

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091817\
 Data File : BF098631.D
 Acq On : 19 Sep 2017 5:30
 Operator : SJ/JU
 Sample : I5265-04
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 19 07:35:53 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 18 13:37:24 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	125286	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	442030	20.00	ng	0.00
38) Acenaphthene-d10	9.68	164	181355	20.00	ng	0.01
63) Phenanthrene-d10	11.16	188	311780	20.00	ng	0.01
75) Chrysene-d12	13.79	240	257377	20.00	ng	0.00
86) Perylene-d12	15.18	264	263373	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	867813	102.41	ng	0.01
7) Phenol-d6	6.29	99	1101937	102.42	ng	0.00
23) Nitrobenzene-d5	7.21	82	651424	82.16	ng	0.00
41) 2,4,6-Tribromophenol	10.47	330	119881	99.04	ng	0.01
44) 2-Fluorobiphenyl	9.00	172	894749	83.62	ng	0.00
78) Terphenyl-d14	12.73	244	656828	55.08	ng	0.00

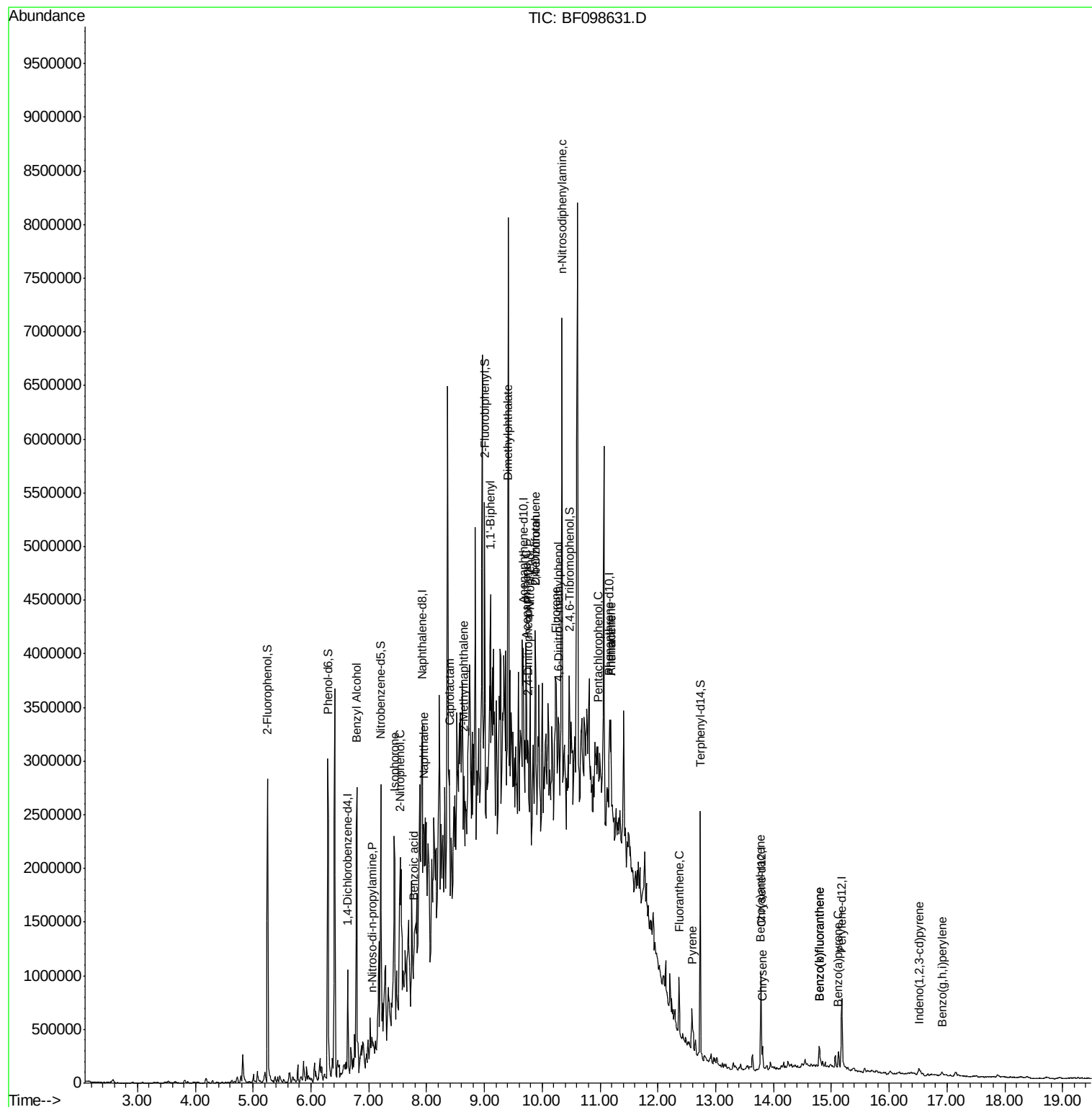
Target Compounds				Qvalue		
15) Benzyl Alcohol	6.79	79	14831	2.071	ng	# 34
19) n-Nitroso-di-n-propylamine	7.06	70	15701	2.320	ng	# 67
25) Isophorone	7.44	82	62937	3.923	ng	# 1
26) 2-Nitrophenol	7.55	139	15513	4.254	ng	# 1
31) Naphthalene	7.95	128	171757	7.860	ng	# 95
32) Benzoic acid	7.77	122	724	8.099	ng	# 1
35) Caprolactam	8.39	113	21561	10.815	ng	# 1
37) 2-Methylnaphthalene	8.64	142	280366	21.181	ng	96
45) 1,1'-Biphenyl	9.10	154	47049	2.898	ng	97
49) Dimethylphthalate	9.40	163	121887	8.682	ng	# 95
51) Acenaphthene	9.71	154	46635	4.256	ng	92
53) 2,4-Dinitrophenol	9.76	184	728	9.002	ng	# 1
54) Dibenzofuran	9.89	168	33551	2.324	ng	# 1
55) 4-Nitrophenol	9.79	139	24029	12.015	ng	# 23
56) 2,4-Dinitrotoluene	9.89	165	9147	2.609	ng	# 47
57) Fluorene	10.23	166	63129	5.284	ng	# 93
64) 4,6-Dinitro-2-methylphenol	10.29	198	1212	5.533	ng	# 1
65) n-Nitrosodiphenylamine	10.34	169	132315	13.070	ng	# 45
69) Pentachlorophenol	10.97	266	994	7.622	ng	# 53
70) Phenanthrene	11.19	178	281576	17.036	ng	98
71) Anthracene	11.19	178	281120	16.566	ng	98
74) Fluoranthene	12.37	202	190031	11.485	ng	97
77) Pyrene	12.59	202	165188	8.136	ng	99
80) Benzo(a)anthracene	13.77	228	92118	6.105	ng	98
82) Chrysene	13.81	228	75328	4.939	ng	96
85) Indeno(1,2,3-cd)pyrene	16.52	276	29308	2.739	ng	# 89
87) Benzo(b)fluoranthene	14.79	252	128185	7.741	ng	# 96
88) Benzo(k)fluoranthene	14.79	252	128185	8.291	ng	98
89) Benzo(a)pyrene	15.13	252	64834	4.395	ng	97
91) Benzo(g,h,i)perylene	16.92	276	28360	2.627	ng	# 88

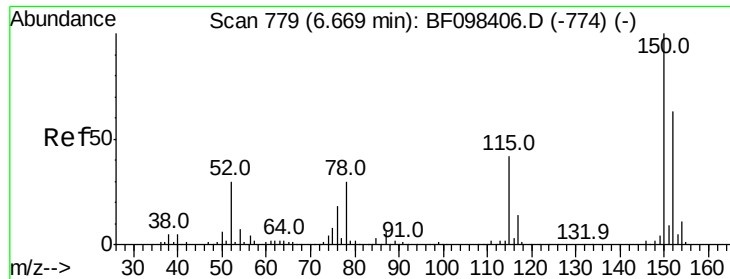
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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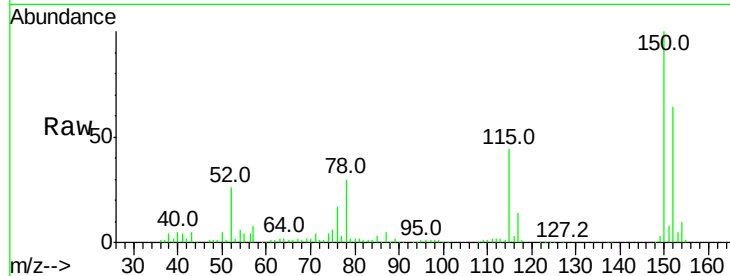


#1

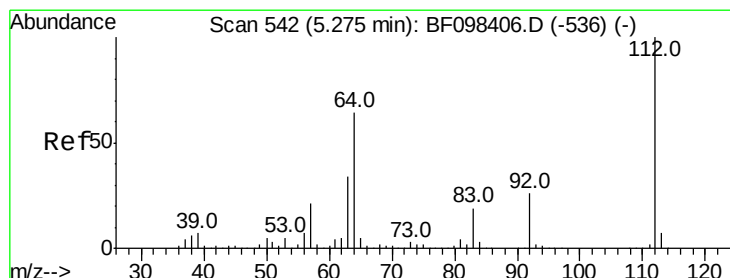
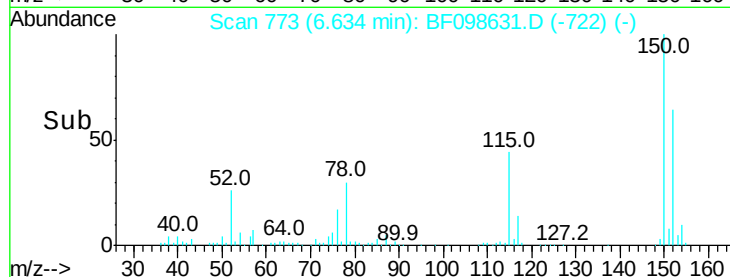
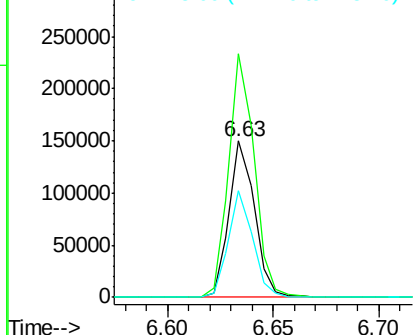
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.00 min
Lab File: BF098631.D
Acq: 19 Sep 2017 5:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	126.2	189.2
115	68.4	52.2	78.2



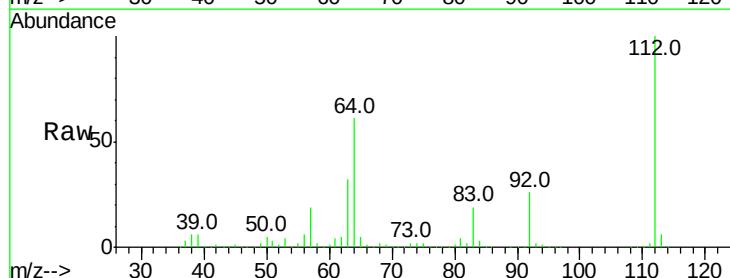
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



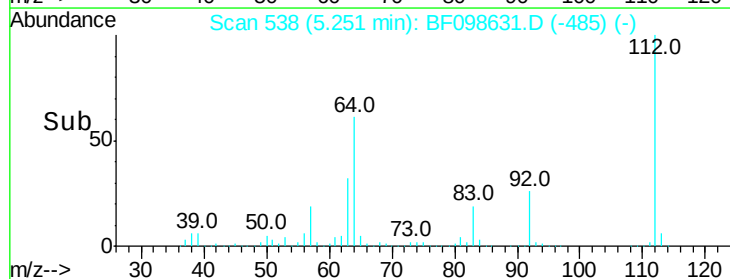
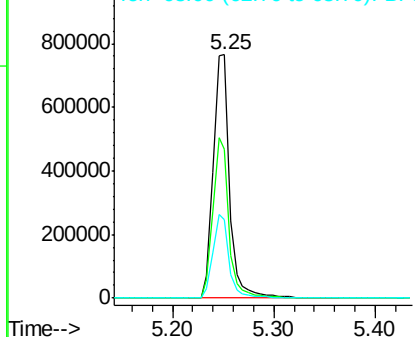
#5

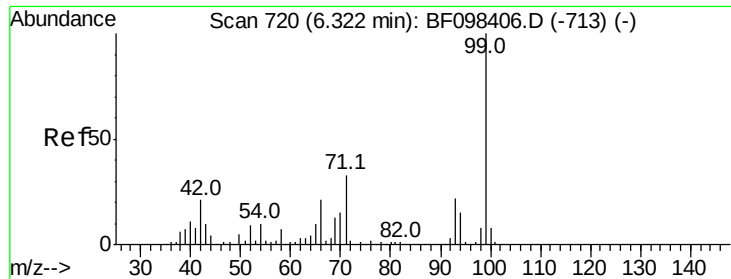
2-Fluorophenol
Concen: 102.412 ng
RT: 5.25 min Scan# 538
Delta R.T. 0.01 min
Lab File: BF098631.D
Acq: 19 Sep 2017 5:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.2	46.0	69.0
63	32.2	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: 102.422 ng

RT: 6.29 min Scan# 715

Delta R.T. -0.00 min

Lab File: BF098631.D

Acq: 19 Sep 2017 5:30

Instrument :

BNA_F

ClientSampled :

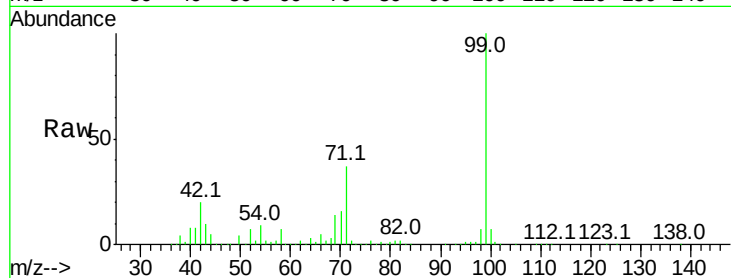
Tot Ion: 99 Resp: 1101937

Ion Ratio Lower Upper

99 100

42 19.7 13.5 20.3

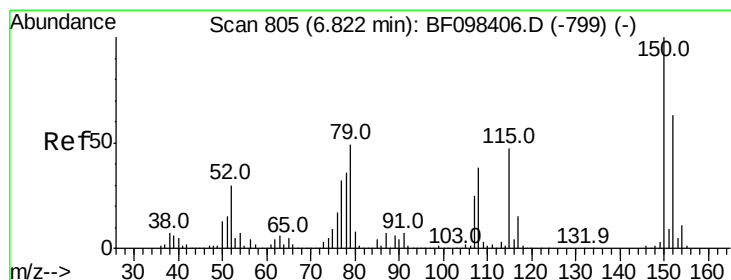
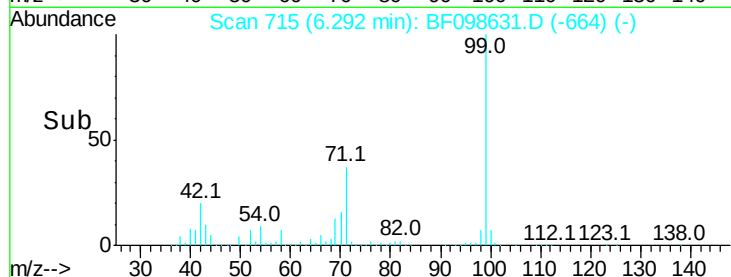
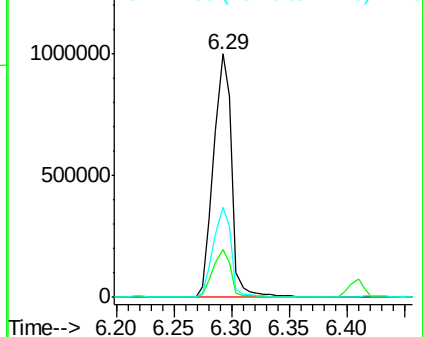
71 36.9 24.5 36.7#



