

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
 Data File : BF100863.D
 Acq On : 23 Nov 2017 9:47
 Operator : SJ/JU
 Sample : I6541-05
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

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

Quant Time: Nov 24 23:07:48 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	76771	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	292956	20.00	ng	-0.03
38) Acenaphthene-d10	9.89	164	130931	20.00	ng	-0.03
63) Phenanthrene-d10	11.38	188	216120	20.00	ng	-0.02
75) Chrysene-d12	14.02	240	141790	20.00	ng	-0.02
86) Perylene-d12	15.49	264	157945	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	206963	43.21	ng	-0.02
7) Phenol-d6	6.48	99	164702	27.89	ng	-0.03
23) Nitrobenzene-d5	7.43	82	475549	107.32	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	123966	92.91	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	916189	106.55	ng	-0.02
78) Terphenyl-d14	12.97	244	603168	97.74	ng	-0.02

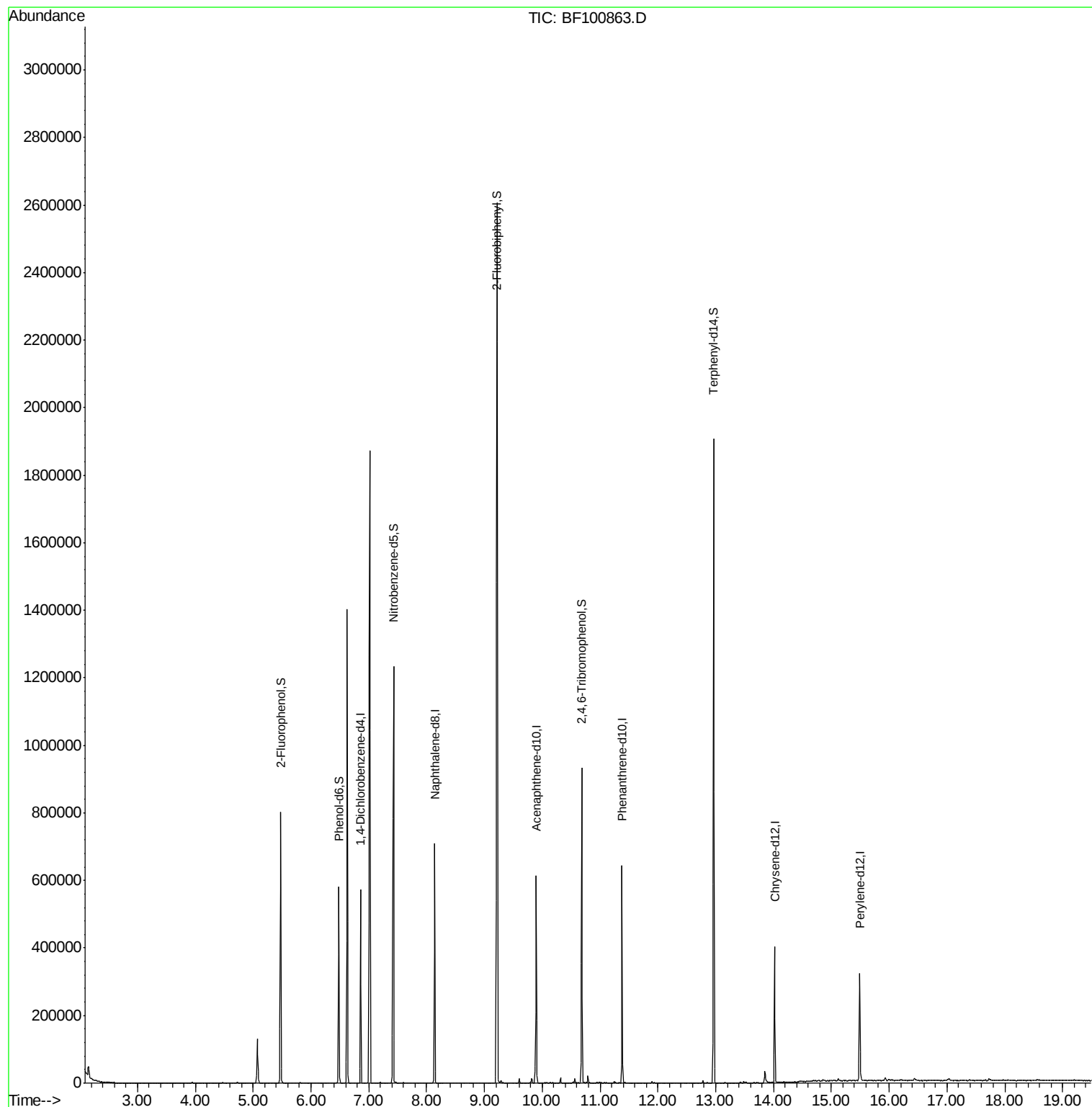
Target Compounds Qvalue

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

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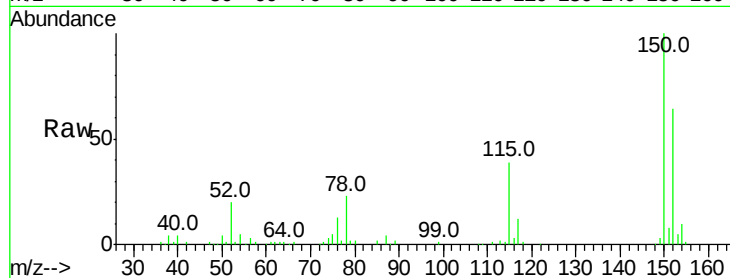


#1

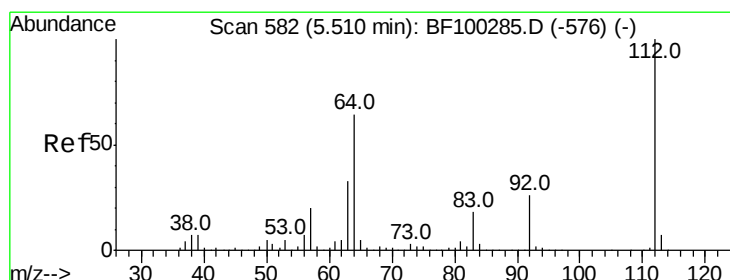
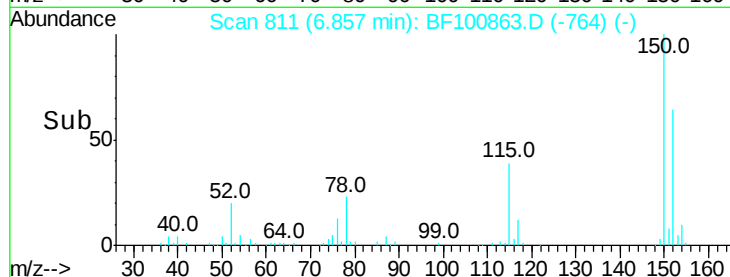
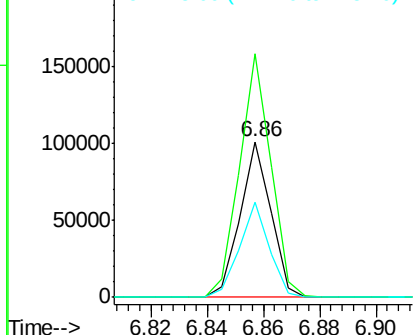
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF100863.D
Acq: 23 Nov 2017 9:47

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

Tot Ion:152 Resp: 76771
Ion Ratio Lower Upper
152 100
150 156.2 124.6 186.8
115 61.1 50.1 75.1



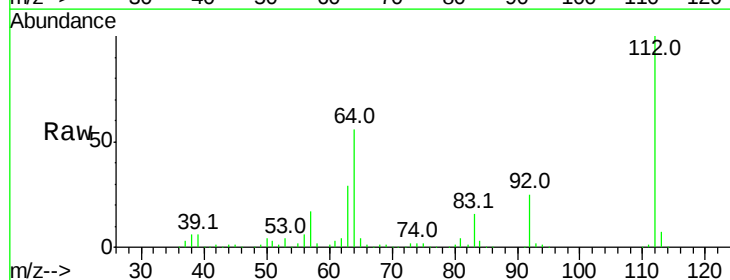
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



