

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031318\
 Data File : BF103608.D
 Acq On : 13 Mar 2018 17:01
 Operator : SJ/JU
 Sample : J1890-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

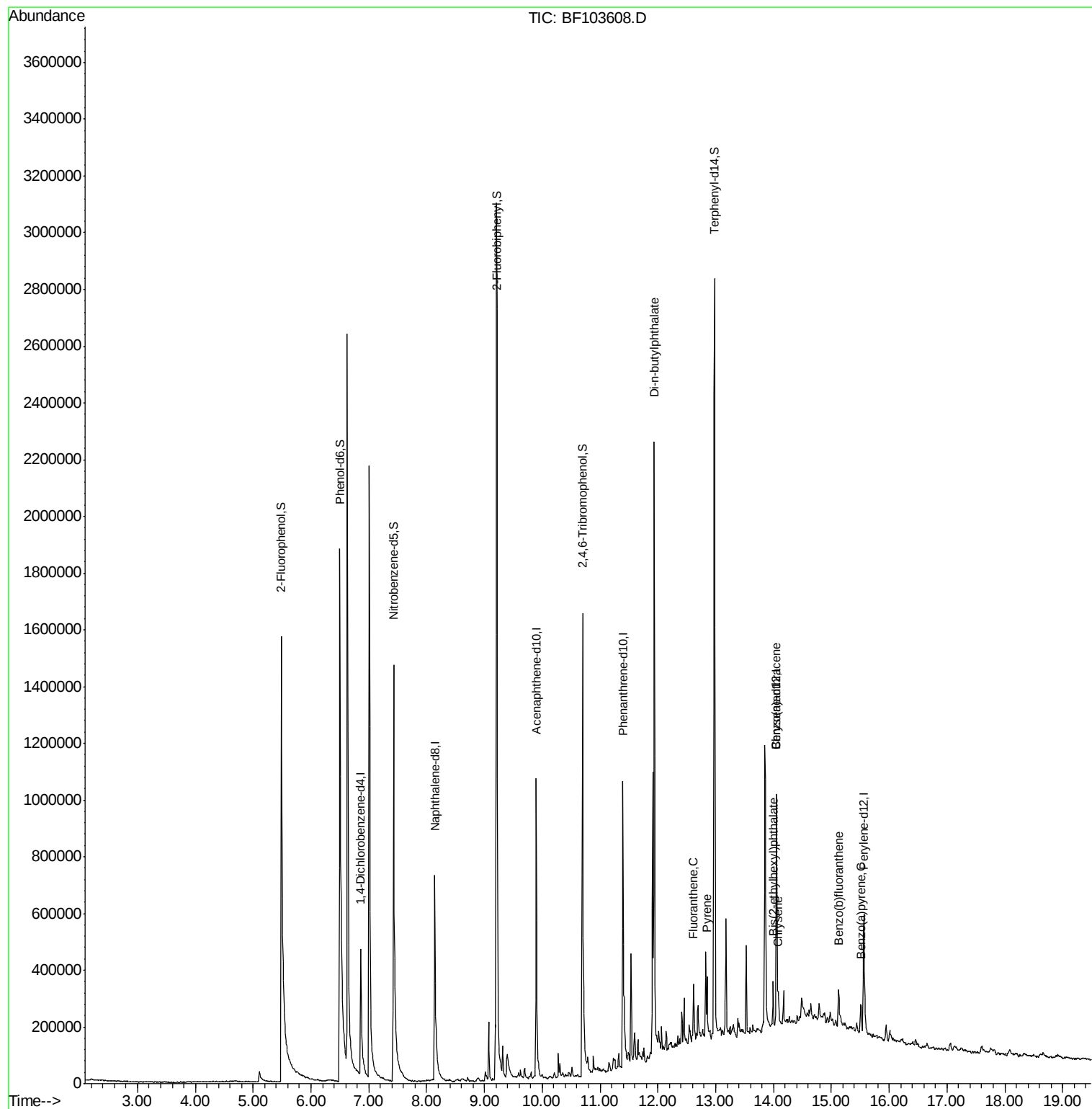
Quant Time: Mar 14 05:18:37 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 09 11:47:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	128797	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	567015	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	253300	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	464726	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	302834	20.00	ng	-0.01
86) Perylene-d12	15.56	264	244678	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	971612	114.09	ng	0.00
7) Phenol-d6	6.50	99	1321190	126.79	ng	-0.01
23) Nitrobenzene-d5	7.43	82	835311	84.13	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	231771	108.10	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1232803	83.47	ng	-0.01
78) Terphenyl-d14	12.98	244	1024366	81.31	ng	0.00
Target Compounds						Qvalue
73) Di-n-butylphthalate	11.94	149	1059089	32.408	ng	99
74) Fluoranthene	12.62	202	98993	3.852	ng	98
77) Pyrene	12.85	202	96696	4.095	ng	99
80) Benzo(a)anthracene	14.04	228	42191	2.147	ng	96
82) Chrysene	14.08	228	39135	2.051	ng	96
83) Bis(2-ethylhexyl)phthalate	13.99	149	39240	2.331	ng	# 96
87) Benzo(b)fluoranthene	15.13	252	38722m	2.407	ng	
89) Benzo(a)pyrene	15.50	252	28847m	2.008	ng	

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

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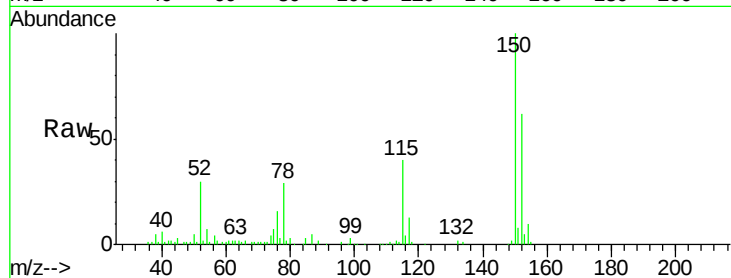




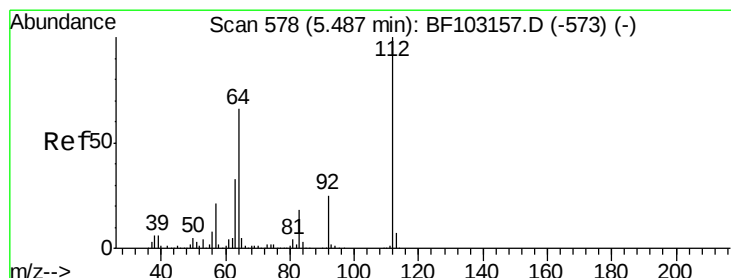
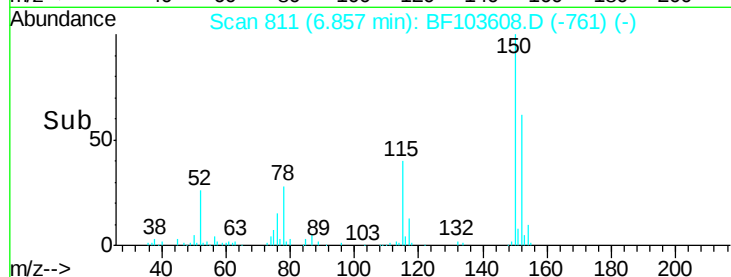
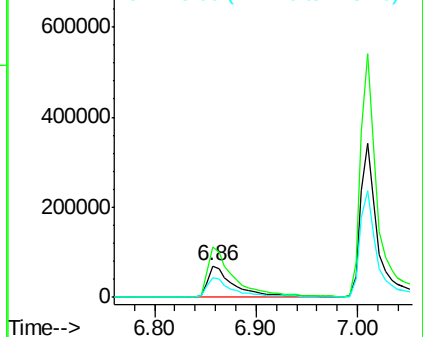
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF103608.D
Acq: 13 Mar 2018 17:01

