

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031318\
 Data File : BF103607.D
 Acq On : 13 Mar 2018 16:35
 Operator : SJ/JU
 Sample : J1753-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

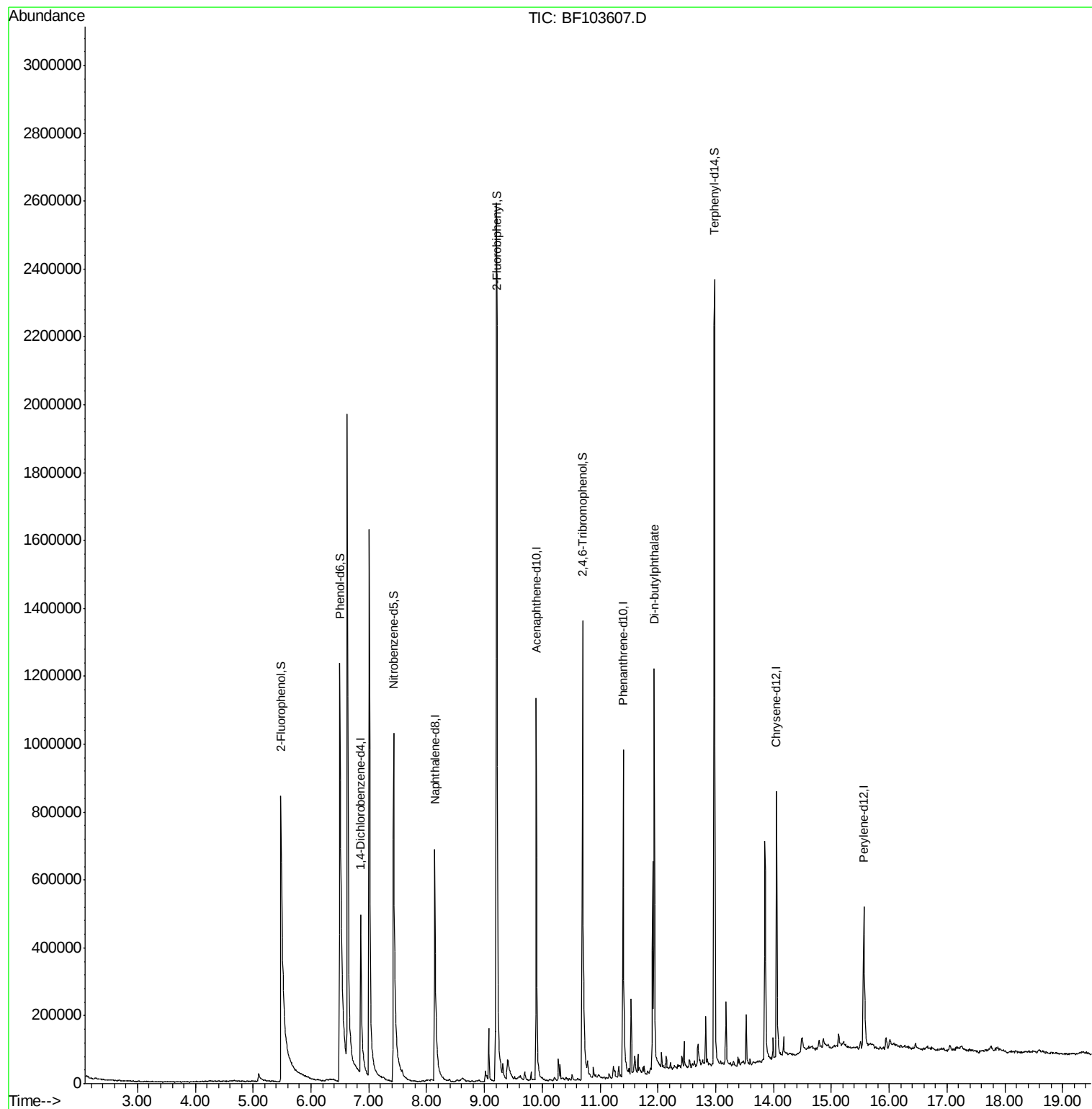
Quant Time: Mar 13 22:11:37 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 09 11:47:13 2018
 Response via : Initial Calibration

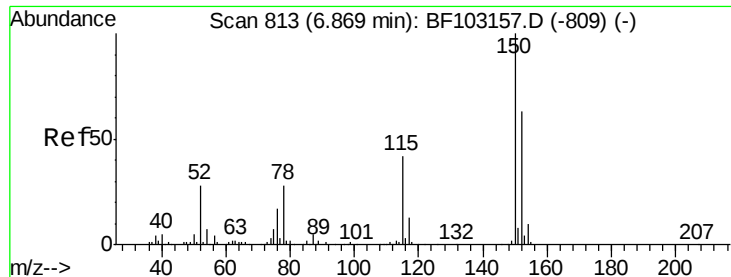
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	132639	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	587160	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	261361	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	473548	20.00	ng	0.00
75) Chrysene-d12	14.05	240	320824	20.00	ng	-0.01
86) Perylene-d12	15.56	264	255421	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	674536	76.91	ng	0.00
7) Phenol-d6	6.50	99	1066523	99.38	ng	-0.01
23) Nitrobenzene-d5	7.43	82	672126	65.37	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	192070	86.82	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1045207	65.09	ng	-0.01
78) Terphenyl-d14	12.98	244	856171	64.15	ng	0.00
Target Compounds						Qvalue
73) Di-n-butylphthalate	11.94	149	606091	18.201	ng	99

