

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031318\
 Data File : BF103600.D
 Acq On : 13 Mar 2018 13:27
 Operator : SJ/JU
 Sample : PB107261TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 13 14:18:03 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 13 14:02:37 2018
 Response via : Initial Calibration

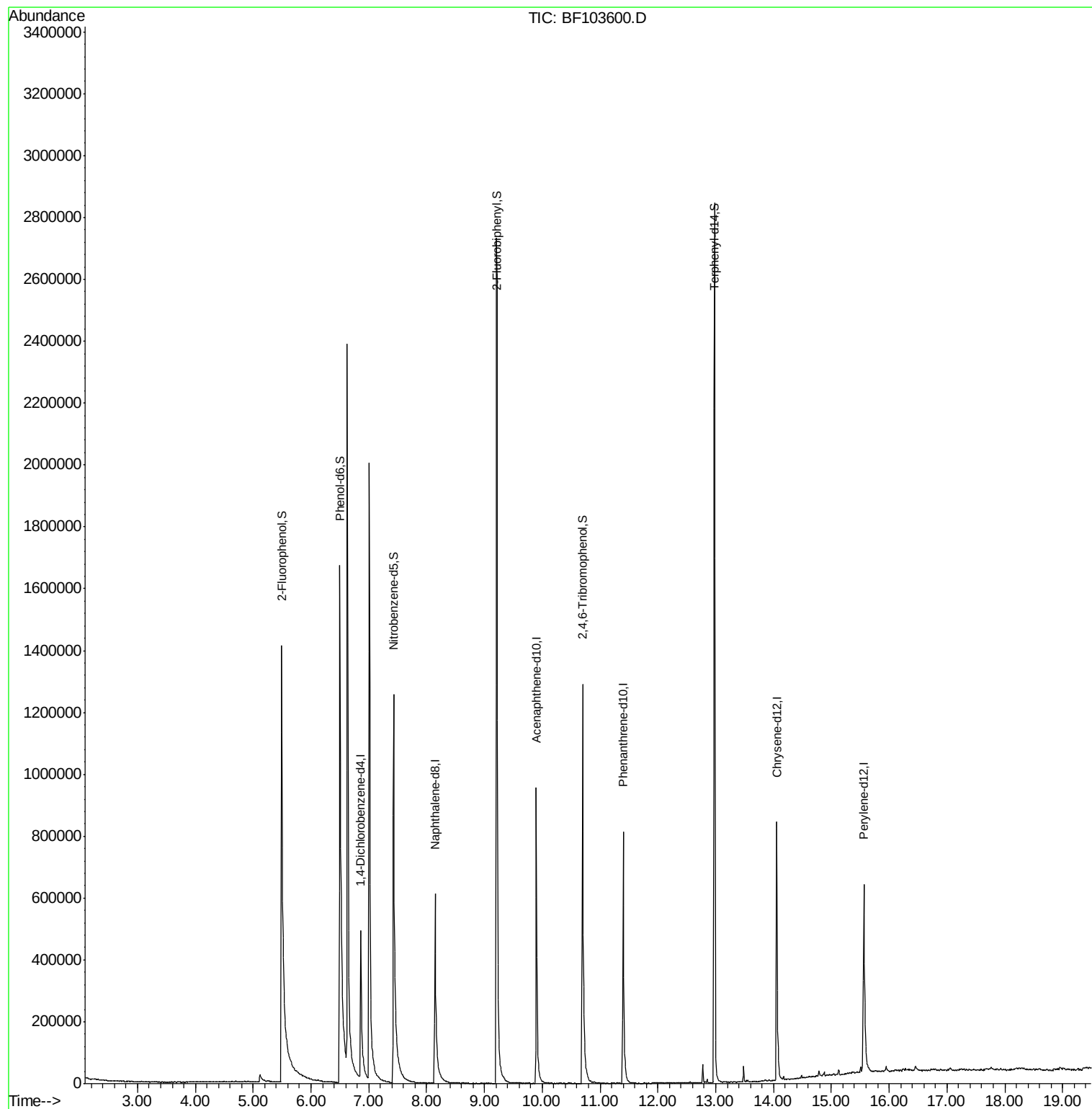
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	135967	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	588016	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	267258	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	470935	20.00	ng	0.00
75) Chrysene-d12	14.06	240	404540	20.00	ng	0.00
86) Perylene-d12	15.56	264	395731	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	972695	108.20	ng	0.00
7) Phenol-d6	6.50	99	1149581	104.50	ng	0.00
23) Nitrobenzene-d5	7.43	82	783672	76.11	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	195970	86.63	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1203567	75.53	ng	0.00
78) Terphenyl-d14	12.98	244	1057488	62.84	ng	0.00

