

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032318\
 Data File : BF103902.D
 Acq On : 24 Mar 2018 1:48
 Operator : JU/SJ
 Sample : J2012-04
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 031918-TIDO-F-U-S

Quant Time: Mar 24 03:27:47 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	130599	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	494695	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	201555	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	317171	20.00	ng	0.00
75) Chrysene-d12	14.16	240	266298	20.00	ng	0.00
86) Perylene-d12	15.72	264	194648	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	343503	40.01	ng	0.00
7) Phenol-d6	6.59	99	277315	26.40	ng	-0.01
23) Nitrobenzene-d5	7.54	82	731356	103.10	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	159945	92.29	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1261591	99.85	ng	0.00
78) Terphenyl-d14	13.10	244	989022	86.21	ng	0.00

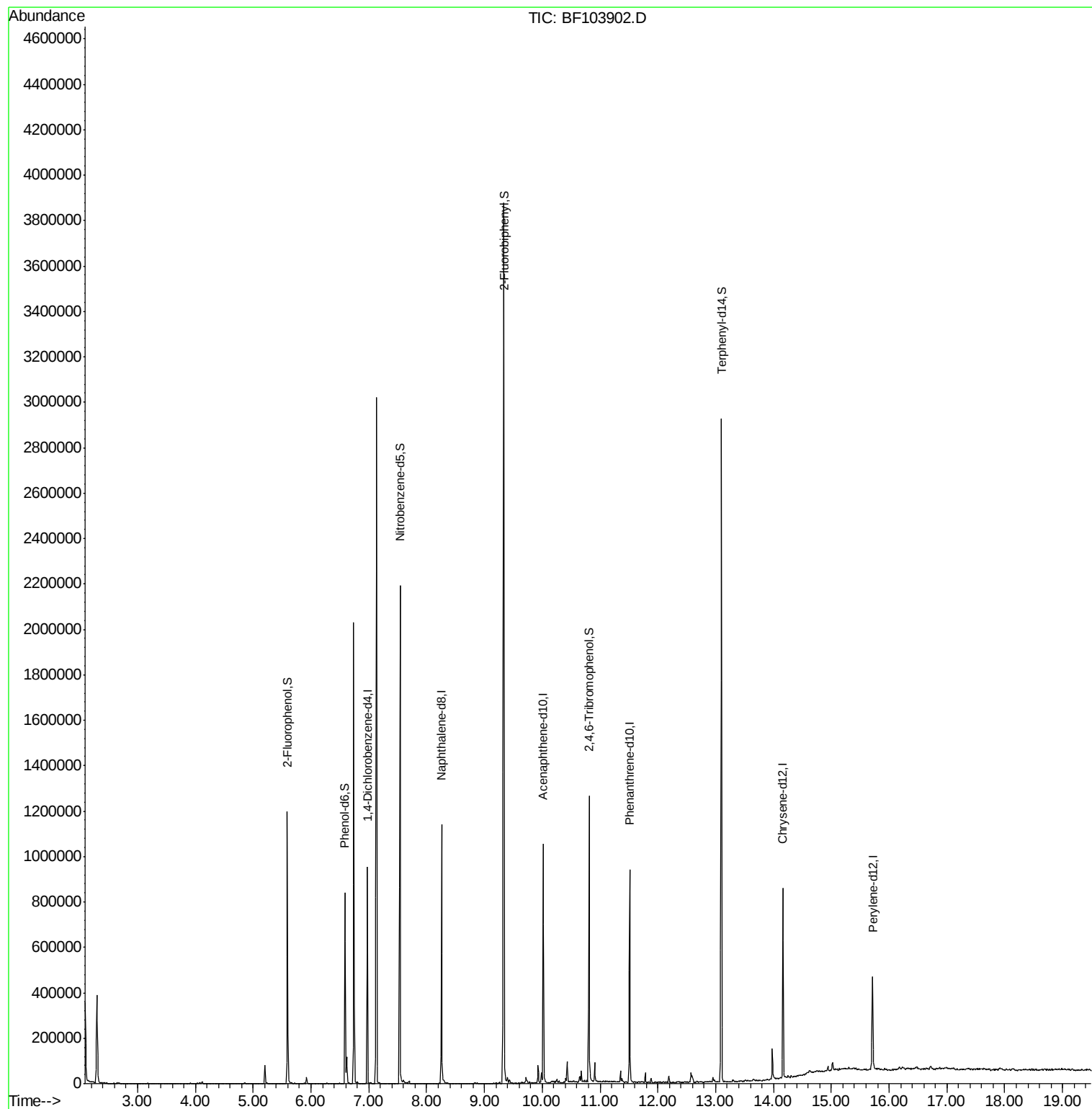
Target Compounds Qvalue

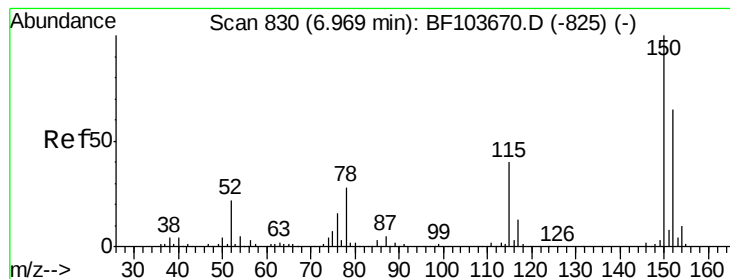
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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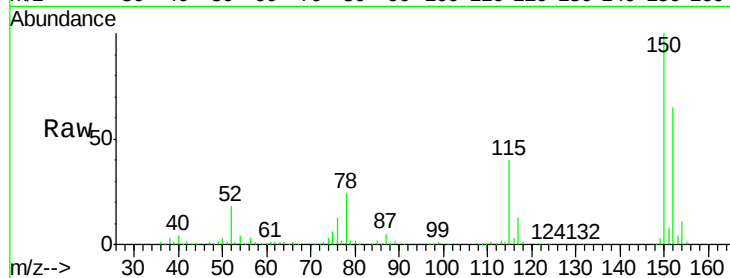


#1

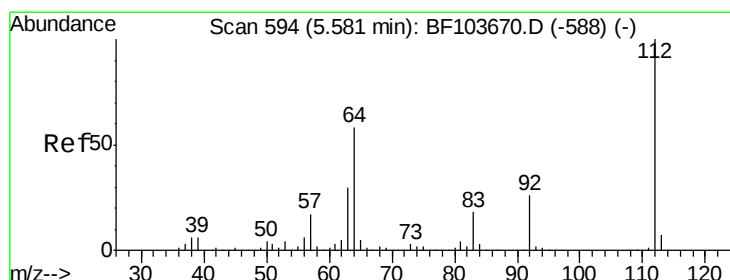
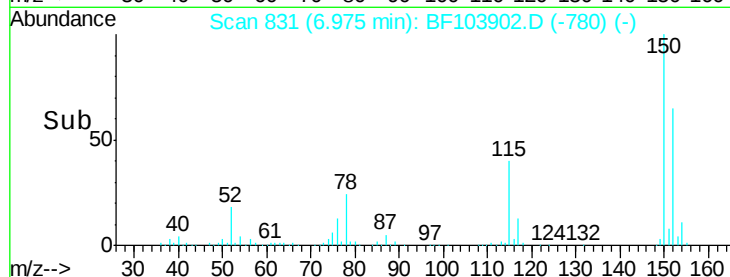
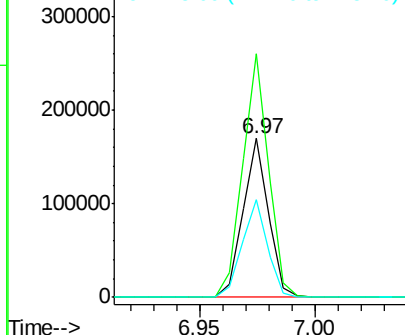
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF103902.D
Acq: 24 Mar 2018 1:48

Instrument :
BNA_F
ClientSampleId :
031918-TIDO-F-U-S

Tot Ion:152 Resp: 130599
Ion Ratio Lower Upper
152 100
150 153.1 124.6 186.8
115 61.7 50.1 75.1



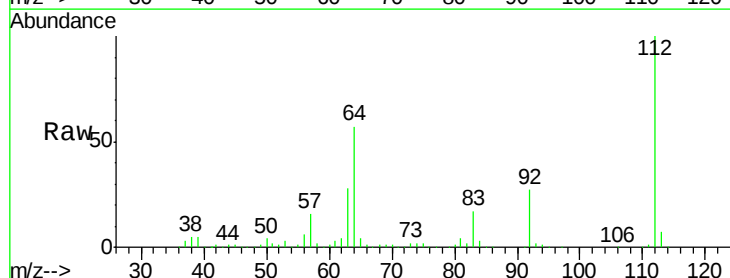
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



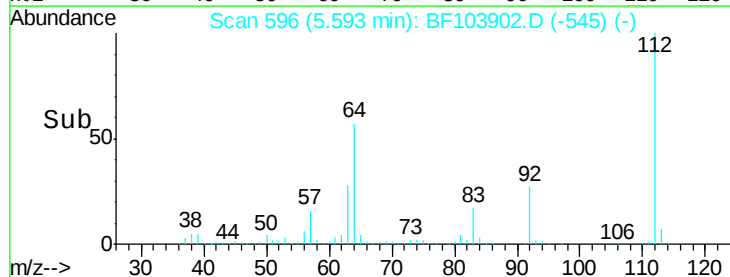
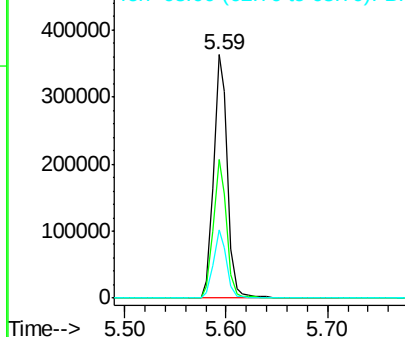
#5

