

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030718\
 Data File : BF103502.D
 Acq On : 7 Mar 2018 15:48
 Operator : SJ/JU
 Sample : J1699-69RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 07 16:17:51 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 07 11:40:36 2018
 Response via : Initial Calibration

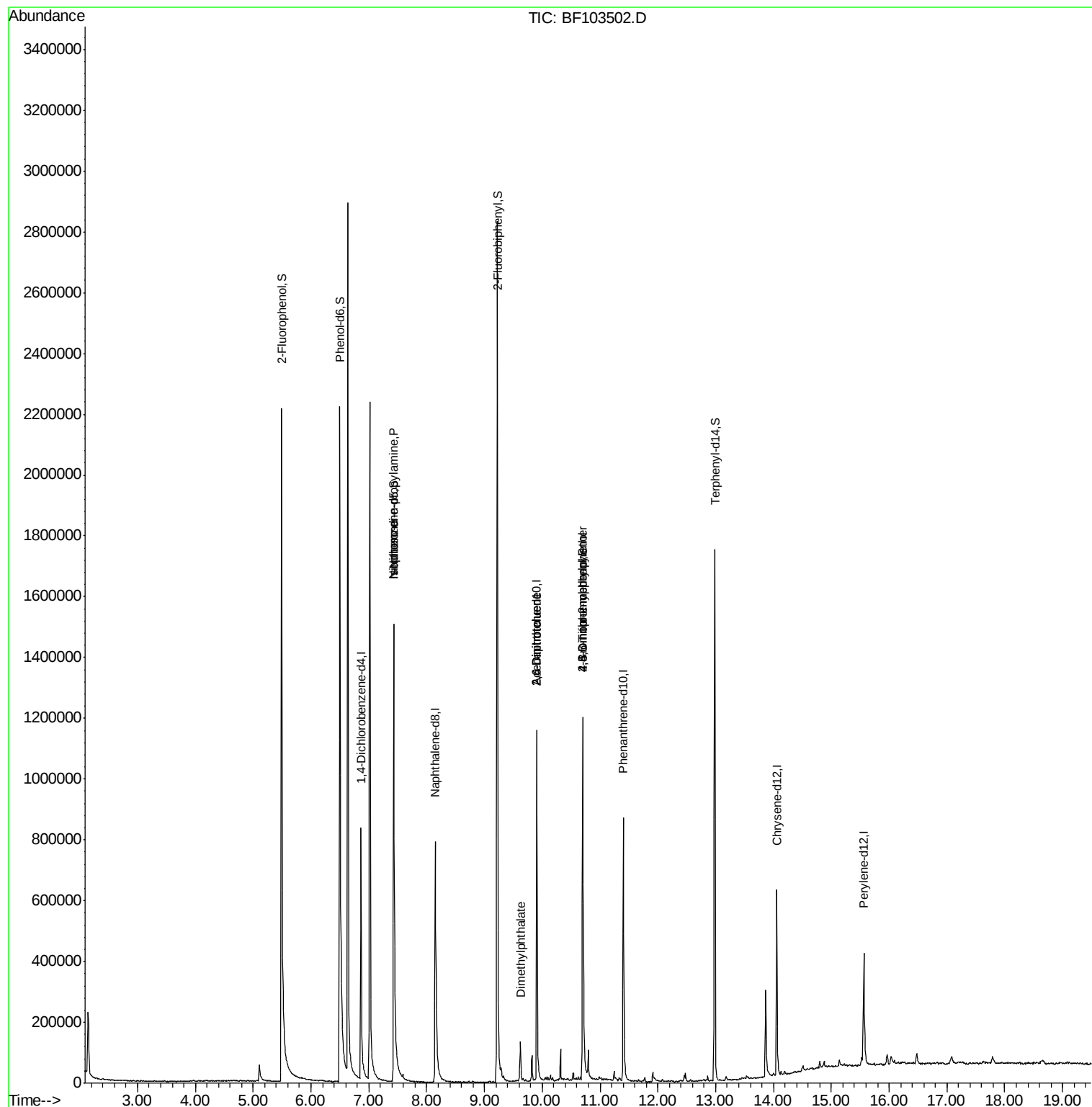
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	155589	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	650630	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	262052	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	418995	20.00	ng	0.00
75) Chrysene-d12	14.06	240	225754	20.00	ng	0.00
86) Perylene-d12	15.56	264	201653	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	921484	89.57	ng	0.00
7) Phenol-d6	6.50	99	1179544	93.70	ng	0.00
23) Nitrobenzene-d5	7.43	82	758329	66.56	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	164039	73.95	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1036860	64.24	ng	0.00
78) Terphenyl-d14	12.99	244	651285	69.35	ng	0.00
Target Compounds						
9) Benzaldehyde	6.50	77	1556	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propylamine	7.43	70	96225	12.282 ng	#	83
25) Isophorone	7.43	82	758329	33.796 ng	#	64
49) Dimethylphthalate	9.62	163	63496	3.020 ng	#	98
50) 2,6-Dinitrotoluene	9.90	165	33032	7.488 ng	#	25
56) 2,4-Dinitrotoluene	9.90	165	33149	5.941 ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.70	198	188	5.011 ng	#	1
66) 4-Bromophenyl-phenylether	10.70	248	11818	2.708 ng	#	1

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

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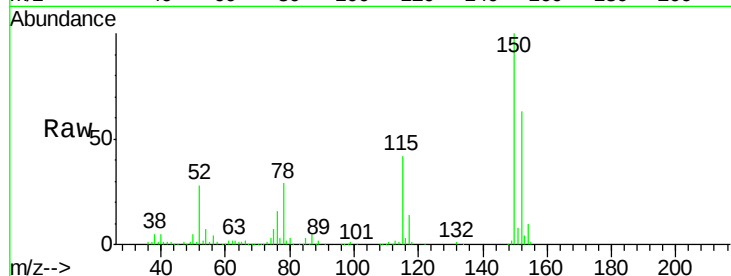


#1

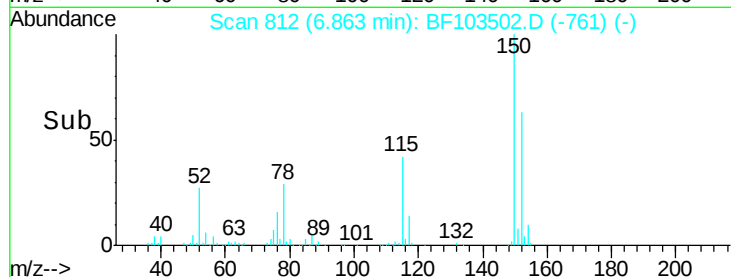
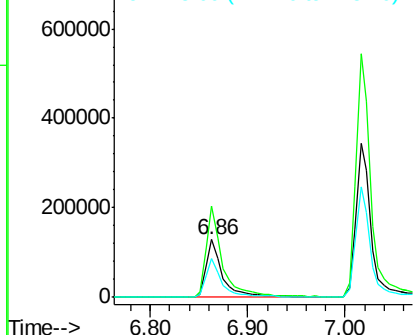
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF103502.D
Acq: 7 Mar 2018 15:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 155589
Ion Ratio Lower Upper
152 100
150 158.6 124.6 186.8
115 66.1 50.1 75.1