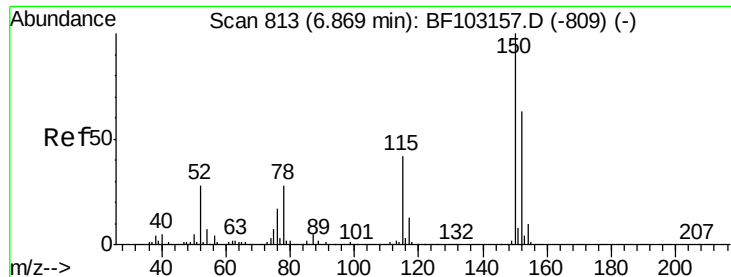
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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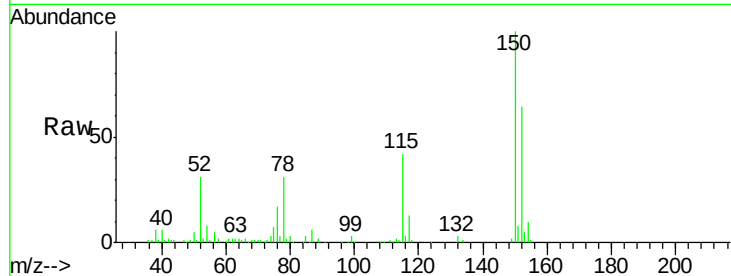




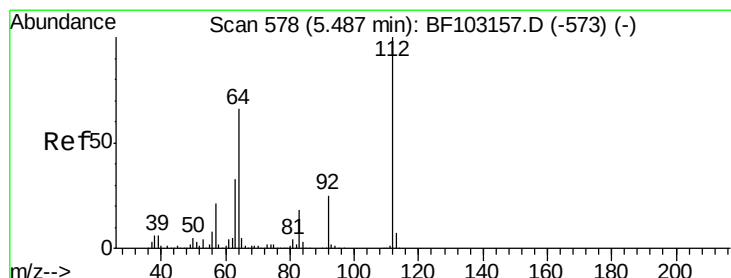
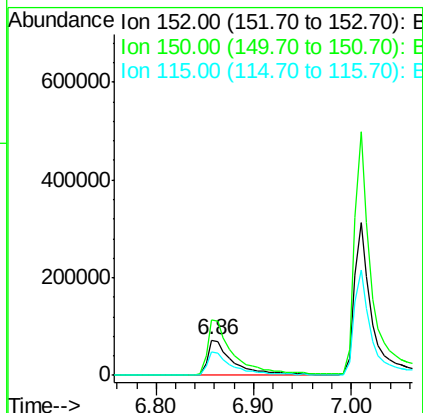
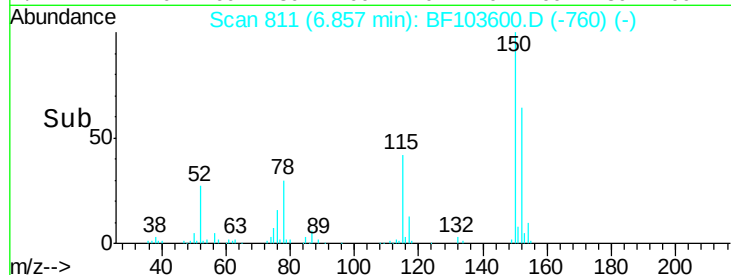
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF103600.D
Acq: 13 Mar 2018 13:27

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.6	186.8
115	66.3	50.1	75.1



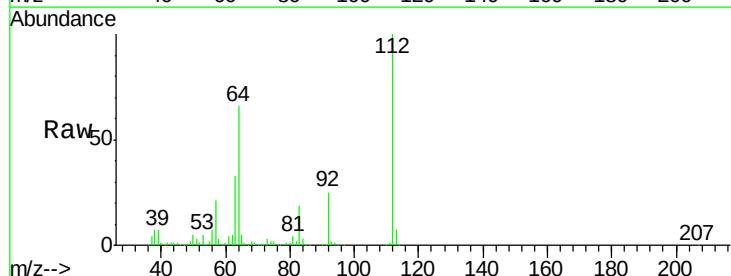
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



