

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF032318\
 Data File : BF103902.D
 Acq On : 24 Mar 2018 1:48
 Operator : JU/SJ
 Sample : J2012-04
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 24 03:14:06 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 13:26:17 2018
 Response via : Initial Calibration

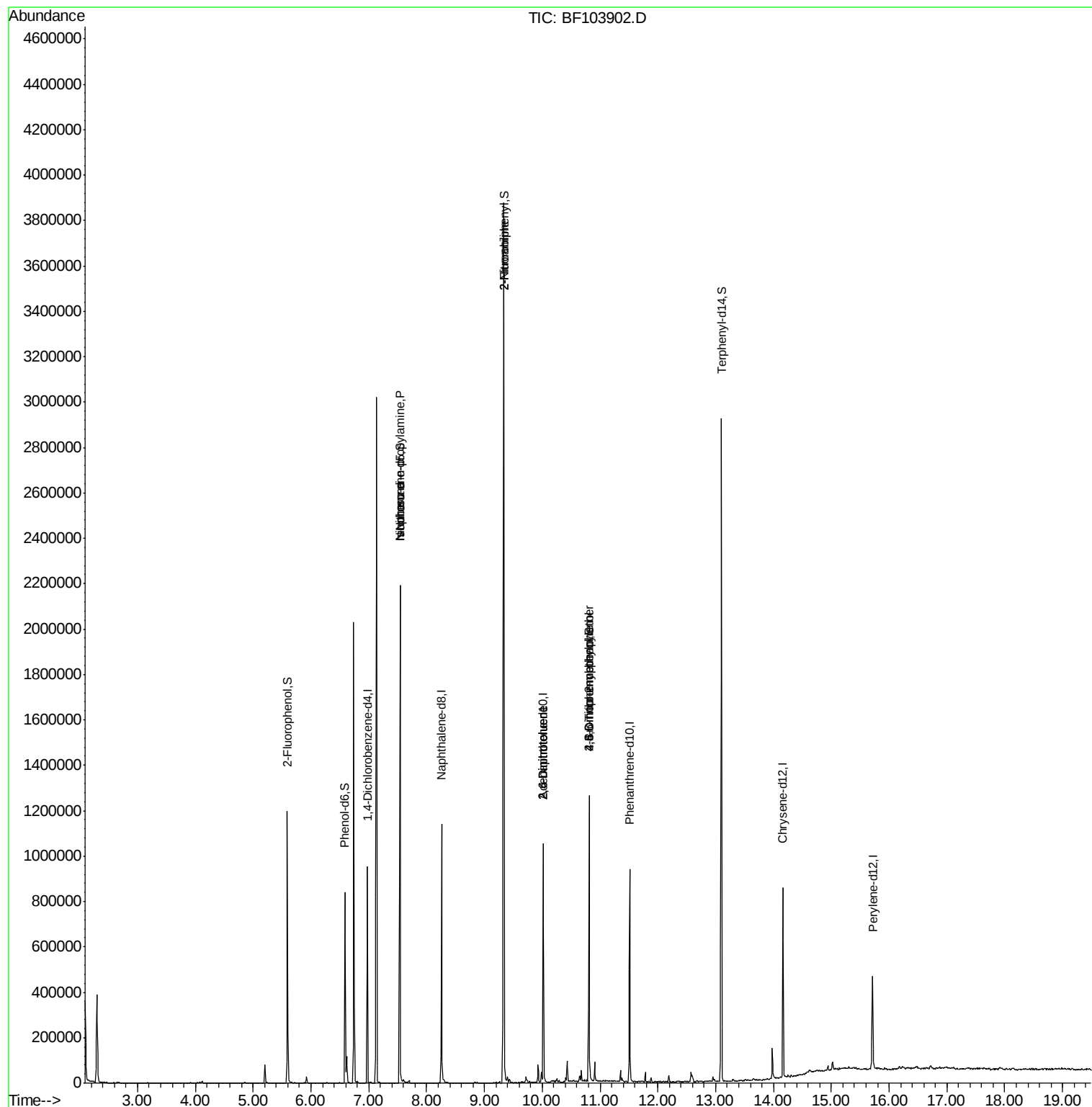
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	130599	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	494695	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	201555	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	317171	20.00	ng	0.00
75) Chrysene-d12	14.16	240	266298	20.00	ng	0.00
86) Perylene-d12	15.72	264	194648	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	343503	40.01	ng	0.00
7) Phenol-d6	6.59	99	277315	26.40	ng	-0.01
23) Nitrobenzene-d5	7.54	82	731356	103.10	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	159945	92.29	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1261591	99.85	ng	0.00
78) Terphenyl-d14	13.10	244	989022	86.21	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.54	70	93565	13.898	ng	# 72
25) Isophorone	7.54	82	731342	44.535	ng	# 64
47) 2-Nitroaniline	9.33	65	1740	7.242	ng	# 1
50) 2,6-Dinitrotoluene	10.02	165	25644	11.889	ng	# 25
56) 2,4-Dinitrotoluene	10.02	165	25644	12.137	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.80	198	244	8.347	ng	# 1
66) 4-Bromophenyl-phenylether	10.81	248	9240	2.837	ng	# 1

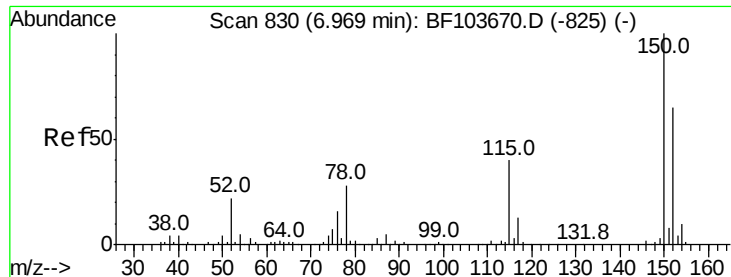
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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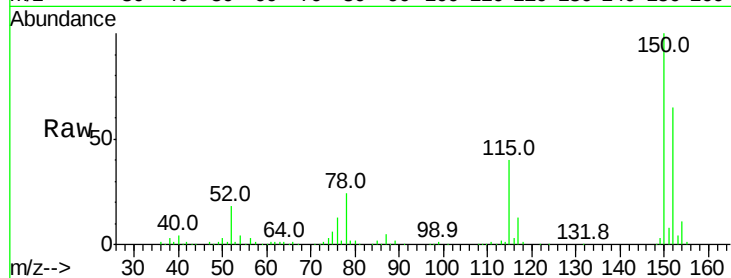


