

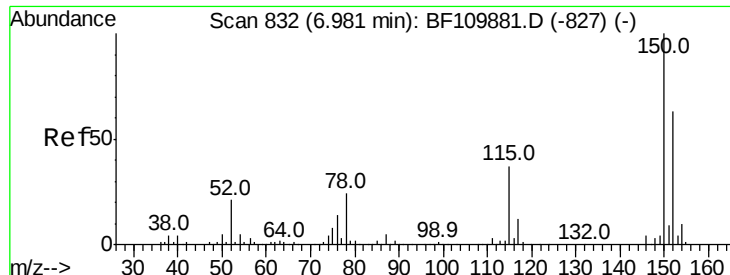
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101718\
 Data File : BF109918.D
 Acq On : 17 Oct 2018 12:26
 Operator : JU/SJ
 Sample : J5516-02RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 17 17:05:51 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	247108	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	982558	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	469711	20.00	ng	0.00
64) Phenanthrene-d10	11.52	188	883468	20.00	ng	0.00
76) Chrysene-d12	14.16	240	563239	20.00	ng	0.00
87) Perylene-d12	15.69	264	545625	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1283495	82.33	ng	0.00
7) Phenol-d6	6.59	99	1655915	85.54	ng	-0.01
23) Nitrobenzene-d5	7.54	82	1010095	69.25	ng	-0.01
42) 2,4,6-Tribromophenol	10.81	330	293744	72.23	ng	0.00
45) 2-Fluorobiphenyl	9.34	172	1762303	59.87	ng	0.00
79) Terphenyl-d14	13.10	244	1727820	64.42	ng	0.00
Target Compounds						
9) Benzaldehyde	6.75	77	28984	2.304	ng	81
19) n-Nitroso-di-n-propylamine	7.54	70	134183	10.796	ng	# 80
25) Isophorone	7.54	82	1010081	35.244	ng	# 67
50) Dimethylphthalate	9.73	163	209995	6.314	ng	99
57) 2,4-Dinitrotoluene	10.02	165	58916	11.261	ng	# 19
65) 4,6-Dinitro-2-methylphenol	10.81	198	673	8.080	ng	# 1
67) 4-Bromophenyl-phenylether	10.81	248	19225	2.008	ng	# 1

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

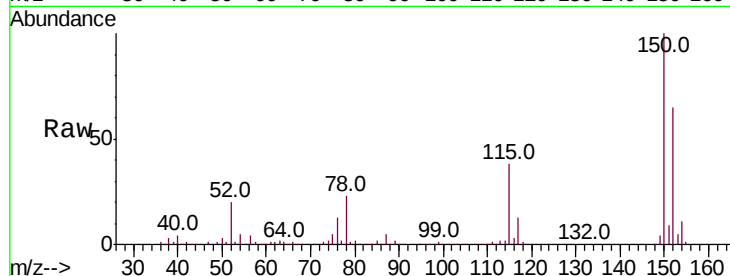


#1

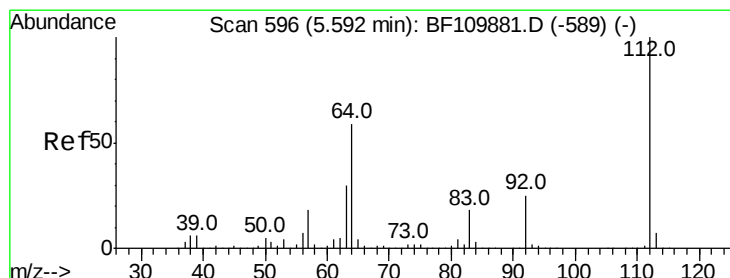
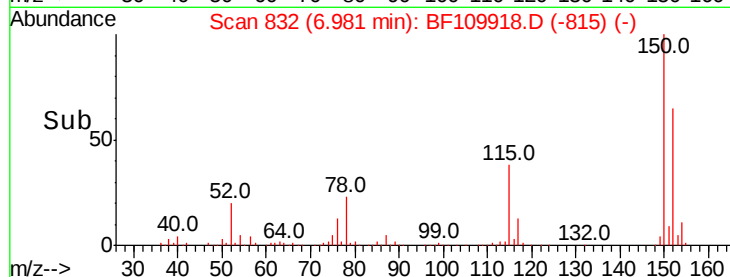
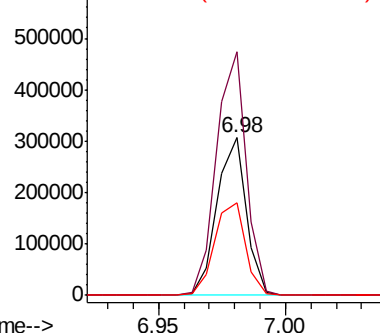
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF109918.D
Acq: 17 Oct 2018 12:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 247108
Ion Ratio Lower Upper
152 100
150 154.7 122.7 184.1
115 58.5 49.1 73.7



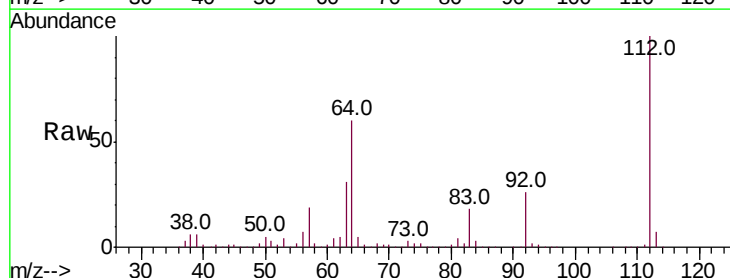
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



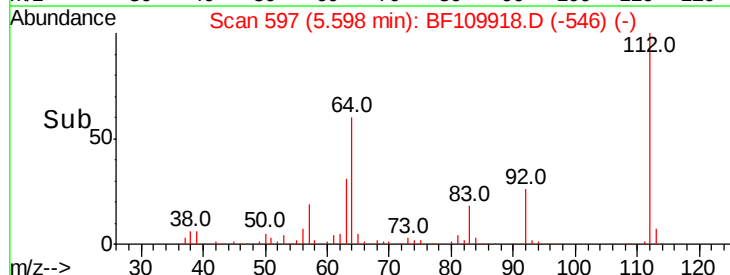
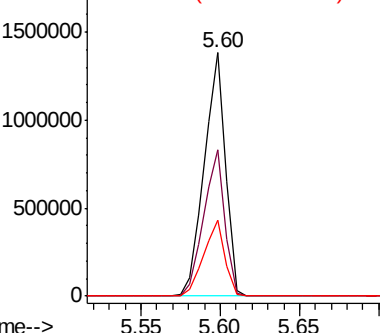
#5

