

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082417\
 Data File : BF098014.D
 Acq On : 24 Aug 2017 20:58
 Operator : SJ/JU
 Sample : I4925-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RWB-8

Quant Time: Aug 25 01:02:46 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

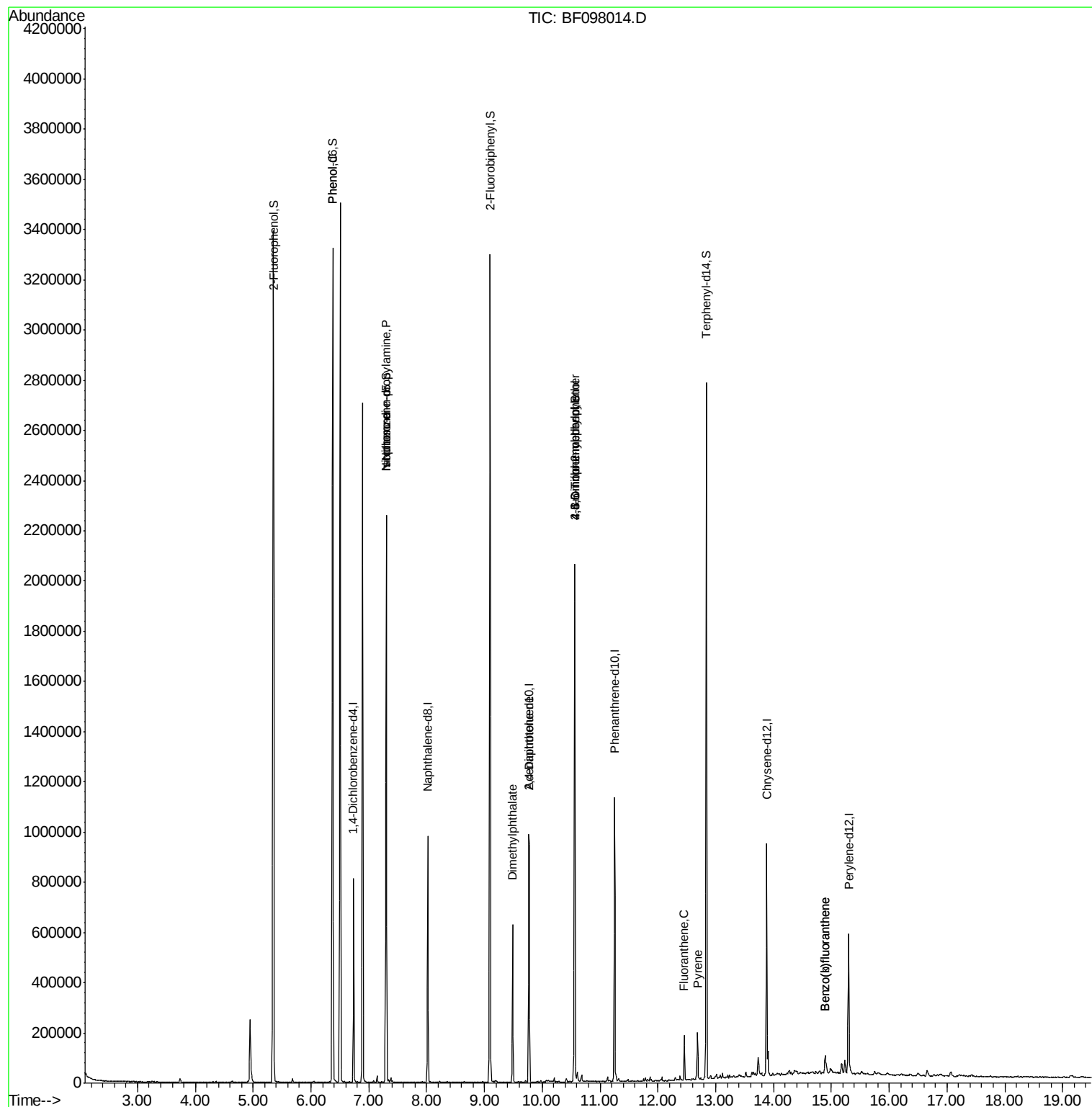
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	116251	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	455249	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	195143	20.00	ng	-0.02
63) Phenanthrene-d10	11.25	188	375527	20.00	ng	-0.01
75) Chrysene-d12	13.88	240	277064	20.00	ng	-0.02
86) Perylene-d12	15.30	264	236757	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1144689	149.78	ng	0.00
7) Phenol-d6	6.38	99	1547043	148.98	ng	0.00
23) Nitrobenzene-d5	7.30	82	886987	105.84	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	265864	157.02	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	1060683	79.86	ng	-0.01
78) Terphenyl-d14	12.84	244	855007	64.35	ng	-0.01
Target Compounds						
10) Phenol	6.39	94	37041	3.05	ng	Qvalue 98
19) n-Nitroso-di-n-propylamine	7.30	70	118724	16.70	ng	# 72
25) Isophorone	7.30	82	864916	49.64	ng	# 67
49) Dimethylphthalate	9.49	163	227927	15.98	ng	98
56) 2,4-Dinitrotoluene	9.77	165	24841	6.95	ng	# 34
64) 4,6-Dinitro-2-methylphenol	10.56	198	555	8.58	ng	# 1
66) 4-Bromophenyl-phenylether	10.56	248	17321	4.44	ng	# 1
74) Fluoranthene	12.46	202	66833	3.20	ng	99
77) Pyrene	12.69	202	67752	2.99	ng	97
87) Benzo(b)fluoranthene	14.89	252	47365	3.17	ng	97
88) Benzo(k)fluoranthene	14.89	252	47365	3.38	ng	97

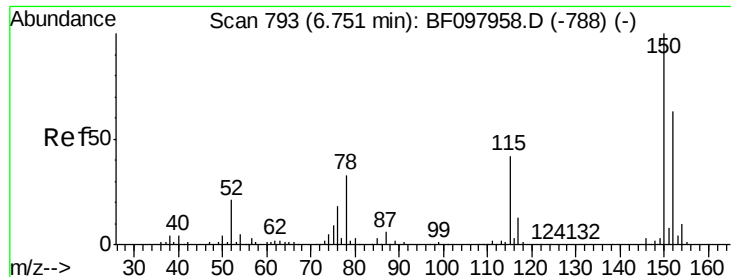
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082417\
Data File : BF098014.D
Acq On : 24 Aug 2017 20:58
Operator : SJ/JU
Sample : I4925-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RWB-8

Quant Time: Aug 25 01:02:46 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 21 15:59:04 2017
Response via : Initial Calibration



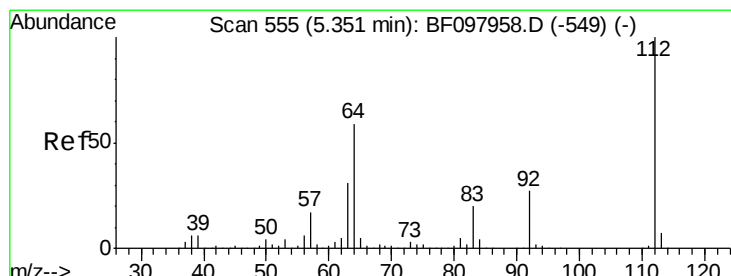
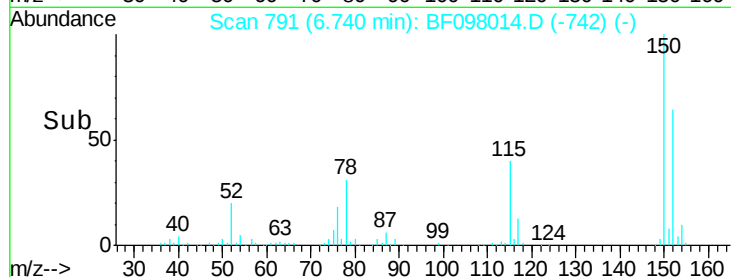
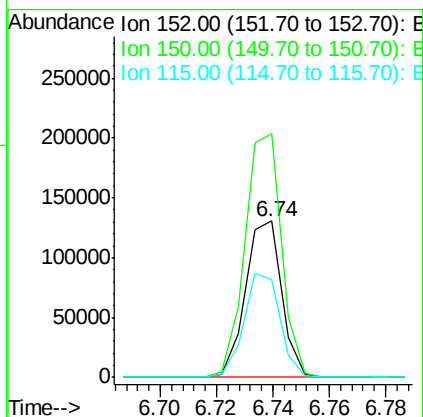
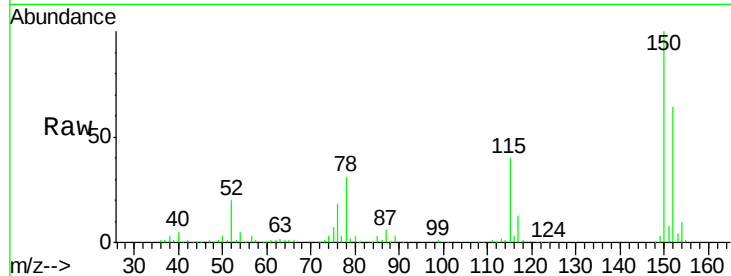


