

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
 Data File : BF100867.D
 Acq On : 23 Nov 2017 11:33
 Operator : SJ/JU
 Sample : I6541-09
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 111717-SIDI-F-U-M

Quant Time: Nov 24 23:40:37 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 15:22:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	70453	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	276476	20.00	ng	-0.03
38) Acenaphthene-d10	9.89	164	126397	20.00	ng	-0.03
63) Phenanthrene-d10	11.38	188	212983	20.00	ng	-0.02
75) Chrysene-d12	14.02	240	138986	20.00	ng	-0.02
86) Perylene-d12	15.49	264	152705	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	167895	38.20	ng	-0.02
7) Phenol-d6	6.48	99	127309	23.49	ng	-0.03
23) Nitrobenzene-d5	7.42	82	403650	96.52	ng	-0.03
41) 2,4,6-Tribromophenol	10.69	330	110715	85.96	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	815696	98.27	ng	-0.02
78) Terphenyl-d14	12.97	244	547032	90.43	ng	-0.02

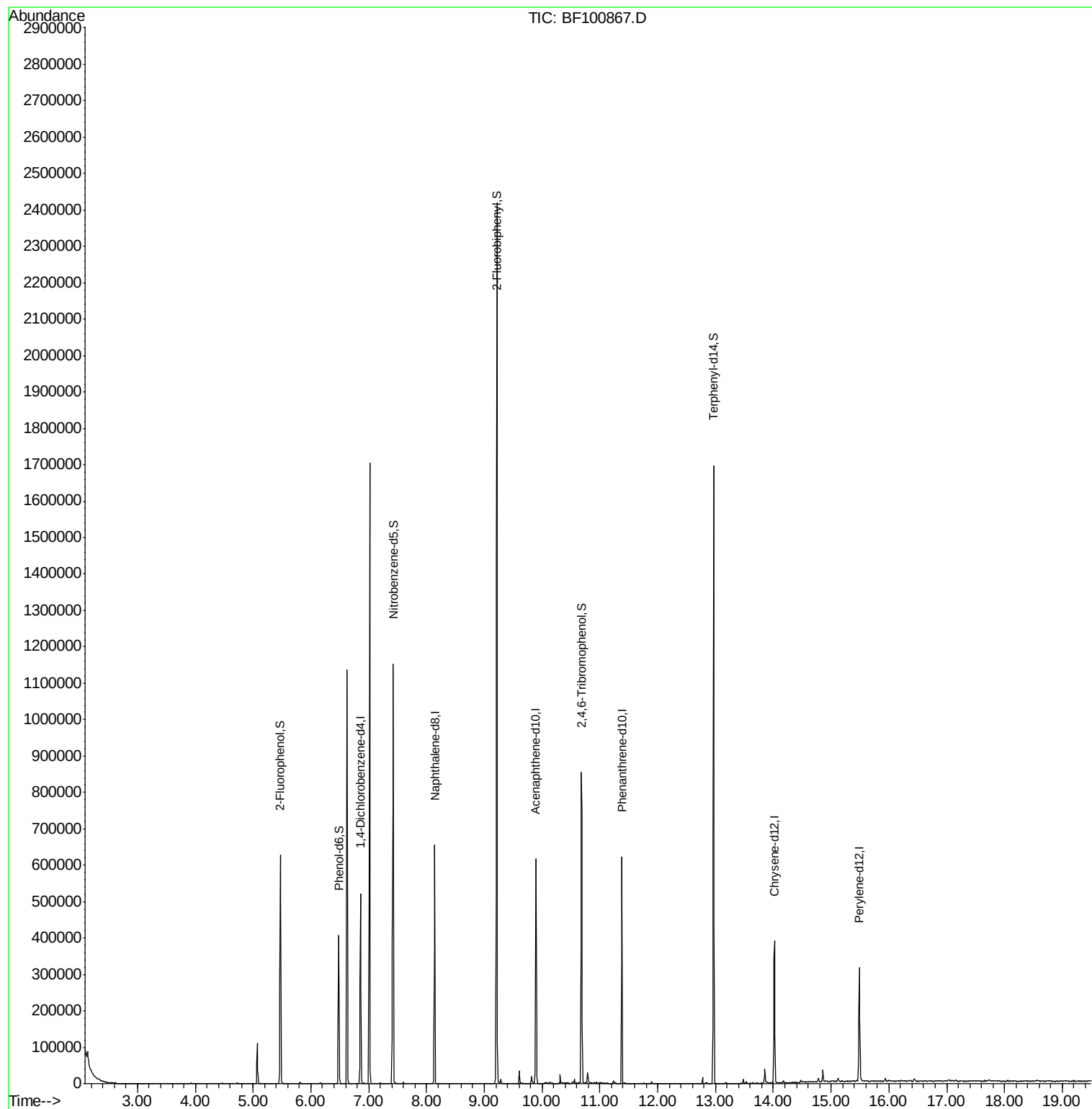
Target Compounds Qvalue

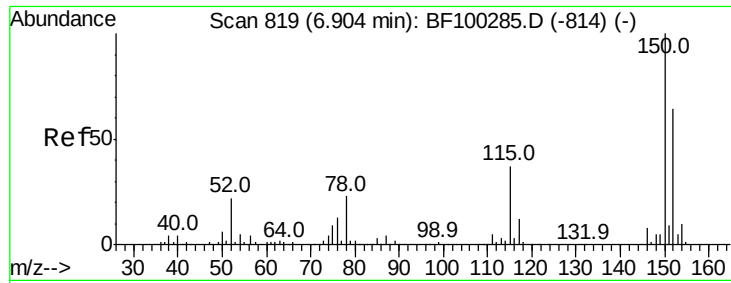
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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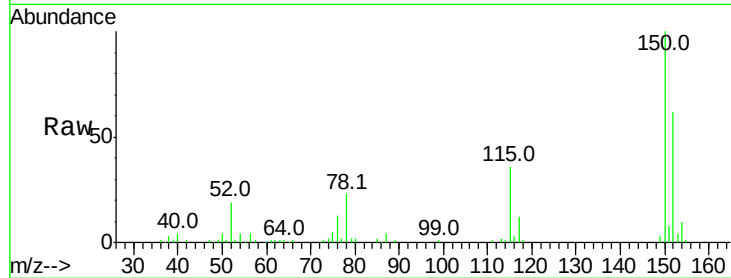


#1

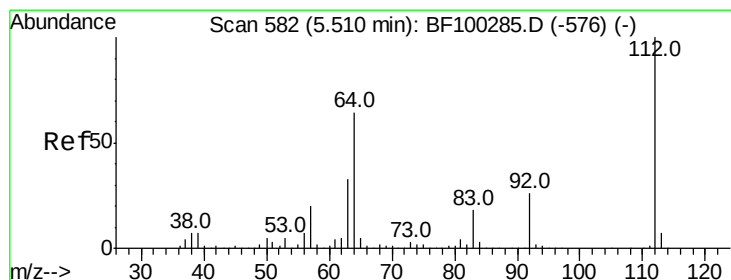
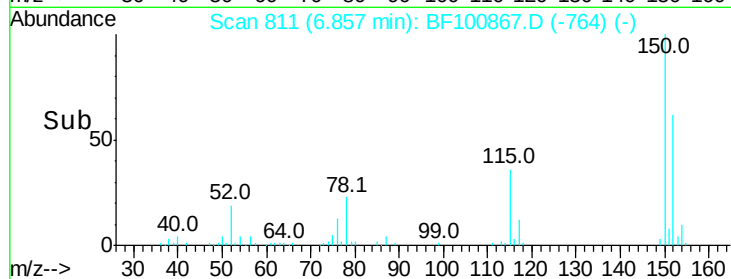
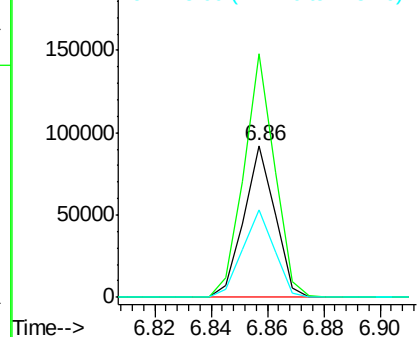
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF100867.D
Acq: 23 Nov 2017 11:33

Instrument :
BNA_F
ClientSampleId :
111717-SIDI-F-U-M

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.2	124.6	186.8
115	57.2	50.1	75.1



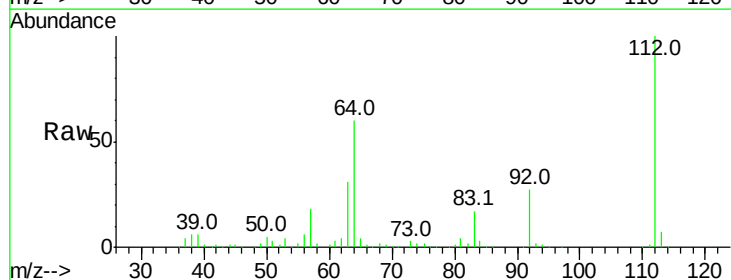
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



