

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031318\
 Data File : BF103602.D
 Acq On : 13 Mar 2018 14:21
 Operator : SJ/JU
 Sample : PB107288BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 13 15:05:04 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

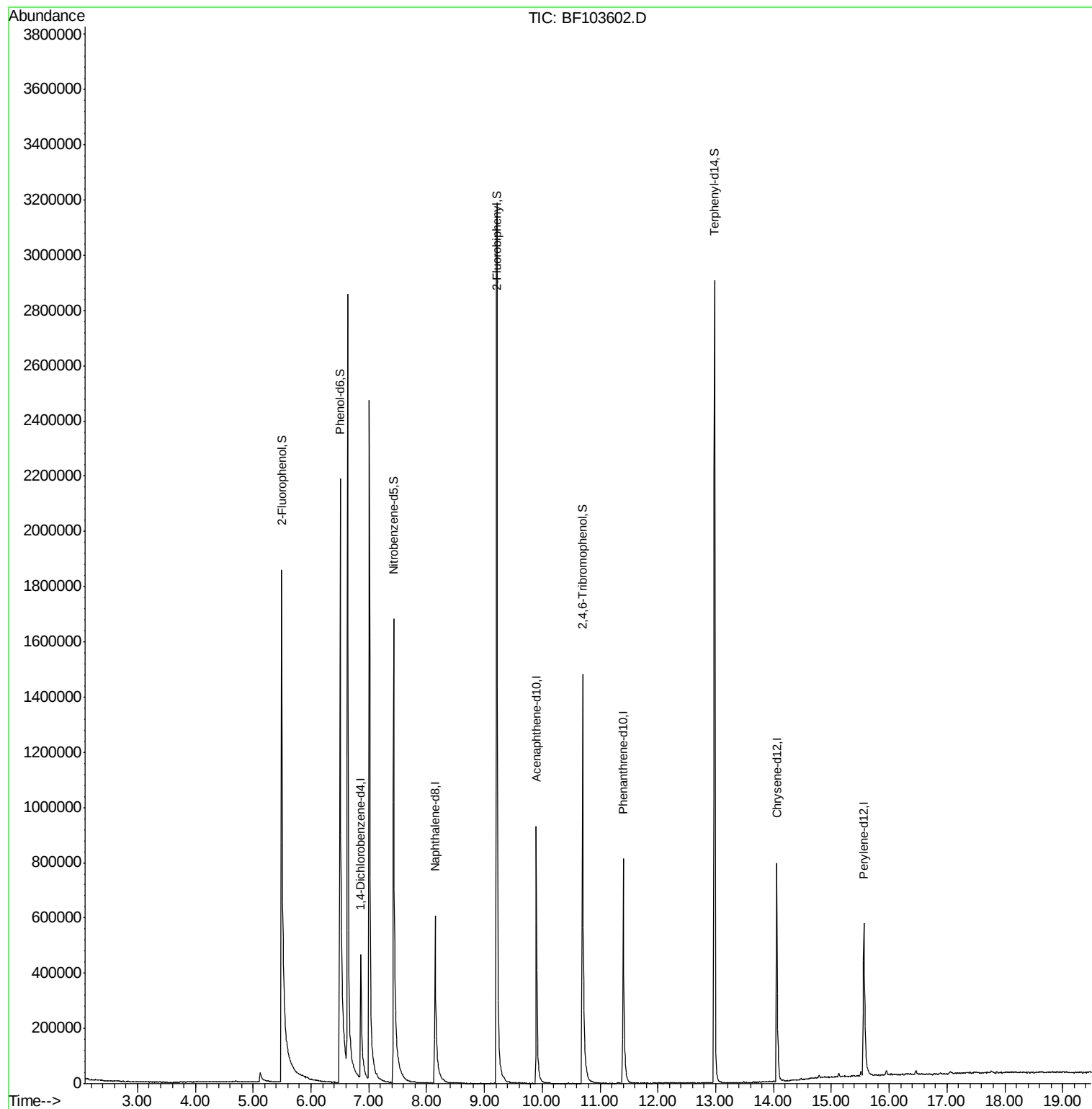
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	136164	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	594498	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	262290	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	501326	20.00	ng	0.00
75) Chrysene-d12	14.06	240	386582	20.00	ng	0.00
86) Perylene-d12	15.56	264	384044	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1163071	129.19	ng	0.00
7) Phenol-d6	6.50	99	1391233	126.29	ng	0.00
23) Nitrobenzene-d5	7.43	82	950774	91.33	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	236854	106.68	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1367760	91.44	ng	0.00
78) Terphenyl-d14	12.98	244	1222463	76.02	ng	0.00