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF098014.D
Acq: 24 Aug 2017 20:58

Instrument :
BNA_F
ClientSampleId :
RWB-8

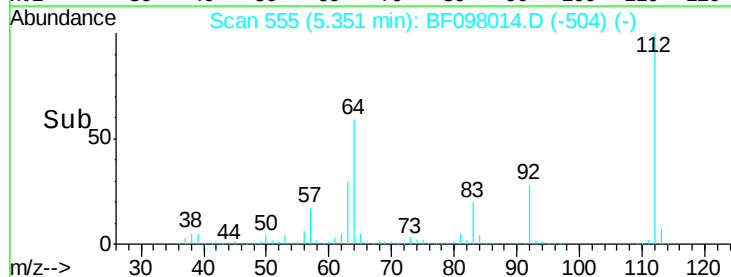
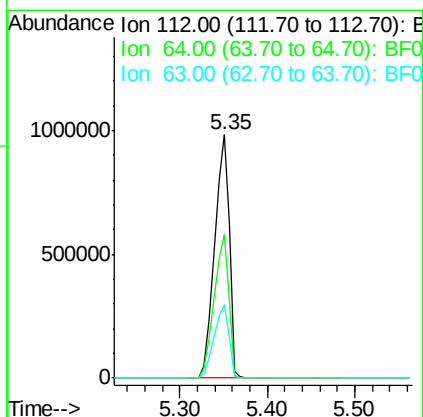
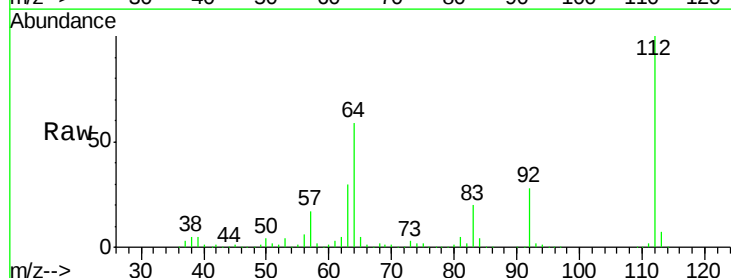
Tot Ion:152 Resp: 116251
Ion Ratio Lower Upper
152 100
150 156.0 126.2 189.2
115 62.3 52.2 78.2

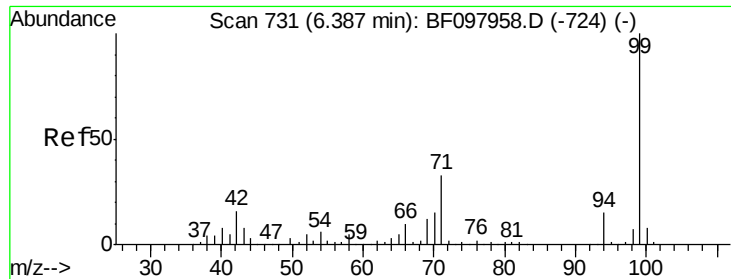


#5

2-Fluorophenol
Concen: 149.78 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF098014.D
Acq: 24 Aug 2017 20:58

Tgt Ion:112 Resp: 1144689
Ion Ratio Lower Upper
112 100
64 59.2 46.0 69.0
63 29.9 23.4 35.0





#7

Phenol-d6

Concen: 148.98 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF098014.D

Acq: 24 Aug 2017 20:58

Instrument :

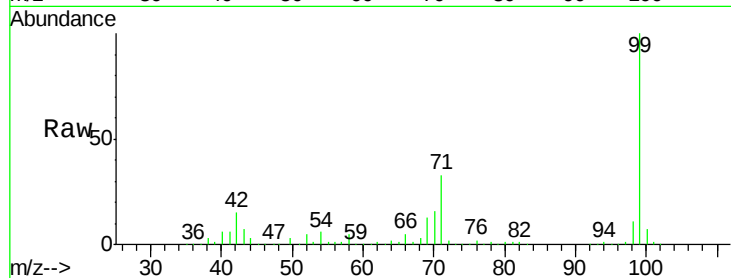
BNA_F

ClientSampleId :

RWB-8

Tot Ion: 99 Resp: 1547043

Ion	Ratio	Lower	Upper
99	100		
42	15.3	13.5	20.3
71	32.9	24.5	36.7

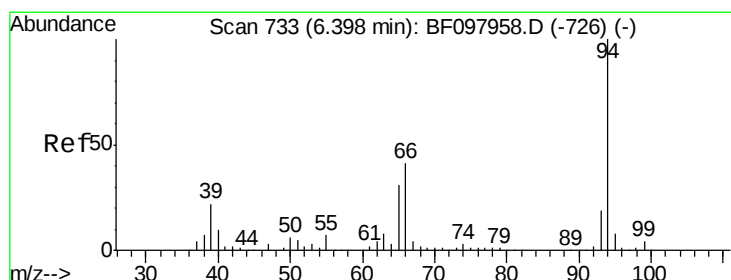
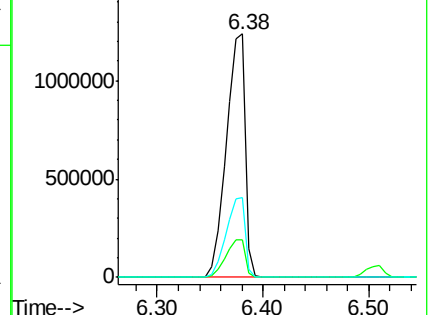
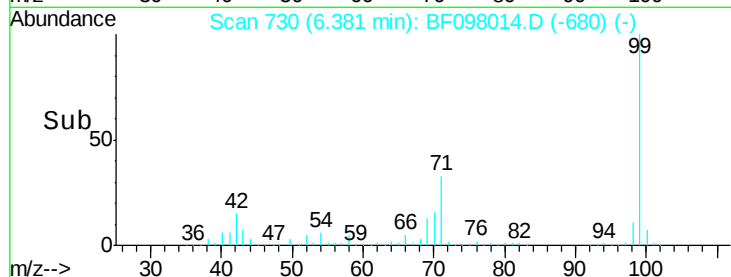


Abundance

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



#10

Phenol

Concen: 3.05 ng

RT: 6.39 min Scan# 731

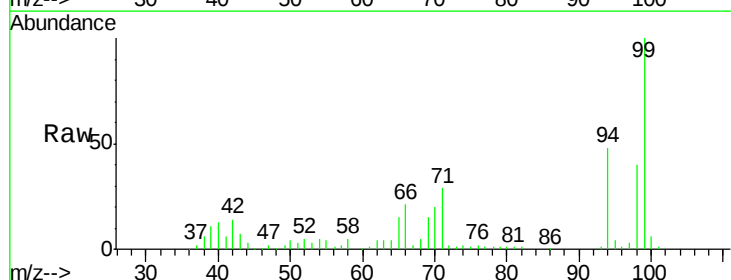
Delta R.T. -0.01 min

Lab File: BF098014.D

Acq: 24 Aug 2017 20:58

Tgt Ion: 94 Resp: 37041

Ion	Ratio	Lower	Upper
94	100		
65	30.9	9.9	49.9
66	44.4	23.1	63.1

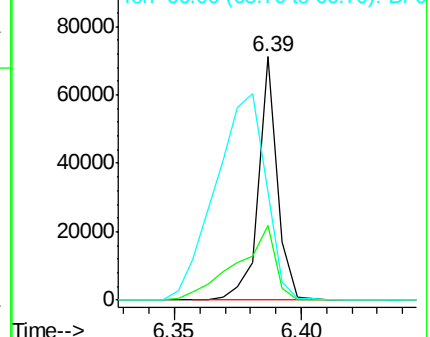
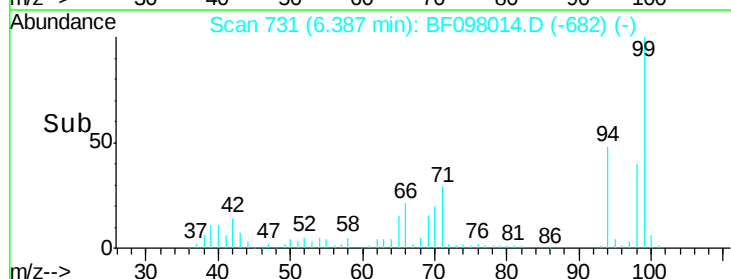


