

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071918\
 Data File : BF107516.D
 Acq On : 19 Jul 2018 19:45
 Operator : JU/SJ
 Sample : J4043-01 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SD-DEBRI-WIPE

Quant Time: Jul 20 01:28:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 18 11:55:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	86744	20.00	ng	-0.01
21) Naphthalene-d8	8.26	136	289924	20.00	ng	-0.01
38) Acenaphthene-d10	10.02	164	142084	20.00	ng	-0.01
63) Phenanthrene-d10	11.51	188	272870	20.00	ng	-0.01
75) Chrysene-d12	14.16	240	250523	20.00	ng	-0.02
86) Perylene-d12	15.69	264	288038	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	69243	12.12	ng	0.00
7) Phenol-d6	6.61	99	96248	13.03	ng	0.00
23) Nitrobenzene-d5	7.54	82	72164	13.27	ng	-0.02
41) 2,4,6-Tribromophenol	10.81	330	21706	17.39	ng	-0.02
44) 2-Fluorobiphenyl	9.33	172	152937	8.15	ng	-0.02
78) Terphenyl-d14	13.10	244	154511	15.32	ng	-0.02

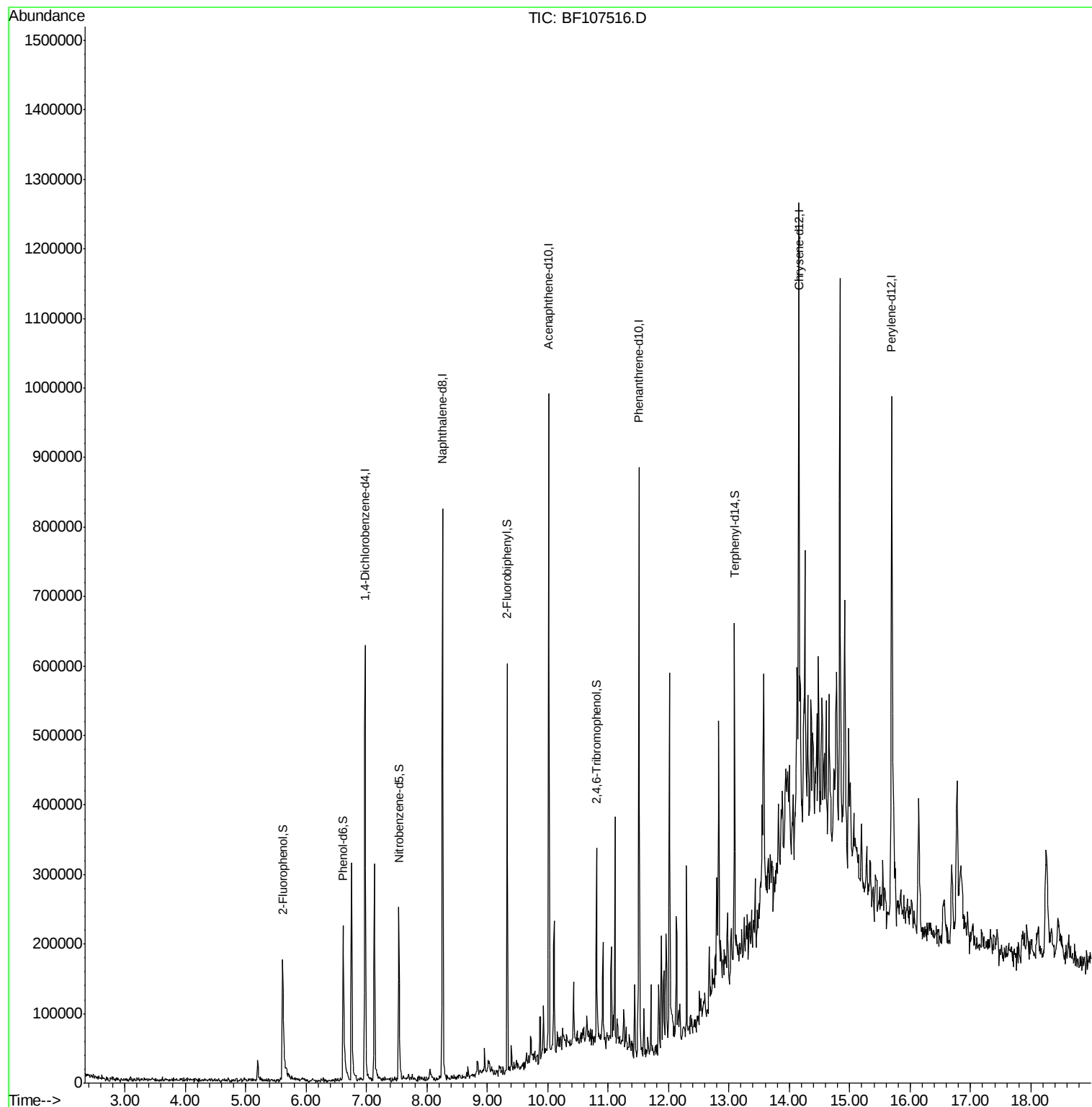
Target Compounds Qvalue

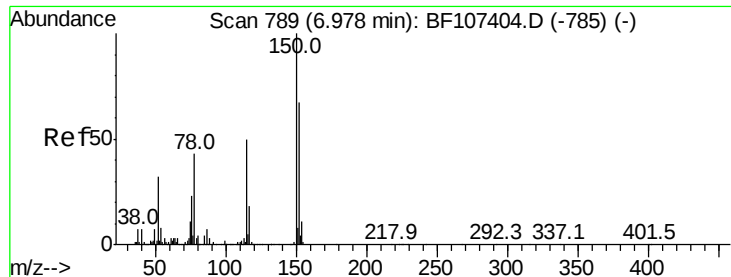
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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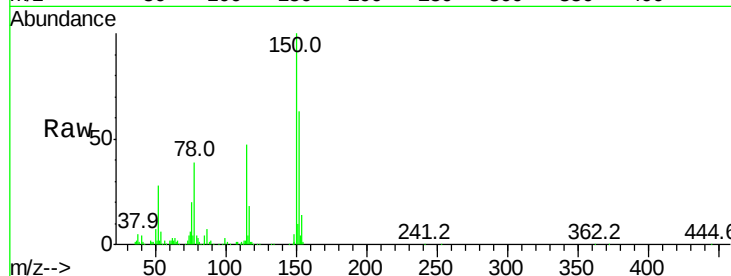


#1

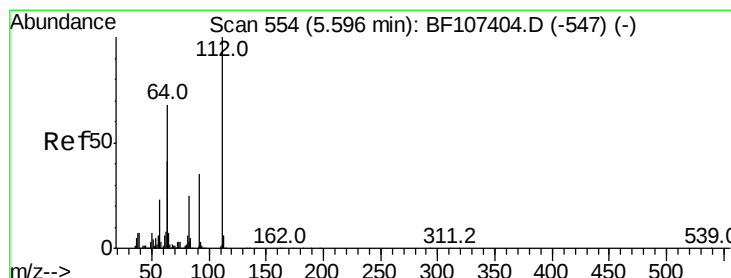
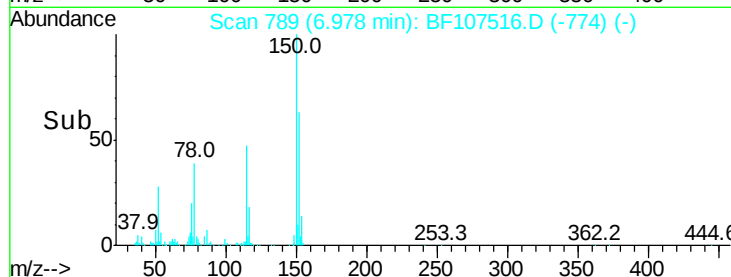
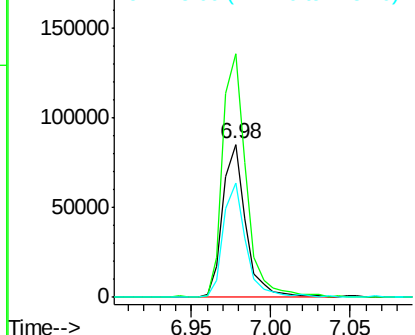
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.98 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF107516.D
 Acq: 19 Jul 2018 19:45

Instrument :
 BNA_F
 ClientSampleId :
 SD-DEBRI-WIPE

Tot Ion	152	Resp	86744
Ion Ratio	Lower	Upper	
152	100		
150	158.8	124.6	186.8
115	75.0	50.1	75.1



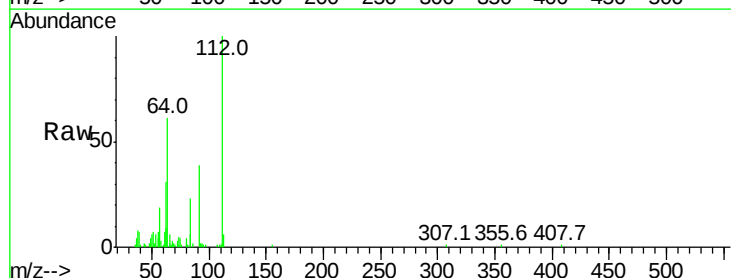
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



