

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
 Data File : BF100869.D
 Acq On : 23 Nov 2017 12:26
 Operator : SJ/JU
 Sample : I6567-01
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 112017-TIDO-F-D-B

Quant Time: Nov 24 23:56:48 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	86807	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	323874	20.00	ng	-0.03
38) Acenaphthene-d10	9.89	164	145585	20.00	ng	-0.03
63) Phenanthrene-d10	11.38	188	242003	20.00	ng	-0.02
75) Chrysene-d12	14.02	240	159709	20.00	ng	-0.02
86) Perylene-d12	15.49	264	178863	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	187508	34.63	ng	-0.02
7) Phenol-d6	6.48	99	145292	21.76	ng	-0.03
23) Nitrobenzene-d5	7.43	82	491735	100.38	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	121349	81.80	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	941453	98.47	ng	-0.02
78) Terphenyl-d14	12.97	244	623548	89.71	ng	-0.02

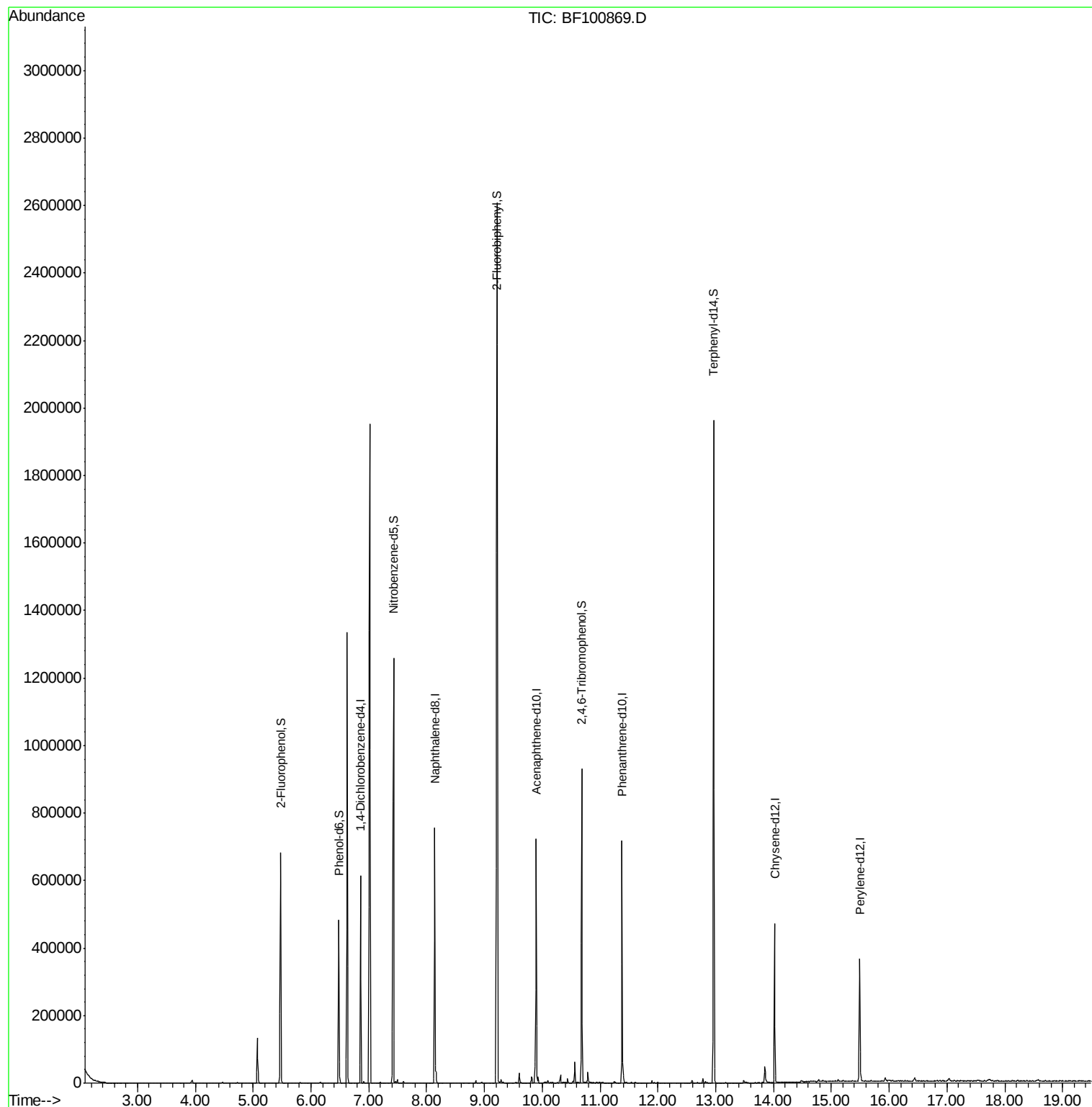
Target Compounds Qvalue

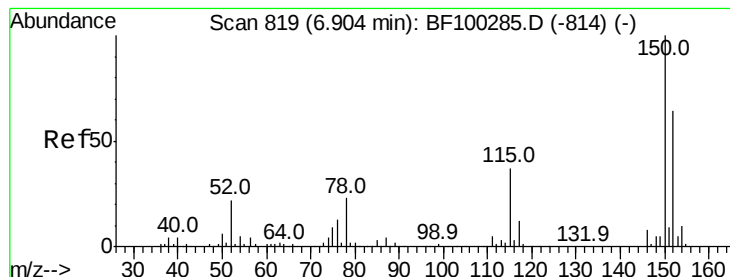
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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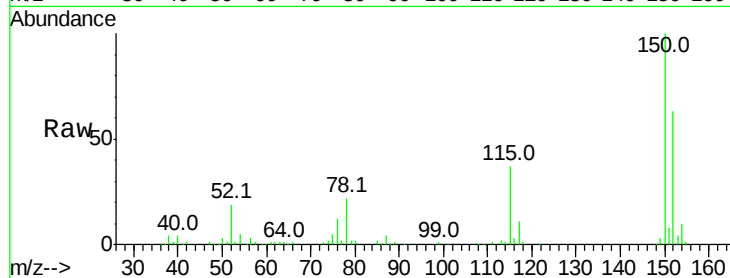


#1

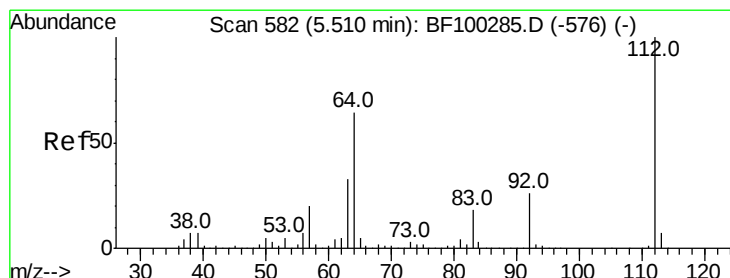
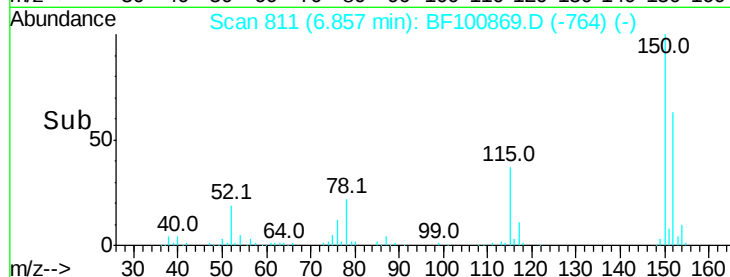
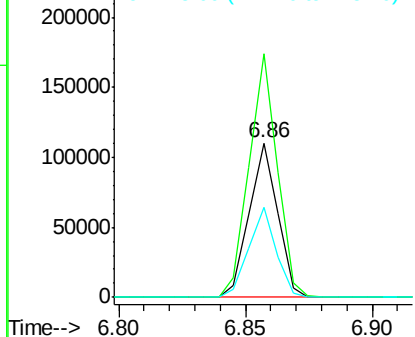
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF100869.D
Acq: 23 Nov 2017 12:26

Instrument :
BNA_F
ClientSampleId :
112017-TIDO-F-D-B

Tot Ion:152 Resp: 86807
Ion Ratio Lower Upper
152 100
150 157.5 124.6 186.8
115 58.2 50.1 75.1



