

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022018\
 Data File : BF103113.D
 Acq On : 20 Feb 2018 9:41
 Operator : SJ/JU
 Sample : J1573-08RE
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 20 13:16:13 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 16 14:34:49 2018
 Response via : Initial Calibration

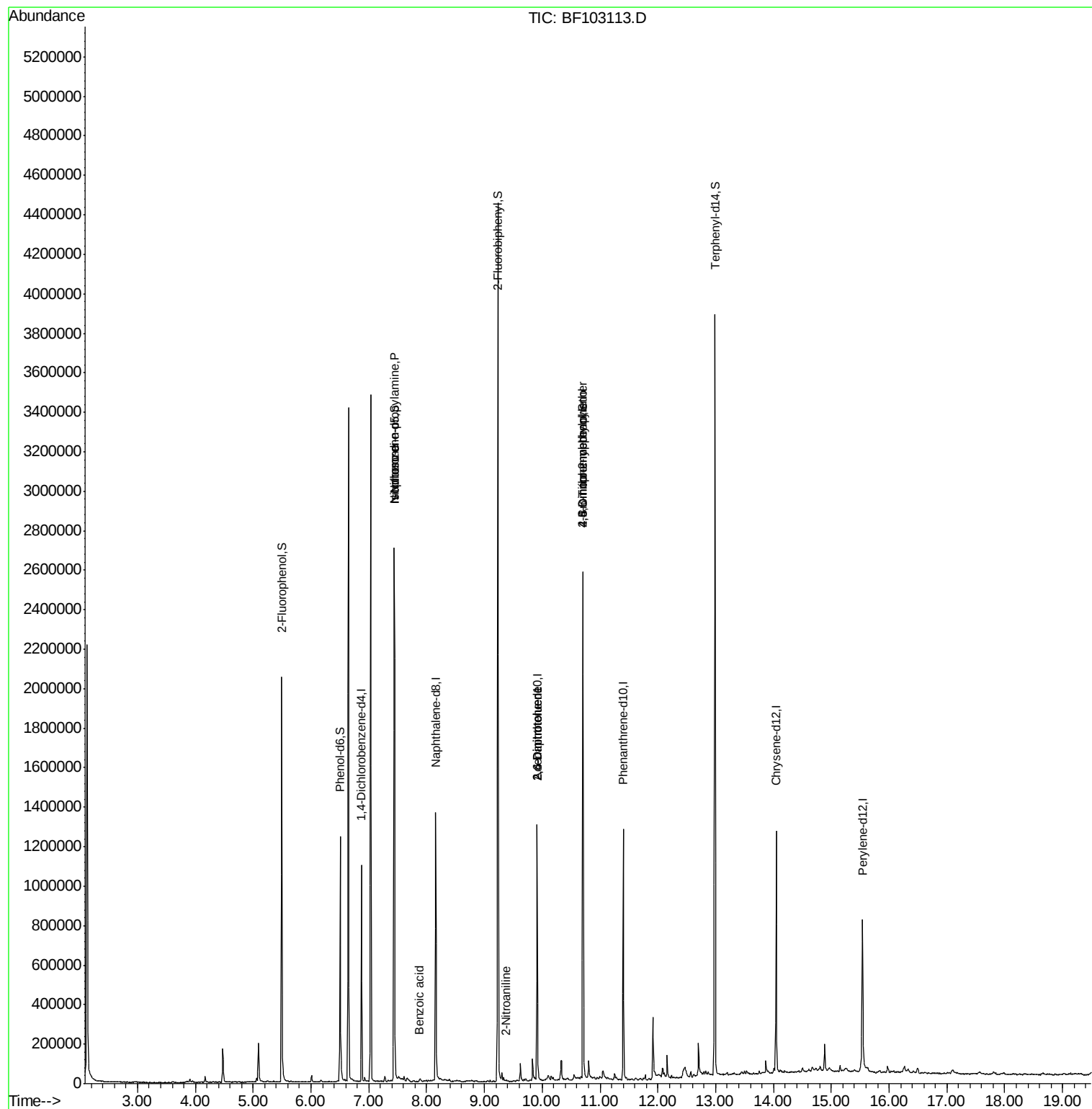
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	142853	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	584508	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	265935	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	479216	20.00	ng	0.00
75) Chrysene-d12	14.05	240	399330	20.00	ng	-0.01
86) Perylene-d12	15.54	264	345877	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	567898	60.37	ng	0.00
7) Phenol-d6	6.50	99	432460	38.18	ng	0.00
23) Nitrobenzene-d5	7.44	82	935068	110.98	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	318243	148.68	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1492940	93.16	ng	0.00
78) Terphenyl-d14	12.99	244	1488137	88.24	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.44	70	127974	17.137	ng	# 82
25) Isophorone	7.44	82	935051	48.194	ng	# 64
32) Benzoic acid	7.87	122	2564	8.971	ng	# 86
47) 2-Nitroaniline	9.37	65	117	3.492	ng	# 2
50) 2,6-Dinitrotoluene	9.91	165	34521	8.751	ng	# 25
56) 2,4-Dinitrotoluene	9.91	165	34521	9.182	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.70	198	755	9.142	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	21102	4.163	ng	# 1

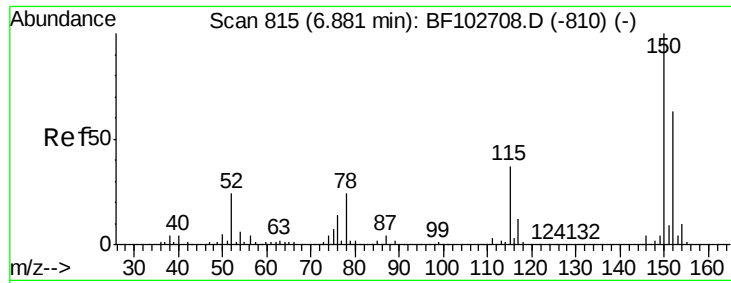
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022018\
Data File : BF103113.D
Acq On : 20 Feb 2018 9:41
Operator : SJ/JU
Sample : J1573-08RE
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Feb 20 13:16:13 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 16 14:34:49 2018
Response via : Initial Calibration

