

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
 Data File : BF107688.D
 Acq On : 26 Jul 2018 6:23
 Operator : JU/SJ
 Sample : J4133-05
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

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

Quant Time: Jul 26 08:10:02 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	192575	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	706283	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	274554	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	479001	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	362834	20.00	ng	-0.01
86) Perylene-d12	15.69	264	315244	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	435363	36.35	ng	-0.01
7) Phenol-d6	6.60	99	406019	28.23	ng	-0.02
23) Nitrobenzene-d5	7.54	82	1186792	113.40	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	293840	94.12	ng	-0.02
44) 2-Fluorobiphenyl	9.32	172	2045405	165.88	ng	-0.01
78) Terphenyl-d14	13.09	244	1351472	95.36	ng	-0.01

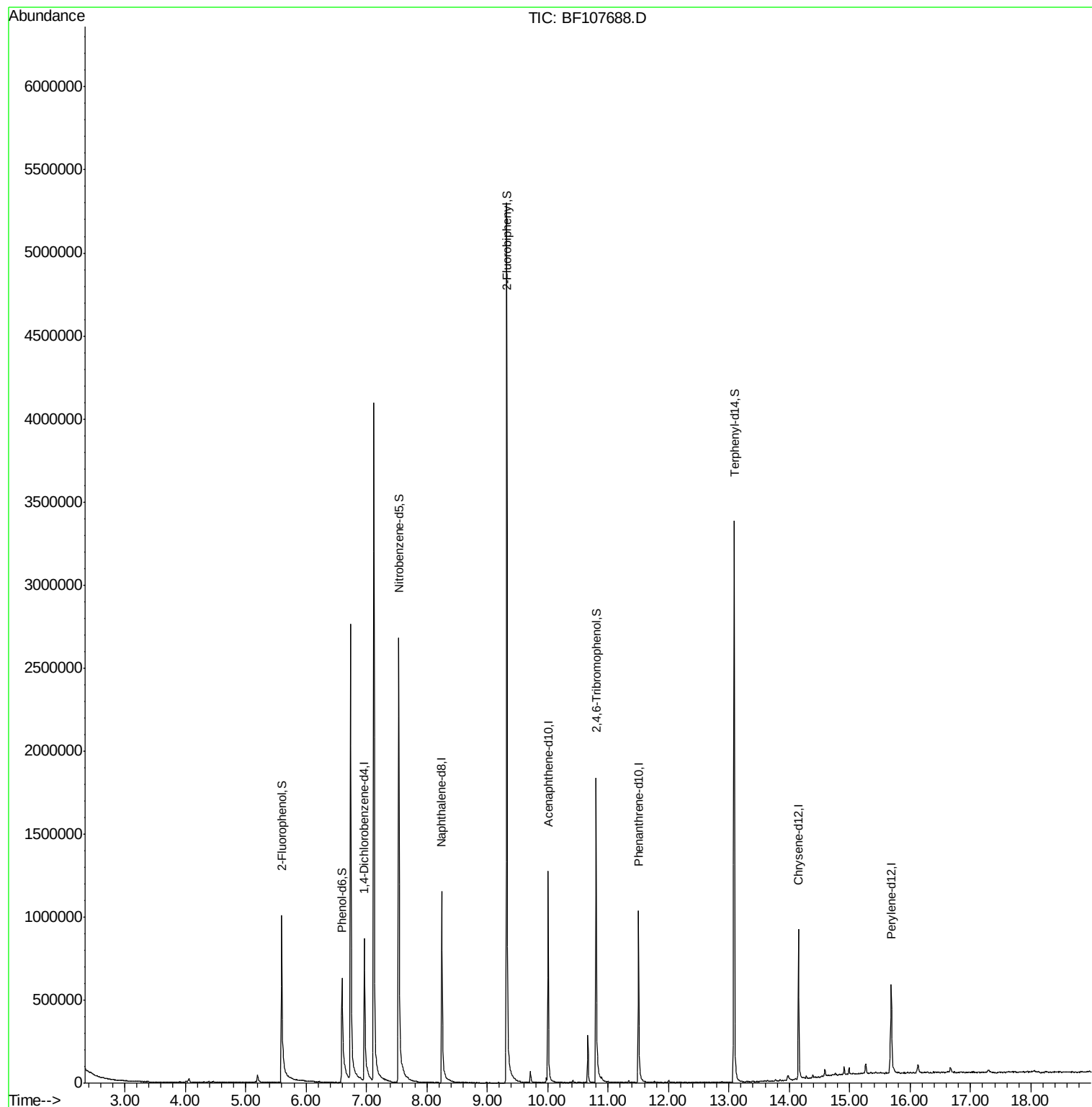
Target Compounds Qvalue

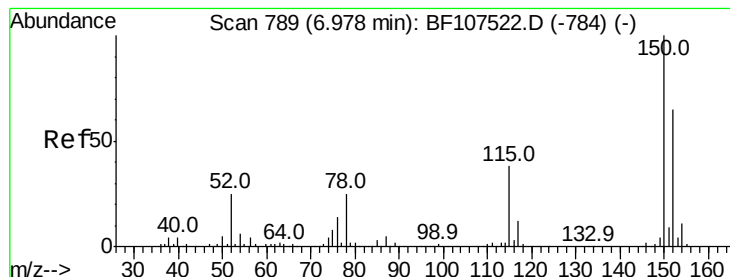
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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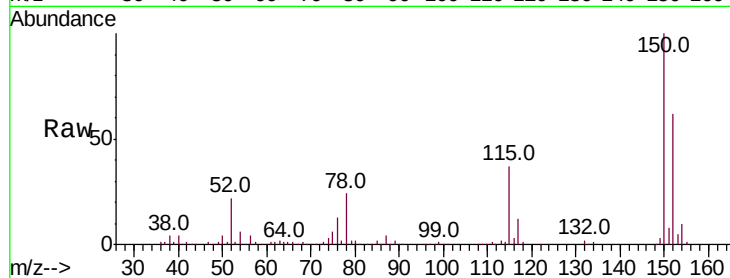


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF107688.D
Acq: 26 Jul 2018 6:23

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.1	124.6	186.8
115	59.3	50.1	75.1

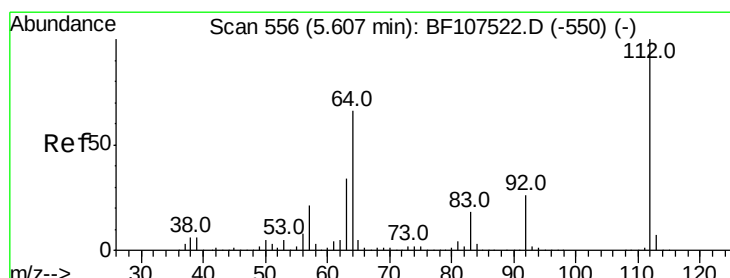
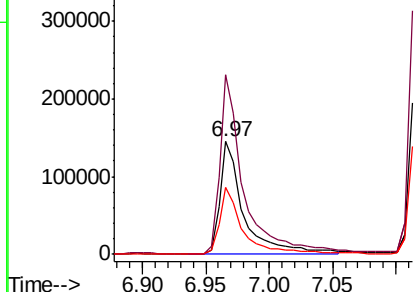
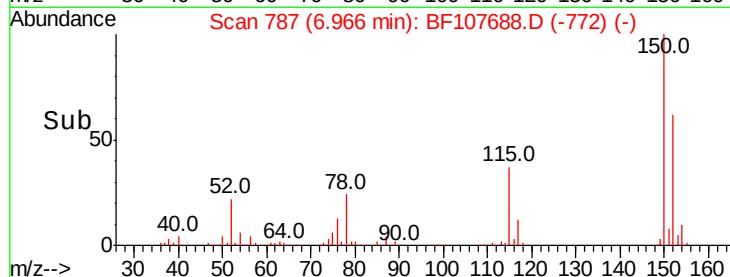


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

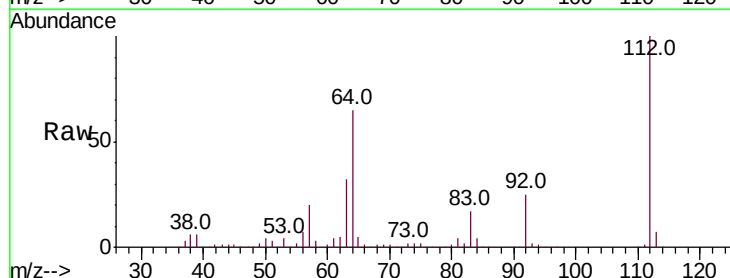
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 36.348 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107688.D
Acq: 26 Jul 2018 6:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.5	47.9	71.9
63	32.3	23.7	35.5

