

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122017\
 Data File : BF101589.D
 Acq On : 21 Dec 2017 5:12
 Operator : SJ/JU
 Sample : PB105190BL
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Quant Time: Dec 21 07:59:45 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 20 14:25:04 2017
 Response via : Initial Calibration

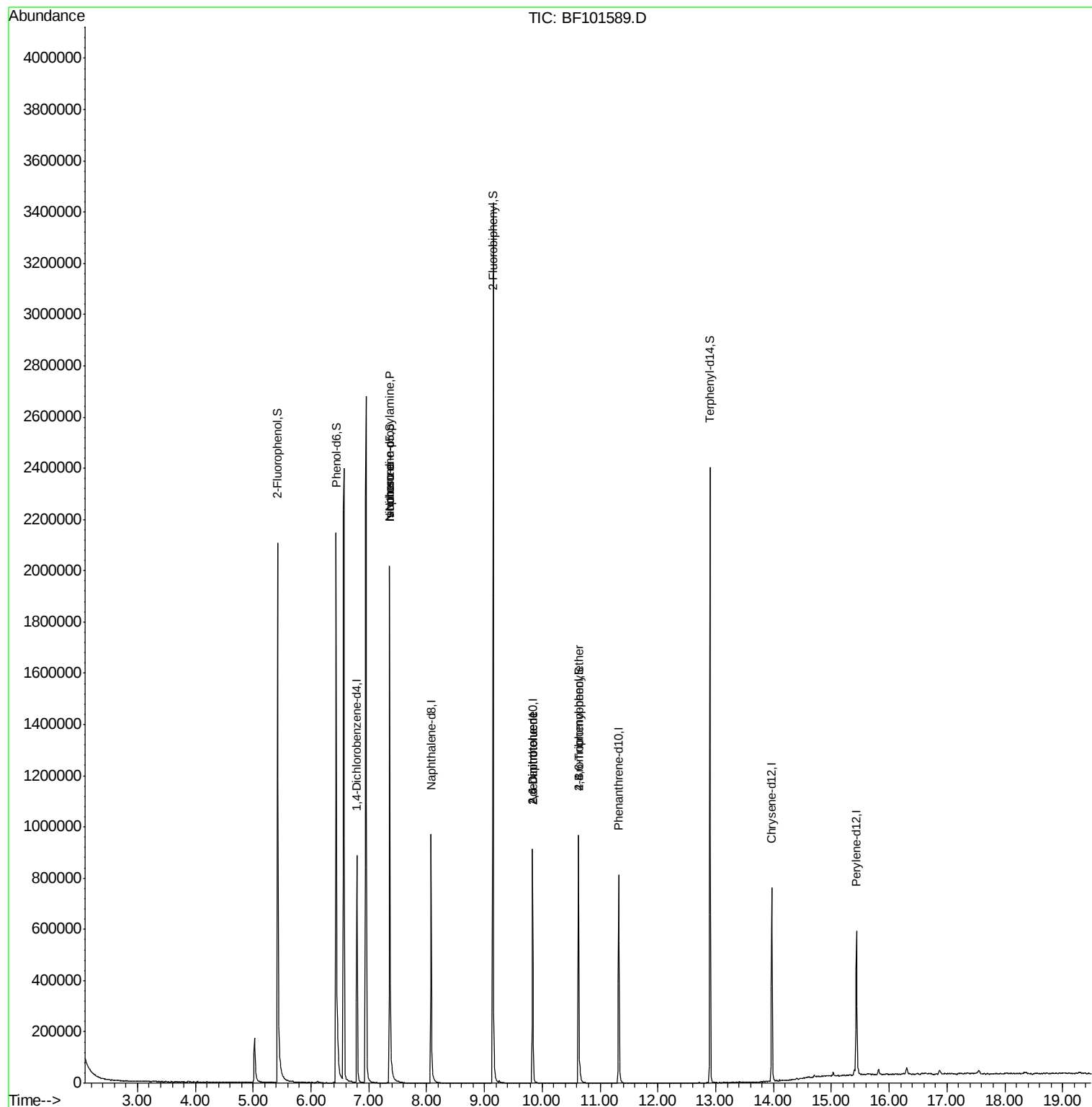
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	135153	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	512070	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	198206	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	312646	20.00	ng	0.00
75) Chrysene-d12	13.97	240	275628	20.00	ng	0.00
86) Perylene-d12	15.43	264	291149	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	718071	79.14	ng	0.01
7) Phenol-d6	6.43	99	858006	75.98	ng	0.00
23) Nitrobenzene-d5	7.36	82	761113	82.74	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	127794	66.91	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1178124	92.20	ng	0.00
78) Terphenyl-d14	12.90	244	793971	69.44	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	100553	13.559	ng	# 82
25) Isophorone	7.36	82	761562	41.269	ng	# 64
50) 2,6-Dinitrotoluene	9.83	165	24359	7.518	ng	# 26
56) 2,4-Dinitrotoluene	9.83	165	24359	6.672	ng	# 24
66) 4-Bromophenyl-phenylether	10.63	248	8207	2.336	ng	# 1

