

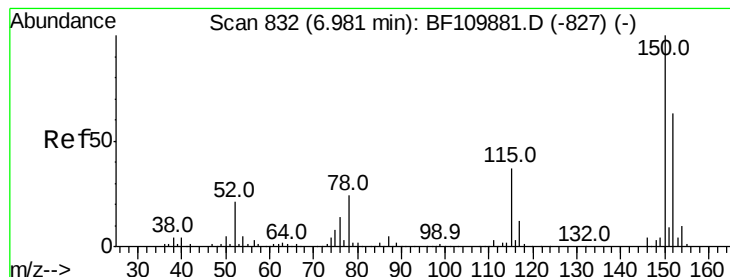
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101718\
 Data File : BF109921.D
 Acq On : 17 Oct 2018 13:46
 Operator : JU/SJ
 Sample : J5516-08RE
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 17 17:06:37 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	239185	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	952978	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	448494	20.00	ng	0.00
64) Phenanthrene-d10	11.52	188	850546	20.00	ng	0.00
76) Chrysene-d12	14.16	240	543903	20.00	ng	0.00
87) Perylene-d12	15.68	264	561193	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1047777	69.44	ng	0.00
7) Phenol-d6	6.59	99	1365400	72.87	ng	-0.01
23) Nitrobenzene-d5	7.54	82	814375	57.57	ng	-0.01
42) 2,4,6-Tribromophenol	10.81	330	227412	58.57	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1504698	53.53	ng	0.00
79) Terphenyl-d14	13.10	244	1473924	56.91	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.54	70	106403	8.844	ng	# 79
25) Isophorone	7.54	82	814366	29.297	ng	# 67
50) Dimethylphthalate	9.73	163	122637	3.862	ng	# 99
51) 2,6-Dinitrotoluene	10.02	165	57750	9.574	ng	# 23
57) 2,4-Dinitrotoluene	10.02	165	57750	11.439	ng	# 19
65) 4,6-Dinitro-2-methylphenol	10.81	198	397	8.012	ng	# 1

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

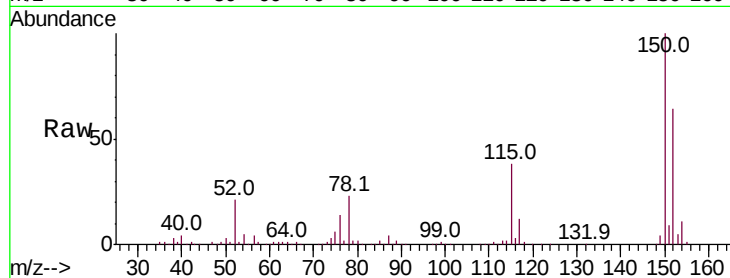


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF109921.D
Acq: 17 Oct 2018 13:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	122.7	184.1
115	58.8	49.1	73.7

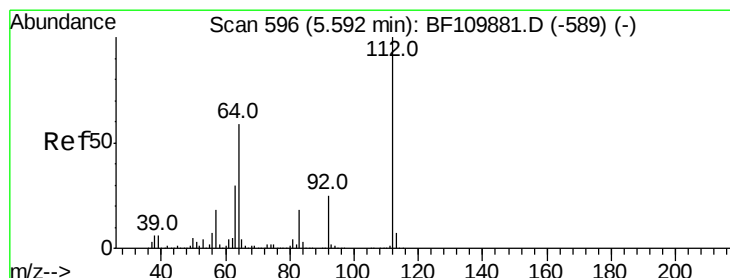
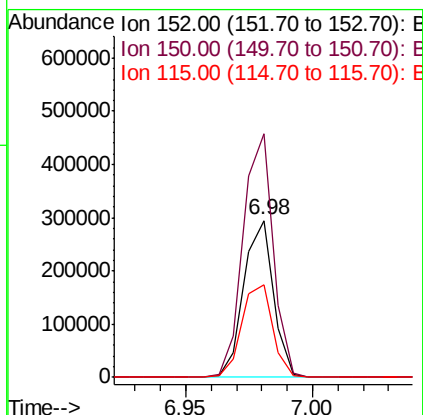
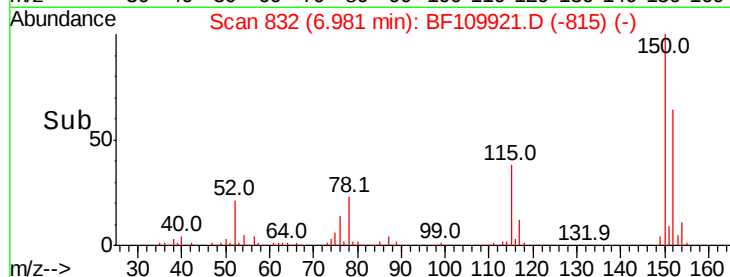


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

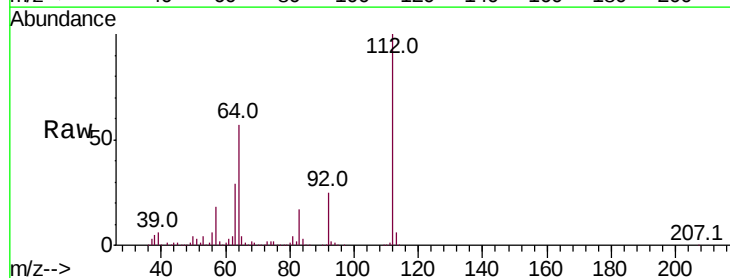
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 69.439 ng
RT: 5.60 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF109921.D
Acq: 17 Oct 2018 13:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.9	44.1	66.1
63	29.3	23.7	35.5

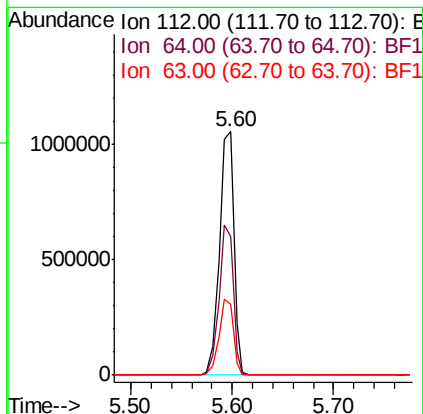
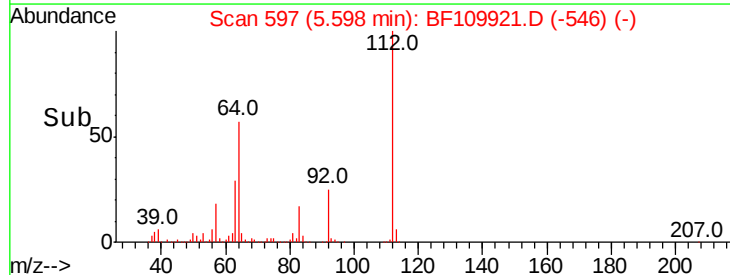


