

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
 Data File : BF107148.D
 Acq On : 6 Jul 2018 3:15
 Operator : JU/SJ
 Sample : J3805-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 06 04:15:10 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

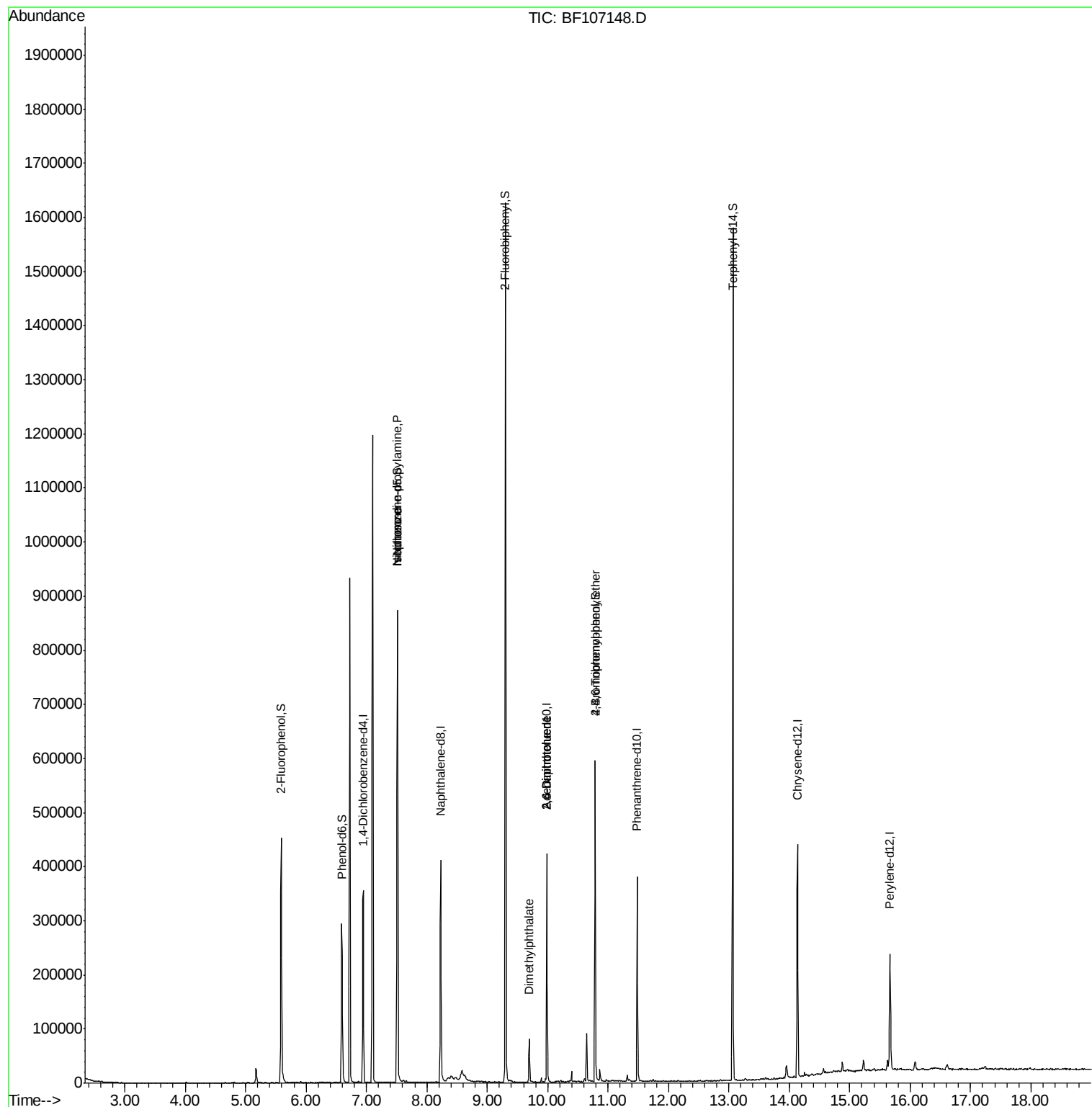
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	55691	20.00	ng	-0.01
21) Naphthalene-d8	8.23	136	199230	20.00	ng	-0.02
38) Acenaphthene-d10	9.99	164	87120	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	150766	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	161017	20.00	ng	-0.03
86) Perylene-d12	15.67	264	117006	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	140634	42.76	ng	-0.01
7) Phenol-d6	6.59	99	114867	27.97	ng	-0.02
23) Nitrobenzene-d5	7.51	82	320787	89.48	ng	-0.02
41) 2,4,6-Tribromophenol	10.78	330	84767	83.95	ng	-0.02
44) 2-Fluorobiphenyl	9.30	172	568781	115.86	ng	-0.02
78) Terphenyl-d14	13.07	244	598996	90.11	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.51	70	41968	15.502	ng	# 73
25) Isophorone	7.51	82	320782	50.779	ng	# 64
49) Dimethylphthalate	9.70	163	36451	5.579	ng	# 97
50) 2,6-Dinitrotoluene	9.99	165	10459	7.559	ng	# 24
56) 2,4-Dinitrotoluene	9.99	165	10459	5.791	ng	# 21
66) 4-Bromophenyl-phenylether	10.78	248	5334	2.964	ng	# 1

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

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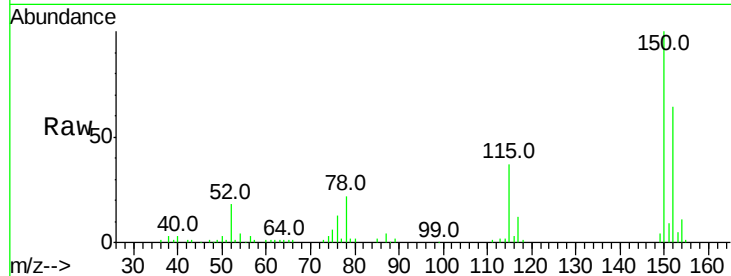