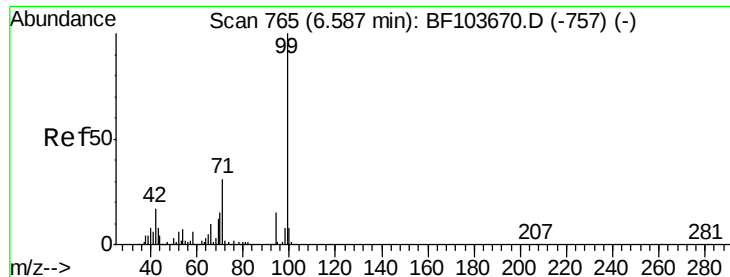
2-Fluorophenol
Concen: 40.005 ng
RT: 5.59 min Scan# 596
Delta R.T. -0.00 min
Lab File: BF103902.D
Acq: 24 Mar 2018 1:48

Tgt Ion:112 Resp: 343503
Ion Ratio Lower Upper
112 100
64 56.8 47.9 71.9
63 28.0 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: 26.399 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF103902.D

Acq: 24 Mar 2018 1:48

Instrument :

BNA_F

ClientSampleId :

031918-TIDO-F-U-S

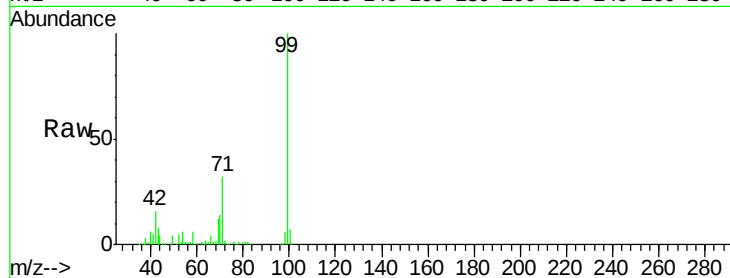
Tot Ion: 99 Resp: 277315

Ion Ratio Lower Upper

99 100

42 15.8 14.5 21.7

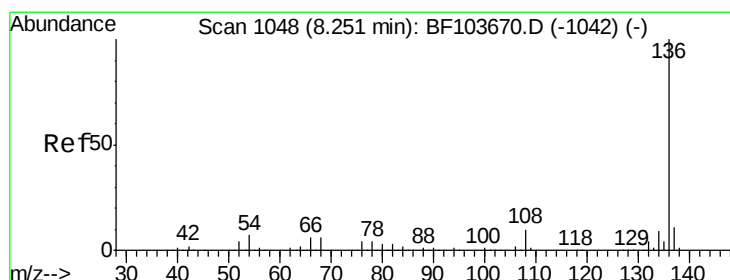
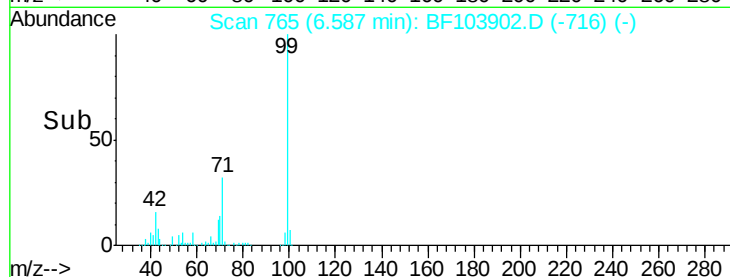
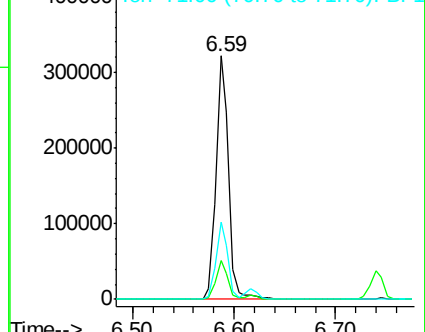
71 31.5 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1049