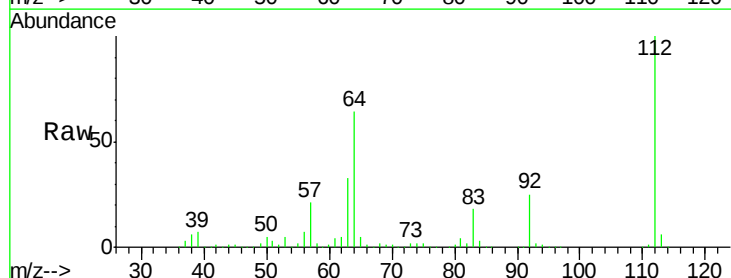
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



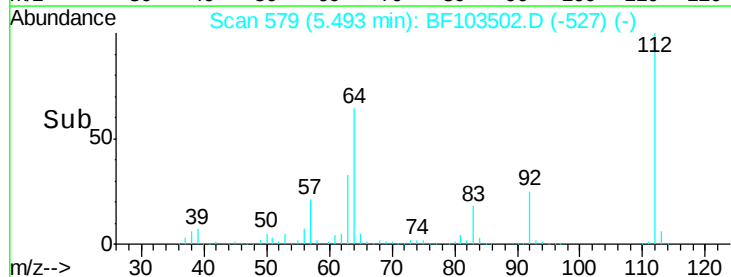
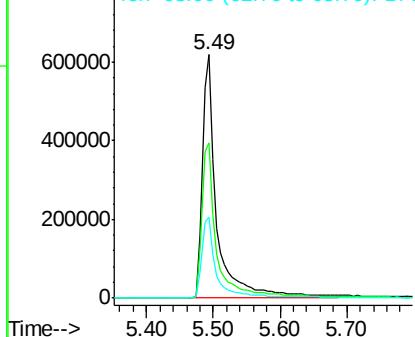
#5

2-Fluorophenol
Concen: 89.574 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF103502.D
Acq: 7 Mar 2018 15:48

Tgt Ion:112 Resp: 921484
Ion Ratio Lower Upper
112 100
64 63.5 47.9 71.9
63 33.3 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: 93.703 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF103502.D

Acq: 7 Mar 2018 15:48

Instrument :

BNA_F

ClientSampled :

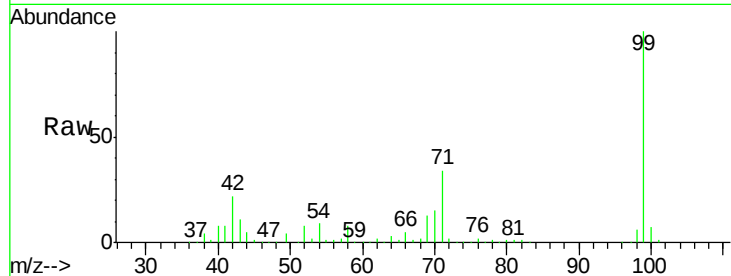
Tot Ion: 99 Resp: 1179544

Ion Ratio Lower Upper

99 100

42 21.7 14.5 21.7

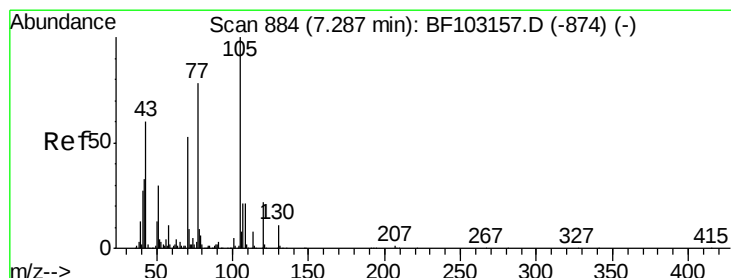
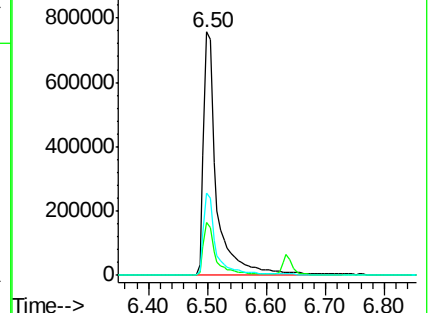
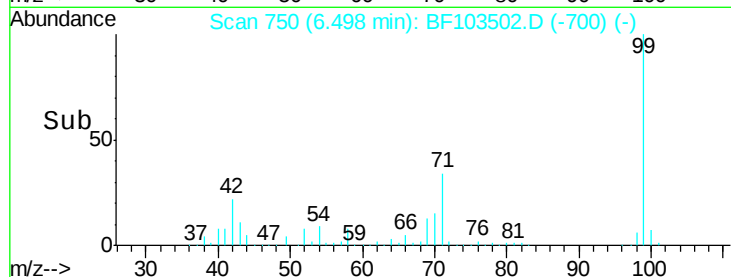
71 33.8 25.4 38.0



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: 12.282 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.16 min

Lab File: BF103502.D

Acq: 7 Mar 2018 15:48

Tgt Ion: 70 Resp: 96225

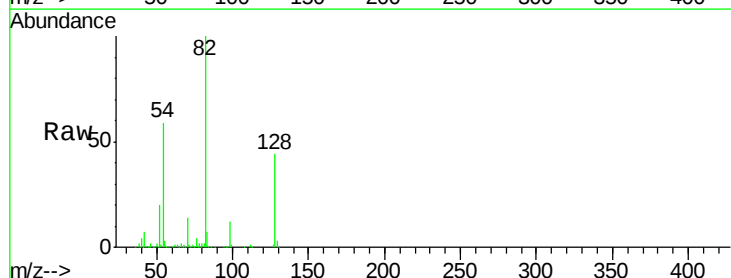
Ion Ratio Lower Upper

70 100

42 53.2 47.5 71.3

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

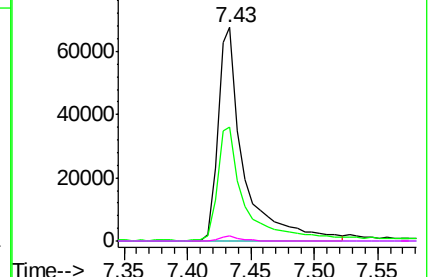
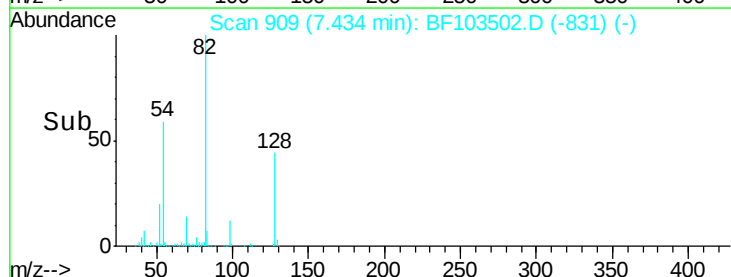