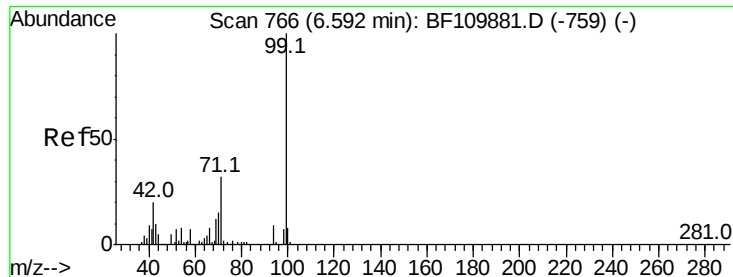
Abundance

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: 72.872 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF109921.D

Acq: 17 Oct 2018 13:46

Instrument :

BNA_F

ClientSampleId :

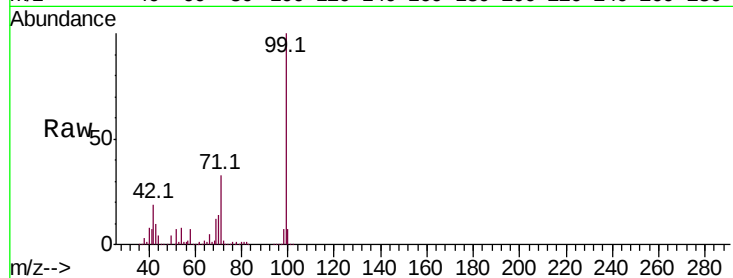
Tot Ion: 99 Resp: 1365400

Ion Ratio Lower Upper

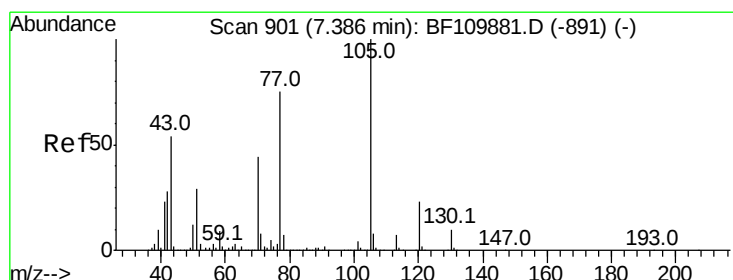
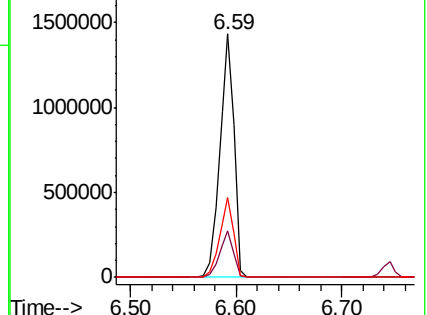
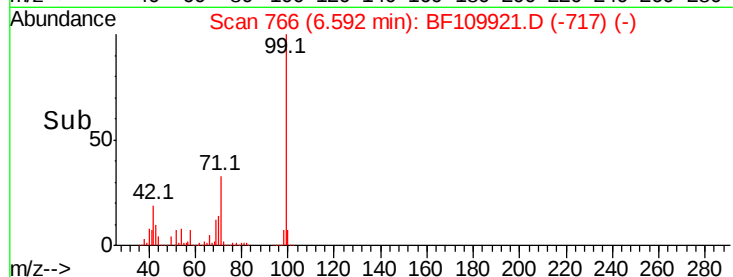
99 100

42 19.0 15.8 23.6

71 32.9 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



#19

n-Nitroso-di-n-propylamine

Concen: 8.844 ng

RT: 7.54 min Scan# 927

Delta R.T. 0.15 min

Lab File: BF109921.D

Acq: 17 Oct 2018 13:46

Tgt Ion: 70 Resp: 106403

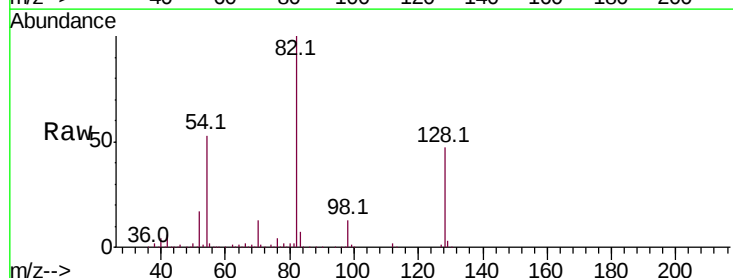
Ion Ratio Lower Upper

70 100

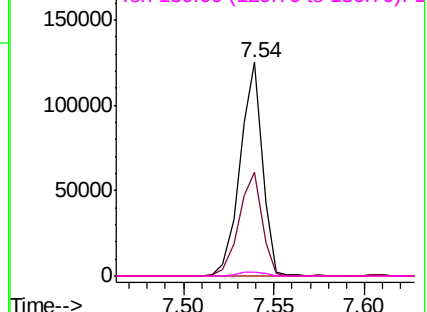
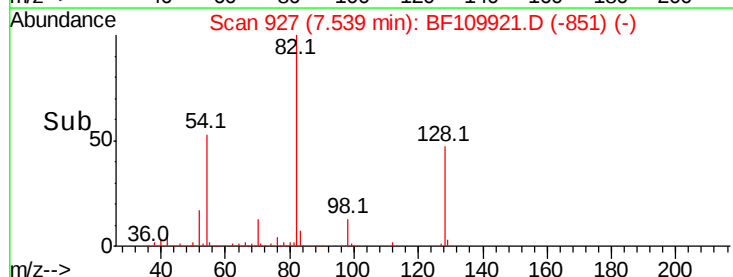
42 48.5 47.4 71.2