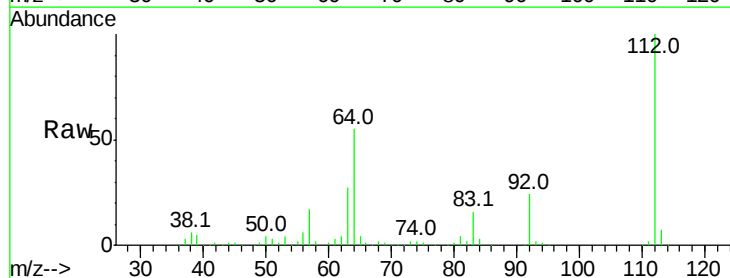
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



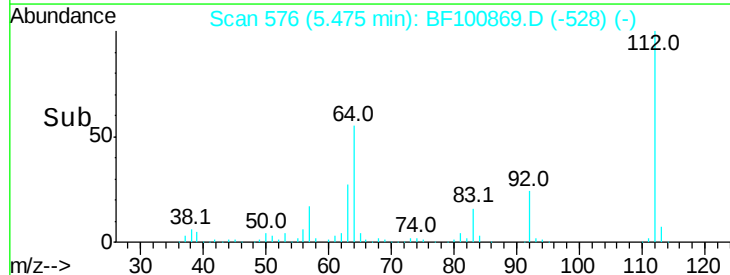
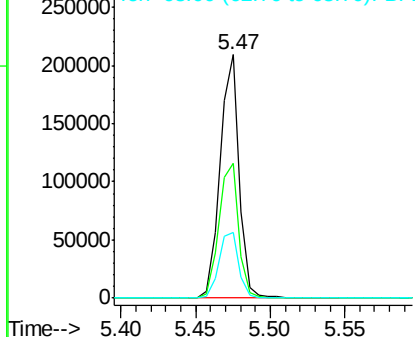
#5

2-Fluorophenol
Concen: 34.625 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.02 min
Lab File: BF100869.D
Acq: 23 Nov 2017 12:26

Tgt Ion:112 Resp: 187508
Ion Ratio Lower Upper
112 100
64 55.5 47.9 71.9
63 27.2 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: 21.757 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.03 min

Lab File: BF100869.D

Acq: 23 Nov 2017 12:26

Instrument :

BNA_F

ClientSampleId :

112017-TIDO-F-D-B

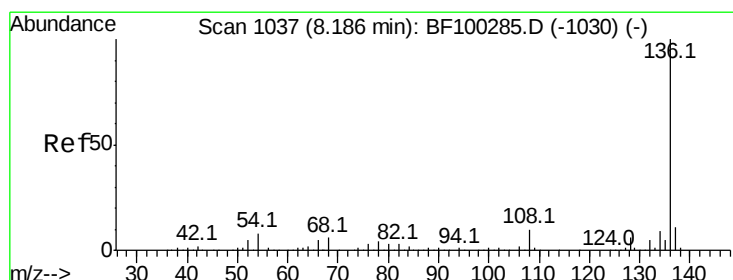
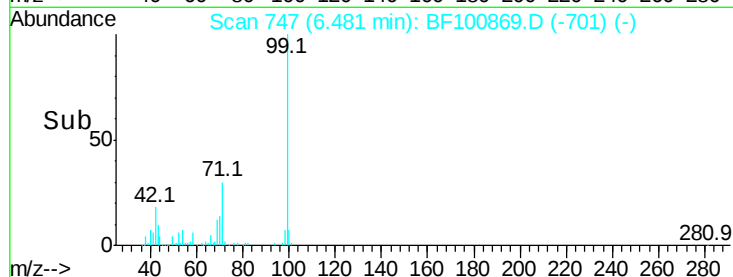
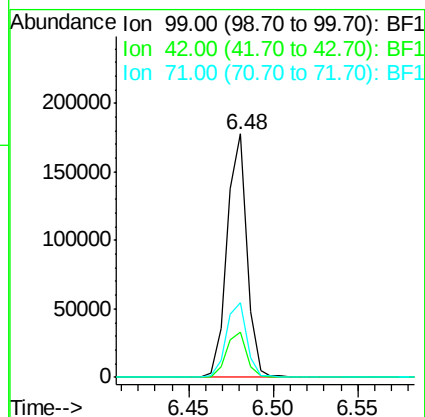
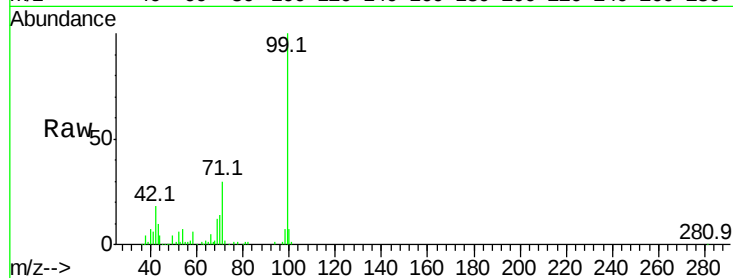
Tot Ion: 99 Resp: 145292

