

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072018\
 Data File : BF107569.D
 Acq On : 21 Jul 2018 12:02
 Operator : JU/SJ
 Sample : J4094-02
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 071818-DBRI-E-D-M

Quant Time: Jul 23 04:45:11 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	336448	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	1219890	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	459800	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	762089	20.00	ng	0.00
75) Chrysene-d12	14.16	240	738092	20.00	ng	0.00
86) Perylene-d12	15.69	264	587707	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	811250	38.77	ng	0.00
7) Phenol-d6	6.60	99	724183	28.82	ng	-0.02
23) Nitrobenzene-d5	7.54	82	1728799	95.64	ng	-0.01
41) 2,4,6-Tribromophenol	10.81	330	384907	73.62	ng	-0.01
44) 2-Fluorobiphenyl	9.33	172	2720993	109.55	ng	0.00
78) Terphenyl-d14	13.09	244	1974237	68.48	ng	0.00

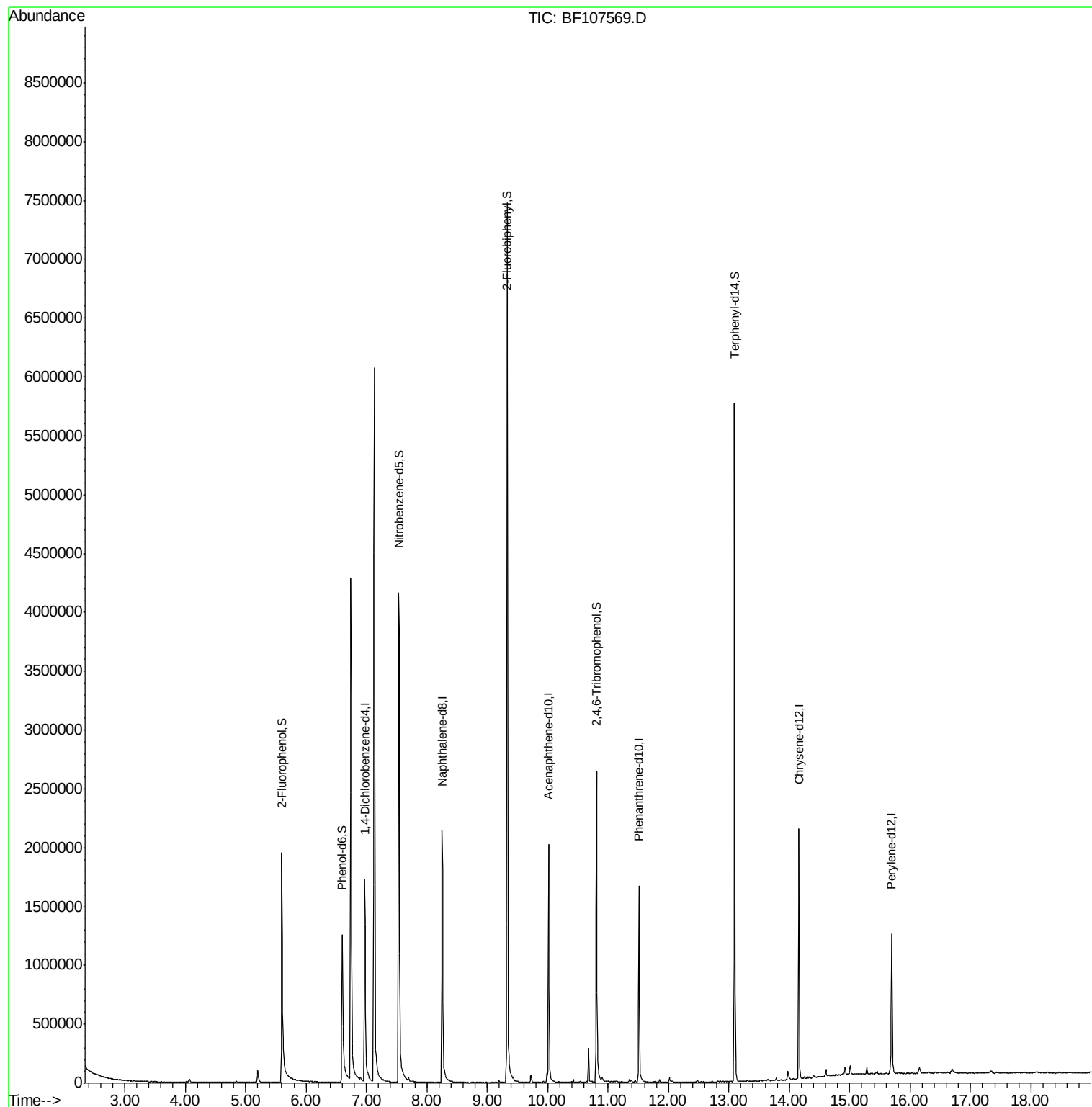
Target Compounds Qvalue

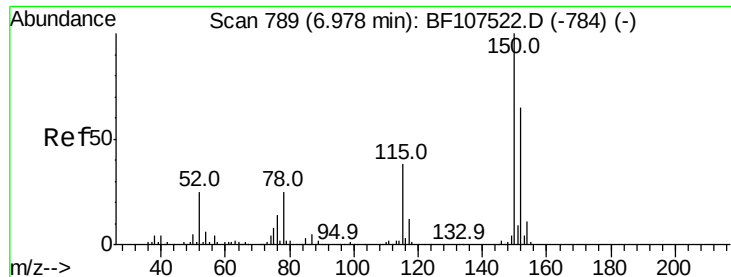
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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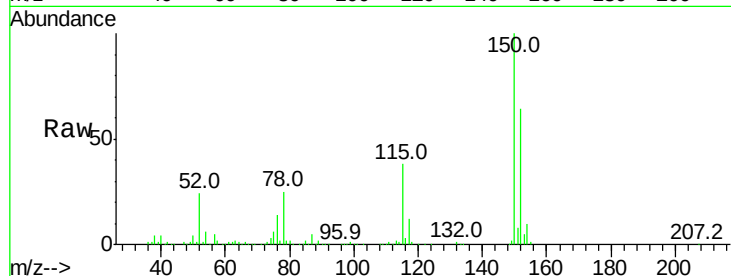


#1

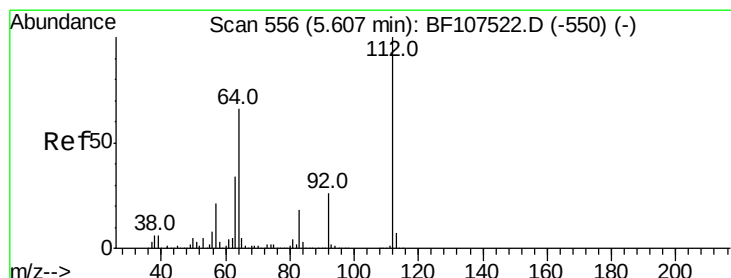
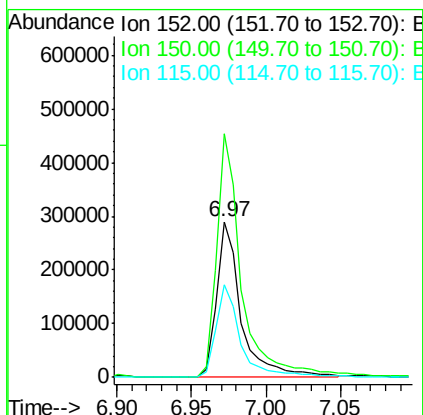
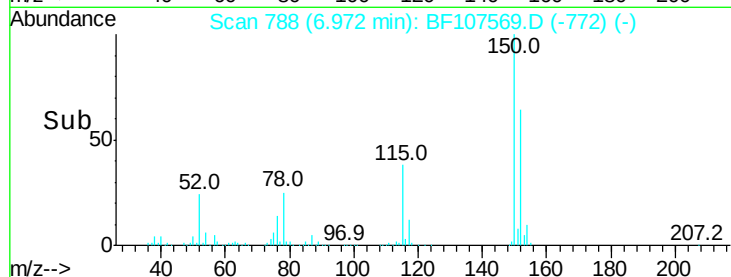
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF107569.D
Acq: 21 Jul 2018 12:02

Instrument :
BNA_F
ClientSampleId :
071818-DBRI-E-D-M

Tot Ion:152 Resp: 336448
Ion Ratio Lower Upper
152 100
150 156.3 124.6 186.8
115 59.8 50.1 75.1



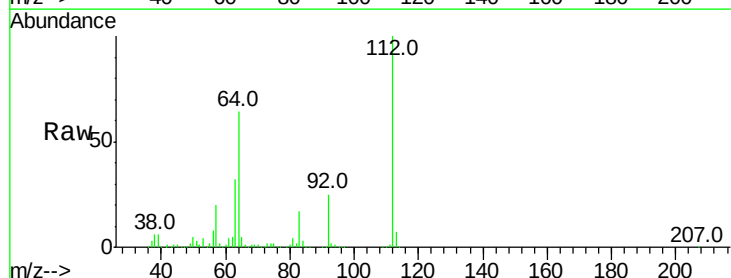
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