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

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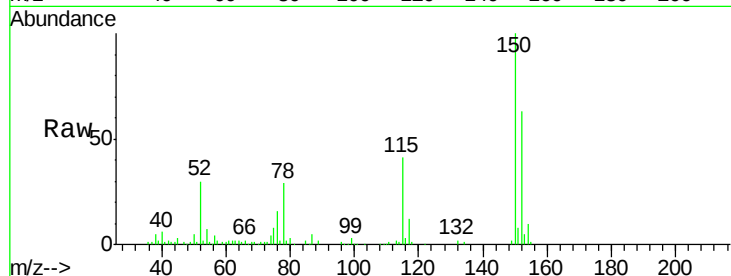




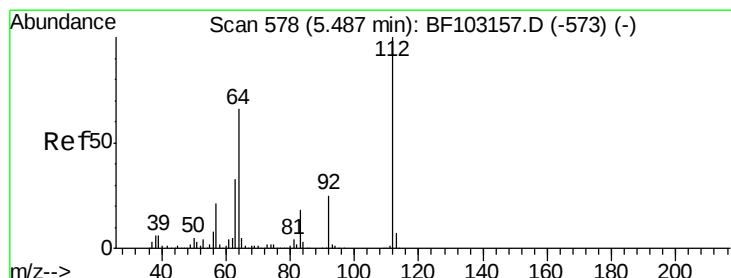
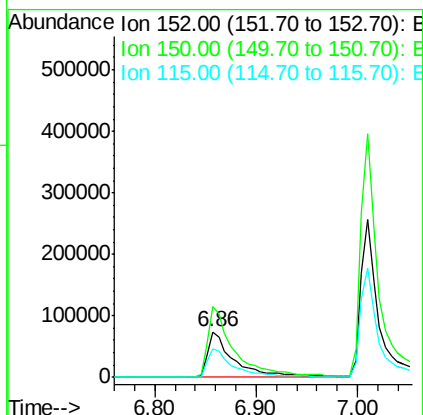
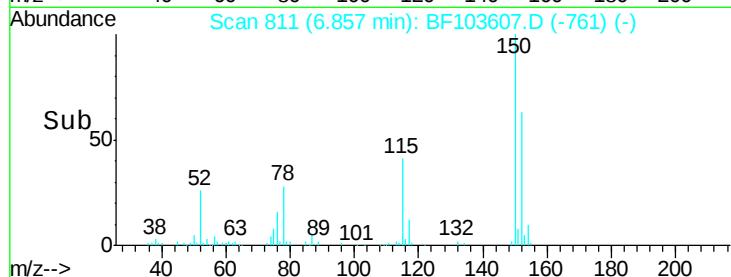
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF103607.D
Acq: 13 Mar 2018 16:35

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	124.6	186.8
115	63.9	50.1	75.1



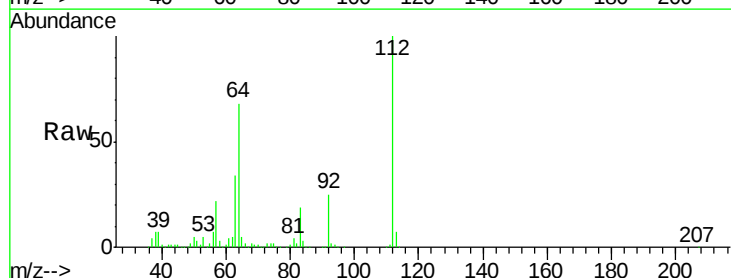
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



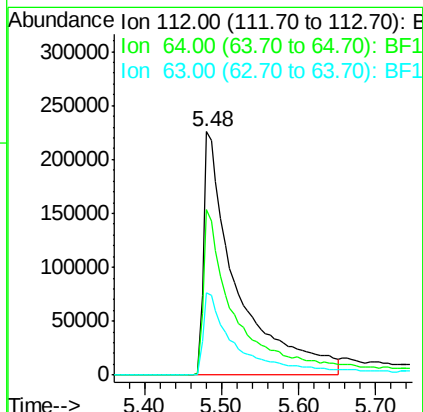
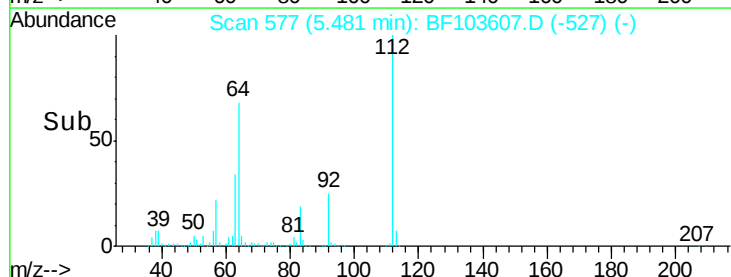
#5

