

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031318\
 Data File : BF103613.D
 Acq On : 13 Mar 2018 19:15
 Operator : SJ/JU
 Sample : J1776-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Mar 13 22:40:02 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

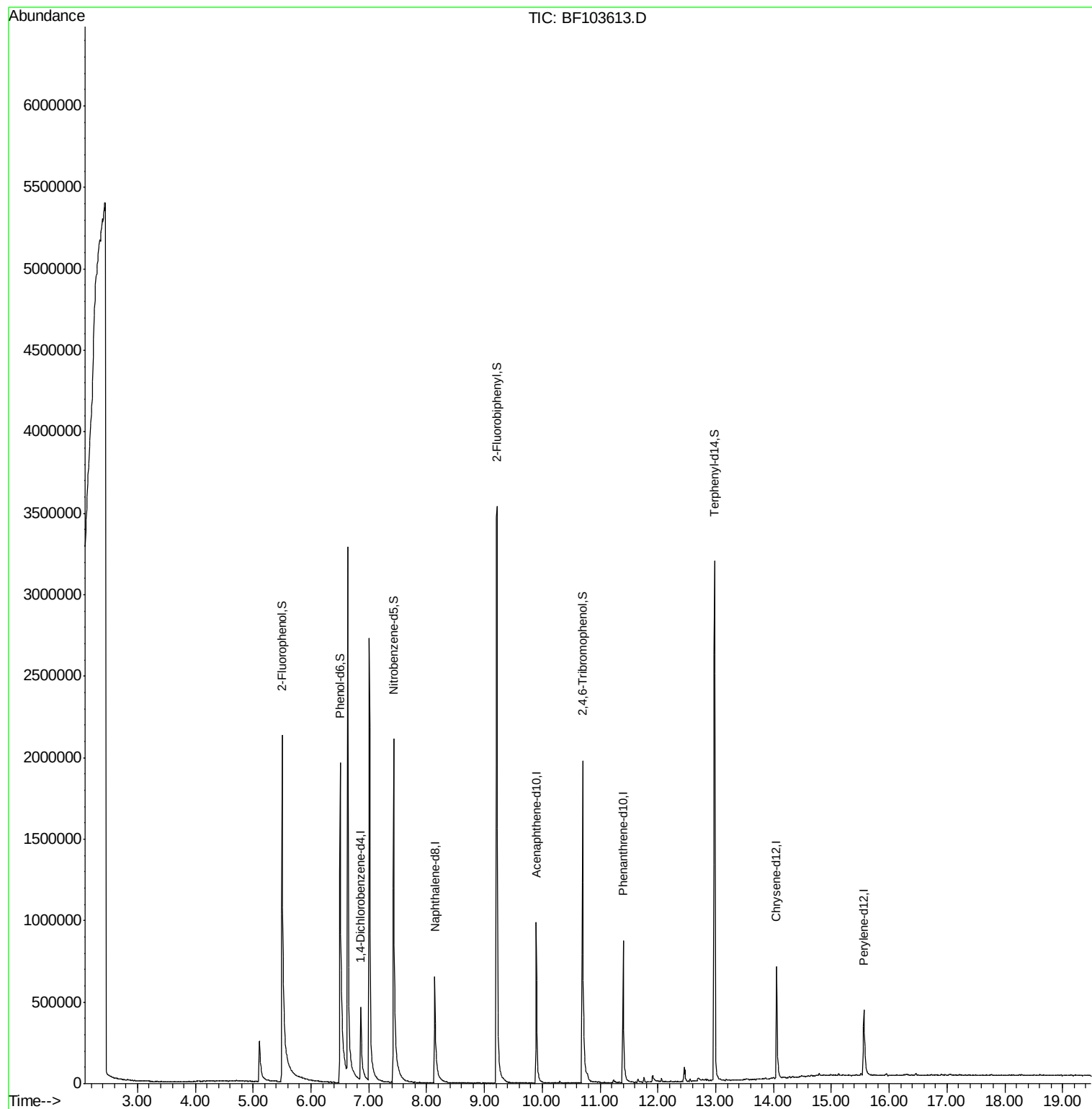
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	132605	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	598221	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	264046	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	498372	20.00	ng	0.00
75) Chrysene-d12	14.05	240	318628	20.00	ng	-0.01
86) Perylene-d12	15.56	264	263610	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1206091	137.56	ng	0.01
7) Phenol-d6	6.50	99	1245870	116.13	ng	0.00
23) Nitrobenzene-d5	7.43	82	1125706	107.46	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	301450	134.88	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1599053	112.66	ng	0.00
78) Terphenyl-d14	12.98	244	1322973	99.81	ng	0.00