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



#15

Benzyl Alcohol

Concen: 2.071 ng

RT: 6.79 min Scan# 800

Delta R.T. -0.00 min

Lab File: BF098631.D

Acq: 19 Sep 2017 5:30

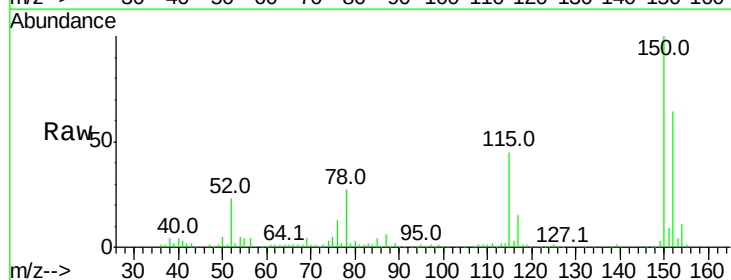
Tgt Ion: 79 Resp: 14831

Ion Ratio Lower Upper

79 100

108 30.7 63.4 95.0#

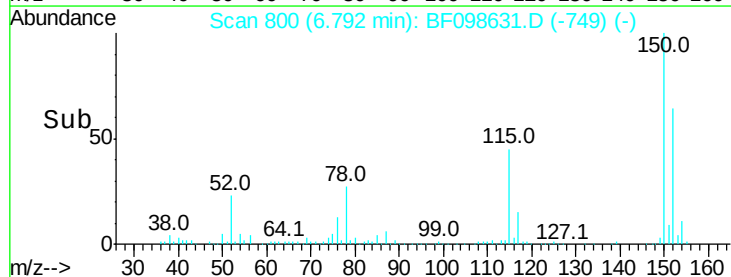
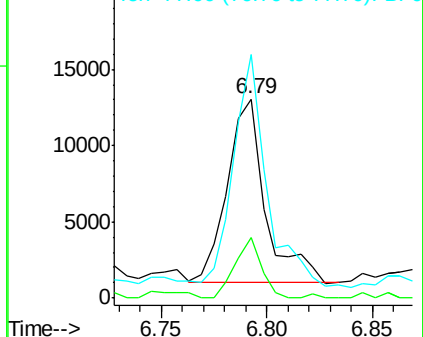
77 122.3 49.2 73.8#

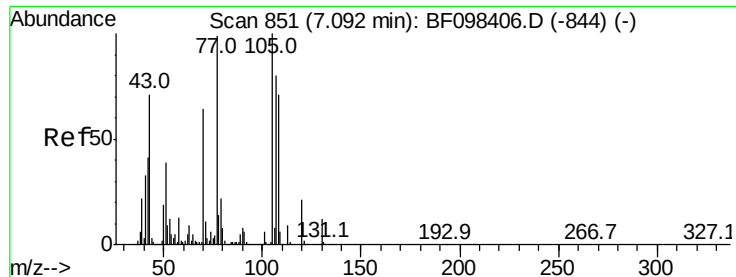


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 2.320 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.00 min

Lab File: BF098631.D

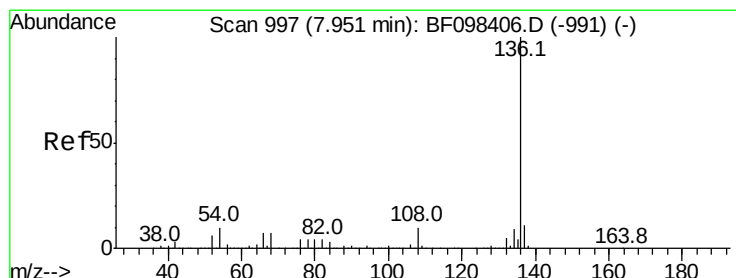
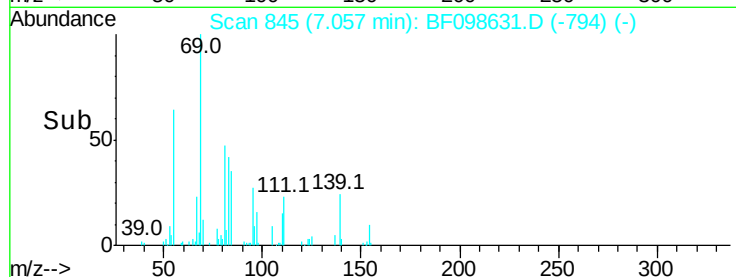
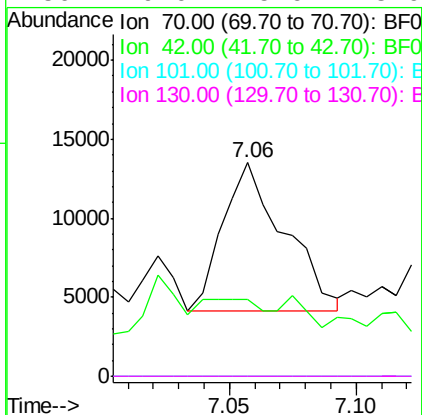
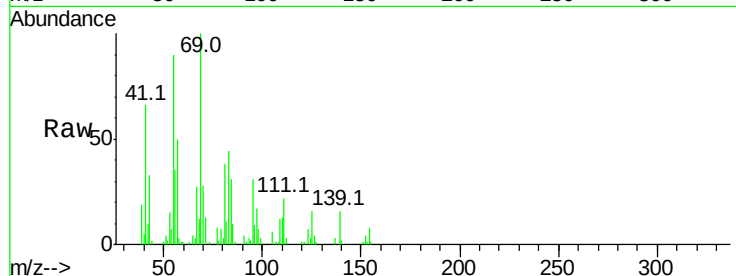
Acq: 19 Sep 2017 5:30

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	70	Resp:	15701
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: 20.000 ng

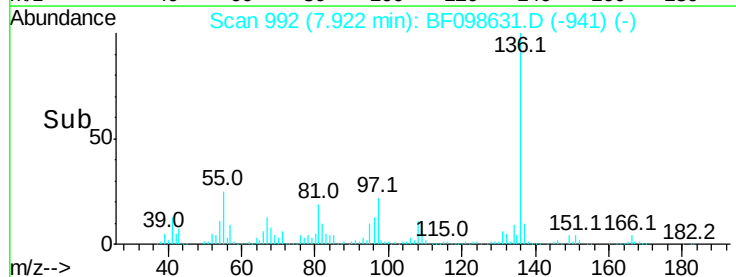
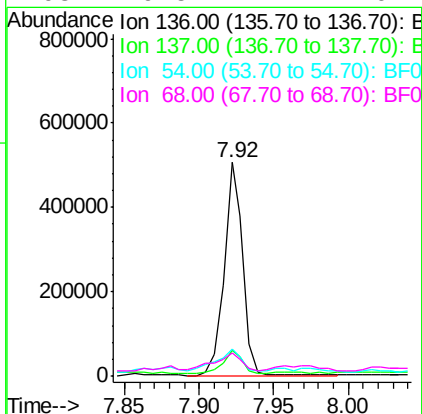
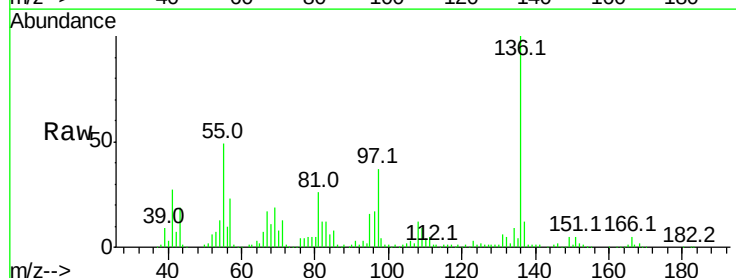
RT: 7.92 min Scan# 992

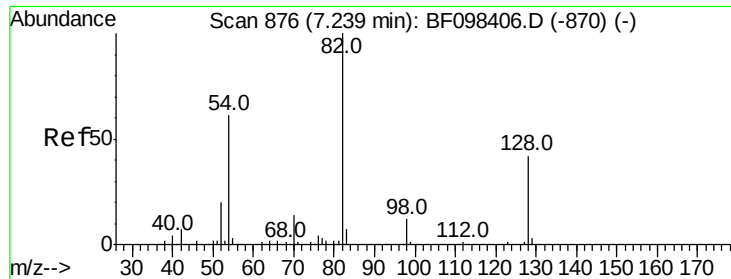
Delta R.T. -0.00 min

Lab File: BF098631.D

Acq: 19 Sep 2017 5:30

Tgt Ion:	136	Resp:	442030
Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.5	12.7
54	12.8	4.9	7.3#
68	10.5	4.1	6.1#

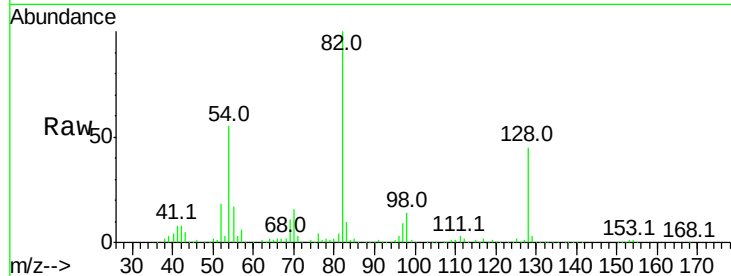




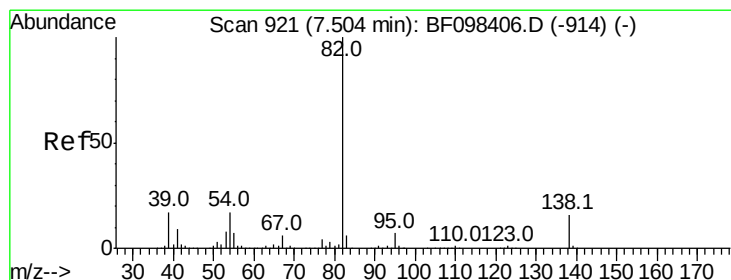
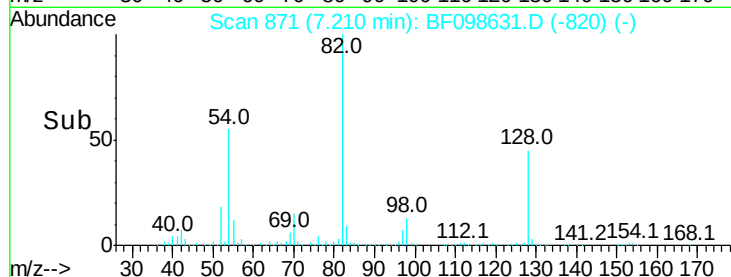
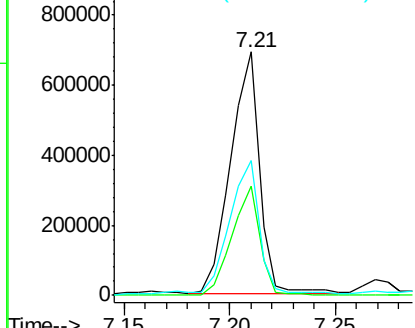
#23
Nitrobenzene-d5
Concen: 82.159 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF098631.D
Acq: 19 Sep 2017 5:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 651424
Ion Ratio Lower Upper
82 100
128 44.7 34.0 51.0
54 55.3 42.2 63.2

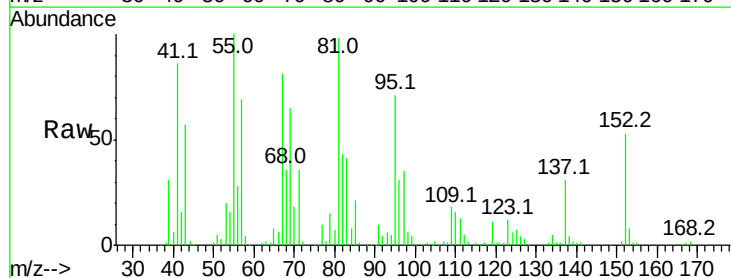


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

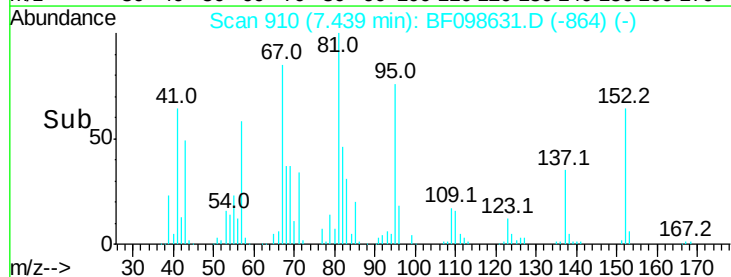
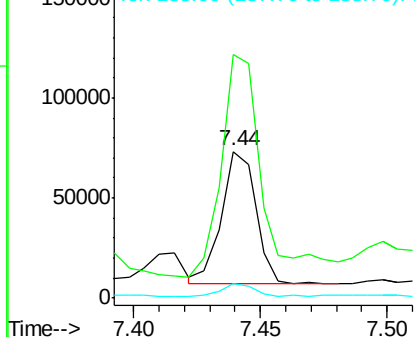


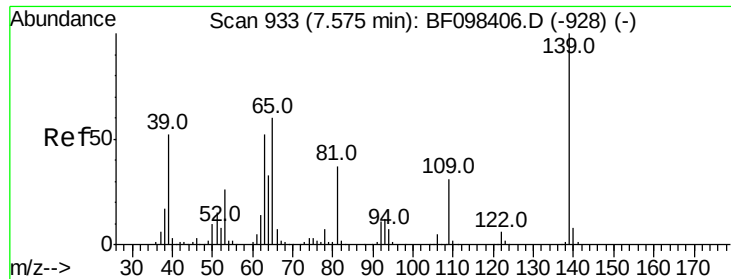
#25
Isophorone
Concen: 3.923 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.03 min
Lab File: BF098631.D
Acq: 19 Sep 2017 5:30

Tgt Ion: 82 Resp: 62937
Ion Ratio Lower Upper
82 100
95 165.9 5.3 7.9#
138 10.2 13.1 19.7#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

