

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070618\
 Data File : BF107169.D
 Acq On : 6 Jul 2018 13:36
 Operator : JU/SJ
 Sample : PB110856BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110856BL

Quant Time: Jul 06 14:36:45 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	57017	20.00	ng	-0.02
21) Naphthalene-d8	8.22	136	225426	20.00	ng	-0.02
38) Acenaphthene-d10	9.98	164	121109	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	261390	20.00	ng	-0.02
75) Chrysene-d12	14.13	240	206659	20.00	ng	-0.04
86) Perylene-d12	15.67	264	158747	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	385437	114.47	ng	0.00
7) Phenol-d6	6.59	99	480672	114.31	ng	-0.02
23) Nitrobenzene-d5	7.51	82	310865	76.64	ng	-0.02
41) 2,4,6-Tribromophenol	10.78	330	179065	127.57	ng	-0.02
44) 2-Fluorobiphenyl	9.30	172	606137	84.65	ng	-0.02
78) Terphenyl-d14	13.07	244	780499	91.48	ng	-0.02

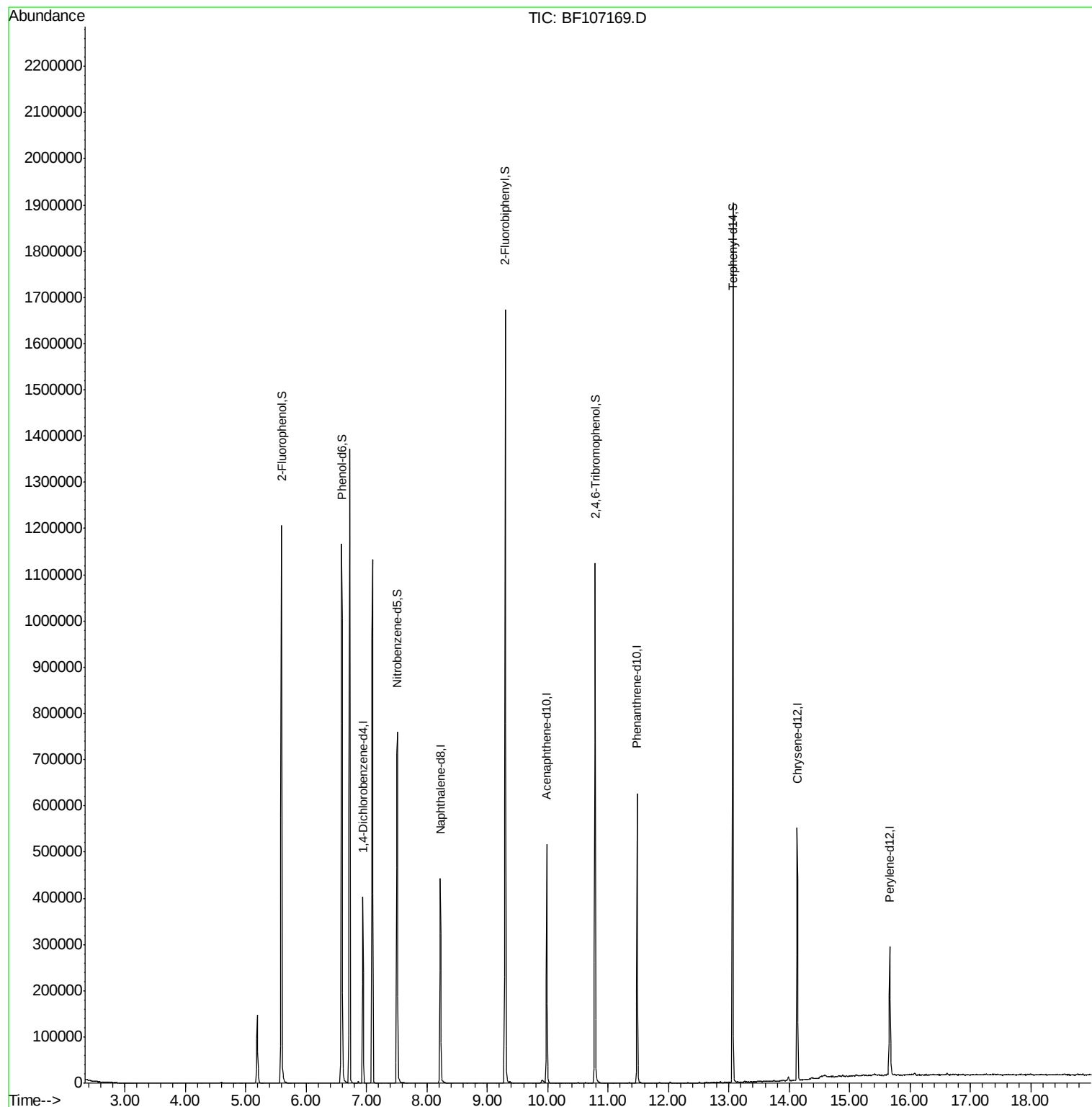
Target Compounds Qvalue

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

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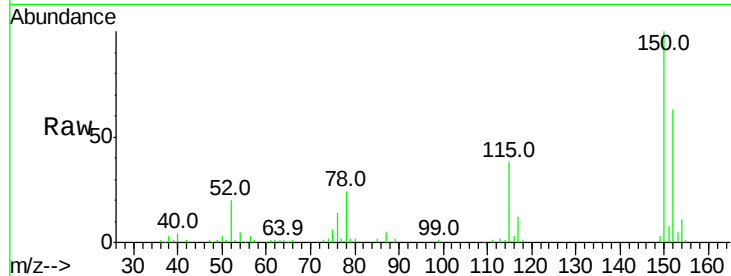


#1

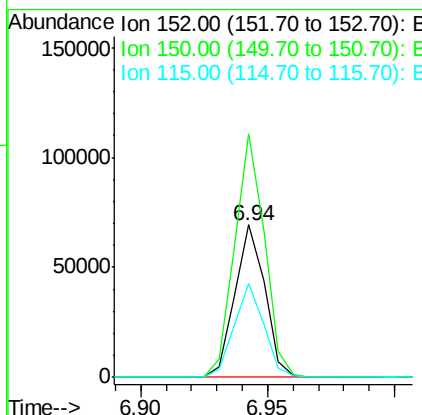
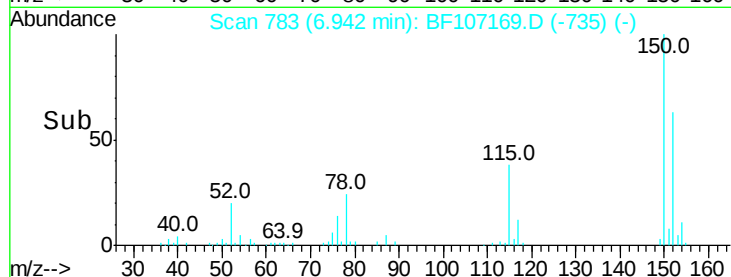
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 783
Delta R.T. -0.02 min
Lab File: BF107169.D
Acq: 6 Jul 2018 13:36

Instrument :
BNA_F
ClientSampleId :
PB110856BL

Tot Ion:152 Resp: 57017
Ion Ratio Lower Upper
152 100
150 159.6 124.6 186.8
115 61.4 50.1 75.1



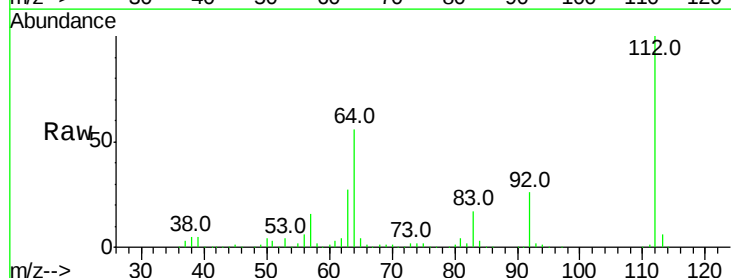
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