#1

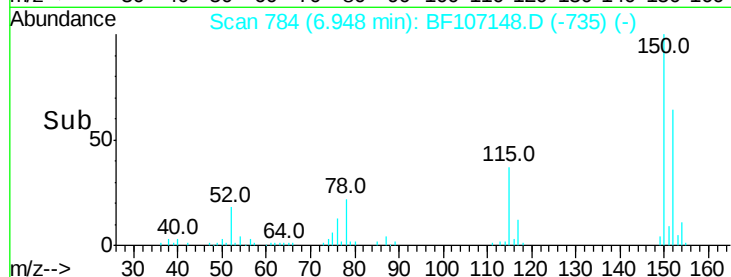
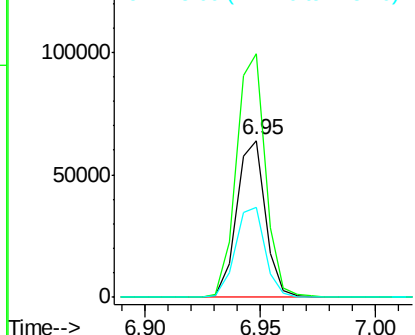
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF107148.D
Acq: 6 Jul 2018 3:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 55691
Ion Ratio Lower Upper
152 100
150 155.2 124.6 186.8
115 57.4 50.1 75.1



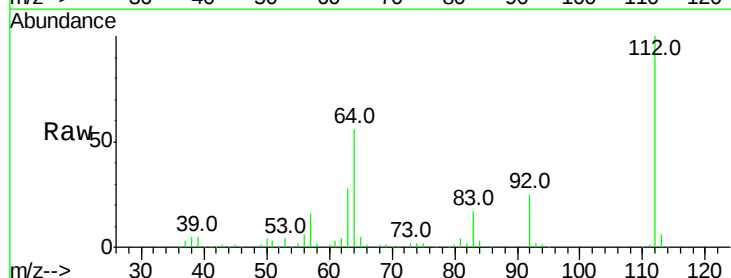
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



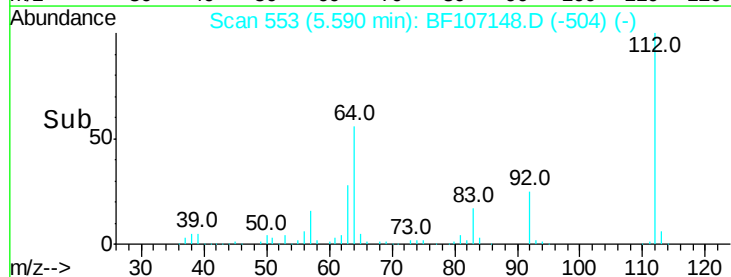
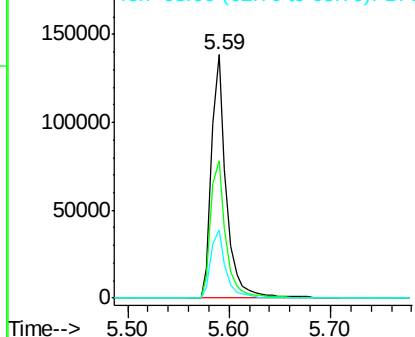
#5

2-Fluorophenol
Concen: 42.761 ng
RT: 5.59 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF107148.D
Acq: 6 Jul 2018 3:15

Tgt Ion:112 Resp: 140634
Ion Ratio Lower Upper
112 100
64 56.2 47.9 71.9
63 27.8 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: 27.968 ng

RT: 6.59 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF107148.D

Acq: 6 Jul 2018 3:15

Instrument :

BNA_F

ClientSampled :

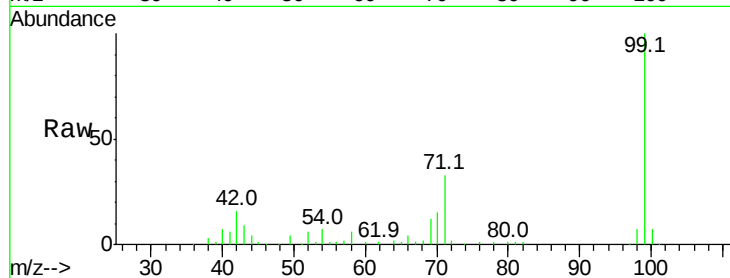
Tot Ion: 99 Resp: 114867

Ion Ratio Lower Upper

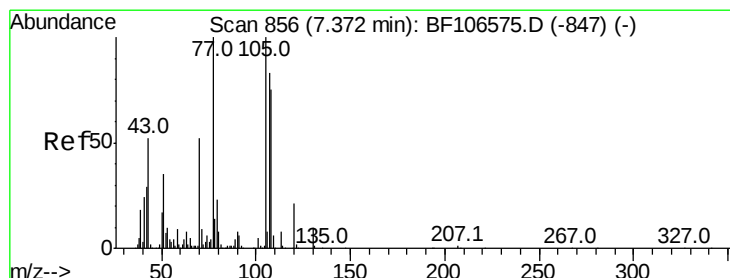
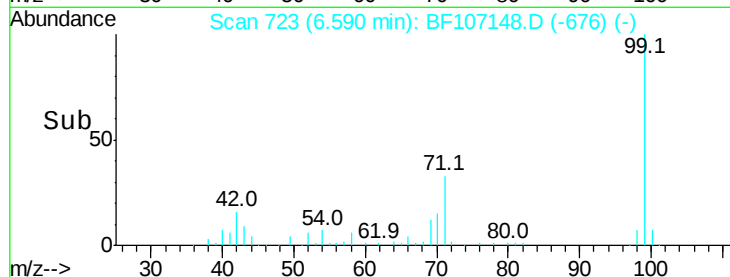
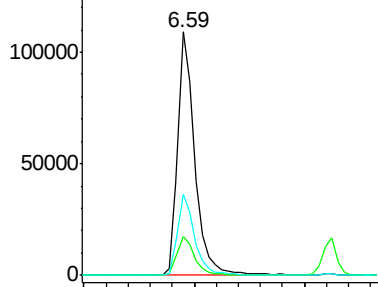
99 100