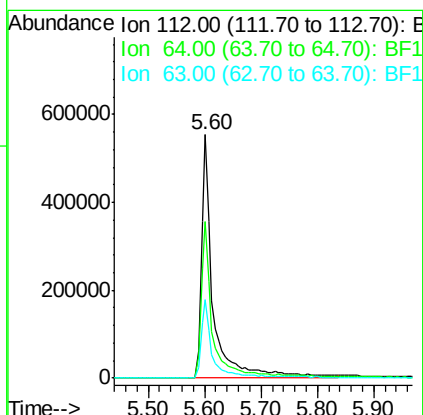
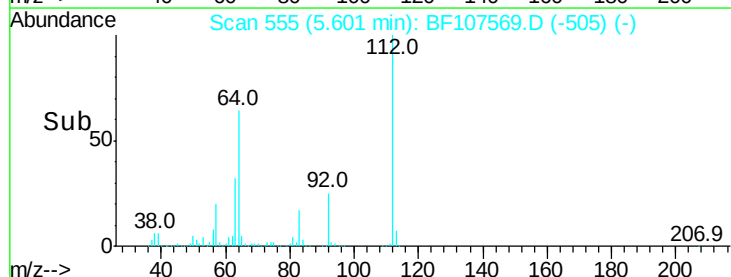
#5

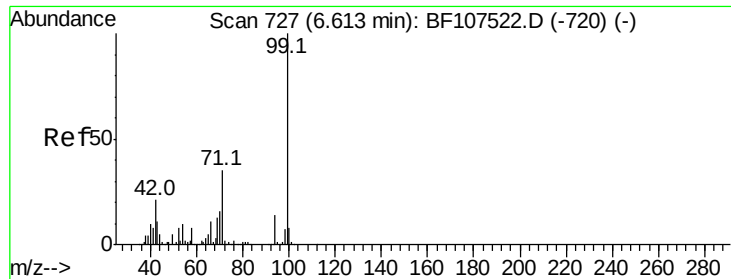
2-Fluorophenol
Concen: 38.768 ng
RT: 5.60 min Scan# 555
Delta R.T. -0.01 min
Lab File: BF107569.D
Acq: 21 Jul 2018 12:02

Tgt Ion:112 Resp: 811250
Ion Ratio Lower Upper
112 100
64 64.4 47.9 71.9
63 32.4 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: 28.821 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107569.D

Acq: 21 Jul 2018 12:02

Instrument :

BNA_F

ClientSampleId :

071818-DBRI-E-D-M

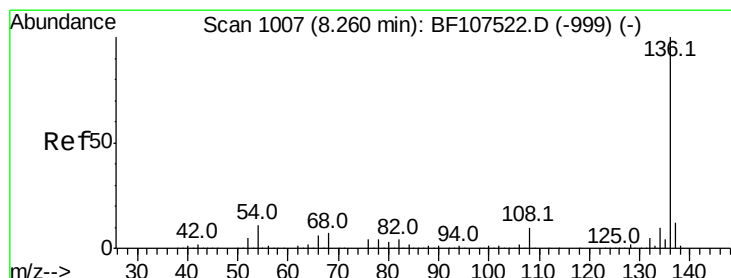
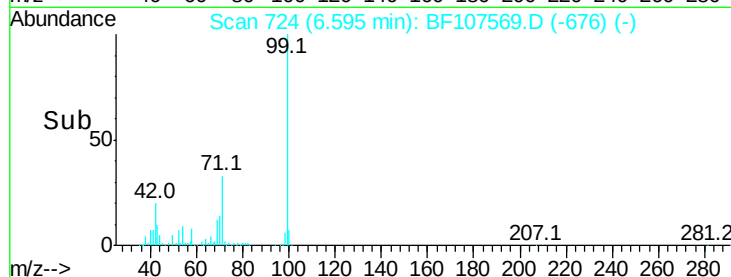
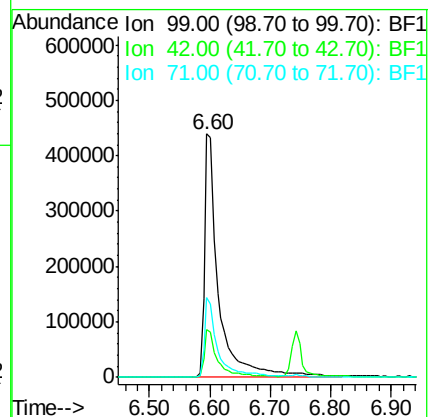
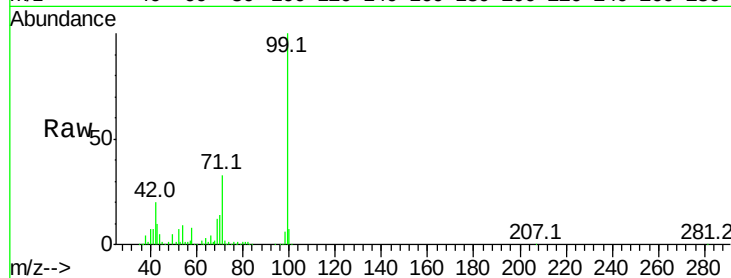
Tot Ion: 99 Resp: 724183

