

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032318\
 Data File : BF103900.D
 Acq On : 24 Mar 2018 00:56
 Operator : JU/SJ
 Sample : J2012-02
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

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

Quant Time: Mar 24 03:23:52 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	127499	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	473048	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	200136	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	307324	20.00	ng	0.00
75) Chrysene-d12	14.16	240	246672	20.00	ng	0.00
86) Perylene-d12	15.71	264	186061	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	351778	41.97	ng	0.00
7) Phenol-d6	6.59	99	277593	27.07	ng	-0.01
23) Nitrobenzene-d5	7.54	82	765921	112.91	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	172088	100.01	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1314346	104.76	ng	0.00
78) Terphenyl-d14	13.10	244	1000565	94.15	ng	0.00

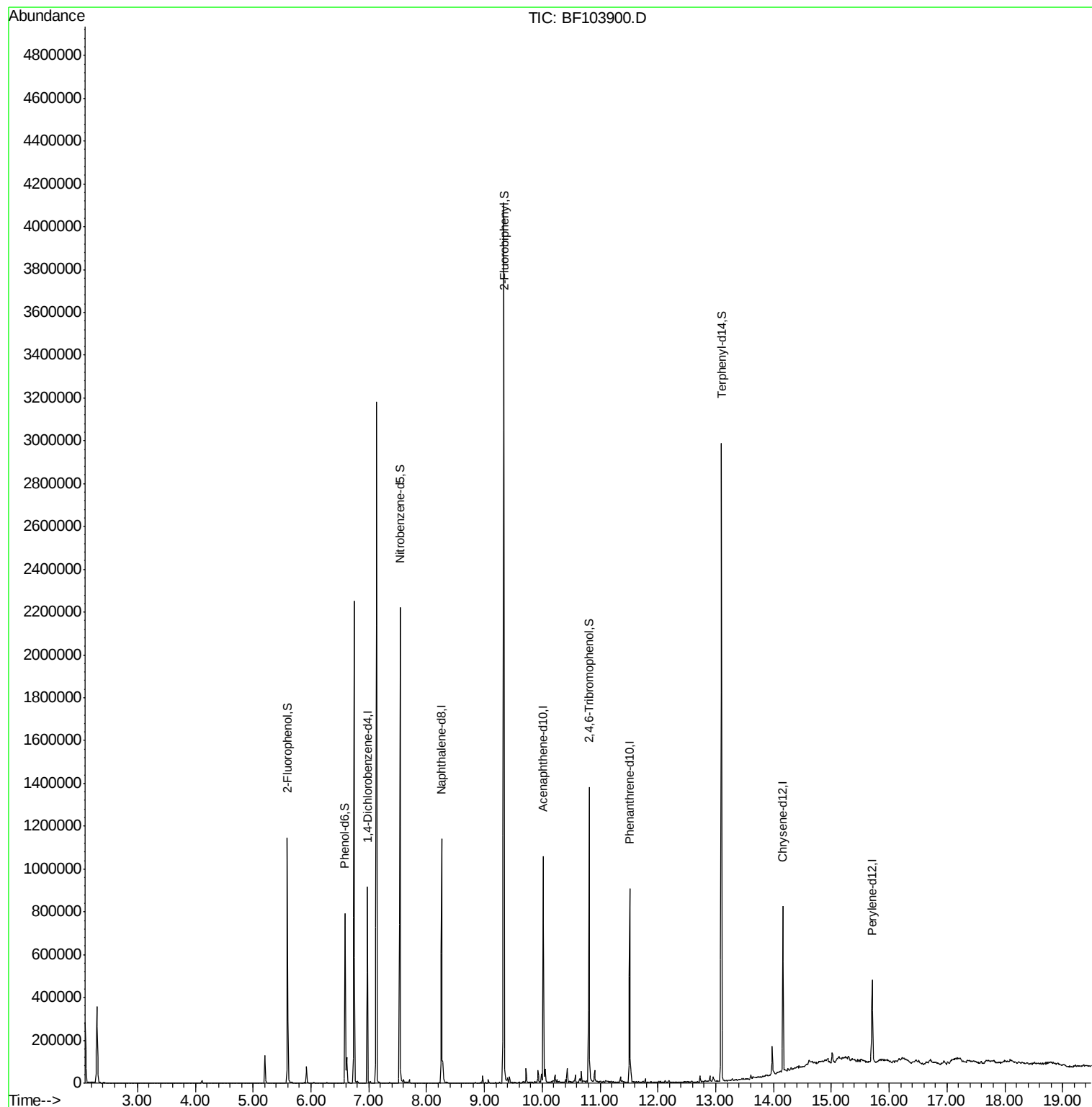
Target Compounds Qvalue

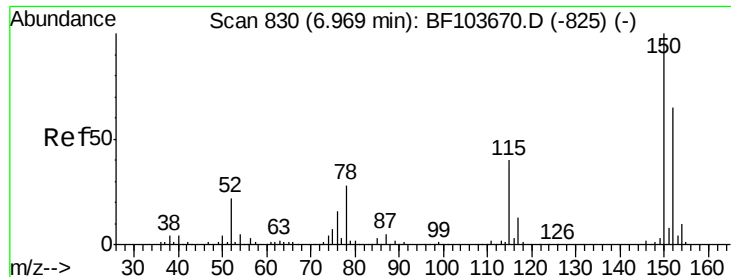
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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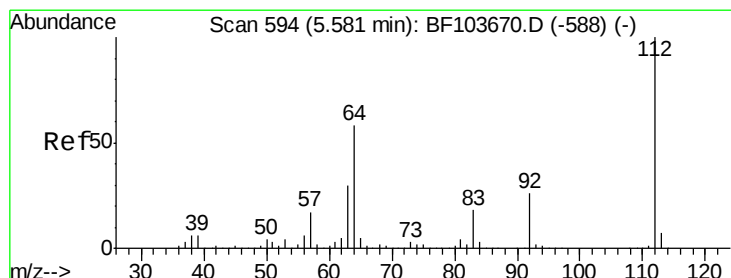
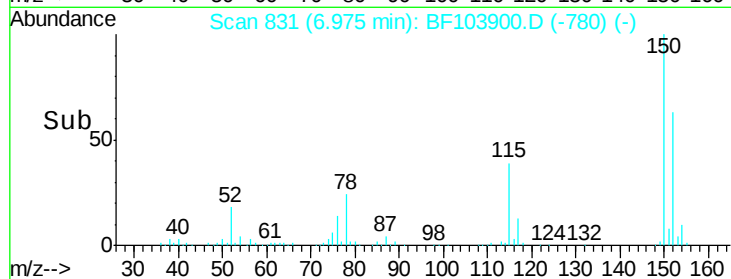
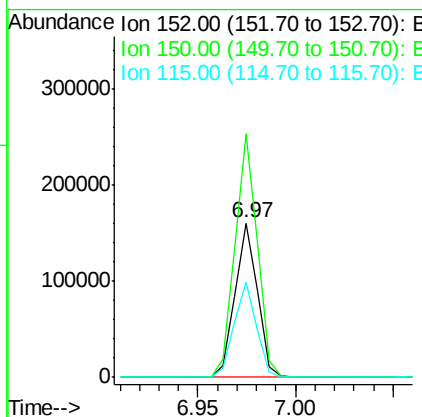
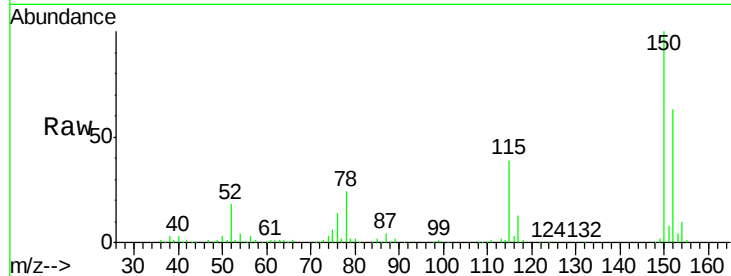


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF103900.D
Acq: 24 Mar 2018 00:56