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.2	124.6	186.8
115	63.4	50.1	75.1



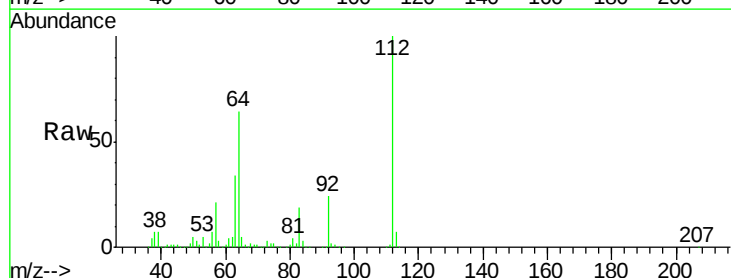
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



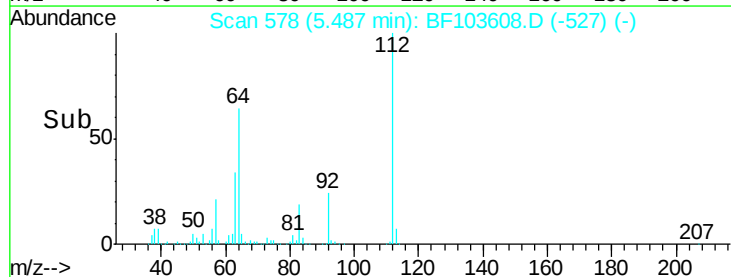
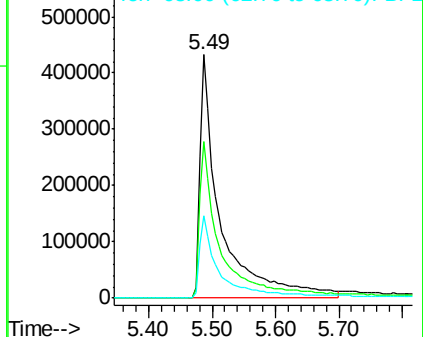
#5

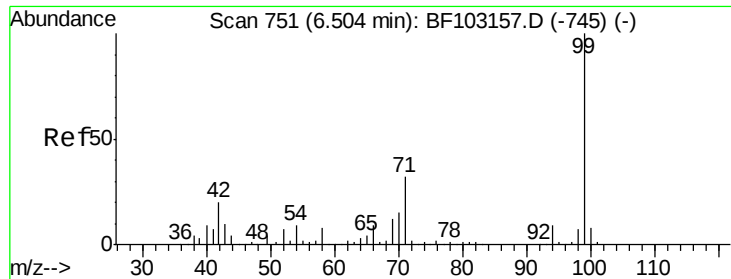
2-Fluorophenol
Concen: 114.094 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.00 min
Lab File: BF103608.D
Acq: 13 Mar 2018 17:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.5	47.9	71.9
63	33.7	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: 126.788 ng

RT: 6.50 min Scan# 750

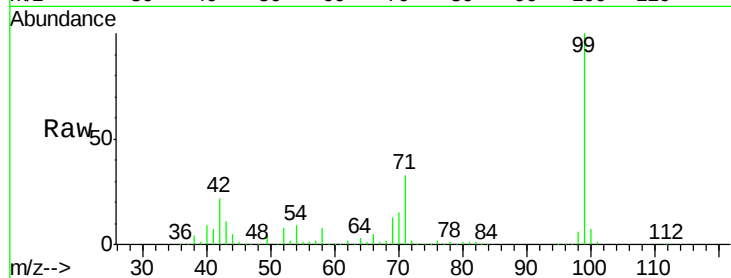
Delta R.T. -0.01 min

Lab File: BF103608.D

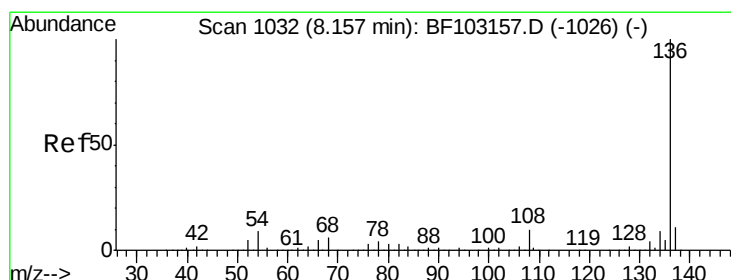
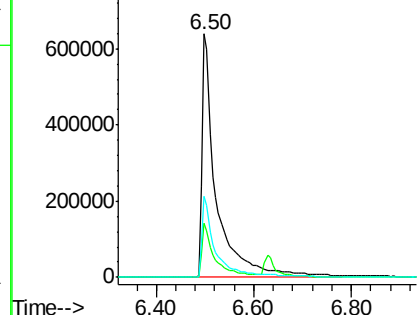
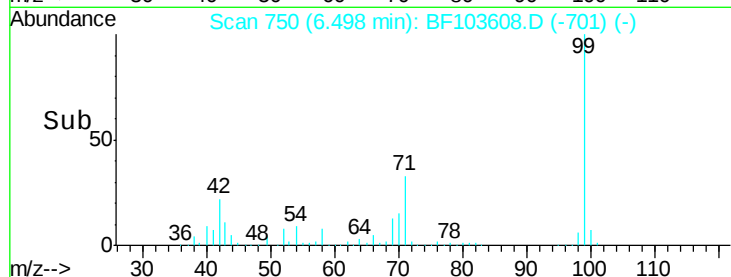
Acq: 13 Mar 2018 17:01

Tot Ion: 99 Resp: 1321190

Ion	Ratio	Lower	Upper
99	100		
42	22.4	14.5	21.7#
71	33.0	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

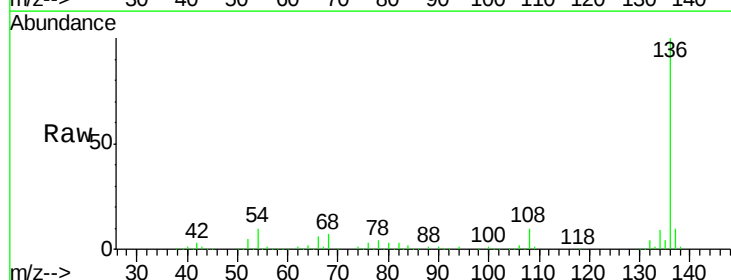
Delta R.T. -0.01 min

Lab File: BF103608.D

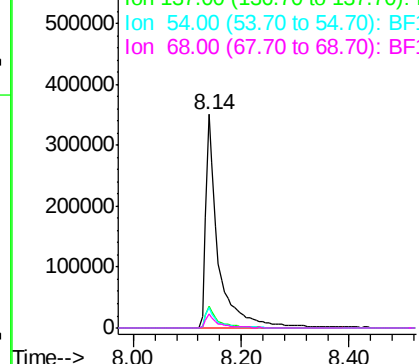
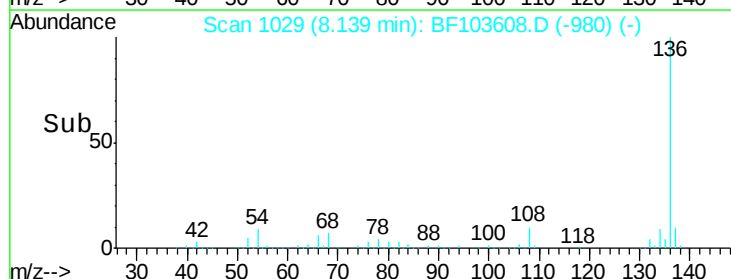
Acq: 13 Mar 2018 17:01