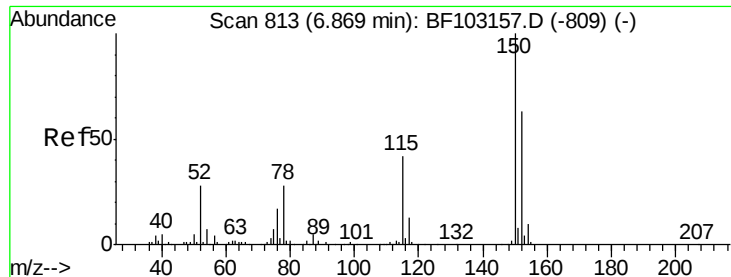
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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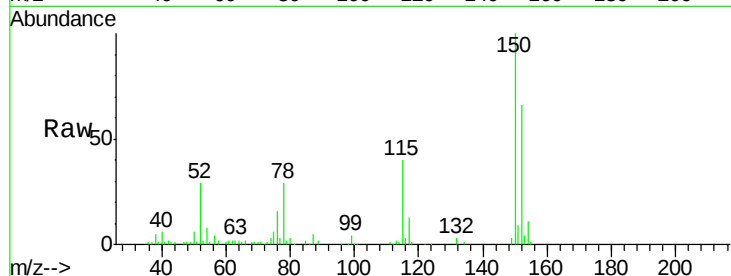




#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF103602.D
Acq: 13 Mar 2018 14:21

Tot Ion	152	Resp	136164
Ion	Ratio	Lower	Upper
152	100		
150	151.5	124.6	186.8
115	60.4	50.1	75.1

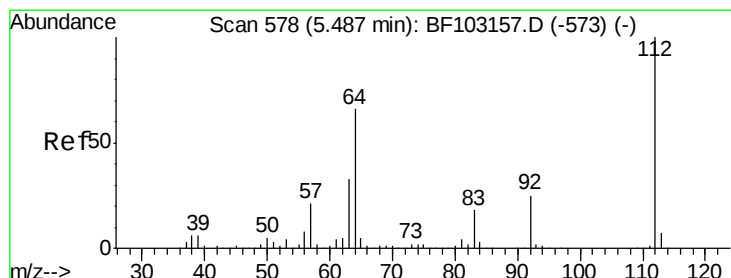
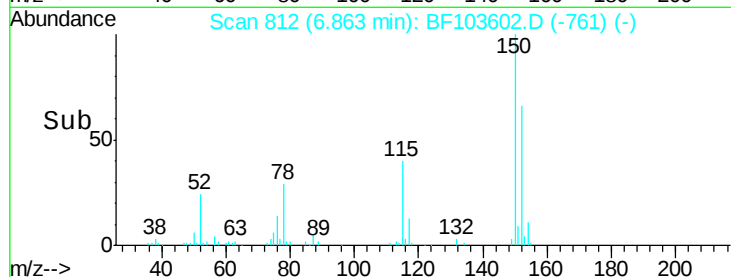
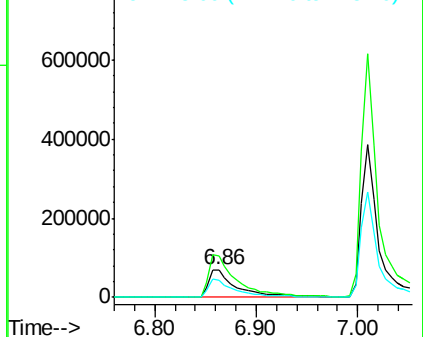


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

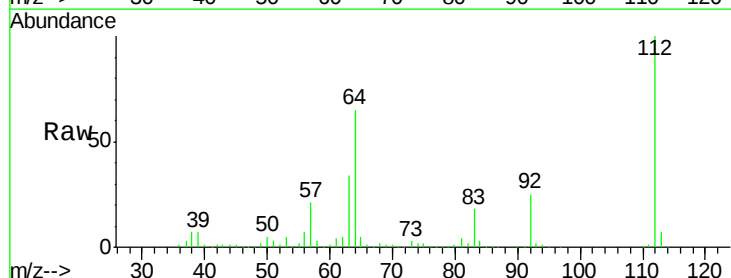
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 129.187 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF103602.D
Acq: 13 Mar 2018 14:21

Tgt Ion	112	Resp	1163071
Ion	Ratio	Lower	Upper
112	100		
64	64.5	47.9	71.9
63	34.2	23.7	35.5

