

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022218\
 Data File : BF103171.D
 Acq On : 22 Feb 2018 19:15
 Operator : SJ/JU
 Sample : J1396-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-022118

Quant Time: Feb 23 02:12:15 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 22 14:52:42 2018
 Response via : Initial Calibration

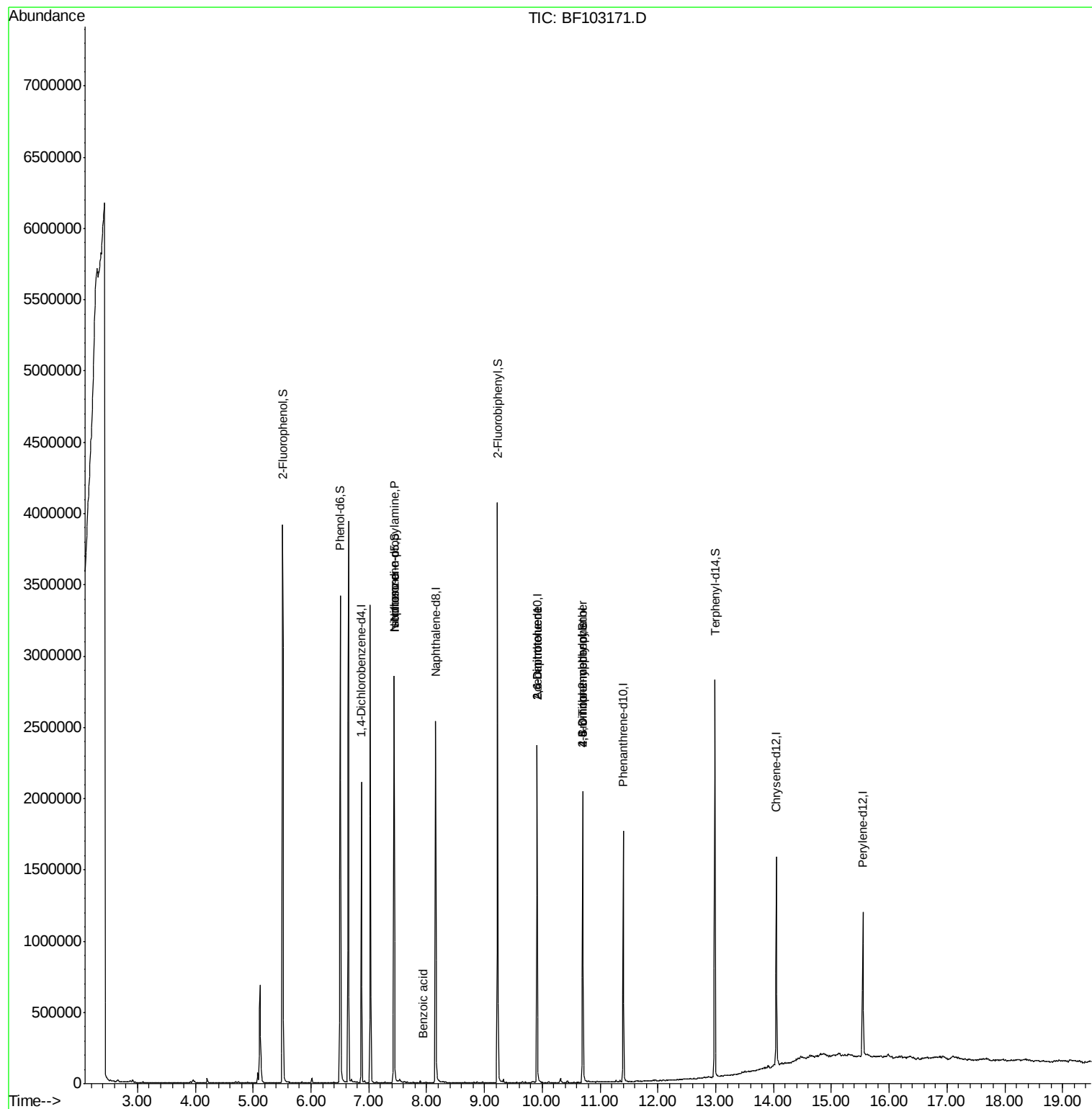
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	305556	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	1225717	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	482749	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	657239	20.00	ng	0.00
75) Chrysene-d12	14.05	240	521808	20.00	ng	0.00
86) Perylene-d12	15.54	264	470373	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1205178	59.65	ng	0.02
7) Phenol-d6	6.51	99	1294781	52.37	ng	0.00
23) Nitrobenzene-d5	7.44	82	974166	45.39	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	236563	57.89	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1447561	45.97	ng	0.00
78) Terphenyl-d14	12.99	244	942549	43.42	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.44	70	129255	8.401	ng	# 82
25) Isophorone	7.44	82	974152	23.045	ng	# 64
32) Benzoic acid	7.94	122	118	6.922	ng	# 1
50) 2,6-Dinitrotoluene	9.91	165	62662	7.710	ng	# 26
56) 2,4-Dinitrotoluene	9.91	165	62662	6.096	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.70	198	437	5.043	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	15202	2.220	ng	# 1

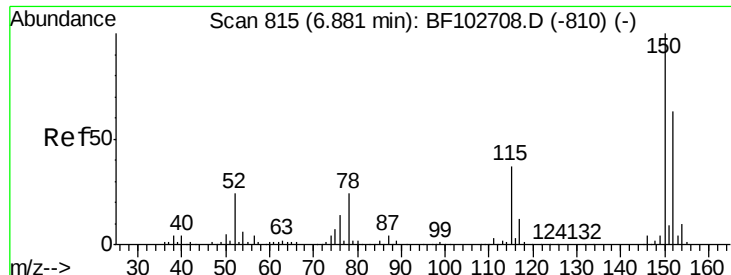
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 10 Sample Multiplier: 1

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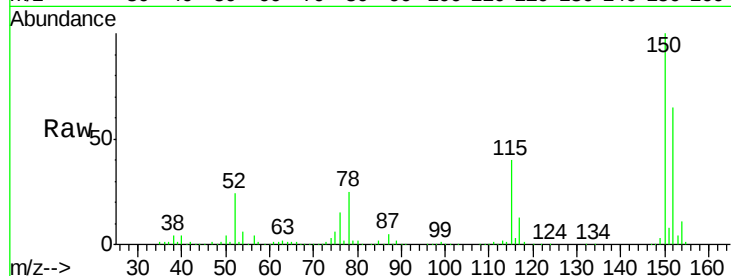