#1

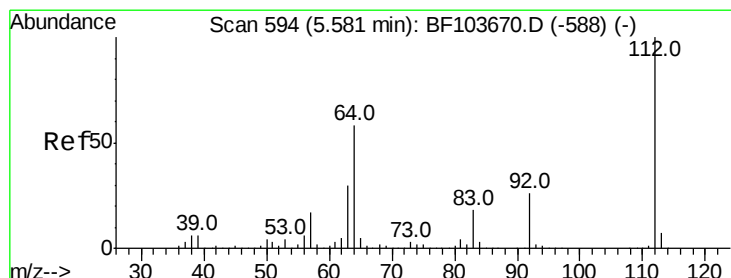
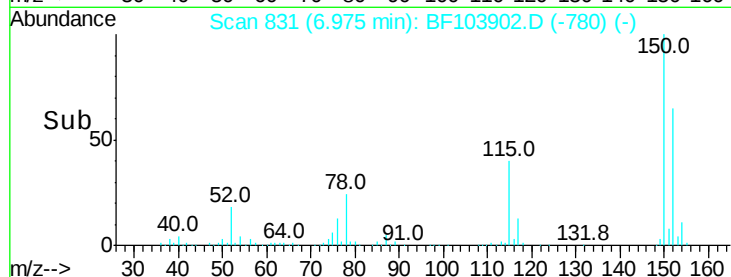
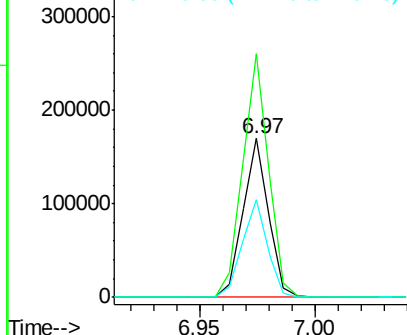
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BF103902.D
 Acq: 24 Mar 2018 1:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 130599
 Ion Ratio Lower Upper
 152 100
 150 153.1 124.6 186.8
 115 61.7 50.1 75.1



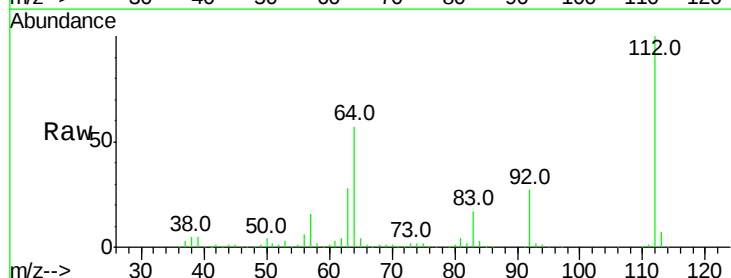
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



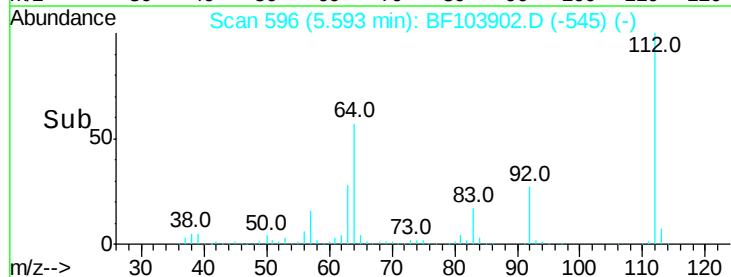
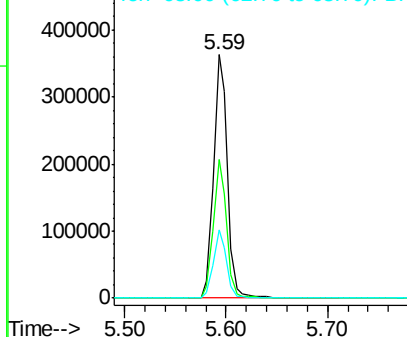
#5

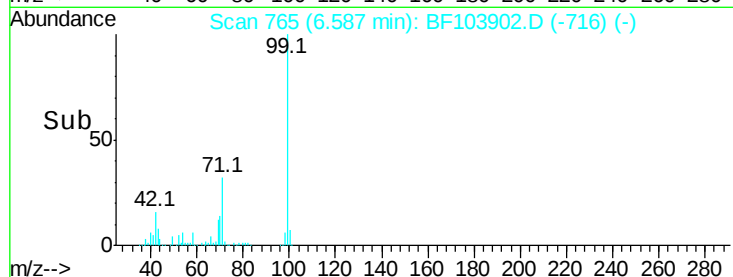
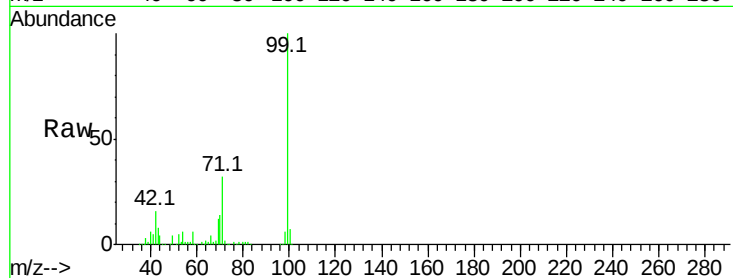
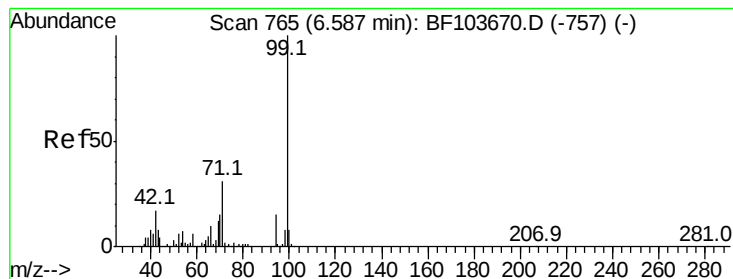
2-Fluorophenol
 Concen: 40.005 ng
 RT: 5.59 min Scan# 596
 Delta R.T. -0.00 min
 Lab File: BF103902.D
 Acq: 24 Mar 2018 1:48

Tgt Ion:112 Resp: 343503
 Ion Ratio Lower Upper
 112 100
 64 56.8 47.9 71.9
 63 28.0 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: 26.399 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF103902.D

Acq: 24 Mar 2018 1:48

Instrument :

BNA_F

ClientSampleId :

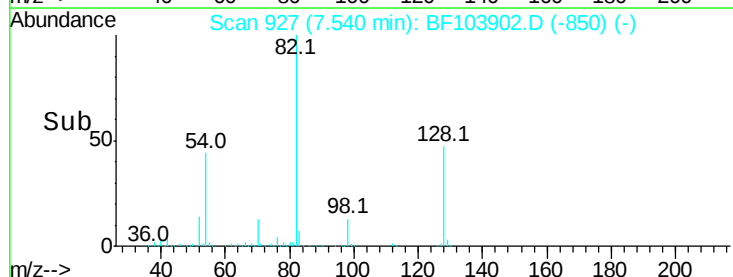
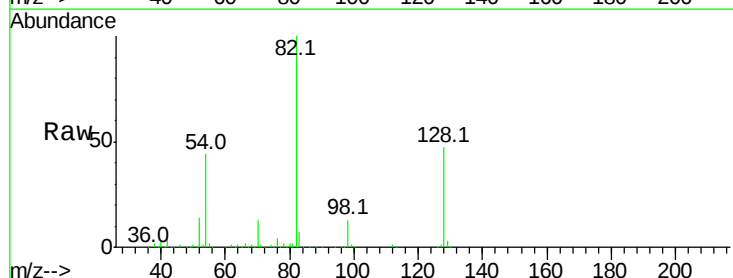
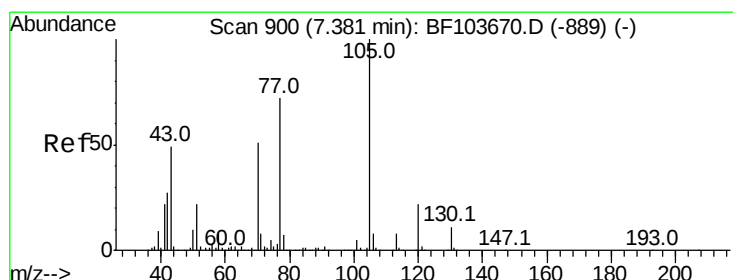
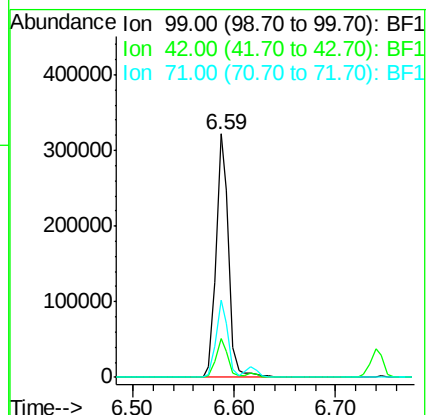
Tot Ion: 99 Resp: 277315