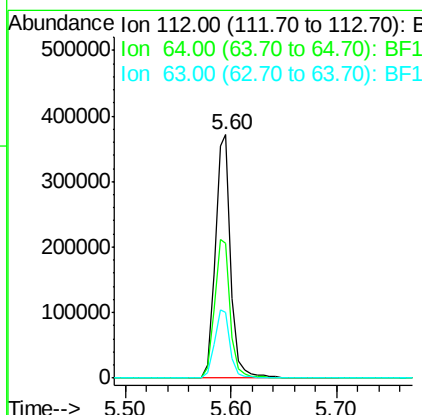
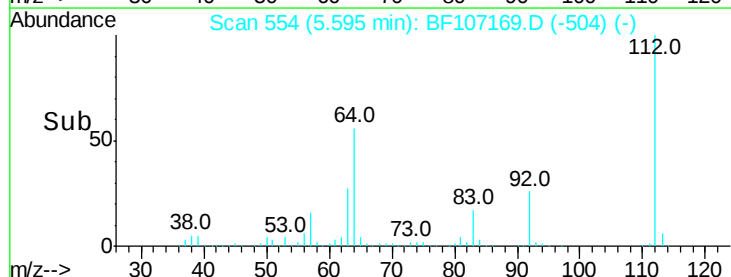
#5

2-Fluorophenol
Concen: 114.469 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107169.D
Acq: 6 Jul 2018 13:36

Tgt Ion:112 Resp: 385437
Ion Ratio Lower Upper
112 100
64 55.5 47.9 71.9
63 27.1 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: 114.311 ng

RT: 6.59 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF107169.D

Acq: 6 Jul 2018 13:36

Instrument :

BNA_F

ClientSampleId :

PB110856BL

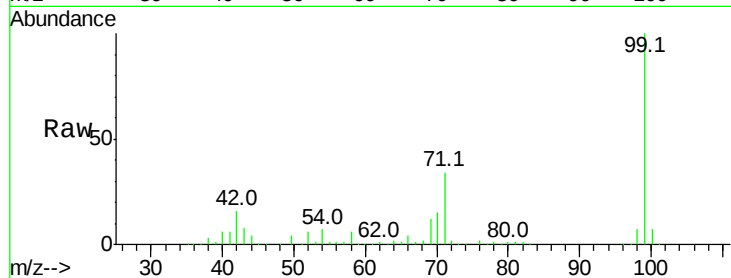
Tot Ion: 99 Resp: 480672

Ion Ratio Lower Upper

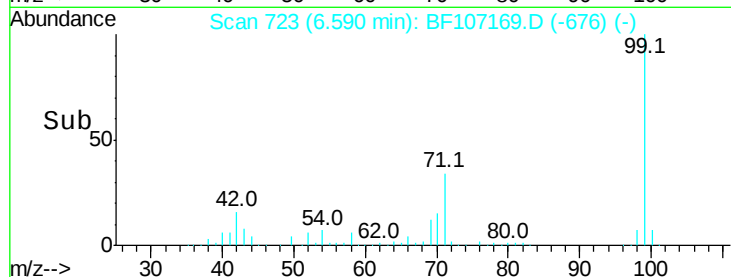
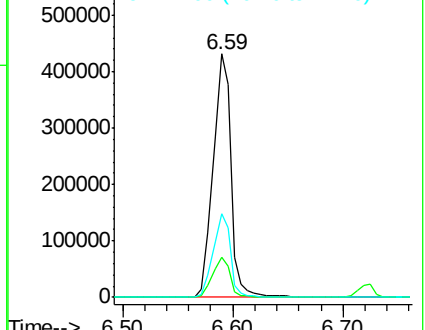
99 100