Delta R.T. -0.00 min

Lab File: BF103902.D

Acq: 24 Mar 2018 1:48

Tgt Ion: 136 Resp: 494695

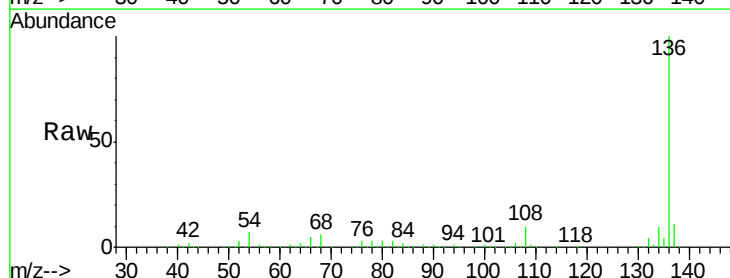
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.7 6.6 9.8

68 6.4 5.0 7.4

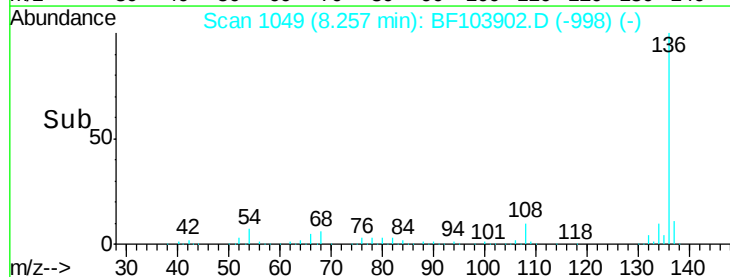
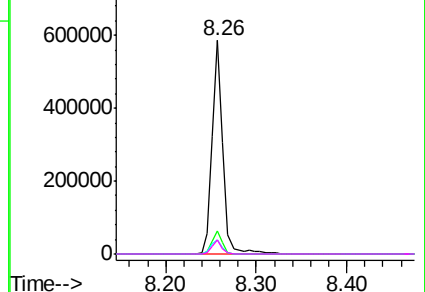


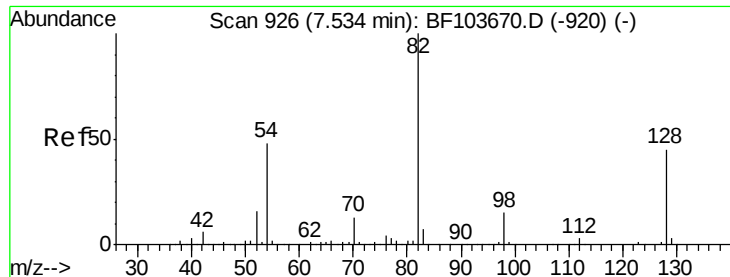
Abundance Ion 136.00 (135.70 to 136.70): E

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

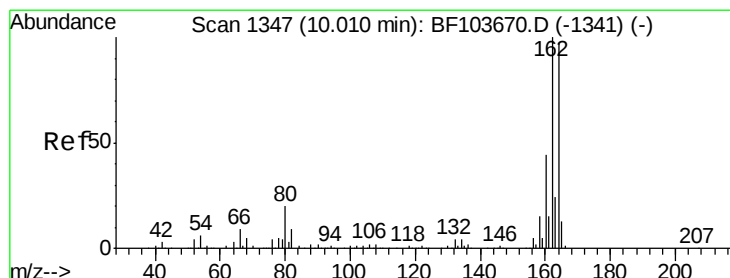
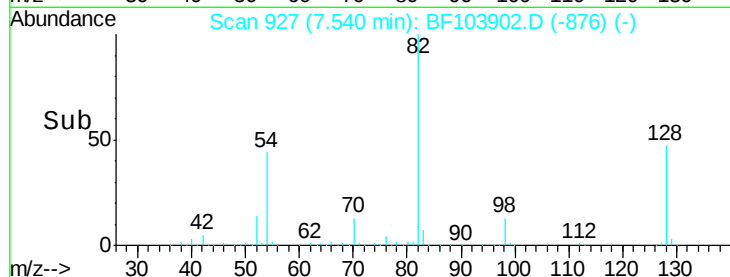
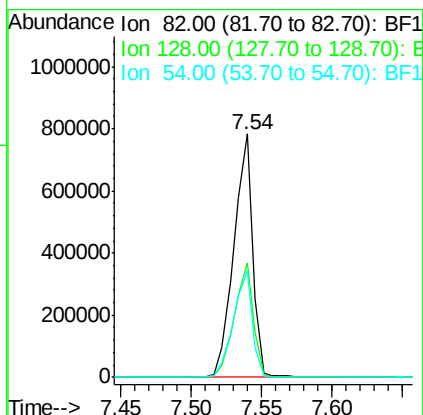
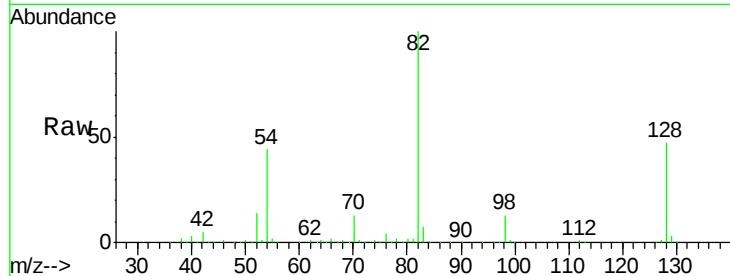




