

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102218\
 Data File : BF110058.D
 Acq On : 22 Oct 2018 19:26
 Operator : JU/SJ
 Sample : J5601-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 23 02:10:40 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

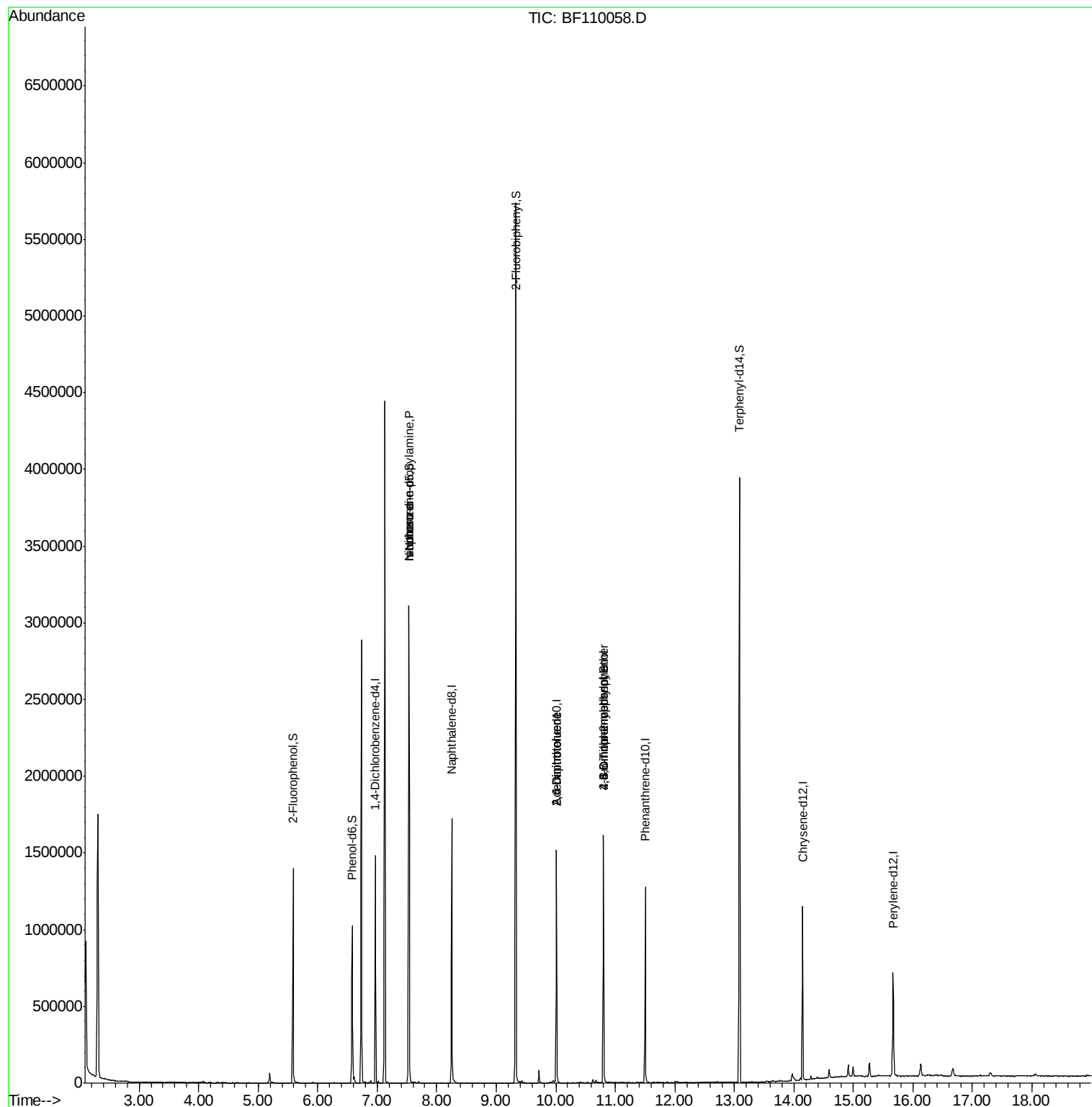
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	196267	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	724729	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	283950	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	447863	20.00	ng	-0.01
76) Chrysene-d12	14.14	240	358623	20.00	ng	-0.02
87) Perylene-d12	15.67	264	258942	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	388850	31.41	ng	-0.01
7) Phenol-d6	6.58	99	288221	18.75	ng	-0.02
23) Nitrobenzene-d5	7.53	82	1033042	96.02	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	176291	71.71	ng	-0.02
45) 2-Fluorobiphenyl	9.33	172	1708312	96.00	ng	-0.01
79) Terphenyl-d14	13.09	244	1221261	71.51	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.53	70	135807	13.757	ng	# 79
25) Isophorone	7.53	82	1033146	48.874	ng	# 67
51) 2,6-Dinitrotoluene	10.01	165	36156	9.468	ng	# 22
57) 2,4-Dinitrotoluene	10.01	165	36156	11.362	ng	# 19
65) 4,6-Dinitro-2-methylphenol	10.80	198	235	8.025	ng	# 1
67) 4-Bromophenyl-phenylether	10.80	248	10830	2.231	ng	# 1

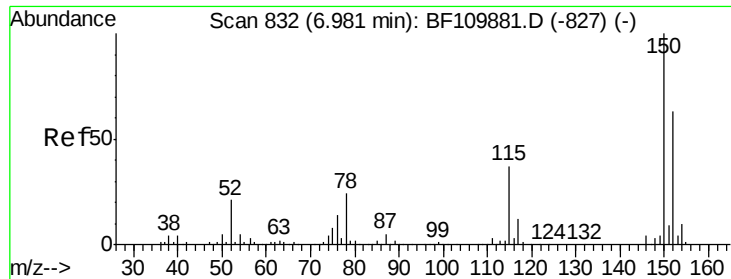
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 14:58:24 2018
Response via : Initial Calibration



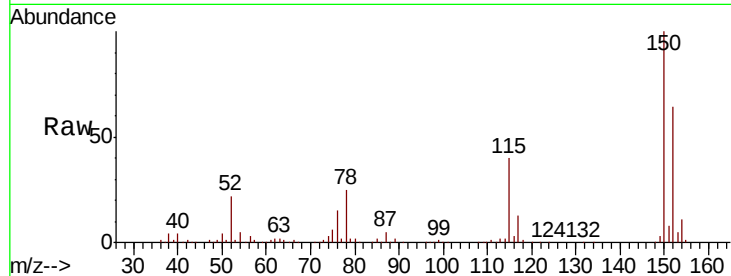


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110058.D
Acq: 22 Oct 2018 19:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	122.7	184.1
115	62.6	49.1	73.7

