

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072018\
 Data File : BF107567.D
 Acq On : 21 Jul 2018 11:10
 Operator : JU/SJ
 Sample : J4061-10
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 071718-TIPC-F-U-S

Quant Time: Jul 23 04:23:43 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 16:29:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	303833	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	1080414	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	387967	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	684470	20.00	ng	0.00
75) Chrysene-d12	14.16	240	706380	20.00	ng	0.00
86) Perylene-d12	15.69	264	587891	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	790376	41.82	ng	0.00
7) Phenol-d6	6.60	99	699911	30.85	ng	-0.01
23) Nitrobenzene-d5	7.54	82	1710423	106.84	ng	-0.01
41) 2,4,6-Tribromophenol	10.81	330	378579	85.81	ng	-0.01
44) 2-Fluorobiphenyl	9.33	172	2609551	135.09	ng	0.00
78) Terphenyl-d14	13.10	244	2213650	80.23	ng	0.00

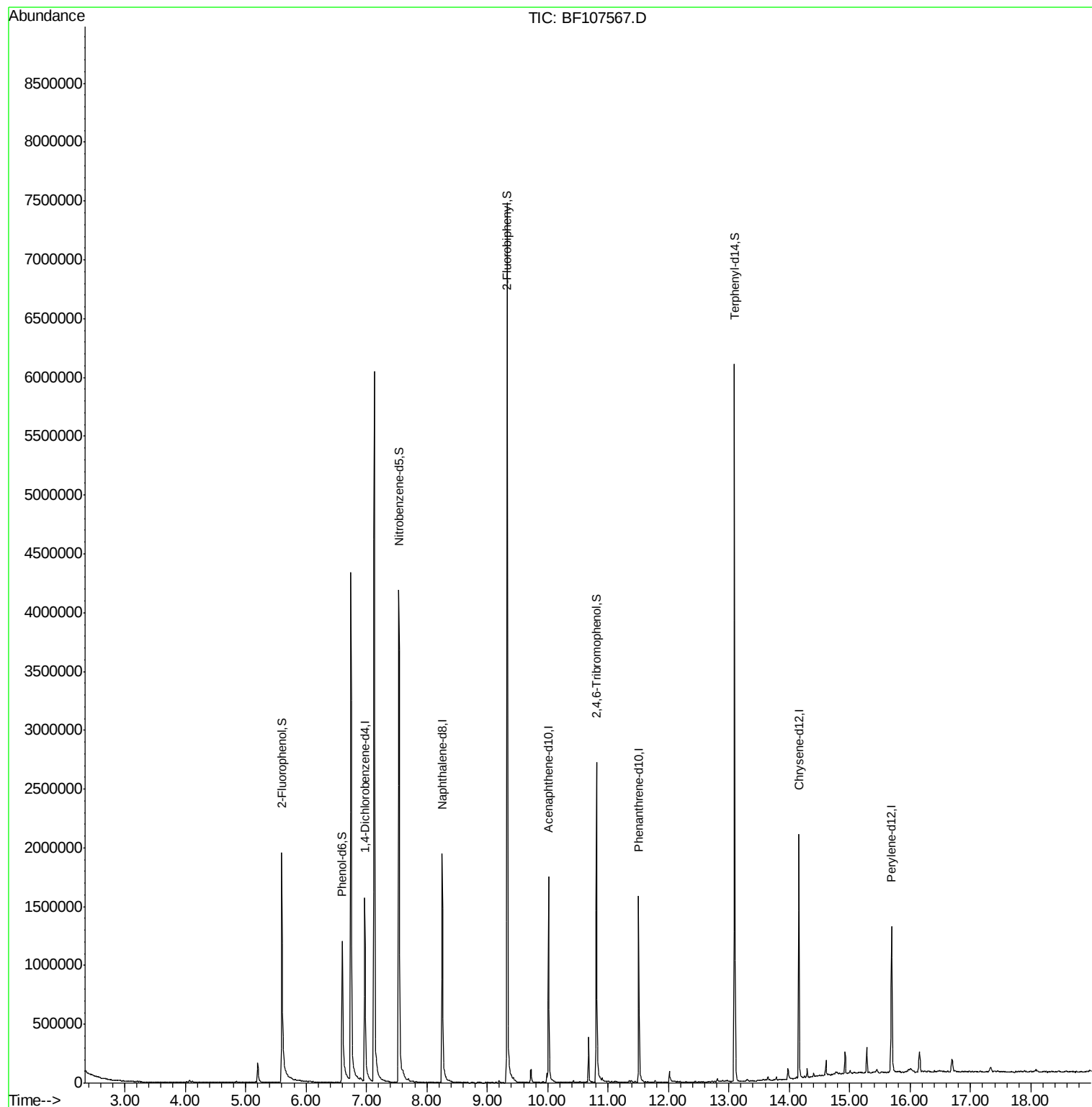
Target Compounds Qvalue

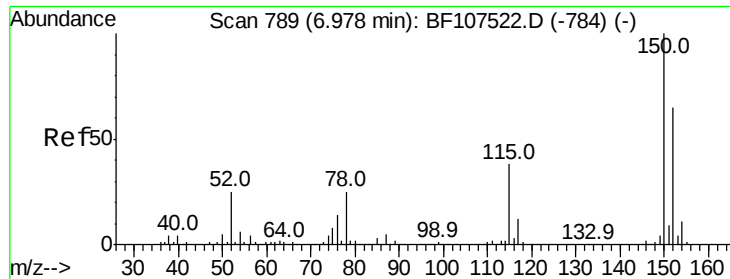
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072018\
Data File : BF107567.D
Acq On : 21 Jul 2018 11:10
Operator : JU/SJ
Sample : J4061-10
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
071718-TIPC-F-U-S

Quant Time: Jul 23 04:23:43 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 16:29:27 2018
Response via : Initial Calibration



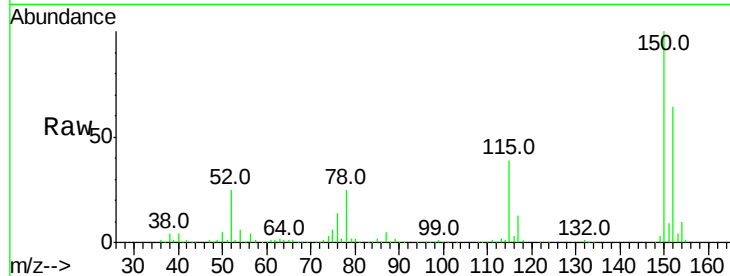


#1

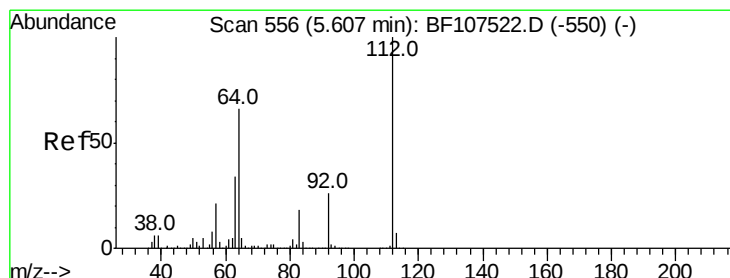
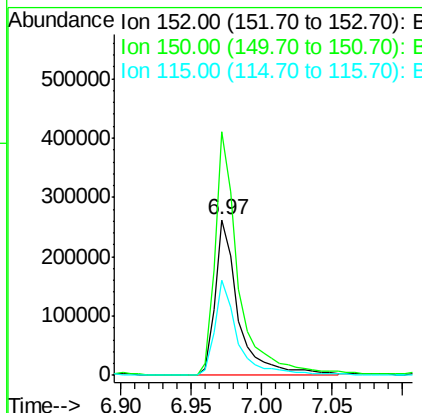
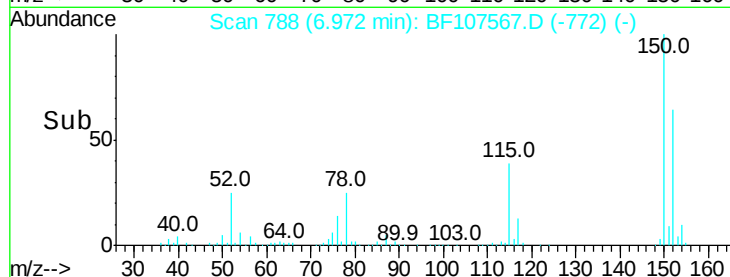
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF107567.D
 Acq: 21 Jul 2018 11:10

Instrument :
 BNA_F
 ClientSampleId :
 071718-TIPC-F-U-S

Tot Ion:152 Resp: 303833
 Ion Ratio Lower Upper
 152 100
 150 156.1 124.6 186.8
 115 60.7 50.1 75.1



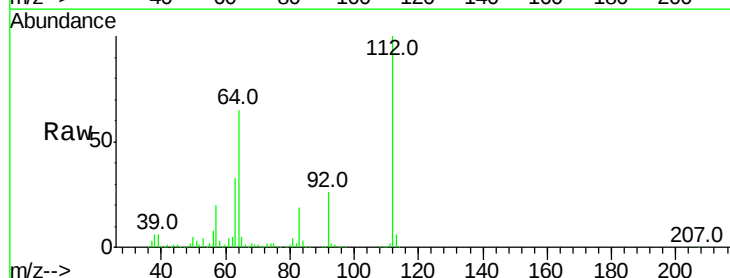
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