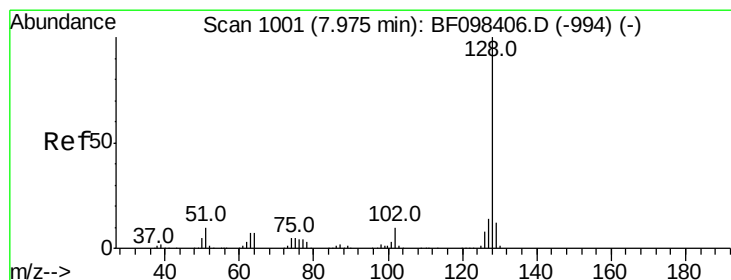
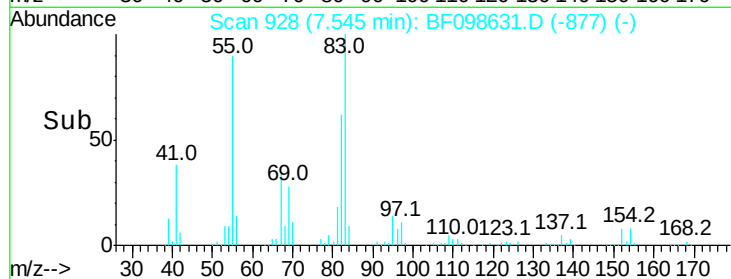
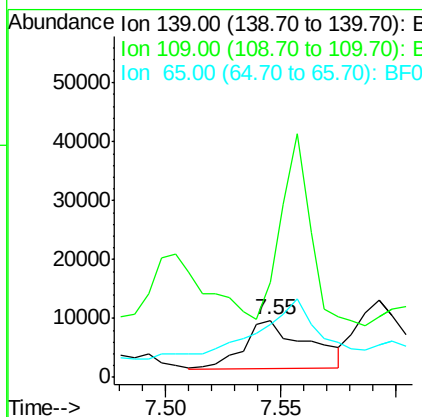
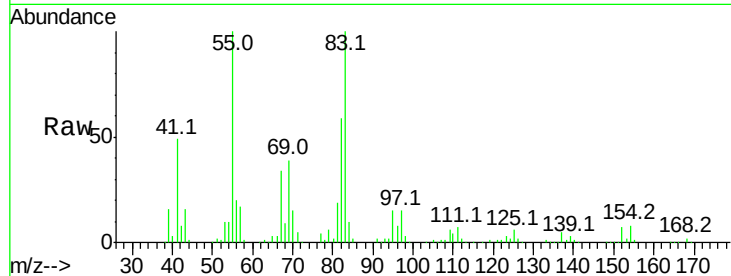




#26
2-Nitrophenol
Concen: 4.254 ng
RT: 7.55 min Scan# 928
Delta R.T. -0.00 min
Lab File: BF098631.D
Acq: 19 Sep 2017 5:30

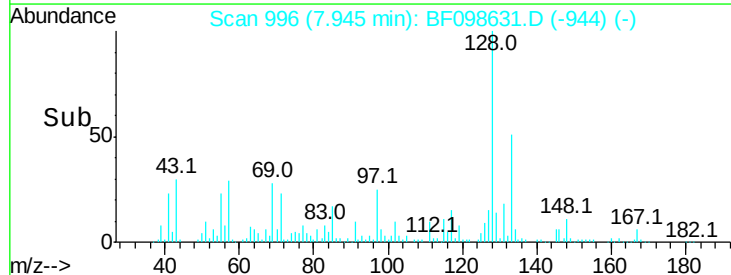
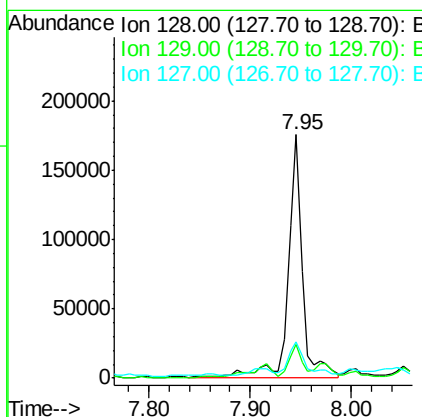
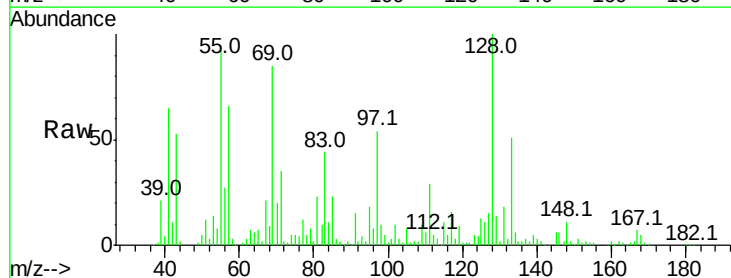
Instrument :
BNA_F
ClientSampled :

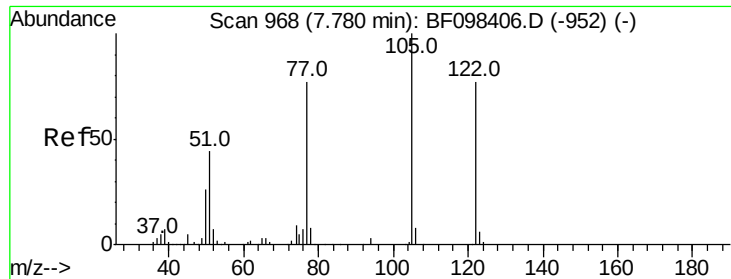
Tot Ion:139 Resp: 15513
Ion Ratio Lower Upper
139 100
109 167.0 21.0 31.6#
65 92.7 33.0 49.6#



#31
Naphthalene
Concen: 7.860 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.01 min
Lab File: BF098631.D
Acq: 19 Sep 2017 5:30

Tgt Ion:128 Resp: 171757
Ion Ratio Lower Upper
128 100
129 13.6 9.0 13.6#
127 15.1 10.8 16.2

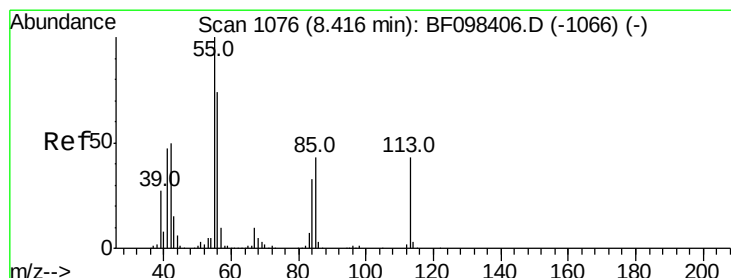
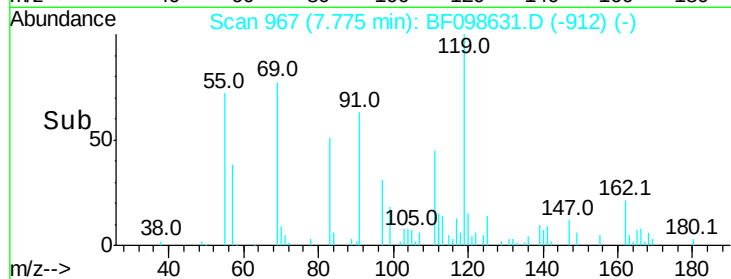
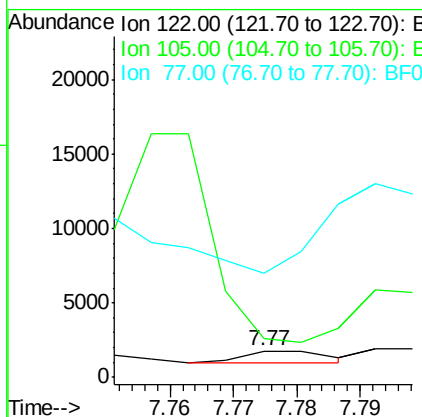
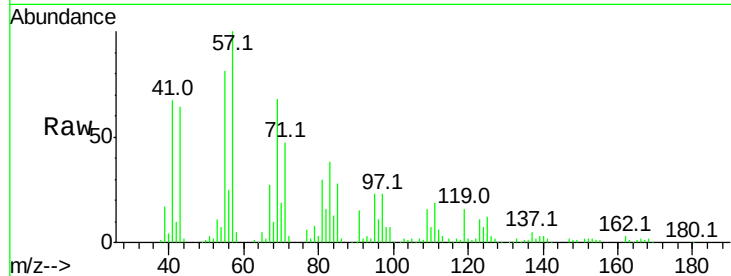




#32
Benzoic acid
Concen: 8.099 ng
RT: 7.77 min Scan# 967
Delta R.T. 0.02 min
Lab File: BF098631.D
Acq: 19 Sep 2017 5:30

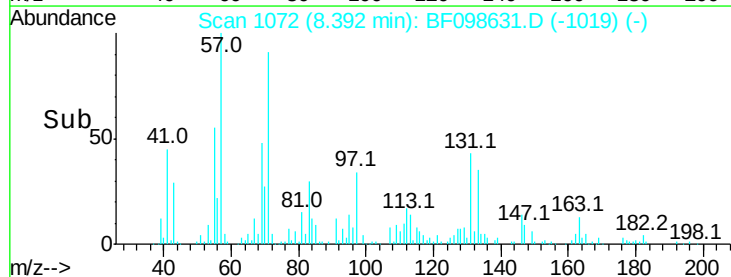
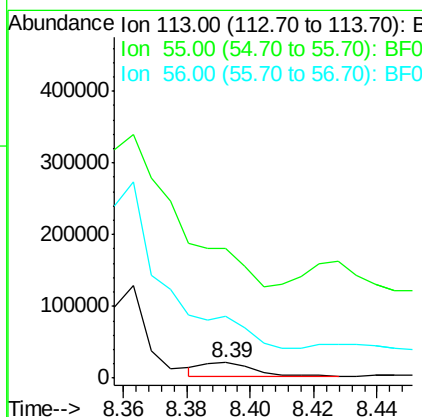
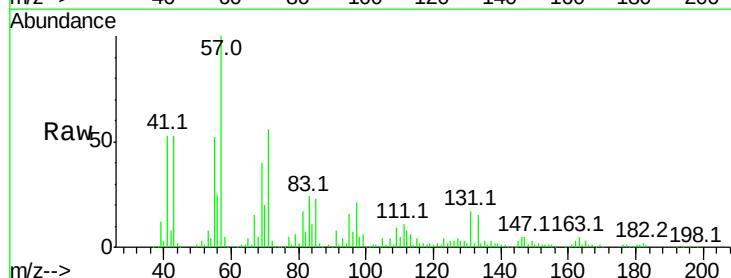
Instrument :
BNA_F
ClientSampleId :

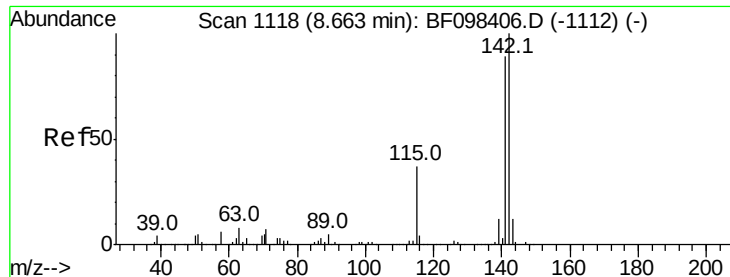
Tot Ion:122 Resp: 724
Ion Ratio Lower Upper
122 100
105 149.2 103.3 143.3#
77 394.5 73.7 113.7#



#35
Caprolactam
Concen: 10.815 ng
RT: 8.39 min Scan# 1072
Delta R.T. 0.01 min
Lab File: BF098631.D
Acq: 19 Sep 2017 5:30

Tgt Ion:113 Resp: 21561
Ion Ratio Lower Upper
113 100
55 830.9 150.2 190.2#
56 399.6 107.8 147.8#





#37

2-Methylnaphthalene

Concen: 21.181 ng

RT: 8.64 min Scan# 1114

Delta R.T. 0.01 min

Lab File: BF098631.D

Acq: 19 Sep 2017 5:30

Instrument :

BNA_F

ClientSampleId :

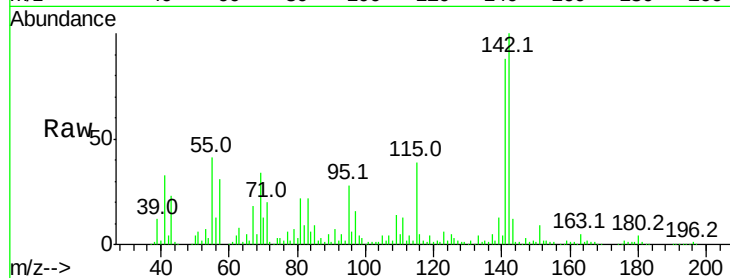
Tot Ion:142 Resp: 280366

Ion Ratio Lower Upper

142 100

141 87.8 71.3 106.9

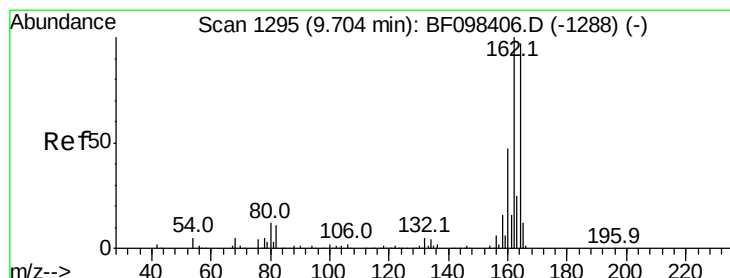
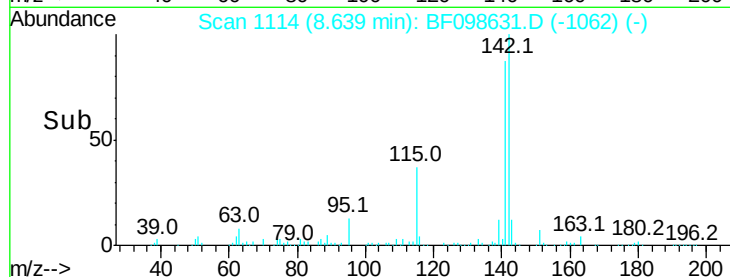
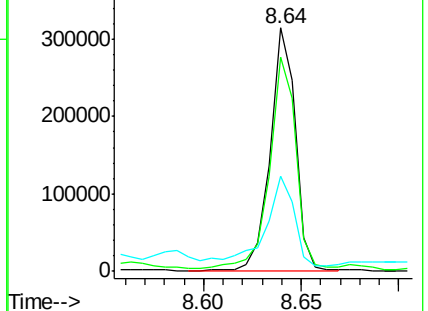
115 39.2 27.1 40.7



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: 20.000 ng

RT: 9.68 min Scan# 1291

Delta R.T. 0.01 min

Lab File: BF098631.D

Acq: 19 Sep 2017 5:30

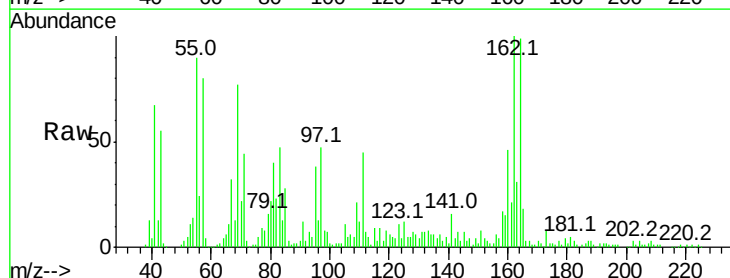
Tgt Ion:164 Resp: 181355

Ion Ratio Lower Upper

164 100

162 101.4 82.6 123.8

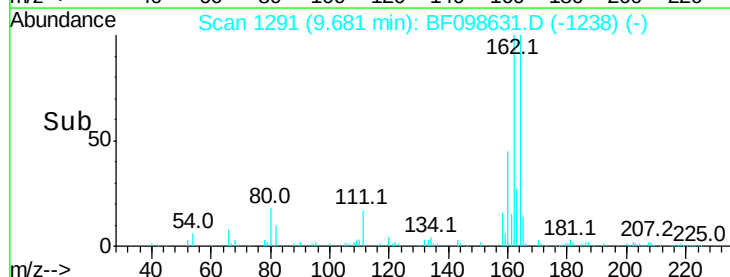
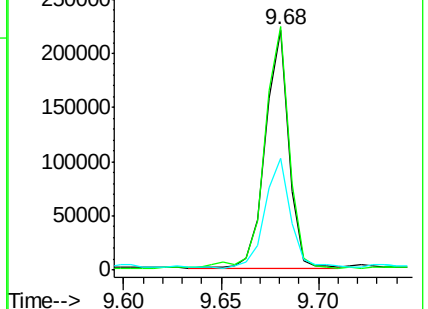
160 46.5 36.2 54.2

