

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101618\
 Data File : BF109911.D
 Acq On : 16 Oct 2018 17:53
 Operator : JU/SJ
 Sample : J5516-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 17 03:52:00 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

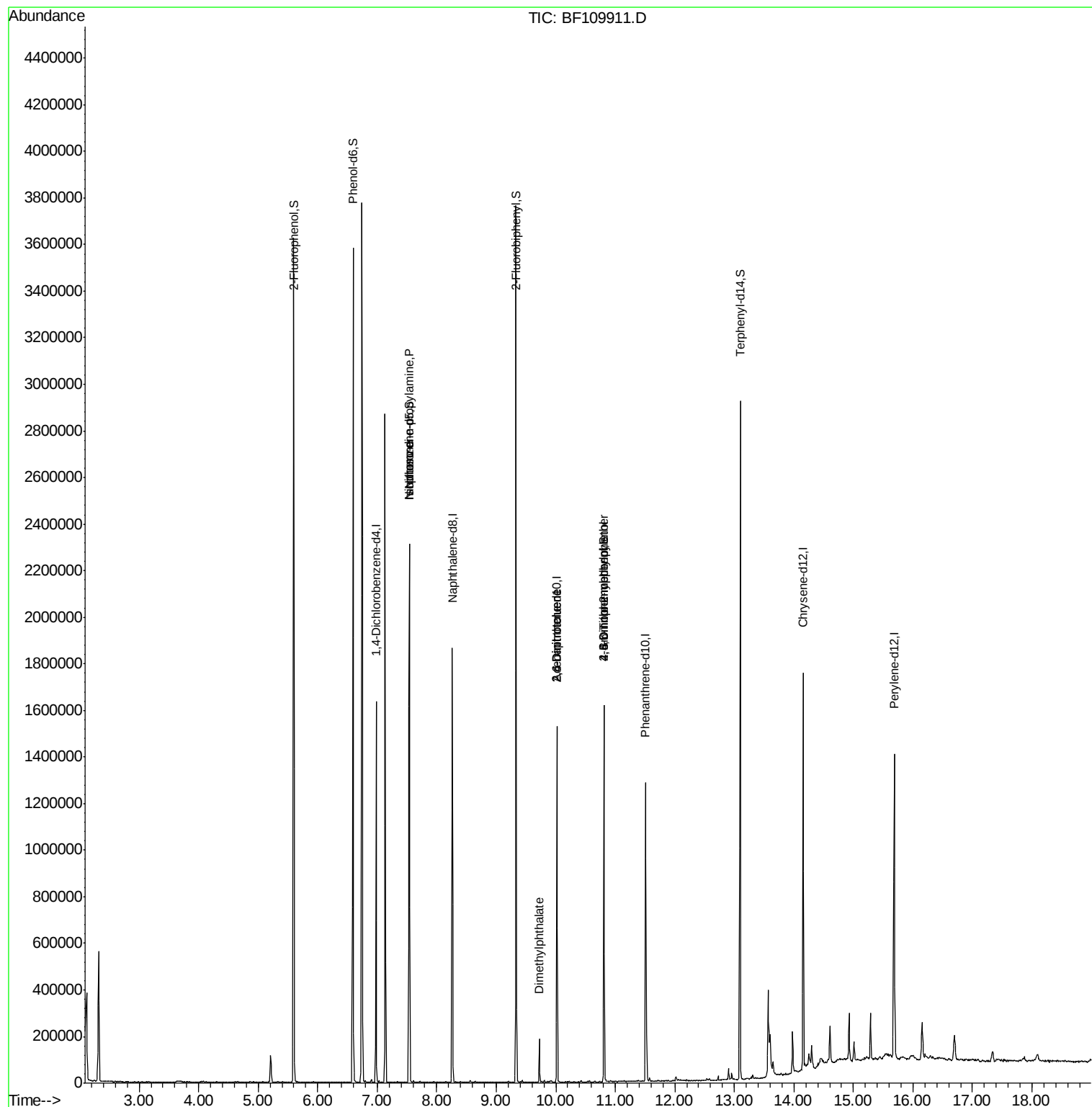
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	205173	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	734621	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	279969	20.00	ng	0.00
64) Phenanthrene-d10	11.51	188	437011	20.00	ng	0.00
76) Chrysene-d12	14.16	240	522675	20.00	ng	0.00
87) Perylene-d12	15.69	264	537770	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	908441	70.18	ng	0.00
7) Phenol-d6	6.59	99	1096390	68.22	ng	-0.01
23) Nitrobenzene-d5	7.54	82	641148	58.79	ng	-0.01
42) 2,4,6-Tribromophenol	10.81	330	168238	69.41	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1081790	61.66	ng	0.00
79) Terphenyl-d14	13.10	244	967209	38.86	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.54	70	84246	8.164	ng	# 80
25) Isophorone	7.54	82	641138	29.921	ng	# 67
50) Dimethylphthalate	9.73	163	77126	3.890	ng	# 97
51) 2,6-Dinitrotoluene	10.02	165	35127	9.329	ng	# 23
57) 2,4-Dinitrotoluene	10.02	165	35127	11.263	ng	# 19
65) 4,6-Dinitro-2-methylphenol	10.81	198	372	8.101	ng	# 1
67) 4-Bromophenyl-phenylether	10.81	248	10540	2.225	ng	# 1

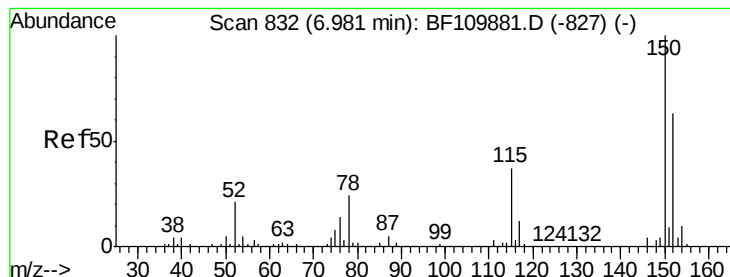
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 17 03:52:00 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



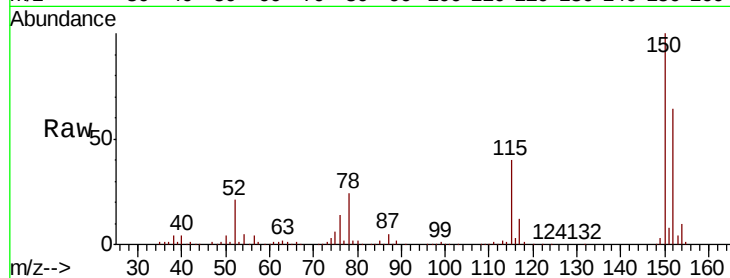


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF109911.D
Acq: 16 Oct 2018 17:53

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	122.7	184.1
115	62.9	49.1	73.7