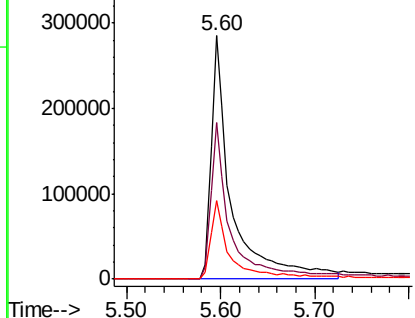
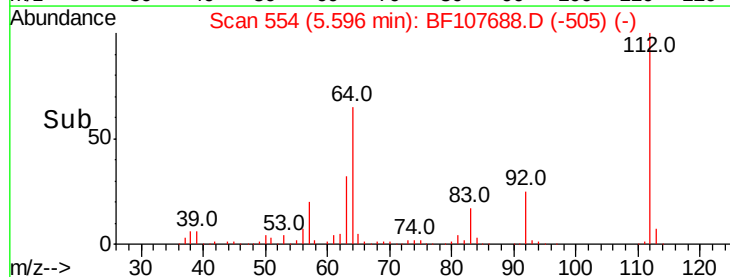


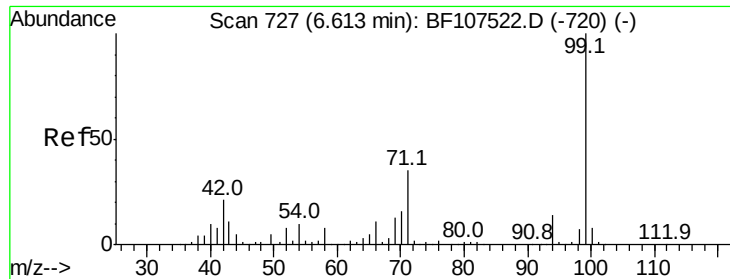
Abundance

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: 28.231 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107688.D

Acq: 26 Jul 2018 6:23

Instrument :

BNA_F

ClientSampleId :

072318-DBRI-F-U-M

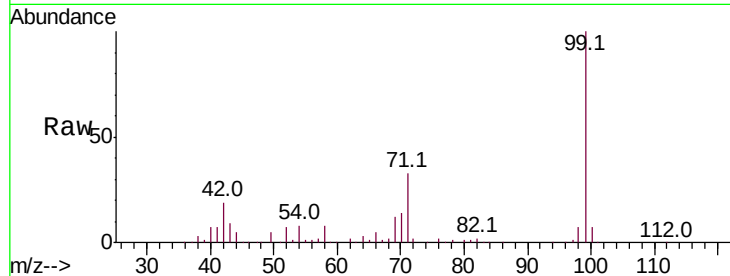
Tot Ion: 99 Resp: 406019

Ion Ratio Lower Upper

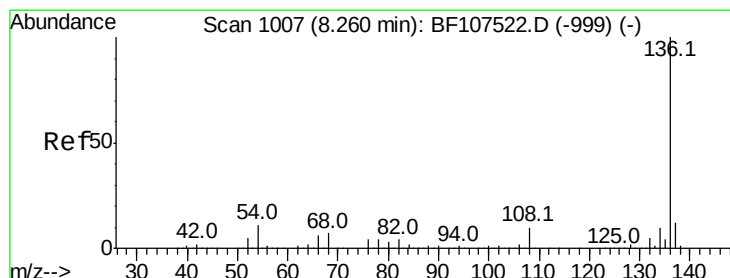
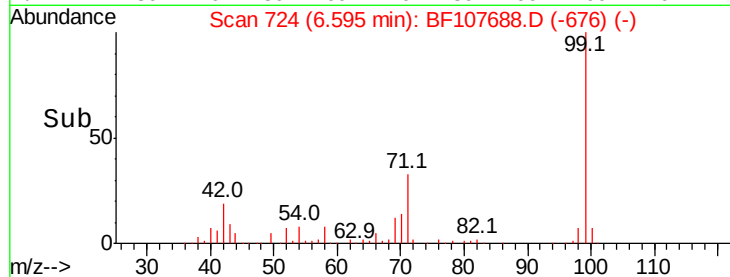
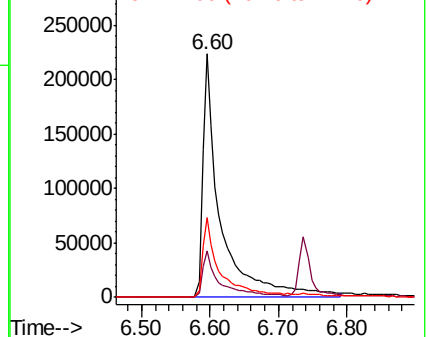
99 100