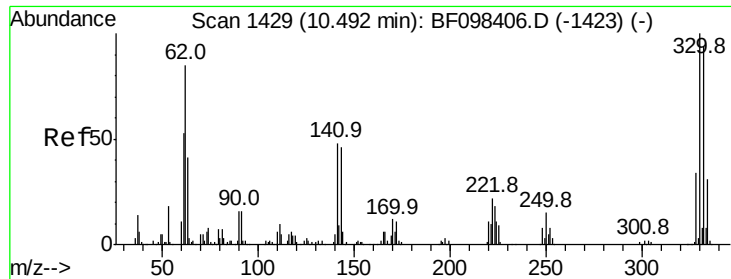


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

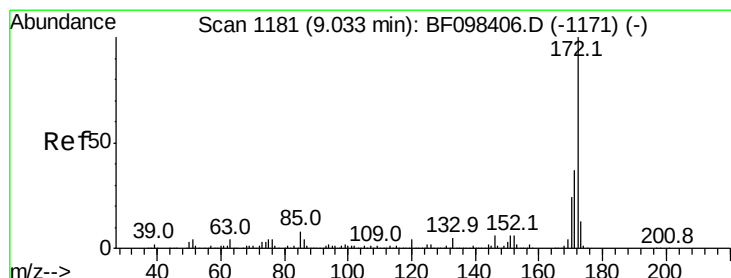
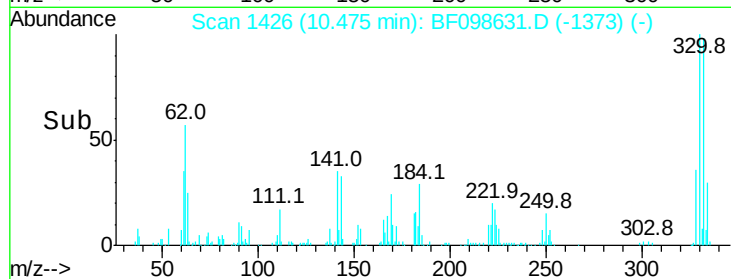
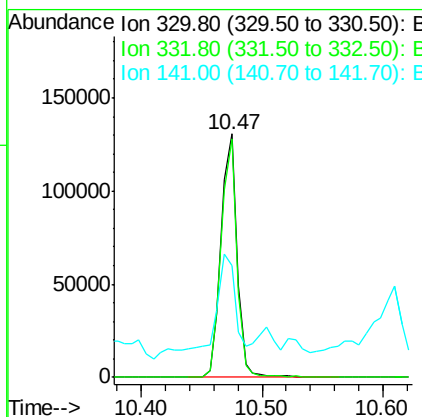
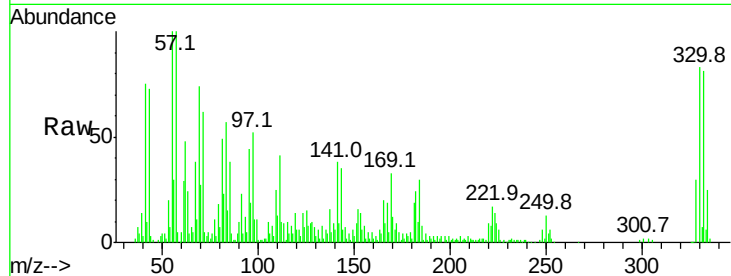




#41
 2,4,6-Tribromophenol
 Concen: 99.043 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. 0.01 min
 Lab File: BF098631.D
 Acq: 19 Sep 2017 5:30

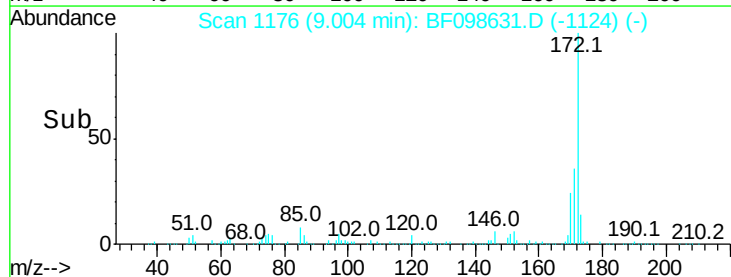
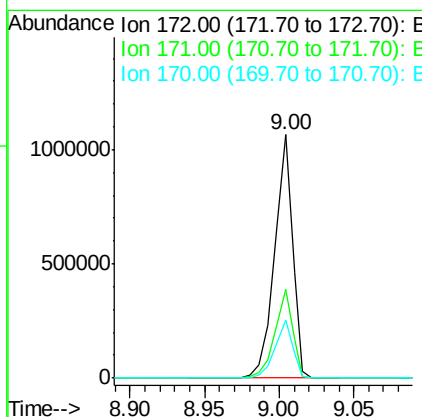
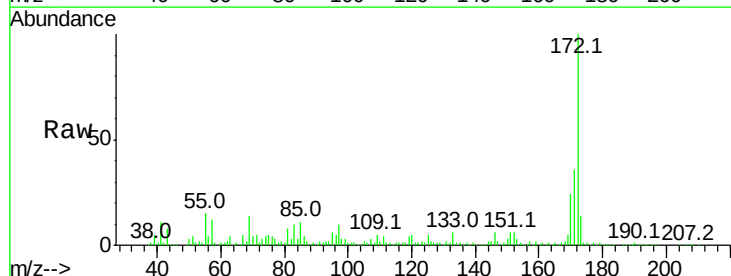
Instrument :
 BNA_F
 ClientSampleId :

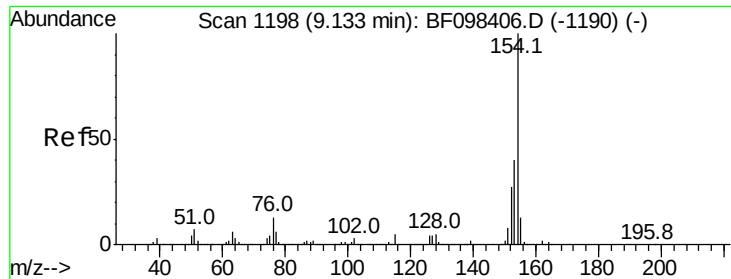
Tot Ion:330 Resp: 119881
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.6 115.0
 141 40.7 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 83.622 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. 0.01 min
 Lab File: BF098631.D
 Acq: 19 Sep 2017 5:30

Tgt Ion:172 Resp: 894749
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 24.0 19.8 29.8





#45

1,1'-Biphenyl

Concen: 2.898 ng

RT: 9.10 min Scan# 1193

Delta R.T. 0.01 min

Lab File: BF098631.D

Acq: 19 Sep 2017 5:30

Instrument :

BNA_F

ClientSampleId :

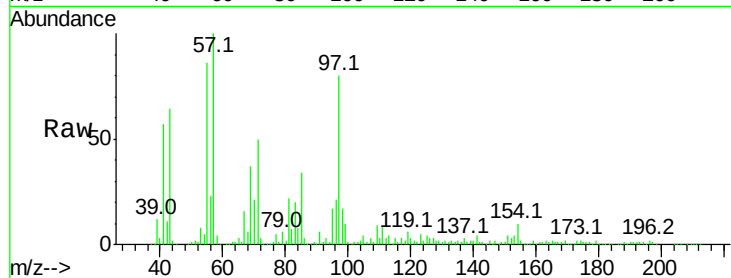
Tot Ion:154 Resp: 47049

Ion Ratio Lower Upper

154 100

153 42.6 21.2 61.2

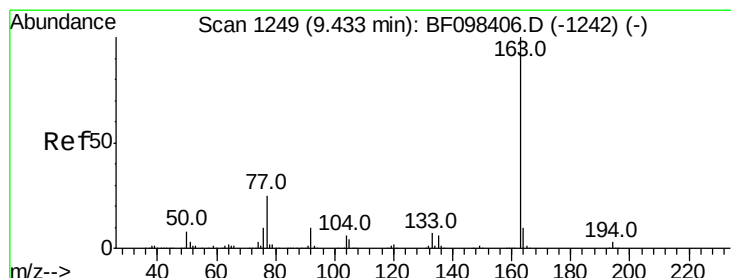
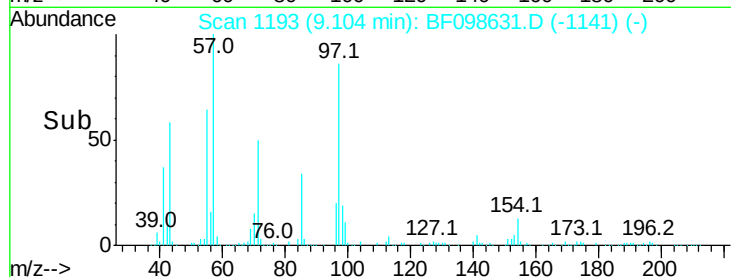
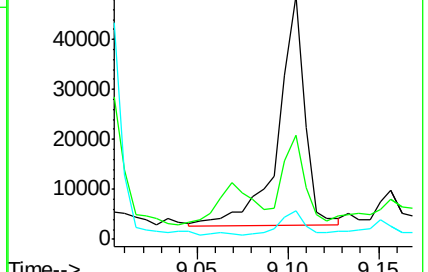
76 11.8 0.0 29.9



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



#49

Dimethylphthalate

Concen: 8.682 ng

RT: 9.40 min Scan# 1243

Delta R.T. -0.01 min

Lab File: BF098631.D

Acq: 19 Sep 2017 5:30

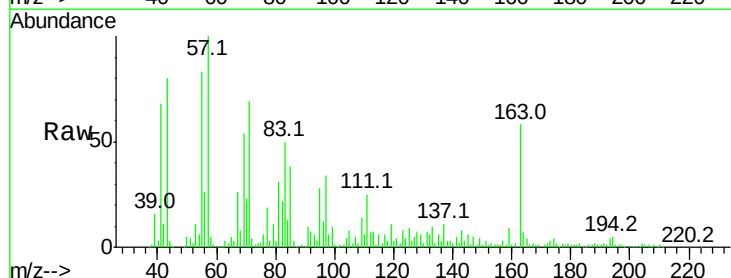
Tgt Ion:163 Resp: 121887

Ion Ratio Lower Upper

163 100

194 8.4 2.6 4.0#

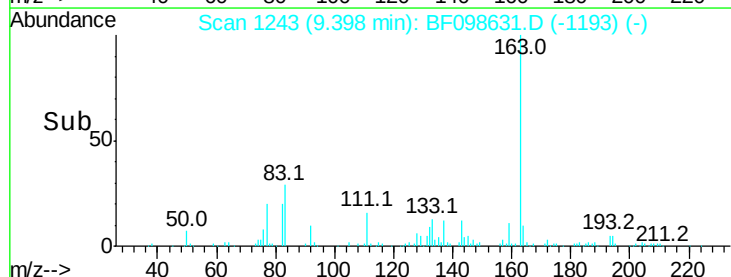
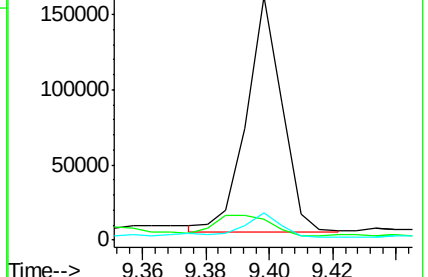
164 11.3 8.4 12.6

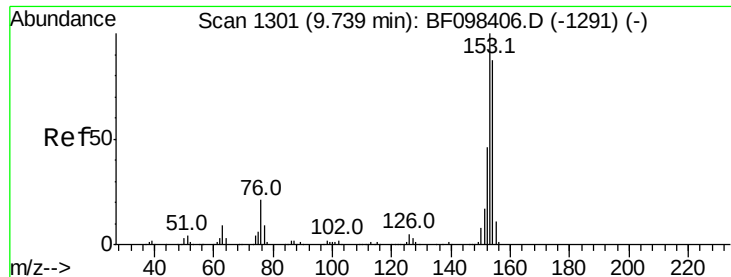


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 4.256 ng

RT: 9.71 min Scan# 1296

Delta R.T. 0.01 min

Lab File: BF098631.D

Acq: 19 Sep 2017 5:30

Instrument :

BNA_F

ClientSampled :

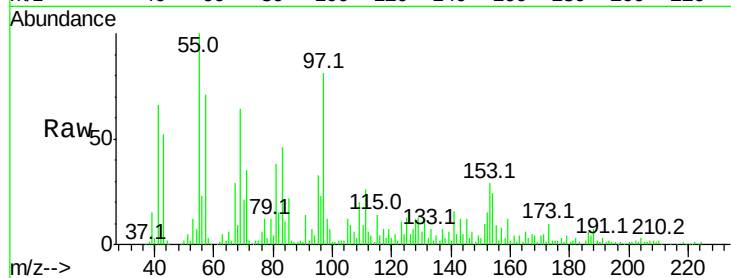
Tot Ion:154 Resp: 46635

Ion Ratio Lower Upper

154 100

153 119.4 90.5 135.7

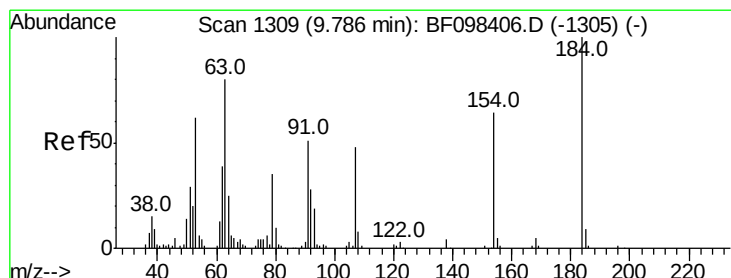
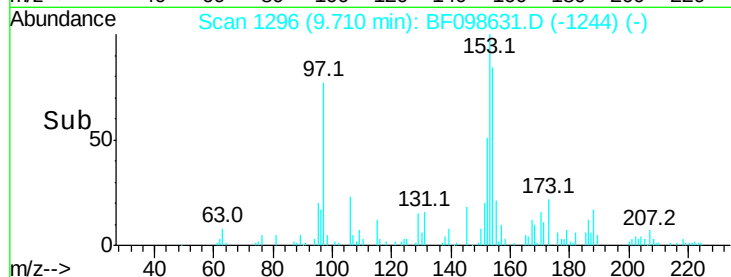
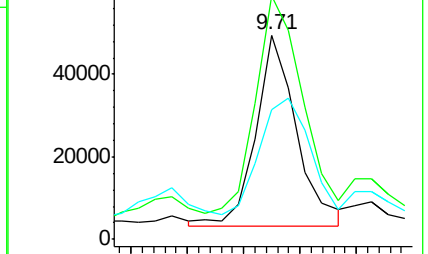
152 63.4 43.6 65.4



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: 9.002 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.00 min