Ion Ratio Lower Upper

99 100

42 18.3 14.5 21.7

71 30.5 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: BF100869.D

Acq: 23 Nov 2017 12:26

Tgt Ion: 136 Resp: 323874

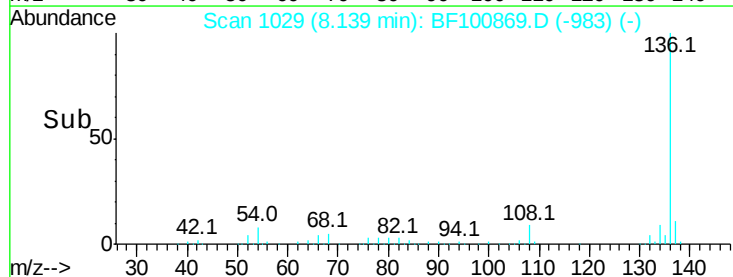
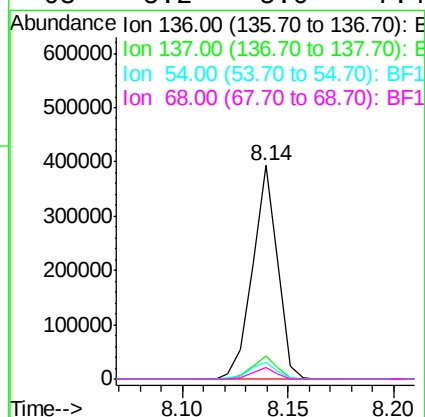
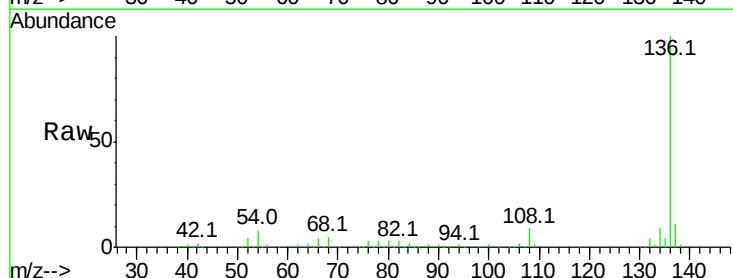
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.7 6.6 9.8

