

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031318\
 Data File : BF103620.D
 Acq On : 13 Mar 2018 22:22
 Operator : SJ/JU
 Sample : PB107300BL
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Quant Time: Mar 14 01:04:38 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 09 11:47:13 2018
 Response via : Initial Calibration

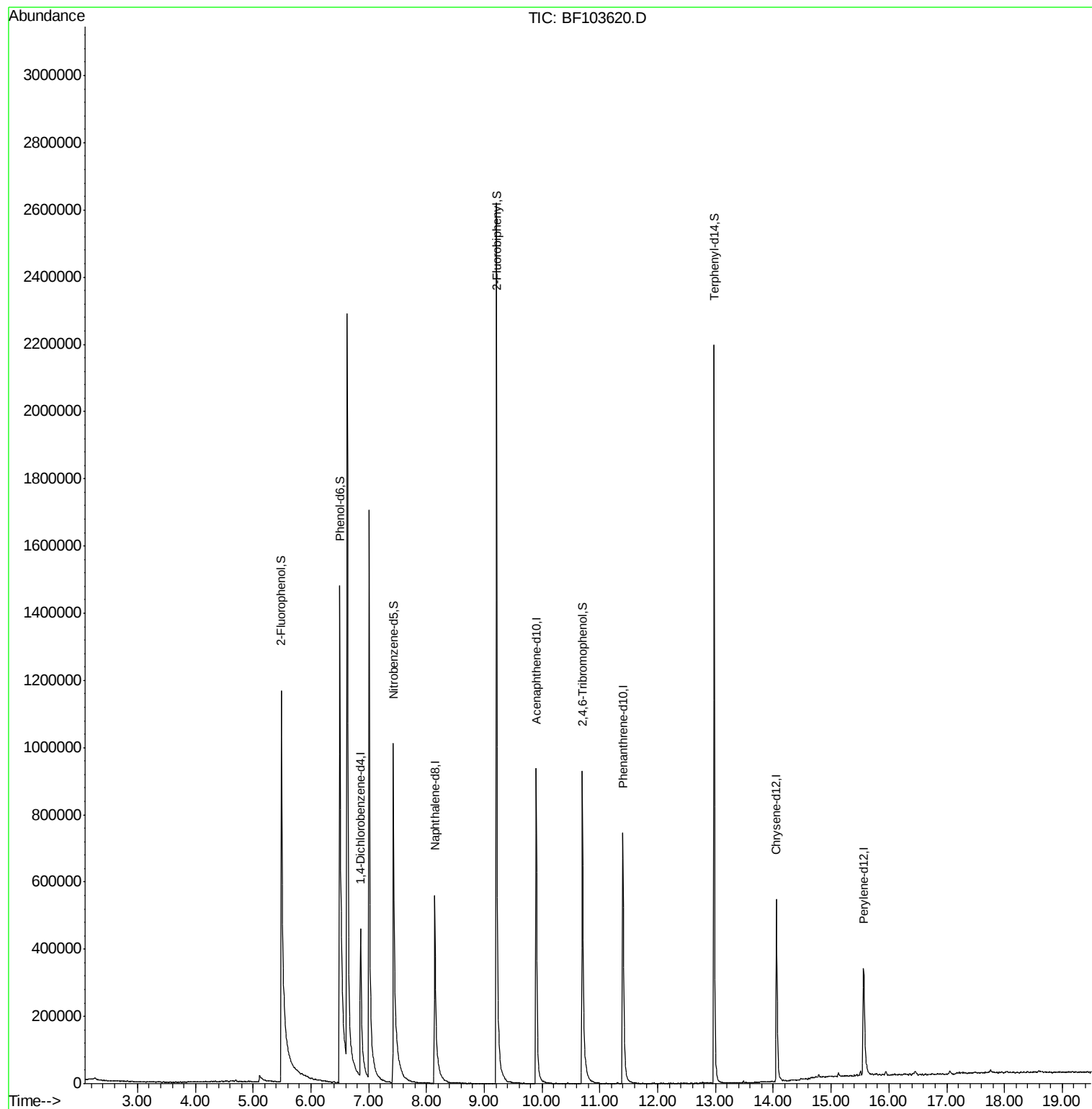
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	135941	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	603204	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	272624	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	476262	20.00	ng	0.00
75) Chrysene-d12	14.06	240	267051	20.00	ng	0.00
86) Perylene-d12	15.56	264	238560	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	866280	96.38	ng	0.00
7) Phenol-d6	6.50	99	1139796	103.63	ng	-0.01
23) Nitrobenzene-d5	7.43	82	722214	68.38	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	166212	72.03	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1156904	70.08	ng	-0.01
78) Terphenyl-d14	12.98	244	868276	78.16	ng	0.00