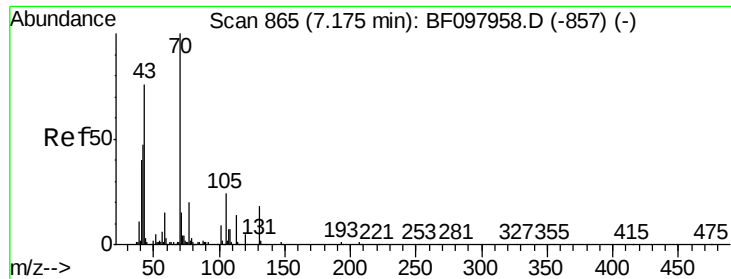
Abundance

Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

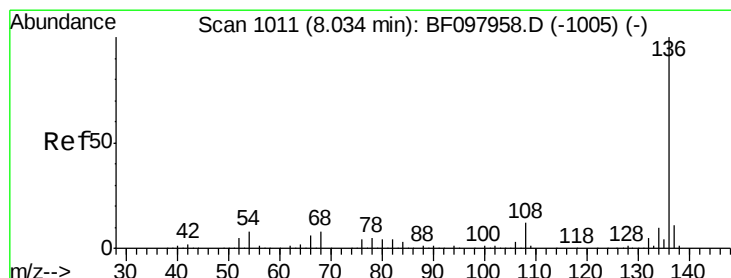
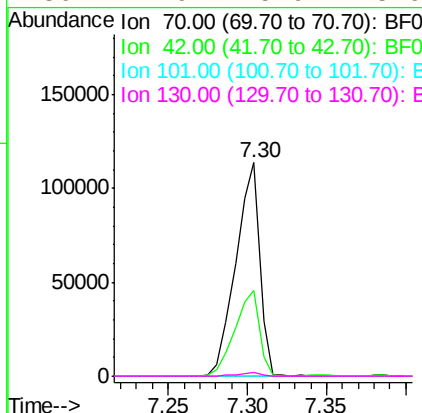
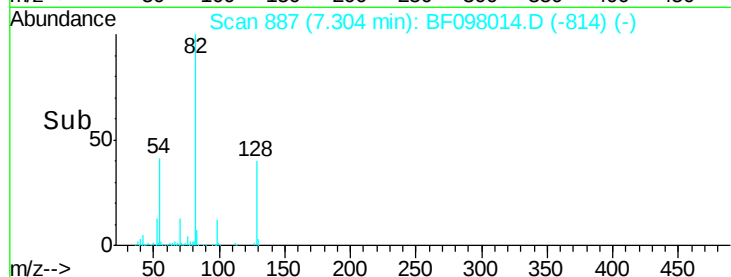
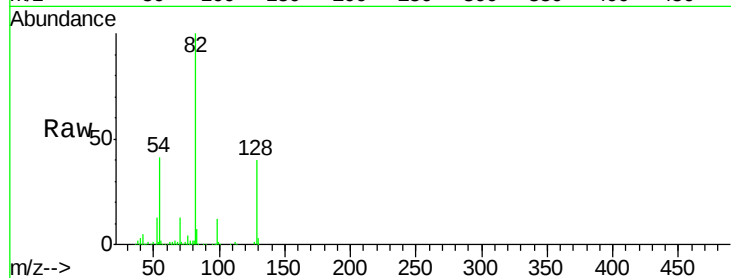




#19
n-Nitroso-di-n-propylamine
Concen: 16.70 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.13 min
Lab File: BF098014.D
Acq: 24 Aug 2017 20:58

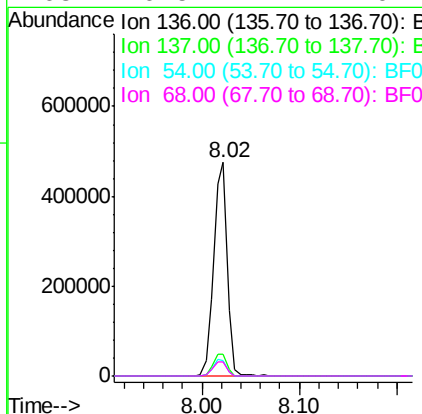
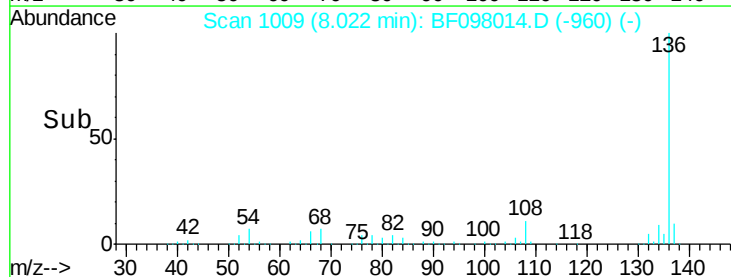
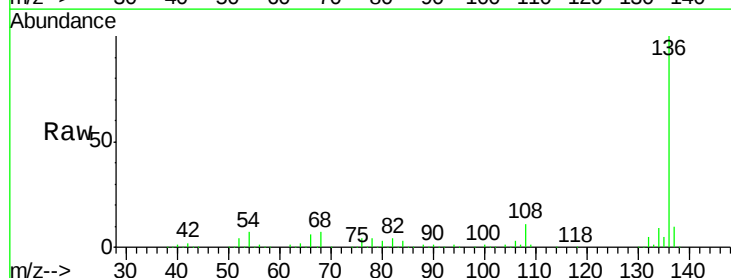
Instrument :
BNA_F
ClientSampleId :
RWB-8

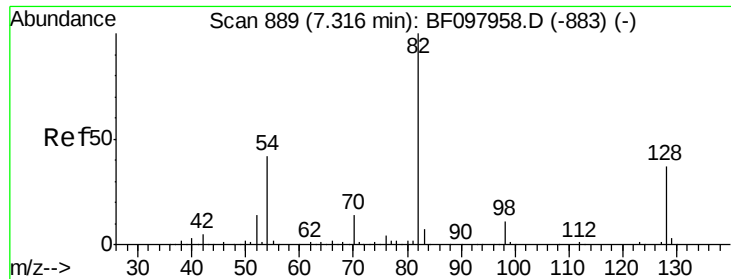
Tot Ion: 70 Resp: 118724
Ion Ratio Lower Upper
70 100
42 40.2 47.2 70.8#
101 0.0 7.2 10.8#
130 1.9 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF098014.D
Acq: 24 Aug 2017 20:58

Tgt Ion: 136 Resp: 455249
Ion Ratio Lower Upper
136 100
137 10.5 8.5 12.7
54 7.0 4.9 7.3
68 6.5 4.1 6.1#

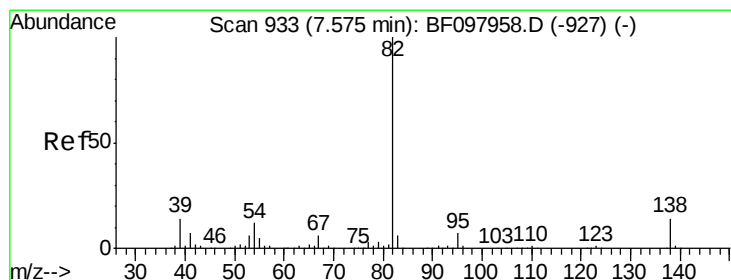
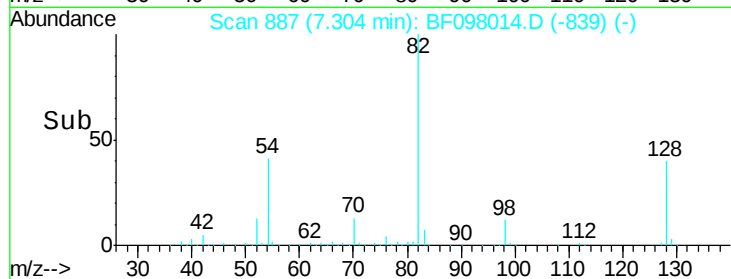
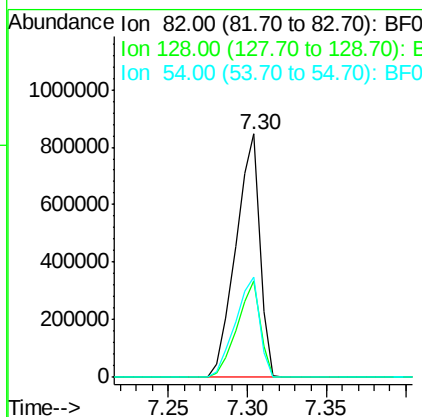
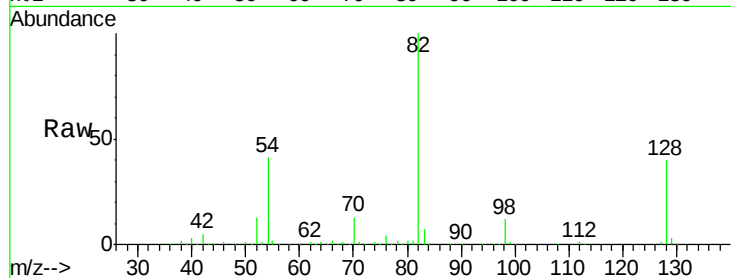




