

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122217\
 Data File : BF101679.D
 Acq On : 23 Dec 2017 4:07
 Operator : SJ/JU
 Sample : PB105250TB
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB105250TB

Quant Time: Dec 23 04:56:54 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 16:07:58 2017
 Response via : Initial Calibration

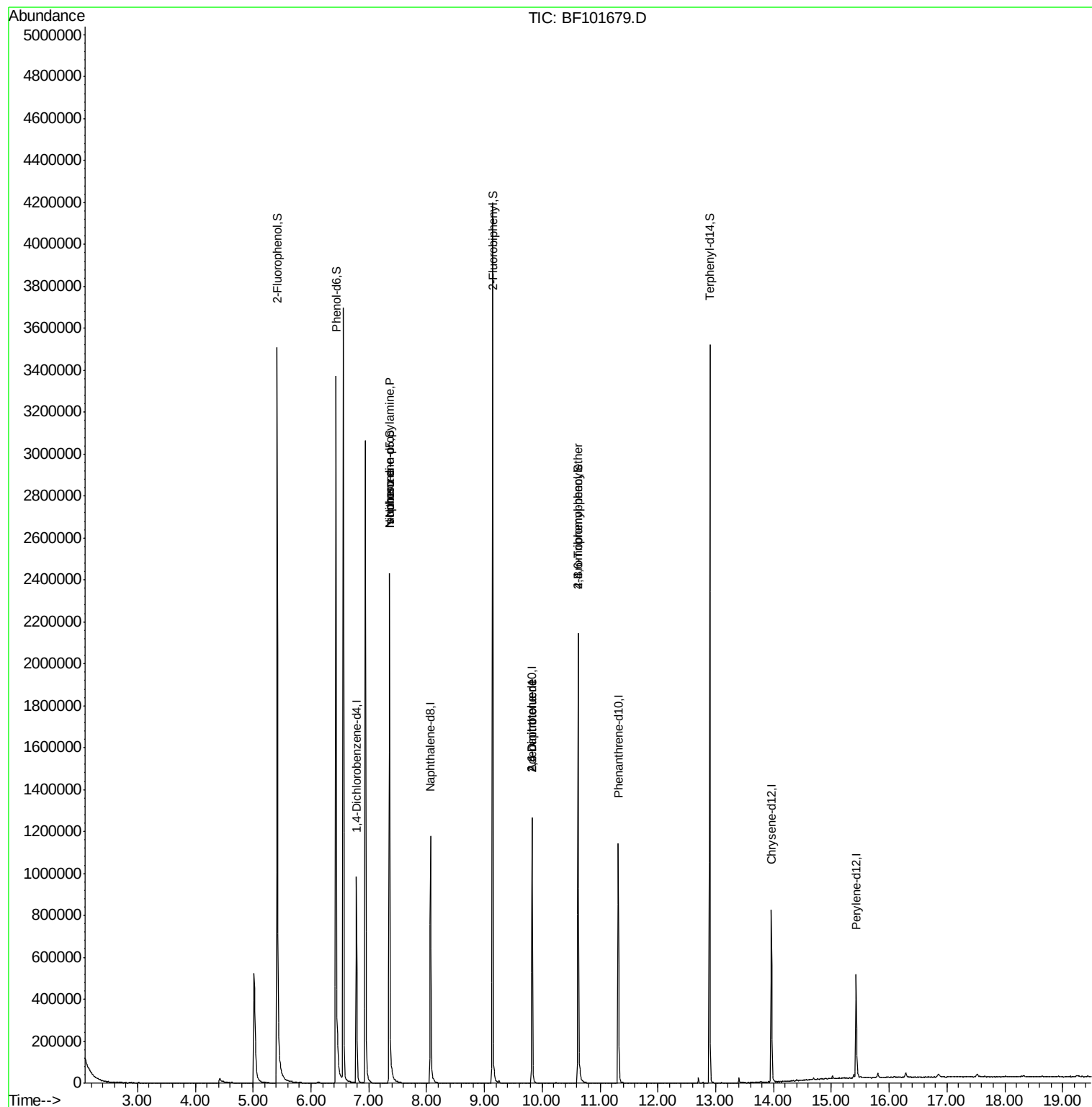
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	146959	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	580946	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	244009	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	441868	20.00	ng	0.00
75) Chrysene-d12	13.96	240	293125	20.00	ng	0.00
86) Perylene-d12	15.43	264	259915	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1223552	124.02	ng	0.01
7) Phenol-d6	6.43	99	1461731	119.05	ng	0.00
23) Nitrobenzene-d5	7.36	82	929252	89.04	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	303675	129.16	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1474126	93.71	ng	0.00
78) Terphenyl-d14	12.90	244	1277342	105.05	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	124348	15.421	ng	# 82
25) Isophorone	7.36	82	929244	44.385	ng	# 64
50) 2,6-Dinitrotoluene	9.82	165	31444	7.883	ng	# 26
56) 2,4-Dinitrotoluene	9.82	165	31444	6.996	ng	# 23
66) 4-Bromophenyl-phenylether	10.62	248	19553	3.938	ng	# 1

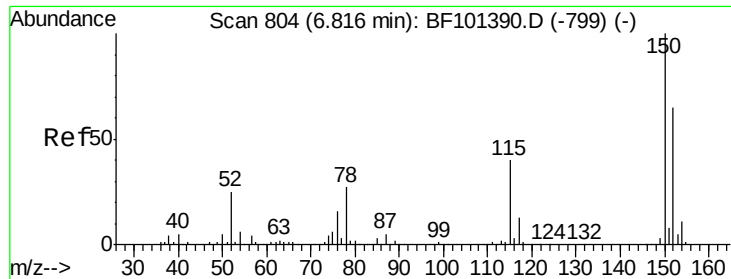
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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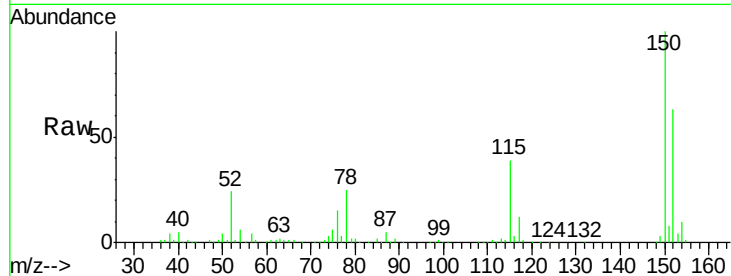