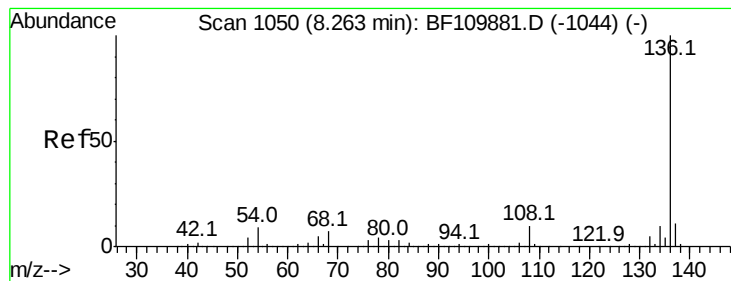
101 0.0 7.3 10.9#

130 2.1 16.2 24.2#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1050

Delta R.T. -0.01 min

Lab File: BF109921.D

Acq: 17 Oct 2018 13:46

Instrument :

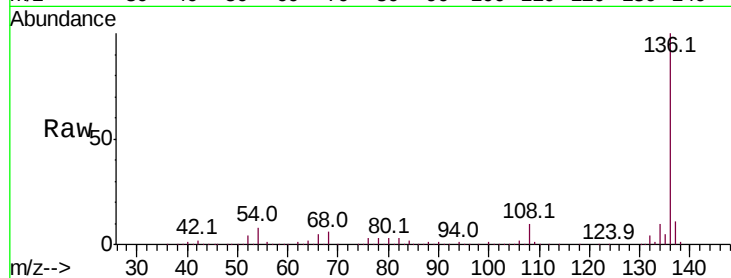
BNA_F

ClientSampleId :

Tot Ion:136 Resp: 952978

Ion Ratio Lower Upper

136	100		
137	10.9	8.8	13.2
54	8.4	5.4	8.2#
68	6.0	4.2	6.2

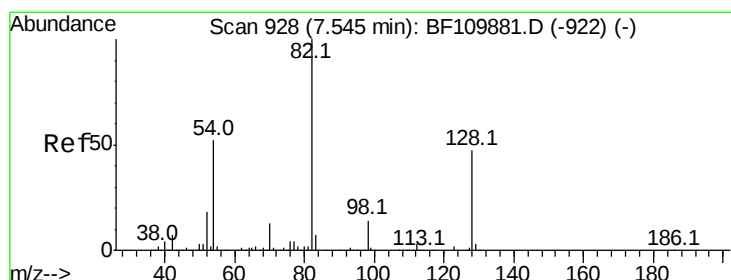
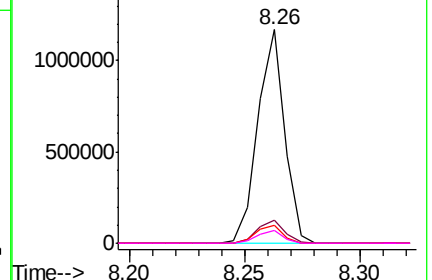
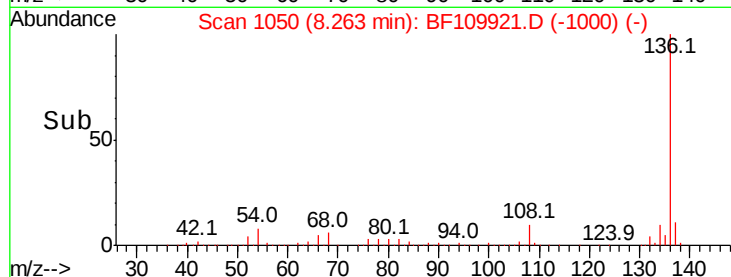


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 57.566 ng

RT: 7.54 min Scan# 927

Delta R.T. -0.01 min

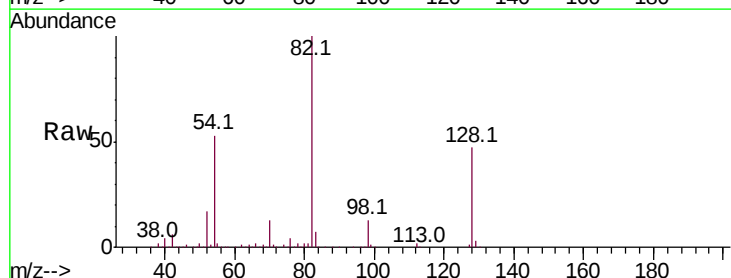
Lab File: BF109921.D

Acq: 17 Oct 2018 13:46

Tgt Ion: 82 Resp: 814375

Ion Ratio Lower Upper

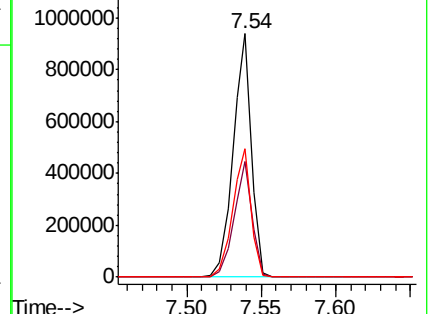
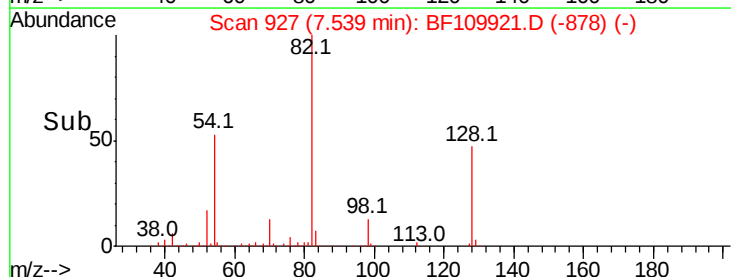
82	100		
128	47.3	34.2	51.2
54	52.8	38.6	58.0

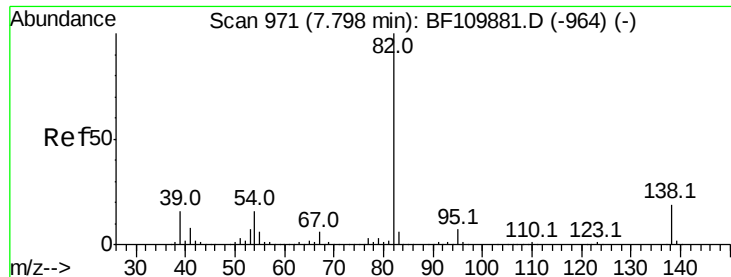


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 29.297 ng

RT: 7.54 min Scan# 927

Delta R.T. -0.26 min

Lab File: BF109921.D

Acq: 17 Oct 2018 13:46

Instrument :