42 19.1 14.5 21.7

71 32.6 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: BF107688.D

Acq: 26 Jul 2018 6:23

Tgt Ion: 136 Resp: 706283

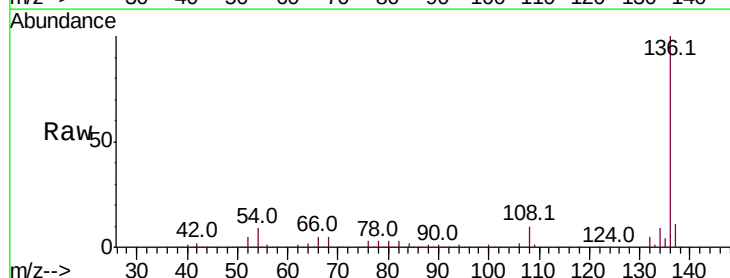
Ion Ratio Lower Upper

136 100

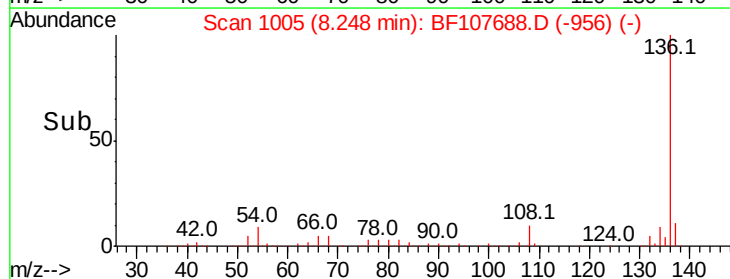
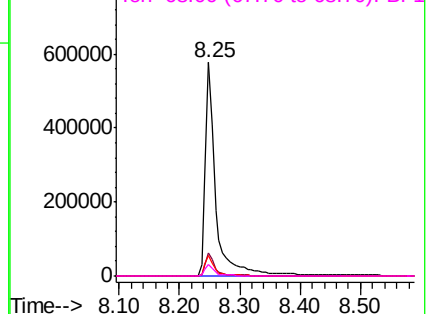
137 11.1 8.9 13.3

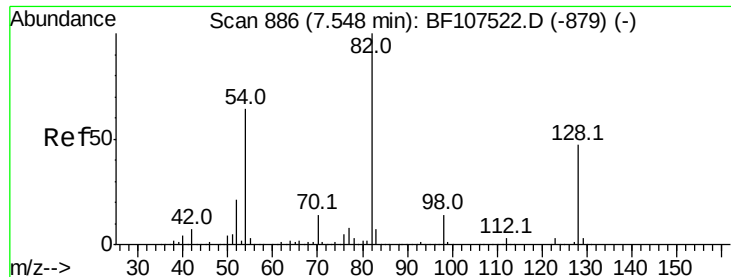
54 9.4 6.6 9.8

68 5.3 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



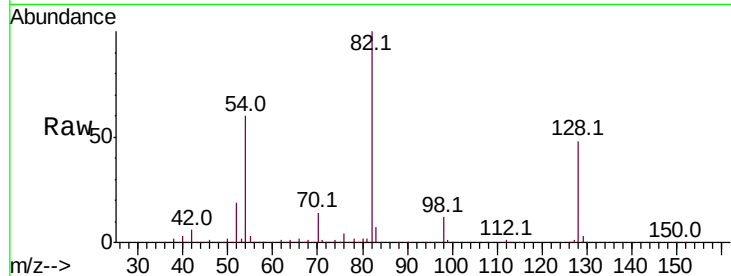


#23
 Nitrobenzene-d5
 Concen: 113.402 ng
 RT: 7.54 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF107688.D
 Acq: 26 Jul 2018 6:23

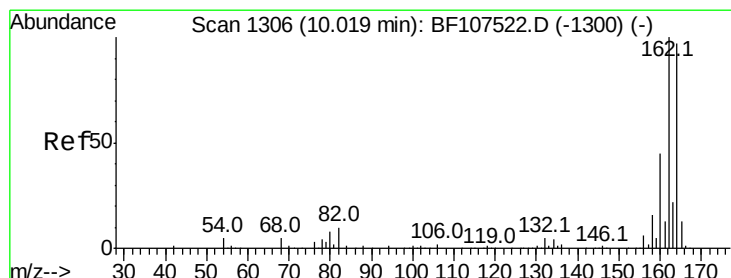
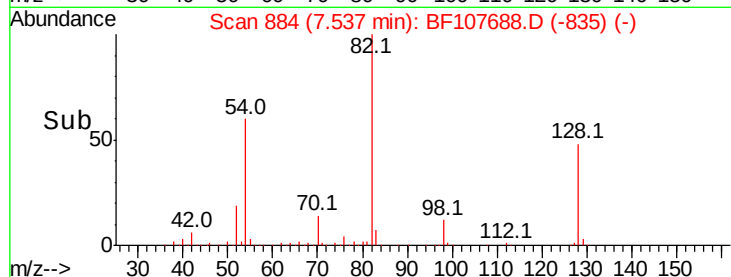
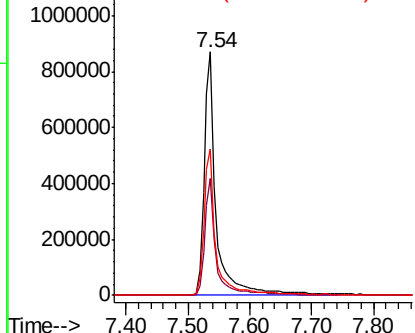
Instrument :
 BNA_F
 ClientSampleId :
 072318-DBRI-F-U-M

