

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031318\
 Data File : BF103606.D
 Acq On : 13 Mar 2018 16:08
 Operator : SJ/JU
 Sample : J1821-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 13 16:49:31 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	132498	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	574804	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	255537	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	434014	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	263444	20.00	ng	-0.01
86) Perylene-d12	15.56	264	233371	20.00	ng	0.00

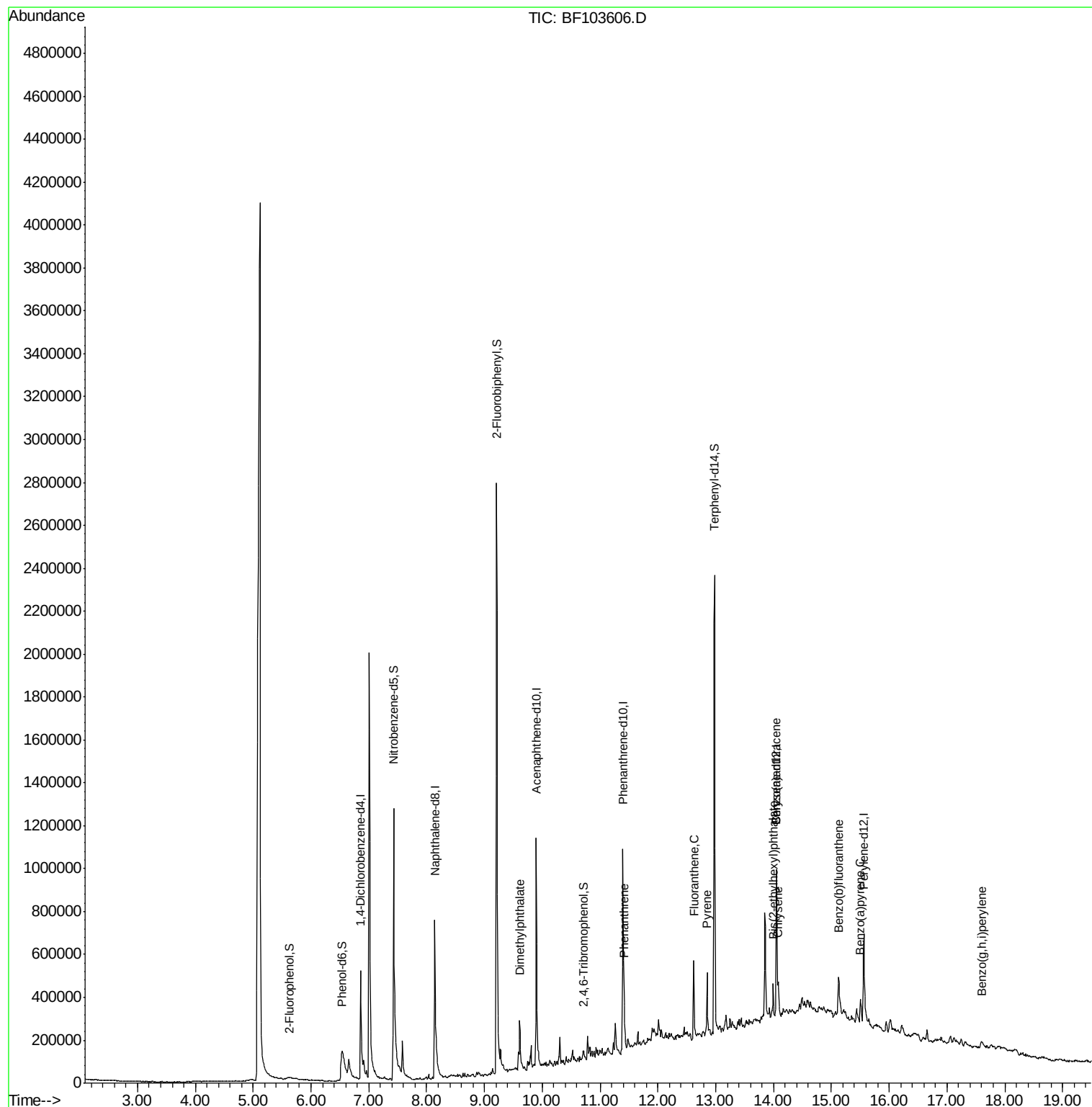
System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.62	112	26345m	3.01	ng	0.14
7) Phenol-d6	6.53	99	194161	18.11	ng	0.02
23) Nitrobenzene-d5	7.43	82	764958	76.00	ng	-0.01
41) 2,4,6-Tribromophenol	10.72	330	5421	2.51	ng	0.01
44) 2-Fluorobiphenyl	9.21	172	1051789	67.46	ng	-0.01
78) Terphenyl-d14	12.98	244	780079	71.18	ng	0.00