#23
 Nitrobenzene-d5
 Concen: 105.84 ng
 RT: 7.30 min Scan# 887
 Delta R.T. -0.02 min
 Lab File: BF098014.D
 Acq: 24 Aug 2017 20:58

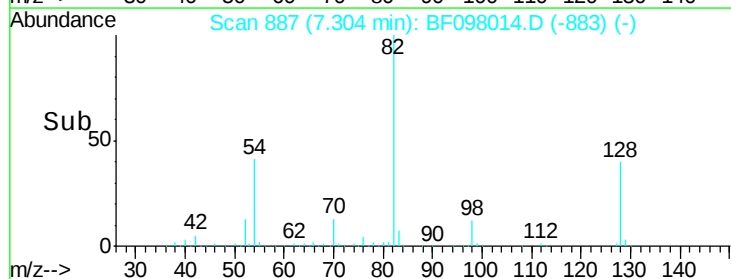
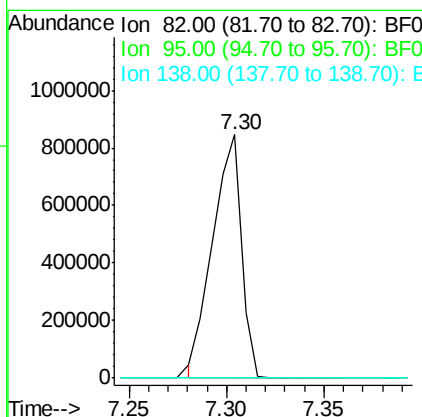
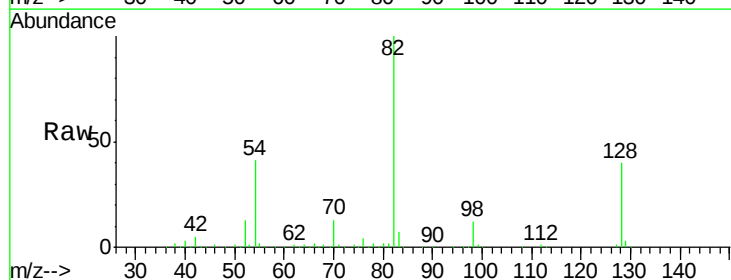
Instrument :
 BNA_F
 ClientSampleId :
 RWB-8

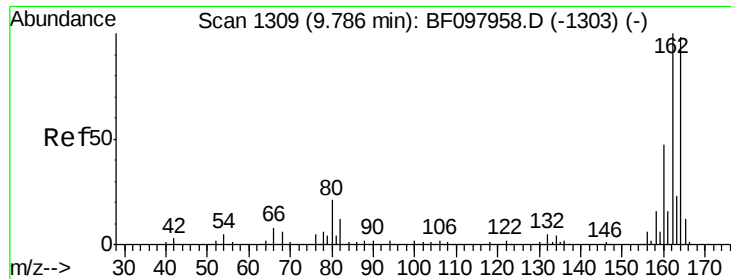
Tot Ion	Ratio	Lower	Upper
82	100		
128	39.7	34.0	51.0
54	41.3	42.2	63.2#



#25
 Isophorone
 Concen: 49.64 ng
 RT: 7.30 min Scan# 887
 Delta R.T. -0.28 min
 Lab File: BF098014.D
 Acq: 24 Aug 2017 20:58

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.02 min

Lab File: BF098014.D

Acq: 24 Aug 2017 20:58

Instrument :

BNA_F

ClientSampleId :

RWB-8

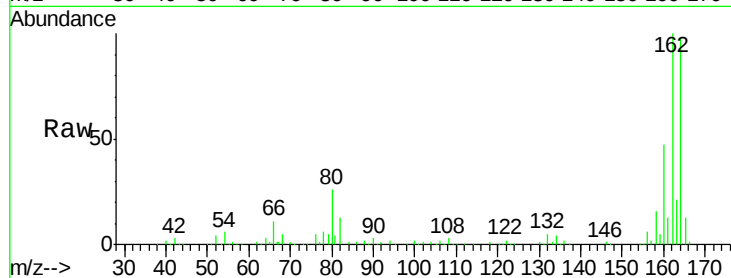
Tot Ion:164 Resp: 195143

Ion Ratio Lower Upper

164 100

162 102.4 82.6 123.8

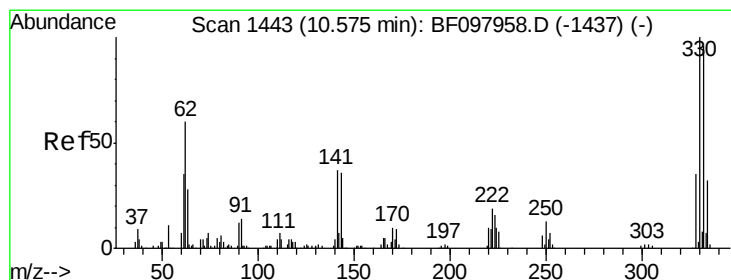
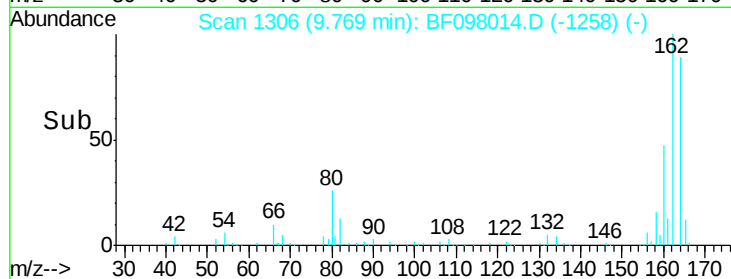
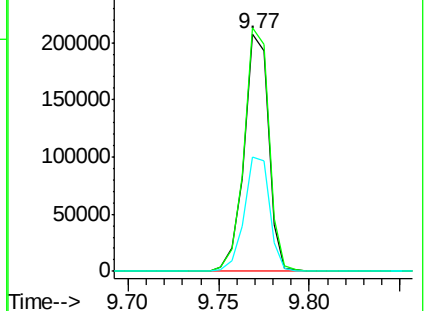
160 48.0 36.2 54.2



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: 157.02 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BF098014.D

Acq: 24 Aug 2017 20:58

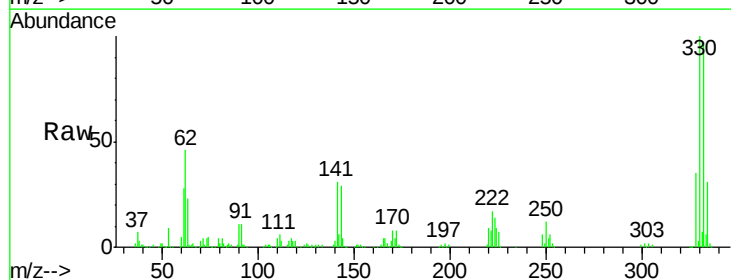
Tgt Ion:330 Resp: 265864

Ion Ratio Lower Upper

330 100

332 95.5 76.6 115.0

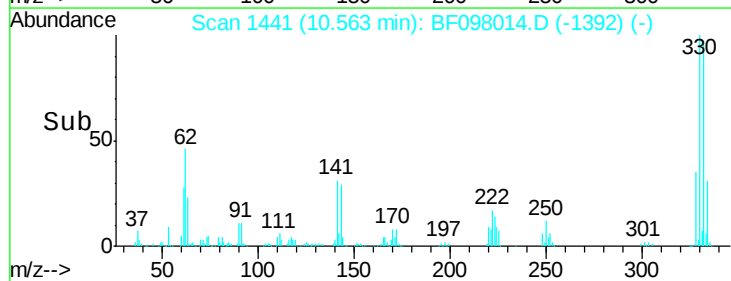
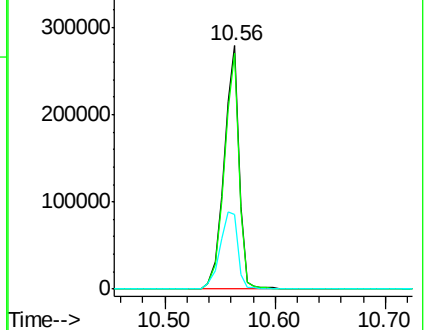
141 37.7 31.4 47.2

