

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031318\
 Data File : BF103604.D
 Acq On : 13 Mar 2018 15:15
 Operator : SJ/JU
 Sample : J1893-01 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 13 16:14:30 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

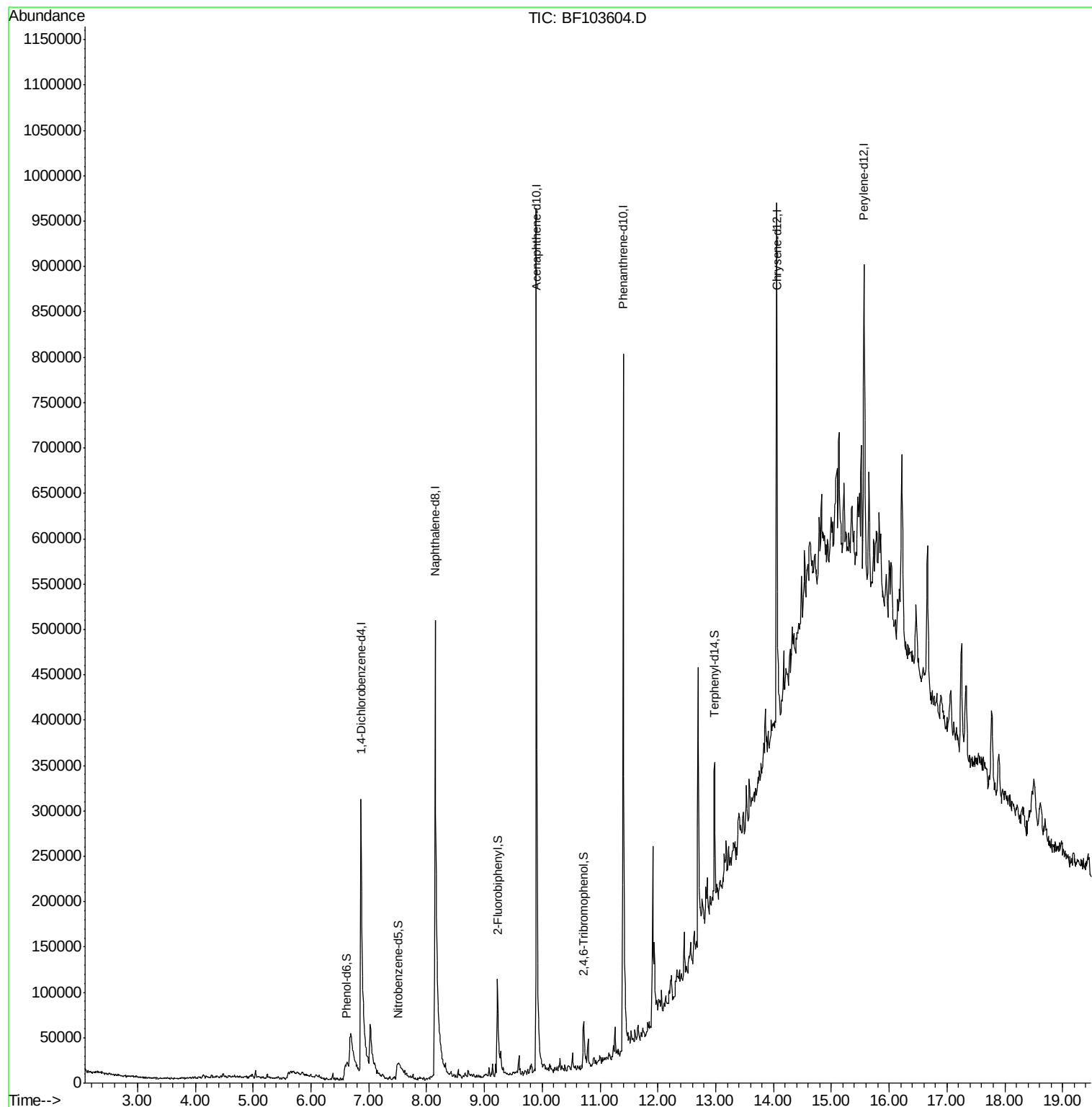
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	122558	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	570857	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	247459	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	419813	20.00	ng	0.00
75) Chrysene-d12	14.06	240	247485	20.00	ng	0.00
86) Perylene-d12	15.57	264	214069	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	7518	0.93	ng	0.16
7) Phenol-d6	6.61	99	75695m	7.63	ng	0.10
23) Nitrobenzene-d5	7.50	82	45774m	4.58	ng	0.06
41) 2,4,6-Tribromophenol	10.72	330	9103	4.35	ng	0.01
44) 2-Fluorobiphenyl	9.22	172	81233	2.13	ng	0.00
78) Terphenyl-d14	12.98	244	55910	5.43	ng	0.00

