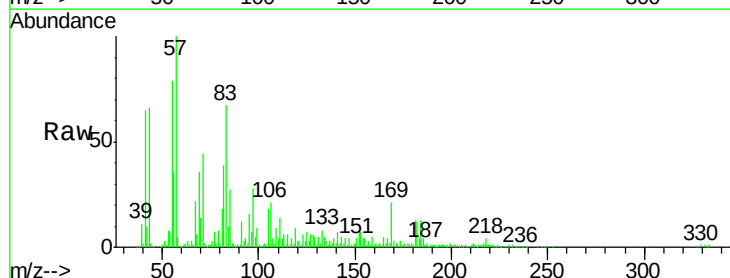
Tgt Ion:330 Resp: 3665

Ion Ratio Lower Upper

330 100

332 107.8 76.6 115.0

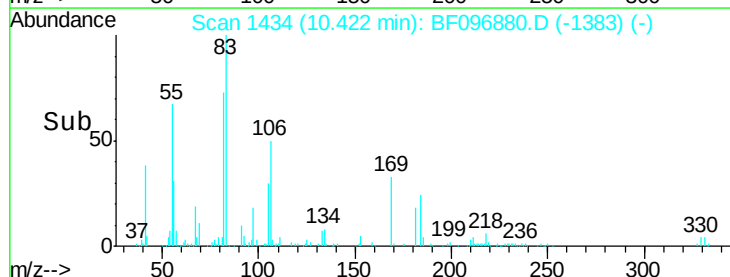
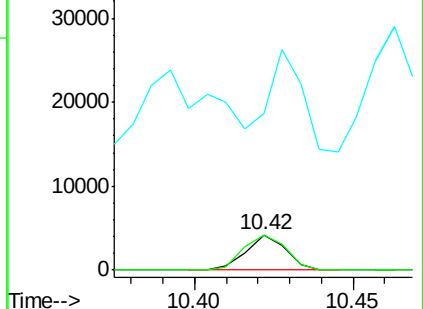
141 240.9 31.4 47.2#

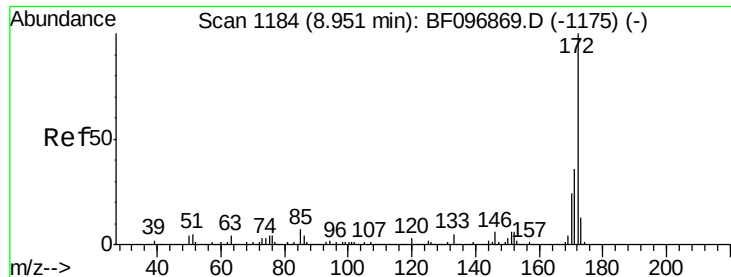


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

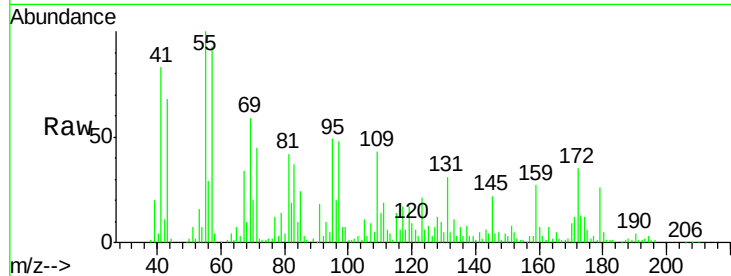




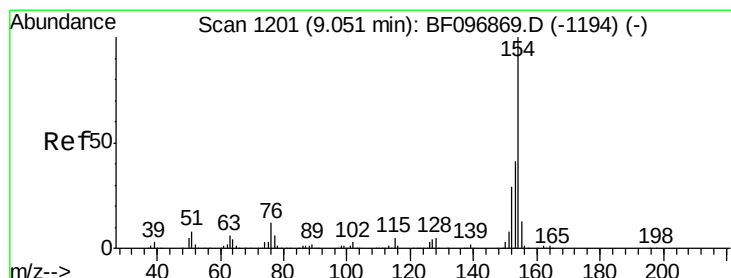
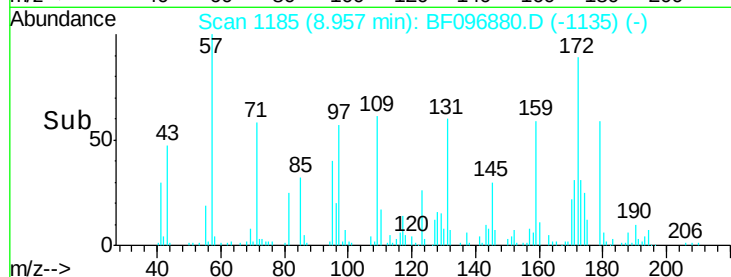
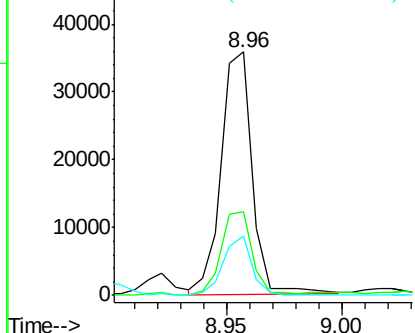
#44
2-Fluorobiphenyl
Concen: 4.89 ng
RT: 8.96 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF096880.D
Acq: 19 Jul 2017 20:00

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 33433
Ion Ratio Lower Upper
172 100
171 34.3 29.6 44.4
170 24.4 19.8 29.8

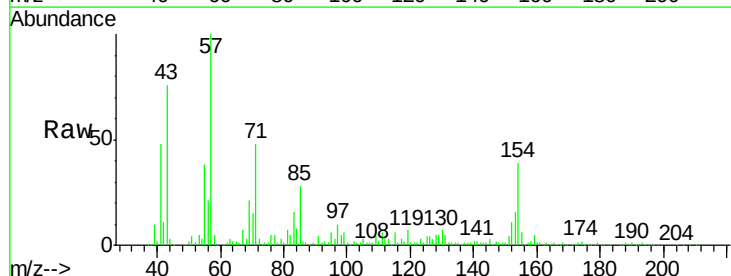


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

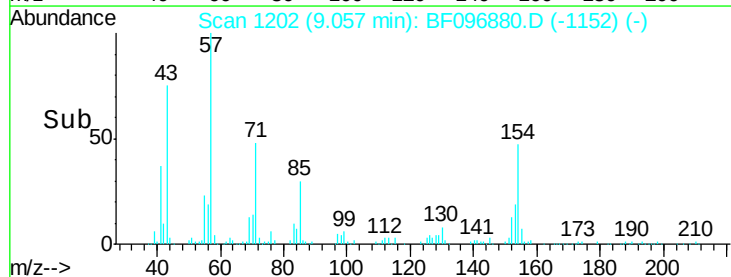
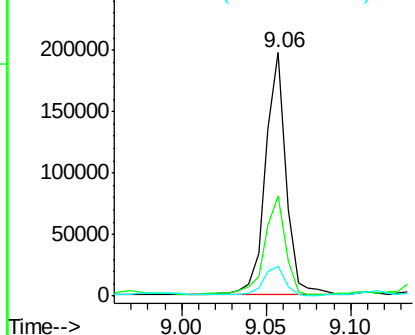


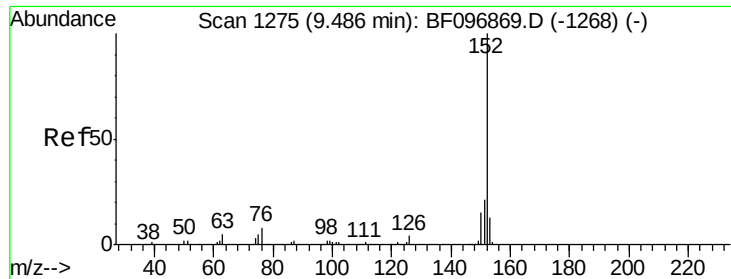
#45
1,1'-Biphenyl
Concen: 17.83 ng
RT: 9.06 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF096880.D
Acq: 19 Jul 2017 20:00

Tgt Ion:154 Resp: 165236
Ion Ratio Lower Upper
154 100
153 41.3 21.2 61.2
76 12.4 0.0 29.9



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0





#48

Acenaphthylene

Concen: 3.49 ng

RT: 9.50 min Scan# 1277

Delta R.T. 0.01 min

Lab File: BF096880.D

Acq: 19 Jul 2017 20:00

Instrument :

BNA_F

ClientSampleId :