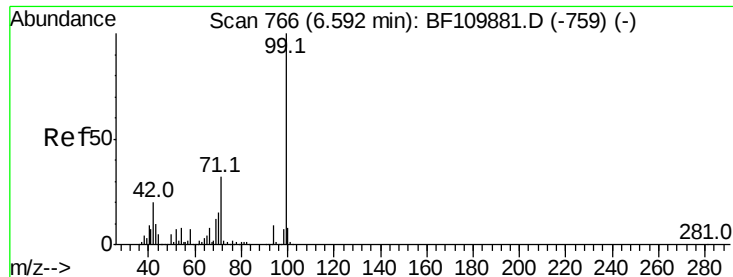
2-Fluorophenol
Concen: 82.333 ng
RT: 5.60 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF109918.D
Acq: 17 Oct 2018 12:26

Tgt Ion:112 Resp: 1283495
Ion Ratio Lower Upper
112 100
64 60.2 44.1 66.1
63 31.4 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 85.544 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF109918.D

Acq: 17 Oct 2018 12:26

Instrument :

BNA_F

ClientSampleId :

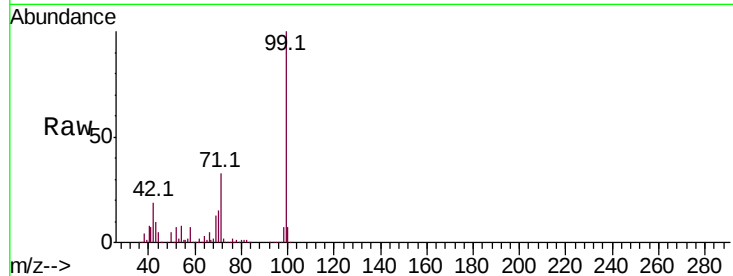
Tot Ion: 99 Resp: 1655915

Ion Ratio Lower Upper

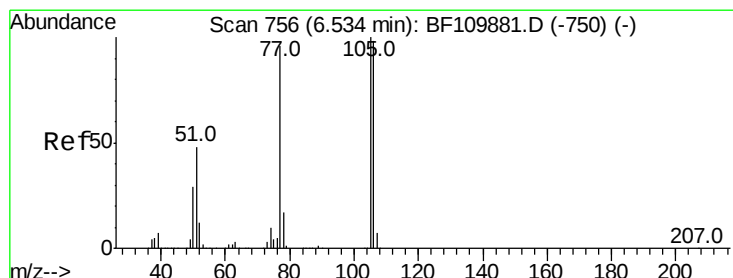
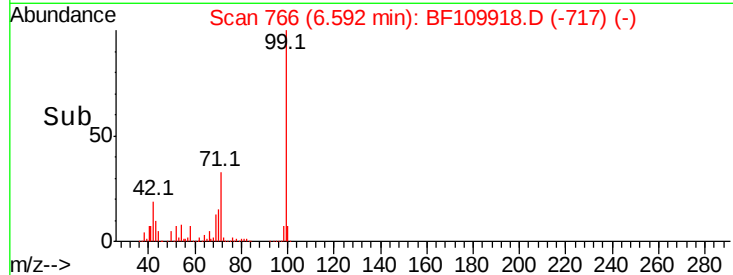
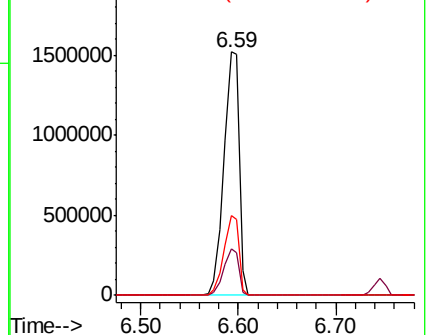
99 100

42 19.3 15.8 23.6

71 33.0 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#9

Benzaldehyde

Concen: 2.304 ng

RT: 6.75 min Scan# 792

Delta R.T. 0.21 min

Lab File: BF109918.D

Acq: 17 Oct 2018 12:26

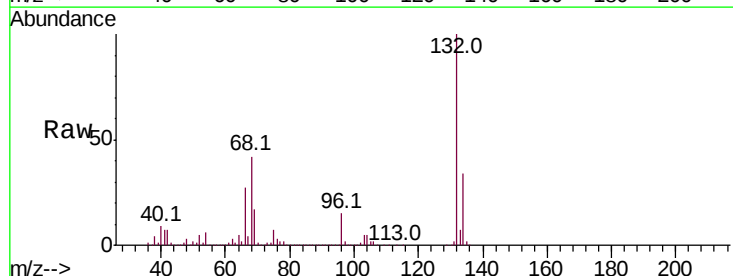
Tgt Ion: 77 Resp: 28984

Ion Ratio Lower Upper

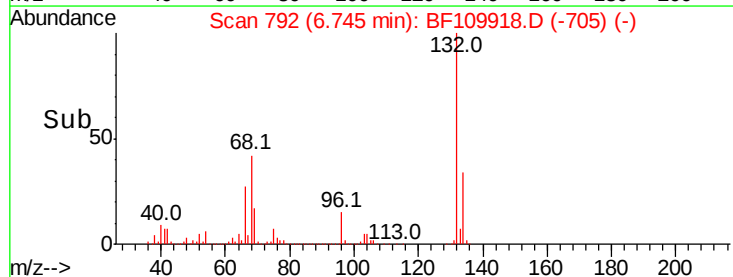
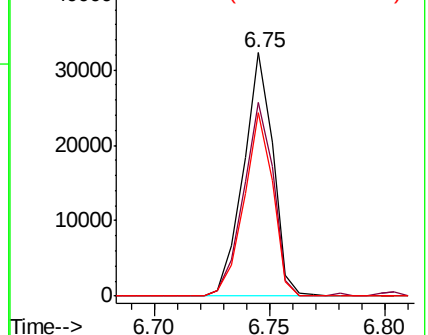
77 100

