

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
 Data File : BF107689.D
 Acq On : 26 Jul 2018 6:50
 Operator : JU/SJ
 Sample : J4133-06
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

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

Quant Time: Jul 26 08:11:12 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	206731	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	762653	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	285594	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	478602	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	418841	20.00	ng	-0.01
86) Perylene-d12	15.69	264	348393	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	411738	32.02	ng	-0.01
7) Phenol-d6	6.60	99	384632	24.91	ng	-0.02
23) Nitrobenzene-d5	7.54	82	1221865	108.12	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	285525	87.92	ng	-0.02
44) 2-Fluorobiphenyl	9.32	172	2014526	147.62	ng	-0.01
78) Terphenyl-d14	13.09	244	1395687	85.31	ng	-0.01

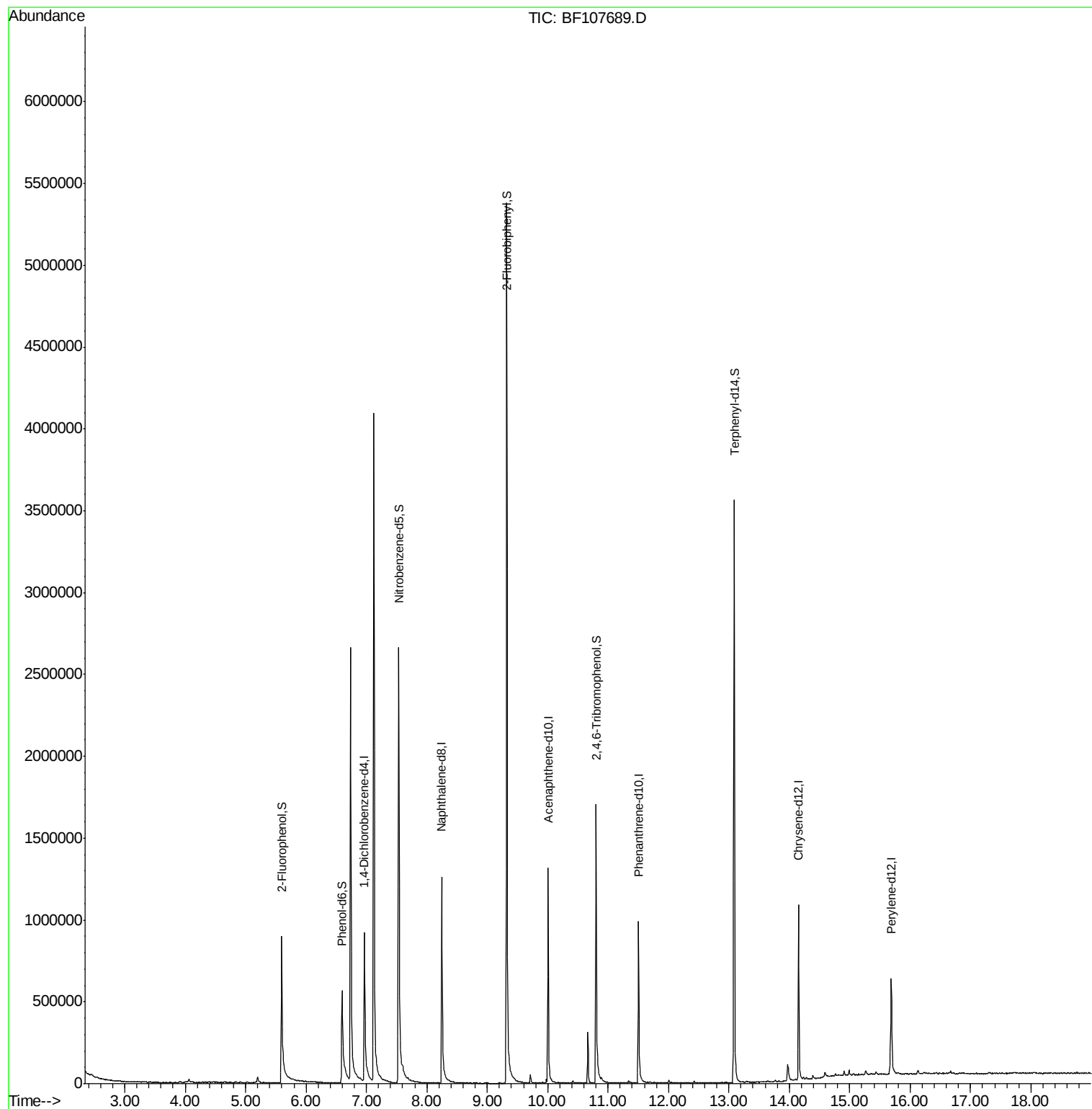
Target Compounds Qvalue

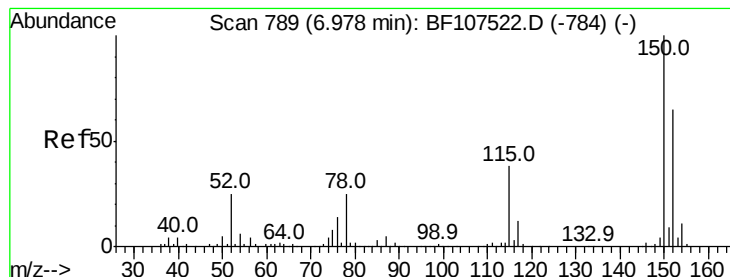
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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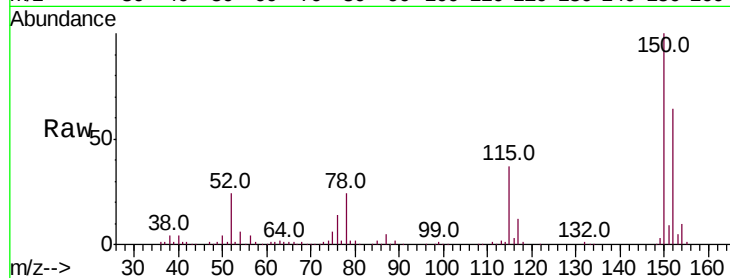


#1

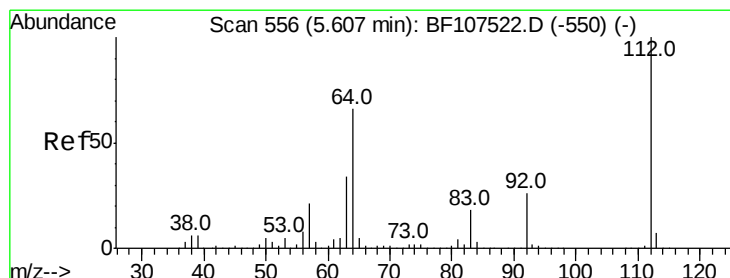
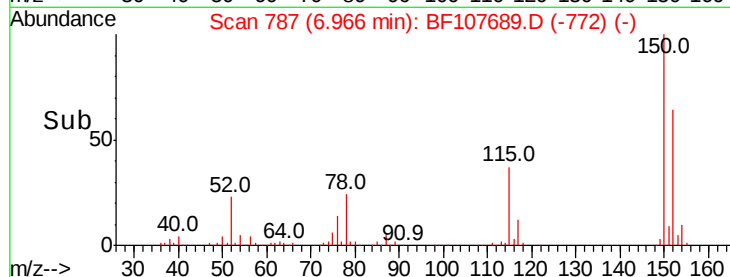
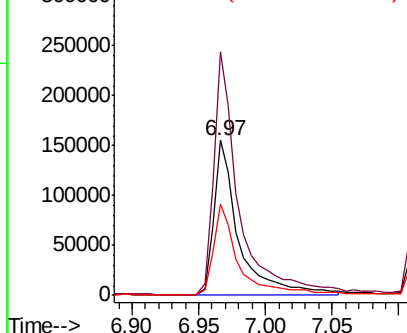
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 787
 Delta R.T. -0.01 min
 Lab File: BF107689.D
 Acq: 26 Jul 2018 6:50

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.6	186.8
115	58.7	50.1	75.1



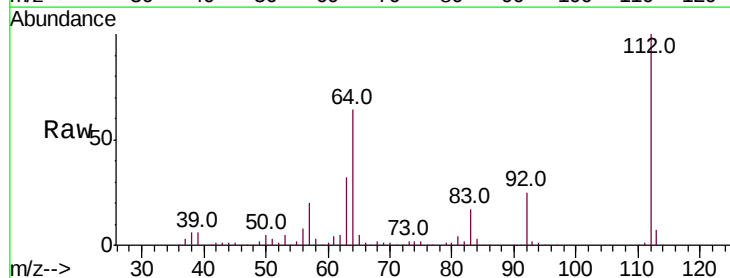
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