42 16.0 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: 15.502 ng

RT: 7.51 min Scan# 880

Delta R.T. 0.13 min

Lab File: BF107148.D

Acq: 6 Jul 2018 3:15

Tgt Ion: 70 Resp: 41968

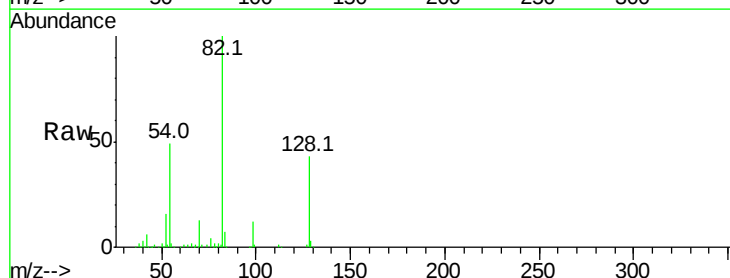
Ion Ratio Lower Upper

70 100

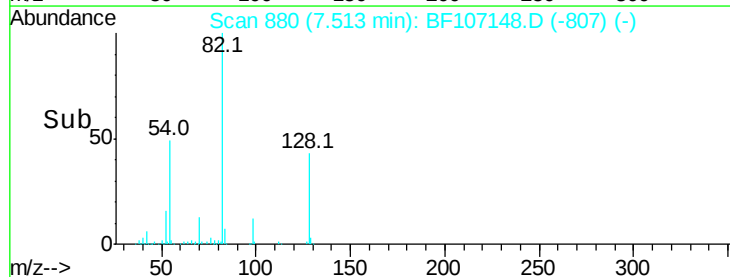
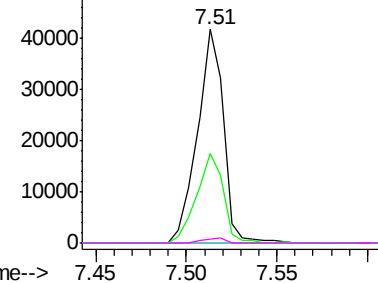
42 41.9 47.5 71.3#

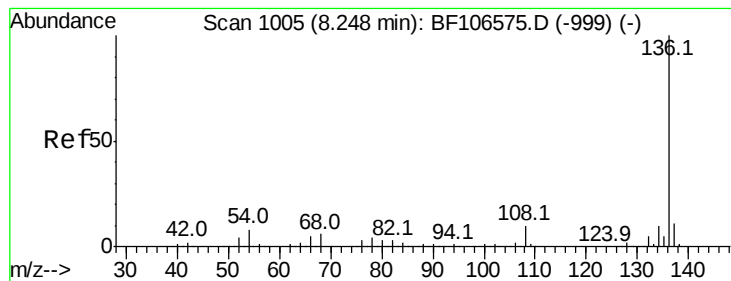
101 0.0 7.4 11.2#

130 2.0 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: BF107148.D

Acq: 6 Jul 2018 3:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 199230

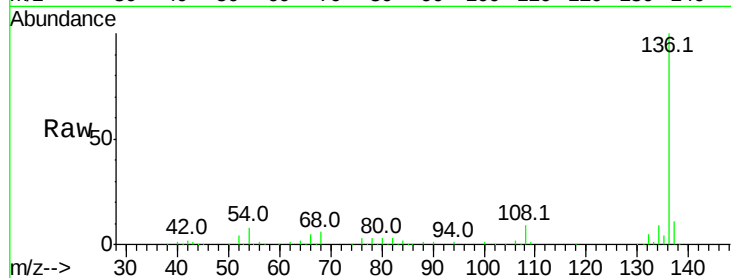
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 7.5 6.6 9.8

68 6.0 5.0 7.4

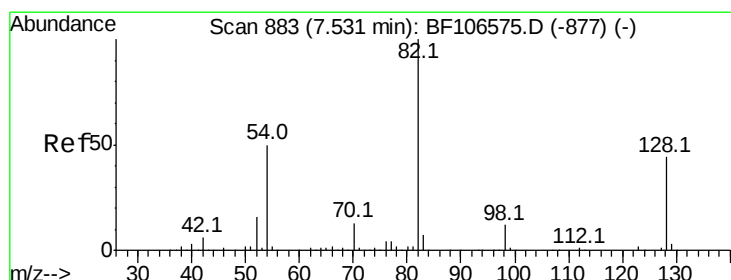
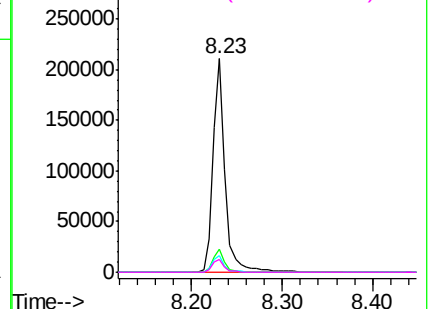
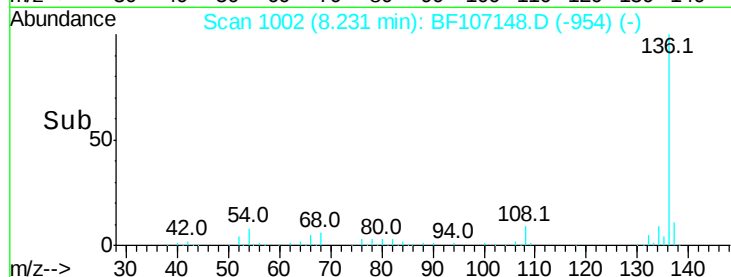