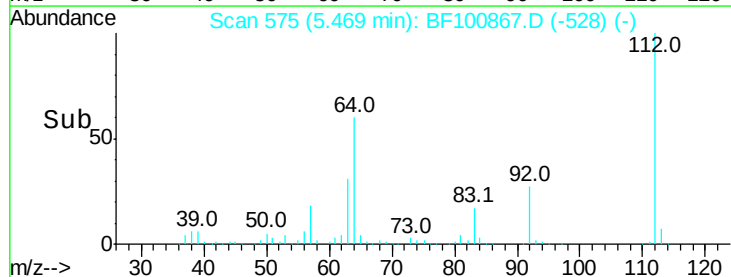
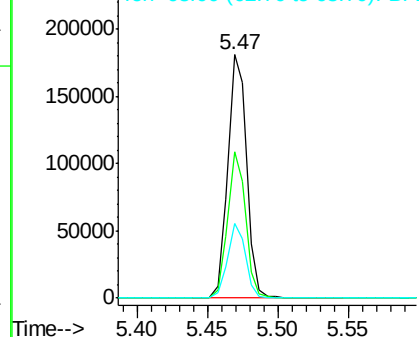
#5

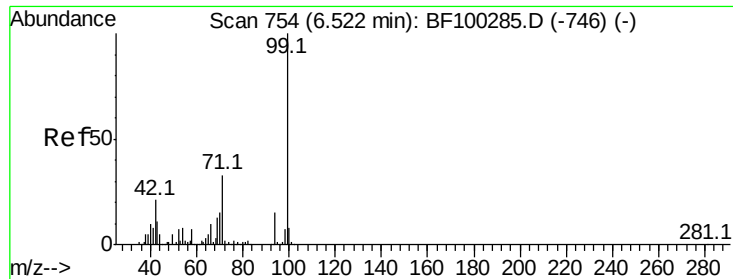
2-Fluorophenol
Concen: 38.200 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.02 min
Lab File: BF100867.D
Acq: 23 Nov 2017 11:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.3	47.9	71.9
63	30.7	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: 23.490 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.03 min

Lab File: BF100867.D

Acq: 23 Nov 2017 11:33

Instrument :

BNA_F

ClientSampleId :

111717-SIDI-F-U-M

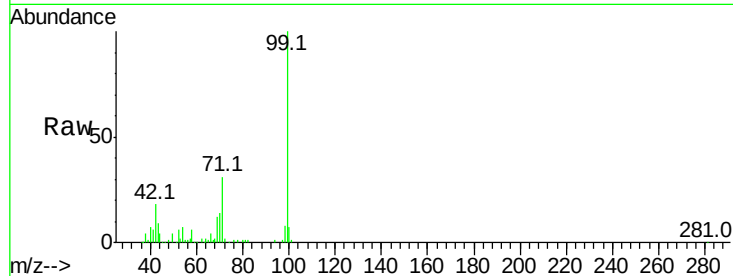
Tot Ion: 99 Resp: 127309

Ion Ratio Lower Upper

99 100

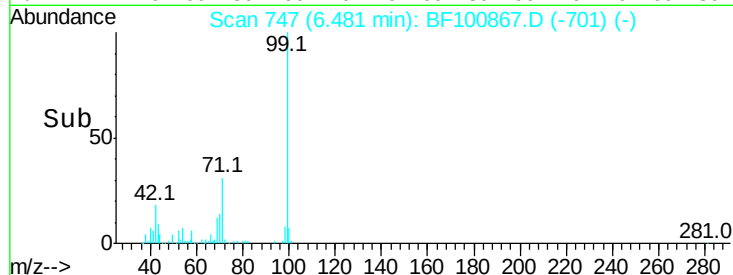
42 17.7 14.5 21.7

71 31.5 25.4 38.0

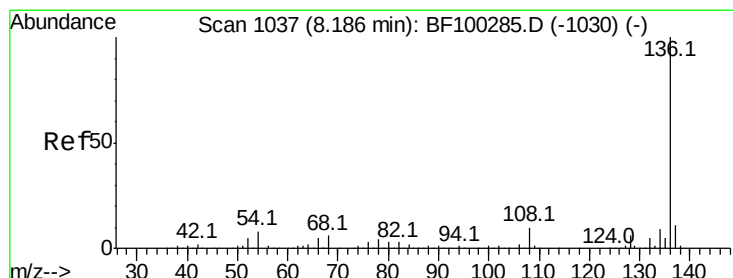


Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1

6.48



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.03 min

Lab File: BF100867.D

Acq: 23 Nov 2017 11:33

Tgt Ion: 136 Resp: 276476

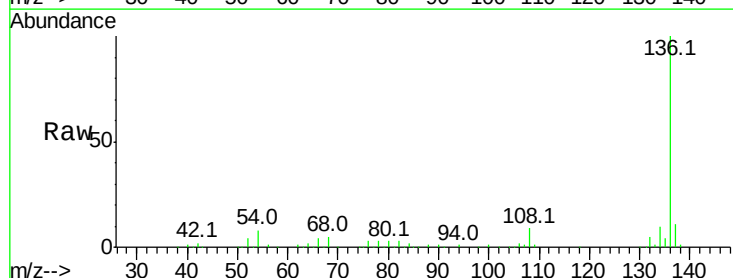
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