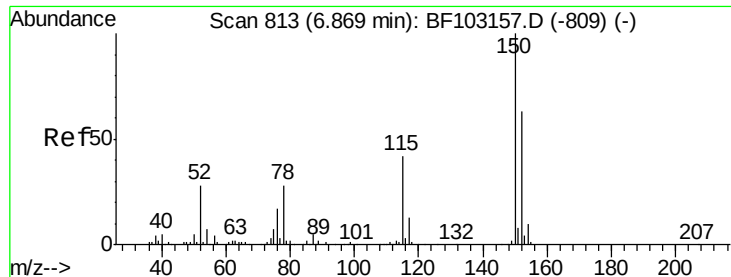
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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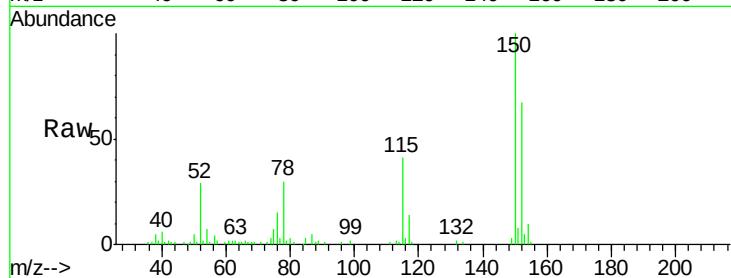




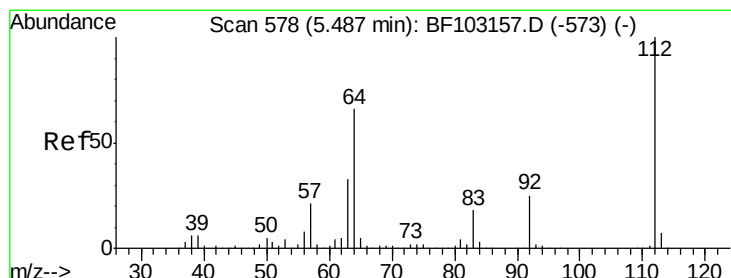
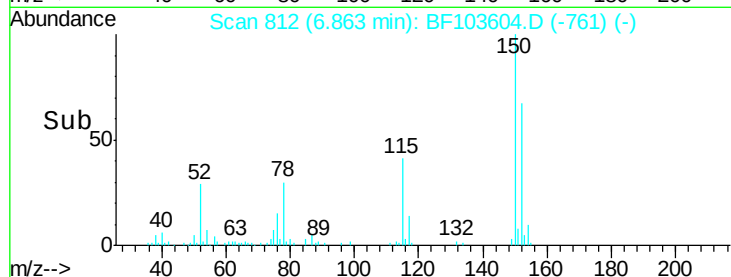
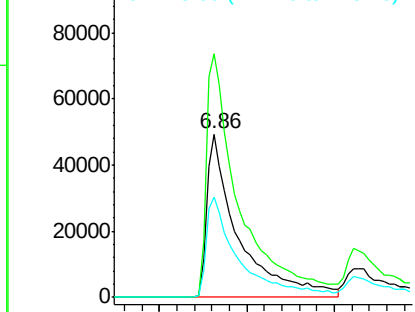
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF103604.D
Acq: 13 Mar 2018 15:15

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.9	124.6	186.8
115	61.2	50.1	75.1



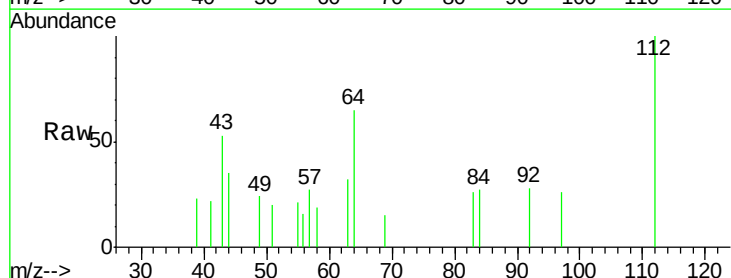
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