Lab File: BF098631.D

Acq: 19 Sep 2017 5:30

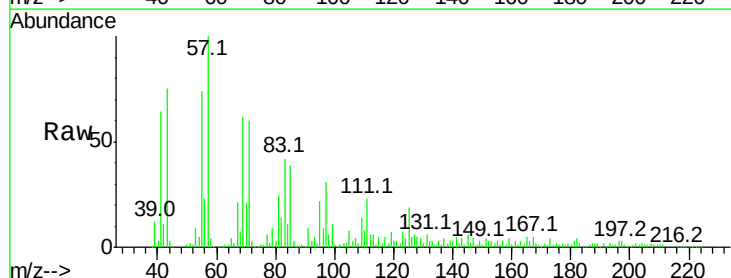
Tgt Ion:184 Resp: 728

Ion Ratio Lower Upper

184 100

63 376.0 62.7 94.1#

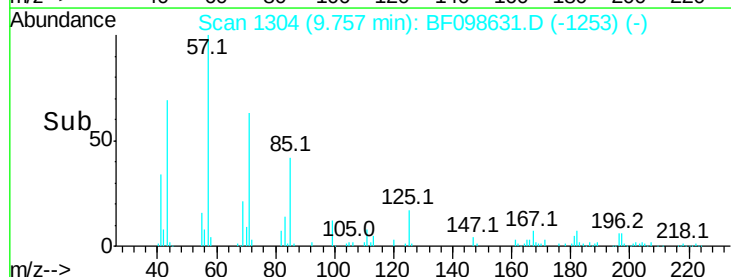
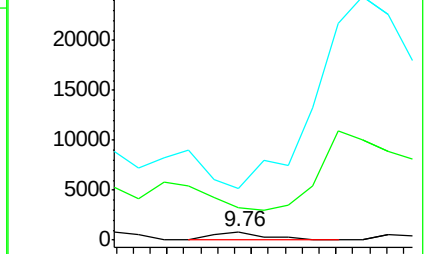
154 607.4 81.1 121.7#

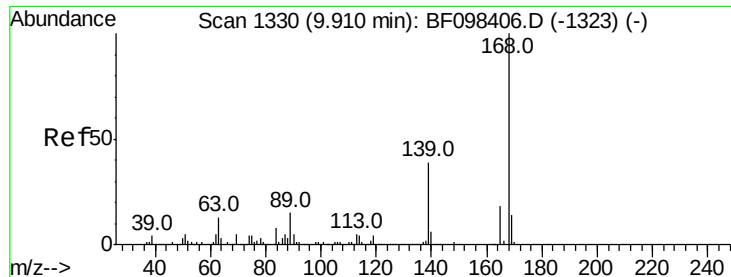


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

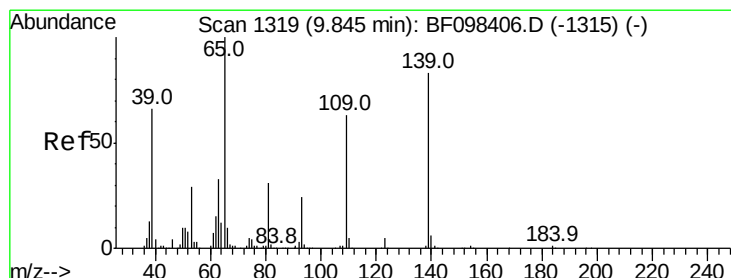
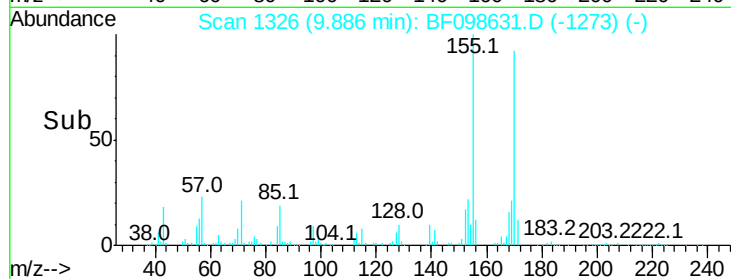
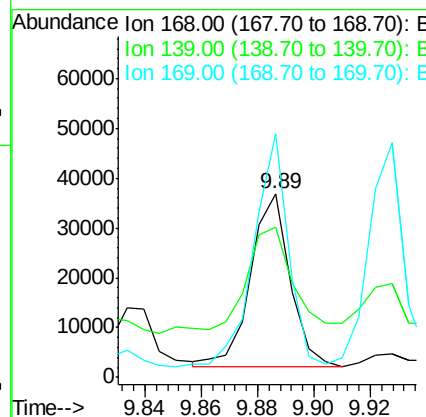
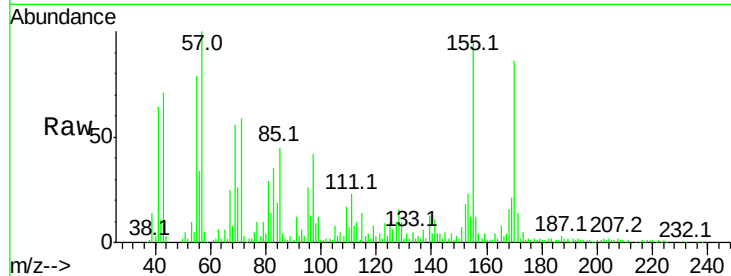




#54
Dibenzenofuran
Concen: 2.324 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.01 min
Lab File: BF098631.D
Acq: 19 Sep 2017 5:30

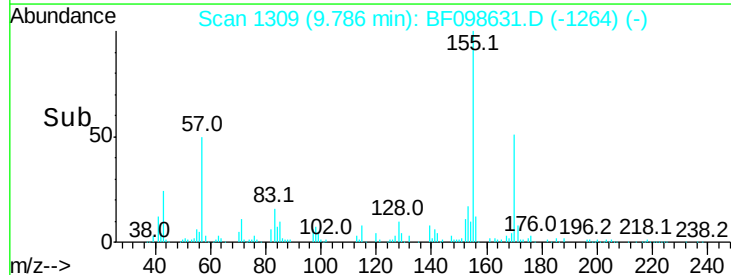
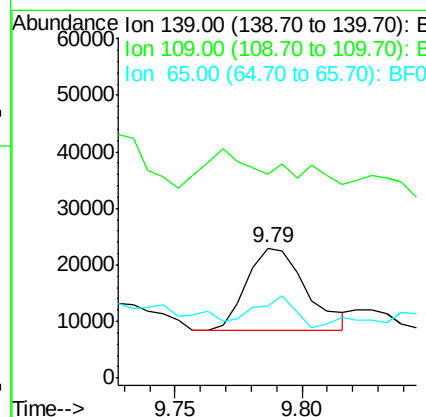
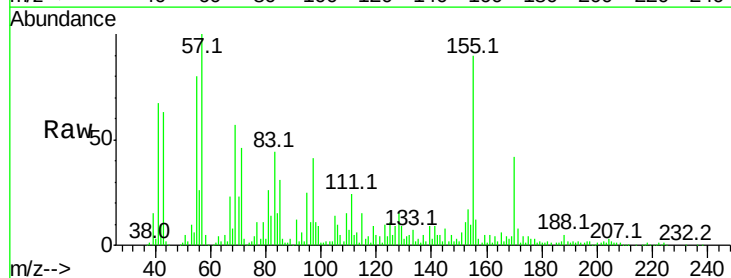
Instrument :
BNA_F
ClientSampleId :

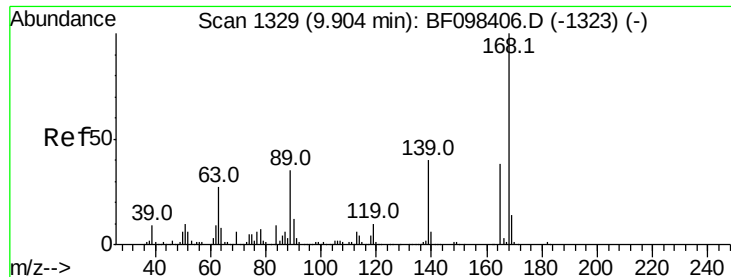
Tot Ion:168 Resp: 33551
Ion Ratio Lower Upper
168 100
139 81.8 30.6 45.8#
169 132.5 10.8 16.2#



#55
4-Nitrophenol
Concen: 12.015 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.04 min
Lab File: BF098631.D
Acq: 19 Sep 2017 5:30

Tgt Ion:139 Resp: 24029
Ion Ratio Lower Upper
139 100
109 157.1 34.1 74.1#
65 55.7 31.4 71.4





#56

2,4-Dinitrotoluene

Concen: 2.609 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.01 min

Lab File: BF098631.D

Acq: 19 Sep 2017 5:30

Instrument :

BNA_F

ClientSampled :

Tot Ion:165 Resp: 9147

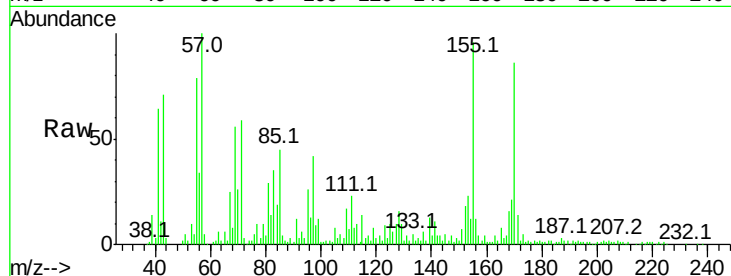
Ion Ratio Lower Upper

165 100

63 79.4 25.4 38.0#

89 32.8 46.4 69.6#

182 23.8 1.8 2.6#

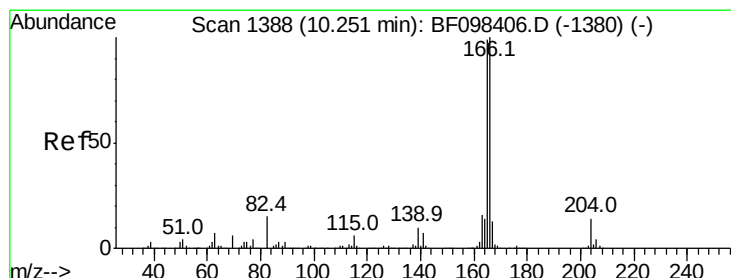
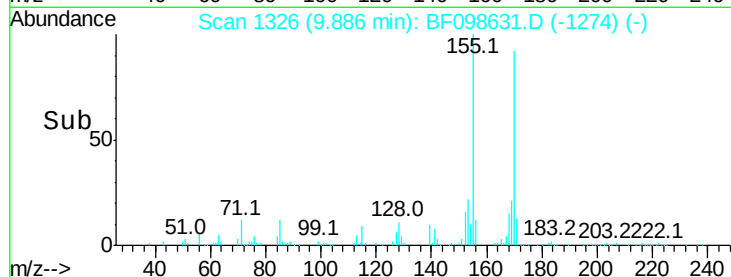
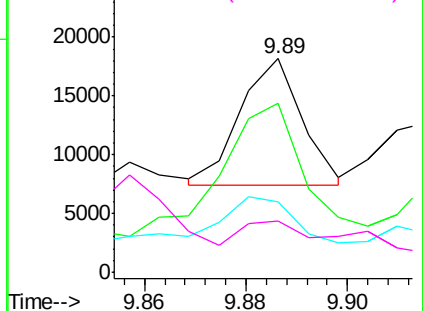


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 5.284 ng

RT: 10.23 min Scan# 1384

Delta R.T. 0.01 min

Lab File: BF098631.D

Acq: 19 Sep 2017 5:30

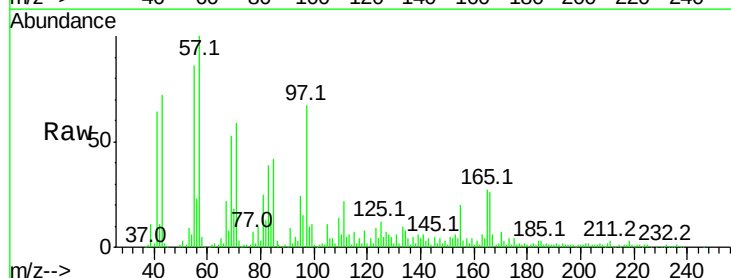
Tgt Ion:166 Resp: 63129

Ion Ratio Lower Upper

166 100

165 103.8 78.8 118.2

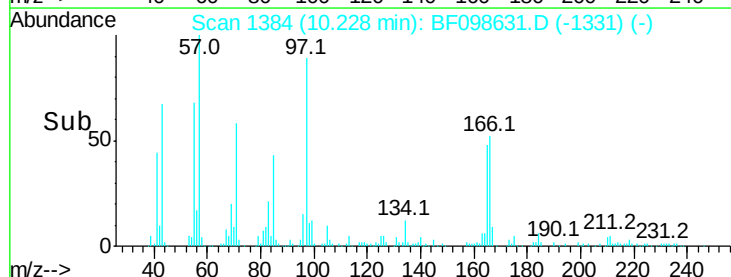
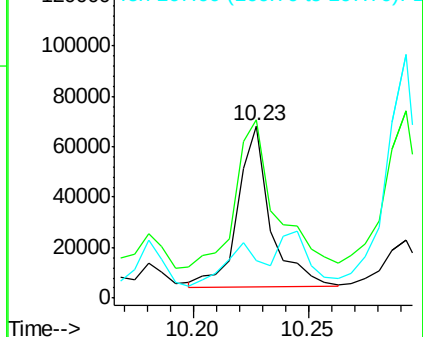
167 21.9 10.6 16.0#

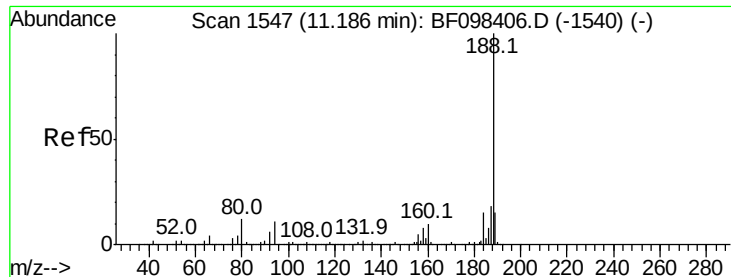


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.16 min Scan# 1543

Delta R.T. 0.01 min

Lab File: BF098631.D

Acq: 19 Sep 2017 5:30

Instrument :

BNA_F

ClientSampleId :