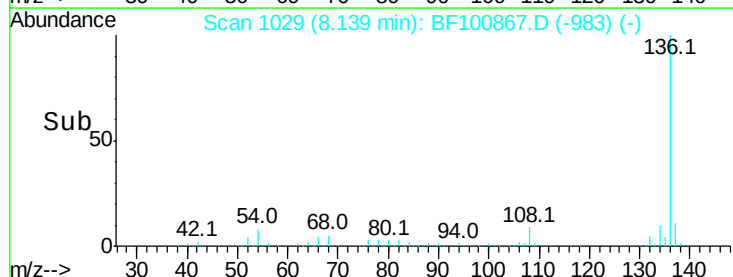
54 7.7 6.6 9.8

68 5.2 5.0 7.4

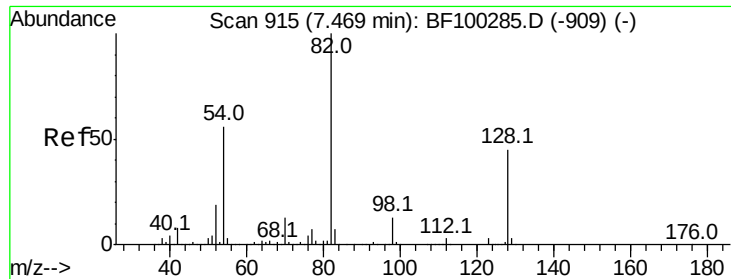


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

8.14



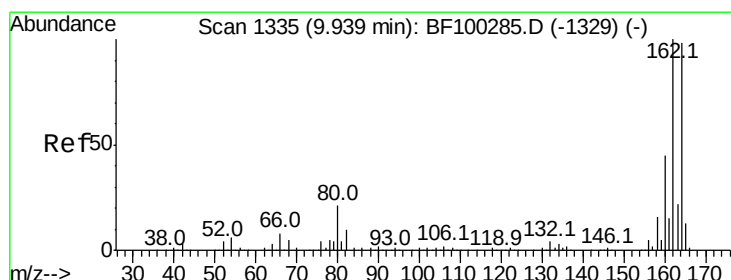
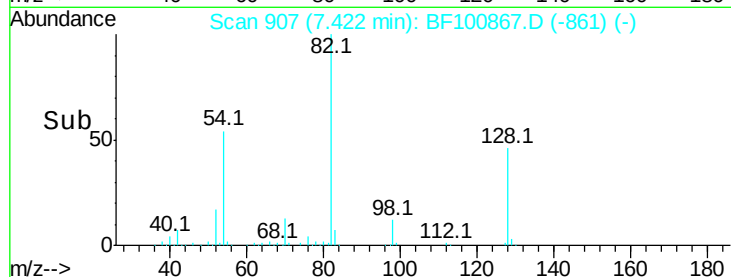
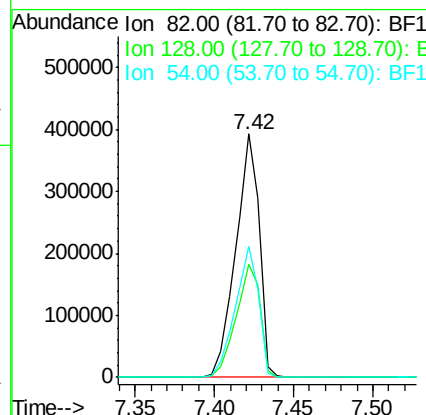
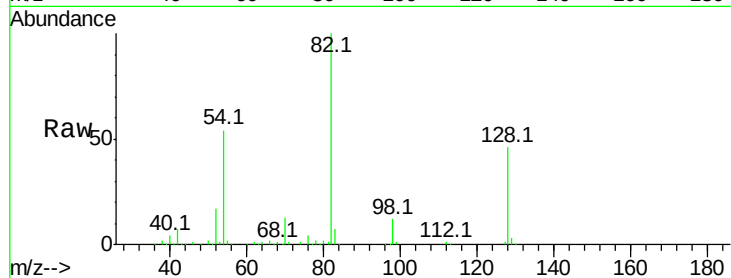
Time-->