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

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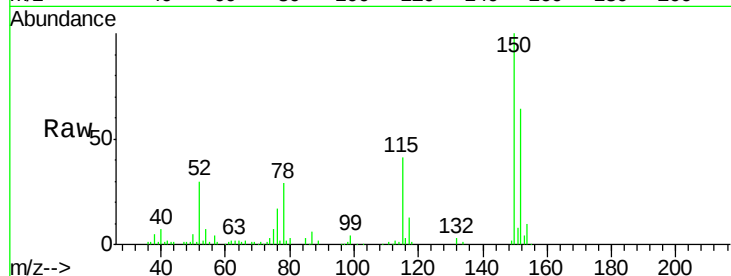




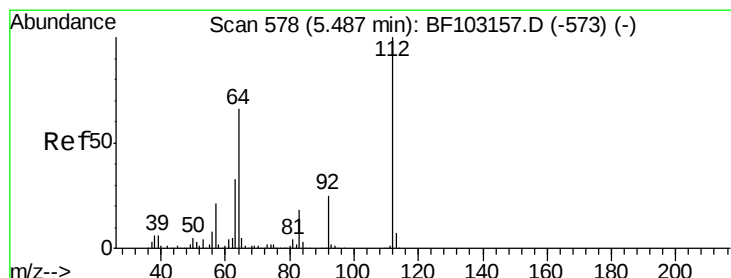
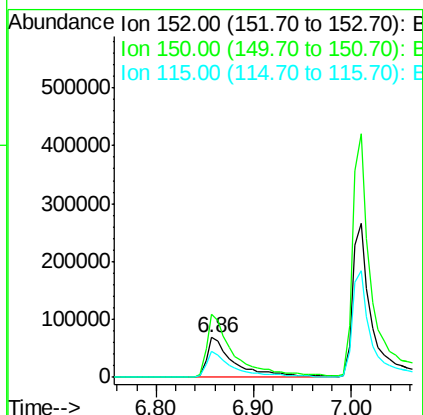
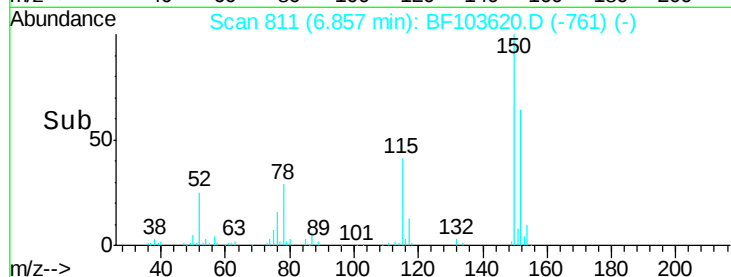
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF103620.D
Acq: 13 Mar 2018 22:22

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.6	186.8
115	64.3	50.1	75.1



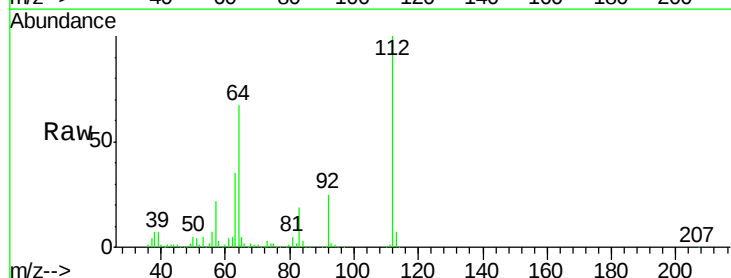
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



