

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF063018\
 Data File : BF107017.D
 Acq On : 30 Jun 2018 16:22
 Operator : JU/SJ
 Sample : J3629-09 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 02 04:05:51 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

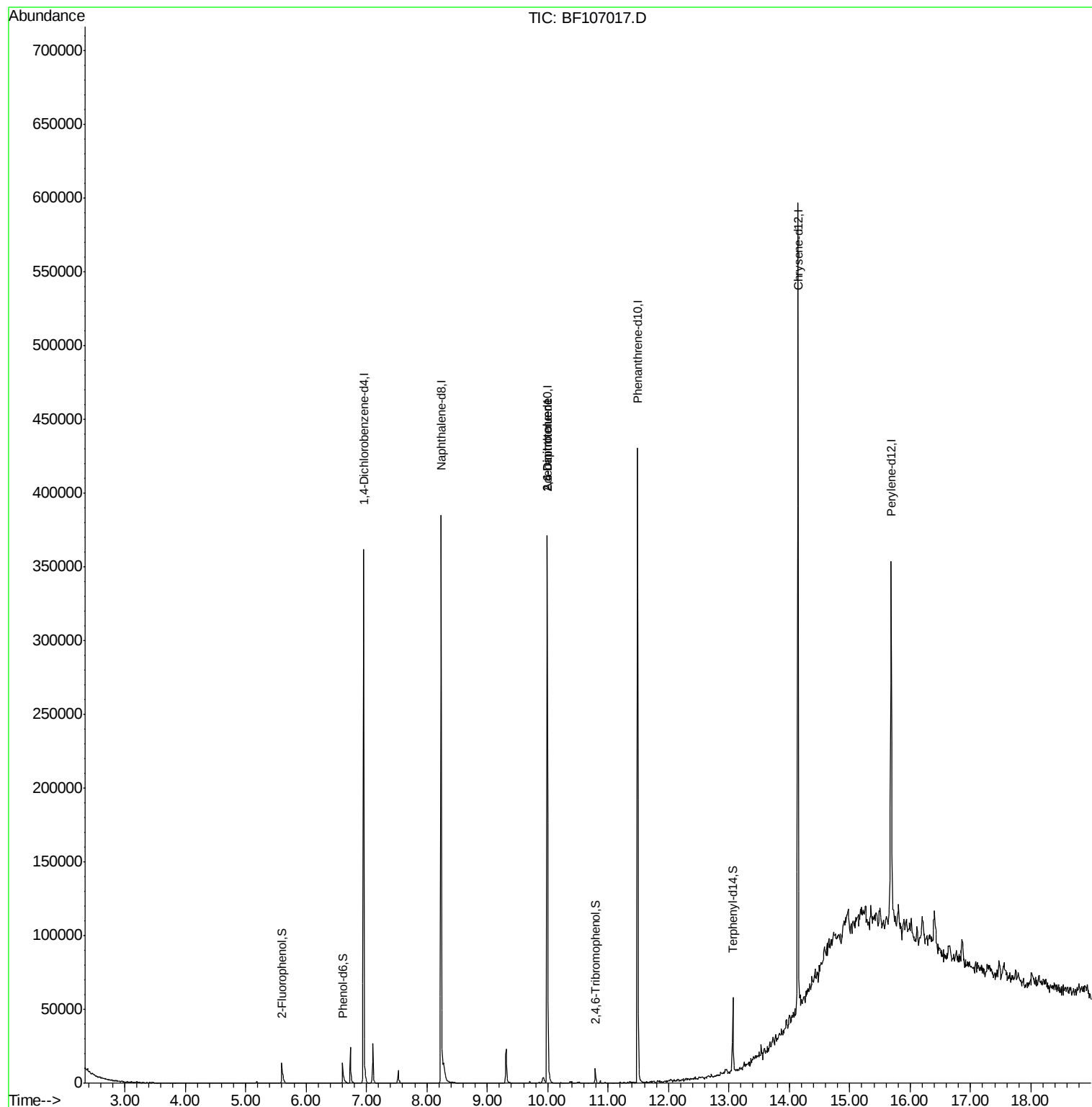
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	56912	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	203050	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	85794	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	179694	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	196137	20.00	ng	-0.02
86) Perylene-d12	15.68	264	126264	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	8431	2.51	ng	0.00
7) Phenol-d6	6.61	99	9731	2.32	ng	0.00
23) Nitrobenzene-d5	7.52	82	5215	1.43	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	2404	2.42	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	13544	-14.62	ng	-0.01
78) Terphenyl-d14	13.07	244	19975	2.47	ng	-0.02
Target Compounds						
50) 2,6-Dinitrotoluene	10.00	165	10664	7.826	ng	# 24
56) 2,4-Dinitrotoluene	10.00	165	10664	5.996	ng	# 21