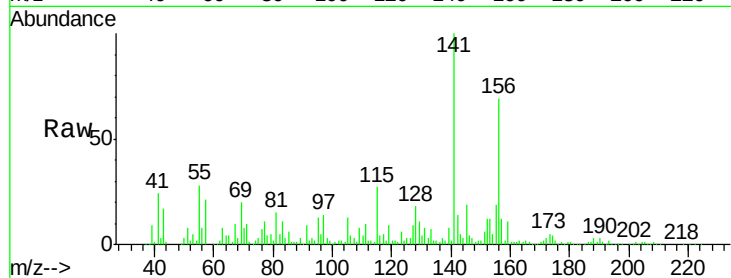
Tot Ion:152 Resp: 38007

Ion Ratio Lower Upper

152 100

151 47.2 16.8 25.2#

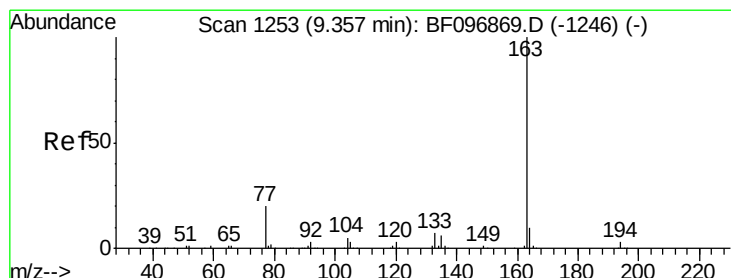
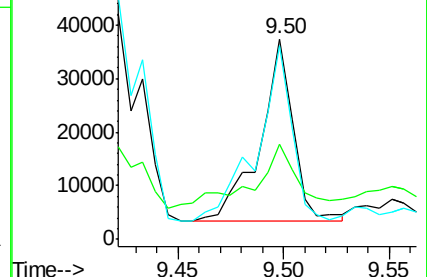
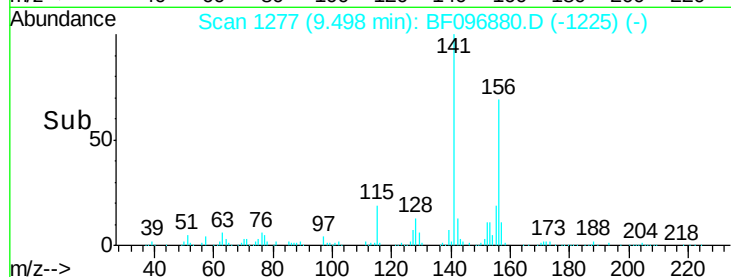
153 96.9 10.8 16.2#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 2.25 ng

RT: 9.35 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BF096880.D

Acq: 19 Jul 2017 20:00

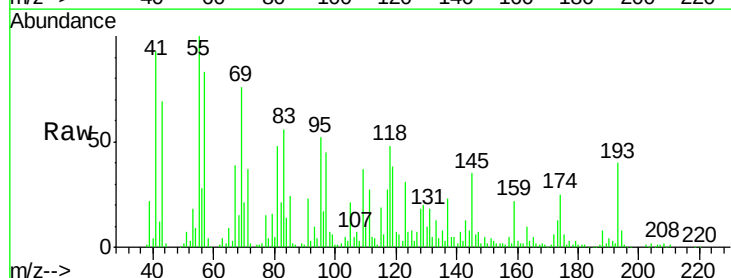
Tgt Ion:163 Resp: 18275

Ion Ratio Lower Upper

163 100

194 78.7 2.6 4.0#

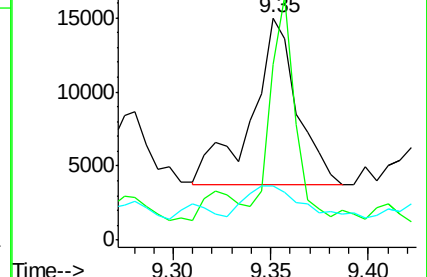
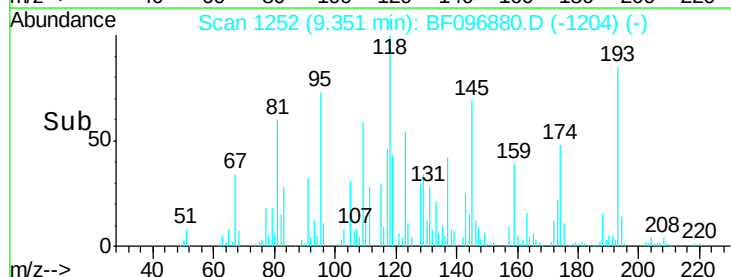
164 24.3 8.4 12.6#

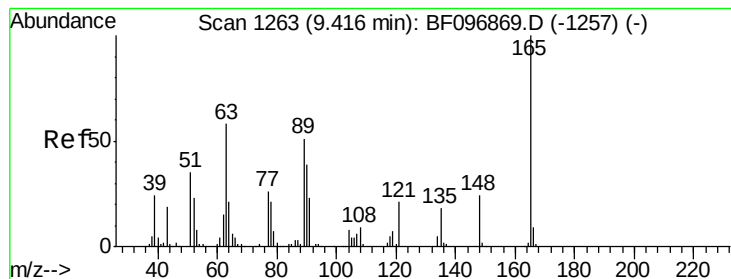


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#50

2,6-Dinitrotoluene

Concen: 2.25 ng

RT: 9.42 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BF096880.D

Acq: 19 Jul 2017 20:00

Instrument :

BNA_F

ClientSampleId :

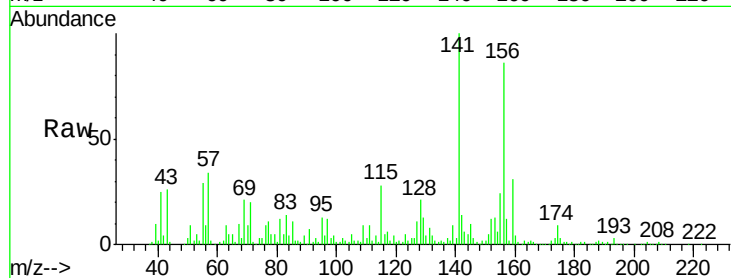
Tot Ion:165 Resp: 3966

Ion Ratio Lower Upper

165 100

63 455.1 34.3 51.5#

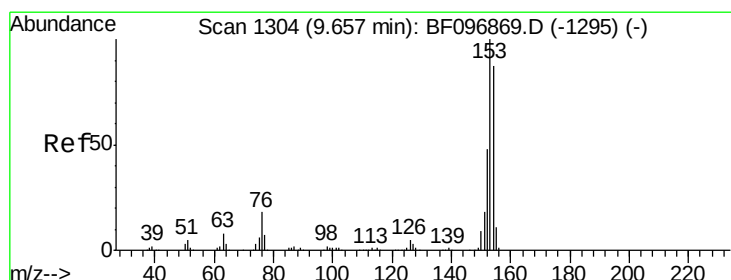
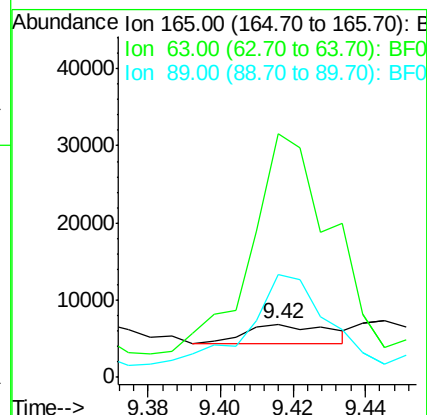
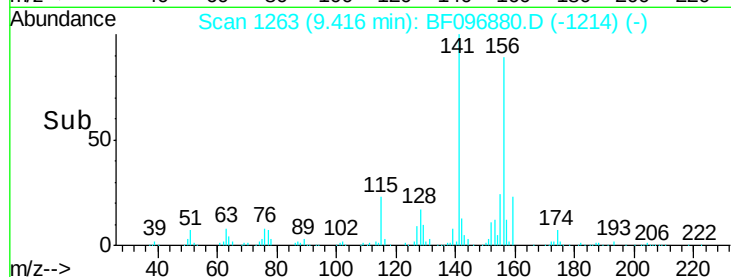
89 193.3 37.1 55.7#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#51

Acenaphthene

Concen: 11.65 ng

RT: 9.66 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF096880.D

Acq: 19 Jul 2017 20:00

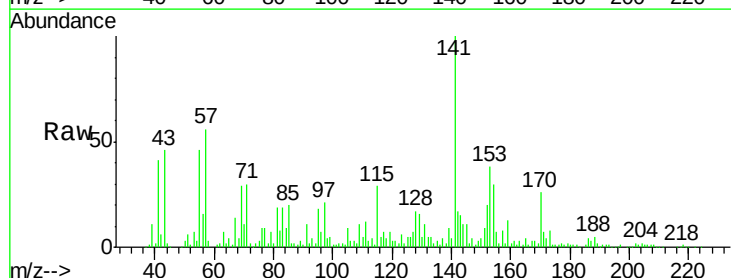
Tgt Ion:154 Resp: 74857

Ion Ratio Lower Upper

154 100

153 124.9 90.5 135.7

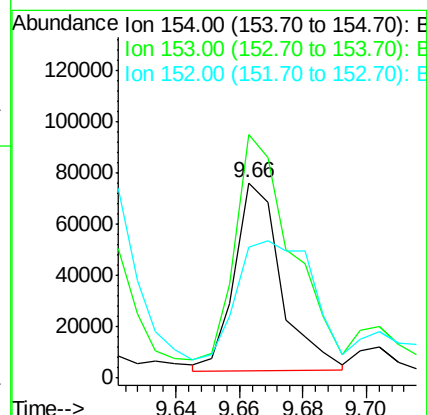
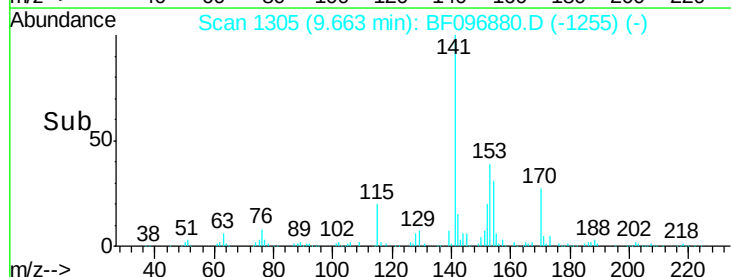
152 67.0 43.6 65.4#

