

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
 Data File : BF100866.D
 Acq On : 23 Nov 2017 11:06
 Operator : SJ/JU
 Sample : I6541-08
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

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

Quant Time: Nov 24 23:33:53 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	73195	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	278934	20.00	ng	-0.03
38) Acenaphthene-d10	9.89	164	126149	20.00	ng	-0.03
63) Phenanthrene-d10	11.38	188	209511	20.00	ng	-0.02
75) Chrysene-d12	14.02	240	138740	20.00	ng	-0.02
86) Perylene-d12	15.49	264	152963	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	194522	42.60	ng	-0.02
7) Phenol-d6	6.48	99	158935	28.23	ng	-0.03
23) Nitrobenzene-d5	7.42	82	451100	106.92	ng	-0.03
41) 2,4,6-Tribromophenol	10.69	330	120318	93.60	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	880562	106.29	ng	-0.02
78) Terphenyl-d14	12.97	244	596945	98.86	ng	-0.02

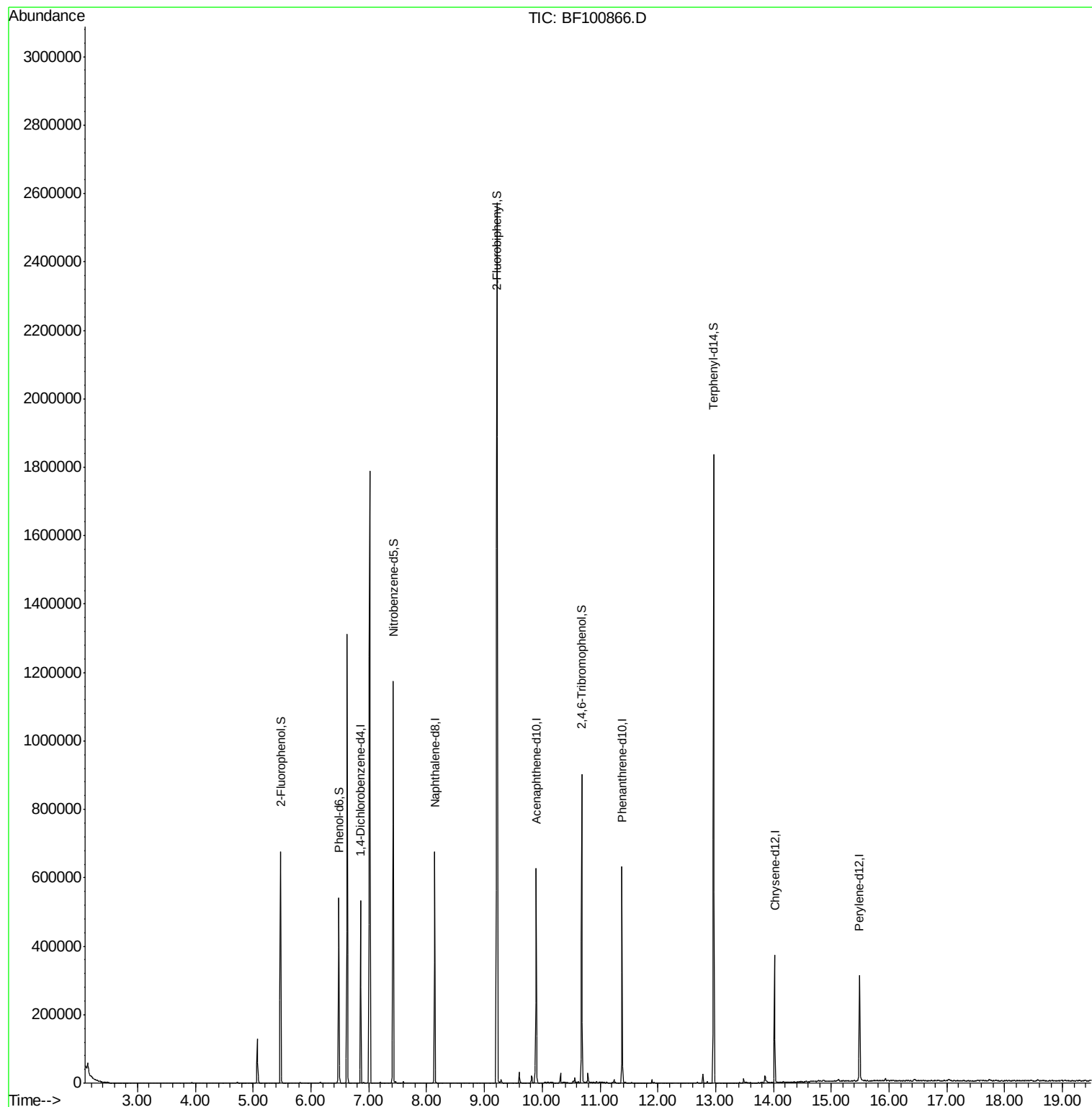
Target Compounds Qvalue

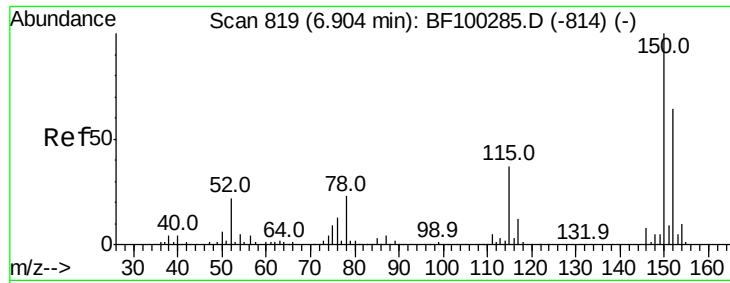
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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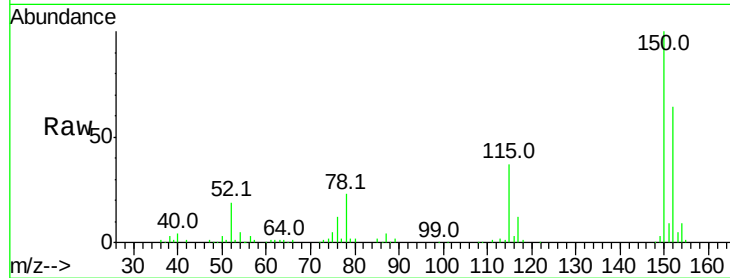


#1

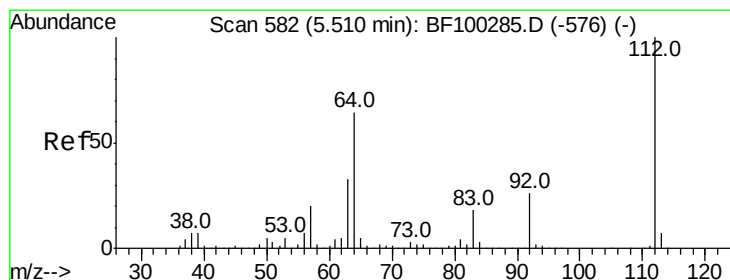
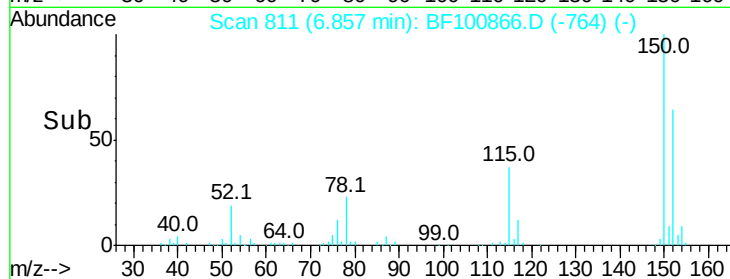
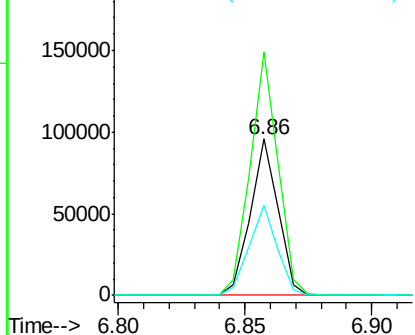
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF100866.D
Acq: 23 Nov 2017 11:06

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

Tot Ion:152 Resp: 73195
Ion Ratio Lower Upper
152 100
150 155.7 124.6 186.8
115 57.8 50.1 75.1



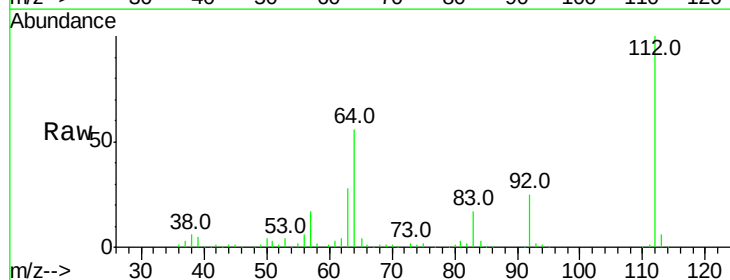
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



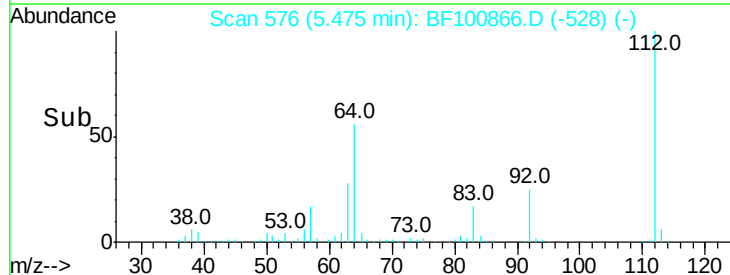
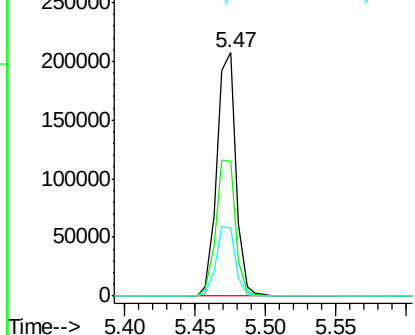
#5

