

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
 Data File : BF107687.D
 Acq On : 26 Jul 2018 5:56
 Operator : JU/SJ
 Sample : J4133-04
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 072318-DBRI-F-U-B

Quant Time: Jul 26 08:08:47 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	170804	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	612189	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	225869	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	404636	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	339463	20.00	ng	-0.01
86) Perylene-d12	15.69	264	264524	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	405080	38.13	ng	-0.01
7) Phenol-d6	6.60	99	379333	29.74	ng	-0.02
23) Nitrobenzene-d5	7.54	82	1091143	120.29	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	254762	99.19	ng	-0.02
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng	
78) Terphenyl-d14	13.09	244	1281087	96.61	ng	-0.01

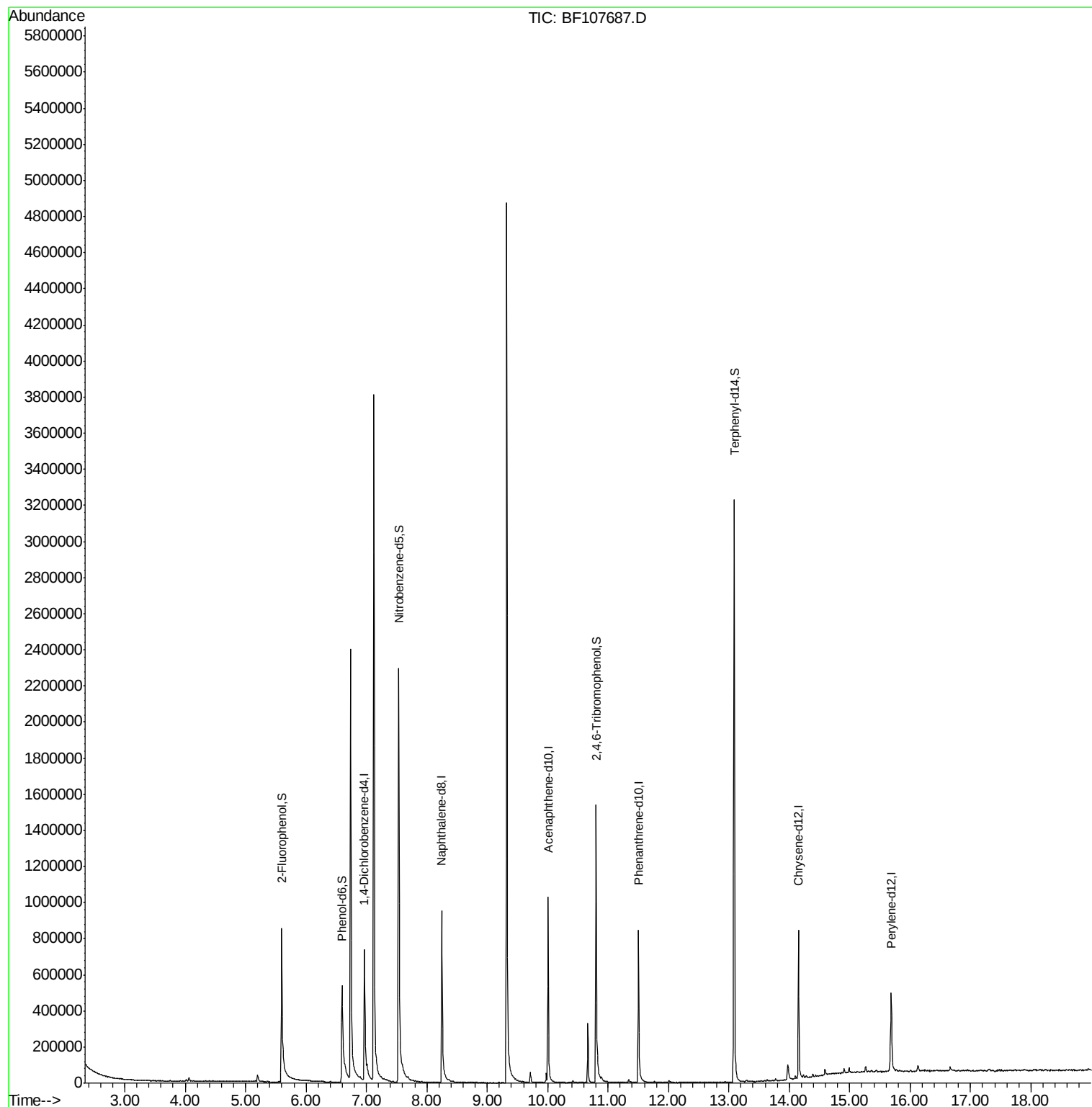
Target Compounds Qvalue

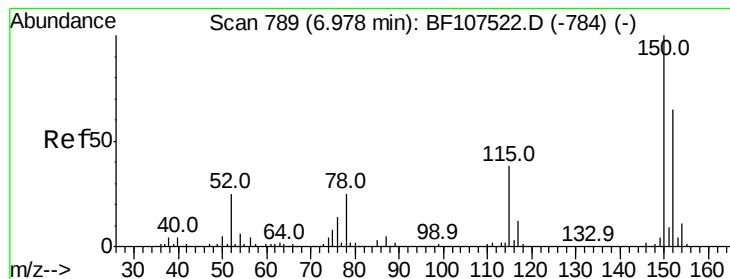
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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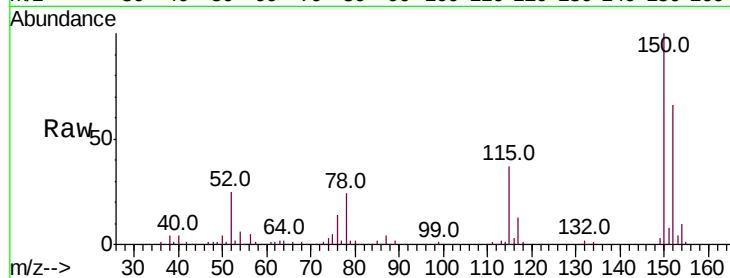


#1

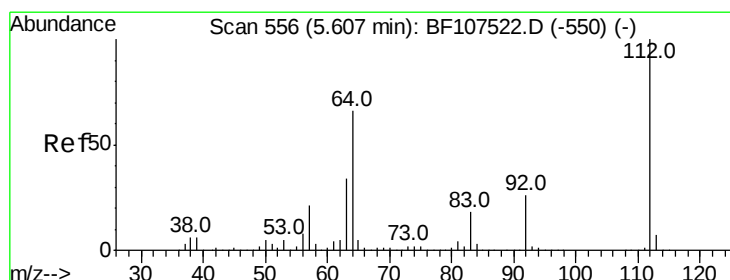
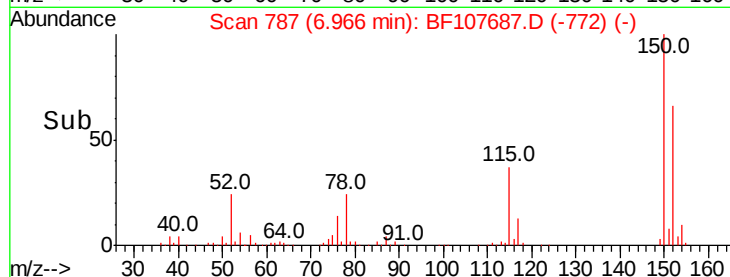
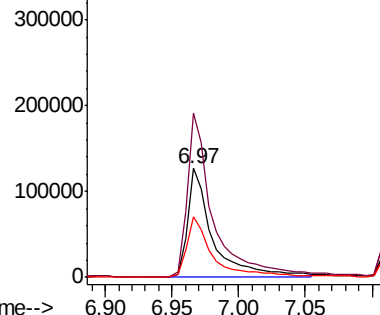
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF107687.D
Acq: 26 Jul 2018 5:56

Instrument :
BNA_F
ClientSampleId :
072318-DBRI-F-U-B

Tot Ion:152 Resp: 170804
Ion Ratio Lower Upper
152 100
150 150.4 124.6 186.8
115 55.1 50.1 75.1



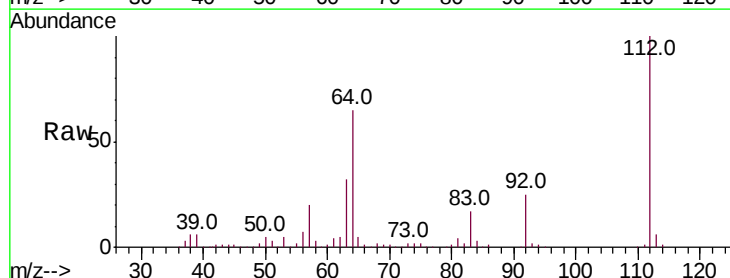
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