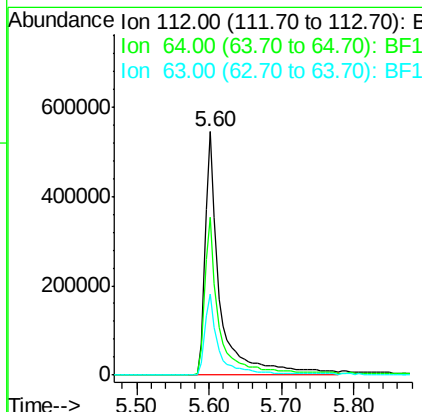
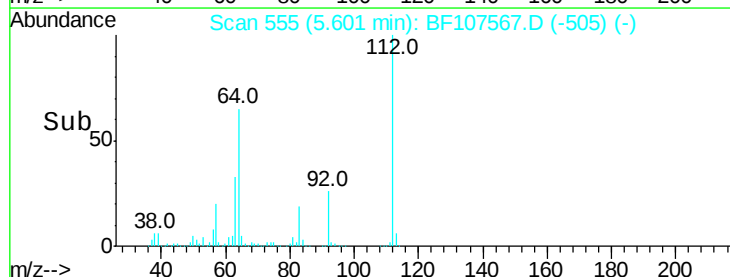
#5

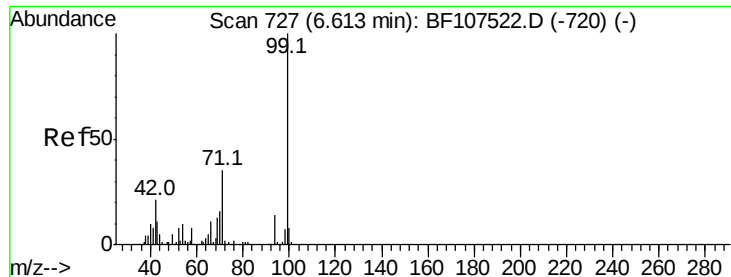
2-Fluorophenol
 Concen: 41.825 ng
 RT: 5.60 min Scan# 555
 Delta R.T. -0.01 min
 Lab File: BF107567.D
 Acq: 21 Jul 2018 11:10

Tgt Ion:112 Resp: 790376
 Ion Ratio Lower Upper
 112 100
 64 65.0 47.9 71.9
 63 33.1 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: 30.846 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107567.D

Acq: 21 Jul 2018 11:10

Instrument :

BNA_F

ClientSampleId :

071718-TIPC-F-U-S

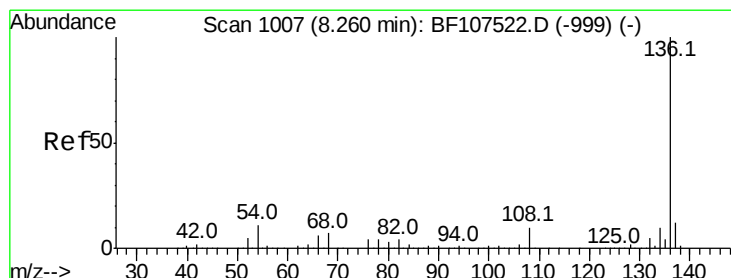
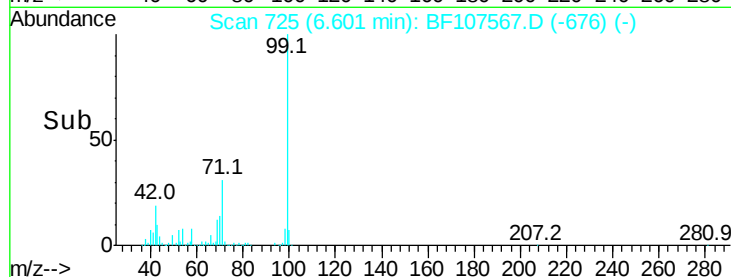
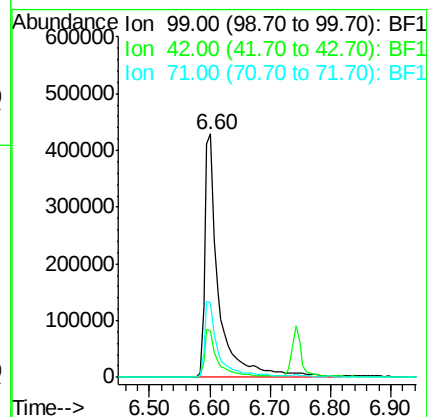
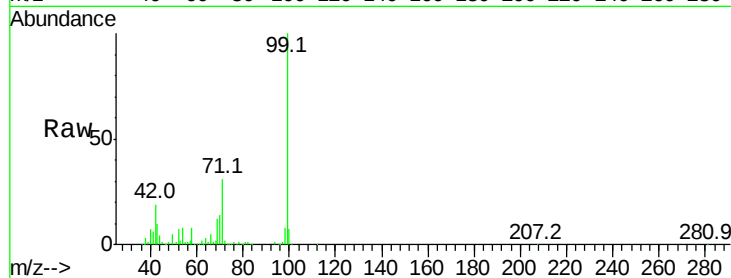
Tot Ion: 99 Resp: 699911

