

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072018\
 Data File : BF107565.D
 Acq On : 21 Jul 2018 10:17
 Operator : JU/SJ
 Sample : J4061-08
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

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

Quant Time: Jul 23 04:17:00 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	310358	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	1127766	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	398769	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	682201	20.00	ng	0.00
75) Chrysene-d12	14.16	240	718522	20.00	ng	0.00
86) Perylene-d12	15.69	264	571199	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	776253	40.21	ng	0.00
7) Phenol-d6	6.60	99	690539	29.79	ng	-0.01
23) Nitrobenzene-d5	7.54	82	1710516	102.36	ng	-0.01
41) 2,4,6-Tribromophenol	10.81	330	364823	80.45	ng	-0.01
44) 2-Fluorobiphenyl	9.33	172	2583107	126.58	ng	0.00
78) Terphenyl-d14	13.10	244	2137819	76.17	ng	0.00

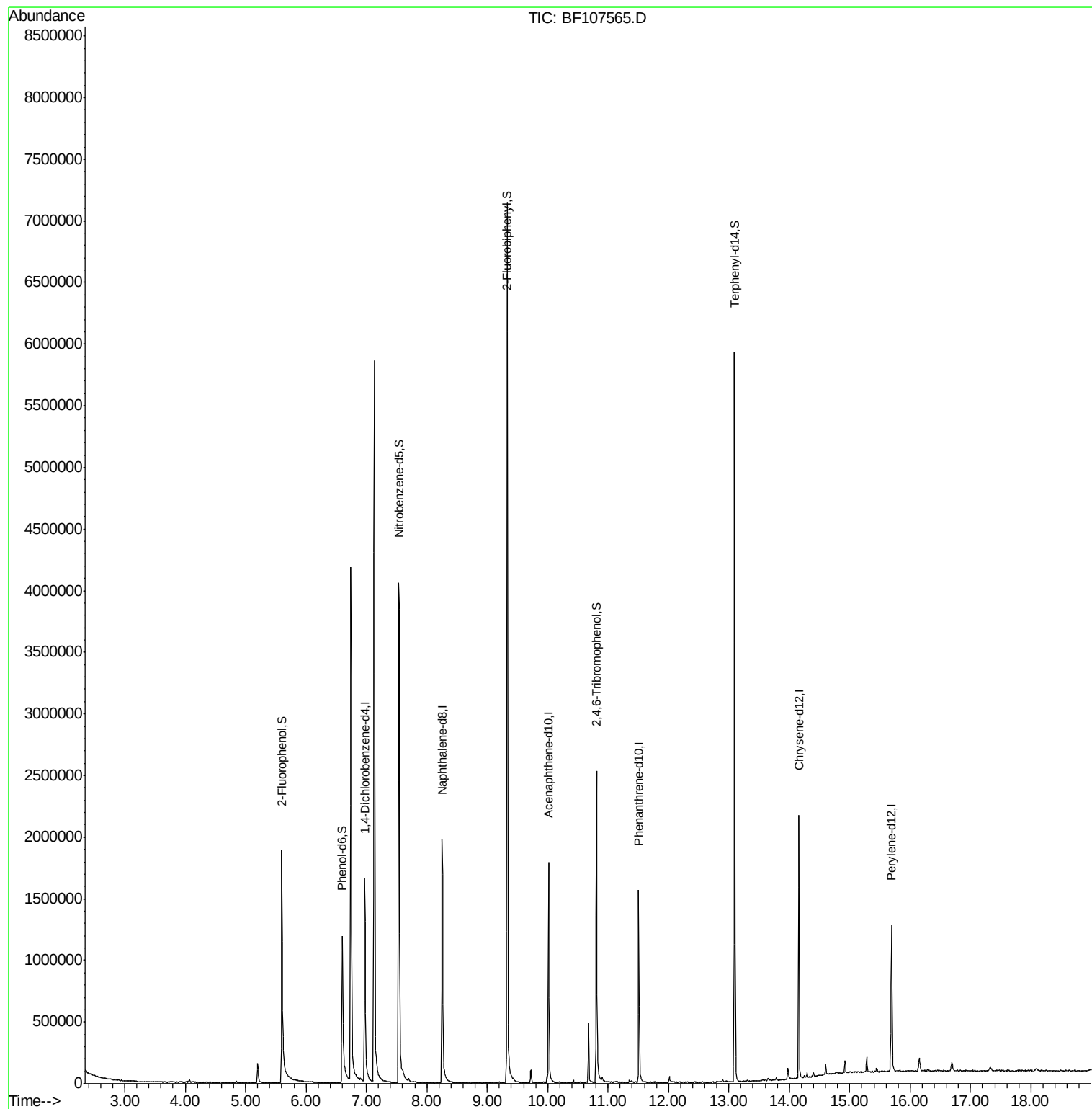
Target Compounds Qvalue

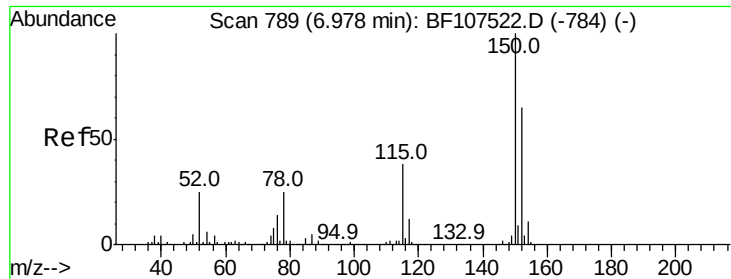
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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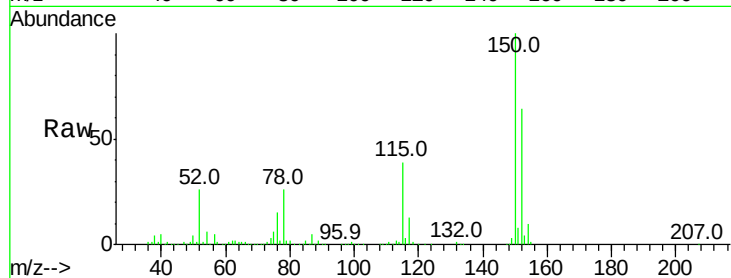


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF107565.D
Acq: 21 Jul 2018 10:17

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.6	186.8
115	60.9	50.1	75.1

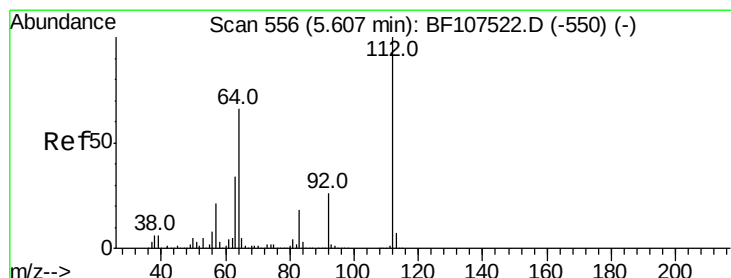
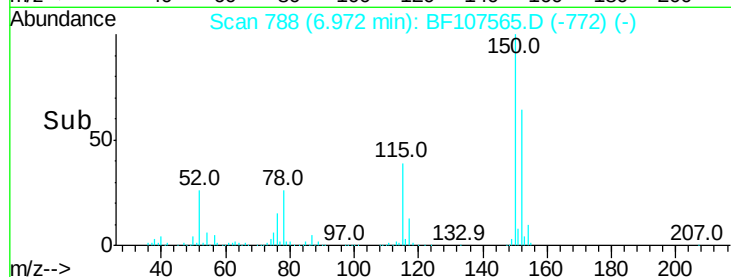
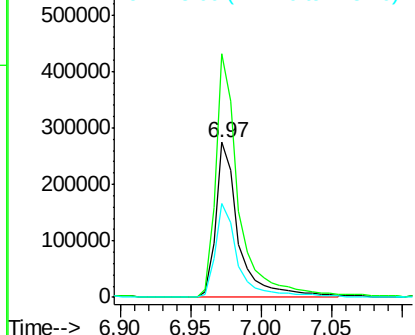


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

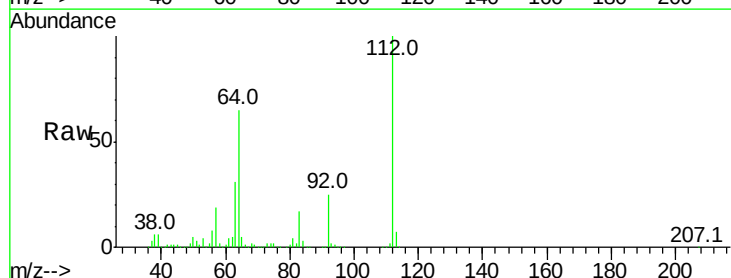
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 40.214 ng
RT: 5.60 min Scan# 555
Delta R.T. -0.01 min
Lab File: BF107565.D
Acq: 21 Jul 2018 10:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.0	47.9	71.9
63	31.3	23.7	35.5