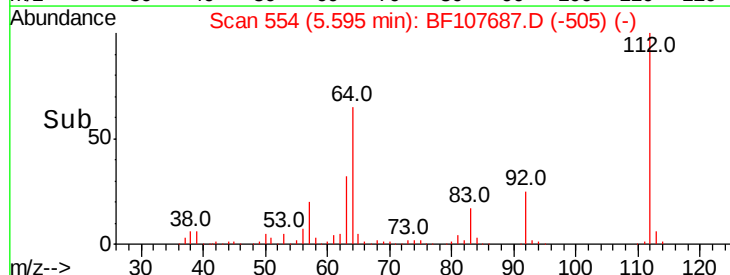
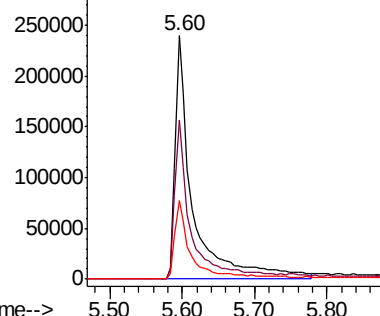
#5

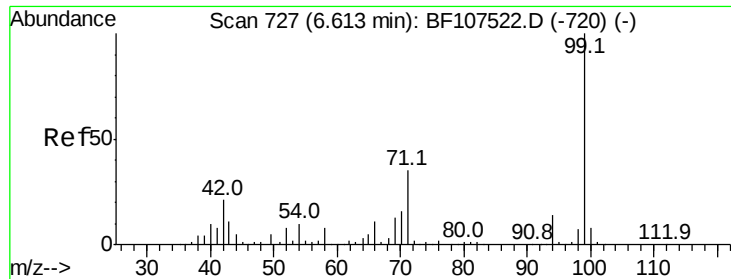
2-Fluorophenol
Concen: 38.131 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107687.D
Acq: 26 Jul 2018 5:56

Tgt Ion:112 Resp: 405080
Ion Ratio Lower Upper
112 100
64 65.4 47.9 71.9
63 32.5 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: 29.738 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107687.D

Acq: 26 Jul 2018 5:56

Instrument :

BNA_F

ClientSampleId :

072318-DBRI-F-U-B

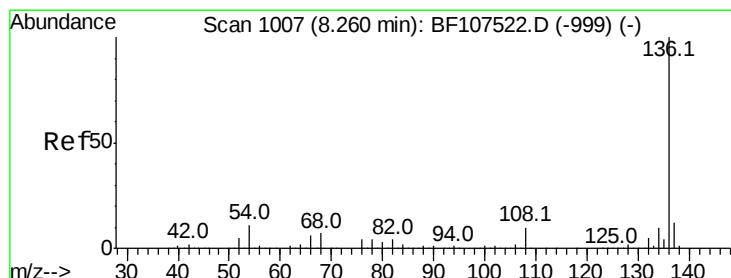
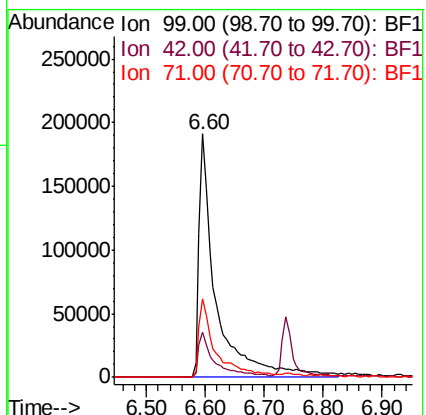
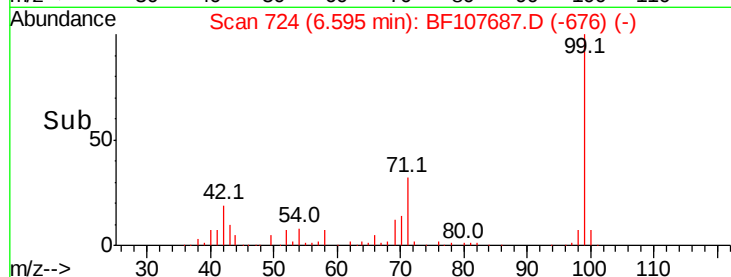
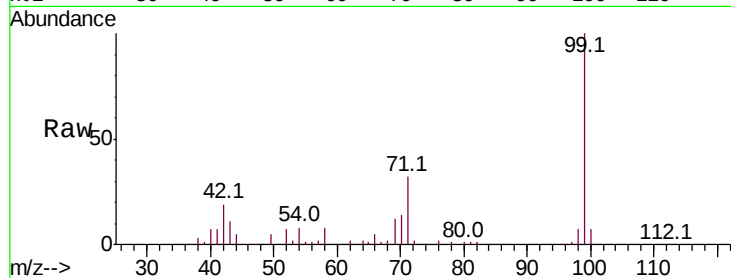
Tot Ion: 99 Resp: 379333