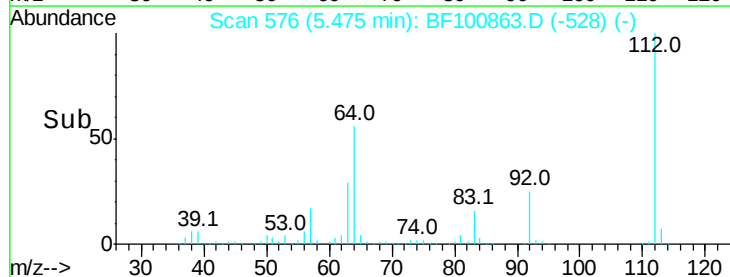
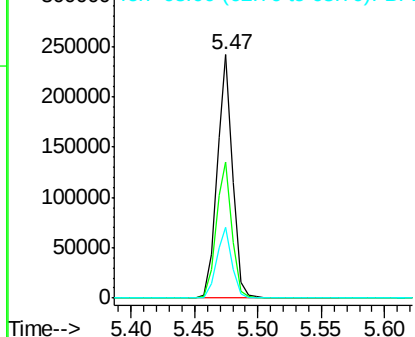
#5

2-Fluorophenol
Concen: 43.214 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.02 min
Lab File: BF100863.D
Acq: 23 Nov 2017 9:47

Tgt Ion:112 Resp: 206963
Ion Ratio Lower Upper
112 100
64 55.8 47.9 71.9
63 29.3 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: 27.888 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.03 min

Lab File: BF100863.D

Acq: 23 Nov 2017 9:47

Instrument :

BNA_F

ClientSampleId :

111717-SIDI-F-D-B

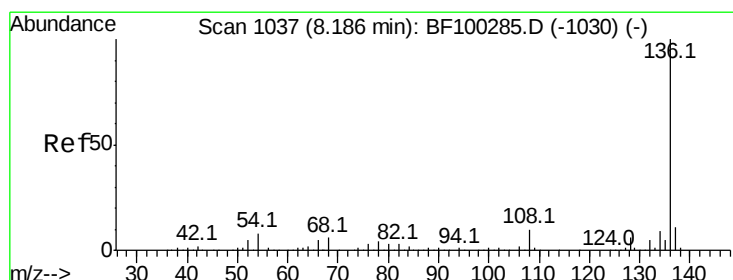
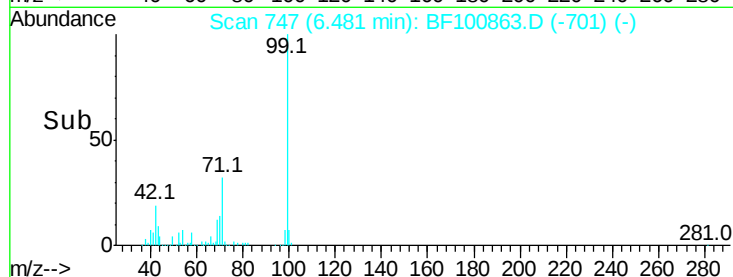
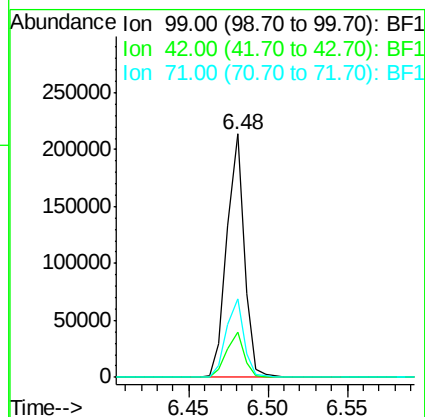
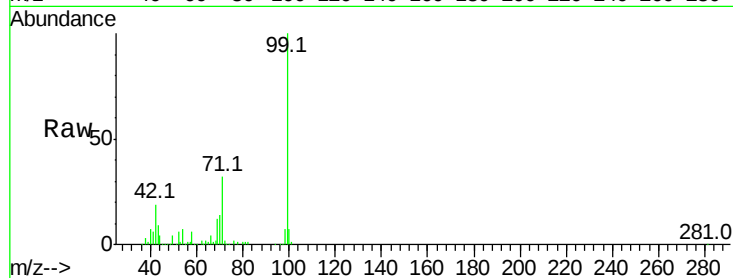
Tot Ion: 99 Resp: 164702