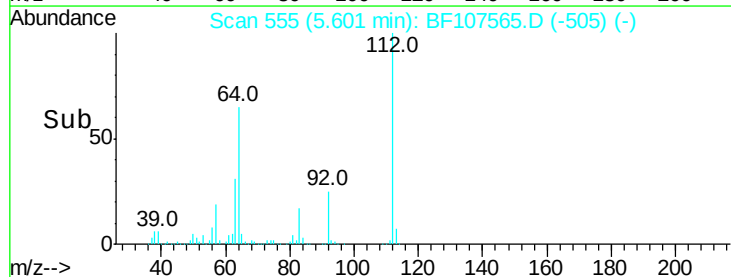
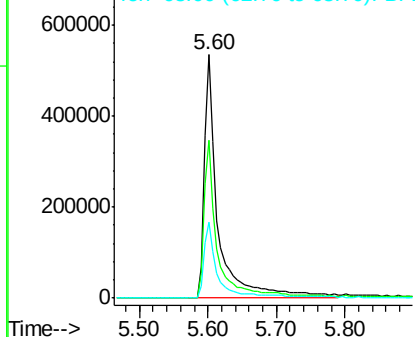


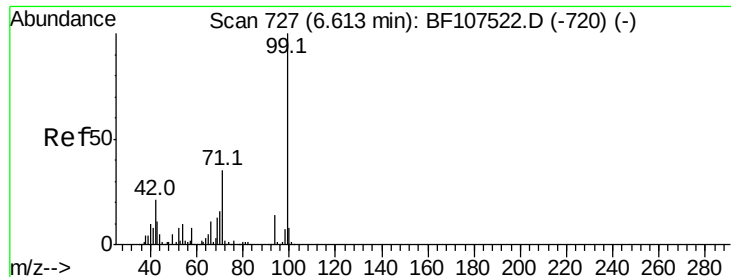
Abundance

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: 29.793 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107565.D

Acq: 21 Jul 2018 10:17

Instrument :

BNA_F

ClientSampleId :

071718-TIPC-F-D-S

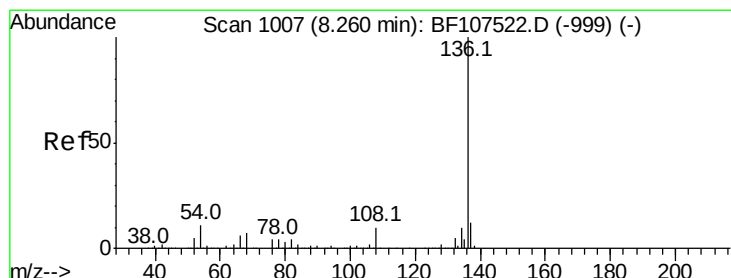
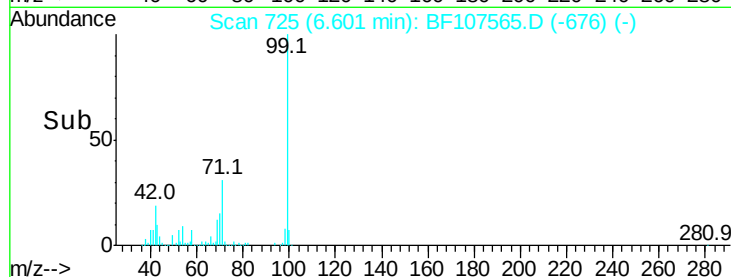
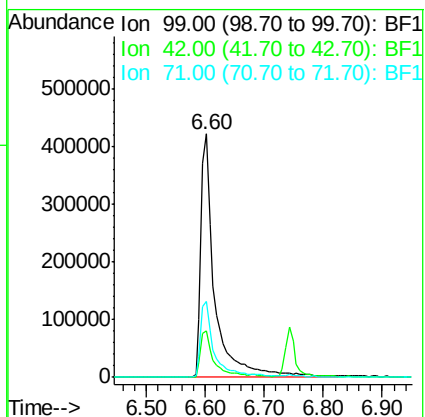
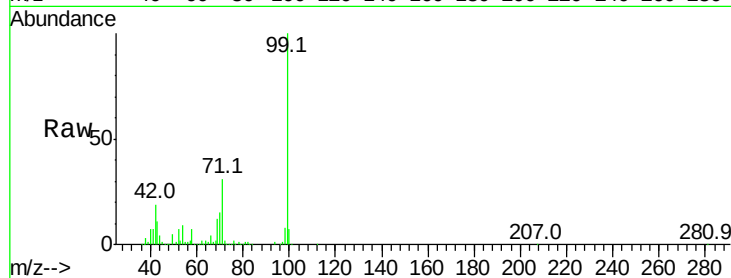
Tot Ion: 99 Resp: 690539