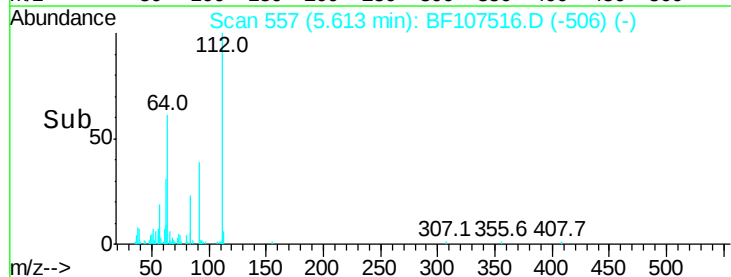
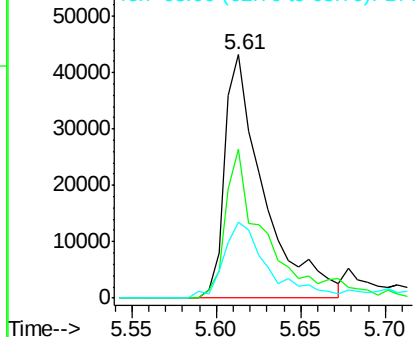
#5

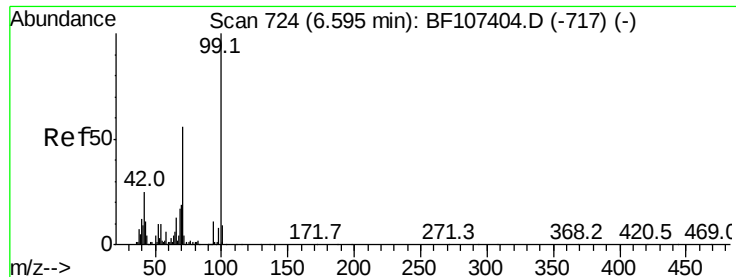
2-Fluorophenol
 Concen: 12.123 ng
 RT: 5.61 min Scan# 557
 Delta R.T. 0.00 min
 Lab File: BF107516.D
 Acq: 19 Jul 2018 19:45

Tgt Ion	112	Resp	69243
Ion Ratio	Lower	Upper	
112	100		
64	61.0	47.9	71.9
63	31.4	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: 13.034 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF107516.D

Acq: 19 Jul 2018 19:45

Instrument :

BNA_F

ClientSampleId :

SD-DEBRI-WIPE

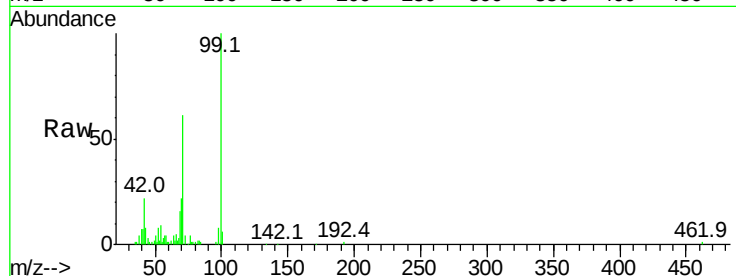
Tot Ion: 99 Resp: 96248

Ion Ratio Lower Upper

99 100

42 22.3 14.5 21.7#

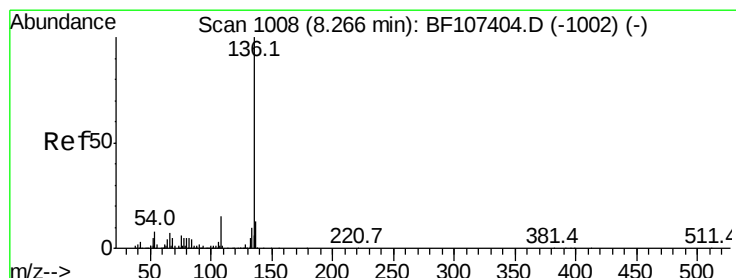
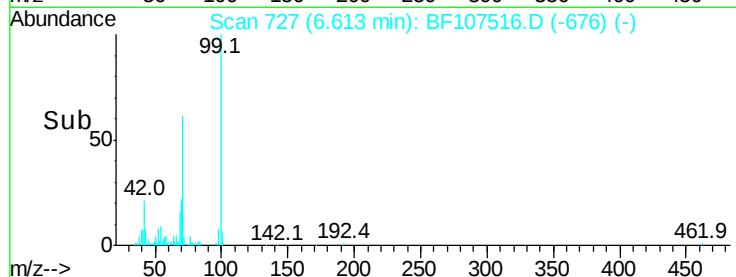
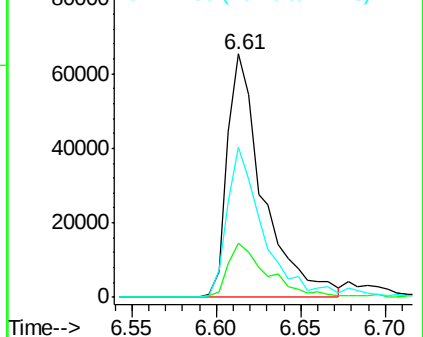
71 61.5 25.4 38.0#