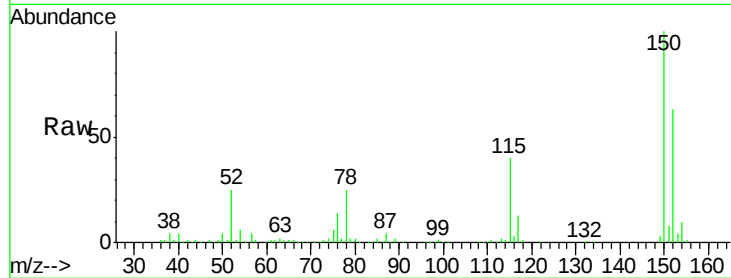




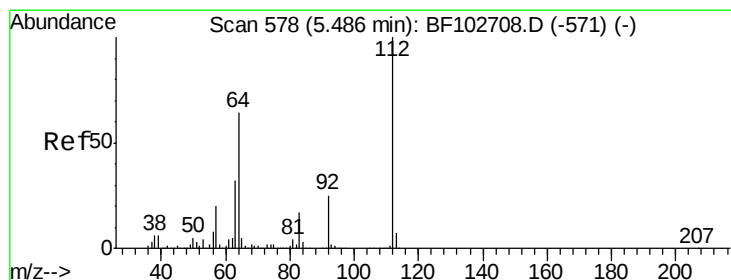
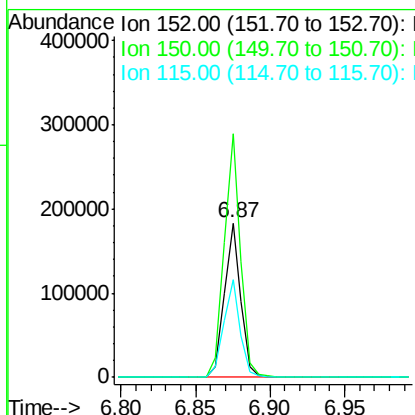
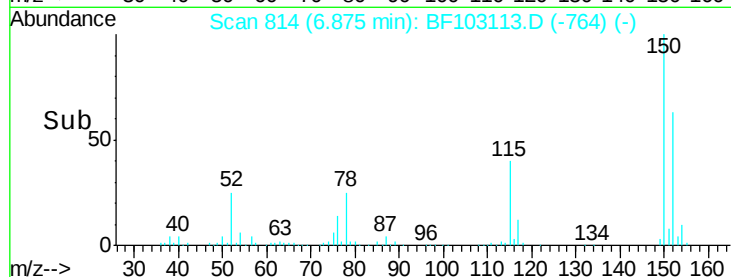
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF103113.D
 Acq: 20 Feb 2018 9:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 142853
 Ion Ratio Lower Upper
 152 100
 150 157.7 124.6 186.8
 115 62.9 50.1 75.1

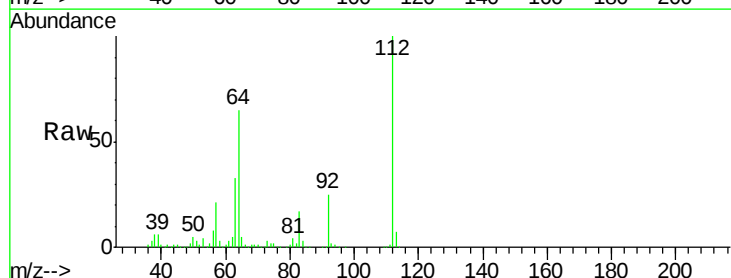


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

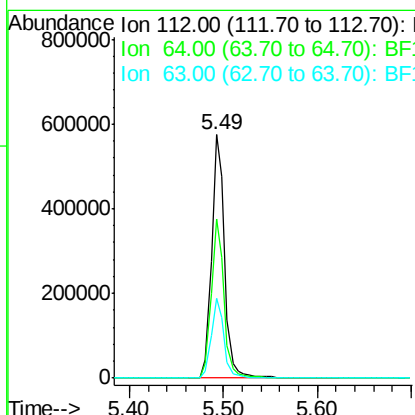
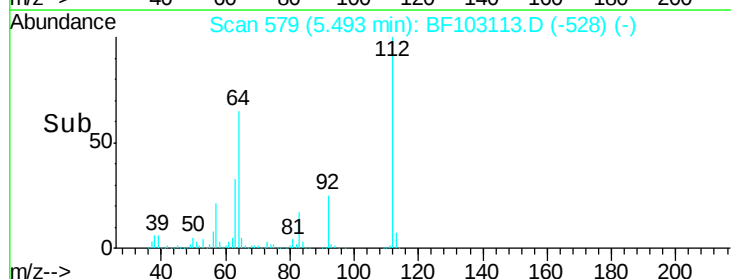


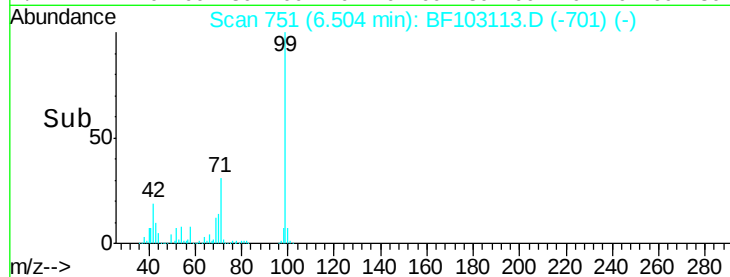
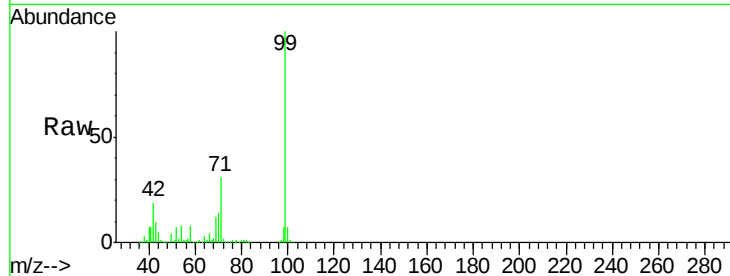
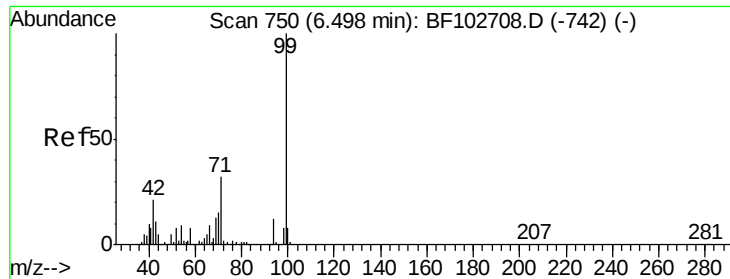
#5
 2-Fluorophenol
 Concen: 60.373 ng
 RT: 5.49 min Scan# 579
 Delta R.T. 0.00 min
 Lab File: BF103113.D
 Acq: 20 Feb 2018 9:41

Tgt Ion:112 Resp: 567898
 Ion Ratio Lower Upper
 112 100
 64 65.4 47.9 71.9
 63 32.7 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: 38.183 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF103113.D

Acq: 20 Feb 2018 9:41

Instrument :

BNA_F

ClientSampleId :

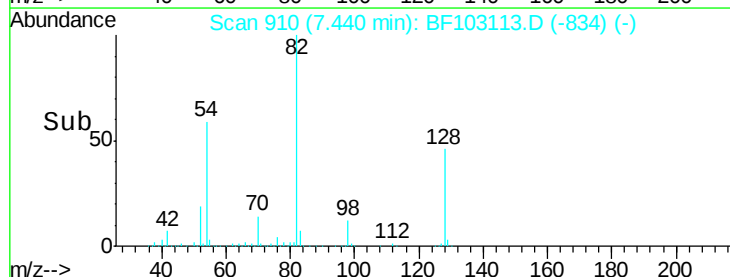
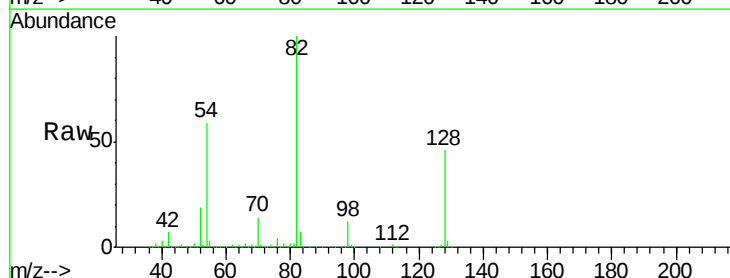
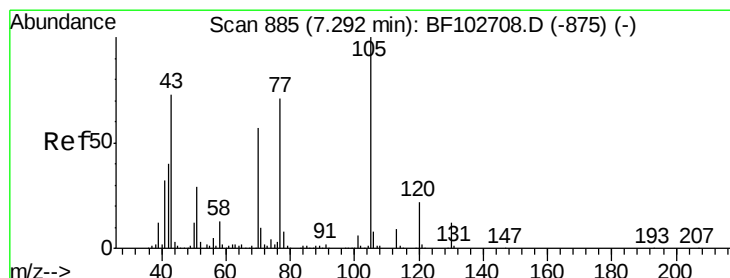
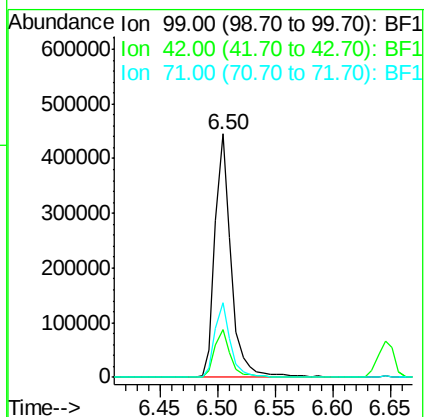
Tot Ion: 99 Resp: 432460

