

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032318\
 Data File : BF103906.D
 Acq On : 24 Mar 2018 3:33
 Operator : JU/SJ
 Sample : J2014-04
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 032018-TIDO-F-U-S

Quant Time: Mar 24 05:20:36 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	130287	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	505617	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	211502	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	331403	20.00	ng	0.00
75) Chrysene-d12	14.16	240	254680	20.00	ng	0.00
86) Perylene-d12	15.71	264	194378	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	347772	40.60	ng	0.00
7) Phenol-d6	6.59	99	285865	27.28	ng	-0.01
23) Nitrobenzene-d5	7.54	82	749839	103.42	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	178706	98.27	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1313917	99.10	ng	0.00
78) Terphenyl-d14	13.10	244	1024945	93.41	ng	0.00

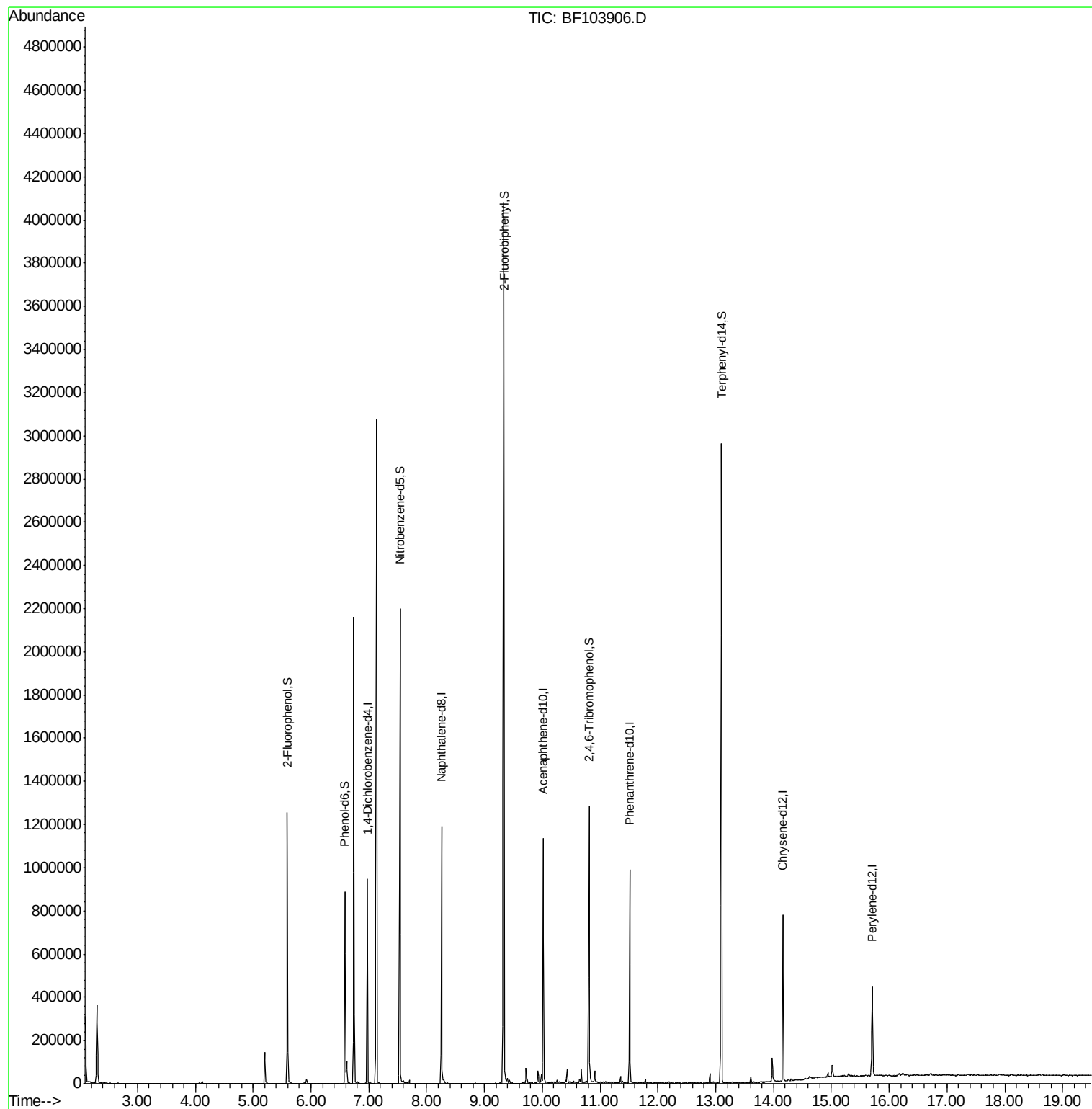
Target Compounds Qvalue

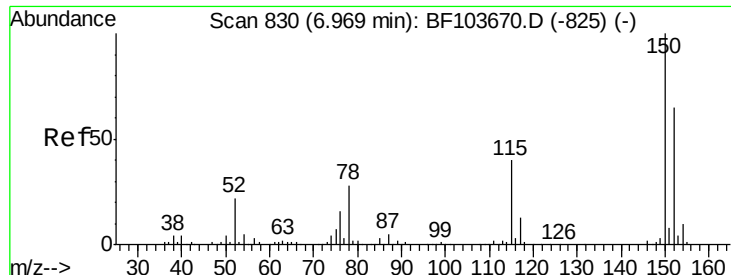
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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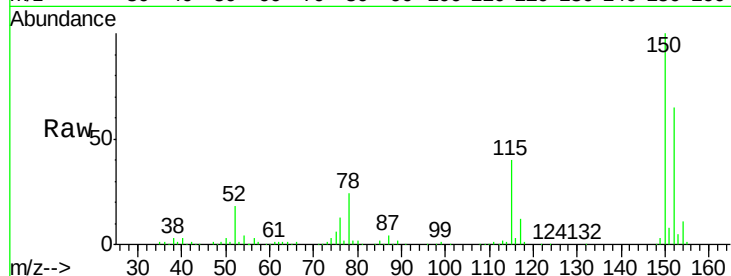


#1

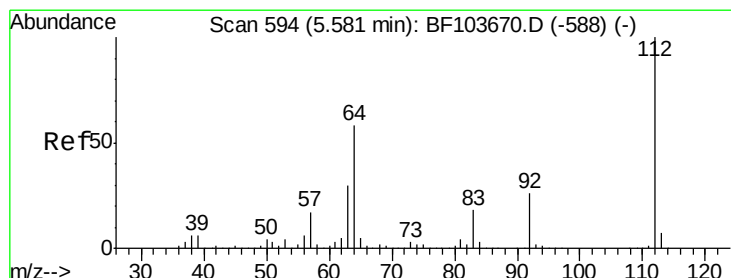
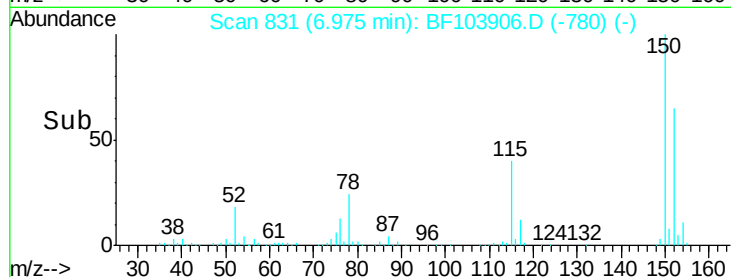
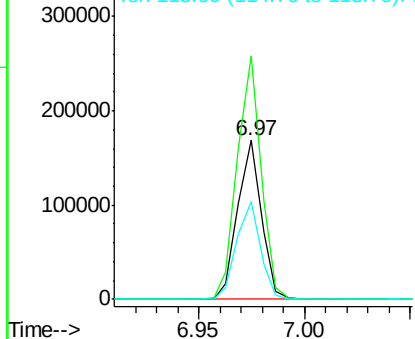
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF103906.D
Acq: 24 Mar 2018 3:33

Instrument :
BNA_F
ClientSampleId :
032018-TIDO-F-U-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.6	124.6	186.8
115	61.9	50.1	75.1



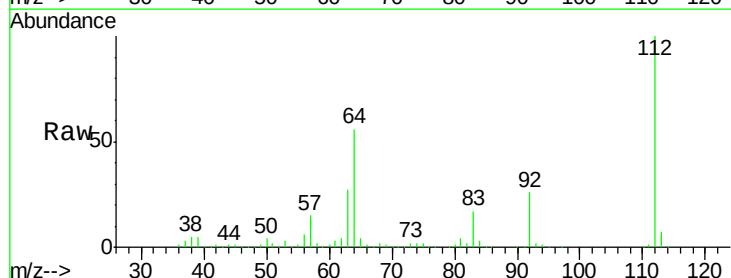
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