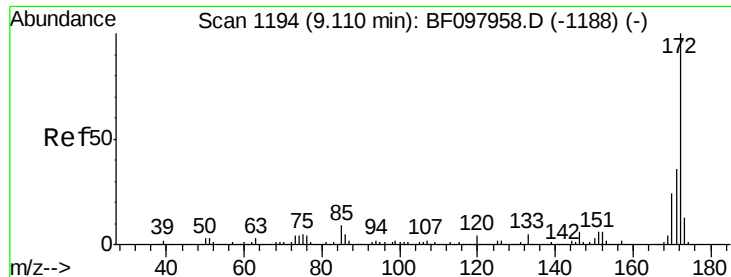


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

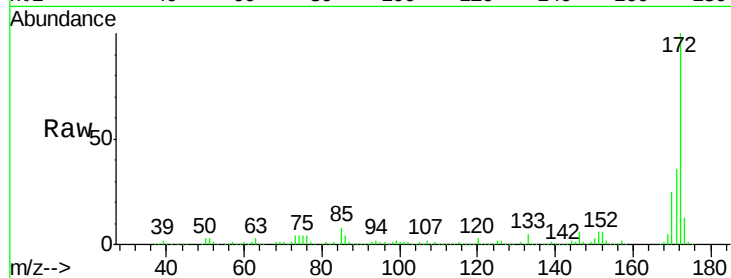




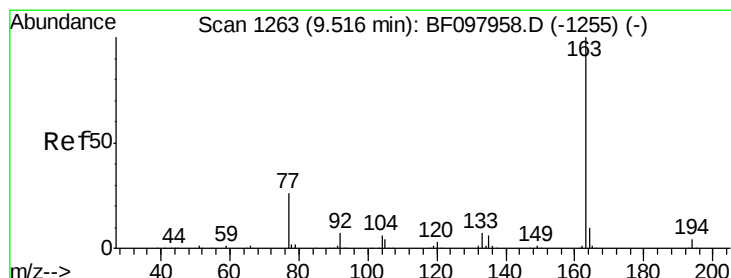
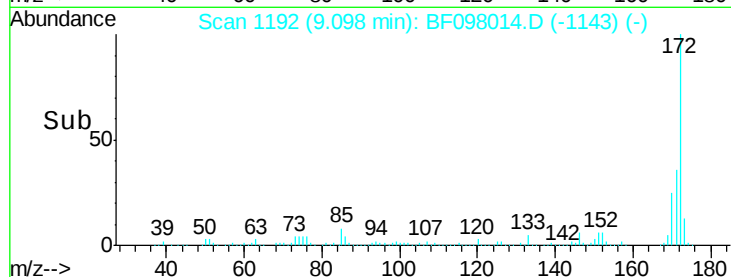
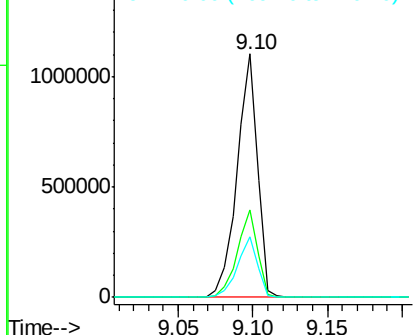
#44
2-Fluorobiphenyl
Concen: 79.86 ng
RT: 9.10 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BF098014.D
Acq: 24 Aug 2017 20:58

Instrument :
BNA_F
ClientSampled :
RWB-8

Tot Ion:172 Resp: 1060683
Ion Ratio Lower Upper
172 100
171 35.9 29.6 44.4
170 24.8 19.8 29.8

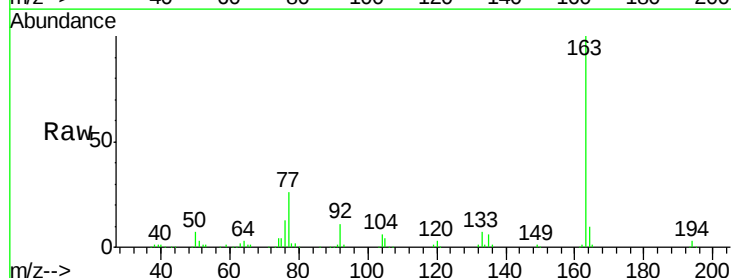


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

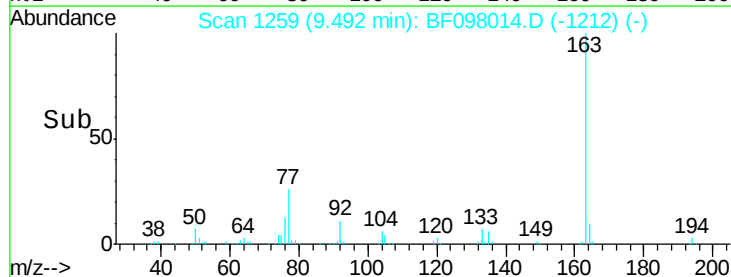
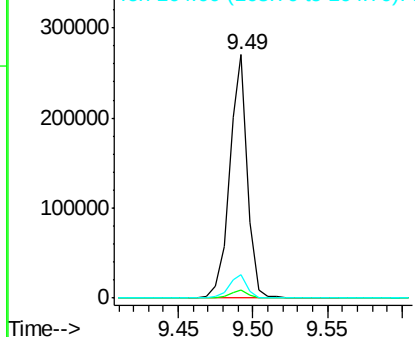


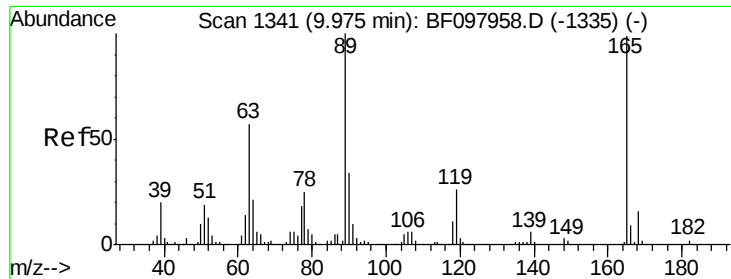
#49
Dimethylphthalate
Concen: 15.98 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF098014.D
Acq: 24 Aug 2017 20:58

Tgt Ion:163 Resp: 227927
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 9.8 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

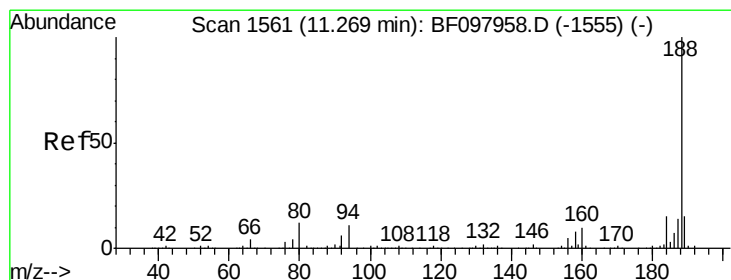
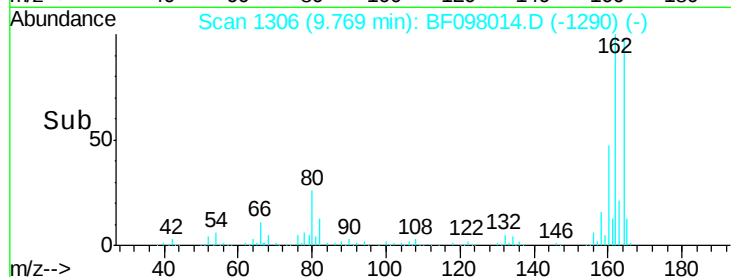
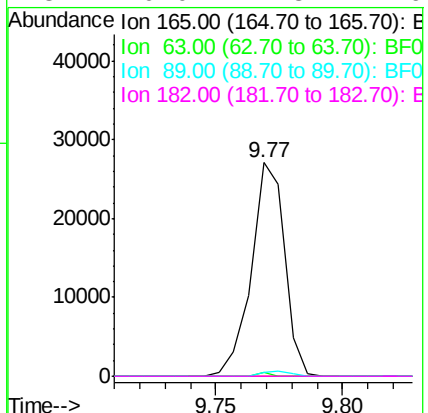
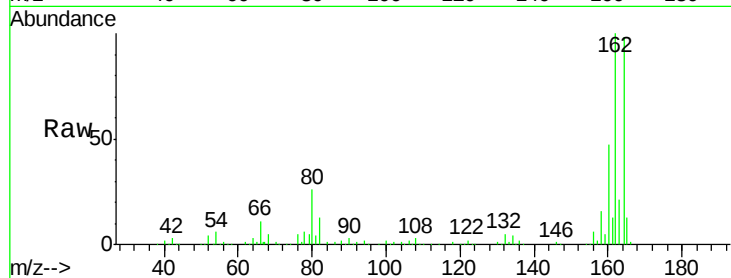




#56
 2,4-Dinitrotoluene
 Concen: 6.95 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.21 min
 Lab File: BF098014.D
 Acq: 24 Aug 2017 20:58

