

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 :
 062818-TIPC-F-D-B

Quant Time: Jul 06 05:28:05 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

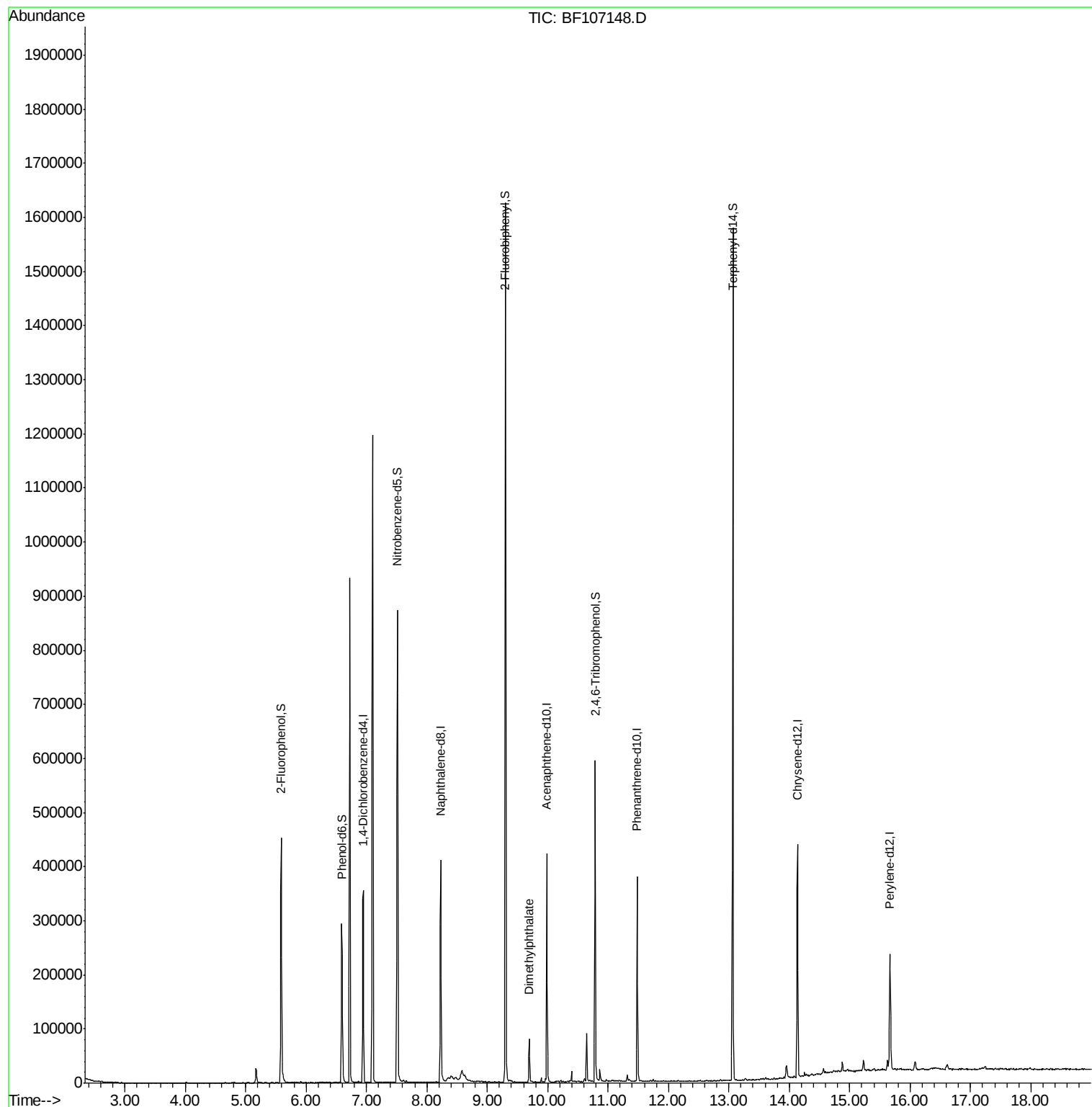
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	55691	20.00	ng	-0.01
21) Naphthalene-d8	8.23	136	199230	20.00	ng	-0.02
38) Acenaphthene-d10	9.99	164	87120	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	150766	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	161017	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						
49) Dimethylphthalate	9.70	163	36451	5.579	ng	Qvalue # 97