Ion Ratio Lower Upper

99 100

42 18.6 14.5 21.7

71 32.1 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: BF100863.D

Acq: 23 Nov 2017 9:47

Tgt Ion: 136 Resp: 292956

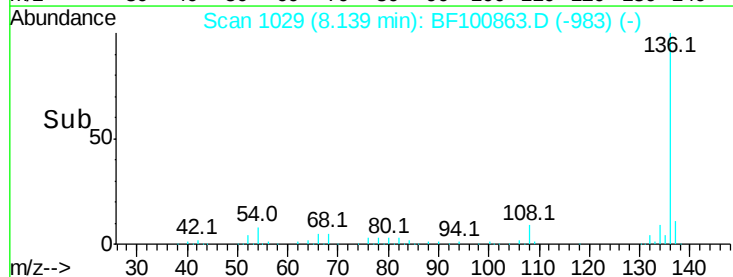
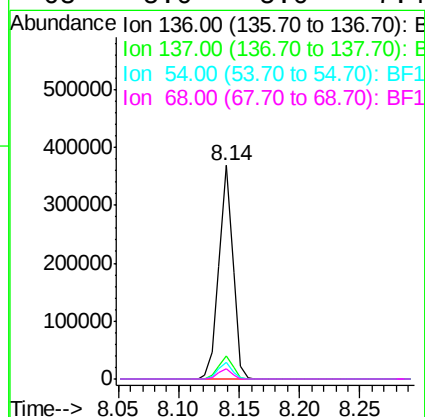
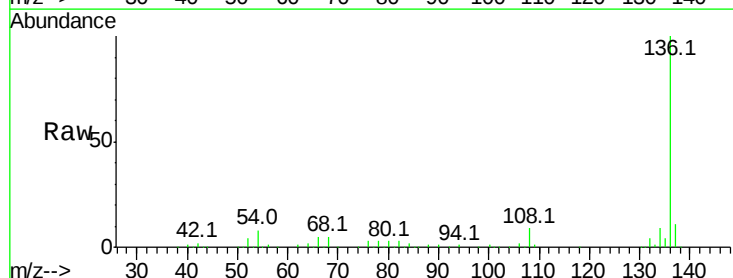
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 7.7 6.6 9.8

68 5.0 5.0 7.4

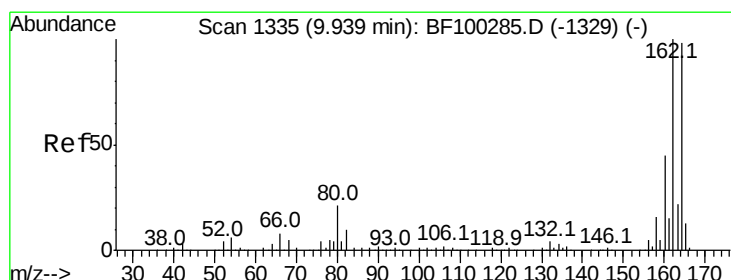
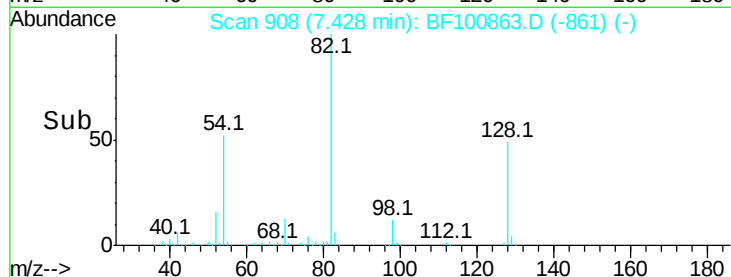
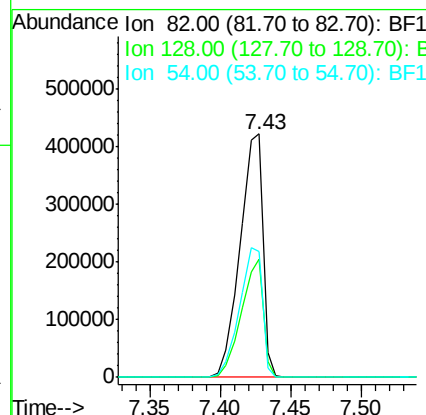
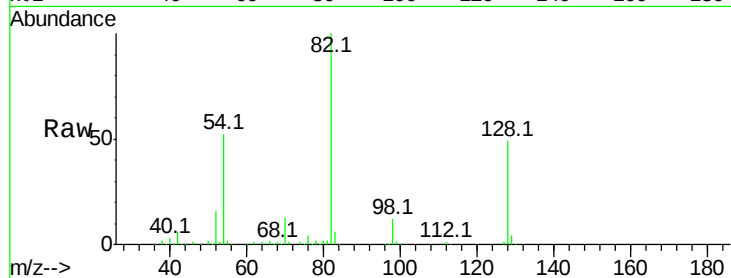