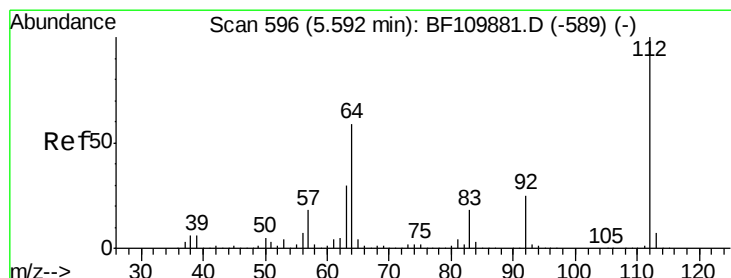
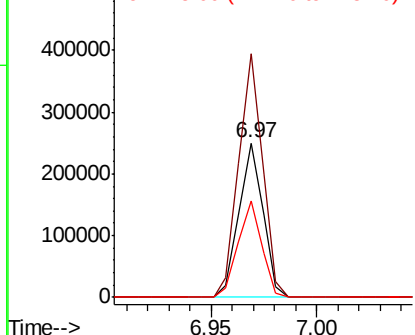
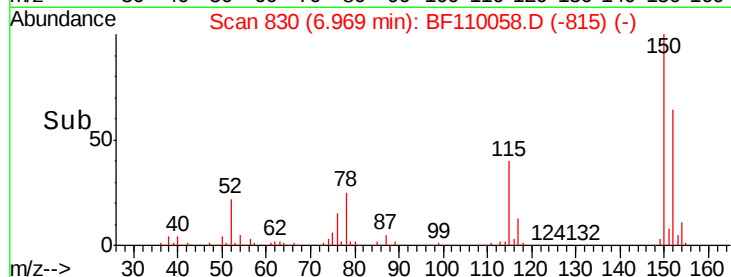


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

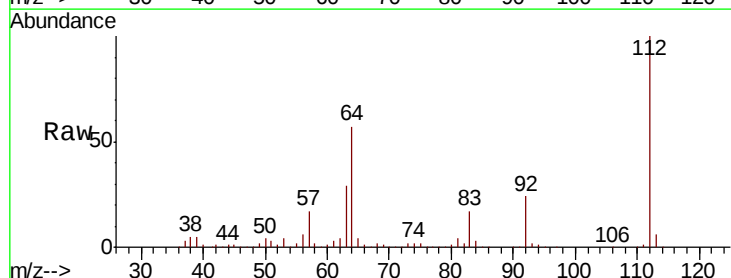
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 31.405 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF110058.D
Acq: 22 Oct 2018 19:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.2	44.1	66.1
63	28.6	23.7	35.5

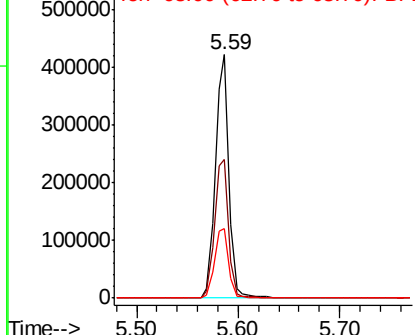
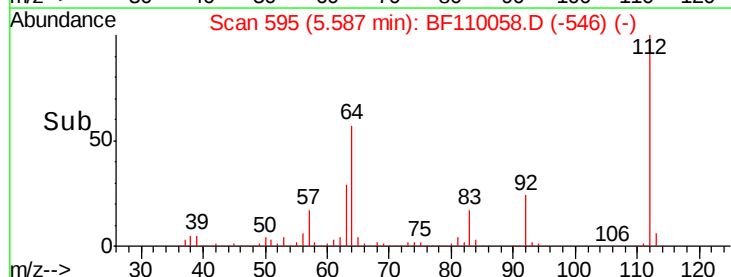


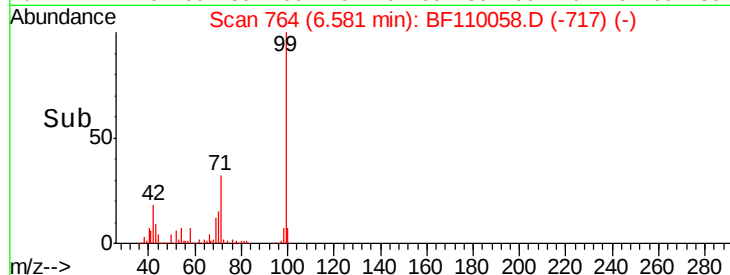
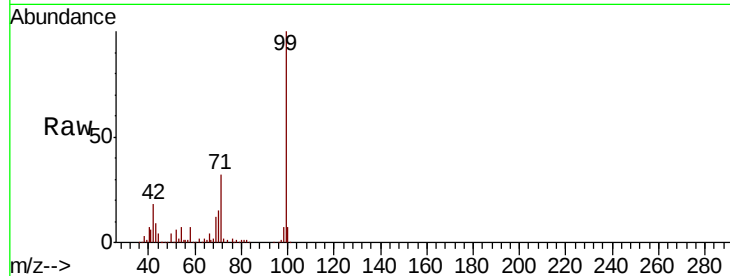
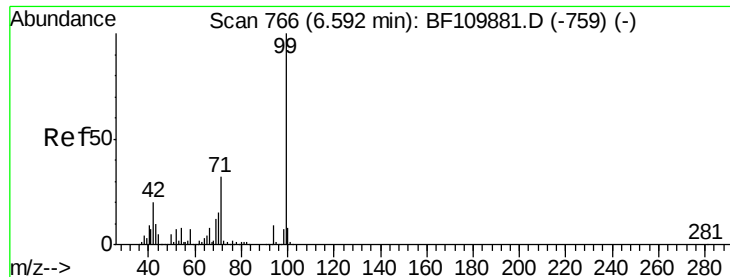
Abundance

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: 18.746 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF110058.D

Acq: 22 Oct 2018 19:26

Instrument :

BNA_F

ClientSampled :