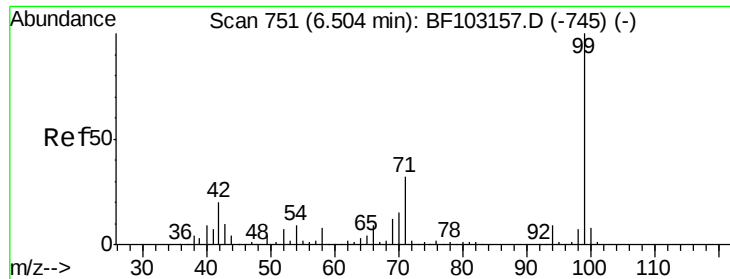
2-Fluorophenol
Concen: 76.915 ng
RT: 5.48 min Scan# 577
Delta R.T. -0.01 min
Lab File: BF103607.D
Acq: 13 Mar 2018 16:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.2	47.9	71.9
63	34.0	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: 99.384 ng

RT: 6.50 min Scan# 750

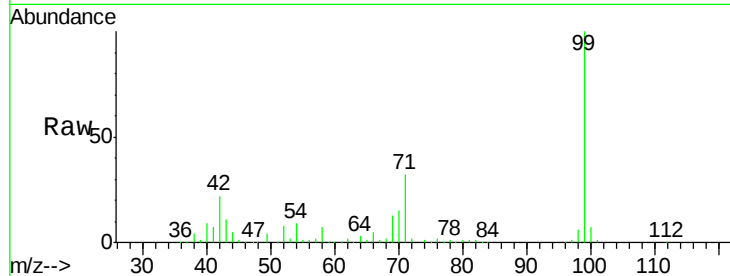
Delta R.T. -0.01 min

Lab File: BF103607.D

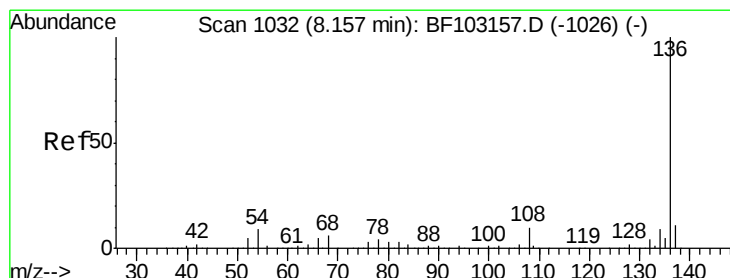
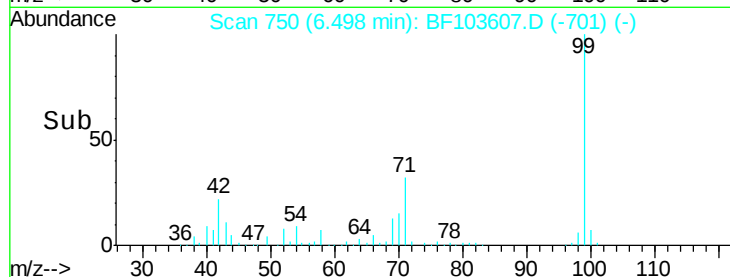
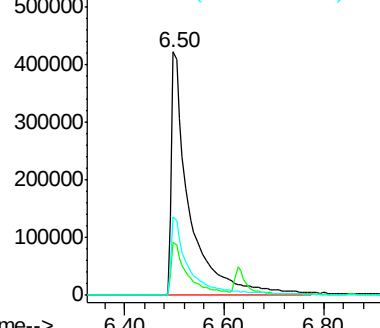
Acq: 13 Mar 2018 16:35

Tot Ion: 99 Resp: 1066523

Ion	Ratio	Lower	Upper
99	100		
42	21.8	14.5	21.7#
71	32.5	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