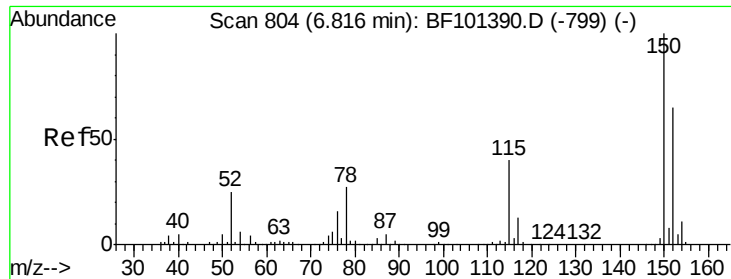
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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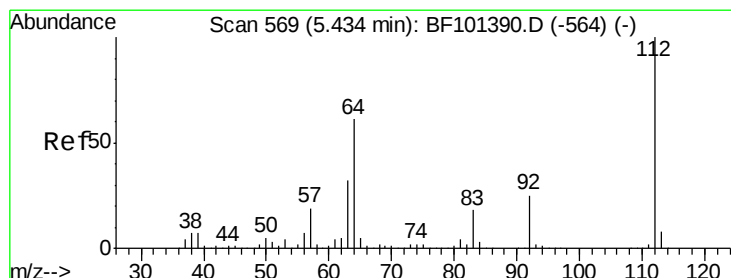
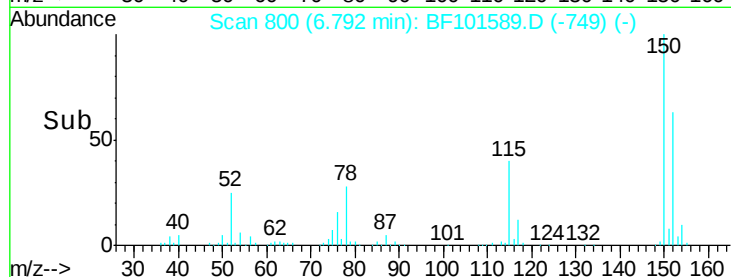
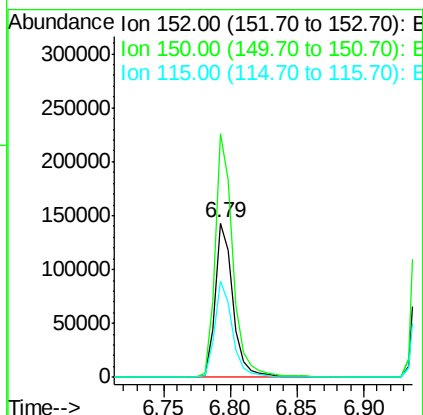
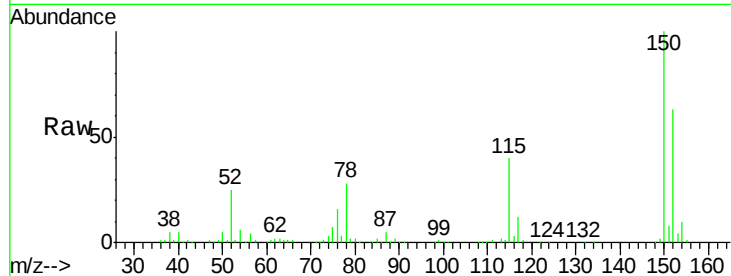




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.00 min
 Lab File: BF101589.D
 Acq: 21 Dec 2017 5:12

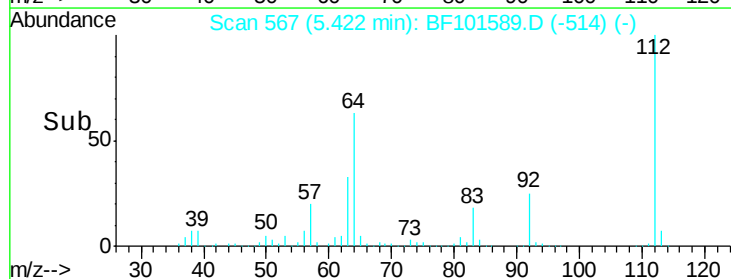
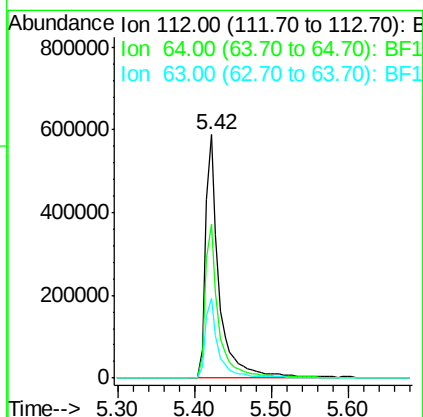
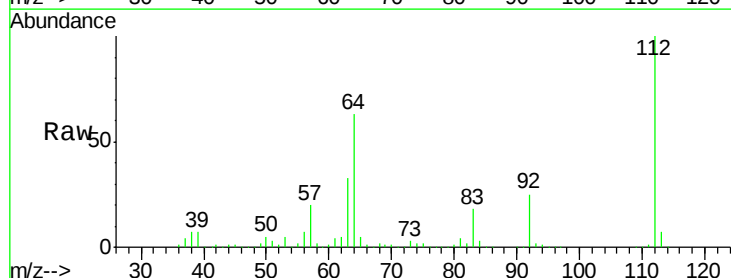
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tot Ion:152 Resp: 135153
 Ion Ratio Lower Upper
 152 100
 150 157.9 124.6 186.8
 115 62.4 50.1 75.1



#5
 2-Fluorophenol
 Concen: 79.142 ng
 RT: 5.42 min Scan# 567
 Delta R.T. 0.01 min
 Lab File: BF101589.D
 Acq: 21 Dec 2017 5:12

Tgt Ion:112 Resp: 718071
 Ion Ratio Lower Upper
 112 100
 64 63.2 47.9 71.9
 63 33.0 23.7 35.5





#7

Phenol-d6

Concen: 75.984 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF101589.D

Acq: 21 Dec 2017 5:12

Instrument :

BNA_F

ClientSampleId :