42 16.3 14.5 21.7

71 34.3 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.22 min Scan# 1001

Delta R.T. -0.02 min

Lab File: BF107169.D

Acq: 6 Jul 2018 13:36

Tgt Ion: 136 Resp: 225426

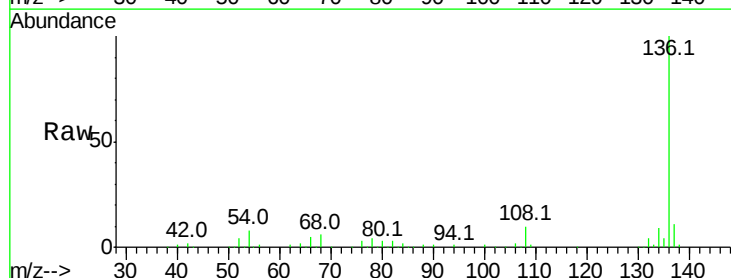
Ion Ratio Lower Upper

136 100

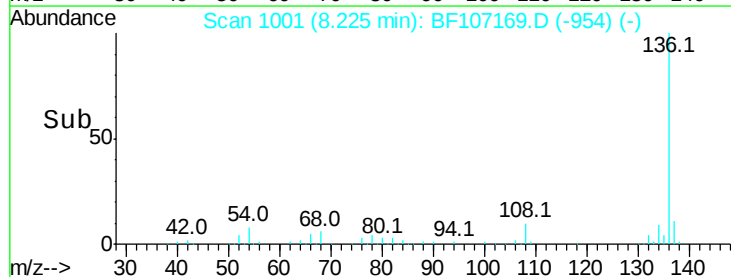
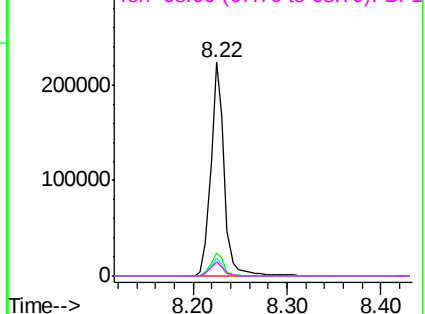
137 11.0 8.9 13.3

54 8.3 6.6 9.8

68 6.4 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: 76.637 ng

RT: 7.51 min Scan# 880

Delta R.T. -0.02 min

Lab File: BF107169.D

Acq: 6 Jul 2018 13:36

Instrument :

BNA_F

ClientSampleId :

PB110856BL

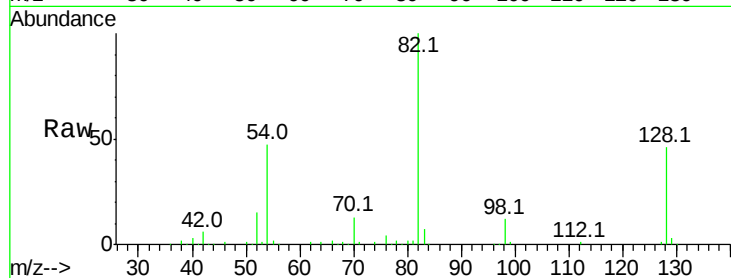
Tot Ion: 82 Resp: 310865

Ion Ratio Lower Upper

82 100

128 45.8 36.1 54.1

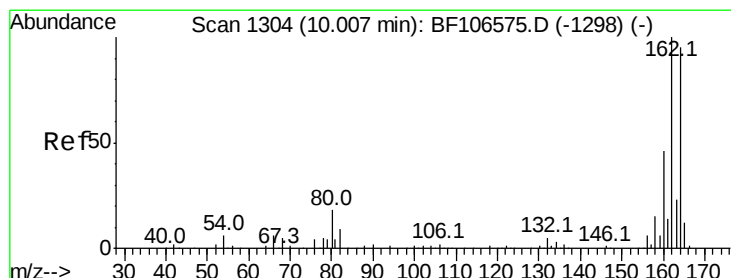
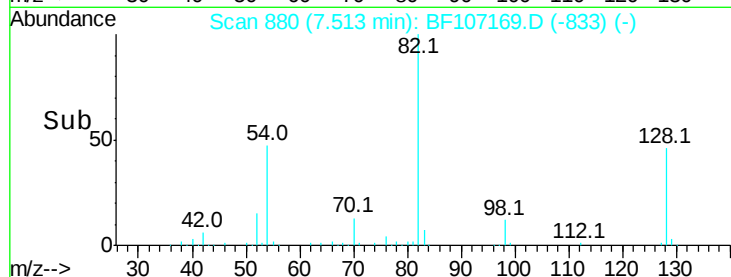
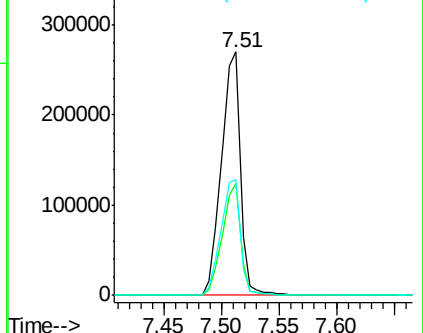
54 47.3 41.4 62.2