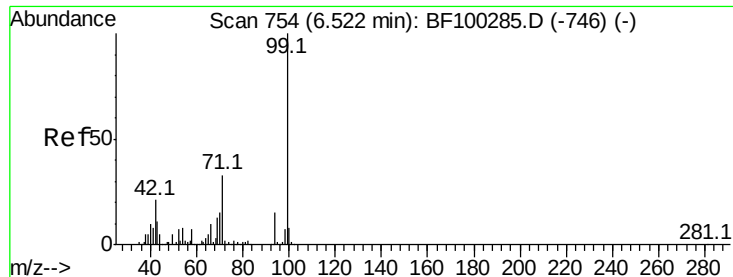
2-Fluorophenol
Concen: 42.601 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.02 min
Lab File: BF100866.D
Acq: 23 Nov 2017 11:06

Tgt Ion:112 Resp: 194522
Ion Ratio Lower Upper
112 100
64 55.6 47.9 71.9
63 27.8 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: 28.227 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.03 min

Lab File: BF100866.D

Acq: 23 Nov 2017 11:06

Instrument :

BNA_F

ClientSampleId :

111717-SIDI-F-U-B

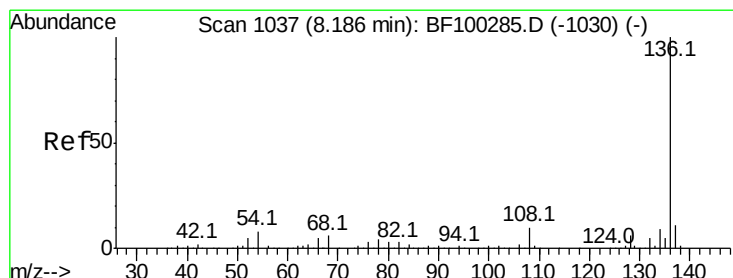
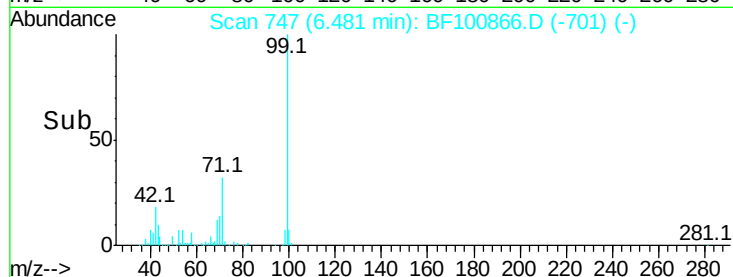
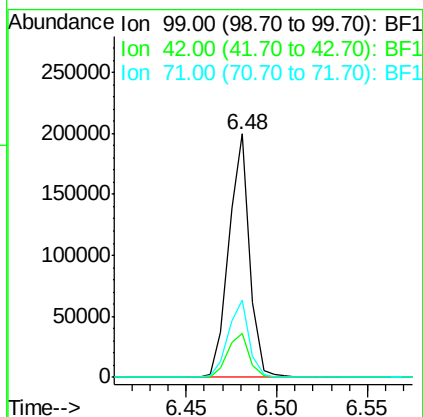
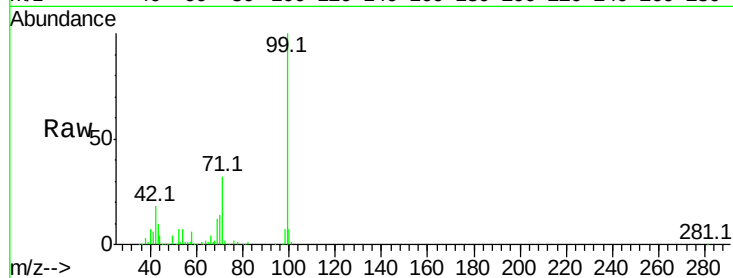
Tot Ion: 99 Resp: 158935