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

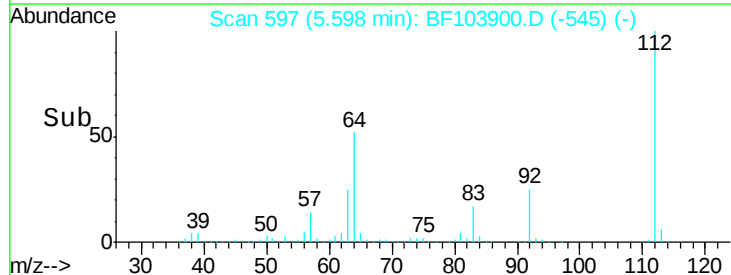
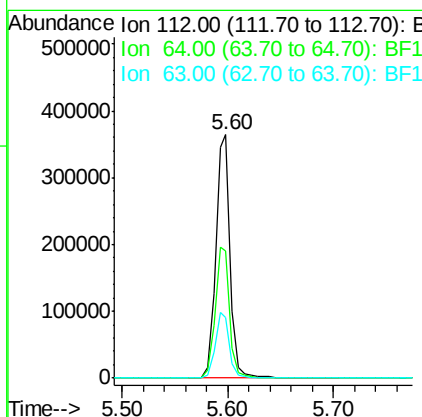
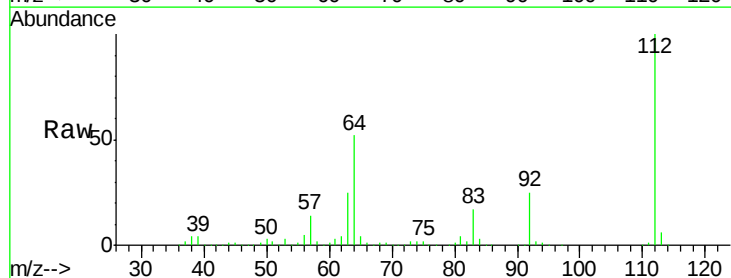
Tot Ion:152 Resp: 127499
Ion Ratio Lower Upper
152 100
150 157.5 124.6 186.8
115 61.5 50.1 75.1



#5

2-Fluorophenol
Concen: 41.965 ng
RT: 5.60 min Scan# 597
Delta R.T. 0.01 min
Lab File: BF103900.D
Acq: 24 Mar 2018 00:56

Tgt Ion:112 Resp: 351778
Ion Ratio Lower Upper
112 100
64 52.1 47.9 71.9
63 25.1 23.7 35.5





#7

Phenol-d6

Concen: 27.068 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF103900.D

Acq: 24 Mar 2018 00:56

Instrument :

BNA_F

ClientSampleId :

031918-TIDO-F-D-S

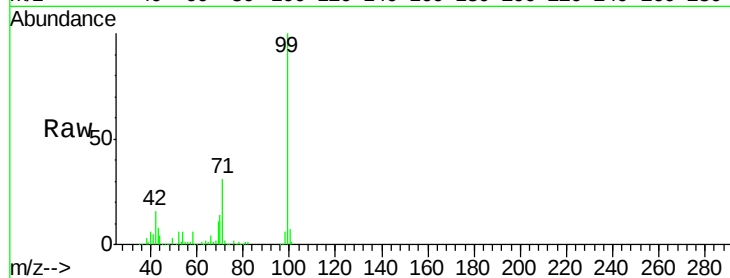
Tot Ion: 99 Resp: 277593

Ion Ratio Lower Upper

99 100

42 16.0 14.5 21.7

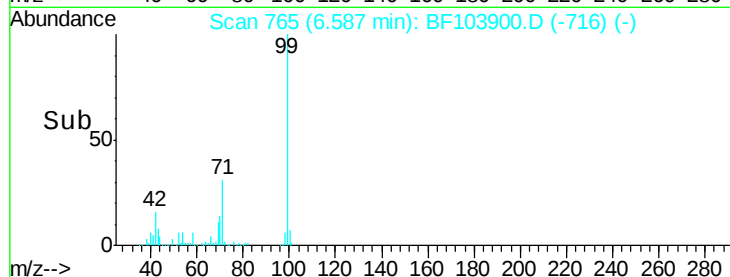
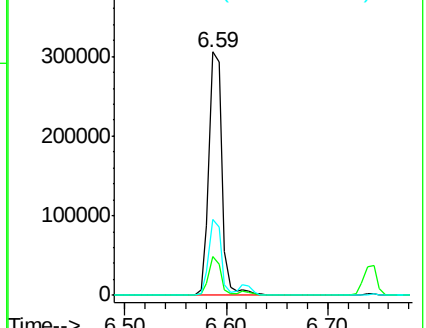
71 31.4 25.4 38.0



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: BF103900.D

Acq: 24 Mar 2018 00:56

Tgt Ion: 136 Resp: 473048

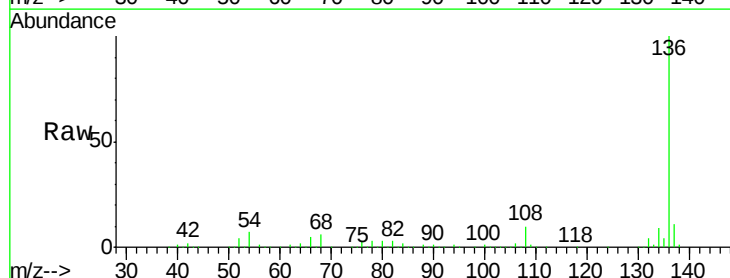
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 6.9 6.6 9.8