#1

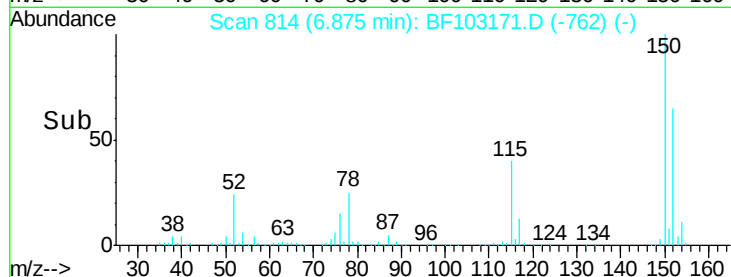
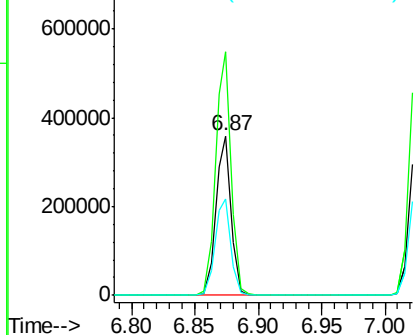
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF103171.D
Acq: 22 Feb 2018 19:15

Instrument :
BNA_F
ClientSampleId :
HD-01-022118

Tot Ion:152 Resp: 305556
Ion Ratio Lower Upper
152 100
150 152.9 124.6 186.8
115 60.7 50.1 75.1



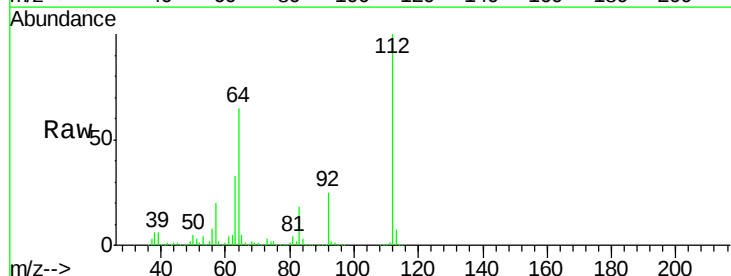
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



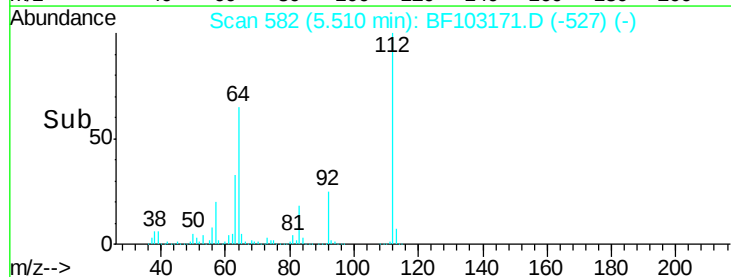
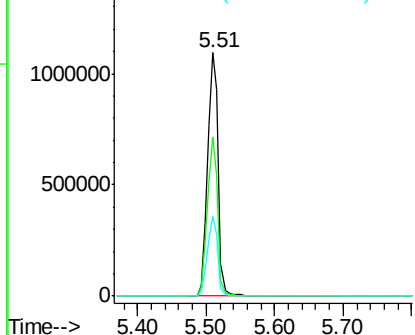
#5

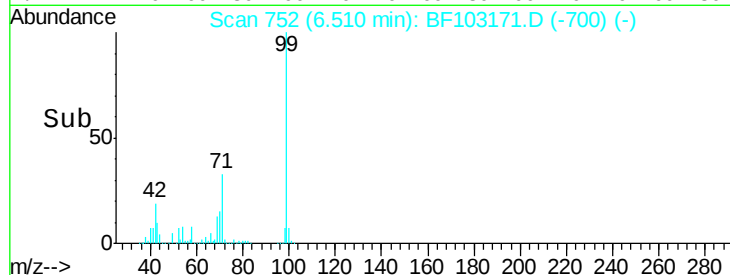
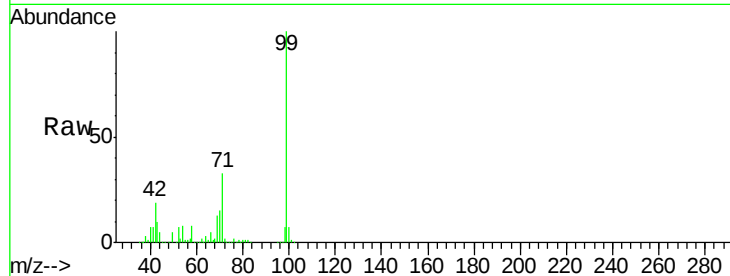
2-Fluorophenol
Concen: 59.653 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.02 min
Lab File: BF103171.D
Acq: 22 Feb 2018 19:15

Tgt Ion:112 Resp: 1205178
Ion Ratio Lower Upper
112 100
64 65.4 47.9 71.9
63 33.0 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: 52.375 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF103171.D

Acq: 22 Feb 2018 19:15

Instrument :

BNA_F

ClientSampleId :

HD-01-022118

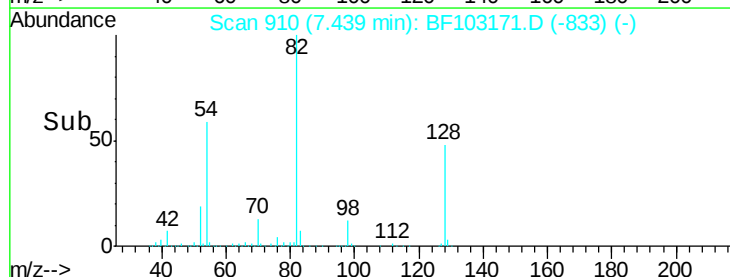
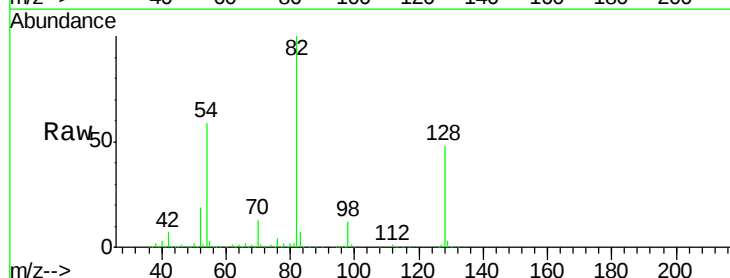
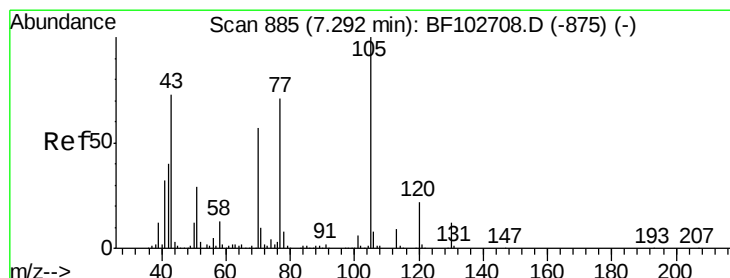
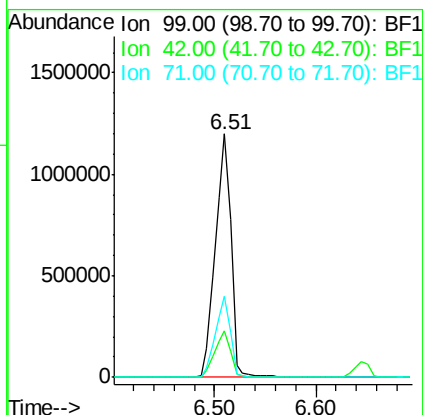
Tot Ion: 99 Resp: 1294781