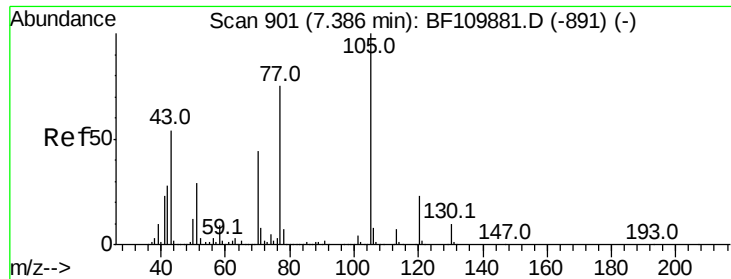
105 79.7 78.6 118.6

106 75.6 74.8 114.8



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

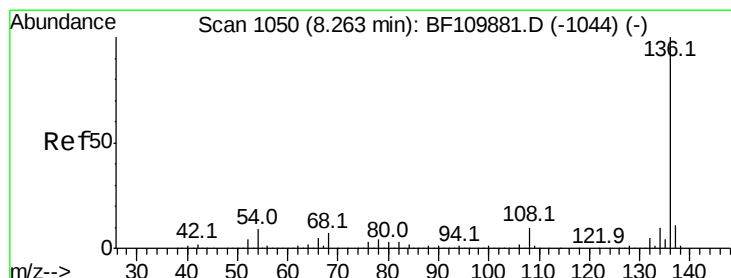
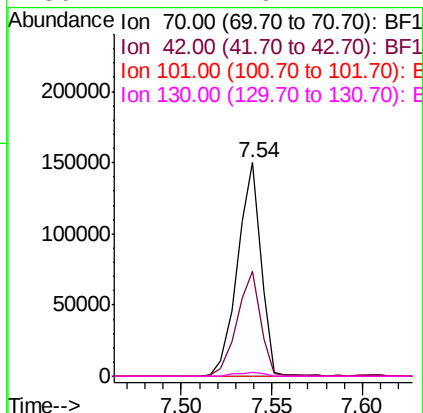
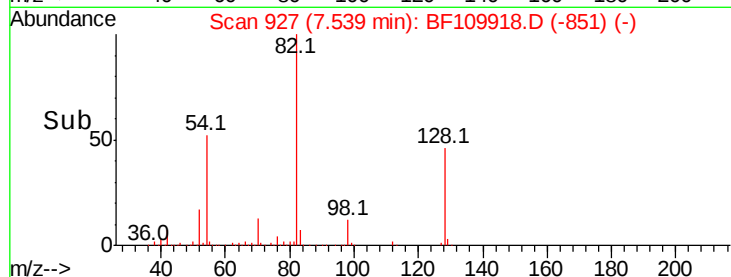
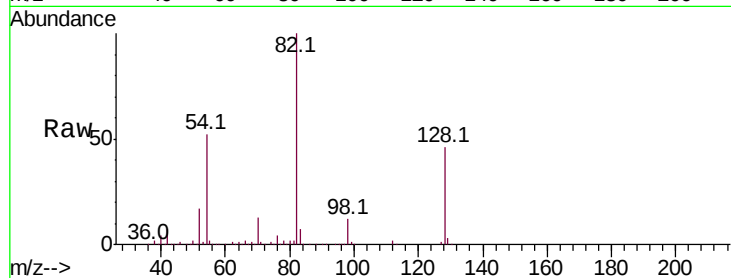




#19
n-Nitroso-di-n-propylamine
Concen: 10.796 ng
RT: 7.54 min Scan# 927
Delta R.T. 0.15 min
Lab File: BF109918.D
Acq: 17 Oct 2018 12:26

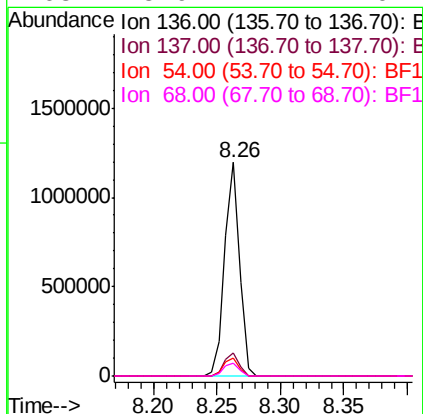
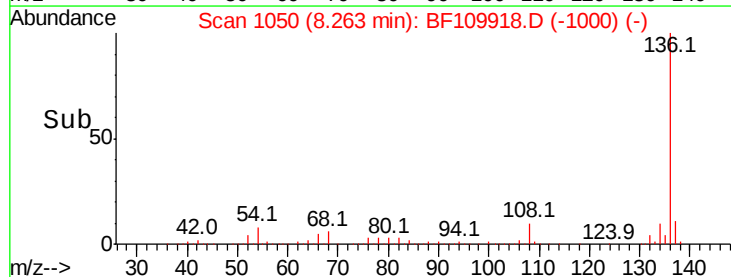
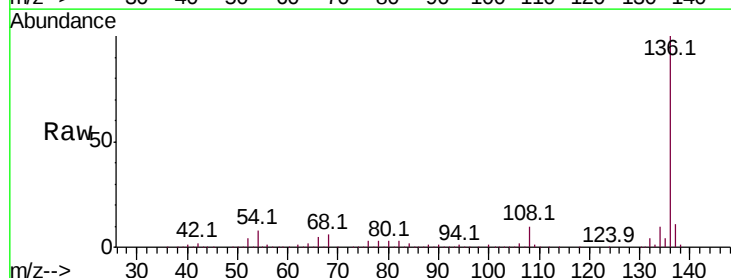
Instrument :
BNA_F
ClientSampled :

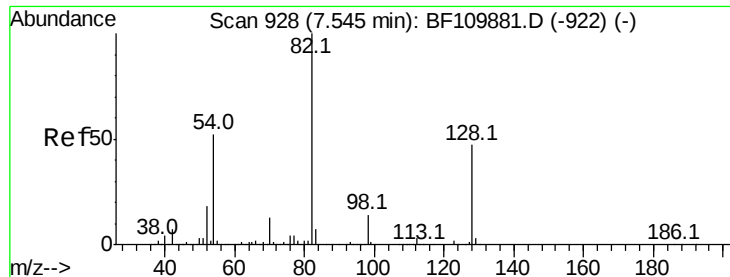
Tot Ion: 70 Resp: 134183
Ion Ratio Lower Upper
70 100
42 49.4 47.4 71.2
101 0.0 7.3 10.9#
130 2.1 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF109918.D
Acq: 17 Oct 2018 12:26

Tgt Ion:136 Resp: 982558
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 8.4 5.4 8.2#
68 5.9 4.2 6.2