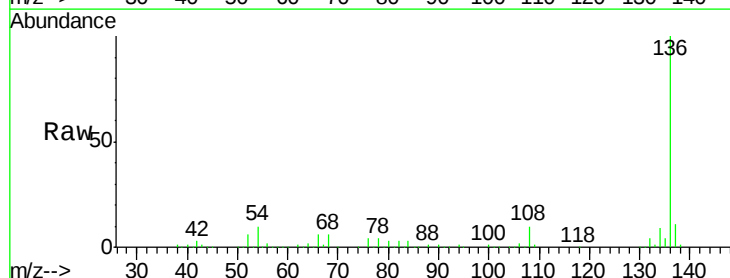
Delta R.T. -0.01 min

Lab File: BF103607.D

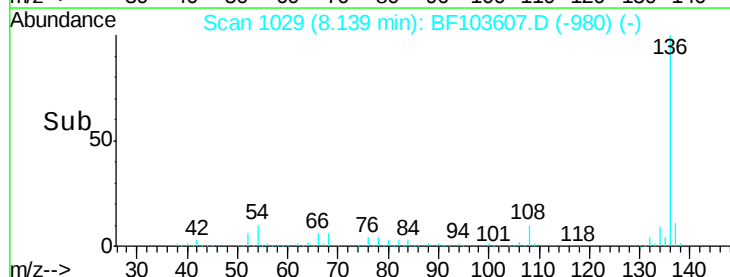
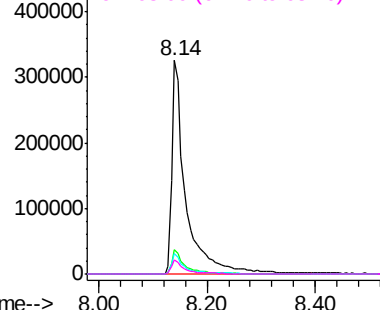
Acq: 13 Mar 2018 16:35

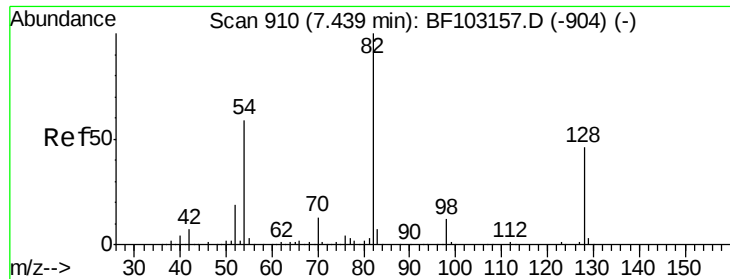
Tgt Ion: 136 Resp: 587160

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	9.7	6.6	9.8
68	6.5	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: 65.372 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF103607.D

Acq: 13 Mar 2018 16:35

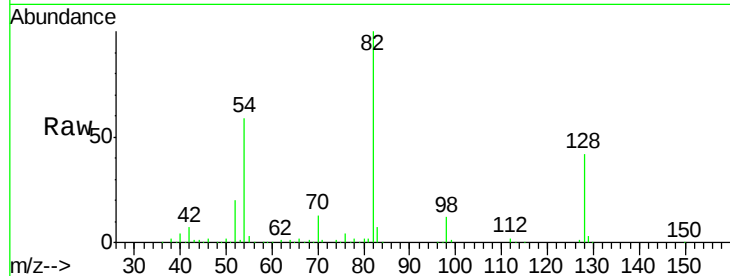
Tot Ion: 82 Resp: 672126

Ion Ratio Lower Upper

82 100

128 42.3 36.1 54.1

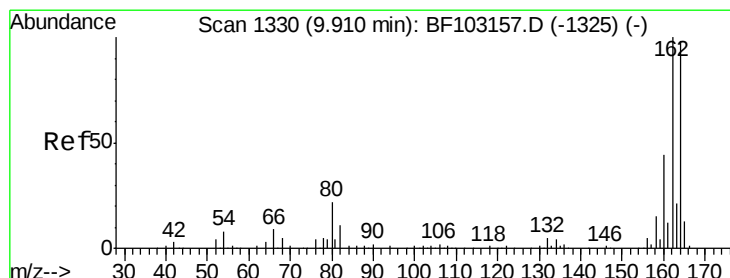
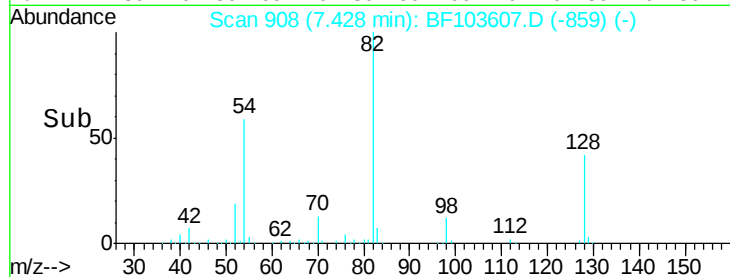
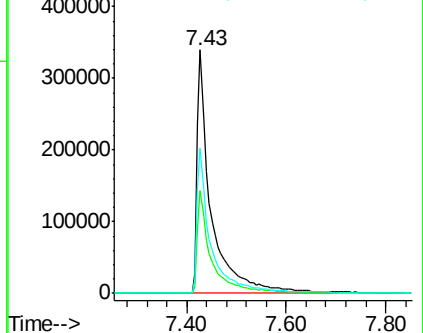
54 59.4 41.4 62.2