Ion Ratio Lower Upper

99 100

42 19.2 14.5 21.7

71 33.2 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 8.401 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.15 min

Lab File: BF103171.D

Acq: 22 Feb 2018 19:15

Tgt Ion: 70 Resp: 129255

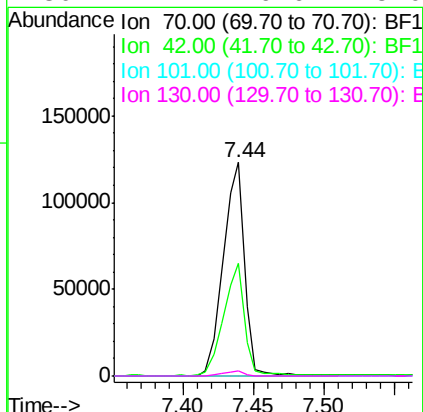
Ion Ratio Lower Upper

70 100

42 52.5 47.5 71.3

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF103171.D

Acq: 22 Feb 2018 19:15

Instrument :

BNA_F

ClientSampleId :

HD-01-022118

Tot Ion:136 Resp: 1225717

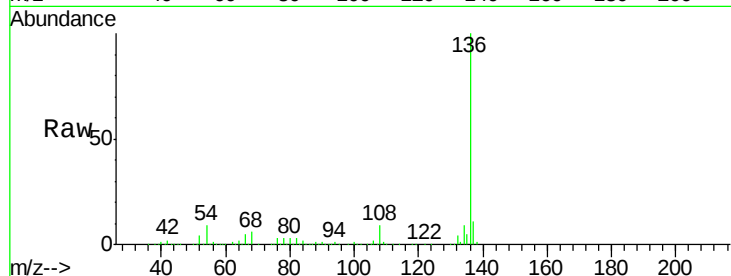
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 9.2 6.6 9.8

68 6.1 5.0 7.4

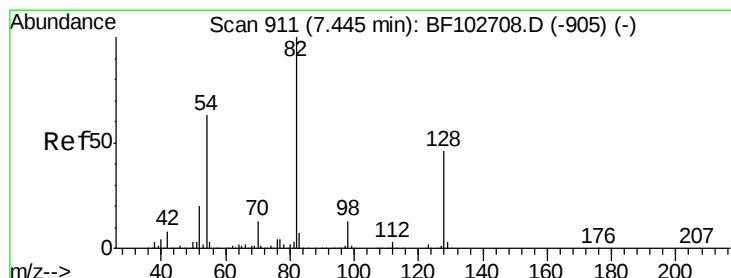
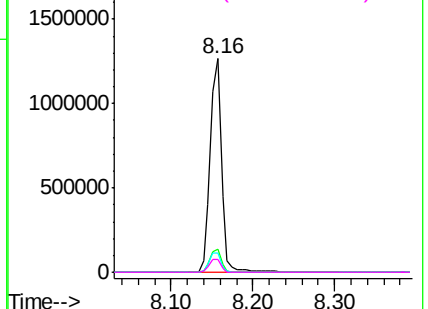
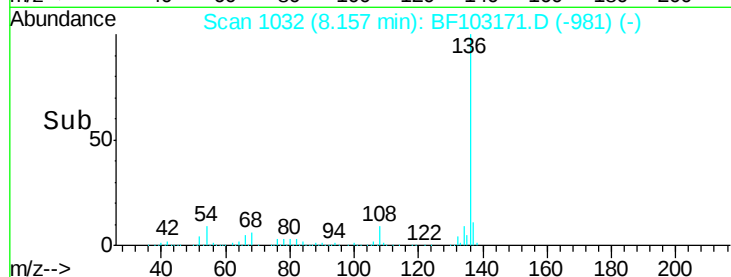


Abundance Ion 136.00 (135.70 to 136.70): E

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: 45.388 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.00 min

Lab File: BF103171.D

Acq: 22 Feb 2018 19:15

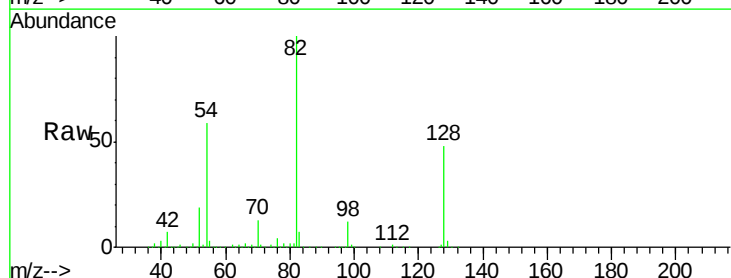
Tgt Ion: 82 Resp: 974166

Ion Ratio Lower Upper

82 100

128 48.1 36.1 54.1

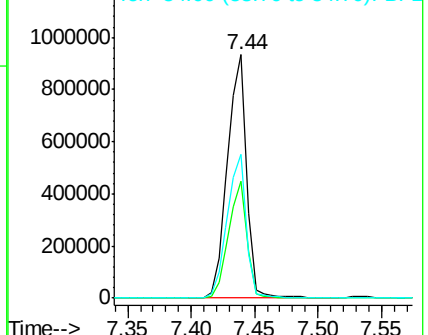
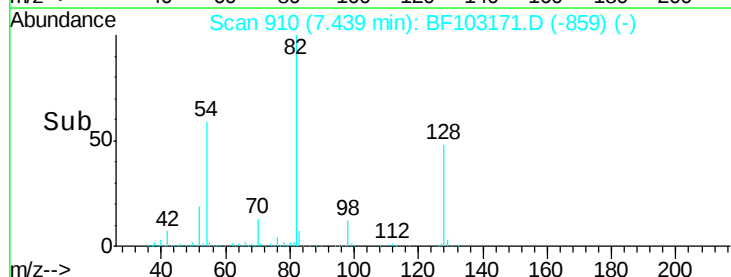
54 59.1 41.4 62.2

