

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072018\
 Data File : BF107543.D
 Acq On : 21 Jul 2018 00:03
 Operator : JU/SJ
 Sample : J4018-02 10X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-3-4

Quant Time: Jul 21 03:16:16 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	297598	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	1216982	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	520857	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	886409	20.00	ng	0.00
75) Chrysene-d12	14.16	240	732786	20.00	ng	0.00
86) Perylene-d12	15.69	264	783339	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	69302	3.74	ng	0.00
7) Phenol-d6	6.61	99	69313	3.12	ng	0.00
23) Nitrobenzene-d5	7.54	82	164230	9.11	ng	-0.01
41) 2,4,6-Tribromophenol	10.81	330	75525	12.75	ng	-0.01
44) 2-Fluorobiphenyl	9.33	172	397698	6.84	ng	0.00
78) Terphenyl-d14	13.09	244	280058	9.78	ng	-0.01

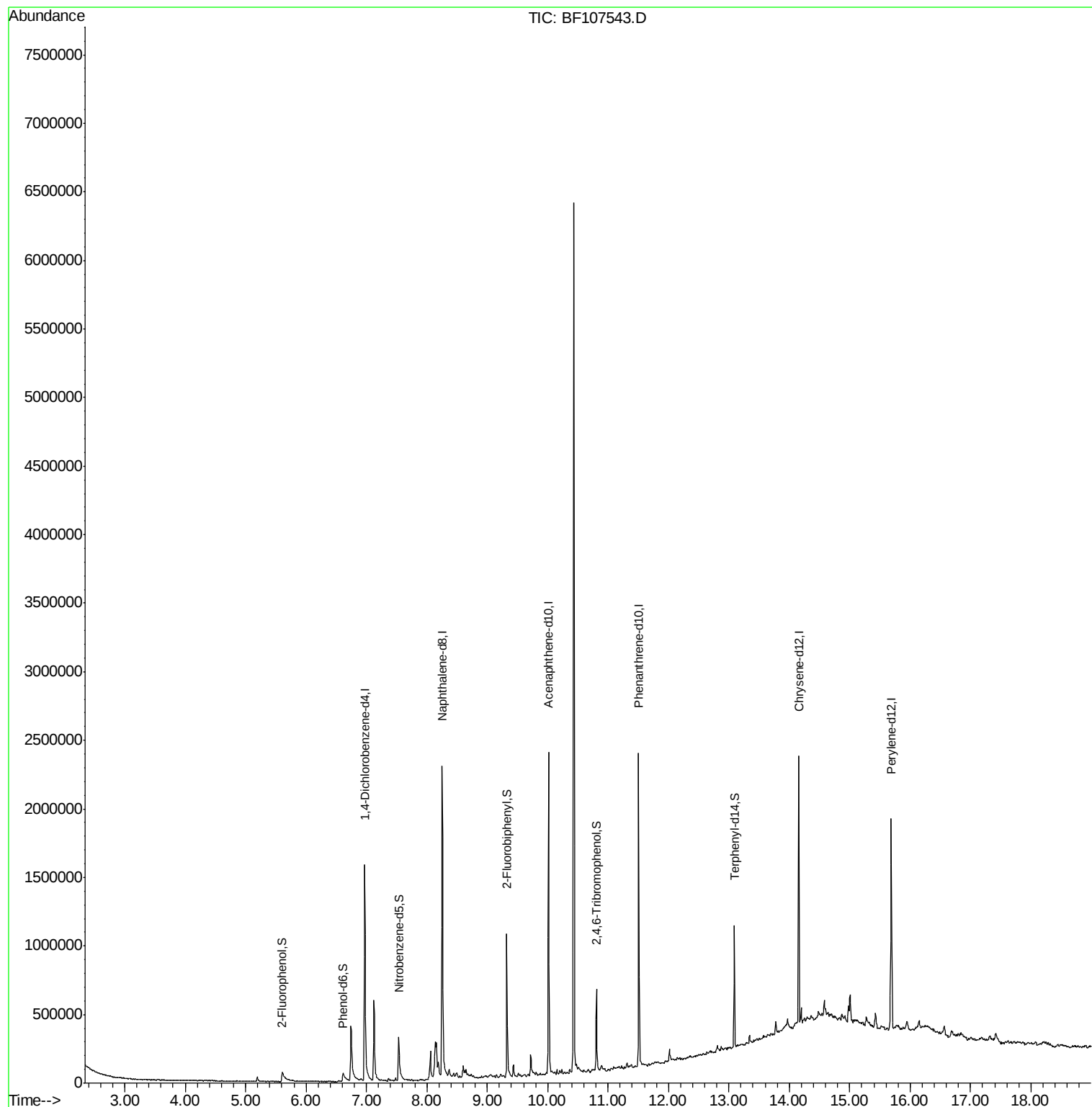
Target Compounds Qvalue

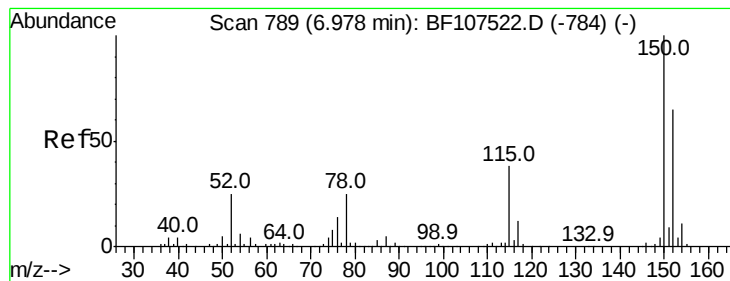
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072018\
Data File : BF107543.D
Acq On : 21 Jul 2018 00:03
Operator : JU/SJ
Sample : J4018-02 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DRUM-3-4

Quant Time: Jul 21 03:16:16 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



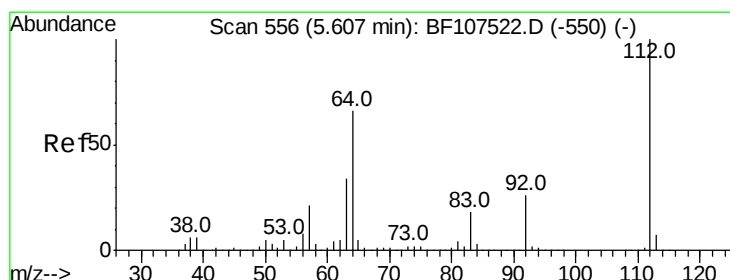
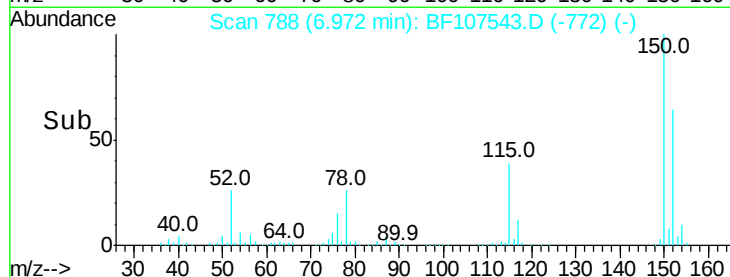
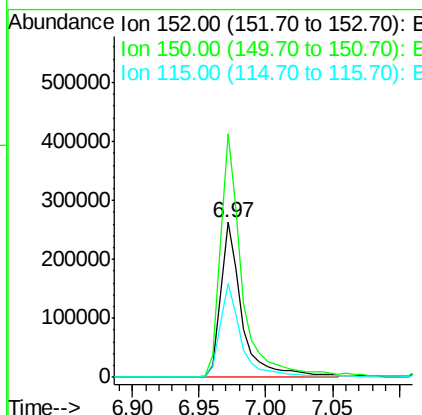
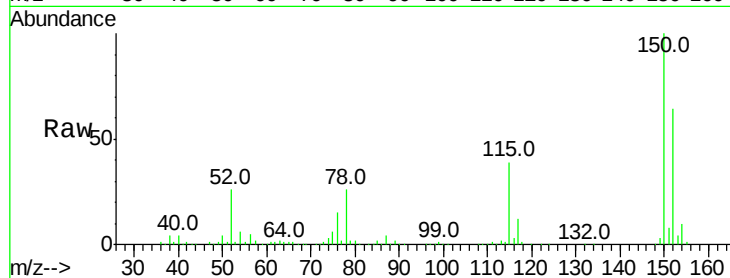


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF107543.D
Acq: 21 Jul 2018 00:03