#1

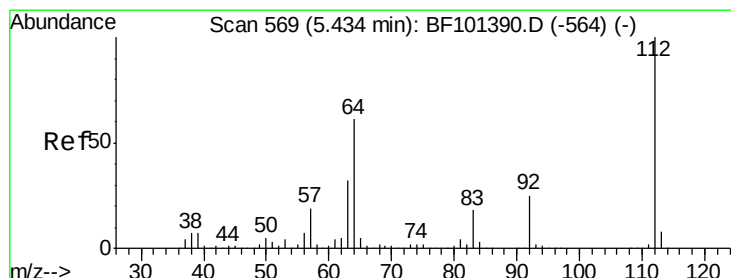
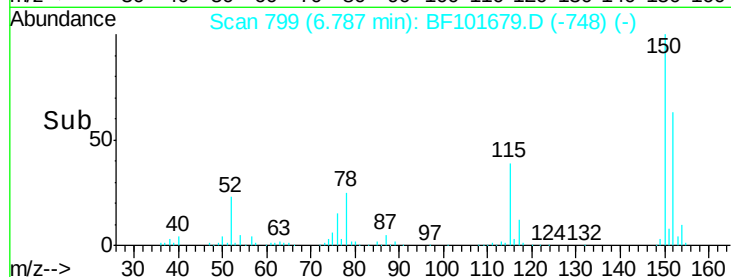
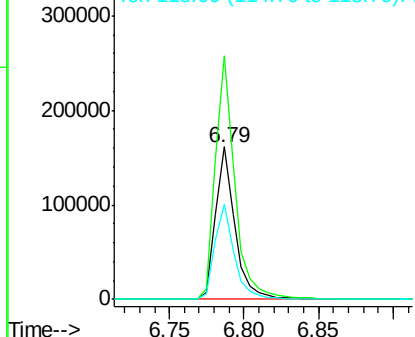
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF101679.D
Acq: 23 Dec 2017 4:07

Instrument :
BNA_F
ClientSampleId :
PB105250TB

Tot Ion:152 Resp: 146959
Ion Ratio Lower Upper
152 100
150 159.9 124.6 186.8
115 62.1 50.1 75.1



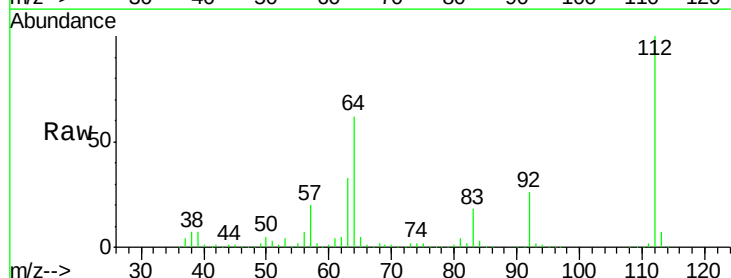
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



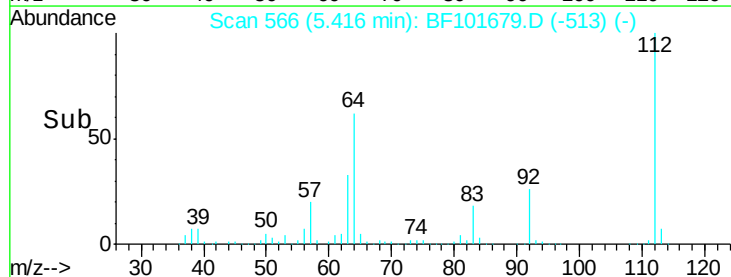
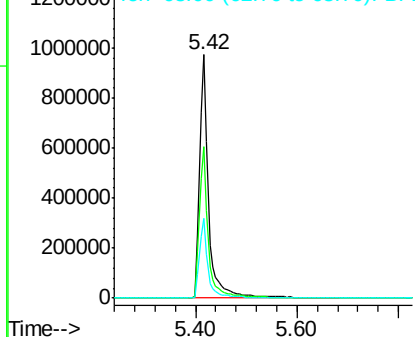
#5

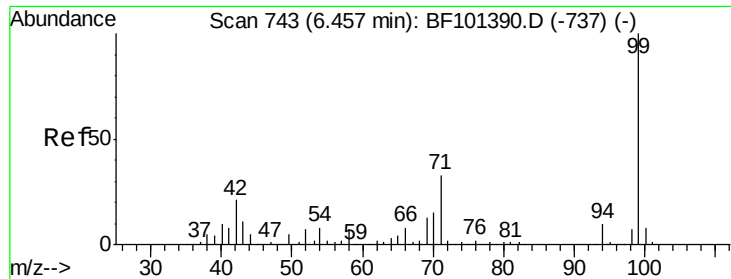
2-Fluorophenol
Concen: 124.019 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF101679.D
Acq: 23 Dec 2017 4:07

Tgt Ion:112 Resp: 1223552
Ion Ratio Lower Upper
112 100
64 62.5 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: 119.049 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF101679.D

Acq: 23 Dec 2017 4:07

Instrument :

BNA_F

ClientSampleId :

PB105250TB

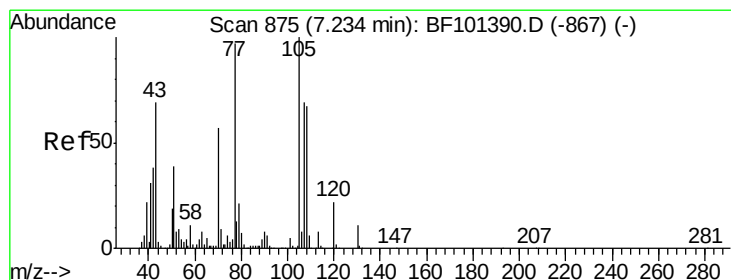
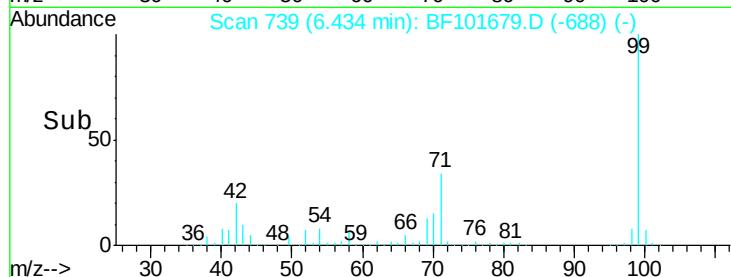
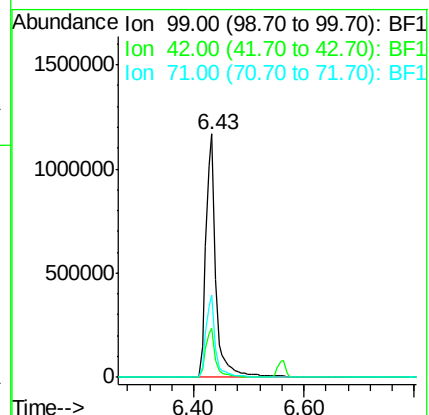
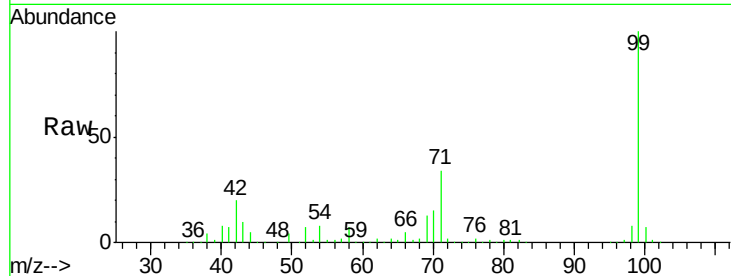
Tot Ion: 99 Resp: 1461731