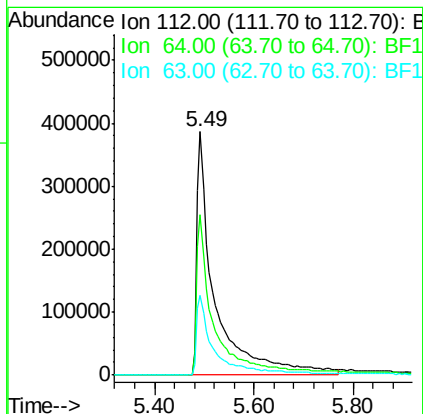
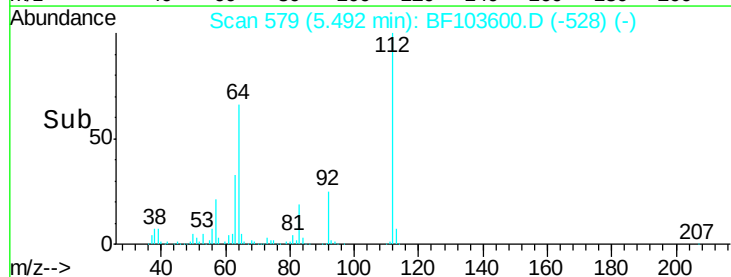
#5

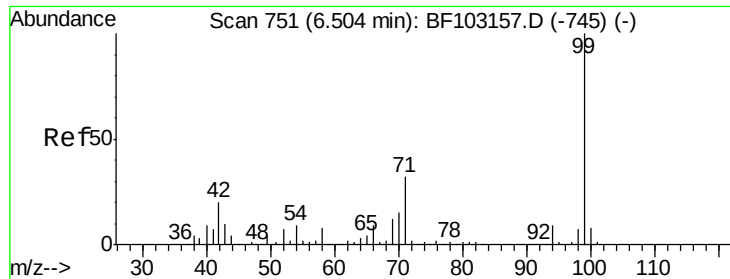
2-Fluorophenol
Concen: 108.198 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF103600.D
Acq: 13 Mar 2018 13:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.9	47.9	71.9
63	33.0	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: 104.502 ng

RT: 6.50 min Scan# 750

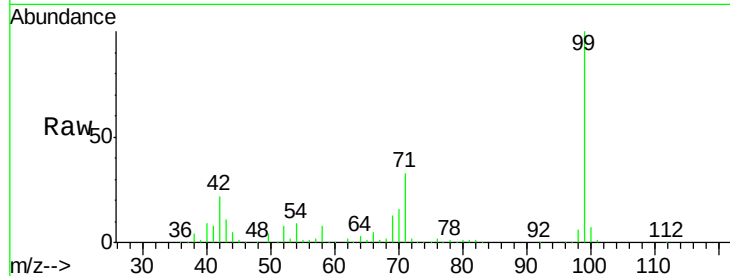
Delta R.T. -0.01 min

Lab File: BF103600.D

Acq: 13 Mar 2018 13:27

Tot Ion: 99 Resp: 1149581

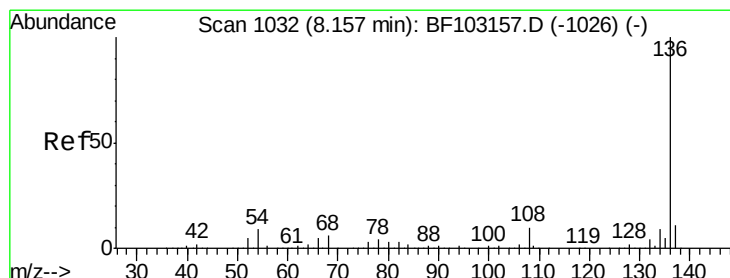
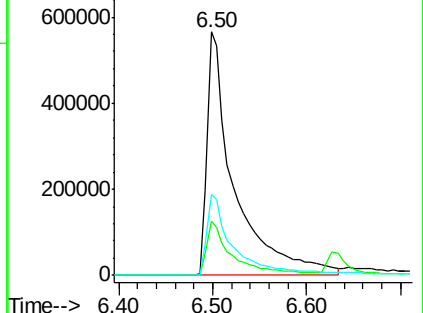
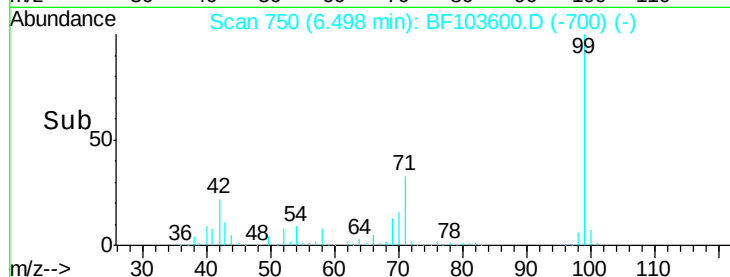
Ion	Ratio	Lower	Upper
99	100		
42	22.4	14.5	21.7#
71	33.2	25.4	38.0