Instrument :
BNA_F
ClientSampled :
DRUM-3-4

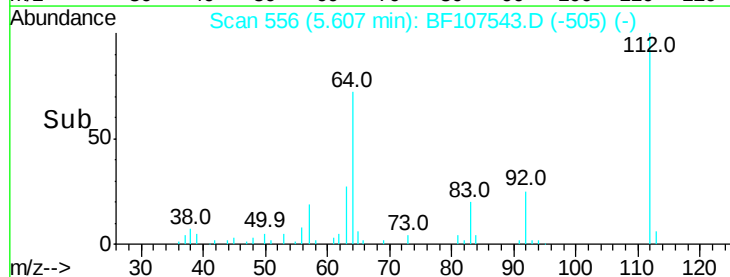
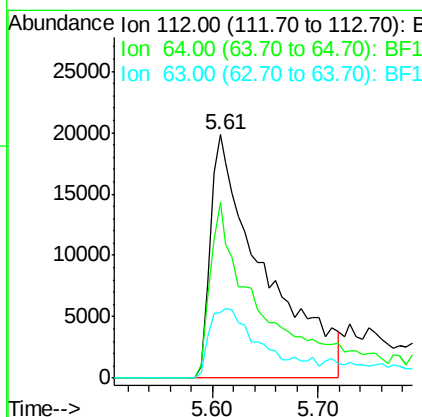
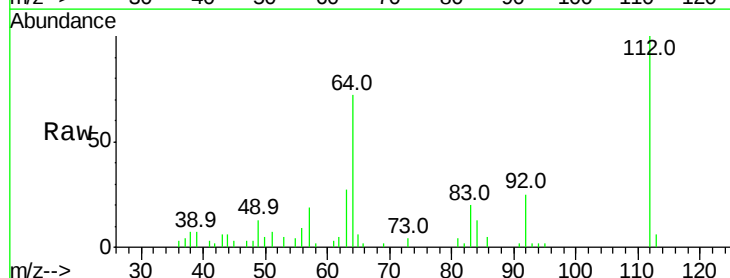
Tot Ion:152 Resp: 297598
Ion Ratio Lower Upper
152 100
150 157.3 124.6 186.8
115 60.9 50.1 75.1

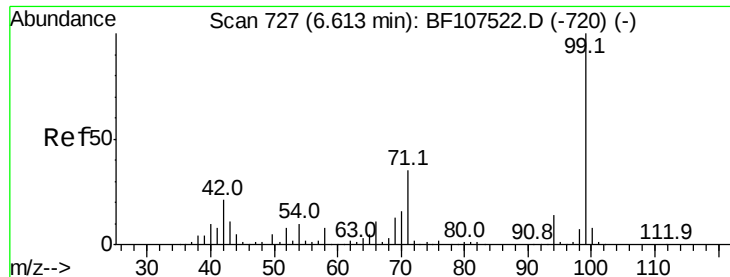


#5

2-Fluorophenol
Concen: 3.744 ng
RT: 5.61 min Scan# 556
Delta R.T. 0.00 min
Lab File: BF107543.D
Acq: 21 Jul 2018 00:03

Tgt Ion:112 Resp: 69302
Ion Ratio Lower Upper
112 100
64 72.3 47.9 71.9#
63 26.8 23.7 35.5





#7

Phenol-d6

Concen: 3.119 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF107543.D

Acq: 21 Jul 2018 00:03

Instrument :

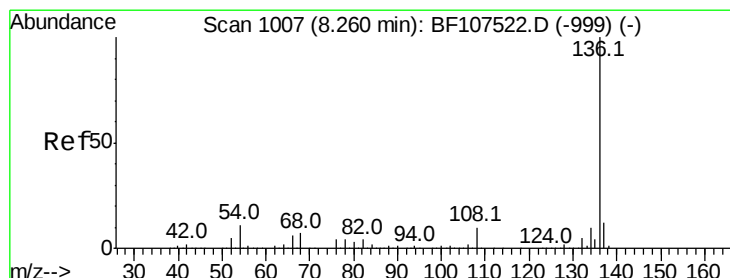
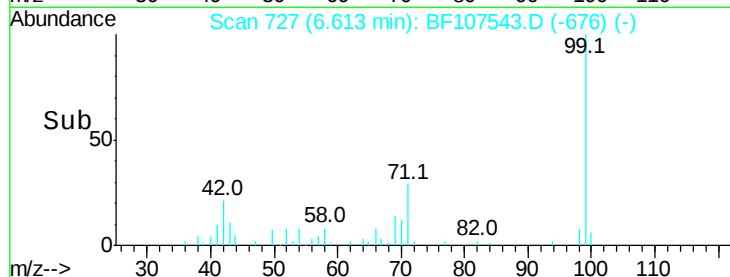
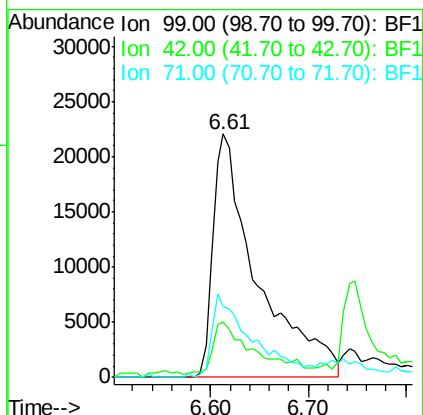
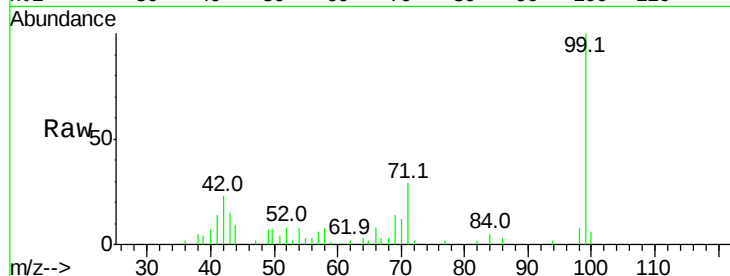
BNA_F