Abundance Ion 136.00 (135.70 to 136.70): E

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: 89.481 ng

RT: 7.51 min Scan# 880

Delta R.T. -0.02 min

Lab File: BF107148.D

Acq: 6 Jul 2018 3:15

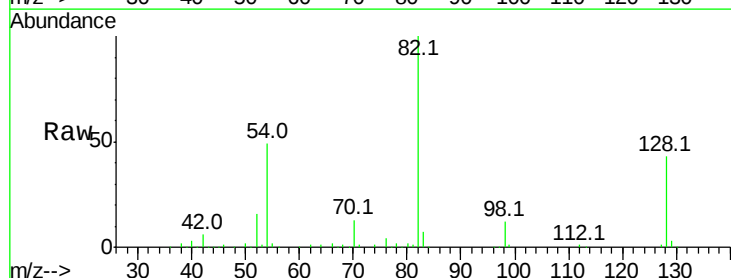
Tgt Ion: 82 Resp: 320787

Ion Ratio Lower Upper

82 100

128 43.5 36.1 54.1

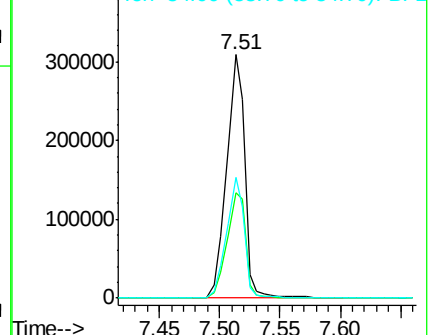
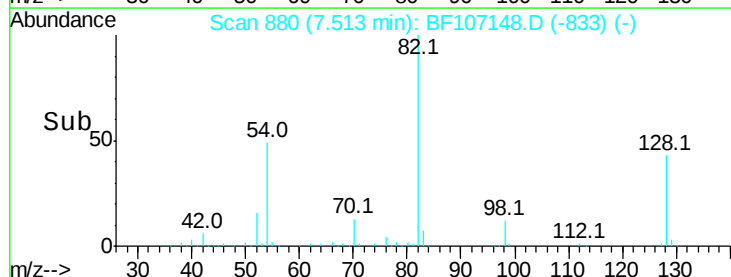
54 49.4 41.4 62.2

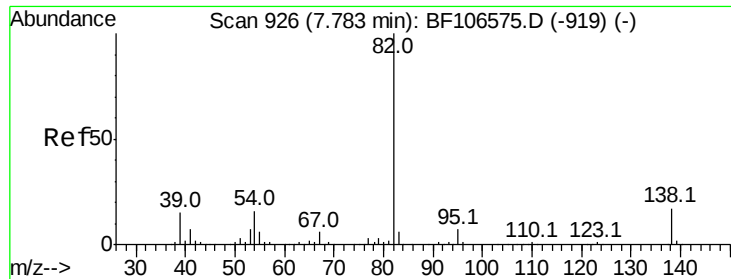


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

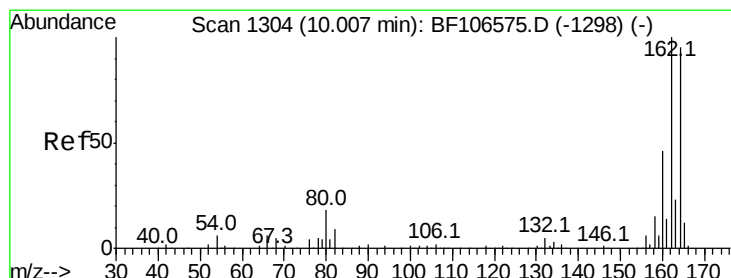
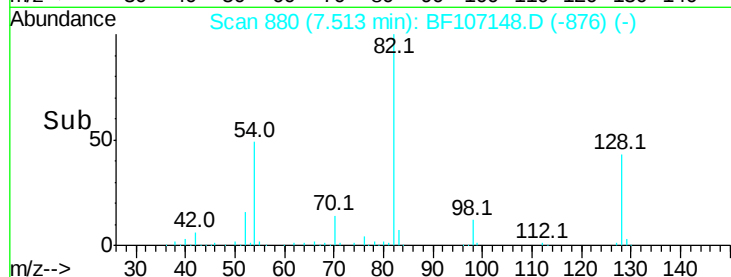
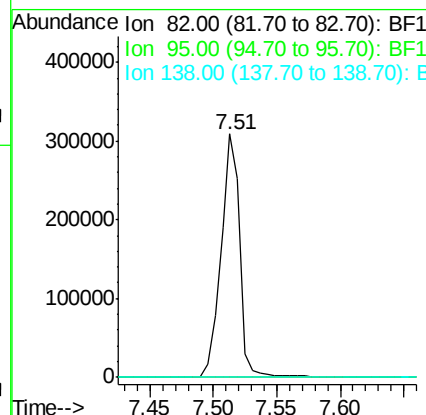
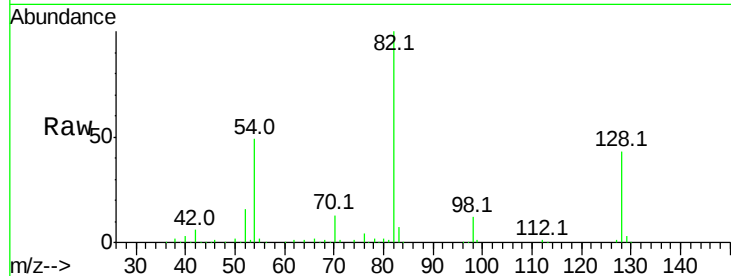




#25
Isophorone
Concen: 50.779 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.28 min
Lab File: BF107148.D
Acq: 6 Jul 2018 3:15

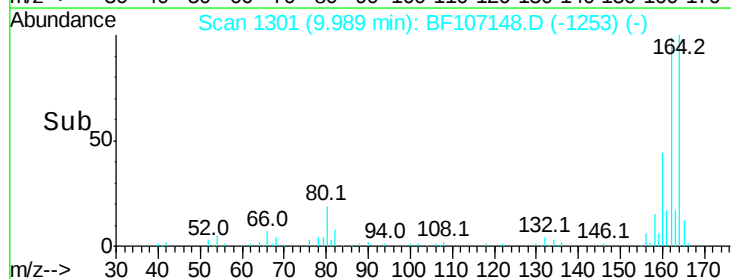
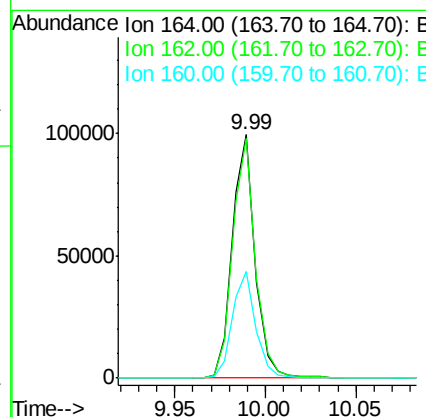
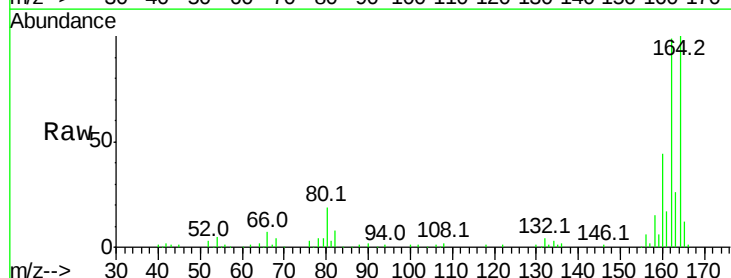
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 320782
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: 9.99 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BF107148.D
Acq: 6 Jul 2018 3:15