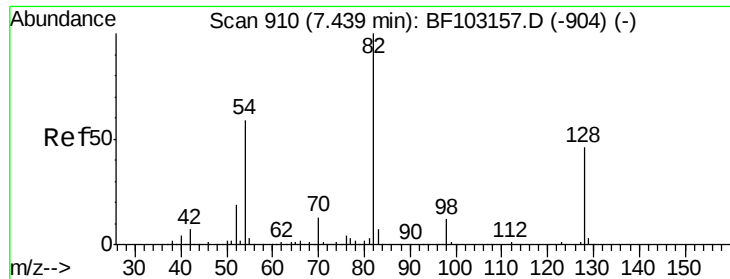
Tgt Ion: 136 Resp: 567015

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	9.6	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: 84.131 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF103608.D

Acq: 13 Mar 2018 17:01

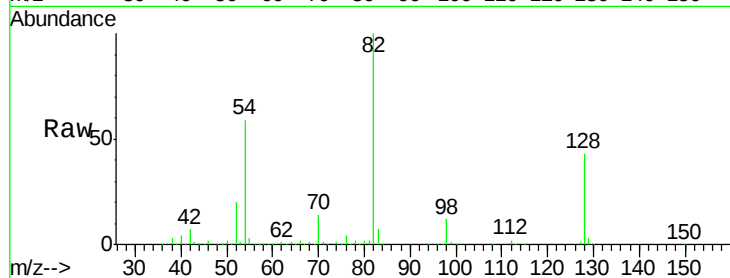
Tot Ion: 82 Resp: 835311

Ion Ratio Lower Upper

82 100

128 42.8 36.1 54.1

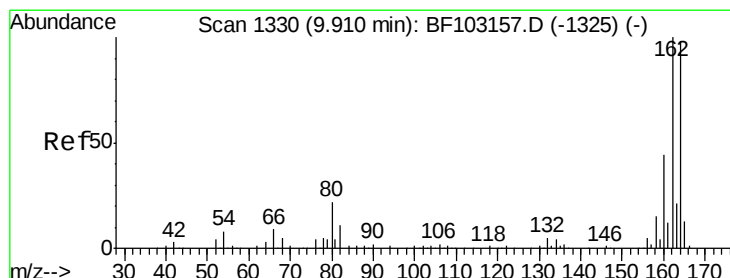
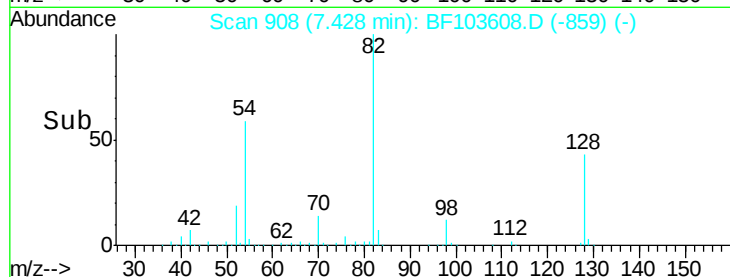
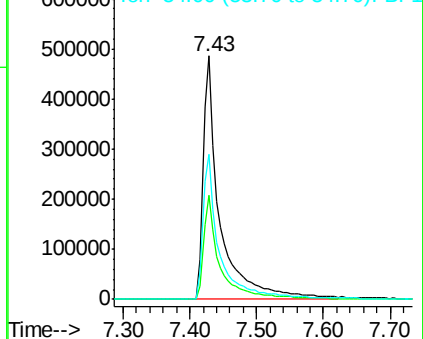
54 59.4 41.4 62.2



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: BF103608.D

Acq: 13 Mar 2018 17:01

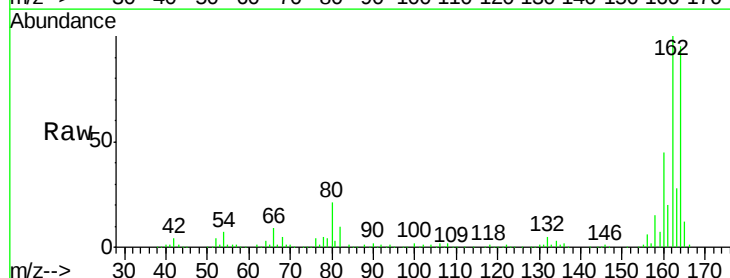
Tgt Ion: 164 Resp: 253300

Ion Ratio Lower Upper

164 100

162 104.9 86.1 129.1

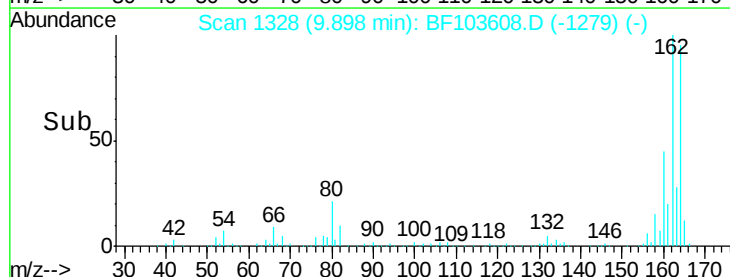
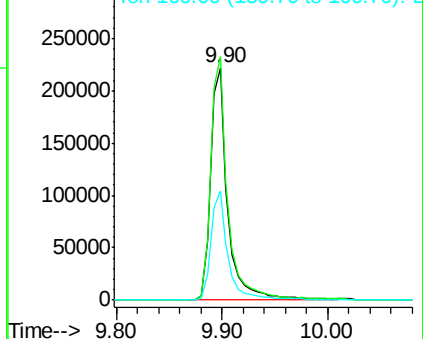
160 47.0 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