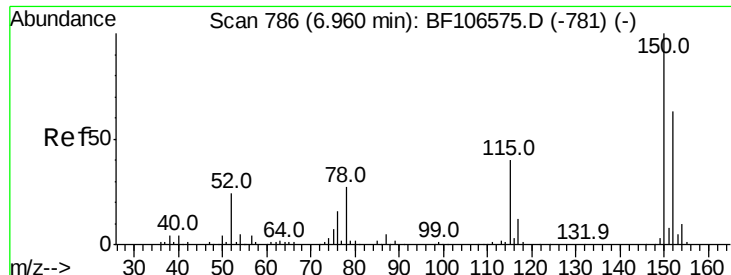
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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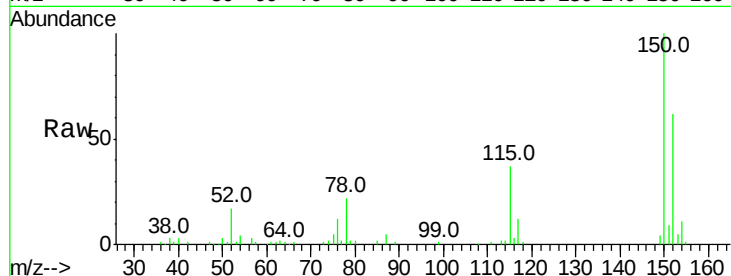


#1

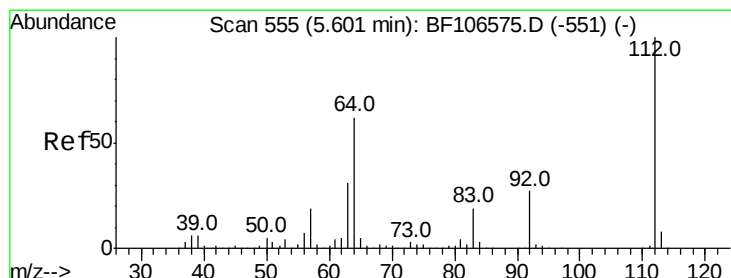
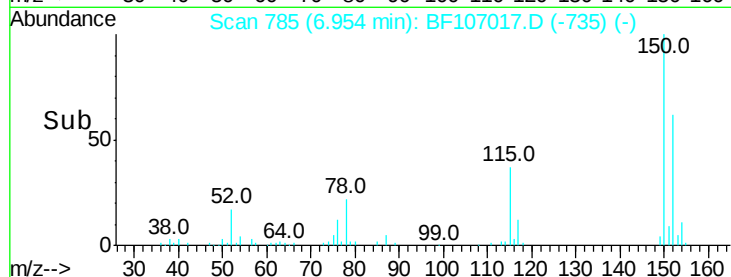
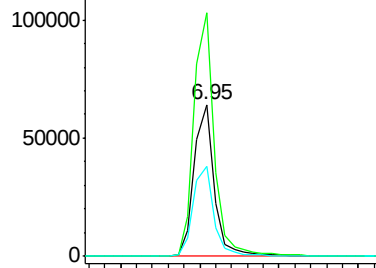
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107017.D
Acq: 30 Jun 2018 16:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 56912
Ion Ratio Lower Upper
152 100
150 160.1 124.6 186.8
115 59.5 50.1 75.1



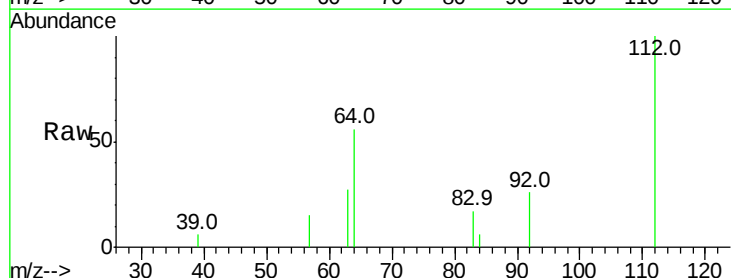
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



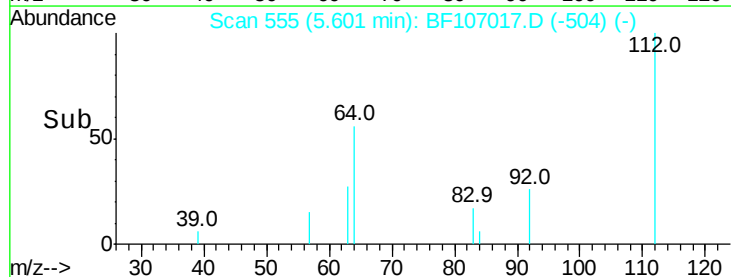
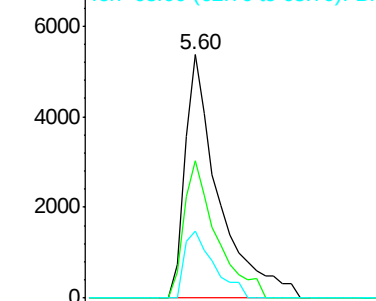
#5

2-Fluorophenol
Concen: 2.508 ng
RT: 5.60 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF107017.D
Acq: 30 Jun 2018 16:22

Tgt Ion:112 Resp: 8431
Ion Ratio Lower Upper
112 100
64 56.5 47.9 71.9
63 27.4 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: 2.318 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF107017.D

Acq: 30 Jun 2018 16:22

Instrument :

BNA_F

ClientSampleId :