#23
 Nitrobenzene-d5
 Concen: 103.097 ng
 RT: 7.54 min Scan# 927
 Delta R.T. -0.00 min
 Lab File: BF103902.D
 Acq: 24 Mar 2018 1:48

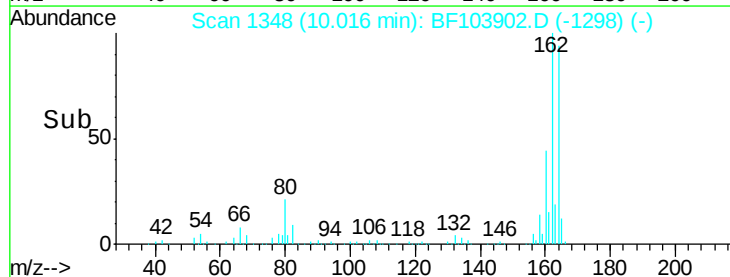
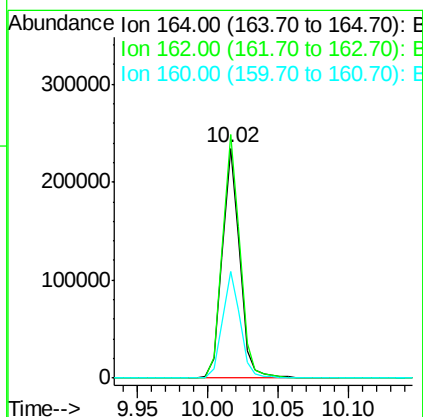
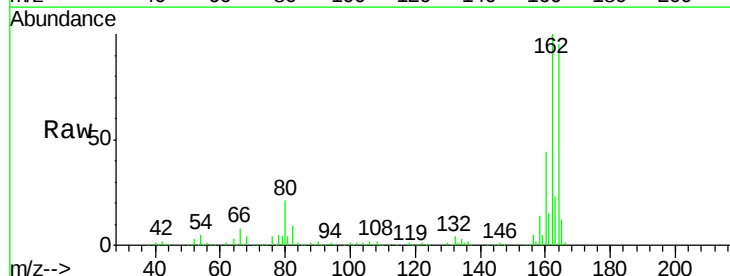
Instrument :
 BNA_F
 ClientSampleId :
 031918-TIDO-F-U-S

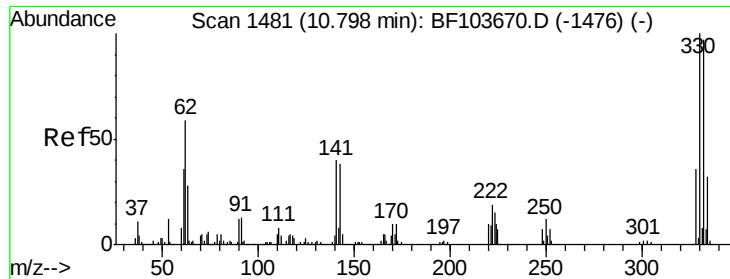
Tot Ion: 82 Resp: 731356
 Ion Ratio Lower Upper
 82 100
 128 47.0 36.1 54.1
 54 44.1 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.01 min
 Lab File: BF103902.D
 Acq: 24 Mar 2018 1:48

Tgt Ion:164 Resp: 201555
 Ion Ratio Lower Upper
 164 100
 162 105.8 86.1 129.1
 160 46.2 38.3 57.5