Ion Ratio Lower Upper

99 100

42 18.8 14.5 21.7

71 32.2 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF107687.D

Acq: 26 Jul 2018 5:56

Tgt Ion: 136 Resp: 612189

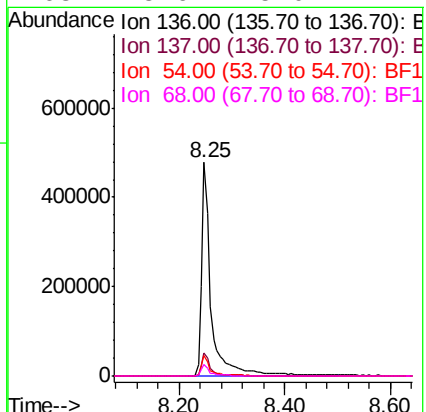
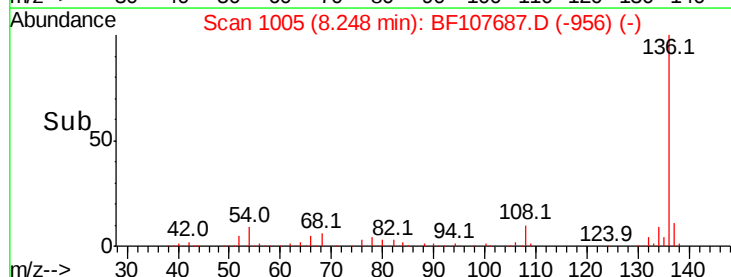
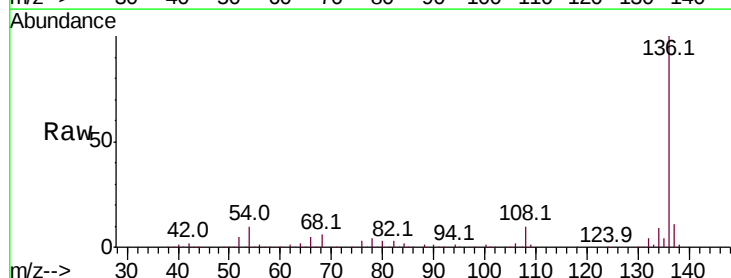
Ion Ratio Lower Upper

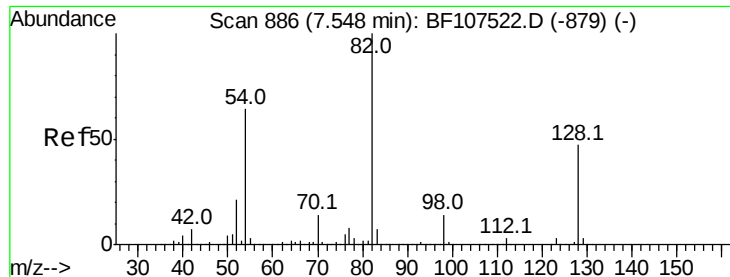
136 100

137 10.9 8.9 13.3

54 9.6 6.6 9.8

68 5.6 5.0 7.4

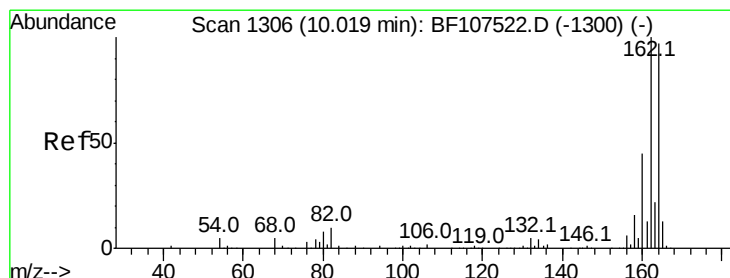
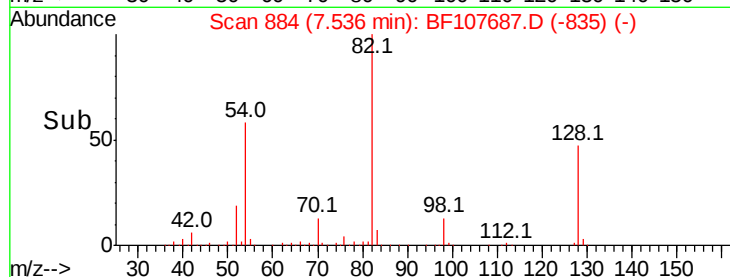
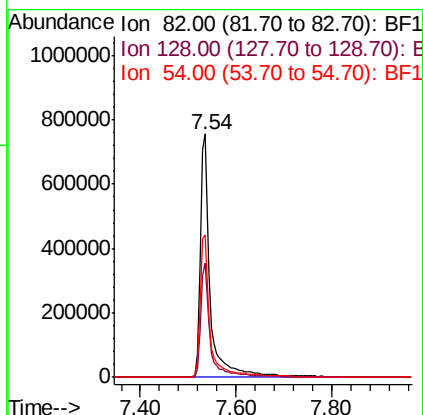
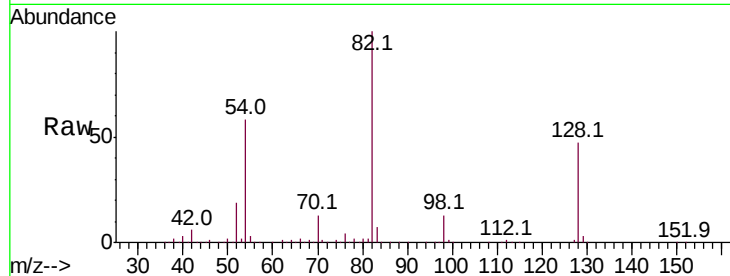