Tot Ion: 82 Resp: 1186792

Ion	Ratio	Lower	Upper
82	100		
128	48.0	36.1	54.1
54	59.9	41.4	62.2



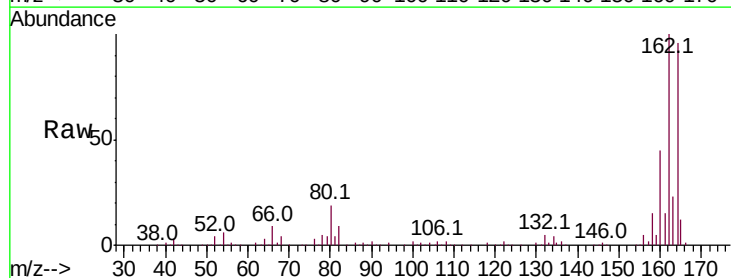
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



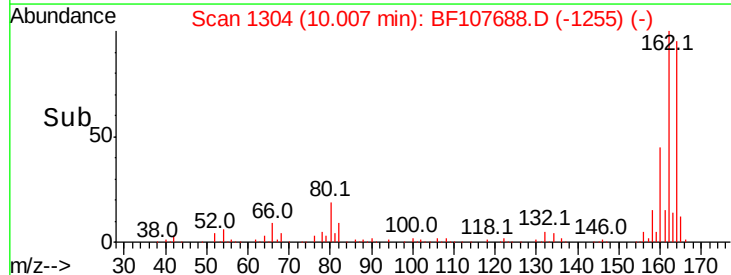
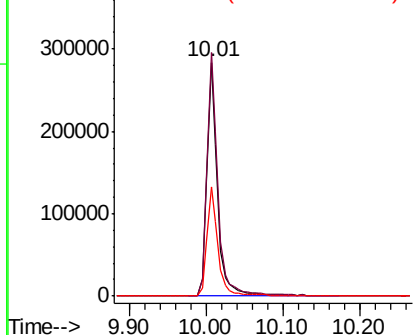
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF107688.D
 Acq: 26 Jul 2018 6:23