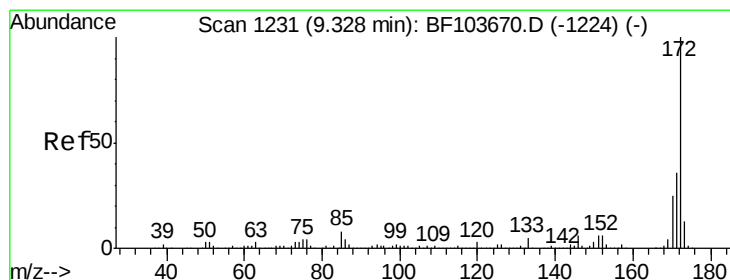
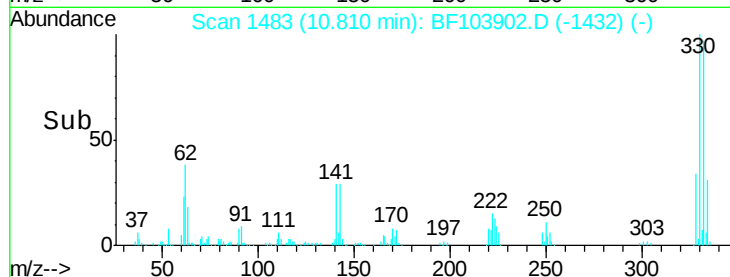
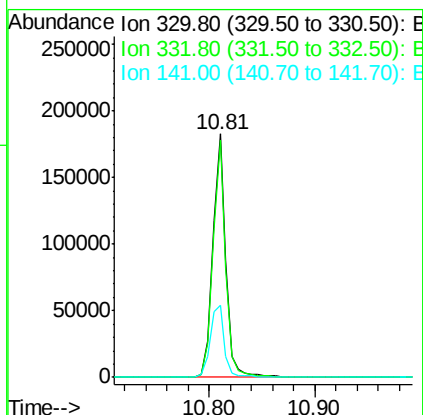
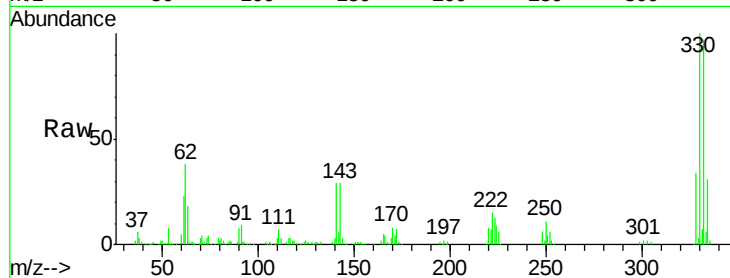




#41
 2,4,6-Tribromophenol
 Concen: 92.295 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. 0.00 min
 Lab File: BF103902.D
 Acq: 24 Mar 2018 1:48

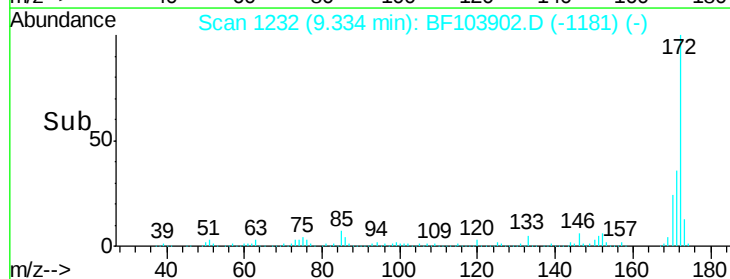
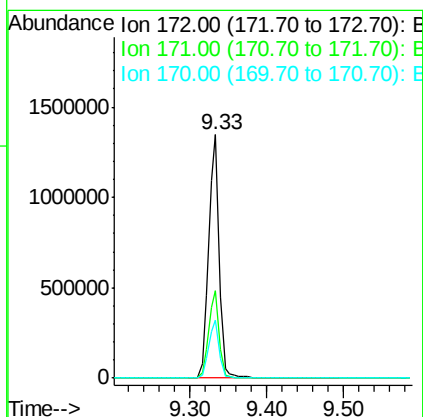
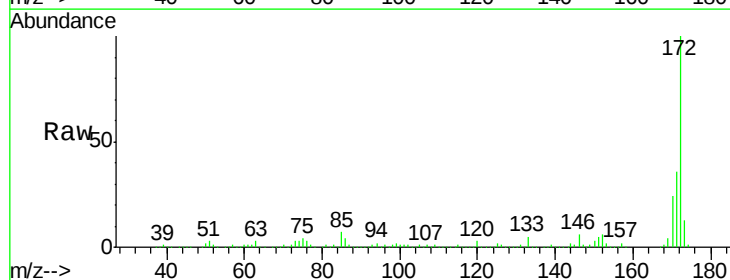
Instrument :
 BNA_F
 ClientSampleId :
 031918-TIDO-F-U-S

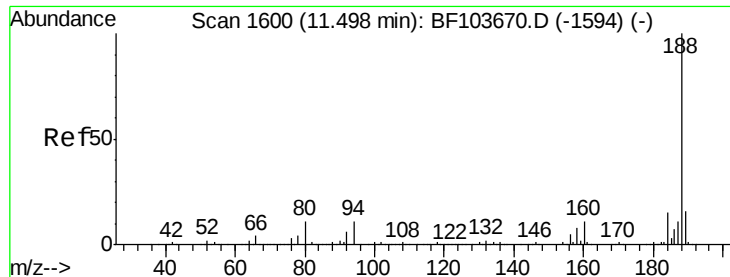
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	32.4	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 99.845 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BF103902.D
 Acq: 24 Mar 2018 1:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.0	19.6	29.4