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

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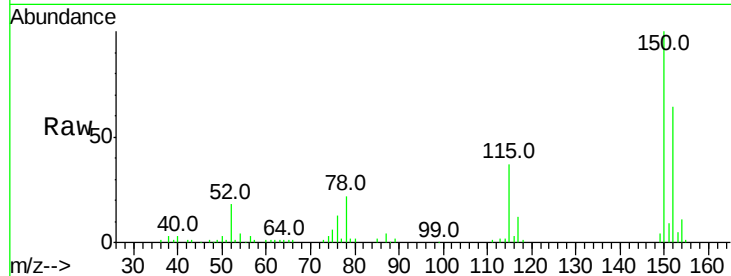


#1

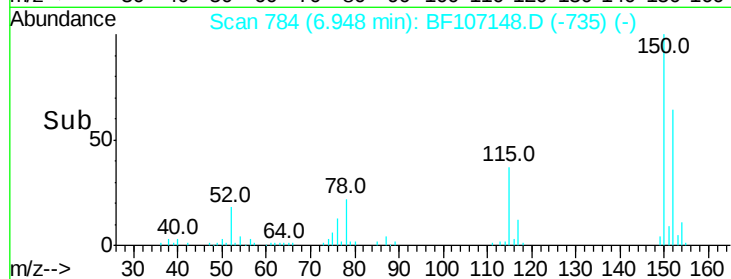
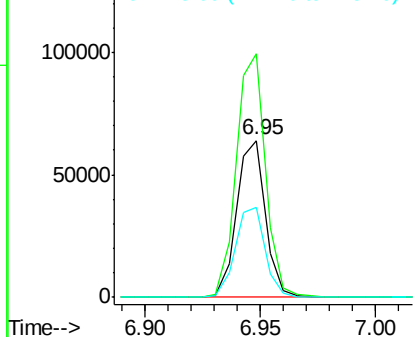
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 784
 Delta R.T. -0.01 min
 Lab File: BF107148.D
 Acq: 6 Jul 2018 3:15

Instrument :
 BNA_F
 ClientSampleId :
 062818-TIPC-F-D-B

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



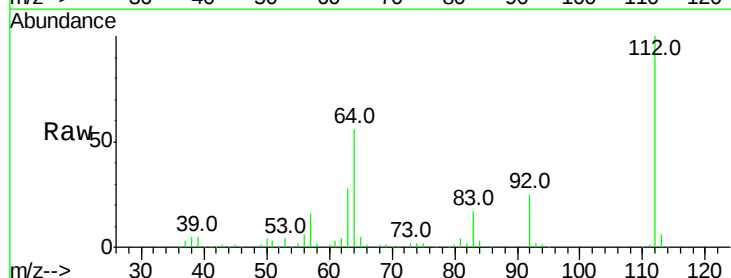
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



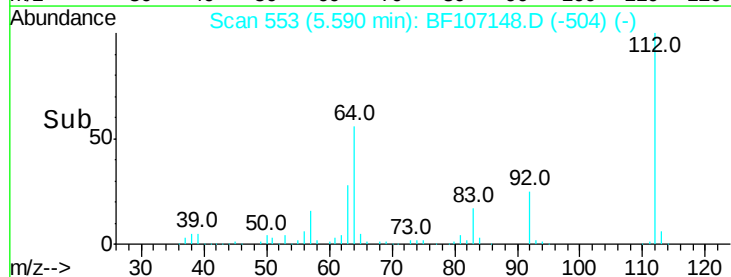
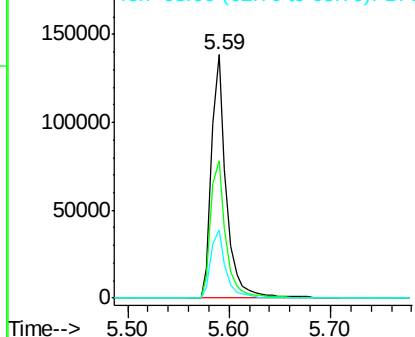
#5

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

ClientSampleId :