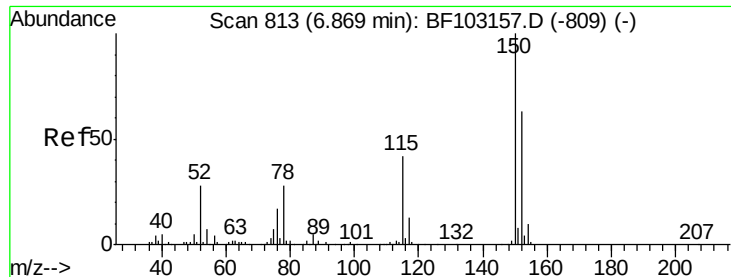
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
49) Dimethylphthalate	9.61	163	125494	6.122	ng	99
70) Phenanthrene	11.42	178	69921	2.927	ng	99
74) Fluoranthene	12.62	202	146840	6.118	ng	98
77) Pyrene	12.85	202	139997	6.816	ng	100
80) Benzo(a)anthracene	14.04	228	58354	3.414	ng	97
82) Chrysene	14.08	228	59010	3.555	ng	97
83) Bis(2-ethylhexyl)phthalate	13.99	149	36896	2.519	ng	# 99
87) Benzo(b)fluoranthene	15.13	252	69629m	4.538	ng	
89) Benzo(a)pyrene	15.50	252	54329	3.965	ng	# 89
91) Benzo(g,h,i)perylene	17.60	276	28746	2.778	ng	# 92

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

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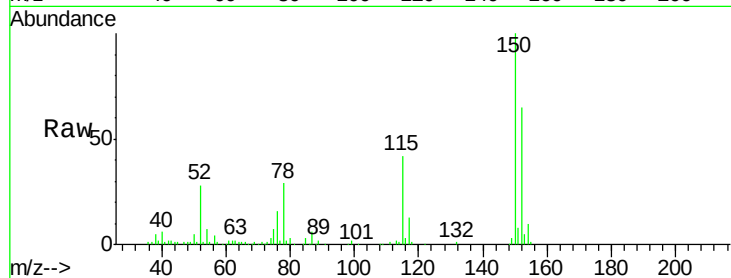




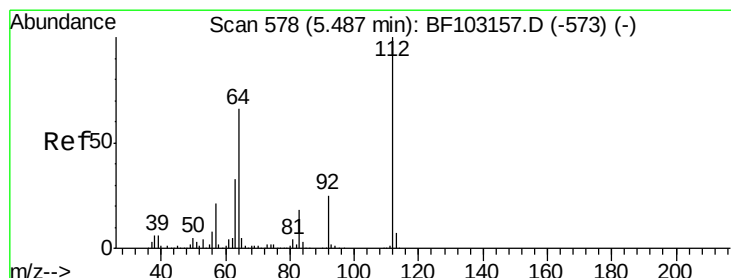
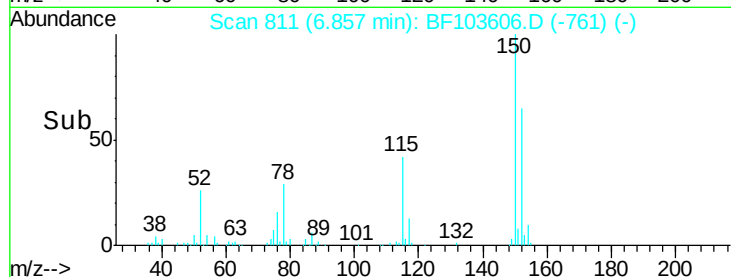
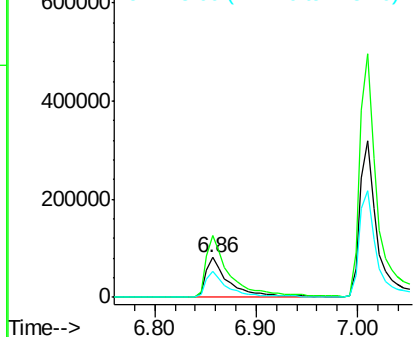
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF103606.D
Acq: 13 Mar 2018 16:08

Tot Ion	152	Resp	132498
Ion Ratio	100		
Lower	124.6		
Upper	186.8		
150	153.0		
115	64.5		
	50.1		
	75.1		