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

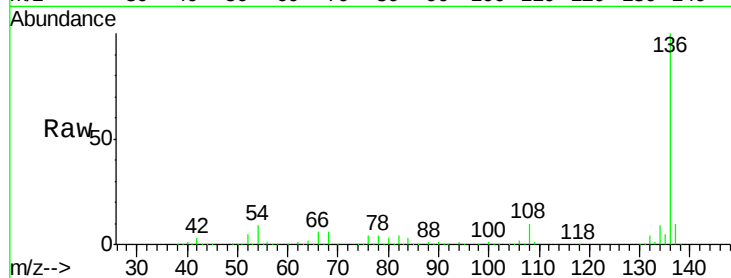




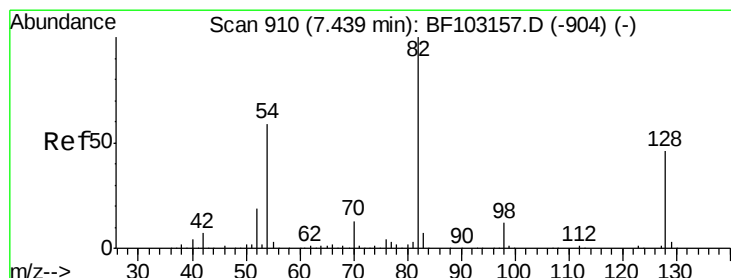
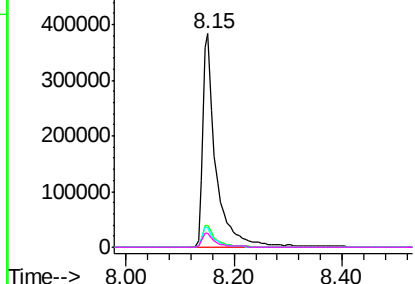
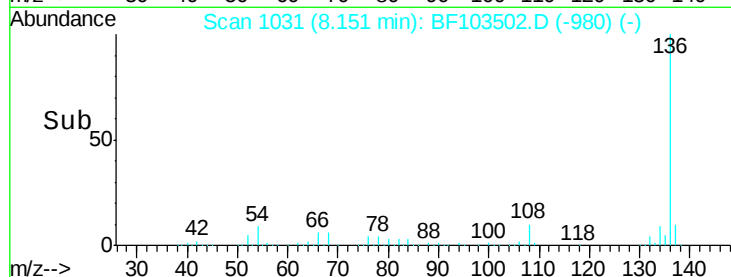
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF103502.D
Acq: 7 Mar 2018 15:48

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	650630
Ion	Ratio	Lower Upper
136	100	
137	10.2	8.9 13.3
54	8.9	6.6 9.8
68	6.4	5.0 7.4

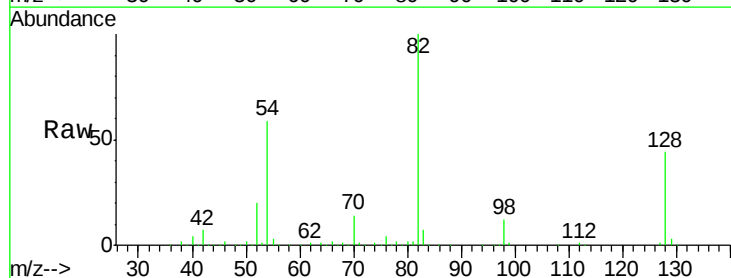


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

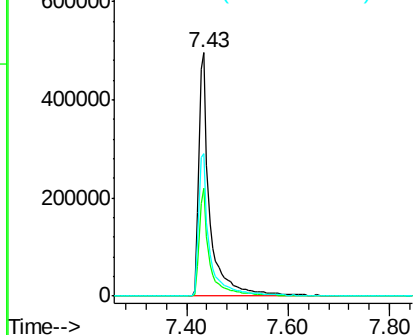
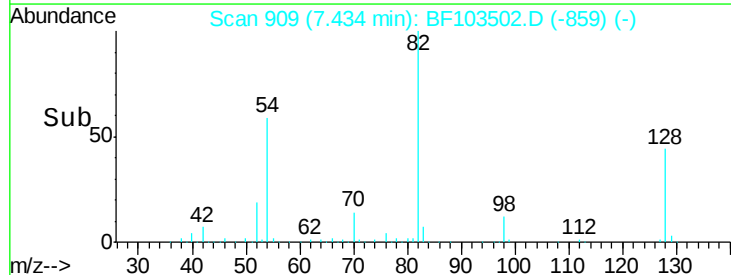


#23
Nitrobenzene-d5
Concen: 66.562 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF103502.D
Acq: 7 Mar 2018 15:48

Tgt Ion: 82	Resp:	758329
Ion	Ratio	Lower Upper
82	100	
128	44.3	36.1 54.1
54	58.6	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: 33.796 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.25 min

Lab File: BF103502.D

Acq: 7 Mar 2018 15:48

Instrument :

BNA_F

ClientSampleId :