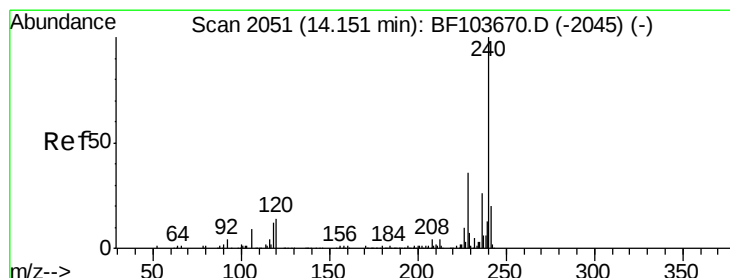
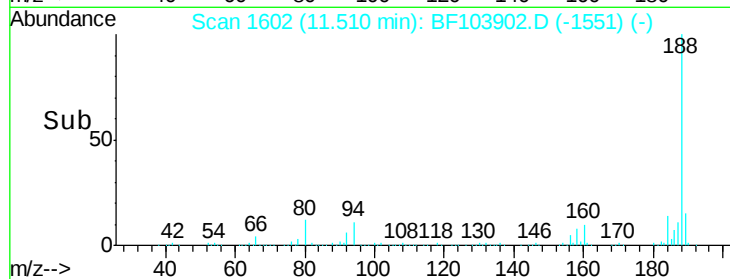
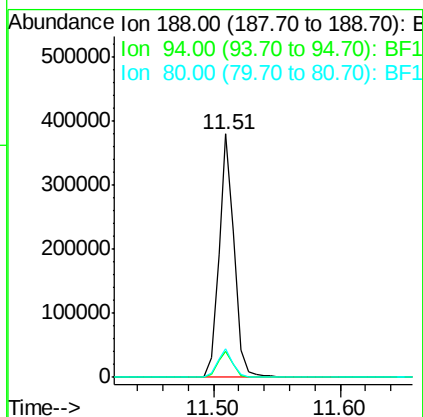
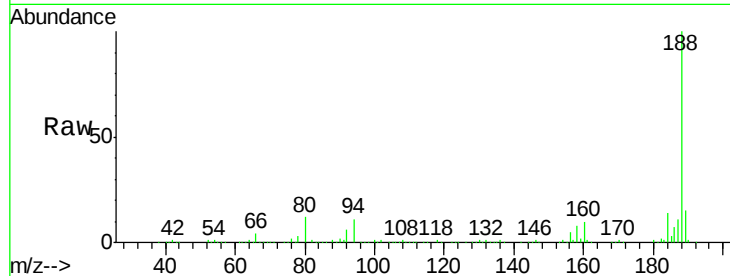




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. 0.00 min
Lab File: BF103902.D
Acq: 24 Mar 2018 1:48

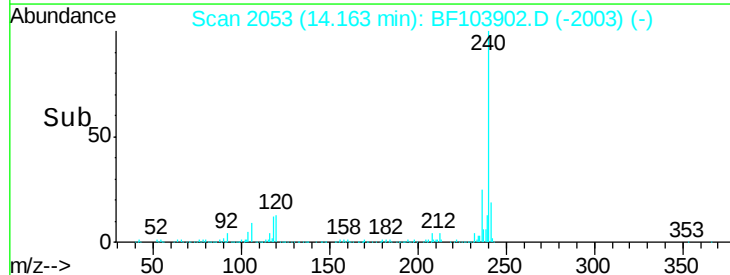
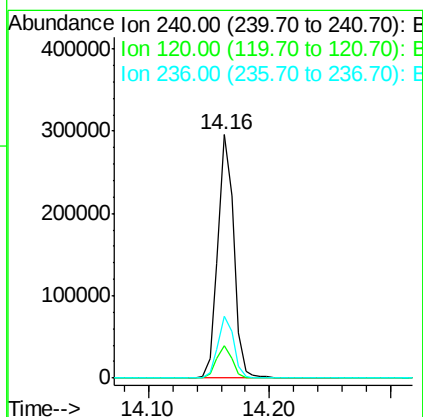
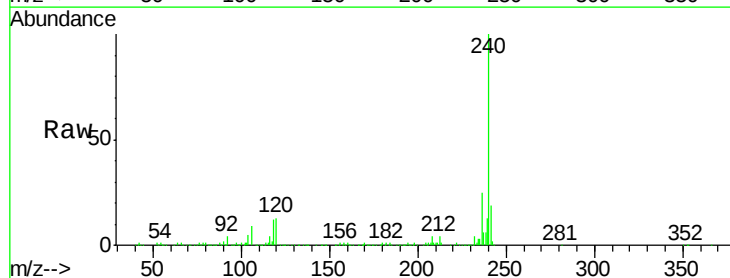
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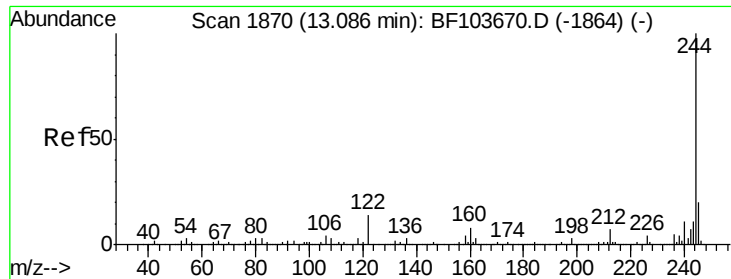
Tot Ion:188 Resp: 317171
Ion Ratio Lower Upper
188 100
94 10.8 8.5 12.7
80 11.7 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BF103902.D
Acq: 24 Mar 2018 1:48