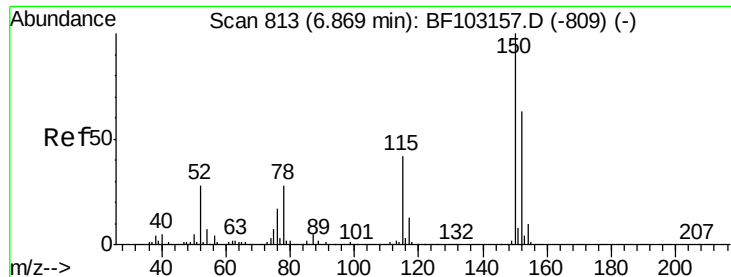
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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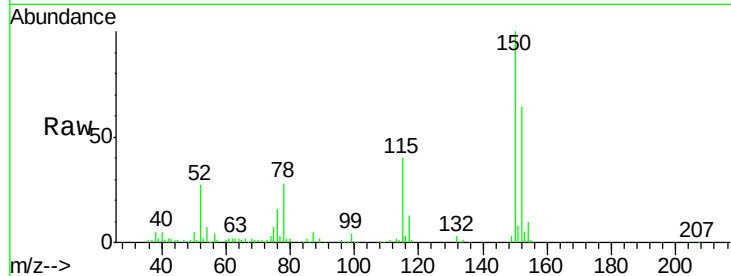




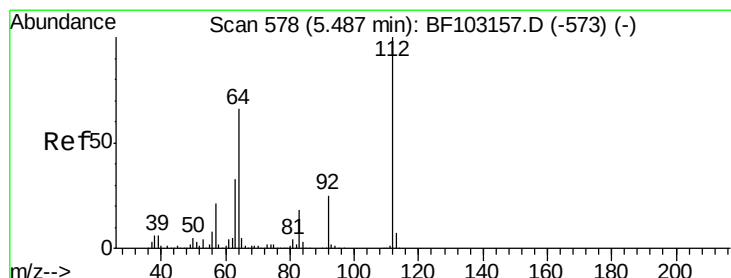
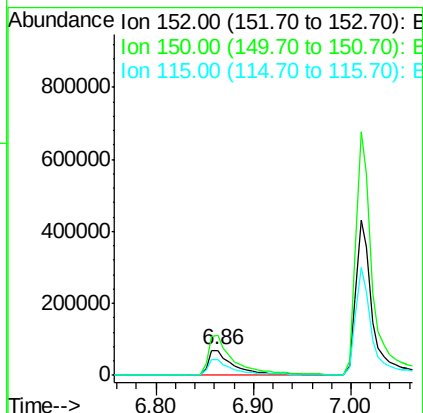
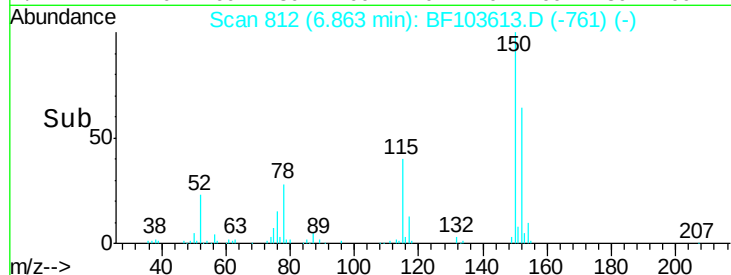
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF103613.D
Acq: 13 Mar 2018 19:15

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	124.6	186.8
115	62.2	50.1	75.1



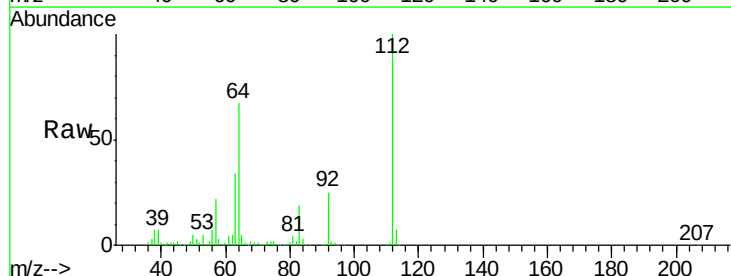
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