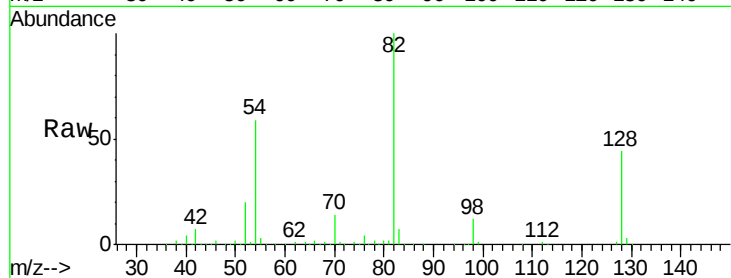
Tot Ion: 82 Resp: 758329

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

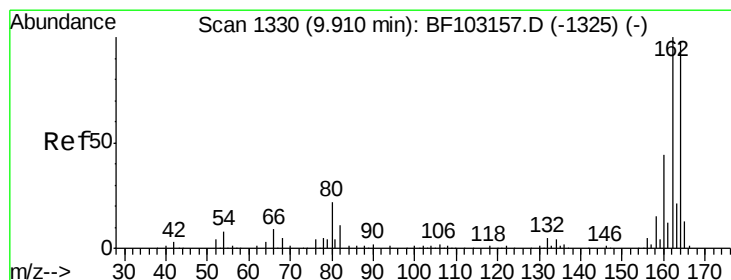
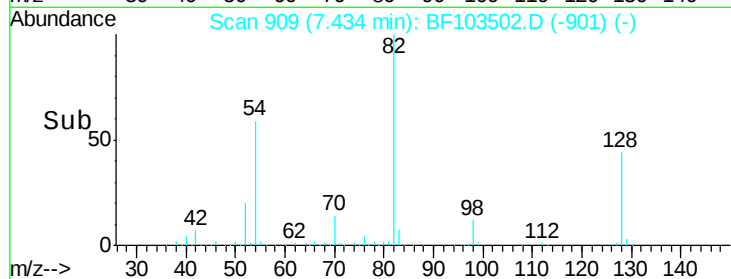
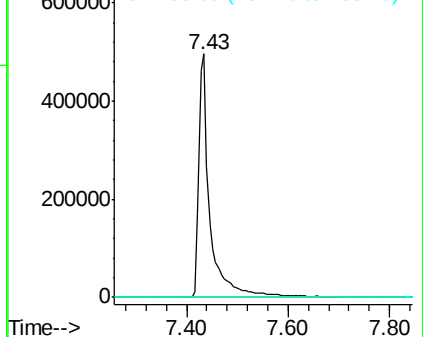
138 0.0 14.9 22.3#



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: 9.90 min Scan# 1329

Delta R.T. -0.01 min

Lab File: BF103502.D

Acq: 7 Mar 2018 15:48

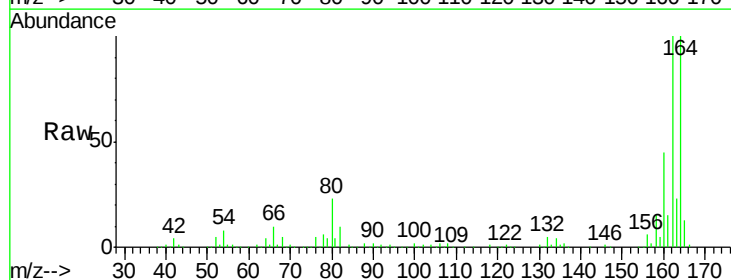
Tgt Ion: 164 Resp: 262052

Ion Ratio Lower Upper

164 100

162 99.7 86.1 129.1

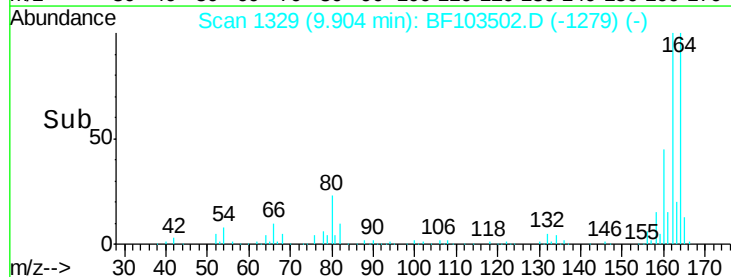
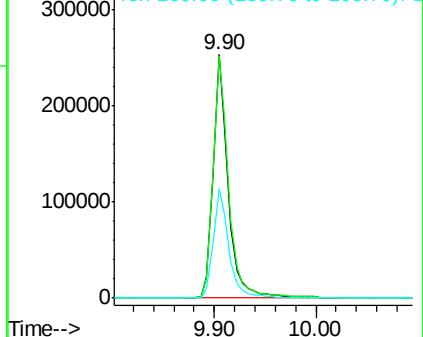
160 45.1 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

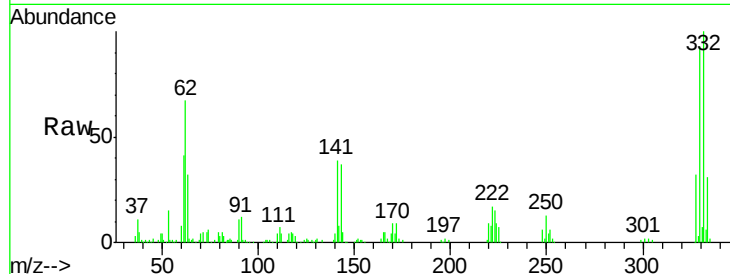




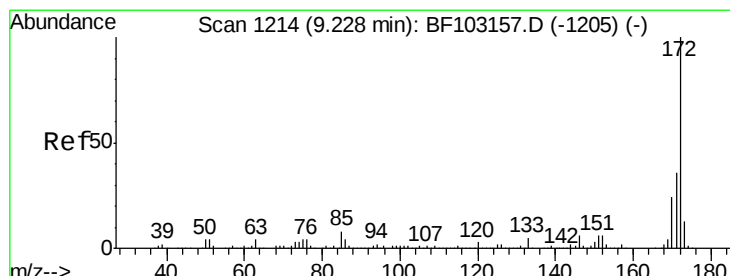
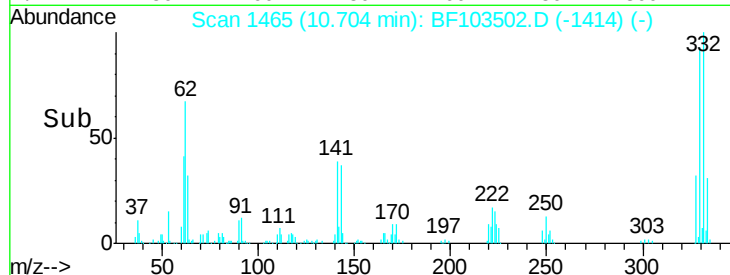
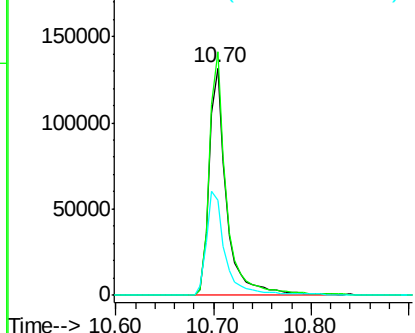
#41
 2,4,6-Tribromophenol
 Concen: 73.954 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: BF103502.D
 Acq: 7 Mar 2018 15:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 164039
 Ion Ratio Lower Upper
 330 100
 332 105.3 77.0 115.6
 141 48.9 29.9 44.9#