68 6.0 5.0 7.4

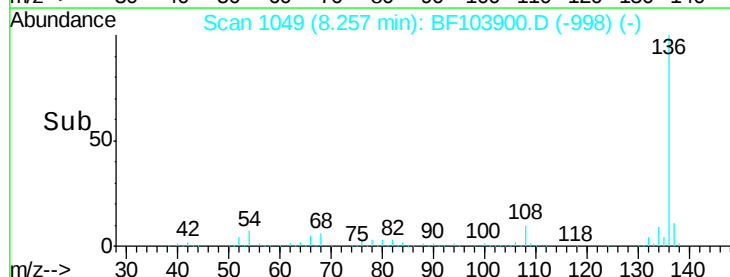
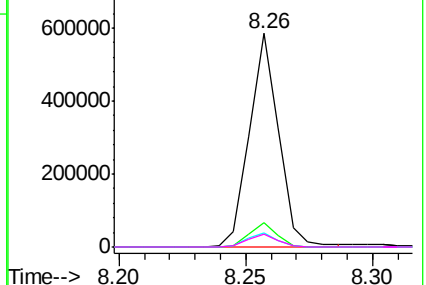


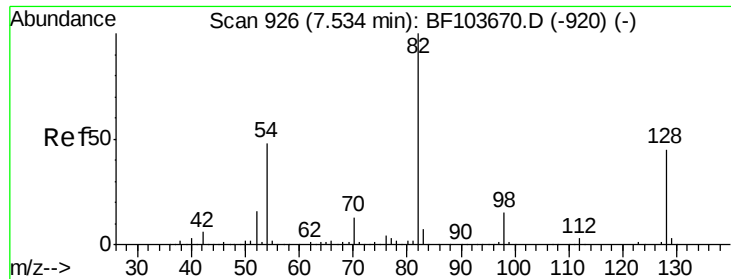
Abundance Ion 136.00 (135.70 to 136.70): E

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

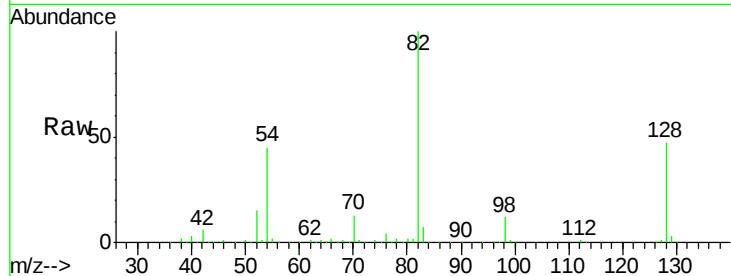




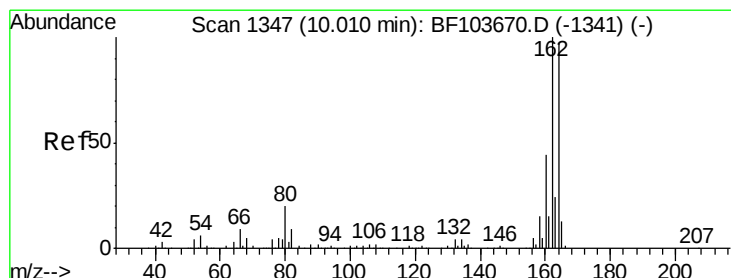
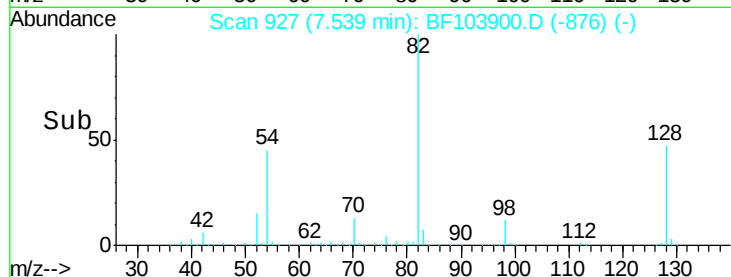
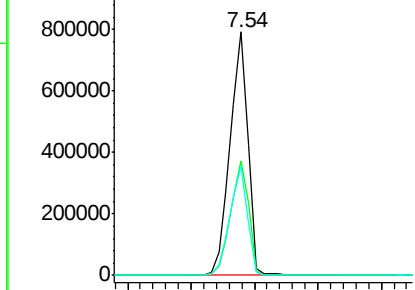
#23
Nitrobenzene-d5
Concen: 112.911 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.00 min
Lab File: BF103900.D
Acq: 24 Mar 2018 00:56