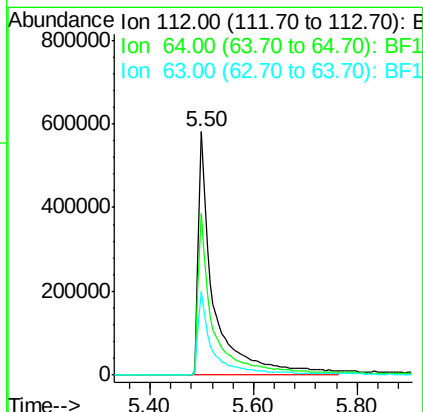
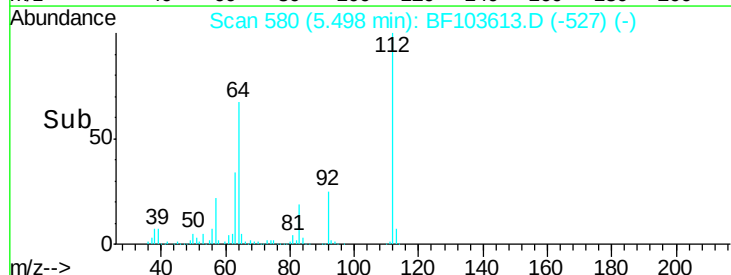
#5

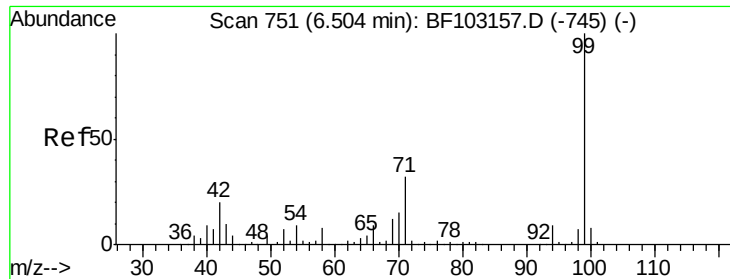
2-Fluorophenol
Concen: 137.561 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF103613.D
Acq: 13 Mar 2018 19:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.6	47.9	71.9
63	34.3	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: 116.126 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF103613.D

Acq: 13 Mar 2018 19:15

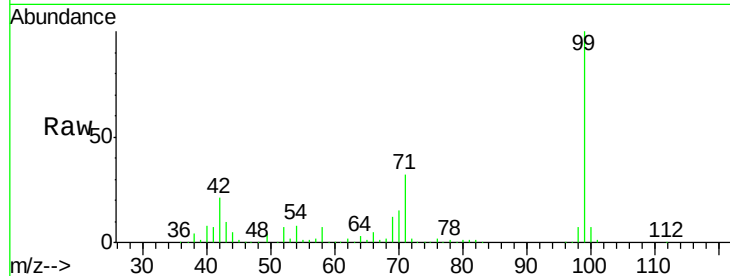
Tot Ion: 99 Resp: 1245870

Ion Ratio Lower Upper

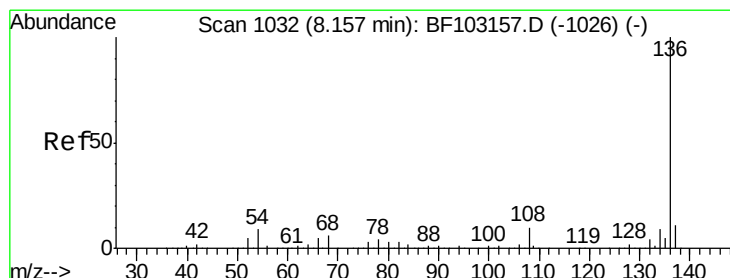
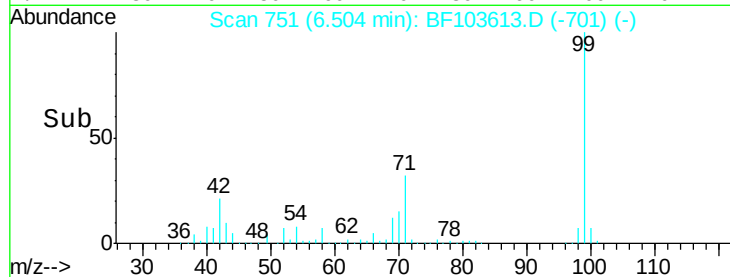
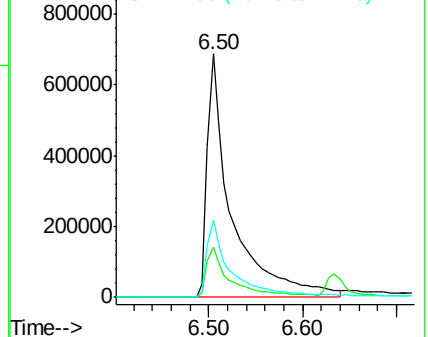
99 100