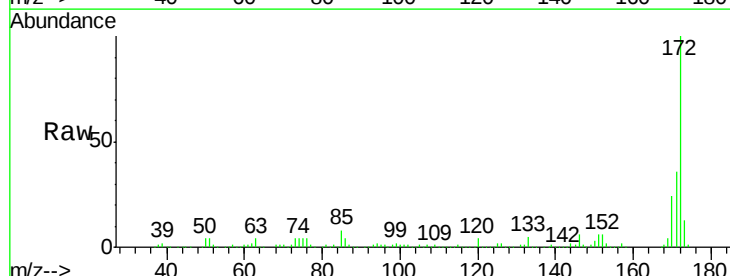


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

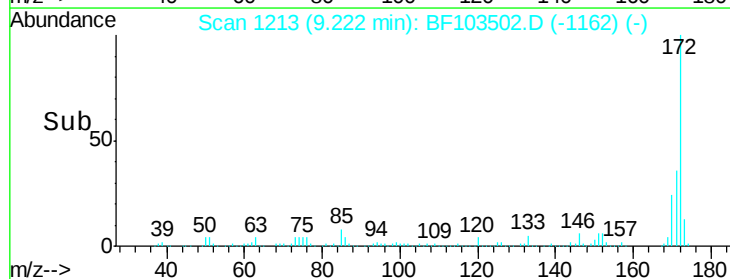
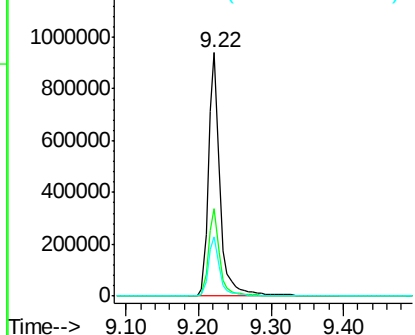


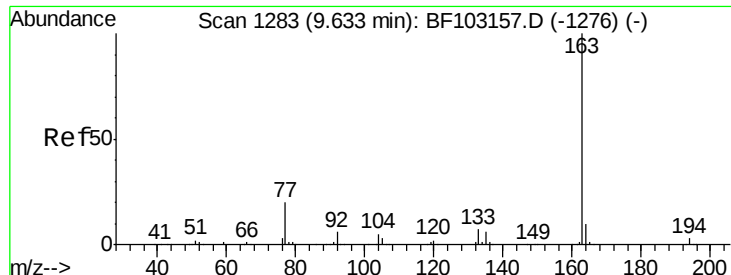
#44
 2-Fluorobiphenyl
 Concen: 64.240 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: BF103502.D
 Acq: 7 Mar 2018 15:48

Tgt Ion:172 Resp: 1036860
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.7 44.5
 170 24.4 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

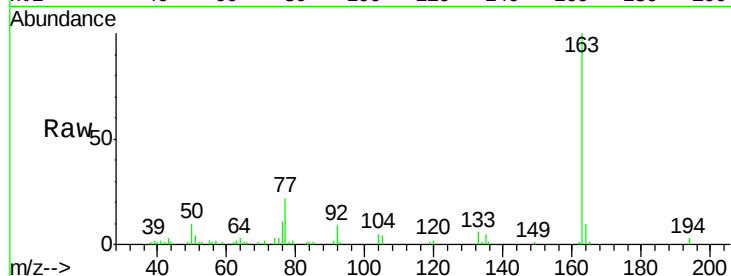




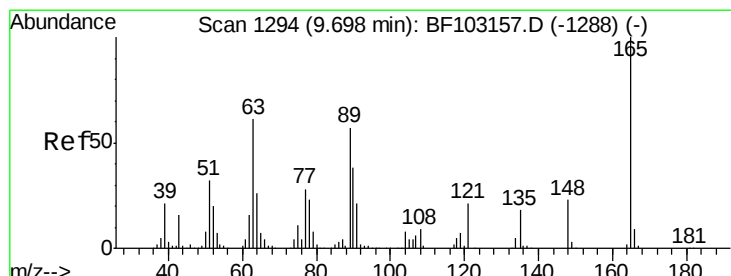
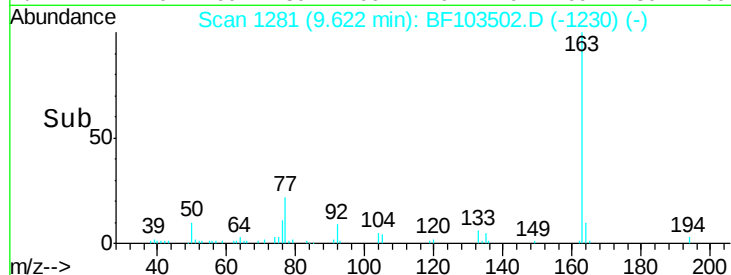
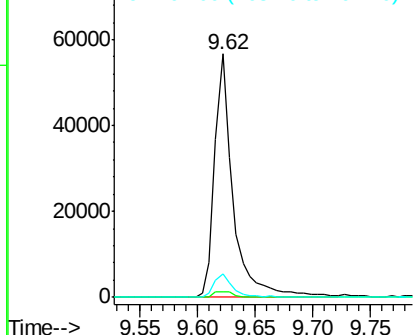
#49
Dimethylphthalate
Concen: 3.020 ng
RT: 9.62 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BF103502.D
Acq: 7 Mar 2018 15:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 63496
Ion Ratio Lower Upper
163 100
194 2.5 2.7 4.1#
164 9.6 8.2 12.2

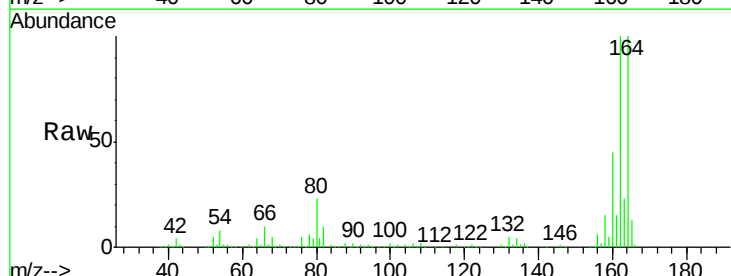


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

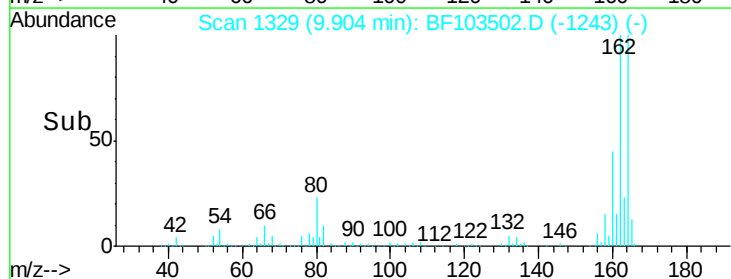
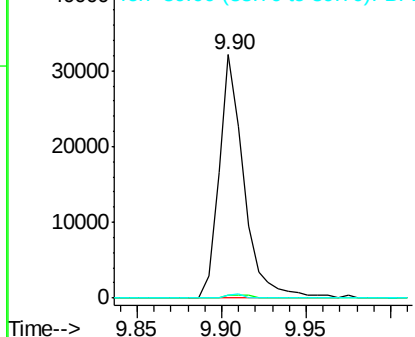