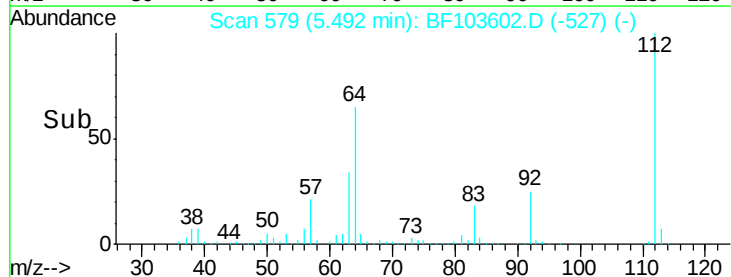
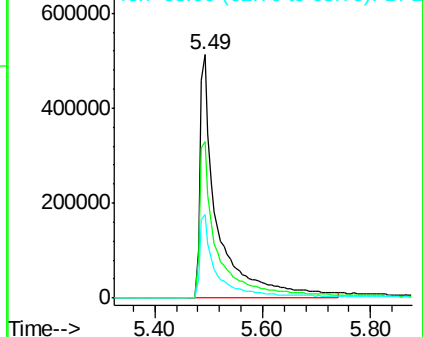


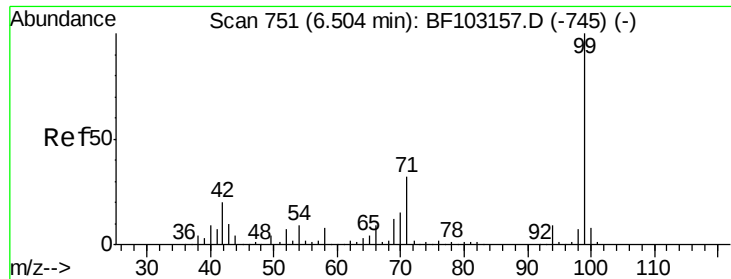
Abundance

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: 126.286 ng

RT: 6.50 min Scan# 751

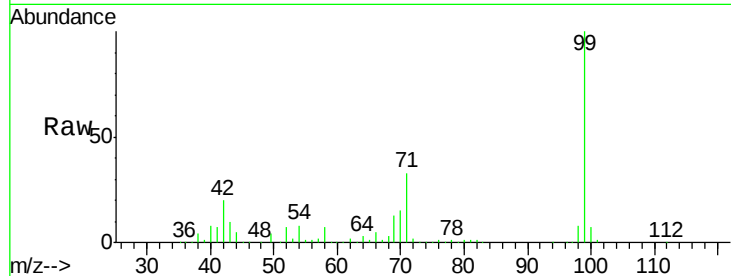
Delta R.T. -0.01 min

Lab File: BF103602.D

Acq: 13 Mar 2018 14:21

Tot Ion: 99 Resp: 1391233

Ion	Ratio	Lower	Upper
99	100		
42	20.3	14.5	21.7
71	32.6	25.4	38.0

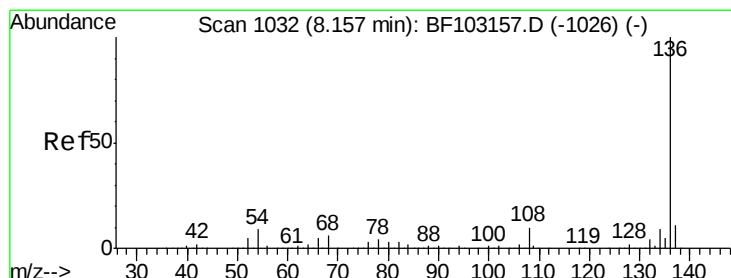
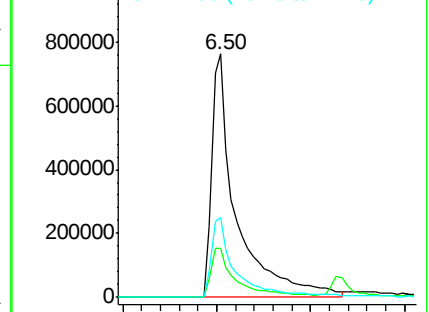
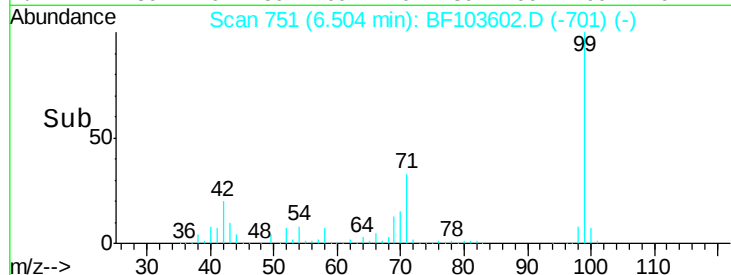