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: BF103607.D

Acq: 13 Mar 2018 16:35

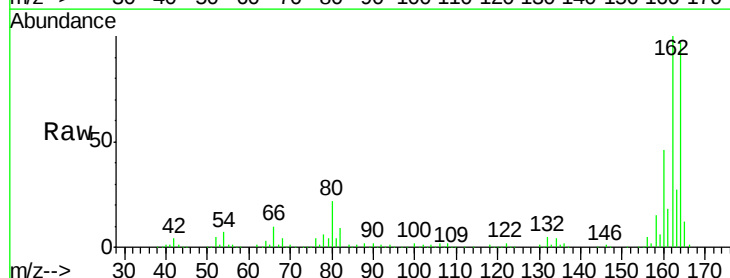
Tgt Ion:164 Resp: 261361

Ion Ratio Lower Upper

164 100

162 102.7 86.1 129.1

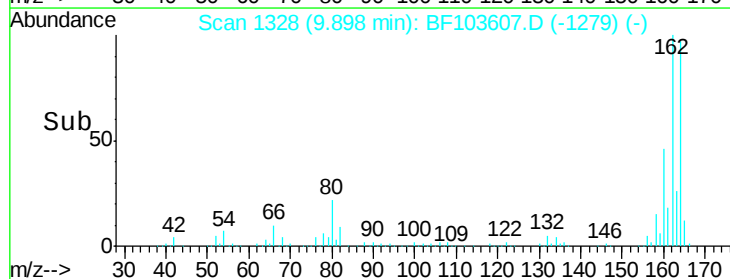
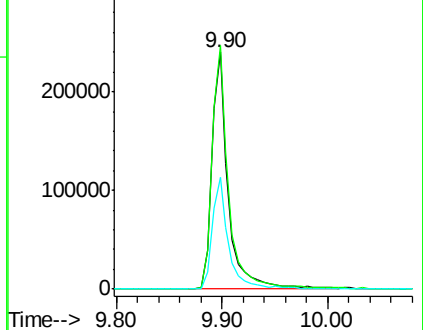
160 47.1 38.3 57.5

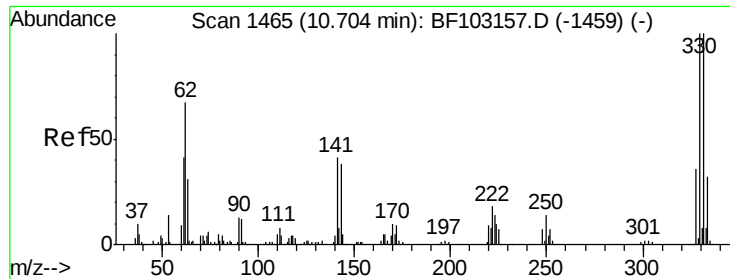


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

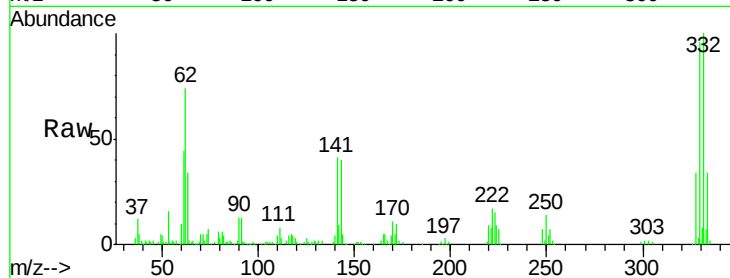
Ion 160.00 (159.70 to 160.70): BF1



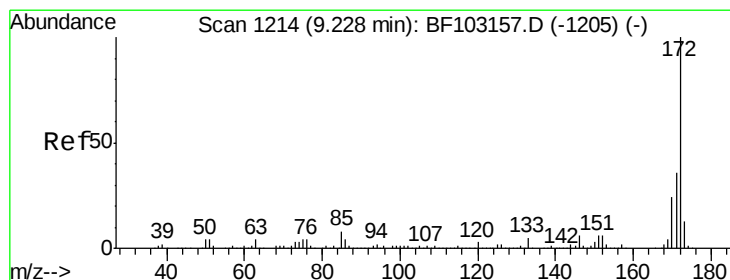
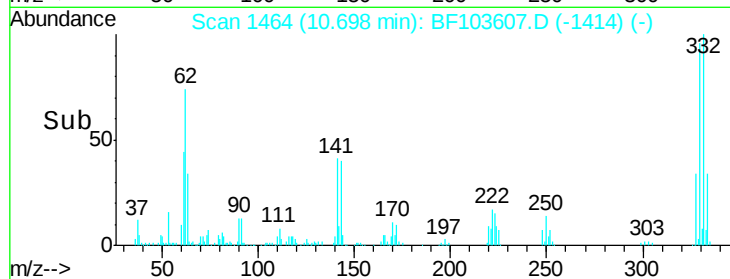
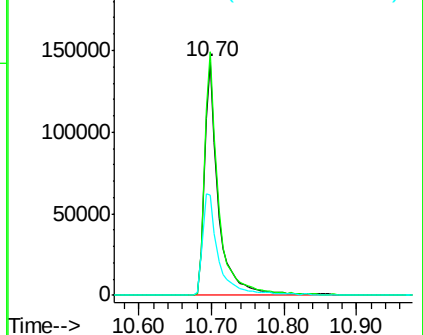