Ion Ratio Lower Upper

99 100

42 19.0 14.5 21.7

71 31.4 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: BF107565.D

Acq: 21 Jul 2018 10:17

Tgt Ion: 136 Resp: 1127766

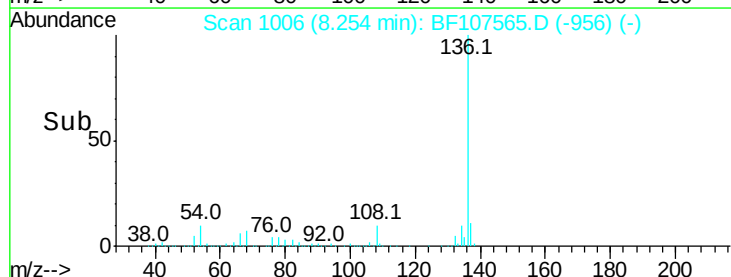
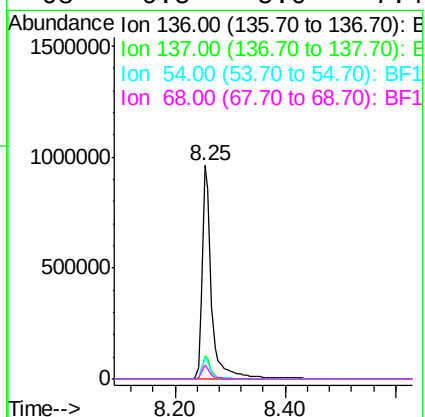
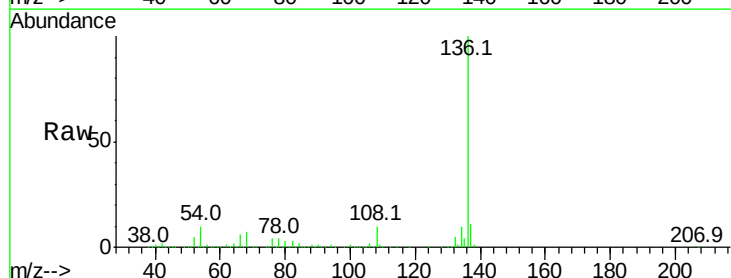
Ion Ratio Lower Upper

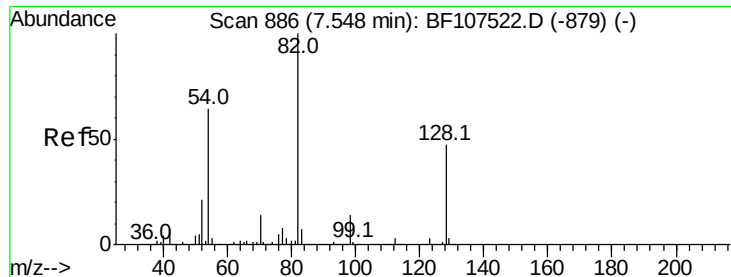
136 100

137 10.8 8.9 13.3

54 10.3 6.6 9.8#

68 6.5 5.0 7.4

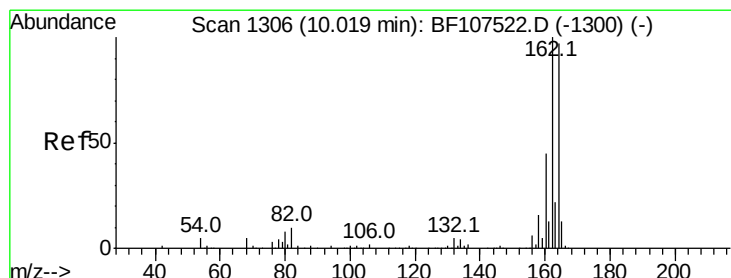
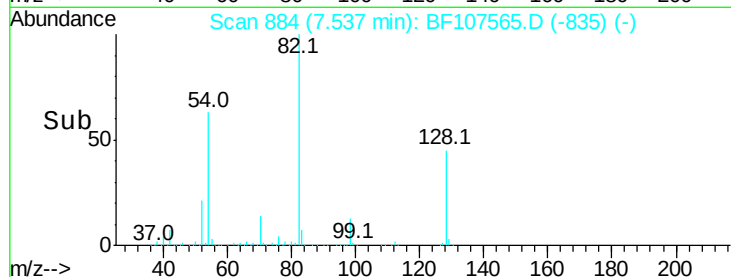
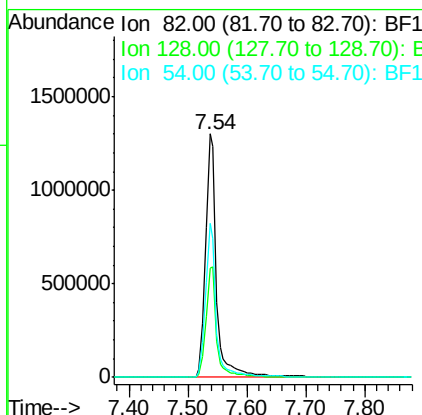
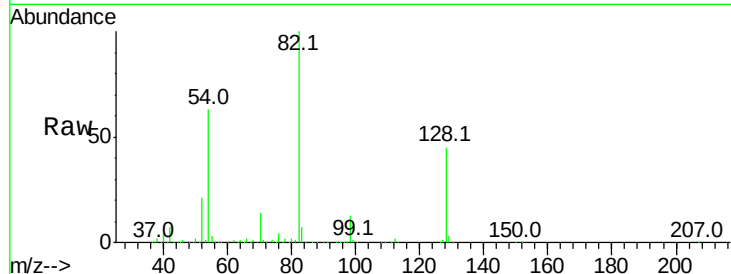