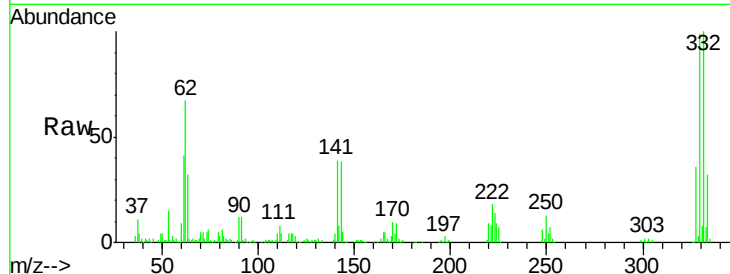
Ion 160.00 (159.70 to 160.70): BF1



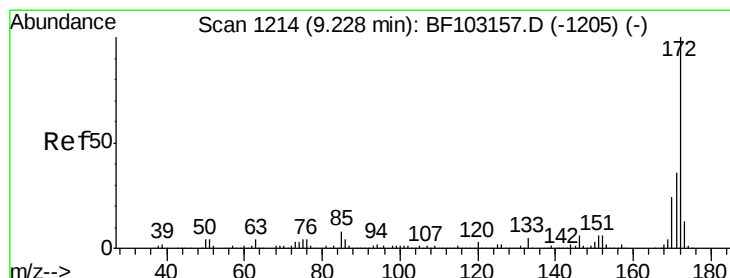
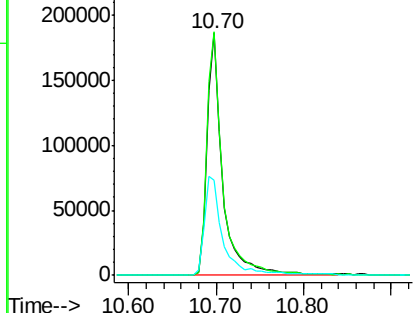
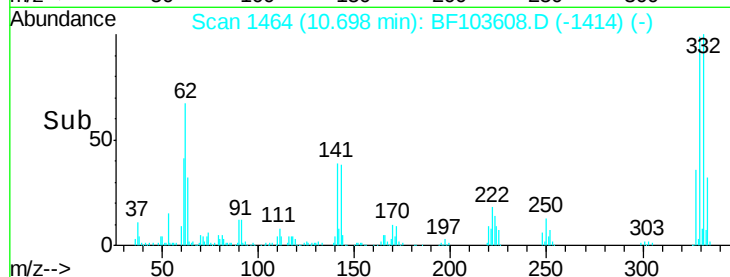


#41
 2,4,6-Tribromophenol
 Concen: 108.100 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BF103608.D
 Acq: 13 Mar 2018 17:01

Tot Ion	Ratio	Lower	Upper
330	100		
332	103.3	77.0	115.6
141	49.3	29.9	44.9

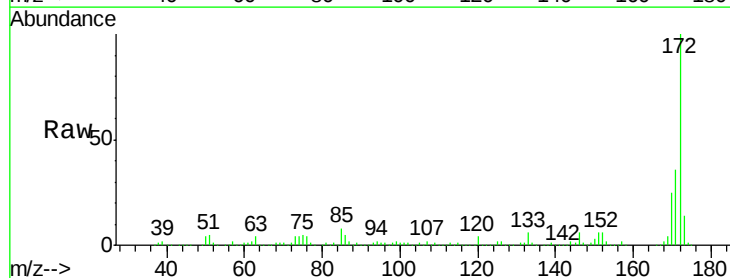


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

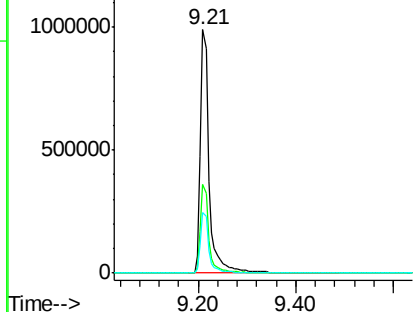
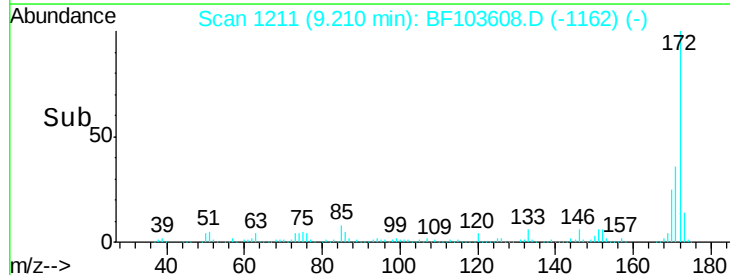


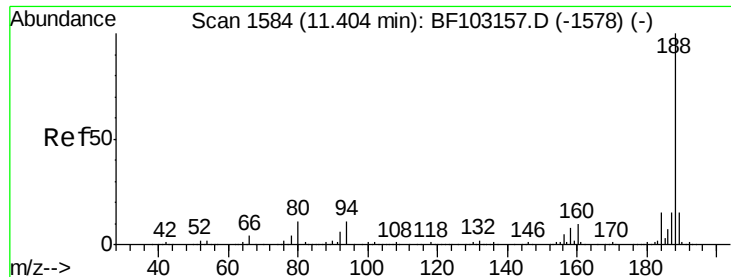
#44
 2-Fluorobiphenyl
 Concen: 83.471 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF103608.D
 Acq: 13 Mar 2018 17:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	25.0	19.6	29.4



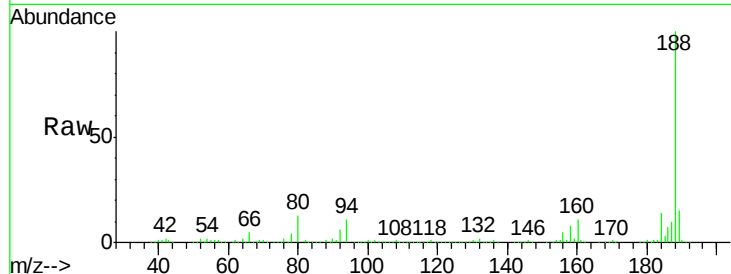
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



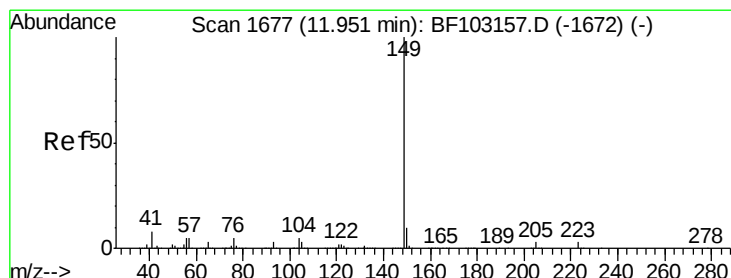
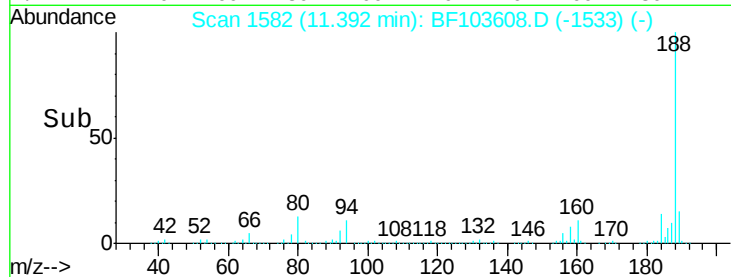
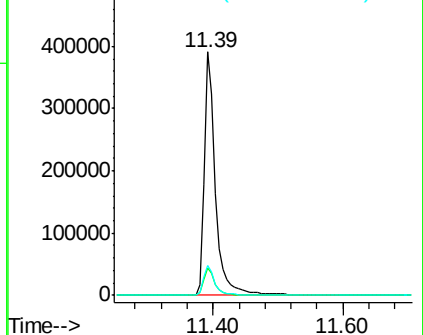