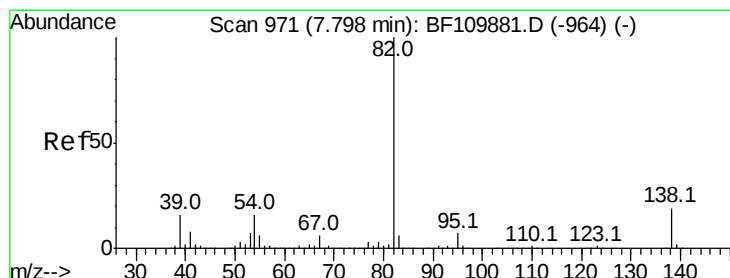
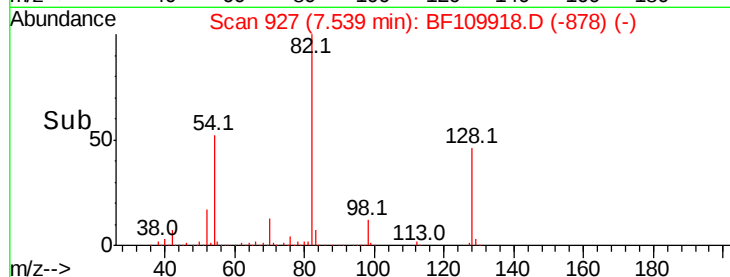
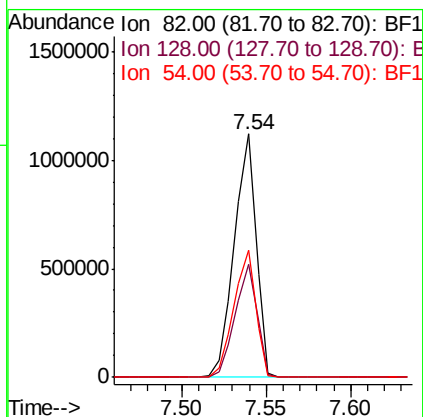
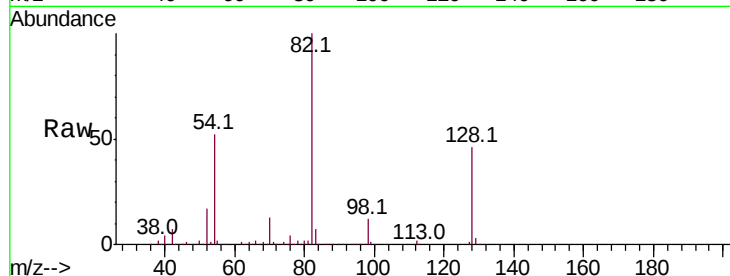


#23
 Nitrobenzene-d5
 Concen: 69.252 ng
 RT: 7.54 min Scan# 927
 Delta R.T. -0.01 min
 Lab File: BF109918.D
 Acq: 17 Oct 2018 12:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1010095

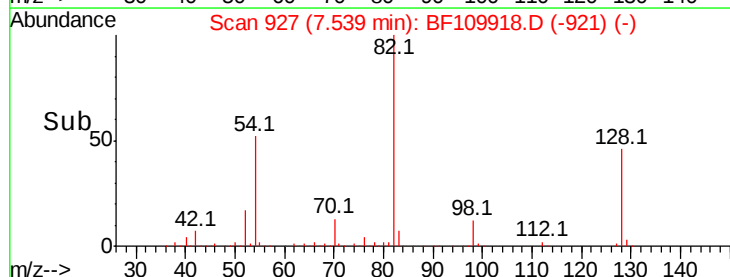
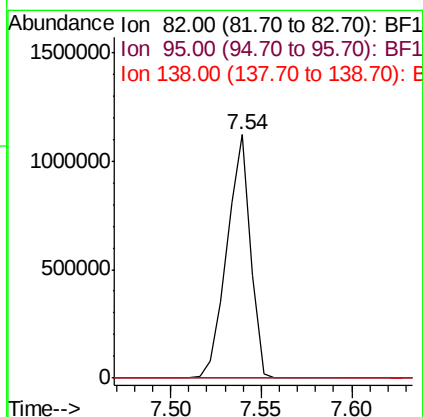
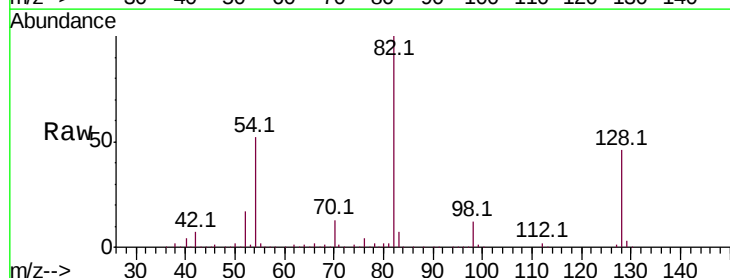
Ion	Ratio	Lower	Upper
82	100		
128	46.4	34.2	51.2
54	52.5	38.6	58.0

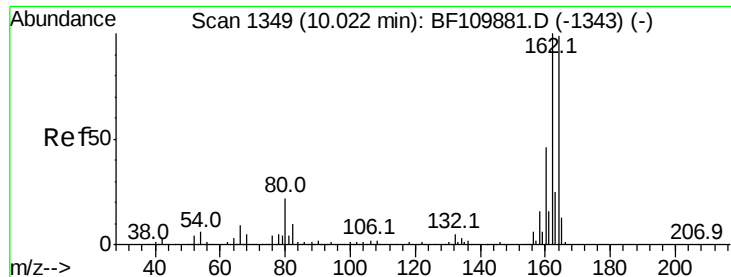


#25
 Isophorone
 Concen: 35.244 ng
 RT: 7.54 min Scan# 927
 Delta R.T. -0.26 min
 Lab File: BF109918.D
 Acq: 17 Oct 2018 12:26

Tgt Ion: 82 Resp: 1010081

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	13.2	19.8#

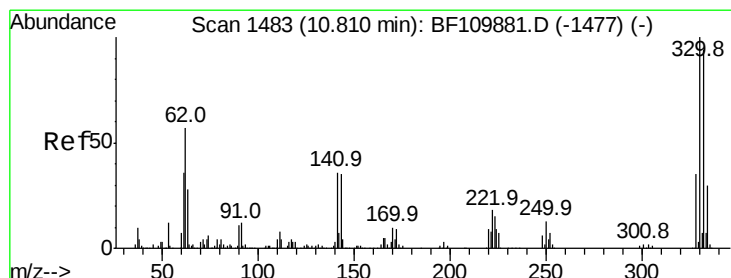
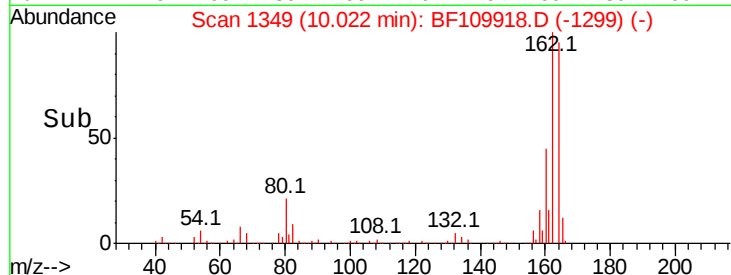
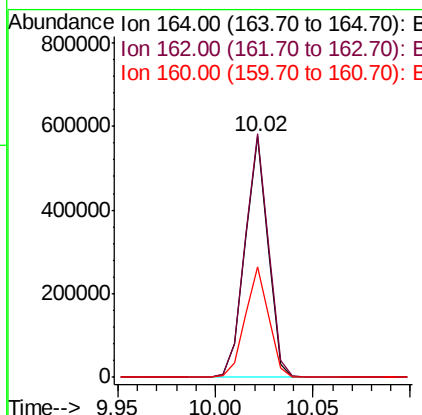
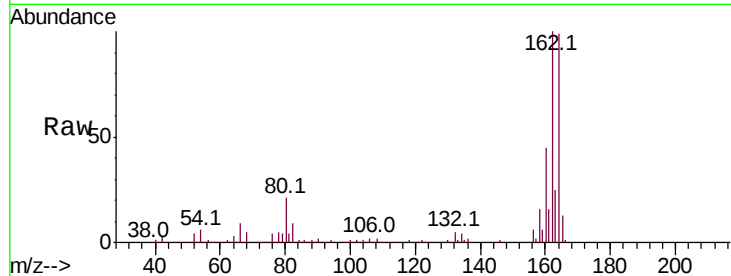




