

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070518\
 Data File : BF107164.D
 Acq On : 6 Jul 2018 10:31
 Operator : JU/SJ
 Sample : PB110854BL
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110854BL

Quant Time: Jul 06 11:01:47 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

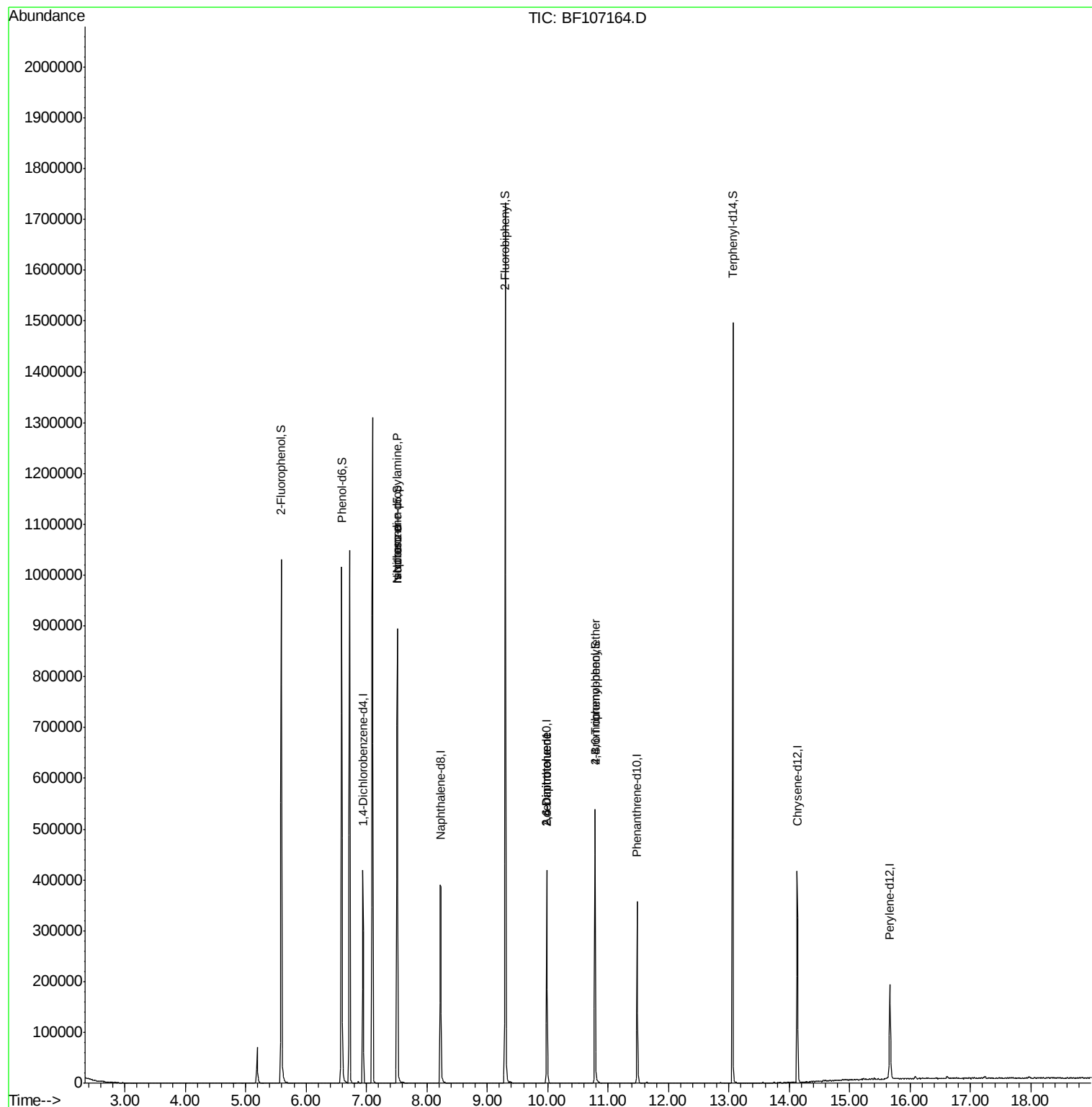
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	60682	20.00	ng	-0.02
21) Naphthalene-d8	8.23	136	222837	20.00	ng	-0.02
38) Acenaphthene-d10	9.99	164	97133	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	158617	20.00	ng	-0.02
75) Chrysene-d12	14.13	240	162308	20.00	ng	-0.04
86) Perylene-d12	15.67	264	111856	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	304329	84.92	ng	-0.01
7) Phenol-d6	6.59	99	370542	82.80	ng	-0.02
23) Nitrobenzene-d5	7.51	82	338671	84.46	ng	-0.02
41) 2,4,6-Tribromophenol	10.78	330	83042	73.76	ng	-0.02
44) 2-Fluorobiphenyl	9.30	172	596658	107.96	ng	-0.02
78) Terphenyl-d14	13.07	244	580016	86.56	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.51	70	43713	14.818	ng	# 72
25) Isophorone	7.51	82	338461	47.901	ng	# 64
50) 2,6-Dinitrotoluene	9.99	165	12156	7.880	ng	# 24
56) 2,4-Dinitrotoluene	9.99	165	12156	6.037	ng	# 21
66) 4-Bromophenyl-phenylether	10.78	248	5176	2.734	ng	# 1

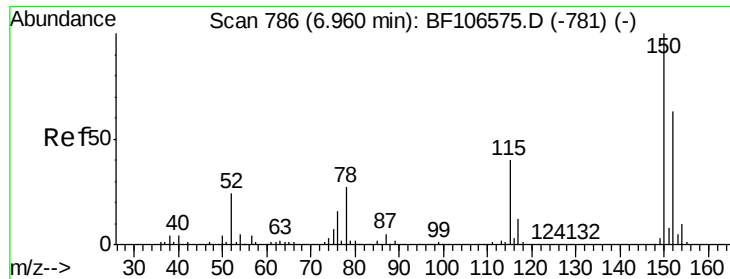
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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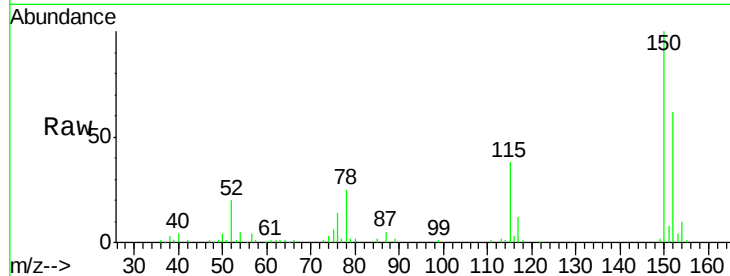