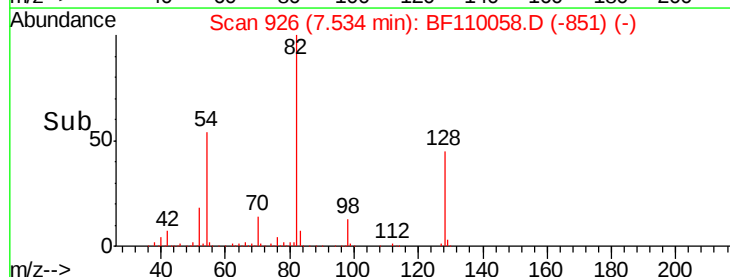
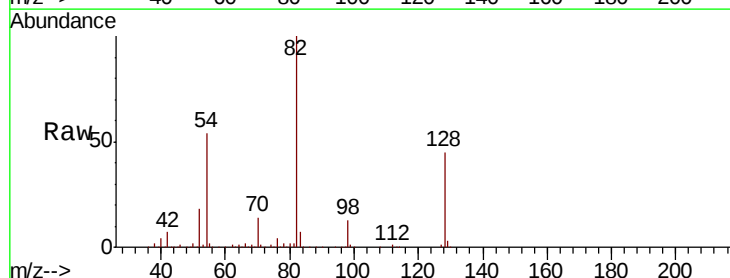
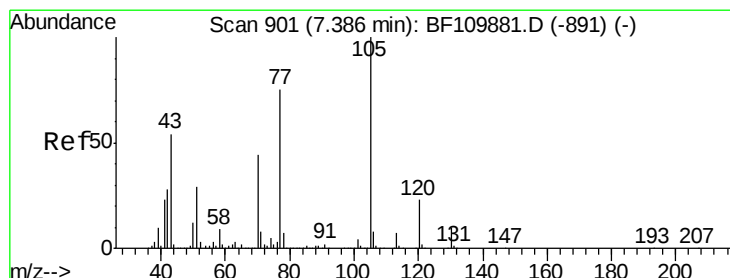
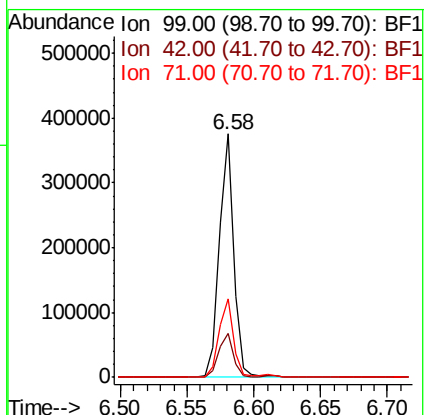
Tot Ion: 99 Resp: 288221

Ion Ratio Lower Upper

99 100

42 18.0 15.8 23.6

71 32.2 28.0 42.0



#19

n-Nitroso-di-n-propylamine

Concen: 13.757 ng

RT: 7.53 min Scan# 926

Delta R.T. 0.14 min

Lab File: BF110058.D

Acq: 22 Oct 2018 19:26

Tgt Ion: 70 Resp: 135807

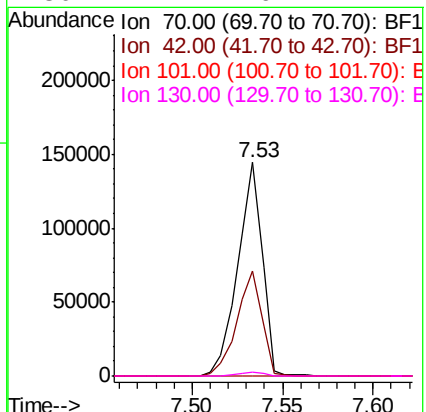
Ion Ratio Lower Upper

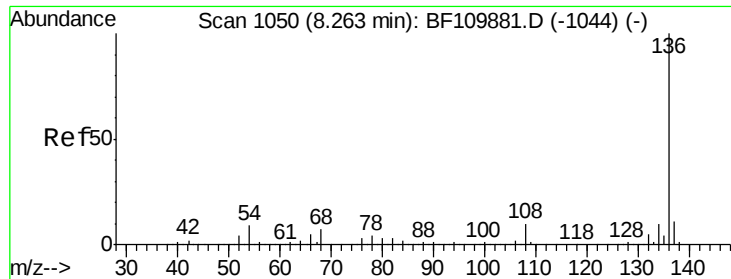
70 100

42 49.0 47.4 71.2

101 0.0 7.3 10.9#

130 1.7 16.2 24.2#

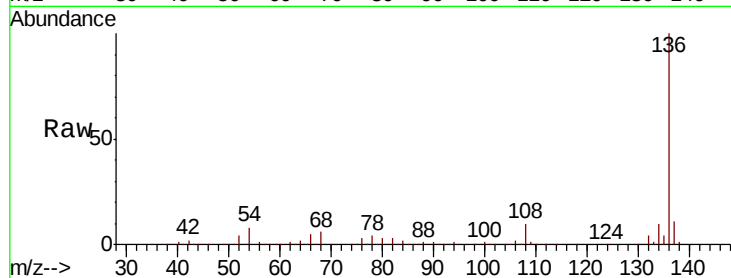




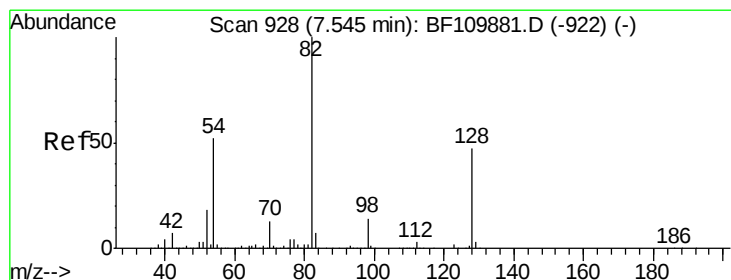
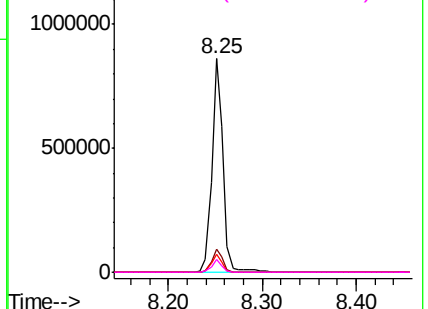
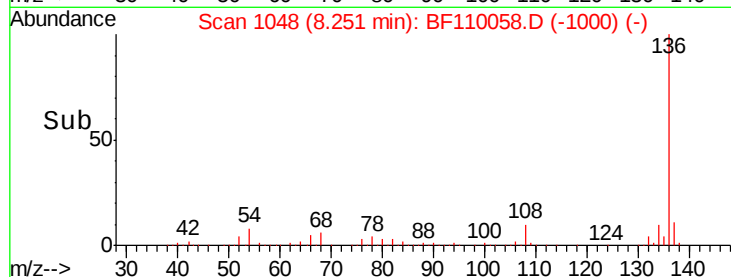
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110058.D
Acq: 22 Oct 2018 19:26

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	724729
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.8 13.2
54	8.3	5.4 8.2#
68	6.0	4.2 6.2