Ion Ratio Lower Upper

99 100

42 18.2 14.5 21.7

71 31.8 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.03 min

Lab File: BF100866.D

Acq: 23 Nov 2017 11:06

Tgt Ion: 136 Resp: 278934

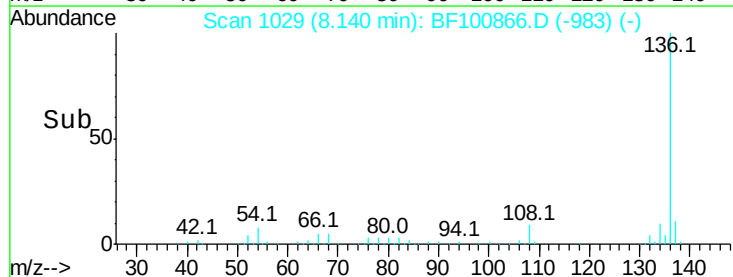
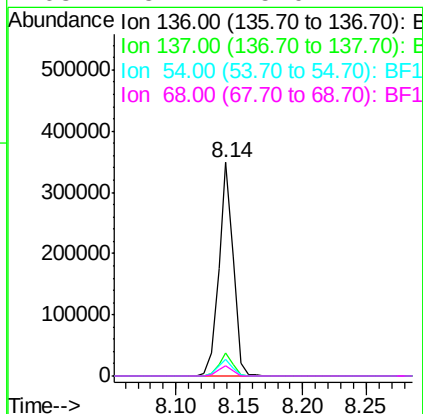
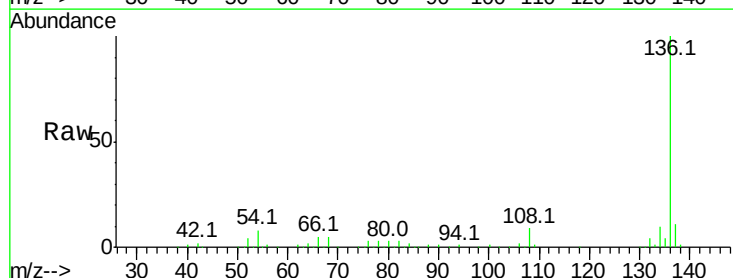
Ion Ratio Lower Upper

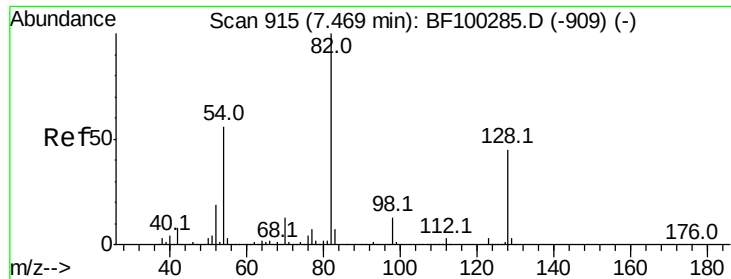
136 100

137 11.1 8.9 13.3

54 7.8 6.6 9.8

68 5.1 5.0 7.4

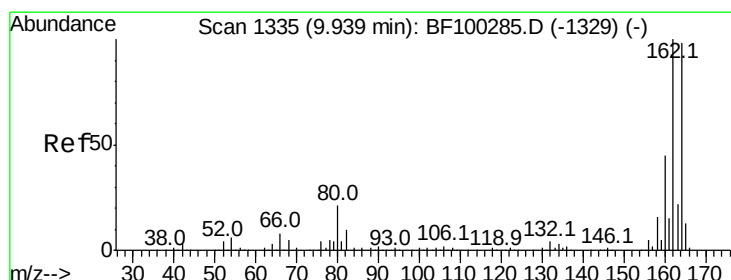
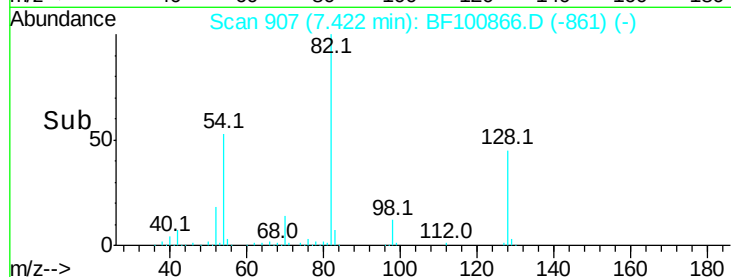
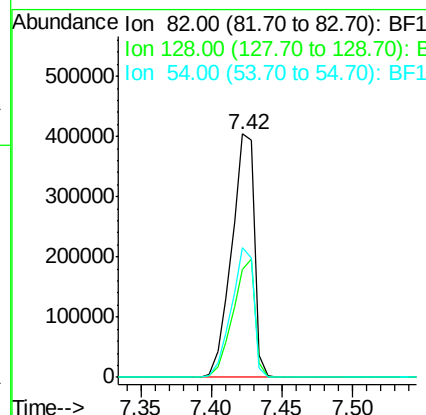
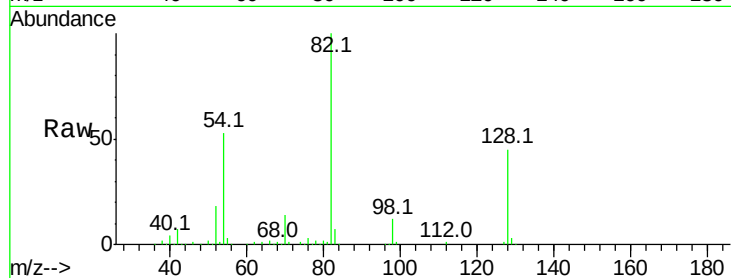