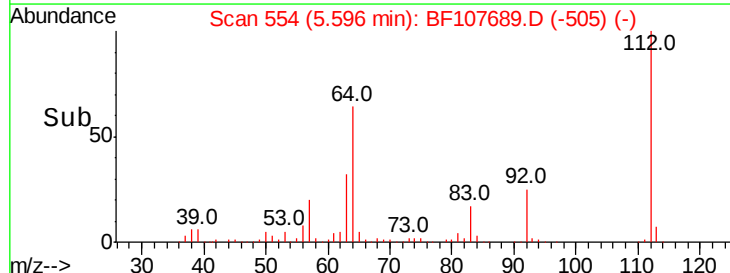
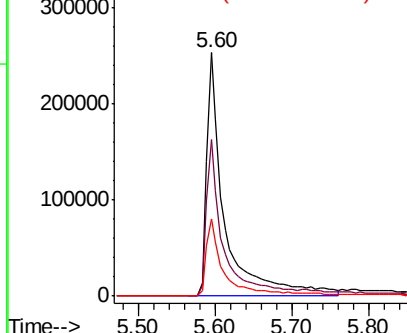
#5

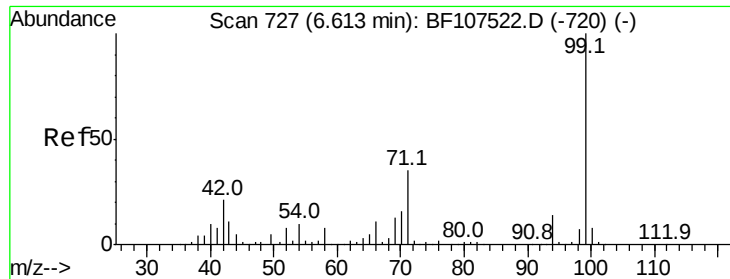
2-Fluorophenol
 Concen: 32.022 ng
 RT: 5.60 min Scan# 554
 Delta R.T. -0.01 min
 Lab File: BF107689.D
 Acq: 26 Jul 2018 6:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.1	47.9	71.9
63	31.8	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: 24.913 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107689.D

Acq: 26 Jul 2018 6:50

Instrument :

BNA_F

ClientSampleId :

072318-DBRI-F-U-S

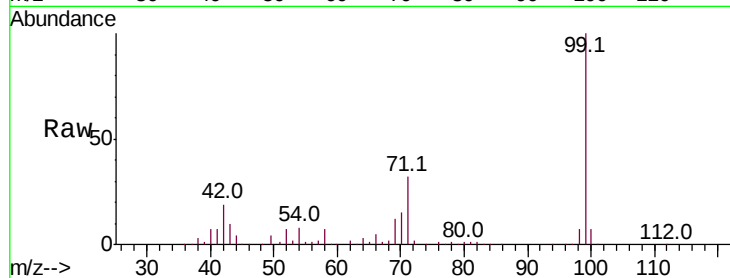
Tot Ion: 99 Resp: 384632

Ion Ratio Lower Upper

99 100

42 19.0 14.5 21.7

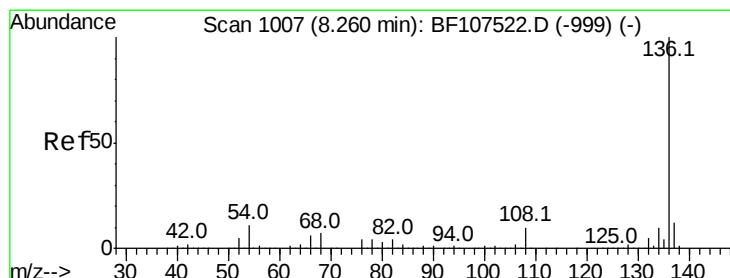
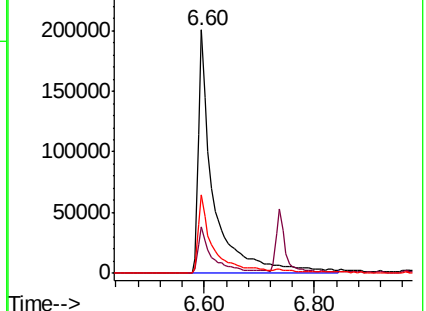
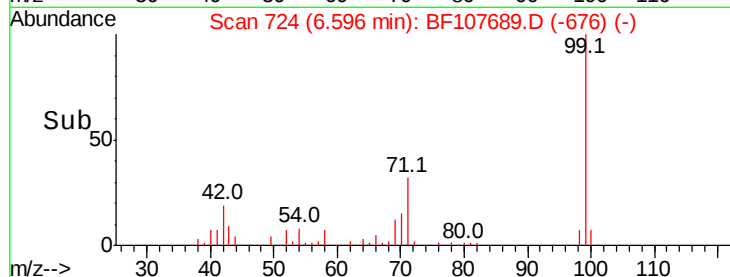
71 32.5 25.4 38.0



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: 8.25 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF107689.D