#41
 2,4,6-Tribromophenol
 Concen: 86.820 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BF103607.D
 Acq: 13 Mar 2018 16:35

Tot Ion	Ratio	Lower	Upper
330	100		
332	104.2	77.0	115.6
141	50.1	29.9	44.9

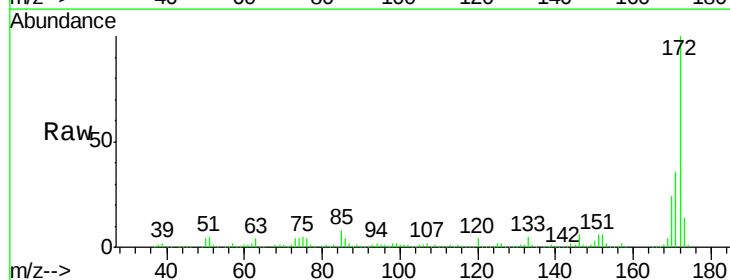


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

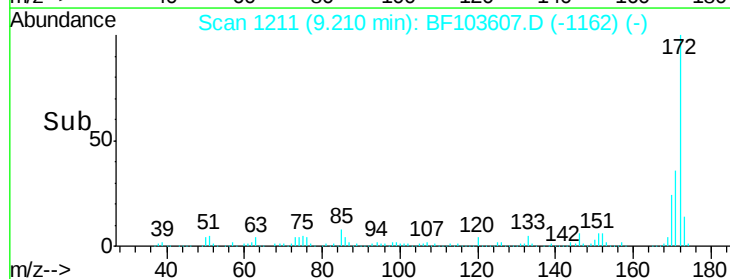
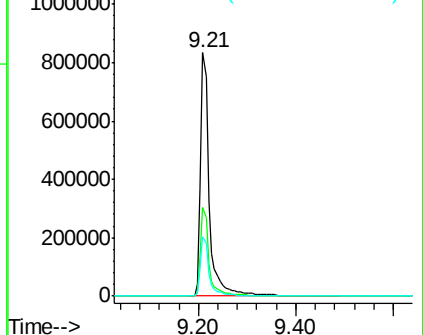


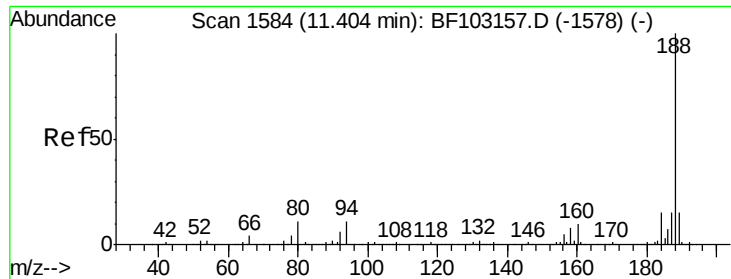
#44
 2-Fluorobiphenyl
 Concen: 65.091 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF103607.D
 Acq: 13 Mar 2018 16:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.4	19.6	29.4



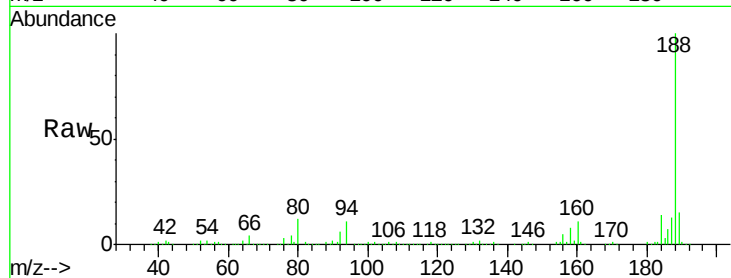
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.01 min
 Lab File: BF103607.D
 Acq: 13 Mar 2018 16:35

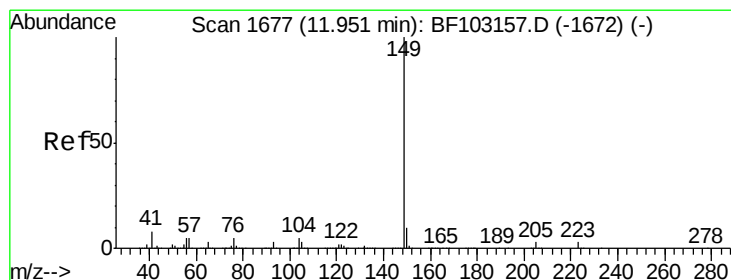
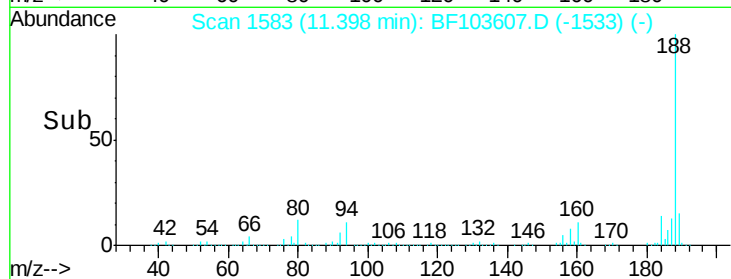
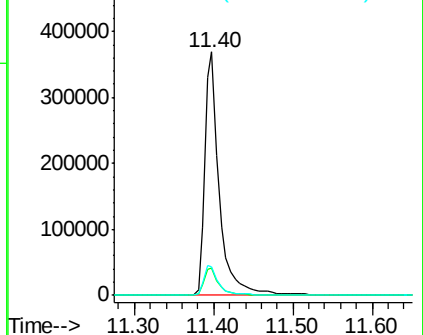
Tot Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.5	12.7
80	11.7	9.2	13.8