Ion Ratio Lower Upper

99 100

42 15.8 14.5 21.7

71 31.5 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 13.898 ng

RT: 7.54 min Scan# 927

Delta R.T. 0.15 min

Lab File: BF103902.D

Acq: 24 Mar 2018 1:48

Tgt Ion: 70 Resp: 93565

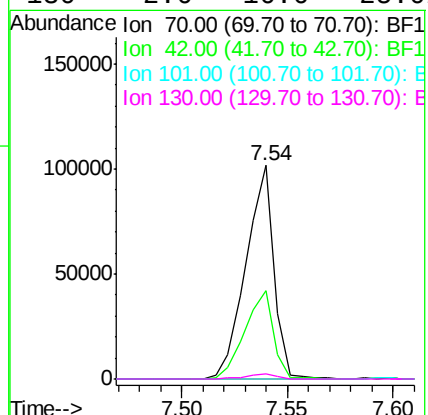
Ion Ratio Lower Upper

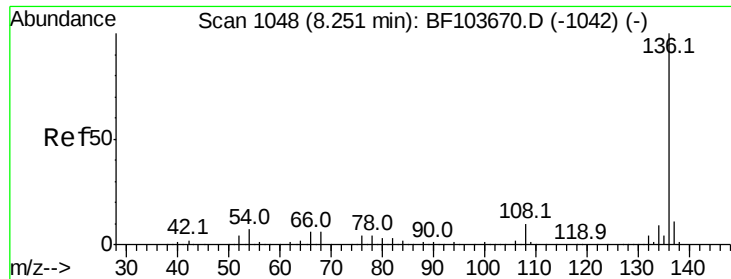
70 100

42 41.1 47.5 71.3#

101 0.0 7.4 11.2#

130 2.6 16.6 25.0#

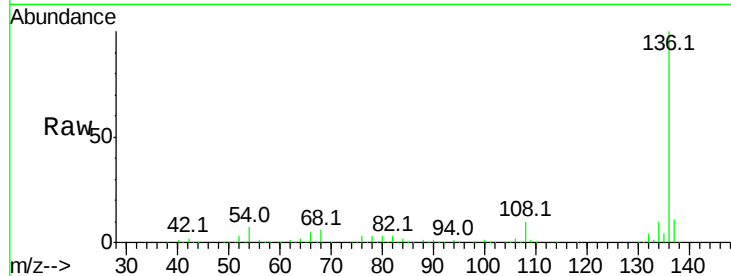




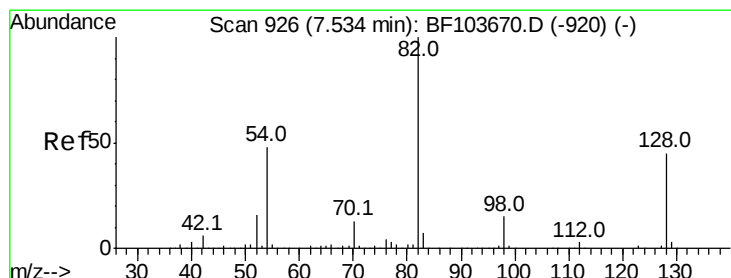
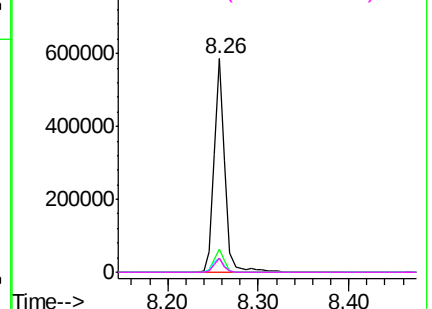
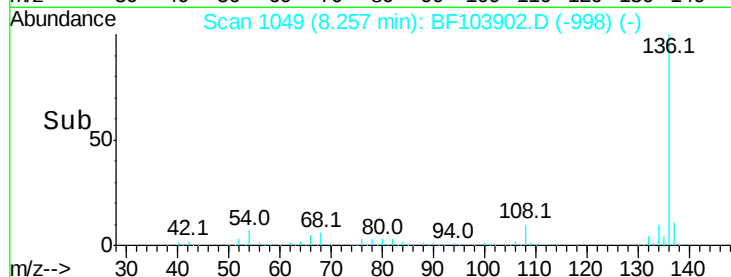
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BF103902.D
Acq: 24 Mar 2018 1:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	494695
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.7	6.6	9.8
68	6.4	5.0	7.4

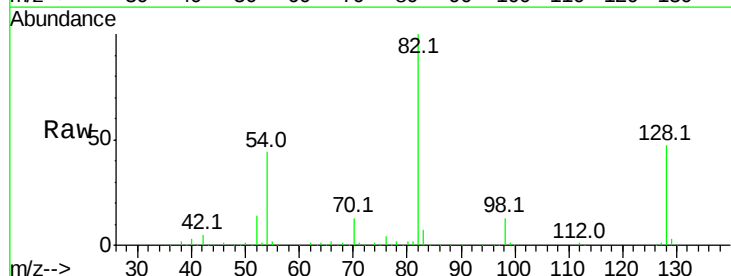


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

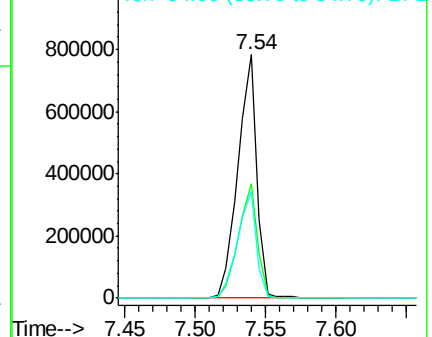
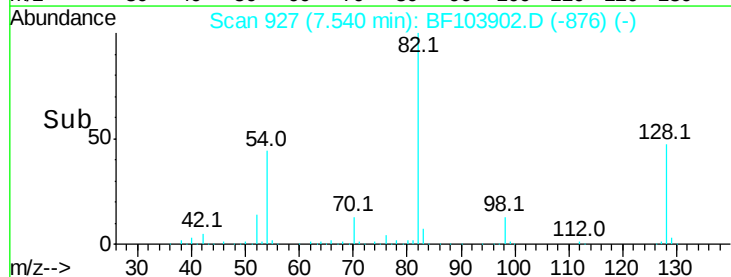