68 5.2 5.0 7.4

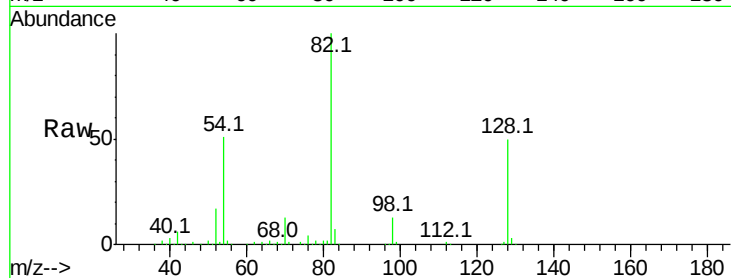




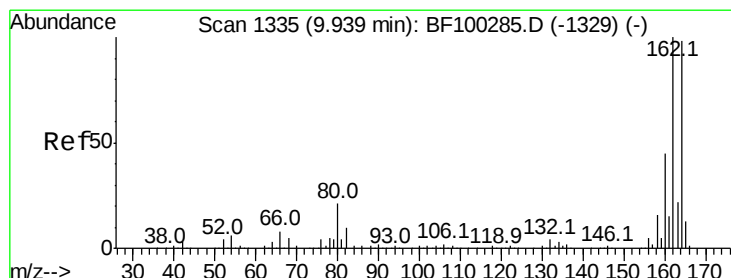
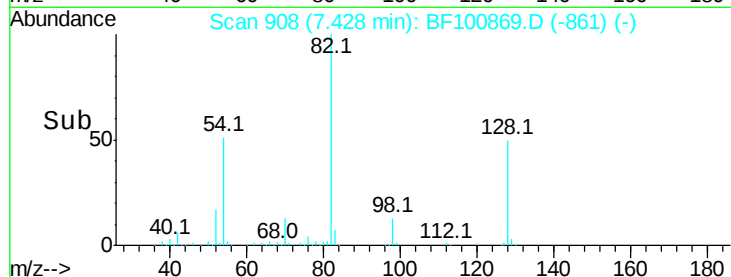
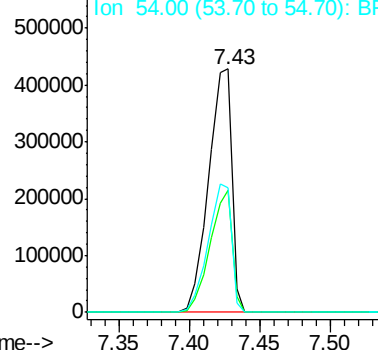
#23
Nitrobenzene-d5
Concen: 100.379 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.02 min
Lab File: BF100869.D
Acq: 23 Nov 2017 12:26

Instrument :
BNA_F
ClientSampleId :
112017-TIDO-F-D-B

Tot Ion: 82 Resp: 491735
Ion Ratio Lower Upper
82 100
128 50.2 36.1 54.1
54 51.0 41.4 62.2

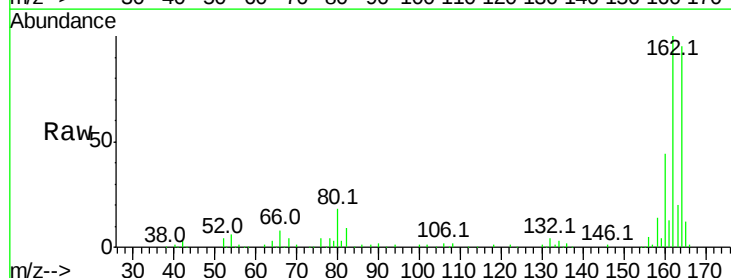


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

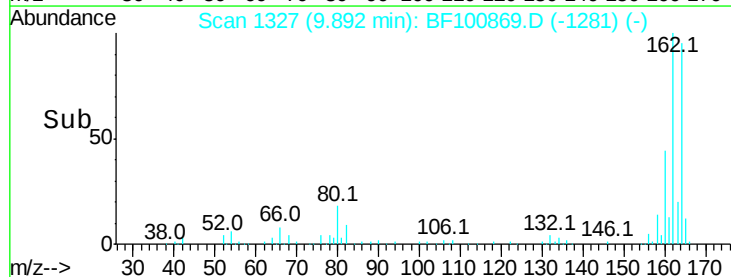
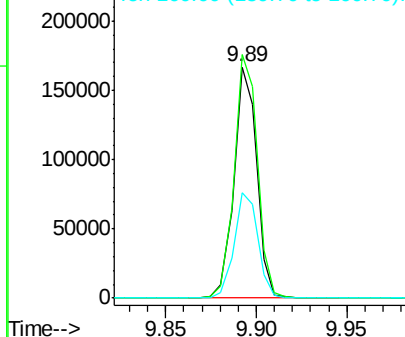


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.03 min
Lab File: BF100869.D
Acq: 23 Nov 2017 12:26

Tgt Ion: 164 Resp: 145585
Ion Ratio Lower Upper
164 100
162 105.3 86.1 129.1
160 45.8 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