Abundance

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

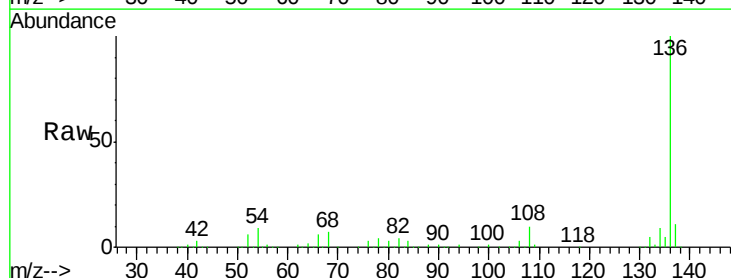
Delta R.T. -0.01 min

Lab File: BF103602.D

Acq: 13 Mar 2018 14:21

Tgt Ion: 136 Resp: 594498

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.9	6.6	9.8
68	6.6	5.0	7.4



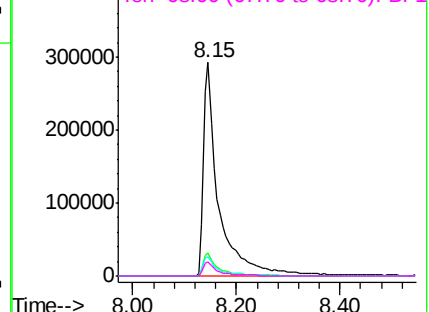
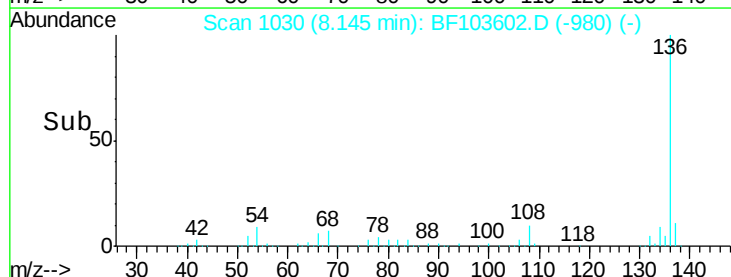
Abundance

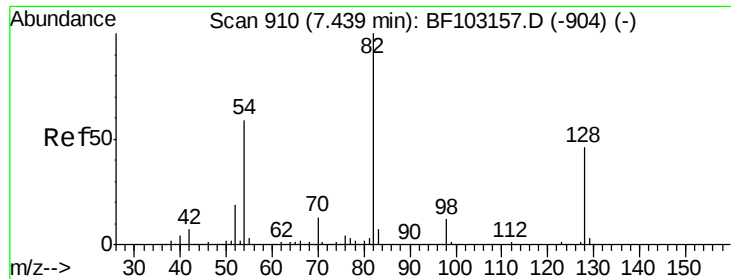
Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