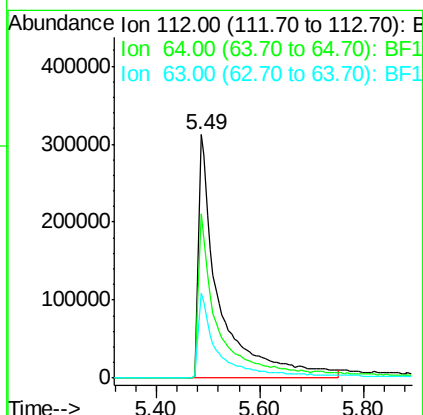
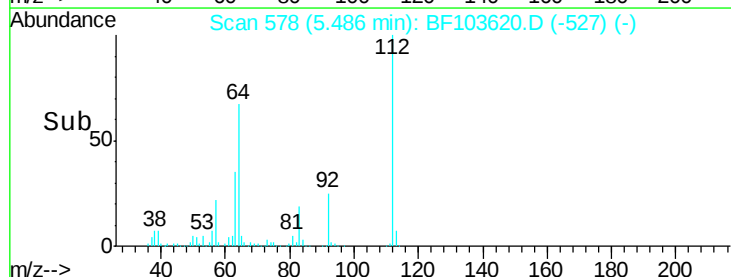
#5

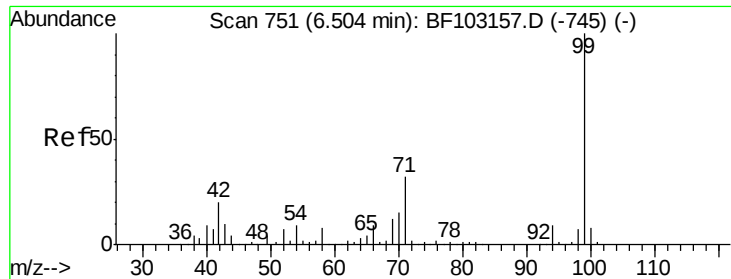
2-Fluorophenol
Concen: 96.379 ng
RT: 5.49 min Scan# 578
Delta R.T. -0.00 min
Lab File: BF103620.D
Acq: 13 Mar 2018 22:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.2	47.9	71.9
63	34.9	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: 103.632 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF103620.D

Acq: 13 Mar 2018 22:22

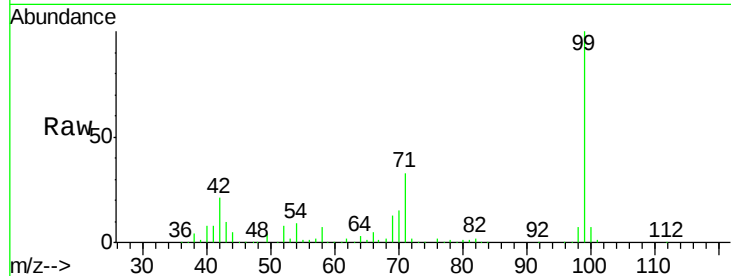
Tot Ion: 99 Resp: 1139796

Ion Ratio Lower Upper

99 100

42 21.2 14.5 21.7

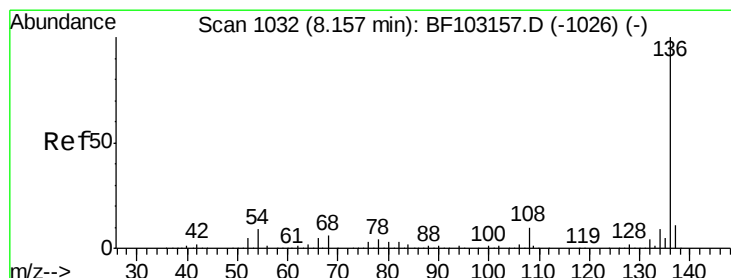
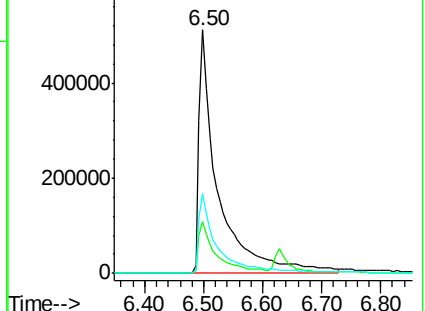
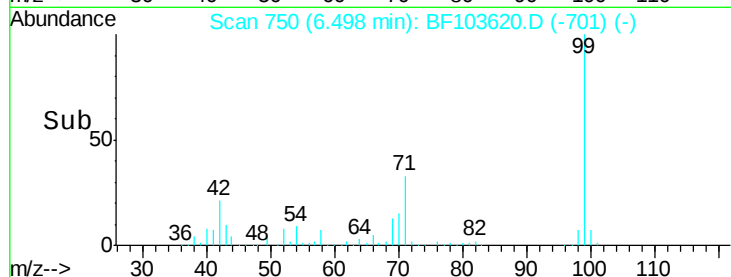
71 32.7 25.4 38.0