#23
 Nitrobenzene-d5
 Concen: 107.320 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.02 min
 Lab File: BF100863.D
 Acq: 23 Nov 2017 9:47

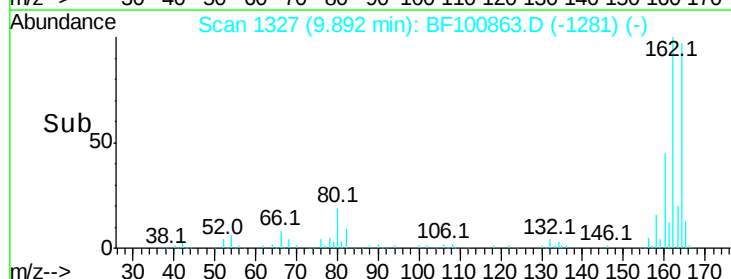
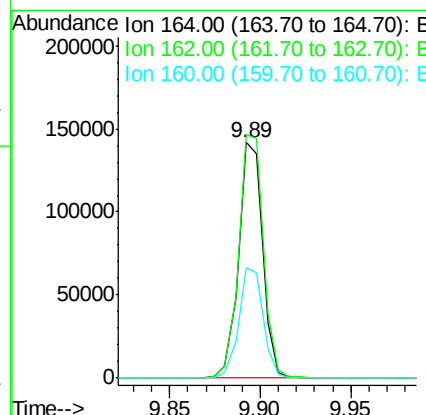
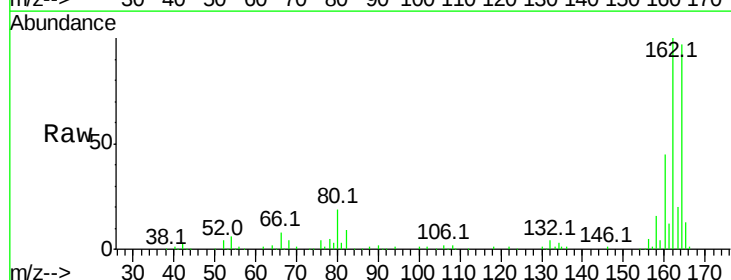
Instrument :
 BNA_F
 ClientSampleId :
 111717-SIDI-F-D-B

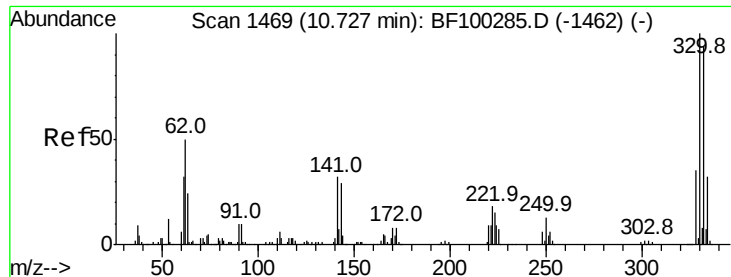
Tot Ion: 82 Resp: 475549
 Ion Ratio Lower Upper
 82 100
 128 48.6 36.1 54.1
 54 51.8 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.03 min
 Lab File: BF100863.D
 Acq: 23 Nov 2017 9:47

Tgt Ion:164 Resp: 130931
 Ion Ratio Lower Upper
 164 100
 162 103.2 86.1 129.1
 160 46.8 38.3 57.5