Abundance Ion 188.00 (187.70 to 188.70): E

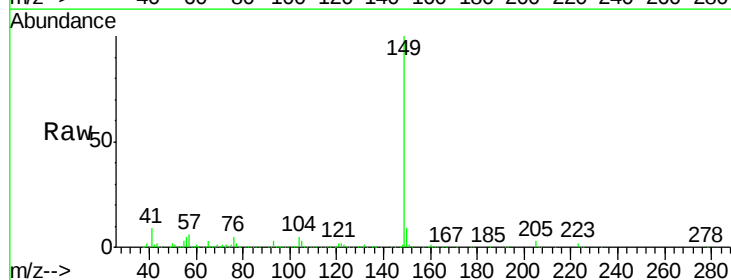
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#73
 Di-n-butylphthalate
 Concen: 18.201 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. -0.01 min
 Lab File: BF103607.D
 Acq: 13 Mar 2018 16:35

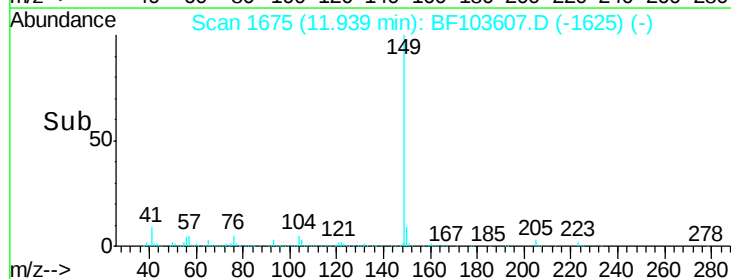
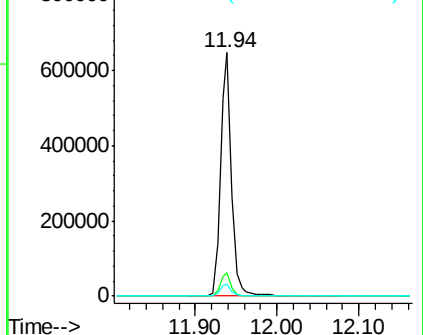
Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.8	11.6
104	4.8	3.8	5.8