BNA_F

ClientSampleId :

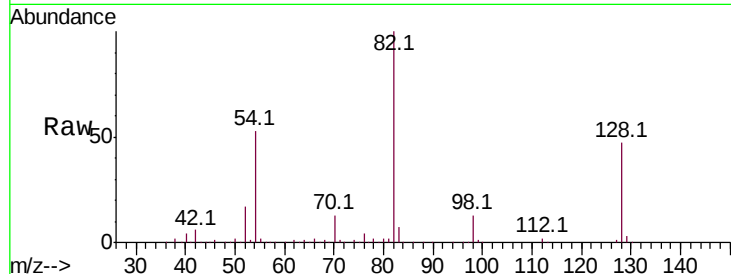
Tot Ion: 82 Resp: 814366

Ion Ratio Lower Upper

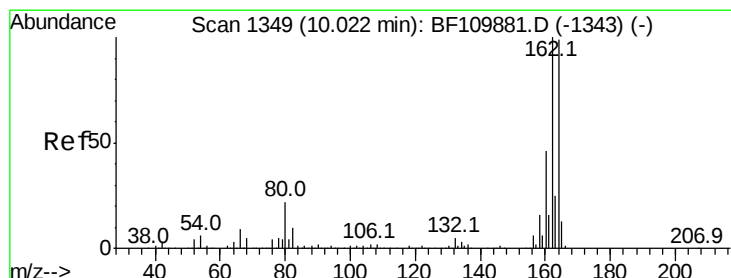
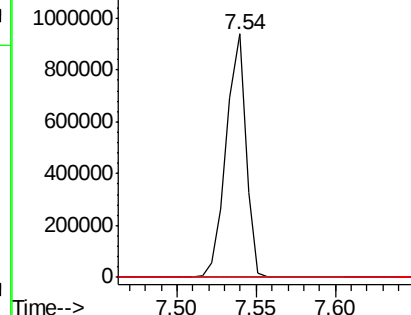
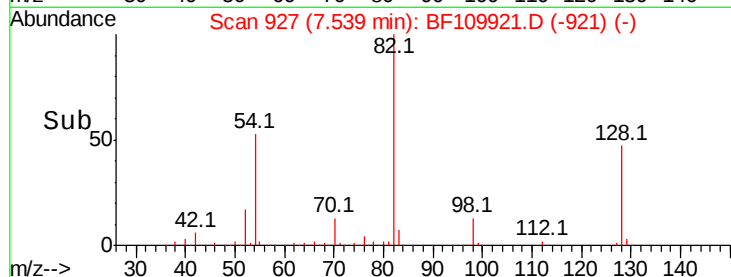
82 100

95 0.0 5.7 8.5#

138 0.0 13.2 19.8#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.02 min Scan# 1349

Delta R.T. -0.01 min

Lab File: BF109921.D

Acq: 17 Oct 2018 13:46

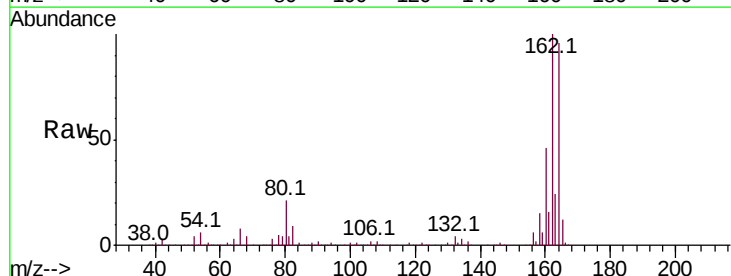
Tgt Ion:164 Resp: 448494

Ion Ratio Lower Upper

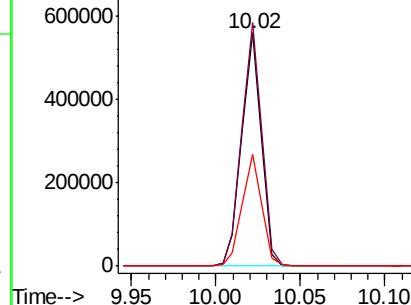
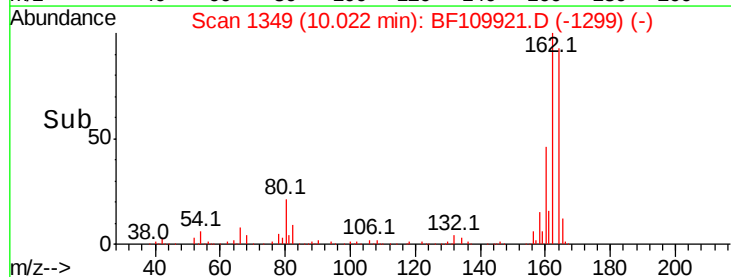
164 100

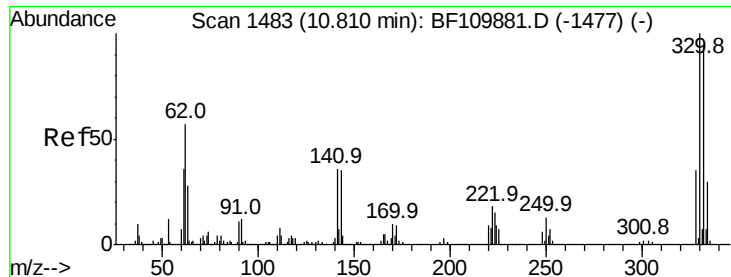
162 104.4 83.0 124.6

160 47.9 37.0 55.6



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





#42

2,4,6-Tribromophenol

Concen: 58.567 ng

RT: 10.81 min Scan# 1483

Delta R.T. -0.01 min

Lab File: BF109921.D

Acq: 17 Oct 2018 13:46

Instrument :

BNA_F

ClientSampleId :