#23
 Nitrobenzene-d5
 Concen: 102.360 ng
 RT: 7.54 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF107565.D
 Acq: 21 Jul 2018 10:17

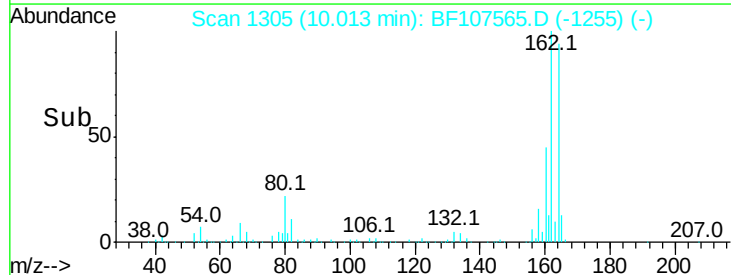
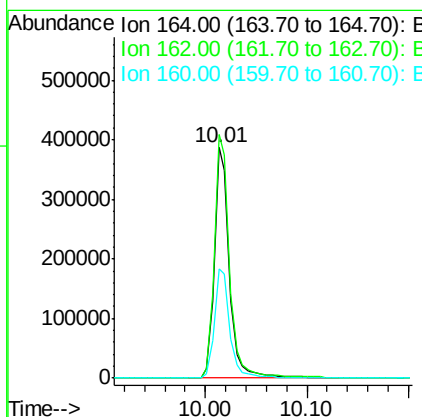
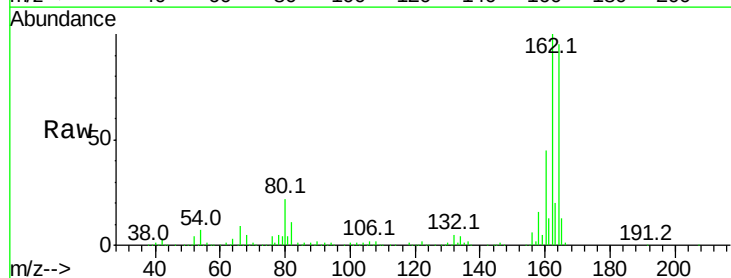
Instrument :
 BNA_F
 ClientSampleId :
 071718-TIPC-F-D-S

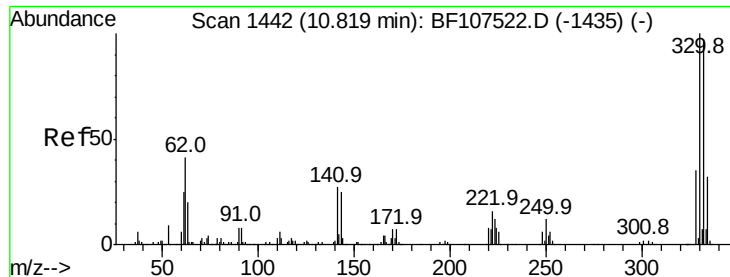
Tot Ion: 82 Resp: 1710516
 Ion Ratio Lower Upper
 82 100
 128 44.8 36.1 54.1
 54 63.2 41.4 62.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF107565.D
 Acq: 21 Jul 2018 10:17

Tgt Ion:164 Resp: 398769
 Ion Ratio Lower Upper
 164 100
 162 105.6 86.1 129.1
 160 47.2 38.3 57.5