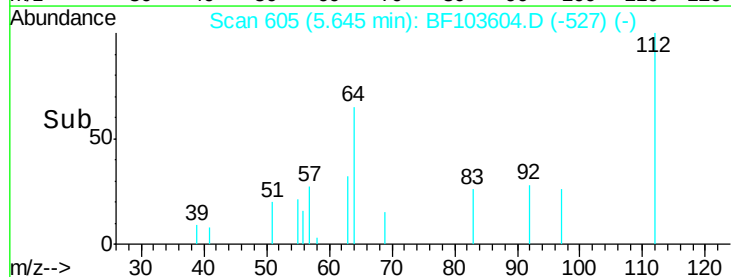
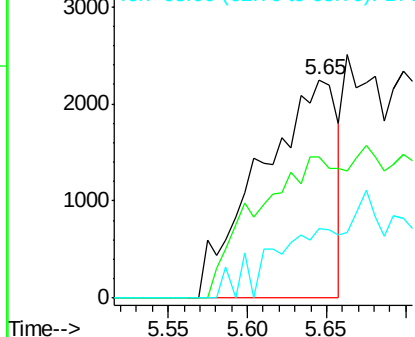
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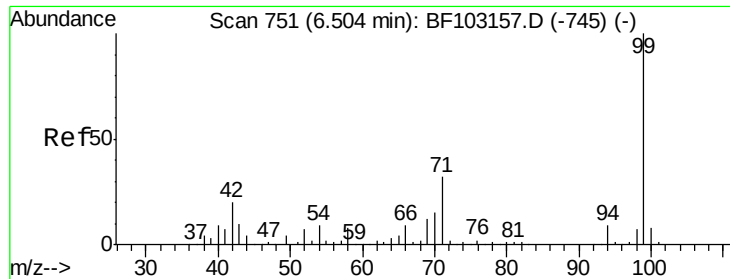
2-Fluorophenol
Concen: 0.928 ng
RT: 5.65 min Scan# 605
Delta R.T. 0.16 min
Lab File: BF103604.D
Acq: 13 Mar 2018 15:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.8	47.9	71.9
63	32.0	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: 7.634 ng/mL

RT: 6.61 min Scan# 769

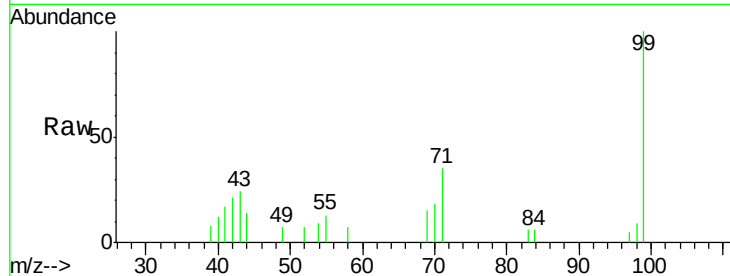
Delta R.T. 0.10 min

Lab File: BF103604.D

Acq: 13 Mar 2018 15:15

Tot Ion: 99 Resp: 75695

Ion	Ratio	Lower	Upper
99	100		
42	20.8	14.5	21.7
71	34.8	25.4	38.0

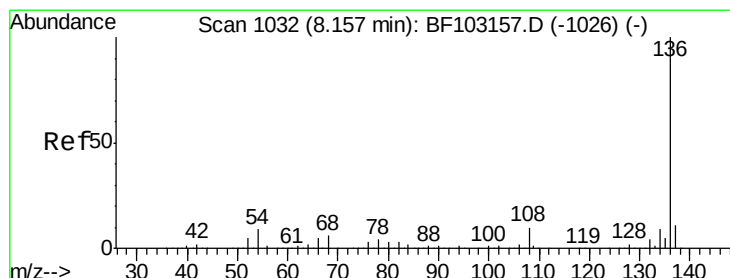
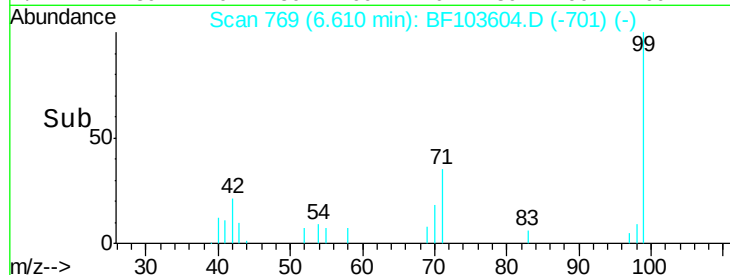
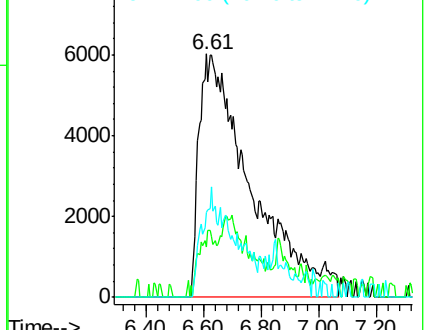