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: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF103620.D

Acq: 13 Mar 2018 22:22

Tgt Ion: 136 Resp: 603204

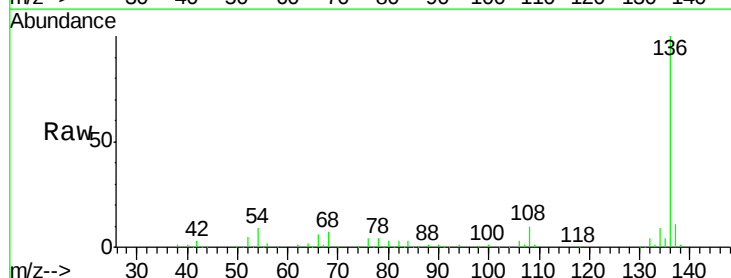
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 9.2 6.6 9.8

68 6.7 5.0 7.4

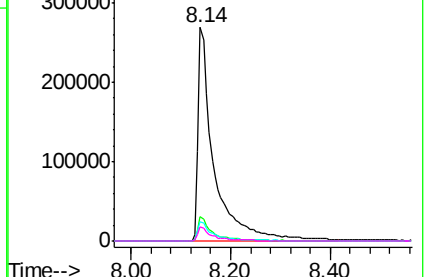
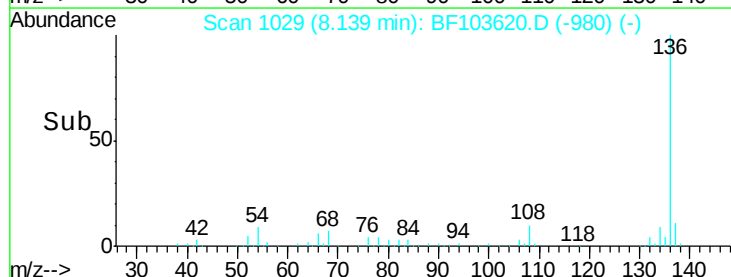


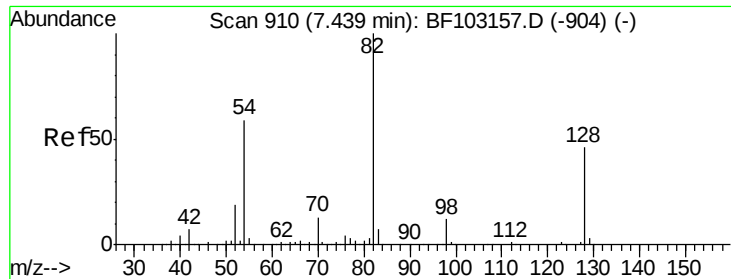
Abundance Ion 136.00 (135.70 to 136.70): E

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: 68.376 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF103620.D

Acq: 13 Mar 2018 22:22

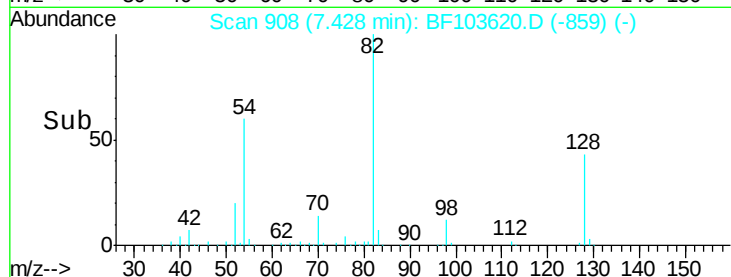
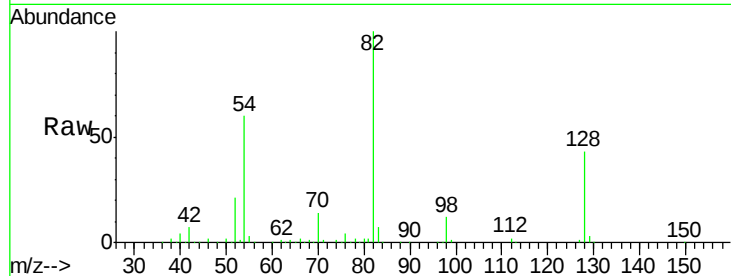
Tot Ion: 82 Resp: 722214