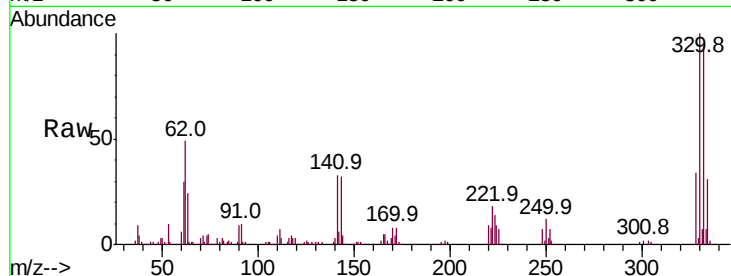
Tot Ion:330 Resp: 227412

Ion Ratio Lower Upper

330 100

332 93.8 77.1 115.7

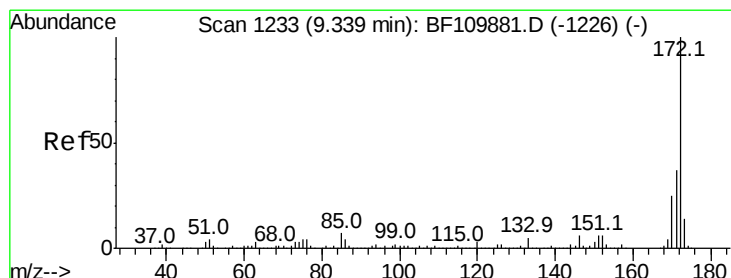
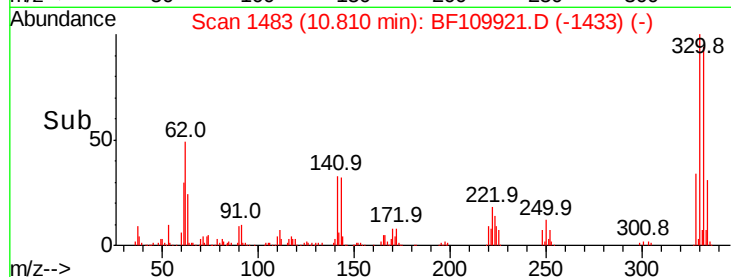
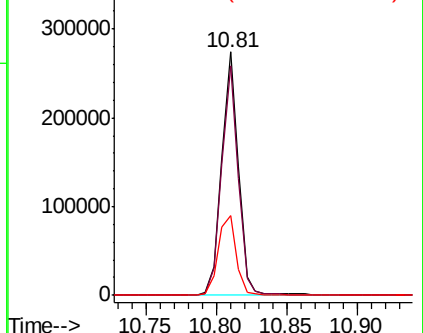
141 35.4 27.0 40.4



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



#45

2-Fluorobiphenyl

Concen: 53.534 ng

RT: 9.33 min Scan# 1232

Delta R.T. -0.01 min

Lab File: BF109921.D

Acq: 17 Oct 2018 13:46

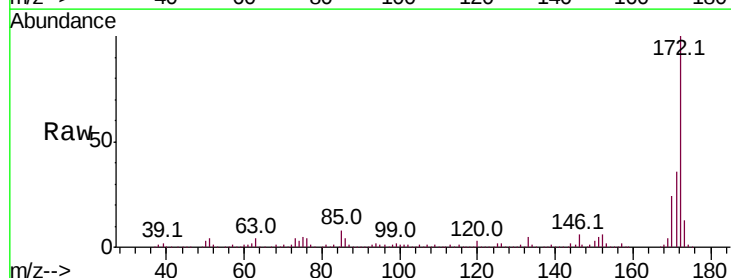
Tgt Ion:172 Resp: 1504698

Ion Ratio Lower Upper

172 100

171 36.4 28.6 43.0

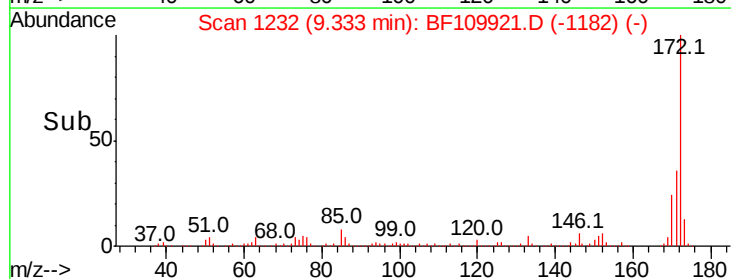
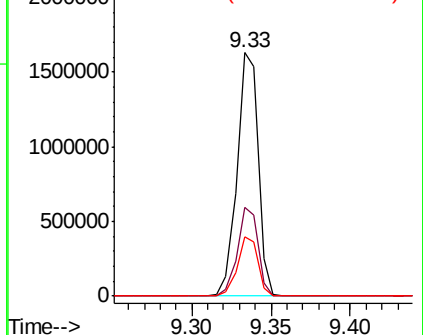
170 24.2 19.7 29.5