Ion Ratio Lower Upper

99 100

42 20.3 14.5 21.7

71 34.1 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 15.421 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.15 min

Lab File: BF101679.D

Acq: 23 Dec 2017 4:07

Tgt Ion: 70 Resp: 124348

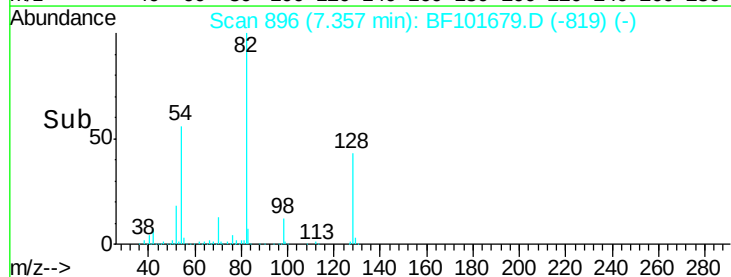
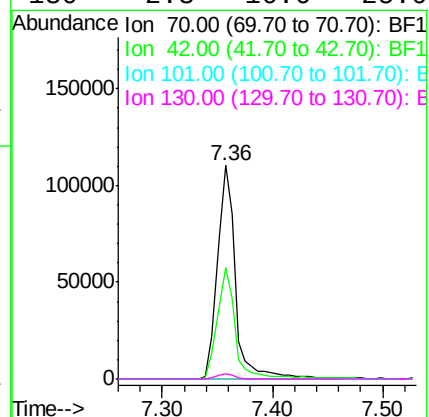
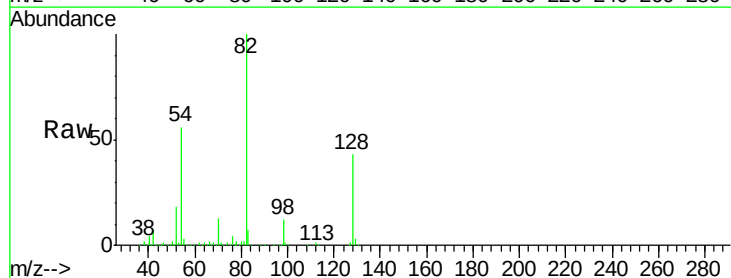
Ion Ratio Lower Upper

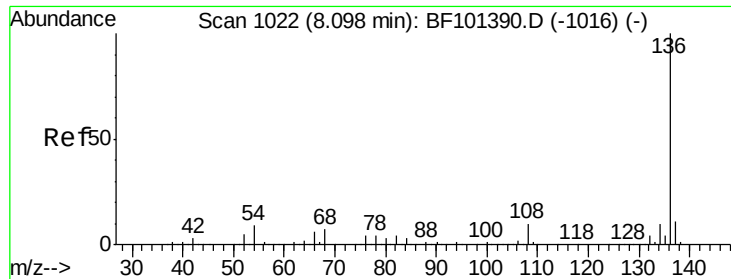
70 100

42 52.4 47.5 71.3

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

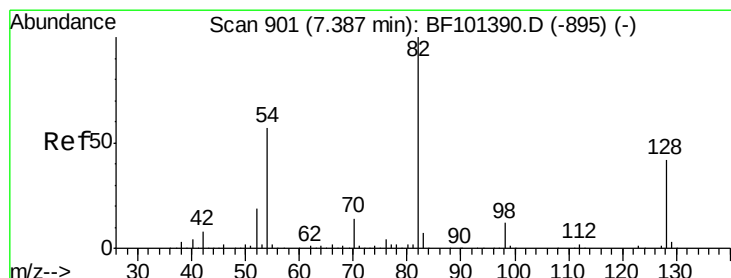
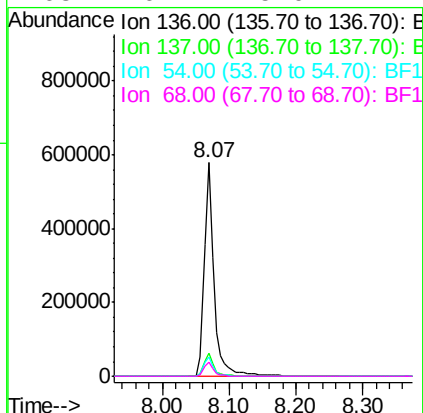
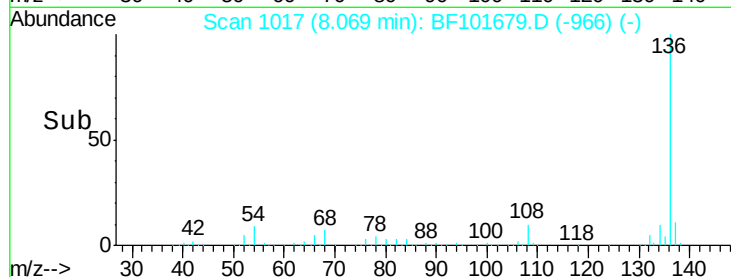
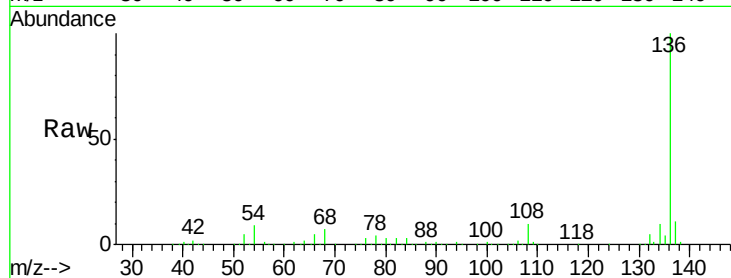