DFTPP

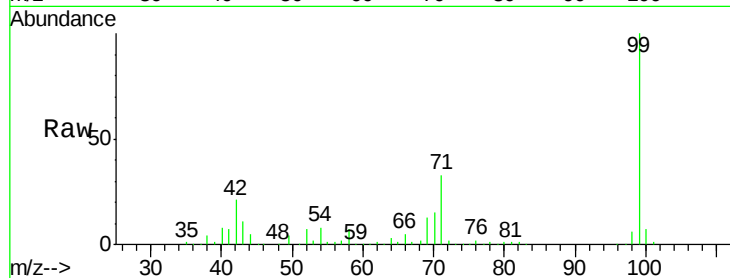
Tot Ion: 99 Resp: 858006

Ion Ratio Lower Upper

99 100

42 21.0 14.5 21.7

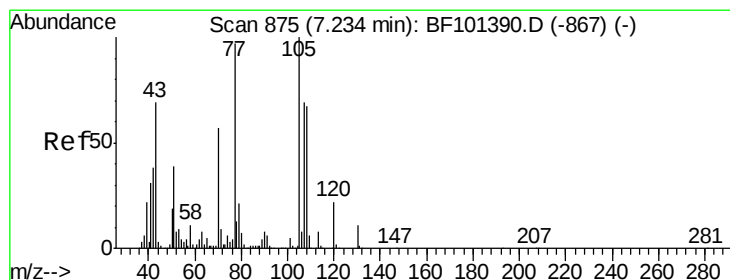
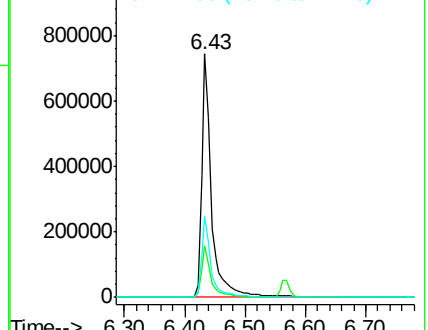
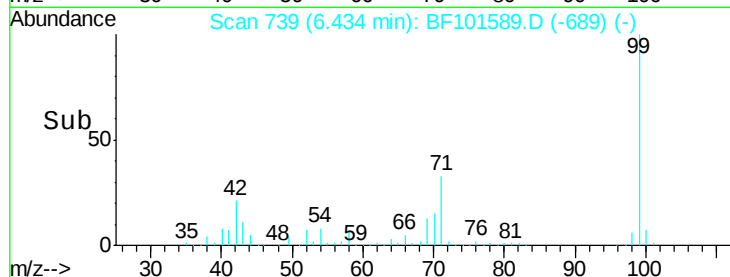
71 33.3 25.4 38.0



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: 13.559 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.15 min

Lab File: BF101589.D

Acq: 21 Dec 2017 5:12

Tgt Ion: 70 Resp: 100553

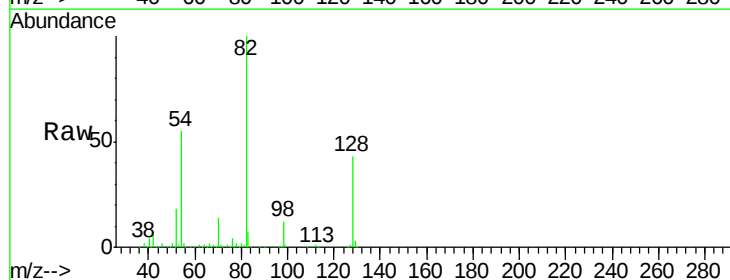
Ion Ratio Lower Upper

70 100

42 53.0 47.5 71.3

101 0.0 7.4 11.2#

130 1.9 16.6 25.0#

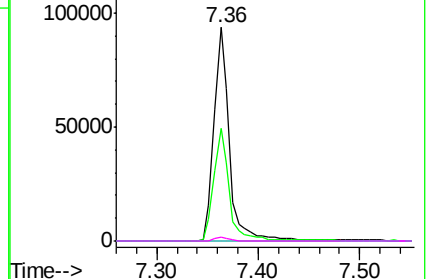
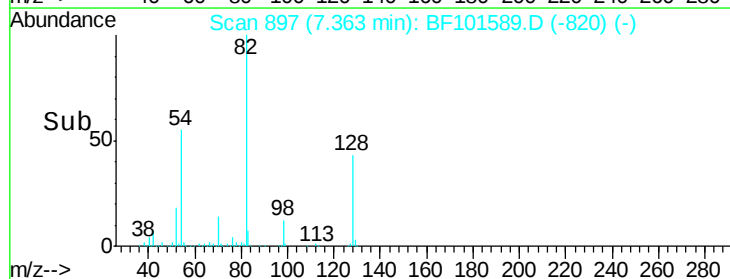


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

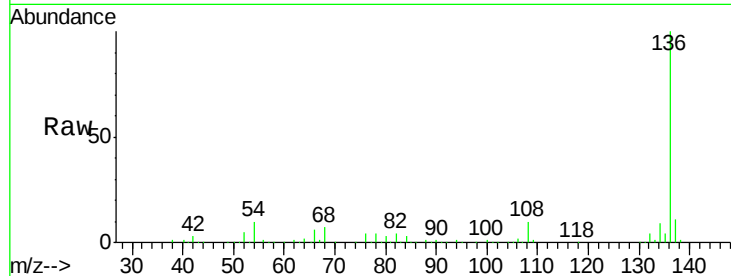




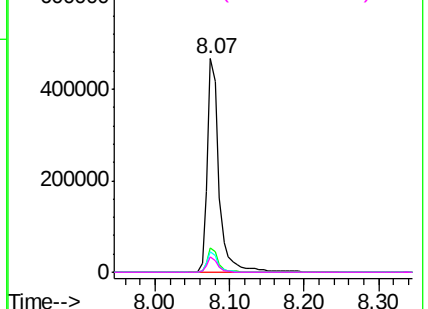
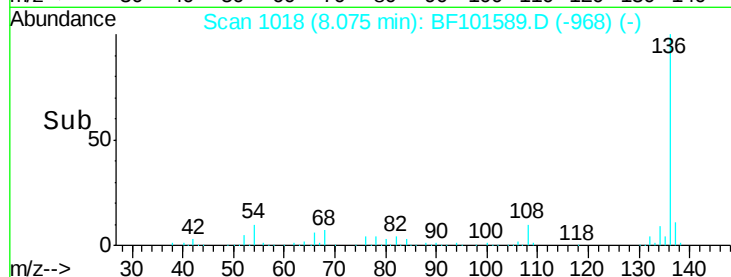
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF101589.D
Acq: 21 Dec 2017 5:12

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tot Ion:136	Resp:	512070
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.9 13.3
54	9.9	6.6 9.8#
68	7.1	5.0 7.4