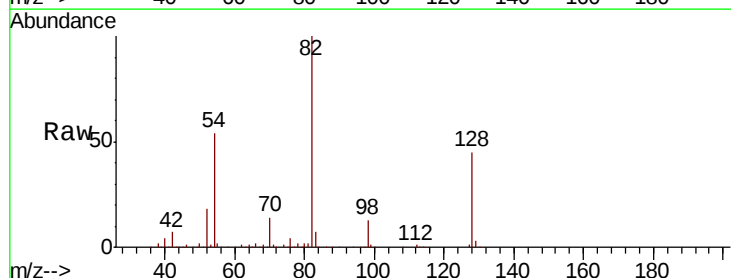


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

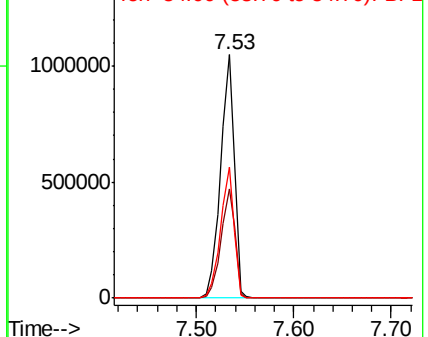
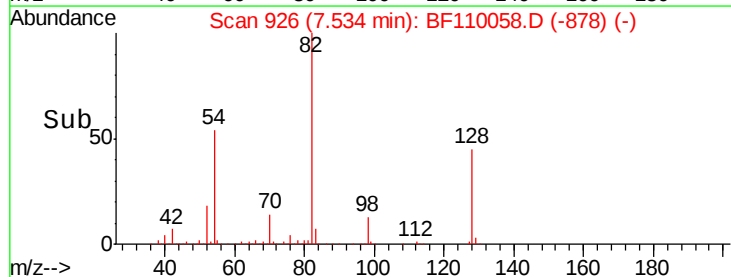


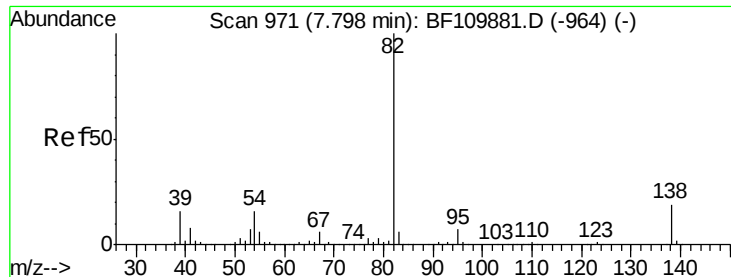
#23
Nitrobenzene-d5
Concen: 96.022 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.02 min
Lab File: BF110058.D
Acq: 22 Oct 2018 19:26

Tgt Ion: 82	Resp:	1033042
Ion Ratio	Lower	Upper
82	100	
128	44.8	34.2 51.2
54	53.5	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

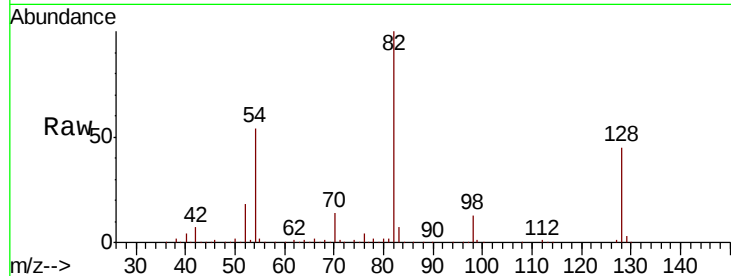




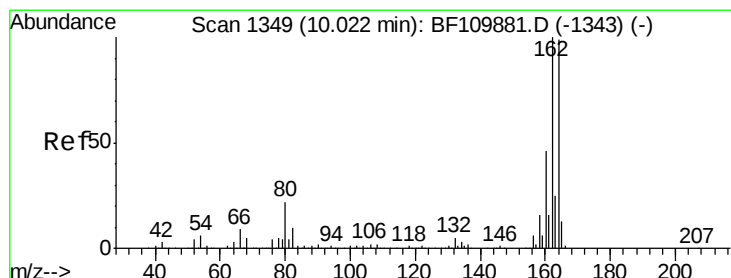
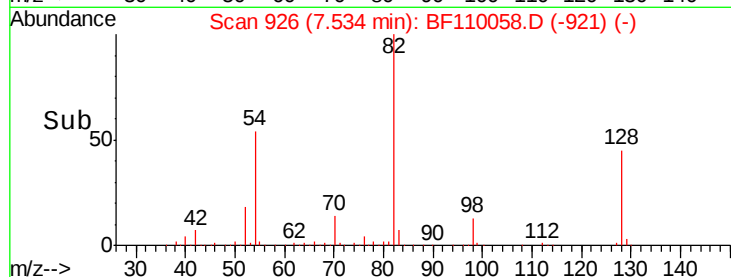
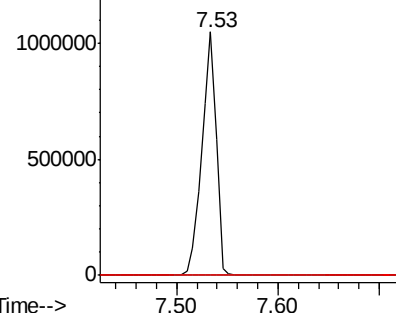
#25
Isophorone
Concen: 48.874 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.27 min
Lab File: BF110058.D
Acq: 22 Oct 2018 19:26

Instrument :
BNA_F
ClientSampleID :

Tot Ion: 82 Resp: 1033146
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.2 19.8#

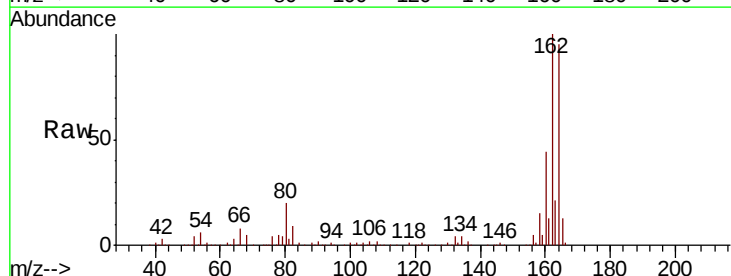


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

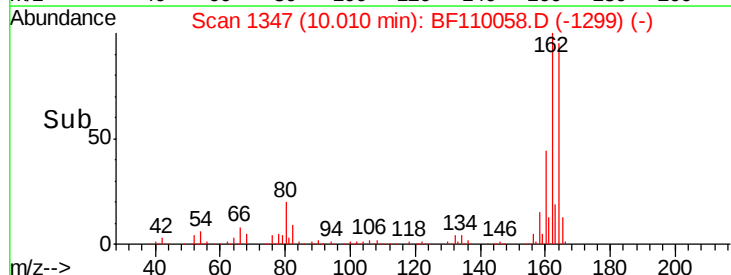
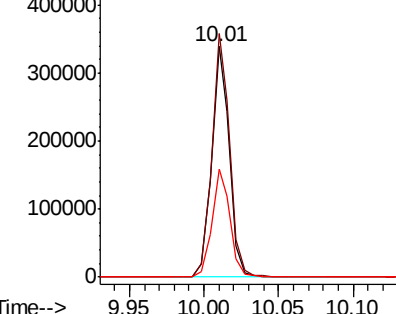