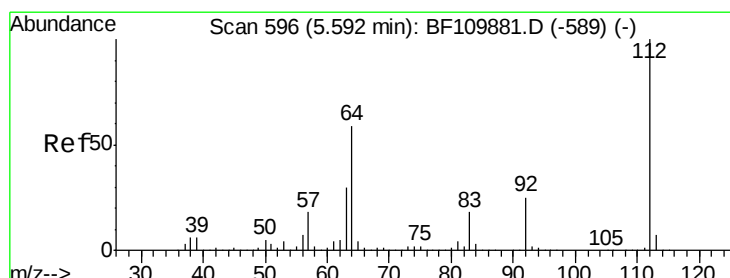
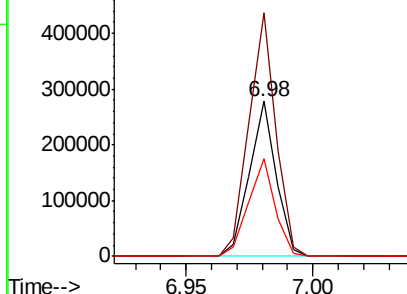
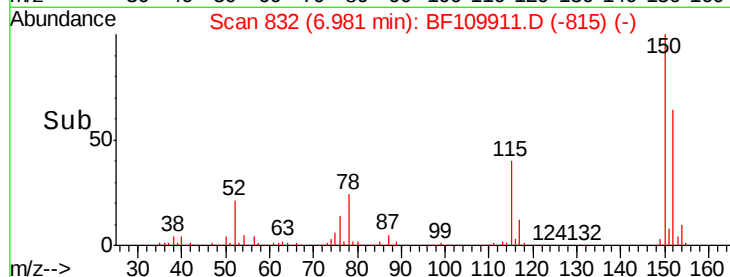


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

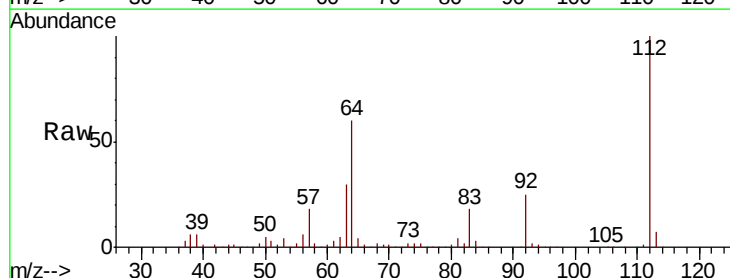
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 70.185 ng
RT: 5.60 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF109911.D
Acq: 16 Oct 2018 17:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.7	44.1	66.1
63	30.4	23.7	35.5

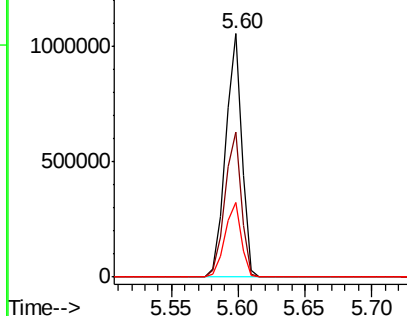
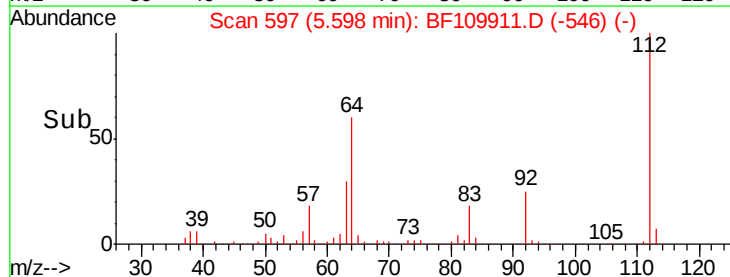


Abundance

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: 68.215 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF109911.D

Acq: 16 Oct 2018 17:53

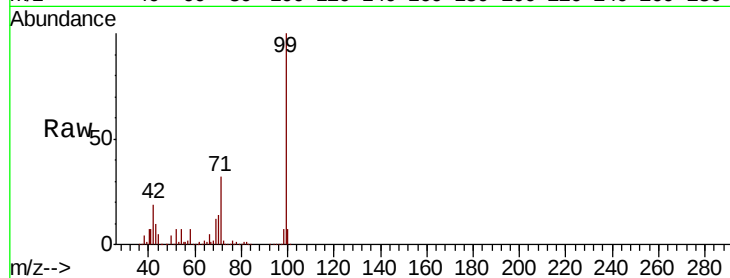
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1096390

Ion	Ratio	Lower	Upper
99	100		
42	19.2	15.8	23.6
71	32.2	28.0	42.0

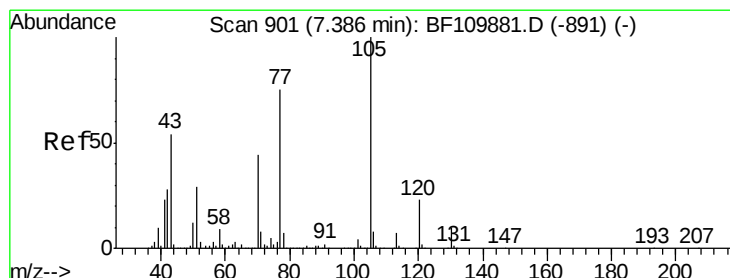
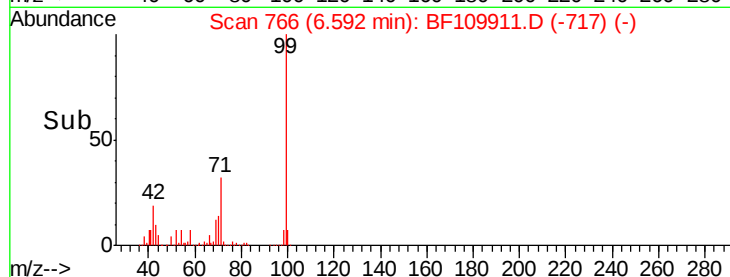
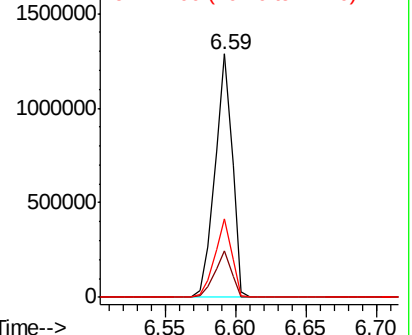


Abundance

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: 8.164 ng

RT: 7.54 min Scan# 927

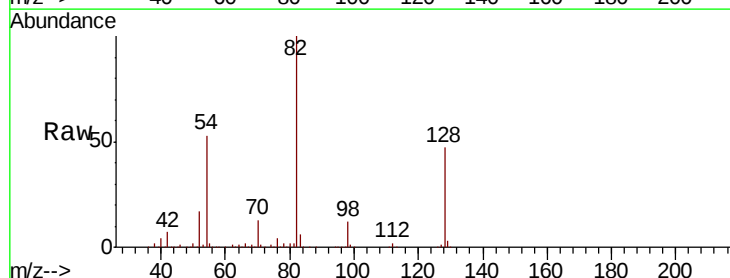
Delta R.T. 0.15 min

Lab File: BF109911.D

Acq: 16 Oct 2018 17:53

Tgt Ion: 70 Resp: 84246

Ion	Ratio	Lower	Upper
70	100		
42	49.7	47.4	71.2
101	0.0	7.3	10.9#
130	2.1	16.2	24.2#