062818-TIPC-F-D-B

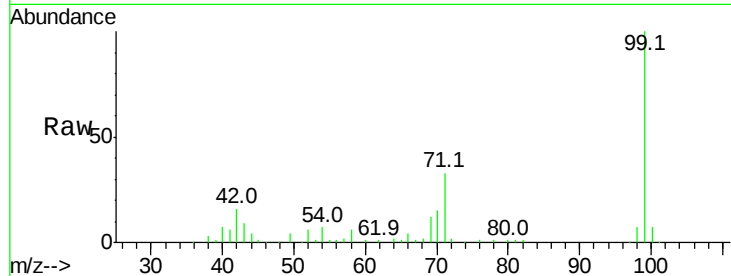
Tot Ion: 99 Resp: 114867

Ion Ratio Lower Upper

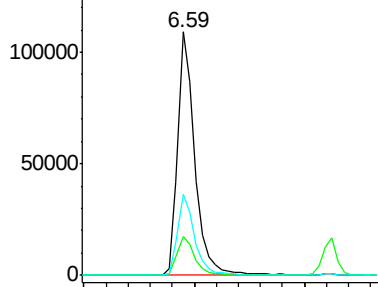
99 100

42 16.0 14.5 21.7

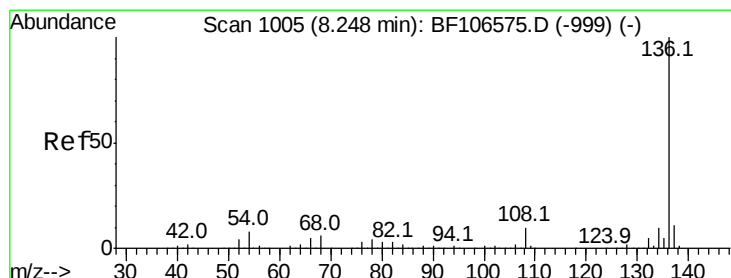
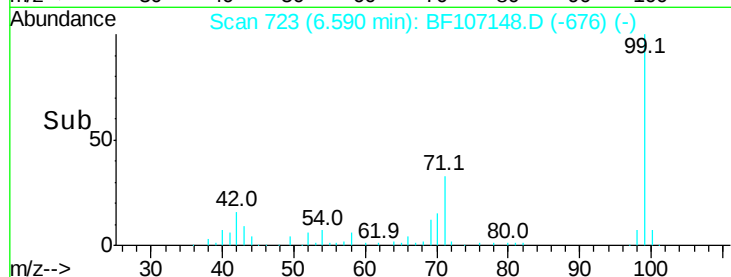
71 33.3 25.4 38.0