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1349
 Delta R.T. -0.01 min
 Lab File: BF109918.D
 Acq: 17 Oct 2018 12:26

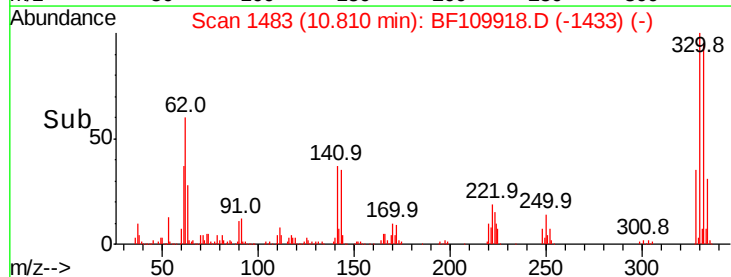
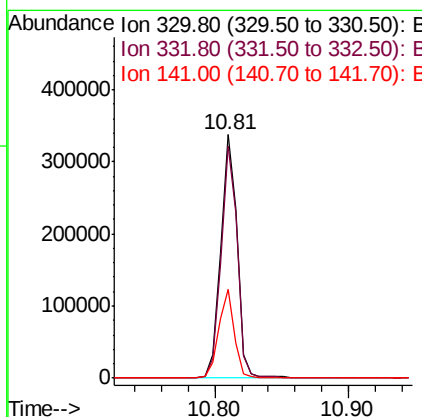
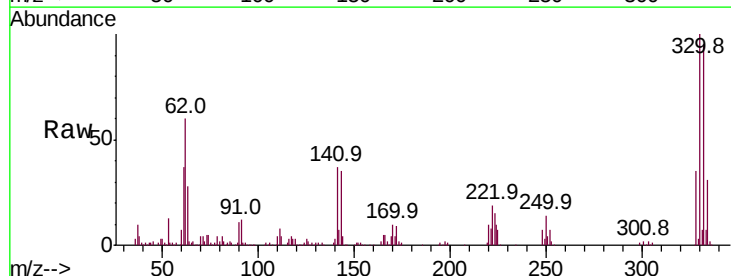
Instrument :
 BNA_F
 ClientSampleId :

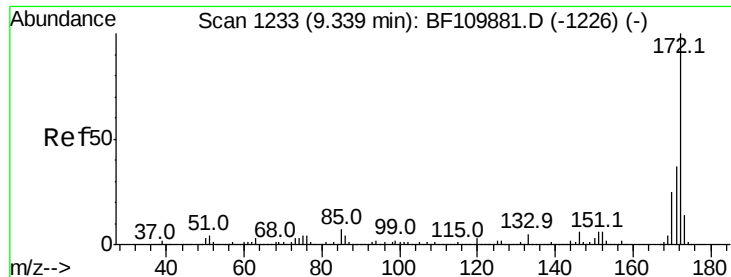
Tot Ion:164 Resp: 469711
 Ion Ratio Lower Upper
 164 100
 162 101.3 83.0 124.6
 160 45.8 37.0 55.6



#42
 2,4,6-Tribromophenol
 Concen: 72.233 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. -0.01 min
 Lab File: BF109918.D
 Acq: 17 Oct 2018 12:26

Tgt Ion:330 Resp: 293744
 Ion Ratio Lower Upper
 330 100
 332 94.8 77.1 115.7
 141 35.1 27.0 40.4



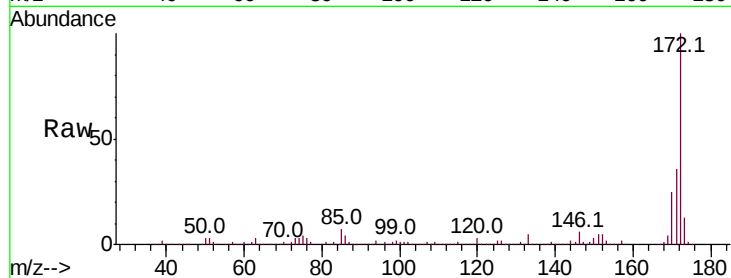


#45
 2-Fluorobiphenyl
 Concen: 59.867 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. -0.00 min
 Lab File: BF109918.D
 Acq: 17 Oct 2018 12:26

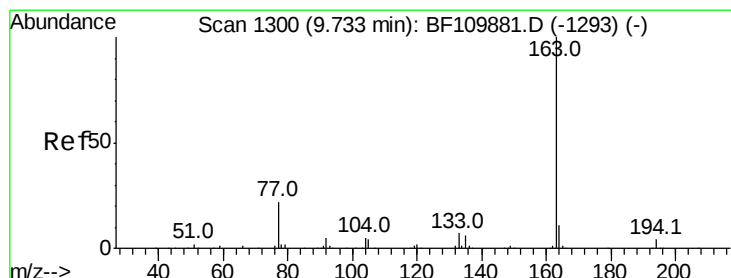
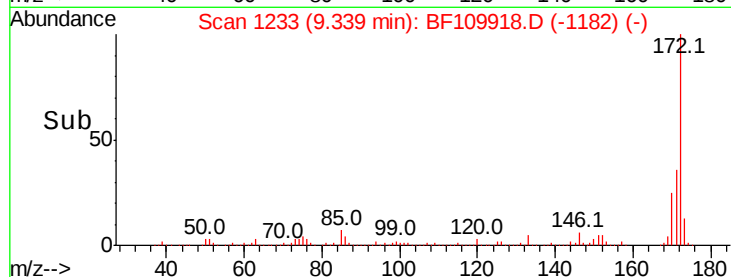
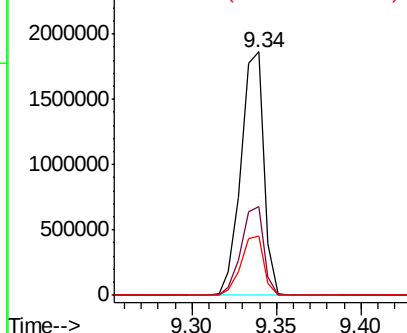
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1762303

Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.6	43.0
170	24.6	19.7	29.5



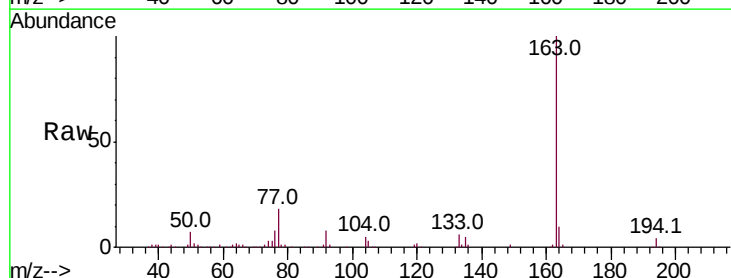
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



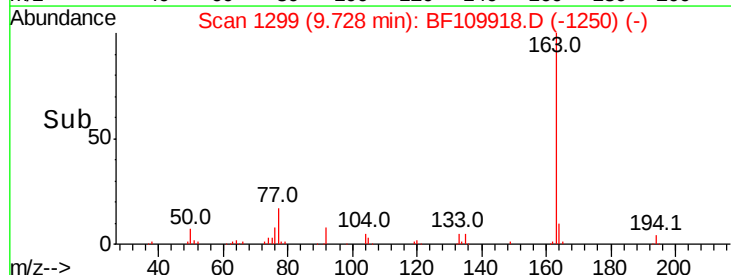
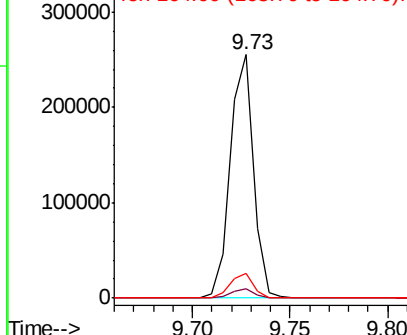
#50
 Dimethylphthalate
 Concen: 6.314 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF109918.D
 Acq: 17 Oct 2018 12:26

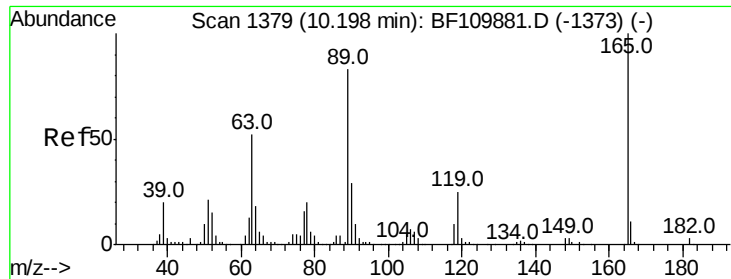
Tgt Ion:163 Resp: 209995

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.2	4.8
164	10.4	8.1	12.1



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

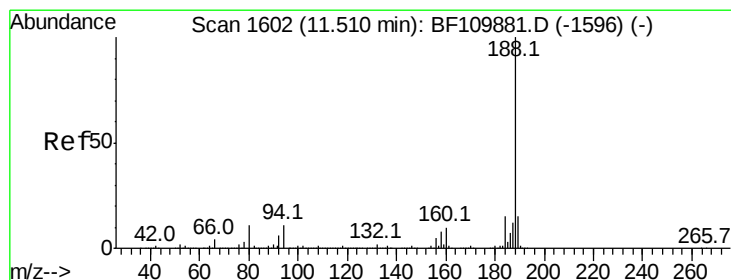
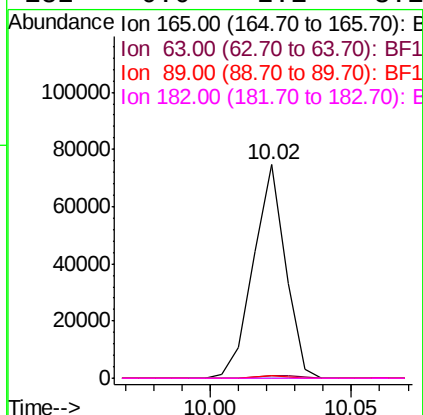
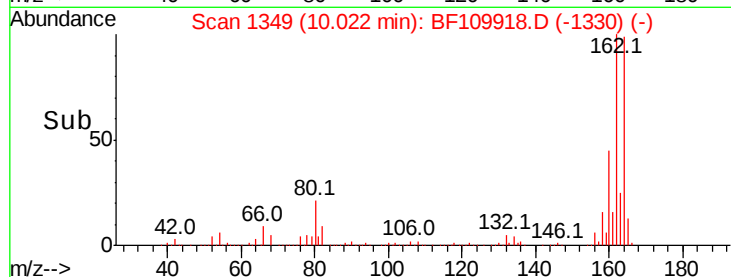
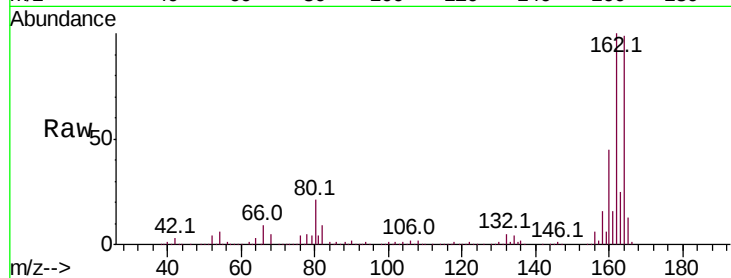




#57
 2,4-Dinitrotoluene
 Concen: 11.261 ng
 RT: 10.02 min Scan# 1349
 Delta R.T. -0.19 min
 Lab File: BF109918.D
 Acq: 17 Oct 2018 12:26