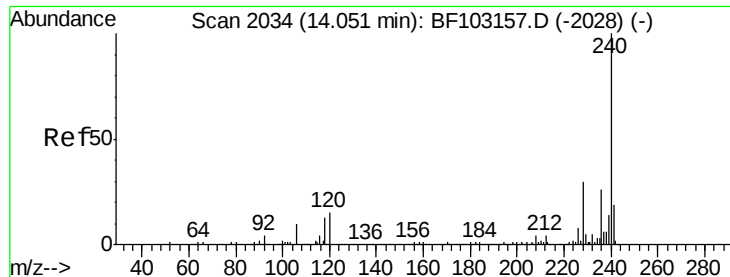


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF103607.D

Acq: 13 Mar 2018 16:35

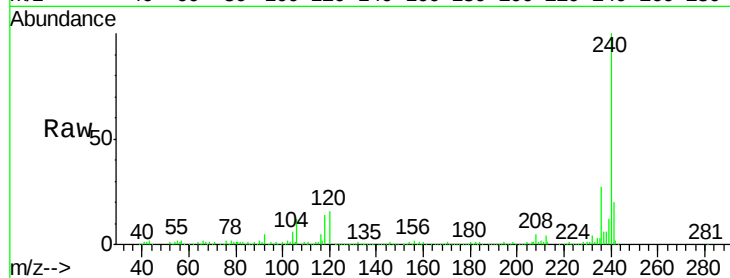
Tot Ion:240 Resp: 320824

Ion Ratio Lower Upper

240 100

120 16.4 9.5 14.3#

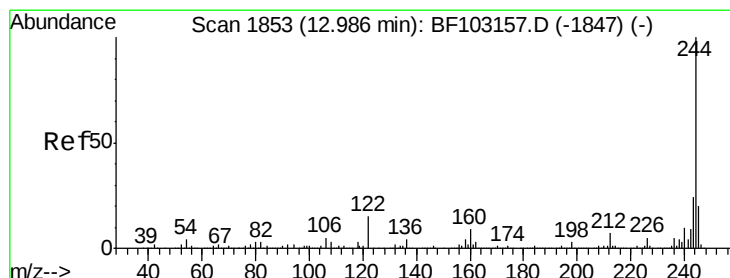
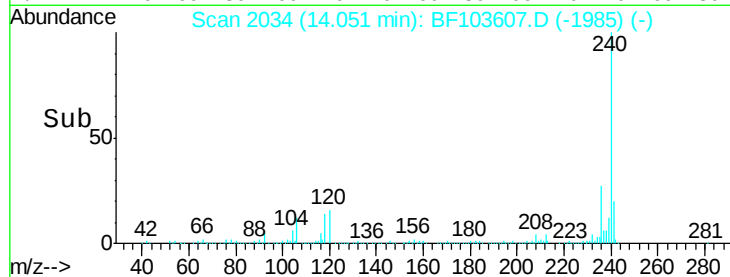
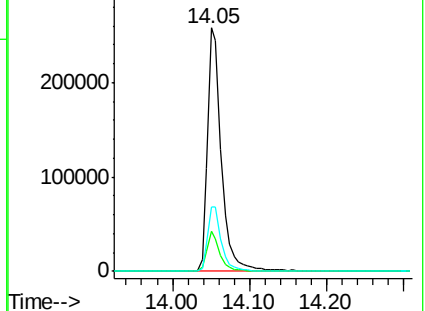
236 26.6 20.7 31.1



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: 64.151 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF103607.D

Acq: 13 Mar 2018 16:35

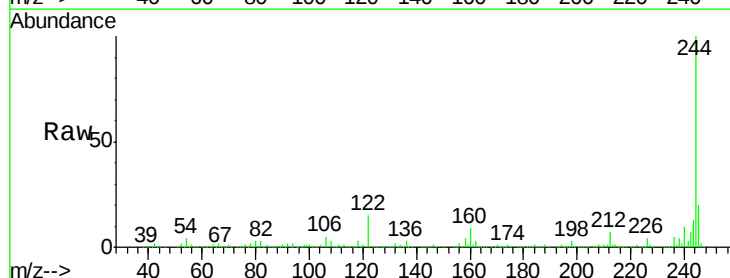
Tgt Ion:244 Resp: 856171

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

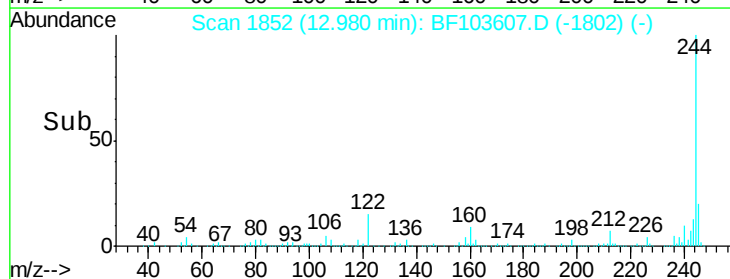
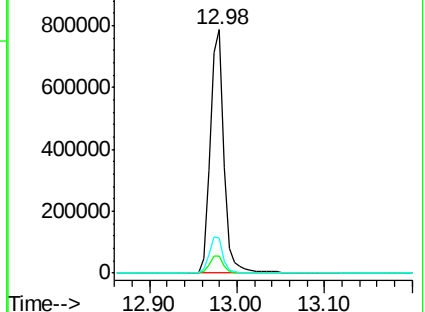
122 14.5 11.0 16.4

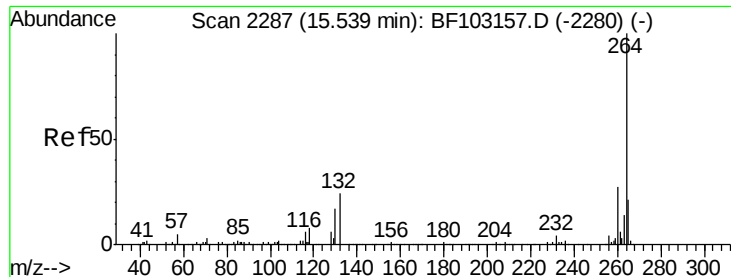


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

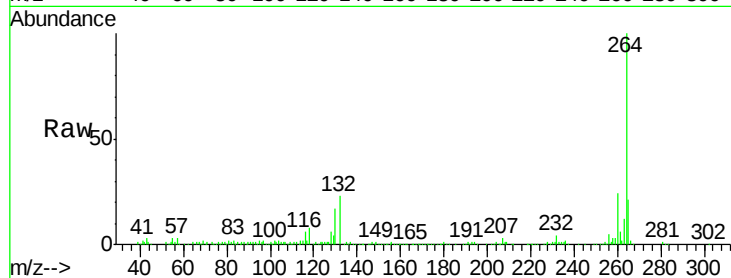
Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BF103607.D
Acq: 13 Mar 2018 16:35

Tot Ion:	264	Resp:	255421
Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.0	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