Ion Ratio Lower Upper

99 100

42 19.5 14.5 21.7

71 30.6 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 17.137 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.15 min

Lab File: BF103113.D

Acq: 20 Feb 2018 9:41

Tgt Ion: 70 Resp: 127974

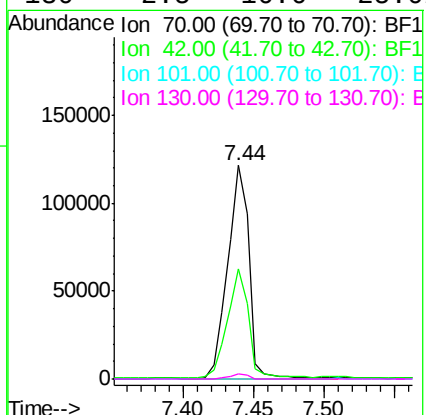
Ion Ratio Lower Upper

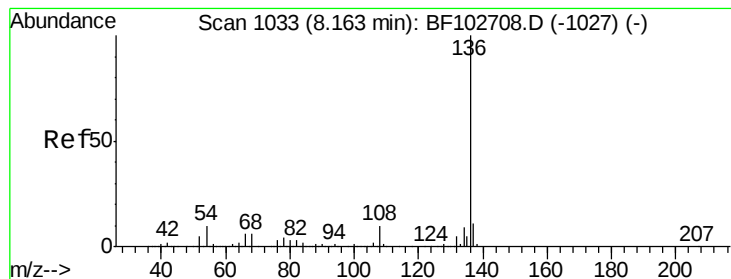
70 100

42 51.8 47.5 71.3

101 0.0 7.4 11.2#

130 2.5 16.6 25.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF103113.D

Acq: 20 Feb 2018 9:41

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 584508

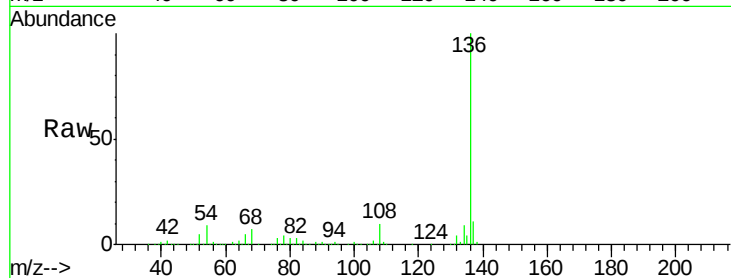
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 9.5 6.6 9.8

68 6.9 5.0 7.4

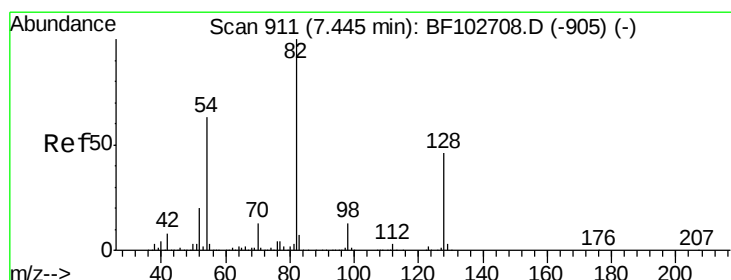
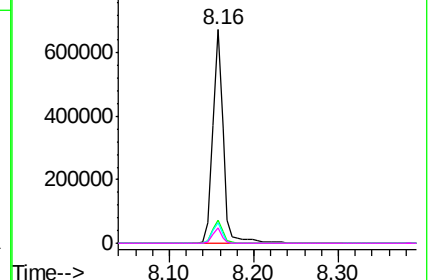
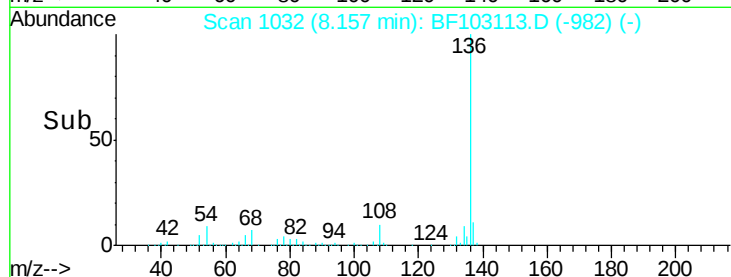


Abundance Ion 136.00 (135.70 to 136.70): E

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: 110.976 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF103113.D

Acq: 20 Feb 2018 9:41

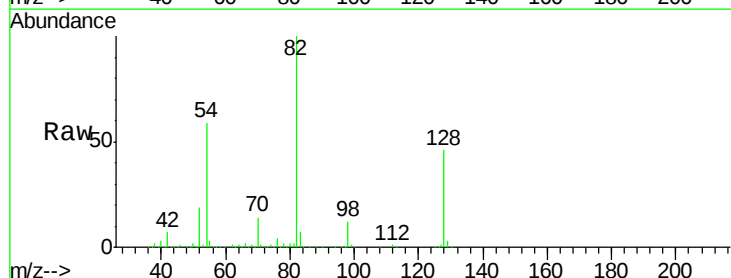
Tgt Ion: 82 Resp: 935068

Ion Ratio Lower Upper

82 100

128 45.9 36.1 54.1

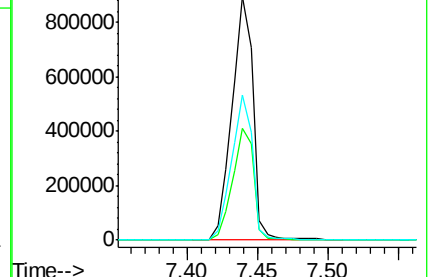
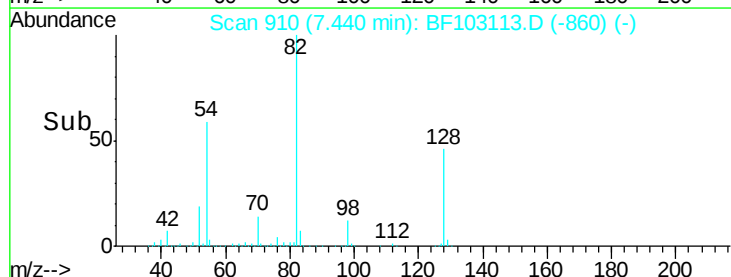
54 59.4 41.4 62.2