#23
 Nitrobenzene-d5
 Concen: 106.920 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.03 min
 Lab File: BF100866.D
 Acq: 23 Nov 2017 11:06

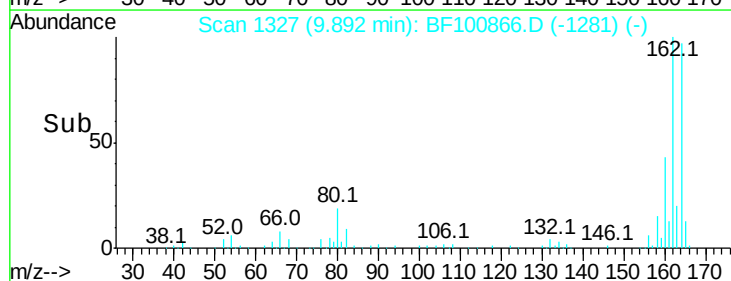
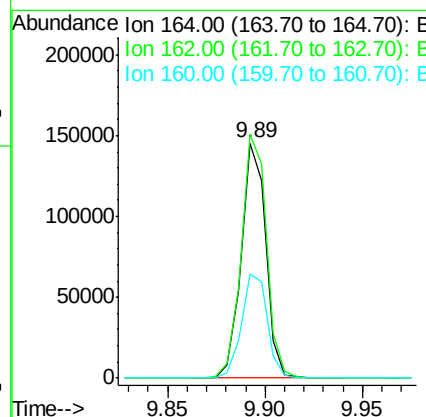
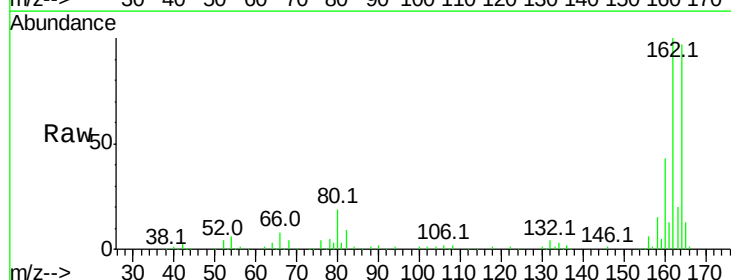
Instrument :
 BNA_F
 ClientSampleId :
 111717-SIDI-F-U-B

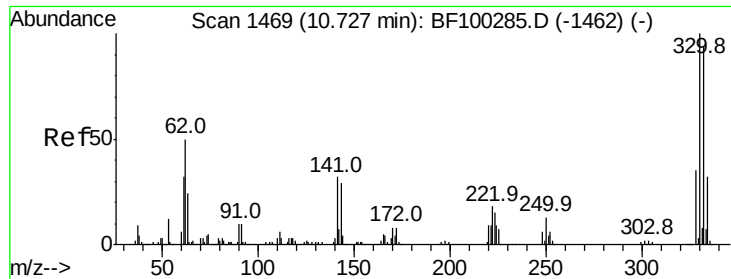
Tot Ion: 82 Resp: 451100
 Ion Ratio Lower Upper
 82 100
 128 44.6 36.1 54.1
 54 53.3 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.03 min
 Lab File: BF100866.D
 Acq: 23 Nov 2017 11:06

Tgt Ion: 164 Resp: 126149
 Ion Ratio Lower Upper
 164 100
 162 103.5 86.1 129.1
 160 44.1 38.3 57.5





#41

2,4,6-Tribromophenol

Concen: 93.599 ng

RT: 10.69 min Scan# 1462

Delta R.T. -0.02 min

Lab File: BF100866.D

Acq: 23 Nov 2017 11:06

Instrument :

BNA_F

ClientSampleId :