Ion Ratio Lower Upper

99 100

42 19.9 14.5 21.7

71 32.9 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: BF107569.D

Acq: 21 Jul 2018 12:02

Tgt Ion: 136 Resp: 1219890

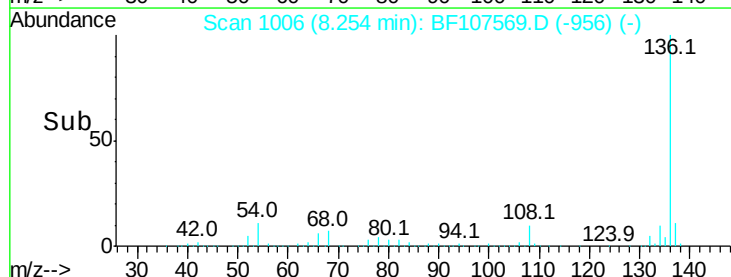
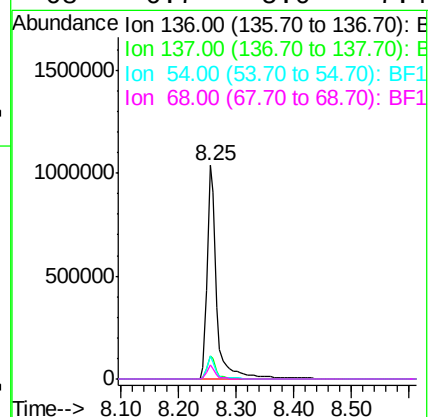
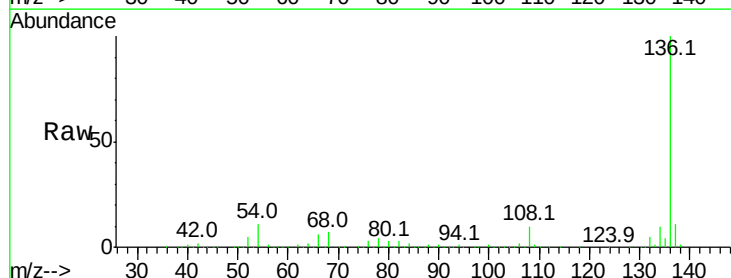
Ion Ratio Lower Upper