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



Time--> 6.50 6.60 6.70



#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

Tgt Ion: 136 Resp: 199230

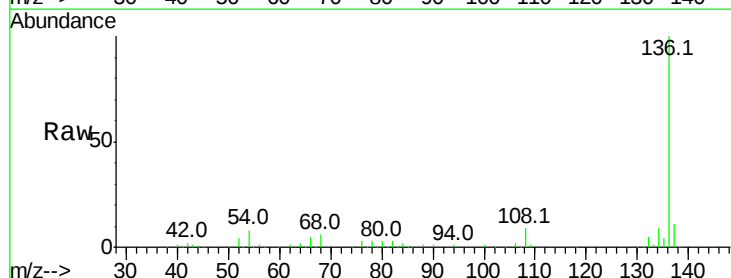
Ion Ratio Lower Upper

136 100

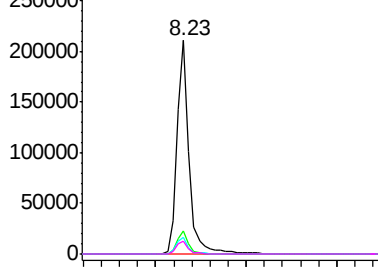
137 10.6 8.9 13.3

54 7.5 6.6 9.8

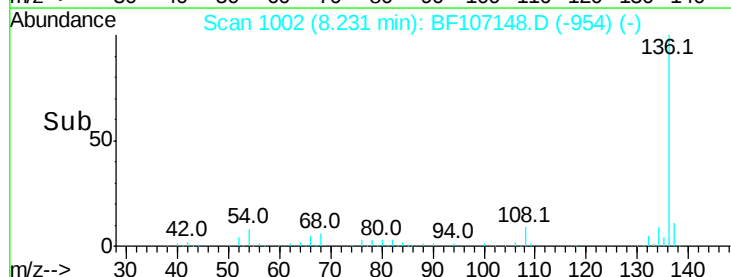
68 6.0 5.0 7.4



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



Time--> 8.20 8.30 8.40

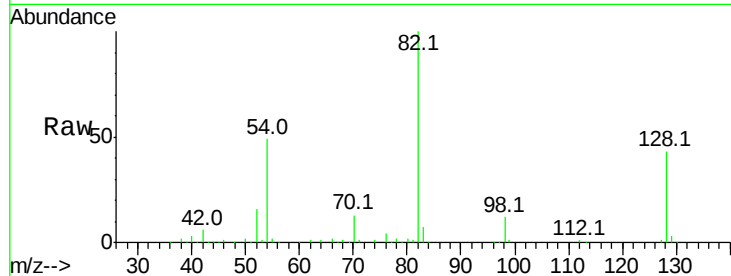




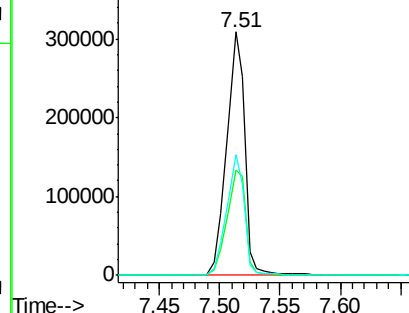
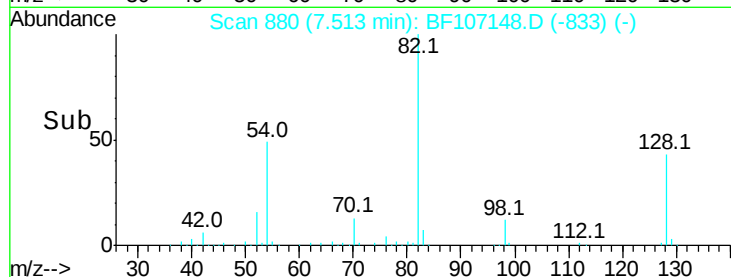
#23
 Nitrobenzene-d5
 Concen: 89.481 ng
 RT: 7.51 min Scan# 880
 Delta R.T. -0.02 min
 Lab File: BF107148.D
 Acq: 6 Jul 2018 3:15

Instrument :
 BNA_F
 ClientSampleId :
 062818-TIPC-F-D-B

Tot Ion	82	Resp	320787
Ion Ratio	Lower	Upper	
82	100		
128	43.5	36.1	54.1
54	49.4	41.4	62.2

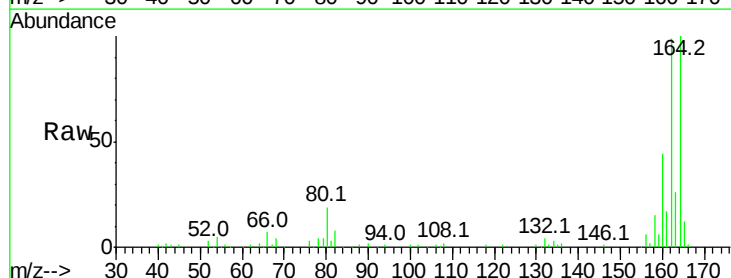


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

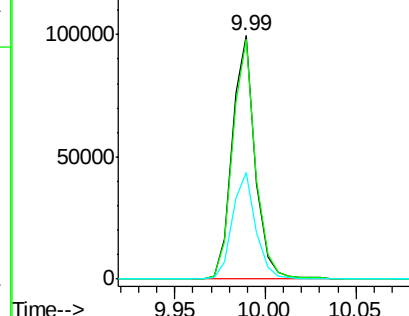
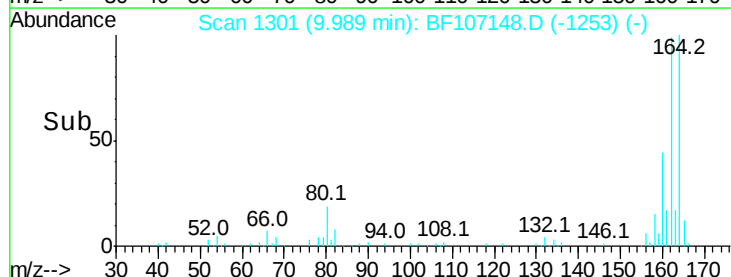


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1301
 Delta R.T. -0.02 min
 Lab File: BF107148.D
 Acq: 6 Jul 2018 3:15