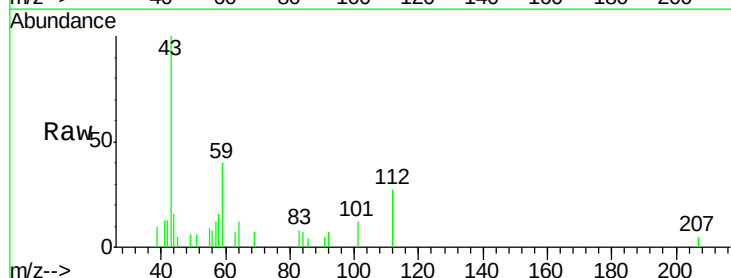
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



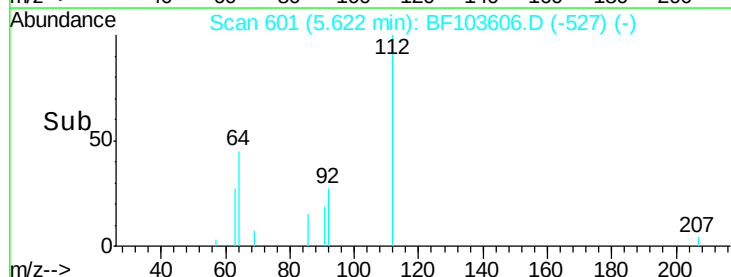
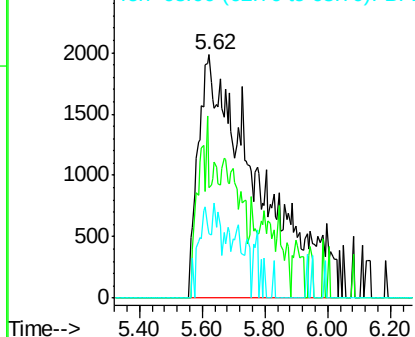
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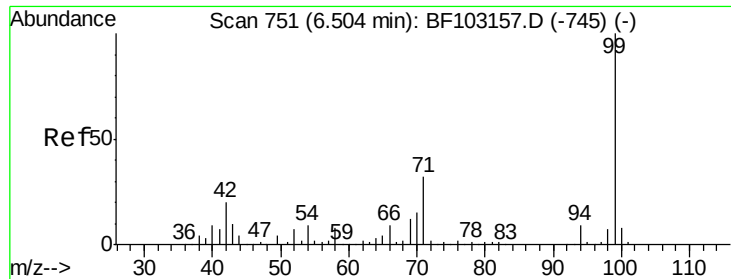
2-Fluorophenol
Concen: 3.007 ng m
RT: 5.62 min Scan# 601
Delta R.T. 0.14 min
Lab File: BF103606.D
Acq: 13 Mar 2018 16:08

Tgt Ion	112	Resp	26345
Ion Ratio	100		
Lower	47.9		
Upper	71.9#		
64	45.2		
63	26.7		
	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: 18.112 ng

RT: 6.53 min Scan# 755

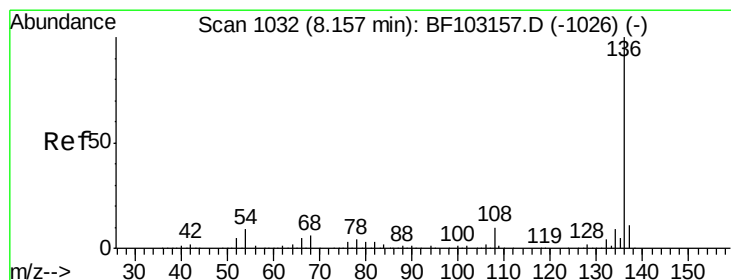
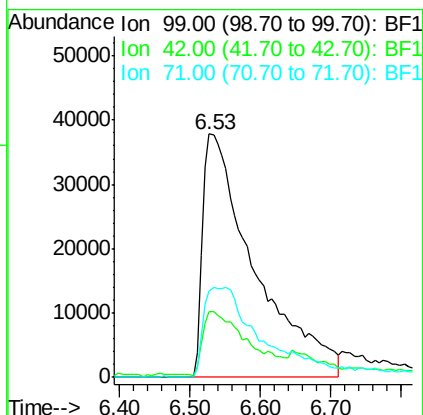
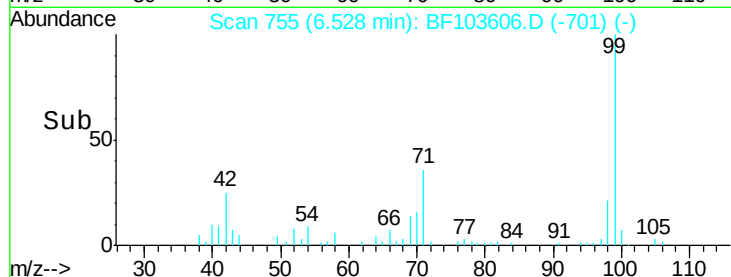
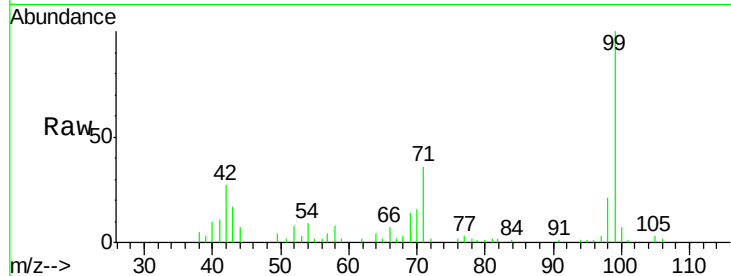
Delta R.T. 0.02 min