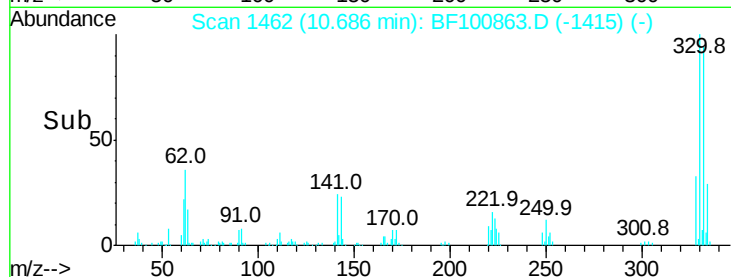
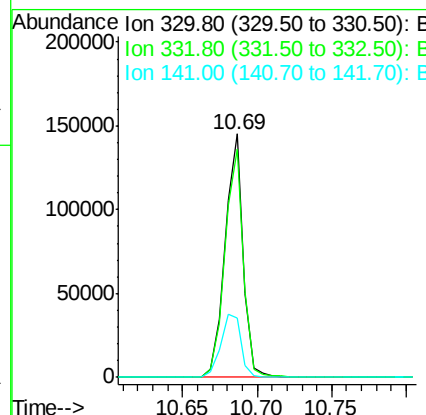
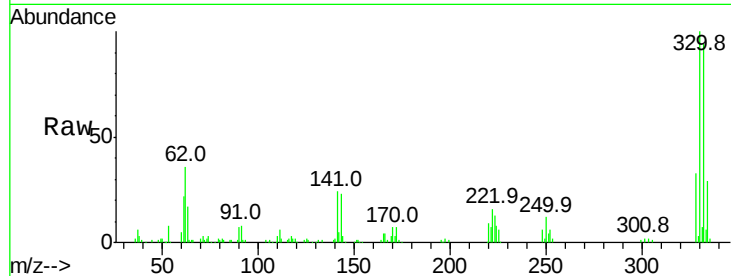




#41
 2,4,6-Tribromophenol
 Concen: 92.915 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.02 min
 Lab File: BF100863.D
 Acq: 23 Nov 2017 9:47

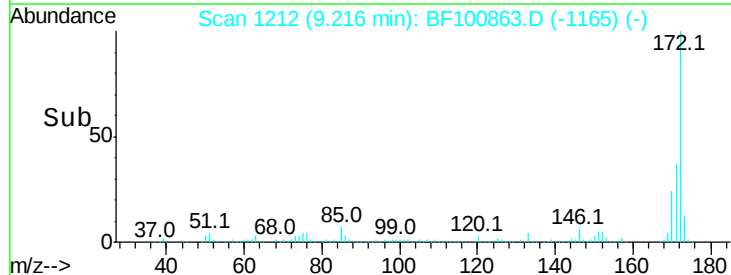
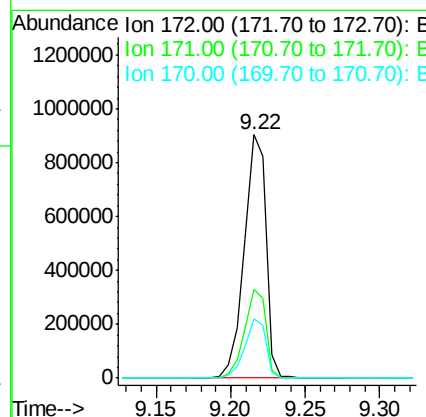
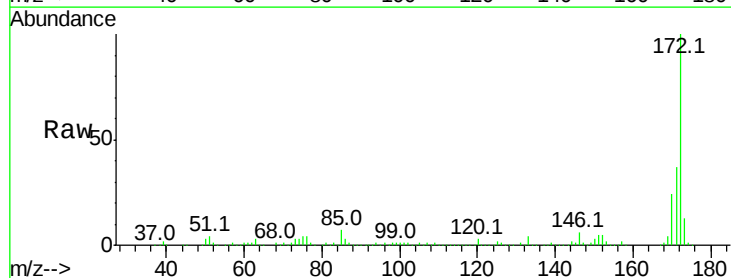
Instrument :
 BNA_F
 ClientSampleId :
 111717-SIDI-F-D-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	28.6	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 106.552 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.02 min
 Lab File: BF100863.D
 Acq: 23 Nov 2017 9:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.4	19.6	29.4