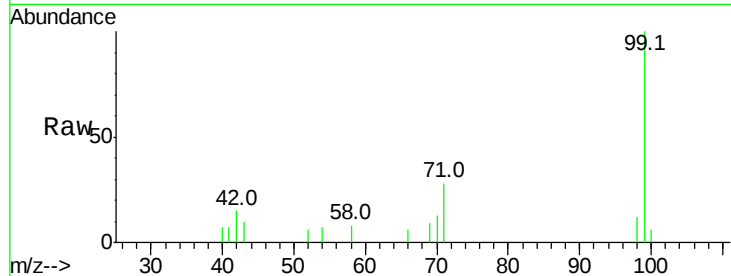
Tot Ion: 99 Resp: 9731

Ion Ratio Lower Upper

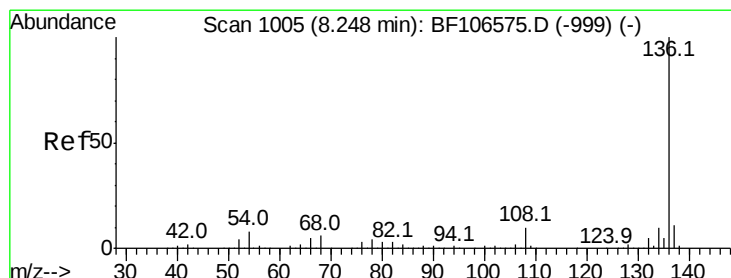
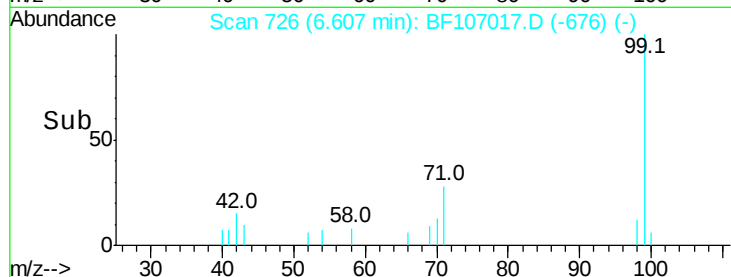
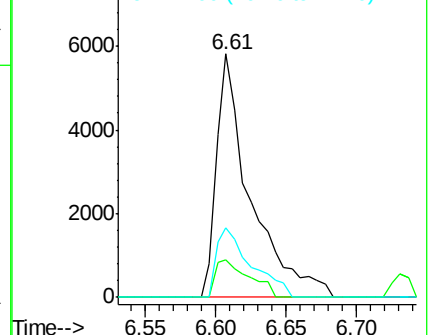
99 100

42 15.3 14.5 21.7

71 28.4 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF107017.D

Acq: 30 Jun 2018 16:22

Tgt Ion: 136 Resp: 203050

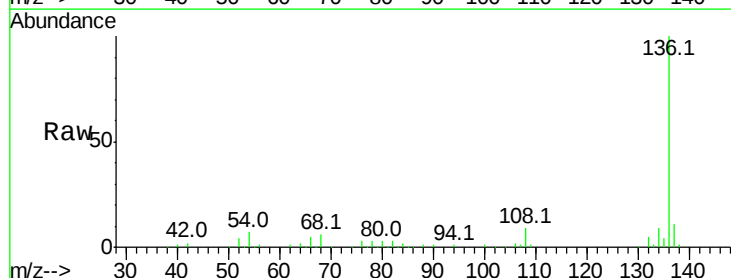
Ion Ratio Lower Upper

136 100

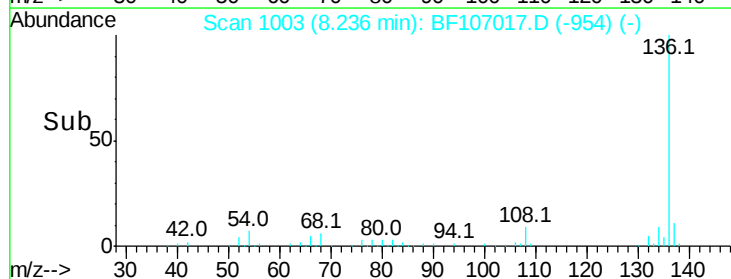
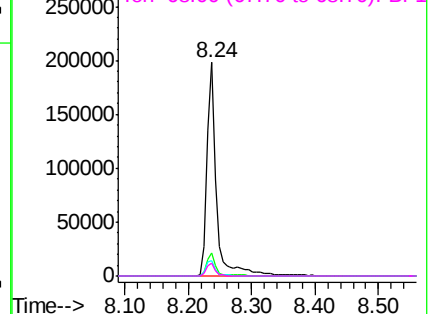
137 10.8 8.9 13.3