ClientSampleId :

DRUM-3-4

Tot Ion: 99 Resp: 69313

Ion	Ratio	Lower	Upper
99	100		
42	22.7	14.5	21.7#
71	29.3	25.4	38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1006

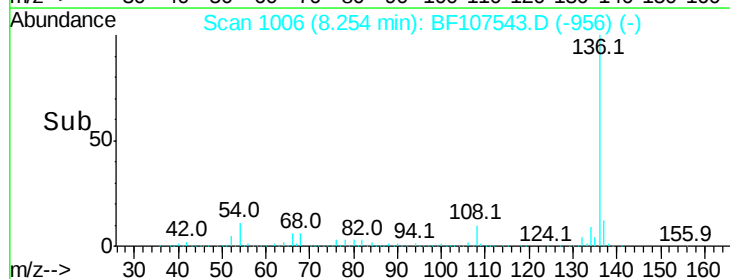
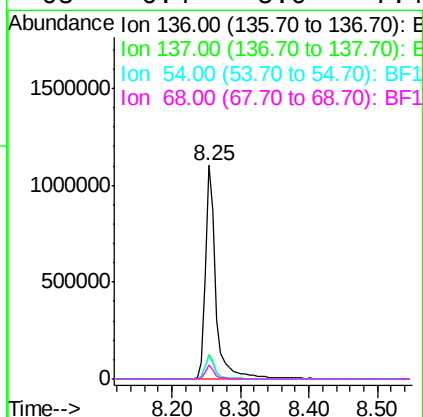
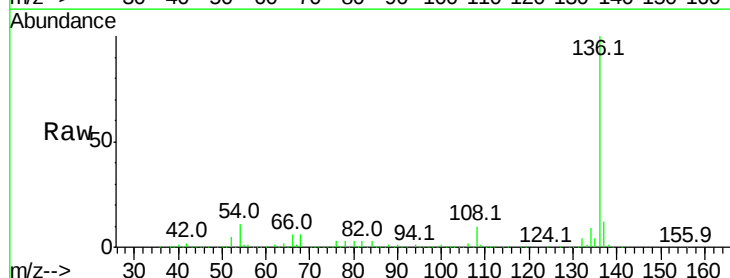
Delta R.T. -0.01 min

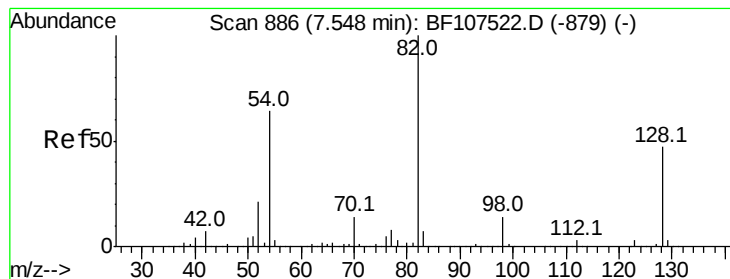
Lab File: BF107543.D

Acq: 21 Jul 2018 00:03

Tgt Ion: 136 Resp: 1216982

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.9	13.3
54	10.5	6.6	9.8#
68	6.4	5.0	7.4





#23

Nitrobenzene-d5

Concen: 9.107 ng

RT: 7.54 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF107543.D

Acq: 21 Jul 2018 00:03

Instrument :

BNA_F

ClientSampleId :