Acq: 26 Jul 2018 6:50

Tgt Ion: 136 Resp: 762653

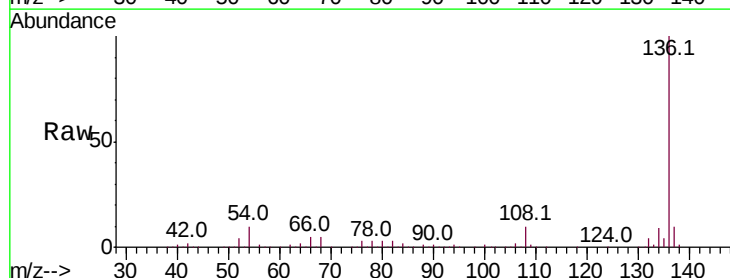
Ion Ratio Lower Upper

136 100

137 10.4 8.9 13.3

54 9.5 6.6 9.8

68 5.4 5.0 7.4

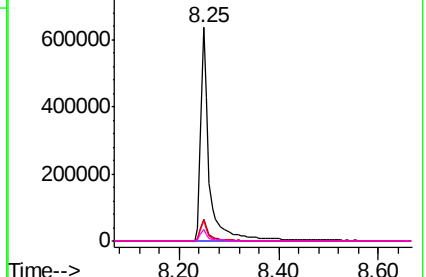
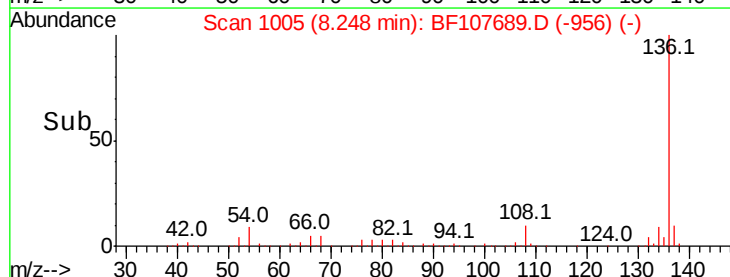


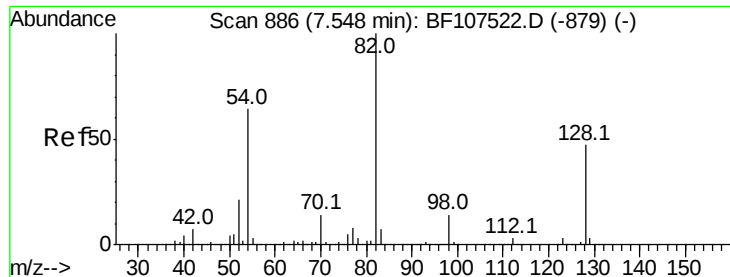
Abundance Ion 136.00 (135.70 to 136.70): E

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



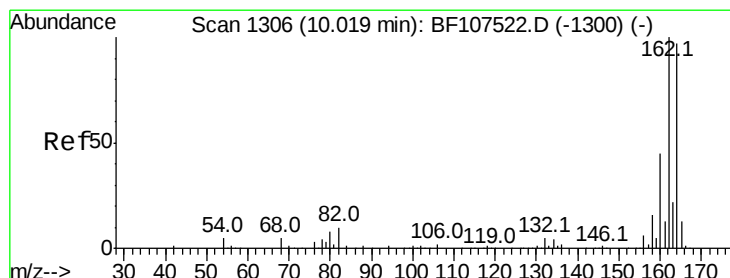
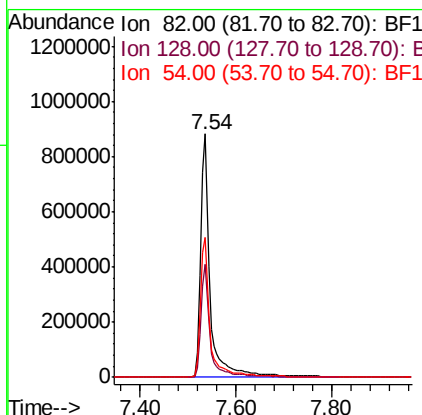
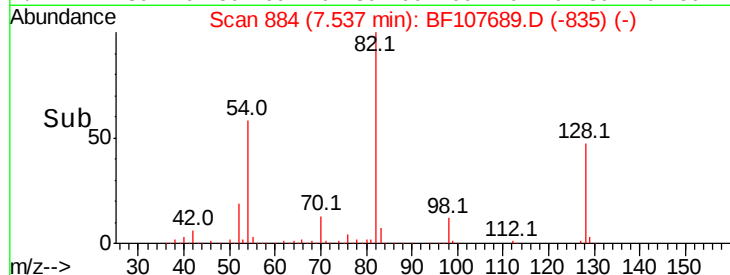
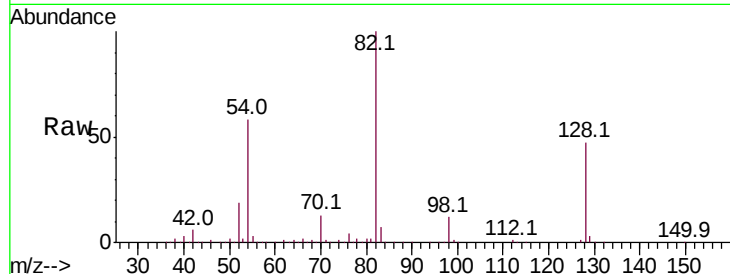