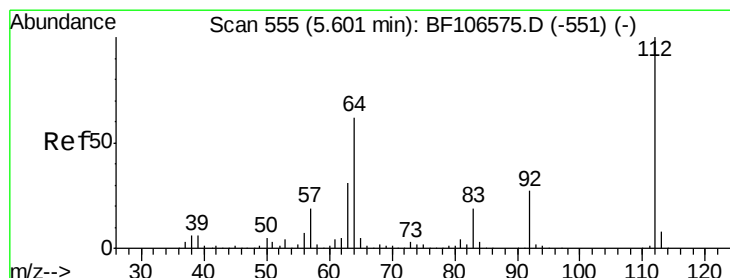
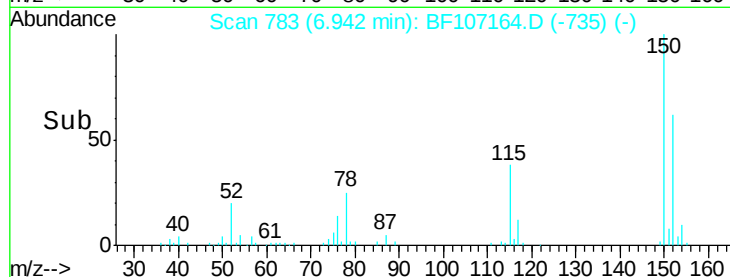
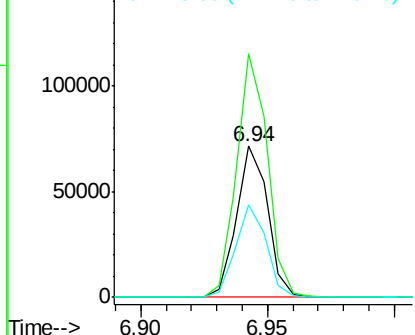
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.94 min Scan# 783
 Delta R.T. -0.02 min
 Lab File: BF107164.D
 Acq: 6 Jul 2018 10:31

Instrument :
 BNA_F
 ClientSampleId :
 PB110854BL

Tgt Ion:152 Resp: 60682
 Ion Ratio Lower Upper
 152 100
 150 161.2 124.6 186.8
 115 61.6 50.1 75.1

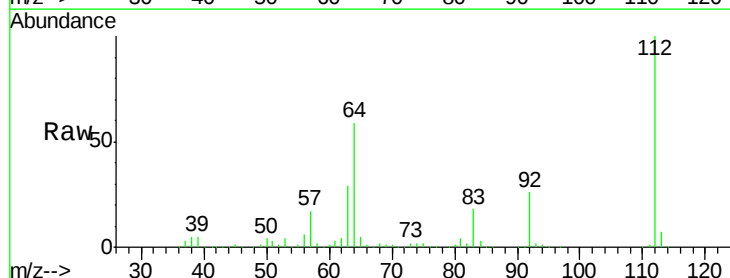


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

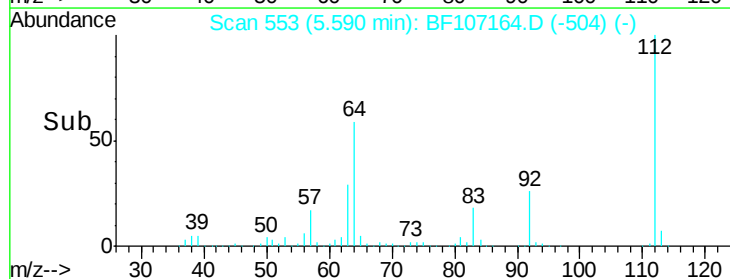
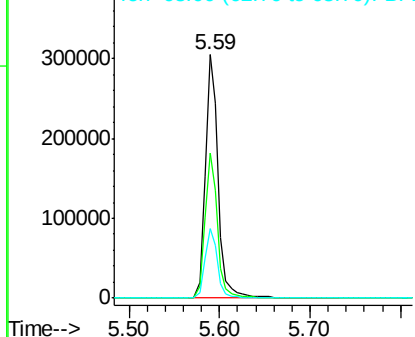


#5
 2-Fluorophenol
 Concen: 84.922 ng
 RT: 5.59 min Scan# 553
 Delta R.T. -0.01 min
 Lab File: BF107164.D
 Acq: 6 Jul 2018 10:31

Tgt Ion:112 Resp: 304329
 Ion Ratio Lower Upper
 112 100
 64 59.4 47.9 71.9
 63 28.8 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: 82.798 ng

RT: 6.59 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF107164.D

Acq: 6 Jul 2018 10:31

Instrument :

BNA_F

ClientSampleId :