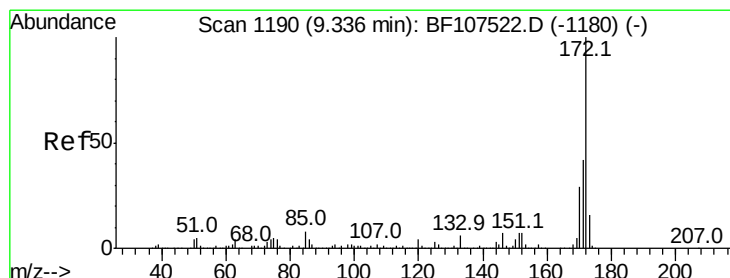
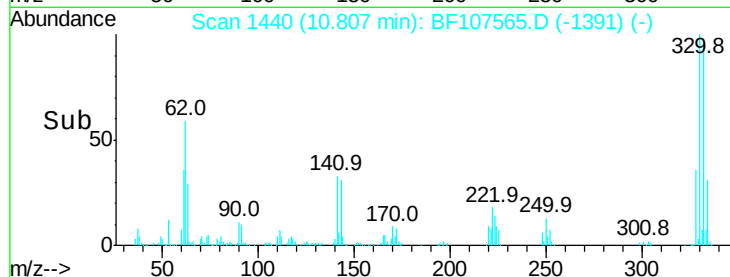
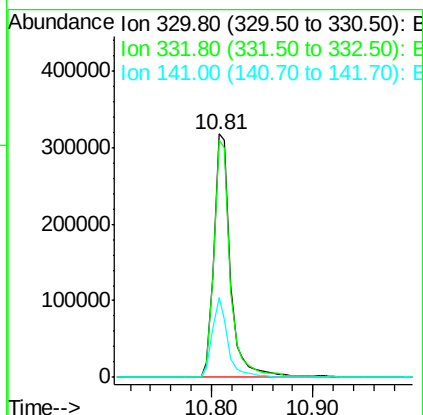
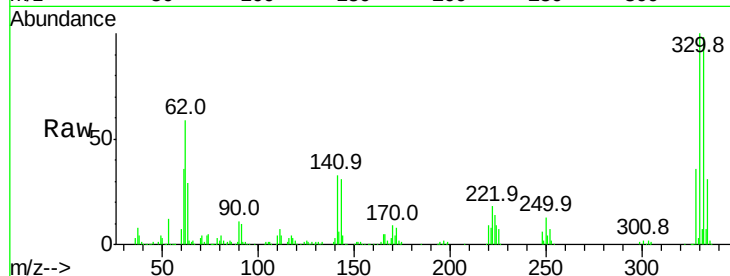




#41
 2,4,6-Tribromophenol
 Concen: 80.453 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF107565.D
 Acq: 21 Jul 2018 10:17

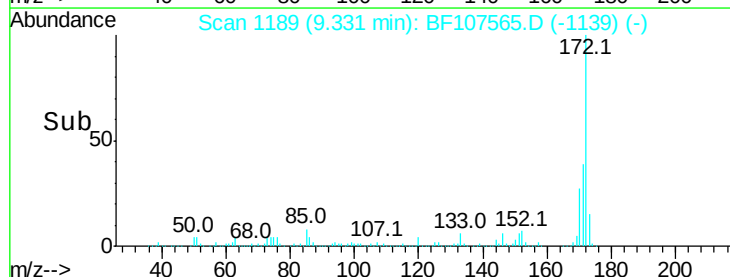
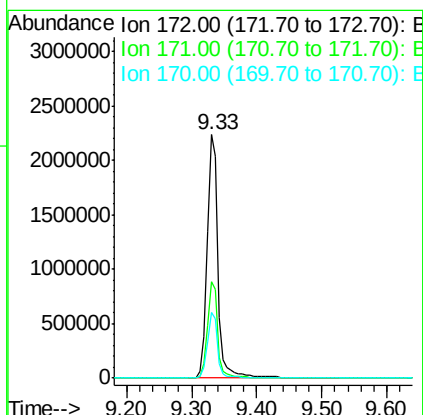
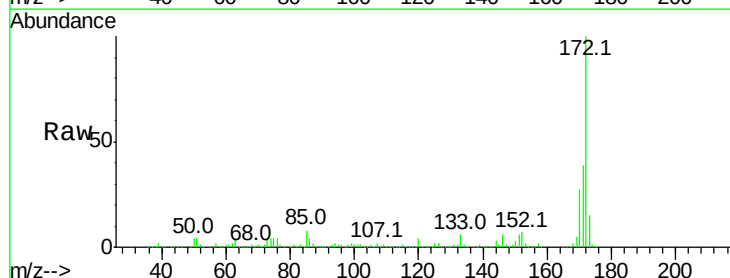
Instrument :
 BNA_F
 ClientSampleId :
 071718-TIPC-F-D-S

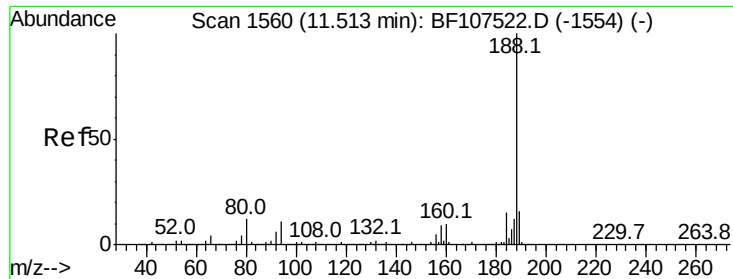
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	31.1	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 126.578 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF107565.D
 Acq: 21 Jul 2018 10:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.4	29.7	44.5
170	27.2	19.6	29.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.51 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BF107565.D