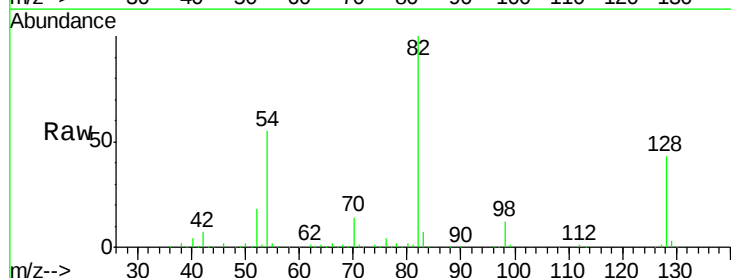


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

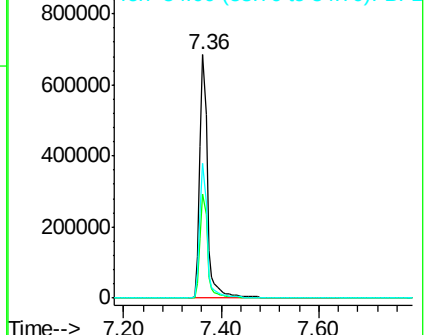
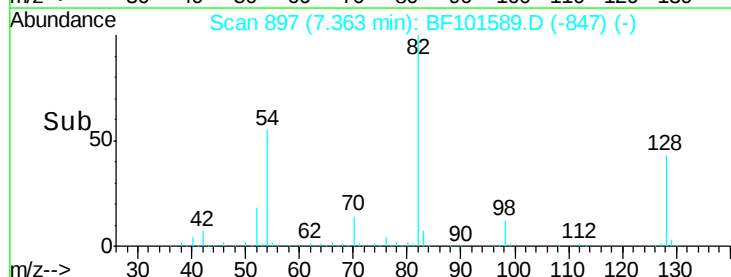


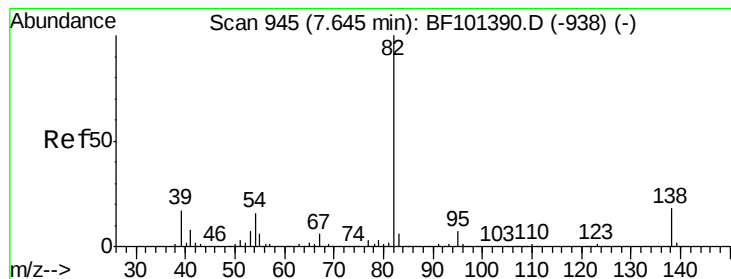
#23
Nitrobenzene-d5
Concen: 82.739 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF101589.D
Acq: 21 Dec 2017 5:12

Tgt Ion: 82	Resp:	761113
Ion Ratio	Lower	Upper
82	100	
128	42.7	36.1 54.1
54	55.2	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: 41.269 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.26 min

Lab File: BF101589.D

Acq: 21 Dec 2017 5:12

Instrument :

BNA_F

ClientSampleId :

DFTPP

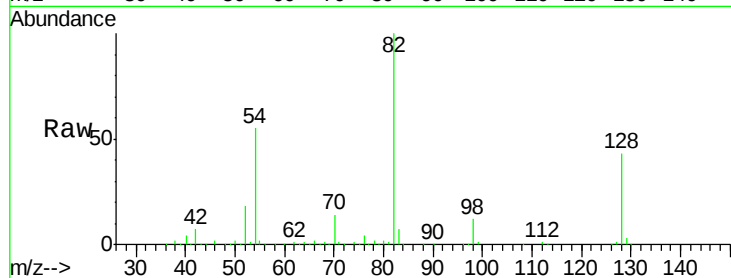
Tot Ion: 82 Resp: 761562

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

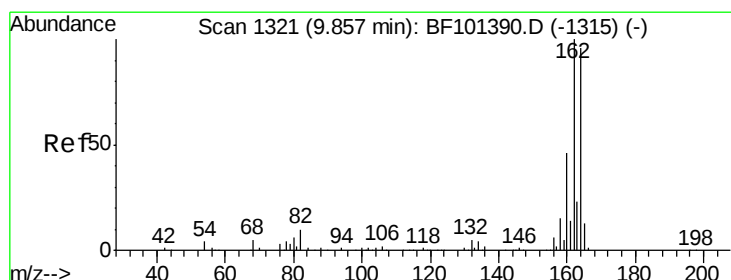
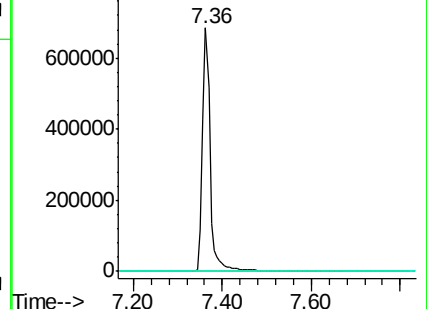
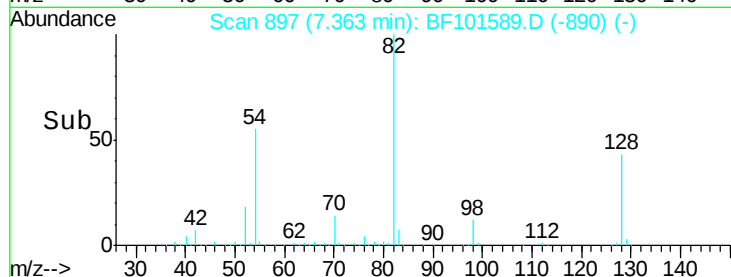
138 0.0 14.9 22.3#



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: 9.83 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BF101589.D

Acq: 21 Dec 2017 5:12

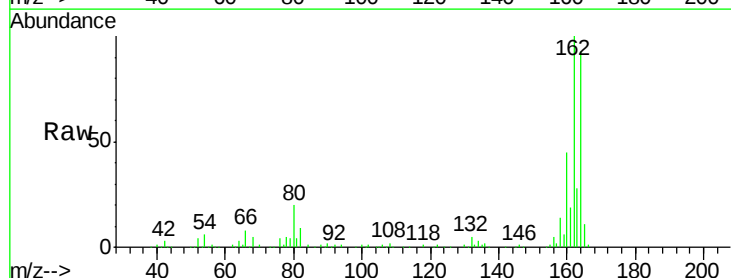
Tgt Ion: 164 Resp: 198206

Ion Ratio Lower Upper

164 100

162 107.1 86.1 129.1

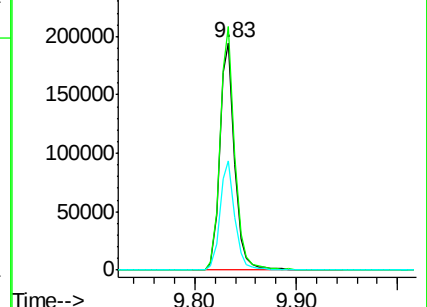
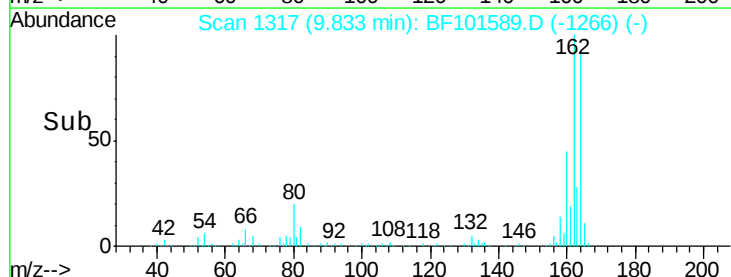
160 48.1 38.3 57.5