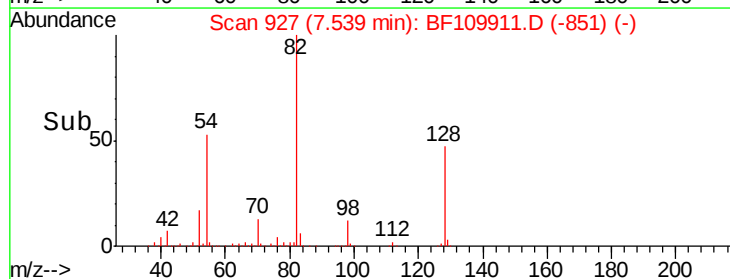
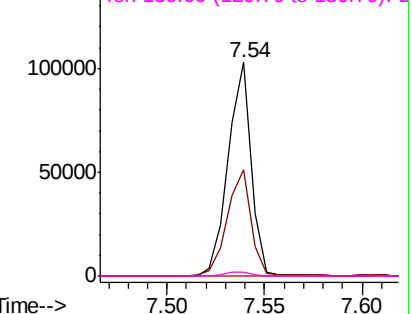
Abundance

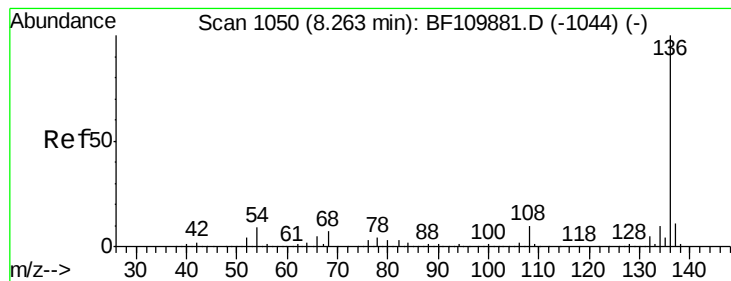
Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1050

Delta R.T. -0.01 min

Lab File: BF109911.D

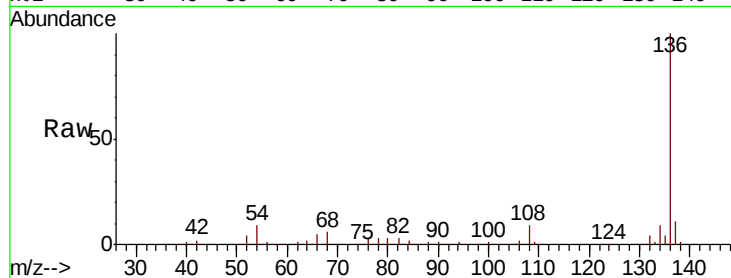
Acq: 16 Oct 2018 17:53

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	734621
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.8 13.2
54	8.6	5.4 8.2#
68	5.9	4.2 6.2

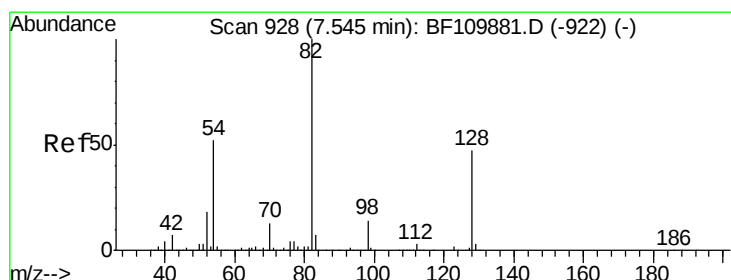
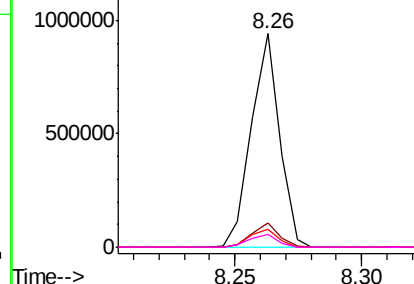
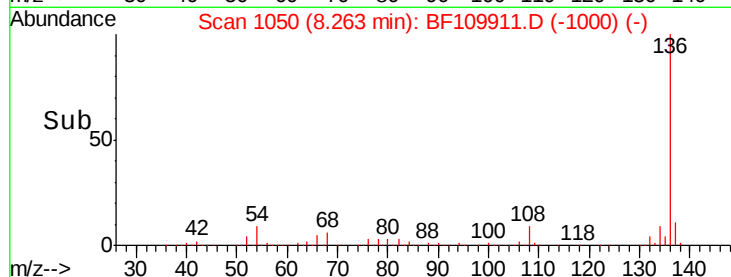


Abundance Ion 136.00 (135.70 to 136.70): E

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: 58.793 ng

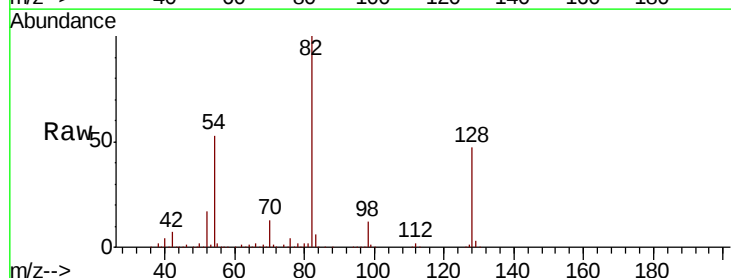
RT: 7.54 min Scan# 927

Delta R.T. -0.01 min

Lab File: BF109911.D

Acq: 16 Oct 2018 17:53

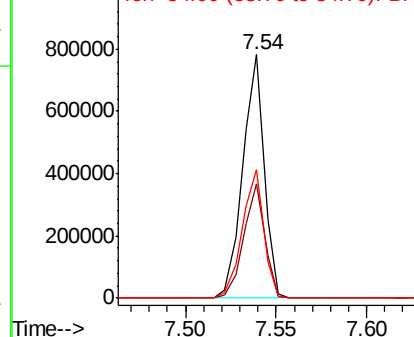
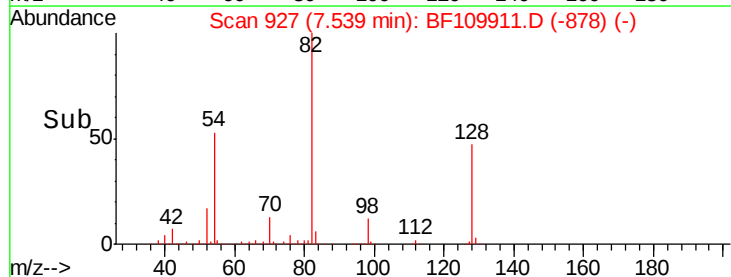
Tgt Ion: 82	Resp:	641148
Ion Ratio	Lower	Upper
82	100	
128	46.9	34.2 51.2
54	52.9	38.6 58.0