42 20.7 14.5 21.7

71 32.0 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: BF103613.D

Acq: 13 Mar 2018 19:15

Tgt Ion: 136 Resp: 598221

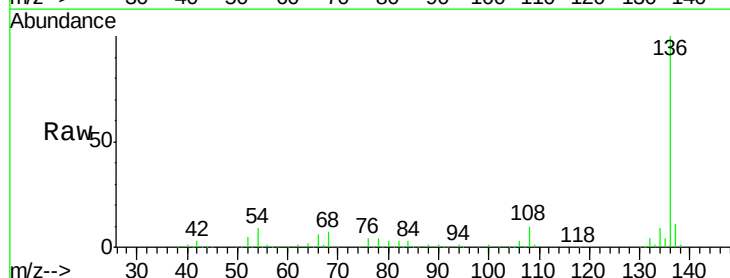
Ion Ratio Lower Upper

136 100

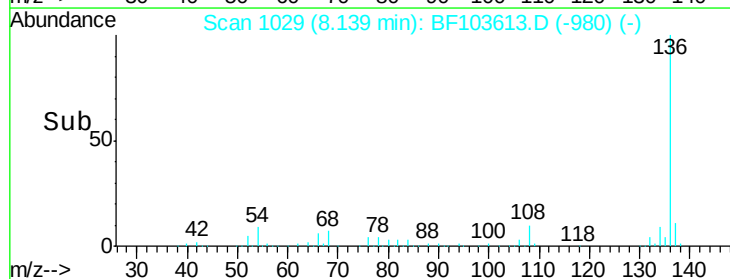
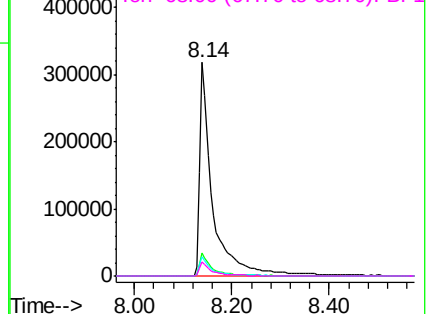
137 10.6 8.9 13.3

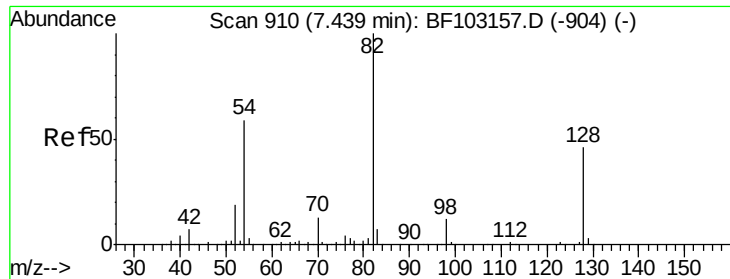
54 9.3 6.6 9.8

68 6.6 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: 107.464 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF103613.D