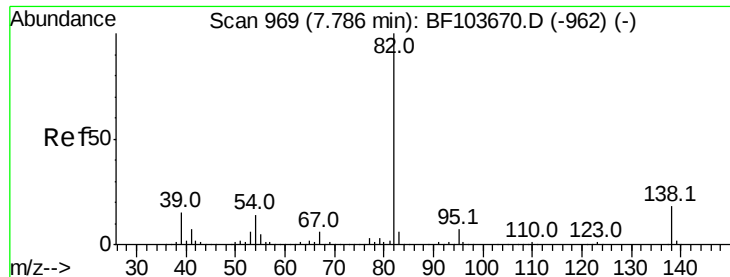
#23
Nitrobenzene-d5
Concen: 103.097 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.00 min
Lab File: BF103902.D
Acq: 24 Mar 2018 1:48

Tgt Ion:	82	Resp:	731356
Ion	Ratio	Lower	Upper
82	100		
128	47.0	36.1	54.1
54	44.1	41.4	62.2



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: 44.535 ng

RT: 7.54 min Scan# 927

Delta R.T. -0.25 min

Lab File: BF103902.D

Acq: 24 Mar 2018 1:48

Instrument :

BNA_F

ClientSampleId :

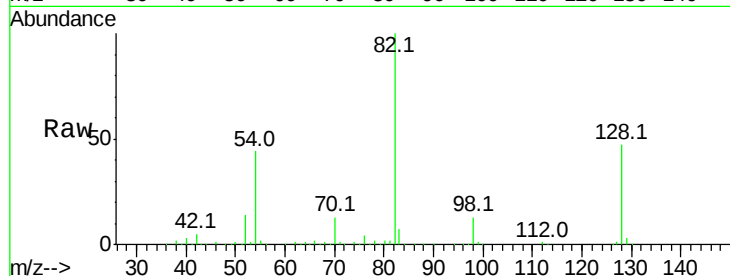
Tot Ion: 82 Resp: 731342

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

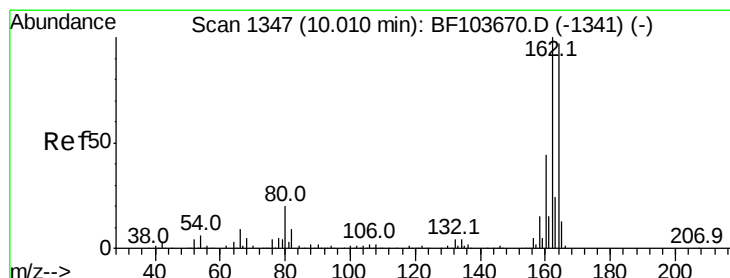
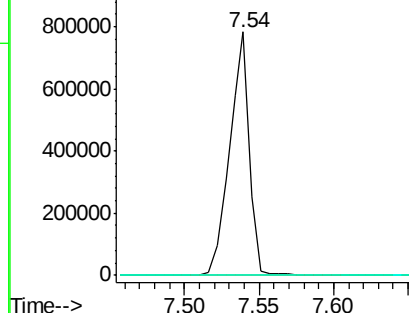
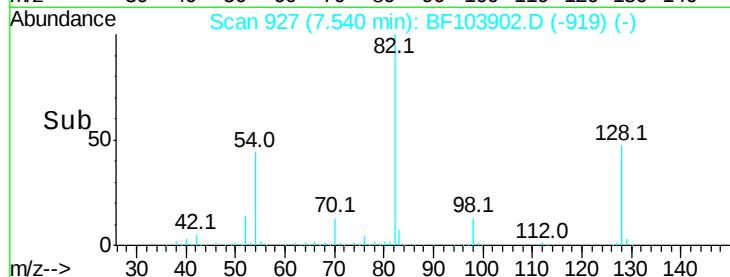
138 0.0 14.9 22.3#



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF103902.D

Acq: 24 Mar 2018 1:48

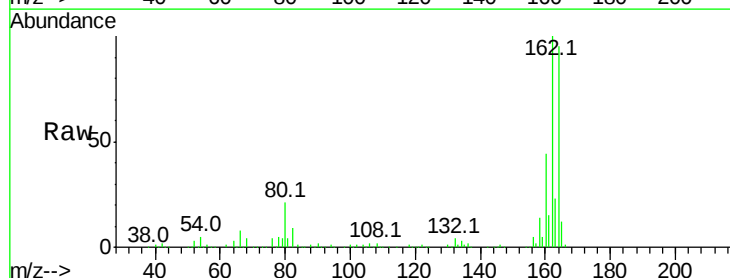
Tgt Ion:164 Resp: 201555

Ion Ratio Lower Upper

164 100

162 105.8 86.1 129.1

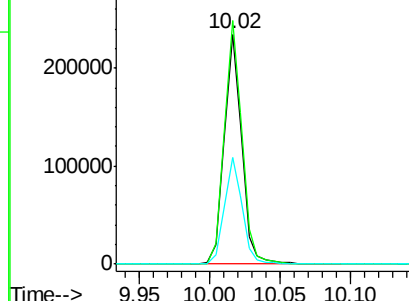
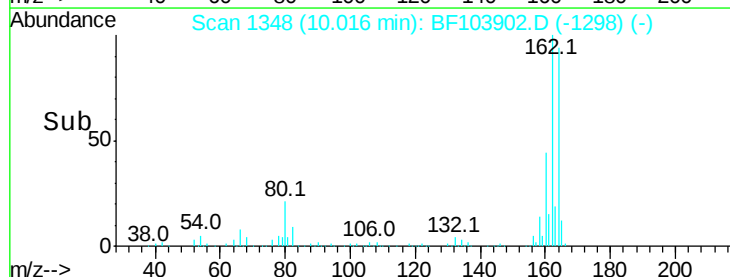
160 46.2 38.3 57.5