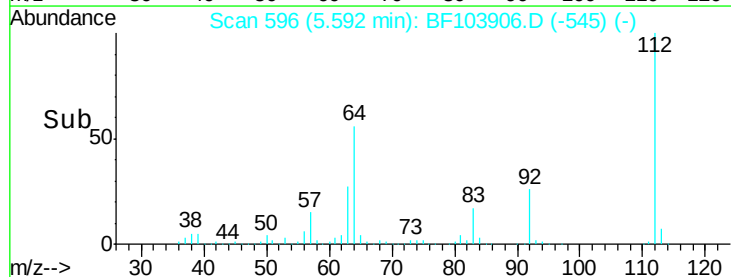
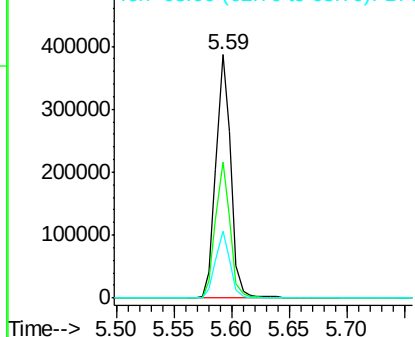
#5

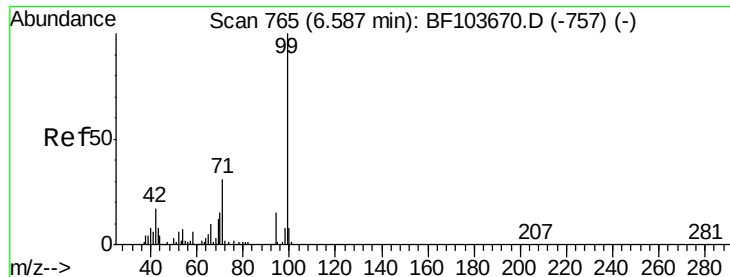
2-Fluorophenol
Concen: 40.600 ng
RT: 5.59 min Scan# 596
Delta R.T. -0.00 min
Lab File: BF103906.D
Acq: 24 Mar 2018 3:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.0	47.9	71.9
63	27.4	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: 27.278 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF103906.D

Acq: 24 Mar 2018 3:33

Instrument :

BNA_F

ClientSampleId :

032018-TIDO-F-U-S

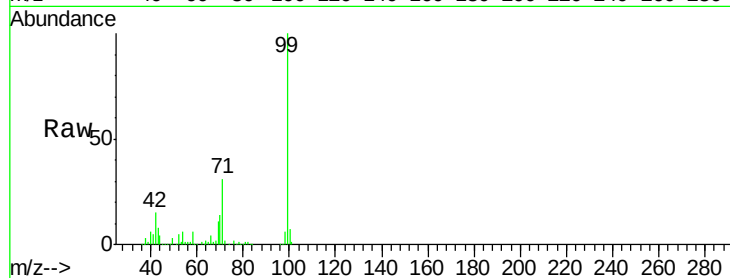
Tot Ion: 99 Resp: 285865

Ion Ratio Lower Upper

99 100

42 15.0 14.5 21.7

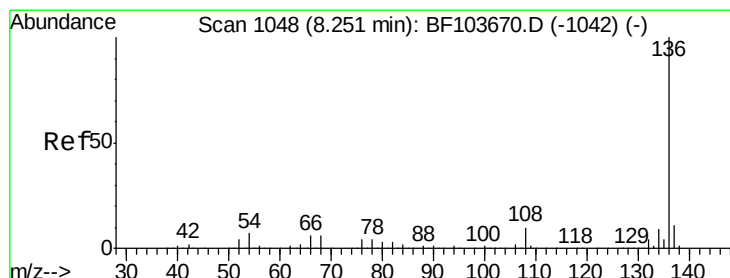
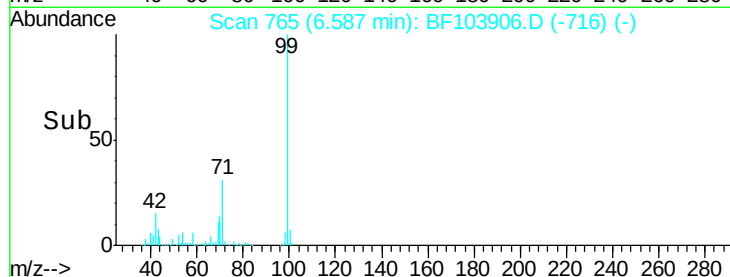
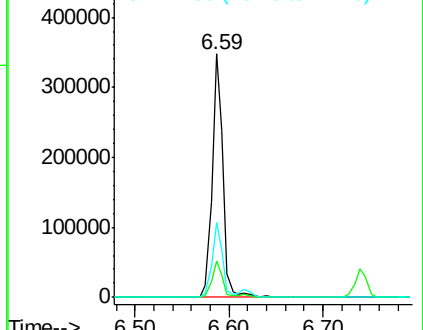
71 30.8 25.4 38.0