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: 8.15 min Scan# 1030

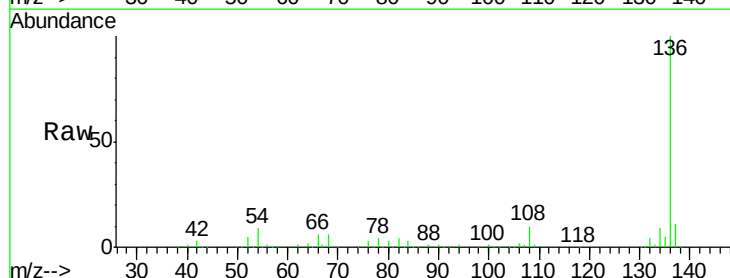
Delta R.T. 0.01 min

Lab File: BF103600.D

Acq: 13 Mar 2018 13:27

Tgt Ion: 136 Resp: 588016

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.9	6.6	9.8
68	6.2	5.0	7.4

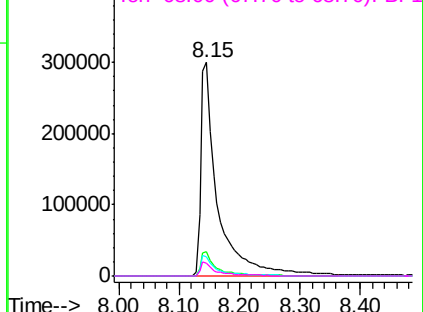
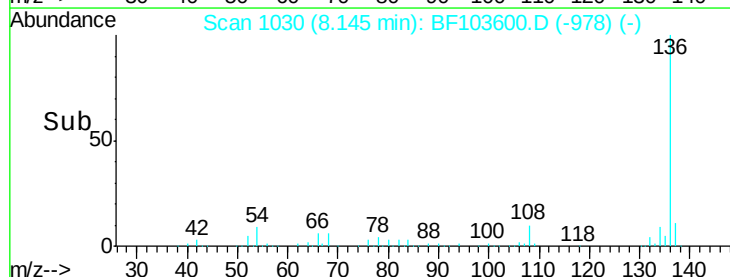


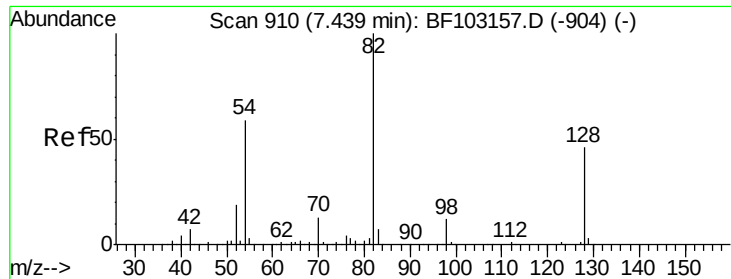
Abundance Ion 136.00 (135.70 to 136.70): E