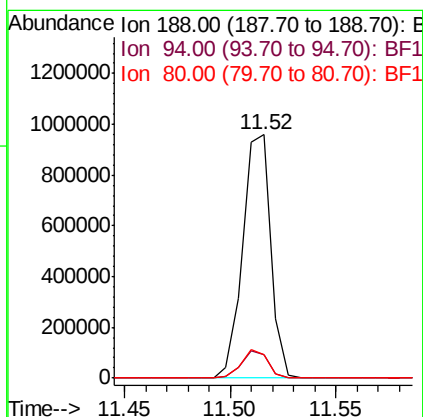
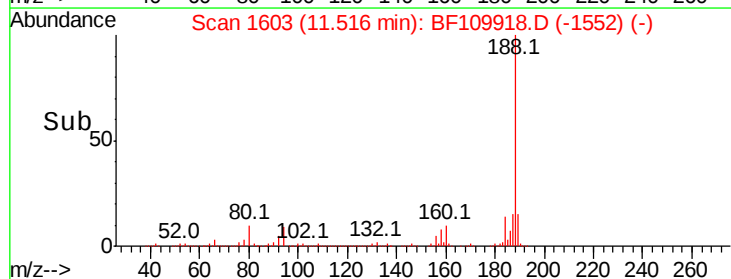
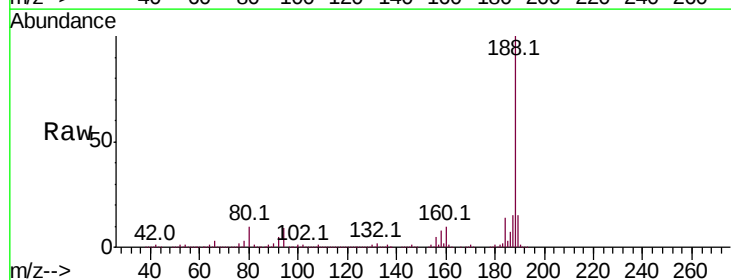
Instrument :
 BNA_F
 ClientSampled :

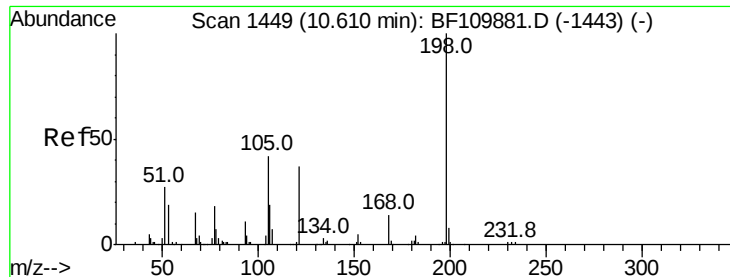
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.8	67.2#
89	1.0	62.2	93.4#
182	0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.52 min Scan# 1603
 Delta R.T. -0.00 min
 Lab File: BF109918.D
 Acq: 17 Oct 2018 12:26

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.2	10.8
80	9.7	7.9	11.9

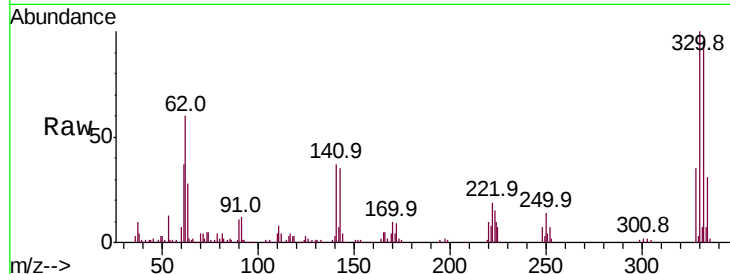




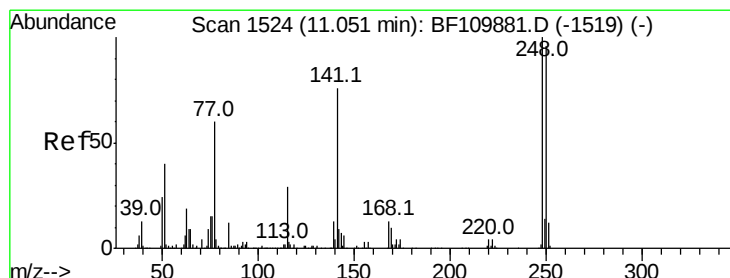
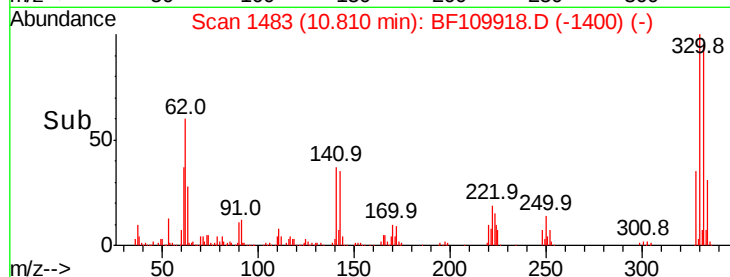
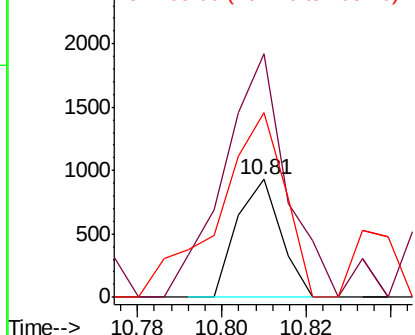
#65
4,6-Dinitro-2-methylphenol
Concen: 8.080 ng
RT: 10.81 min Scan# 1483
Delta R.T. 0.19 min
Lab File: BF109918.D
Acq: 17 Oct 2018 12:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 673
Ion Ratio Lower Upper
198 100
51 206.8 22.8 62.8#
105 157.4 23.6 63.6#

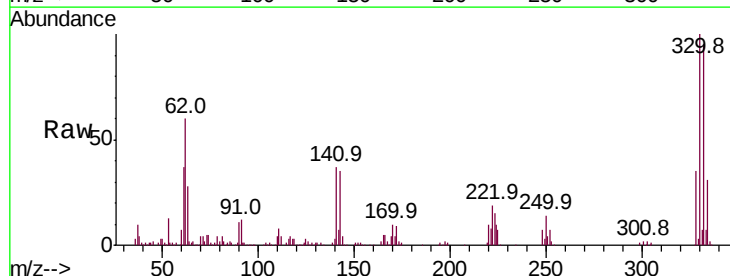


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

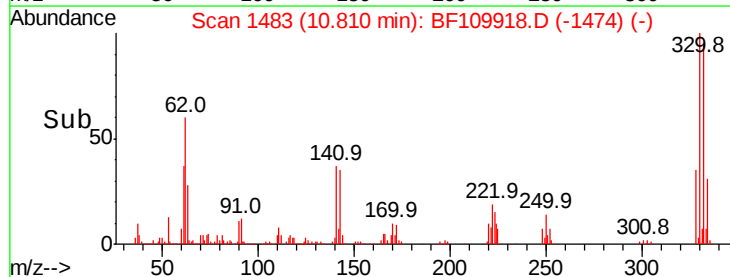
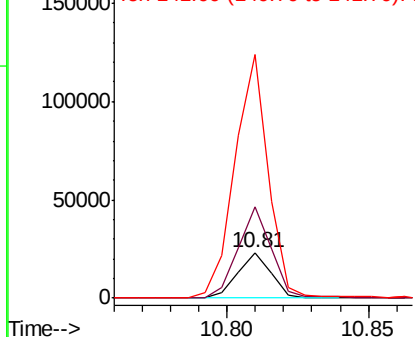