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

Tot Ion: 82 Resp: 765921
Ion Ratio Lower Upper
82 100
128 46.8 36.1 54.1
54 44.9 41.4 62.2

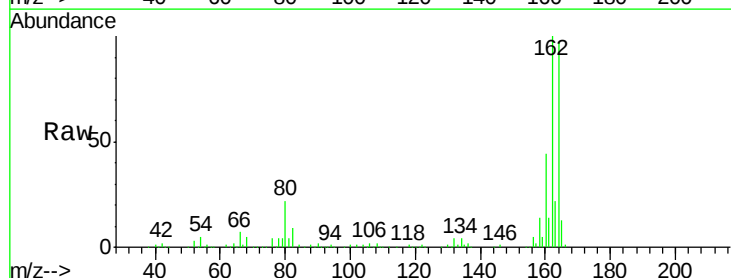


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF1

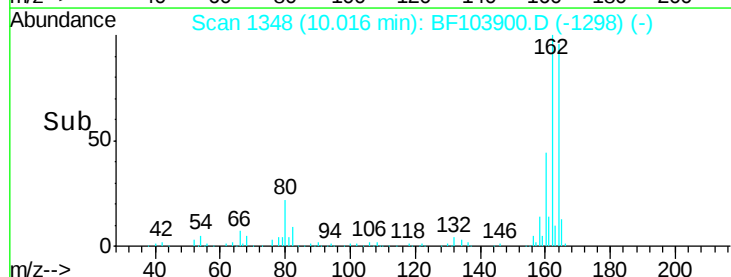
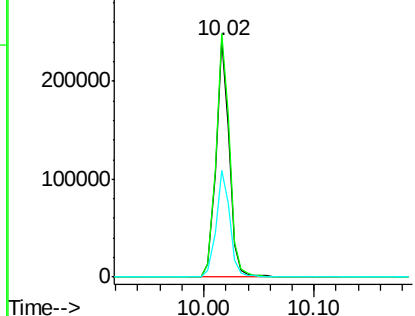


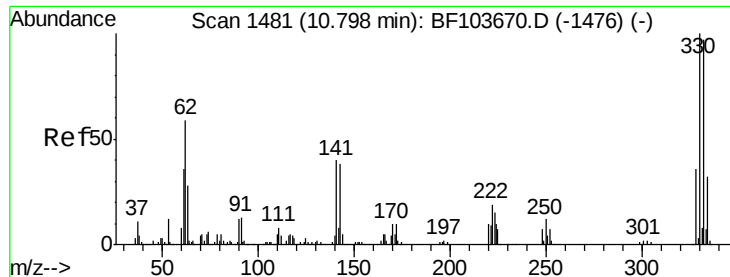
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF103900.D
Acq: 24 Mar 2018 00:56

Tgt Ion:164 Resp: 200136
Ion Ratio Lower Upper
164 100
162 102.7 86.1 129.1
160 45.2 38.3 57.5



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

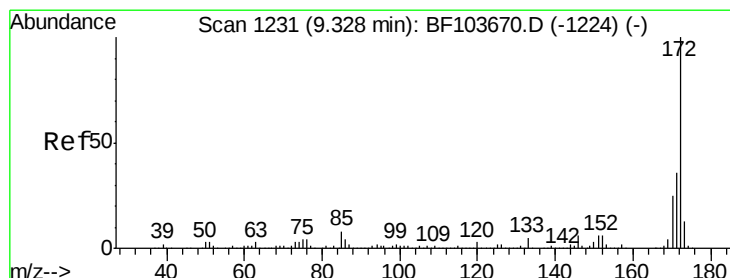
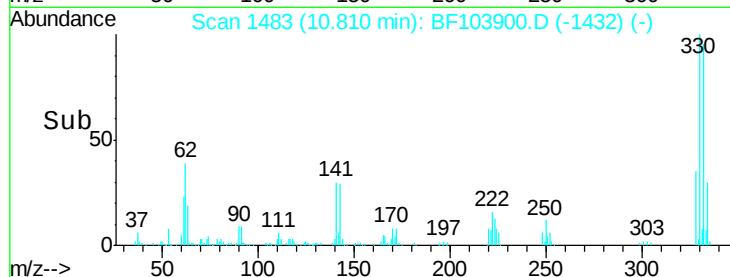
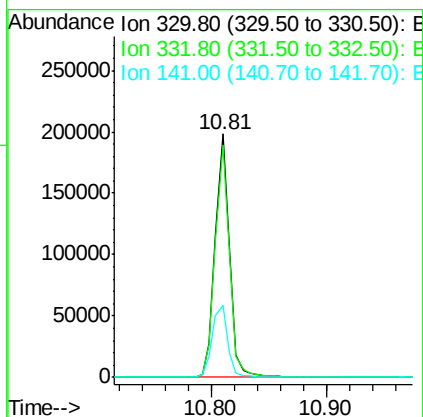
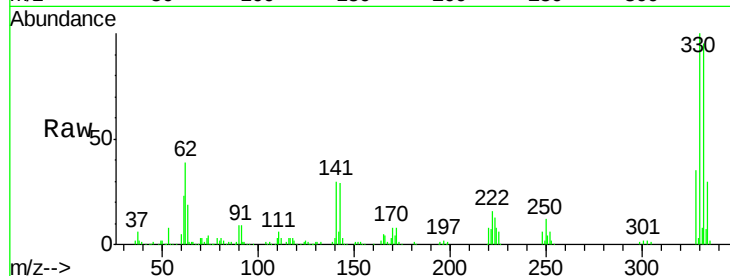