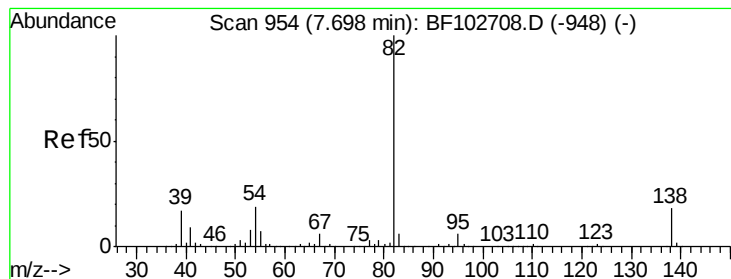


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 23.045 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.25 min

Lab File: BF103171.D

Acq: 22 Feb 2018 19:15

Instrument :

BNA_F

ClientSampleId :

HD-01-022118

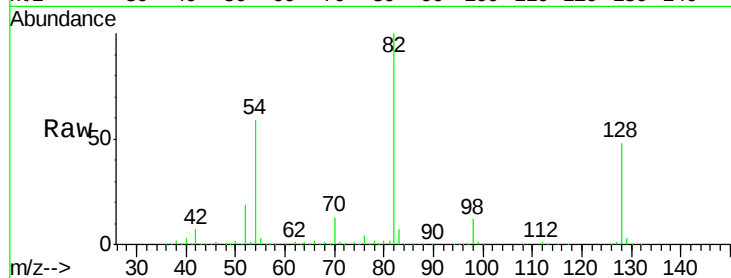
Tot Ion: 82 Resp: 974152

Ion Ratio Lower Upper

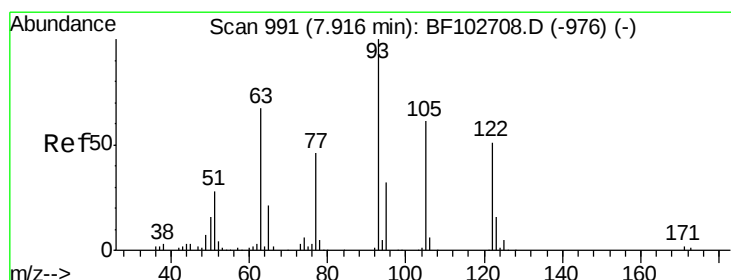
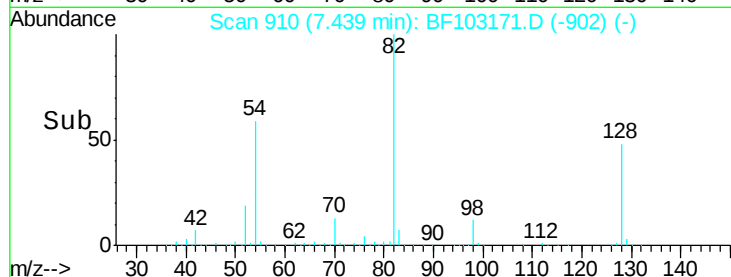
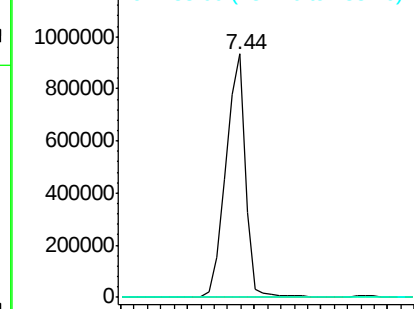
82 100

95 0.1 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



#32

Benzoic acid

Concen: 6.922 ng

RT: 7.94 min Scan# 995

Delta R.T. 0.01 min

Lab File: BF103171.D

Acq: 22 Feb 2018 19:15

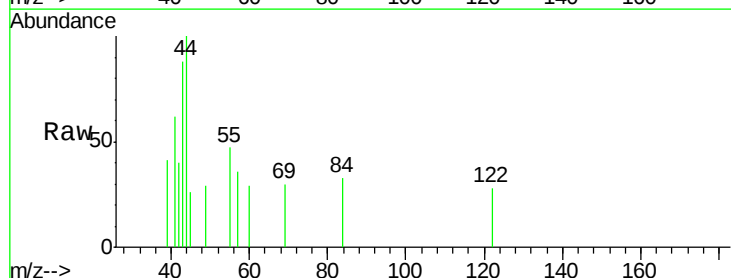
Tgt Ion: 122 Resp: 118

Ion Ratio Lower Upper

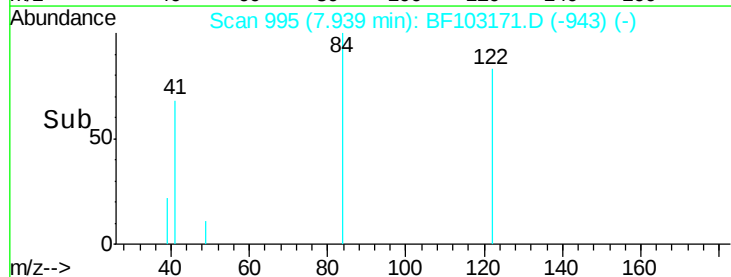
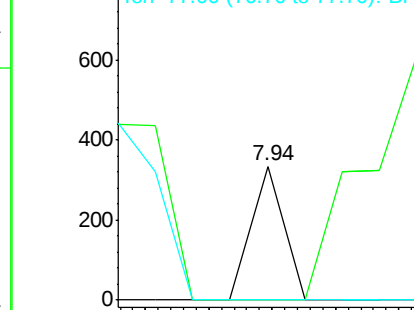
122 100

105 0.0 101.1 141.1#

77 0.0 70.7 110.7#



Abundance Ion 122.00 (121.70 to 122.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 77.00 (76.70 to 77.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.00 min

Lab File: BF103171.D

Acq: 22 Feb 2018 19:15

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BNA_F

ClientSampleId :