111717-SIDI-F-U-B

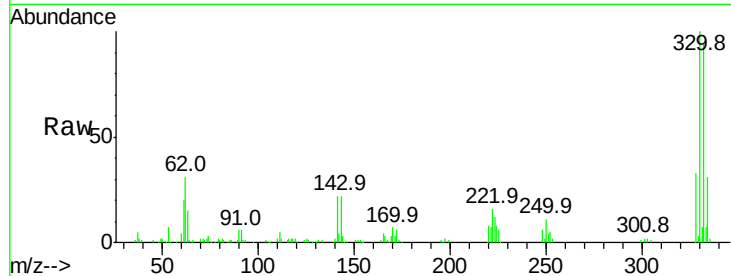
Tot Ion:330 Resp: 120318

Ion Ratio Lower Upper

330 100

332 94.7 77.0 115.6

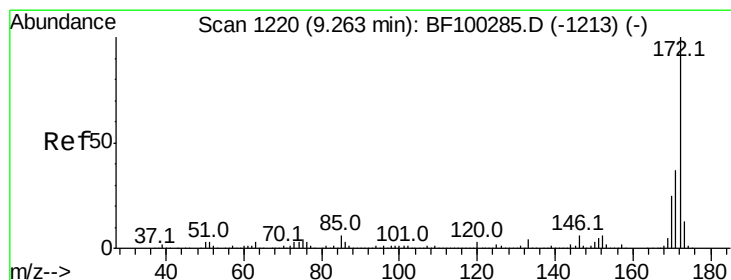
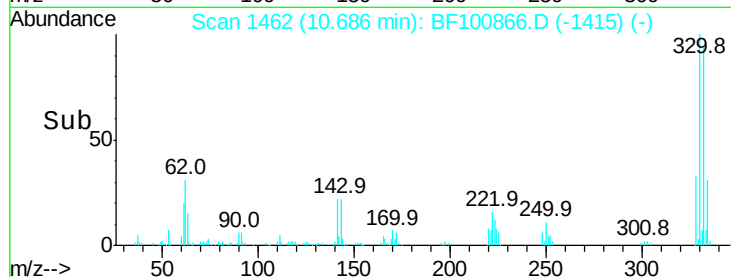
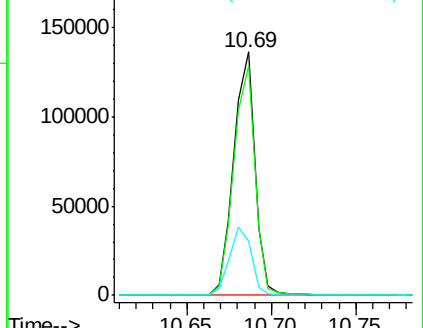
141 28.8 29.9 44.9#



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: 106.290 ng

RT: 9.22 min Scan# 1212

Delta R.T. -0.02 min

Lab File: BF100866.D

Acq: 23 Nov 2017 11:06

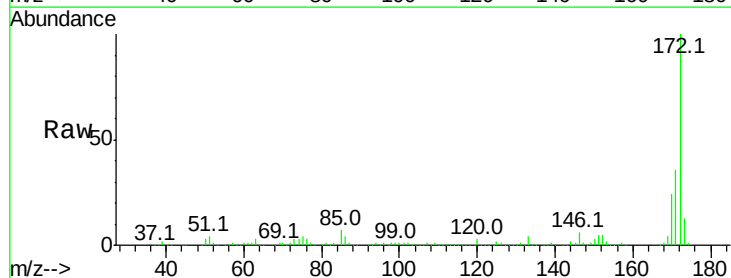
Tgt Ion:172 Resp: 880562

Ion Ratio Lower Upper

172 100

171 36.1 29.7 44.5

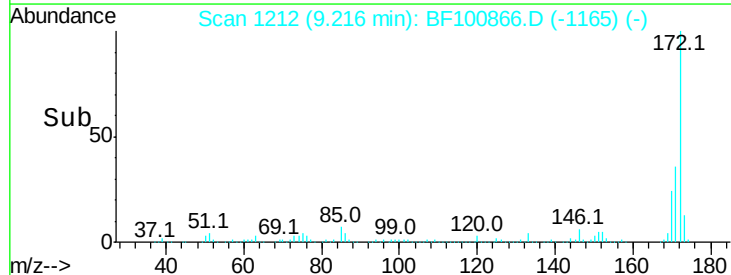
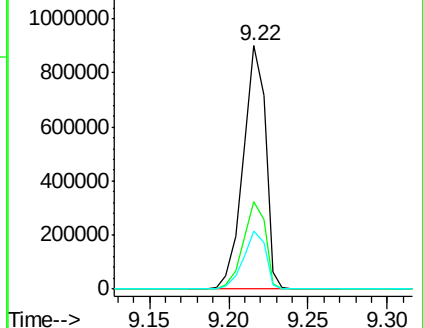
170 23.8 19.6 29.4