DRUM-3-4

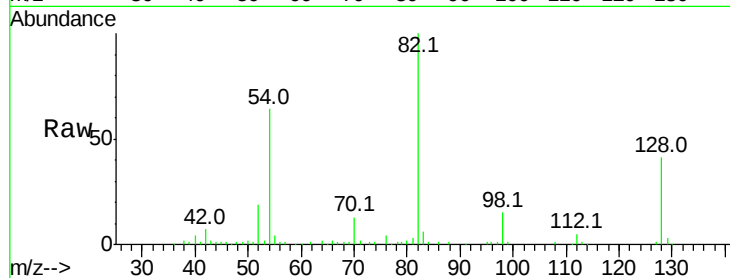
Tot Ion: 82 Resp: 164230

Ion Ratio Lower Upper

82 100

128 41.2 36.1 54.1

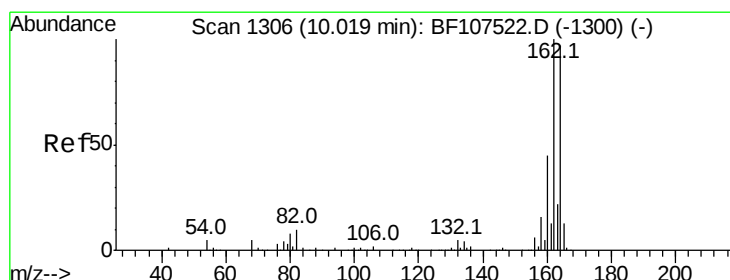
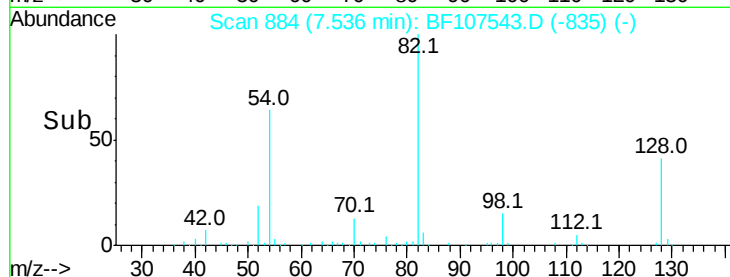
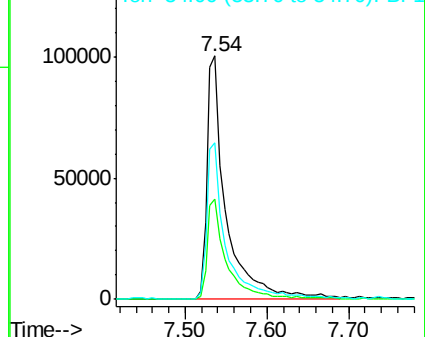
54 64.3 41.4 62.2#



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: 10.01 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF107543.D

Acq: 21 Jul 2018 00:03

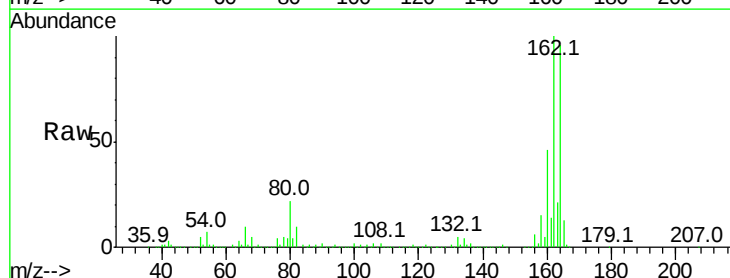
Tgt Ion:164 Resp: 520857

Ion Ratio Lower Upper

164 100

162 104.2 86.1 129.1

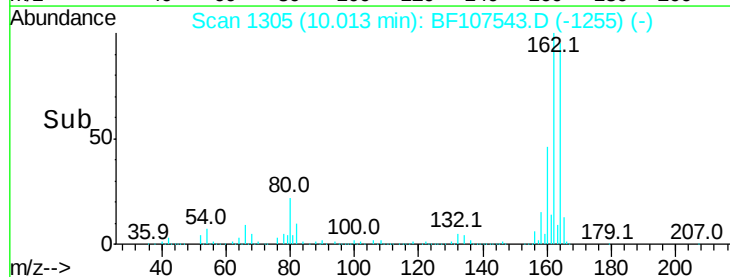
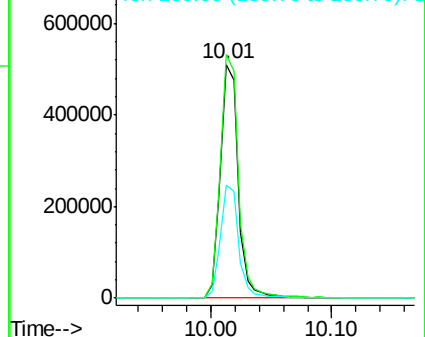
160 48.2 38.3 57.5