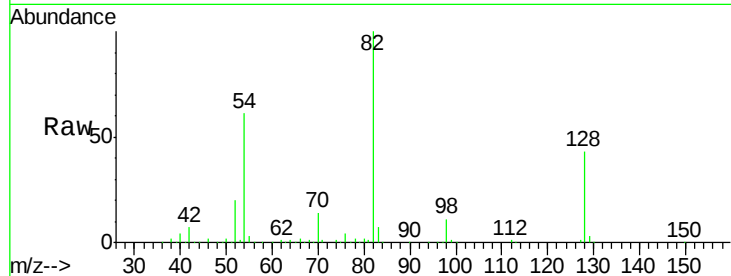
Ion 68.00 (67.70 to 68.70): BF1



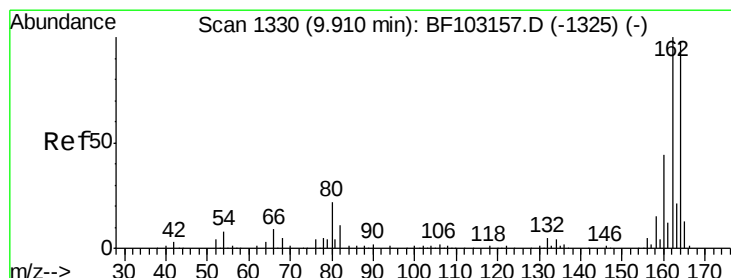
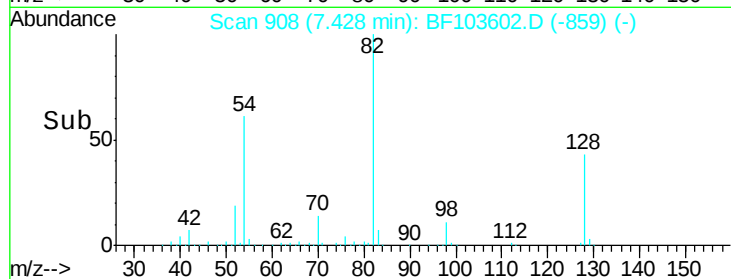
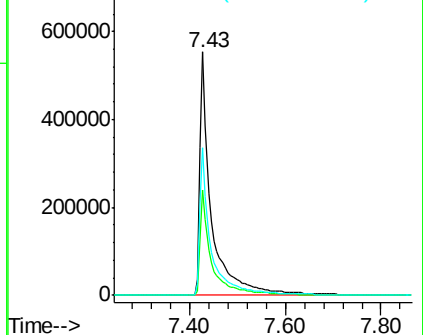


#23
Nitrobenzene-d5
Concen: 91.333 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF103602.D
Acq: 13 Mar 2018 14:21

Tot Ion	82	Resp	950774
Ion Ratio	100		
Lower		36.1	
Upper		54.1	
128	43.2		
54	60.7		
		41.4	62.2

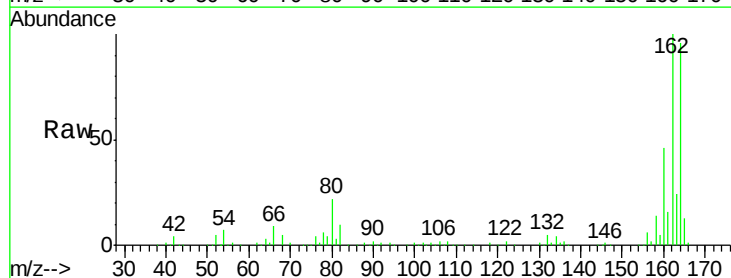


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

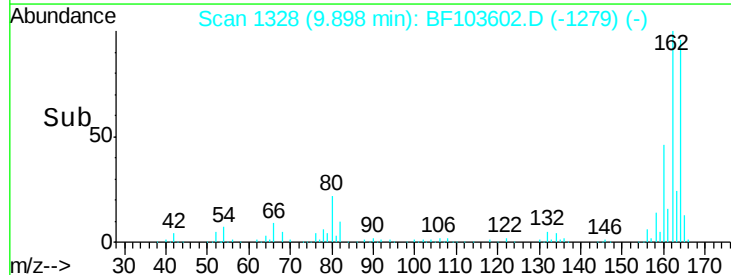
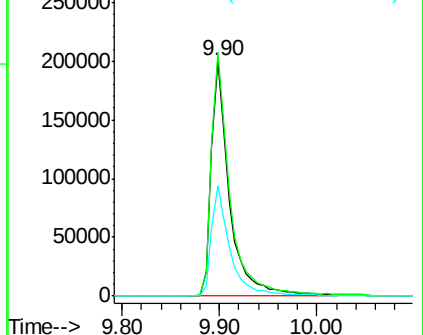


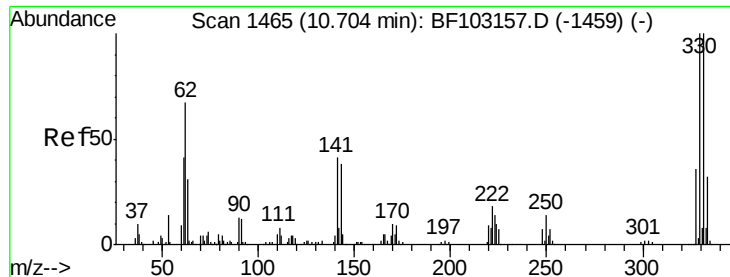
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF103602.D
Acq: 13 Mar 2018 14:21

Tgt Ion	164	Resp	262290
Ion Ratio	100		
Lower		86.1	
Upper		129.1	
162	103.7		
160	47.2		
		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: 106.684 ng