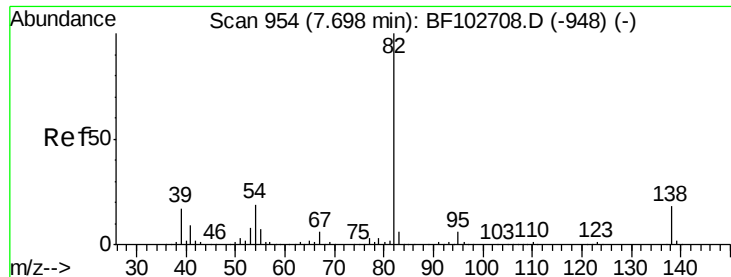


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 48.194 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.26 min

Lab File: BF103113.D

Acq: 20 Feb 2018 9:41

Instrument :

BNA_F

ClientSampled :

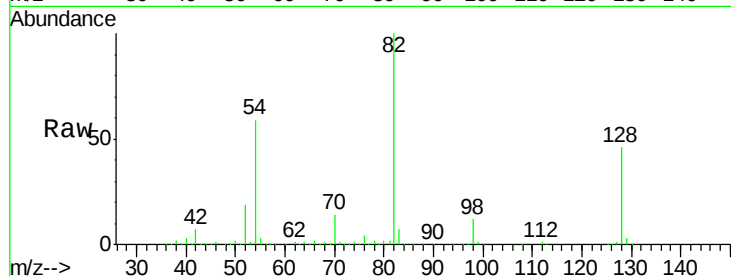
Tot Ion: 82 Resp: 935051

Ion Ratio Lower Upper

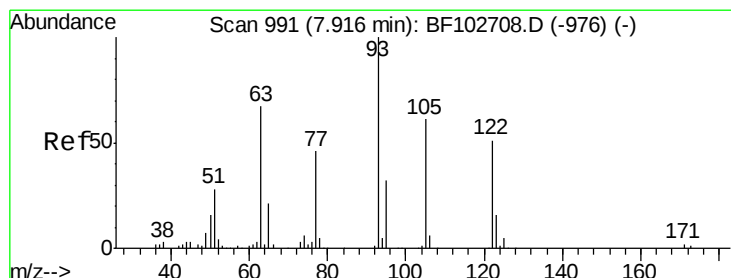
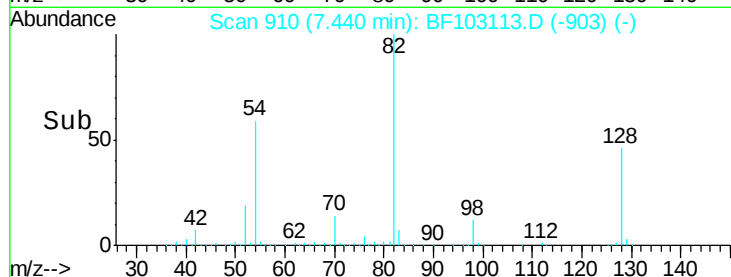
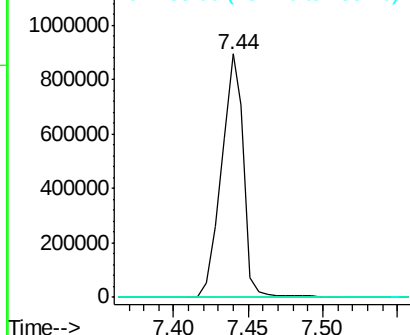
82 100

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



#32

Benzoic acid

Concen: 8.971 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.07 min

Lab File: BF103113.D

Acq: 20 Feb 2018 9:41

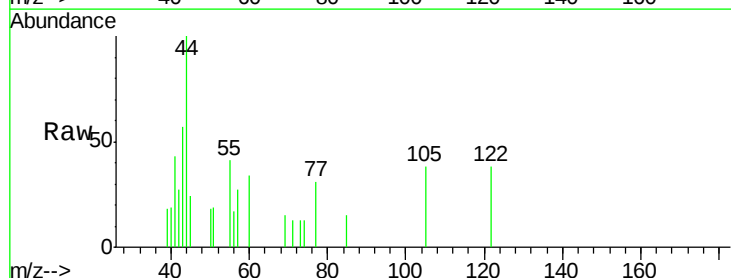
Tgt Ion: 122 Resp: 2564

Ion Ratio Lower Upper

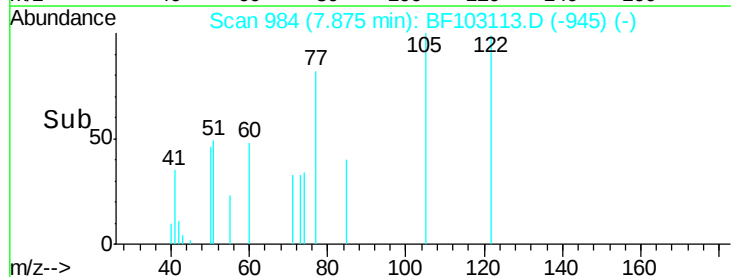
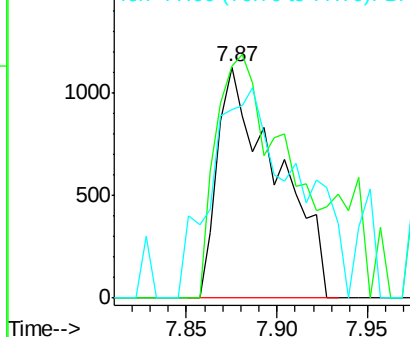
122 100

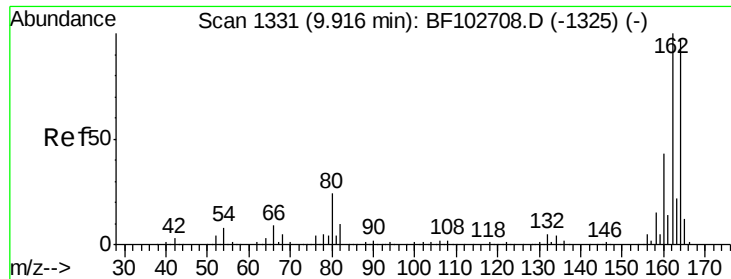
105 100.5 101.1 141.1#

77 81.9 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

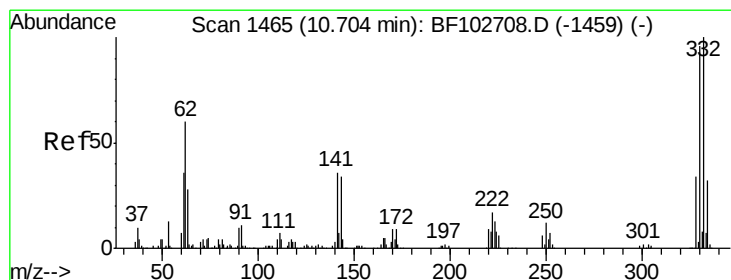
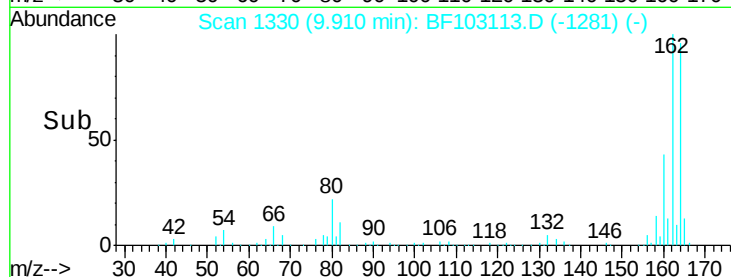
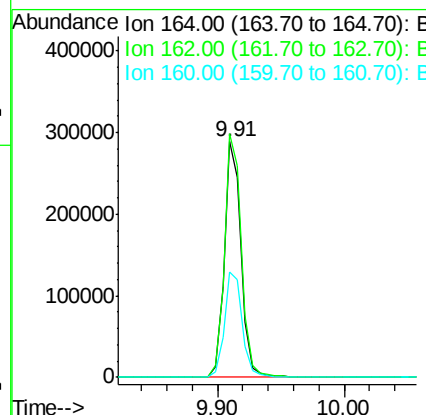
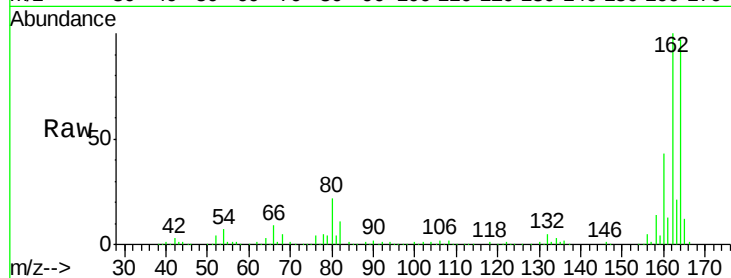