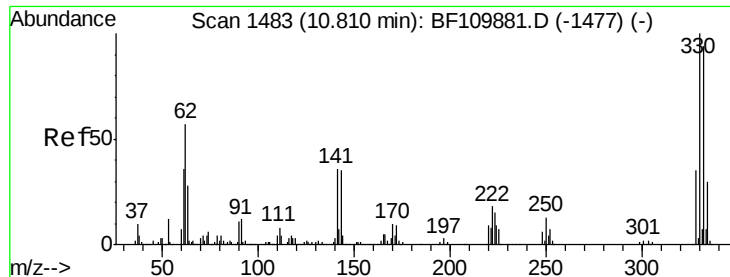
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BF110058.D
Acq: 22 Oct 2018 19:26

Tgt Ion:164 Resp: 283950
Ion Ratio Lower Upper
164 100
162 105.6 83.0 124.6
160 46.6 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

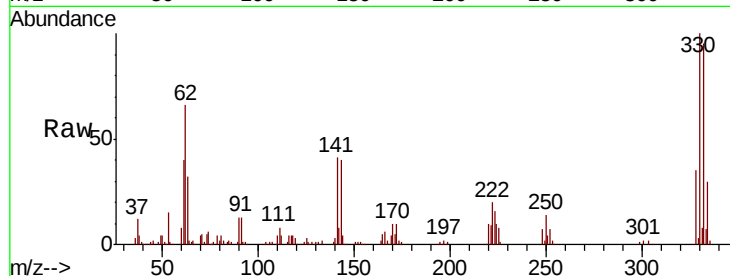




#42
 2,4,6-Tribromophenol
 Concen: 71.711 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.02 min
 Lab File: BF110058.D
 Acq: 22 Oct 2018 19:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.1	115.7
141	37.5	27.0	40.4

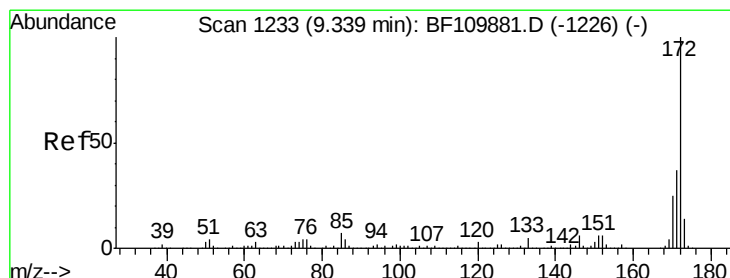
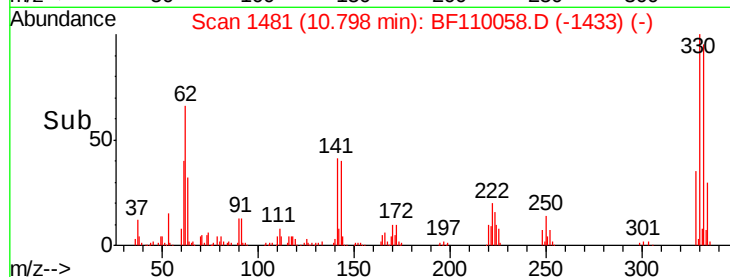
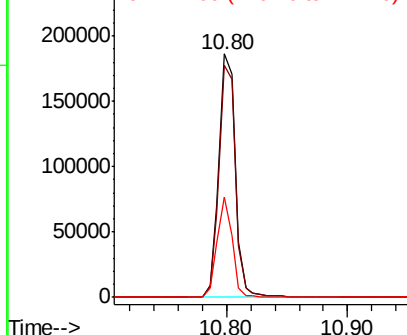


Abundance

Ion 329.80 (329.50 to 330.50): E

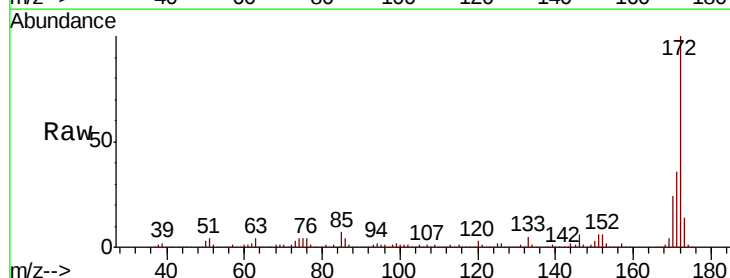
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 95.998 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF110058.D
 Acq: 22 Oct 2018 19:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	43.0
170	23.8	19.7	29.5

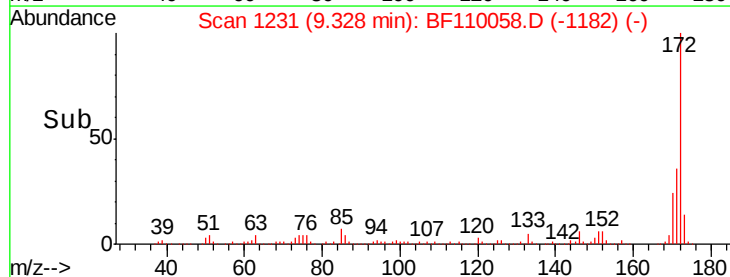
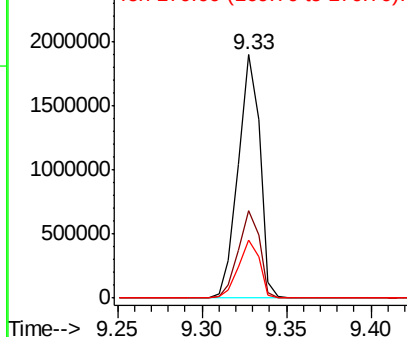