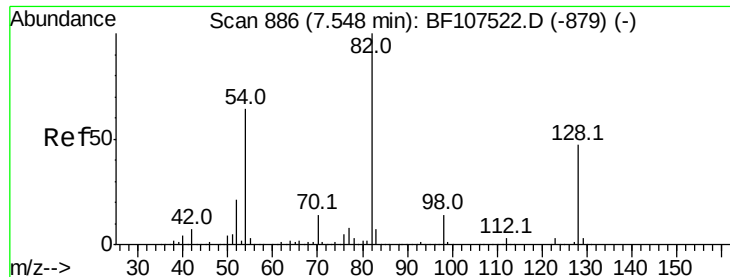
136 100

137 11.1 8.9 13.3

54 10.7 6.6 9.8#

68 6.7 5.0 7.4

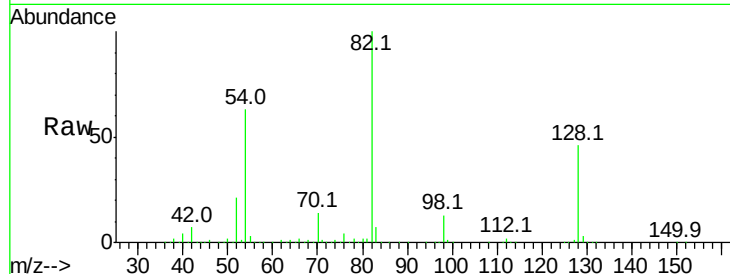




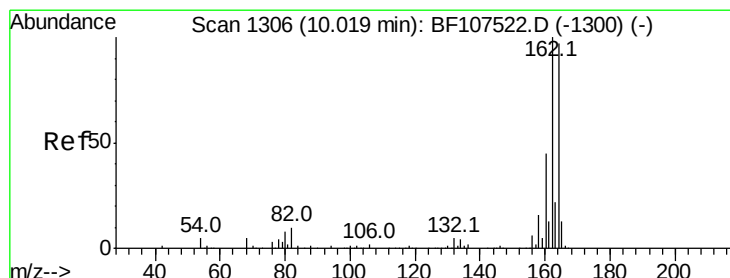
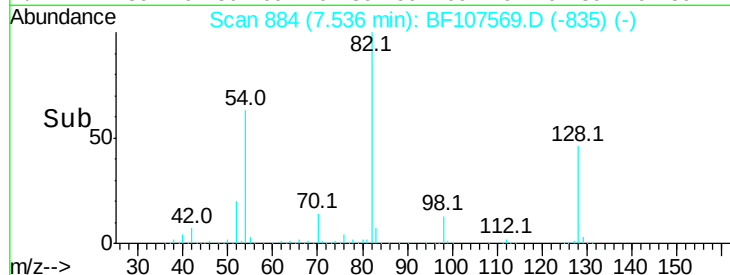
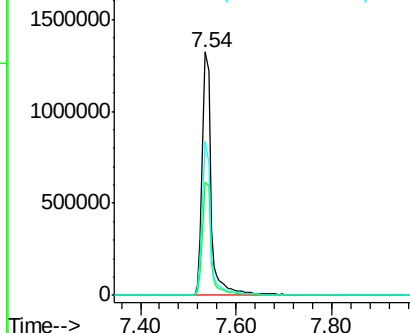
#23
Nitrobenzene-d5
Concen: 95.642 ng
RT: 7.54 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF107569.D
Acq: 21 Jul 2018 12:02

Instrument :
BNA_F
ClientSampleId :
071818-DBRI-E-D-M

Tot Ion: 82 Resp: 1728799
Ion Ratio Lower Upper
82 100
128 46.3 36.1 54.1
54 63.5 41.4 62.2#

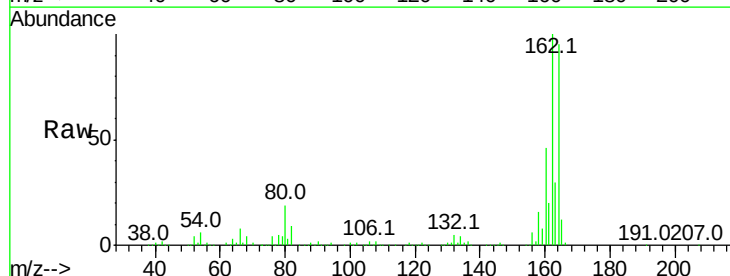


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

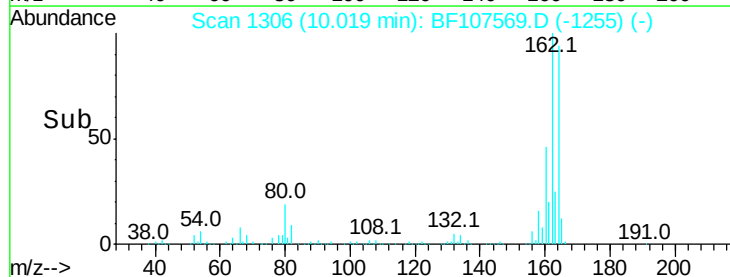
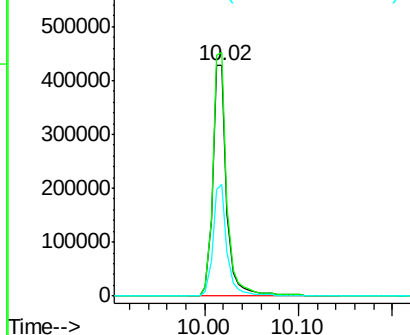


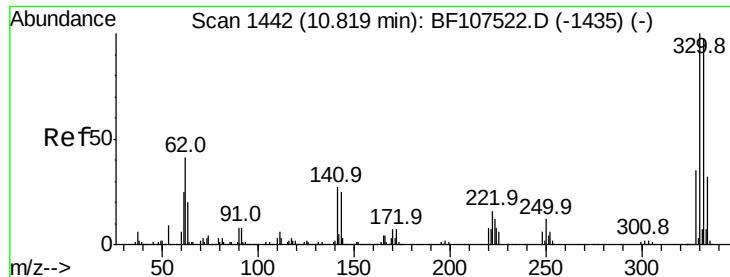
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BF107569.D
Acq: 21 Jul 2018 12:02

Tgt Ion:164 Resp: 459800
Ion Ratio Lower Upper
164 100
162 105.5 86.1 129.1
160 48.5 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