PB110854BL

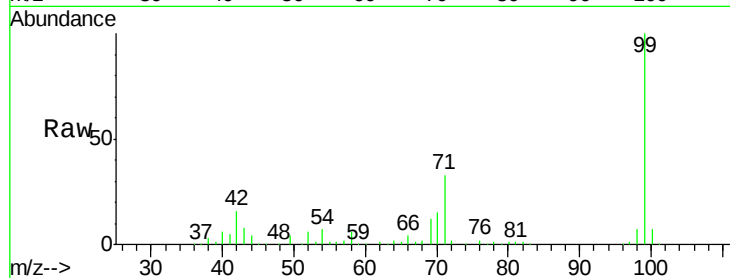
Tgt Ion: 99 Resp: 370542

Ion Ratio Lower Upper

99 100

42 16.0 14.5 21.7

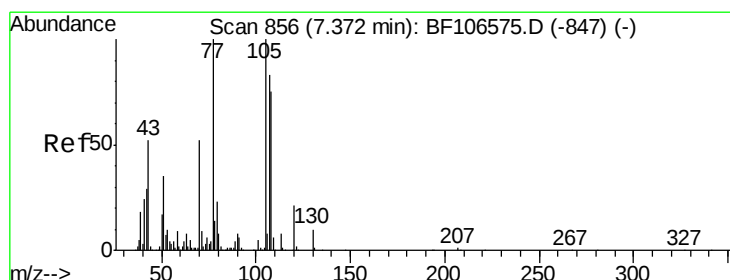
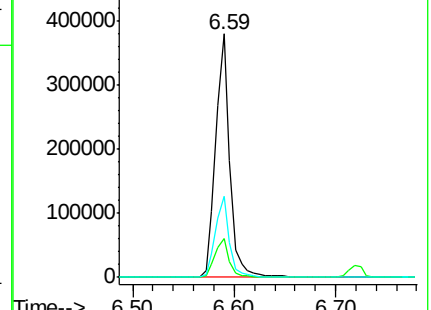
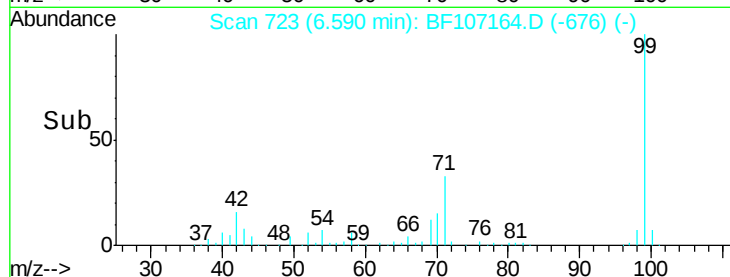
71 33.2 25.4 38.0



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: 14.818 ng

RT: 7.51 min Scan# 880

Delta R.T. 0.13 min

Lab File: BF107164.D

Acq: 6 Jul 2018 10:31

Tgt Ion: 70 Resp: 43713

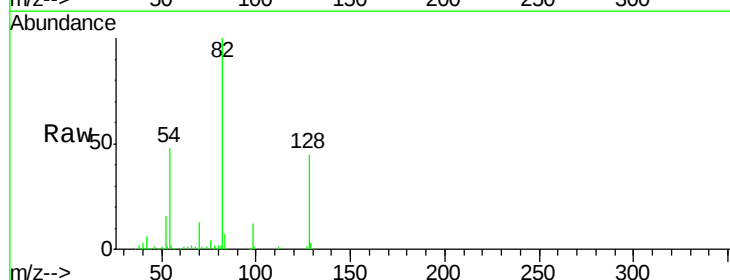
Ion Ratio Lower Upper

70 100

42 41.4 47.5 71.3#

101 0.0 7.4 11.2#

130 1.9 16.6 25.0#

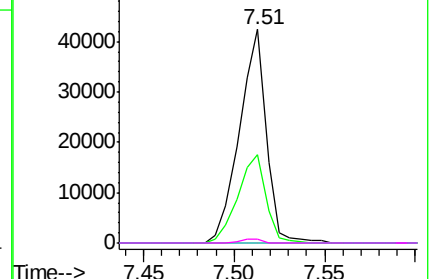
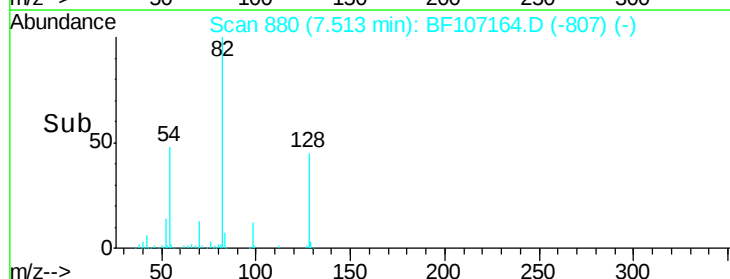


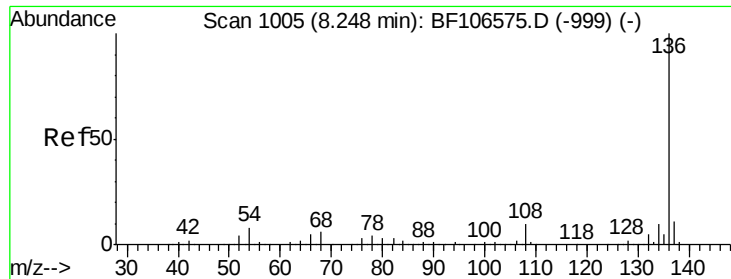
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

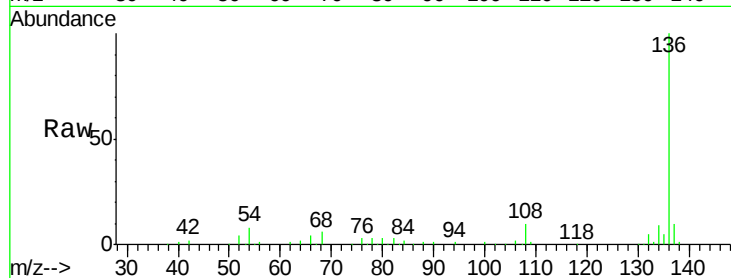




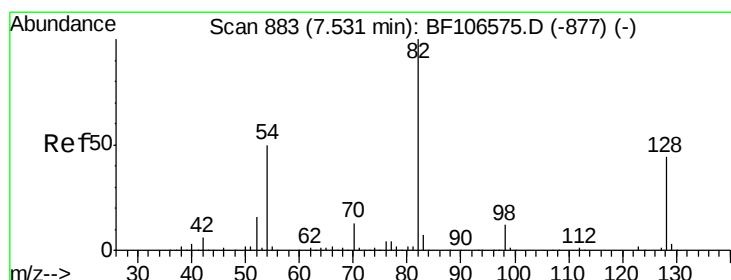
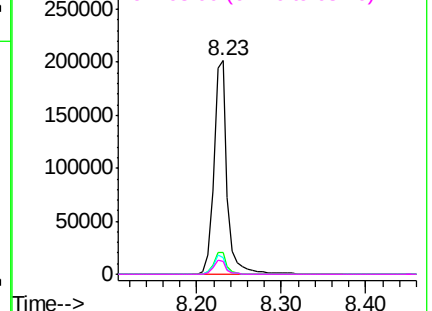
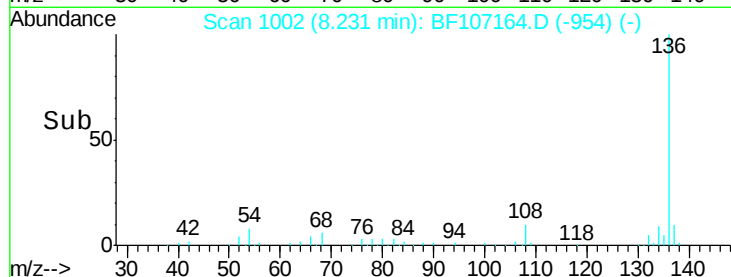
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BF107164.D
Acq: 6 Jul 2018 10:31