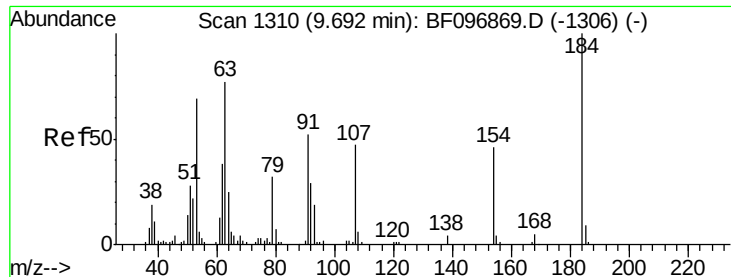


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

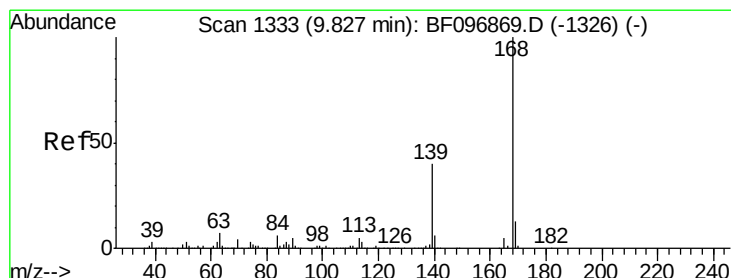
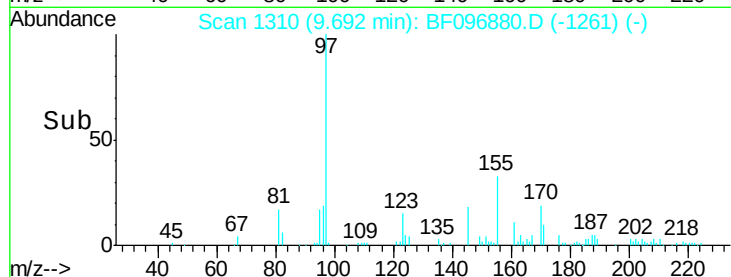
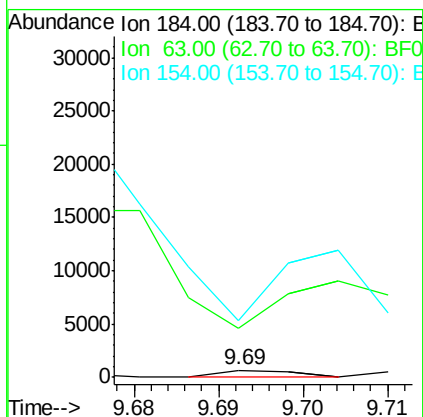
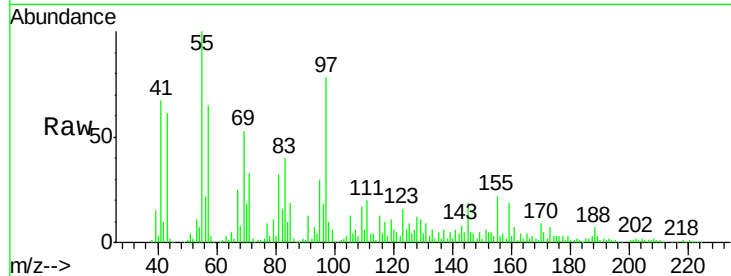




#53
2,4-Dinitrophenol
Concen: 7.20 ng
RT: 9.69 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF096880.D
Acq: 19 Jul 2017 20:00

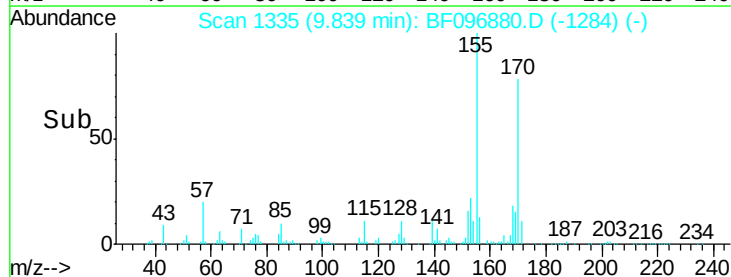
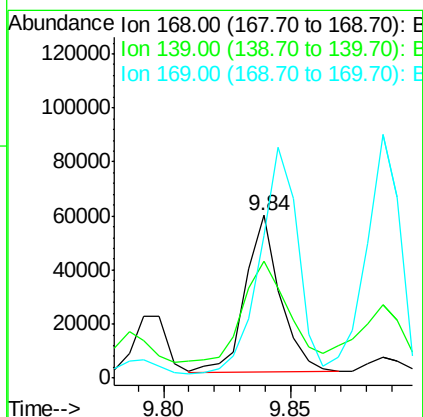
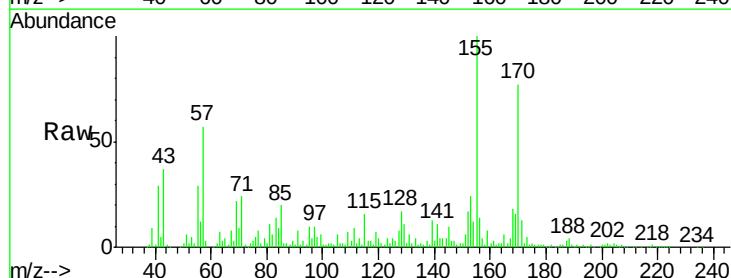
Instrument :
BNA_F
ClientSampled :

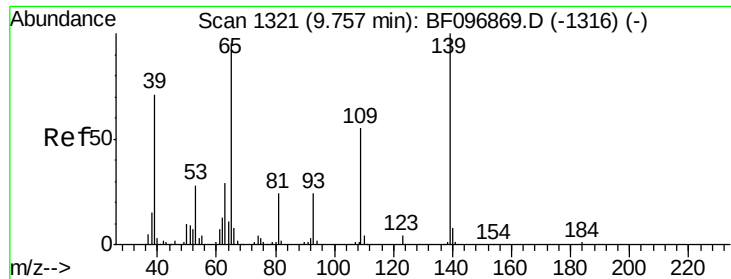
Tot Ion:184 Resp: 437
Ion Ratio Lower Upper
184 100
63 688.5 62.7 94.1#
154 788.0 81.1 121.7#



#54
Dibenzofuran
Concen: 6.17 ng
RT: 9.84 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BF096880.D
Acq: 19 Jul 2017 20:00

Tgt Ion:168 Resp: 55516
Ion Ratio Lower Upper
168 100
139 71.9 30.6 45.8#
169 87.1 10.8 16.2#

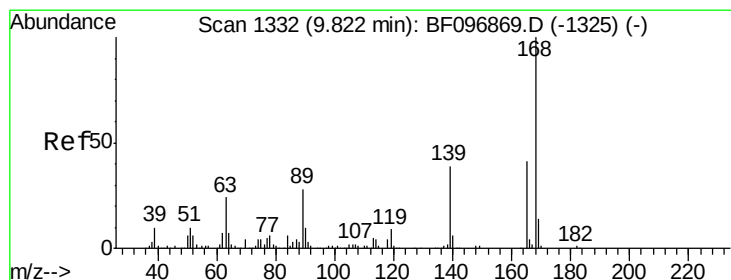
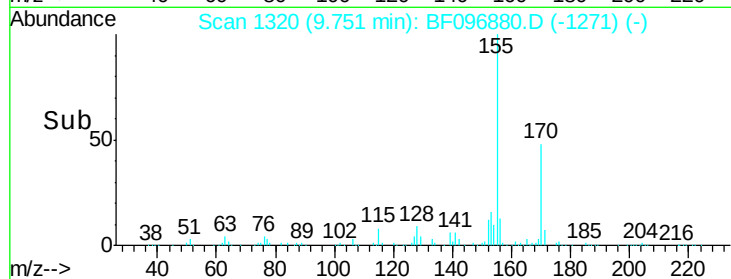
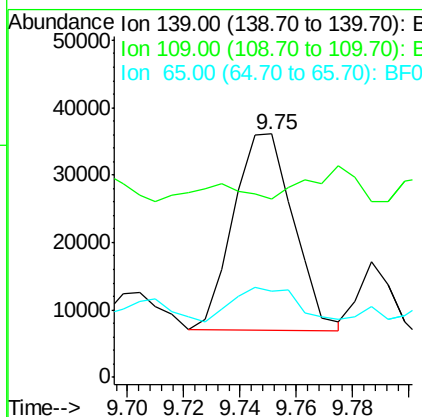
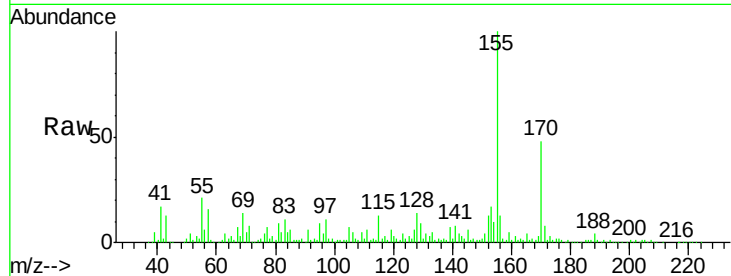