#23
 Nitrobenzene-d5
 Concen: 96.524 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.03 min
 Lab File: BF100867.D
 Acq: 23 Nov 2017 11:33

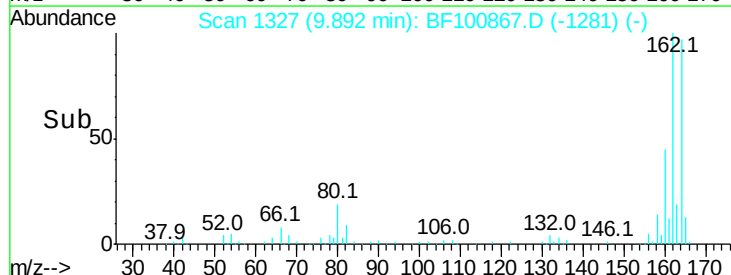
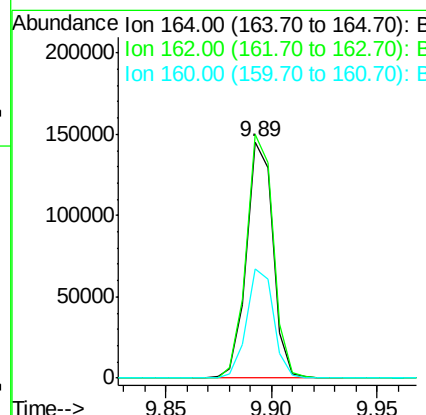
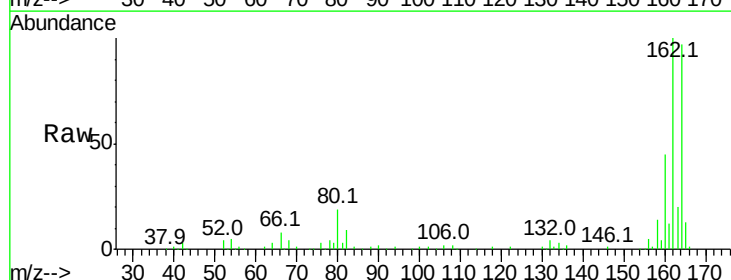
Instrument :
 BNA_F
 ClientSampleId :
 111717-SIDI-F-U-M

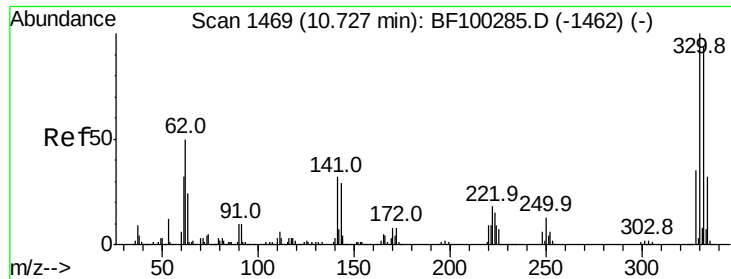
Tot Ion: 82 Resp: 403650
 Ion Ratio Lower Upper
 82 100
 128 46.3 36.1 54.1
 54 54.0 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.03 min
 Lab File: BF100867.D
 Acq: 23 Nov 2017 11:33

Tgt Ion: 164 Resp: 126397
 Ion Ratio Lower Upper
 164 100
 162 103.2 86.1 129.1
 160 46.2 38.3 57.5