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: 8.26 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF107516.D

Acq: 19 Jul 2018 19:45

Tgt Ion: 136 Resp: 289924

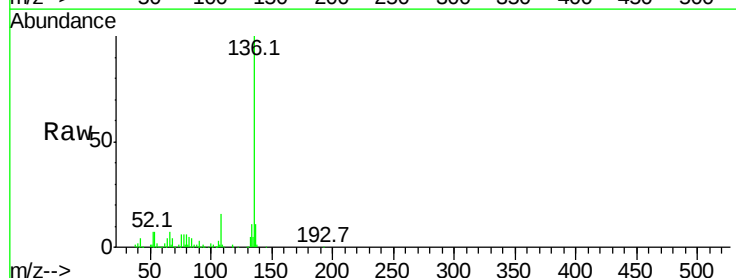
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.1 6.6 9.8

68 4.2 5.0 7.4#

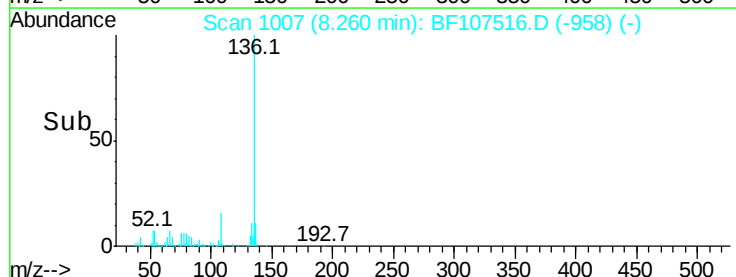
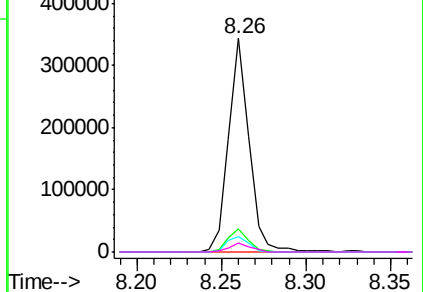


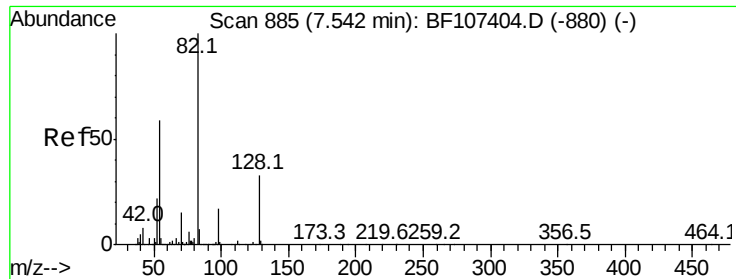
Abundance Ion 136.00 (135.70 to 136.70): E

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

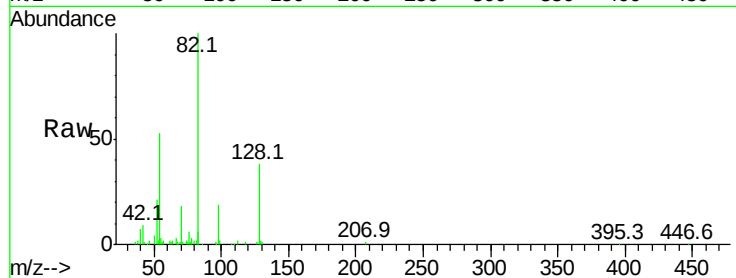




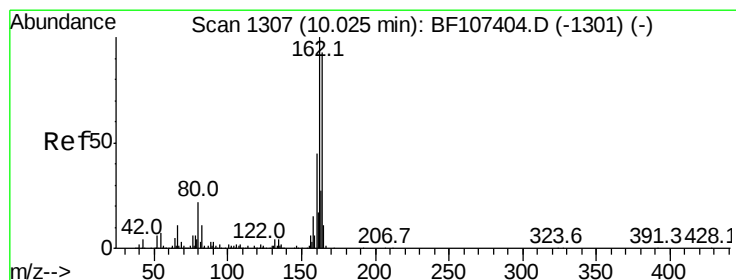
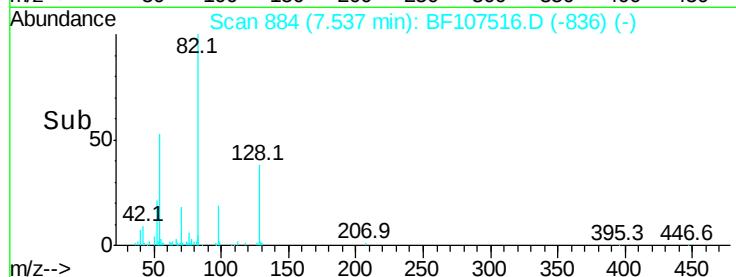
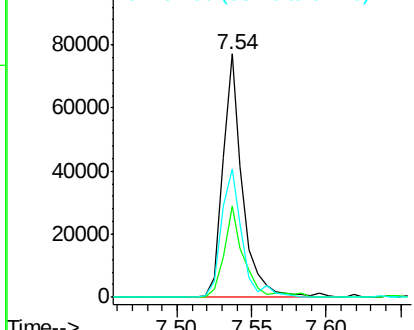
#23
 Nitrobenzene-d5
 Concen: 13.273 ng
 RT: 7.54 min Scan# 884
 Delta R.T. -0.02 min
 Lab File: BF107516.D
 Acq: 19 Jul 2018 19:45