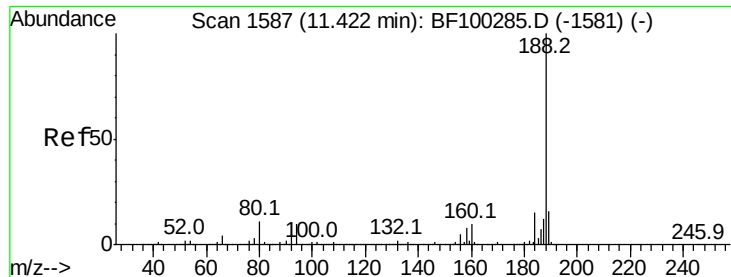


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

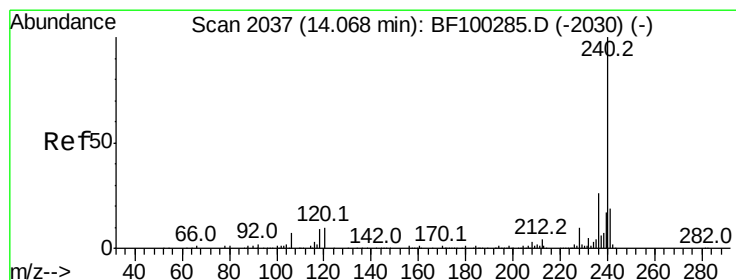
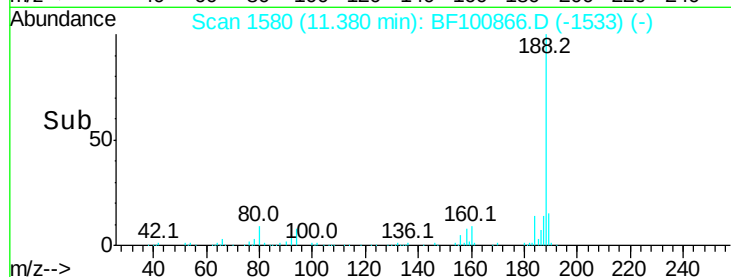
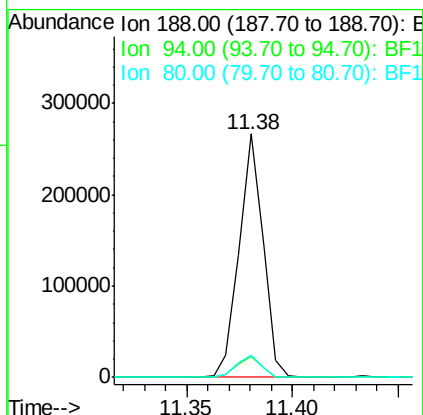
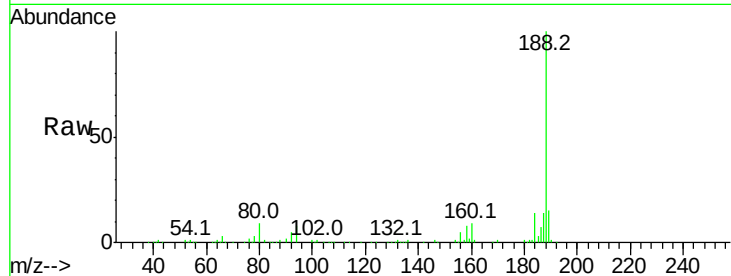




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.02 min
Lab File: BF100866.D
Acq: 23 Nov 2017 11:06

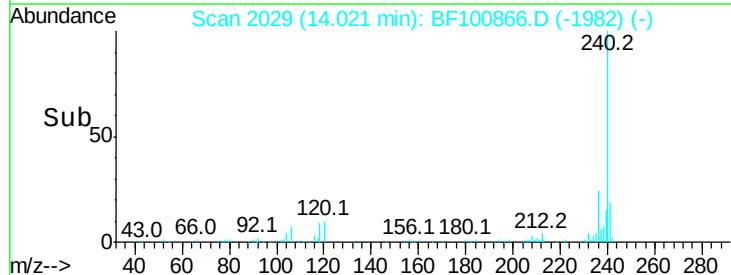
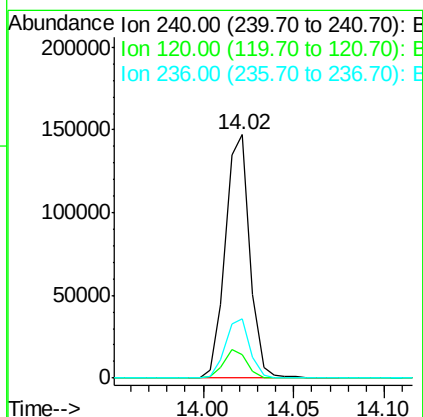
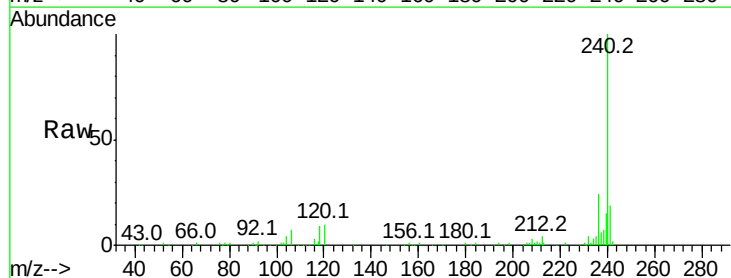
Instrument :
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ClientSampleId :
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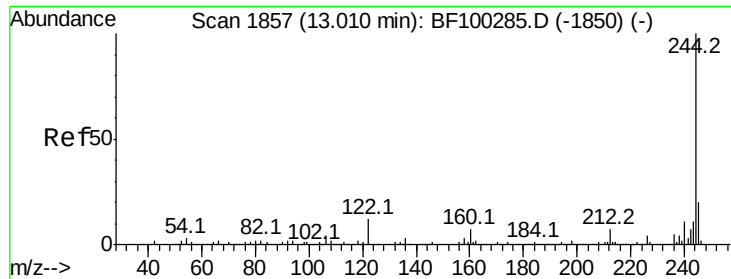
Tot Ion:188 Resp: 209511
Ion Ratio Lower Upper
188 100
94 8.5 8.5 12.7#
80 9.2 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.02 min
Lab File: BF100866.D
Acq: 23 Nov 2017 11:06