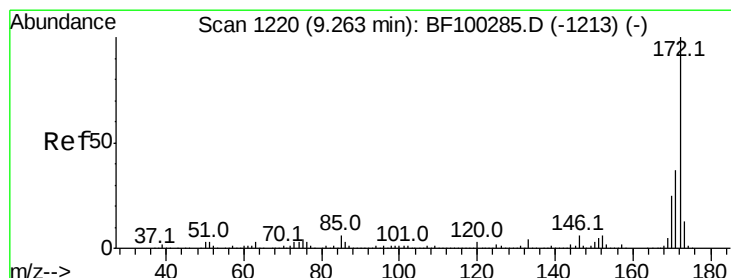
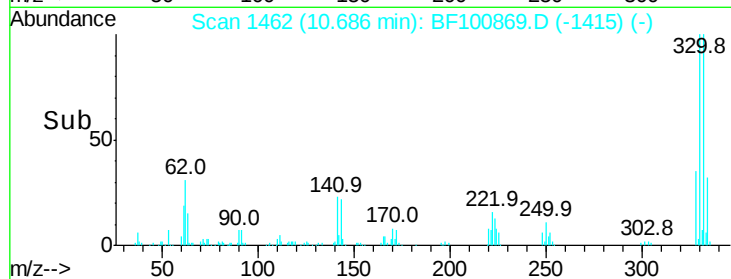
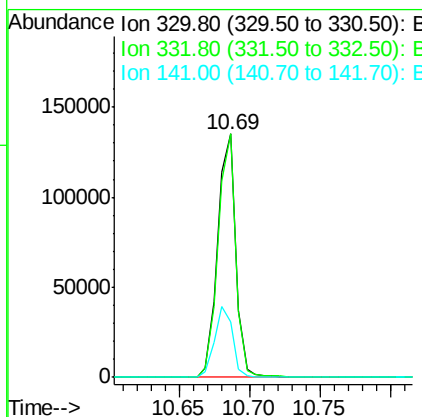
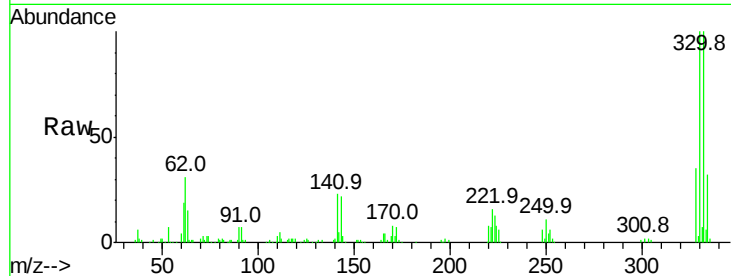




#41
 2,4,6-Tribromophenol
 Concen: 81.798 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.02 min
 Lab File: BF100869.D
 Acq: 23 Nov 2017 12:26

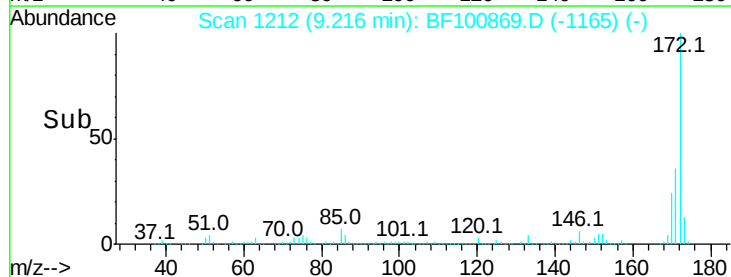
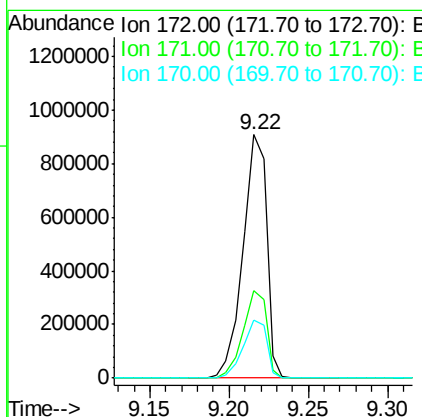
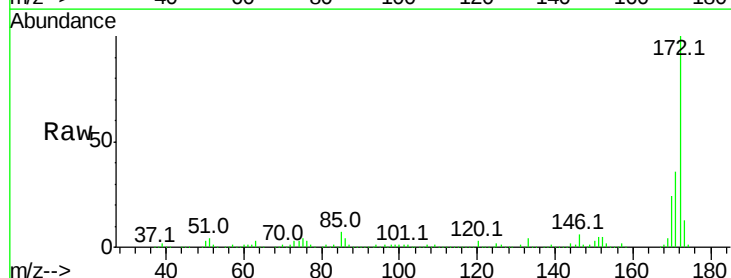
Instrument :
 BNA_F
 ClientSampleId :
 112017-TIDO-F-D-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	28.8	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 98.469 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.02 min
 Lab File: BF100869.D
 Acq: 23 Nov 2017 12:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.0	19.6	29.4