Instrument :
 BNA_F
 ClientSampleId :
 SD-DEBRI-WIPE

Tot Ion	82	Resp	72164
Ion Ratio	Lower	Upper	
82	100		
128	37.7	36.1	54.1
54	52.8	41.4	62.2

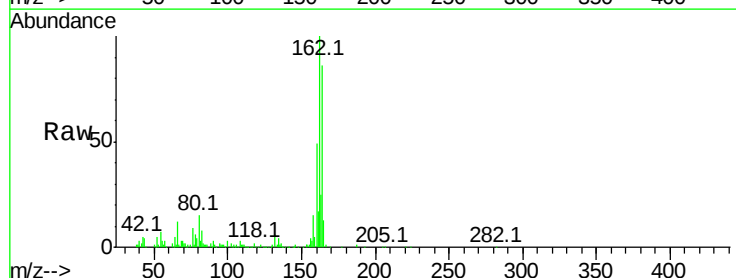


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF1

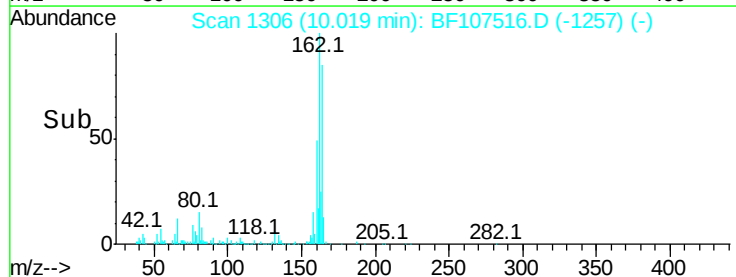
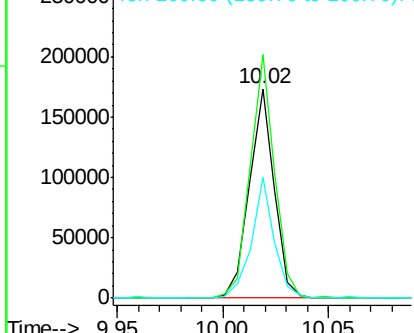


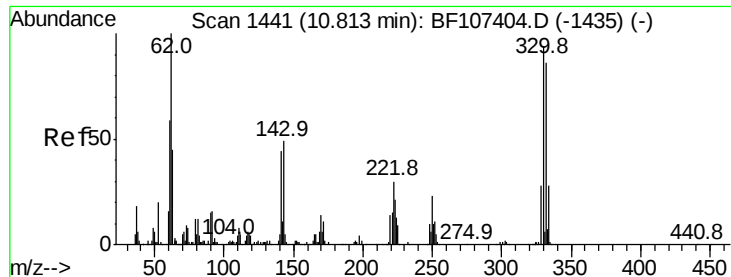
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1306
 Delta R.T. -0.01 min
 Lab File: BF107516.D
 Acq: 19 Jul 2018 19:45

Tgt Ion	164	Resp	142084
Ion Ratio	Lower	Upper	
164	100		
162	116.3	86.1	129.1
160	57.4	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: 17.387 ng

RT: 10.81 min Scan# 1441

Delta R.T. -0.02 min

Lab File: BF107516.D

Acq: 19 Jul 2018 19:45

Instrument :

BNA_F

ClientSampleId :