#55
4-Nitrophenol
Concen: 28.01 ng
RT: 9.75 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF096880.D
Acq: 19 Jul 2017 20:00

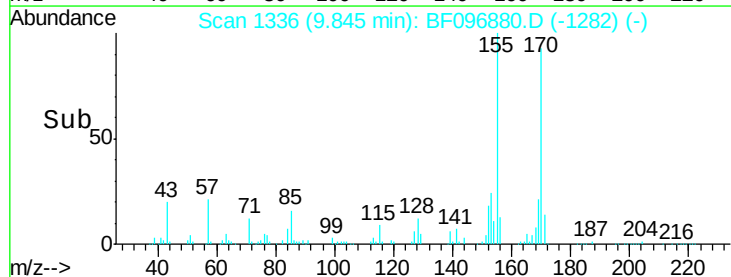
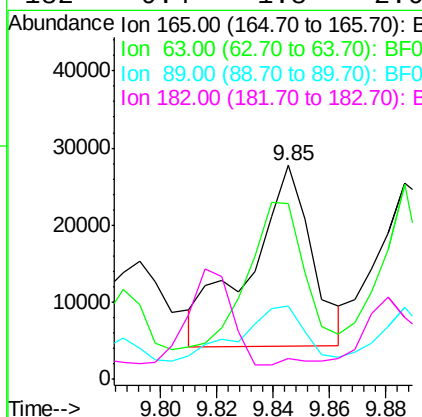
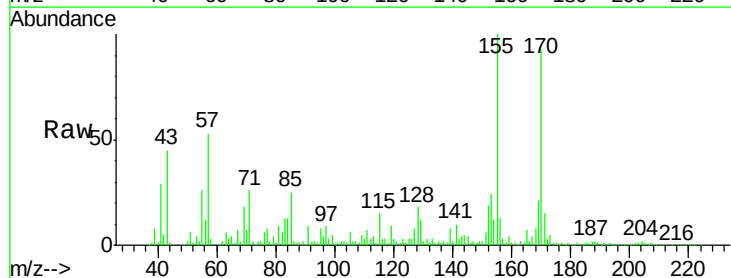
Instrument :
BNA_F
ClientSampled :

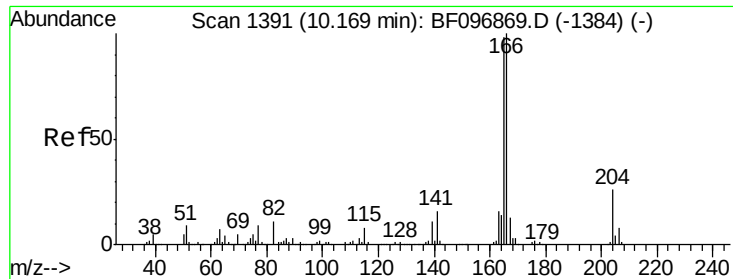
Tot Ion:139 Resp: 42737
Ion Ratio Lower Upper
139 100
109 73.2 34.1 74.1
65 35.6 31.4 71.4



#56
2,4-Dinitrotoluene
Concen: 15.83 ng
RT: 9.85 min Scan# 1336
Delta R.T. 0.02 min
Lab File: BF096880.D
Acq: 19 Jul 2017 20:00

Tgt Ion:165 Resp: 35865
Ion Ratio Lower Upper
165 100
63 82.1 25.4 38.0#
89 34.4 46.4 69.6#
182 9.4 1.8 2.6#

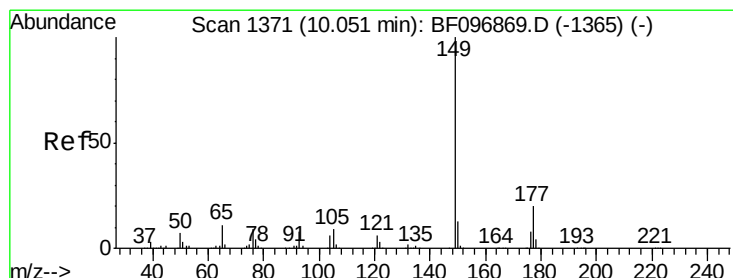
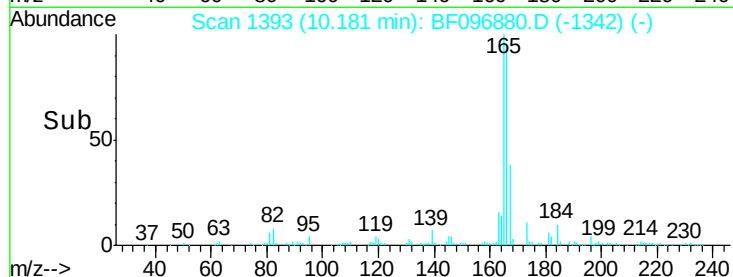
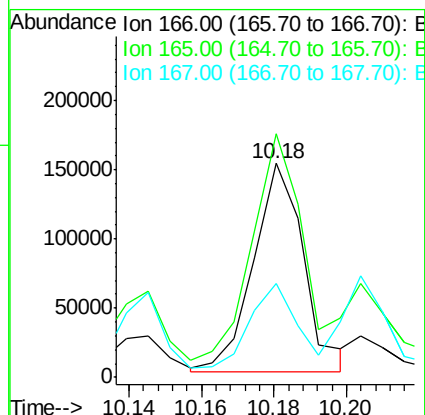
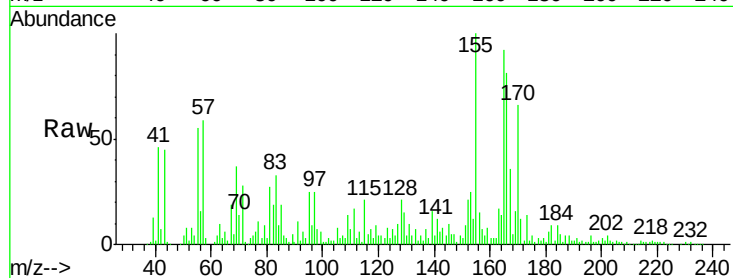




#57
 Fluorene
 Concen: 21.72 ng
 RT: 10.18 min Scan# 1393
 Delta R.T. 0.00 min
 Lab File: BF096880.D
 Acq: 19 Jul 2017 20:00

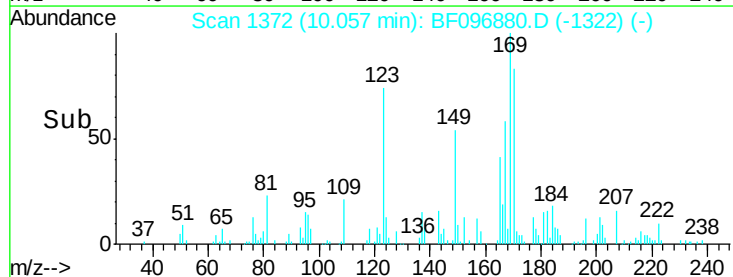
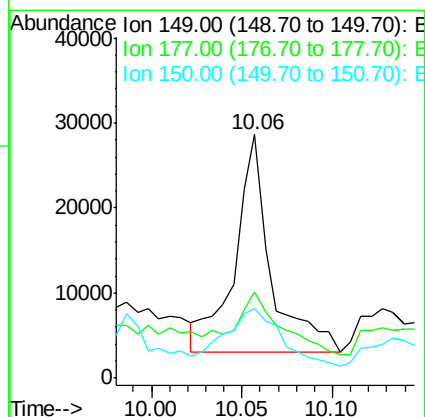
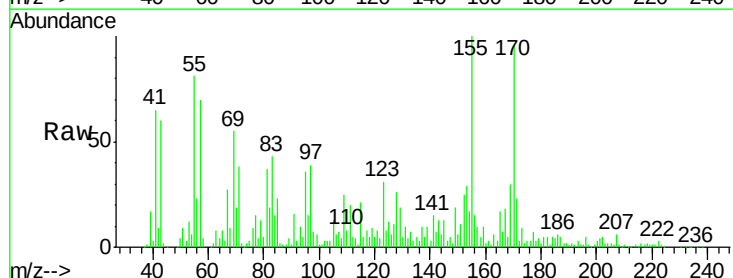
Instrument :
 BNA_F
 ClientSampled :