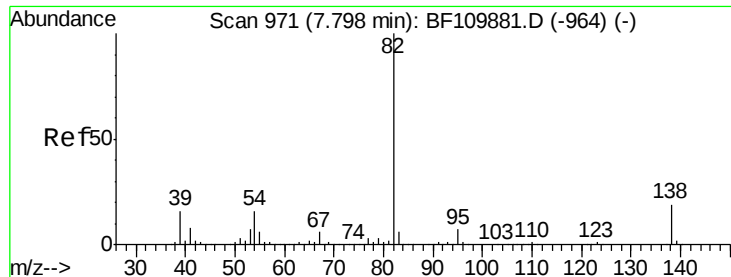


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

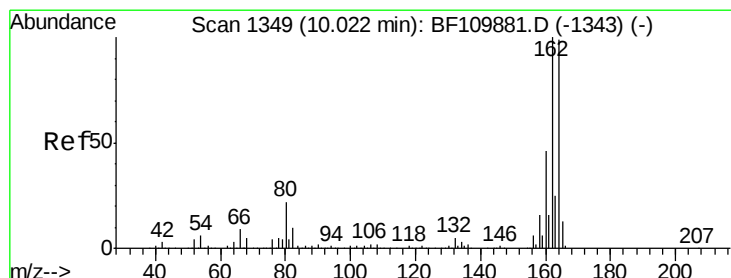
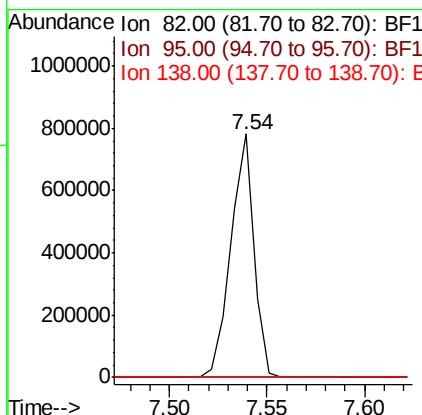
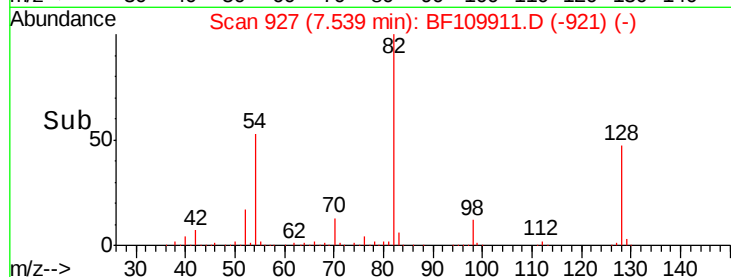
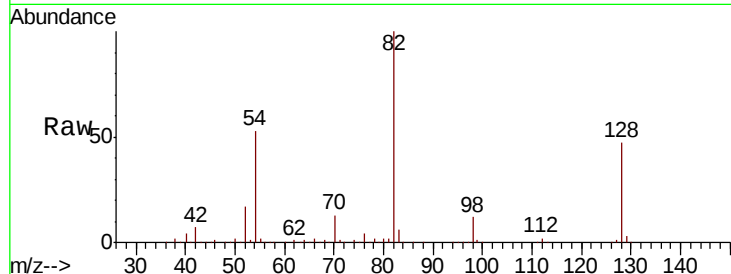




#25
Isophorone
Concen: 29.921 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.26 min
Lab File: BF109911.D
Acq: 16 Oct 2018 17:53

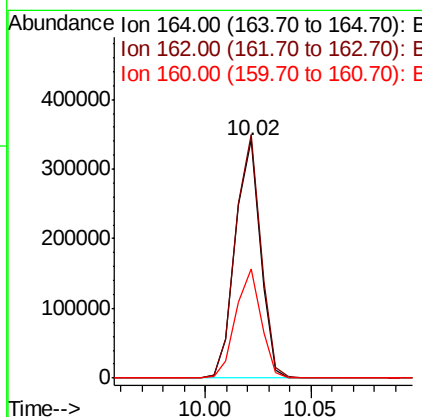
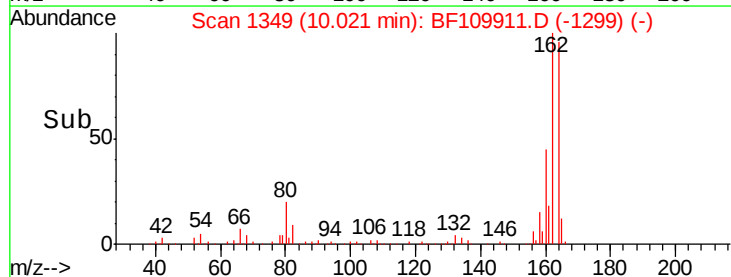
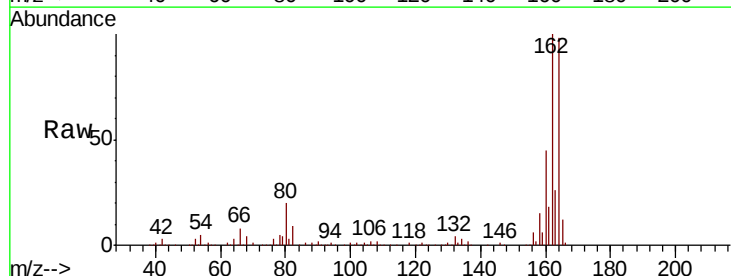
Instrument :
BNA_F
ClientSampled :

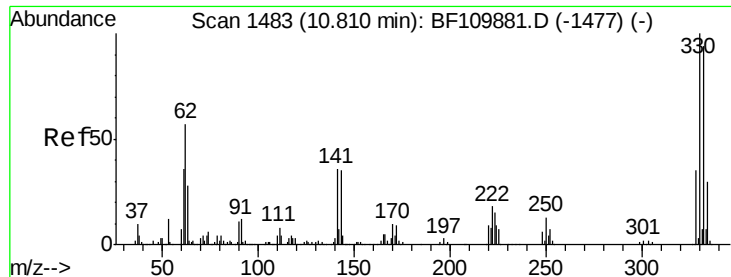
Tot Ion: 82 Resp: 641138
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BF109911.D
Acq: 16 Oct 2018 17:53

Tgt Ion:164 Resp: 279969
Ion Ratio Lower Upper
164 100
162 102.2 83.0 124.6
160 45.7 37.0 55.6