Acq: 13 Mar 2018 19:15

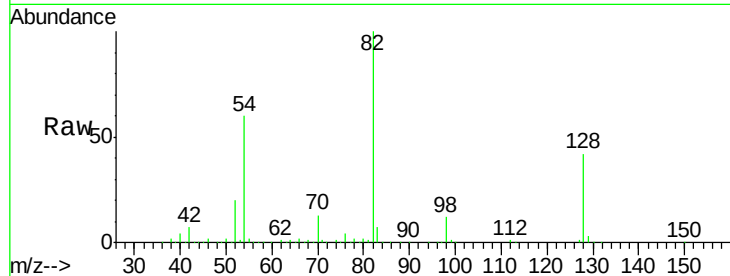
Tot Ion: 82 Resp: 1125706

Ion Ratio Lower Upper

82 100

128 42.4 36.1 54.1

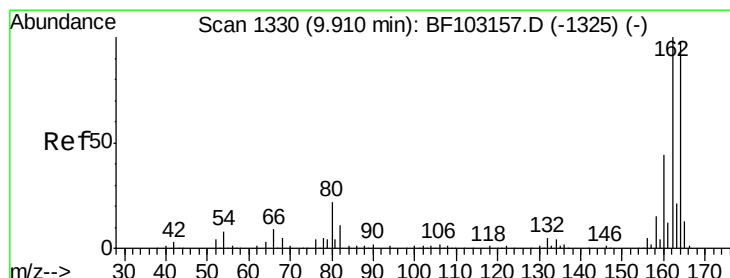
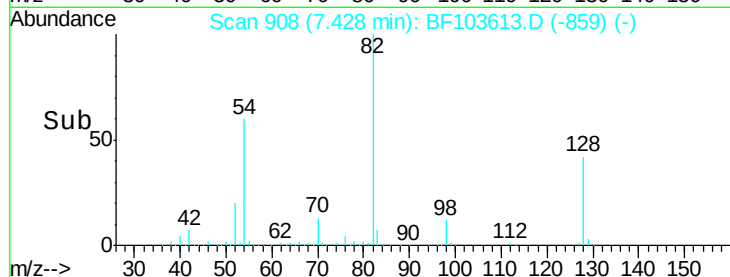
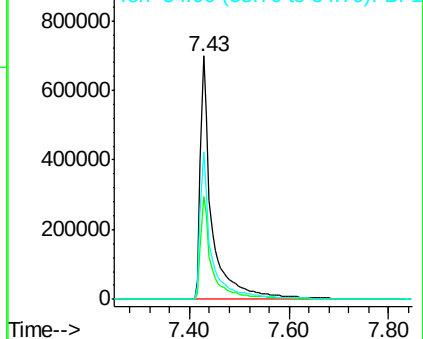
54 60.4 41.4 62.2



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: BF103613.D

Acq: 13 Mar 2018 19:15

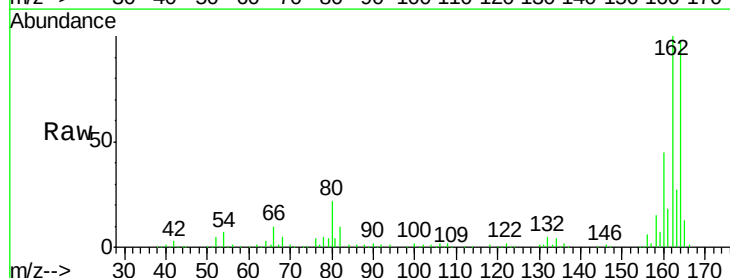
Tgt Ion:164 Resp: 264046

Ion Ratio Lower Upper

164 100

162 102.3 86.1 129.1

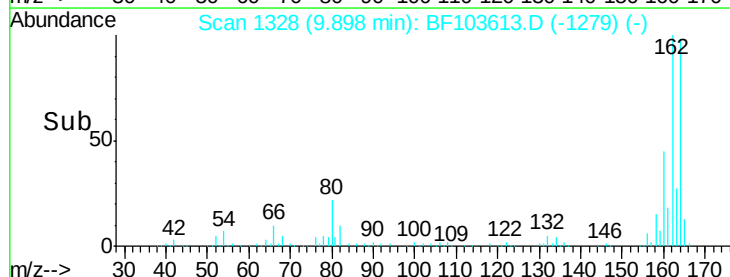
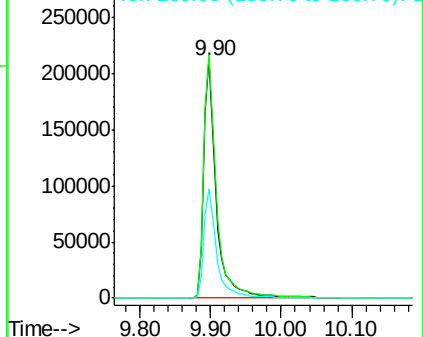
160 46.1 38.3 57.5