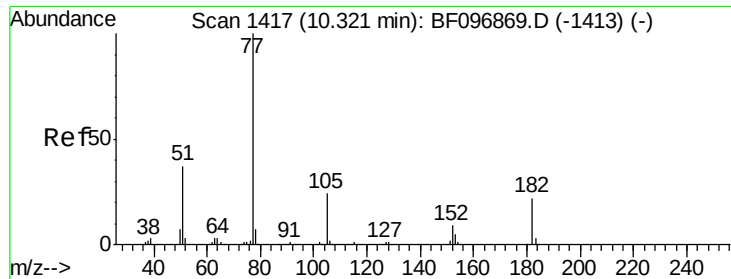
Tot Ion:166 Resp: 144521
 Ion Ratio Lower Upper
 166 100
 165 113.9 78.8 118.2
 167 44.2 10.6 16.0#



#59
 Diethylphthalate
 Concen: 4.46 ng
 RT: 10.06 min Scan# 1372
 Delta R.T. -0.01 min
 Lab File: BF096880.D
 Acq: 19 Jul 2017 20:00

Tgt Ion:149 Resp: 35337
 Ion Ratio Lower Upper
 149 100
 177 35.5 16.7 25.1#
 150 28.5 10.2 15.2#

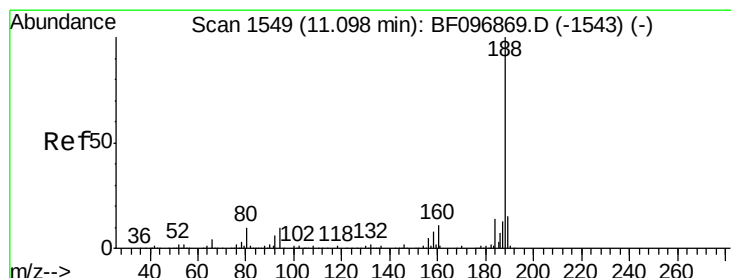
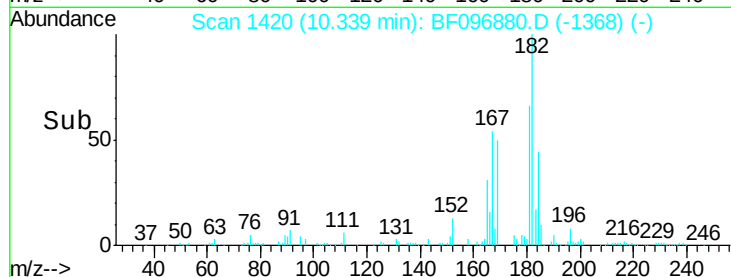
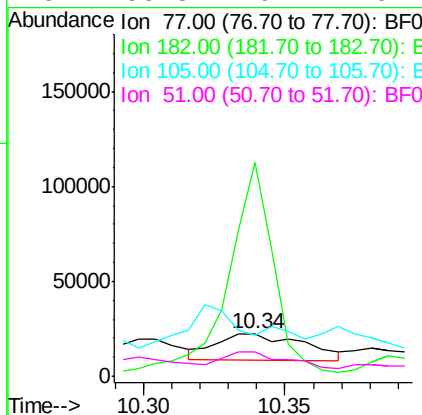
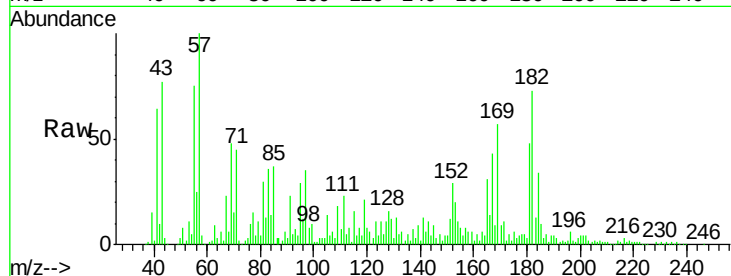




#62
Azobenzene
Concen: 4.27 ng
RT: 10.34 min Scan# 1420
Delta R.T. 0.01 min
Lab File: BF096880.D
Acq: 19 Jul 2017 20:00

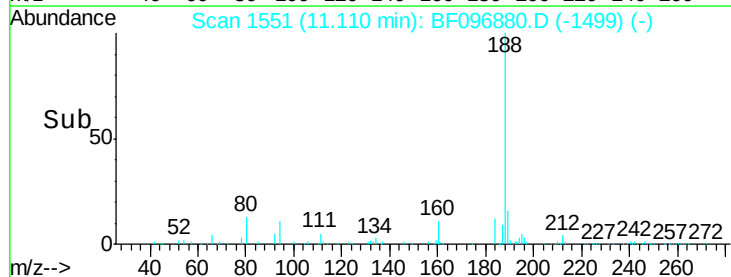
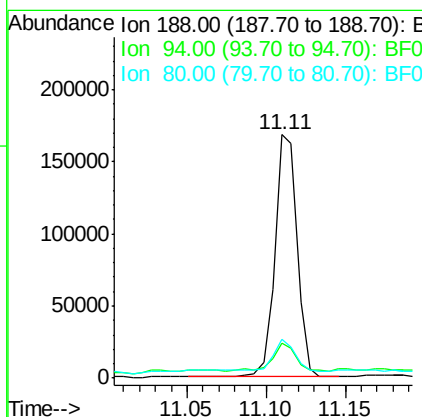
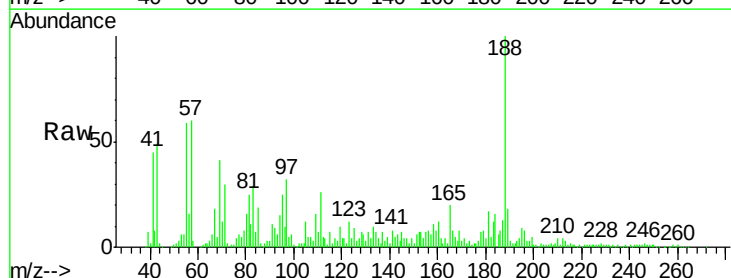
Instrument :
BNA_F
ClientSampleId :

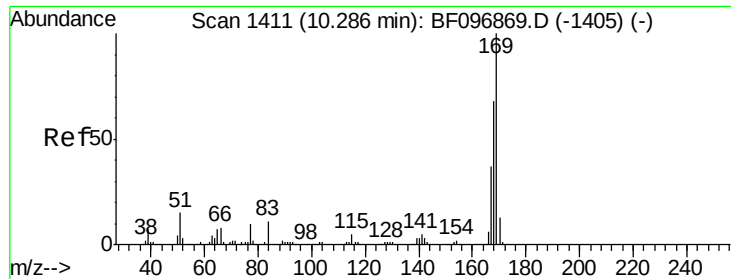
Tot Ion: 77 Resp: 29849
Ion Ratio Lower Upper
77 100
182 501.1 0.1 40.1#
105 94.9 3.6 43.6#
51 55.8 9.4 49.4#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 1551
Delta R.T. 0.01 min
Lab File: BF096880.D
Acq: 19 Jul 2017 20:00

Tgt Ion: 188 Resp: 163890
Ion Ratio Lower Upper
188 100
94 14.5 9.4 14.2#
80 15.7 10.2 15.2#

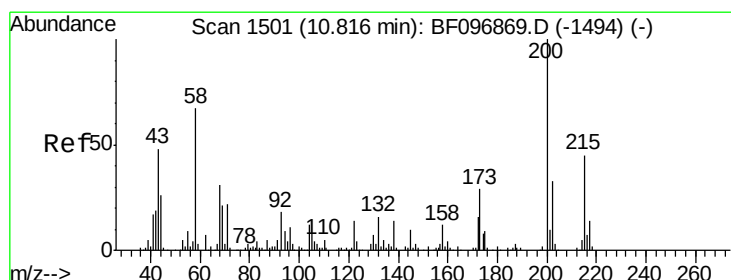
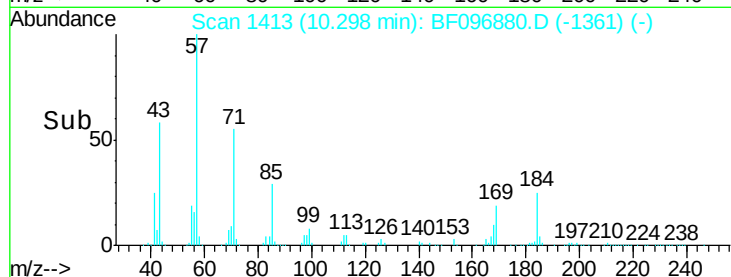
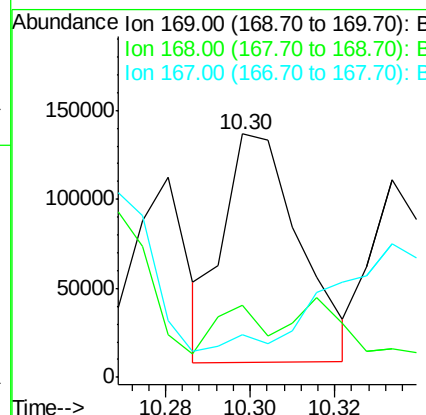
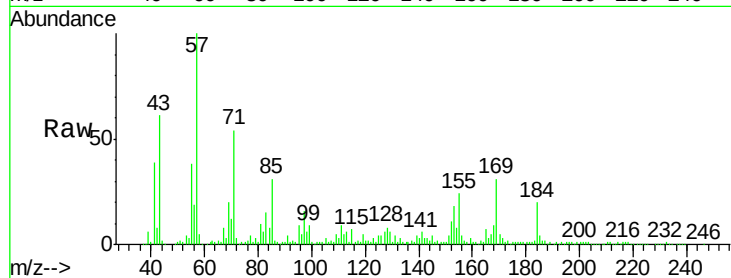