#23
 Nitrobenzene-d5
 Concen: 108.124 ng
 RT: 7.54 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF107689.D
 Acq: 26 Jul 2018 6:50

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

Tot Ion: 82 Resp: 1221865

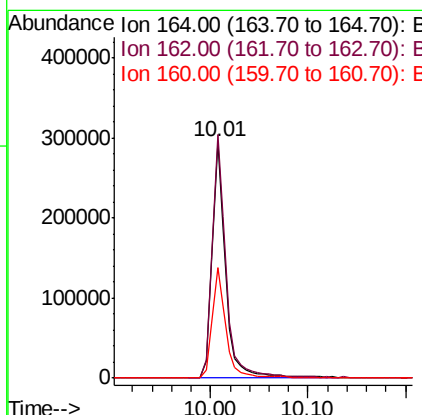
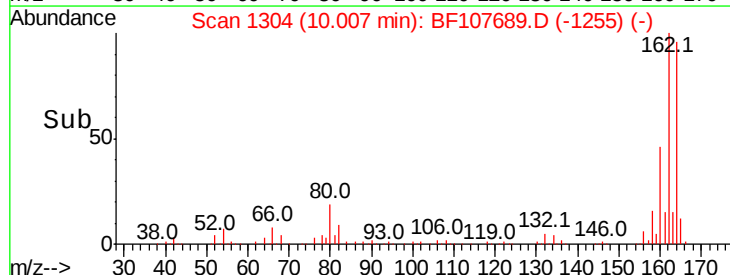
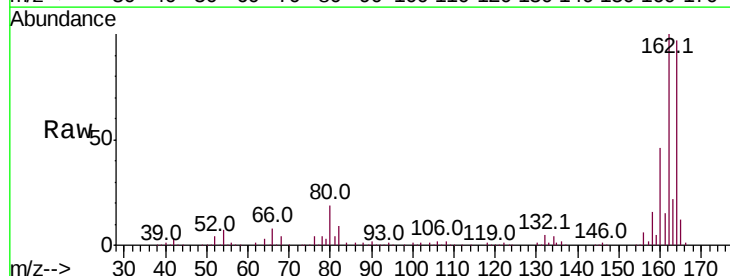
Ion	Ratio	Lower	Upper
82	100		
128	46.6	36.1	54.1
54	57.7	41.4	62.2

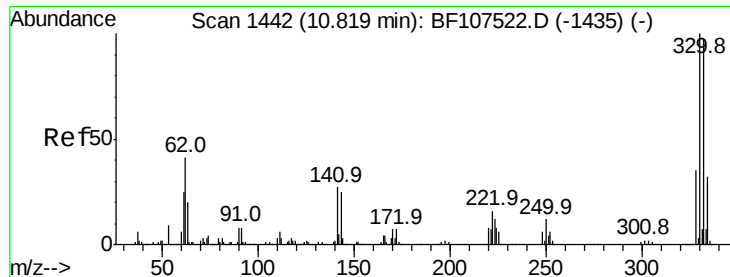


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF107689.D
 Acq: 26 Jul 2018 6:50