RT: 10.70 min Scan# 1464

Delta R.T. -0.01 min

Lab File: BF103602.D

Acq: 13 Mar 2018 14:21

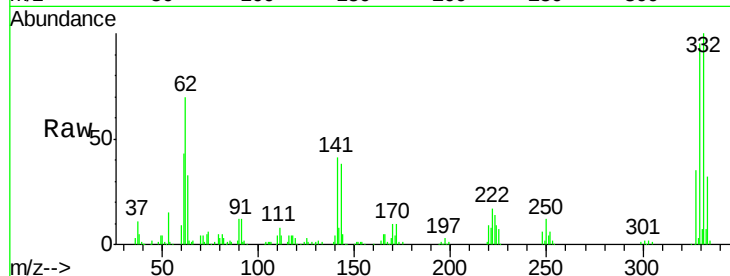
Tot Ion:330 Resp: 236854

Ion Ratio Lower Upper

330 100

332 103.8 77.0 115.6

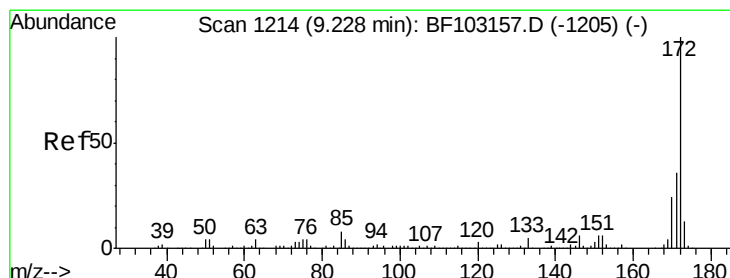
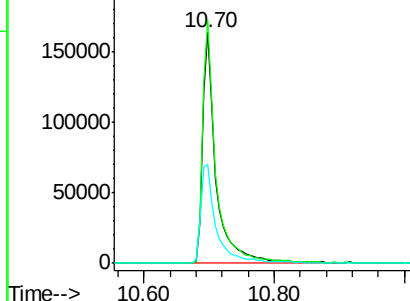
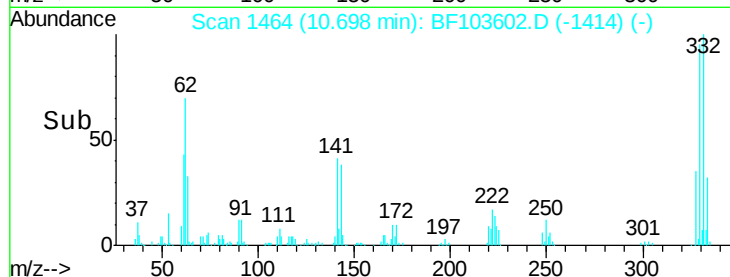
141 49.6 29.9 44.9#



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: 91.441 ng

RT: 9.22 min Scan# 1212

Delta R.T. -0.01 min

Lab File: BF103602.D

Acq: 13 Mar 2018 14:21

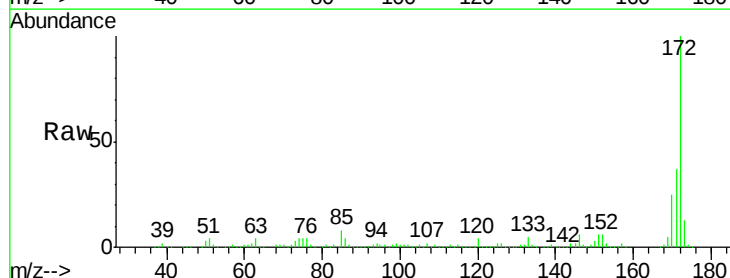
Tgt Ion:172 Resp: 1367760

Ion Ratio Lower Upper

172 100

171 36.6 29.7 44.5

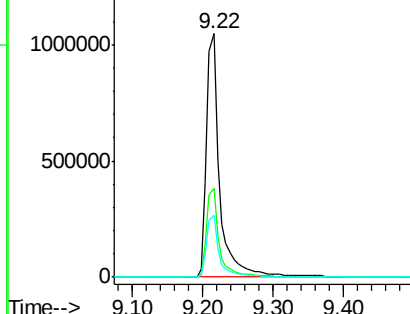
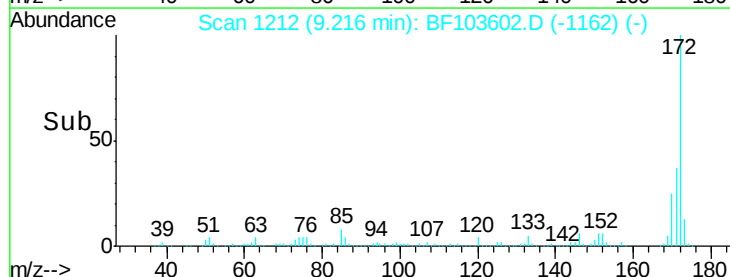
170 25.4 19.6 29.4