Instrument :
BNA_F
ClientSampleId :
PB110854BL

Tgt Ion: 136 Resp: 222837
Ion Ratio Lower Upper
136 100
137 10.3 8.9 13.3
54 7.6 6.6 9.8
68 5.9 5.0 7.4

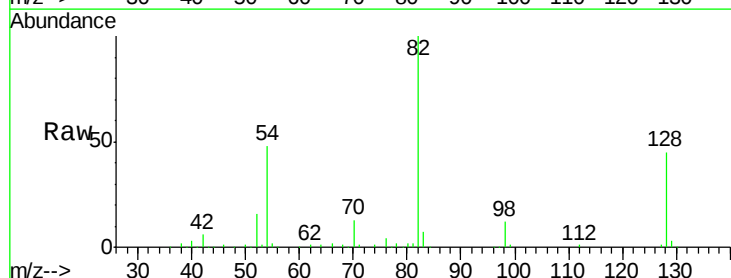


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

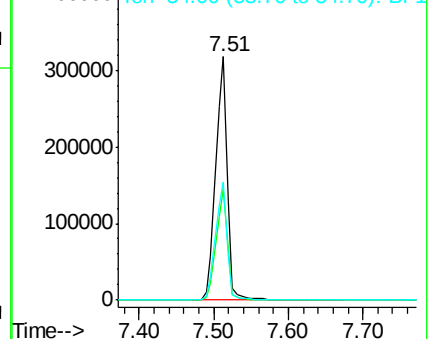
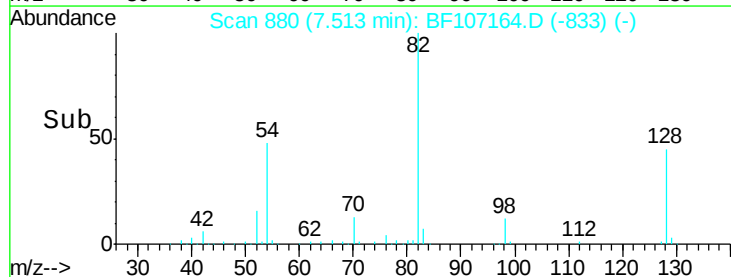


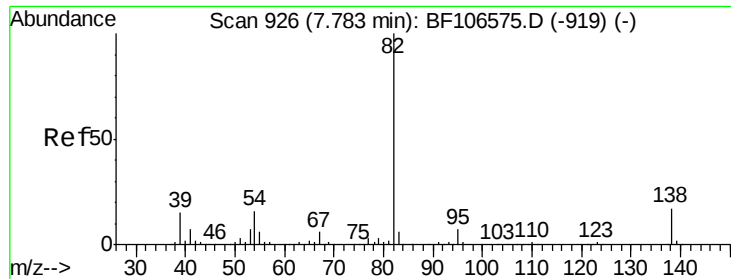
#23
Nitrobenzene-d5
Concen: 84.461 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF107164.D
Acq: 6 Jul 2018 10:31

Tgt Ion: 82 Resp: 338671
Ion Ratio Lower Upper
82 100
128 45.4 36.1 54.1
54 48.4 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: 47.901 ng

RT: 7.51 min Scan# 880

Delta R.T. -0.28 min

Lab File: BF107164.D

Acq: 6 Jul 2018 10:31

Instrument :

BNA_F

ClientSampleId :

PB110854BL

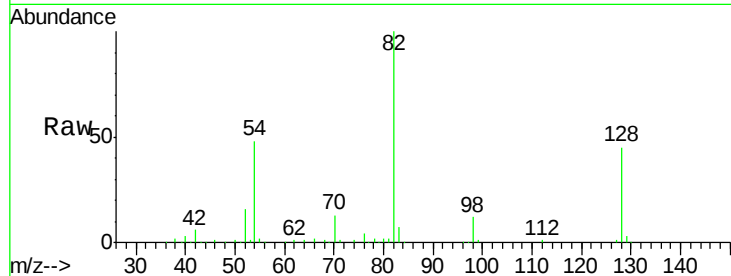
Tgt Ion: 82 Resp: 338461

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

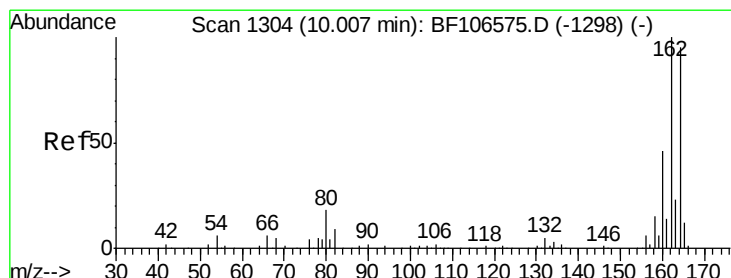
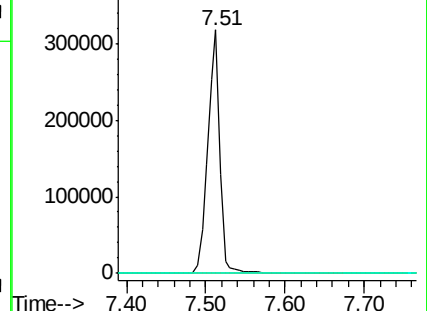
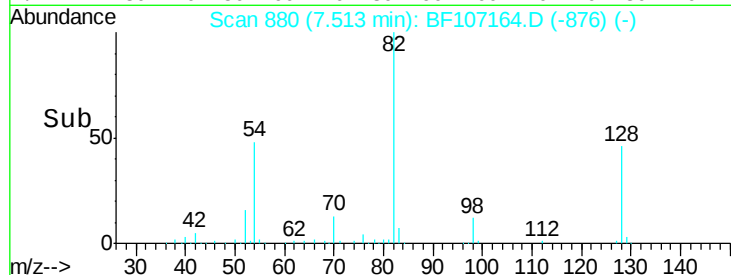
138 0.0 14.9 22.3#