Tgt Ion: 164 Resp: 285594

Ion	Ratio	Lower	Upper
164	100		
162	103.1	86.1	129.1
160	46.9	38.3	57.5

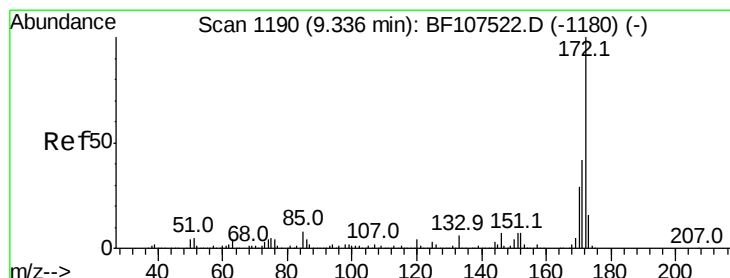
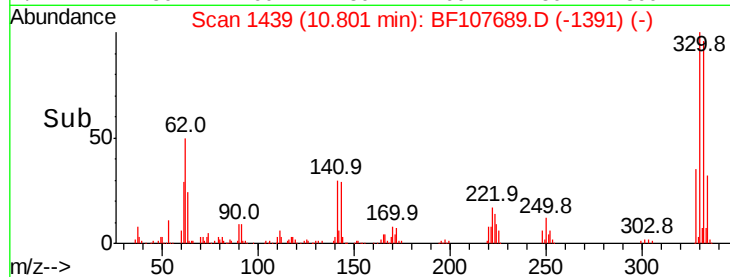
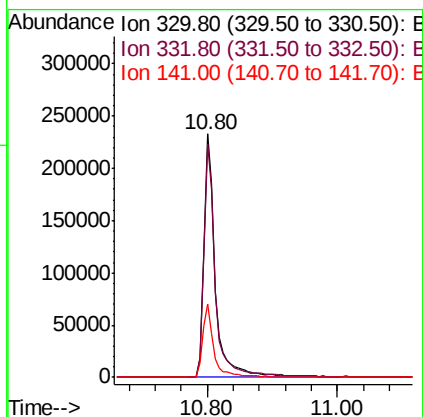
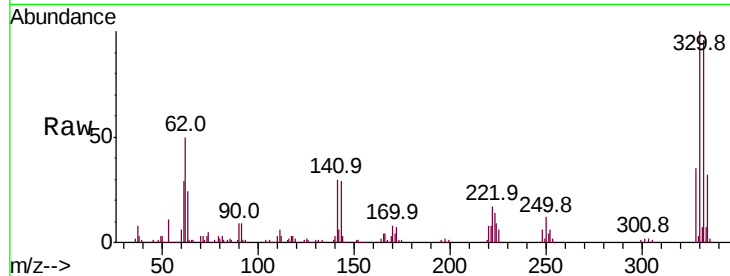




#41
 2,4,6-Tribromophenol
 Concen: 87.917 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.02 min
 Lab File: BF107689.D
 Acq: 26 Jul 2018 6:50

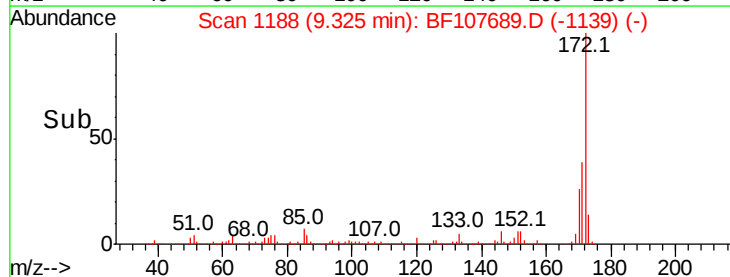
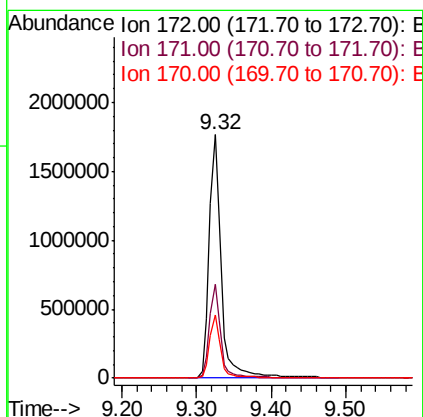
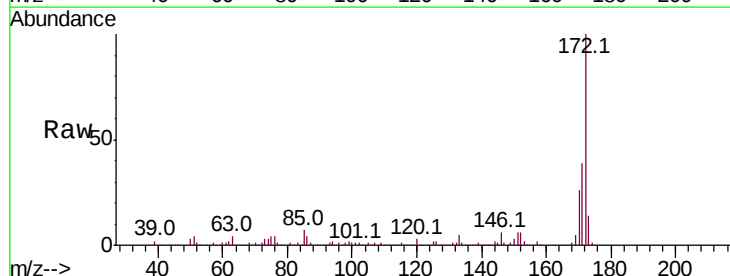
Instrument :
 BNA_F
 ClientSampleId :
 072318-DBRI-F-U-S

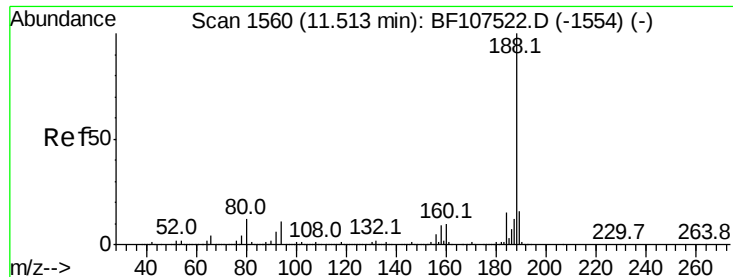
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	29.2	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 147.621 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF107689.D
 Acq: 26 Jul 2018 6:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.5	29.7	44.5
170	25.9	19.6	29.4