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: 76.111 ng

RT: 7.43 min Scan# 908

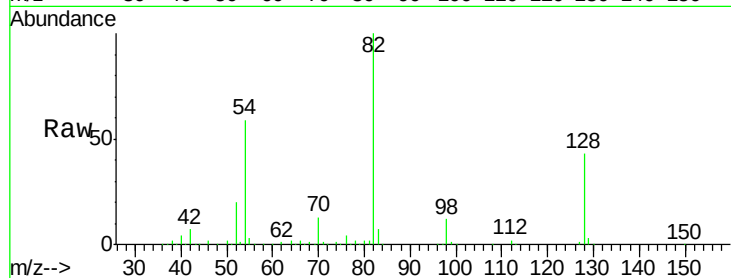
Delta R.T. -0.01 min

Lab File: BF103600.D

Acq: 13 Mar 2018 13:27

Tot Ion: 82 Resp: 783672

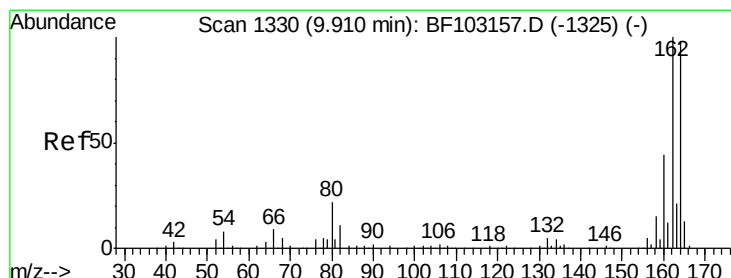
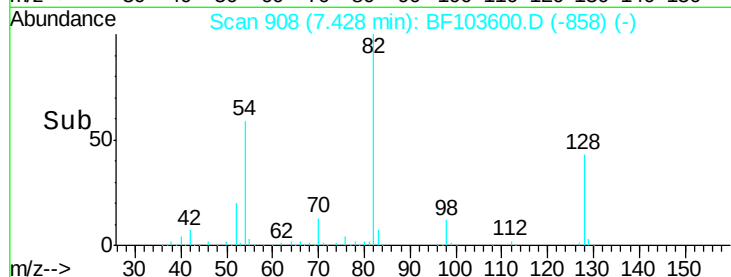
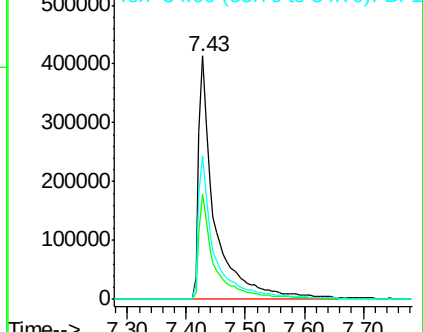
Ion	Ratio	Lower	Upper
82	100		
128	43.3	36.1	54.1
54	59.1	41.4	62.2



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: 9.90 min Scan# 1328

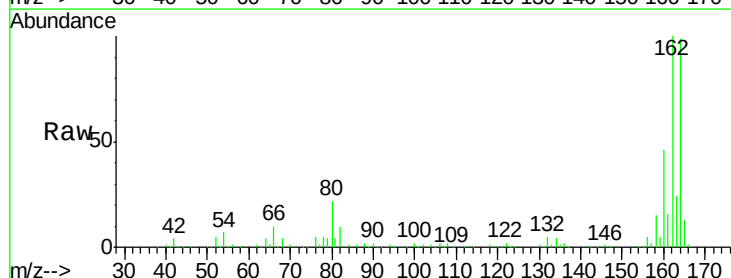
Delta R.T. 0.00 min

Lab File: BF103600.D

Acq: 13 Mar 2018 13:27

Tgt Ion: 164 Resp: 267258

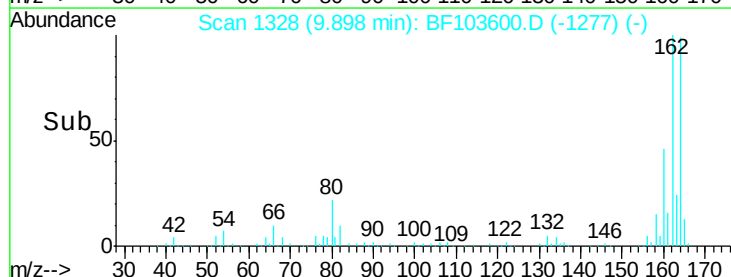
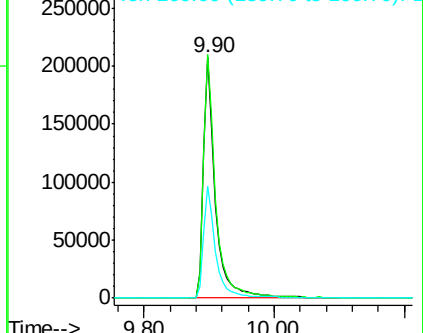
Ion	Ratio	Lower	Upper
164	100		
162	101.1	86.1	129.1
160	46.4	38.3	57.5