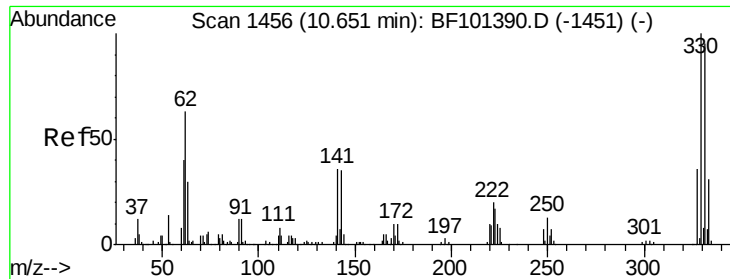


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

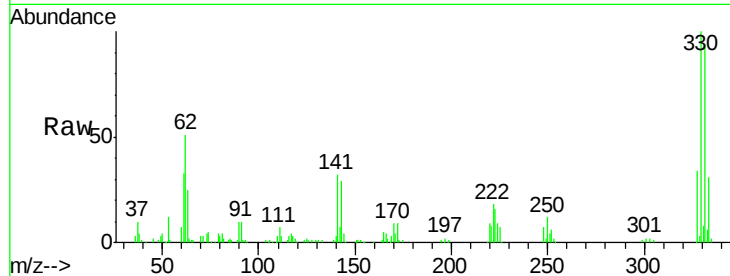




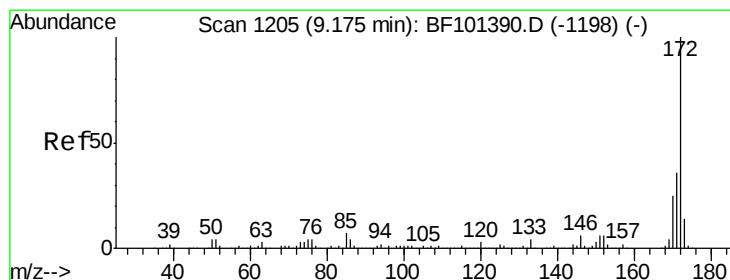
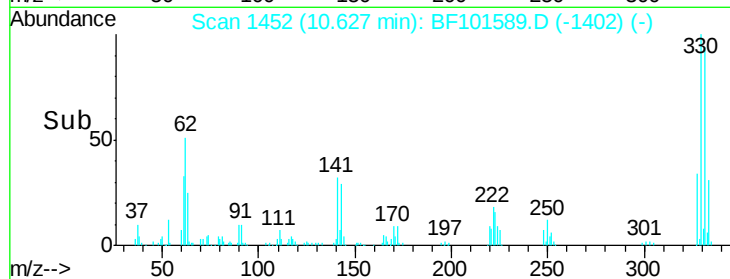
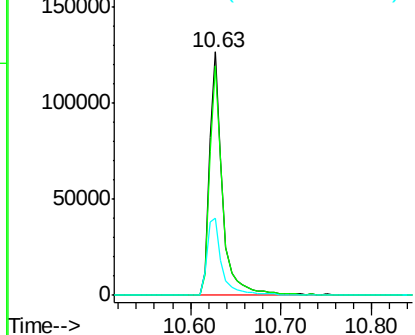
#41
 2,4,6-Tribromophenol
 Concen: 66.912 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF101589.D
 Acq: 21 Dec 2017 5:12

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	36.4	29.9	44.9

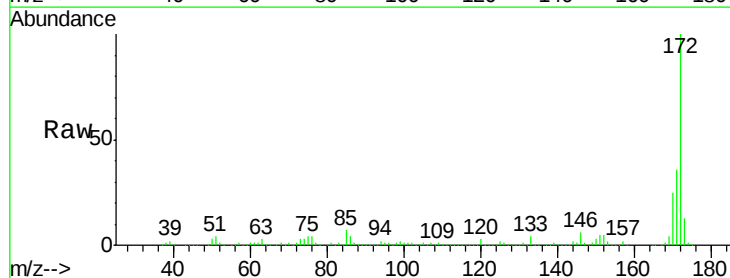


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

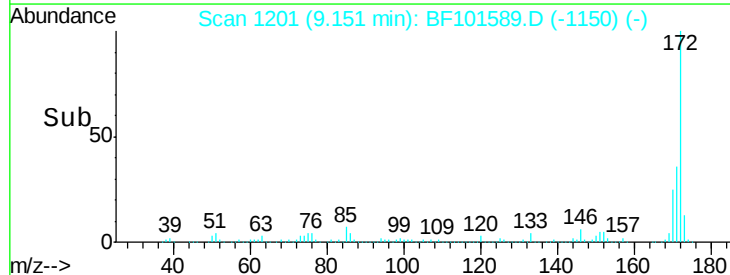
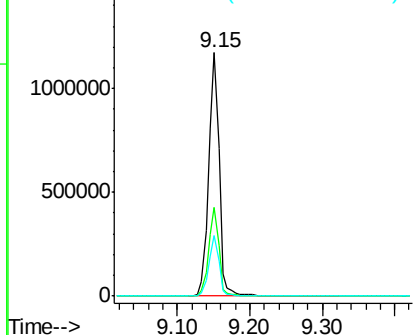


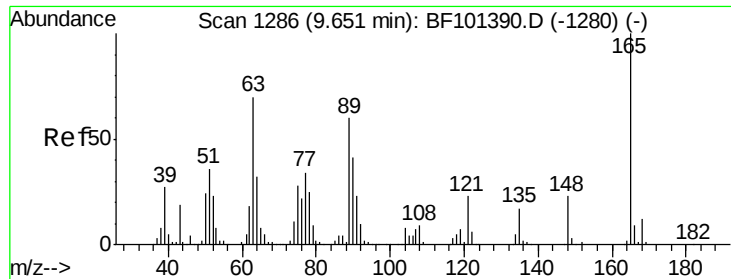
#44
 2-Fluorobiphenyl
 Concen: 92.205 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF101589.D
 Acq: 21 Dec 2017 5:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.7	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