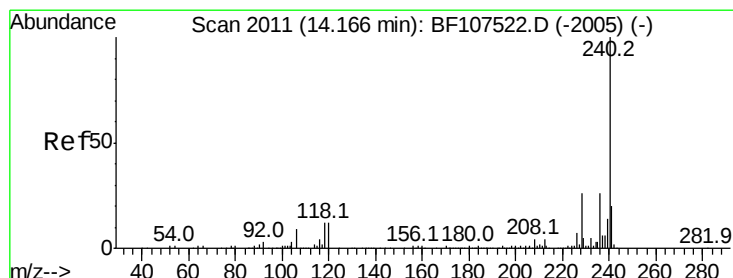
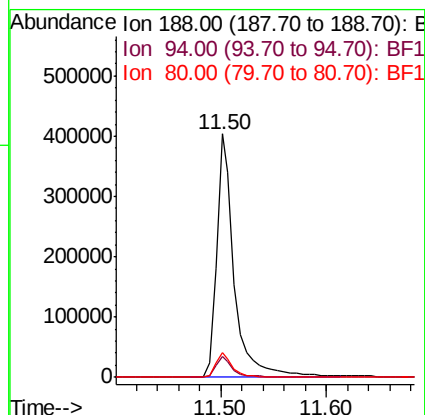
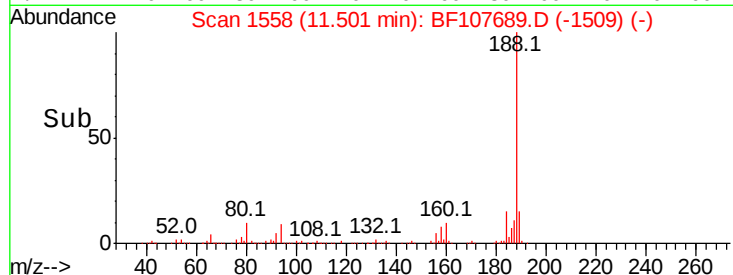
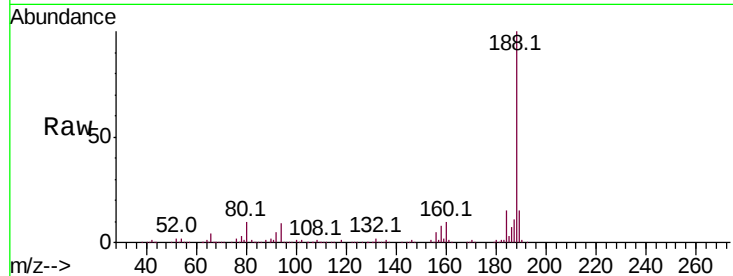




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF107689.D
Acq: 26 Jul 2018 6:50

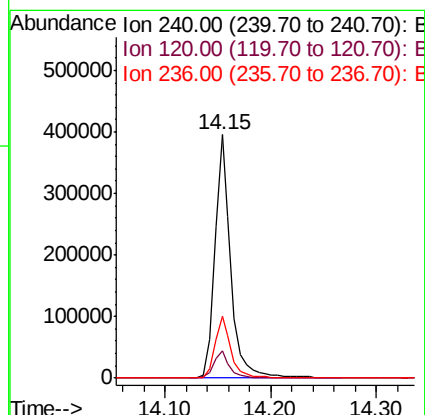
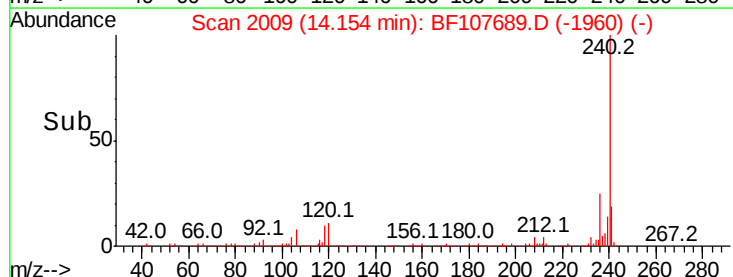
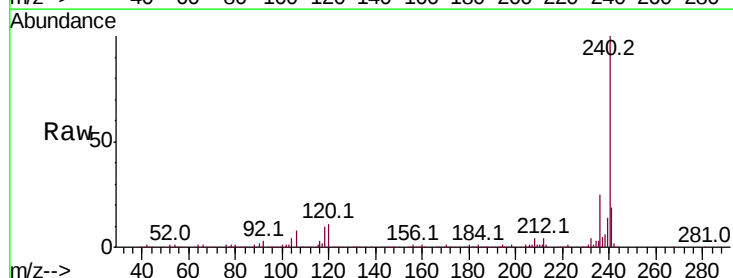
Instrument :
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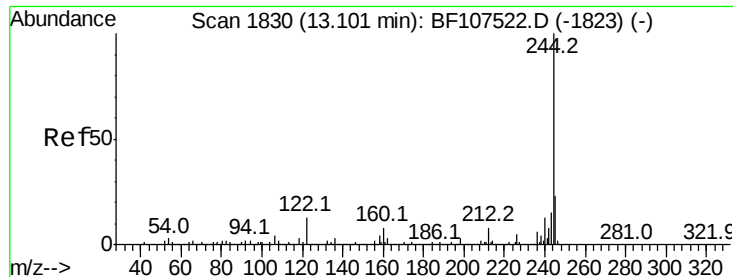
Tot Ion:188 Resp: 478602
Ion Ratio Lower Upper
188 100
94 8.8 8.5 12.7
80 10.1 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF107689.D
Acq: 26 Jul 2018 6:50