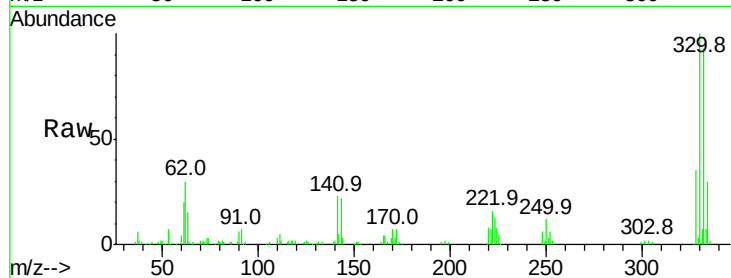




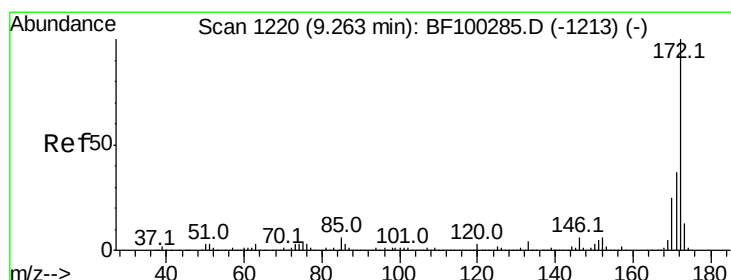
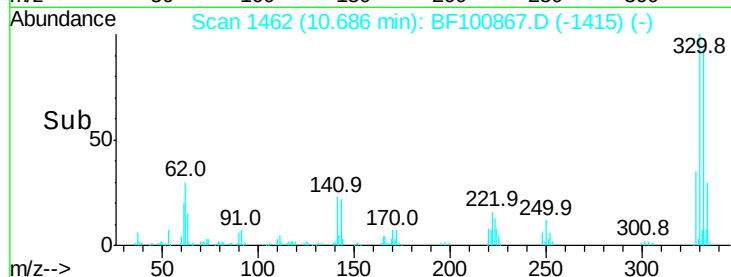
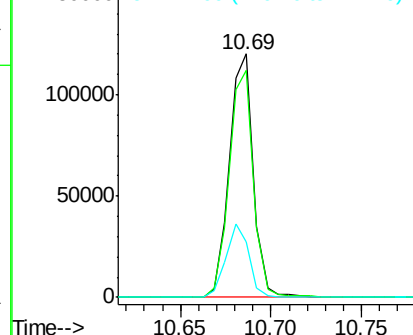
#41
 2,4,6-Tribromophenol
 Concen: 85.960 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.02 min
 Lab File: BF100867.D
 Acq: 23 Nov 2017 11:33

Instrument :
 BNA_F
 ClientSampleId :
 111717-SIDI-F-U-M

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.5	77.0	115.6
141	28.5	29.9	44.9#

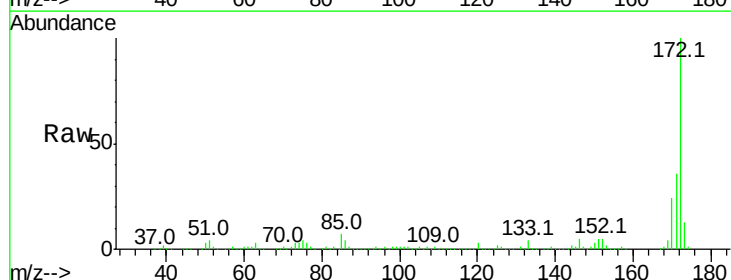


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

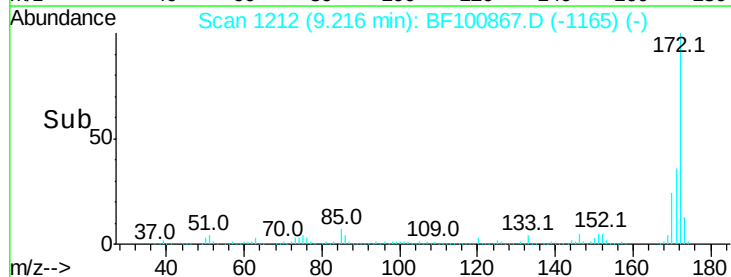
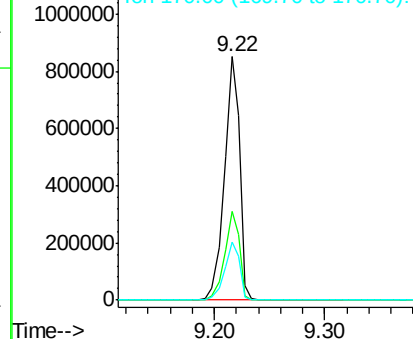


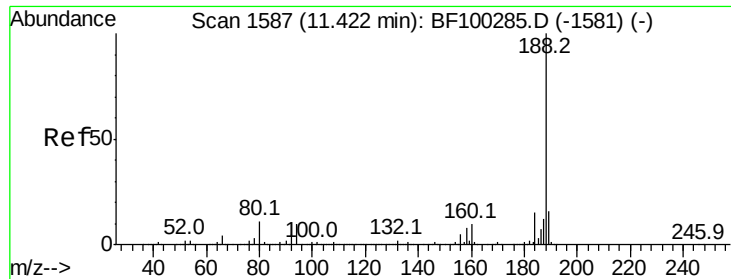
#44
 2-Fluorobiphenyl
 Concen: 98.267 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.02 min
 Lab File: BF100867.D
 Acq: 23 Nov 2017 11:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	23.7	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: 11.38 min Scan# 1580

Delta R.T. -0.02 min

Lab File: BF100867.D

Acq: 23 Nov 2017 11:33

Instrument :

BNA_F

ClientSampleId :