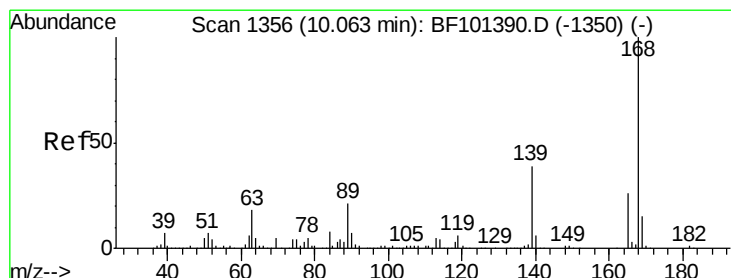
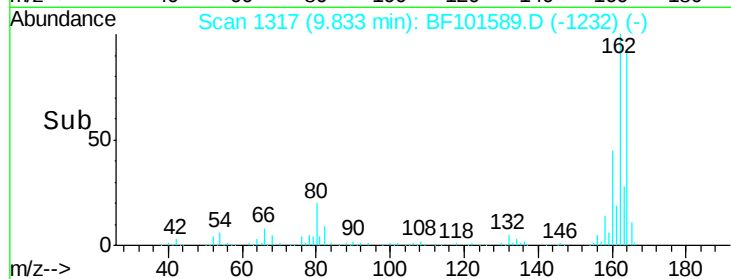
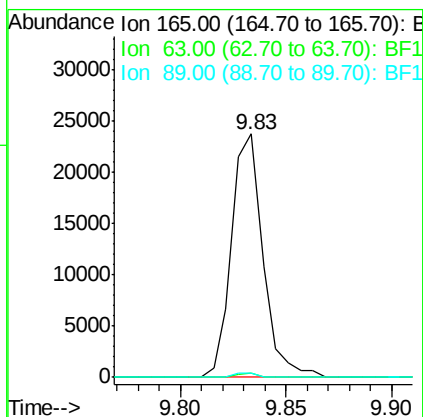
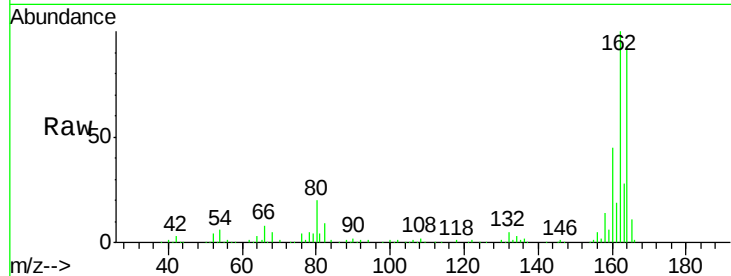




#50
2,6-Dinitrotoluene
Concen: 7.518 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.20 min
Lab File: BF101589.D
Acq: 21 Dec 2017 5:12

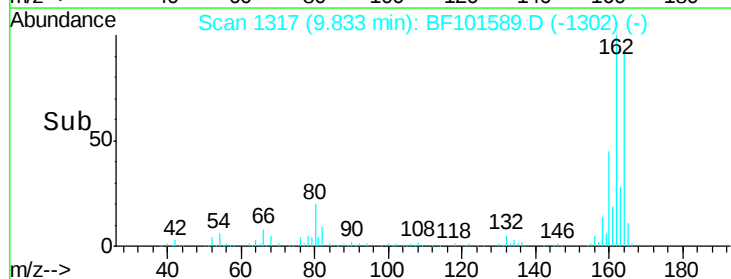
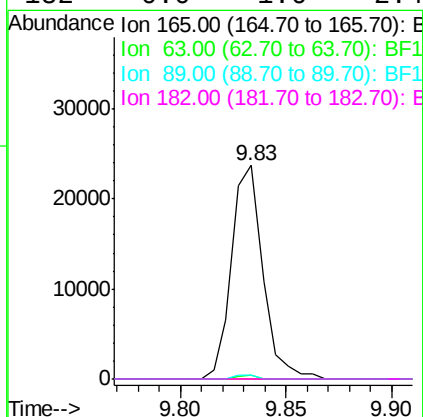
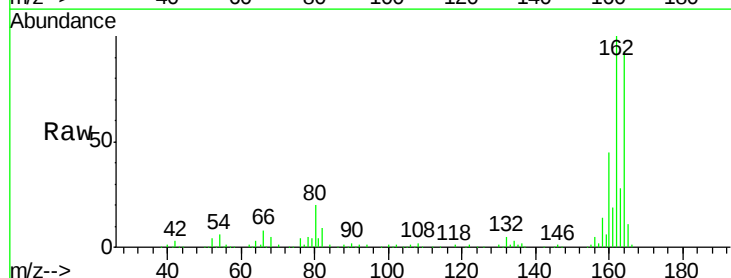
Instrument :
BNA_F
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DFTPP

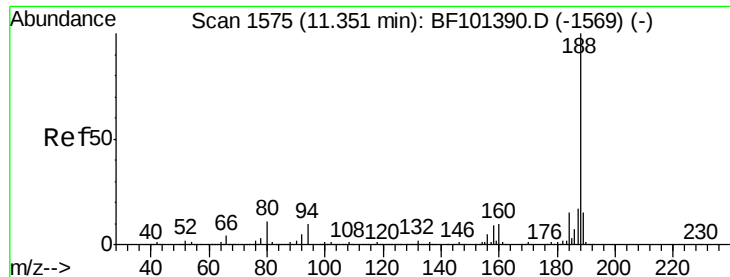
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.9	44.7	67.1#
89	1.9	44.0	66.0#



#56
2,4-Dinitrotoluene
Concen: 6.672 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.21 min
Lab File: BF101589.D
Acq: 21 Dec 2017 5:12

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	36.4	54.6#
89	1.9	57.8	86.6#
182	0.0	1.6	2.4#