#65
n-Nitrosodiphenylamine
Concen: 27.32 ng
RT: 10.30 min Scan# 1413
Delta R.T. 0.01 min
Lab File: BF096880.D
Acq: 19 Jul 2017 20:00

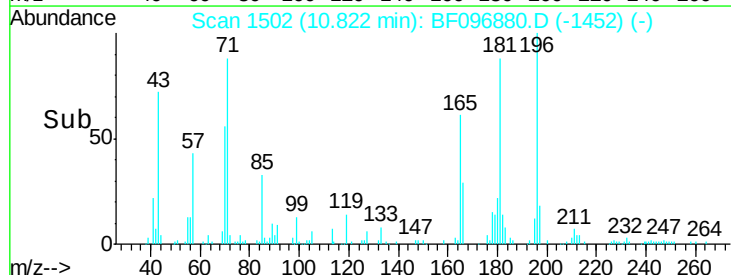
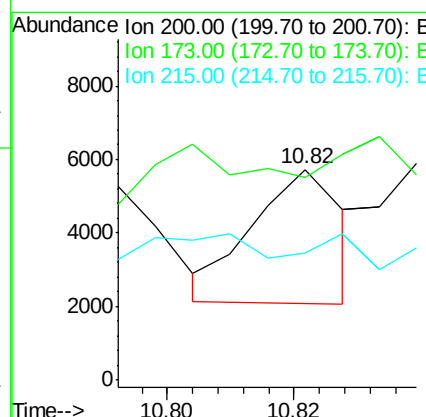
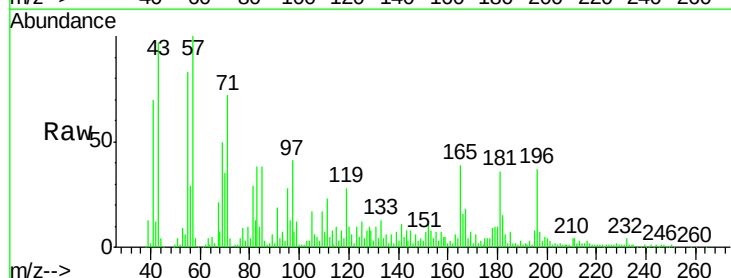
Instrument :
BNA_F
ClientSampleId :

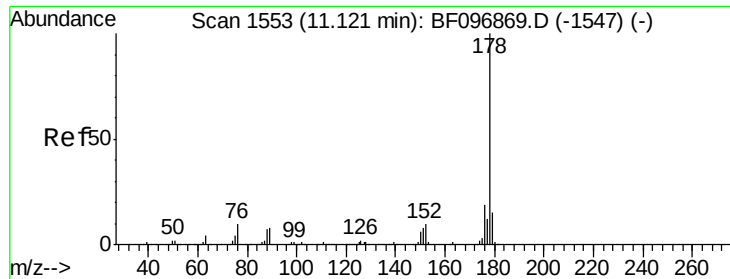
Tot Ion:169 Resp: 160068
Ion Ratio Lower Upper
169 100
168 29.4 53.2 79.8#
167 17.3 29.5 44.3#



#68
Atrazine
Concen: 2.16 ng
RT: 10.82 min Scan# 1502
Delta R.T. -0.01 min
Lab File: BF096880.D
Acq: 19 Jul 2017 20:00

Tgt Ion:200 Resp: 3601
Ion Ratio Lower Upper
200 100
173 95.8 6.3 46.3#
215 60.3 27.2 67.2

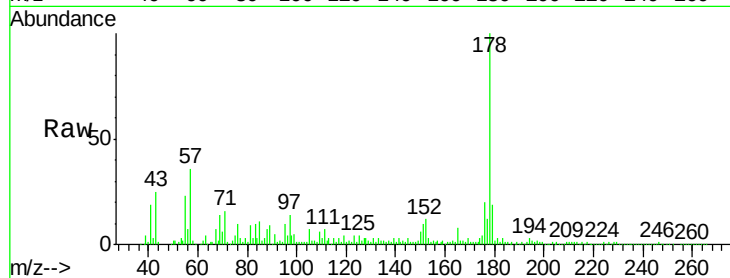




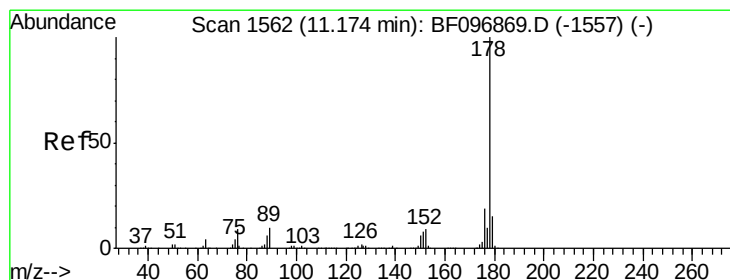
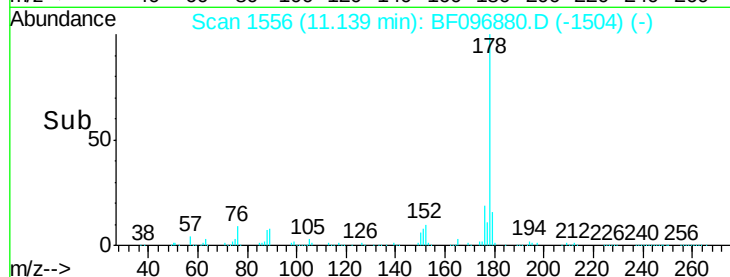
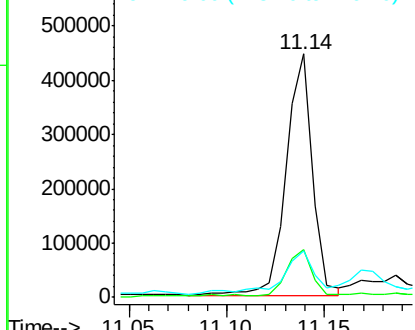
#70
Phenanthrene
Concen: 46.62 ng
RT: 11.14 min Scan# 1556
Delta R.T. 0.01 min
Lab File: BF096880.D
Acq: 19 Jul 2017 20:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 415407
Ion Ratio Lower Upper
178 100
176 19.9 16.2 24.4
179 19.0 12.6 19.0#

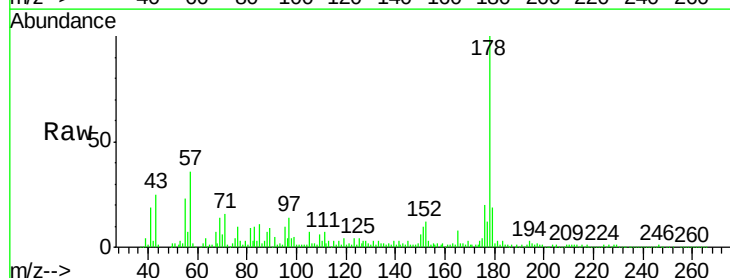


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

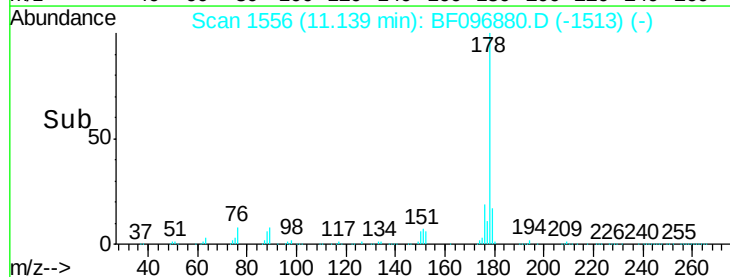
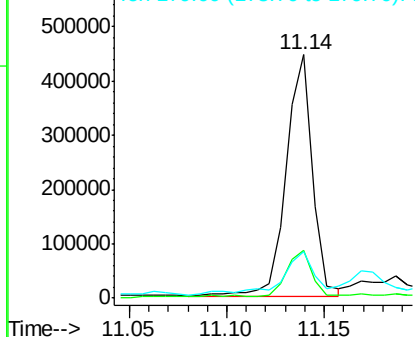


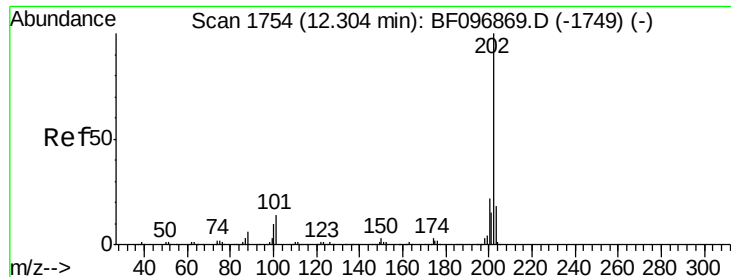
#71
Anthracene
Concen: 46.11 ng
RT: 11.14 min Scan# 1556
Delta R.T. -0.05 min
Lab File: BF096880.D
Acq: 19 Jul 2017 20:00