Ion Ratio Lower Upper

99 100

42 18.9 14.5 21.7

71 30.9 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF107567.D

Acq: 21 Jul 2018 11:10

Tgt Ion: 136 Resp: 1080414

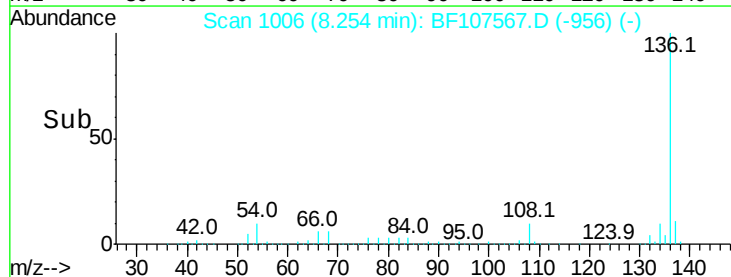
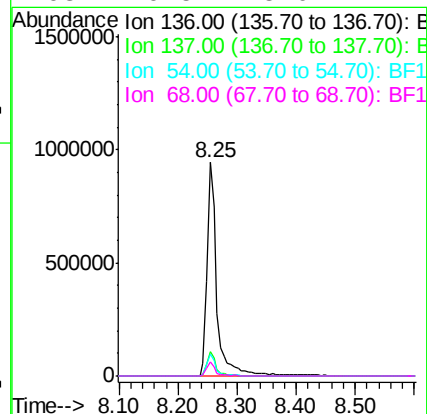
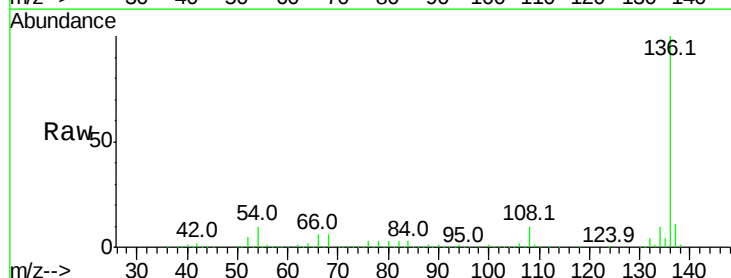
Ion Ratio Lower Upper

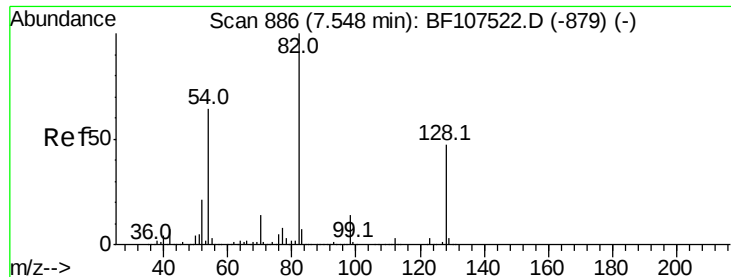
136 100

137 11.4 8.9 13.3

54 10.5 6.6 9.8#

68 6.5 5.0 7.4

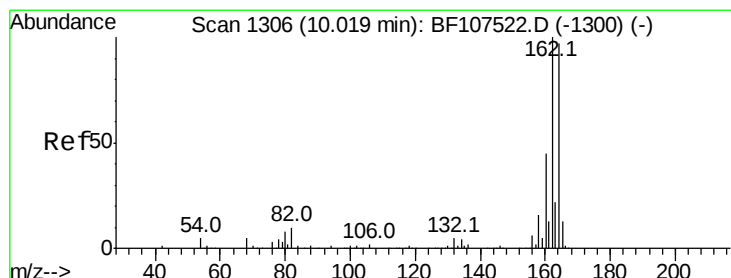
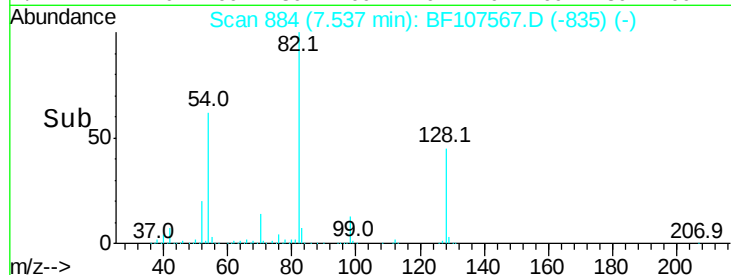
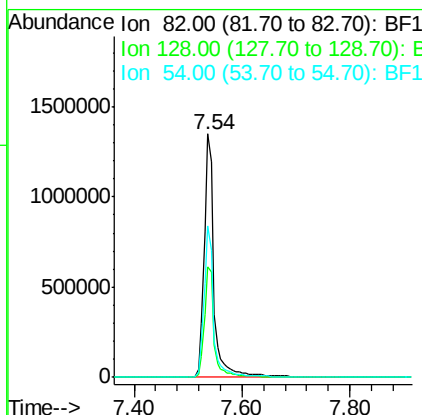
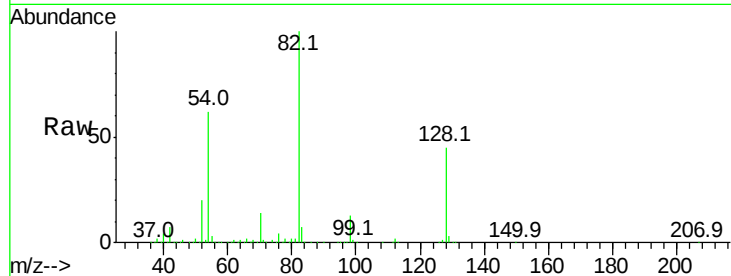