Tgt Ion:164 Resp: 87120
Ion Ratio Lower Upper
164 100
162 98.5 86.1 129.1
160 43.9 38.3 57.5

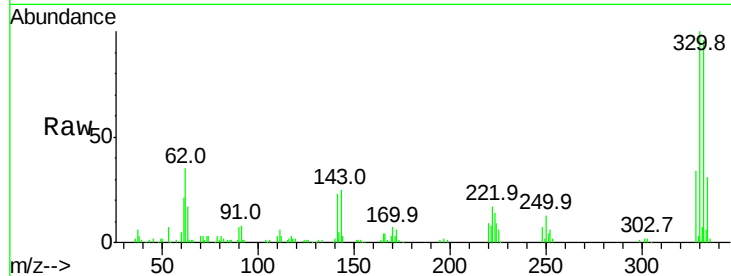




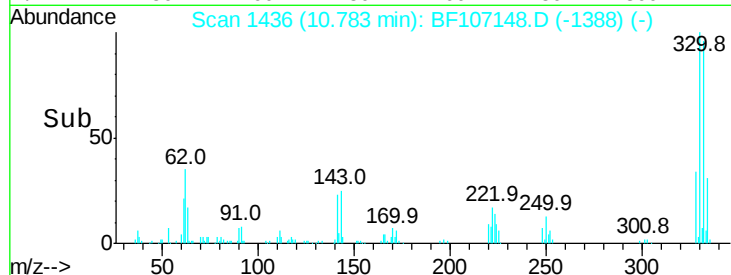
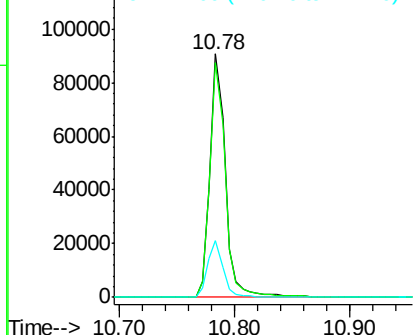
#41
 2,4,6-Tribromophenol
 Concen: 83.949 ng
 RT: 10.78 min Scan# 1436
 Delta R.T. -0.02 min
 Lab File: BF107148.D
 Acq: 6 Jul 2018 3:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 84767
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 23.5 29.9 44.9#

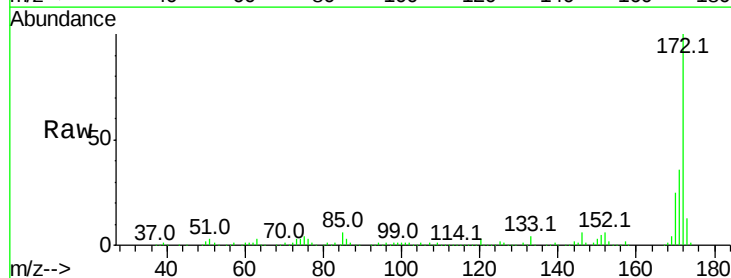


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

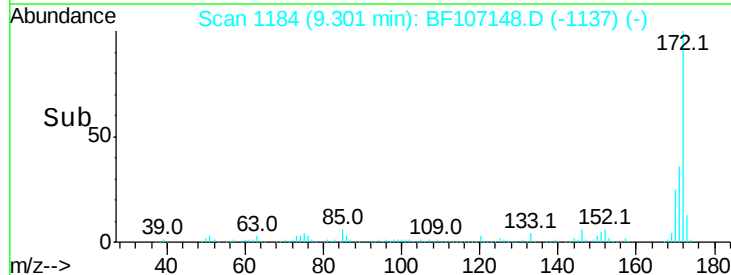
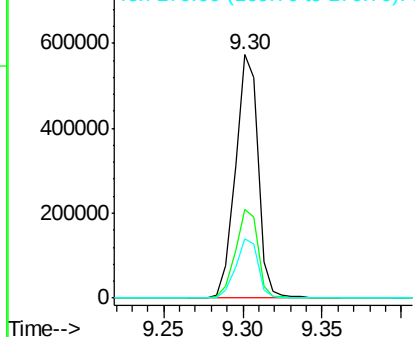


#44
 2-Fluorobiphenyl
 Concen: 115.863 ng
 RT: 9.30 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF107148.D
 Acq: 6 Jul 2018 3:15

Tgt Ion:172 Resp: 568781
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 24.5 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