#41
 2,4,6-Tribromophenol
 Concen: 100.006 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. -0.00 min
 Lab File: BF103900.D
 Acq: 24 Mar 2018 00:56

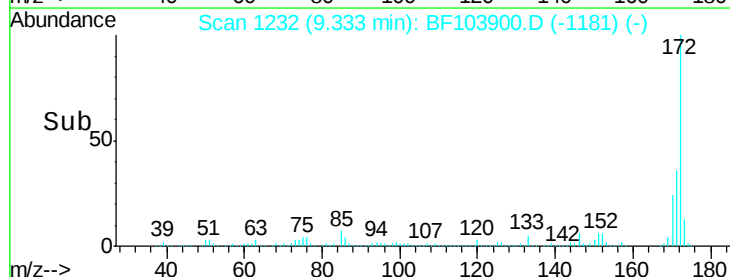
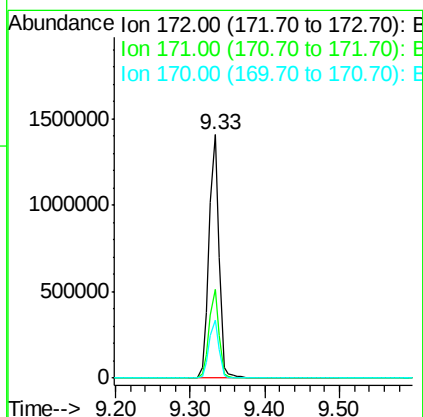
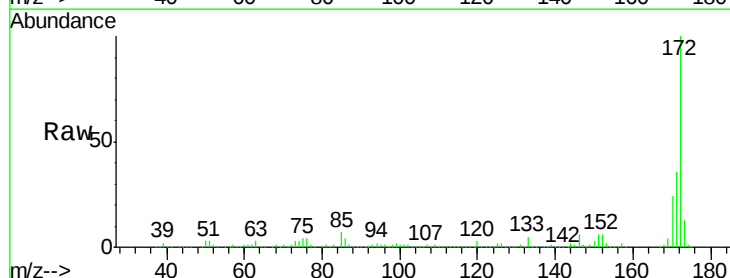
Instrument :
 BNA_F
 ClientSampleId :
 031918-TIDO-F-D-S

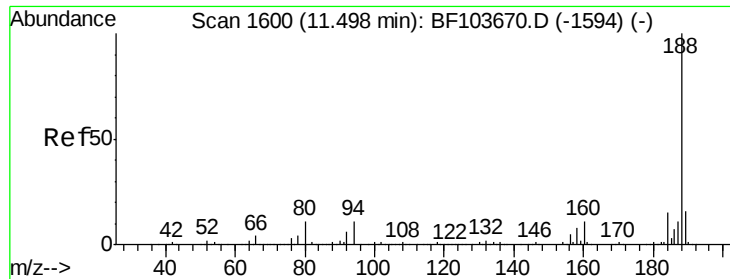
Tot Ion:330 Resp: 172088
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.0 115.6
 141 32.3 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 104.758 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BF103900.D
 Acq: 24 Mar 2018 00:56

Tgt Ion:172 Resp: 1314346
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 24.1 19.6 29.4