111717-SIDI-F-U-M

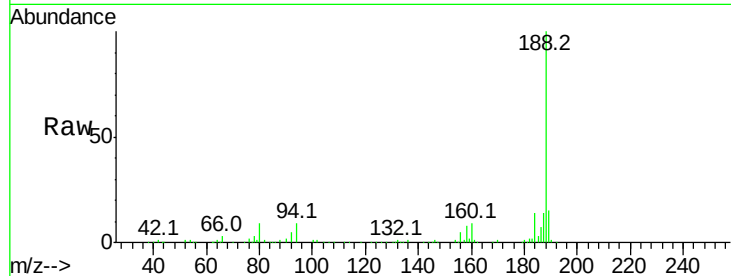
Tot Ion:188 Resp: 212983

Ion Ratio Lower Upper

188 100

94 8.9 8.5 12.7

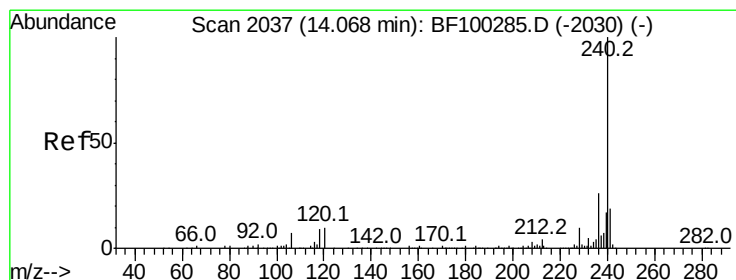
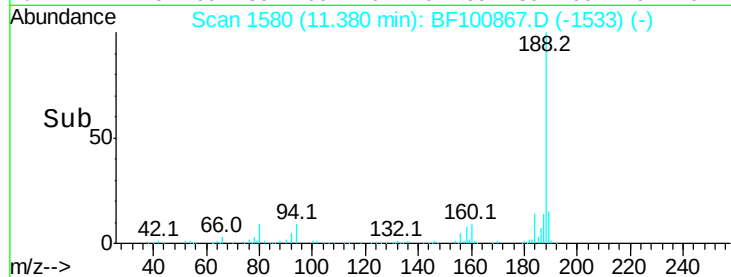
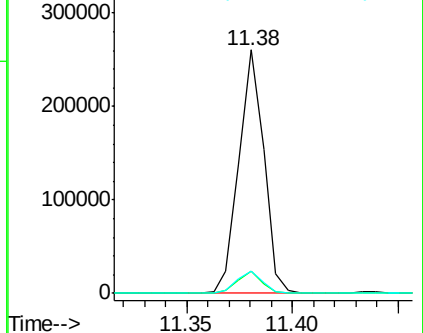
80 9.1 9.2 13.8#



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: 14.02 min Scan# 2029

Delta R.T. -0.02 min

Lab File: BF100867.D

Acq: 23 Nov 2017 11:33

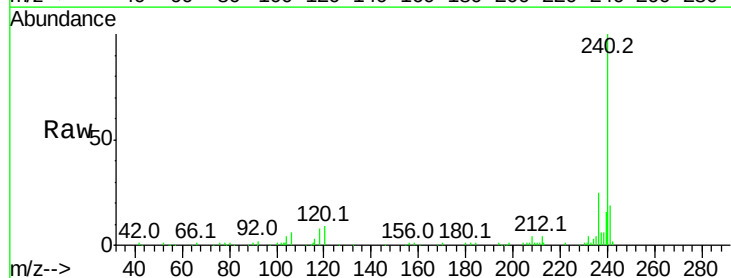
Tgt Ion:240 Resp: 138986

Ion Ratio Lower Upper

240 100

120 9.3 9.5 14.3#

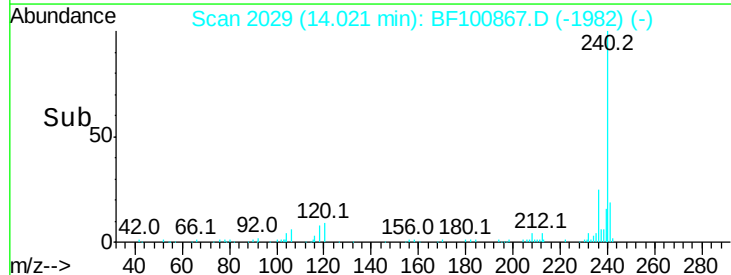
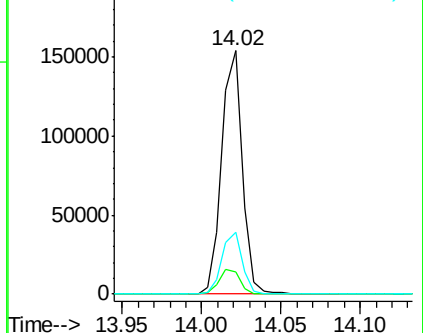
236 25.2 20.7 31.1