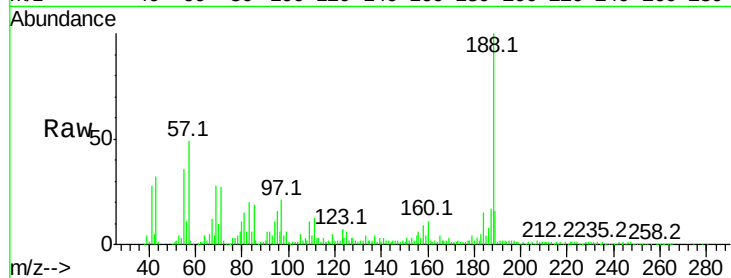
Tot Ion:188 Resp: 311780

Ion Ratio Lower Upper

188 100

94 10.7 9.4 14.2

80 11.4 10.2 15.2



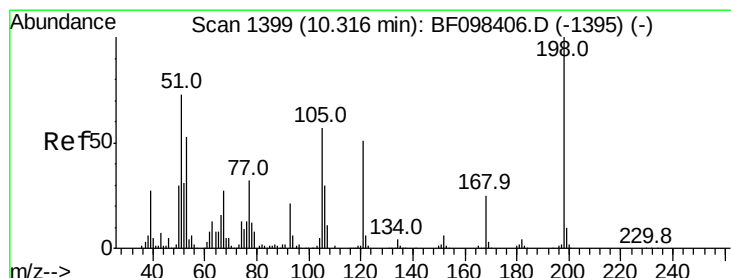
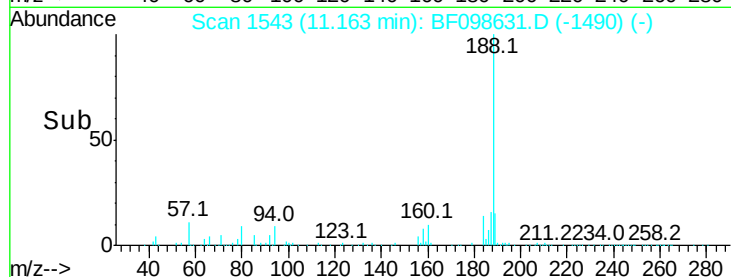
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

11.16

Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 5.533 ng

RT: 10.29 min Scan# 1395

Delta R.T. -0.00 min

Lab File: BF098631.D

Acq: 19 Sep 2017 5:30

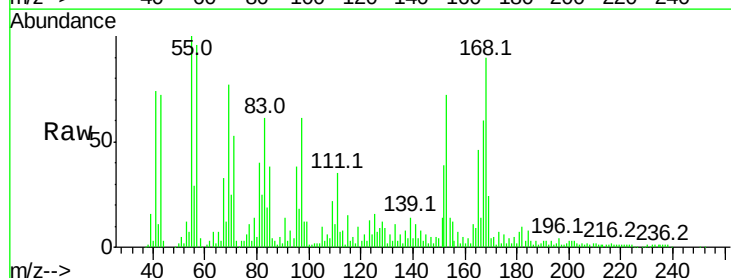
Tgt Ion:198 Resp: 1212

Ion Ratio Lower Upper

198 100

51 618.6 53.2 93.2#

105 1256.8 45.8 85.8#



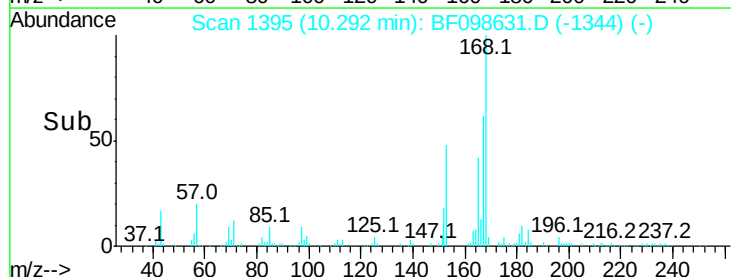
Abundance Ion 198.00 (197.70 to 198.70): E

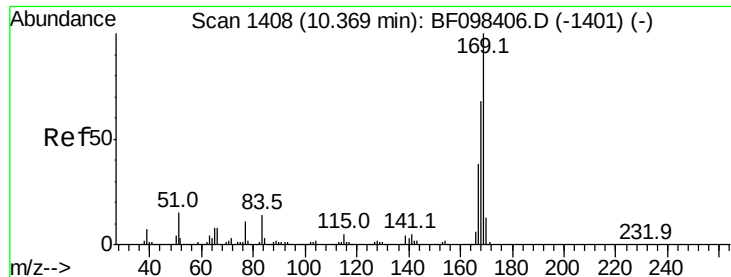
Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

10.29

Time-->





#65

n-Nitrosodiphenylamine

Concen: 13.070 ng

RT: 10.34 min Scan# 1403

Delta R.T. 0.01 min

Lab File: BF098631.D

Acq: 19 Sep 2017 5:30

Instrument :

BNA_F

ClientSampleId :

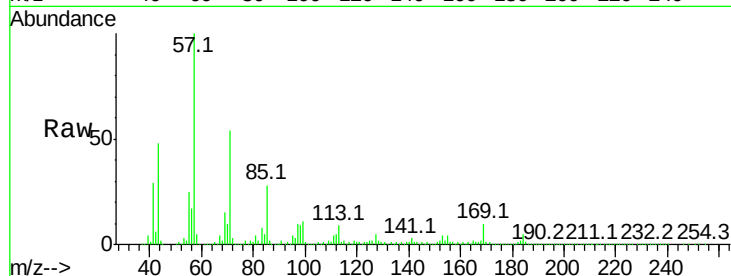
Tot Ion:169 Resp: 132315

Ion Ratio Lower Upper

169 100

168 18.6 53.2 79.8#

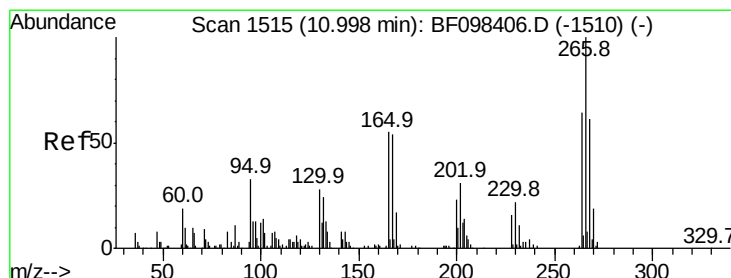
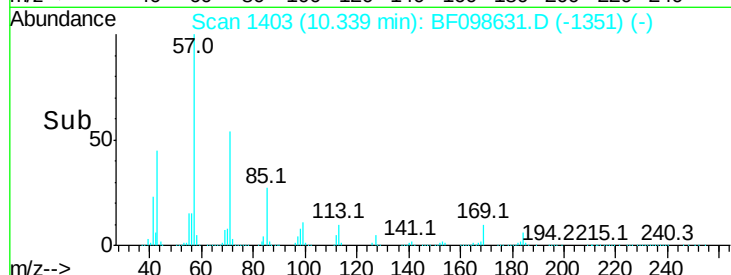
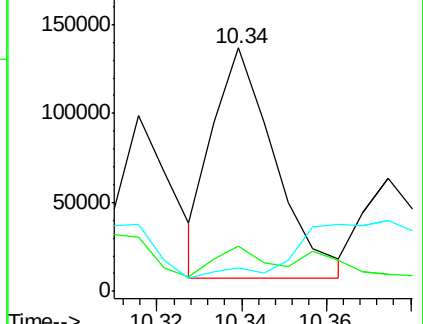
167 9.8 29.5 44.3#



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#69

Pentachlorophenol

Concen: 7.622 ng

RT: 10.97 min Scan# 1510

Delta R.T. -0.00 min

Lab File: BF098631.D

Acq: 19 Sep 2017 5:30

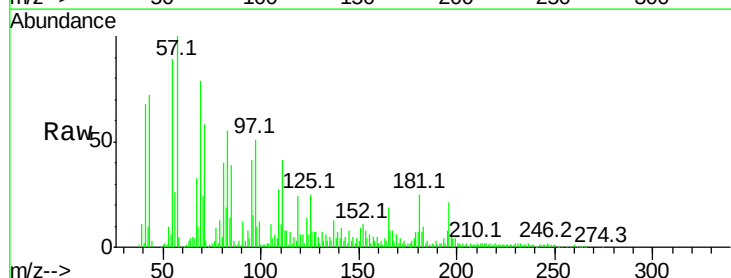
Tgt Ion:266 Resp: 994

Ion Ratio Lower Upper

266 100

268 0.0 51.1 76.7#

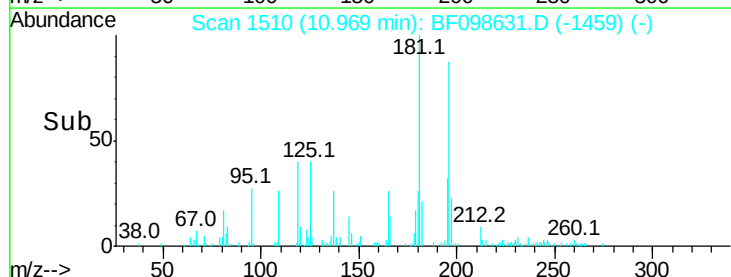
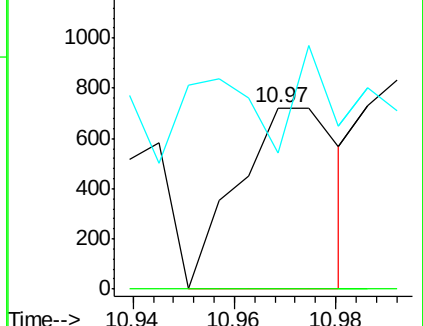
264 75.2 51.7 77.5

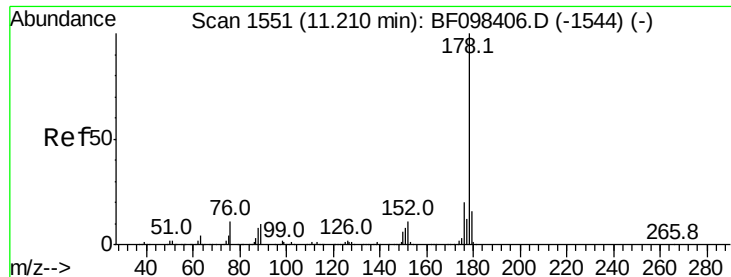


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 17.036 ng

RT: 11.19 min Scan# 1547

Delta R.T. 0.01 min

Lab File: BF098631.D

Acq: 19 Sep 2017 5:30

Instrument :

BNA_F

ClientSampled :

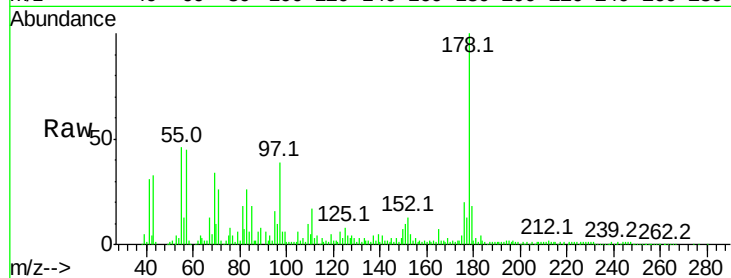
Tot Ion:178 Resp: 281576

Ion Ratio Lower Upper

178 100

176 20.1 16.2 24.4

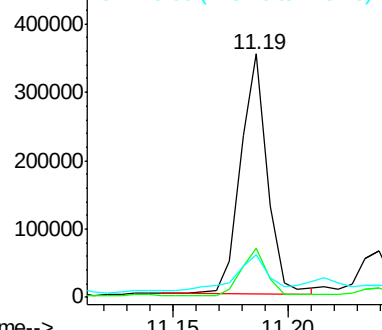
179 17.8 12.6 19.0



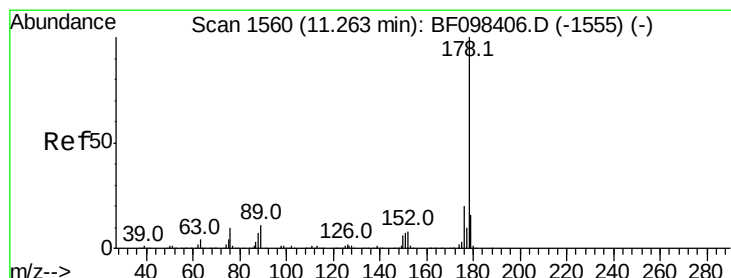
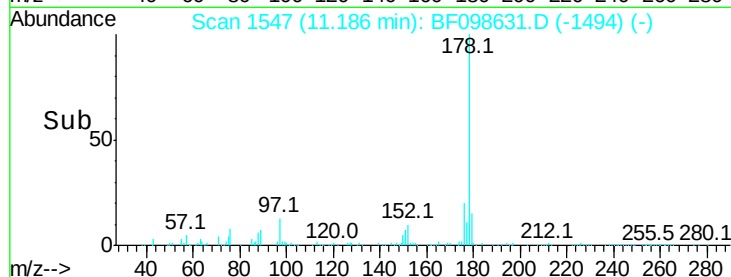
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#71

Anthracene

Concen: 16.566 ng

RT: 11.19 min Scan# 1547

Delta R.T. -0.04 min

Lab File: BF098631.D

Acq: 19 Sep 2017 5:30

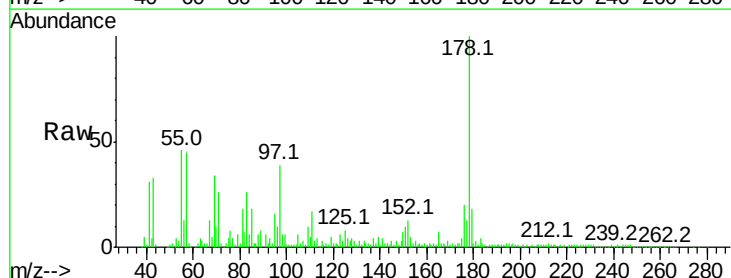
Tgt Ion:178 Resp: 281120

Ion Ratio Lower Upper

178 100

176 20.1 15.8 23.8

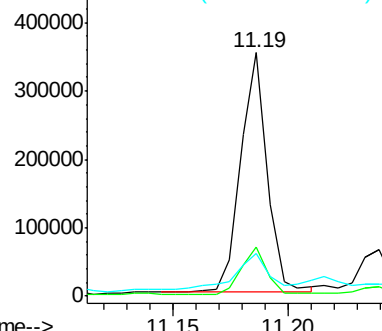
179 17.8 12.7 19.1



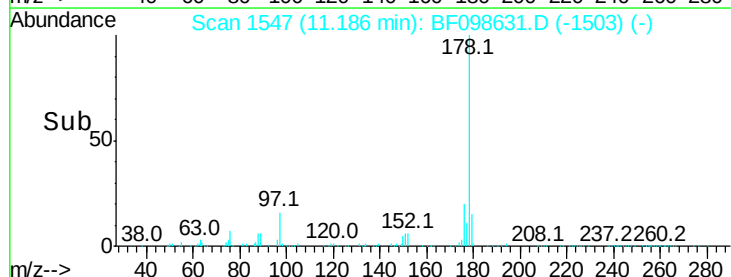
Abundance Ion 178.00 (177.70 to 178.70): E

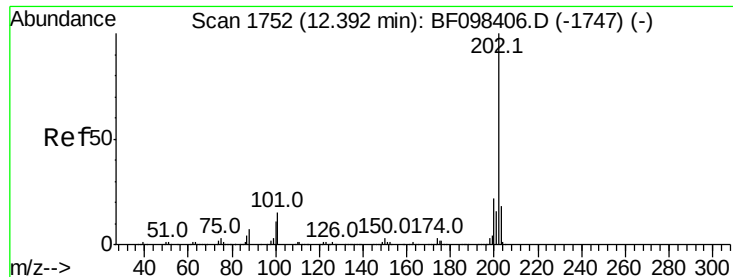
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->





#74

Fluoranthene

Concen: 11.485 ng

RT: 12.37 min Scan# 1748

Delta R.T. 0.01 min

Lab File: BF098631.D

Acq: 19 Sep 2017 5:30

Instrument :

BNA_F

ClientSampleId :