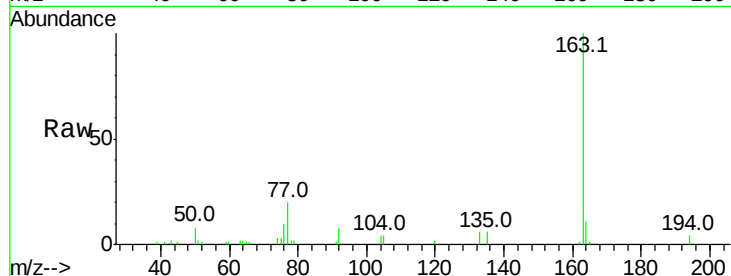




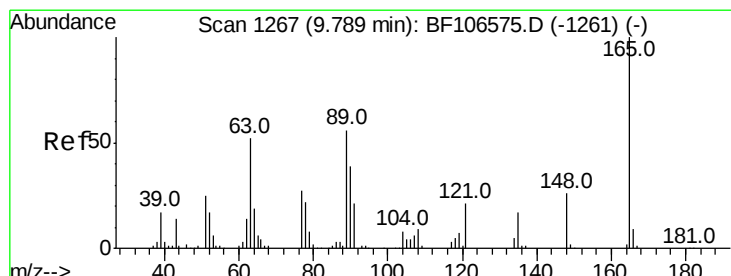
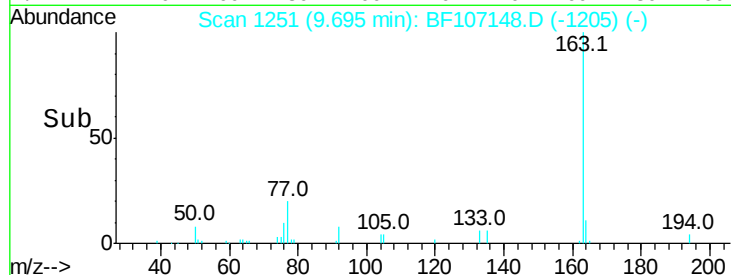
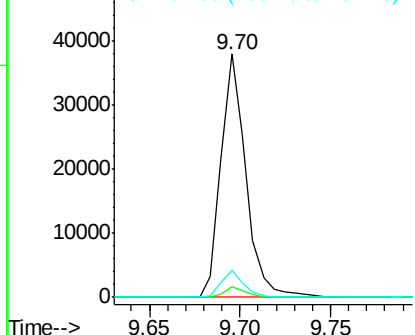
#49
Dimethylphthalate
Concen: 5.579 ng
RT: 9.70 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF107148.D
Acq: 6 Jul 2018 3:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 36451
Ion Ratio Lower Upper
163 100
194 4.4 2.7 4.1#
164 11.3 8.2 12.2

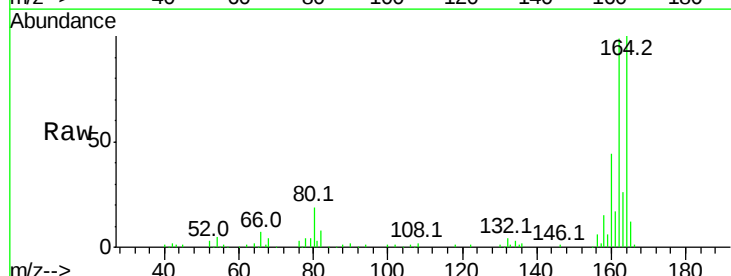


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

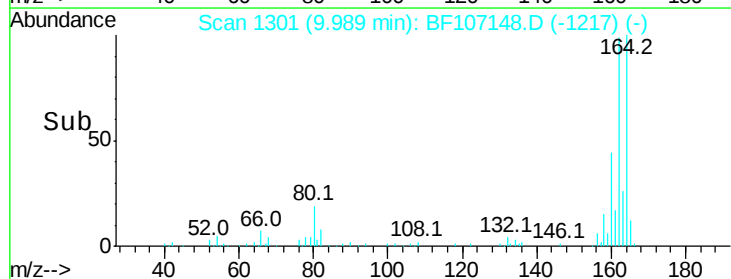
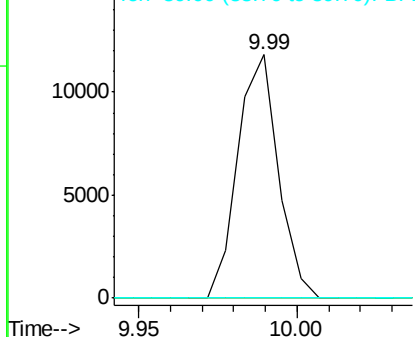


#50
2,6-Dinitrotoluene
Concen: 7.559 ng
RT: 9.99 min Scan# 1301
Delta R.T. 0.19 min
Lab File: BF107148.D
Acq: 6 Jul 2018 3:15

Tgt Ion:165 Resp: 10459
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

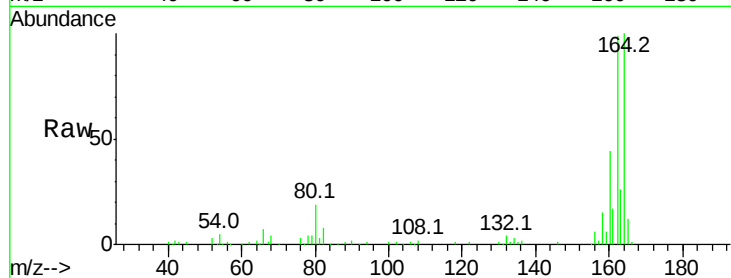




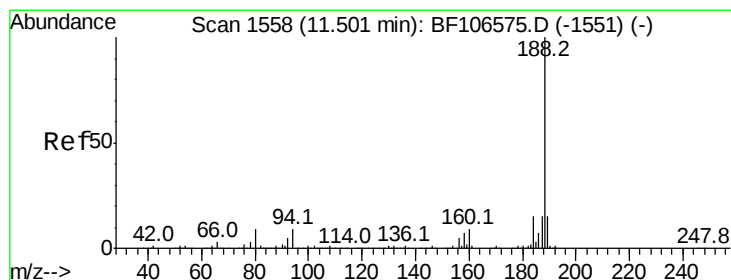
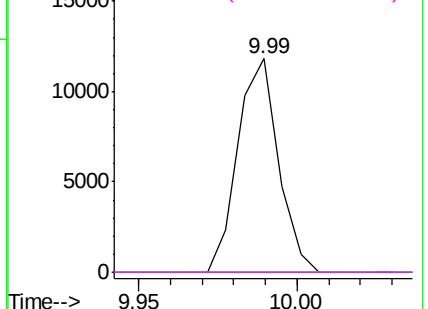
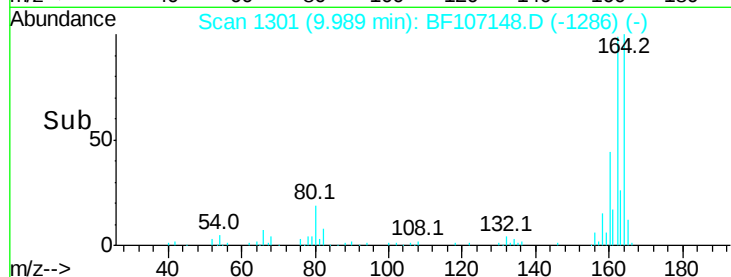
#56
 2,4-Dinitrotoluene
 Concen: 5.791 ng
 RT: 9.99 min Scan# 1301
 Delta R.T. -0.21 min
 Lab File: BF107148.D
 Acq: 6 Jul 2018 3:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 10459
 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#