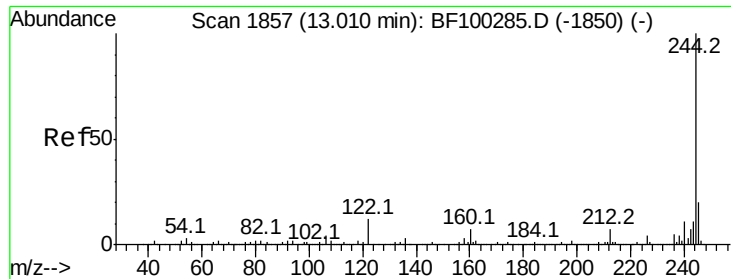


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 90.435 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.02 min

Lab File: BF100867.D

Acq: 23 Nov 2017 11:33

Instrument :

BNA_F

ClientSampleId :

111717-SIDI-F-U-M

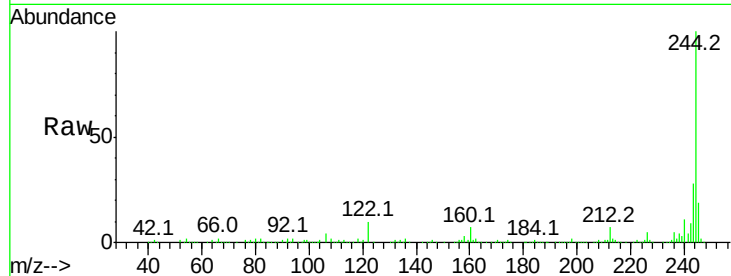
Tot Ion:244 Resp: 547032

Ion Ratio Lower Upper

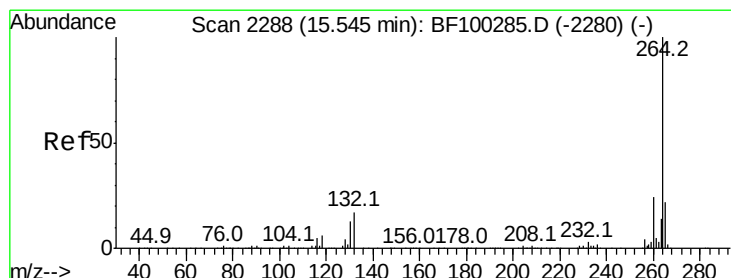
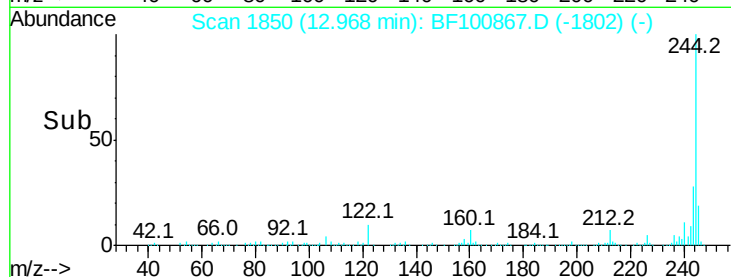
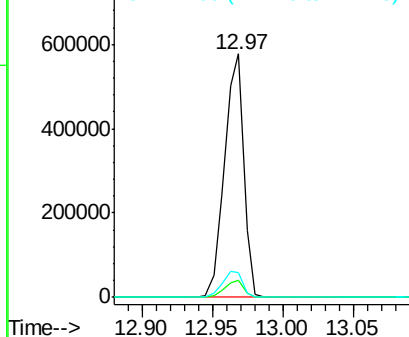
244 100

212 6.8 5.4 8.0

122 10.4 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: 15.49 min Scan# 2279

Delta R.T. -0.02 min

Lab File: BF100867.D

Acq: 23 Nov 2017 11:33

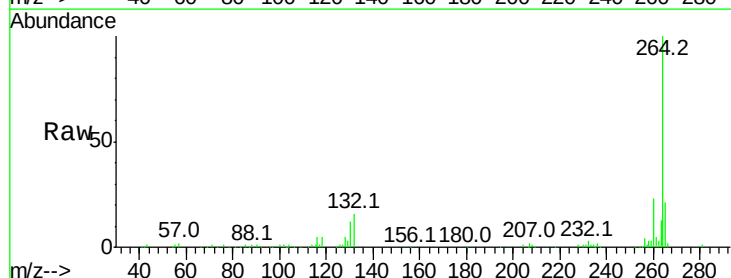
Tgt Ion:264 Resp: 152705

Ion Ratio Lower Upper

264 100

260 22.7 19.2 28.8

265 21.2 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