#23
 Nitrobenzene-d5
 Concen: 106.841 ng
 RT: 7.54 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF107567.D
 Acq: 21 Jul 2018 11:10

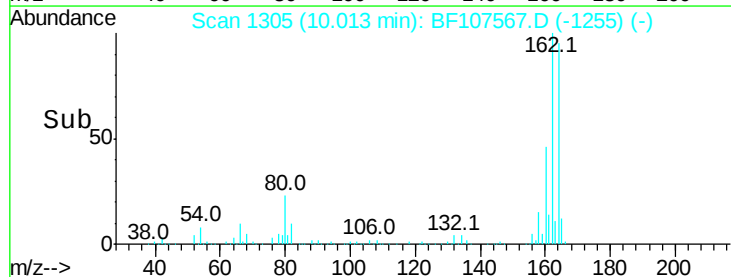
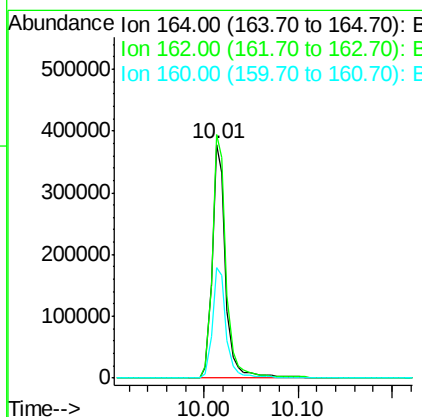
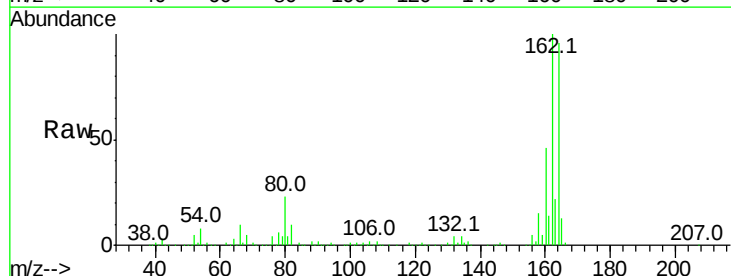
Instrument :
 BNA_F
 ClientSampleId :
 071718-TIPC-F-U-S

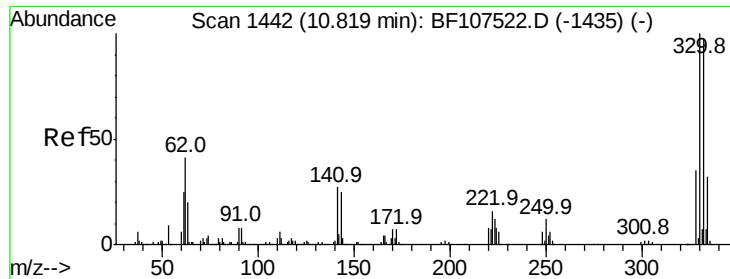
Tot Ion: 82 Resp: 1710423
 Ion Ratio Lower Upper
 82 100
 128 45.5 36.1 54.1
 54 62.1 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF107567.D
 Acq: 21 Jul 2018 11:10

Tgt Ion:164 Resp: 387967
 Ion Ratio Lower Upper
 164 100
 162 104.3 86.1 129.1
 160 47.5 38.3 57.5