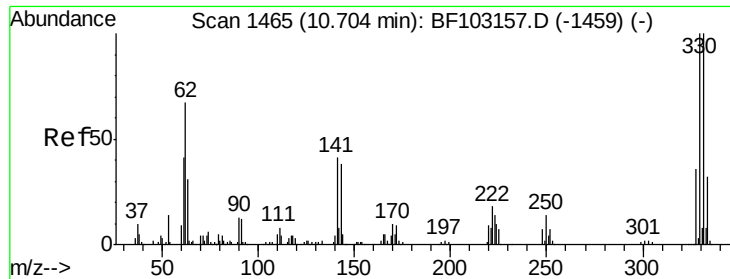


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

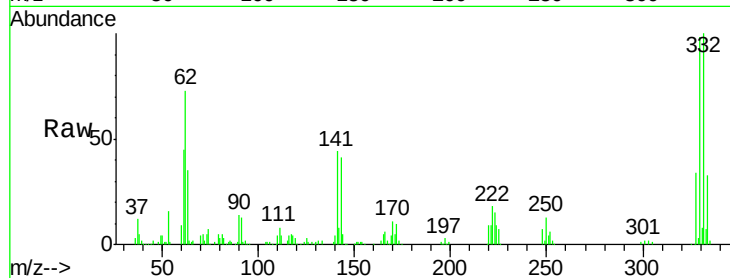
Ion 160.00 (159.70 to 160.70): BF1



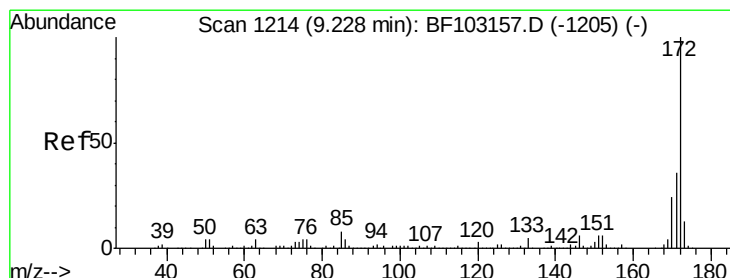
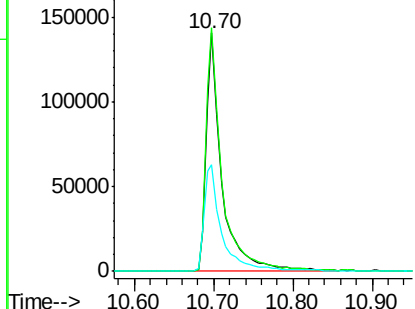
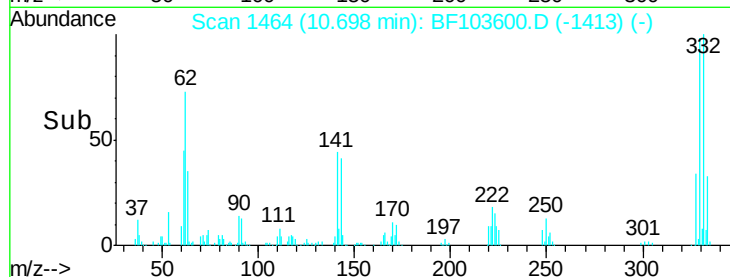


#41
 2,4,6-Tribromophenol
 Concen: 86.628 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. 0.00 min
 Lab File: BF103600.D
 Acq: 13 Mar 2018 13:27

Tot Ion:330 Resp: 195970
 Ion Ratio Lower Upper
 330 100
 332 103.5 77.0 115.6
 141 50.1 29.9 44.9#

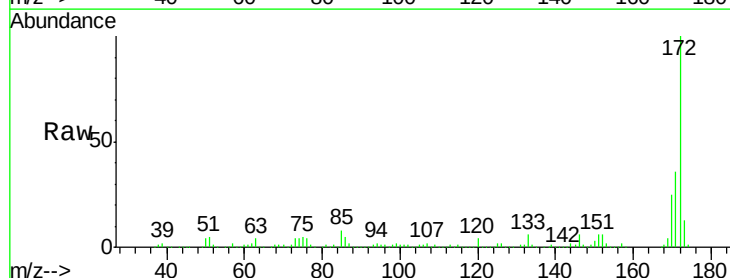


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

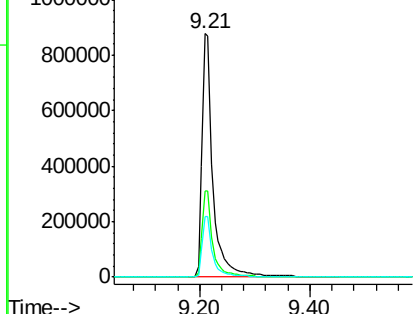
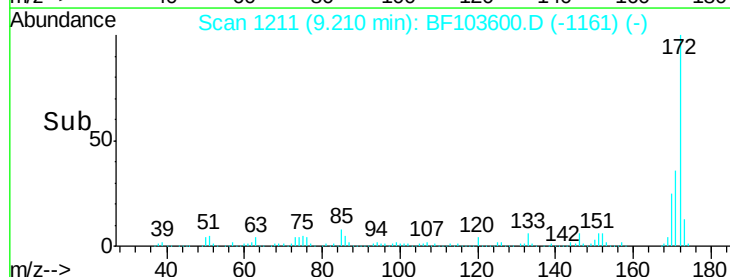