#23
Nitrobenzene-d5
Concen: 120.287 ng
RT: 7.54 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF107687.D
Acq: 26 Jul 2018 5:56

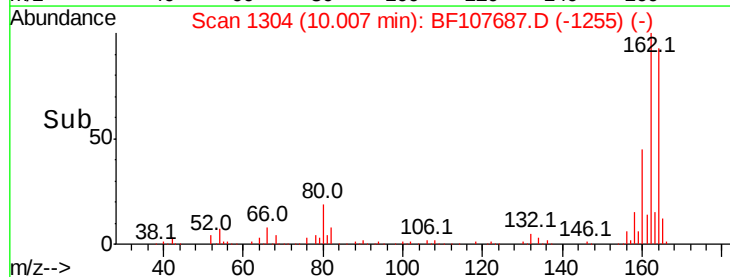
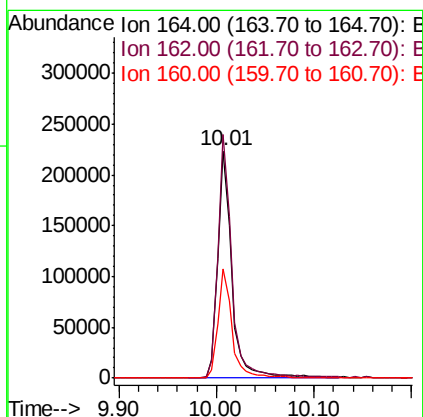
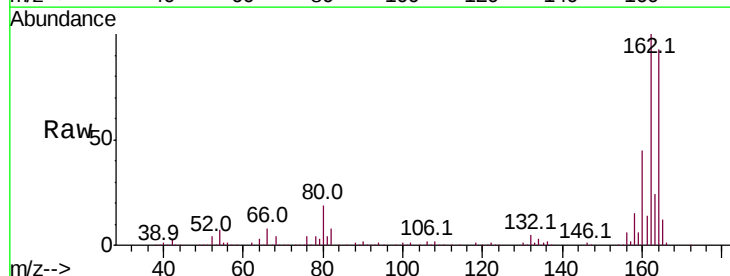
Instrument :
BNA_F
ClientSampleId :
072318-DBRI-F-U-B

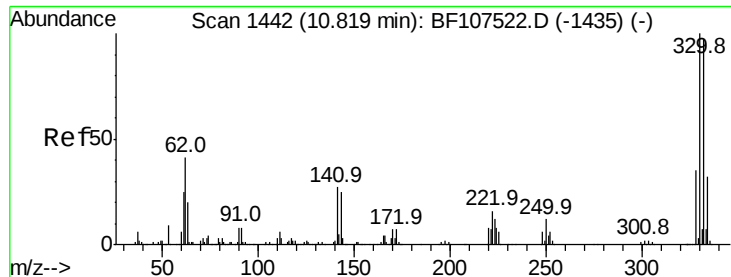
Tot Ion: 82 Resp: 1091143
Ion Ratio Lower Upper
82 100
128 47.1 36.1 54.1
54 58.3 41.4 62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF107687.D
Acq: 26 Jul 2018 5:56

Tgt Ion:164 Resp: 225869
Ion Ratio Lower Upper
164 100
162 107.0 86.1 129.1
160 48.3 38.3 57.5