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: 9.98 min Scan# 1300

Delta R.T. -0.02 min

Lab File: BF107169.D

Acq: 6 Jul 2018 13:36

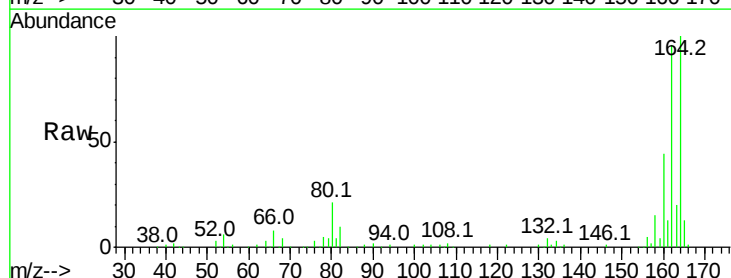
Tgt Ion:164 Resp: 121109

Ion Ratio Lower Upper

164 100

162 96.3 86.1 129.1

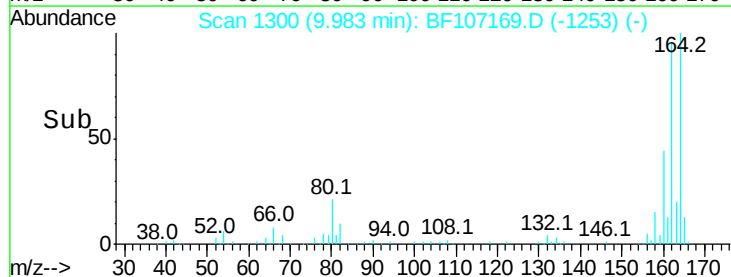
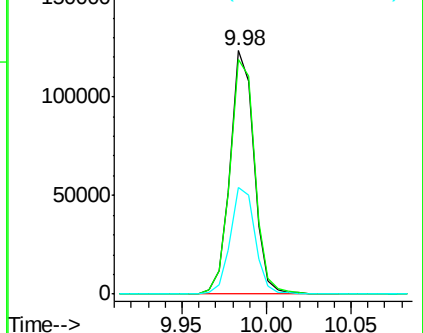
160 43.8 38.3 57.5



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

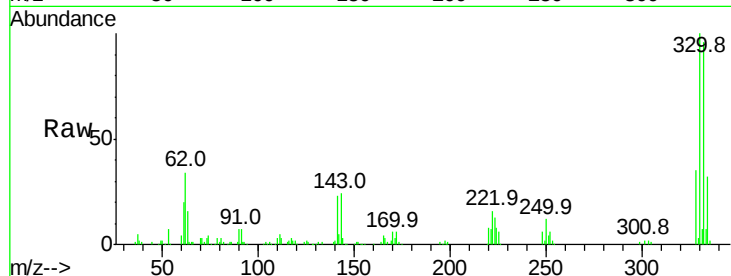




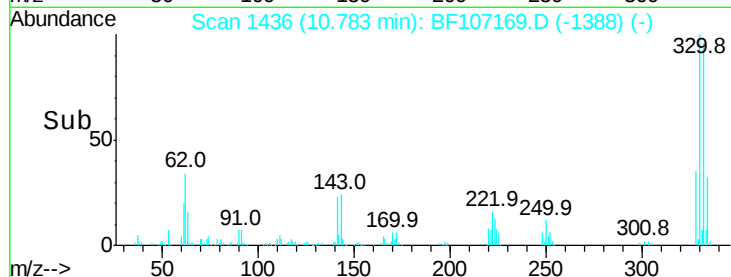
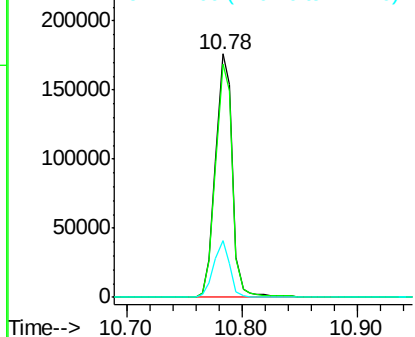
#41
 2,4,6-Tribromophenol
 Concen: 127.568 ng
 RT: 10.78 min Scan# 1436
 Delta R.T. -0.02 min
 Lab File: BF107169.D
 Acq: 6 Jul 2018 13:36