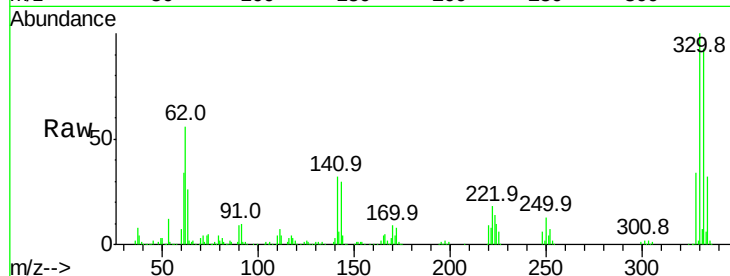




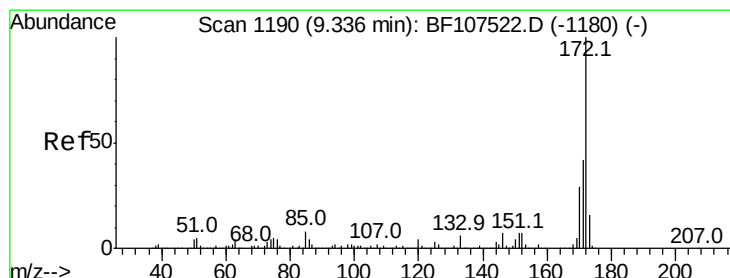
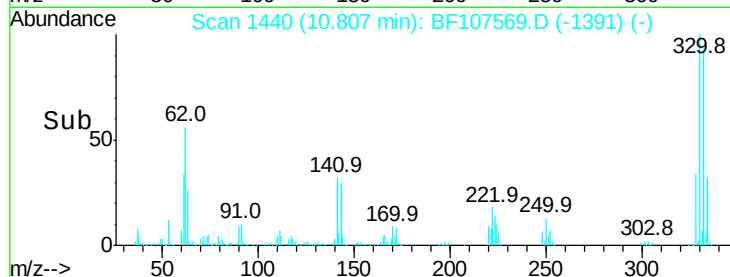
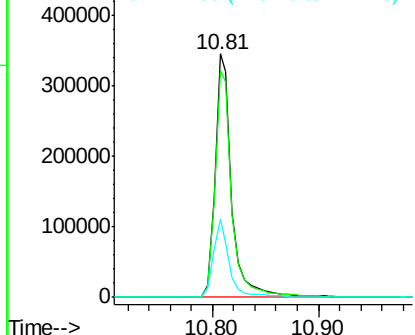
#41
 2,4,6-Tribromophenol
 Concen: 73.615 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF107569.D
 Acq: 21 Jul 2018 12:02

Instrument :
 BNA_F
 ClientSampleId :
 071818-DBRI-E-D-M

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	31.2	29.9	44.9

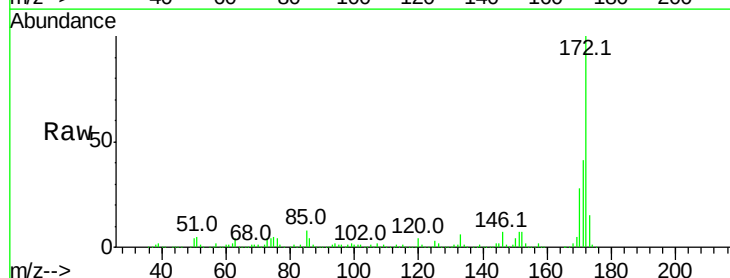


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

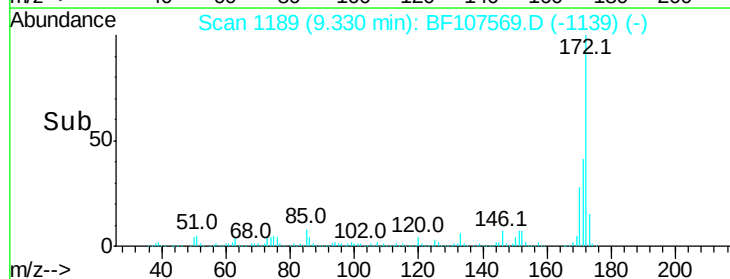
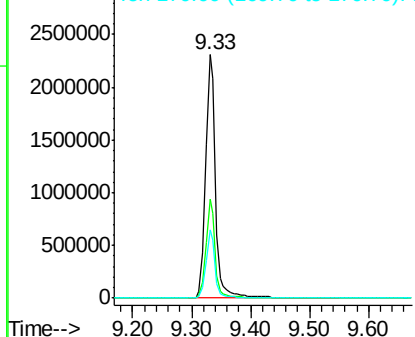


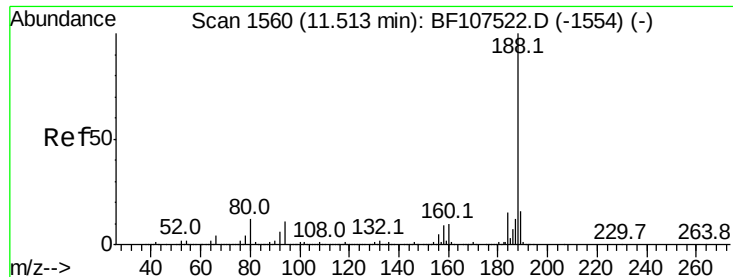
#44
 2-Fluorobiphenyl
 Concen: 109.548 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF107569.D
 Acq: 21 Jul 2018 12:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.7	29.7	44.5
170	27.8	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