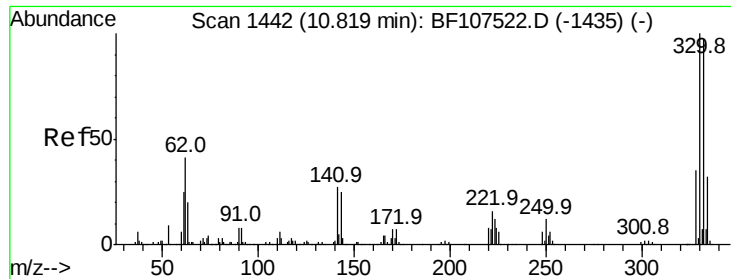


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

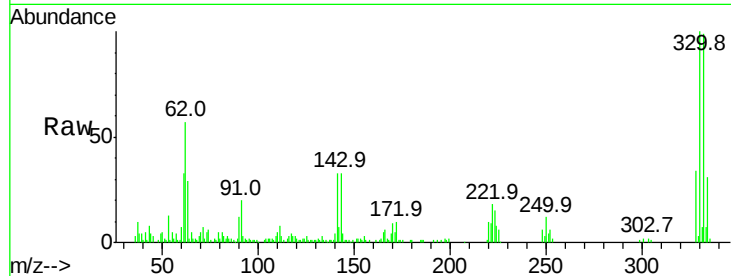




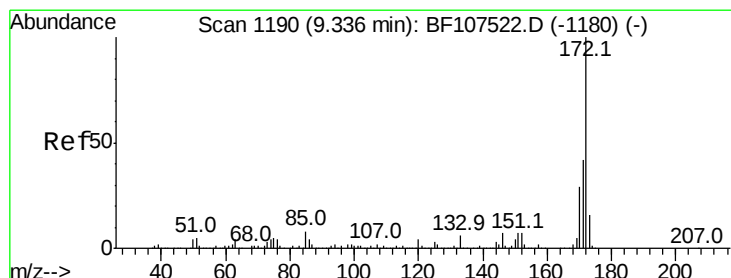
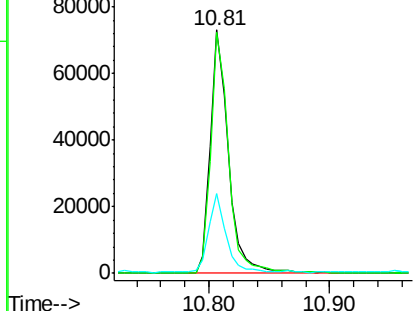
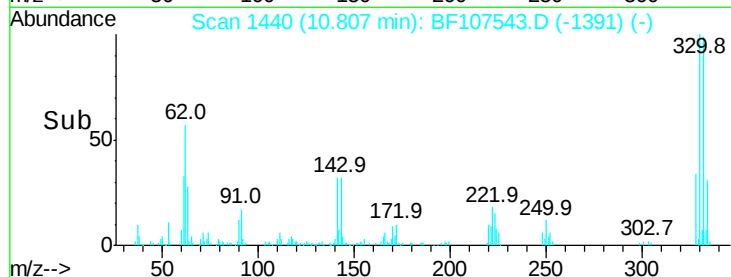
#41
 2,4,6-Tribromophenol
 Concen: 12.751 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF107543.D
 Acq: 21 Jul 2018 00:03

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-3-4

Tot Ion:330 Resp: 75525
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.0 115.6
 141 31.4 29.9 44.9

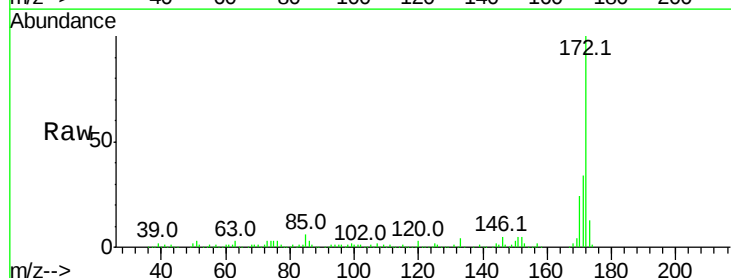


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

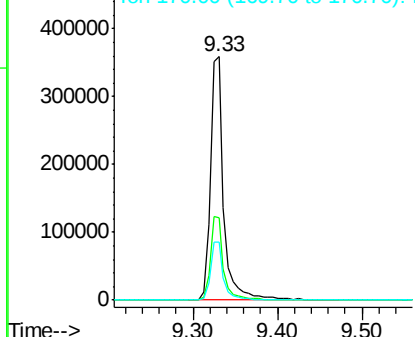
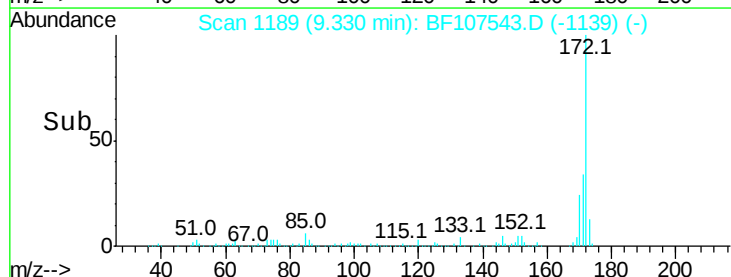


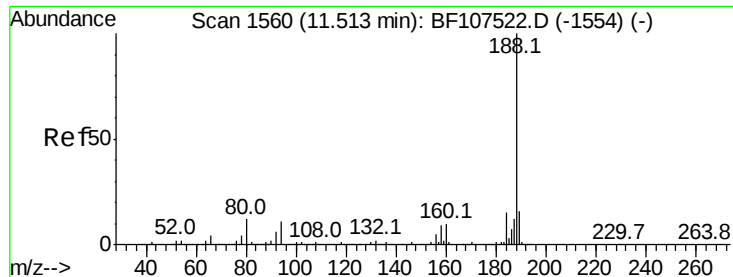
#44
 2-Fluorobiphenyl
 Concen: 6.840 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF107543.D
 Acq: 21 Jul 2018 00:03