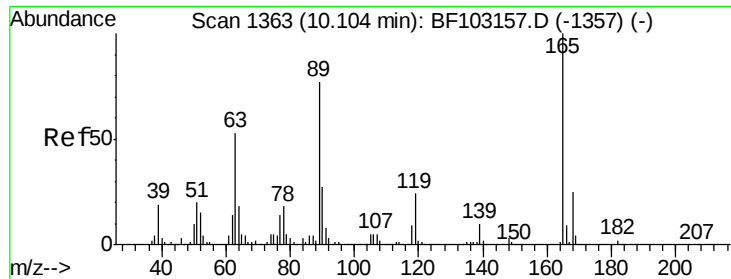
#50
2,6-Dinitrotoluene
Concen: 7.488 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.21 min
Lab File: BF103502.D
Acq: 7 Mar 2018 15:48

Tgt Ion:165 Resp: 33032
Ion Ratio Lower Upper
165 100
63 1.1 44.7 67.1#
89 1.5 44.0 66.0#



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

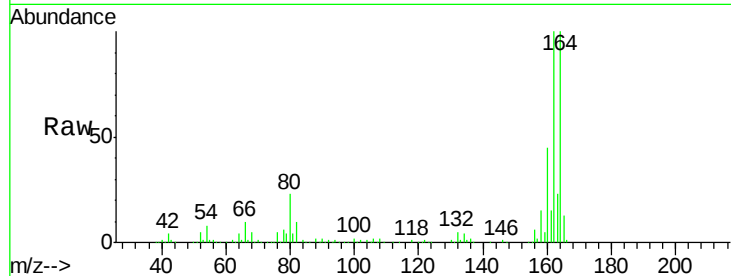




#56
 2,4-Dinitrotoluene
 Concen: 5.941 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.21 min
 Lab File: BF103502.D
 Acq: 7 Mar 2018 15:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#

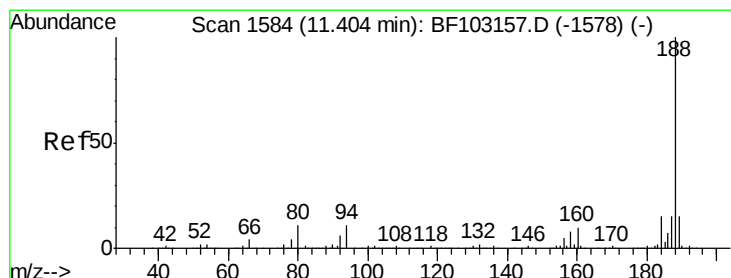
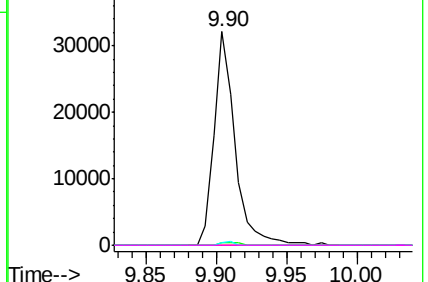
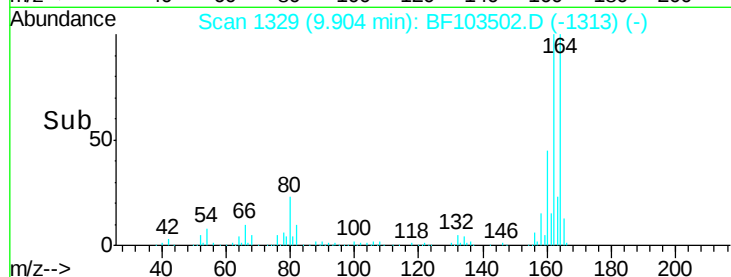


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

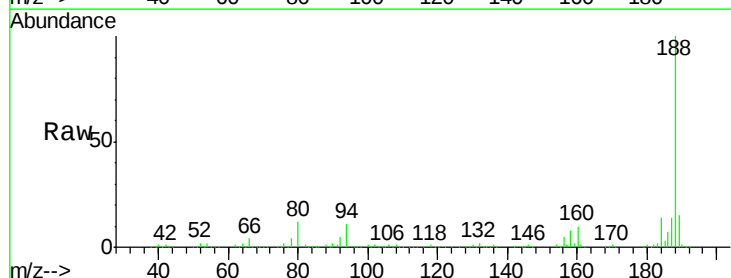
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: BF103502.D
 Acq: 7 Mar 2018 15:48

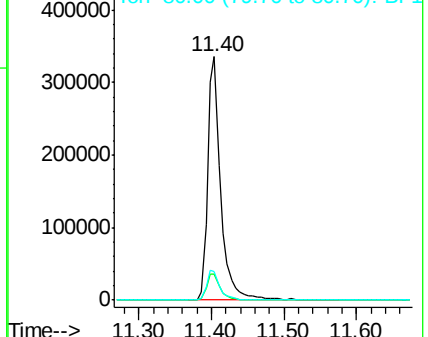
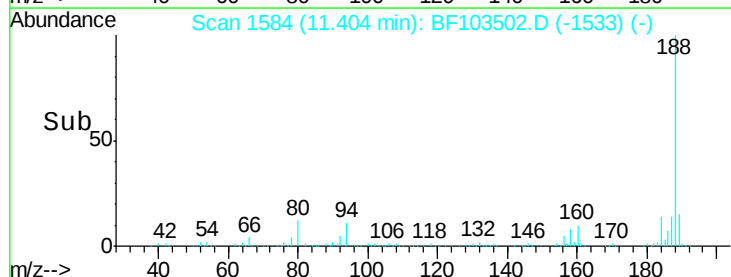
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.5	12.7
80	11.7	9.2	13.8