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. -0.01 min
 Lab File: BF103608.D
 Acq: 13 Mar 2018 17:01

Tot Ion:188 Resp: 464726
 Ion Ratio Lower Upper
 188 100
 94 11.3 8.5 12.7
 80 12.5 9.2 13.8

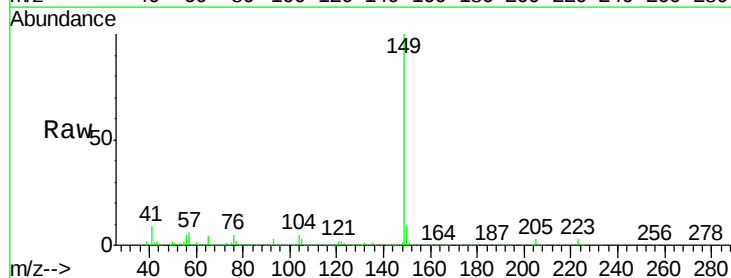


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

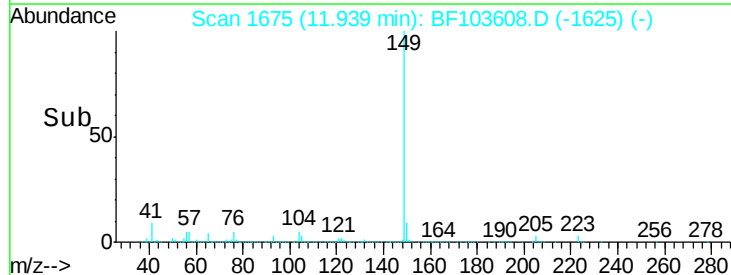
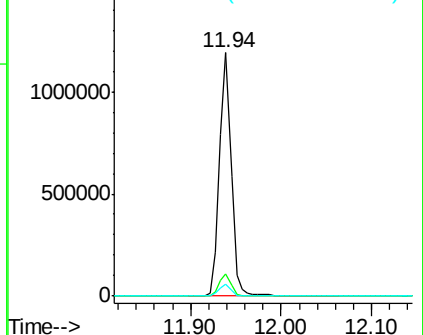


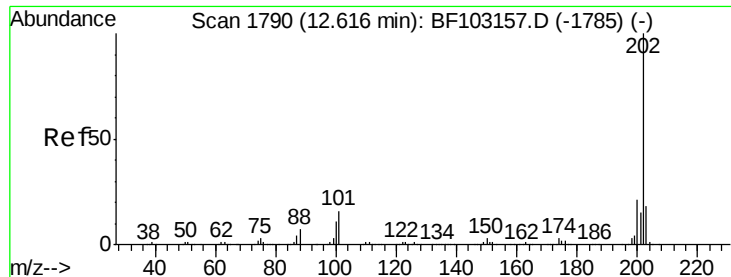
#73
 Di-n-butylphthalate
 Concen: 32.408 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. -0.01 min
 Lab File: BF103608.D
 Acq: 13 Mar 2018 17:01

Tgt Ion:149 Resp: 1059089
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.8 11.6
 104 5.1 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





#74

Fluoranthene

Concen: 3.852 ng

RT: 12.62 min Scan# 1790

Delta R.T. -0.01 min

Lab File: BF103608.D

Acq: 13 Mar 2018 17:01

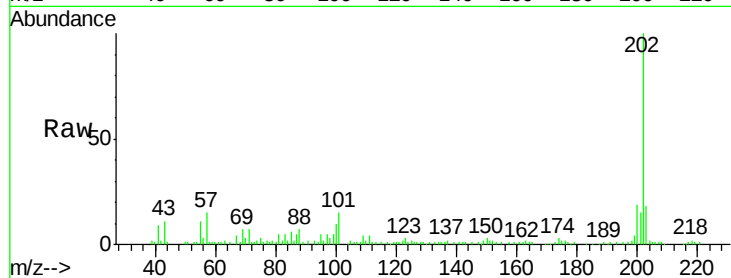
Tot Ion:202 Resp: 98993

Ion Ratio Lower Upper

202 100

101 15.3 0.0 34.1

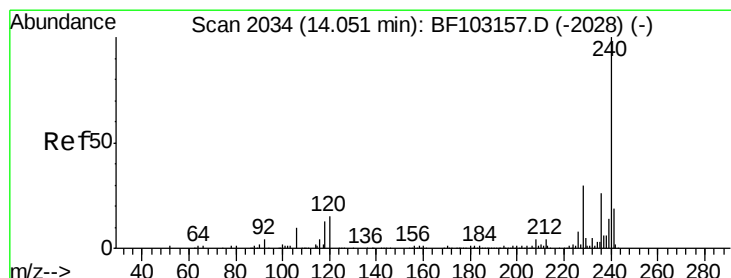
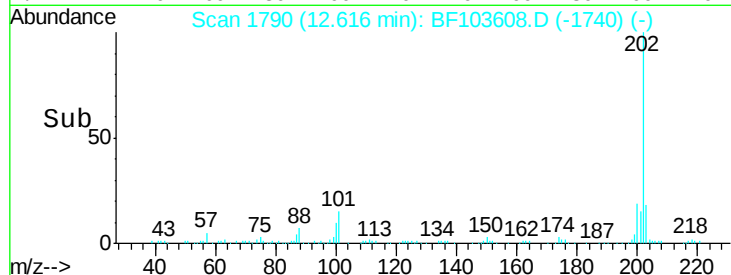
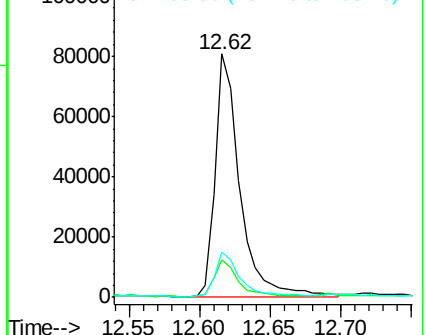
203 18.4 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF103608.D

Acq: 13 Mar 2018 17:01

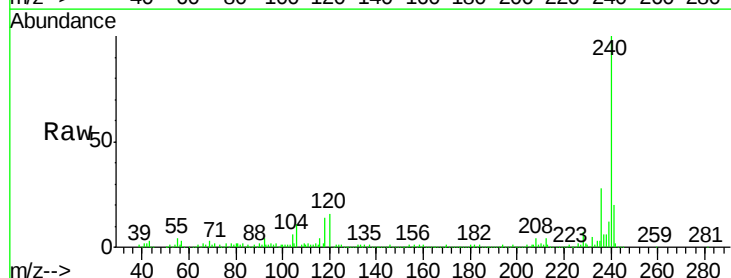
Tgt Ion:240 Resp: 302834

Ion Ratio Lower Upper

240 100

120 16.2 9.5 14.3#

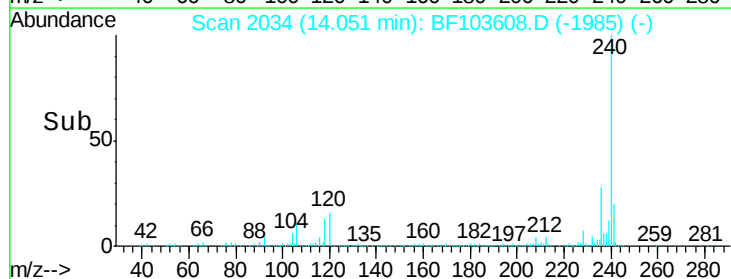
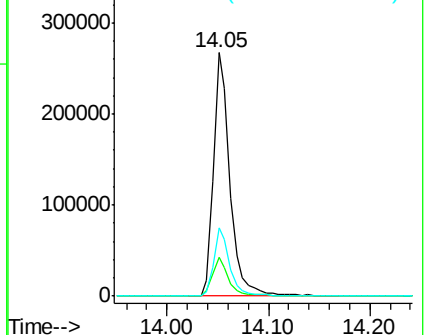
236 28.3 20.7 31.1