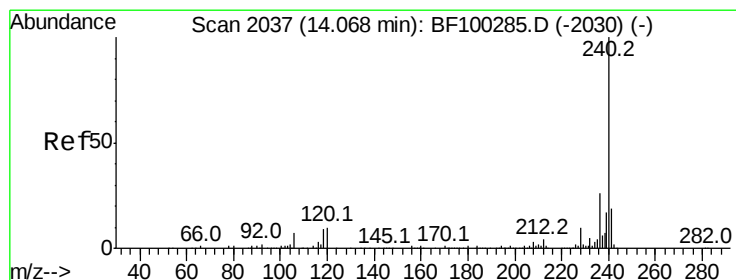
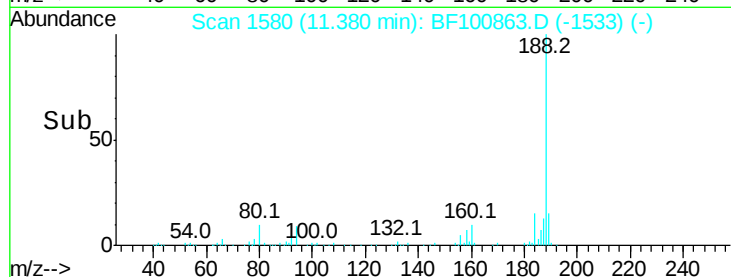
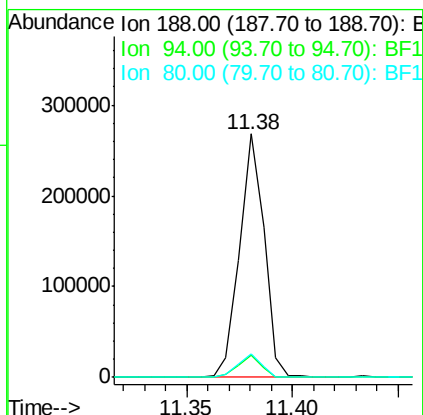
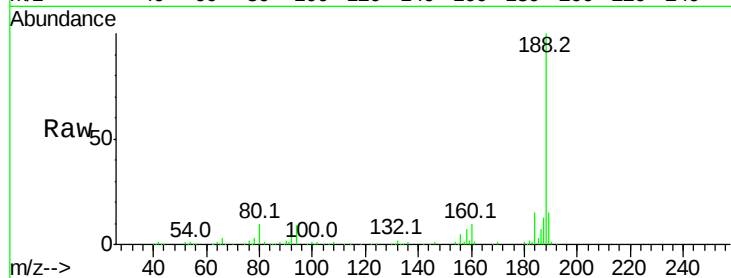




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.02 min
Lab File: BF100863.D
Acq: 23 Nov 2017 9:47

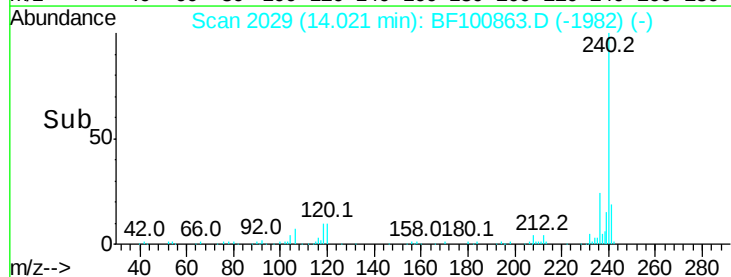
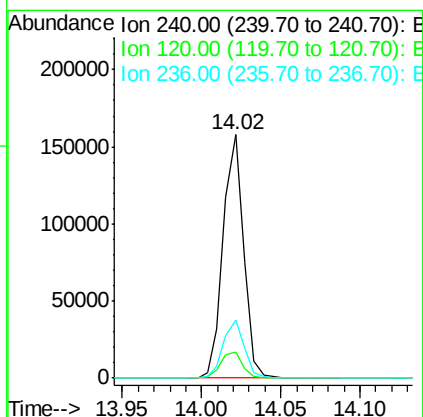
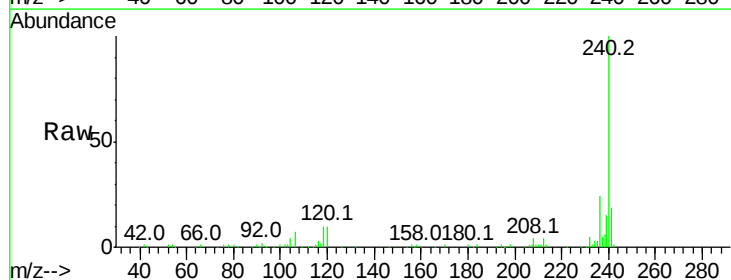
Instrument :
BNA_F
ClientSampleId :
111717-SIDI-F-D-B