Ion Ratio Lower Upper

82 100

128 43.4 36.1 54.1

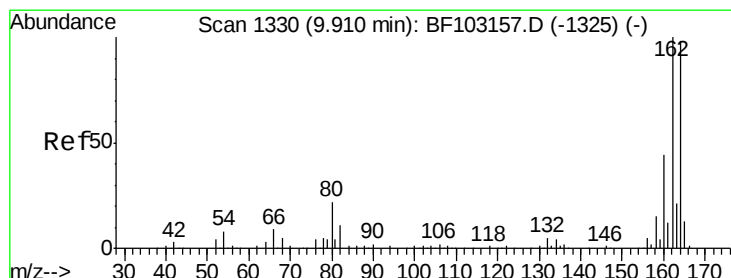
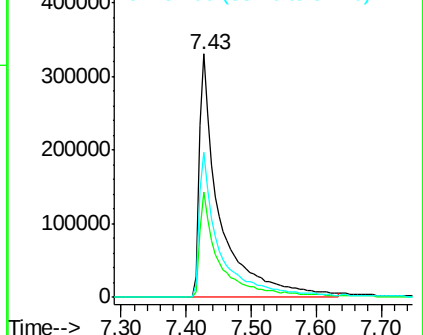
54 59.8 41.4 62.2



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. -0.01 min

Lab File: BF103620.D

Acq: 13 Mar 2018 22:22

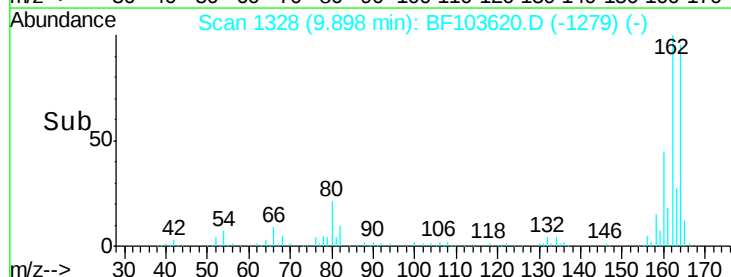
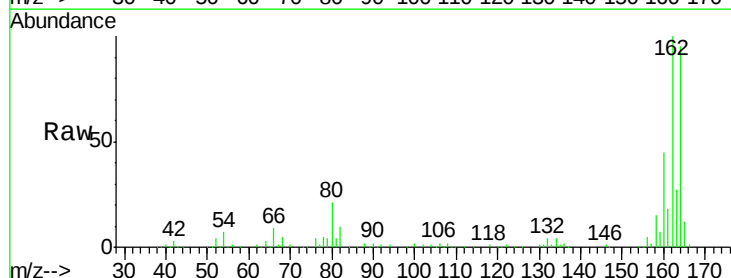
Tgt Ion:164 Resp: 272624

Ion Ratio Lower Upper

164 100

162 105.0 86.1 129.1

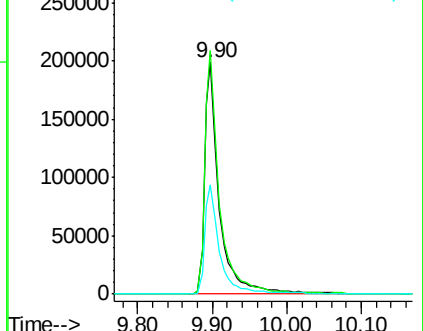
160 47.1 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