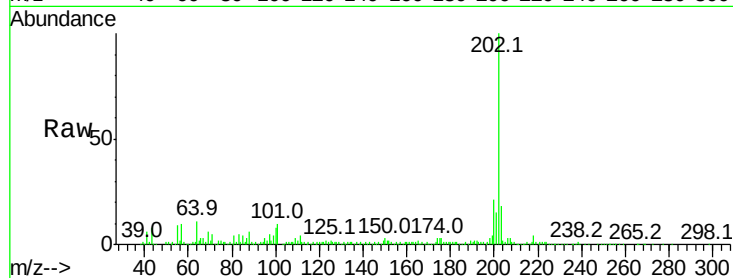
Tot Ion:202 Resp: 190031

Ion Ratio Lower Upper

202 100

101 10.5 0.0 33.2

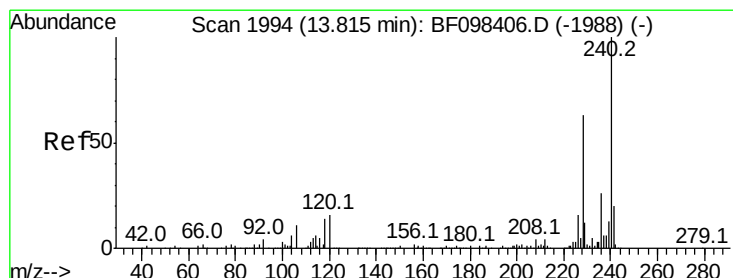
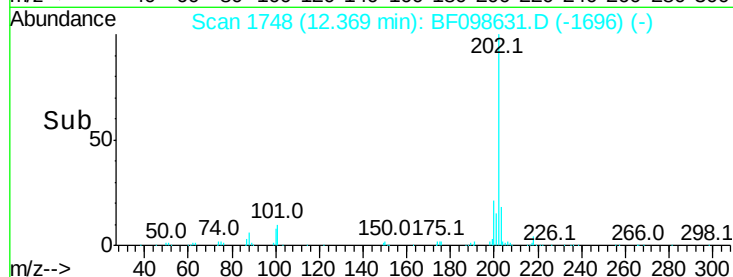
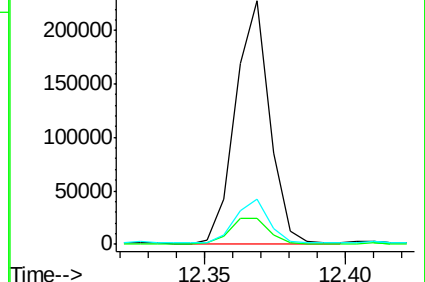
203 18.5 0.0 38.1



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: 20.000 ng

RT: 13.79 min Scan# 1989

Delta R.T. -0.00 min

Lab File: BF098631.D

Acq: 19 Sep 2017 5:30

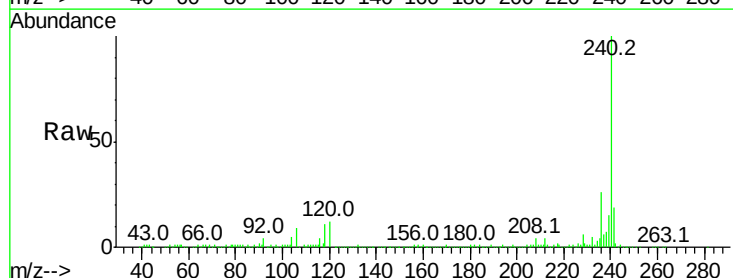
Tgt Ion:240 Resp: 257377

Ion Ratio Lower Upper

240 100

120 12.3 5.8 8.8#

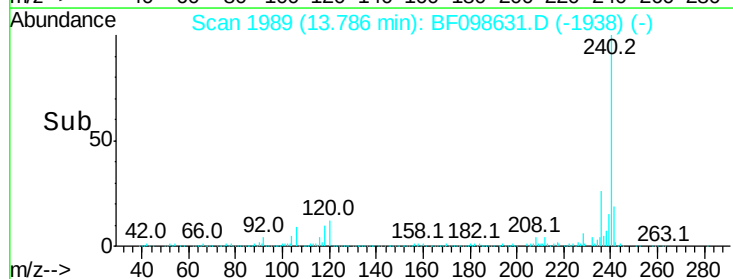
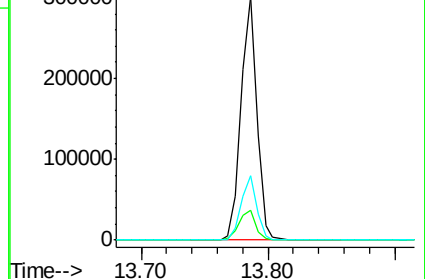
236 26.4 20.5 30.7

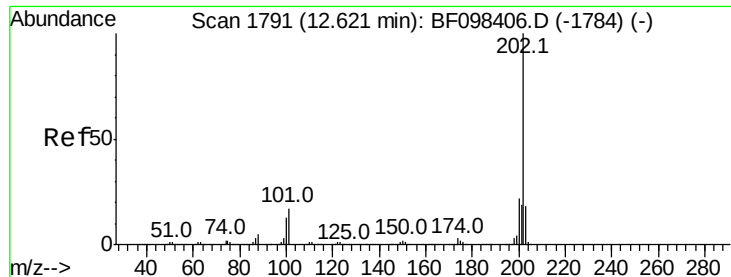


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 8.136 ng

RT: 12.59 min Scan# 1786

Delta R.T. 0.01 min

Lab File: BF098631.D

Acq: 19 Sep 2017 5:30

Instrument :

BNA_F

ClientSampleId :

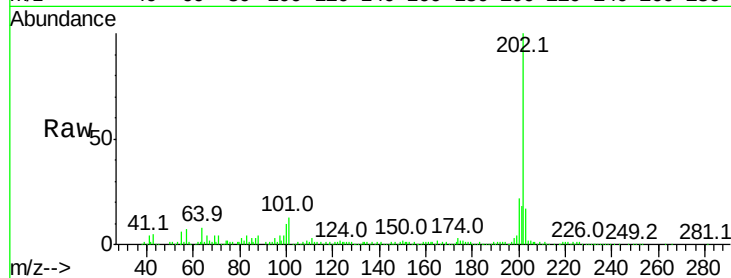
Tot Ion:202 Resp: 165188

Ion Ratio Lower Upper

202 100

200 21.6 17.6 26.4

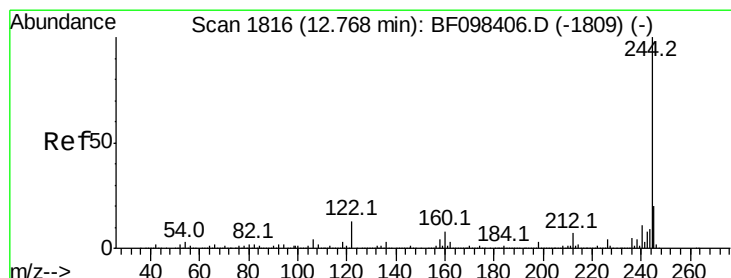
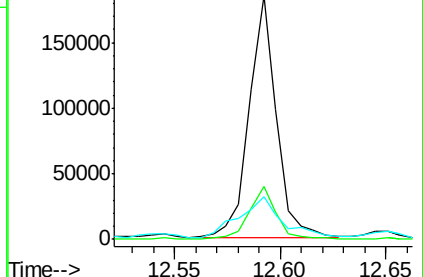
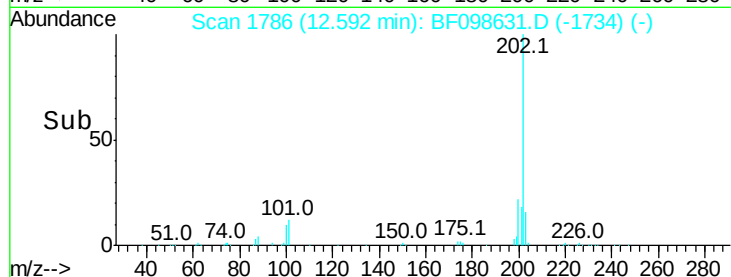
203 17.4 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 55.084 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.00 min

Lab File: BF098631.D

Acq: 19 Sep 2017 5:30

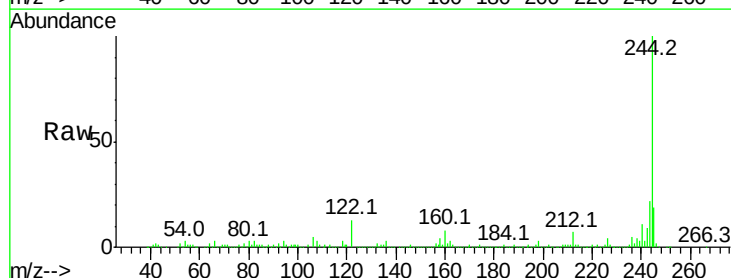
Tgt Ion:244 Resp: 656828

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

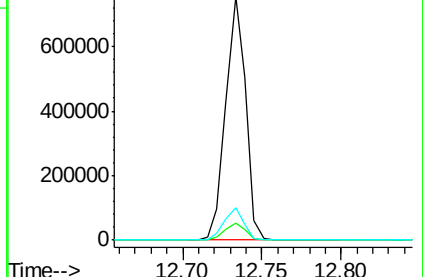
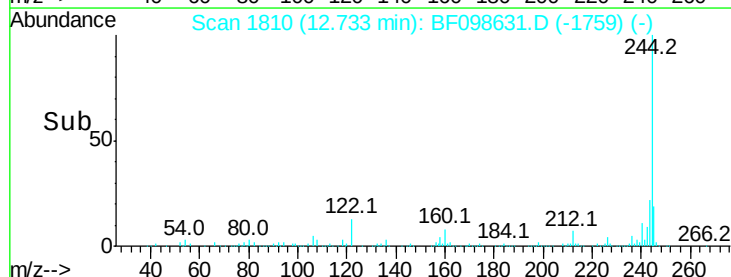
122 13.4 10.3 15.5

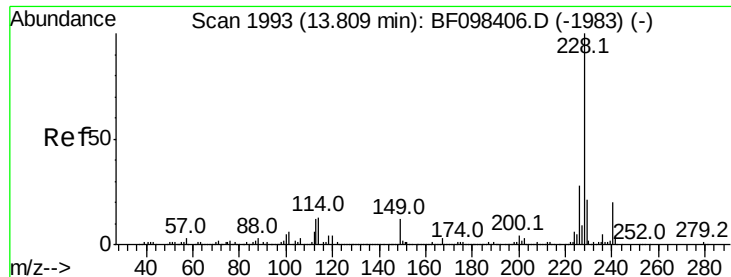


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 6.105 ng

RT: 13.77 min Scan# 1987

Delta R.T. -0.00 min

Lab File: BF098631.D

Acq: 19 Sep 2017 5:30

Instrument :

BNA_F

ClientSampleId :

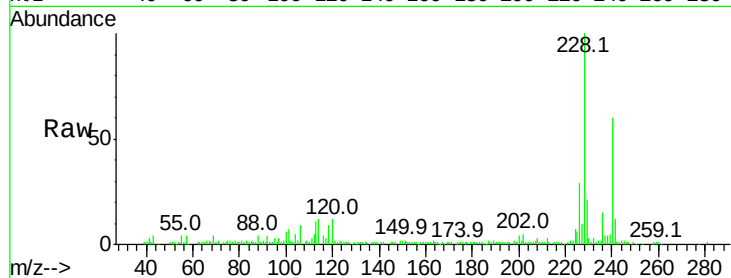
Tot Ion:228 Resp: 92118

Ion Ratio Lower Upper

228 100

226 28.8 22.6 33.8

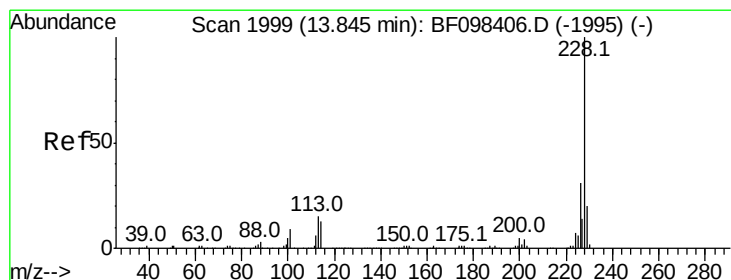
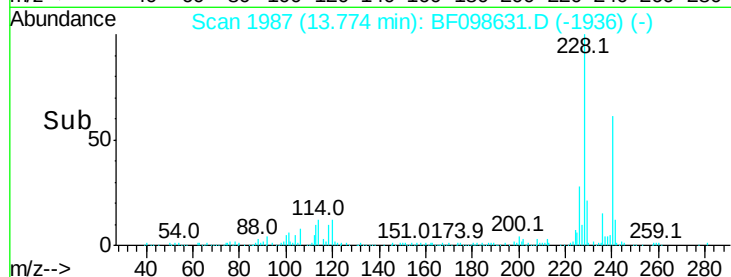
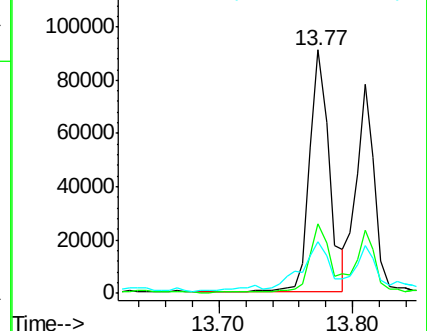
229 21.4 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

Chrysene

Concen: 4.939 ng

RT: 13.81 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BF098631.D

Acq: 19 Sep 2017 5:30

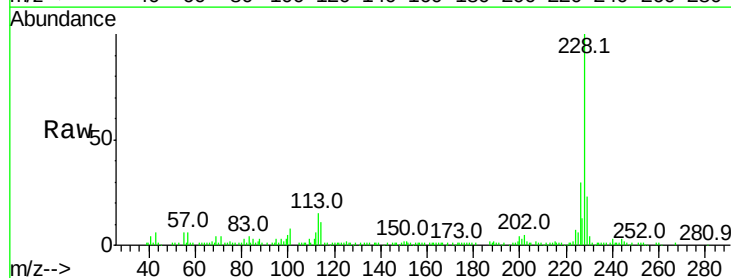
Tgt Ion:228 Resp: 75328

Ion Ratio Lower Upper

228 100

226 30.2 24.9 37.3

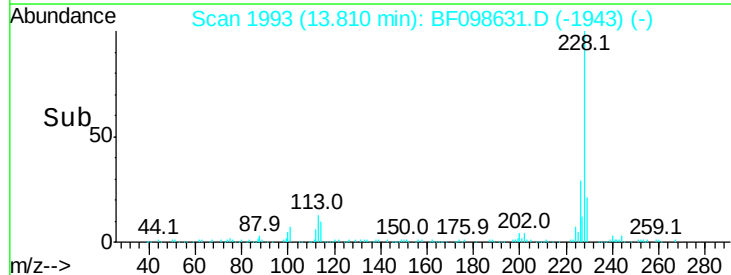
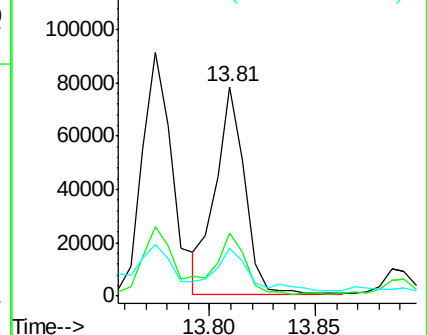
229 22.8 15.8 23.6