Tgt Ion:172 Resp: 397698
 Ion Ratio Lower Upper
 172 100
 171 33.6 29.7 44.5
 170 23.9 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

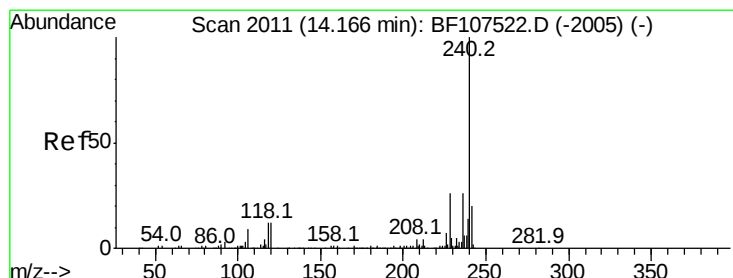
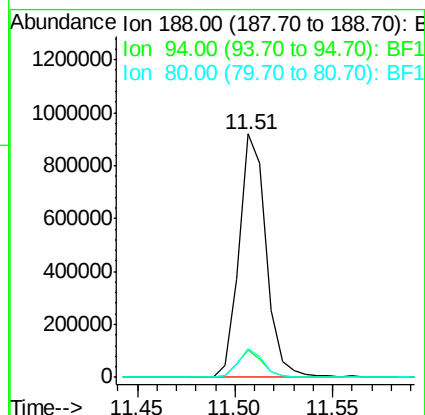
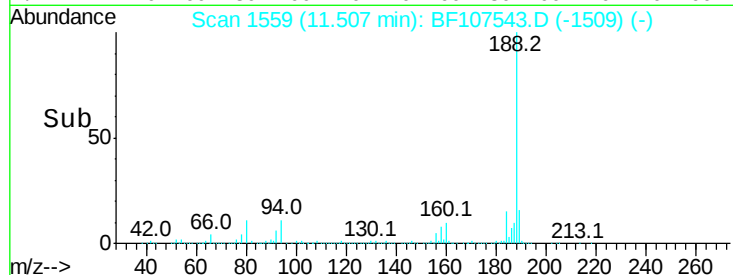
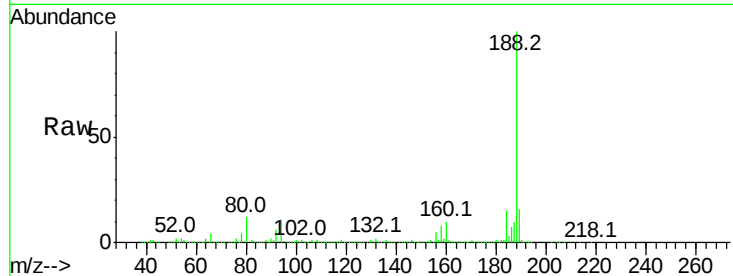




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF107543.D
Acq: 21 Jul 2018 00:03

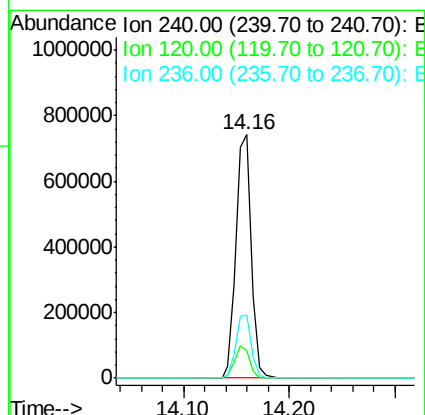
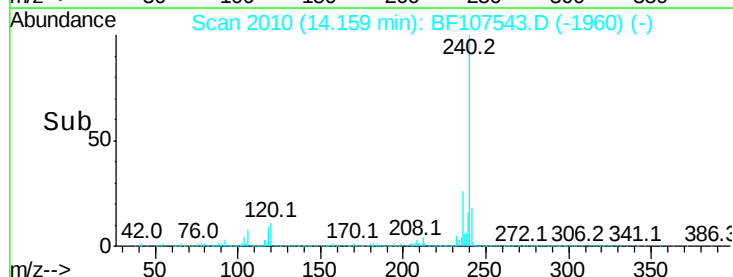
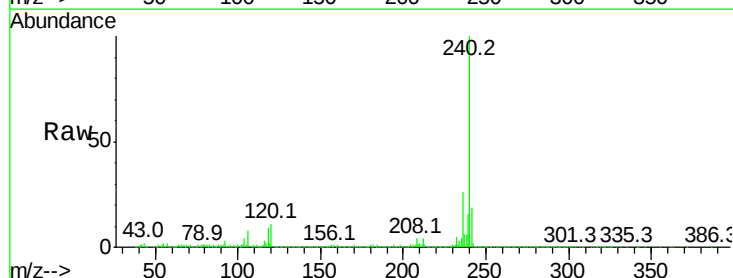
Instrument :
BNA_F
ClientSampleId :
DRUM-3-4