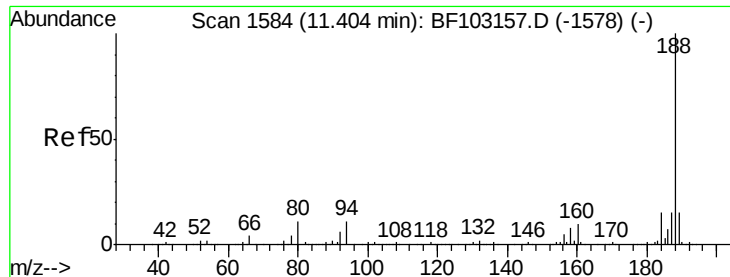


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

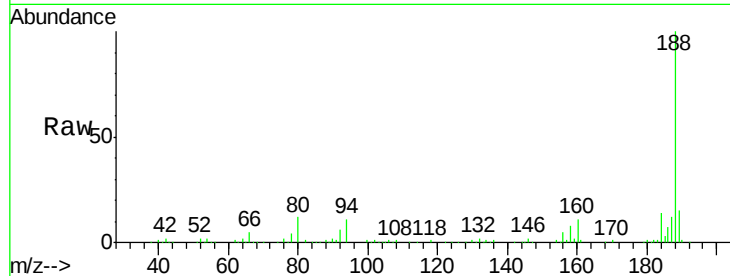
Ion 170.00 (169.70 to 170.70): E



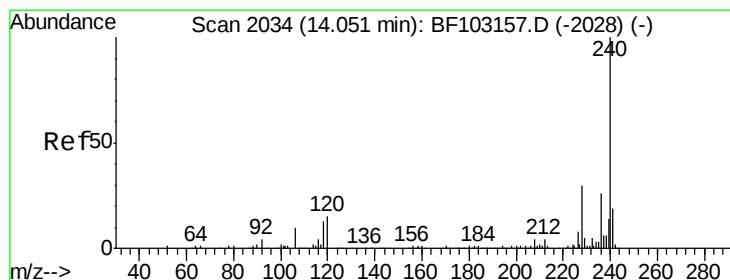
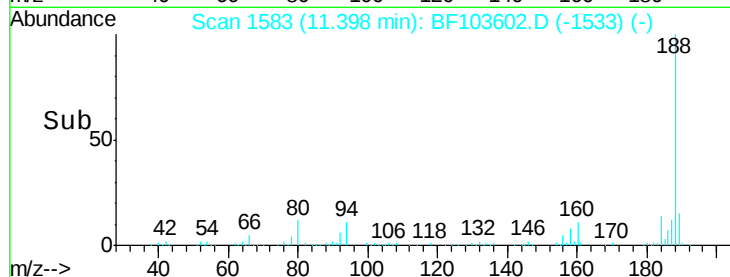
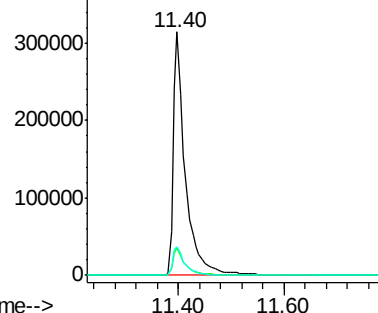


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF103602.D
Acq: 13 Mar 2018 14:21

Tot Ion:188 Resp: 501326
Ion Ratio Lower Upper
188 100
94 11.4 8.5 12.7
80 11.9 9.2 13.8

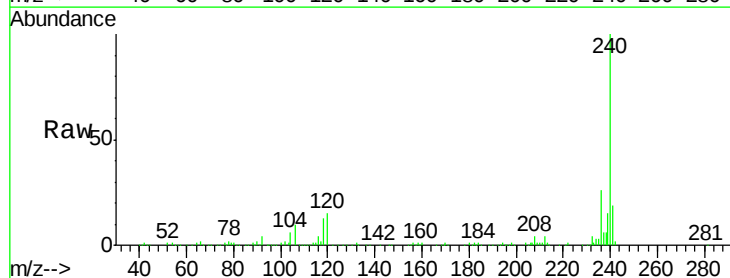


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

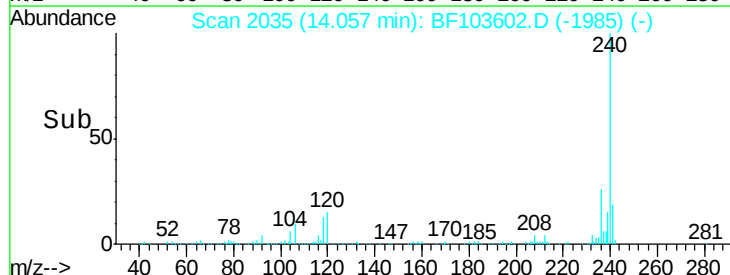
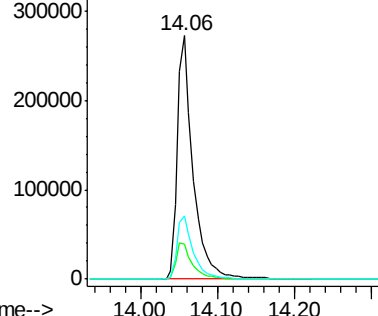