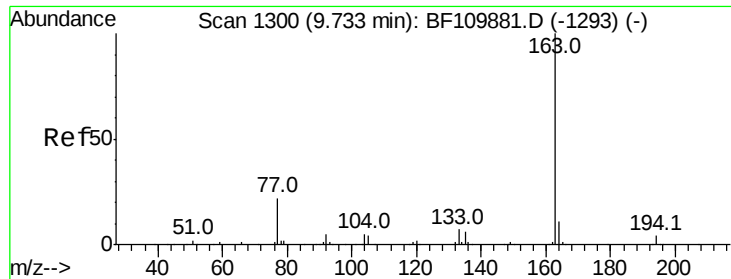


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

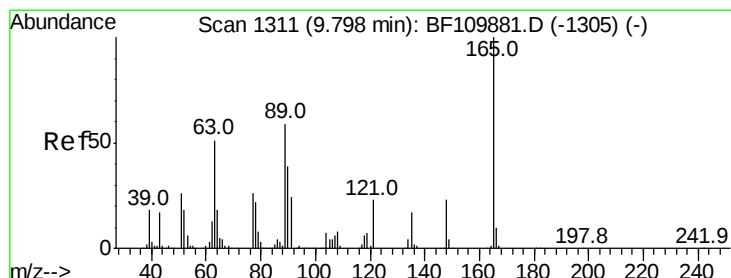
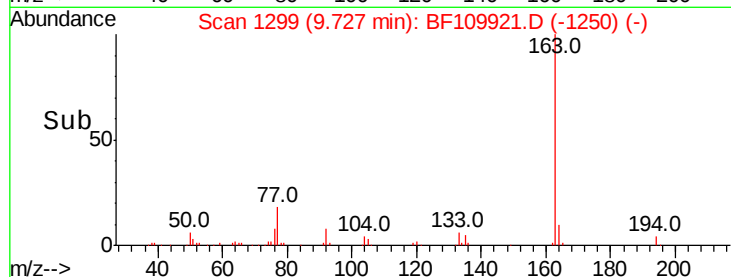
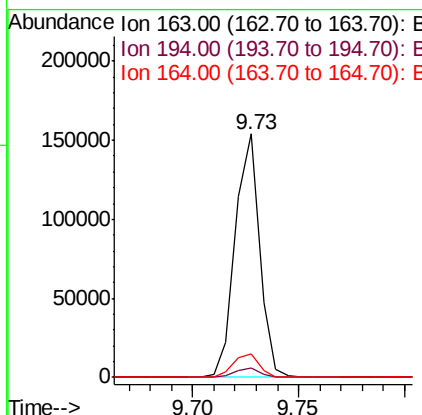
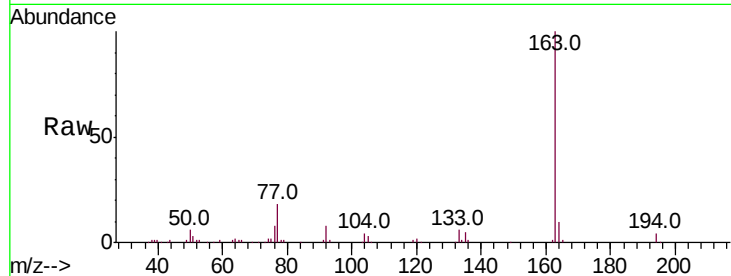




#50
Dimethylphthalate
Concen: 3.862 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF109921.D
Acq: 17 Oct 2018 13:46

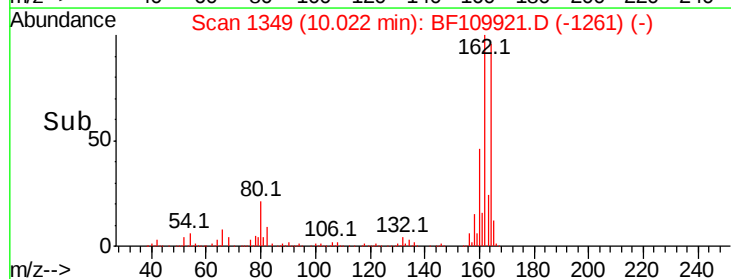
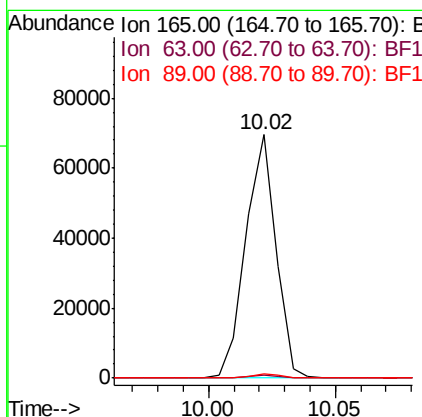
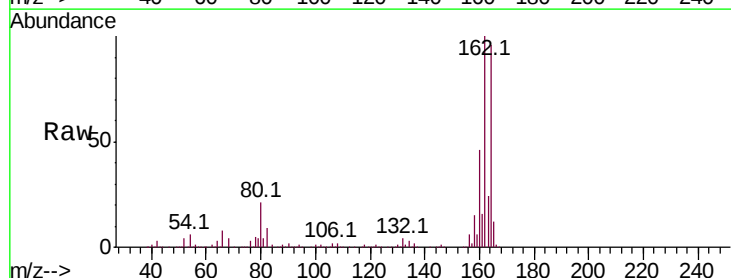
Instrument :
BNA_F
ClientSampleId :

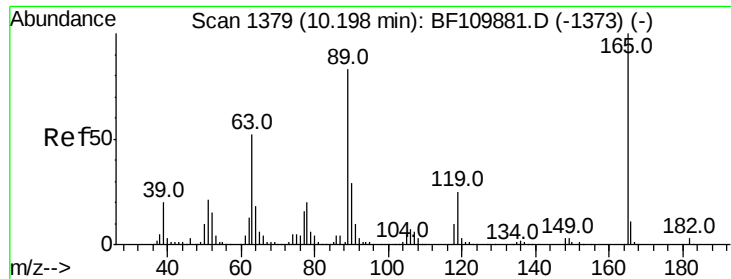
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.2	4.8
164	9.8	8.1	12.1



#51
2,6-Dinitrotoluene
Concen: 9.574 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.22 min
Lab File: BF109921.D
Acq: 17 Oct 2018 13:46

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	48.9	73.3#
89	1.8	46.6	69.8#

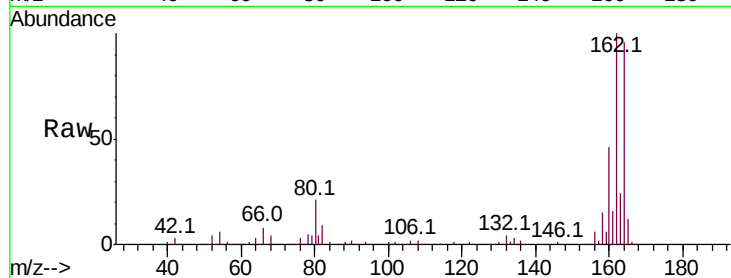




#57
 2,4-Dinitrotoluene
 Concen: 11.439 ng
 RT: 10.02 min Scan# 1349
 Delta R.T. -0.19 min
 Lab File: BF109921.D
 Acq: 17 Oct 2018 13:46

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.8	67.2#
89	1.8	62.2	93.4#
182	0.0	2.1	3.1#