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: 9.99 min Scan# 1301

Delta R.T. -0.02 min

Lab File: BF107164.D

Acq: 6 Jul 2018 10:31

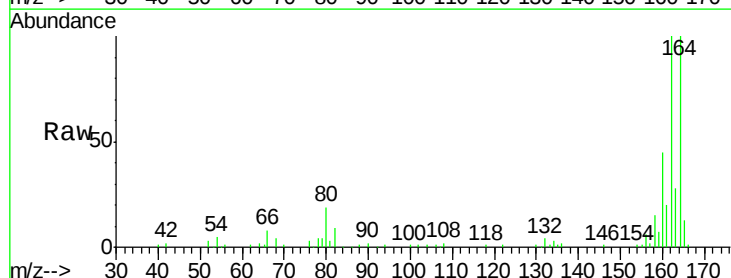
Tgt Ion: 164 Resp: 97133

Ion Ratio Lower Upper

164 100

162 99.9 86.1 129.1

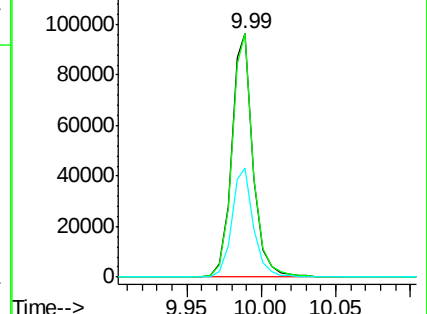
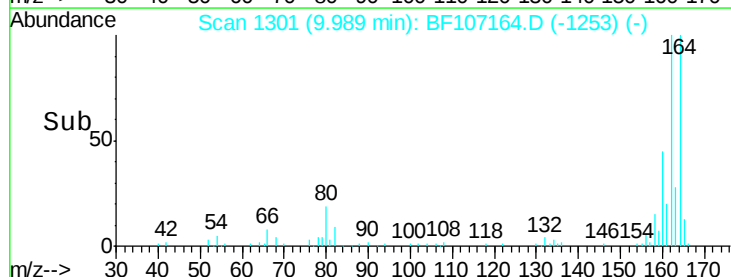
160 45.1 38.3 57.5

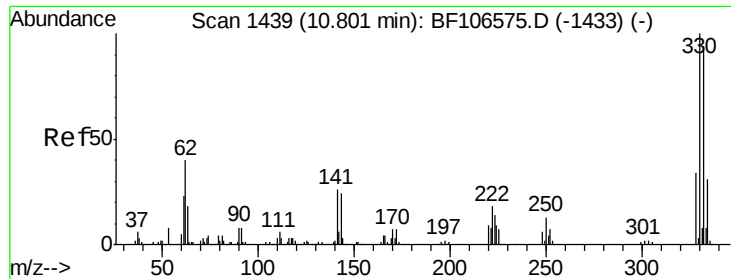


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

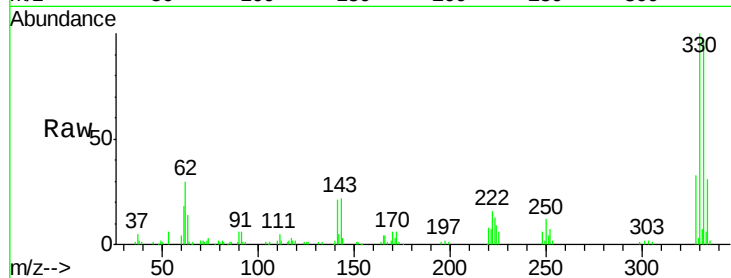




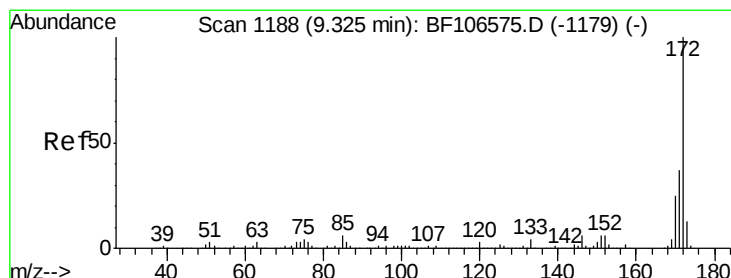
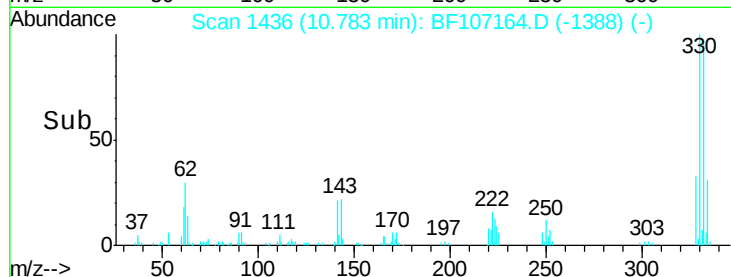
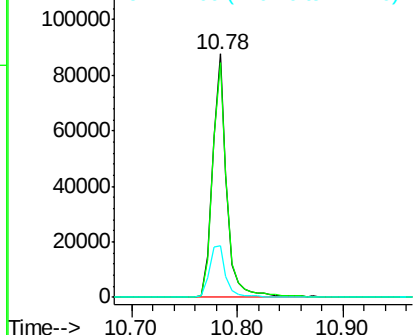
#41
 2,4,6-Tribromophenol
 Concen: 73.763 ng
 RT: 10.78 min Scan# 1436
 Delta R.T. -0.02 min
 Lab File: BF107164.D
 Acq: 6 Jul 2018 10:31

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:330 Resp: 83042
 Ion Ratio Lower Upper
 330 100
 332 98.3 77.0 115.6
 141 24.2 29.9 44.9#

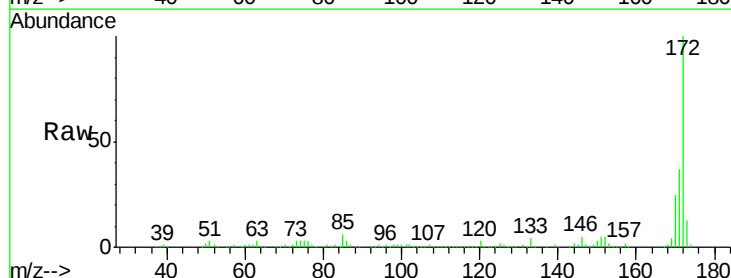


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

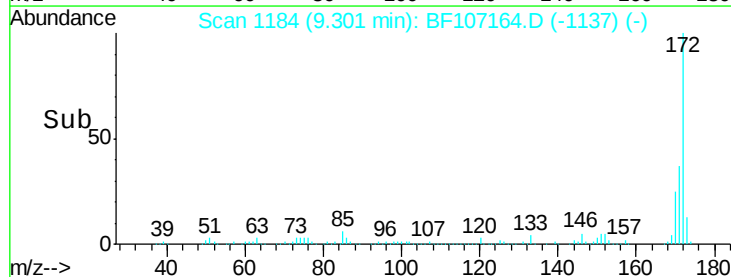
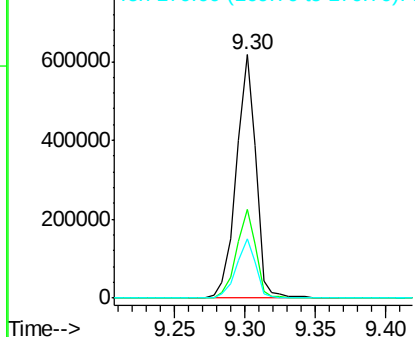