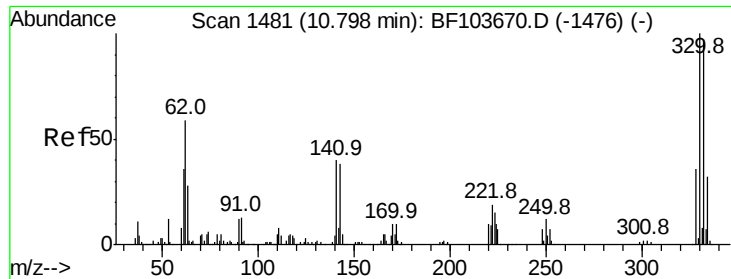


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

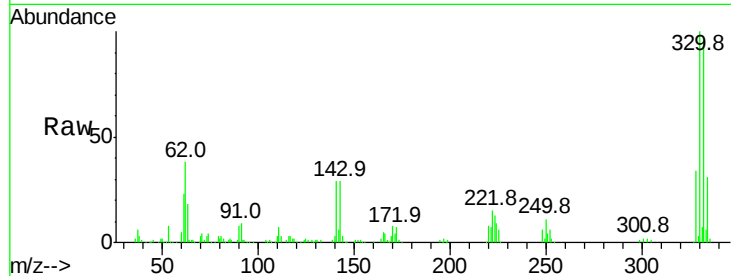




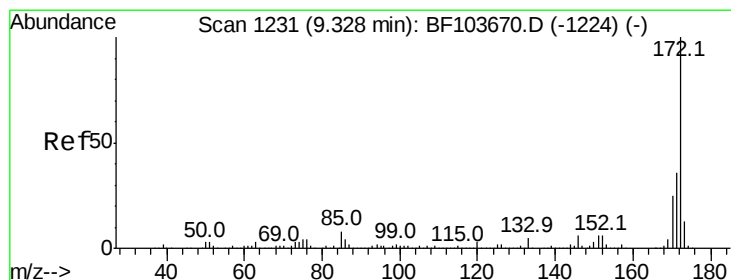
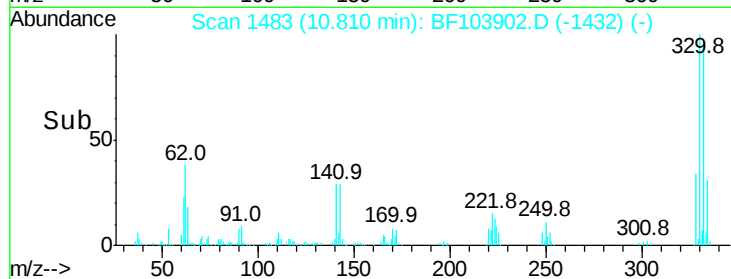
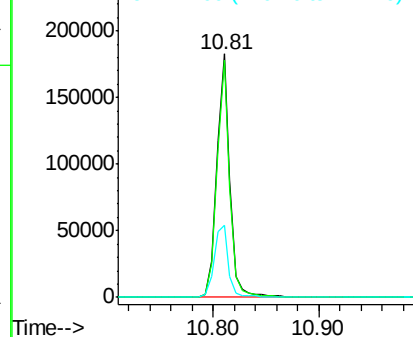
#41
 2,4,6-Tribromophenol
 Concen: 92.295 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. 0.00 min
 Lab File: BF103902.D
 Acq: 24 Mar 2018 1:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	32.4	29.9	44.9

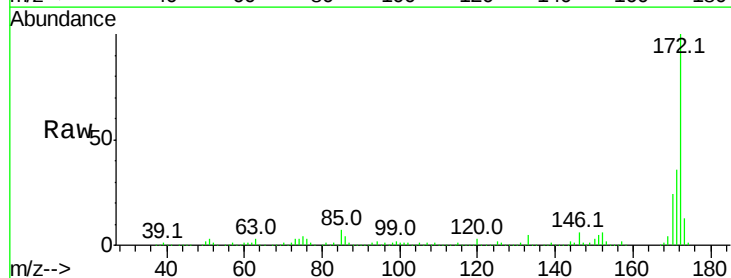


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

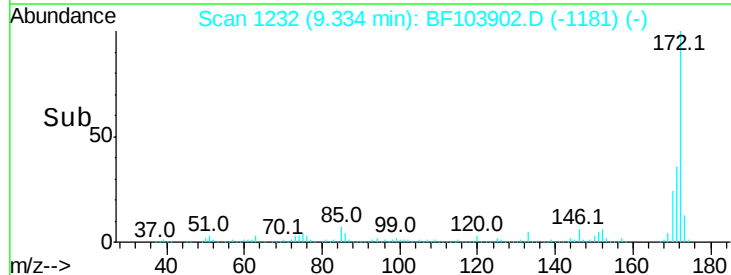
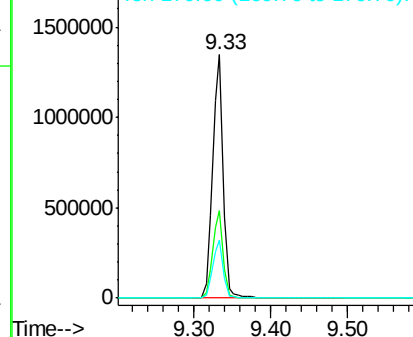


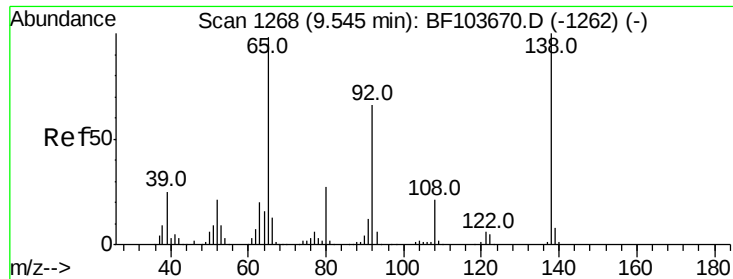
#44
 2-Fluorobiphenyl
 Concen: 99.845 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BF103902.D
 Acq: 24 Mar 2018 1:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.0	19.6	29.4



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





#47

2-Nitroaniline

Concen: 7.242 ng

RT: 9.33 min Scan# 1232

Delta R.T. -0.22 min

Lab File: BF103902.D

Acq: 24 Mar 2018 1:48

Instrument :

BNA_F

ClientSampleId :

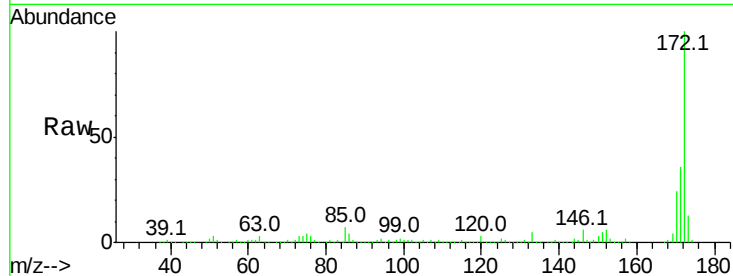
Tot Ion: 65 Resp: 1740

Ion Ratio Lower Upper

65 100

92 225.3 55.8 83.6#

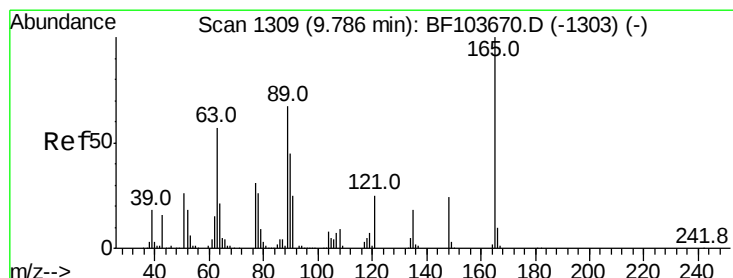
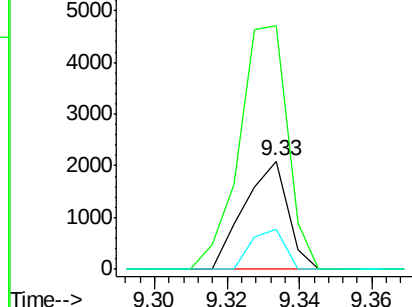
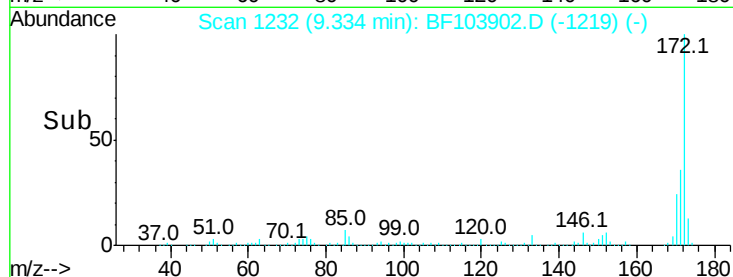
138 37.4 91.2 136.8#



Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#50

2,6-Dinitrotoluene

Concen: 11.889 ng

RT: 10.02 min Scan# 1348

Delta R.T. 0.22 min

Lab File: BF103902.D

Acq: 24 Mar 2018 1:48

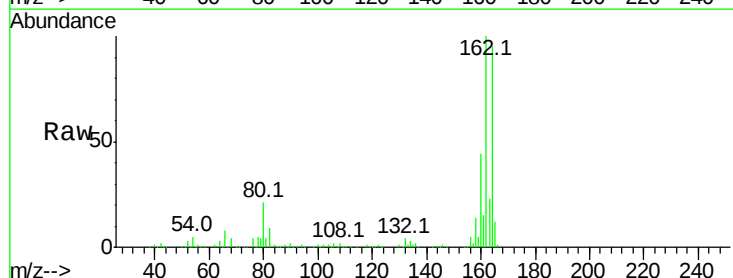
Tgt Ion:165 Resp: 25644

Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

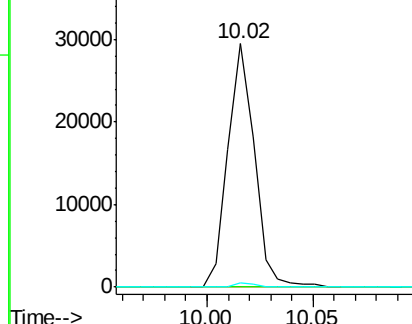
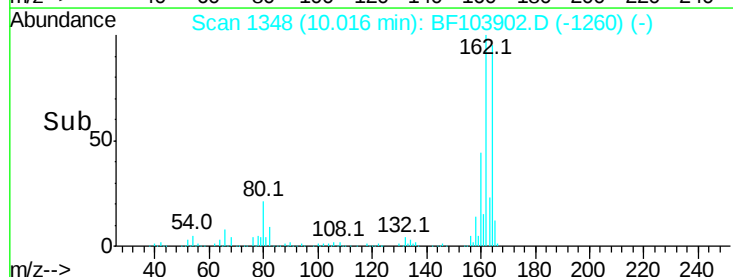
89 1.7 44.0 66.0#

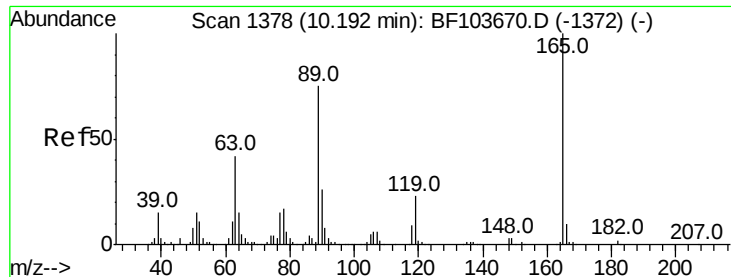


Abundance Ion 165.00 (164.70 to 165.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

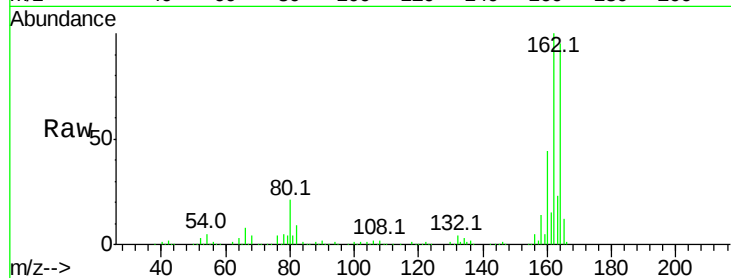




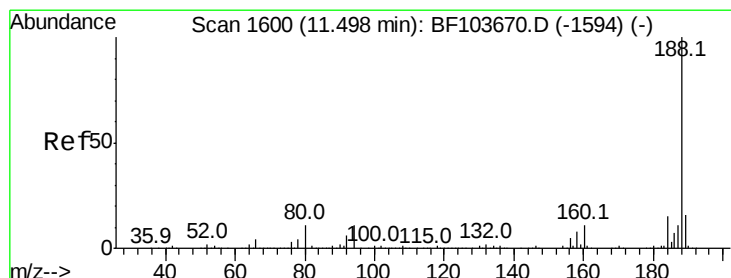
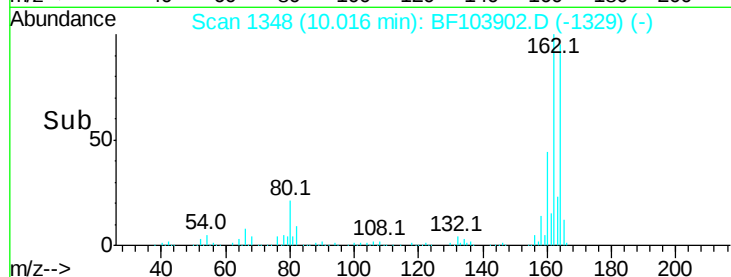
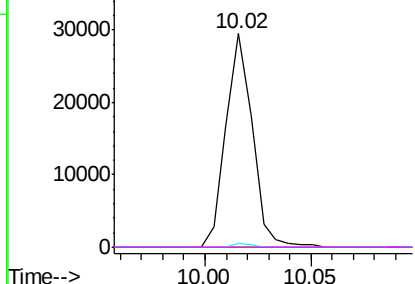
#56
 2,4-Dinitrotoluene
 Concen: 12.137 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.19 min
 Lab File: BF103902.D
 Acq: 24 Mar 2018 1:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 25644
 Ion Ratio Lower Upper
 165 100
 63 0.0 36.4 54.6#
 89 1.7 57.8 86.6#
 182 0.0 1.6 2.4#

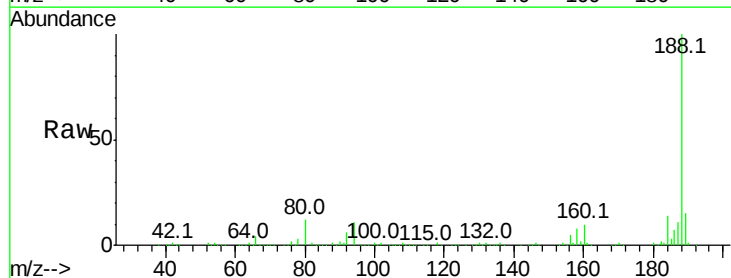


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

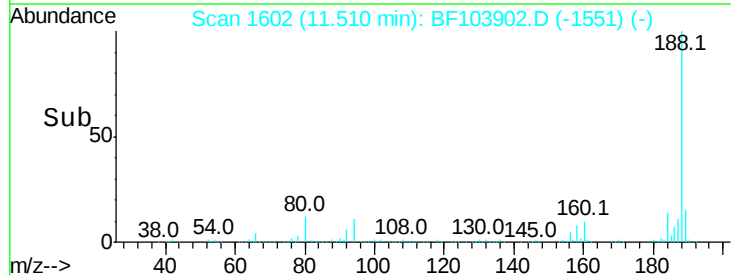
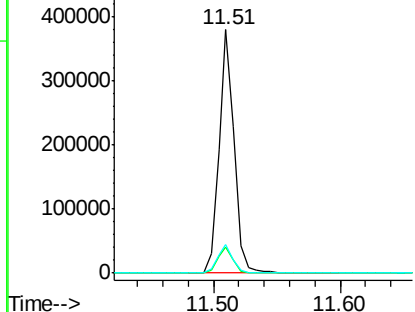