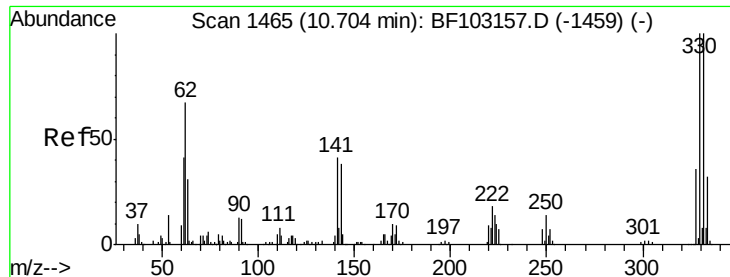


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

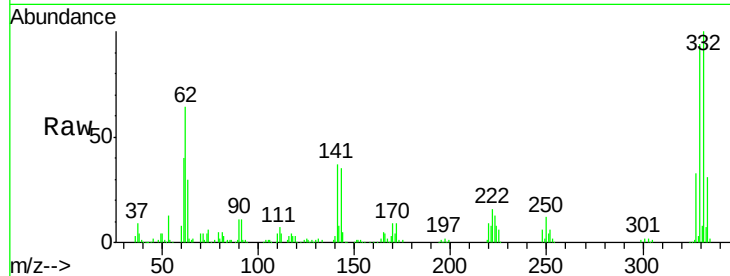
Ion 160.00 (159.70 to 160.70): E



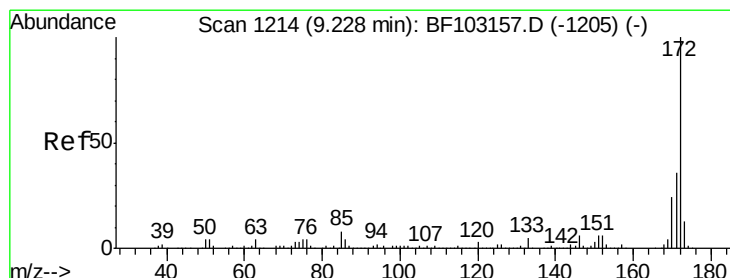
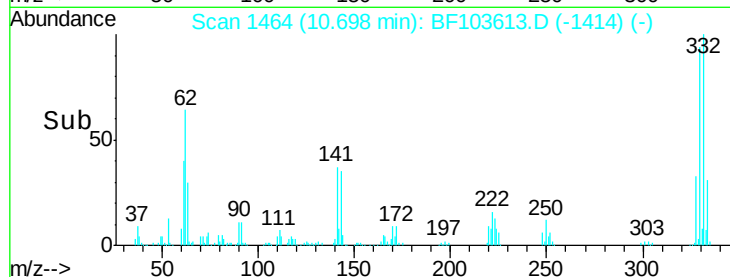
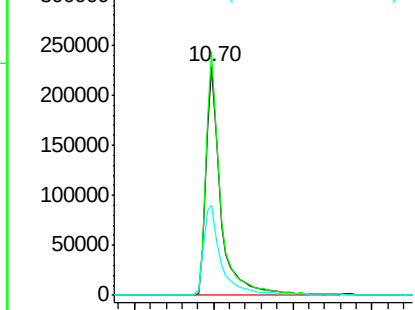


#41
 2,4,6-Tribromophenol
 Concen: 134.877 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BF103613.D
 Acq: 13 Mar 2018 19:15

Tot Ion	Ratio	Lower	Upper
330	100		
332	105.3	77.0	115.6
141	46.9	29.9	44.9

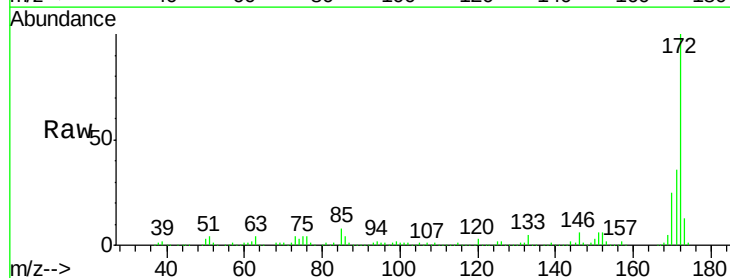


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

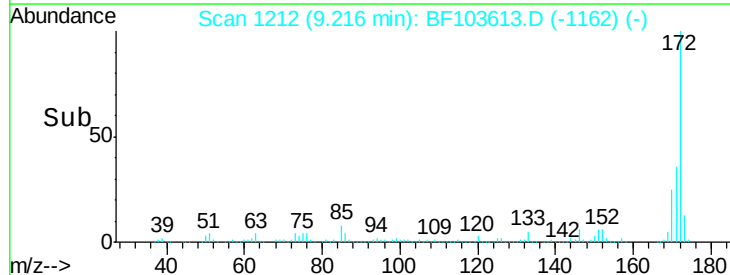
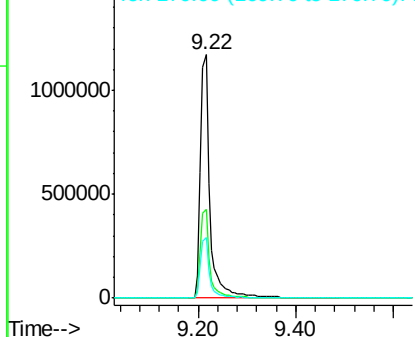


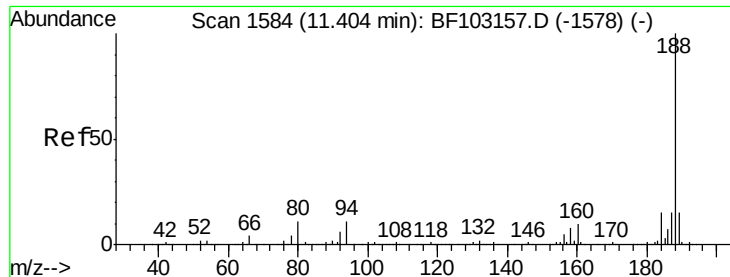
#44
 2-Fluorobiphenyl
 Concen: 112.659 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF103613.D
 Acq: 13 Mar 2018 19:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.8	19.6	29.4