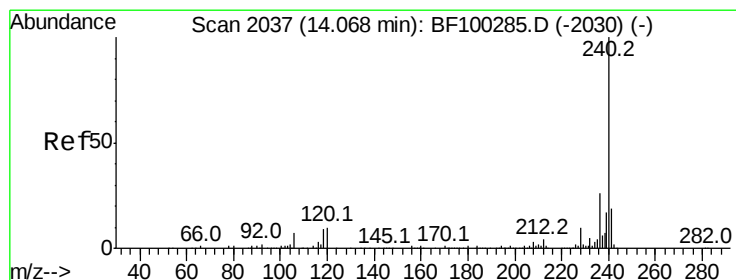
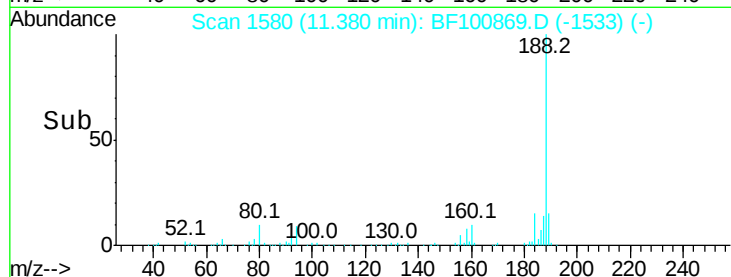
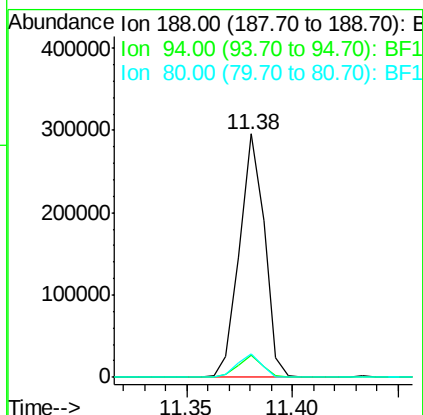
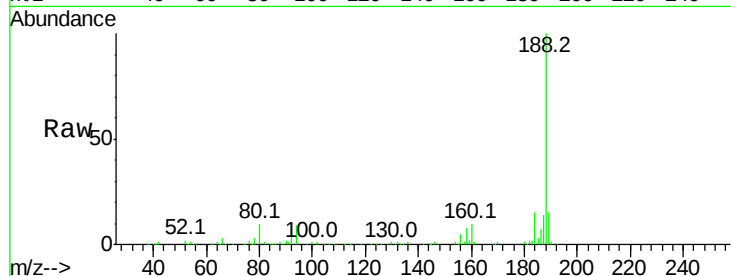




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.02 min
Lab File: BF100869.D
Acq: 23 Nov 2017 12:26

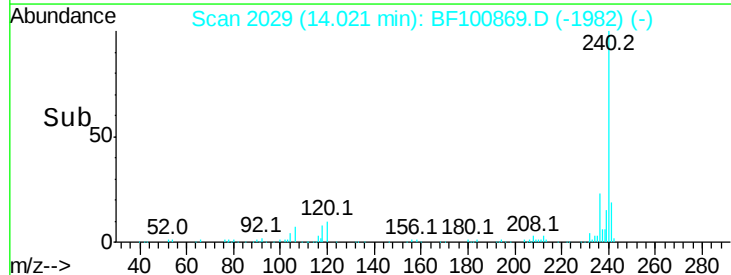
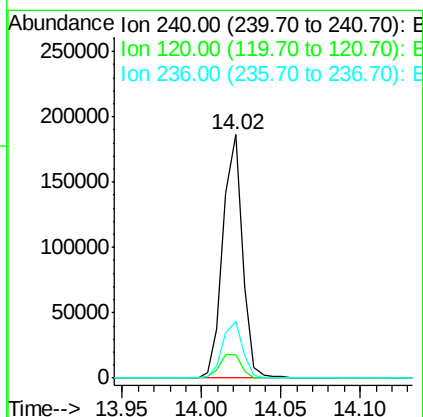
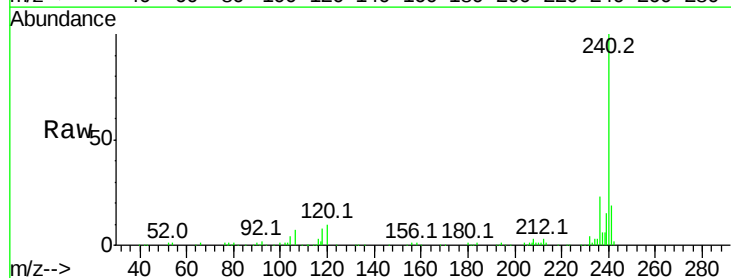
Instrument :
BNA_F
ClientSampleId :
112017-TIDO-F-D-B