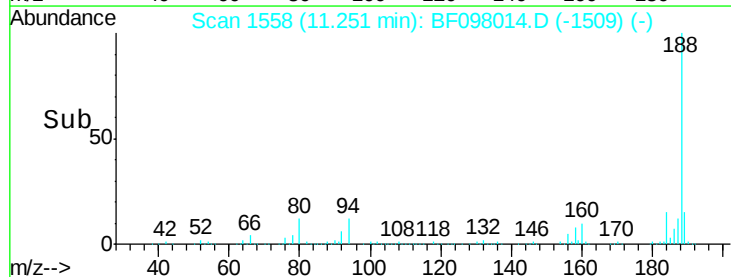
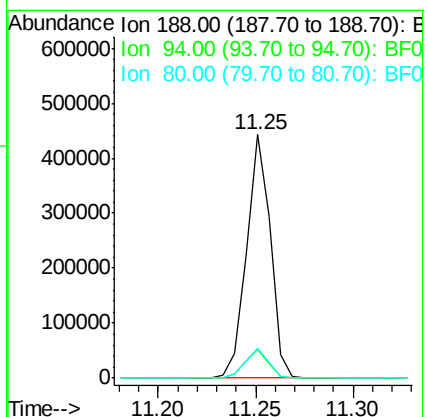
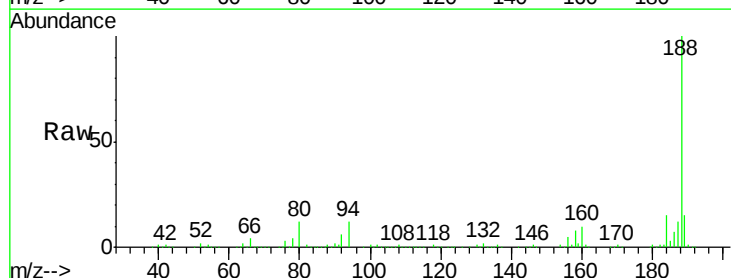
Instrument :
 BNA_F
 ClientSampleId :
 RWB-8

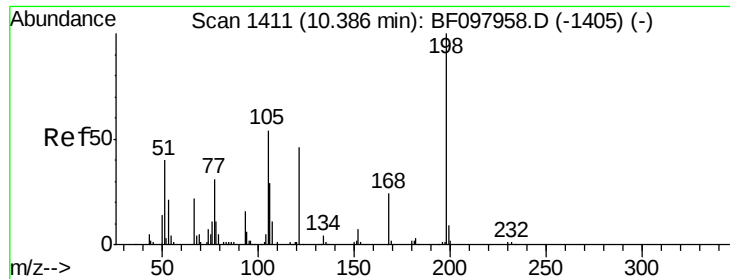
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	25.4	38.0#
89	2.0	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.25 min Scan# 1558
 Delta R.T. -0.01 min
 Lab File: BF098014.D
 Acq: 24 Aug 2017 20:58

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.7	9.4	14.2
80	12.4	10.2	15.2

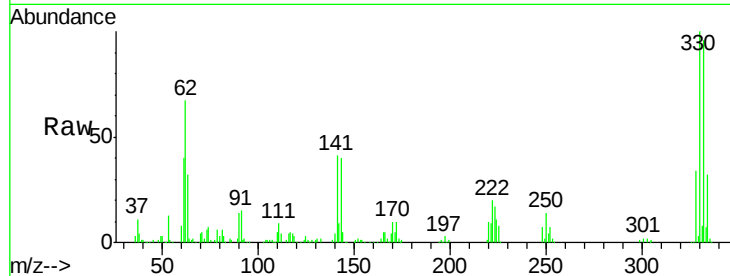




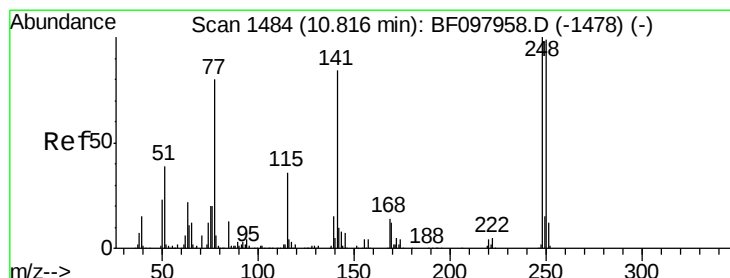
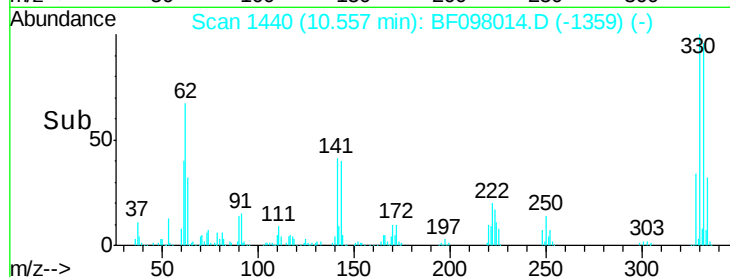
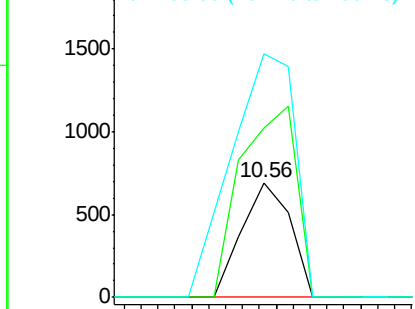
#64
4,6-Dinitro-2-methylphenol
Concen: 8.58 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.18 min
Lab File: BF098014.D
Acq: 24 Aug 2017 20:58

Instrument :
BNA_F
ClientSampleId :
RWB-8

Tot Ion:198 Resp: 555
Ion Ratio Lower Upper
198 100
51 147.8 53.2 93.2#
105 212.3 45.8 85.8#

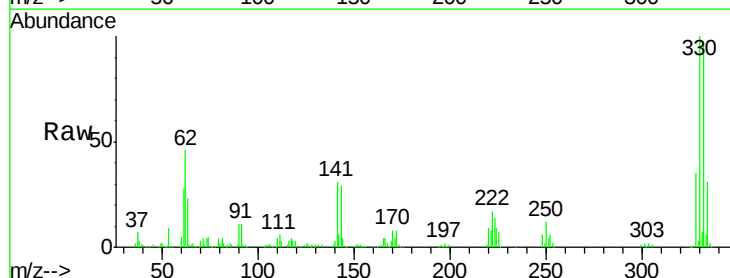


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

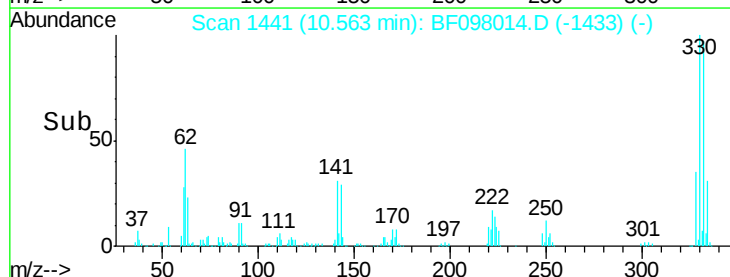
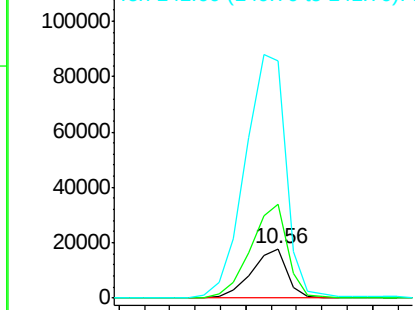


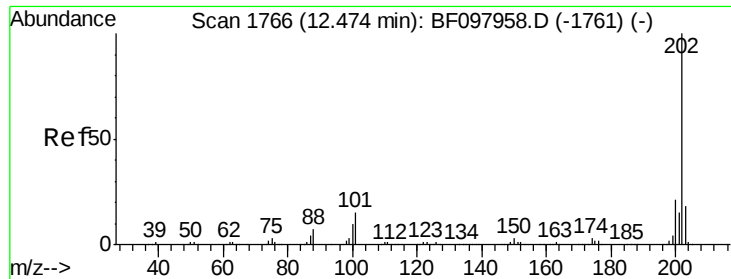
#66
4-Bromophenyl-phenylether
Concen: 4.44 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.25 min
Lab File: BF098014.D
Acq: 24 Aug 2017 20:58

Tgt Ion:248 Resp: 17321
Ion Ratio Lower Upper
248 100
250 192.2 76.8 115.2#
141 484.5 68.6 103.0#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