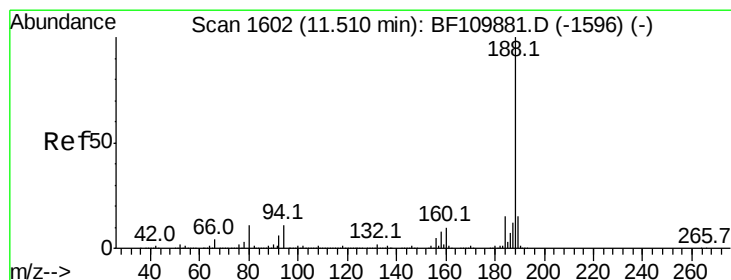
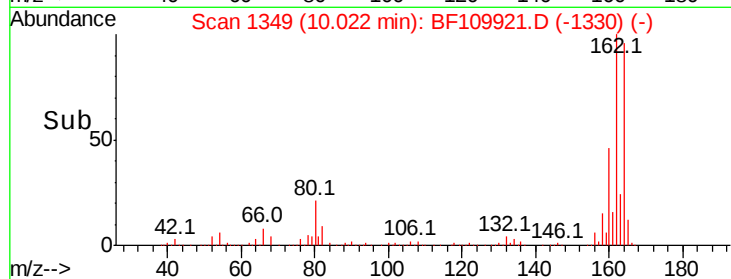
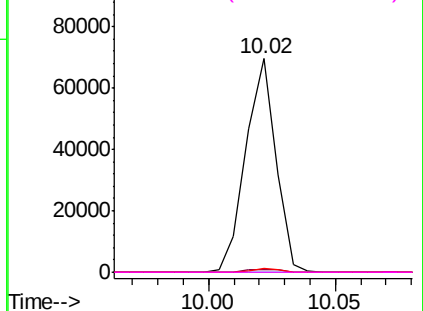
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

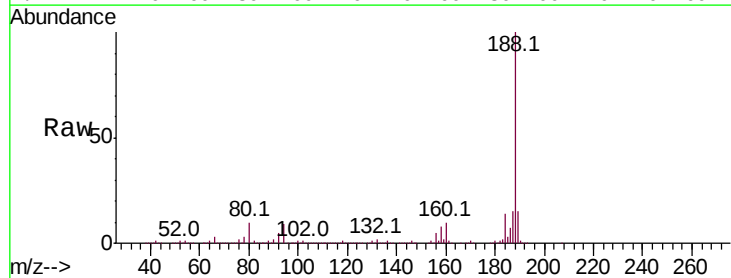
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.52 min Scan# 1603
 Delta R.T. -0.00 min
 Lab File: BF109921.D
 Acq: 17 Oct 2018 13:46

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.2	10.8
80	9.6	7.9	11.9

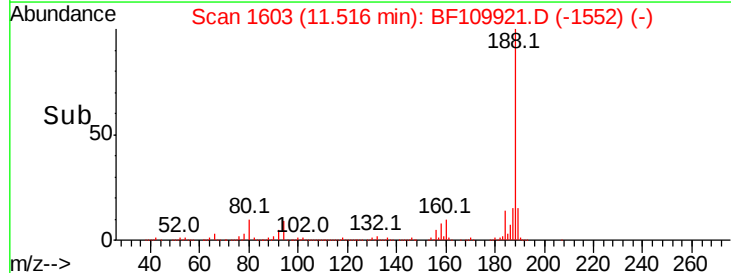
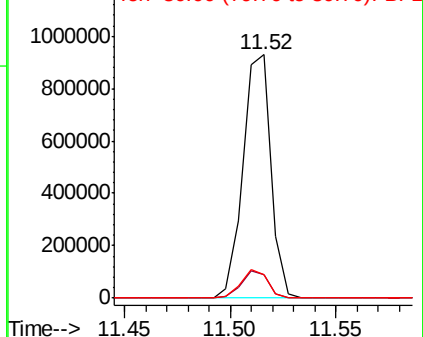


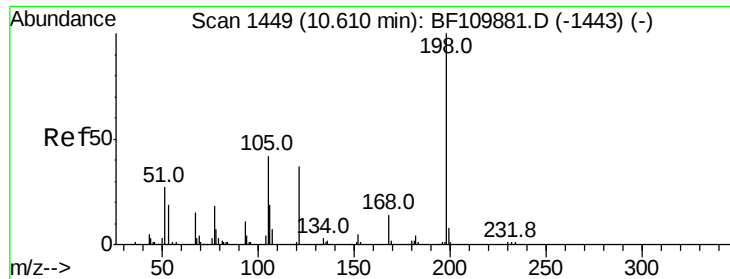
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 8.012 ng

RT: 10.81 min Scan# 1483

Delta R.T. 0.19 min

Lab File: BF109921.D

Acq: 17 Oct 2018 13:46

Instrument :

BNA_F

ClientSampled :

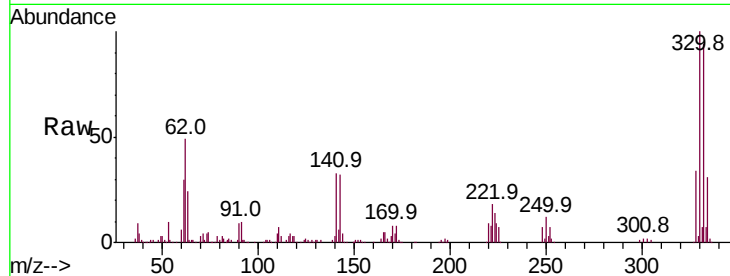
Tot Ion:198 Resp: 397

Ion Ratio Lower Upper

198 100

51 227.1 22.8 62.8#

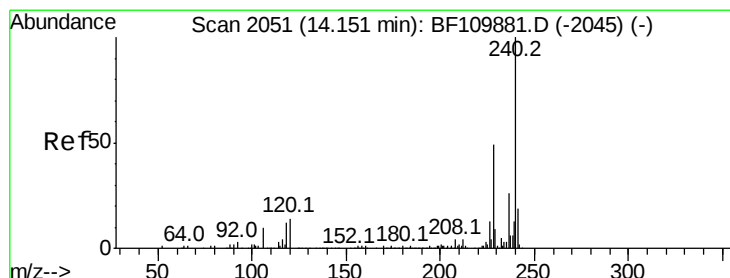
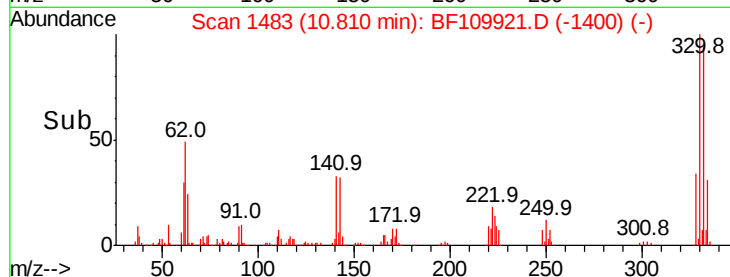
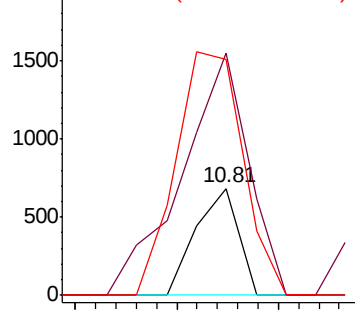
105 220.8 23.6 63.6#