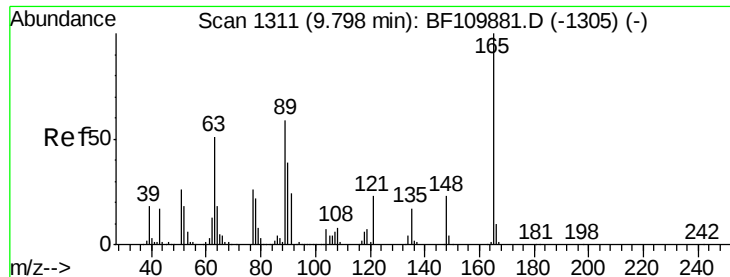
Abundance

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

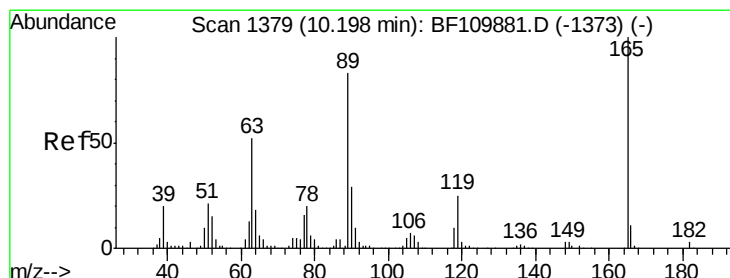
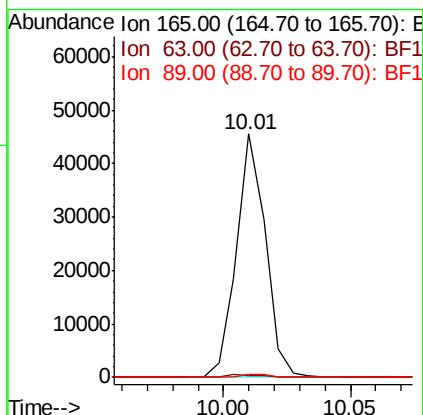
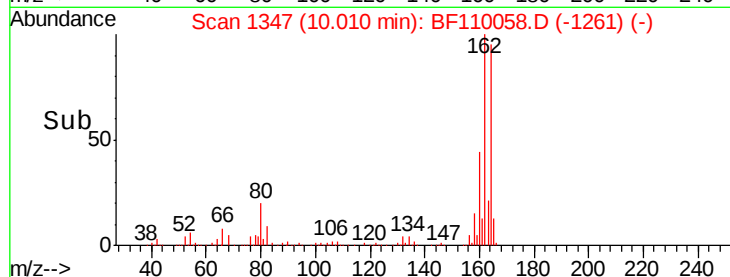
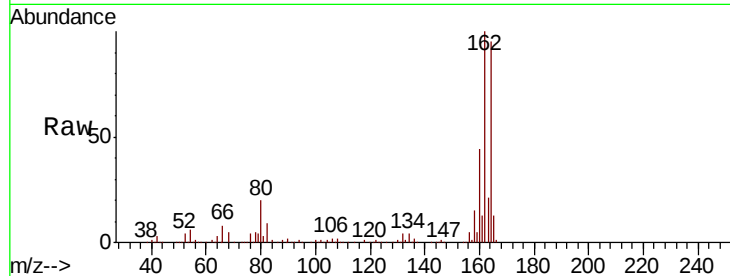




#51
 2,6-Dinitrotoluene
 Concen: 9.468 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. 0.21 min
 Lab File: BF110058.D
 Acq: 22 Oct 2018 19:26

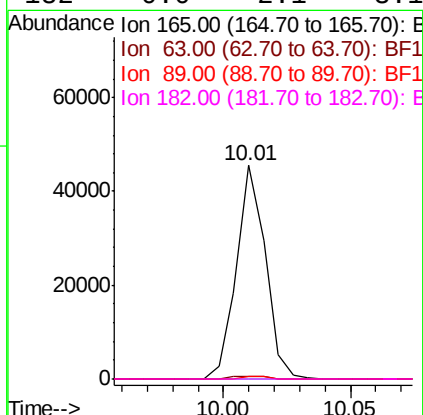
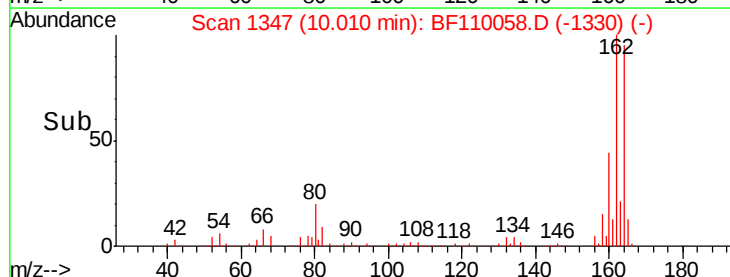
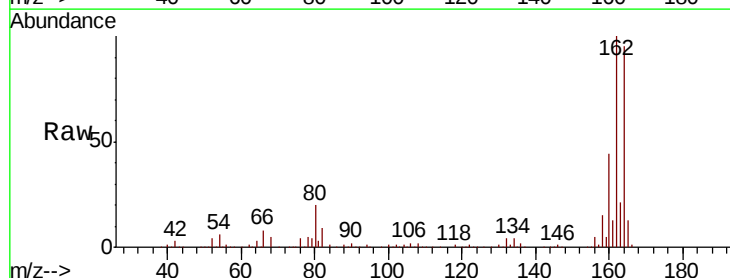
Instrument :
 BNA_F
 ClientSampleId :

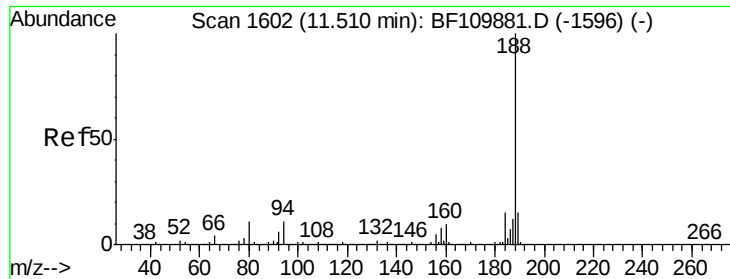
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.9	48.9	73.3#
89	1.5	46.6	69.8#



#57
 2,4-Dinitrotoluene
 Concen: 11.362 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. -0.20 min
 Lab File: BF110058.D
 Acq: 22 Oct 2018 19:26

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	44.8	67.2#
89	1.5	62.2	93.4#
182	0.0	2.1	3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1601

Delta R.T. -0.01 min

Lab File: BF110058.D

Acq: 22 Oct 2018 19:26

Instrument :

BNA_F

ClientSampleId :