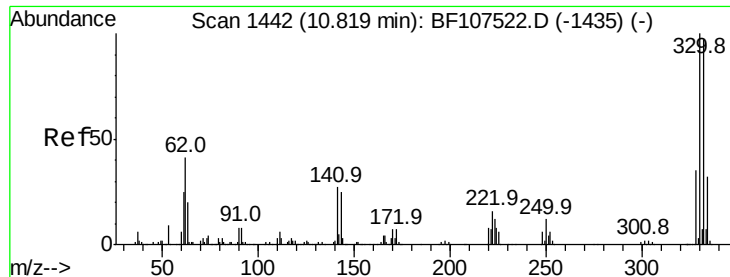
Tgt Ion: 164 Resp: 274554

Ion	Ratio	Lower	Upper
164	100		
162	104.2	86.1	129.1
160	46.9	38.3	57.5



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

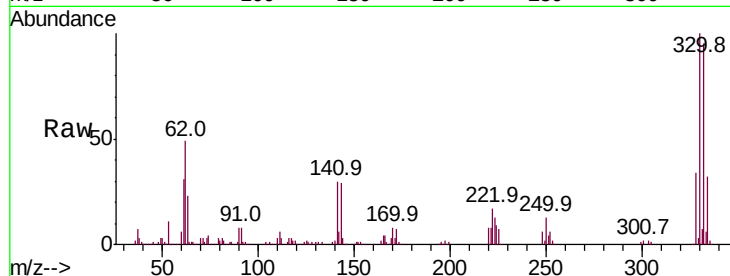




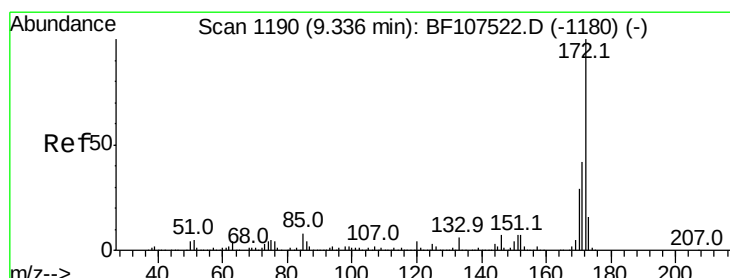
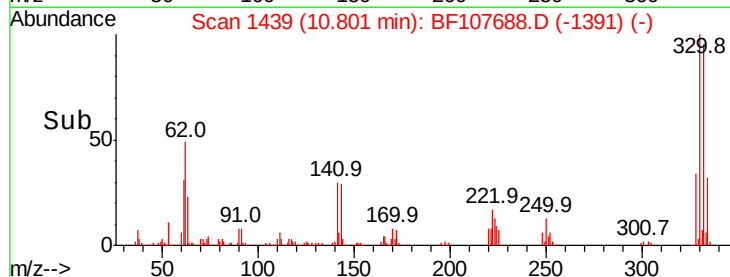
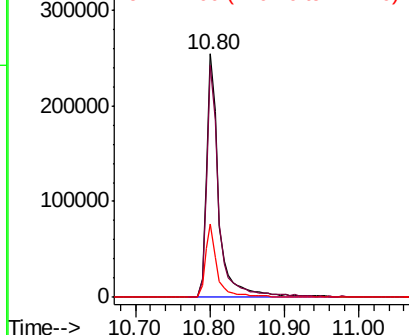
#41
 2,4,6-Tribromophenol
 Concen: 94.116 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.02 min
 Lab File: BF107688.D
 Acq: 26 Jul 2018 6:23

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	29.5	29.9	44.9#

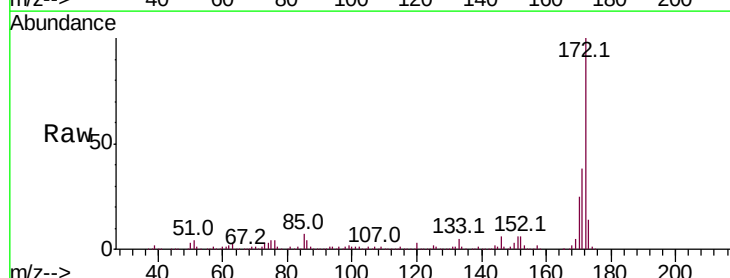


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

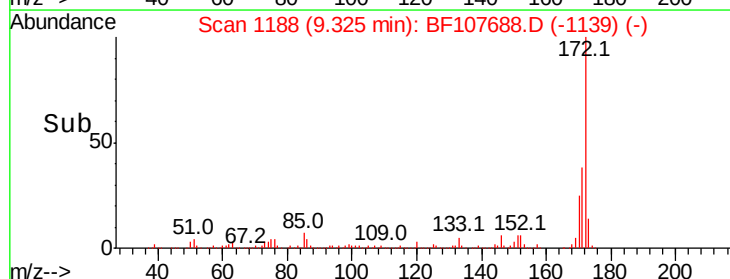
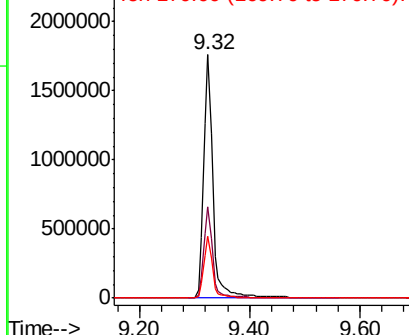


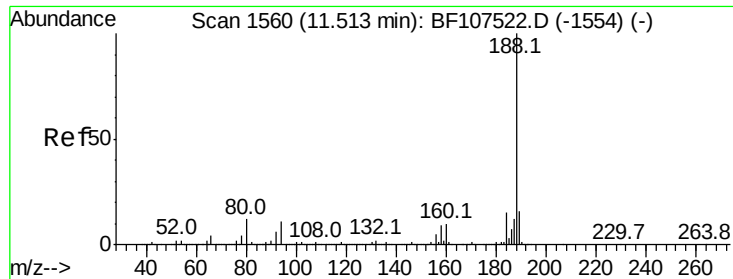
#44
 2-Fluorobiphenyl
 Concen: 165.876 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF107688.D
 Acq: 26 Jul 2018 6:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.7	44.5
170	25.5	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