Tgt Ion:240 Resp: 418841
Ion Ratio Lower Upper
240 100
120 11.0 9.5 14.3
236 25.4 20.7 31.1

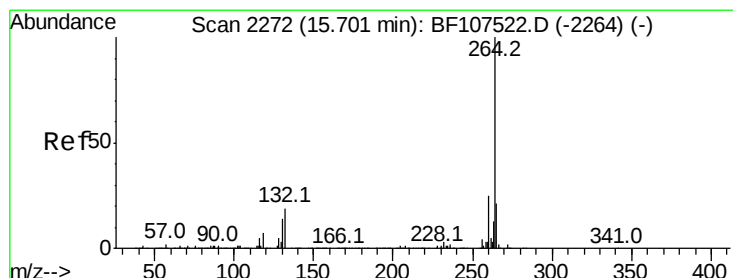
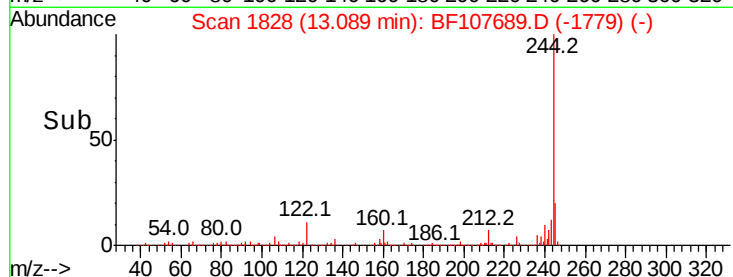
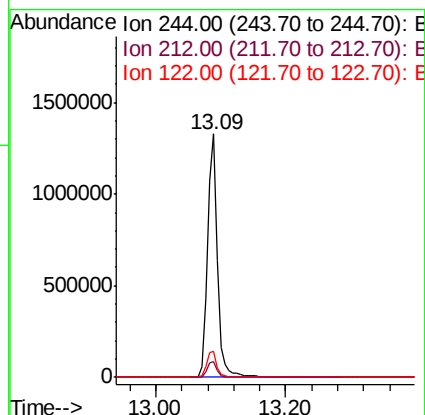
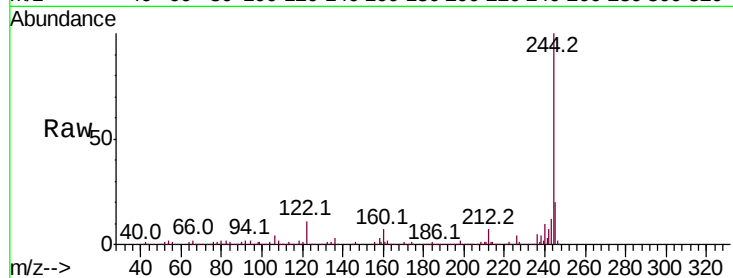




#78
 Terphenyl-d14
 Concen: 85.309 ng
 RT: 13.09 min Scan# 1828
 Delta R.T. -0.01 min
 Lab File: BF107689.D
 Acq: 26 Jul 2018 6:50

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

Tot Ion:244 Resp: 1395687
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 10.7 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: BF107689.D
 Acq: 26 Jul 2018 6:50

Tgt Ion:264 Resp: 348393
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 20.7 17.5 26.3