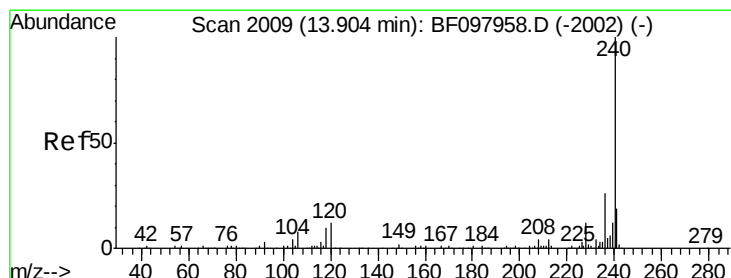
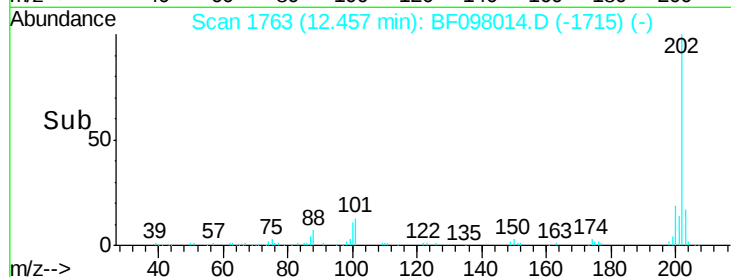
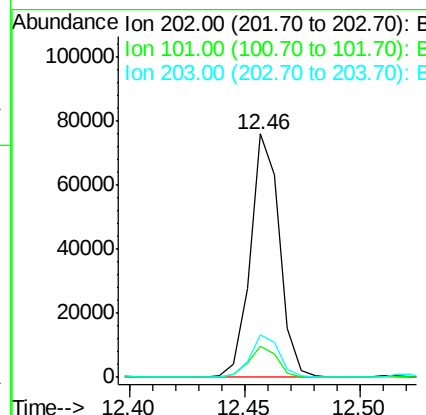
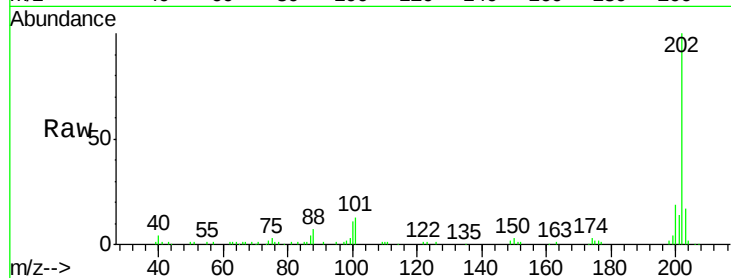




#74
Fluoranthene
Concen: 3.20 ng
RT: 12.46 min Scan# 1763
Delta R.T. -0.02 min
Lab File: BF098014.D
Acq: 24 Aug 2017 20:58

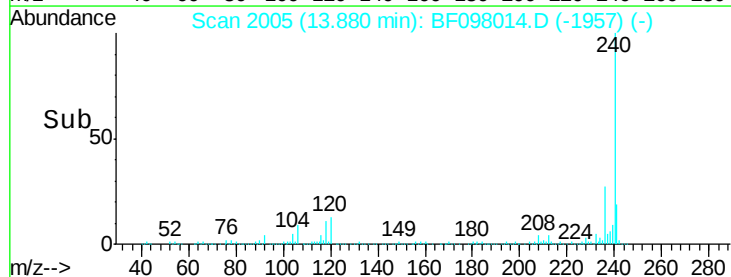
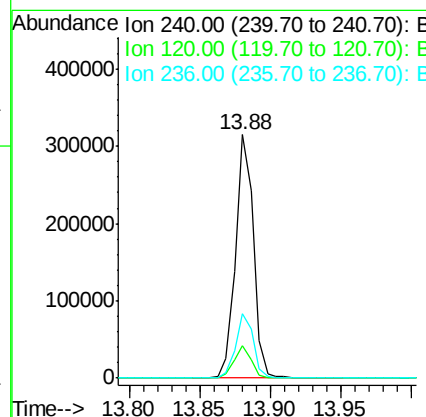
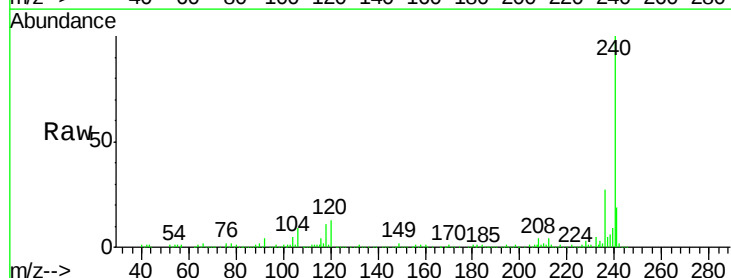
Instrument :
BNA_F
ClientSampleId :
RWB-8

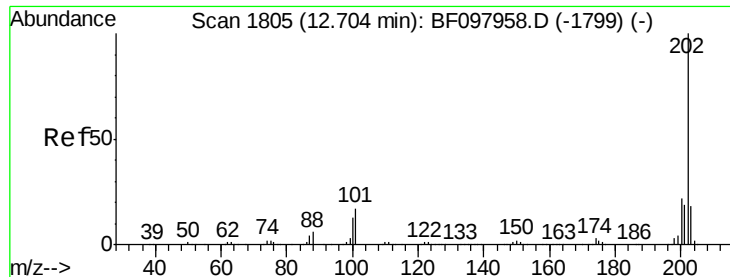
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	33.2
203	17.3	0.0	38.1



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.02 min
Lab File: BF098014.D
Acq: 24 Aug 2017 20:58

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.1	5.8	8.8#
236	26.5	20.5	30.7

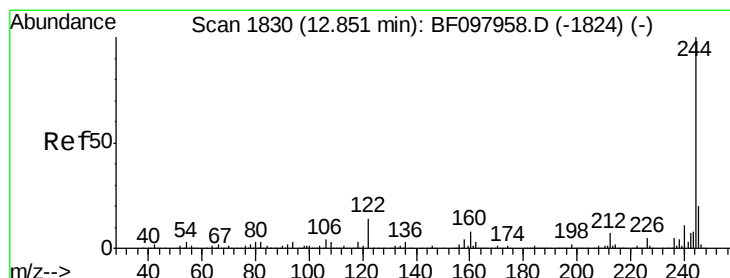
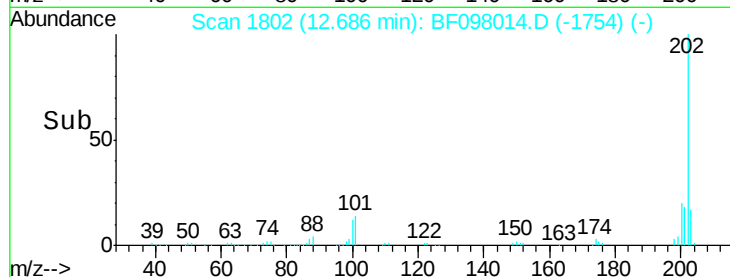
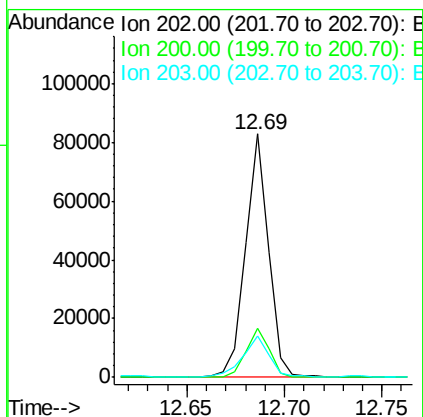
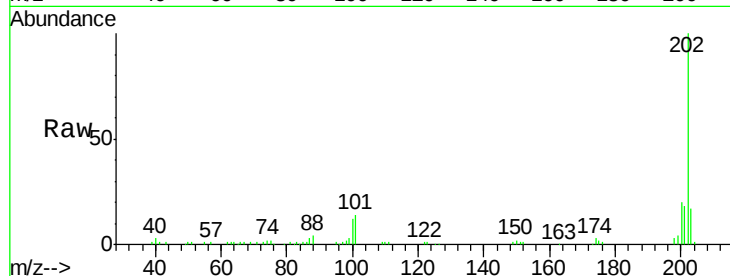




#77
Pvrene
Concen: 2.99 ng
RT: 12.69 min Scan# 1802
Delta R.T. -0.02 min
Lab File: BF098014.D
Acq: 24 Aug 2017 20:58