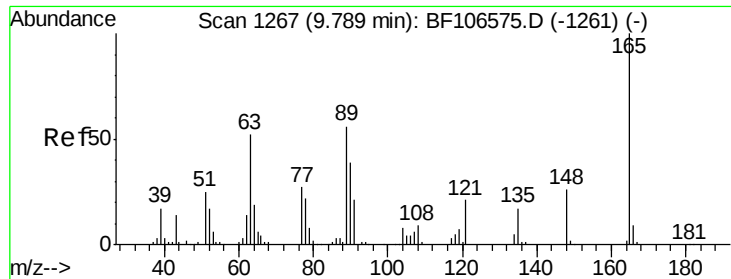
#44
 2-Fluorobiphenyl
 Concen: 107.957 ng
 RT: 9.30 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF107164.D
 Acq: 6 Jul 2018 10:31

Tgt Ion:172 Resp: 596658
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.7 44.5
 170 24.6 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

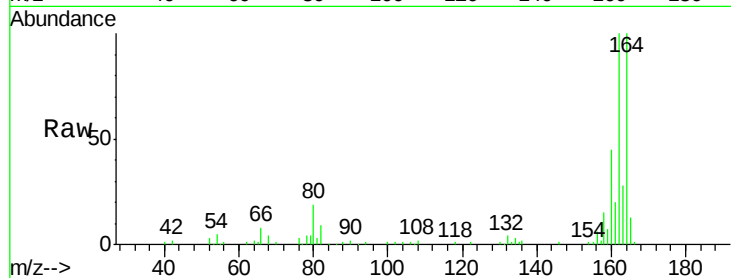




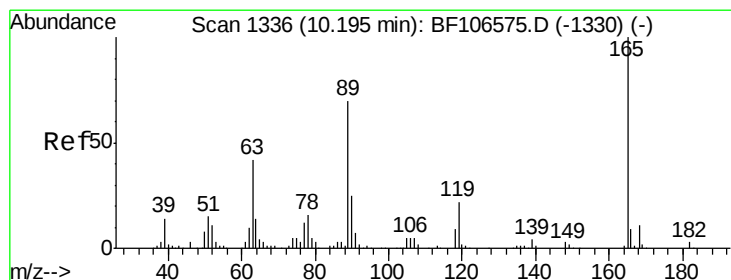
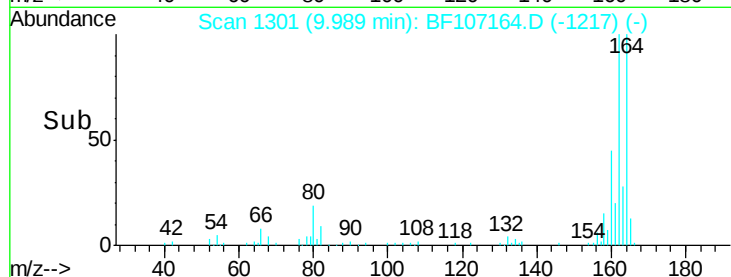
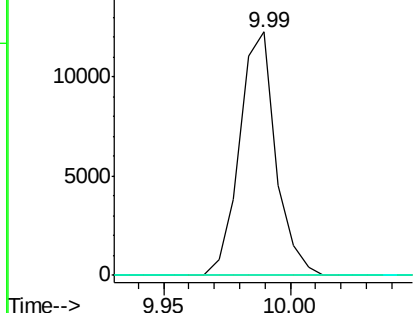
#50
2,6-Dinitrotoluene
Concen: 7.880 ng
RT: 9.99 min Scan# 1301
Delta R.T. 0.19 min
Lab File: BF107164.D
Acq: 6 Jul 2018 10:31

Instrument :
BNA_F
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Tgt Ion:165 Resp: 12156
Ion Ratio Lower Upper
165 100
63 0.0 44.7 67.1#
89 0.0 44.0 66.0#

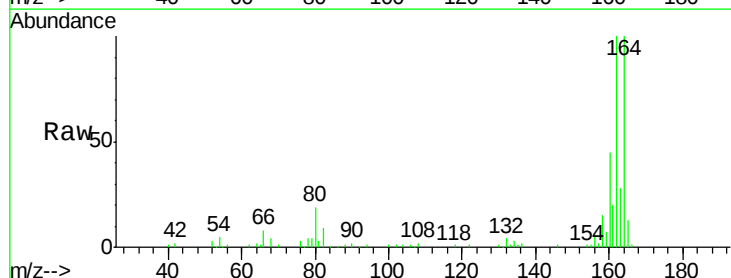


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

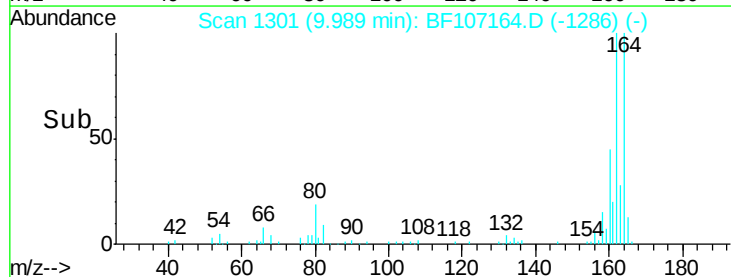
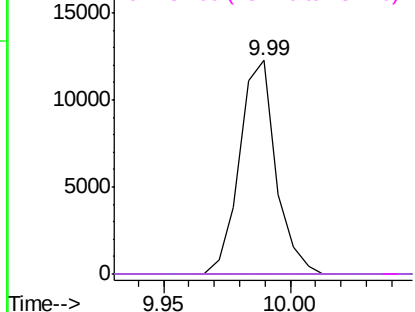