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: BF103906.D

Acq: 24 Mar 2018 3:33

Tgt Ion: 136 Resp: 505617

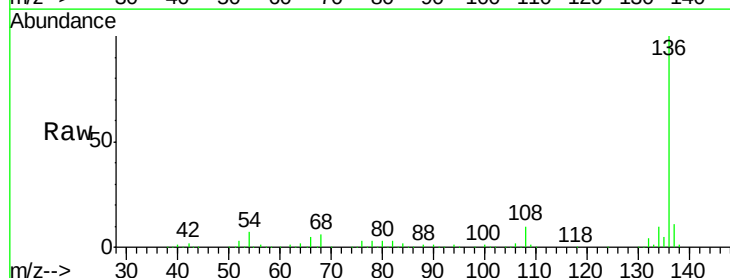
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 6.6 6.6 9.8

68 6.0 5.0 7.4

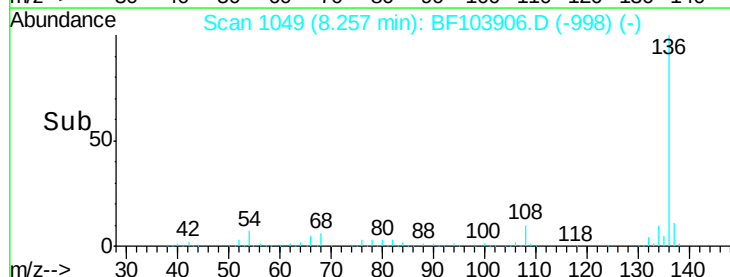
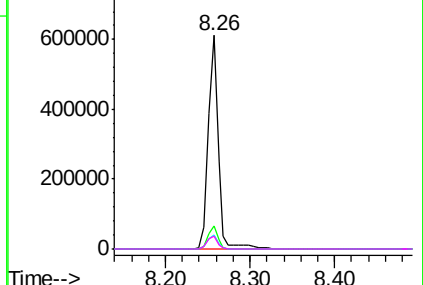


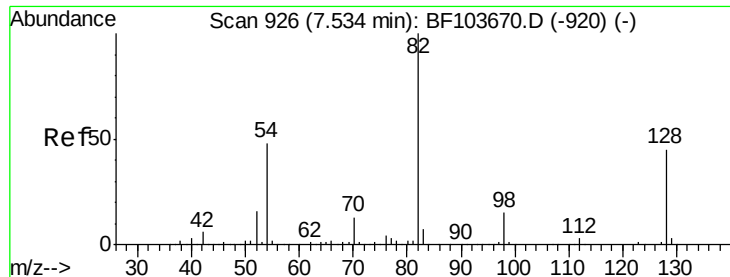
Abundance Ion 136.00 (135.70 to 136.70): E

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

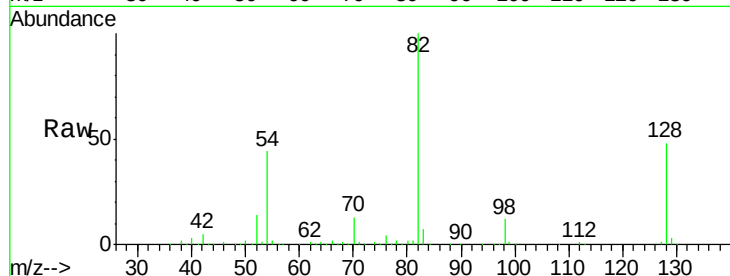




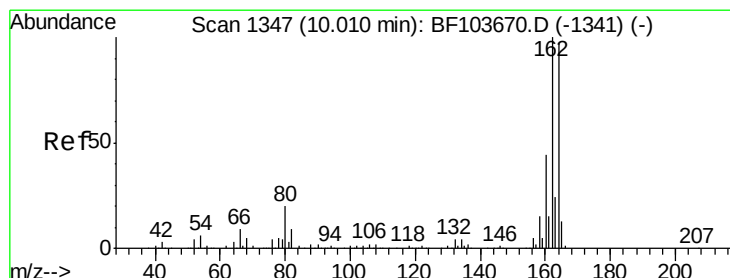
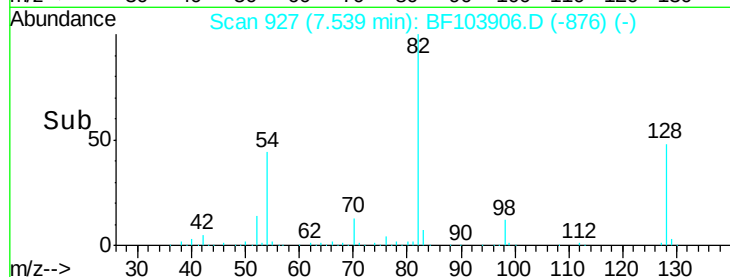
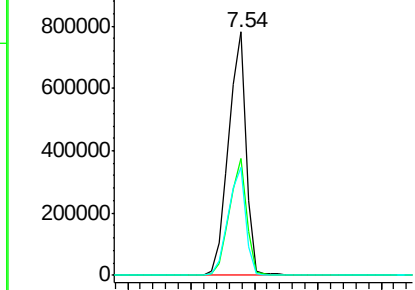
#23
Nitrobenzene-d5
Concen: 103.420 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.00 min
Lab File: BF103906.D
Acq: 24 Mar 2018 3:33