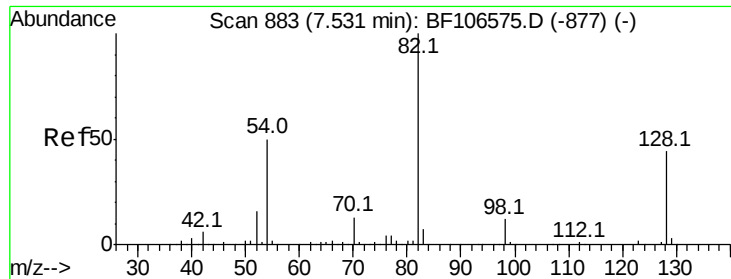
54 7.5 6.6 9.8

68 6.1 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

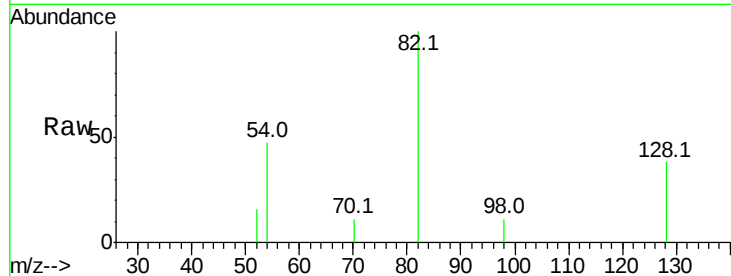




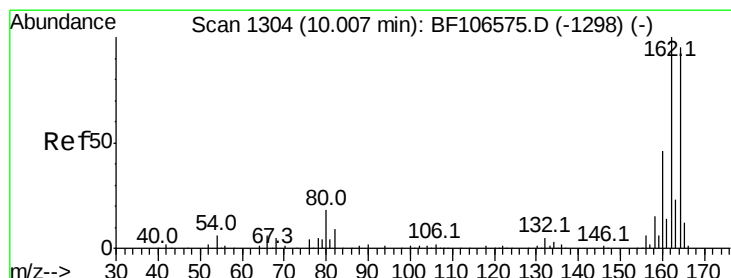
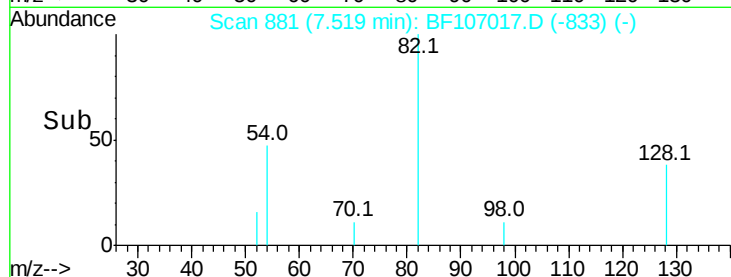
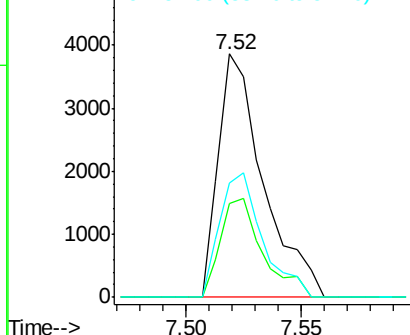
#23
 Nitrobenzene-d5
 Concen: 1.427 ng
 RT: 7.52 min Scan# 881
 Delta R.T. -0.02 min
 Lab File: BF107017.D
 Acq: 30 Jun 2018 16:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	5215
Ion Ratio	Lower	Upper	
82	100		
128	38.4	36.1	54.1
54	46.8	41.4	62.2

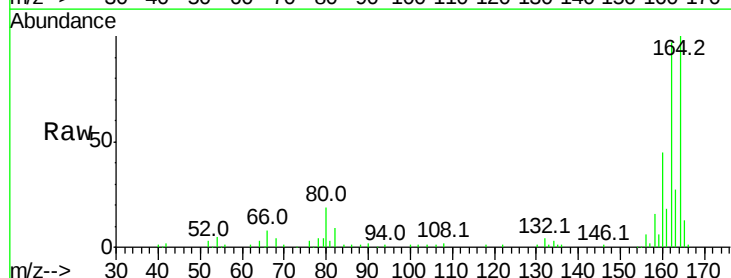


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

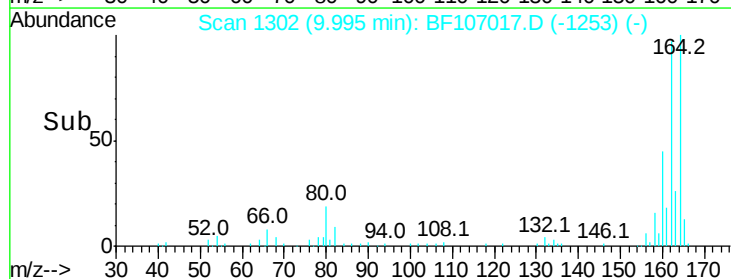
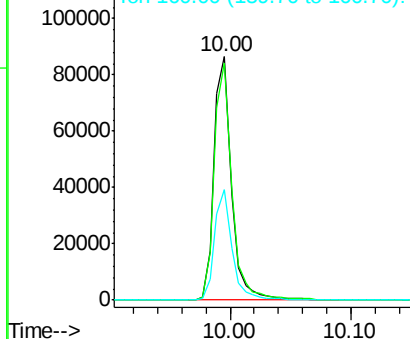