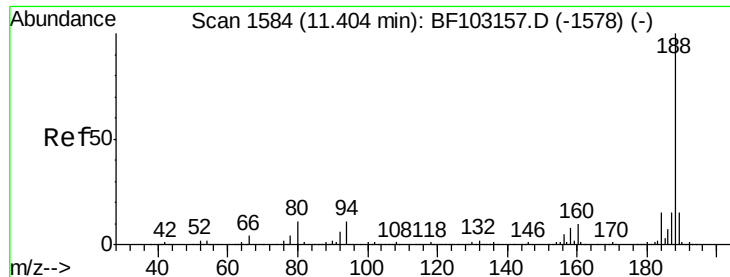
#44
 2-Fluorobiphenyl
 Concen: 75.532 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF103600.D
 Acq: 13 Mar 2018 13:27

Tgt Ion:172 Resp: 1203567
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.7 44.5
 170 24.8 19.6 29.4



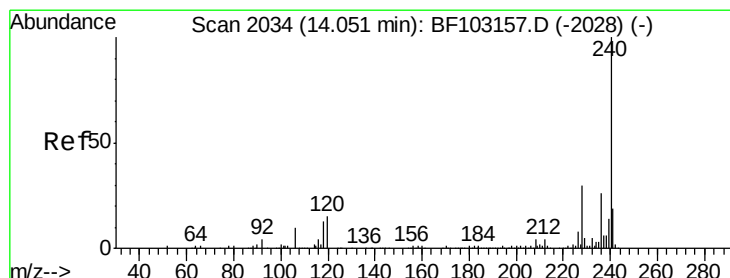
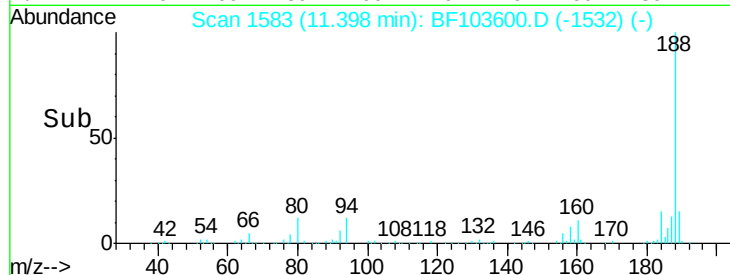
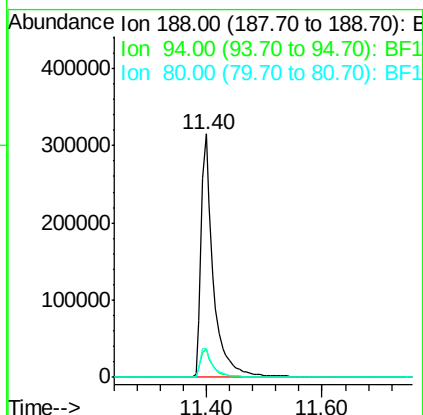
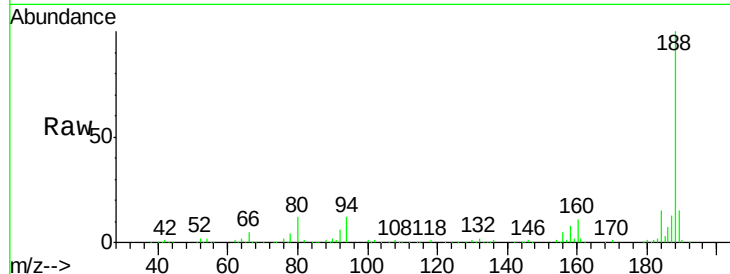
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





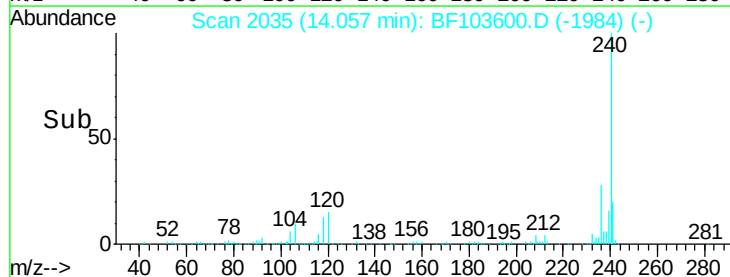
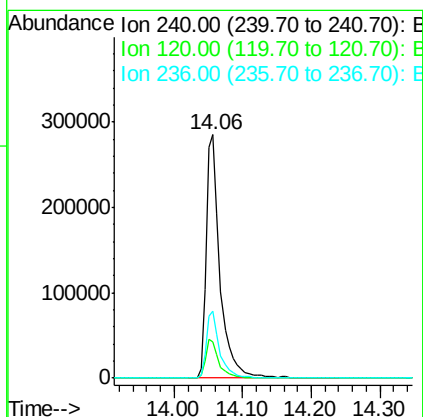
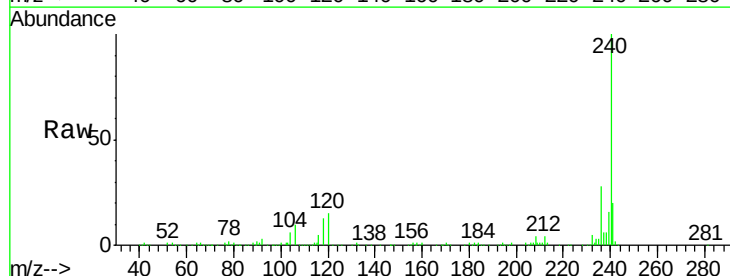
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: BF103600.D
 Acq: 13 Mar 2018 13:27