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF103113.D
 Acq: 20 Feb 2018 9:41

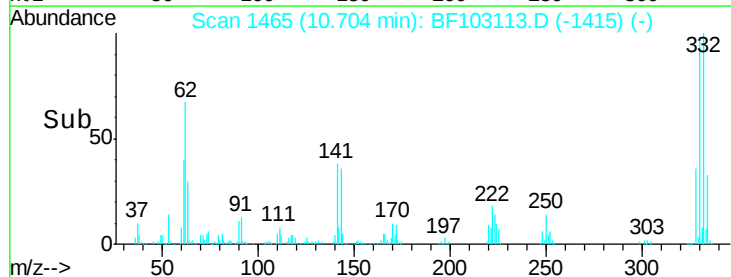
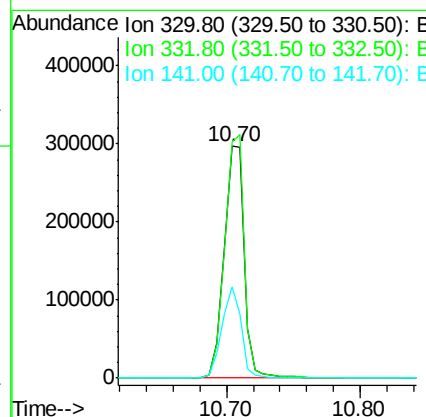
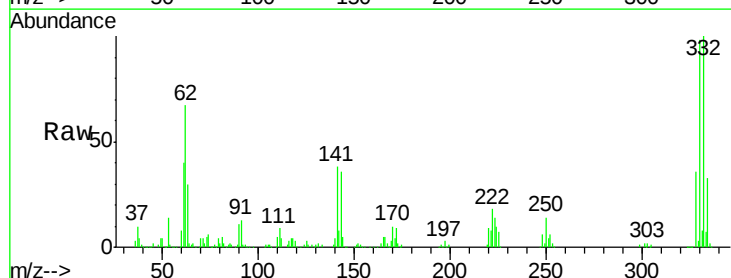
Instrument :
 BNA_F
 ClientSampleId :

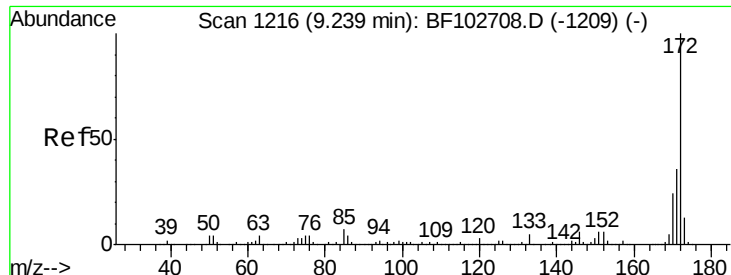
Tot Ion:164 Resp: 265935
 Ion Ratio Lower Upper
 164 100
 162 103.3 86.1 129.1
 160 44.8 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 148.679 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF103113.D
 Acq: 20 Feb 2018 9:41

Tgt Ion:330 Resp: 318243
 Ion Ratio Lower Upper
 330 100
 332 102.3 77.0 115.6
 141 38.0 29.9 44.9

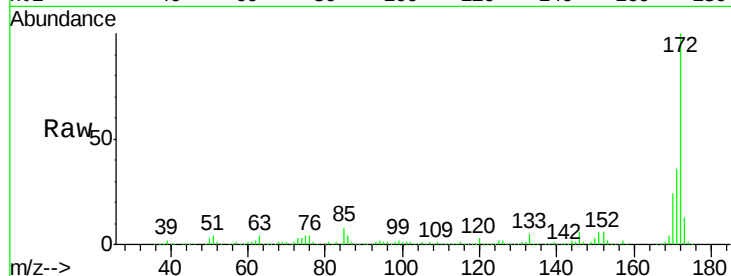




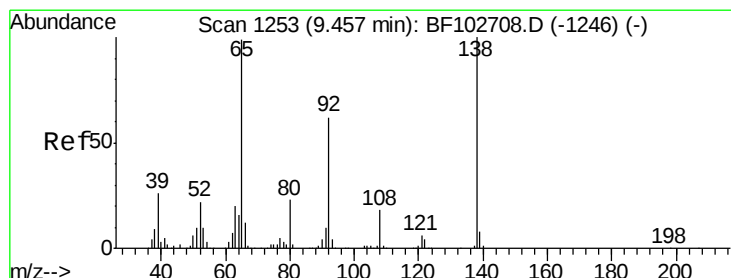
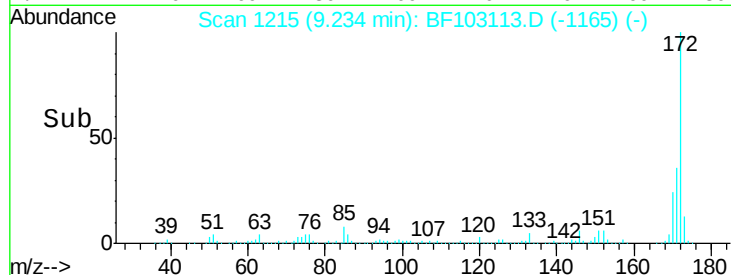
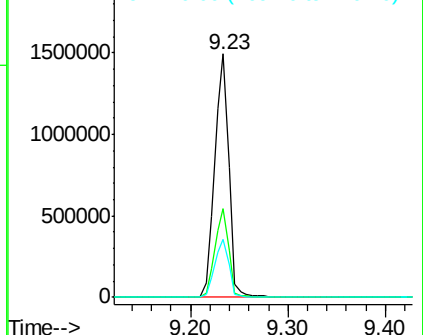
#44
 2-Fluorobiphenyl
 Concen: 93.155 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF103113.D
 Acq: 20 Feb 2018 9:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1492940
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.7 44.5
 170 24.0 19.6 29.4