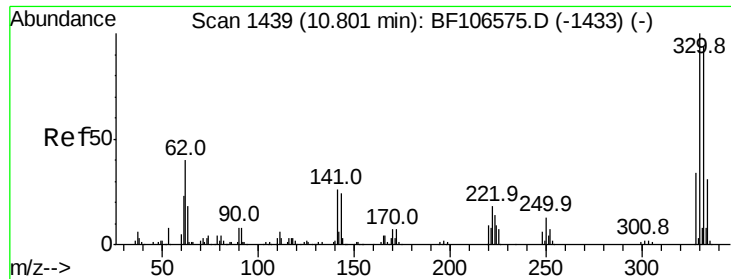
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF107017.D
 Acq: 30 Jun 2018 16:22

Tgt Ion	164	Resp	85794
Ion Ratio	Lower	Upper	
164	100		
162	97.2	86.1	129.1
160	45.2	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

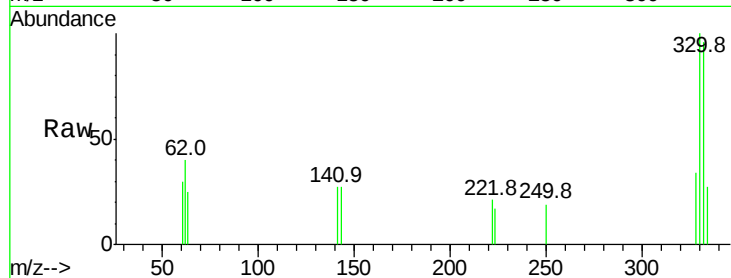




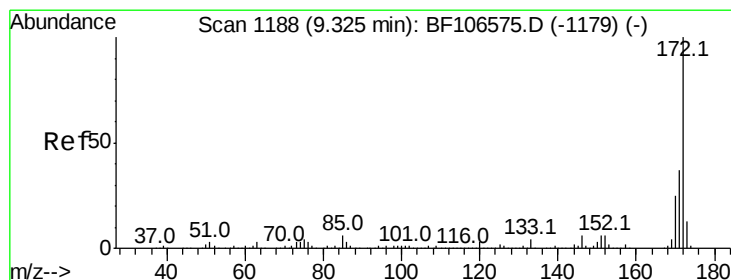
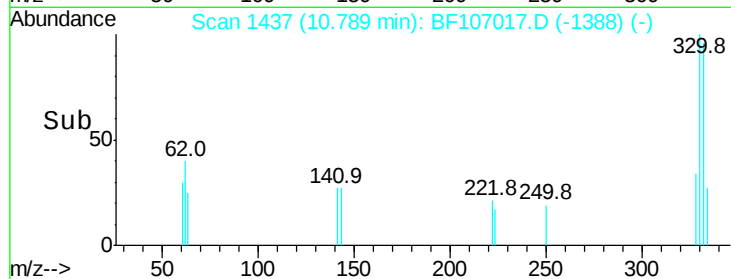
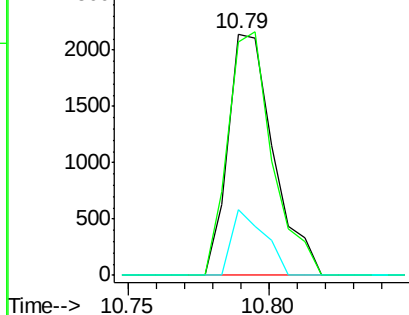
#41
 2,4,6-Tribromophenol
 Concen: 2.418 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF107017.D
 Acq: 30 Jun 2018 16:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 2404
 Ion Ratio Lower Upper
 330 100
 332 98.5 77.0 115.6
 141 19.6 29.9 44.9#

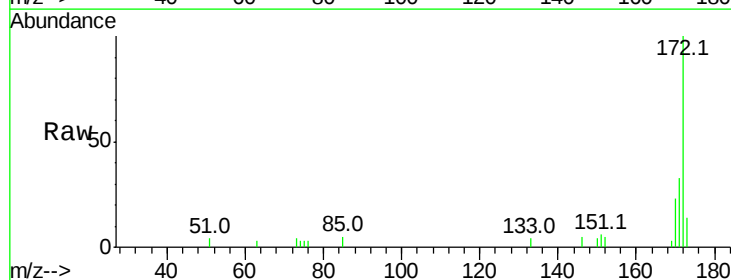


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

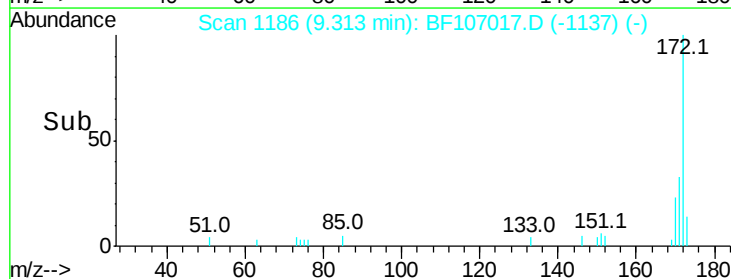
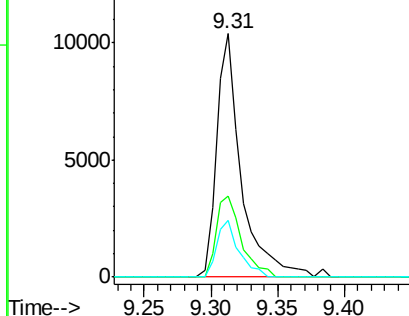