SD-DEBRI-WIPE

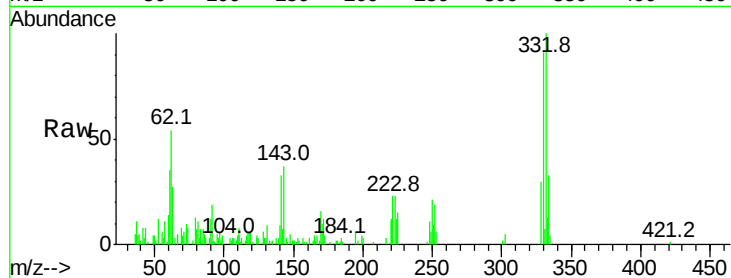
Tot Ion:330 Resp: 21706

Ion Ratio Lower Upper

330 100

332 102.6 77.0 115.6

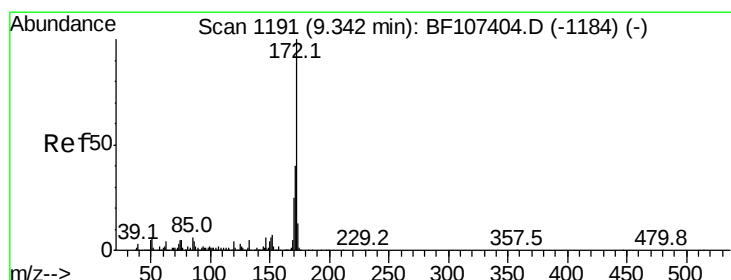
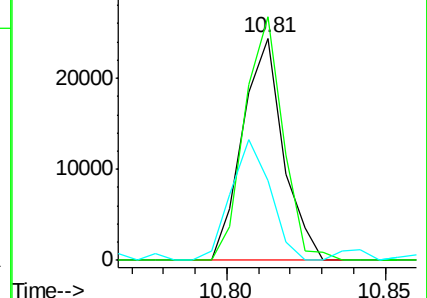
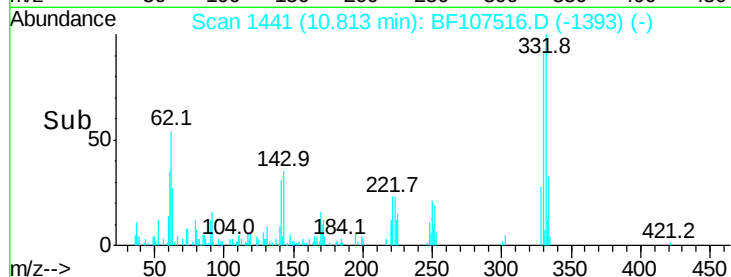
141 52.3 29.9 44.9#



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: 8.146 ng

RT: 9.33 min Scan# 1189

Delta R.T. -0.02 min

Lab File: BF107516.D

Acq: 19 Jul 2018 19:45

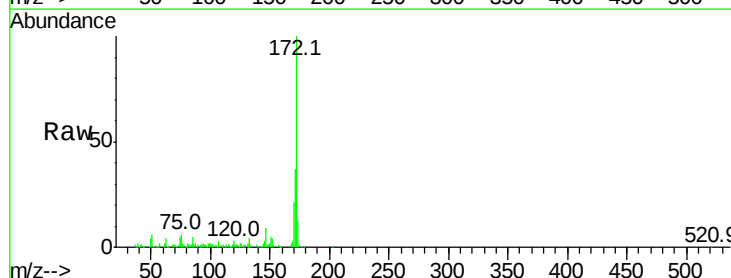
Tgt Ion:172 Resp: 152937

Ion Ratio Lower Upper

172 100

171 37.2 29.7 44.5

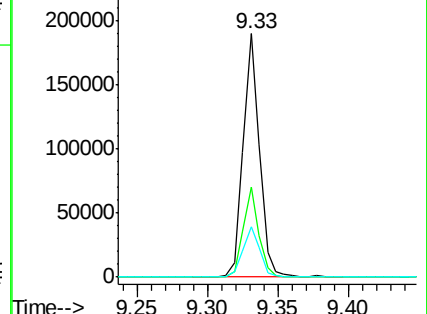
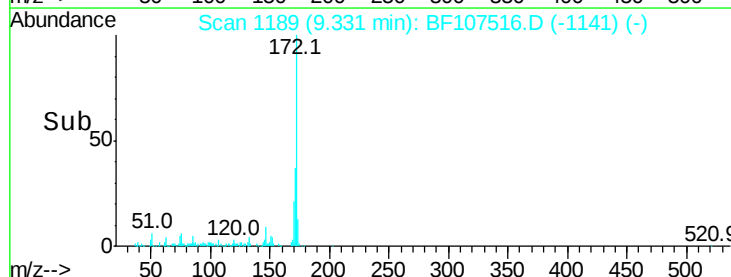
170 20.8 19.6 29.4

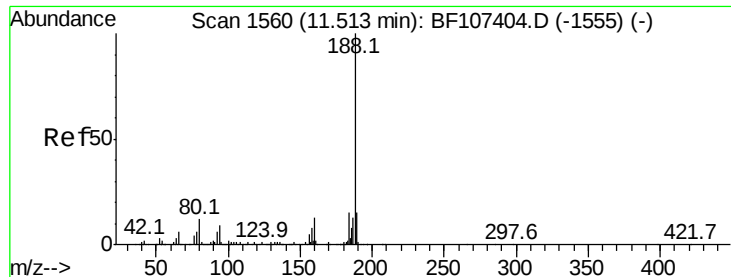


Abundance Ion 172.00 (171.70 to 172.70): E

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. -0.01 min

Lab File: BF107516.D

Acq: 19 Jul 2018 19:45

Instrument :