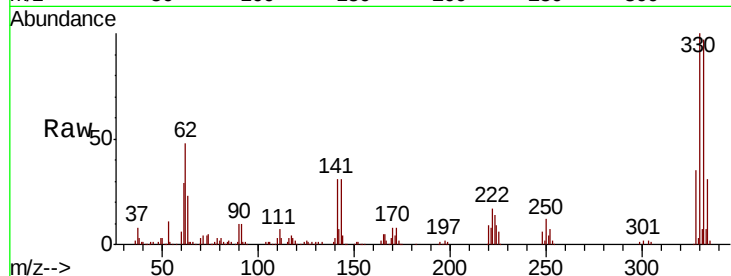




#42
 2,4,6-Tribromophenol
 Concen: 69.408 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. -0.01 min
 Lab File: BF109911.D
 Acq: 16 Oct 2018 17:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.1	115.7
141	35.7	27.0	40.4

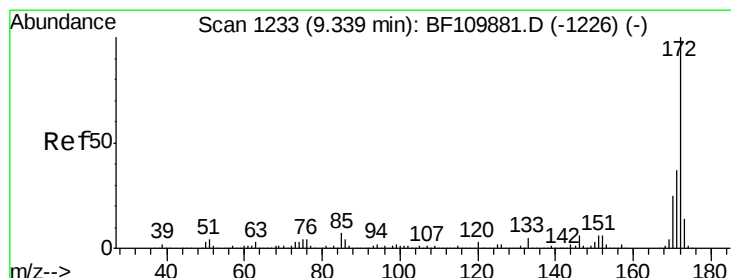
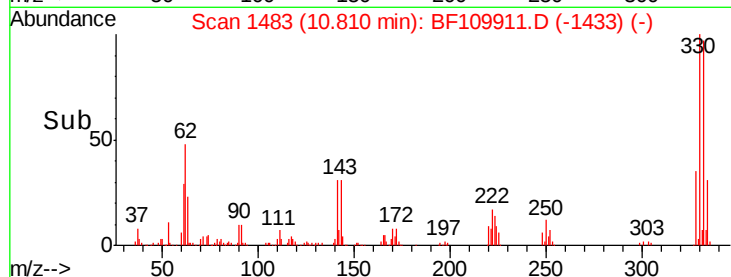
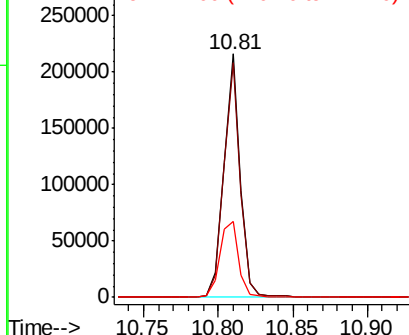


Abundance

Ion 329.80 (329.50 to 330.50): E

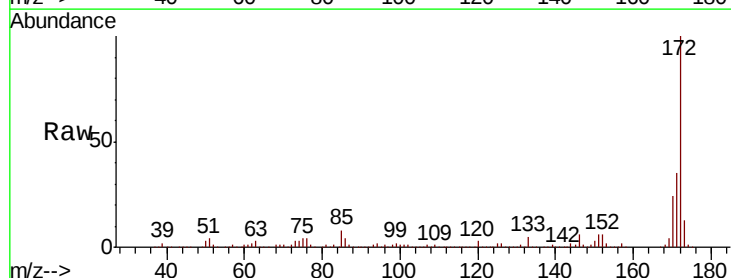
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 61.656 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: BF109911.D
 Acq: 16 Oct 2018 17:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.6	43.0
170	23.6	19.7	29.5

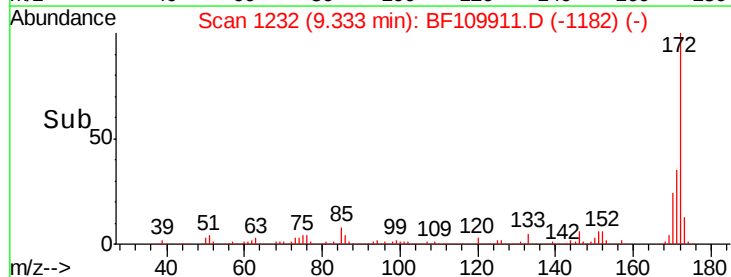
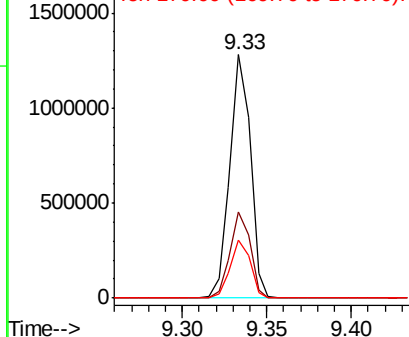