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF101679.D
Acq: 23 Dec 2017 4:07

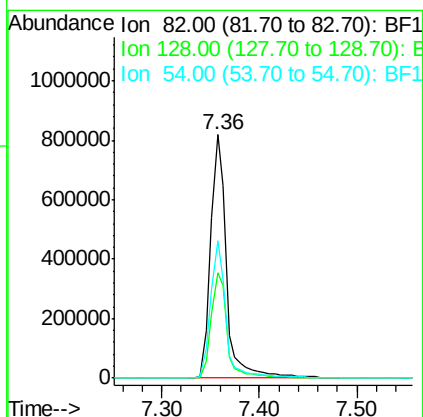
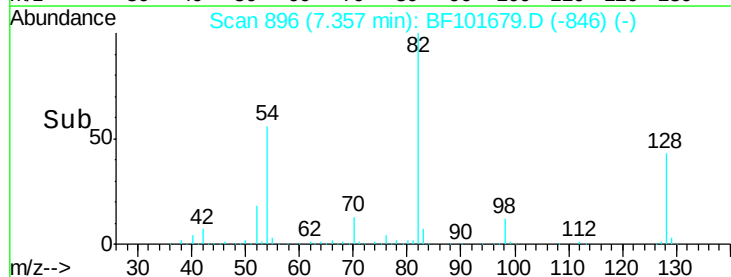
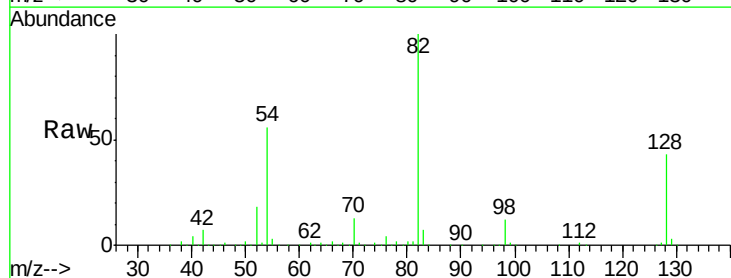
Instrument :
BNA_F
ClientSampleId :
PB105250TB

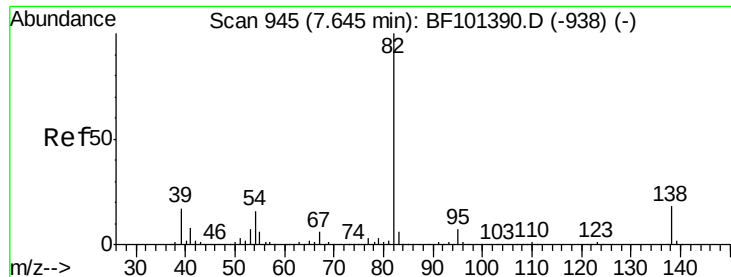
Tot Ion:136	Resp:	580946
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.9 13.3
54	9.0	6.6 9.8
68	6.7	5.0 7.4



#23
Nitrobenzene-d5
Concen: 89.040 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF101679.D
Acq: 23 Dec 2017 4:07

Tgt Ion: 82	Resp:	929252
Ion Ratio	Lower	Upper
82	100	
128	43.5	36.1 54.1
54	56.2	41.4 62.2





#25

Isophorone

Concen: 44.385 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.26 min

Lab File: BF101679.D

Acq: 23 Dec 2017 4:07

Instrument :

BNA_F

ClientSampled :

PB105250TB

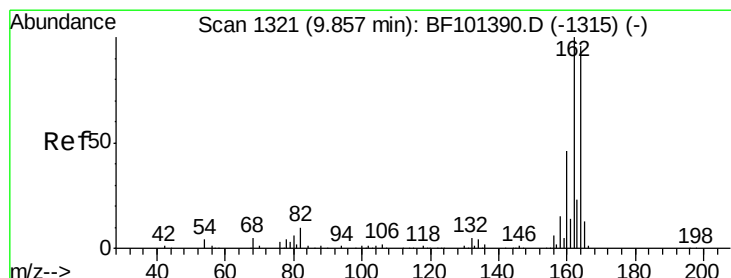
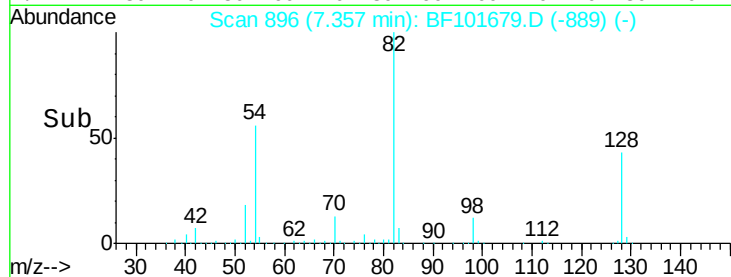
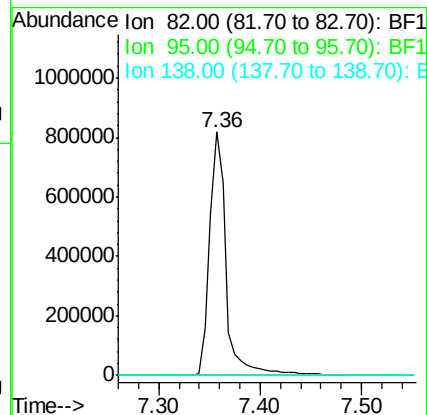
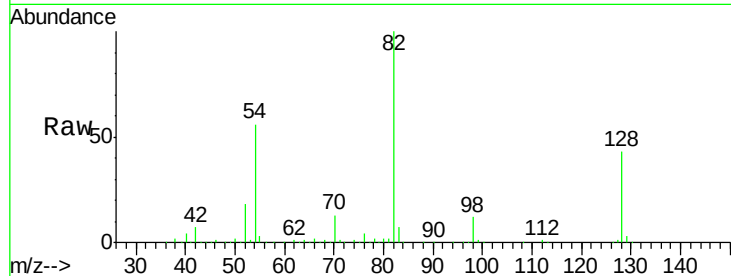
Tot Ion: 82 Resp: 929244