BNA_F

ClientSampleId :

SD-DEBRI-WIPE

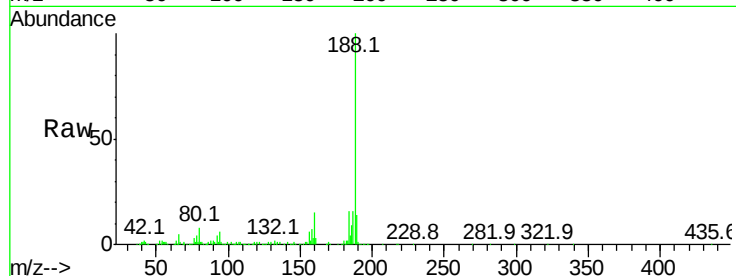
Tot Ion:188 Resp: 272870

Ion Ratio Lower Upper

188 100

94 6.3 8.5 12.7#

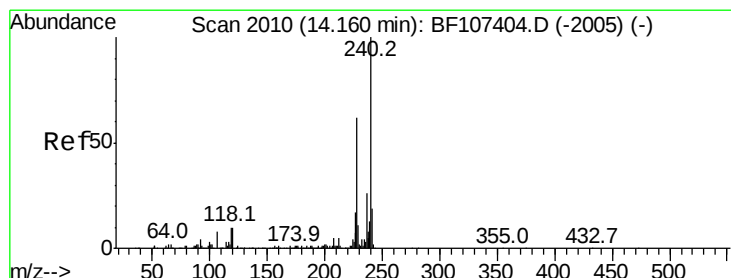
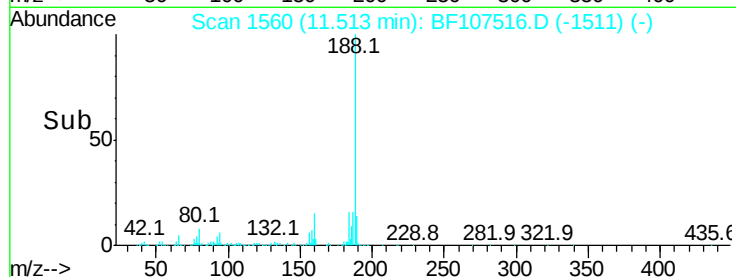
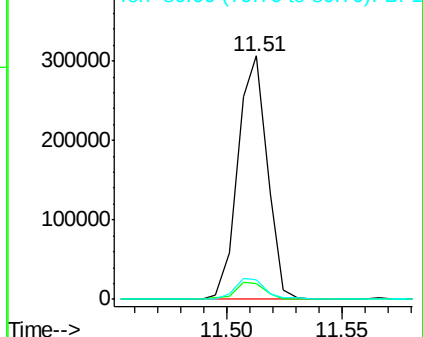
80 7.8 9.2 13.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2010

Delta R.T. -0.02 min

Lab File: BF107516.D

Acq: 19 Jul 2018 19:45

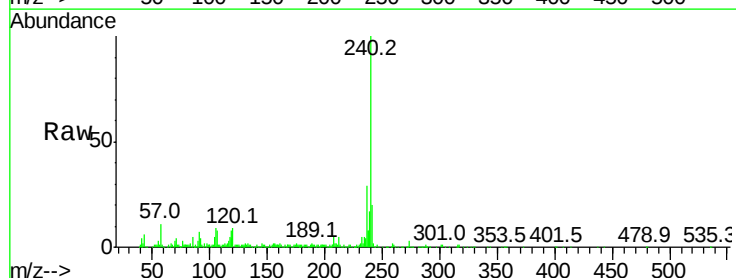
Tgt Ion:240 Resp: 250523

Ion Ratio Lower Upper

240 100

120 9.0 9.5 14.3#

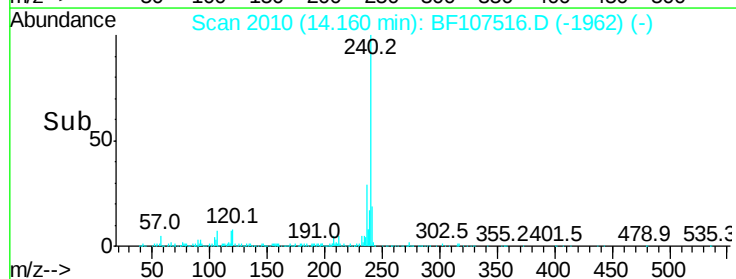
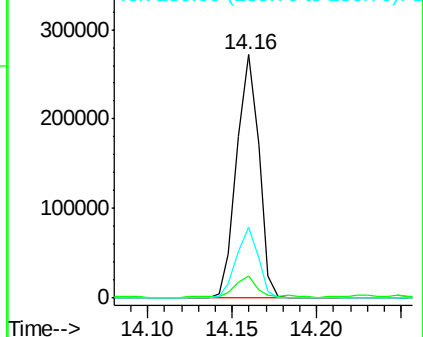
236 29.3 20.7 31.1