Abundance

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

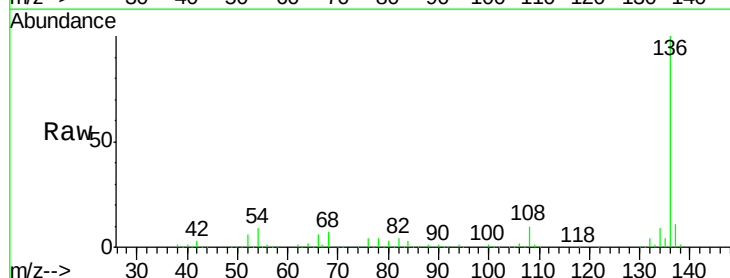
Delta R.T. -0.01 min

Lab File: BF103604.D

Acq: 13 Mar 2018 15:15

Tgt Ion: 136 Resp: 570857

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	9.1	6.6	9.8
68	6.7	5.0	7.4



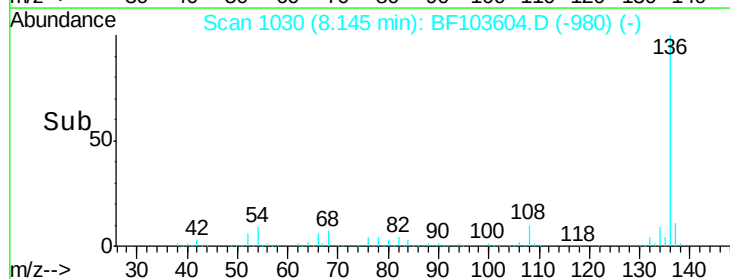
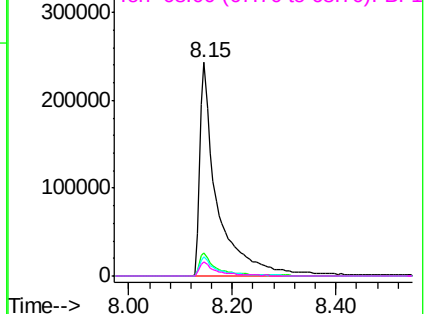
Abundance

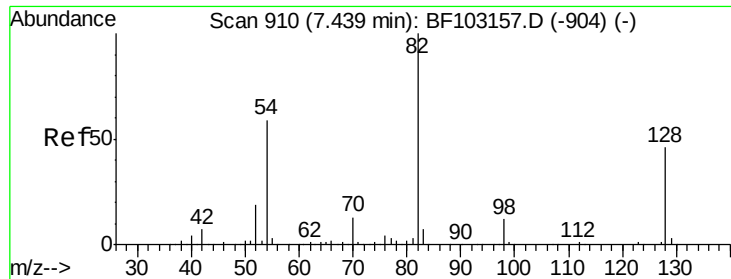
Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

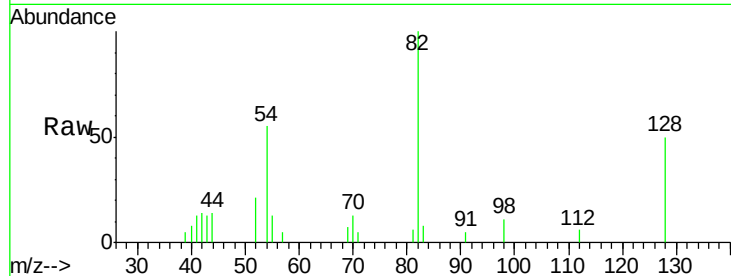
Ion 68.00 (67.70 to 68.70): BF1



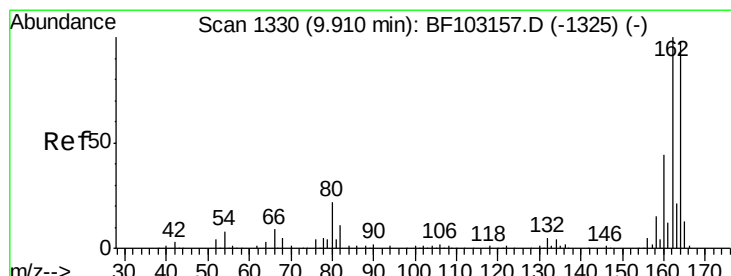
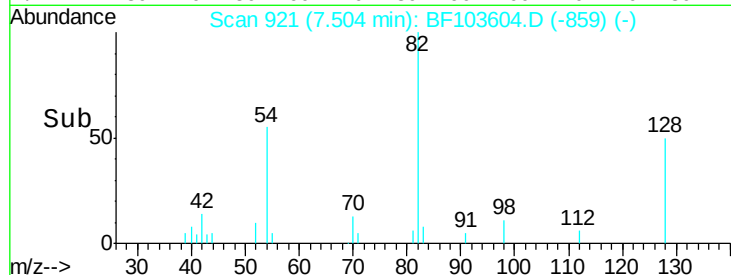
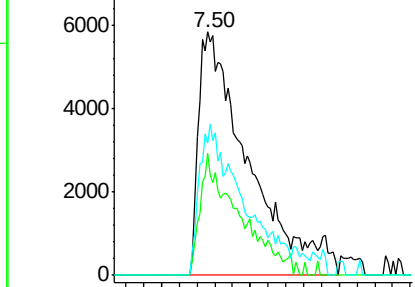