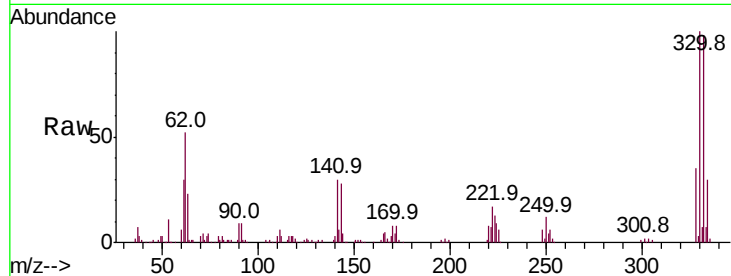




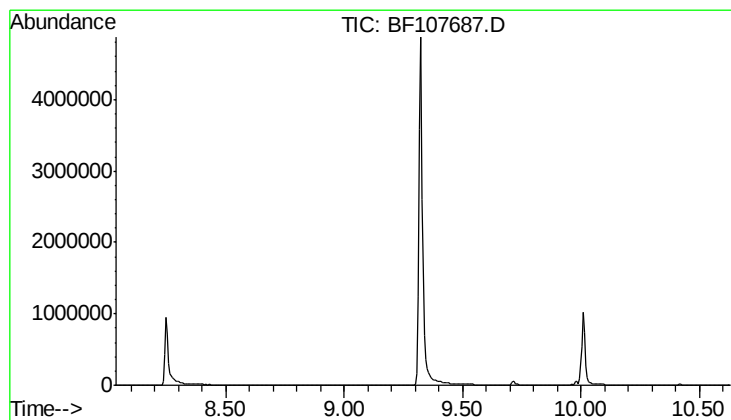
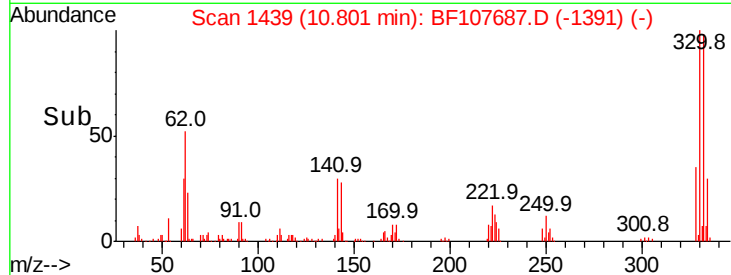
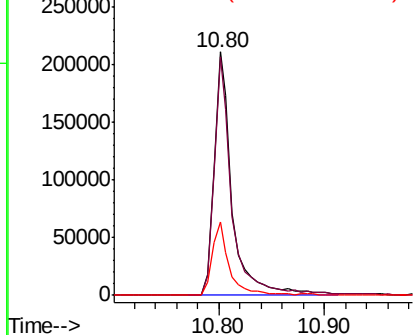
#41
 2,4,6-Tribromophenol
 Concen: 99.188 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.02 min
 Lab File: BF107687.D
 Acq: 26 Jul 2018 5:56

Instrument :
 BNA_F
 ClientSampleId :
 072318-DBRI-F-U-B

Tot Ion:330 Resp: 254762
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.0 115.6
 141 29.8 29.9 44.9#

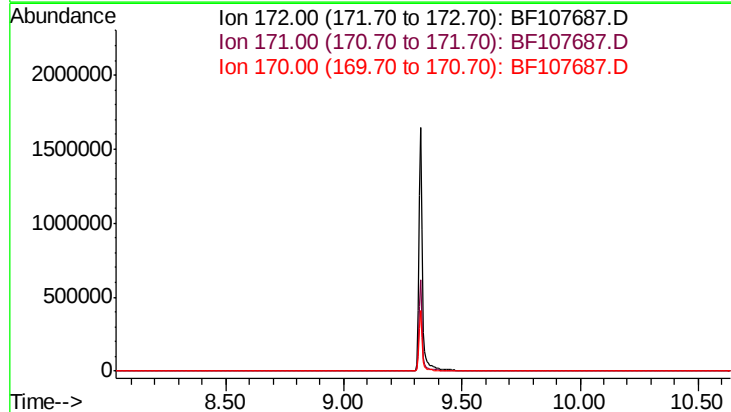


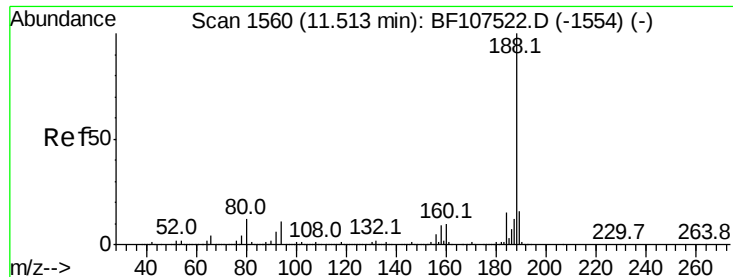
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 9.34 min
 Lab File: BF107687.D
 Acq: 26 Jul 2018 5:56