HD-01-022118

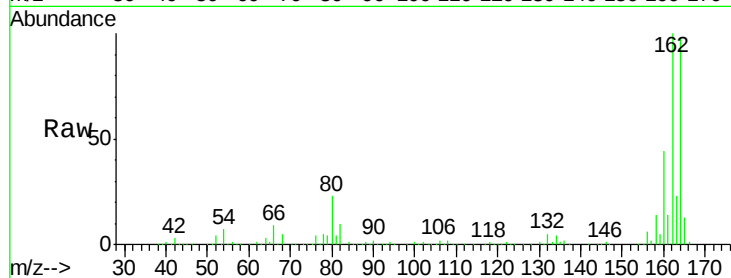
Tot Ion:164 Resp: 482749

Ion Ratio Lower Upper

164 100

162 102.5 86.1 129.1

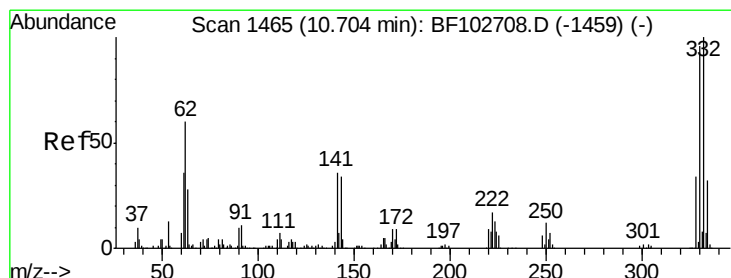
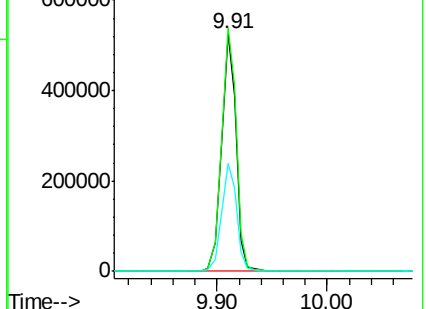
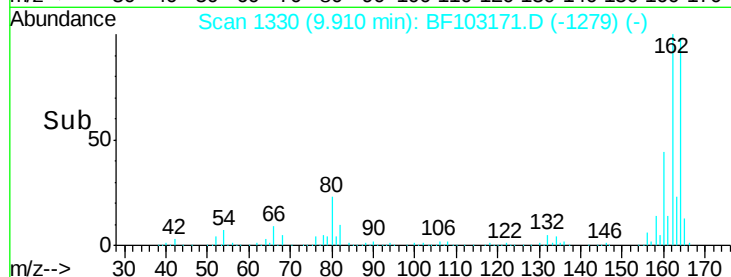
160 45.6 38.3 57.5



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: 57.893 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.00 min

Lab File: BF103171.D

Acq: 22 Feb 2018 19:15

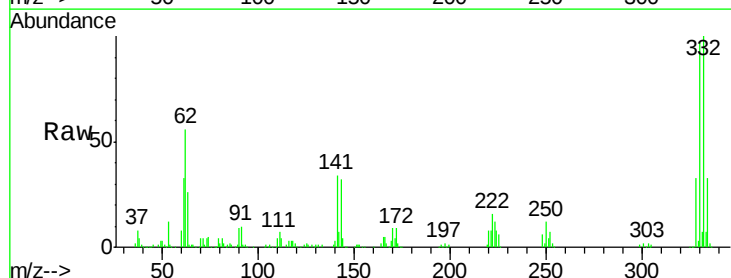
Tgt Ion:330 Resp: 236563

Ion Ratio Lower Upper

330 100

332 101.7 77.0 115.6

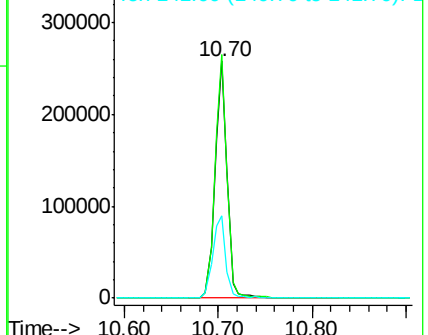
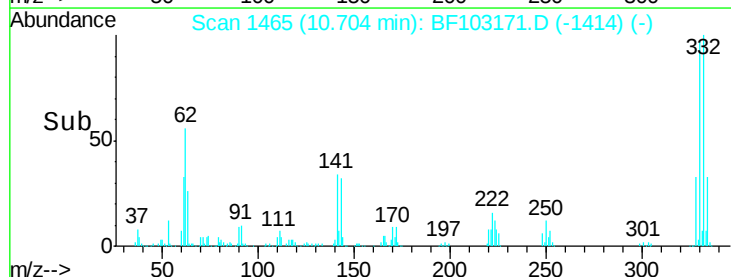
141 38.0 29.9 44.9

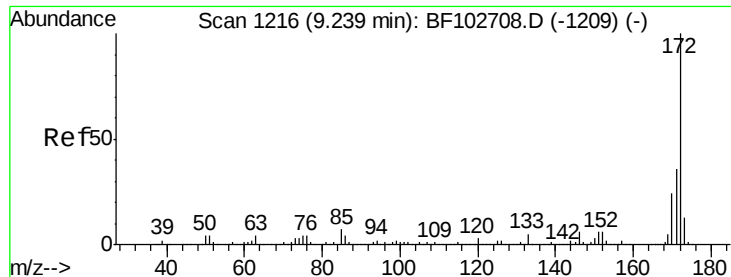


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



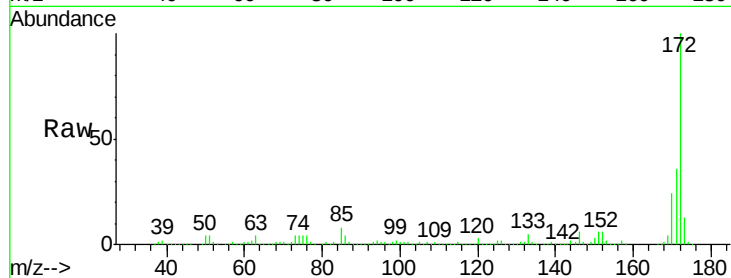


#44
 2-Fluorobiphenyl
 Concen: 45.972 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. 0.00 min
 Lab File: BF103171.D
 Acq: 22 Feb 2018 19:15

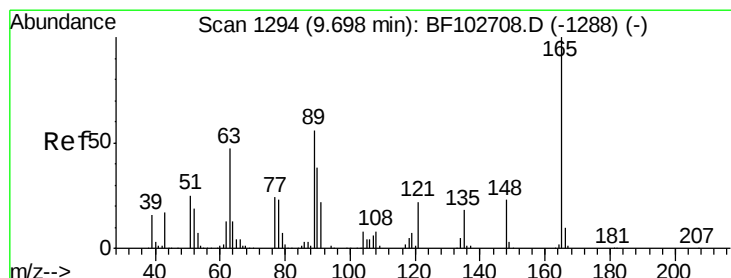
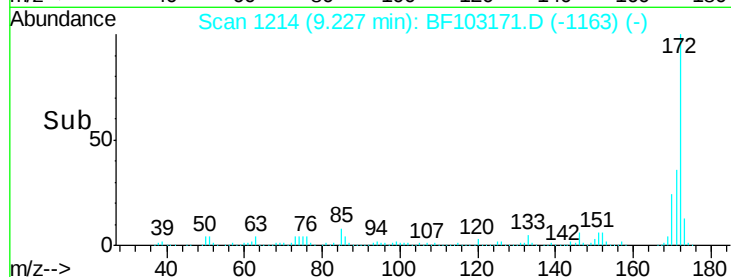
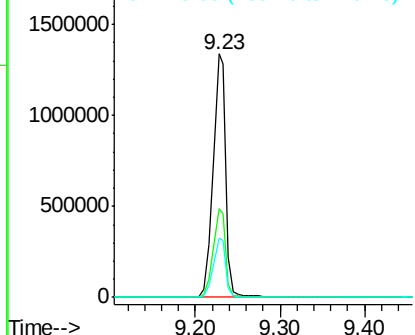
Instrument :
 BNA_F
 ClientSampleId :
 HD-01-022118