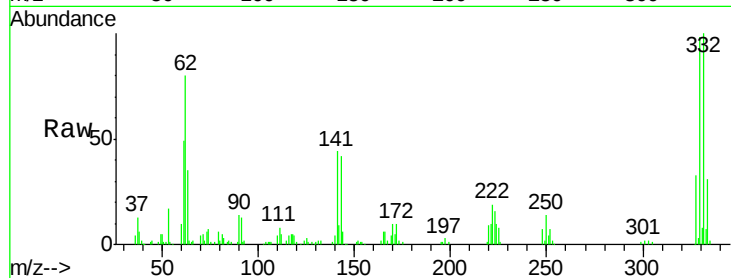
Ion 160.00 (159.70 to 160.70): BF1



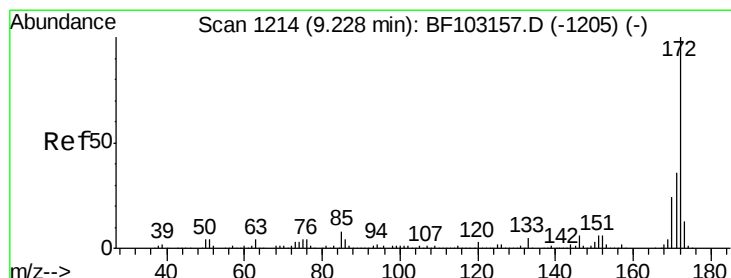
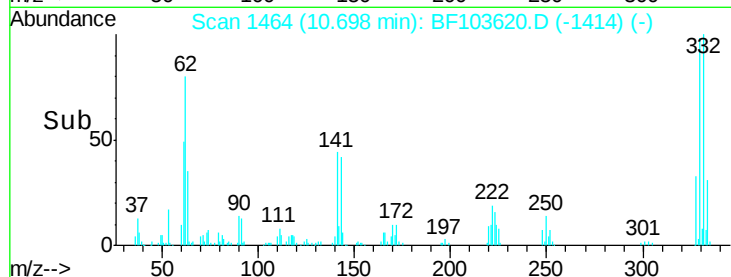
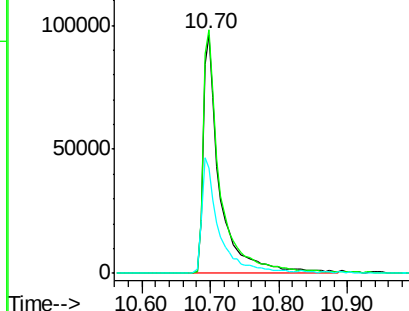


#41
 2,4,6-Tribromophenol
 Concen: 72.028 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BF103620.D
 Acq: 13 Mar 2018 22:22

Tot Ion:330 Resp: 166212
 Ion Ratio Lower Upper
 330 100
 332 101.8 77.0 115.6
 141 50.9 29.9 44.9#

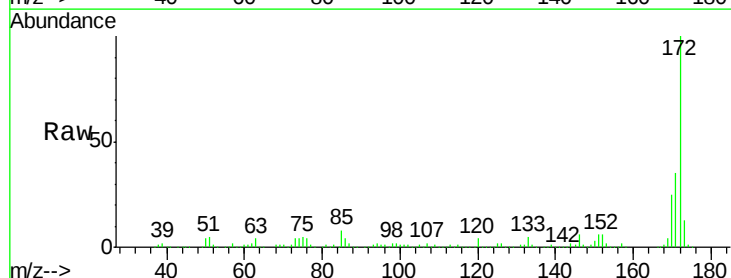


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

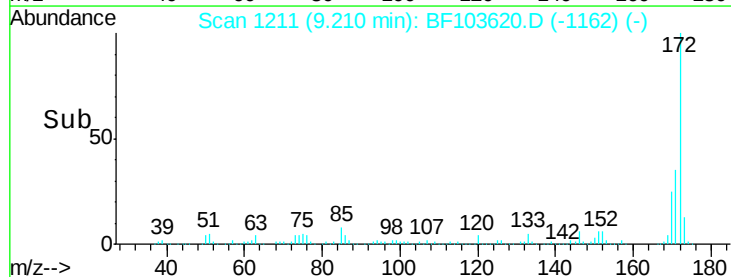
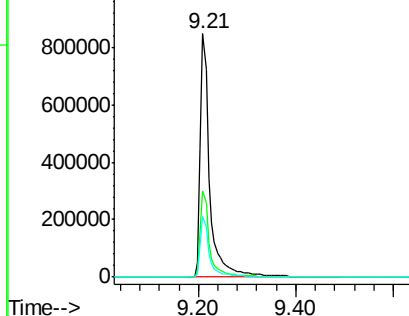


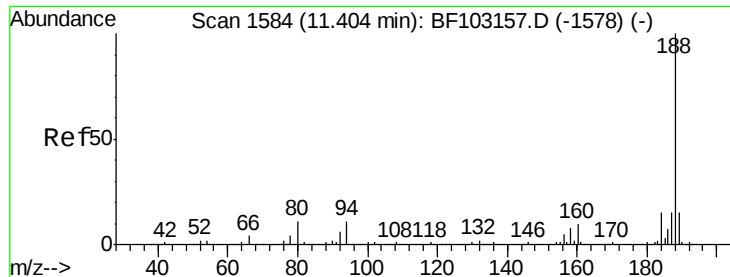
#44
 2-Fluorobiphenyl
 Concen: 70.076 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF103620.D
 Acq: 13 Mar 2018 22:22