Instrument :
 BNA_F
 ClientSampleId :
 PB110856BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	22.3	29.9	44.9#

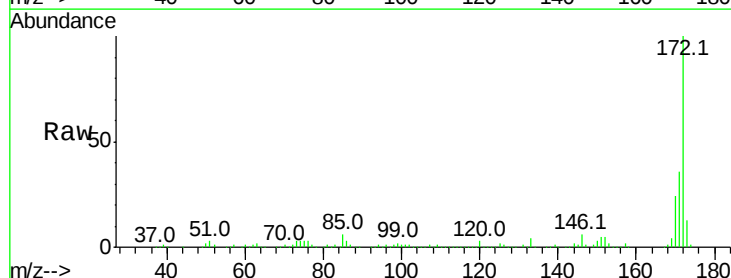


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

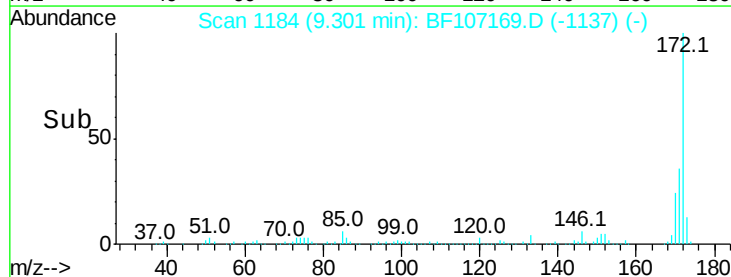
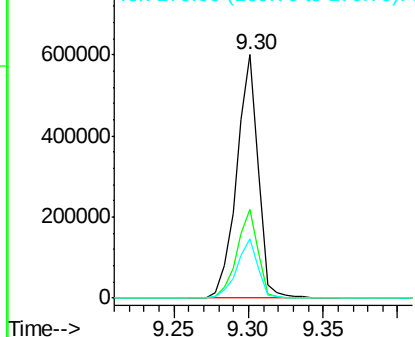


#44
 2-Fluorobiphenyl
 Concen: 84.654 ng
 RT: 9.30 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF107169.D
 Acq: 6 Jul 2018 13:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.2	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

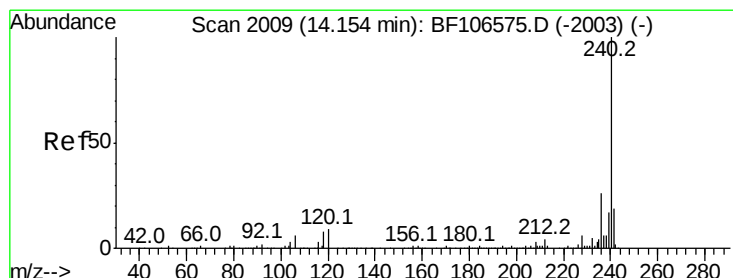
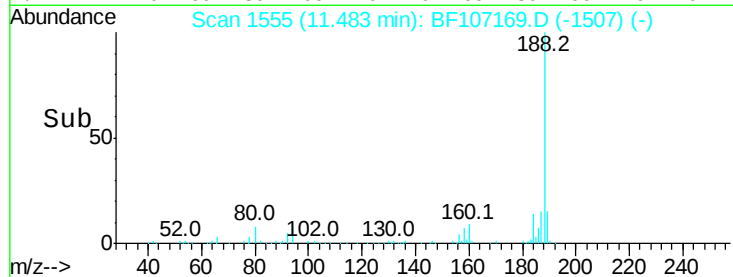
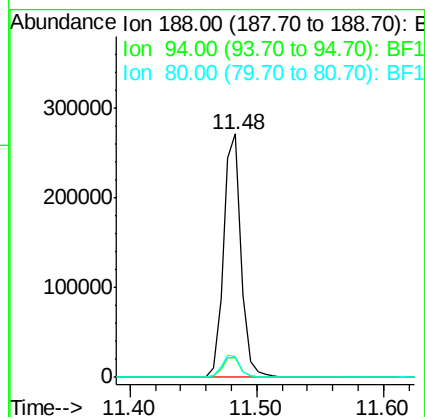
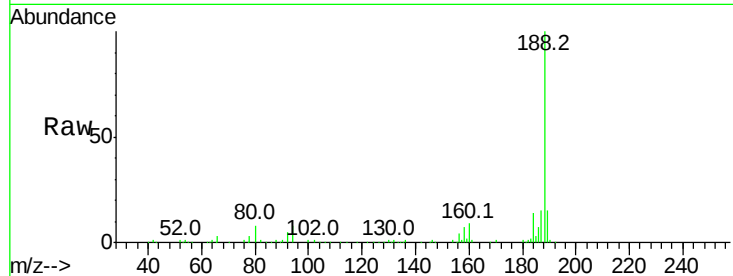