Instrument :
BNA_F
ClientSampleId :
032018-TIDO-F-U-S

Tot Ion: 82 Resp: 749839
Ion Ratio Lower Upper
82 100
128 47.9 36.1 54.1
54 44.2 41.4 62.2

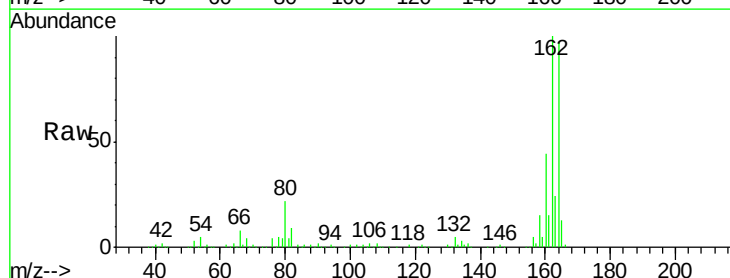


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

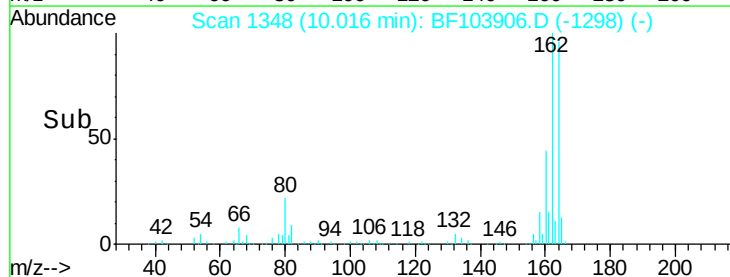
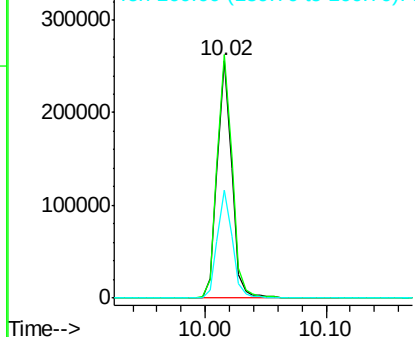


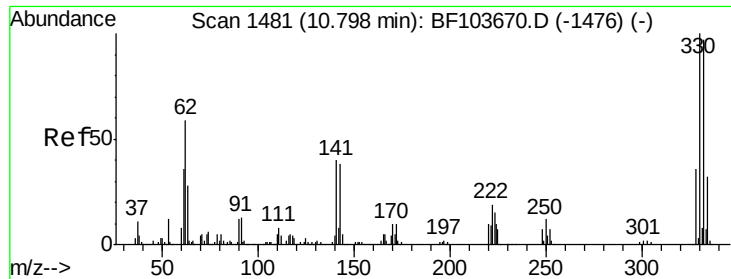
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF103906.D
Acq: 24 Mar 2018 3:33

Tgt Ion:164 Resp: 211502
Ion Ratio Lower Upper
164 100
162 102.6 86.1 129.1
160 45.6 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

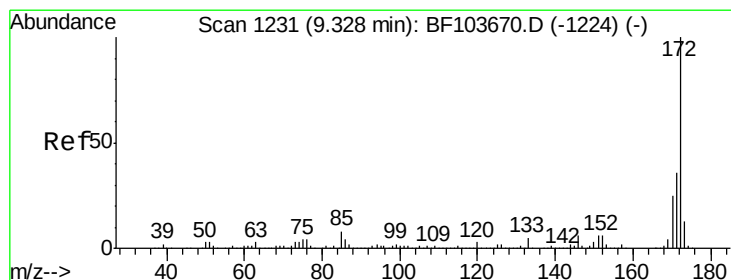
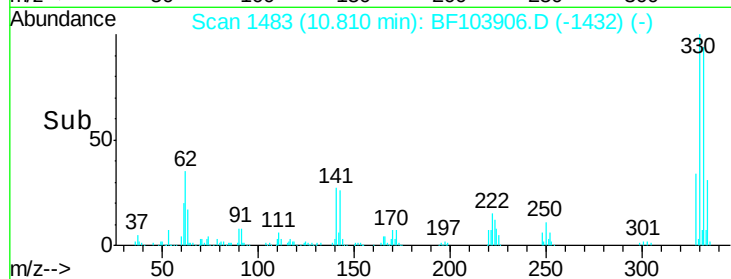
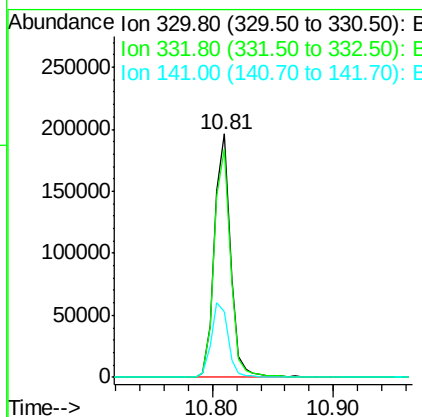
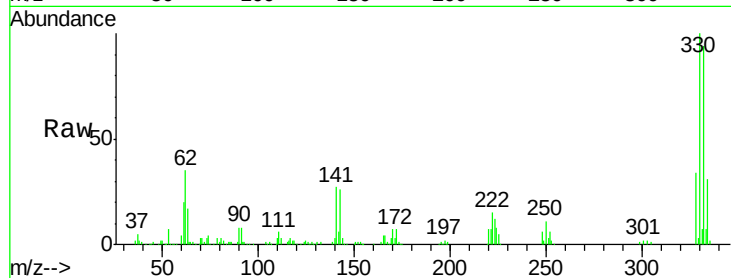