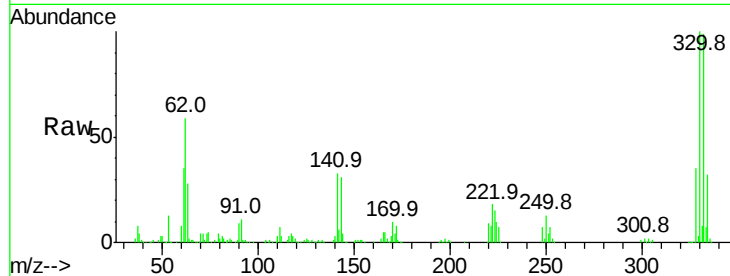




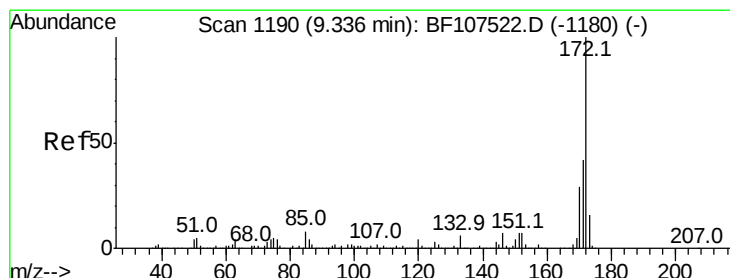
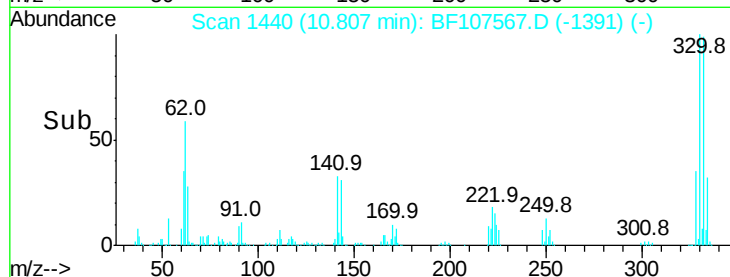
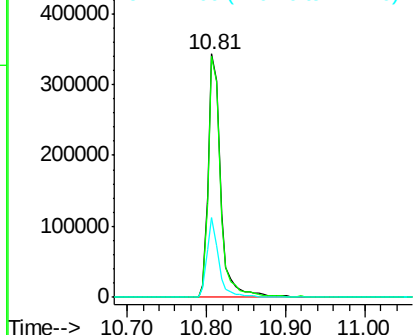
#41
 2,4,6-Tribromophenol
 Concen: 85.811 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF107567.D
 Acq: 21 Jul 2018 11:10

Instrument :
 BNA_F
 ClientSampleId :
 071718-TIPC-F-U-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	30.8	29.9	44.9

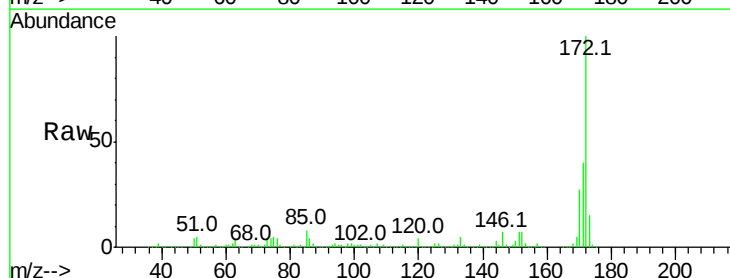


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

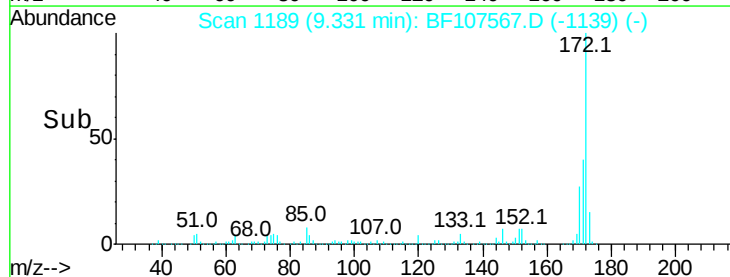
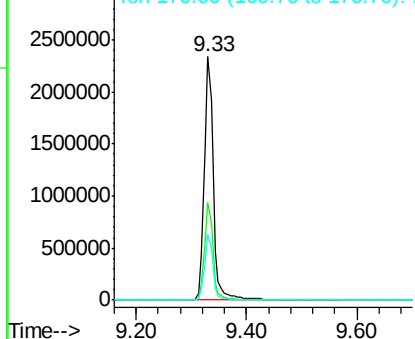


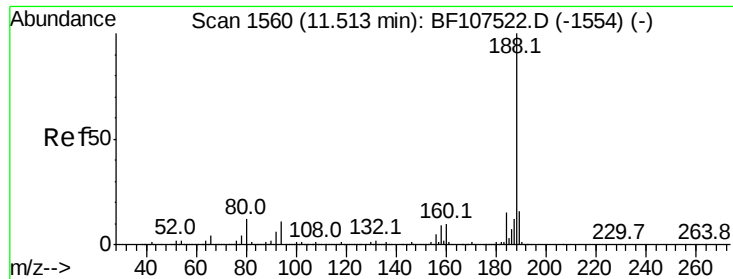
#44
 2-Fluorobiphenyl
 Concen: 135.092 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF107567.D
 Acq: 21 Jul 2018 11:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.0	29.7	44.5
170	27.2	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: 11.51 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BF107567.D