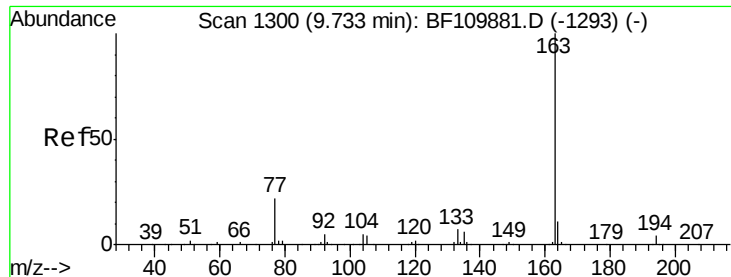
Abundance

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

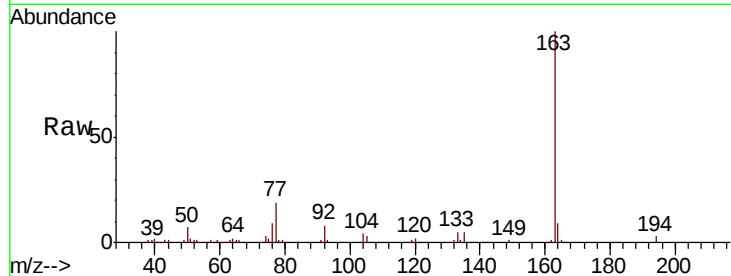




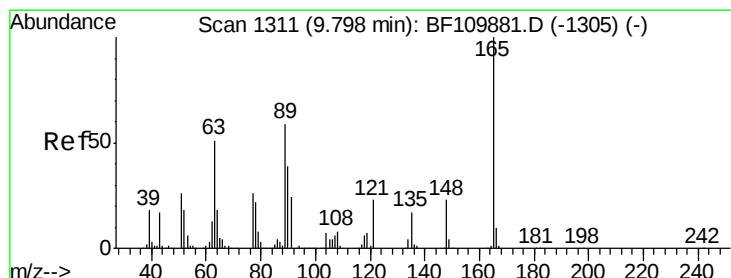
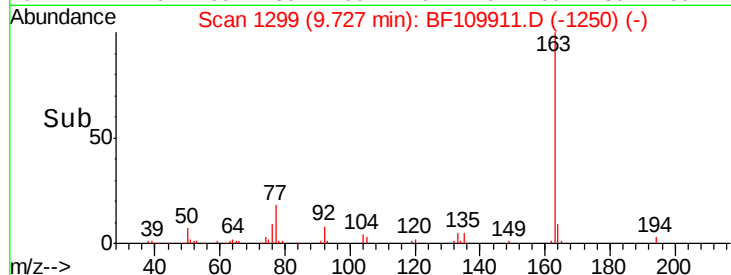
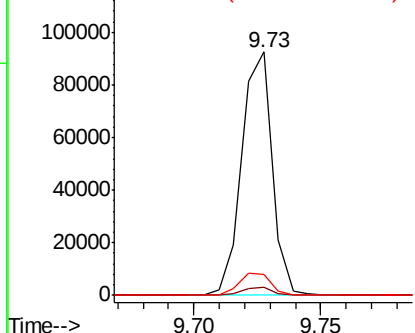
#50
Dimethylphthalate
Concen: 3.890 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF109911.D
Acq: 16 Oct 2018 17:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 77126
Ion Ratio Lower Upper
163 100
194 3.2 3.2 4.8
164 8.7 8.1 12.1

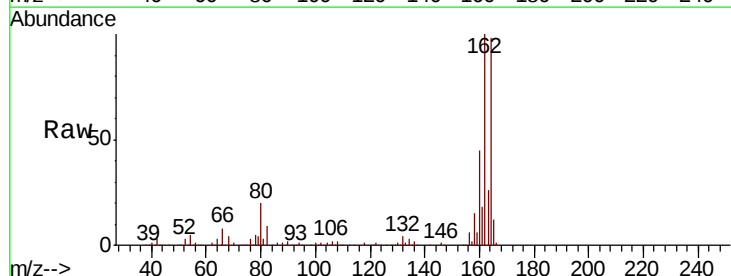


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

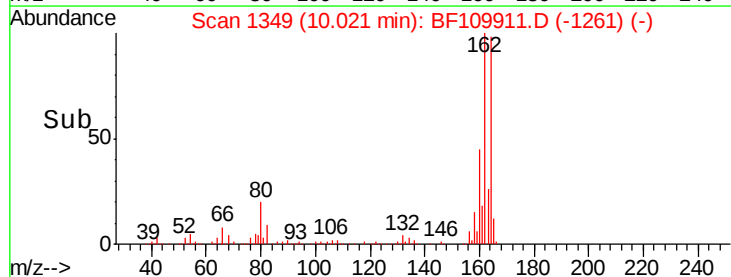
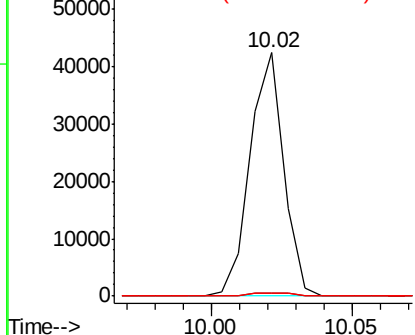


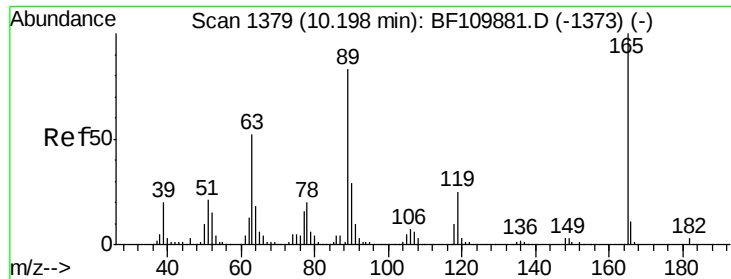
#51
2,6-Dinitrotoluene
Concen: 9.329 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.22 min
Lab File: BF109911.D
Acq: 16 Oct 2018 17:53

Tgt Ion:165 Resp: 35127
Ion Ratio Lower Upper
165 100
63 1.5 48.9 73.3#
89 1.4 46.6 69.8#



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

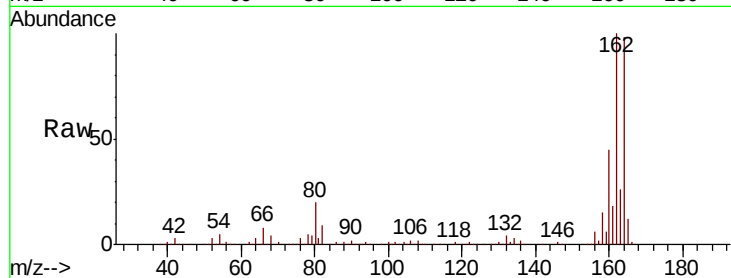




#57
2,4-Dinitrotoluene
Concen: 11.263 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.19 min
Lab File: BF109911.D
Acq: 16 Oct 2018 17:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.8	67.2#
89	1.4	62.2	93.4#
182	0.0	2.1	3.1#



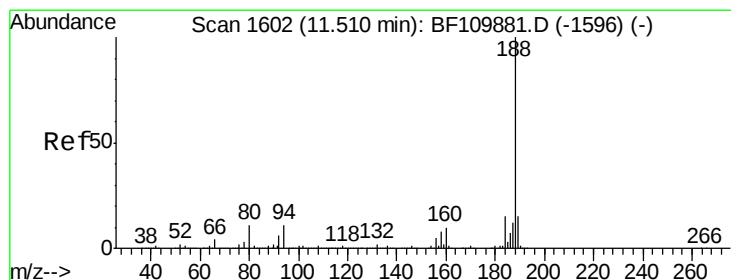
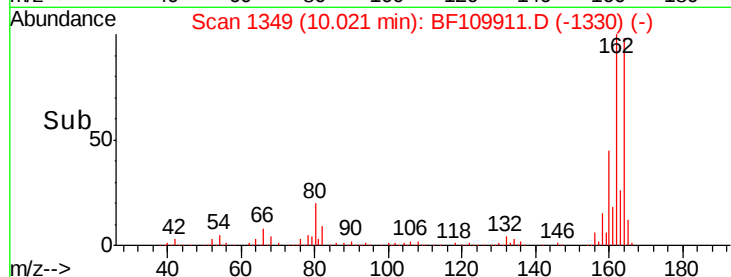
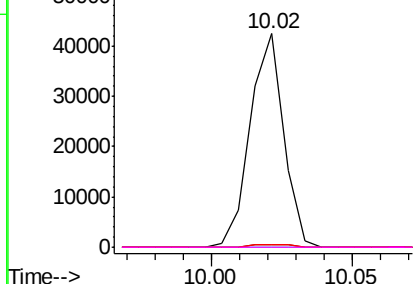
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