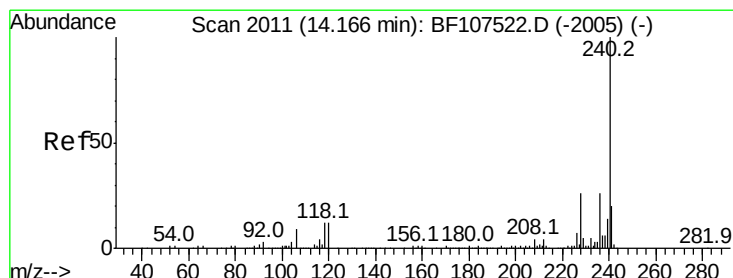
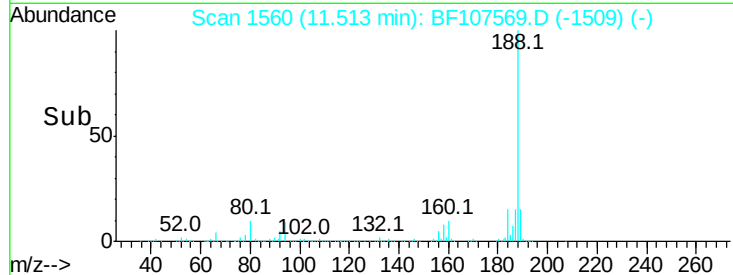
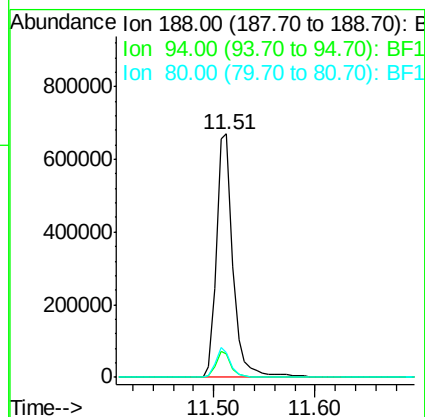
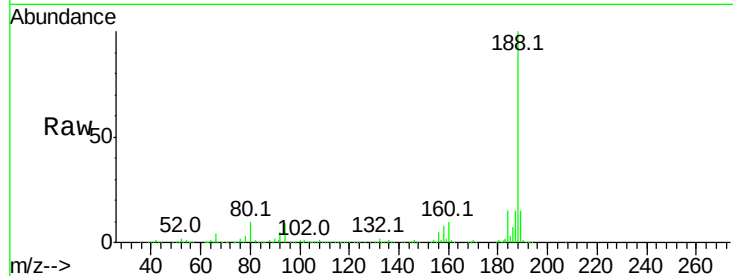




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BF107569.D
Acq: 21 Jul 2018 12:02

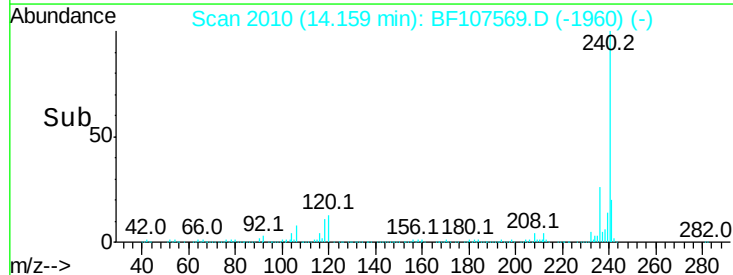
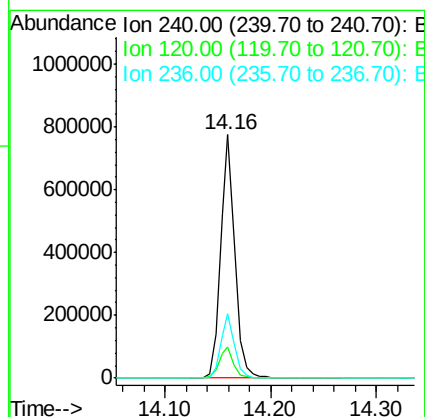
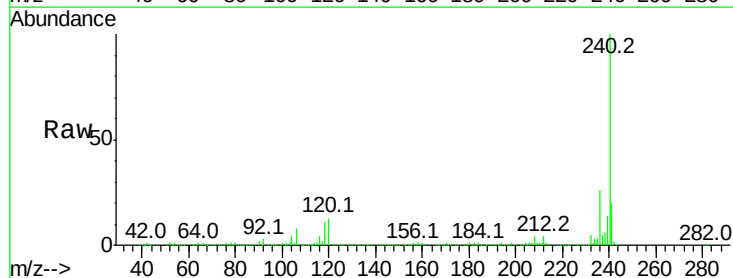
Instrument :
BNA_F
ClientSampleId :
071818-DBRI-E-D-M