#41
 2,4,6-Tribromophenol
 Concen: 98.271 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. -0.00 min
 Lab File: BF103906.D
 Acq: 24 Mar 2018 3:33

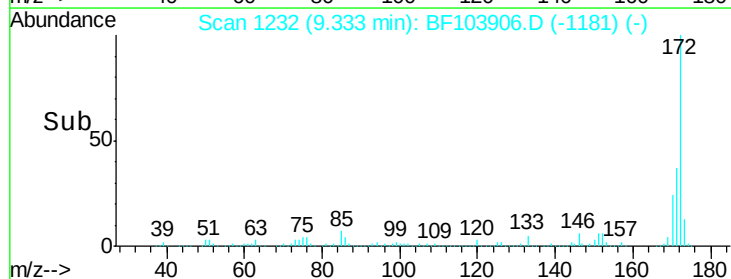
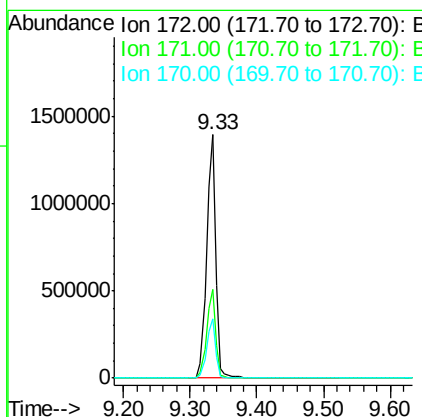
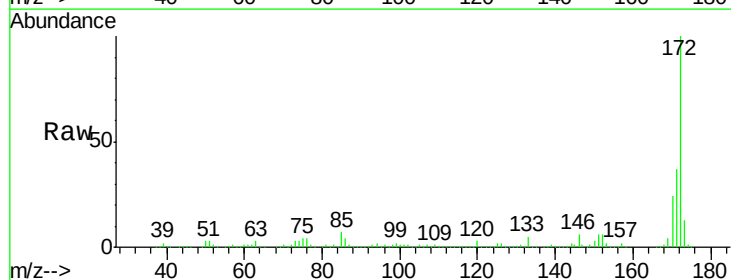
Instrument :
 BNA_F
 ClientSampleId :
 032018-TIDO-F-U-S

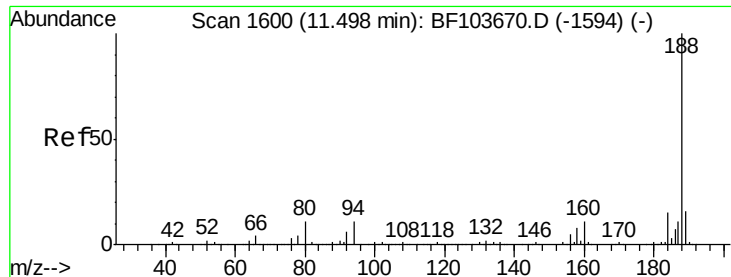
Tot Ion:330 Resp: 178706
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.0 115.6
 141 32.7 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 99.096 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BF103906.D
 Acq: 24 Mar 2018 3:33

Tgt Ion:172 Resp: 1313917
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.7 44.5
 170 24.4 19.6 29.4