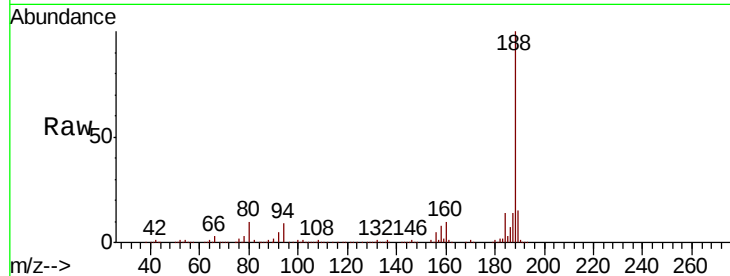
Tot Ion:188 Resp: 447863

Ion Ratio Lower Upper

188 100

94 9.0 7.2 10.8

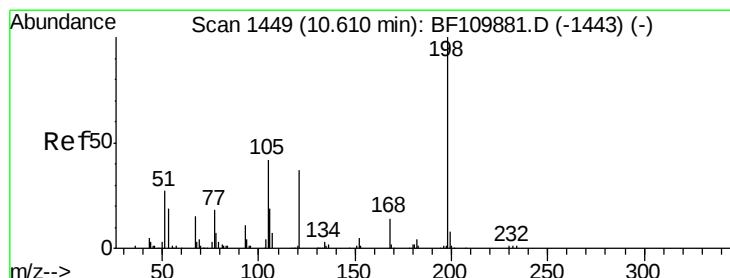
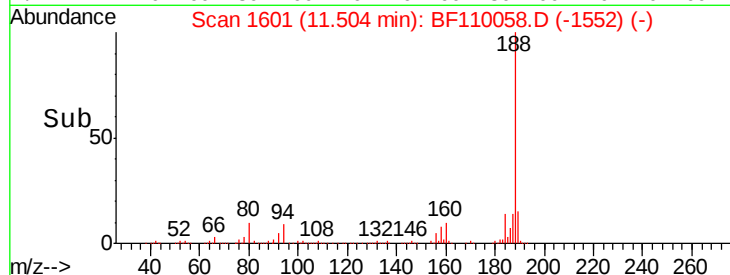
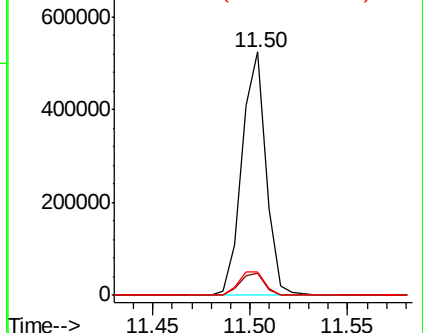
80 9.5 7.9 11.9



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: 8.025 ng

RT: 10.80 min Scan# 1481

Delta R.T. 0.18 min

Lab File: BF110058.D

Acq: 22 Oct 2018 19:26

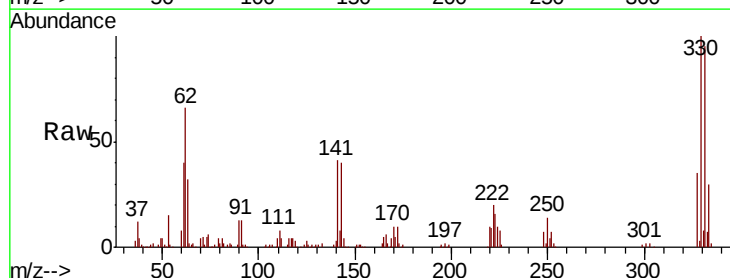
Tgt Ion:198 Resp: 235

Ion Ratio Lower Upper

198 100

51 427.2 22.8 62.8#

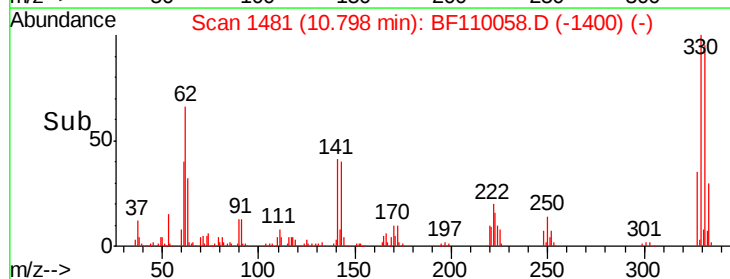
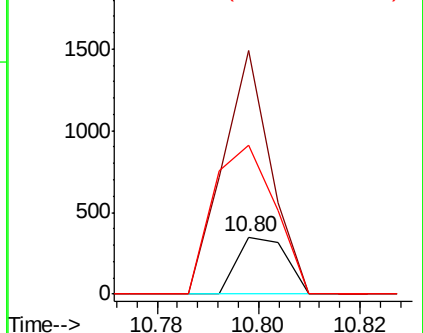
105 260.5 23.6 63.6#

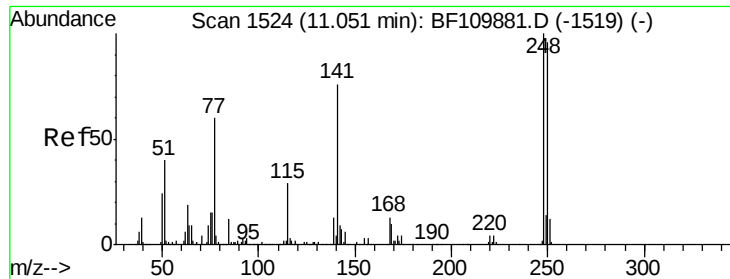


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

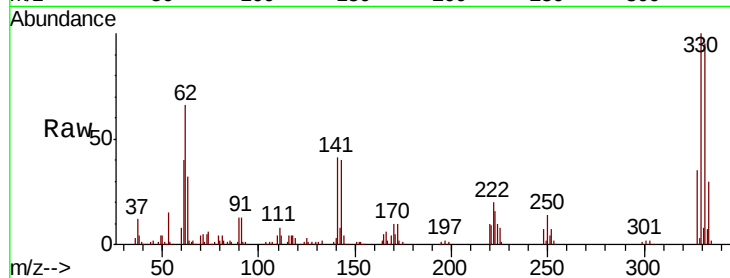




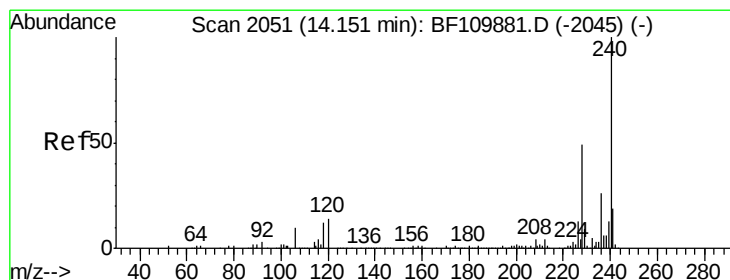
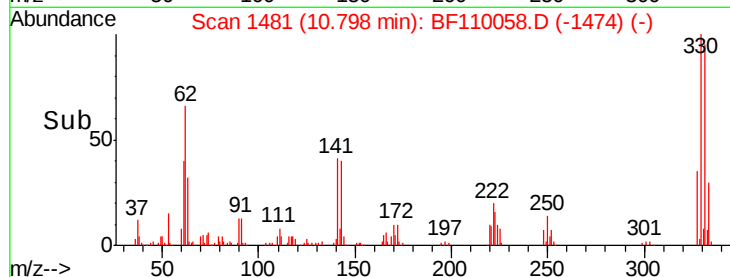
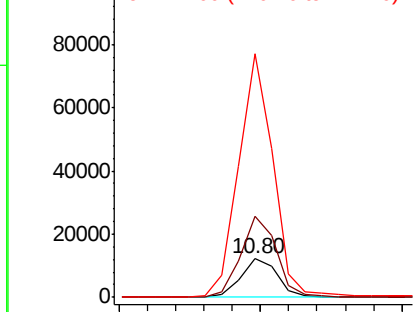
#67
 4-Bromophenyl-phenylether
 Concen: 2.231 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.26 min
 Lab File: BF110058.D
 Acq: 22 Oct 2018 19:26