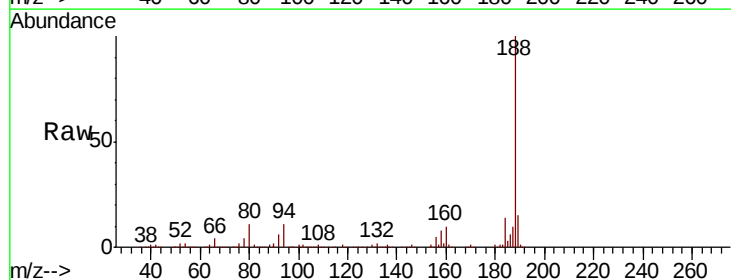
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BF109911.D
Acq: 16 Oct 2018 17:53

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.2	7.2	10.8#
80	11.5	7.9	11.9

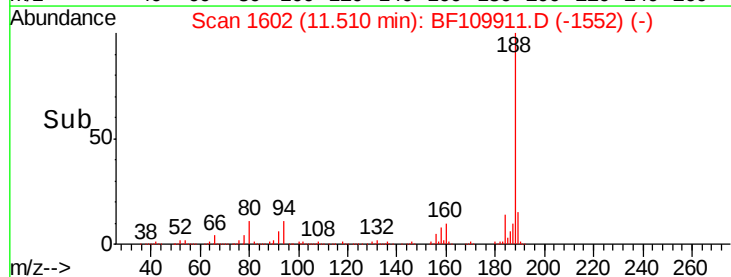
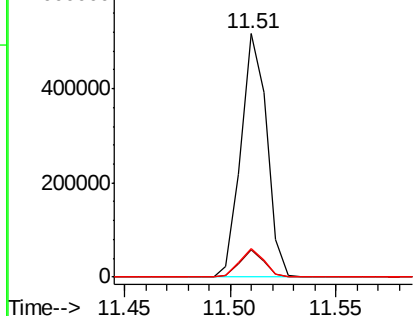


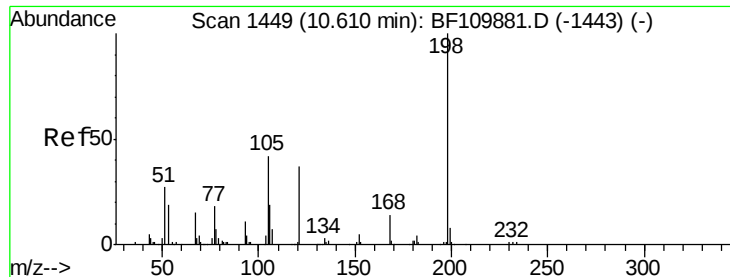
Abundance

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

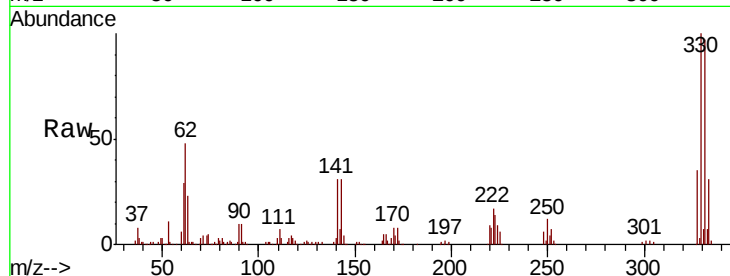




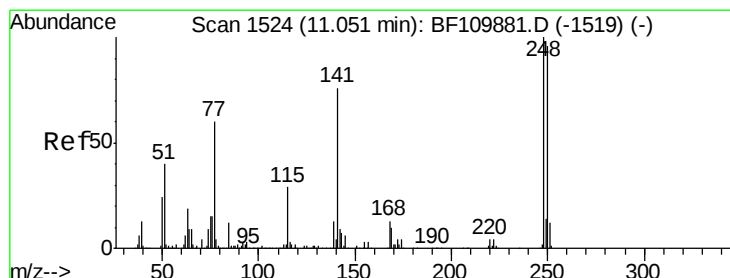
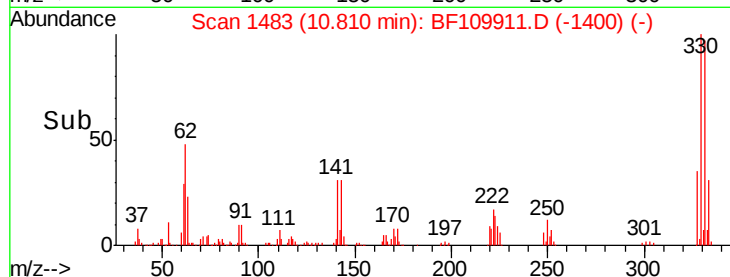
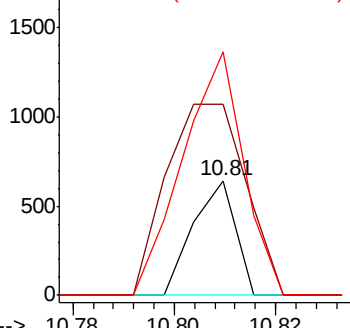
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.101 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. 0.19 min
 Lab File: BF109911.D
 Acq: 16 Oct 2018 17:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 372
 Ion Ratio Lower Upper
 198 100
 51 167.2 22.8 62.8#
 105 212.4 23.6 63.6#

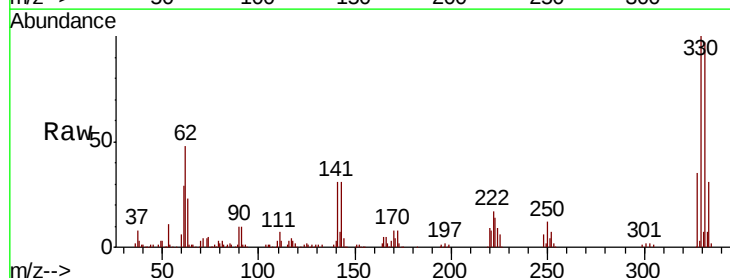


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

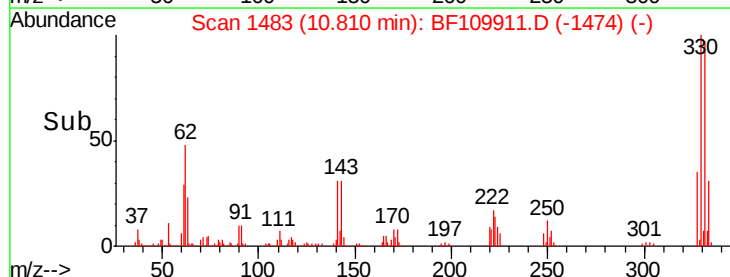
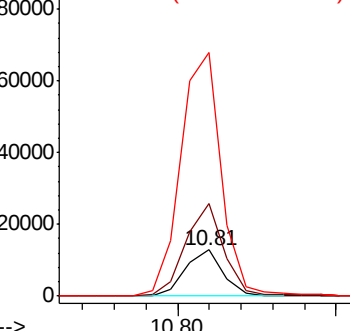