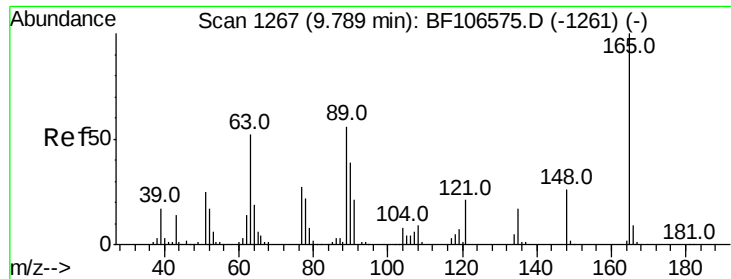
#44
 2-Fluorobiphenyl
 Concen: -14.615 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF107017.D
 Acq: 30 Jun 2018 16:22

Tgt Ion:172 Resp: 13544
 Ion Ratio Lower Upper
 172 100
 171 33.2 29.7 44.5
 170 23.1 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

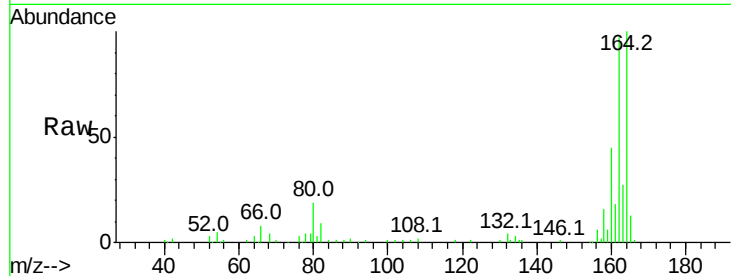




#50
 2,6-Dinitrotoluene
 Concen: 7.826 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. 0.20 min
 Lab File: BF107017.D
 Acq: 30 Jun 2018 16:22

Instrument :
 BNA_F
 ClientSampled :

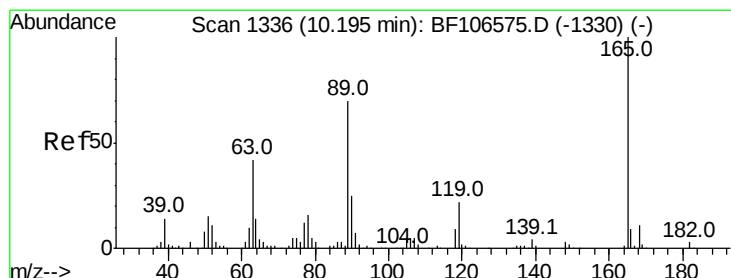
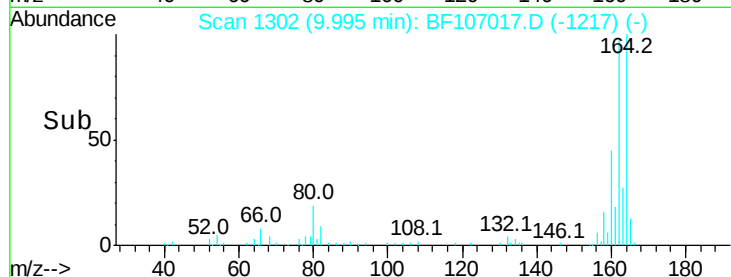
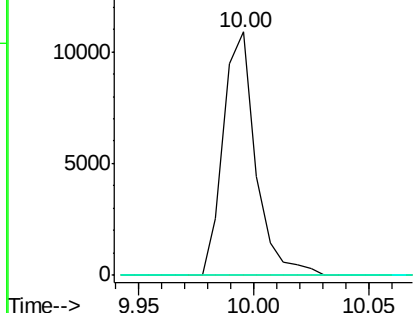
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



Abundance Ion 165.00 (164.70 to 165.70): E

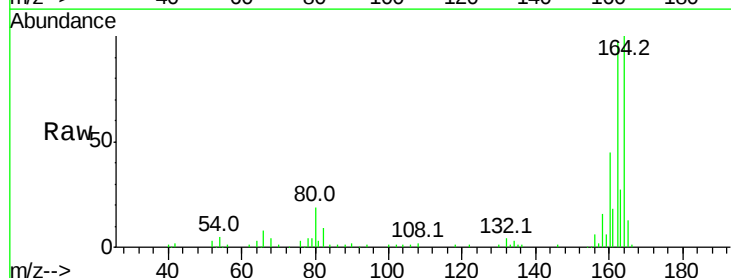
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#56
 2,4-Dinitrotoluene
 Concen: 5.996 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. -0.21 min
 Lab File: BF107017.D
 Acq: 30 Jun 2018 16:22