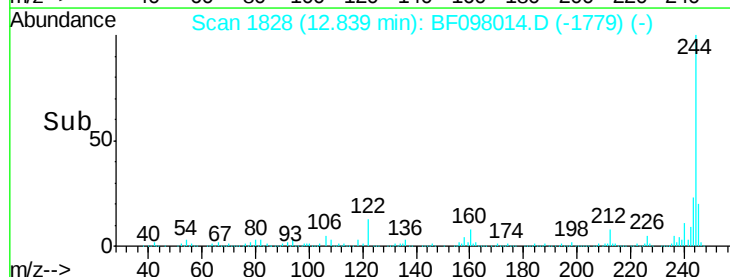
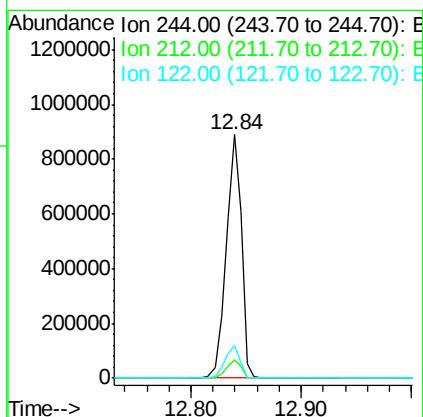
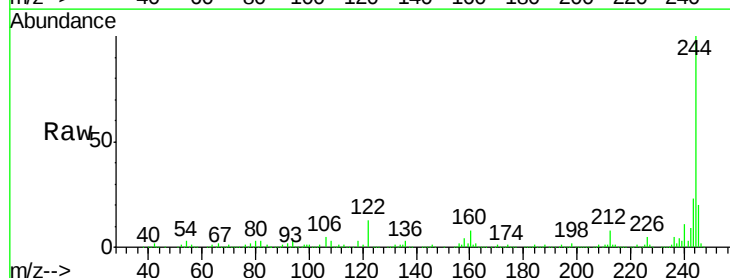
Instrument :
BNA_F
ClientSampled :
RWB-8

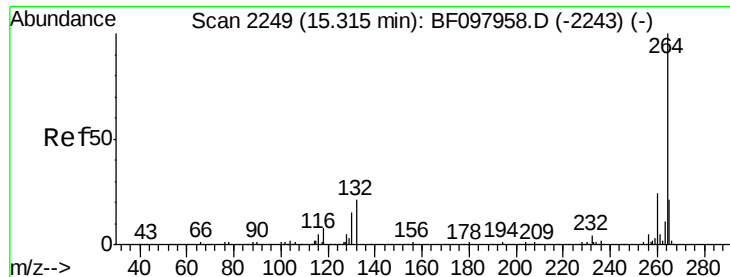
Tot Ion	Ratio	Lower	Upper
202	100		
200	20.0	17.6	26.4
203	16.9	14.4	21.6



#78
Terphenyl-d14
Concen: 64.35 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BF098014.D
Acq: 24 Aug 2017 20:58

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.0	9.0
122	13.4	10.3	15.5

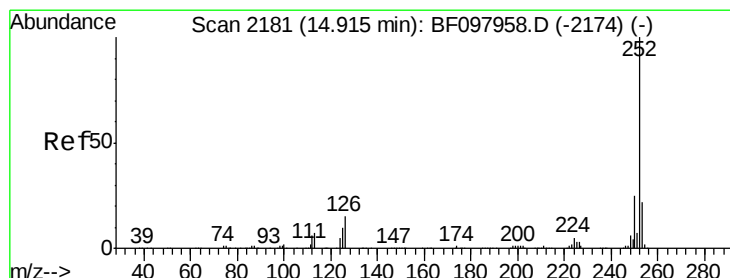
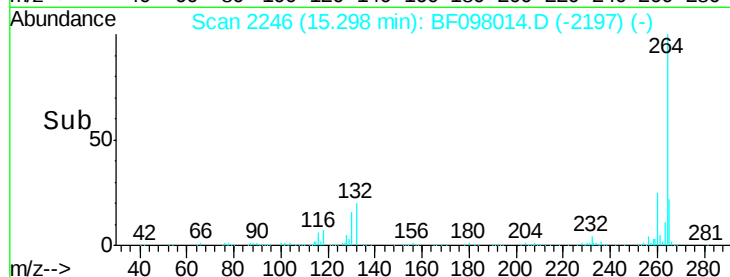
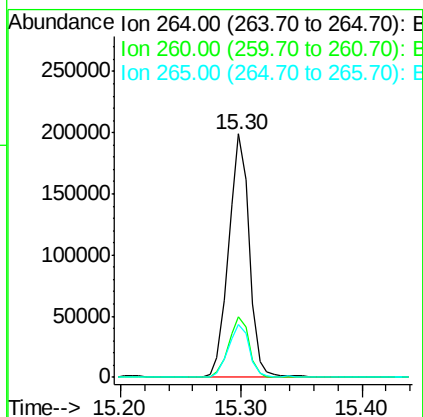
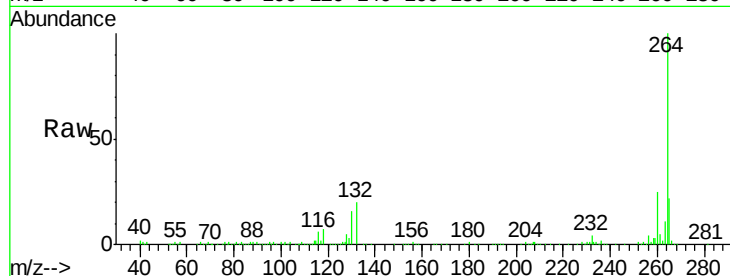




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BF098014.D
Acq: 24 Aug 2017 20:58

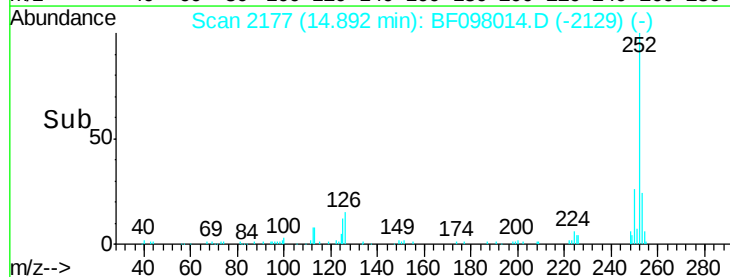
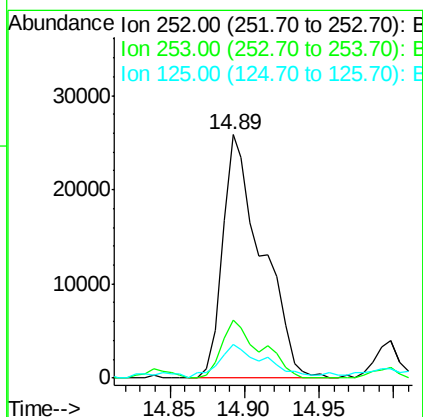
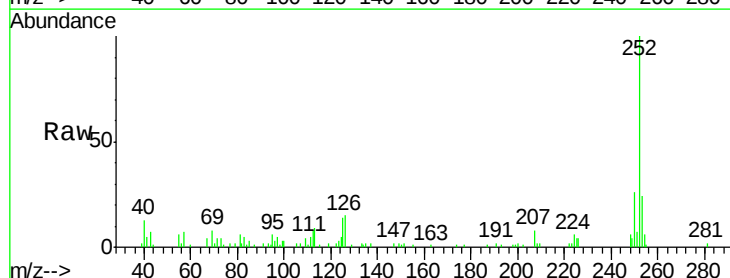
Instrument :
BNA_F
ClientSampled :
RWB-8

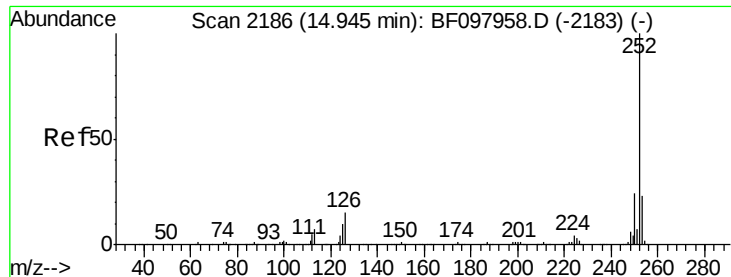
Tot Ion:264 Resp: 236757
Ion Ratio Lower Upper
264 100
260 24.8 19.5 29.3
265 21.7 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 3.17 ng
RT: 14.89 min Scan# 2177
Delta R.T. -0.02 min
Lab File: BF098014.D
Acq: 24 Aug 2017 20:58

Tgt Ion:252 Resp: 47365
Ion Ratio Lower Upper
252 100
253 23.7 18.1 27.1
125 13.8 9.8 14.8





#88
 Benzo(k)fluoranthene
 Concen: 3.38 ng
 RT: 14.89 min Scan# 2177
 Delta R.T. -0.05 min
 Lab File: BF098014.D
 Acq: 24 Aug 2017 20:58

Instrument :
 BNA_F
 ClientSampleId :
 RWB-8

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.4	27.6
125	13.8	13.1	19.7