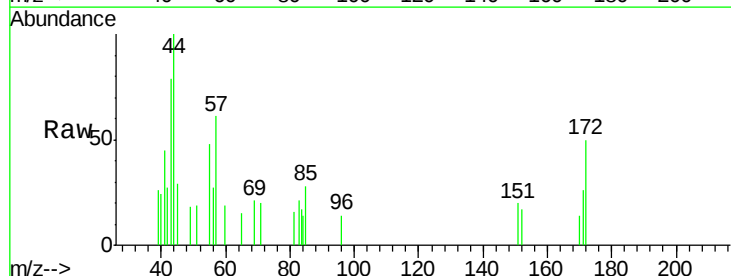


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

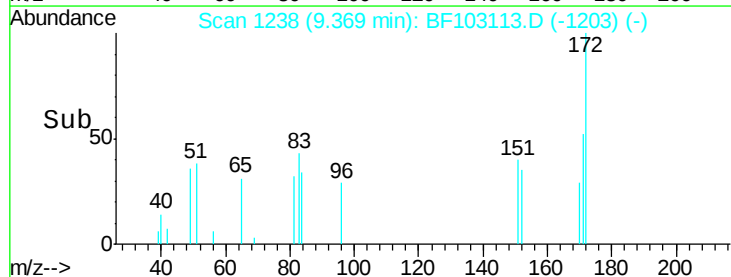
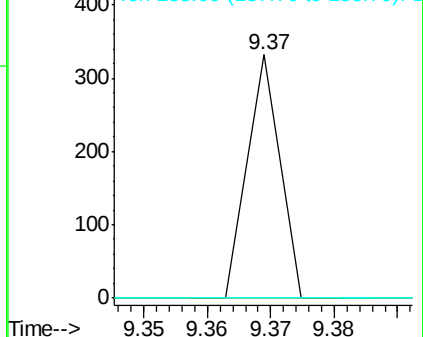


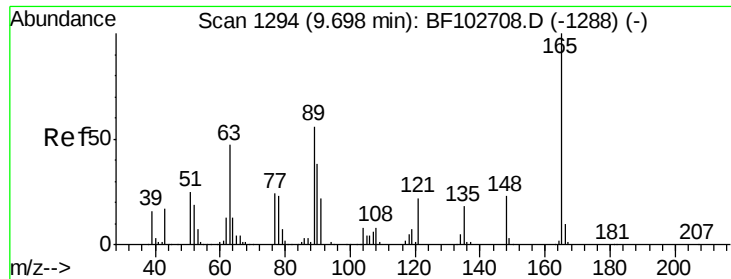
#47
 2-Nitroaniline
 Concen: 3.492 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. -0.09 min
 Lab File: BF103113.D
 Acq: 20 Feb 2018 9:41

Tgt Ion: 65 Resp: 117
 Ion Ratio Lower Upper
 65 100
 92 0.0 55.8 83.6#
 138 0.0 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): E

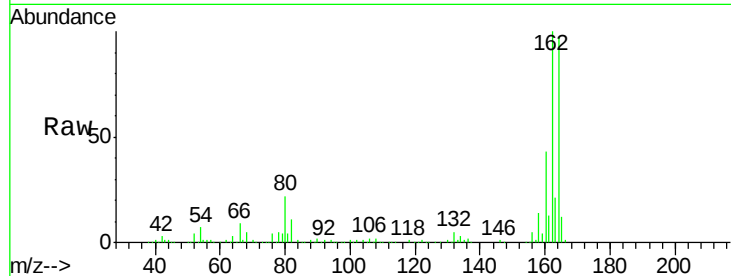




#50
 2,6-Dinitrotoluene
 Concen: 8.751 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. 0.21 min
 Lab File: BF103113.D
 Acq: 20 Feb 2018 9:41

Instrument :
 BNA_F
 ClientSampled :

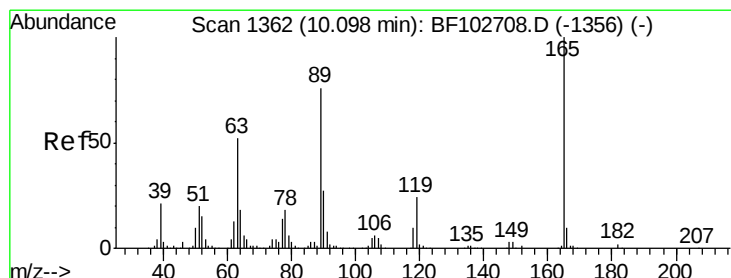
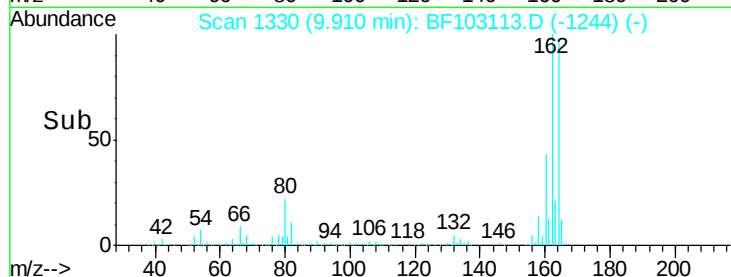
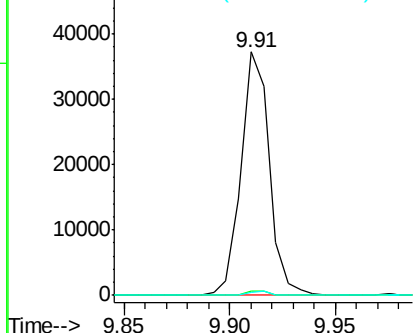
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.7	67.1#
89	1.1	44.0	66.0#



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: 9.182 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.20 min
 Lab File: BF103113.D
 Acq: 20 Feb 2018 9:41

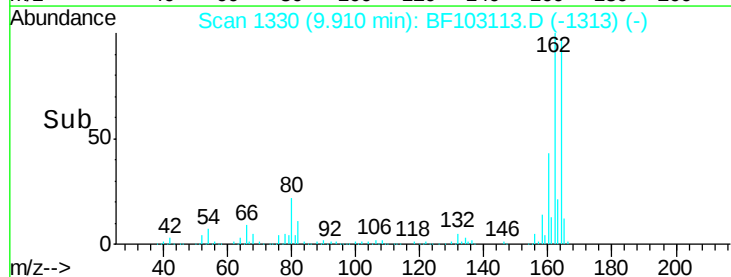
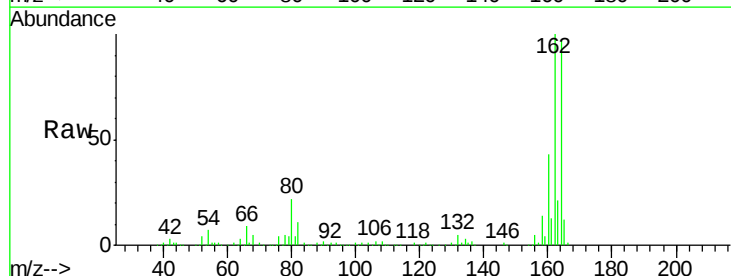
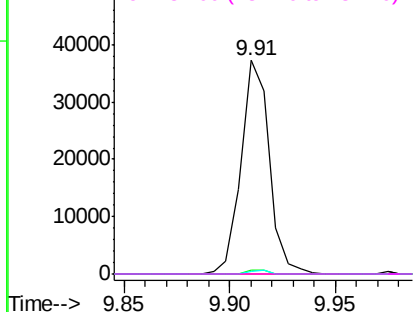
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.1	57.8	86.6#
182	0.0	1.6	2.4#

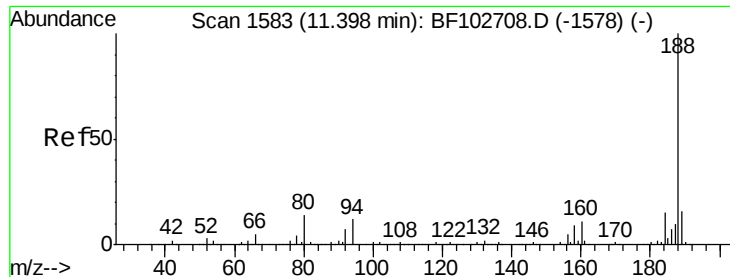
Abundance Ion 165.00 (164.70 to 165.70): E