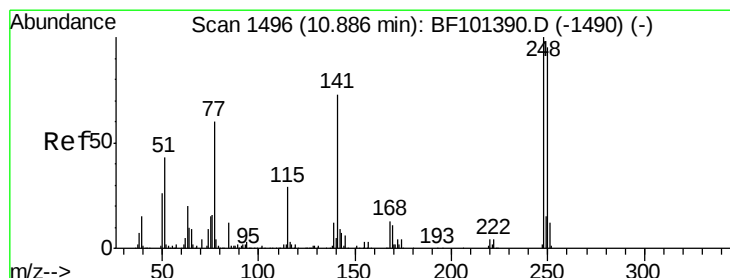
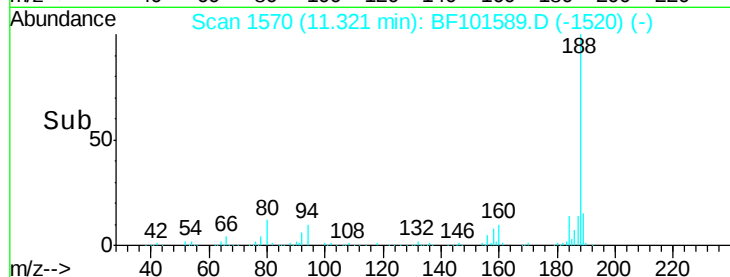
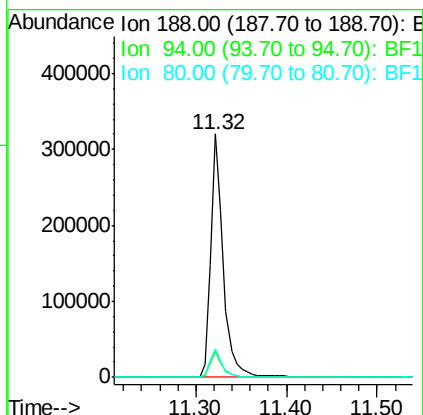
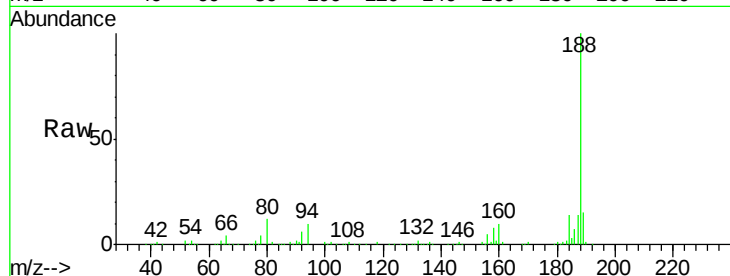




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF101589.D
Acq: 21 Dec 2017 5:12

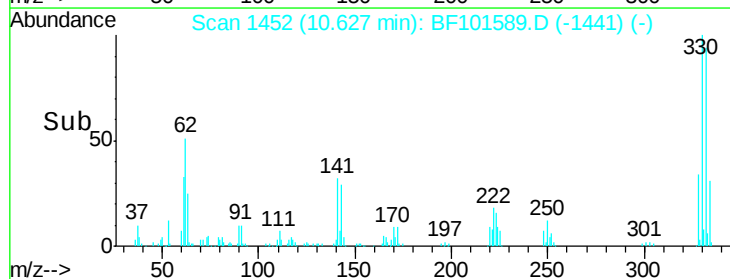
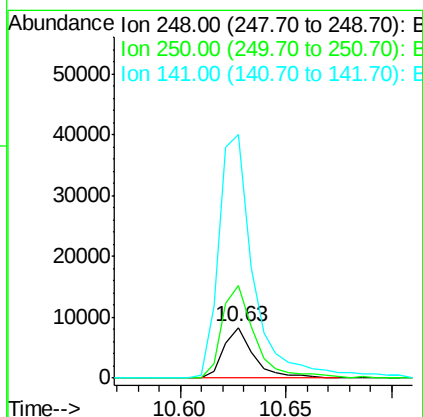
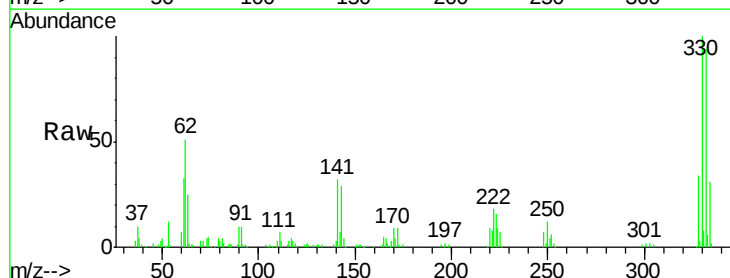
Instrument :
BNA_F
ClientSampleId :
DFTPP

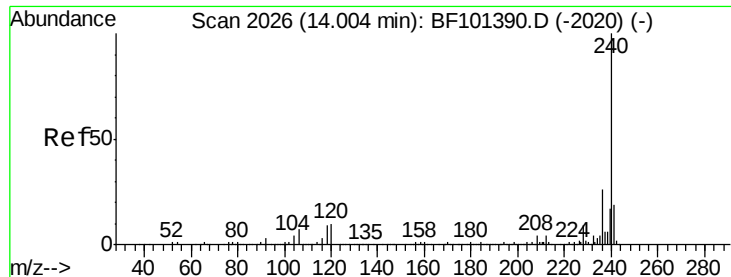
Tot Ion:188 Resp: 312646
Ion Ratio Lower Upper
188 100
94 10.5 8.5 12.7
80 11.6 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 2.336 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.24 min
Lab File: BF101589.D
Acq: 21 Dec 2017 5:12

Tgt Ion:248 Resp: 8207
Ion Ratio Lower Upper
248 100
250 182.8 76.9 115.3#
141 479.9 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF101589.D

Acq: 21 Dec 2017 5:12

Instrument :

BNA_F

ClientSampleId :