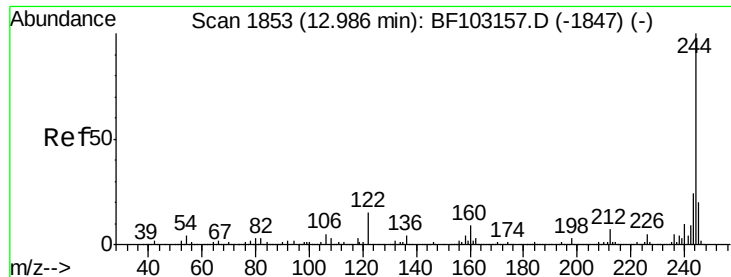
Tot Ion	Ratio	Lower	Upper
188	100		
94	11.5	8.5	12.7
80	12.0	9.2	13.8



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: BF103600.D
 Acq: 13 Mar 2018 13:27

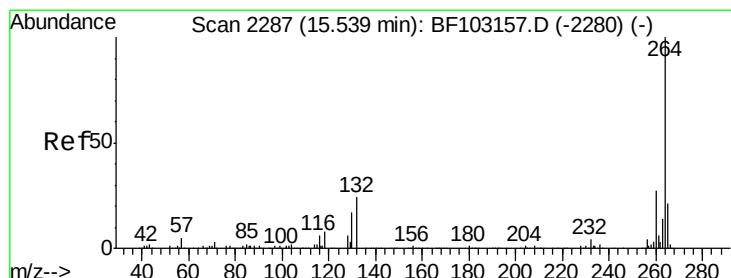
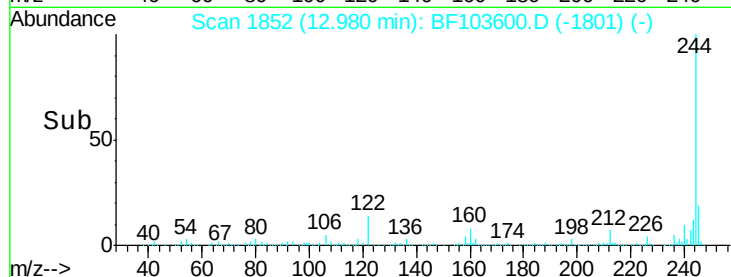
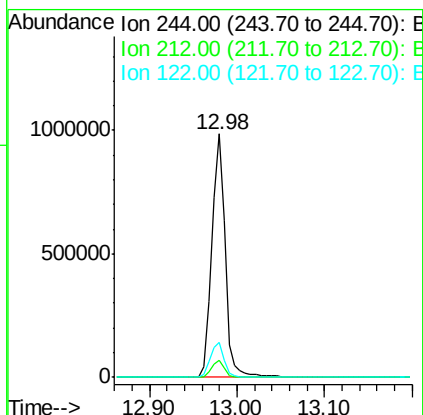
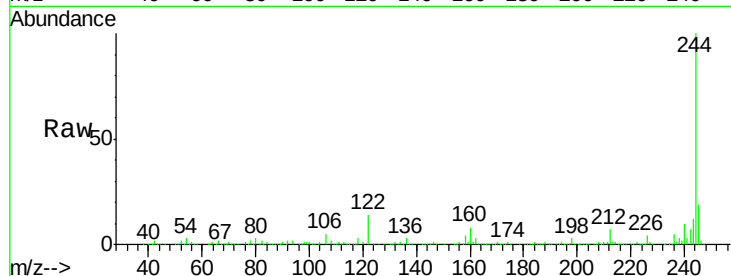
Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.9	9.5	14.3#
236	27.7	20.7	31.1





#78
 Terphenyl-d14
 Concen: 62.838 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: BF103600.D
 Acq: 13 Mar 2018 13:27

Tot Ion:244 Resp: 1057488
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 14.3 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.56 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BF103600.D
 Acq: 13 Mar 2018 13:27

Tgt Ion:264 Resp: 395731
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 21.4 17.5 26.3