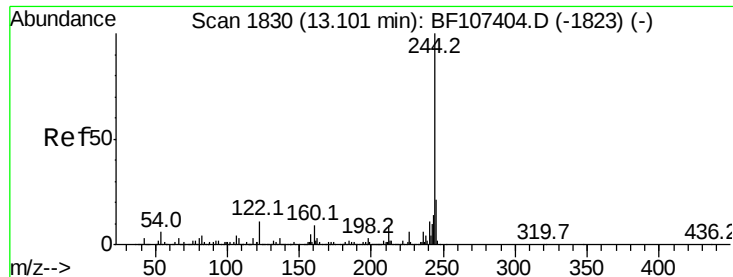


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 15.324 ng

RT: 13.10 min Scan# 1829

Delta R.T. -0.02 min

Lab File: BF107516.D

Acq: 19 Jul 2018 19:45

Instrument :

BNA_F

ClientSampleId :

SD-DEBRI-WIPE

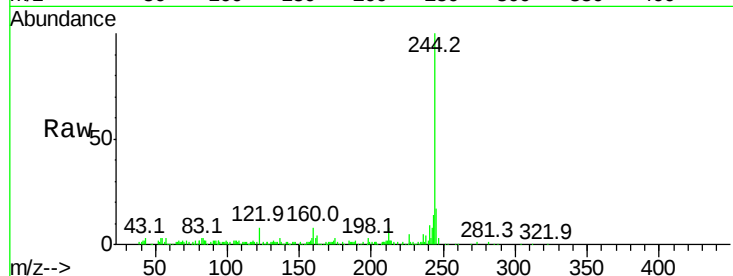
Tot Ion:244 Resp: 154511

Ion Ratio Lower Upper

244 100

212 8.3 5.4 8.0#

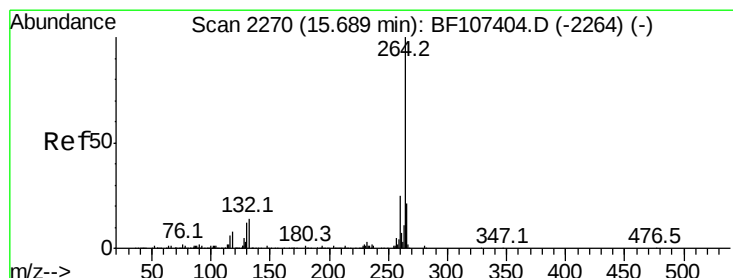
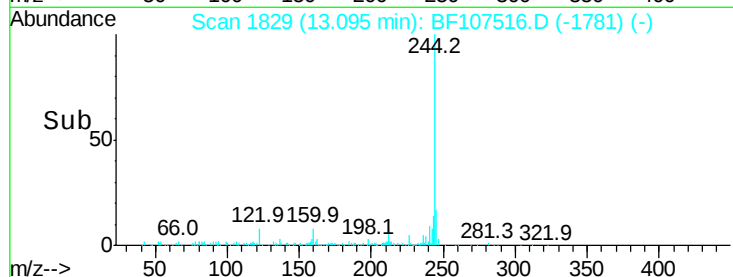
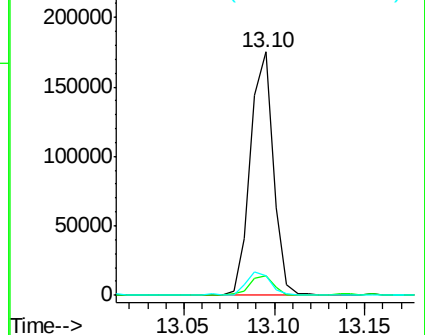
122 7.8 11.0 16.4#



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. -0.02 min

Lab File: BF107516.D

Acq: 19 Jul 2018 19:45

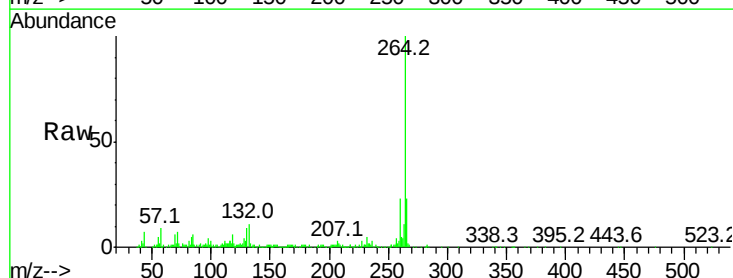
Tgt Ion:264 Resp: 288038

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 22.6 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