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



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

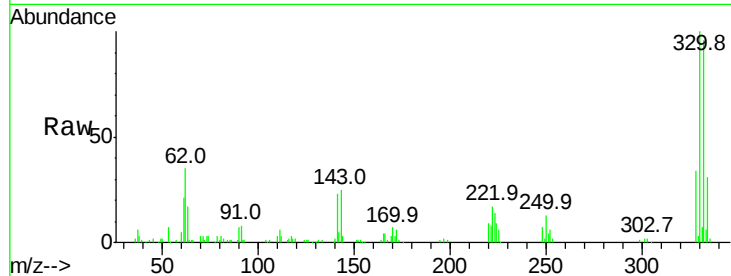




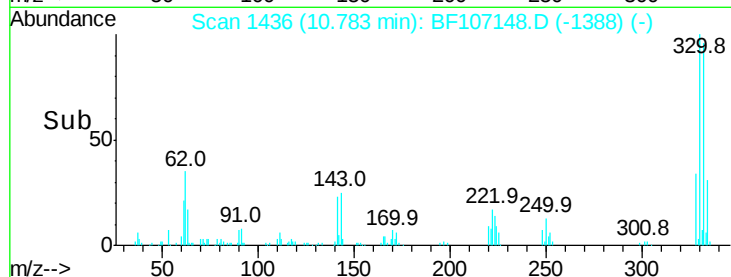
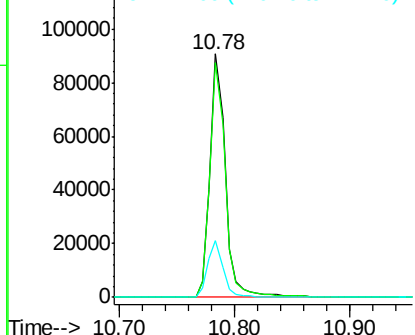
#41
 2,4,6-Tribromophenol
 Concen: 83.949 ng
 RT: 10.78 min Scan# 1436
 Delta R.T. -0.02 min
 Lab File: BF107148.D
 Acq: 6 Jul 2018 3:15

Instrument :
 BNA_F
 ClientSampleId :
 062818-TIPC-F-D-B

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#

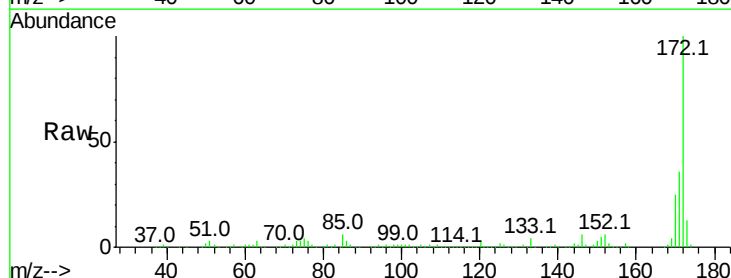


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

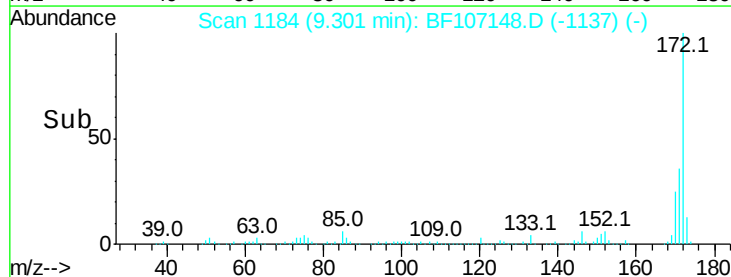
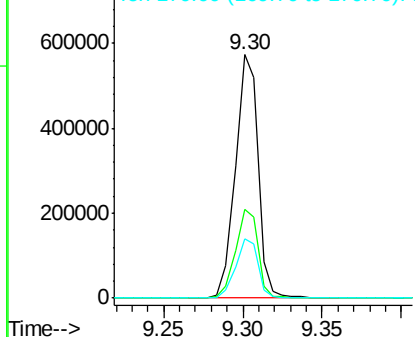


#44
 2-Fluorobiphenyl
 Concen: 115.863 ng
 RT: 9.30 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF107148.D
 Acq: 6 Jul 2018 3:15

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 :