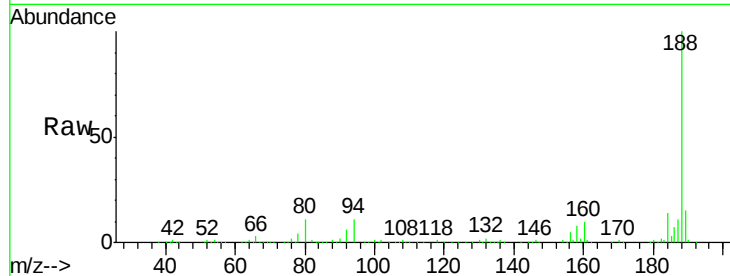




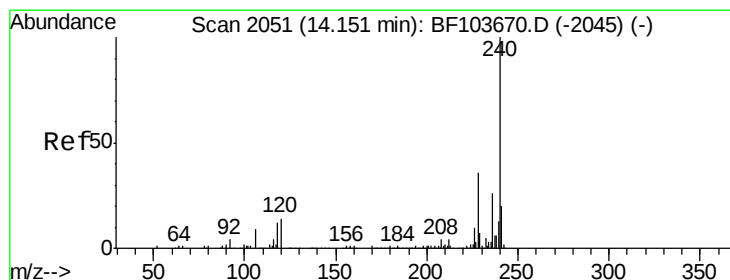
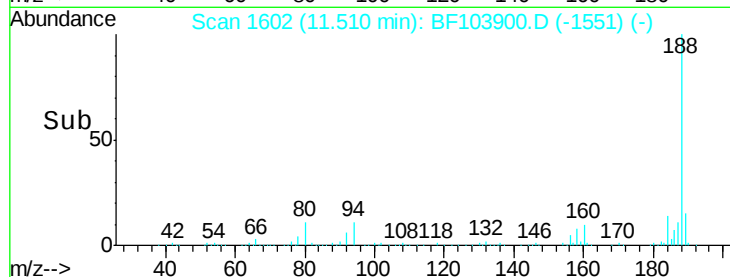
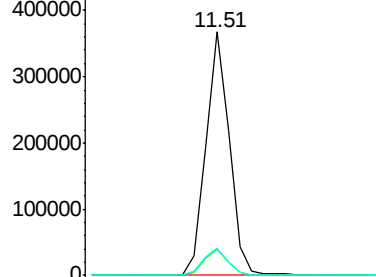
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.00 min
Lab File: BF103900.D
Acq: 24 Mar 2018 00:56

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

Tot Ion:188 Resp: 307324
Ion Ratio Lower Upper
188 100
94 10.8 8.5 12.7
80 11.1 9.2 13.8

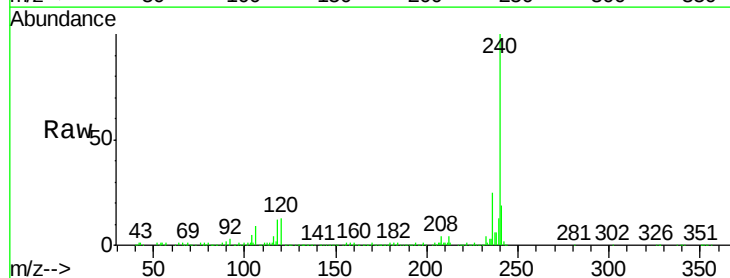


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

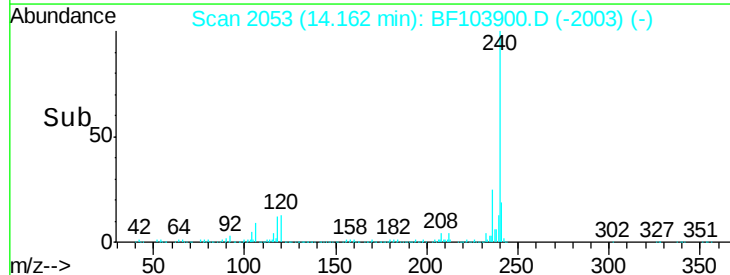
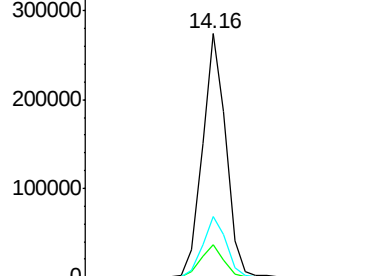