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

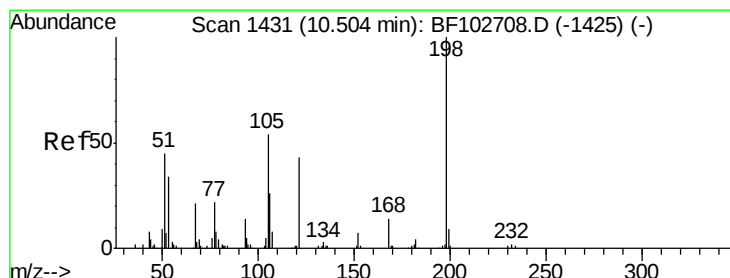
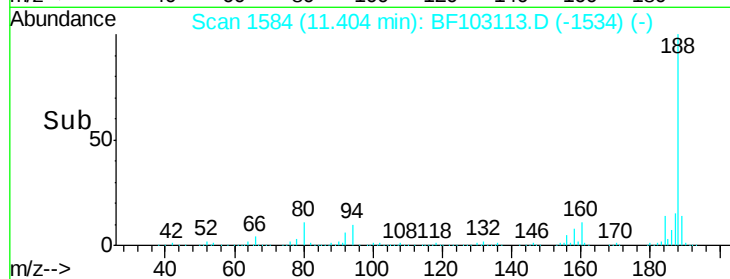
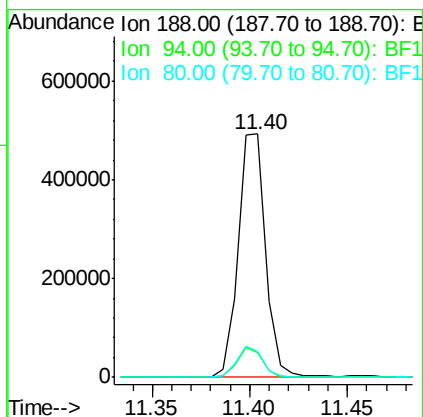
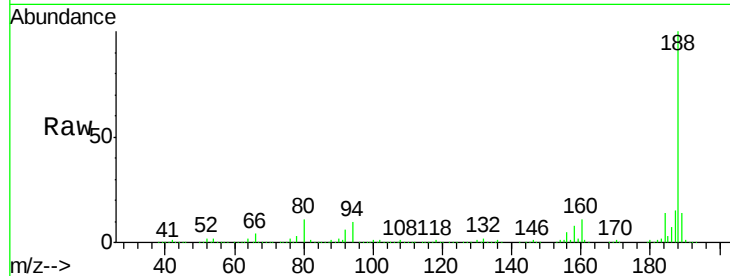




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF103113.D
Acq: 20 Feb 2018 9:41

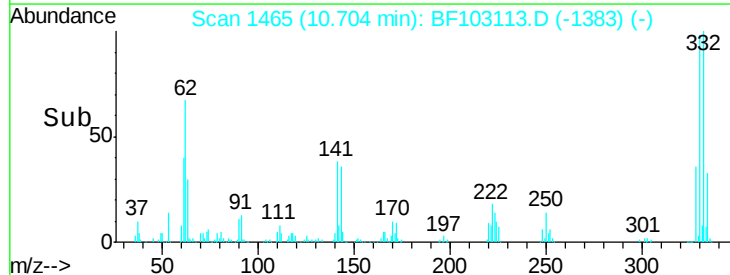
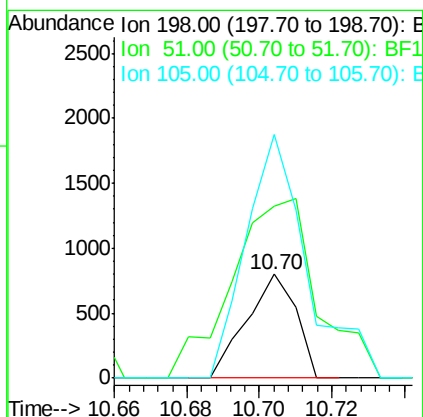
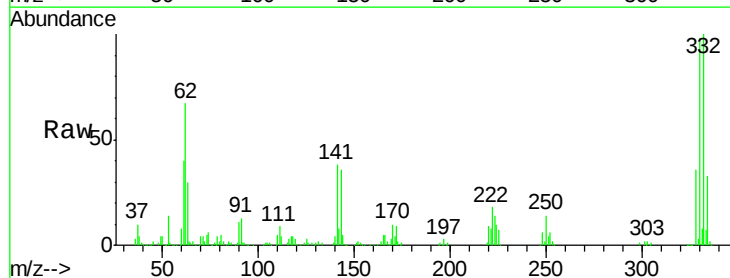
Instrument :
BNA_F
ClientSampleId :

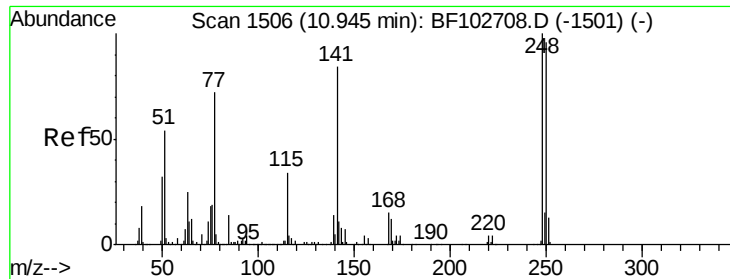
Tot Ion:188 Resp: 479216
Ion Ratio Lower Upper
188 100
94 10.4 8.5 12.7
80 10.9 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 9.142 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.18 min
Lab File: BF103113.D
Acq: 20 Feb 2018 9:41

Tgt Ion:198 Resp: 755
Ion Ratio Lower Upper
198 100
51 165.7 37.7 77.7#
105 234.1 36.3 76.3#

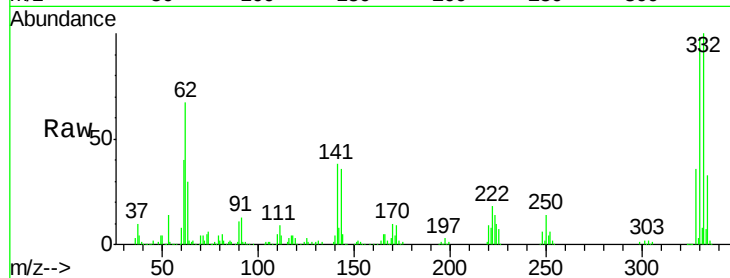




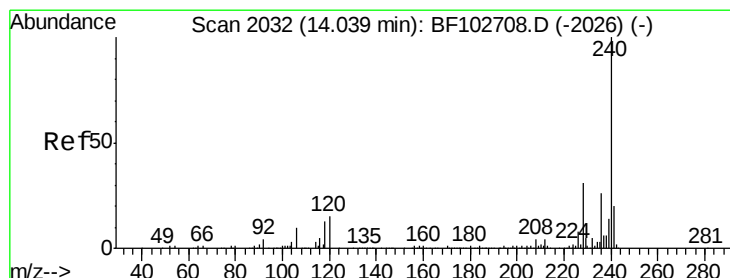
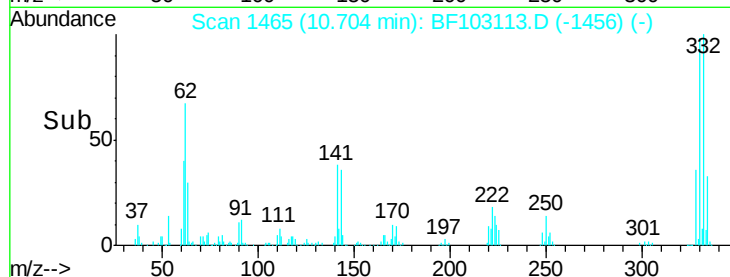
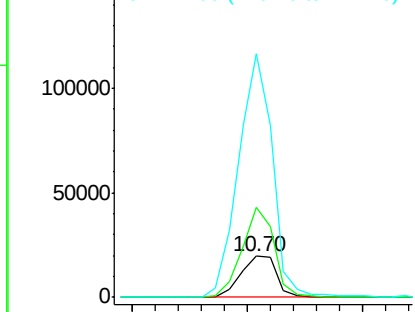
#66
4-Bromophenyl-phenylether
Concen: 4.163 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.25 min
Lab File: BF103113.D
Acq: 20 Feb 2018 9:41