062818-TIPC-F-D-B

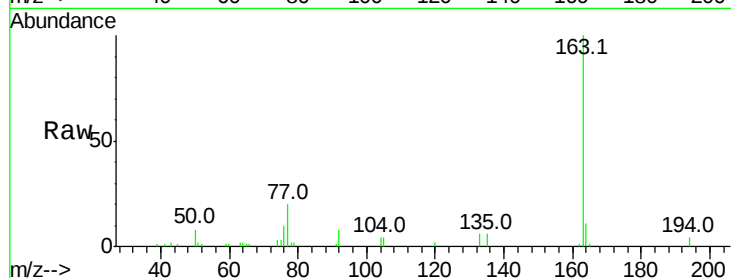
Tot Ion:163 Resp: 36451

Ion Ratio Lower Upper

163 100

194 4.4 2.7 4.1#

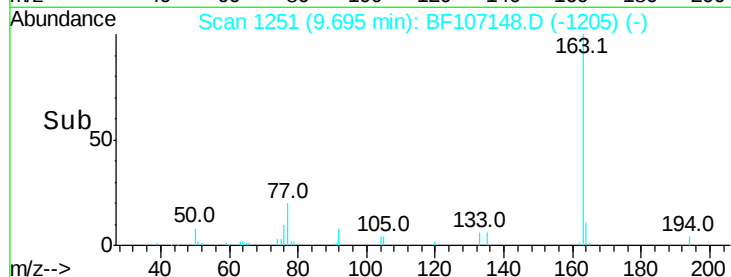
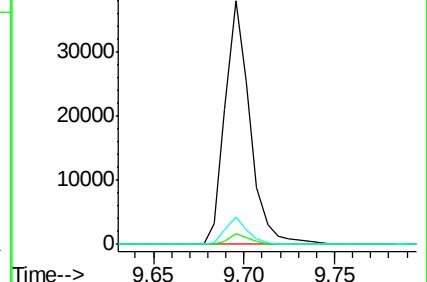
164 11.3 8.2 12.2



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



#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

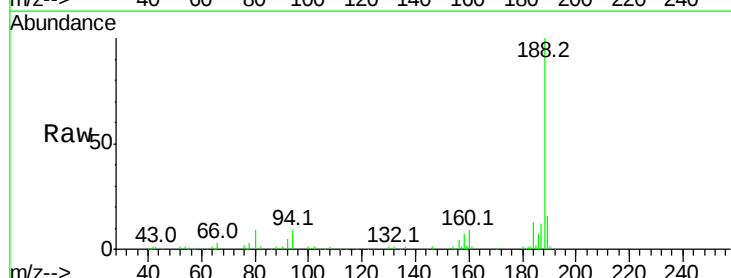
Tgt Ion:188 Resp: 150766

Ion Ratio Lower Upper

188 100

94 8.5 8.5 12.7

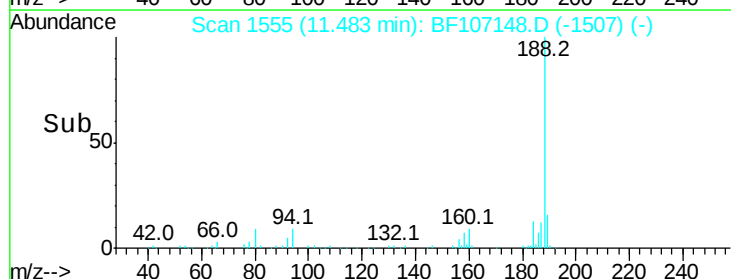
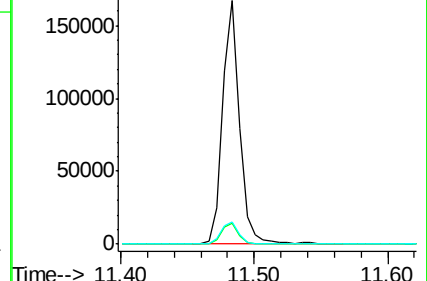
80 8.9 9.2 13.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#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

Instrument :

BNA_F

ClientSampleId :