#23
 Nitrobenzene-d5
 Concen: 4.579 ng m
 RT: 7.50 min Scan# 921
 Delta R.T. 0.06 min
 Lab File: BF103604.D
 Acq: 13 Mar 2018 15:15

Tot Ion: 82 Resp: 45774
 Ion Ratio Lower Upper
 82 100
 128 50.2 36.1 54.1
 54 54.6 41.4 62.2

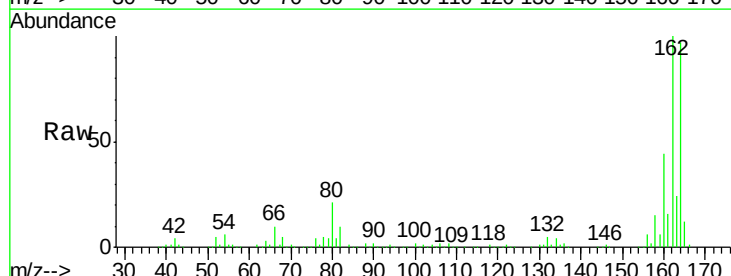


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

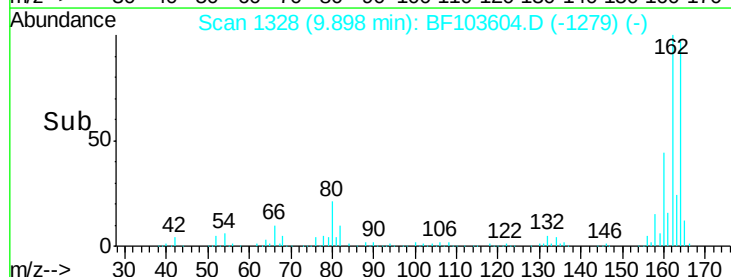
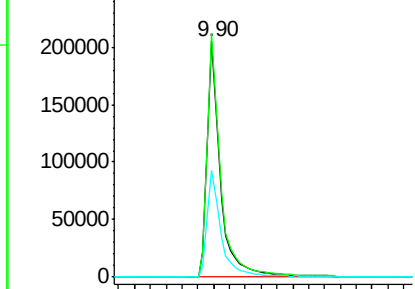


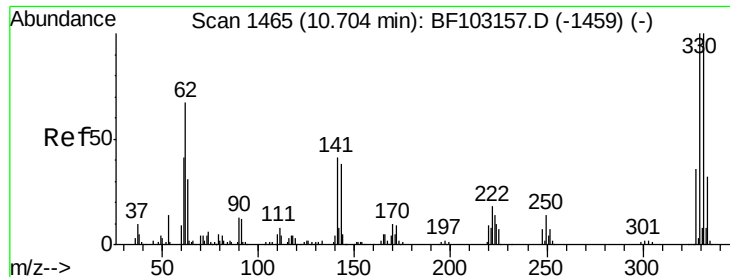
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF103604.D
 Acq: 13 Mar 2018 15:15

Tgt Ion: 164 Resp: 247459
 Ion Ratio Lower Upper
 164 100
 162 103.2 86.1 129.1
 160 45.2 38.3 57.5



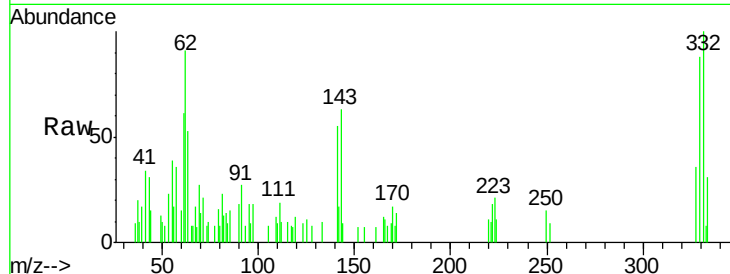
Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E