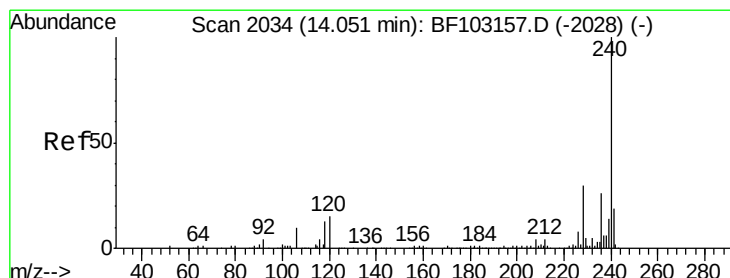
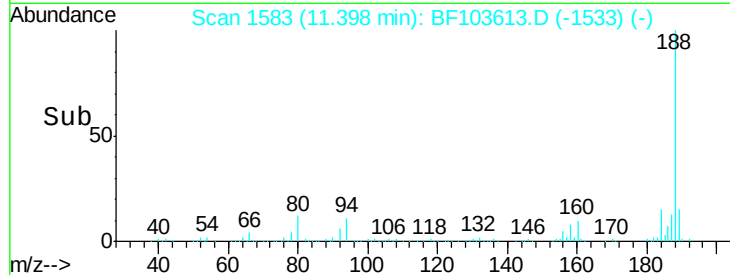
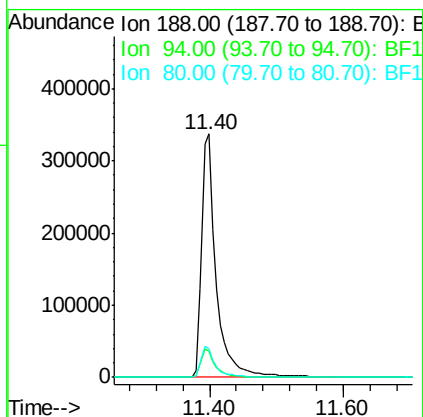
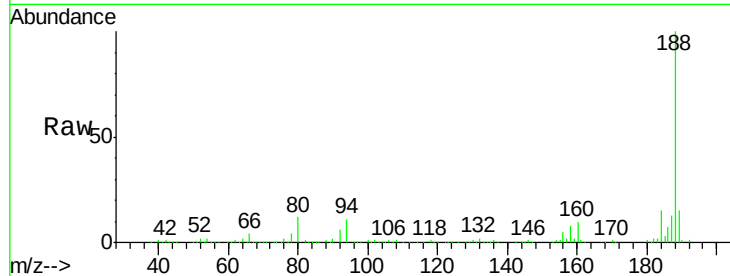
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





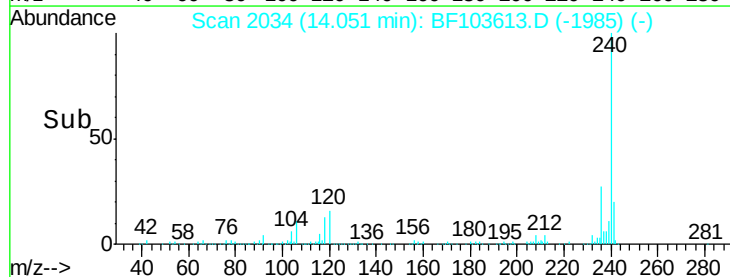
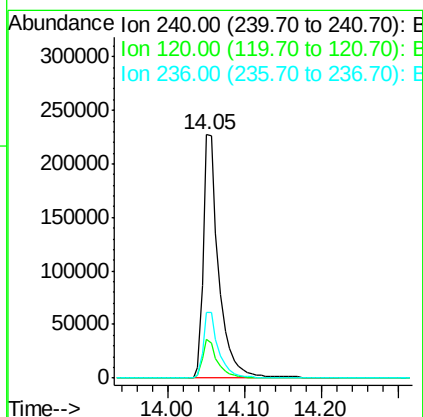
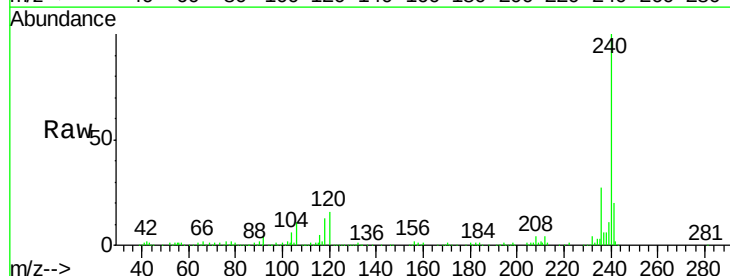
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF103613.D
Acq: 13 Mar 2018 19:15