Tgt Ion:172 Resp: 1156904
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.7 44.5
 170 24.8 19.6 29.4



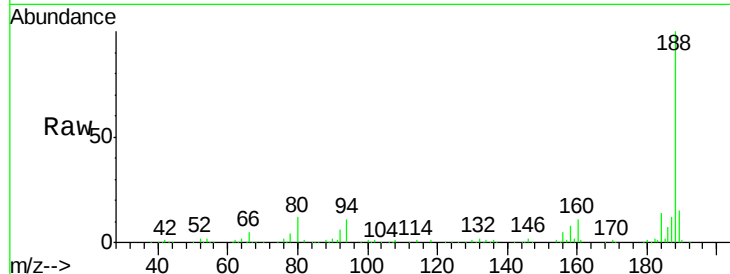
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



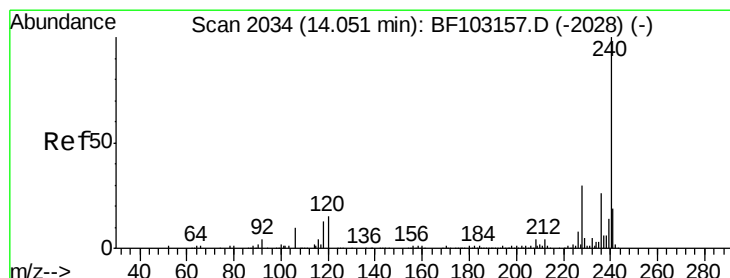
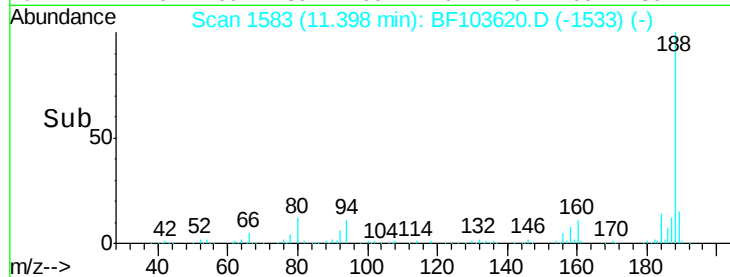
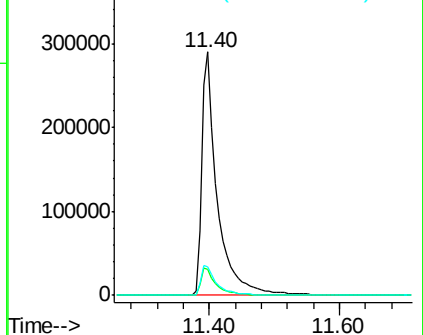


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF103620.D
Acq: 13 Mar 2018 22:22

Tot Ion:188 Resp: 476262
Ion Ratio Lower Upper
188 100
94 10.8 8.5 12.7
80 11.7 9.2 13.8

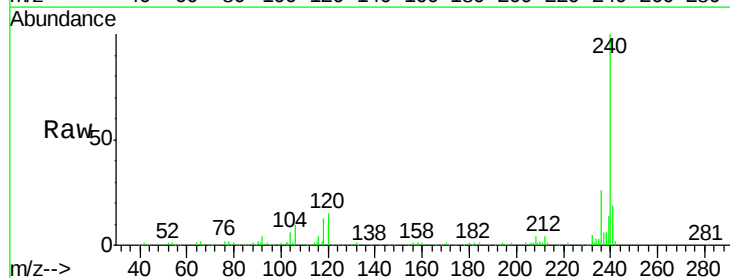


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

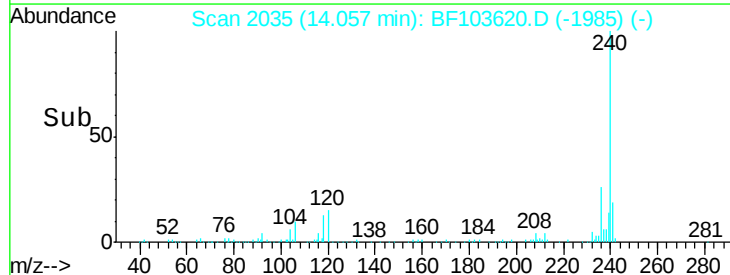
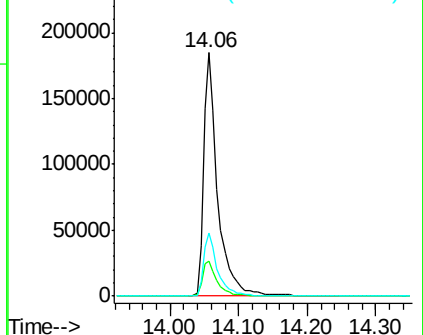