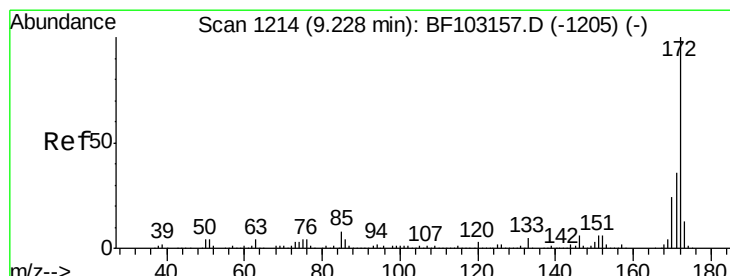
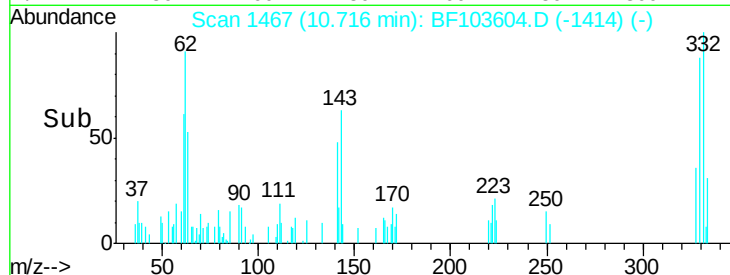
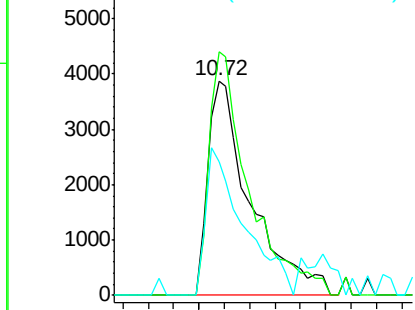


#41
 2,4,6-Tribromophenol
 Concen: 4.346 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.01 min
 Lab File: BF103604.D
 Acq: 13 Mar 2018 15:15

Tot Ion:330 Resp: 9103
 Ion Ratio Lower Upper
 330 100
 332 106.7 77.0 115.6
 141 61.1 29.9 44.9#

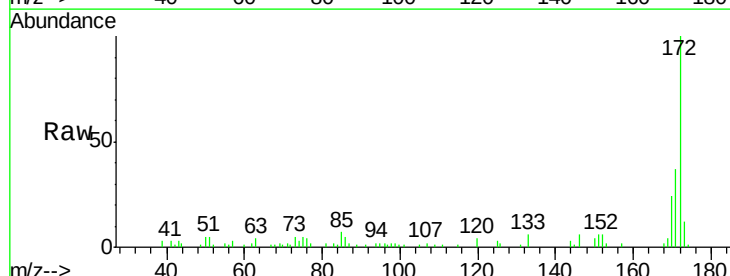


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

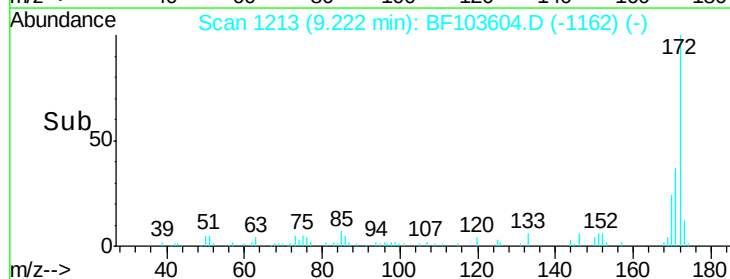
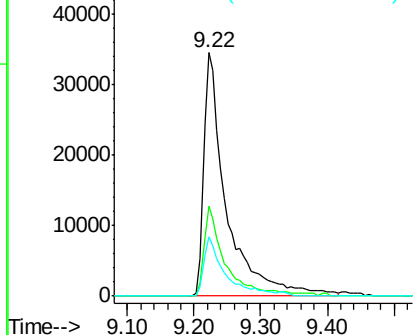


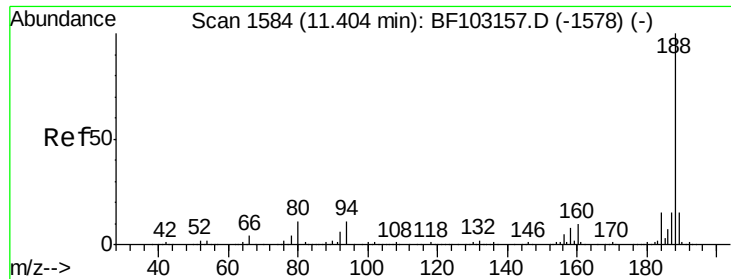
#44
 2-Fluorobiphenyl
 Concen: 2.134 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: BF103604.D
 Acq: 13 Mar 2018 15:15