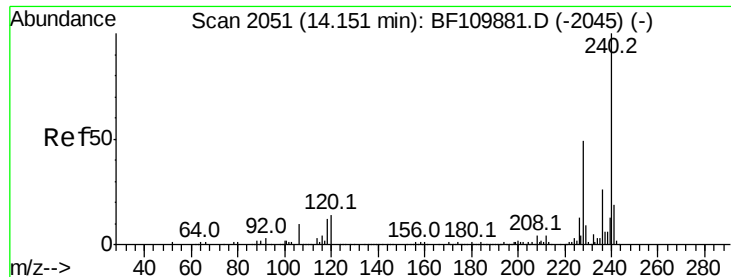
#67
4-Bromophenyl-phenylether
Concen: 2.008 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.25 min
Lab File: BF109918.D
Acq: 17 Oct 2018 12:26

Tgt Ion:248 Resp: 19225
Ion Ratio Lower Upper
248 100
250 200.9 79.4 119.2#
141 534.6 55.9 83.9#



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





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BF109918.D

Acq: 17 Oct 2018 12:26

Instrument :

BNA_F

ClientSampleId :

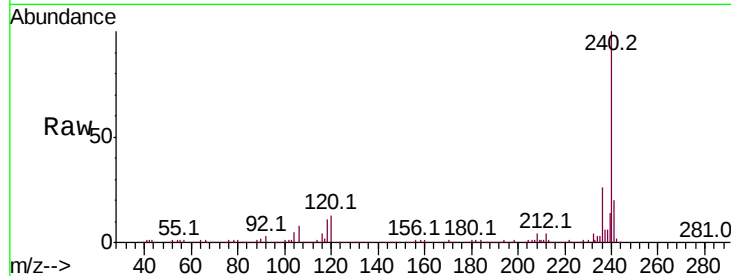
Tot Ion:240 Resp: 563239

Ion Ratio Lower Upper

240 100

120 12.7 8.3 12.5#

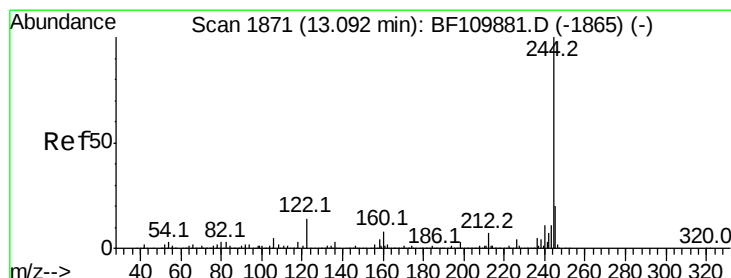
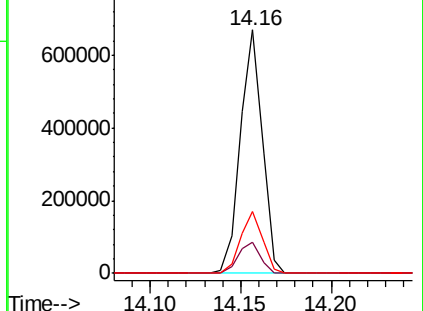
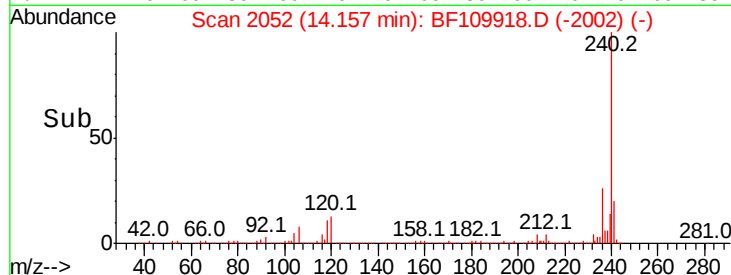
236 25.6 21.2 31.8



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



#79

Terphenyl-d14

Concen: 64.418 ng

RT: 13.10 min Scan# 1872

Delta R.T. -0.01 min

Lab File: BF109918.D

Acq: 17 Oct 2018 12:26

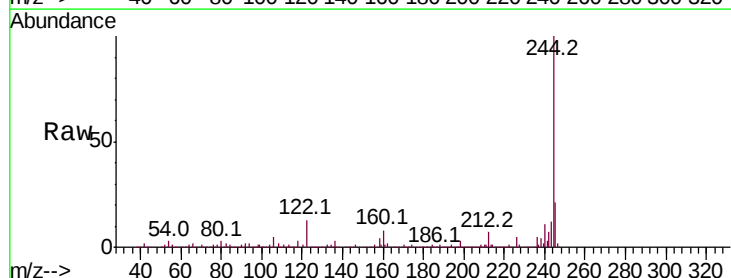
Tgt Ion:244 Resp: 1727820

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

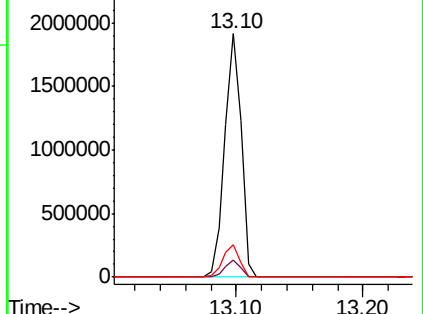
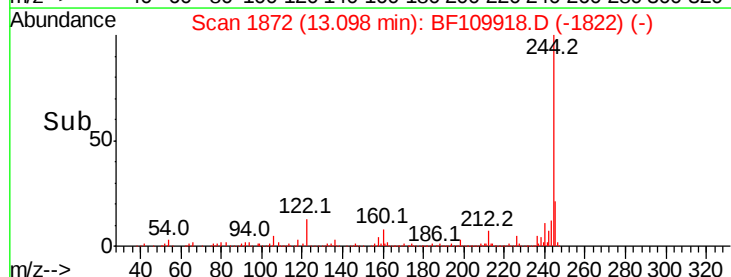
122 13.5 8.7 13.1#

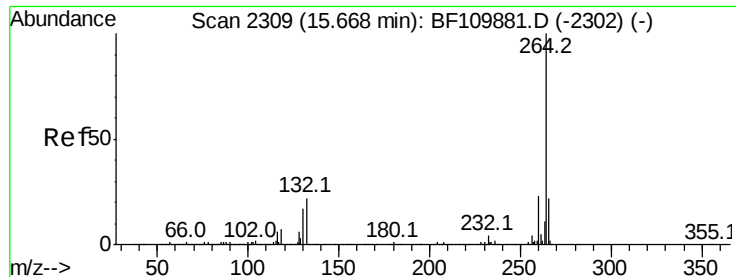


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2312
Delta R.T. -0.01 min
Lab File: BF109918.D
Acq: 17 Oct 2018 12:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.7	28.1
265	22.0	16.7	25.1