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 21102
Ion Ratio Lower Upper
248 100
250 220.1 76.9 115.3#
141 597.5 74.4 111.6#

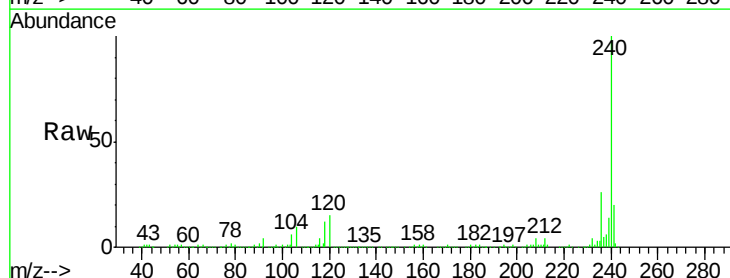


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

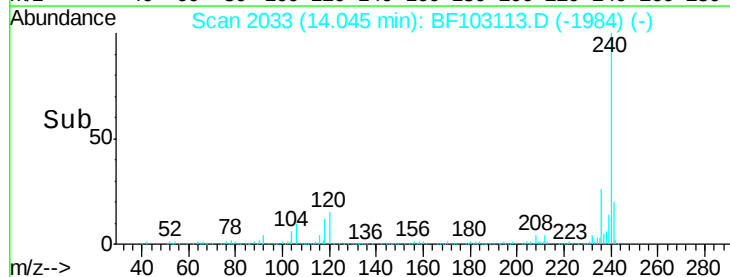
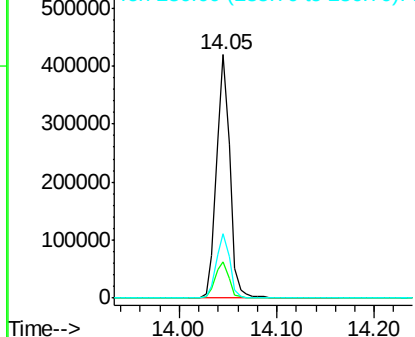


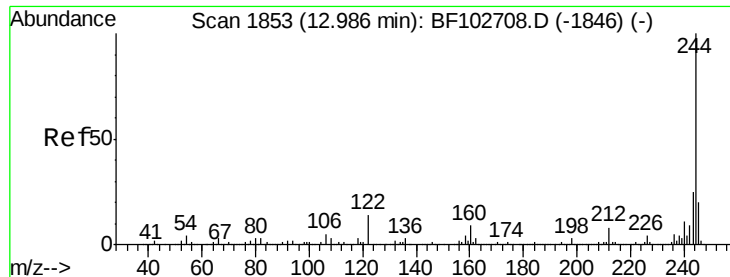
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF103113.D
Acq: 20 Feb 2018 9:41

Tgt Ion:240 Resp: 399330
Ion Ratio Lower Upper
240 100
120 15.0 9.5 14.3#
236 26.5 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: 88.237 ng

RT: 12.99 min Scan# 1854

Delta R.T. 0.00 min

Lab File: BF103113.D

Acq: 20 Feb 2018 9:41

Instrument :

BNA_F

ClientSampleId :

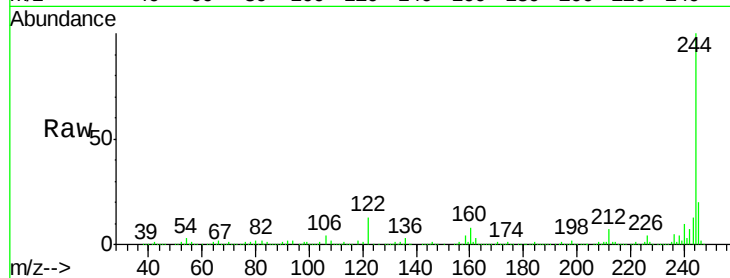
Tot Ion:244 Resp: 1488137

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

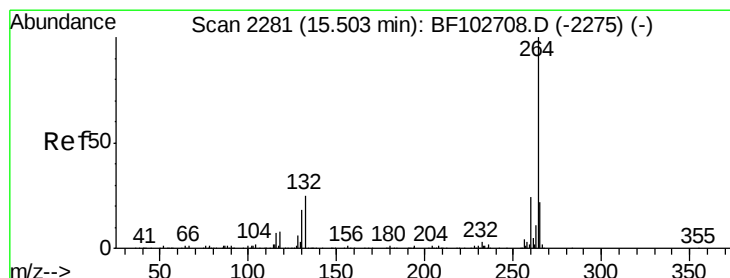
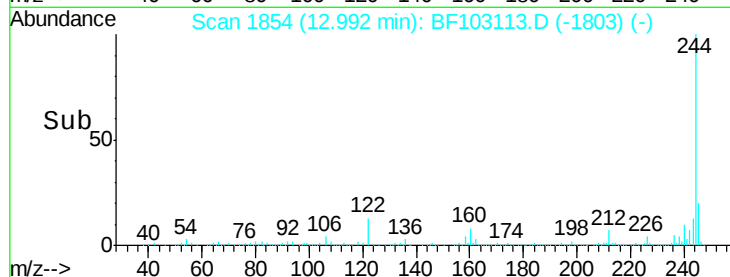
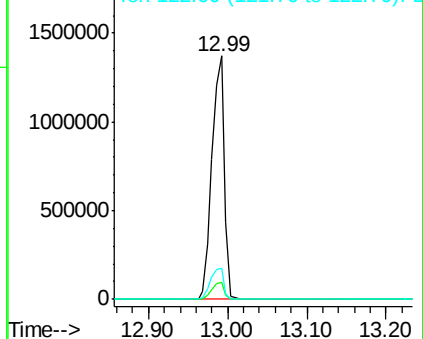
122 12.7 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.54 min Scan# 2287

Delta R.T. -0.01 min

Lab File: BF103113.D

Acq: 20 Feb 2018 9:41

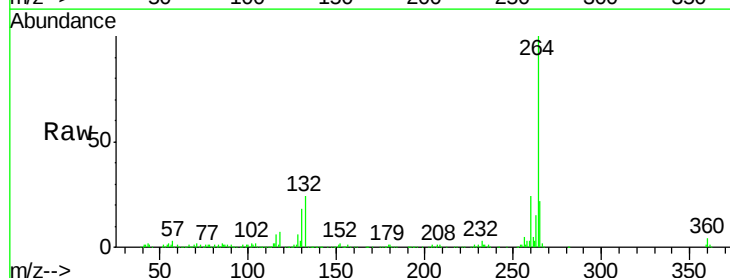
Tgt Ion:264 Resp: 345877

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

265 21.7 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