Tgt Ion:240 Resp: 138740
Ion Ratio Lower Upper
240 100
120 9.6 9.5 14.3
236 24.2 20.7 31.1





#78

Terphenyl-d14

Concen: 98.862 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.02 min

Lab File: BF100866.D

Acq: 23 Nov 2017 11:06

Instrument :

BNA_F

ClientSampleId :

111717-SIDI-F-U-B

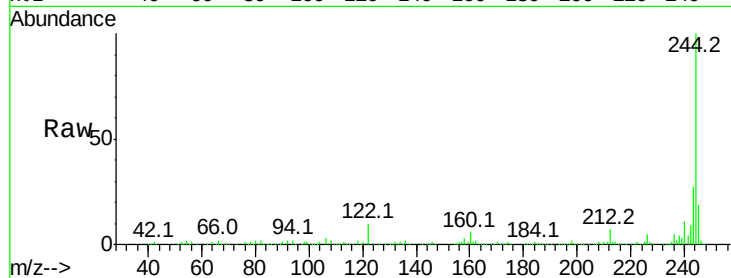
Tot Ion:244 Resp: 596945

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

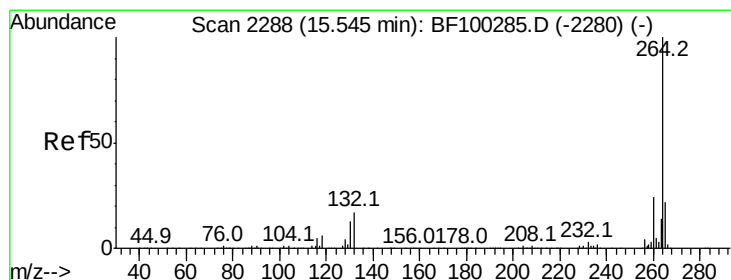
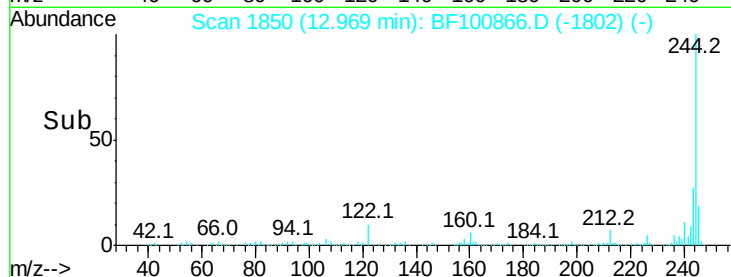
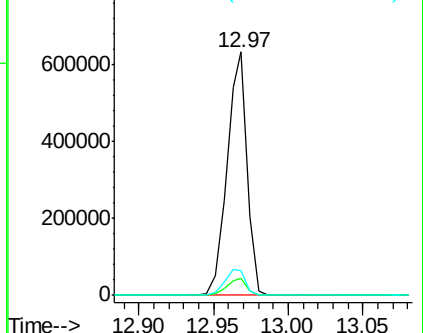
122 10.1 11.0 16.4#



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: 15.49 min Scan# 2278

Delta R.T. -0.03 min

Lab File: BF100866.D

Acq: 23 Nov 2017 11:06

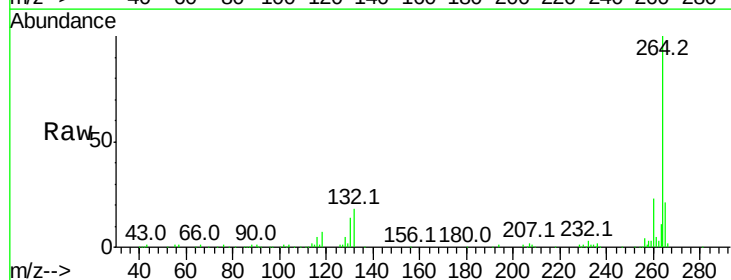
Tgt Ion:264 Resp: 152963

Ion Ratio Lower Upper

264 100

260 22.8 19.2 28.8

265 20.6 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