Tot Ion:172 Resp: 1447561

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.3	19.6	29.4



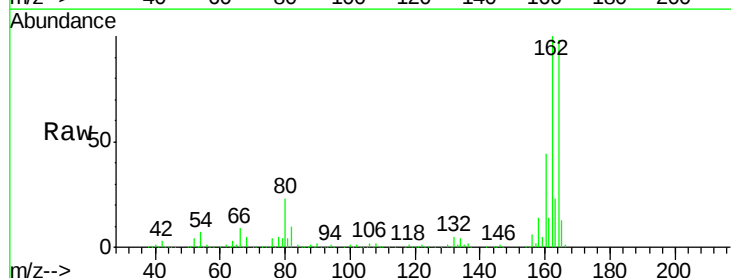
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



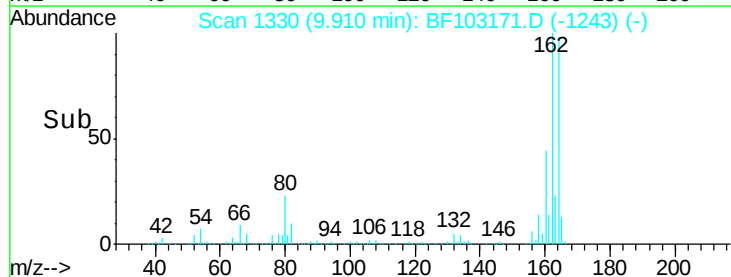
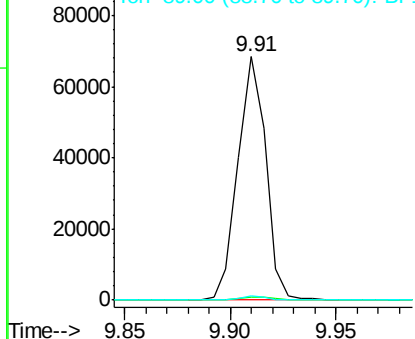
#50
 2,6-Dinitrotoluene
 Concen: 7.710 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. 0.21 min
 Lab File: BF103171.D
 Acq: 22 Feb 2018 19:15

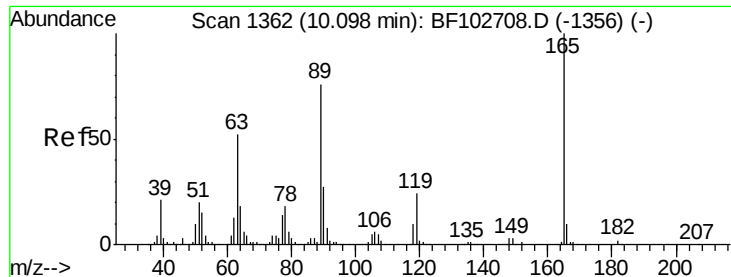
Tgt Ion:165 Resp: 62662

Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	1.6	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

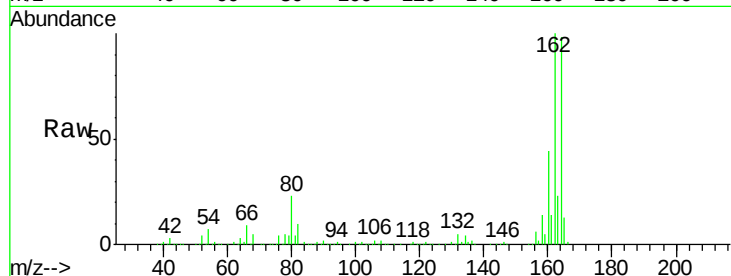




#56
 2,4-Dinitrotoluene
 Concen: 6.096 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.19 min
 Lab File: BF103171.D
 Acq: 22 Feb 2018 19:15

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-022118

Tot Ion:165	Resp:	62662
Ion Ratio	Lower	Upper
165	100	
63	1.3	36.4 54.6#
89	1.6	57.8 86.6#
182	0.0	1.6 2.4#

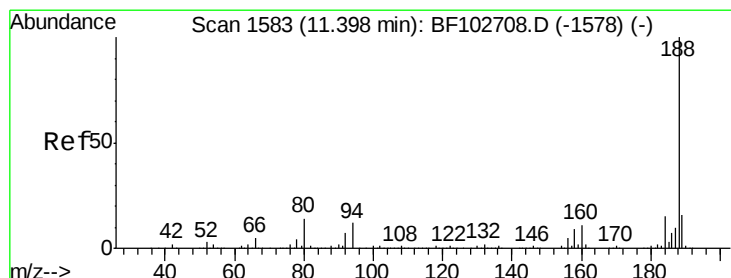
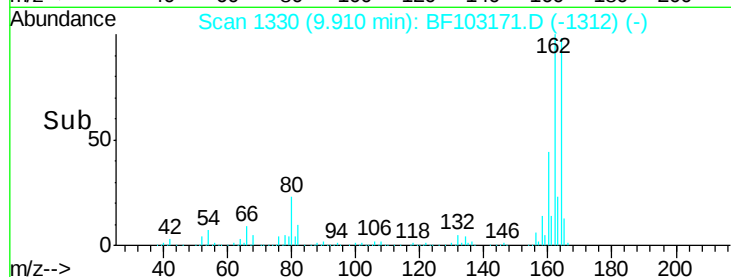
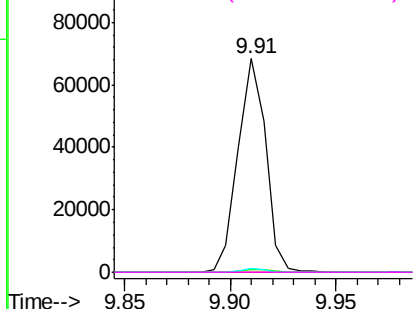


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

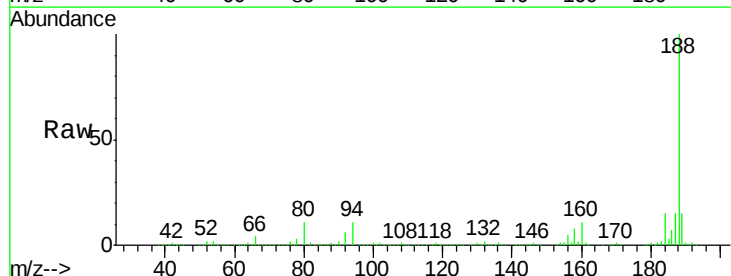
Ion 89.00 (88.70 to 89.70): BF1

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: BF103171.D
 Acq: 22 Feb 2018 19:15