Tgt Ion:178 Resp: 415407
Ion Ratio Lower Upper
178 100
176 19.9 15.8 23.8
179 19.0 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: 3.41 ng

RT: 12.32 min Scan# 1756

Delta R.T. 0.00 min

Lab File: BF096880.D

Acq: 19 Jul 2017 20:00

Instrument :

BNA_F

ClientSampleId :

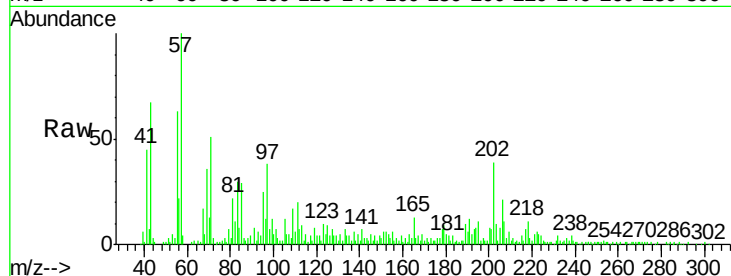
Tot Ion:202 Resp: 29071

Ion Ratio Lower Upper

202 100

101 16.6 0.0 33.2

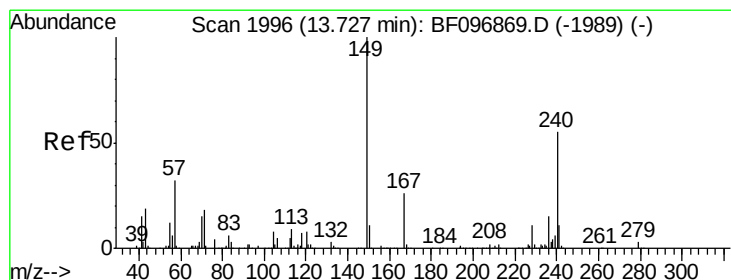
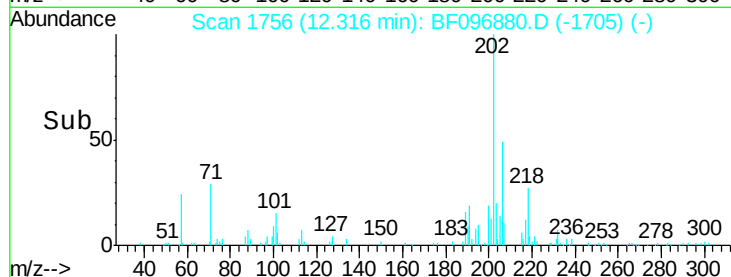
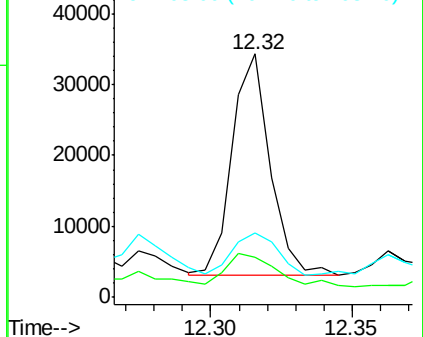
203 26.7 0.0 38.1



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: 13.72 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BF096880.D

Acq: 19 Jul 2017 20:00

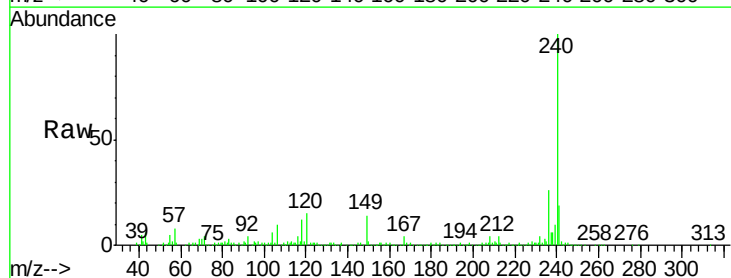
Tgt Ion:240 Resp: 155466

Ion Ratio Lower Upper

240 100

120 14.6 5.8 8.8#

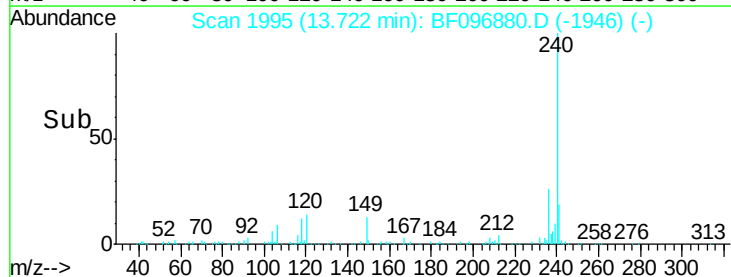
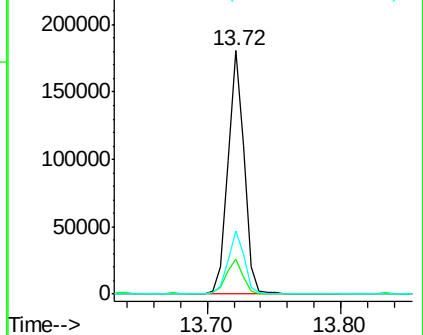
236 25.9 20.5 30.7

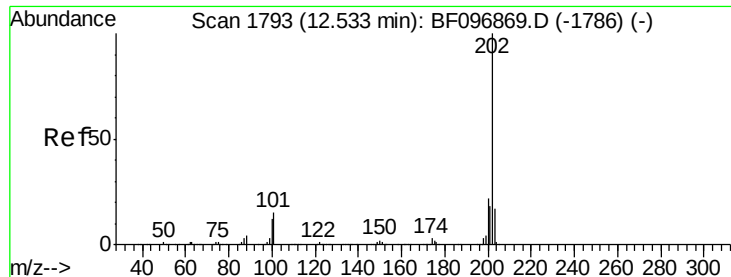


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 5.96 ng

RT: 12.54 min Scan# 1794

Delta R.T. 0.00 min

Lab File: BF096880.D

Acq: 19 Jul 2017 20:00

Instrument :

BNA_F

ClientSampleId :

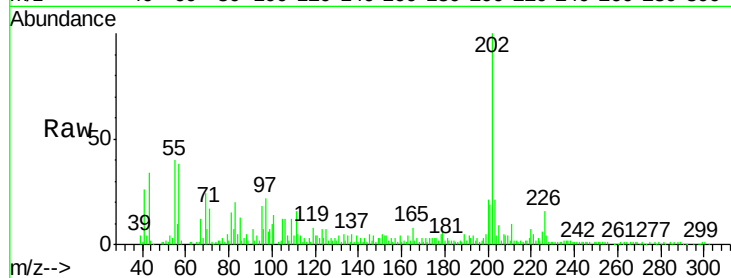
Tot Ion:202 Resp: 84126

Ion Ratio Lower Upper

202 100

200 21.0 17.6 26.4

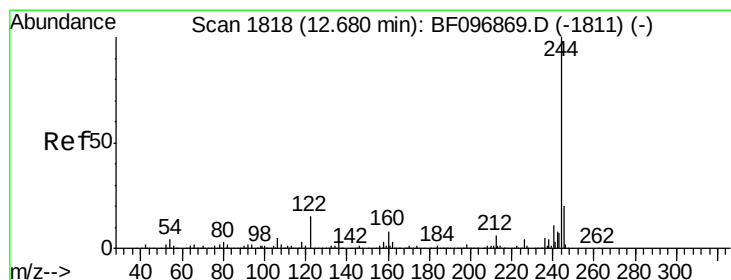
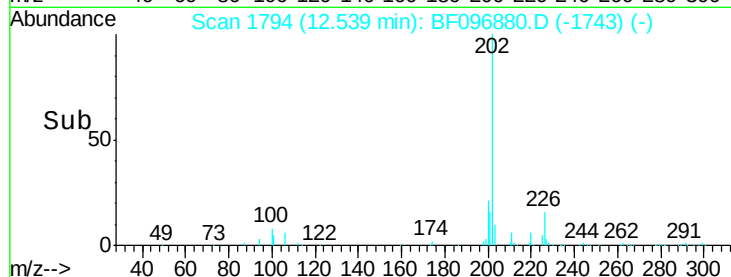
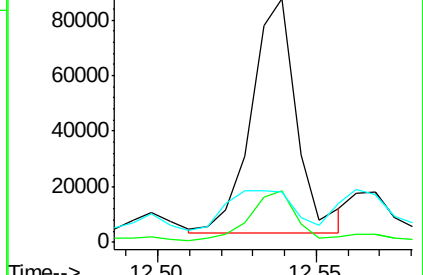
203 20.9 14.4 21.6