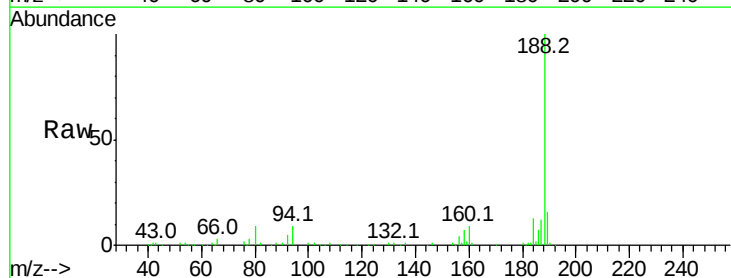


Abundance Ion 165.00 (164.70 to 165.70): E

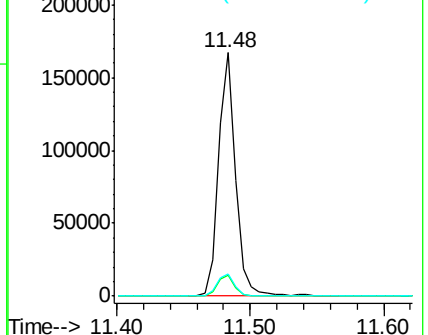
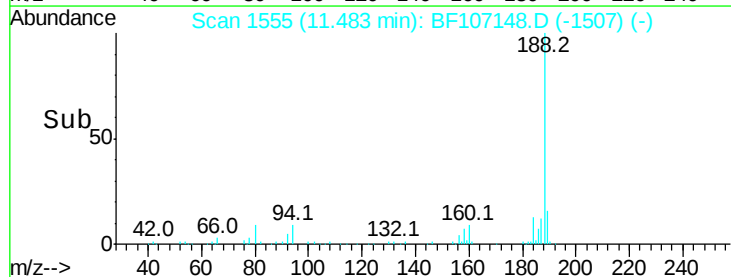


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1555
 Delta R.T. -0.02 min
 Lab File: BF107148.D
 Acq: 6 Jul 2018 3:15

Tgt Ion:188 Resp: 150766
 Ion Ratio Lower Upper
 188 100
 94 8.5 8.5 12.7
 80 8.9 9.2 13.8#



Abundance Ion 188.00 (187.70 to 188.70): E

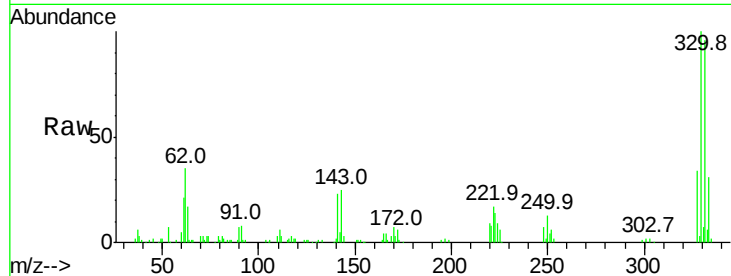




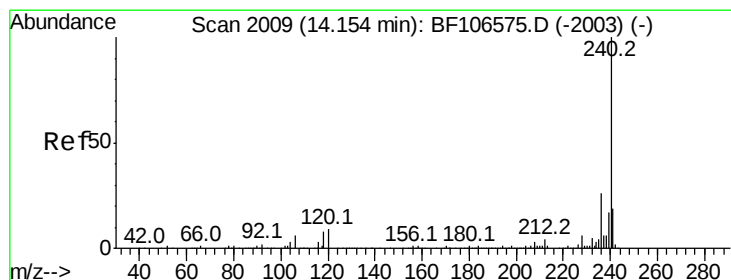
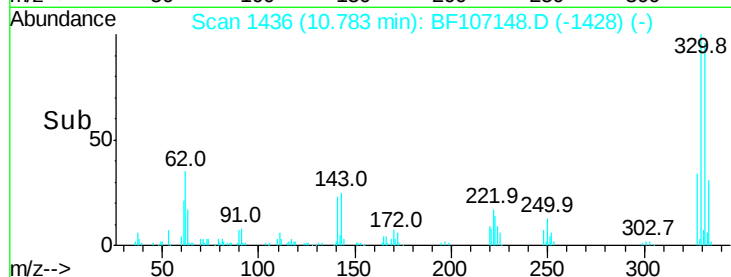
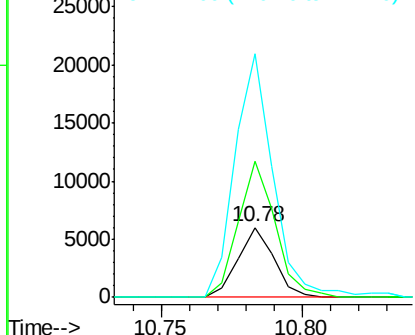
#66
4-Bromophenyl-phenylether
Concen: 2.964 ng
RT: 10.78 min Scan# 1436
Delta R.T. -0.25 min
Lab File: BF107148.D
Acq: 6 Jul 2018 3:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 5334
Ion Ratio Lower Upper
248 100
250 195.5 76.9 115.3#
141 349.5 74.4 111.6#