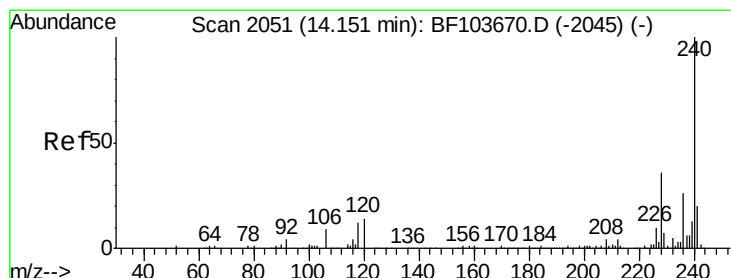
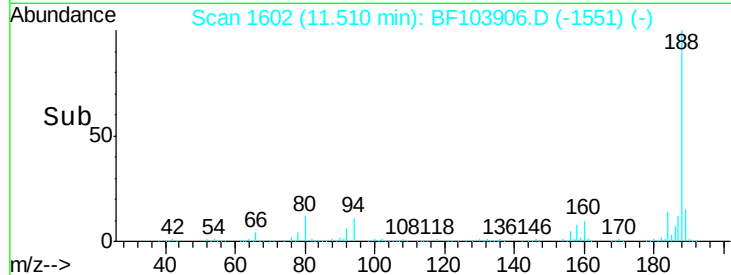
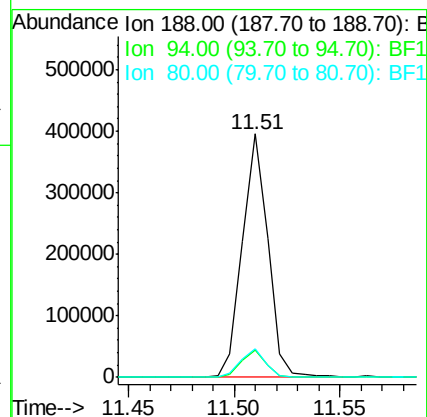
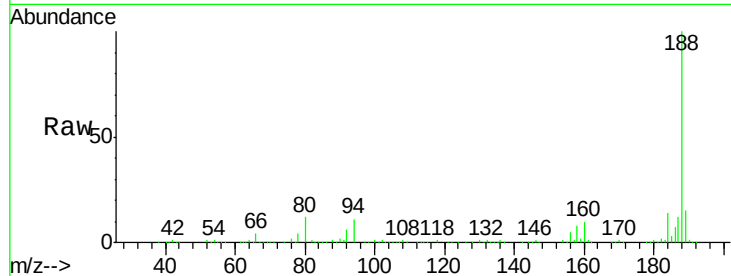




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.00 min
Lab File: BF103906.D
Acq: 24 Mar 2018 3:33

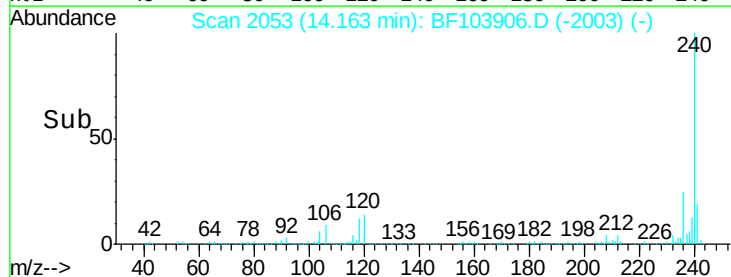
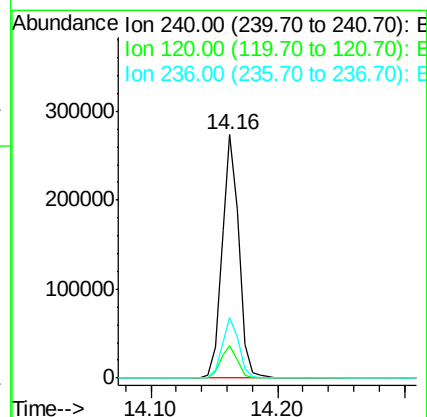
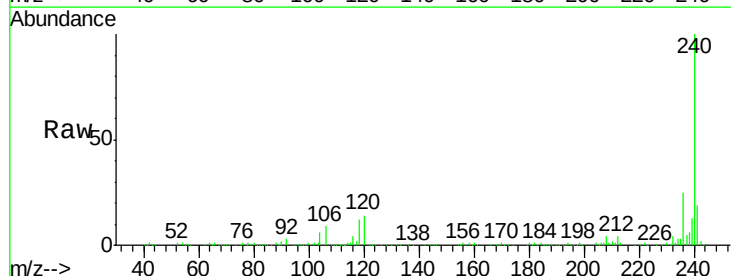
Instrument :
BNA_F
ClientSampleId :
032018-TIDO-F-U-S