Acq: 21 Jul 2018 10:17

Instrument :

BNA_F

ClientSampleId :

071718-TIPC-F-D-S

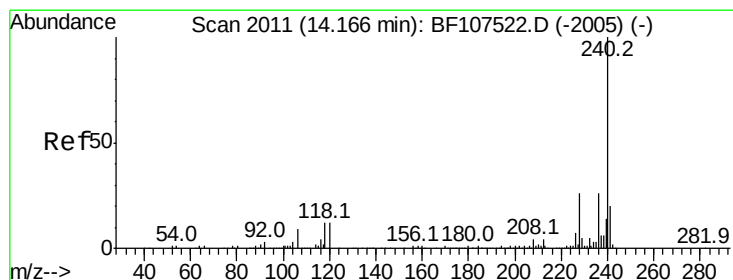
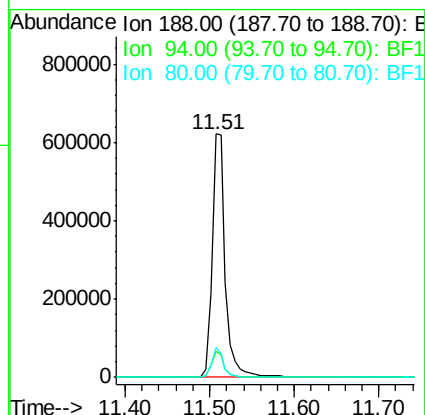
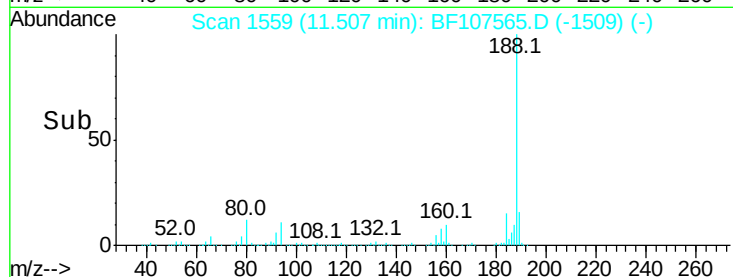
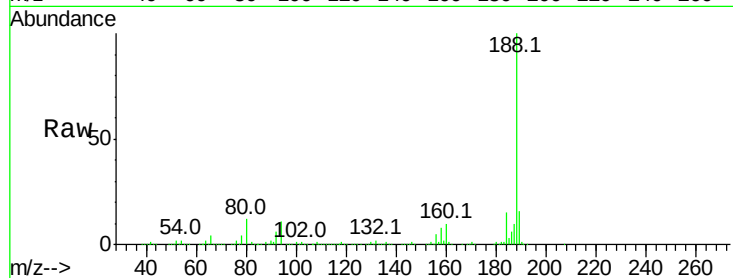
Tot Ion:188 Resp: 682201

Ion Ratio Lower Upper

188 100

94 10.7 8.5 12.7

80 12.0 9.2 13.8



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BF107565.D

Acq: 21 Jul 2018 10:17

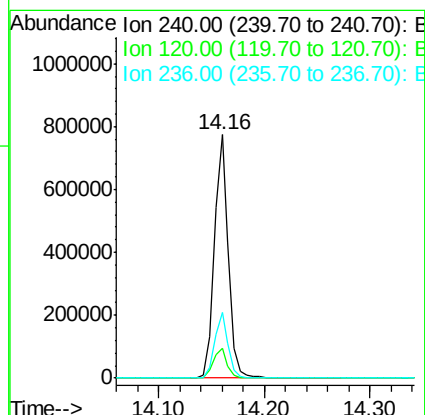
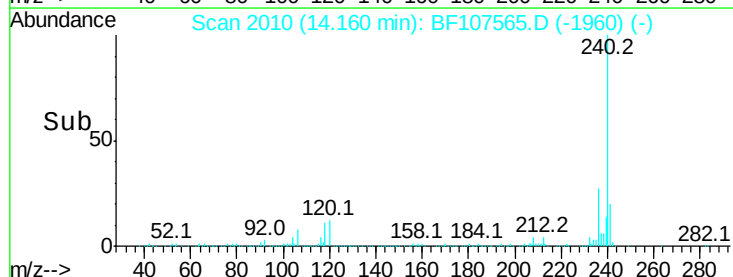
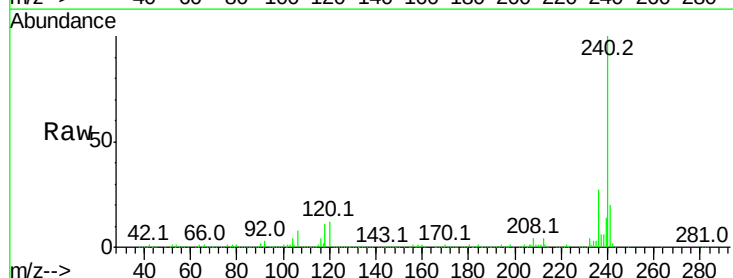
Tgt Ion:240 Resp: 718522