Tgt Ion:240 Resp: 266298
Ion Ratio Lower Upper
240 100
120 13.2 9.5 14.3
236 25.2 20.7 31.1





#78

Terphenyl-d14

Concen: 86.207 ng

RT: 13.10 min Scan# 1872

Delta R.T. 0.00 min

Lab File: BF103902.D

Acq: 24 Mar 2018 1:48

Instrument :

BNA_F

ClientSampleId :

031918-TIDO-F-U-S

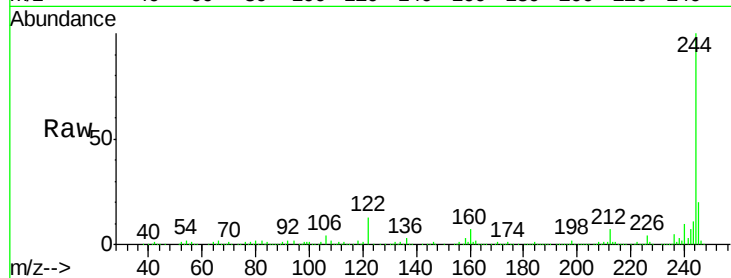
Tot Ion:244 Resp: 989022

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

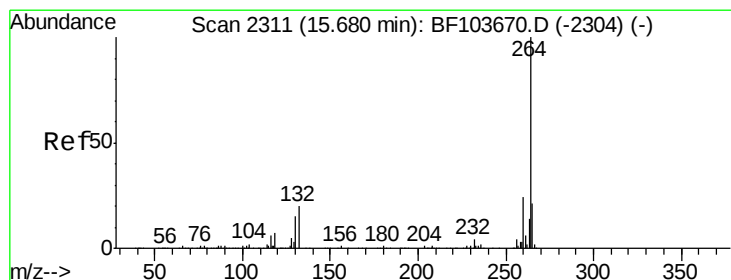
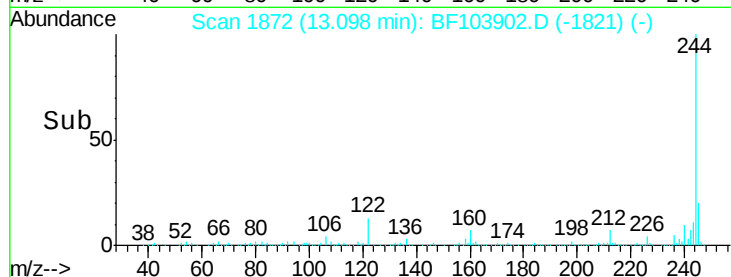
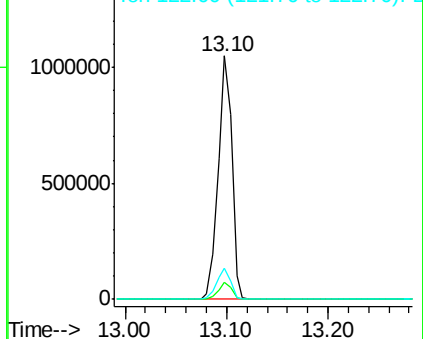
122 13.0 11.0 16.4



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: 15.72 min Scan# 2317

Delta R.T. 0.01 min

Lab File: BF103902.D

Acq: 24 Mar 2018 1:48

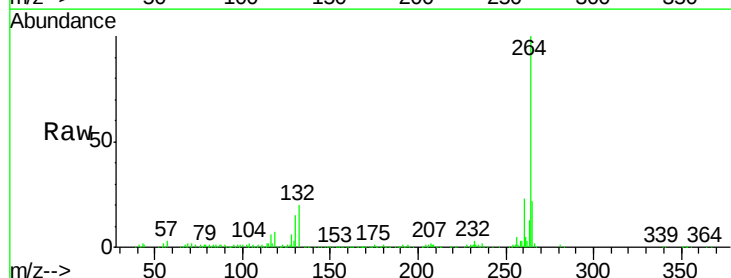
Tgt Ion:264 Resp: 194648

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 21.7 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