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF101679.D

Acq: 23 Dec 2017 4:07

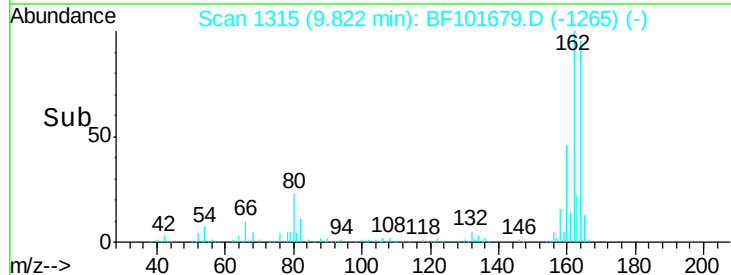
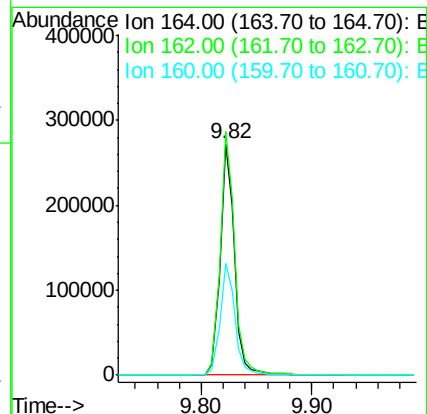
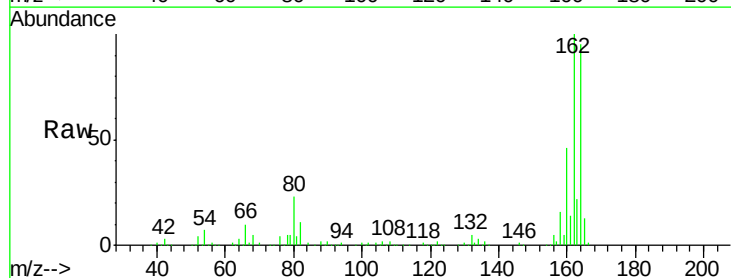
Tgt Ion: 164 Resp: 244009

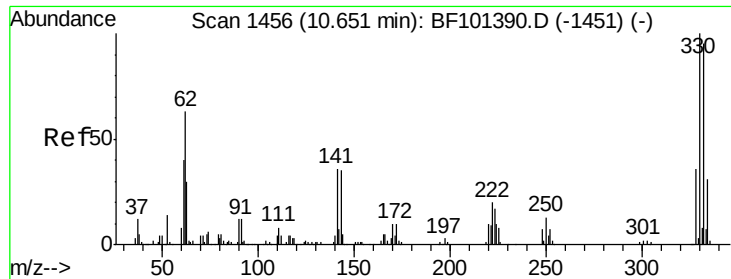
Ion Ratio Lower Upper

164 100

162 105.4 86.1 129.1

160 48.3 38.3 57.5

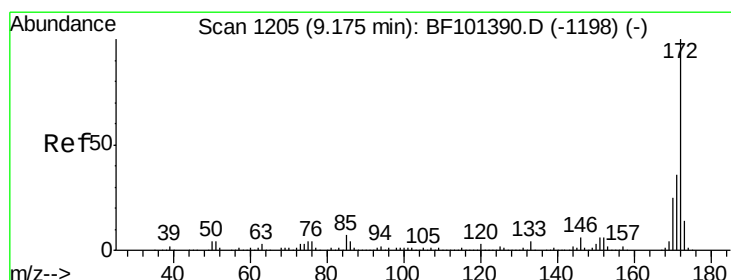
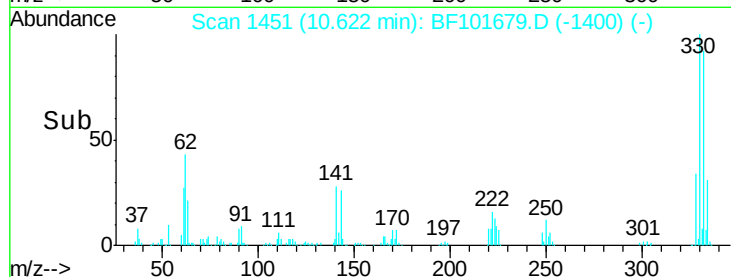
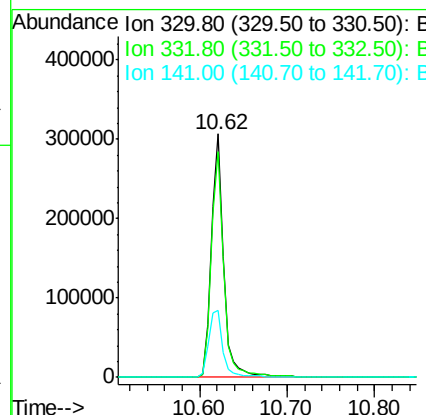
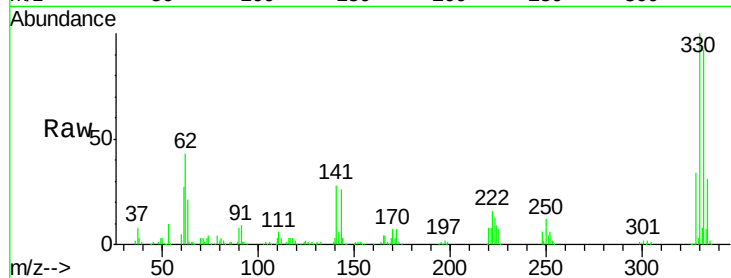




#41
 2,4,6-Tribromophenol
 Concen: 129.156 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. 0.00 min
 Lab File: BF101679.D
 Acq: 23 Dec 2017 4:07