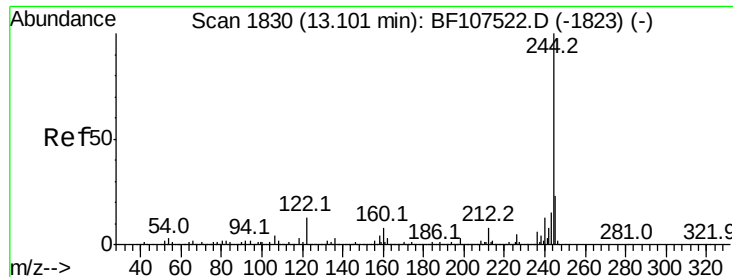
Ion Ratio Lower Upper

240 100

120 12.2 9.5 14.3

236 27.0 20.7 31.1





#78

Terphenyl-d14

Concen: 76.170 ng

RT: 13.10 min Scan# 1829

Delta R.T. -0.00 min

Lab File: BF107565.D

Acq: 21 Jul 2018 10:17

Instrument :

BNA_F

ClientSampleId :

071718-TIPC-F-D-S

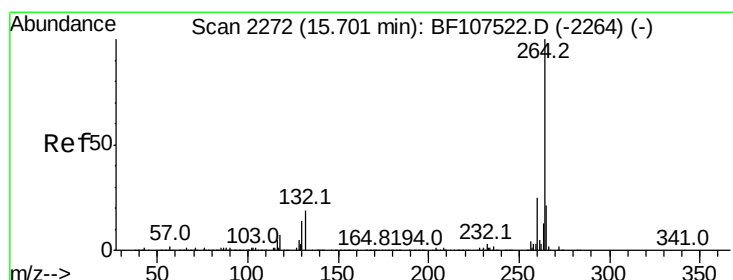
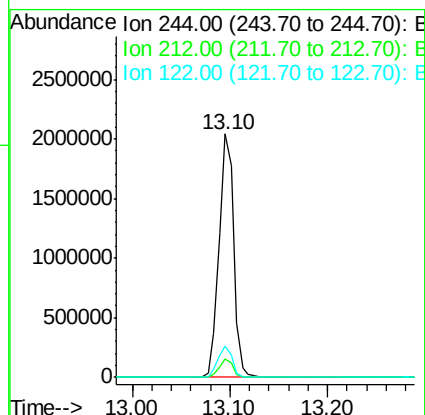
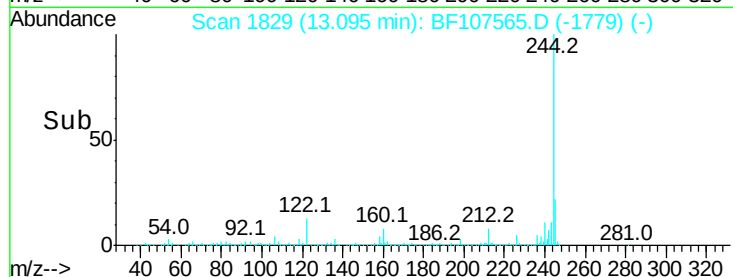
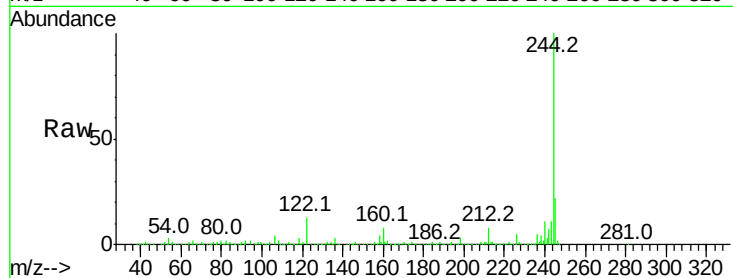
Tot Ion:244 Resp: 2137819

Ion Ratio Lower Upper

244 100

212 7.6 5.4 8.0

122 13.0 11.0 16.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.69 min Scan# 2271

Delta R.T. -0.01 min

Lab File: BF107565.D

Acq: 21 Jul 2018 10:17

Tgt Ion:264 Resp: 571199

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 21.9 17.5 26.3