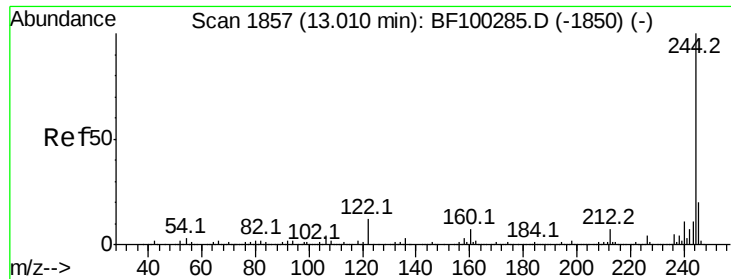
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.5	12.7
80	9.8	9.2	13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.02 min
Lab File: BF100869.D
Acq: 23 Nov 2017 12:26

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.5	9.5	14.3
236	23.4	20.7	31.1





#78

Terphenyl-d14

Concen: 89.709 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.02 min

Lab File: BF100869.D

Acq: 23 Nov 2017 12:26

Instrument :

BNA_F

ClientSampleId :

112017-TIDO-F-D-B

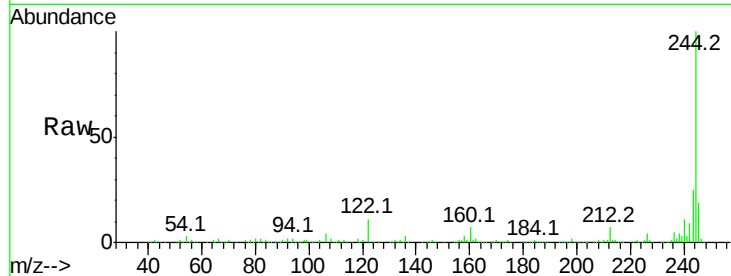
Tot Ion:244 Resp: 623548

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

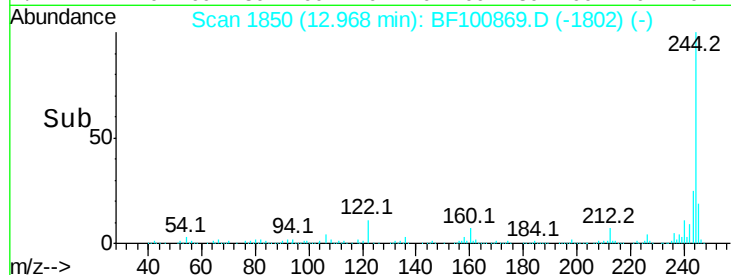
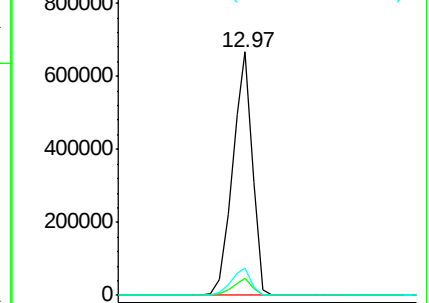
122 11.0 11.0 16.4



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: BF100869.D

Acq: 23 Nov 2017 12:26

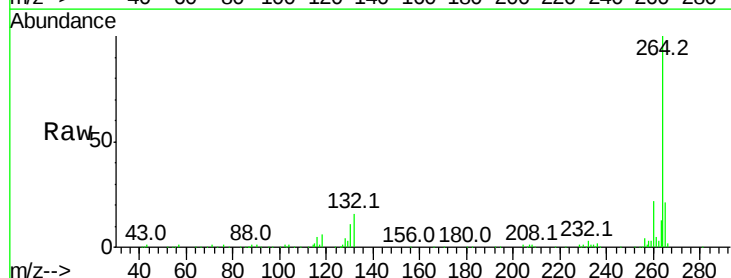
Tgt Ion:264 Resp: 178863

Ion Ratio Lower Upper

264 100

260 22.5 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