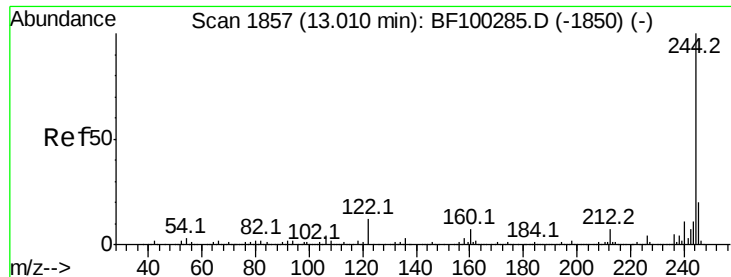
Tot Ion:188 Resp: 216120
Ion Ratio Lower Upper
188 100
94 8.9 8.5 12.7
80 9.8 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.02 min
Lab File: BF100863.D
Acq: 23 Nov 2017 9:47

Tgt Ion:240 Resp: 141790
Ion Ratio Lower Upper
240 100
120 10.4 9.5 14.3
236 23.8 20.7 31.1





#78

Terphenyl-d14

Concen: 97.743 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.02 min

Lab File: BF100863.D

Acq: 23 Nov 2017 9:47

Instrument :

BNA_F

ClientSampleId :

111717-SIDI-F-D-B

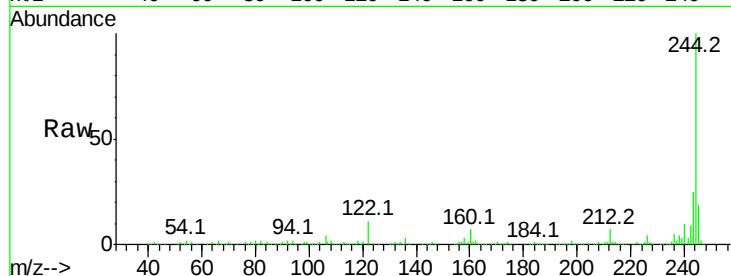
Tot Ion:244 Resp: 603168

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

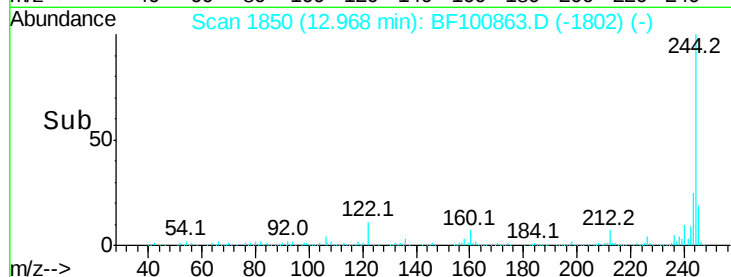
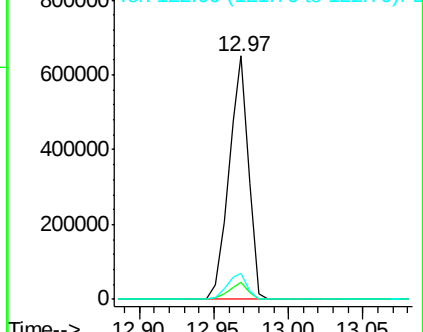
122 10.8 11.0 16.4#



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: 15.49 min Scan# 2279

Delta R.T. -0.02 min

Lab File: BF100863.D

Acq: 23 Nov 2017 9:47

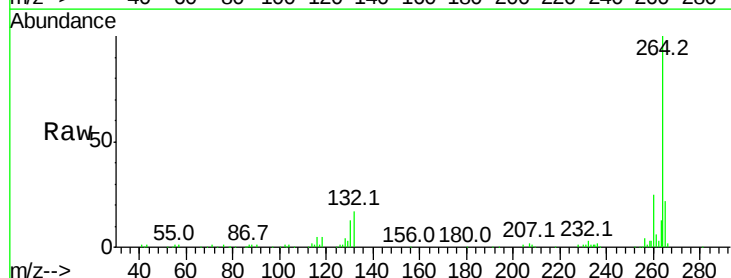
Tgt Ion:264 Resp: 157945

Ion Ratio Lower Upper

264 100

260 24.5 19.2 28.8

265 21.5 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