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1555
 Delta R.T. -0.02 min
 Lab File: BF107169.D
 Acq: 6 Jul 2018 13:36

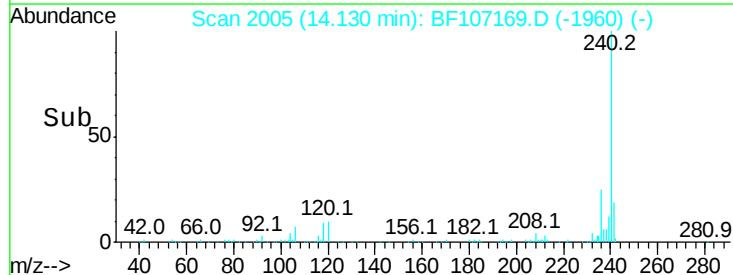
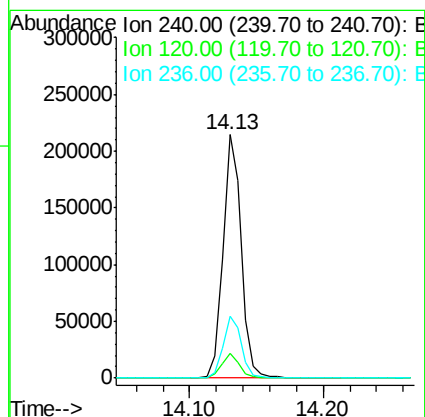
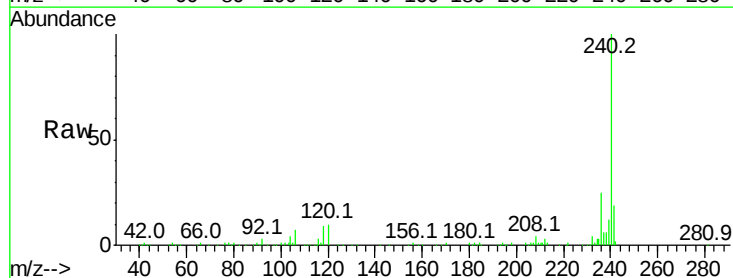
Instrument :
 BNA_F
 ClientSampleId :
 PB110856BL

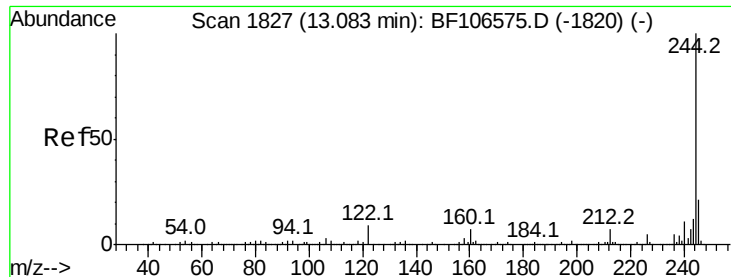
Tot Ion:188 Resp: 261390
 Ion Ratio Lower Upper
 188 100
 94 8.2 8.5 12.7#
 80 8.3 9.2 13.8#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2005
 Delta R.T. -0.04 min
 Lab File: BF107169.D
 Acq: 6 Jul 2018 13:36

Tgt Ion:240 Resp: 206659
 Ion Ratio Lower Upper
 240 100
 120 10.3 9.5 14.3
 236 25.4 20.7 31.1