Tgt Ion: 172
 Sig Exp Ratio
 172 100
 171 37.1
 170 24.5

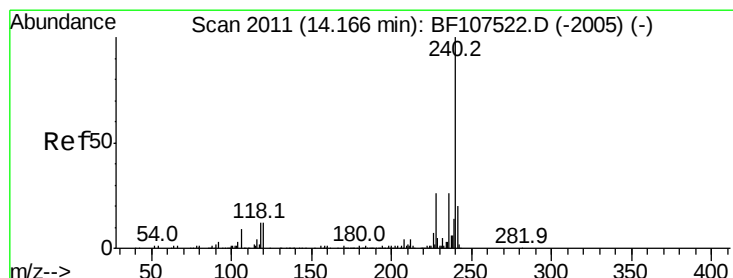
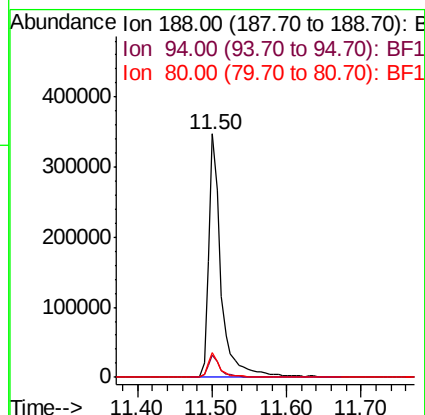
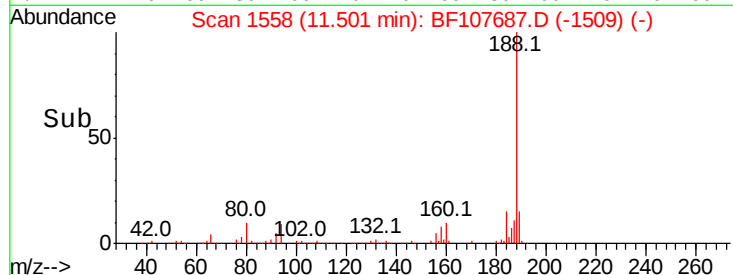
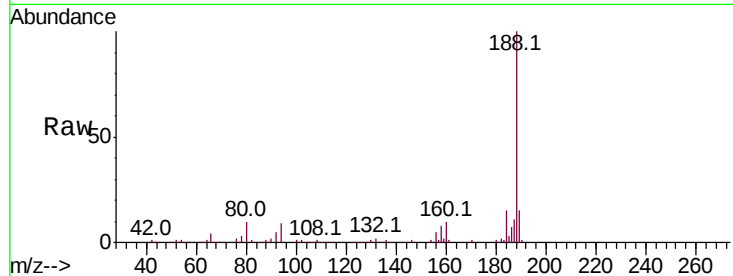




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF107687.D
Acq: 26 Jul 2018 5:56

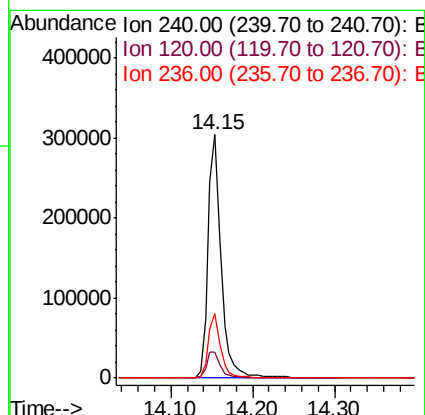
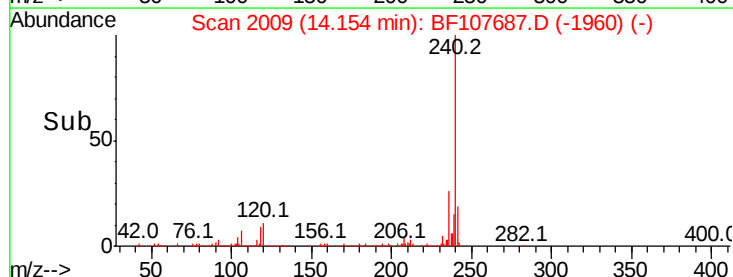
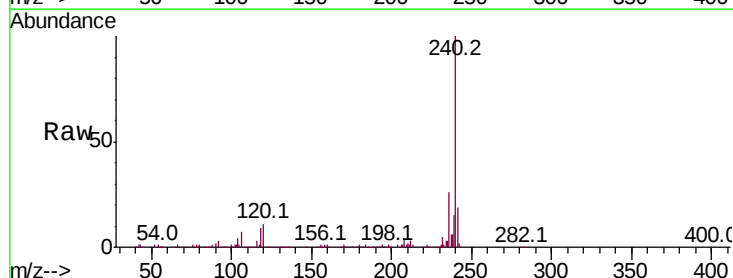
Instrument :
BNA_F
ClientSampleId :
072318-DBRI-F-U-B