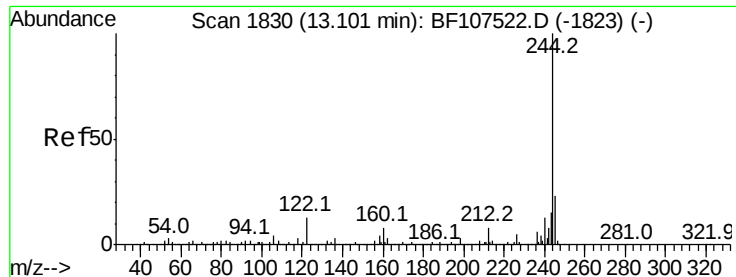
Tot Ion:188 Resp: 886409
Ion Ratio Lower Upper
188 100
94 11.1 8.5 12.7
80 11.6 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BF107543.D
Acq: 21 Jul 2018 00:03

Tgt Ion:240 Resp: 732786
Ion Ratio Lower Upper
240 100
120 11.2 9.5 14.3
236 25.9 20.7 31.1

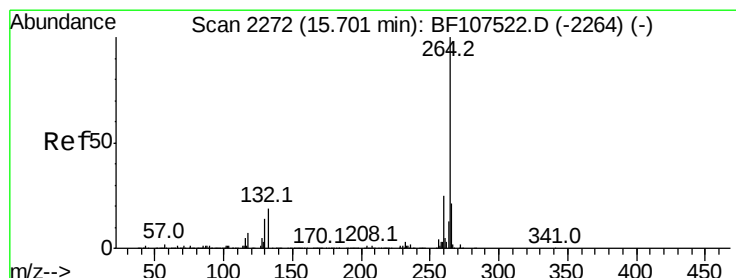
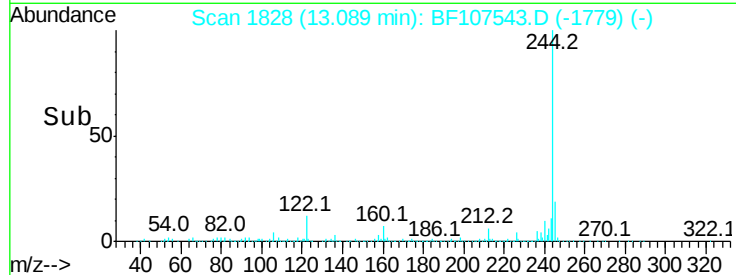
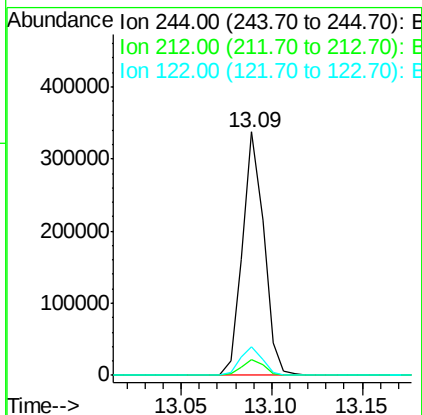
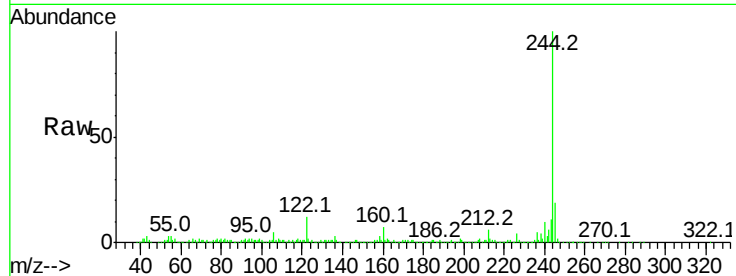




#78
 Terphenyl-d14
 Concen: 9.784 ng
 RT: 13.09 min Scan# 1828
 Delta R.T. -0.01 min
 Lab File: BF107543.D
 Acq: 21 Jul 2018 00:03

Instrument :
 BNA_F
 ClientSampled :
 DRUM-3-4

Tot Ion:244 Resp: 280058
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.4 8.0
 122 11.8 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: BF107543.D
 Acq: 21 Jul 2018 00:03

Tgt Ion:264 Resp: 783339
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.2 28.8
 265 21.6 17.5 26.3