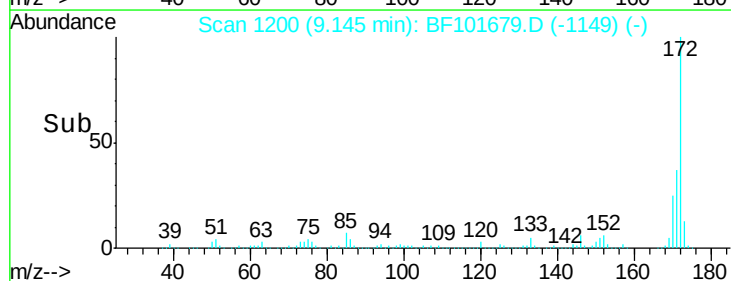
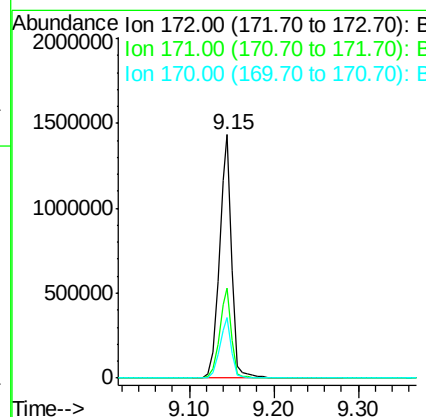
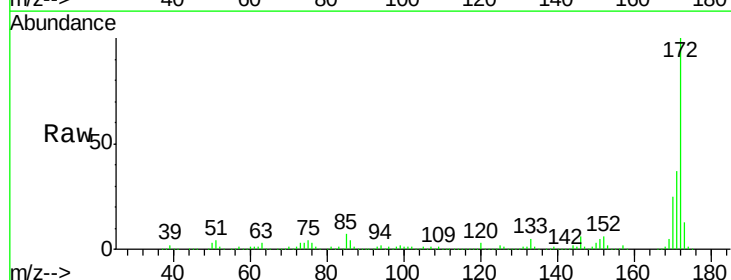
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 BNA_F
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 PB105250TB

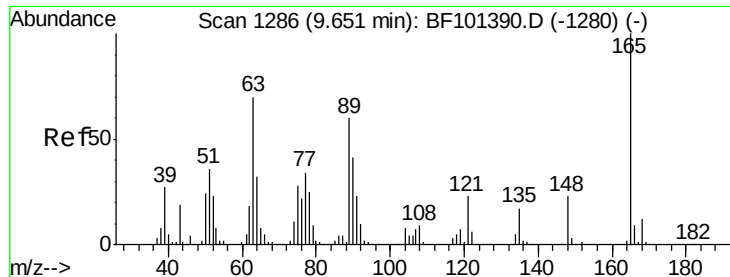
Tot Ion:330 Resp: 303675
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.0 115.6
 141 32.0 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 93.715 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF101679.D
 Acq: 23 Dec 2017 4:07

Tgt Ion:172 Resp: 1474126
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.7 44.5
 170 24.9 19.6 29.4

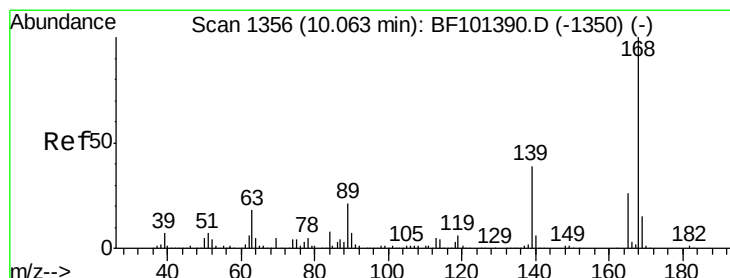
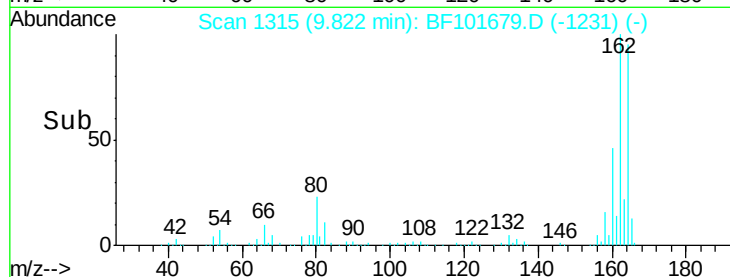
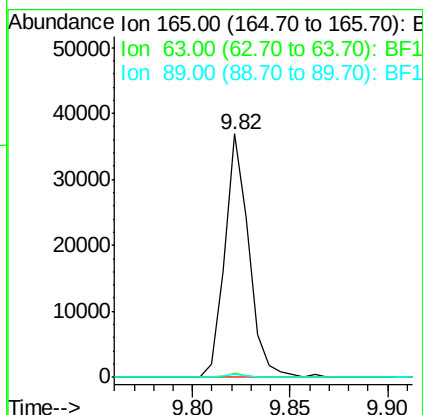
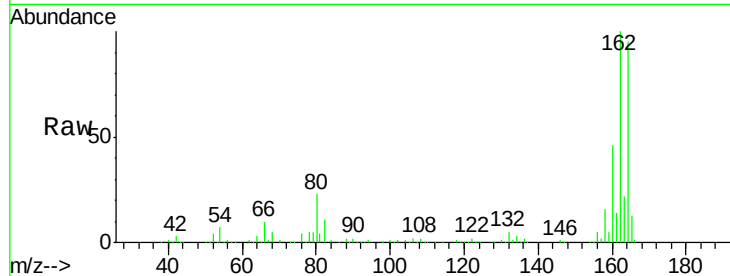




#50
 2,6-Dinitrotoluene
 Concen: 7.883 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. 0.19 min
 Lab File: BF101679.D
 Acq: 23 Dec 2017 4:07

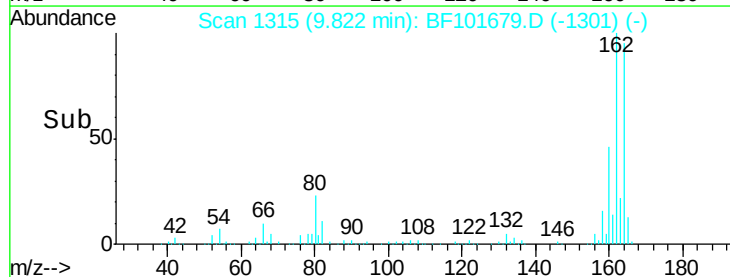
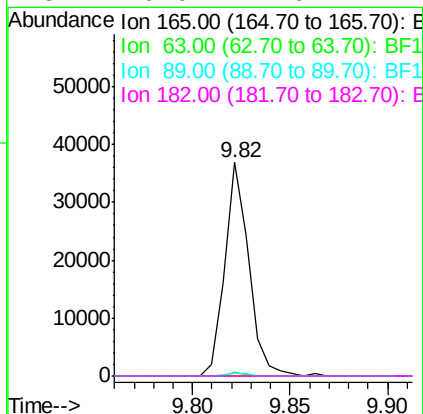
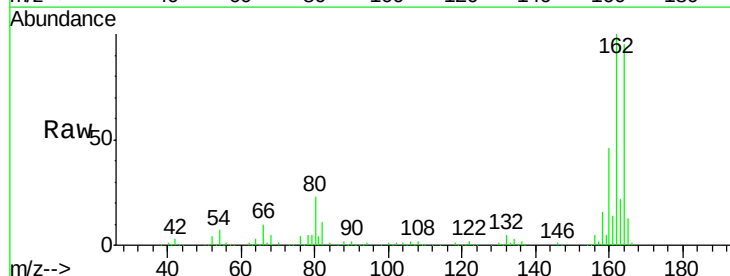
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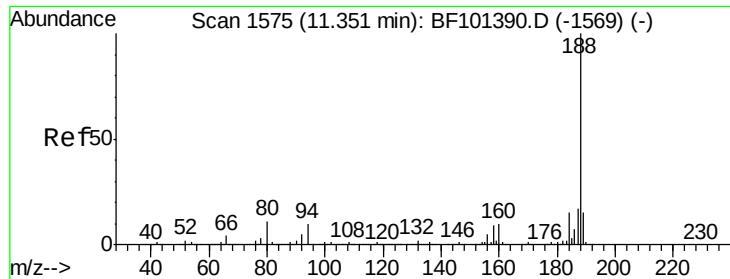
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.8	44.7	67.1#
89	1.1	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.996 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.22 min
 Lab File: BF101679.D
 Acq: 23 Dec 2017 4:07