Acq: 21 Jul 2018 11:10

Instrument :

BNA_F

ClientSampleId :

071718-TIPC-F-U-S

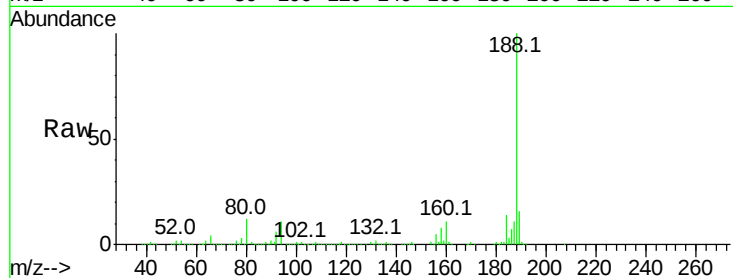
Tot Ion:188 Resp: 684470

Ion Ratio Lower Upper

188 100

94 10.8 8.5 12.7

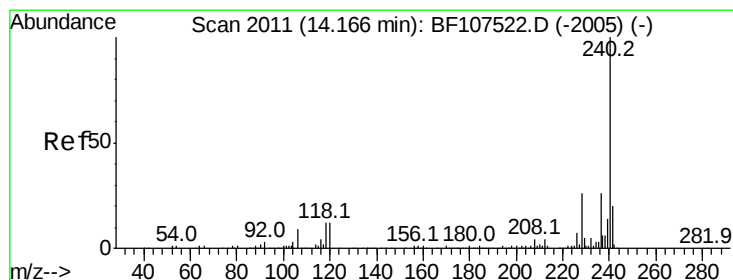
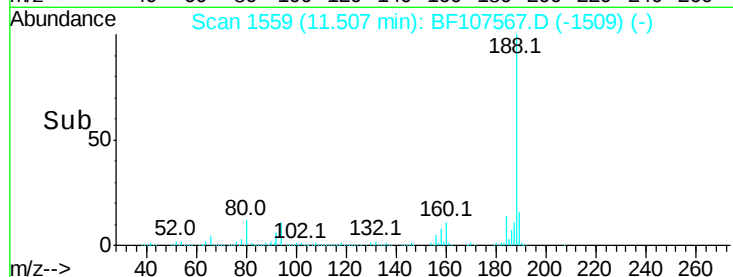
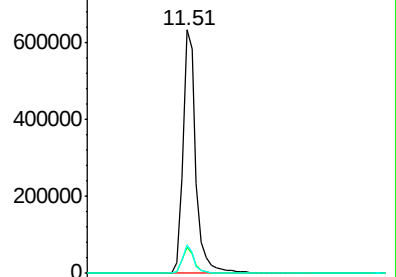
80 11.8 9.2 13.8



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: 14.16 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BF107567.D

Acq: 21 Jul 2018 11:10

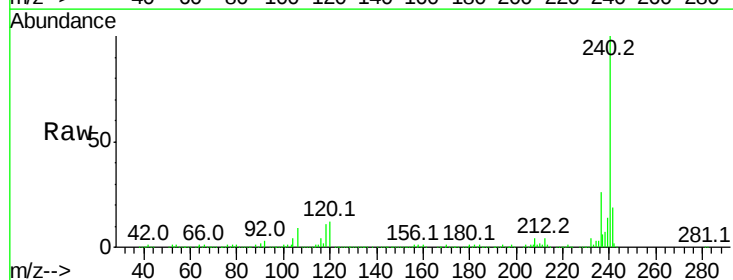
Tgt Ion:240 Resp: 706380

Ion Ratio Lower Upper

240 100

120 12.0 9.5 14.3

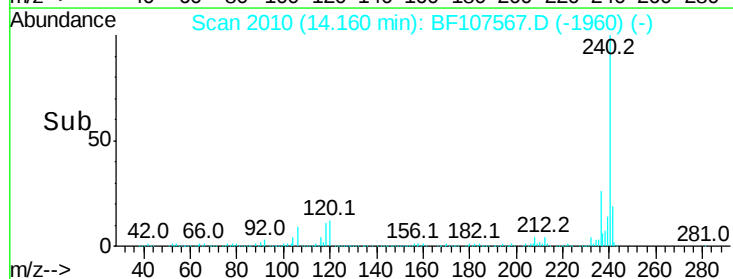
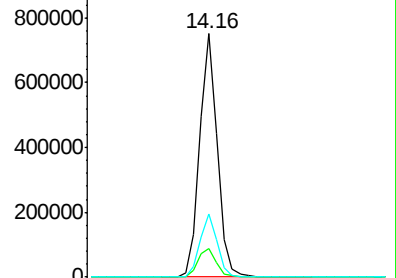
236 25.7 20.7 31.1