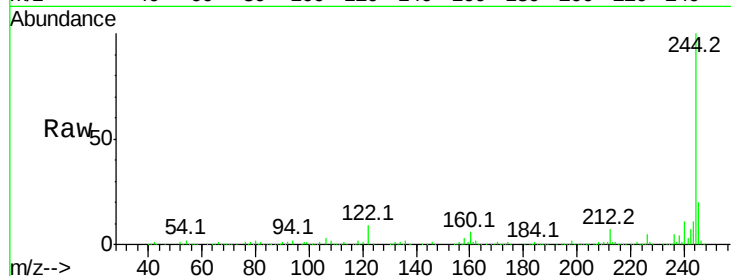




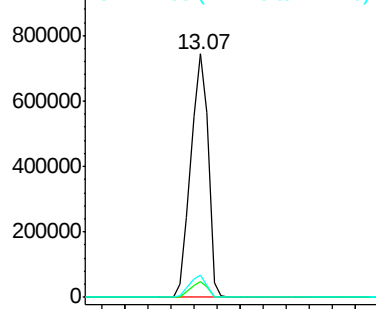
#78
 Terphenyl-d14
 Concen: 91.484 ng
 RT: 13.07 min Scan# 1824
 Delta R.T. -0.02 min
 Lab File: BF107169.D
 Acq: 6 Jul 2018 13:36

Instrument :
 BNA_F
 ClientSampleId :
 PB110856BL

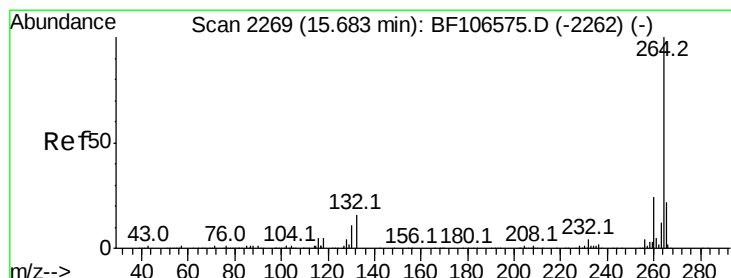
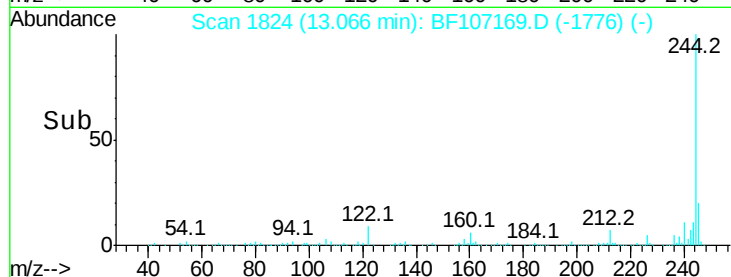
Tot Ion:244 Resp: 780499
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 8.9 11.0 16.4#



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

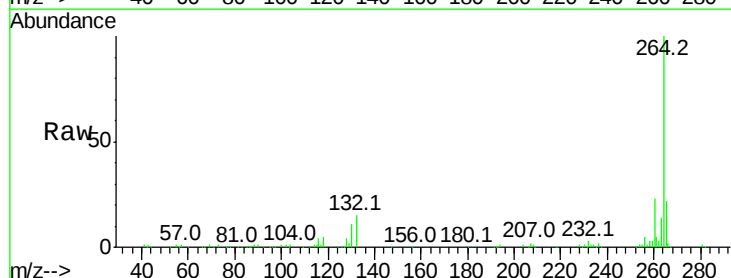


Time-->

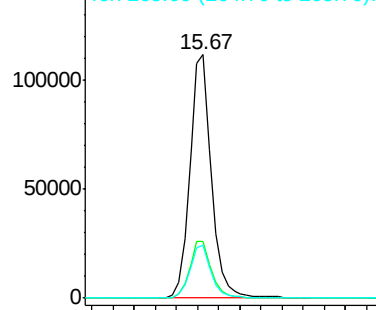


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2266
 Delta R.T. -0.05 min
 Lab File: BF107169.D
 Acq: 6 Jul 2018 13:36

Tgt Ion:264 Resp: 158747
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.2 28.8
 265 21.8 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



Time-->