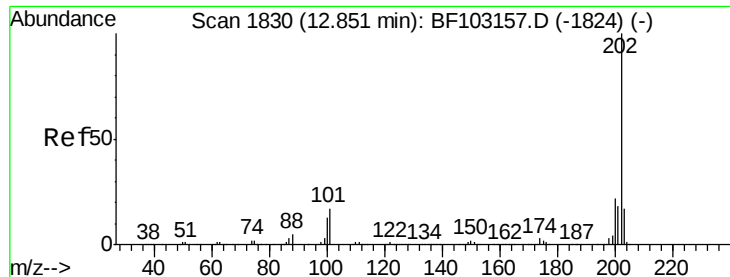


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

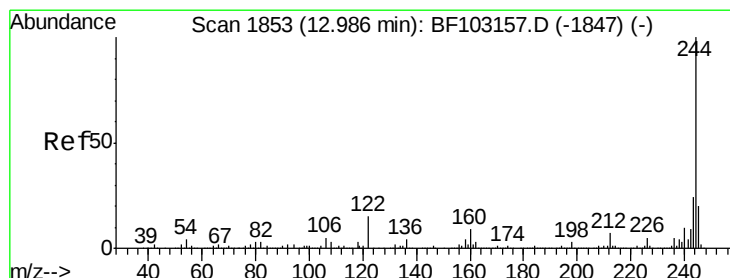
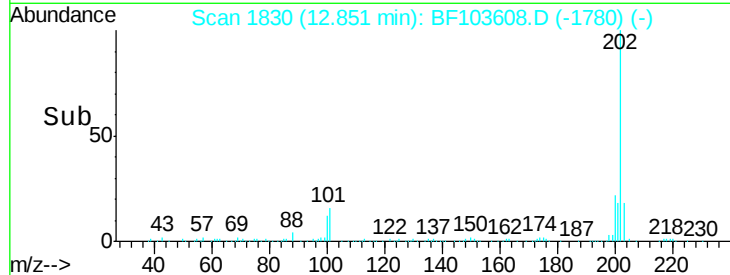
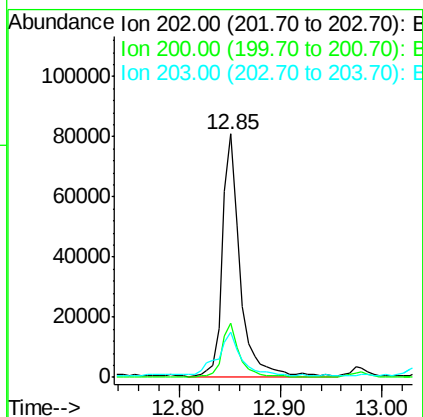
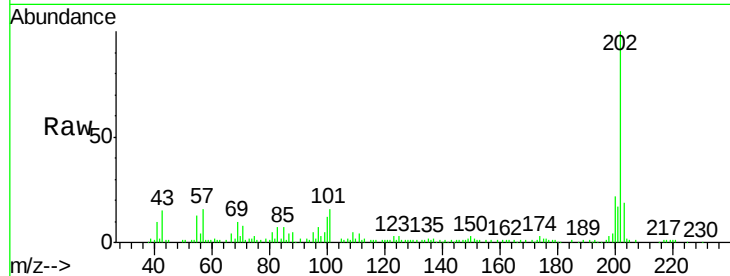
Ion 236.00 (235.70 to 236.70): E





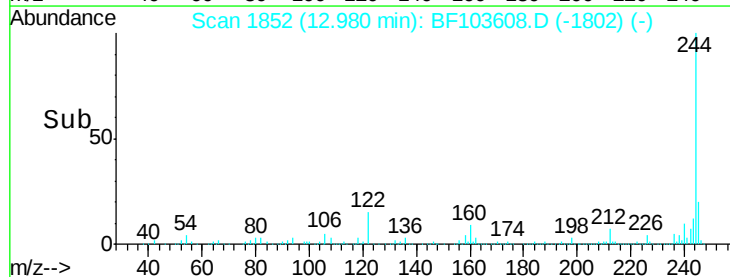
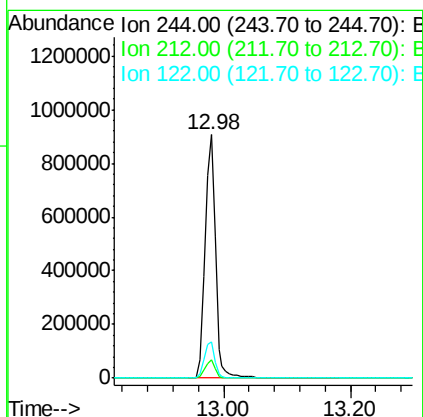
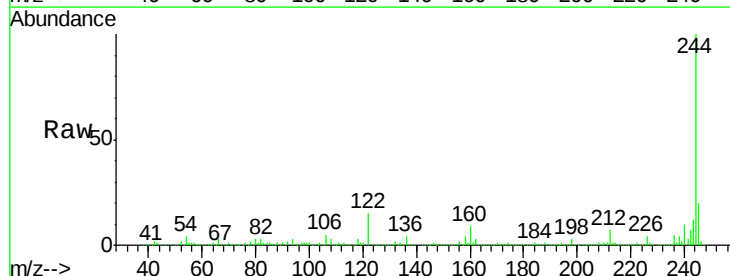
#77
Pvrene
Concen: 4.095 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF103608.D
Acq: 13 Mar 2018 17:01

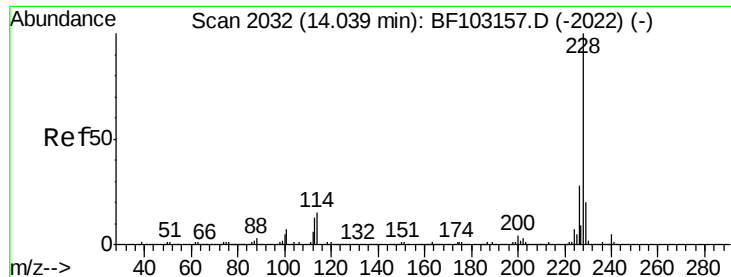
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.4	26.2
203	18.8	14.3	21.5



#78
Terphenyl-d14
Concen: 81.313 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BF103608.D
Acq: 13 Mar 2018 17:01