062818-TIPC-F-D-B

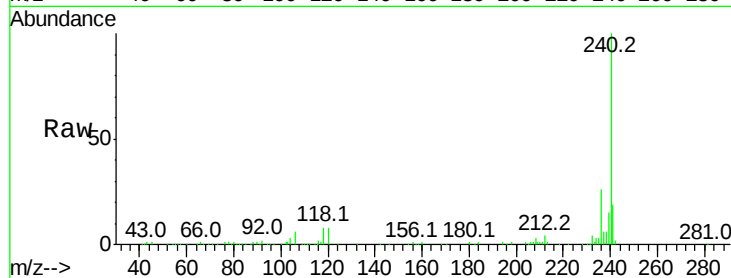
Tot Ion:240 Resp: 161017

Ion Ratio Lower Upper

240 100

120 8.5 9.5 14.3#

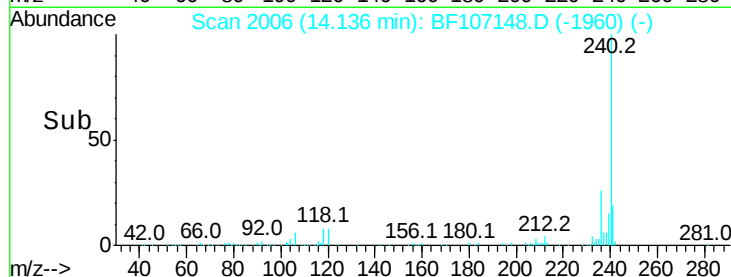
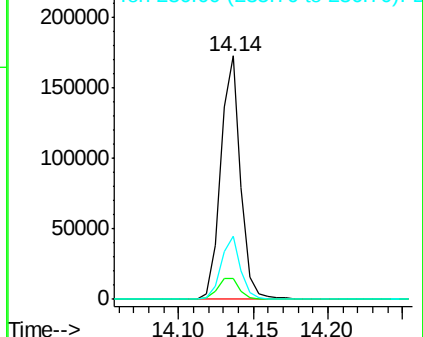
236 25.8 20.7 31.1



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

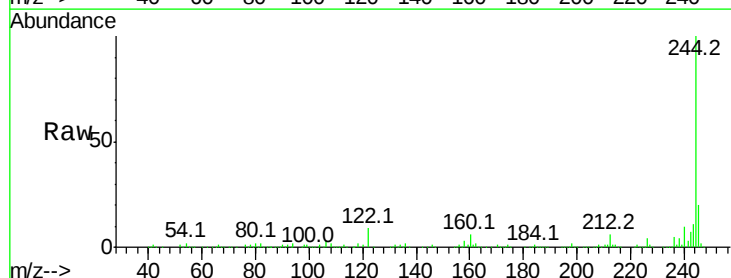
Tgt Ion:244 Resp: 598996

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

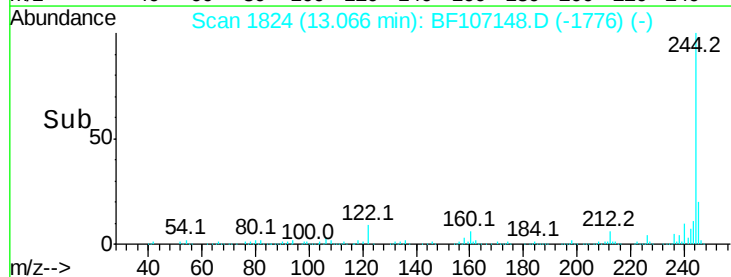
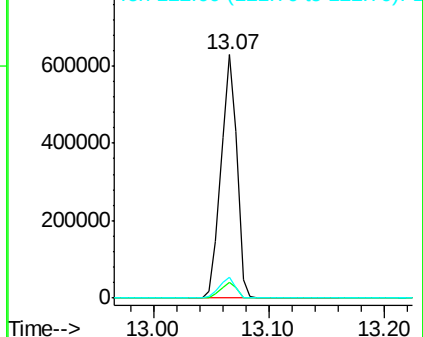
122 8.8 11.0 16.4#



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

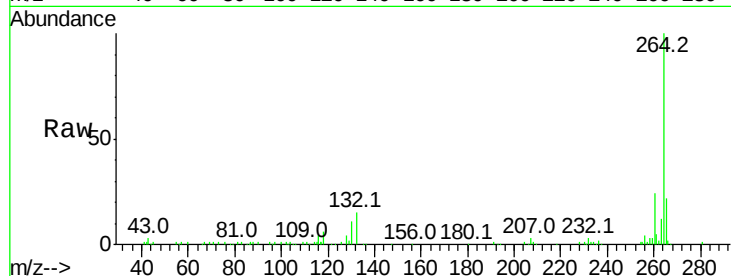




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2266
Delta R.T. -0.05 min
Lab File: BF107148.D
Acq: 6 Jul 2018 3:15

Instrument :
BNA_F
ClientSampleId :
062818-TIPC-F-D-B

Tot 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