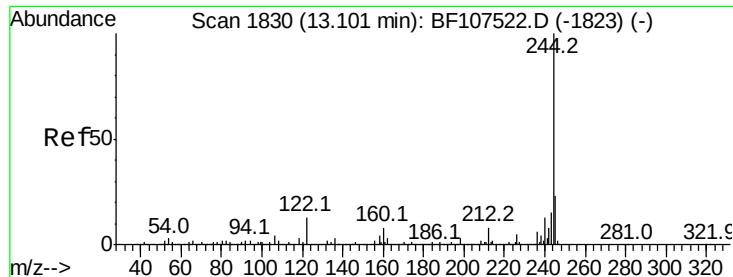
Tot Ion:188 Resp: 762089
Ion Ratio Lower Upper
188 100
94 9.5 8.5 12.7
80 10.4 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BF107569.D
Acq: 21 Jul 2018 12:02

Tgt Ion:240 Resp: 738092
Ion Ratio Lower Upper
240 100
120 12.9 9.5 14.3
236 26.3 20.7 31.1





#78

Terphenyl-d14

Concen: 68.477 ng

RT: 13.09 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF107569.D

Acq: 21 Jul 2018 12:02

Instrument :

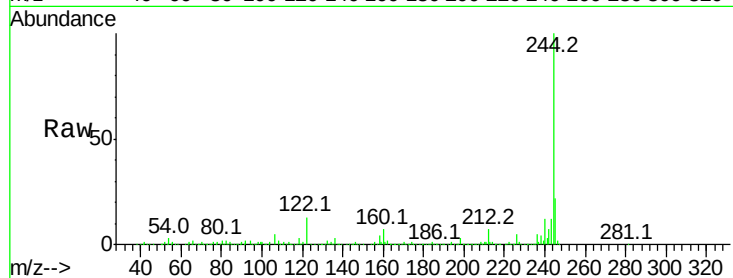
BNA_F

ClientSampleId :

071818-DBRI-E-D-M

Tot Ion:244 Resp: 1974237

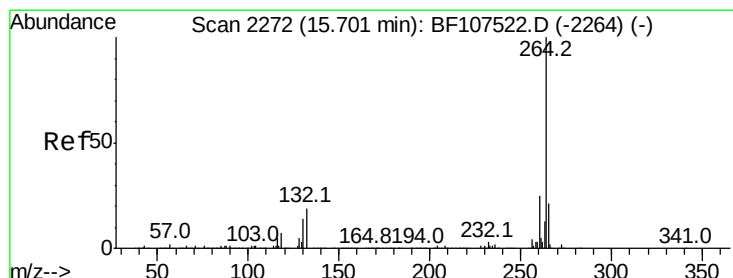
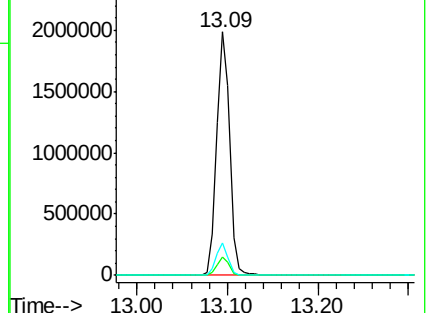
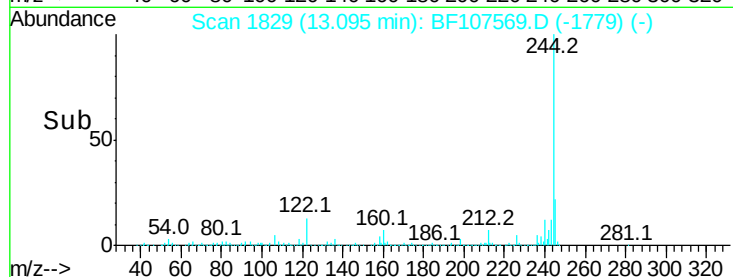
Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.4	8.0
122	13.1	11.0	16.4



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# 2271

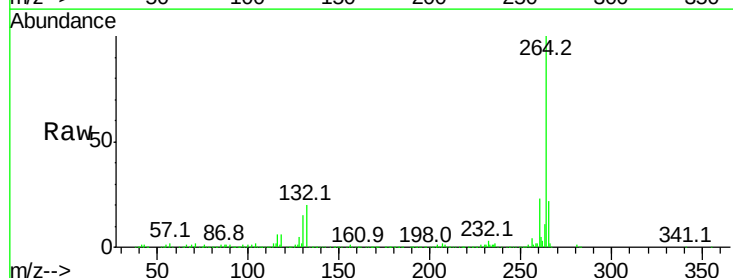
Delta R.T. -0.01 min

Lab File: BF107569.D

Acq: 21 Jul 2018 12:02

Tgt Ion:264 Resp: 587707

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	22.0	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