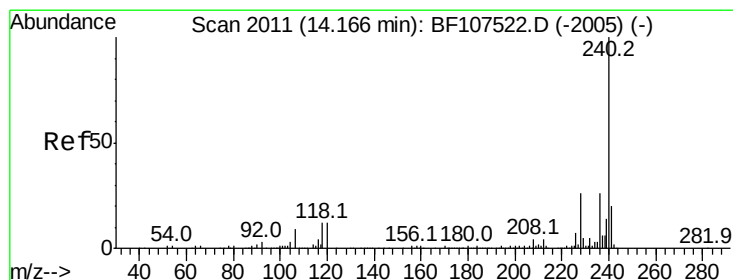
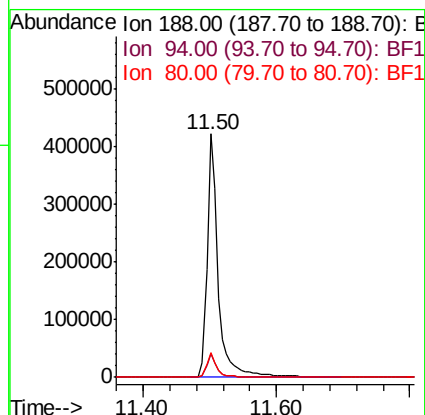
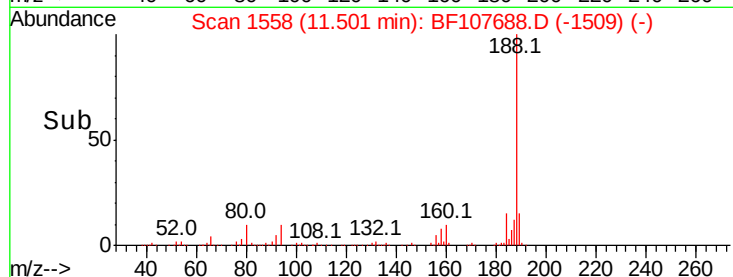
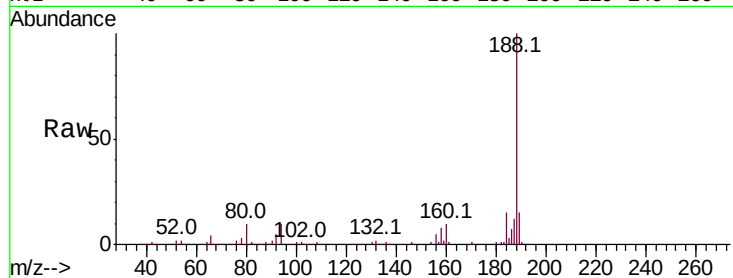




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF107688.D
Acq: 26 Jul 2018 6:23

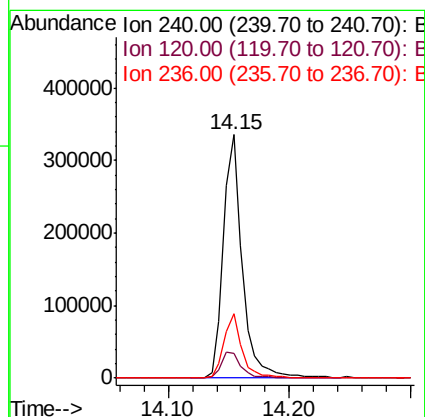
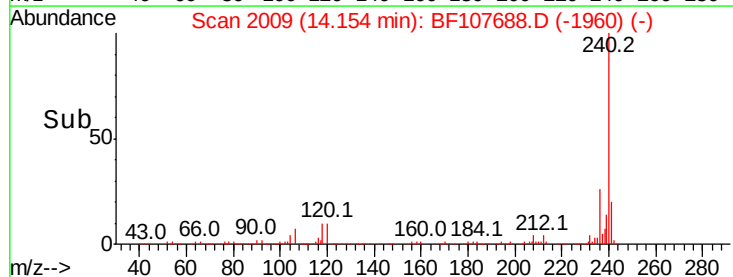
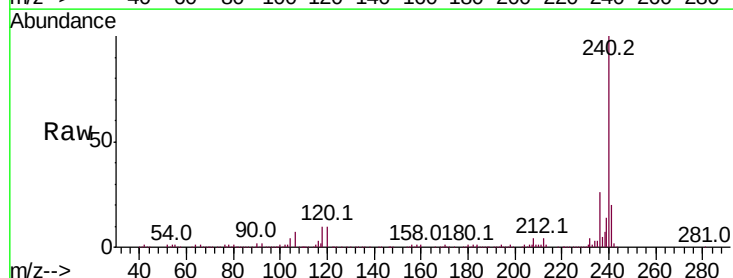
Instrument :
BNA_F
ClientSampleId :
072318-DBRI-F-U-M