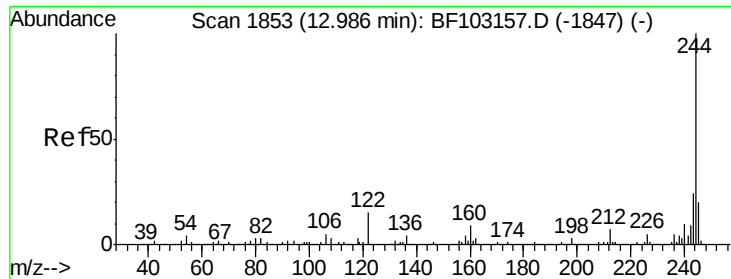
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF103602.D
Acq: 13 Mar 2018 14:21

Tgt Ion:240 Resp: 386582
Ion Ratio Lower Upper
240 100
120 14.6 9.5 14.3#
236 26.0 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

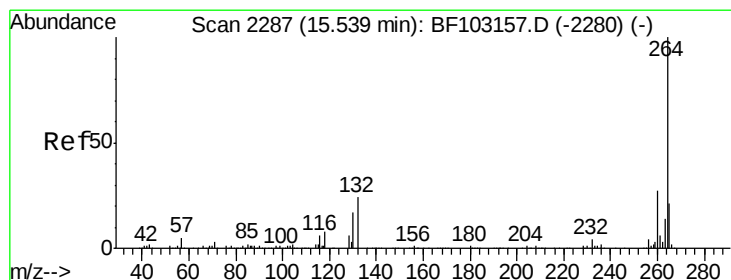
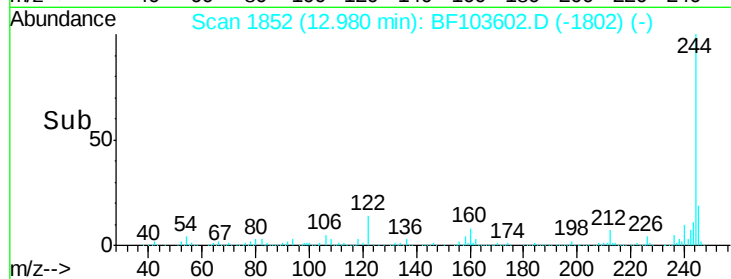
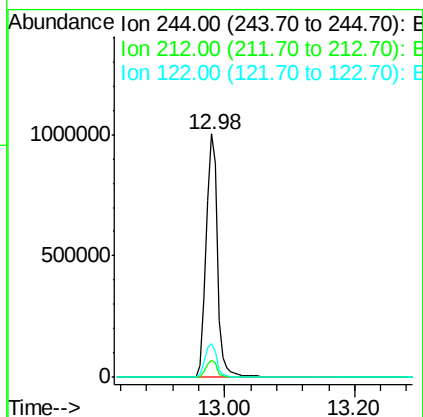
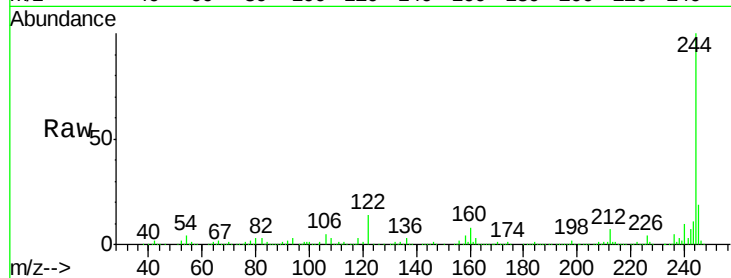




#78
 Terphenyl-d14
 Concen: 76.016 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.01 min
 Lab File: BF103602.D
 Acq: 13 Mar 2018 14:21

Tot Ion:244 Resp: 1222463

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	14.0	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: BF103602.D
 Acq: 13 Mar 2018 14:21

Tgt Ion:264 Resp: 384044

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.6	17.5	26.3