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BF109921.D

Acq: 17 Oct 2018 13:46

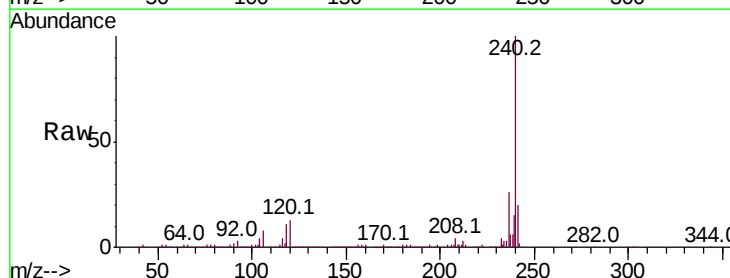
Tgt Ion:240 Resp: 543903

Ion Ratio Lower Upper

240 100

120 12.7 8.3 12.5#

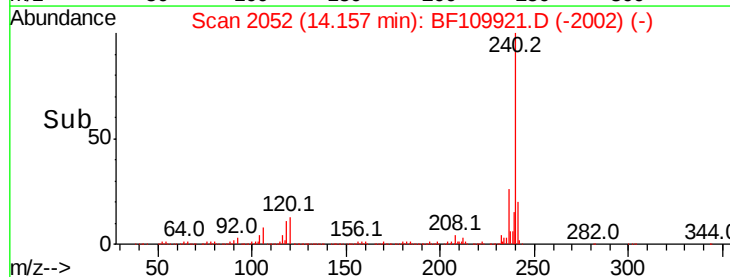
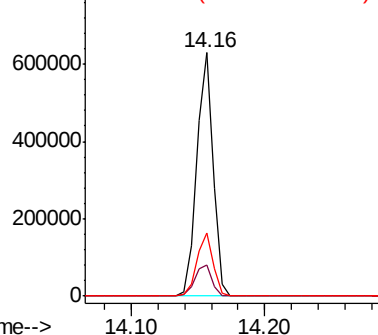
236 25.7 21.2 31.8

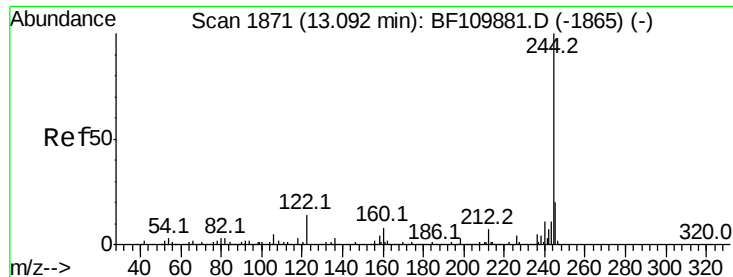


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

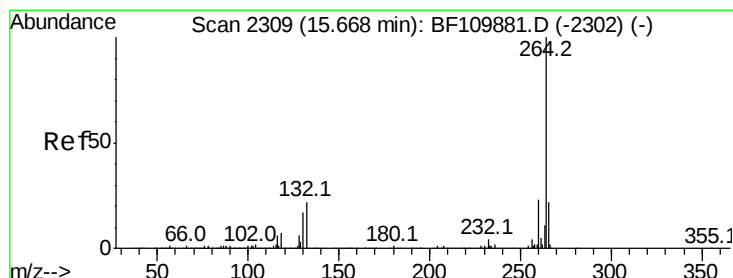
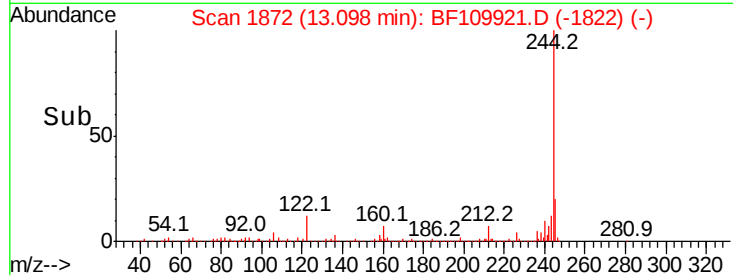
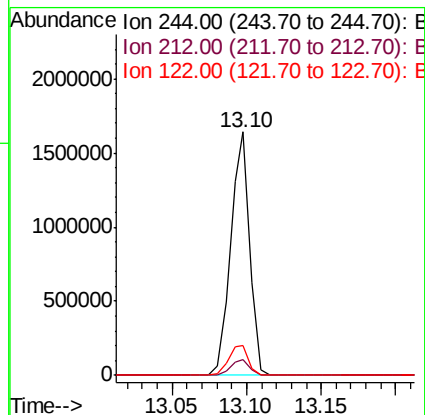
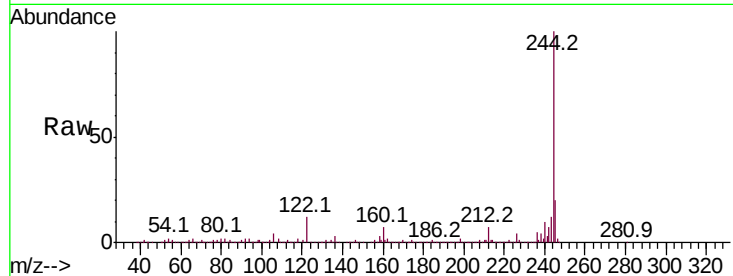




#79
 Terphenyl-d14
 Concen: 56.906 ng
 RT: 13.10 min Scan# 1872
 Delta R.T. -0.01 min
 Lab File: BF109921.D
 Acq: 17 Oct 2018 13:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1473924
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.8 8.8
 122 12.1 8.7 13.1



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2311
 Delta R.T. -0.01 min
 Lab File: BF109921.D
 Acq: 17 Oct 2018 13:46

Tgt Ion:264 Resp: 561193
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.7 28.1
 265 21.6 16.7 25.1