#56
2,4-Dinitrotoluene
Concen: 6.037 ng
RT: 9.99 min Scan# 1301
Delta R.T. -0.21 min
Lab File: BF107164.D
Acq: 6 Jul 2018 10:31

Tgt Ion:165 Resp: 12156
Ion Ratio Lower Upper
165 100
63 0.0 36.4 54.6#
89 0.0 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

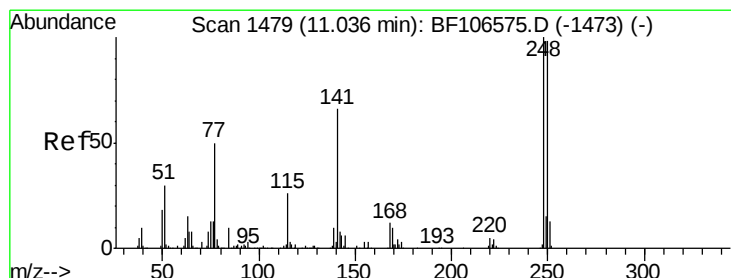
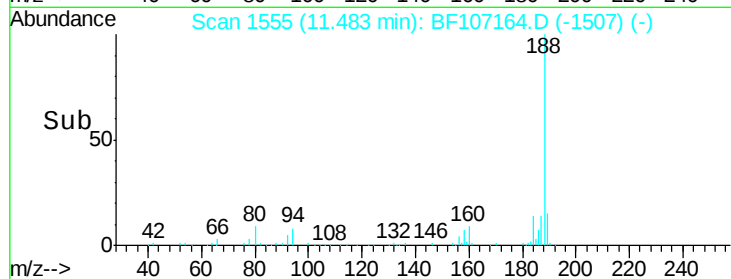
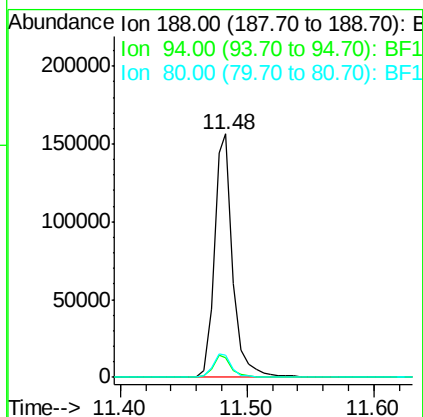
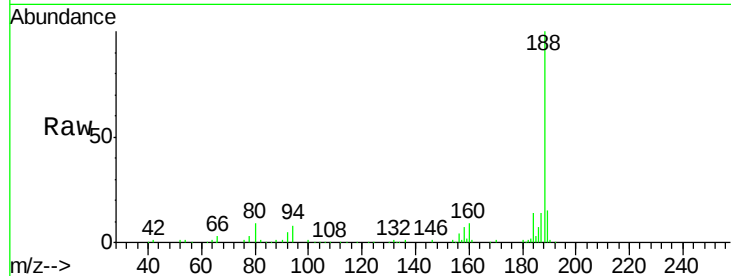




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1555
Delta R.T. -0.02 min
Lab File: BF107164.D
Acq: 6 Jul 2018 10:31

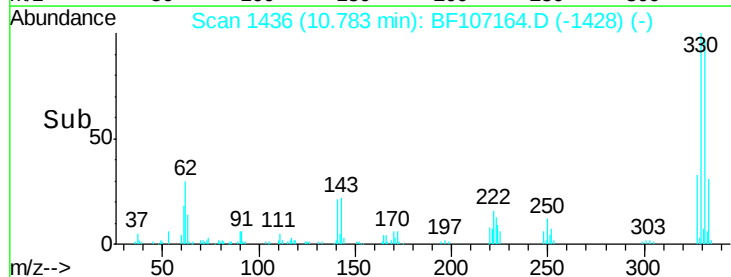
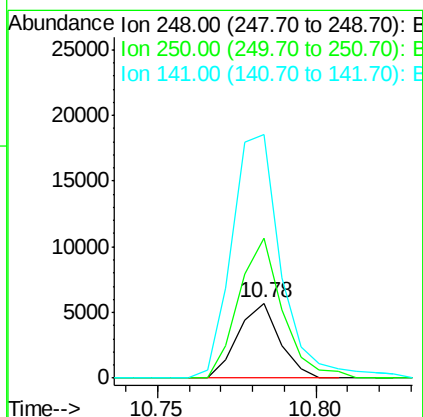
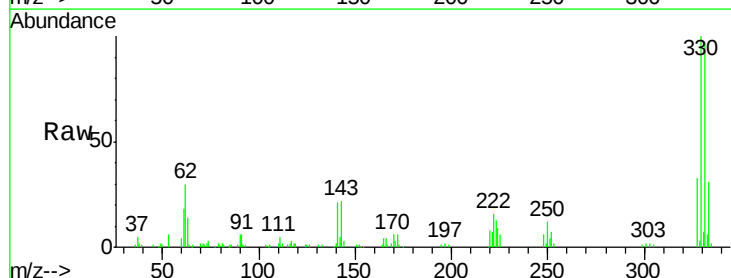
Instrument :
BNA_F
ClientSampleId :
PB110854BL

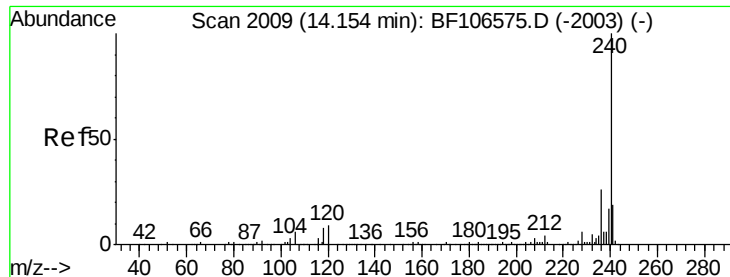
Tgt Ion:188 Resp: 158617
Ion Ratio Lower Upper
188 100
94 7.9 8.5 12.7#
80 8.9 9.2 13.8#



#66
4-Bromophenyl-phenylether
Concen: 2.734 ng
RT: 10.78 min Scan# 1436
Delta R.T. -0.25 min
Lab File: BF107164.D
Acq: 6 Jul 2018 10:31

Tgt Ion:248 Resp: 5176
Ion Ratio Lower Upper
248 100
250 187.6 76.9 115.3#
141 326.1 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.13 min Scan# 2005

Delta R.T. -0.04 min

Lab File: BF107164.D

Acq: 6 Jul 2018 10:31

Instrument :