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 10830
 Ion Ratio Lower Upper
 248 100
 250 210.2 79.4 119.2#
 141 633.6 55.9 83.9#

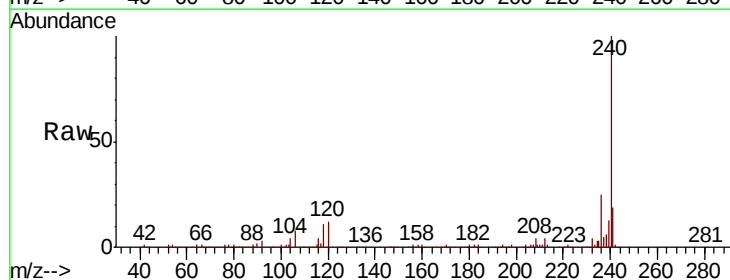


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

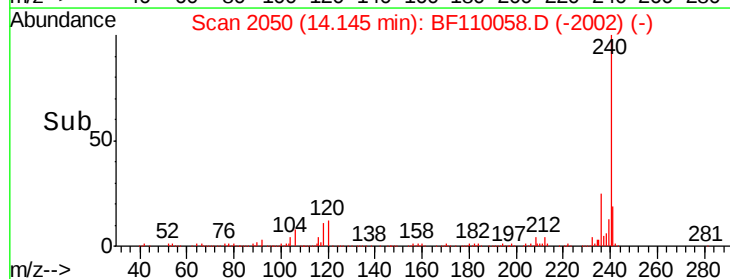
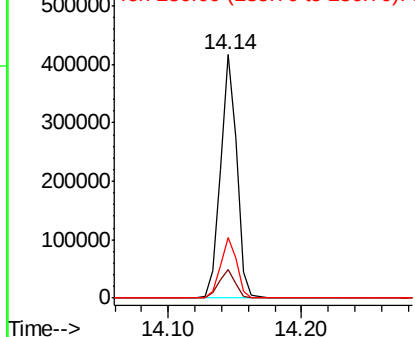


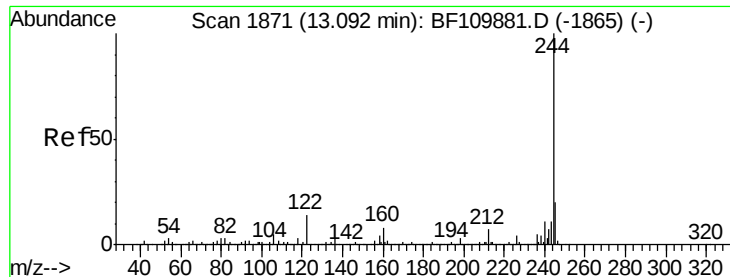
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2050
 Delta R.T. -0.02 min
 Lab File: BF110058.D
 Acq: 22 Oct 2018 19:26

Tgt Ion:240 Resp: 358623
 Ion Ratio Lower Upper
 240 100
 120 11.8 8.3 12.5
 236 24.7 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

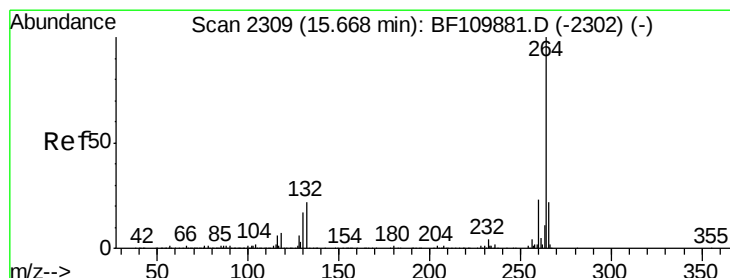
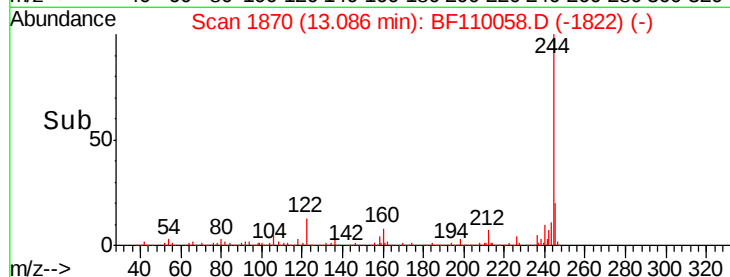
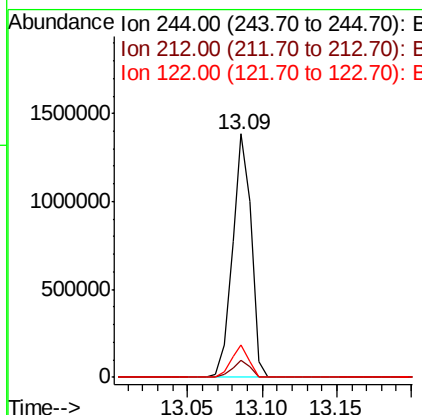
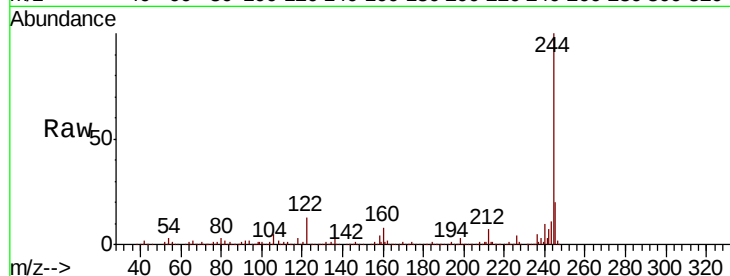




#79
 Terphenyl-d14
 Concen: 71.511 ng
 RT: 13.09 min Scan# 1870
 Delta R.T. -0.02 min
 Lab File: BF110058.D
 Acq: 22 Oct 2018 19:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1221261
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 13.4 8.7 13.1#



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2309
 Delta R.T. -0.02 min
 Lab File: BF110058.D
 Acq: 22 Oct 2018 19:26

Tgt Ion:264 Resp: 258942
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.7 28.1
 265 21.4 16.7 25.1