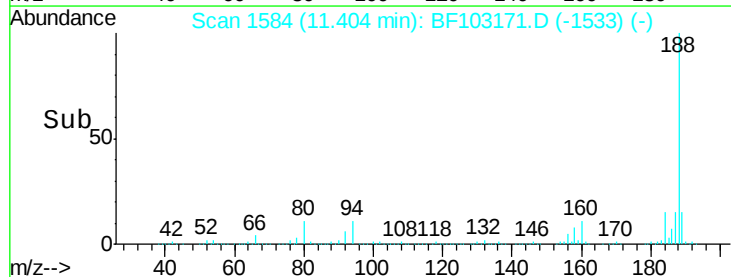
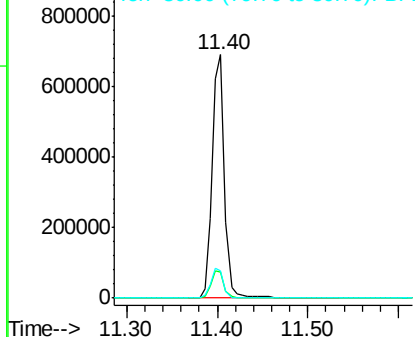
Tgt Ion:188	Resp:	657239
Ion Ratio	Lower	Upper
188	100	
94	10.7	8.5 12.7
80	11.2	9.2 13.8

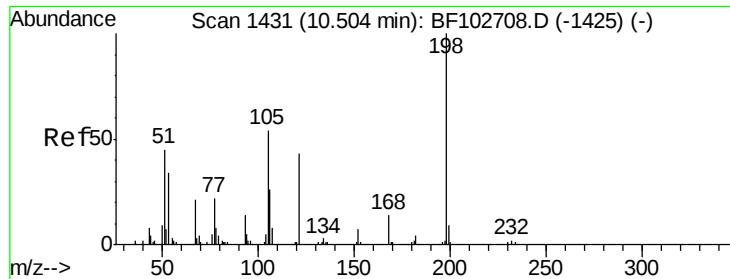


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

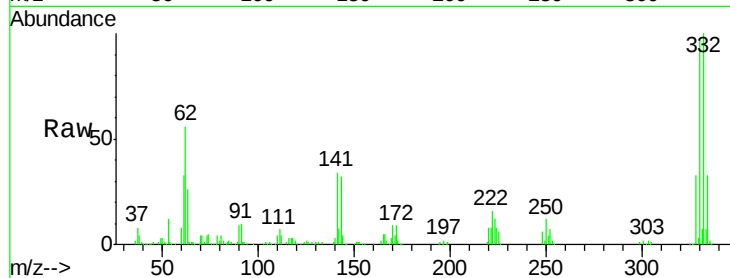




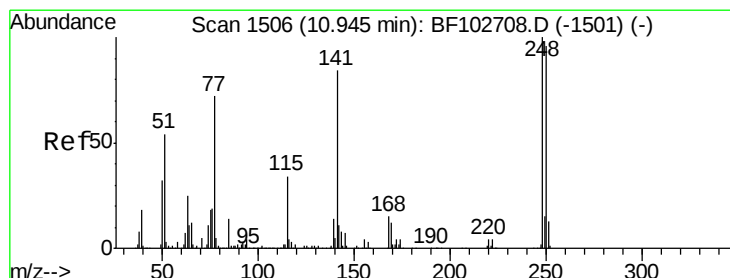
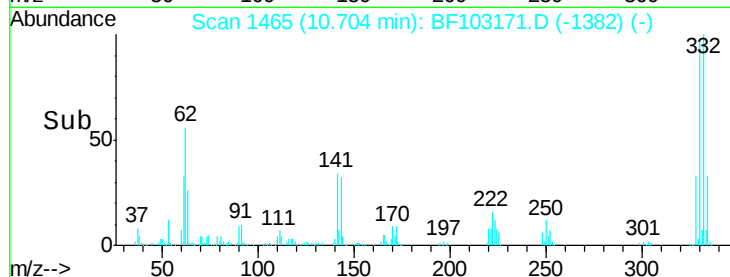
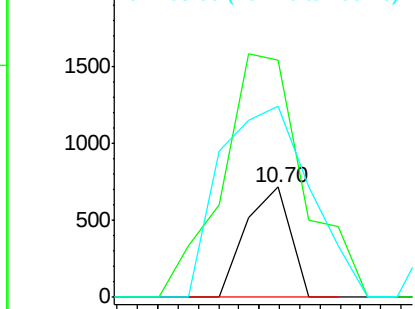
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.043 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.19 min
 Lab File: BF103171.D
 Acq: 22 Feb 2018 19:15

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-022118

Tot Ion:198 Resp: 437
 Ion Ratio Lower Upper
 198 100
 51 214.8 37.7 77.7#
 105 173.1 36.3 76.3#

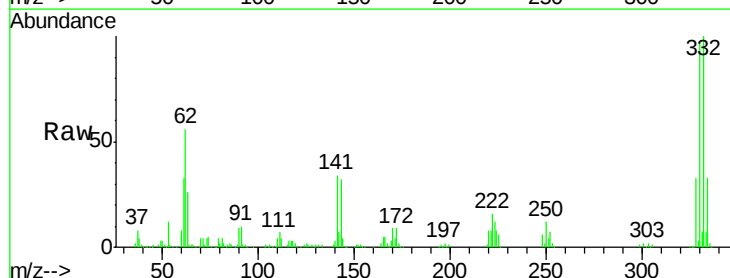


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

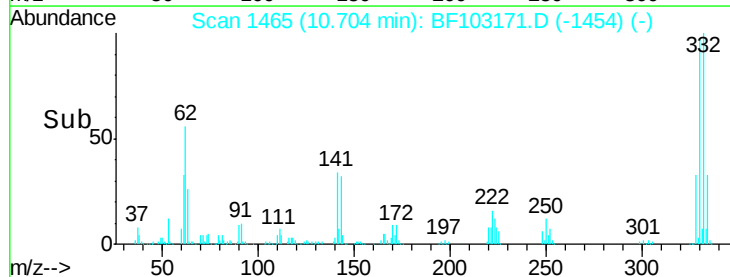
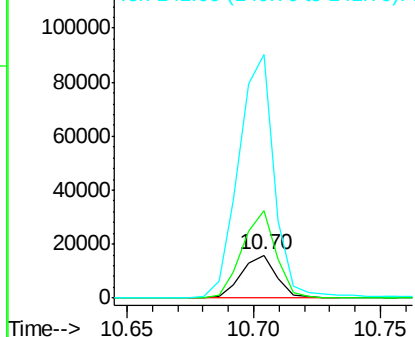