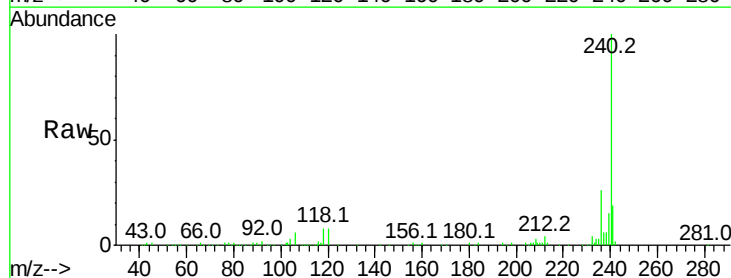


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

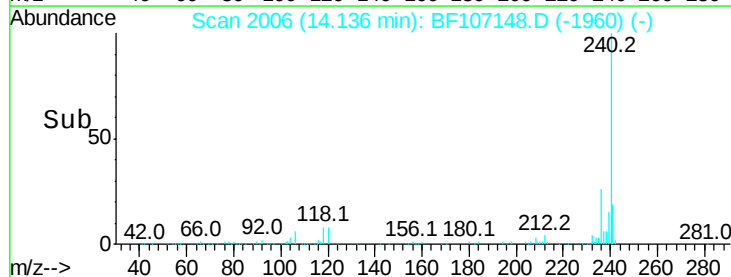
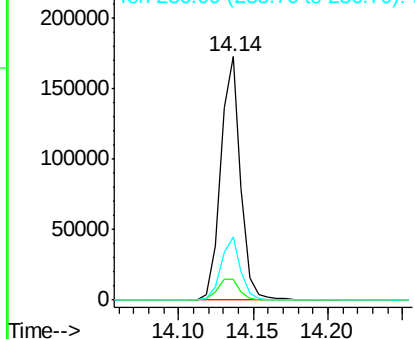


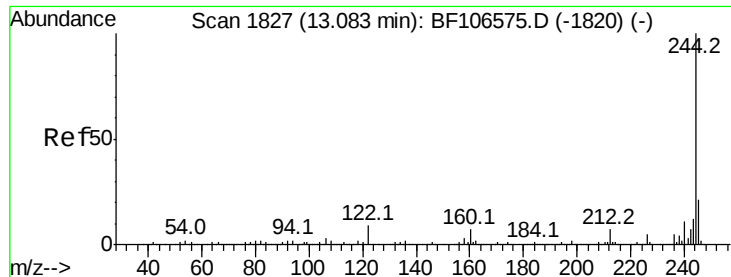
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.03 min
Lab File: BF107148.D
Acq: 6 Jul 2018 3:15

Tgt Ion:240 Resp: 161017
Ion Ratio Lower Upper
240 100
120 8.5 9.5 14.3#
236 25.8 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

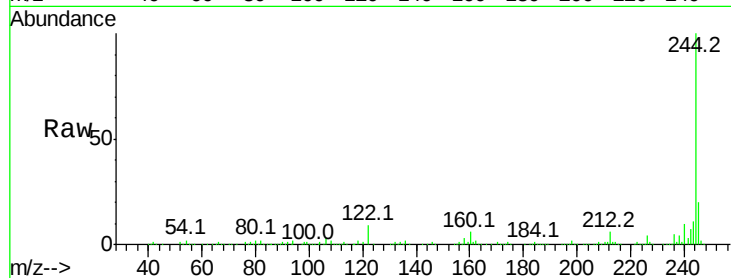




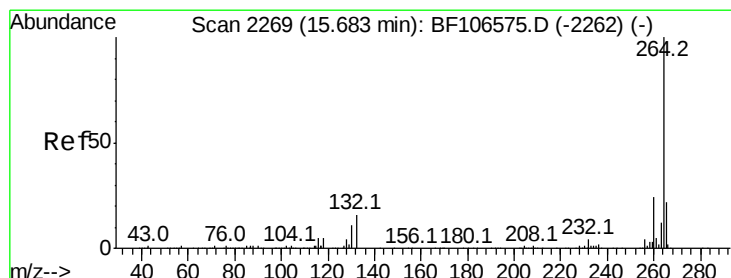
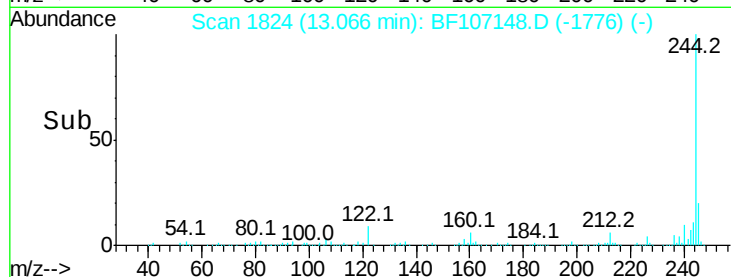
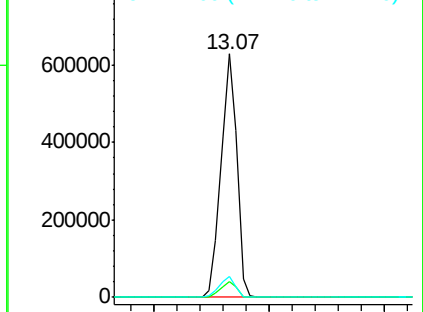
#78
 Terphenyl-d14
 Concen: 90.111 ng
 RT: 13.07 min Scan# 1824
 Delta R.T. -0.02 min
 Lab File: BF107148.D
 Acq: 6 Jul 2018 3:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 598996
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 8.8 11.0 16.4#

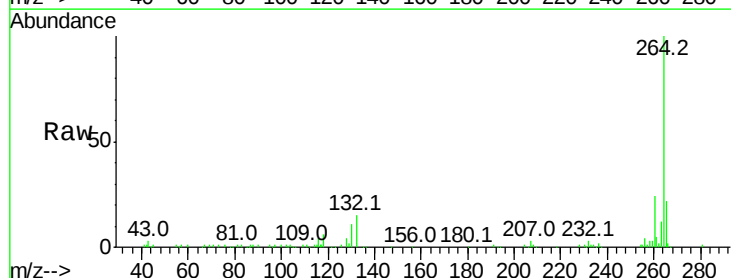


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2266
 Delta R.T. -0.05 min
 Lab File: BF107148.D
 Acq: 6 Jul 2018 3:15

Tgt Ion:264 Resp: 117006
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.5 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