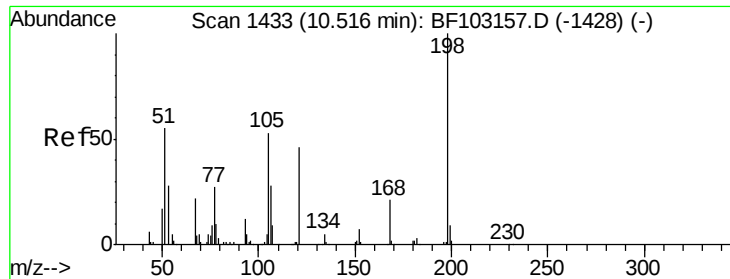


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

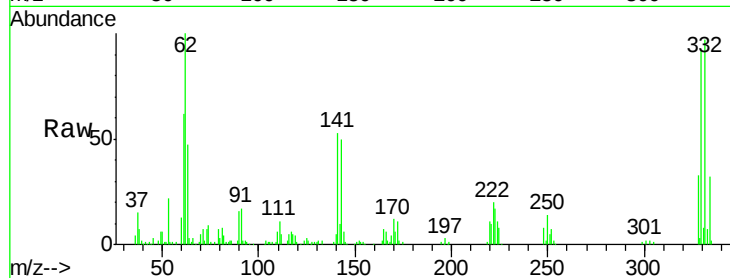




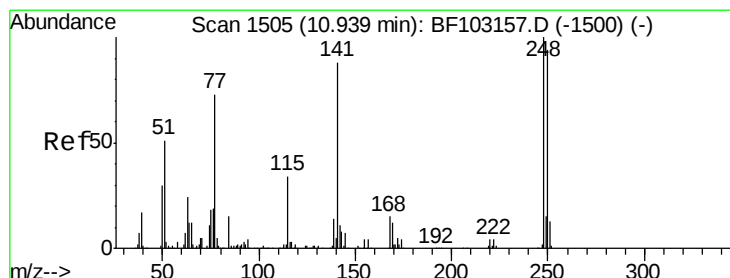
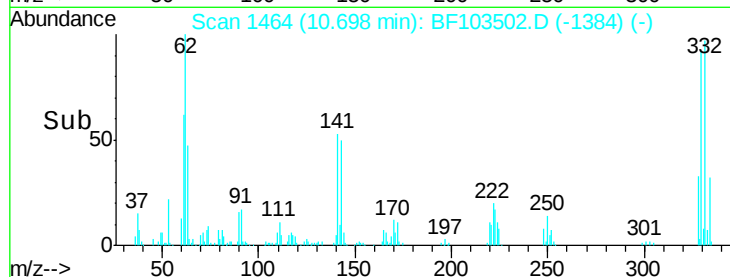
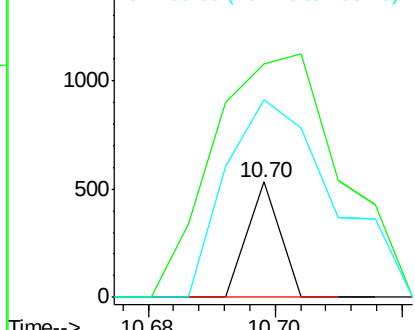
#64
4,6-Dinitro-2-methylphenol
Concen: 5.011 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.17 min
Lab File: BF103502.D
Acq: 7 Mar 2018 15:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 188
Ion Ratio Lower Upper
198 100
51 202.1 37.7 77.7#
105 171.3 36.3 76.3#

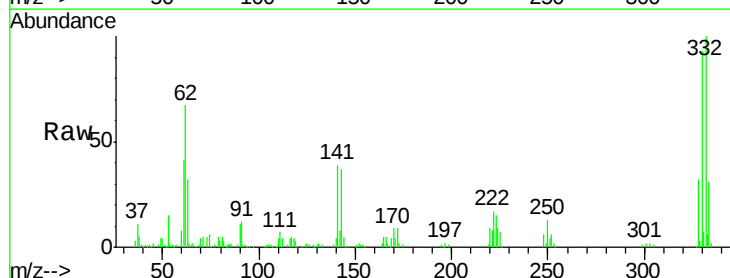


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

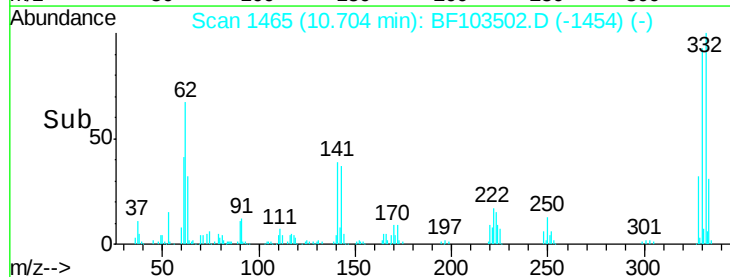
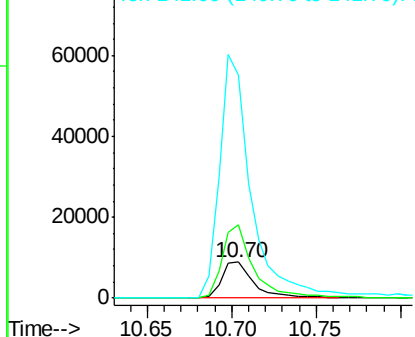


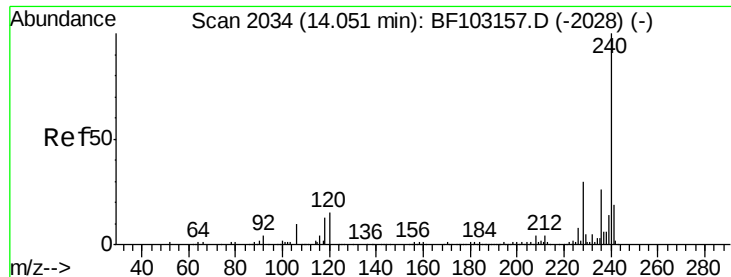
#66
4-Bromophenyl-phenylether
Concen: 2.708 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.24 min
Lab File: BF103502.D
Acq: 7 Mar 2018 15:48

Tgt Ion:248 Resp: 11818
Ion Ratio Lower Upper
248 100
250 203.6 76.9 115.3#
141 621.7 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: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF103502.D

Acq: 7 Mar 2018 15:48

Instrument :

BNA_F

ClientSampleId :