Tgt Ion:172 Resp: 81233
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.7 44.5
 170 24.4 19.6 29.4



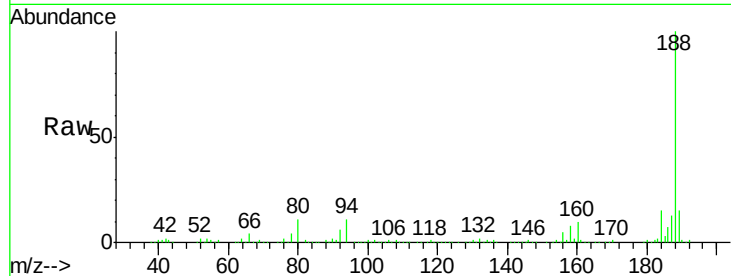
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



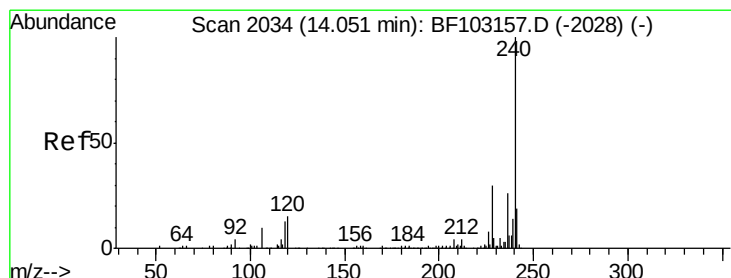
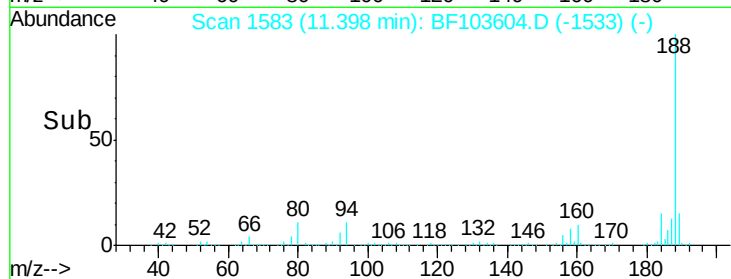
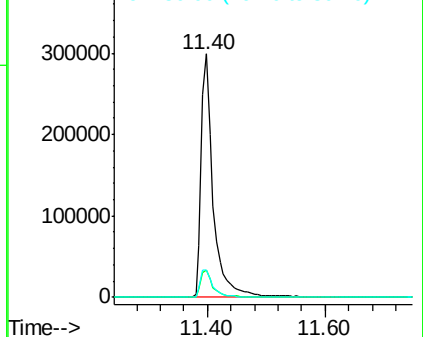


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF103604.D
Acq: 13 Mar 2018 15:15

Tot Ion:188 Resp: 419813
Ion Ratio Lower Upper
188 100
94 11.3 8.5 12.7
80 11.4 9.2 13.8

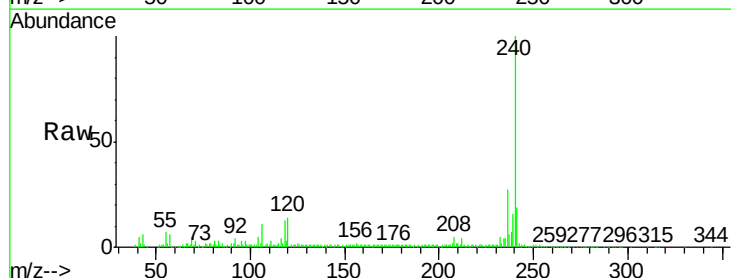


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

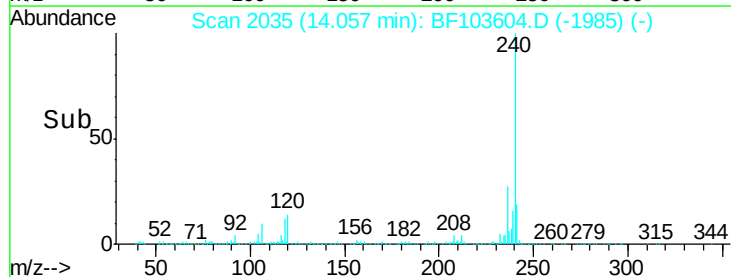
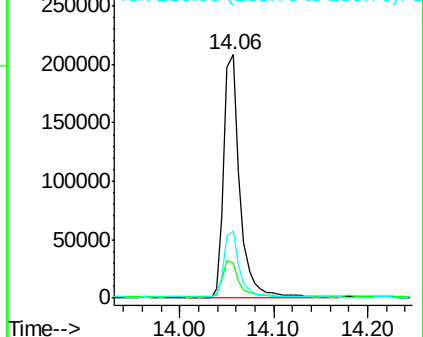