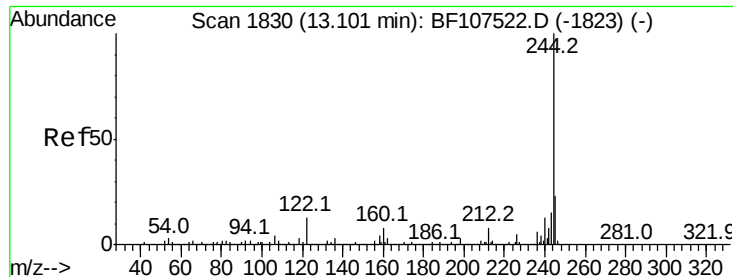
Tot Ion:188 Resp: 404636
Ion Ratio Lower Upper
188 100
94 9.3 8.5 12.7
80 10.1 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF107687.D
Acq: 26 Jul 2018 5:56

Tgt Ion:240 Resp: 339463
Ion Ratio Lower Upper
240 100
120 10.6 9.5 14.3
236 26.2 20.7 31.1





#78

Terphenyl-d14

Concen: 96.614 ng

RT: 13.09 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF107687.D

Acq: 26 Jul 2018 5:56

Instrument :

BNA_F

ClientSampleId :

072318-DBRI-F-U-B

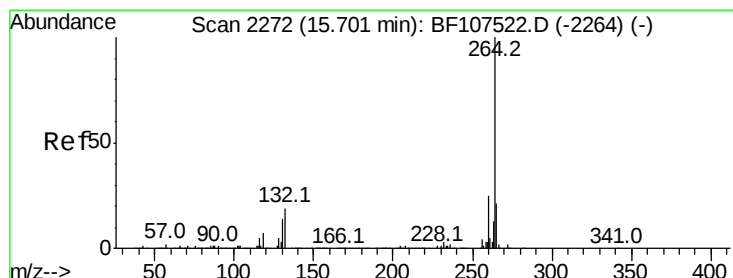
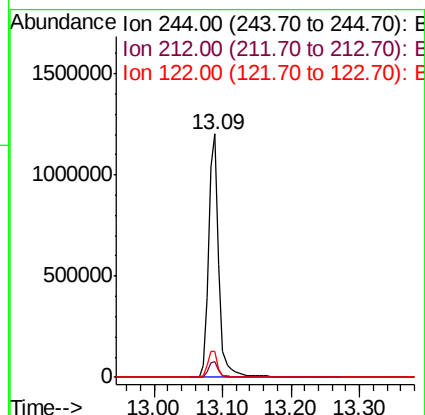
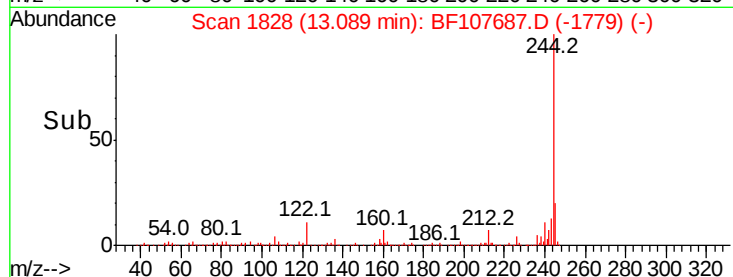
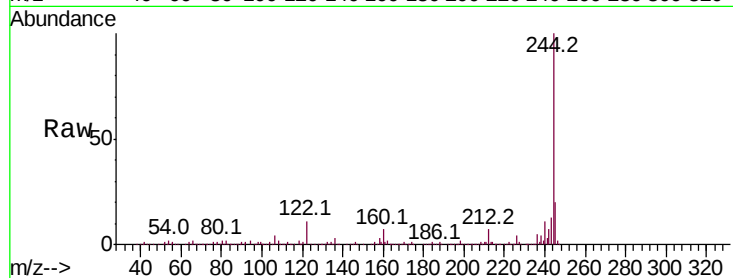
Tot Ion:244 Resp: 1281087

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

122 10.8 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: BF107687.D

Acq: 26 Jul 2018 5:56

Tgt Ion:264 Resp: 264524

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 21.4 17.5 26.3