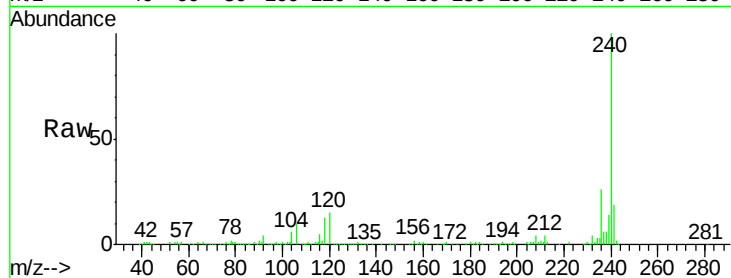
Tot Ion:240 Resp: 225754

Ion Ratio Lower Upper

240 100

120 15.2 9.5 14.3#

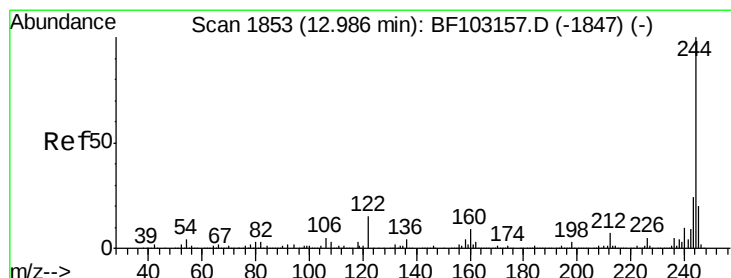
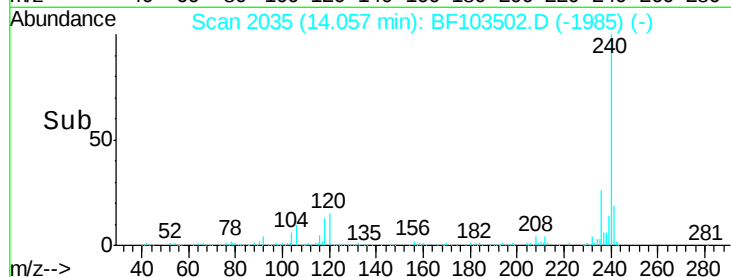
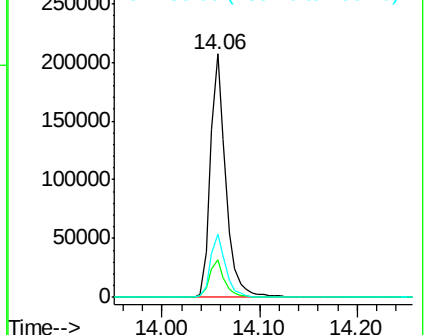
236 26.1 20.7 31.1



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: 69.350 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BF103502.D

Acq: 7 Mar 2018 15:48

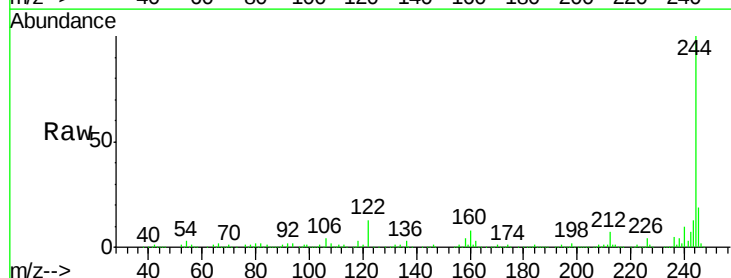
Tgt Ion:244 Resp: 651285

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

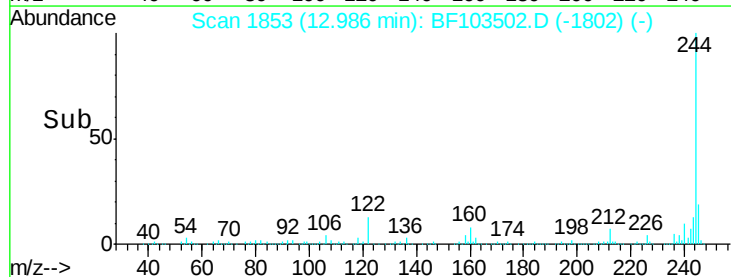
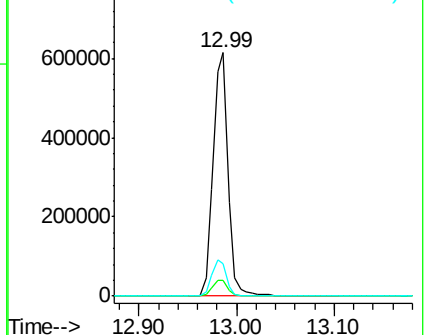
122 13.4 11.0 16.4

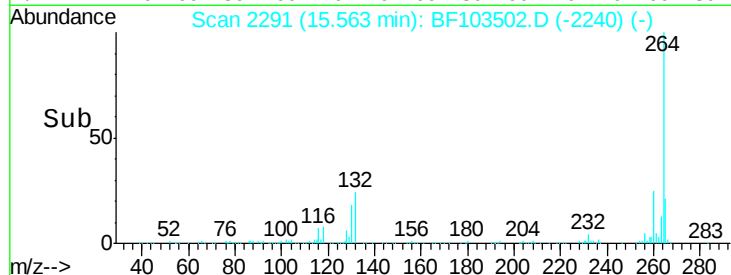
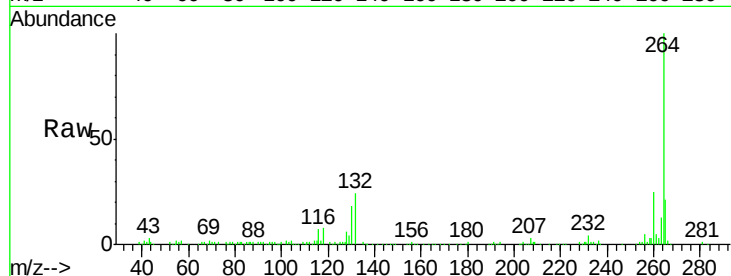
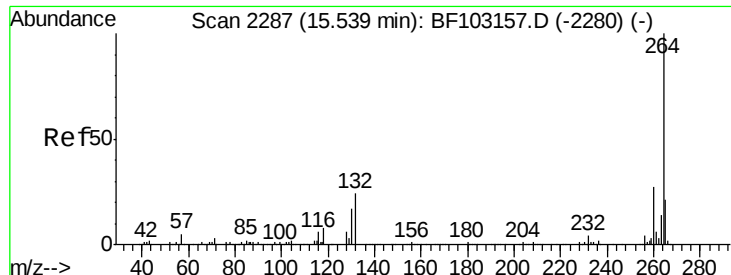


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.56 min Scan# 2291
Delta R.T. 0.00 min
Lab File: BF103502.D
Acq: 7 Mar 2018 15:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	201653
Ion Ratio	Lower	Upper	
264	100		
260	24.7	19.2	28.8
265	21.4	17.5	26.3