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	36.4	54.6#
89	1.1	57.8	86.6#
182	0.0	1.6	2.4#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1569

Delta R.T. 0.00 min

Lab File: BF101679.D

Acq: 23 Dec 2017 4:07

Instrument :

BNA_F

ClientSampleId :

PB105250TB

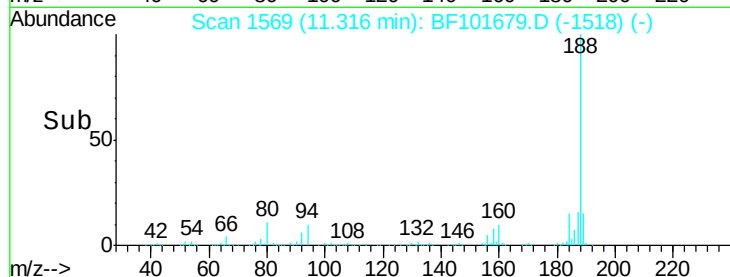
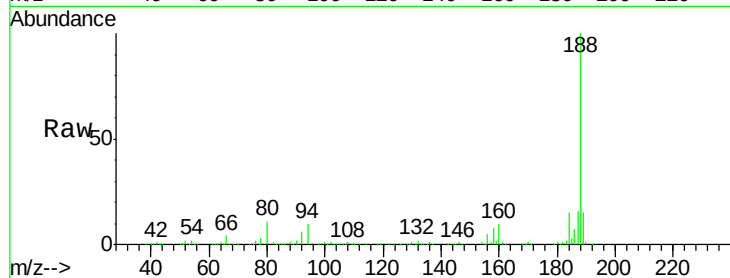
Tot Ion:188 Resp: 441868

Ion Ratio Lower Upper

188 100

94 10.0 8.5 12.7

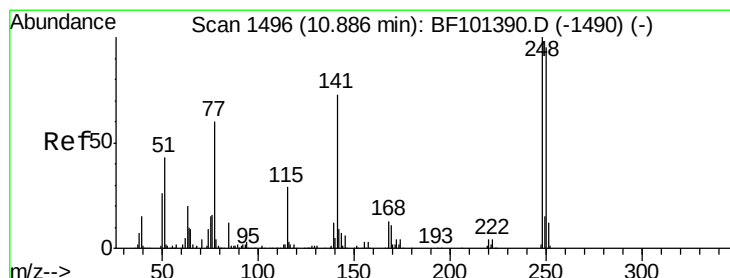
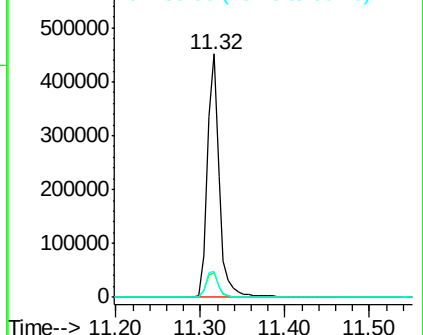
80 10.7 9.2 13.8



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



#66

4-Bromophenyl-phenylether

Concen: 3.938 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.24 min

Lab File: BF101679.D

Acq: 23 Dec 2017 4:07

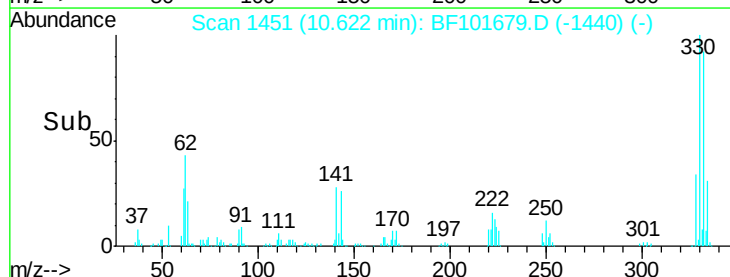
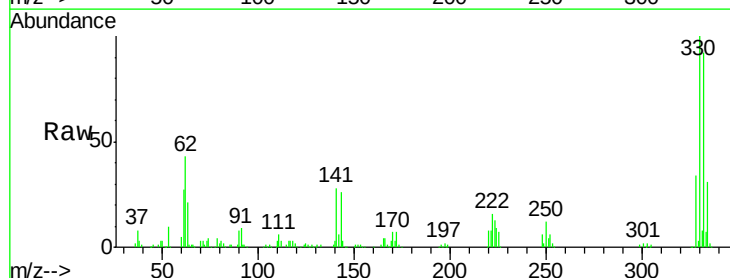
Tgt Ion:248 Resp: 19553