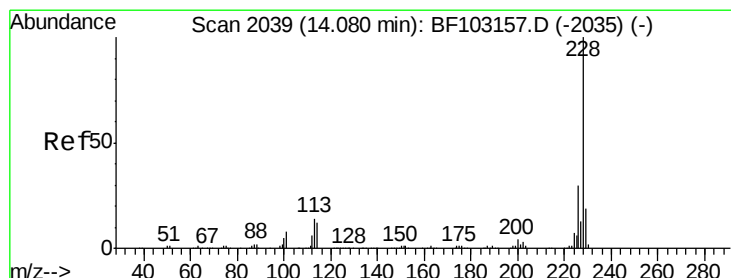
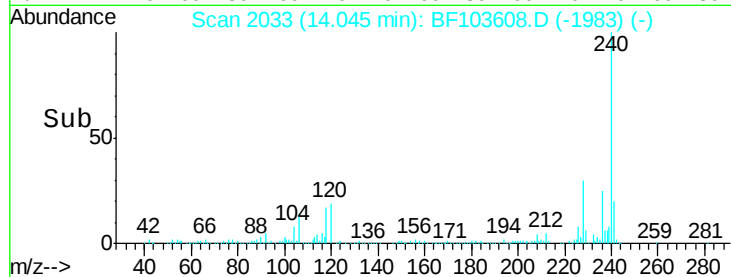
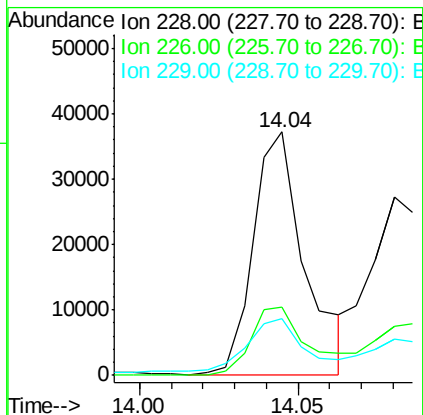
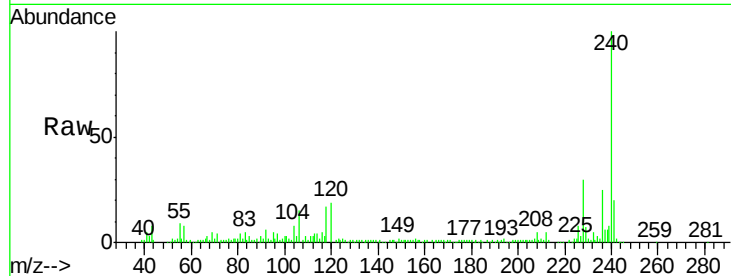
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.4	8.0
122	14.8	11.0	16.4





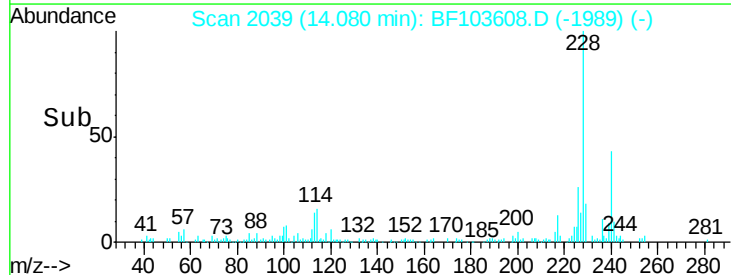
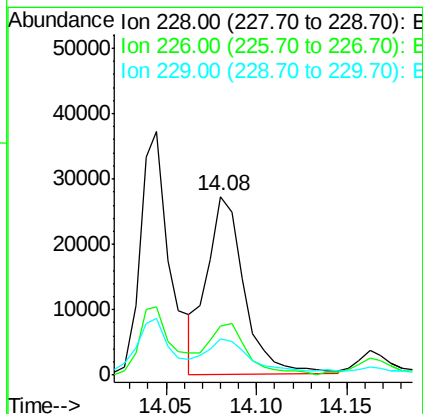
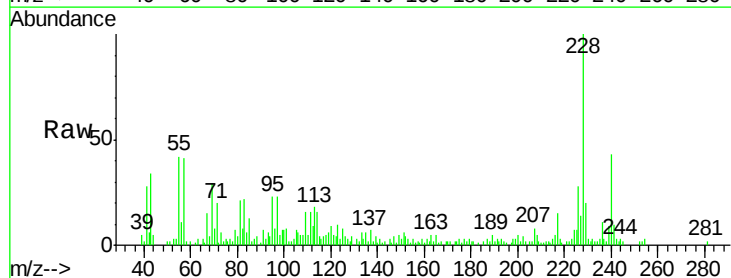
#80
Benzo(a)anthracene
Concen: 2.147 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF103608.D
Acq: 13 Mar 2018 17:01

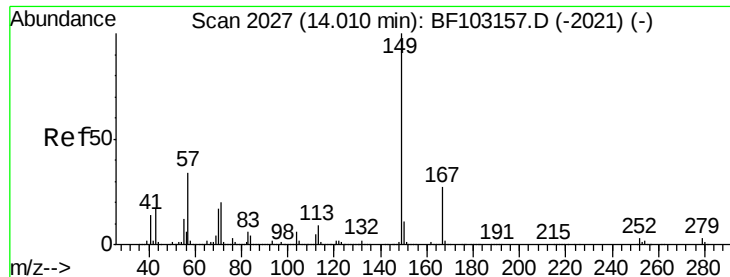
Tot Ion:228 Resp: 42191
Ion Ratio Lower Upper
228 100
226 27.8 22.6 33.8
229 23.4 15.8 23.6



#82
Chrysene
Concen: 2.051 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BF103608.D
Acq: 13 Mar 2018 17:01

Tgt Ion:228 Resp: 39135
Ion Ratio Lower Upper
228 100
226 27.5 25.0 37.6
229 20.0 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.331 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF103608.D

Acq: 13 Mar 2018 17:01

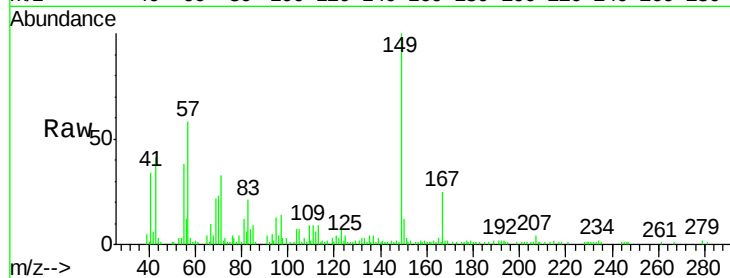
Tot Ion:149 Resp: 39240

Ion Ratio Lower Upper

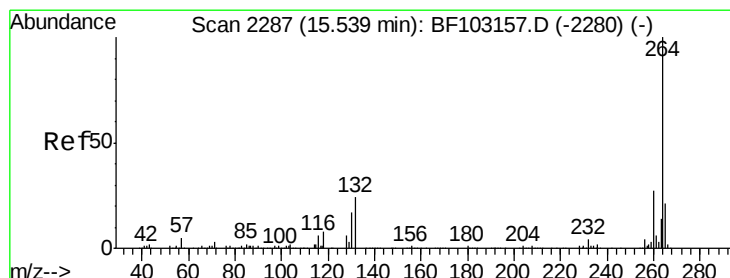
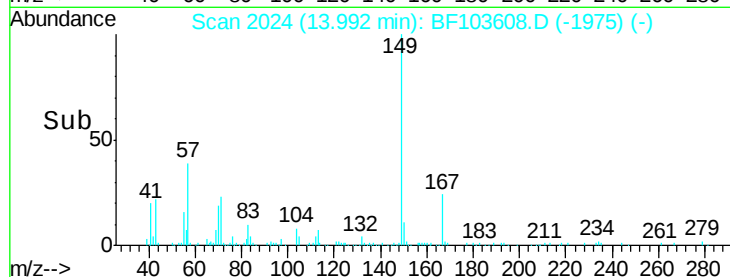
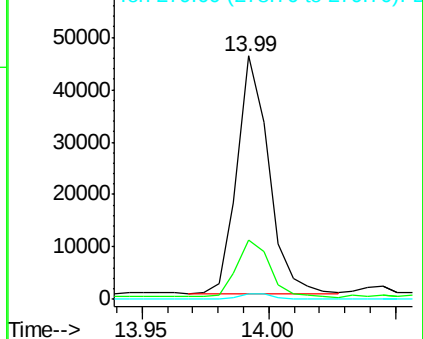
149 100