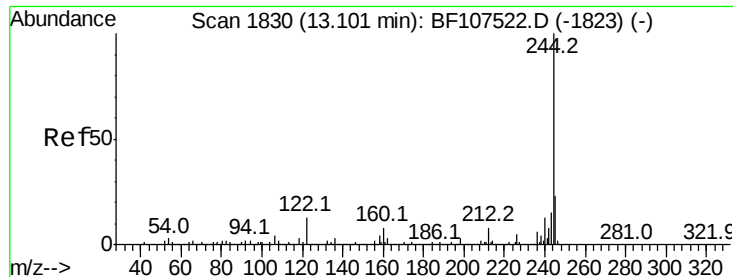


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 80.228 ng

RT: 13.10 min Scan# 1829

Delta R.T. -0.00 min

Lab File: BF107567.D

Acq: 21 Jul 2018 11:10

Instrument :

BNA_F

ClientSampleId :

071718-TIPC-F-U-S

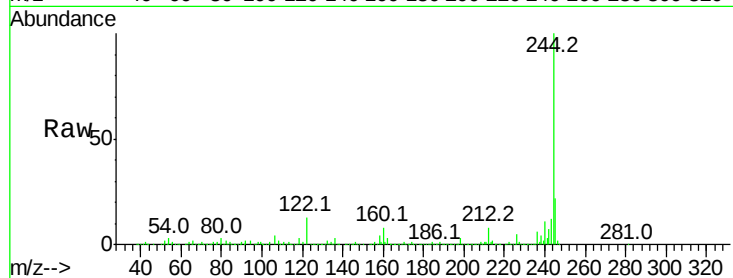
Tot Ion:244 Resp: 2213650

Ion Ratio Lower Upper

244 100

212 7.6 5.4 8.0

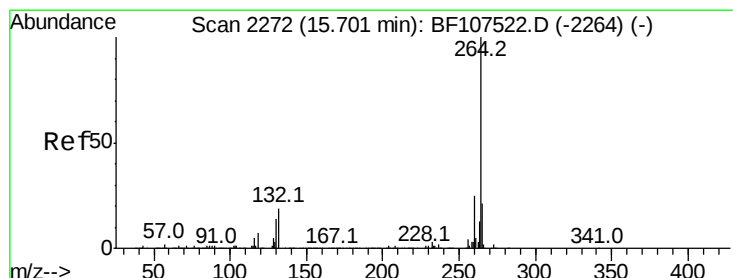
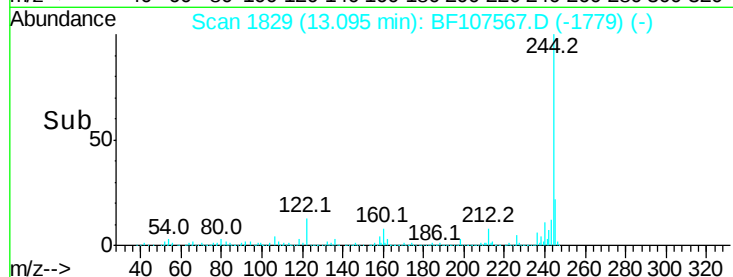
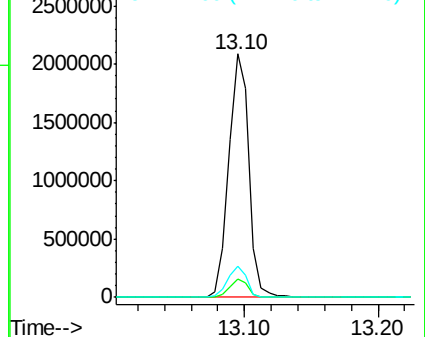
122 13.1 11.0 16.4



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: 15.69 min Scan# 2271

Delta R.T. -0.01 min

Lab File: BF107567.D

Acq: 21 Jul 2018 11:10

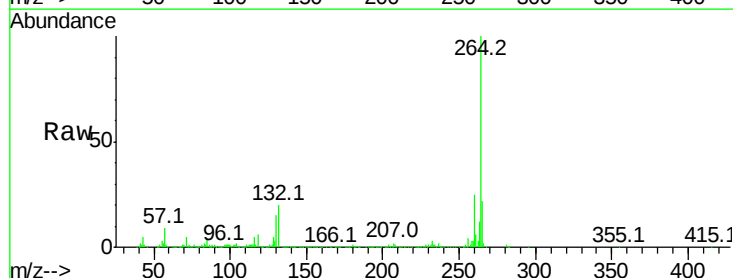
Tgt Ion:264 Resp: 587891

Ion Ratio Lower Upper

264 100

260 24.8 19.2 28.8

265 22.1 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