Lab File: BF103606.D

Acq: 13 Mar 2018 16:08

Tot Ion: 99 Resp: 194161

Ion	Ratio	Lower	Upper
99	100		
42	27.1	14.5	21.7#
71	35.5	25.4	38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

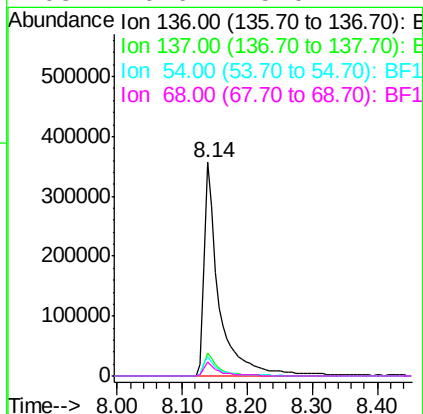
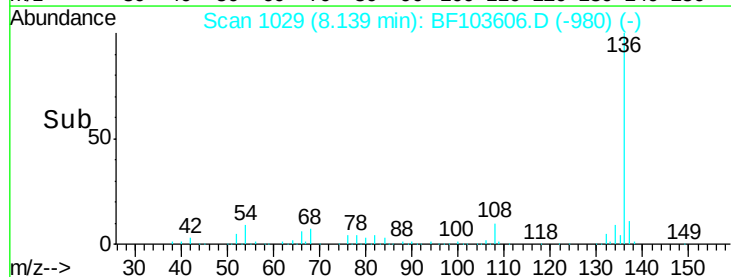
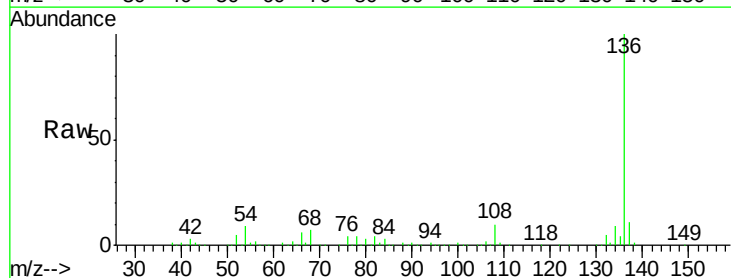
Delta R.T. -0.01 min