Tgt 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#

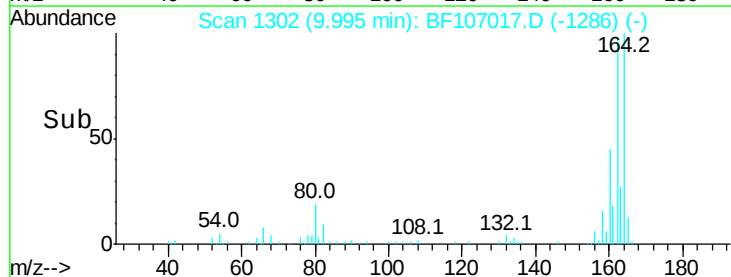
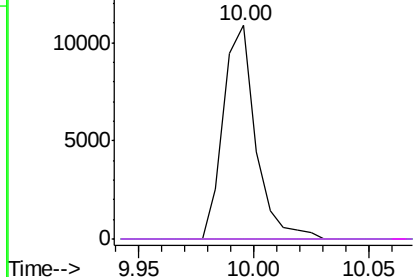


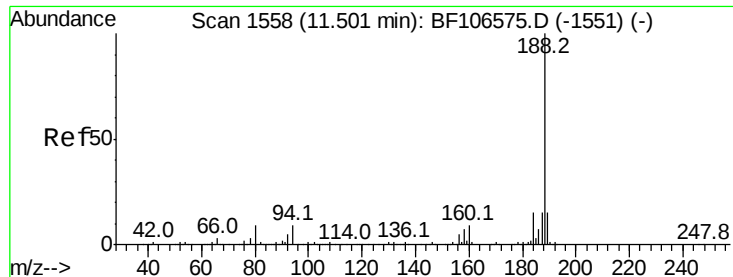
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.49 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF107017.D

Acq: 30 Jun 2018 16:22

Instrument :

BNA_F

ClientSampleId :

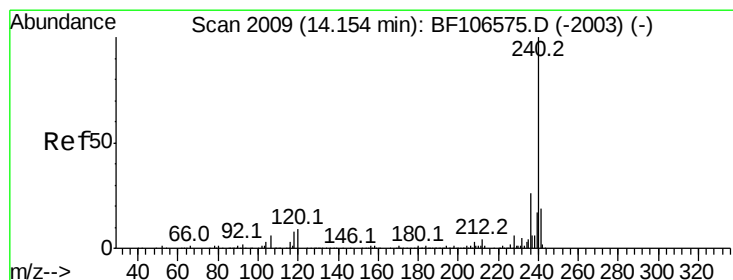
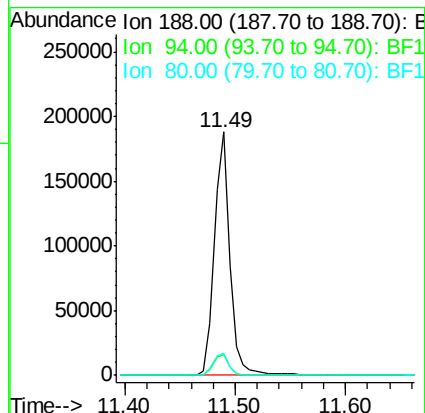
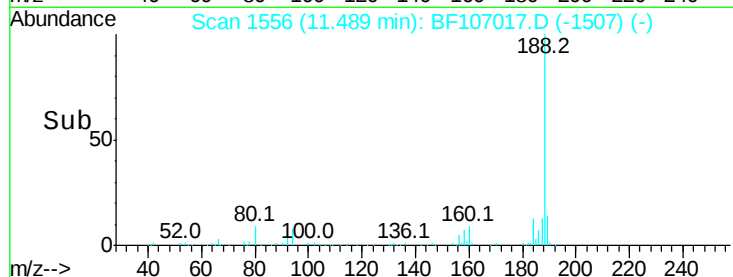
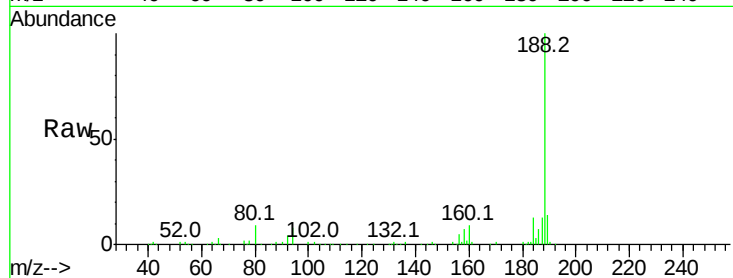
Tot Ion:188 Resp: 179694