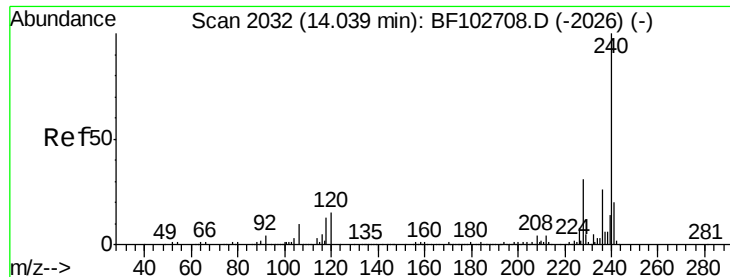
#66
 4-Bromophenyl-phenylether
 Concen: 2.220 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.24 min
 Lab File: BF103171.D
 Acq: 22 Feb 2018 19:15

Tgt Ion:248 Resp: 15202
 Ion Ratio Lower Upper
 248 100
 250 204.6 76.9 115.3#
 141 570.0 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: 14.05 min Scan# 2034

Delta R.T. -0.00 min

Lab File: BF103171.D

Acq: 22 Feb 2018 19:15

Instrument :

BNA_F

ClientSampleId :

HD-01-022118

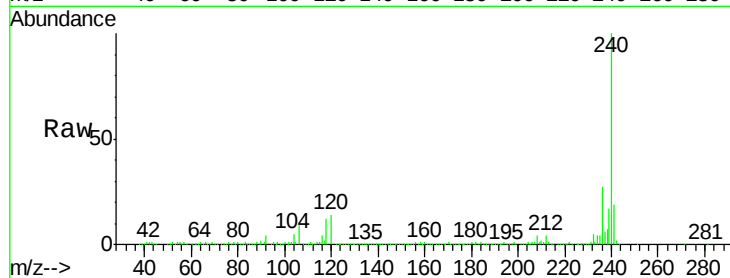
Tot Ion:240 Resp: 521808

Ion Ratio Lower Upper

240 100

120 13.7 9.5 14.3

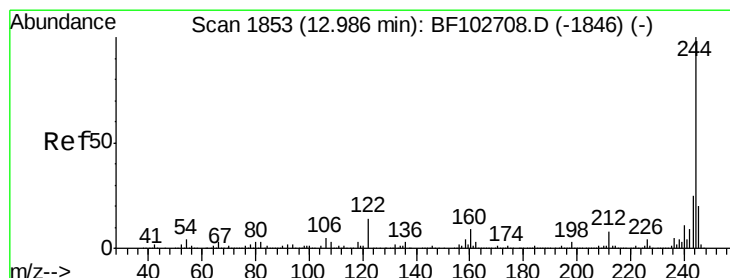
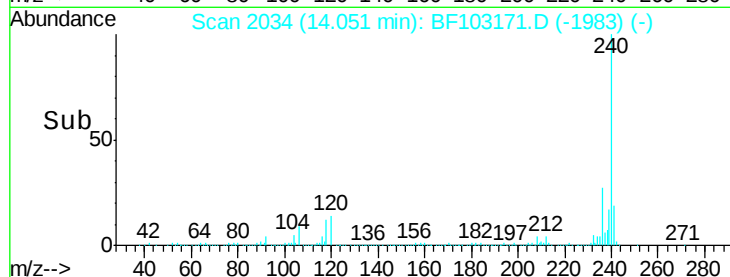
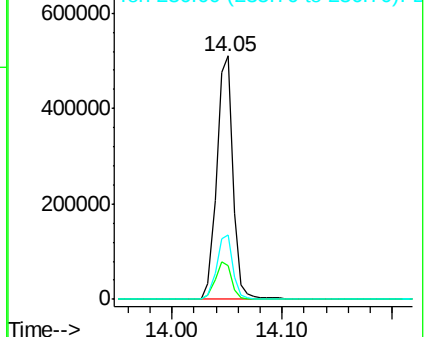
236 26.6 20.7 31.1



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: 43.421 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.00 min

Lab File: BF103171.D

Acq: 22 Feb 2018 19:15

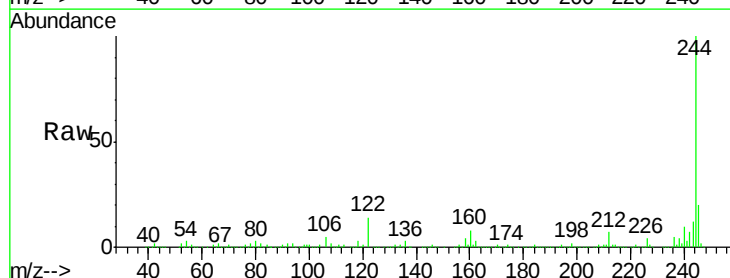
Tgt Ion:244 Resp: 942549

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

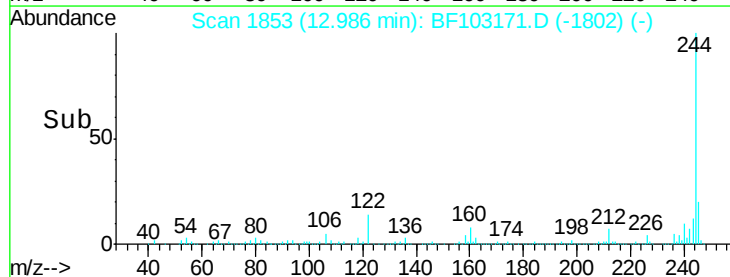
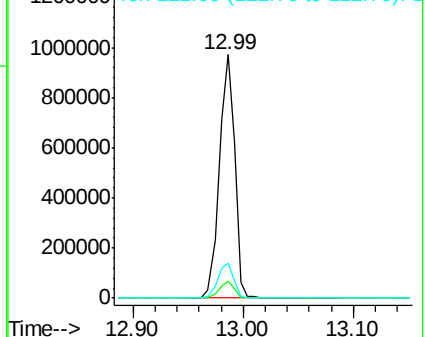
122 14.3 11.0 16.4

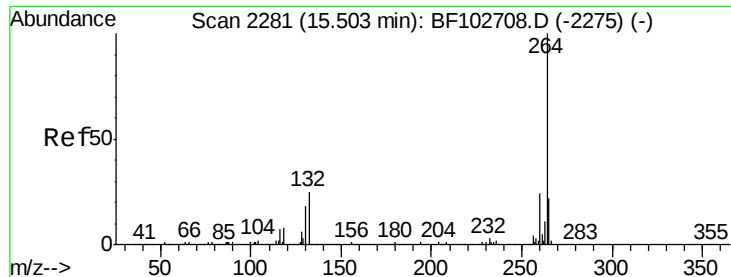


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.54 min Scan# 2288
Delta R.T. 0.01 min
Lab File: BF103171.D
Acq: 22 Feb 2018 19:15

Instrument :
BNA_F
ClientSampleId :
HD-01-022118

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	20.8	17.5	26.3