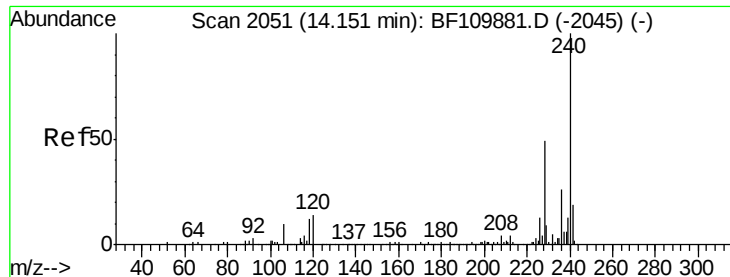
#67
 4-Bromophenyl-phenylether
 Concen: 2.225 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. -0.25 min
 Lab File: BF109911.D
 Acq: 16 Oct 2018 17:53

Tgt Ion:248 Resp: 10540
 Ion Ratio Lower Upper
 248 100
 250 201.6 79.4 119.2#
 141 527.3 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

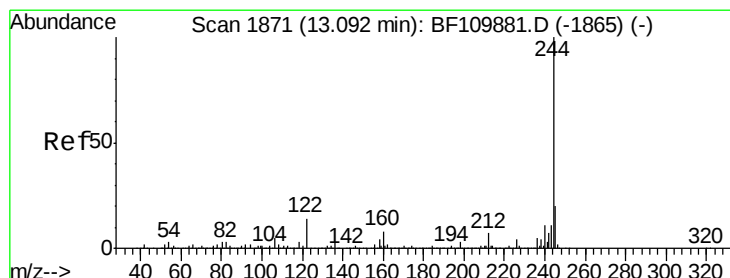
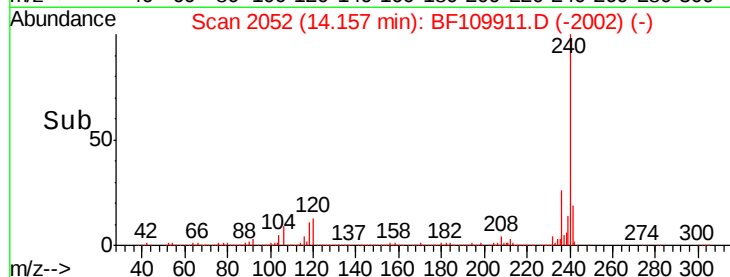
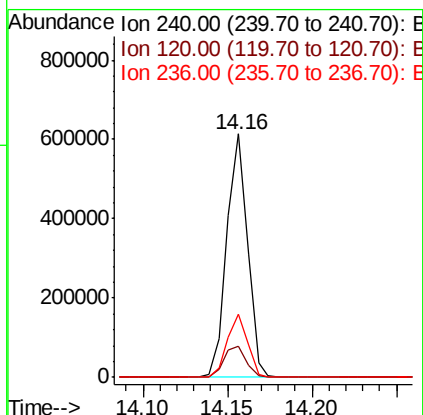
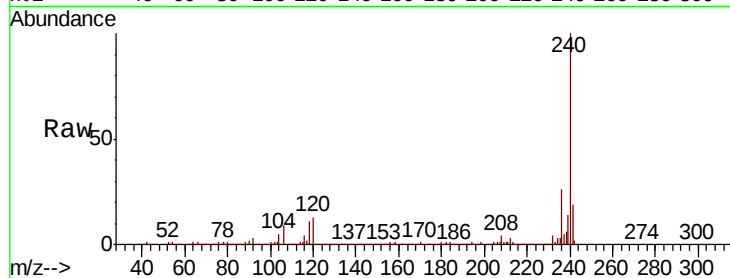




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.16 min Scan# 2052
 Delta R.T. -0.01 min
 Lab File: BF109911.D
 Acq: 16 Oct 2018 17:53

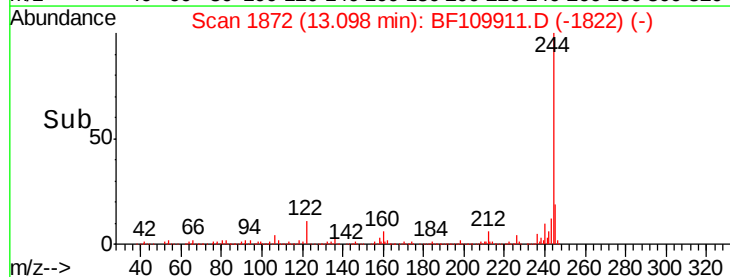
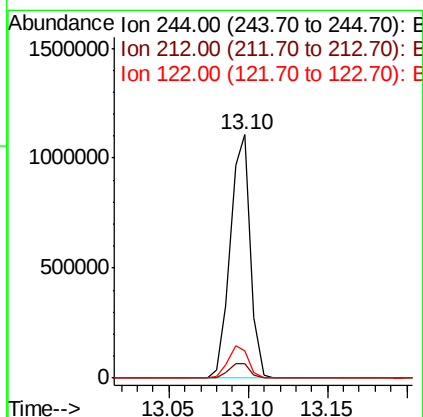
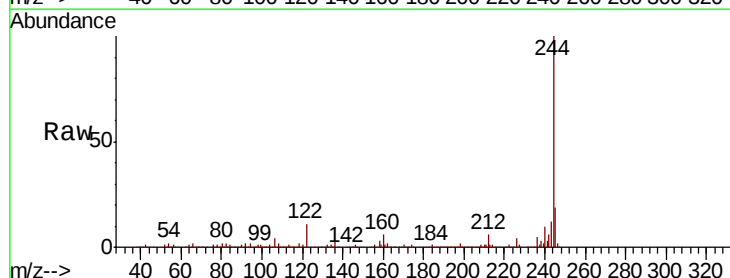
Instrument :
 BNA_F
 ClientSampleId :

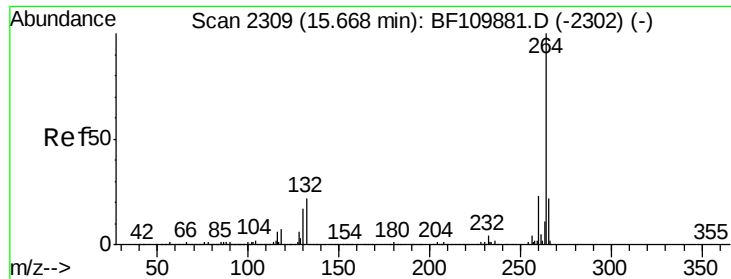
Tot Ion	Ratio	Lower	Upper
240	100		
120	12.8	8.3	12.5#
236	25.7	21.2	31.8



#79
 Terphenyl-d14
 Concen: 38.859 ng
 RT: 13.10 min Scan# 1872
 Delta R.T. -0.01 min
 Lab File: BF109911.D
 Acq: 16 Oct 2018 17:53

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.8	8.8
122	11.0	8.7	13.1





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2312
Delta R.T. -0.01 min
Lab File: BF109911.D
Acq: 16 Oct 2018 17:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.7	28.1
265	21.1	16.7	25.1