Ion Ratio Lower Upper

188 100

94 8.5 8.5 12.7

80 9.1 9.2 13.8#



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BF107017.D

Acq: 30 Jun 2018 16:22

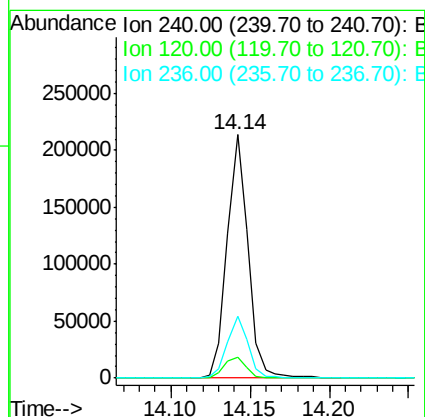
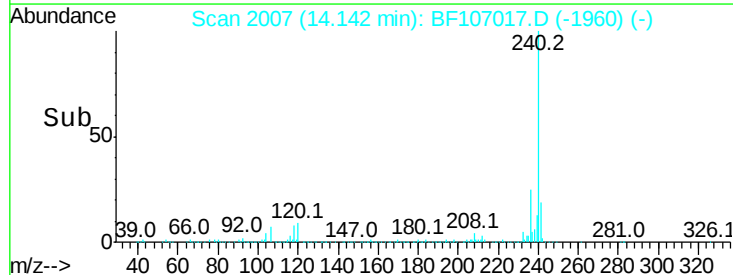
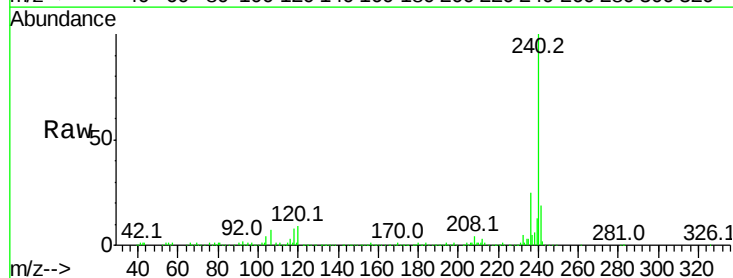
Tgt Ion:240 Resp: 196137

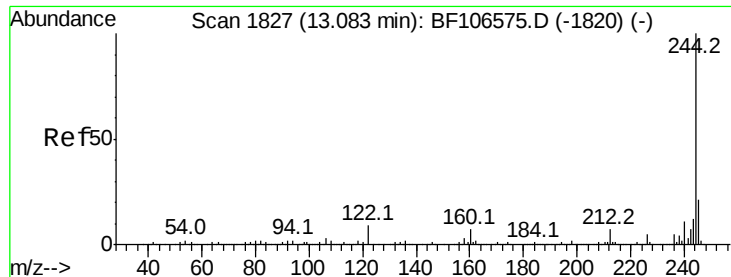
Ion Ratio Lower Upper

240 100

120 8.7 9.5 14.3#

236 25.4 20.7 31.1

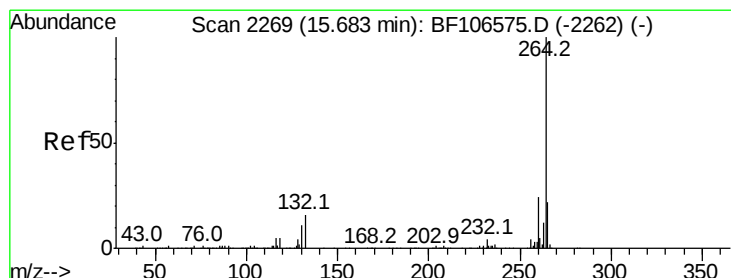
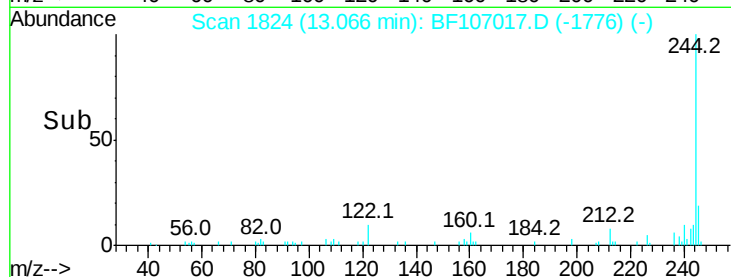
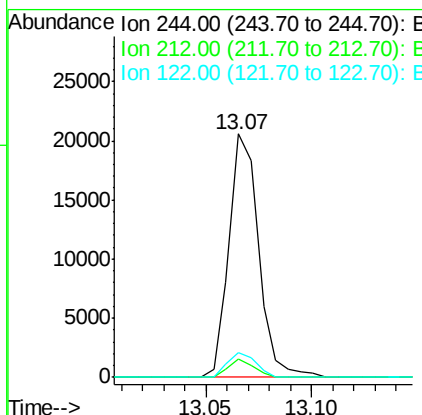
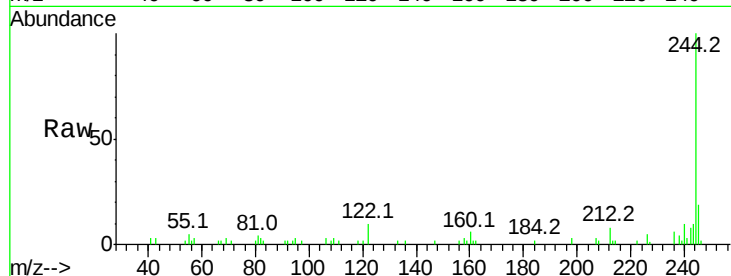




#78
 Terphenyl-d14
 Concen: 2.467 ng
 RT: 13.07 min Scan# 1824
 Delta R.T. -0.02 min
 Lab File: BF107017.D
 Acq: 30 Jun 2018 16:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 19975
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.4 8.0
 122 9.9 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2269
 Delta R.T. -0.04 min
 Lab File: BF107017.D
 Acq: 30 Jun 2018 16:22

Tgt Ion:264 Resp: 126264
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 22.5 17.5 26.3