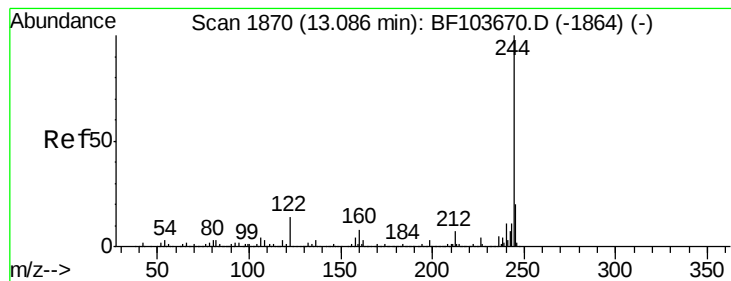
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BF103900.D
Acq: 24 Mar 2018 00:56

Tgt Ion:240 Resp: 246672
Ion Ratio Lower Upper
240 100
120 13.5 9.5 14.3
236 25.0 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 94.152 ng

RT: 13.10 min Scan# 1872

Delta R.T. -0.00 min

Lab File: BF103900.D

Acq: 24 Mar 2018 00:56

Instrument :

BNA_F

ClientSampleId :

031918-TIDO-F-D-S

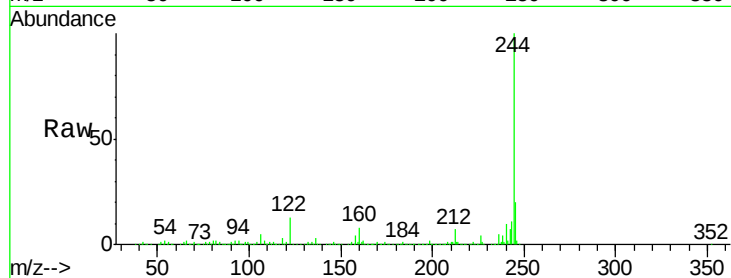
Tot Ion:244 Resp: 1000565

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	13.2	11.0	16.4

244 100

212 6.8 5.4 8.0

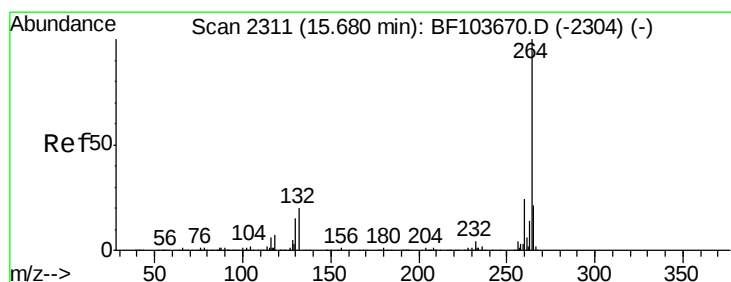
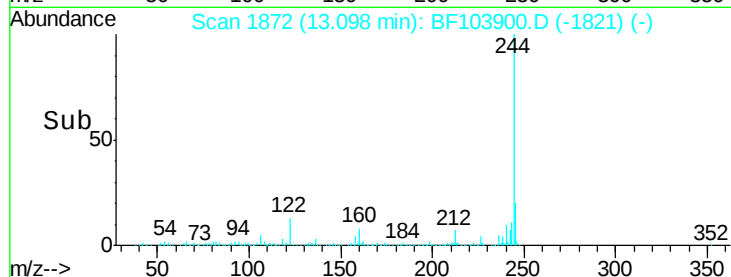
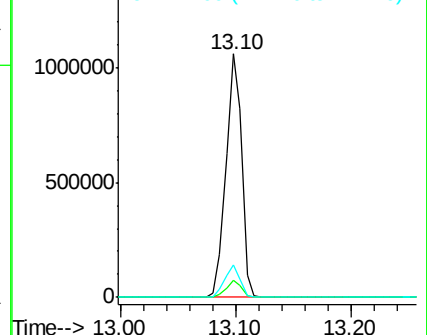
122 13.2 11.0 16.4



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: BF103900.D

Acq: 24 Mar 2018 00:56

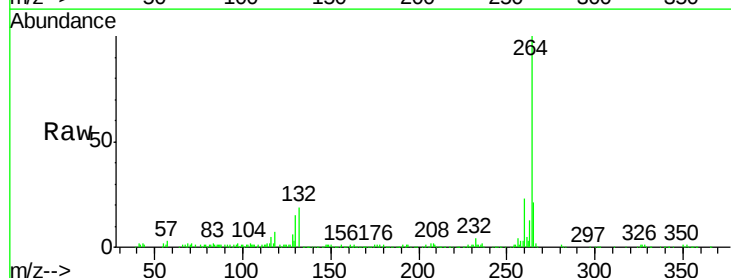
Tgt Ion:264 Resp: 186061

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	20.8	17.5	26.3

264 100

260 23.2 19.2 28.8

265 20.8 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