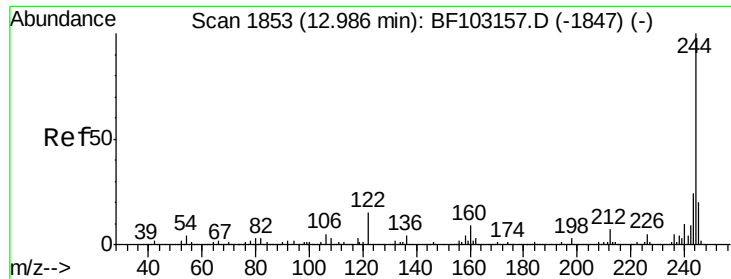
Tot Ion:188 Resp: 498372
Ion Ratio Lower Upper
188 100
94 10.9 8.5 12.7
80 11.6 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF103613.D
Acq: 13 Mar 2018 19:15

Tgt Ion:240 Resp: 318628
Ion Ratio Lower Upper
240 100
120 16.1 9.5 14.3#
236 27.1 20.7 31.1

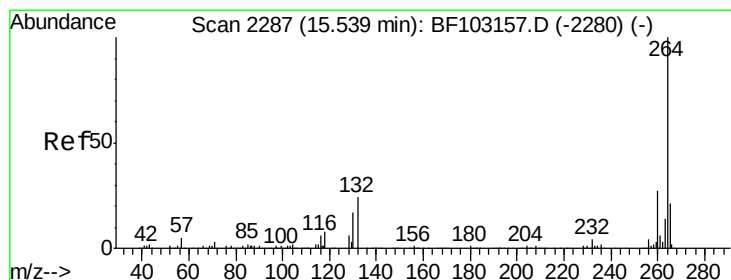
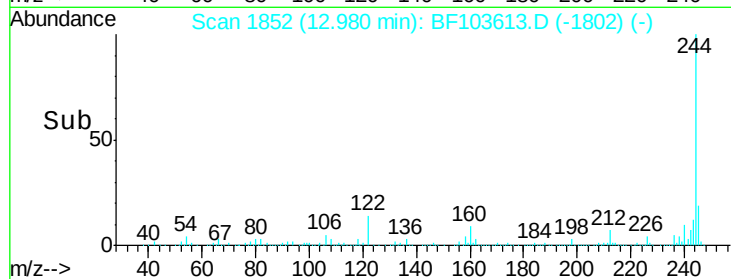
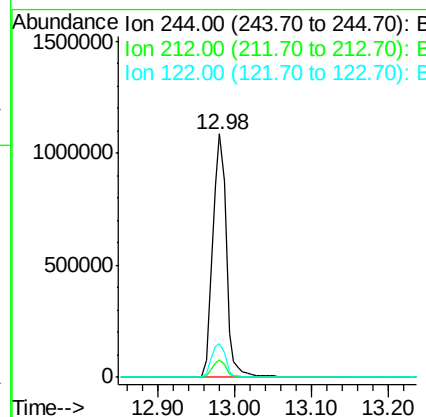
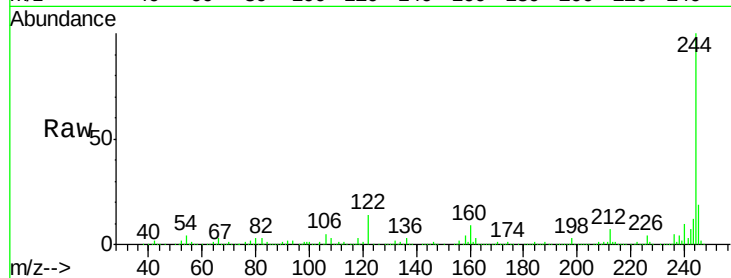




#78
 Terphenyl-d14
 Concen: 99.811 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.01 min
 Lab File: BF103613.D
 Acq: 13 Mar 2018 19:15

Tot Ion:244 Resp: 1322973

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	13.8	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: BF103613.D
 Acq: 13 Mar 2018 19:15

Tgt Ion:264 Resp: 263610

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	19.9	17.5	26.3