DFTPP

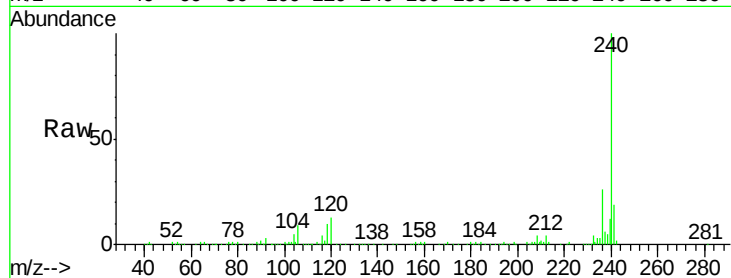
Tot Ion:240 Resp: 275628

Ion Ratio Lower Upper

240 100

120 13.0 9.5 14.3

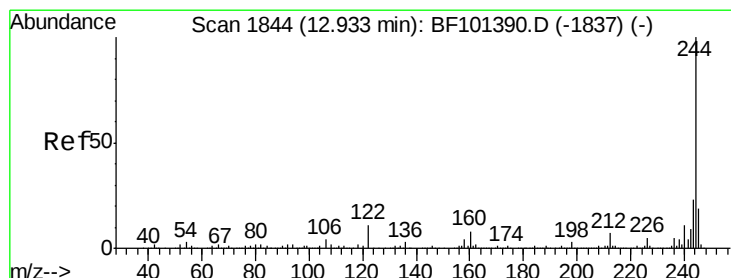
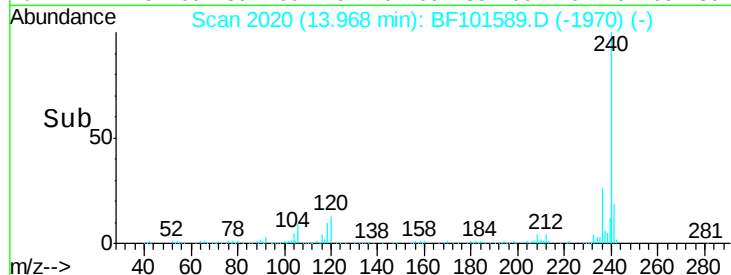
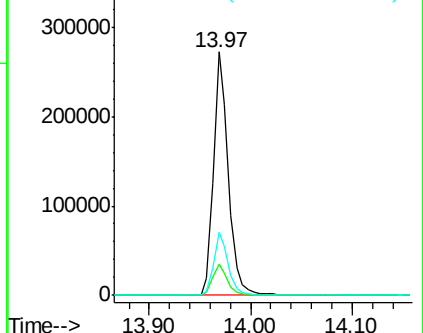
236 26.0 20.7 31.1



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: 69.444 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF101589.D

Acq: 21 Dec 2017 5:12

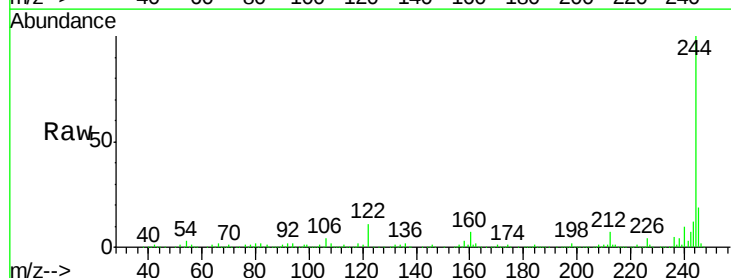
Tgt Ion:244 Resp: 793971

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

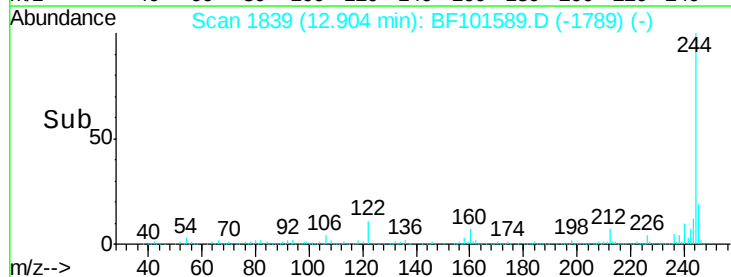
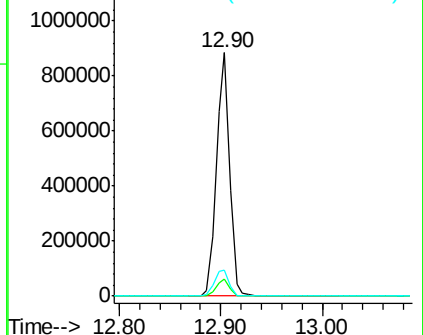
122 10.9 11.0 16.4#

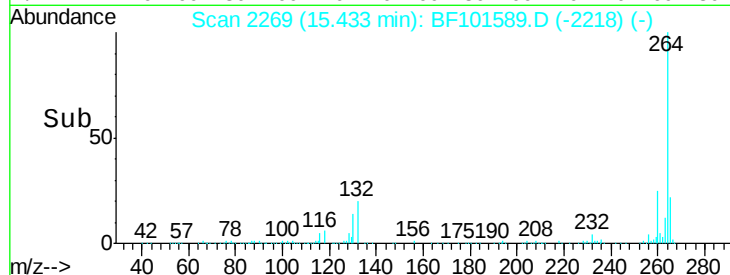
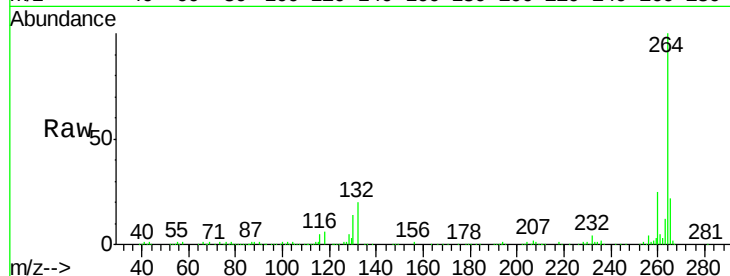
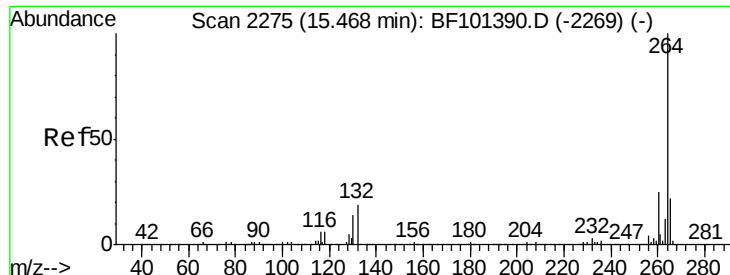


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.43 min Scan# 2269
 Delta R.T. -0.00 min
 Lab File: BF101589.D
 Acq: 21 Dec 2017 5:12

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	22.4	17.5	26.3