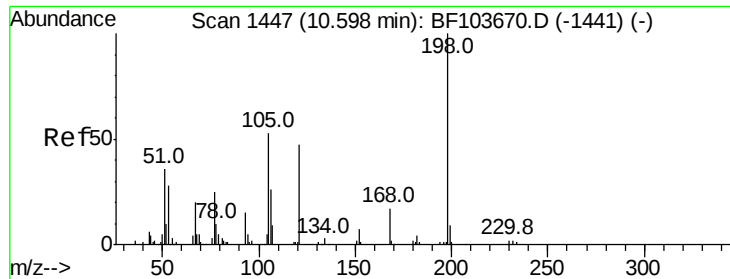
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.51 min Scan# 1602
 Delta R.T. 0.00 min
 Lab File: BF103902.D
 Acq: 24 Mar 2018 1:48

Tgt Ion:188 Resp: 317171
 Ion Ratio Lower Upper
 188 100
 94 10.8 8.5 12.7
 80 11.7 9.2 13.8



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

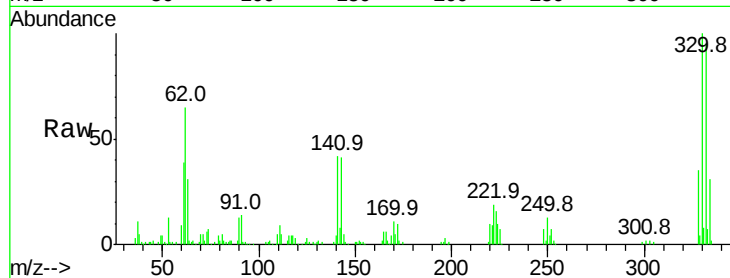




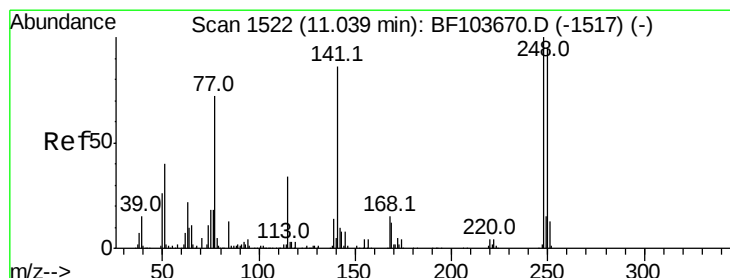
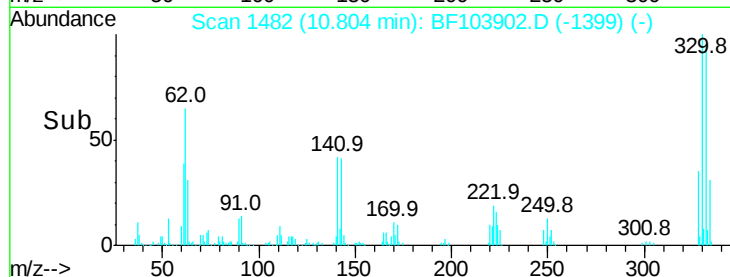
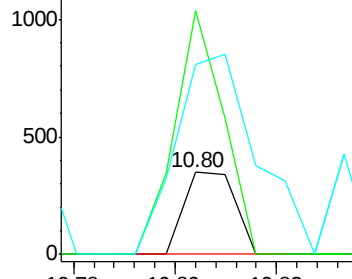
#64
4,6-Dinitro-2-methylphenol
Concen: 8.347 ng
RT: 10.80 min Scan# 1482
Delta R.T. 0.19 min
Lab File: BF103902.D
Acq: 24 Mar 2018 1:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 244
Ion Ratio Lower Upper
198 100
51 296.0 37.7 77.7#
105 230.0 36.3 76.3#

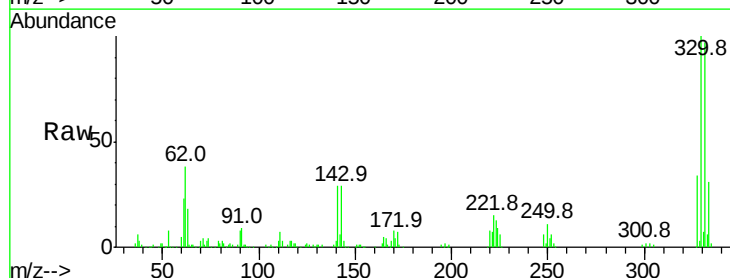


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

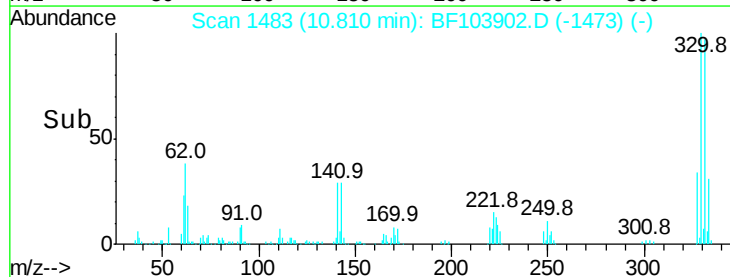
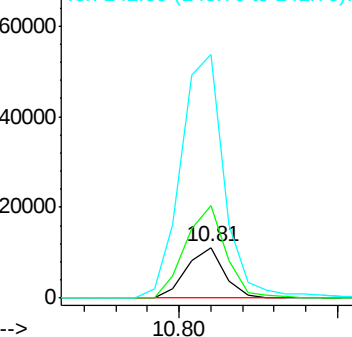


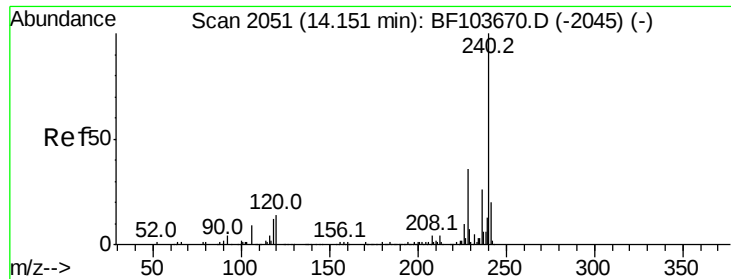
#66
4-Bromophenyl-phenylether
Concen: 2.837 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.24 min
Lab File: BF103902.D
Acq: 24 Mar 2018 1:48

Tgt Ion:248 Resp: 9240
Ion Ratio Lower Upper
248 100
250 182.3 76.9 115.3#
141 481.4 74.4 111.6#