167 24.5 21.3 31.9

279 2.2 3.0 4.4#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.56 min Scan# 2291

Delta R.T. -0.01 min

Lab File: BF103608.D

Acq: 13 Mar 2018 17:01

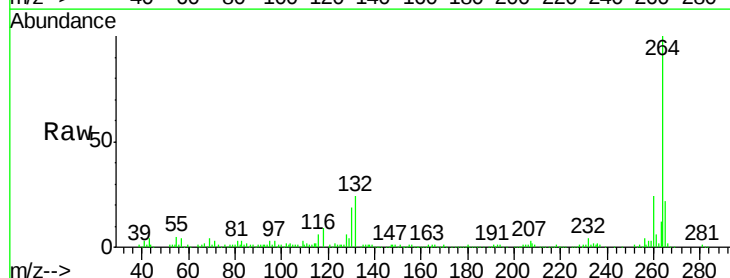
Tgt Ion:264 Resp: 244678

Ion Ratio Lower Upper

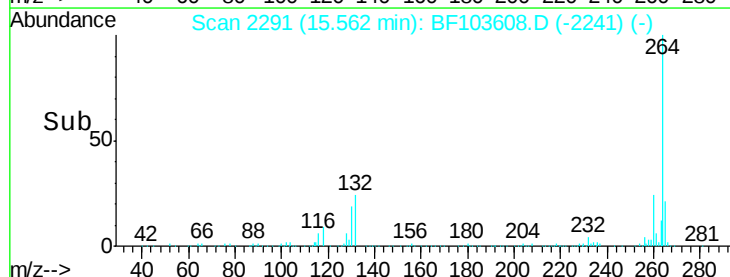
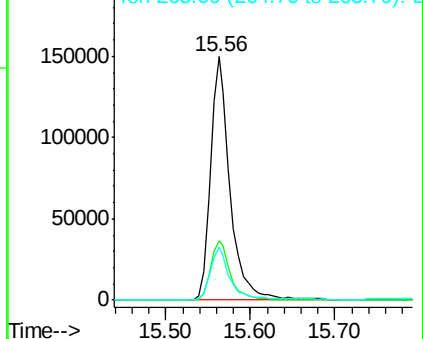
264 100

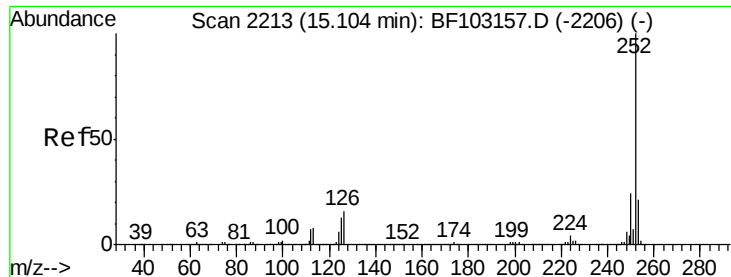
260 24.4 19.2 28.8

265 21.6 17.5 26.3



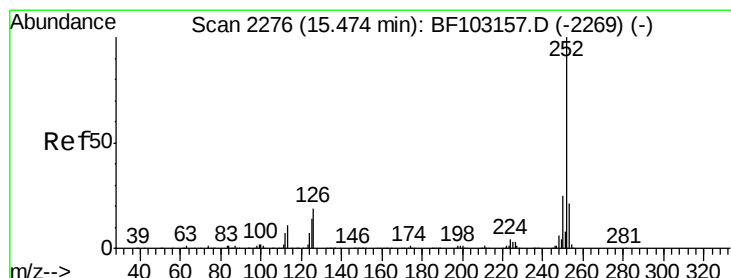
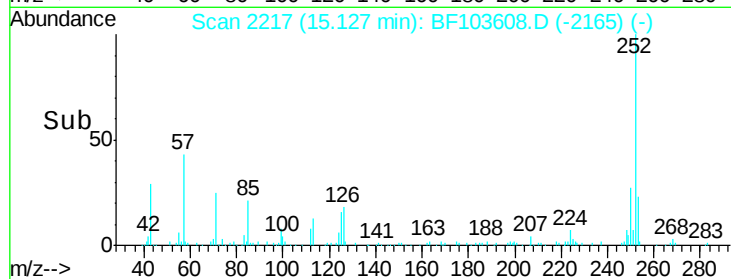
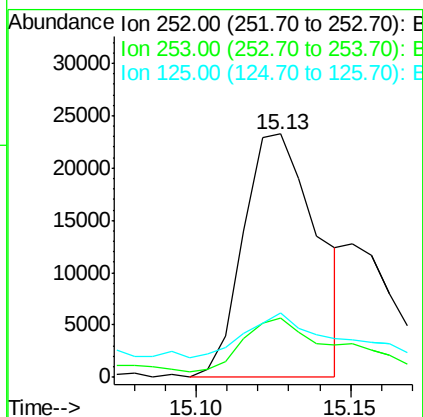
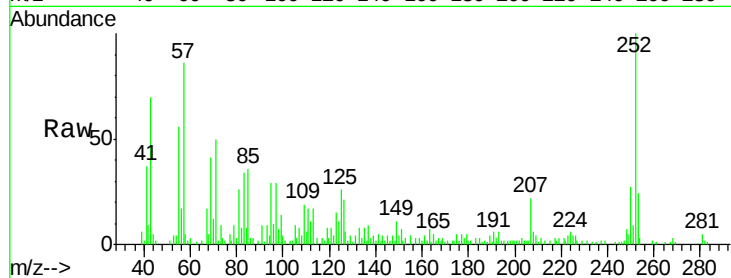
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87
Benzo(b)fluoranthene
Concen: 2.407 ng m
RT: 15.13 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BF103608.D
Acq: 13 Mar 2018 17:01

Tot Ion:252 Resp: 38722
Ion Ratio Lower Upper
252 100
253 24.4 17.0 25.6
125 26.3 9.0 13.6#



#89
Benzo(a)pyrene
Concen: 2.008 ng m
RT: 15.50 min Scan# 2281
Delta R.T. 0.00 min
Lab File: BF103608.D
Acq: 13 Mar 2018 17:01

Tgt Ion:252 Resp: 28847
Ion Ratio Lower Upper
252 100
253 24.3 17.1 25.7
125 21.6 9.8 14.6#