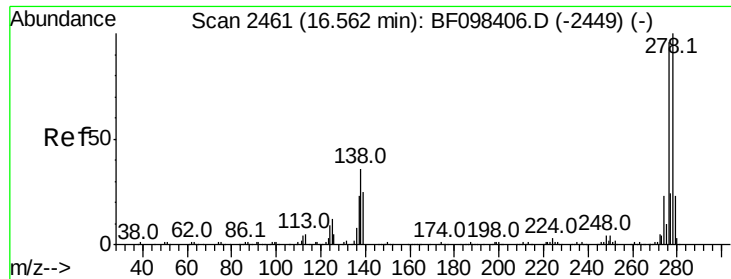


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

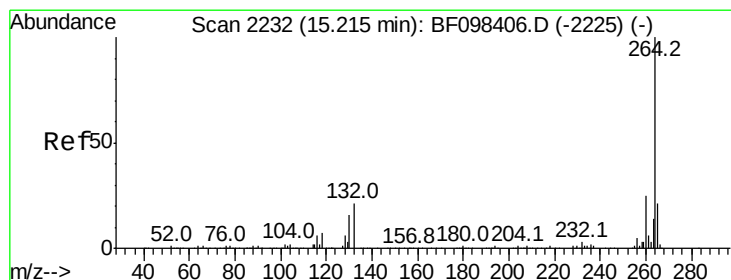
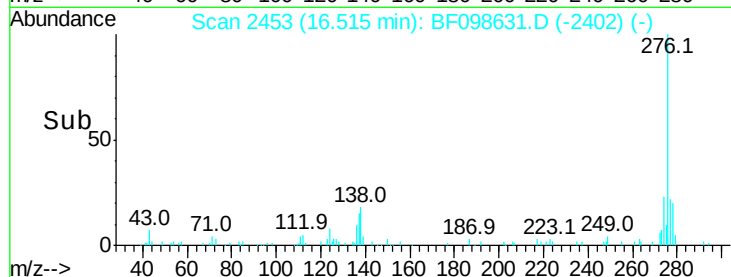
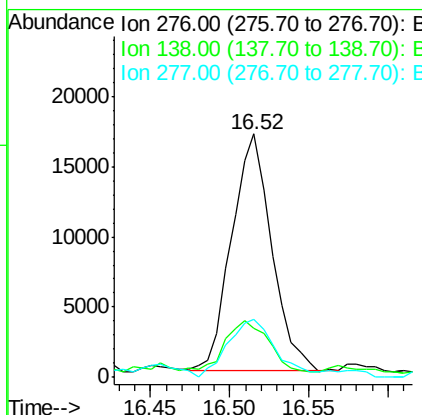
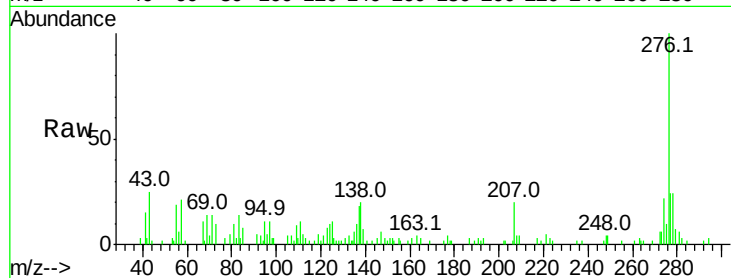




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.739 ng
 RT: 16.52 min Scan# 2453
 Delta R.T. -0.00 min
 Lab File: BF098631.D
 Acq: 19 Sep 2017 5:30

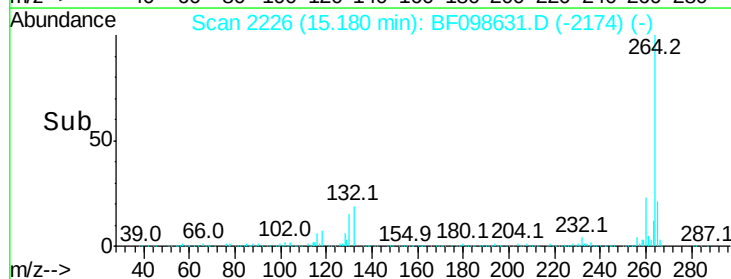
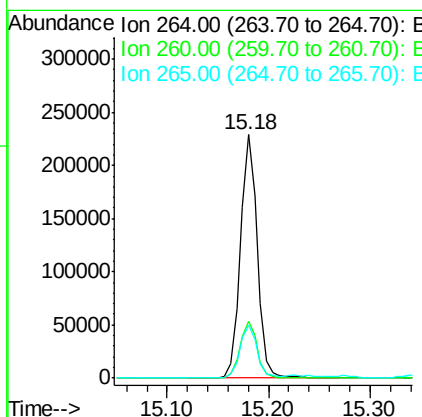
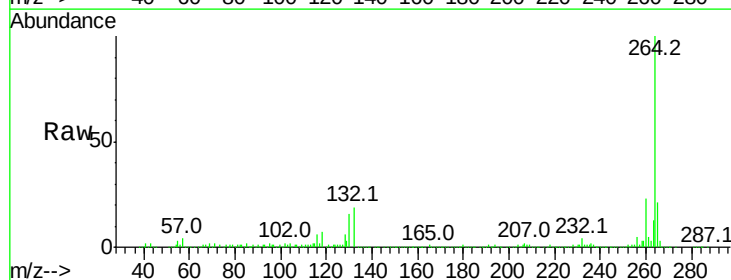
Instrument :
 BNA_F
 ClientSampleId :

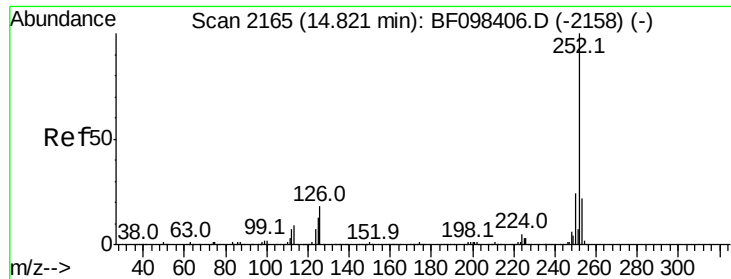
Tot Ion	Ratio	Lower	Upper
276	100		
138	26.9	27.8	41.6#
277	29.4	20.2	30.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.18 min Scan# 2226
 Delta R.T. 0.01 min
 Lab File: BF098631.D
 Acq: 19 Sep 2017 5:30

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	21.5	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 7.741 ng

RT: 14.79 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BF098631.D

Acq: 19 Sep 2017 5:30

Instrument :

BNA_F

ClientSampleId :

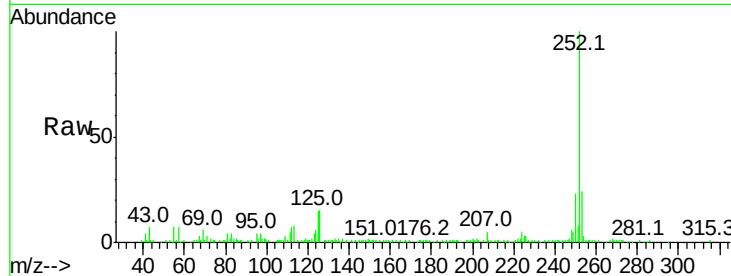
Tot Ion:252 Resp: 128185

Ion Ratio Lower Upper

252 100

253 23.7 18.1 27.1

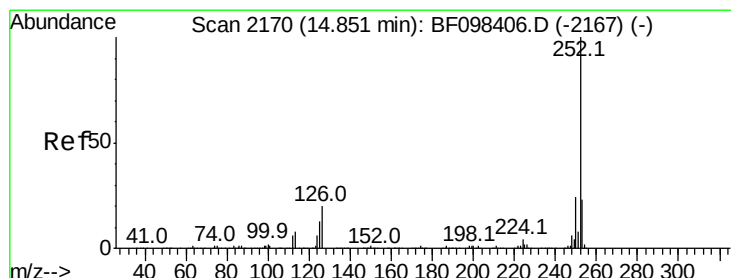
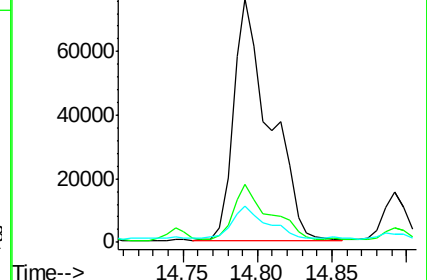
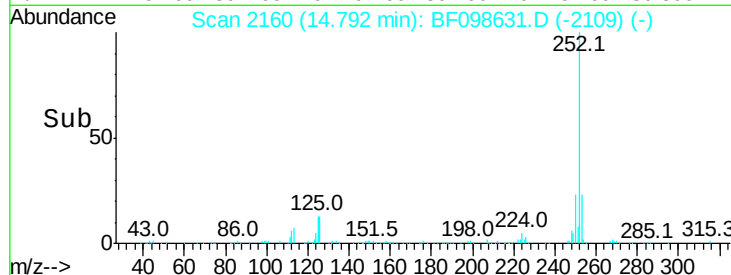
125 14.9 9.8 14.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 8.291 ng

RT: 14.79 min Scan# 2160

Delta R.T. -0.02 min

Lab File: BF098631.D

Acq: 19 Sep 2017 5:30

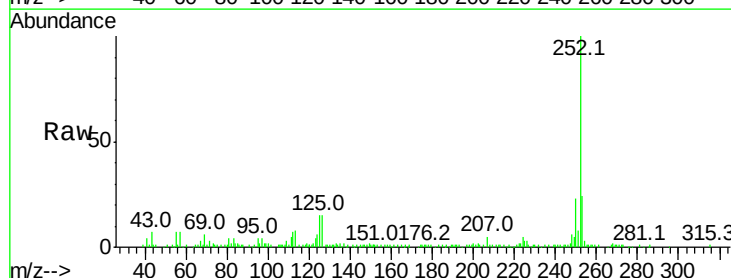
Tgt Ion:252 Resp: 128185

Ion Ratio Lower Upper

252 100

253 23.7 18.4 27.6

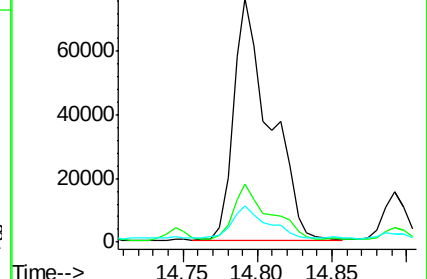
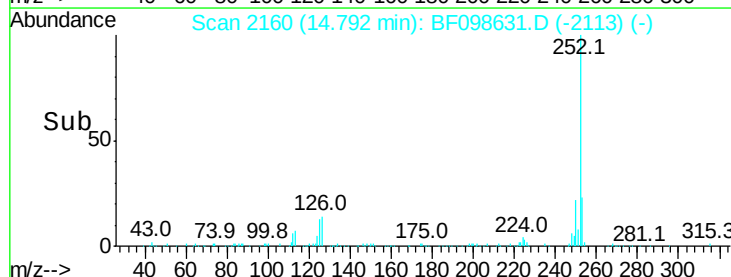
125 14.9 13.1 19.7

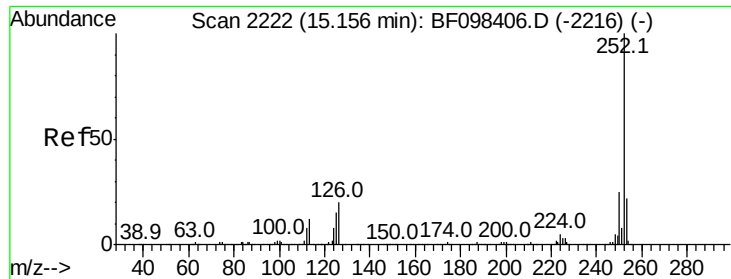


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

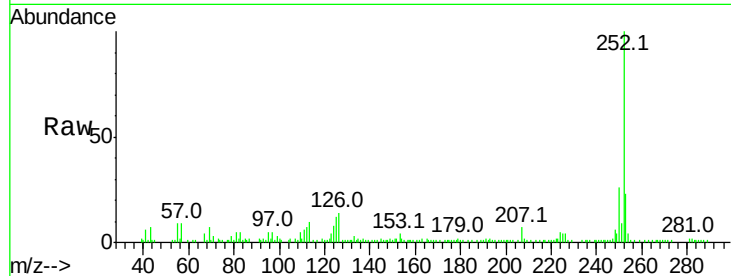




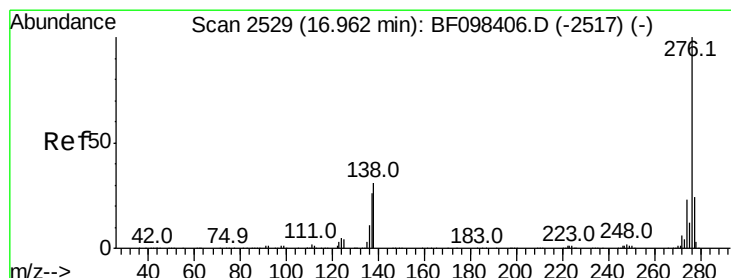
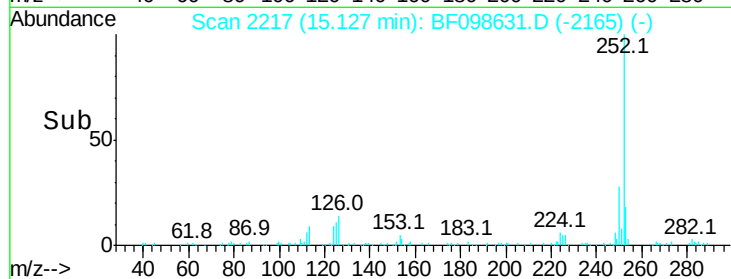
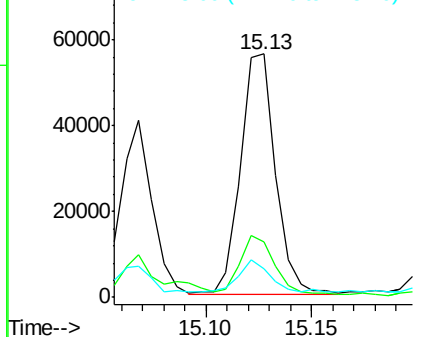
#89
Benzo(a)pyrene
Concen: 4.395 ng
RT: 15.13 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BF098631.D
Acq: 19 Sep 2017 5:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.5	26.3
125	11.6	11.0	16.4

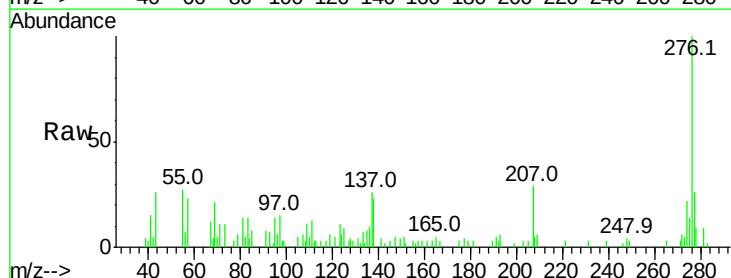


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#91
Benzo(g,h,i)perylene
Concen: 2.627 ng
RT: 16.92 min Scan# 2522
Delta R.T. 0.01 min
Lab File: BF098631.D
Acq: 19 Sep 2017 5:30

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.2	18.6	28.0
138	22.6	25.4	38.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