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: 2.85 ng

RT: 12.68 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF096880.D

Acq: 19 Jul 2017 20:00

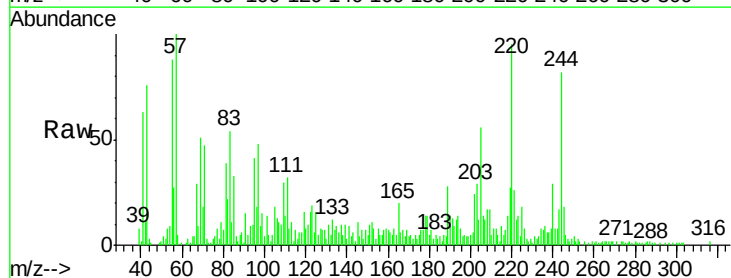
Tgt Ion:244 Resp: 25576

Ion Ratio Lower Upper

244 100

212 9.8 6.0 9.0#

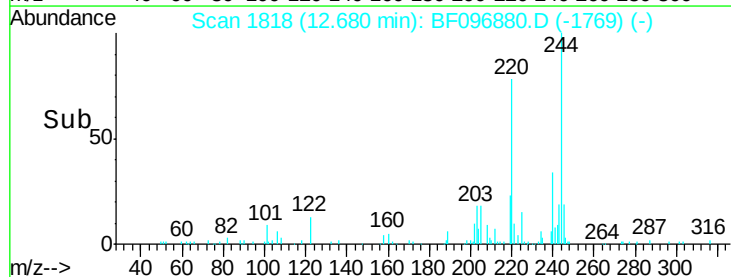
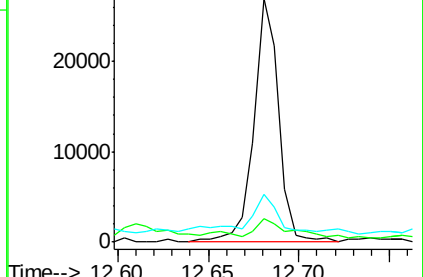
122 19.5 10.3 15.5#

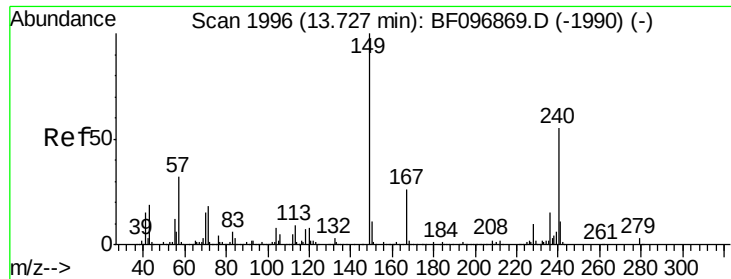


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.86 ng

RT: 13.72 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BF096880.D

Acq: 19 Jul 2017 20:00

Instrument :

BNA_F

ClientSampleId :

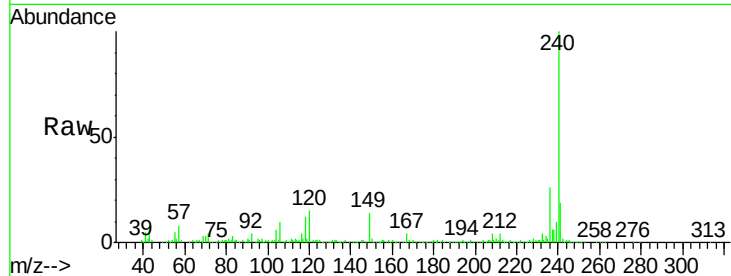
Tot Ion:149 Resp: 23373

Ion Ratio Lower Upper

149 100

167 27.1 21.0 31.4

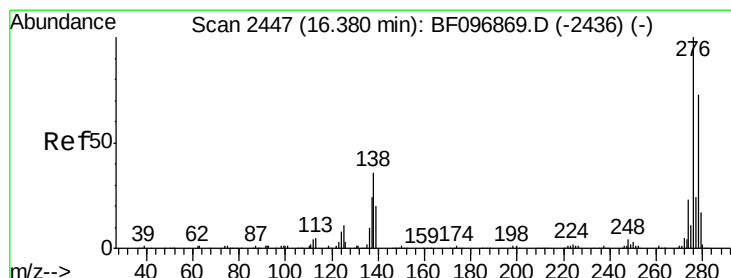
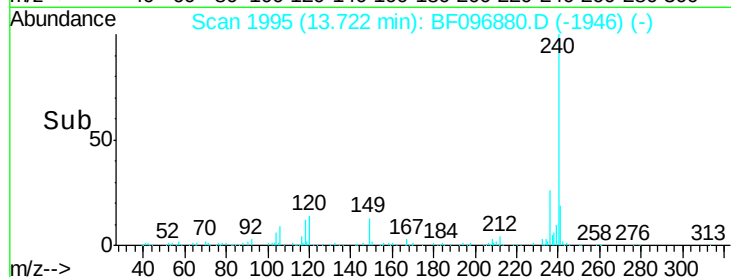
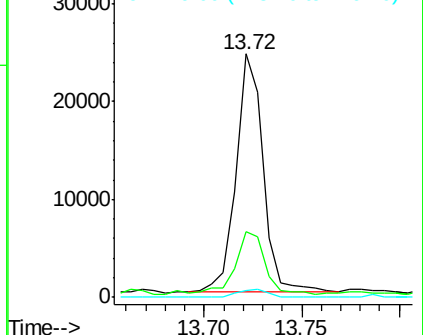
279 2.7 1.9 2.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Indeno(1,2,3-cd)pyrene

Concen: 3.67 ng

RT: 16.36 min Scan# 2444

Delta R.T. -0.03 min

Lab File: BF096880.D

Acq: 19 Jul 2017 20:00

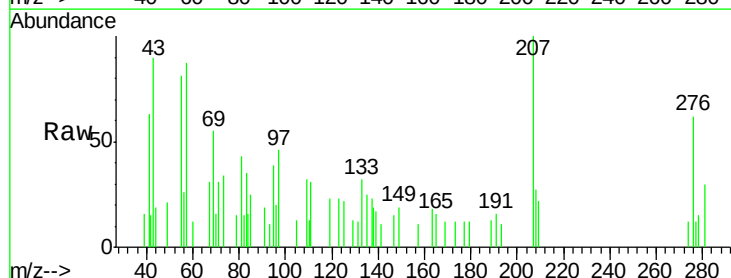
Tgt Ion:276 Resp: 3162

Ion Ratio Lower Upper

276 100

138 39.3 27.8 41.6

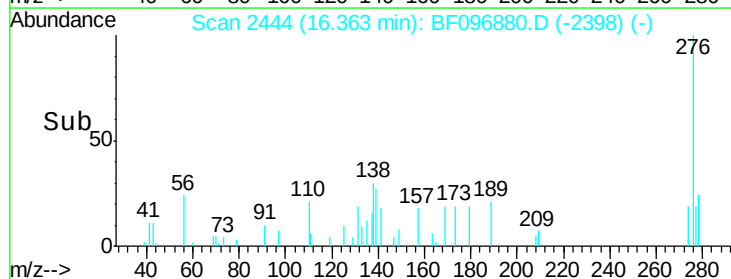
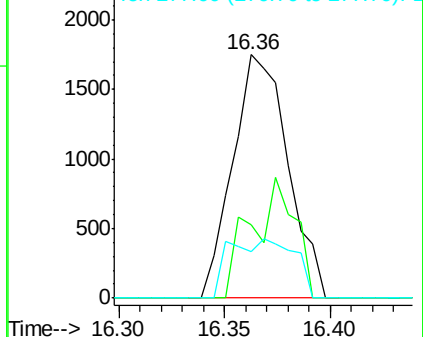
277 0.0 20.2 30.4

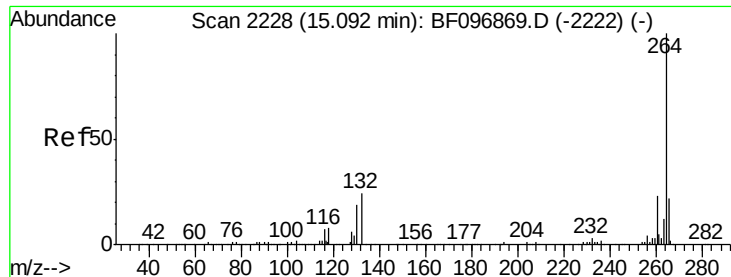


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

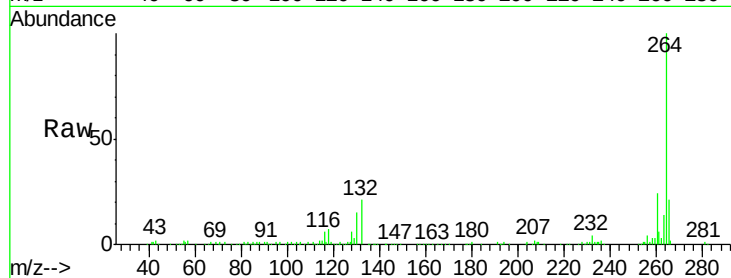




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.09 min Scan# 2228
 Delta R.T. -0.01 min
 Lab File: BF096880.D
 Acq: 19 Jul 2017 20:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	21.1	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