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2053

Delta R.T. -0.01 min

Lab File: BF103902.D

Acq: 24 Mar 2018 1:48

Instrument :

BNA_F

ClientSampleId :

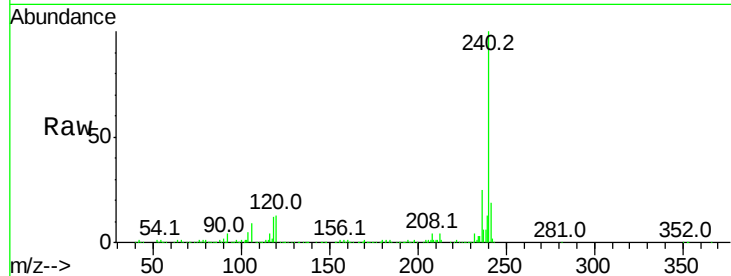
Tot Ion:240 Resp: 266298

Ion Ratio Lower Upper

240 100

120 13.2 9.5 14.3

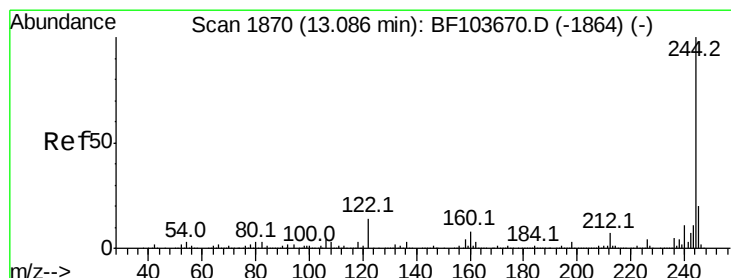
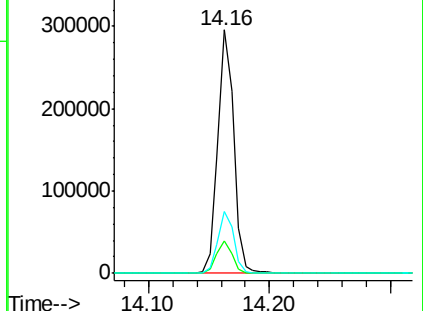
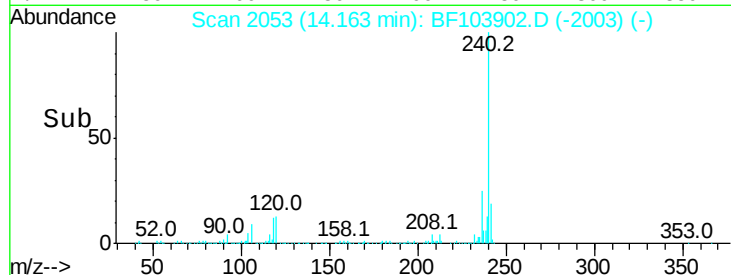
236 25.2 20.7 31.1



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



#78

Terphenyl-d14

Concen: 86.207 ng

RT: 13.10 min Scan# 1872

Delta R.T. 0.00 min

Lab File: BF103902.D

Acq: 24 Mar 2018 1:48

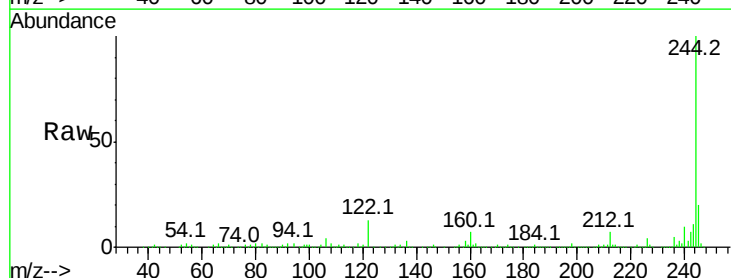
Tgt Ion:244 Resp: 989022

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

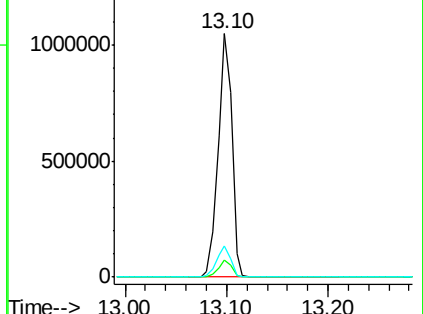
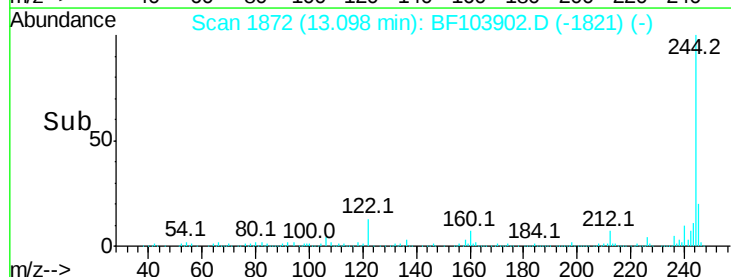
122 13.0 11.0 16.4

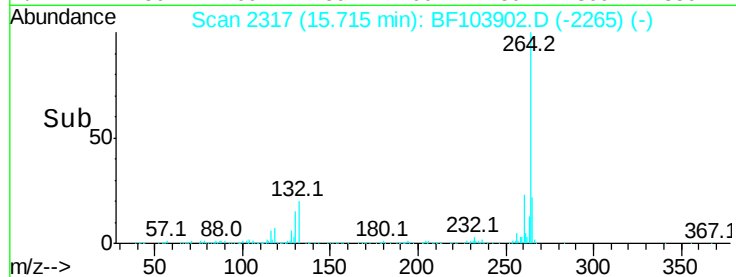
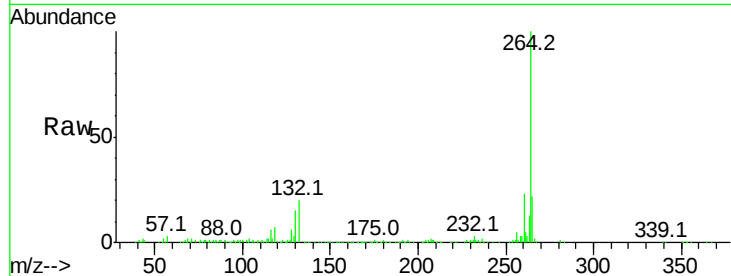
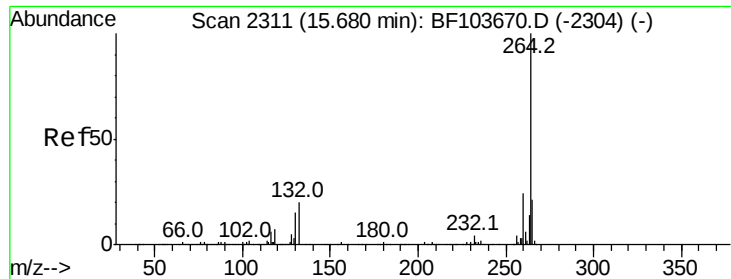


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.72 min Scan# 2317
Delta R.T. 0.01 min
Lab File: BF103902.D
Acq: 24 Mar 2018 1:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.7	17.5	26.3