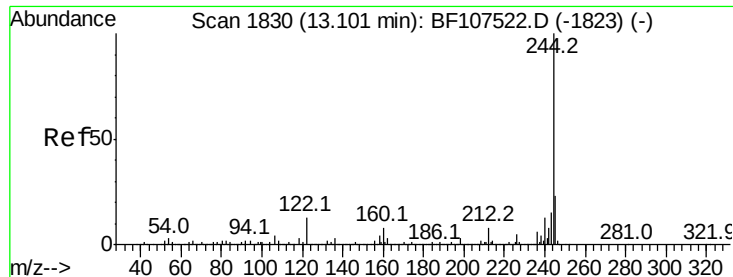
Tot Ion:188 Resp: 479001
Ion Ratio Lower Upper
188 100
94 9.8 8.5 12.7
80 10.0 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF107688.D
Acq: 26 Jul 2018 6:23

Tgt Ion:240 Resp: 362834
Ion Ratio Lower Upper
240 100
120 10.2 9.5 14.3
236 26.3 20.7 31.1





#78

Terphenyl-d14

Concen: 95.357 ng

RT: 13.09 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF107688.D

Acq: 26 Jul 2018 6:23

Instrument :

BNA_F

ClientSampleId :

072318-DBRI-F-U-M

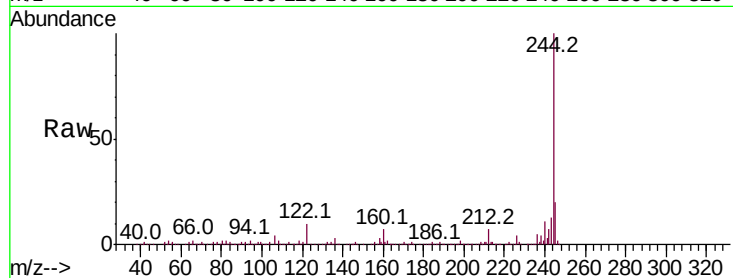
Tot Ion:244 Resp: 1351472

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

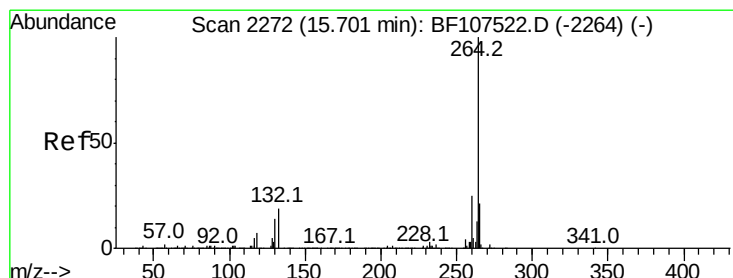
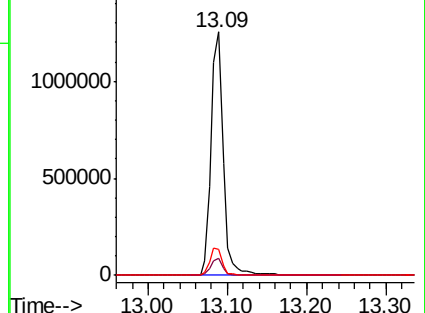
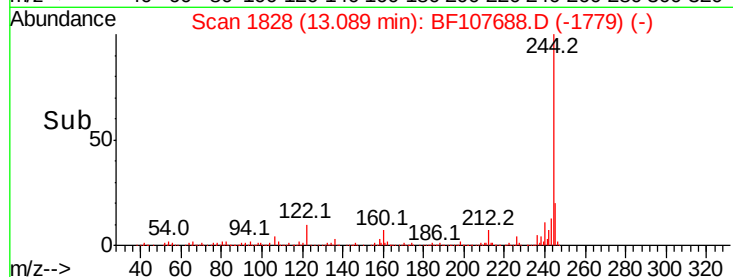
122 10.5 11.0 16.4#



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# 2270

Delta R.T. -0.01 min

Lab File: BF107688.D

Acq: 26 Jul 2018 6:23

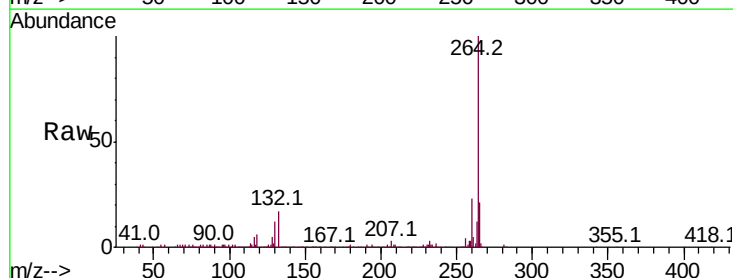
Tgt Ion:264 Resp: 315244

Ion Ratio Lower Upper

264 100

260 22.5 19.2 28.8

265 20.9 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