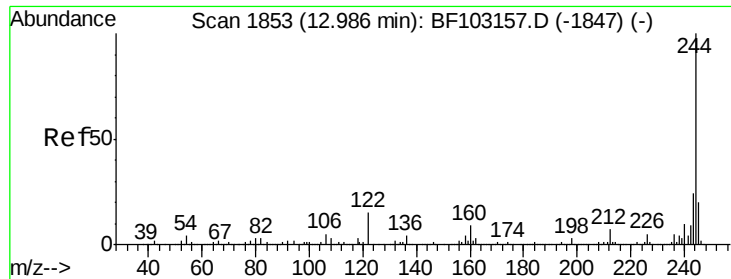
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF103620.D
Acq: 13 Mar 2018 22:22

Tgt Ion:240 Resp: 267051
Ion Ratio Lower Upper
240 100
120 14.5 9.5 14.3#
236 25.8 20.7 31.1



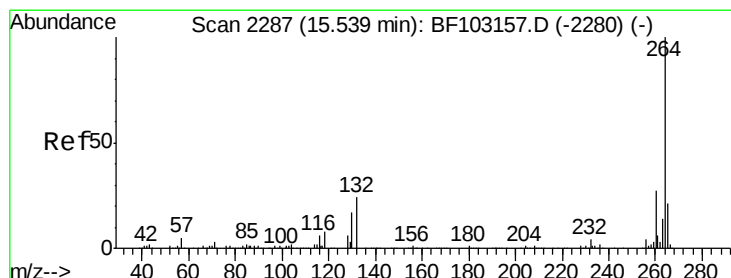
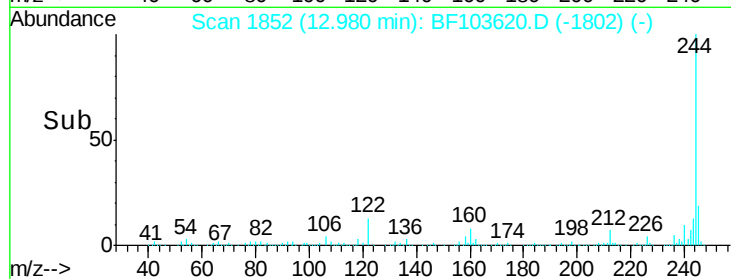
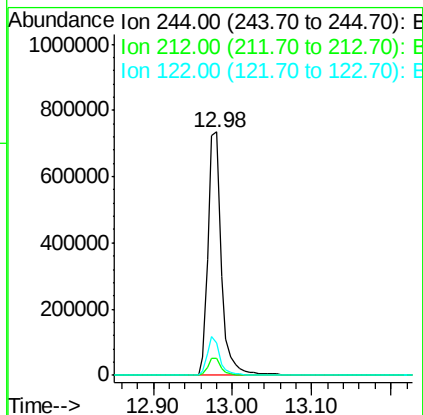
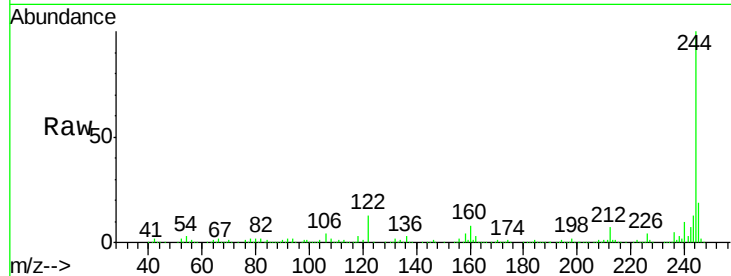
Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#78
 Terphenyl-d14
 Concen: 78.158 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.01 min
 Lab File: BF103620.D
 Acq: 13 Mar 2018 22:22

Tot Ion:244 Resp: 868276
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 13.4 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: BF103620.D
 Acq: 13 Mar 2018 22:22

Tgt Ion:264 Resp: 238560
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.2 28.8
 265 21.2 17.5 26.3