BNA_F

ClientSampleId :

PB110854BL

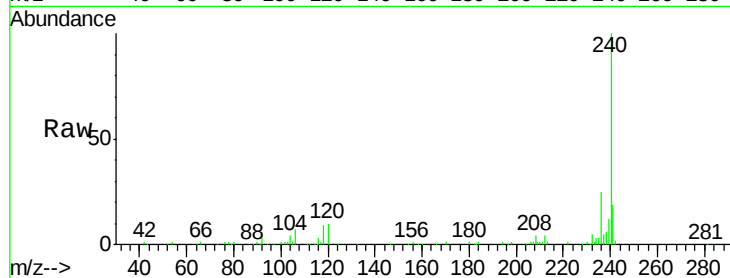
Tgt Ion:240 Resp: 162308

Ion Ratio Lower Upper

240 100

120 10.2 9.5 14.3

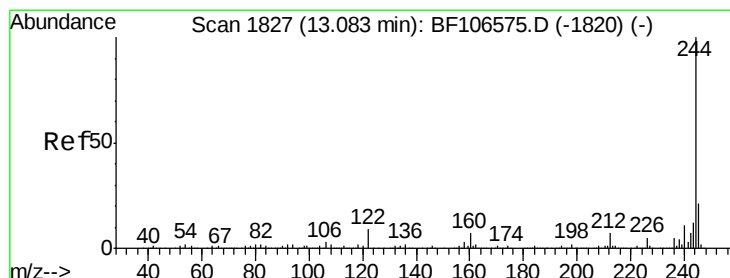
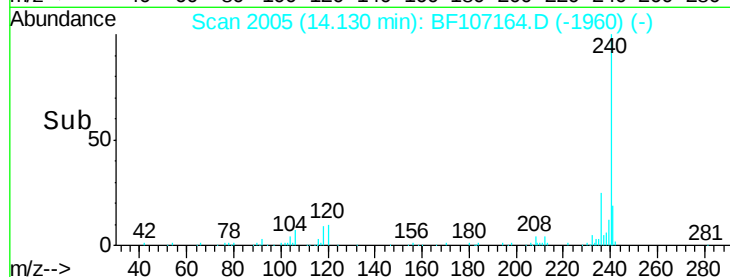
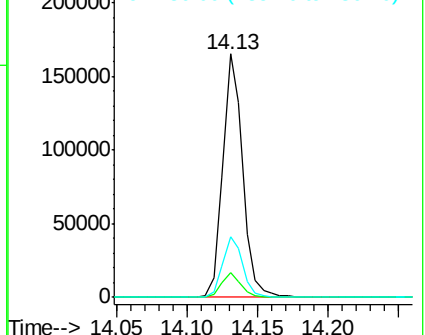
236 24.9 20.7 31.1



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: 86.562 ng

RT: 13.07 min Scan# 1824

Delta R.T. -0.02 min

Lab File: BF107164.D

Acq: 6 Jul 2018 10:31

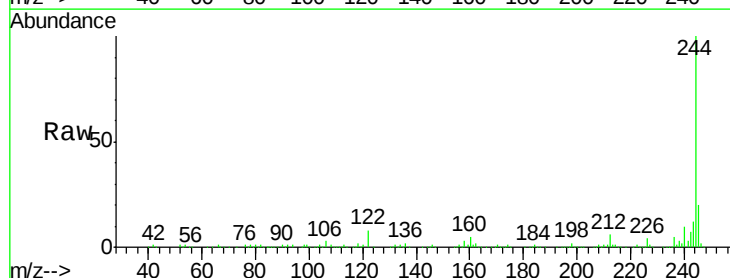
Tgt Ion:244 Resp: 580016

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

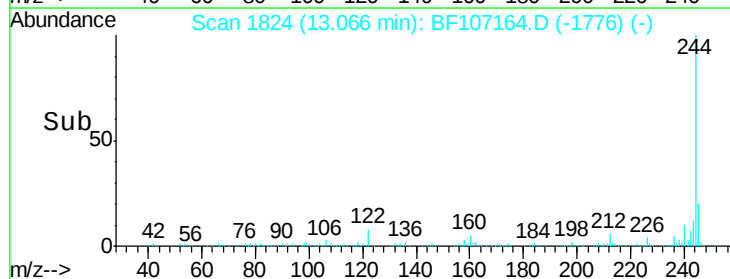
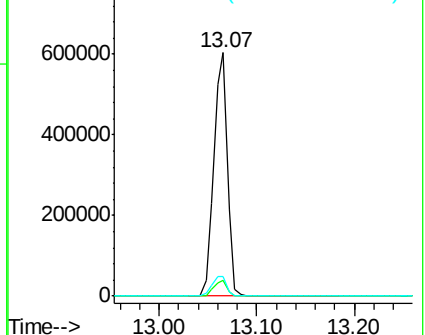
122 8.2 11.0 16.4#

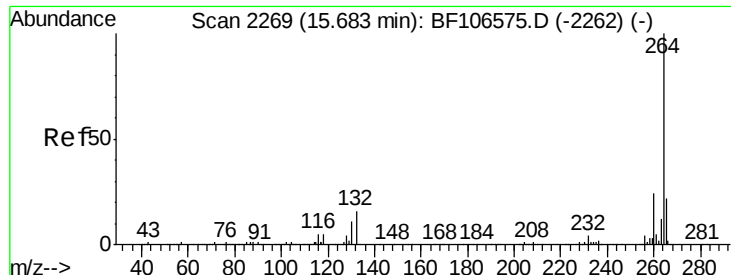


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

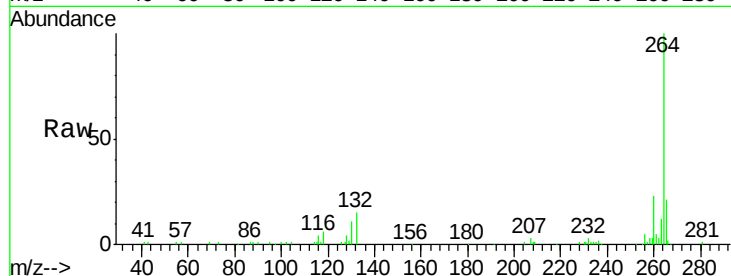




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2266
Delta R.T. -0.05 min
Lab File: BF107164.D
Acq: 6 Jul 2018 10:31

Instrument :
BNA_F
ClientSampleId :
PB110854BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.1	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