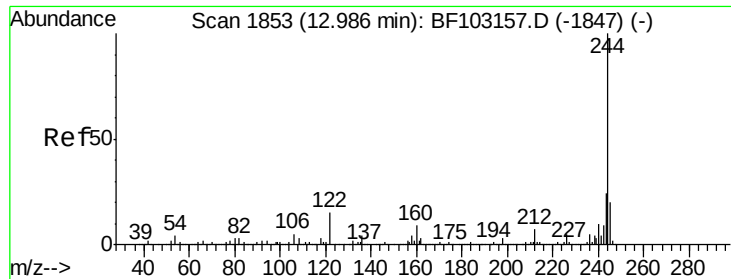
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF103604.D
Acq: 13 Mar 2018 15:15

Tgt Ion:240 Resp: 247485
Ion Ratio Lower Upper
240 100
120 14.3 9.5 14.3
236 27.4 20.7 31.1



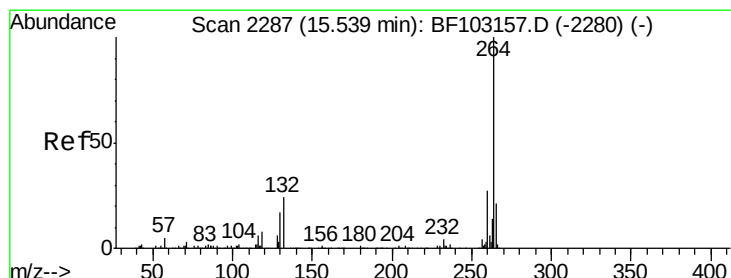
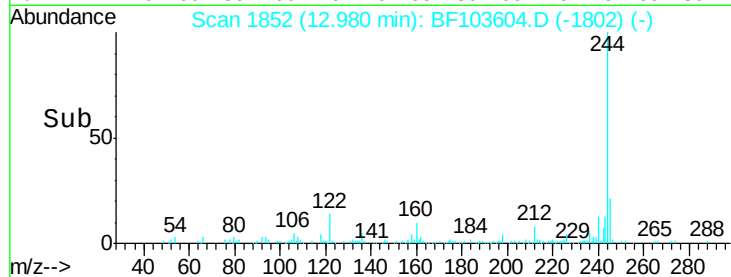
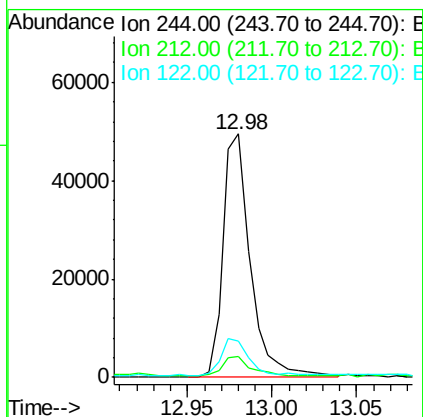
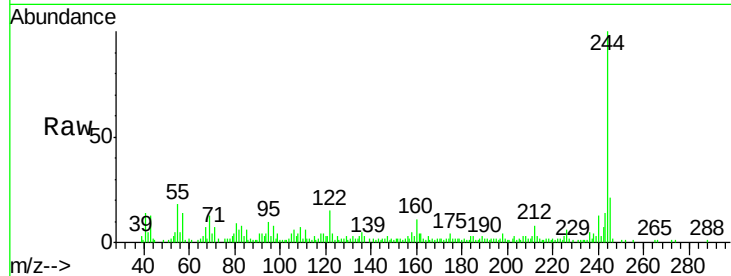
Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#78
 Terphenyl-d14
 Concen: 5.431 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.01 min
 Lab File: BF103604.D
 Acq: 13 Mar 2018 15:15

Tot Ion:244 Resp: 55910
 Ion Ratio Lower Upper
 244 100
 212 8.4 5.4 8.0#
 122 15.0 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.57 min Scan# 2292
 Delta R.T. 0.00 min
 Lab File: BF103604.D
 Acq: 13 Mar 2018 15:15

Tgt Ion:264 Resp: 214069
 Ion Ratio Lower Upper
 264 100
 260 25.3 19.2 28.8
 265 23.6 17.5 26.3