Ion Ratio Lower Upper

248 100

250 192.7 76.9 115.3#

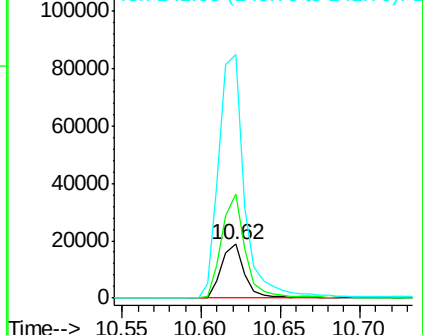
141 450.1 74.4 111.6#

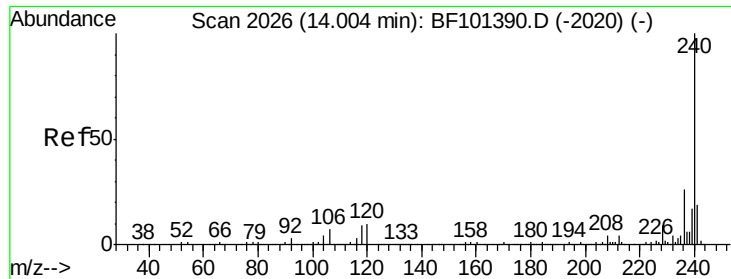


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF101679.D

Acq: 23 Dec 2017 4:07

Instrument :

BNA_F

ClientSampleId :

PB105250TB

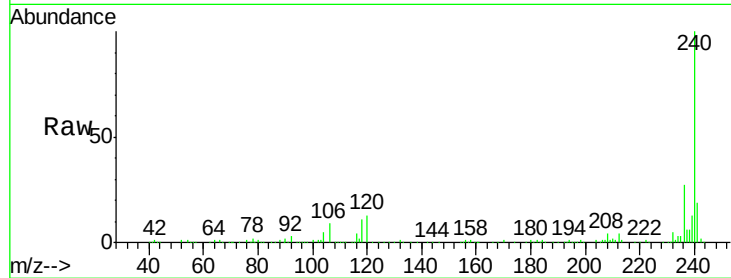
Tot Ion:240 Resp: 293125

Ion Ratio Lower Upper

240 100

120 12.7 9.5 14.3

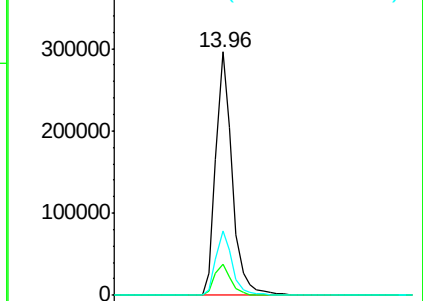
236 26.6 20.7 31.1



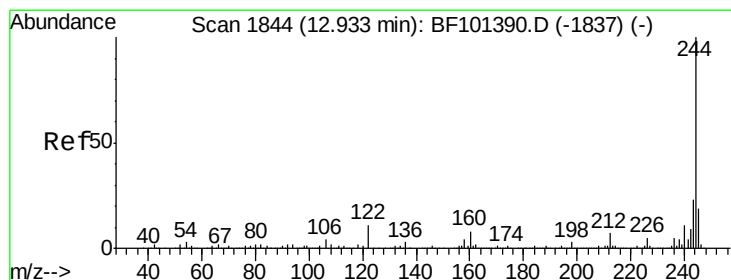
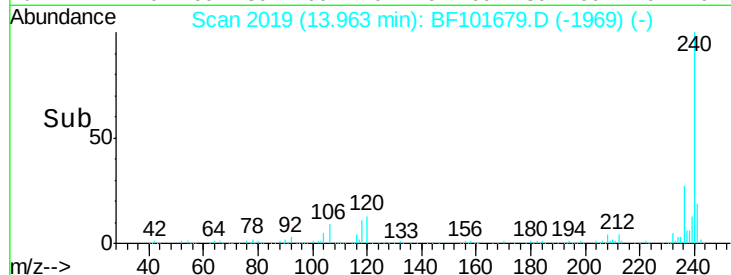
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#78

Terphenyl-d14

Concen: 105.053 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.01 min

Lab File: BF101679.D

Acq: 23 Dec 2017 4:07

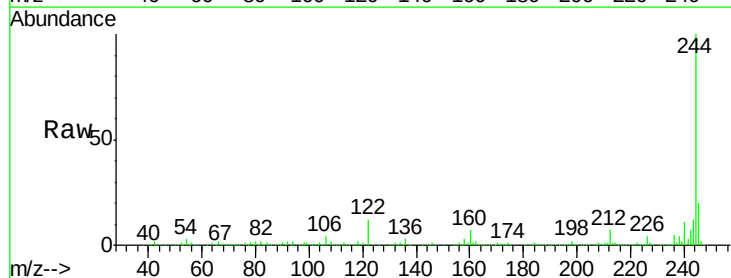
Tgt Ion:244 Resp: 1277342

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

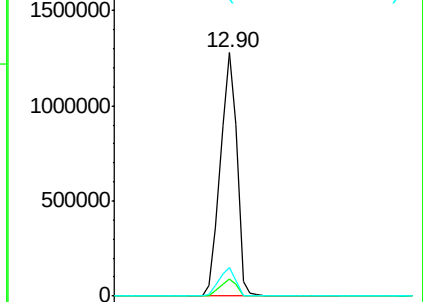
122 11.5 11.0 16.4



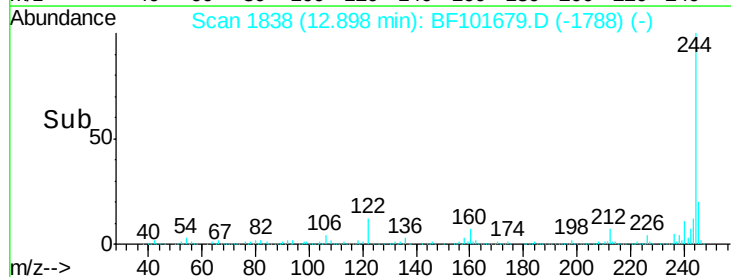
Abundance Ion 244.00 (243.70 to 244.70): E

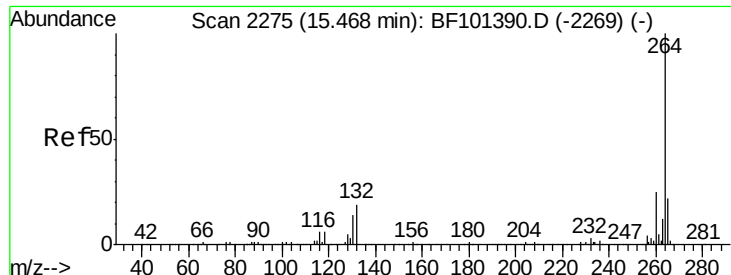
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2268
 Delta R.T. 0.00 min
 Lab File: BF101679.D
 Acq: 23 Dec 2017 4:07

Instrument :
 BNA_F
 ClientSampleId :
 PB105250TB

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	20.9	17.5	26.3