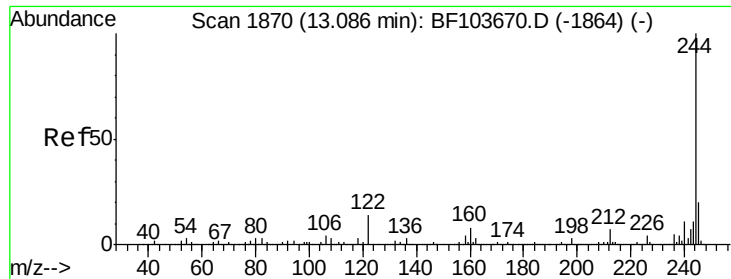
Tot Ion:188 Resp: 331403
Ion Ratio Lower Upper
188 100
94 11.0 8.5 12.7
80 11.6 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BF103906.D
Acq: 24 Mar 2018 3:33

Tgt Ion:240 Resp: 254680
Ion Ratio Lower Upper
240 100
120 13.6 9.5 14.3
236 24.9 20.7 31.1





#78

Terphenyl-d14

Concen: 93.413 ng

RT: 13.10 min Scan# 1872

Delta R.T. -0.00 min

Lab File: BF103906.D

Acq: 24 Mar 2018 3:33

Instrument :

BNA_F

ClientSampleId :

032018-TIDO-F-U-S

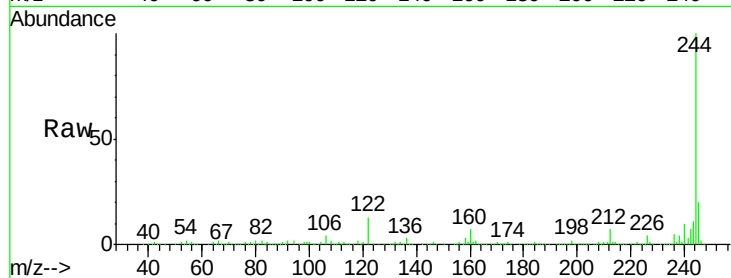
Tot Ion:244 Resp: 1024945

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

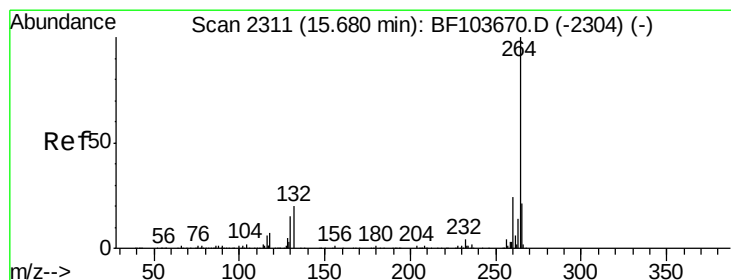
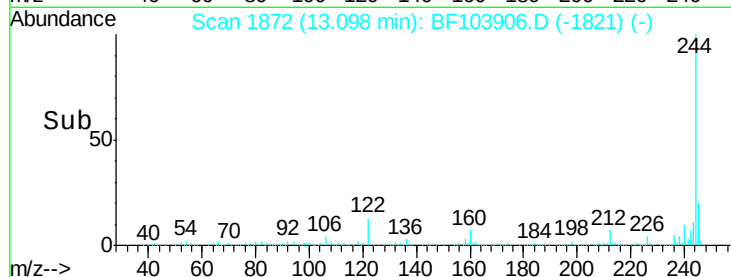
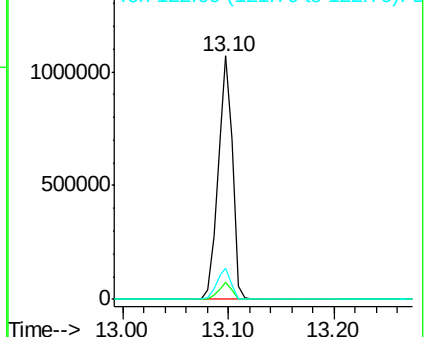
122 12.9 11.0 16.4



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: 15.71 min Scan# 2316

Delta R.T. -0.00 min

Lab File: BF103906.D

Acq: 24 Mar 2018 3:33

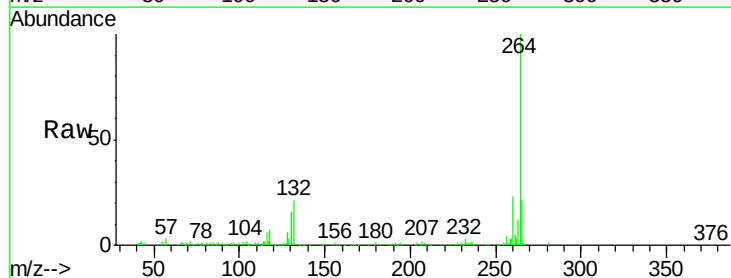
Tgt Ion:264 Resp: 194378

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 20.9 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