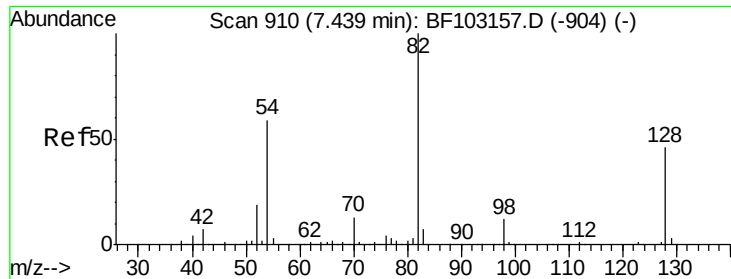
Lab File: BF103606.D

Acq: 13 Mar 2018 16:08

Tgt Ion: 136 Resp: 574804

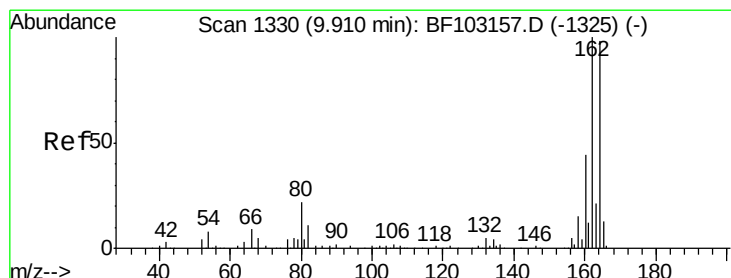
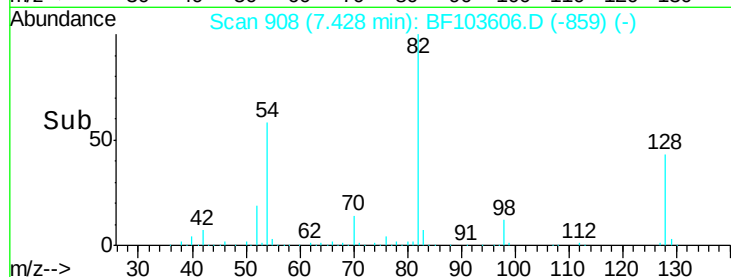
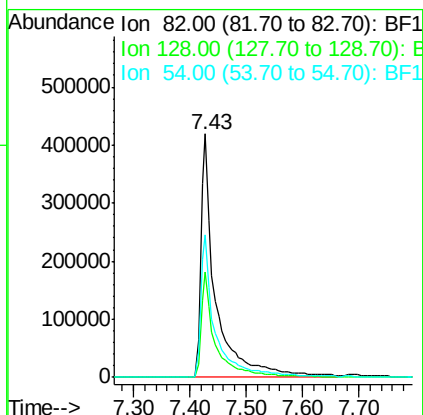
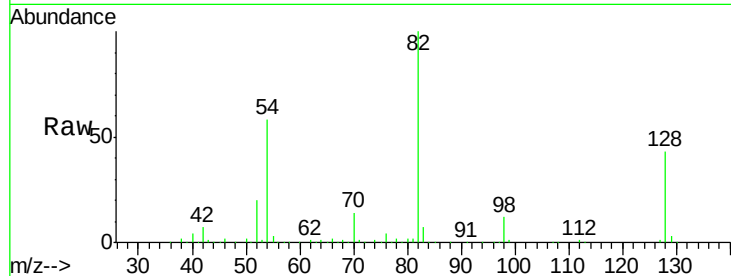
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.3	6.6	9.8
68	6.6	5.0	7.4





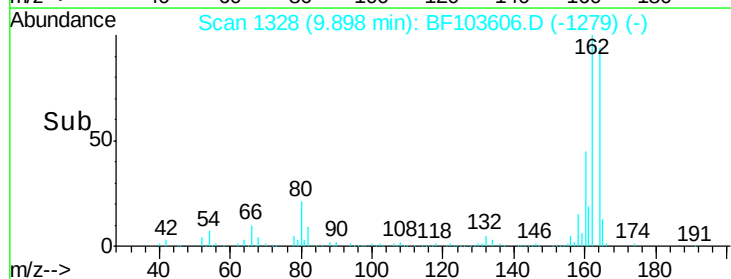
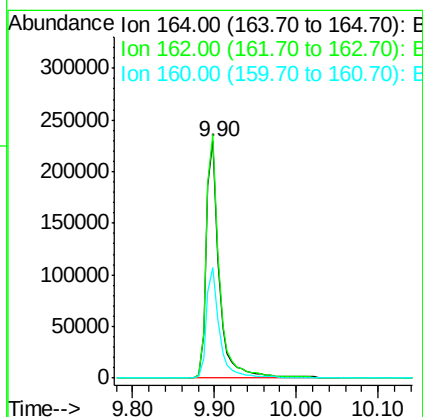
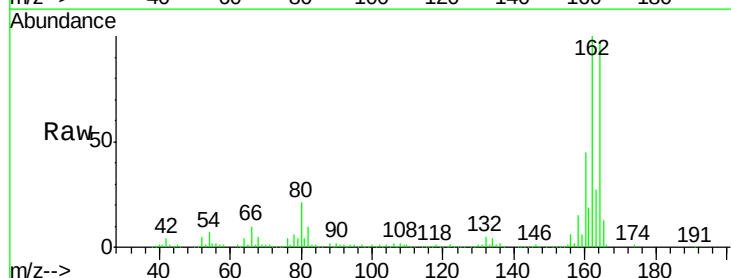
#23
 Nitrobenzene-d5
 Concen: 76.001 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF103606.D
 Acq: 13 Mar 2018 16:08

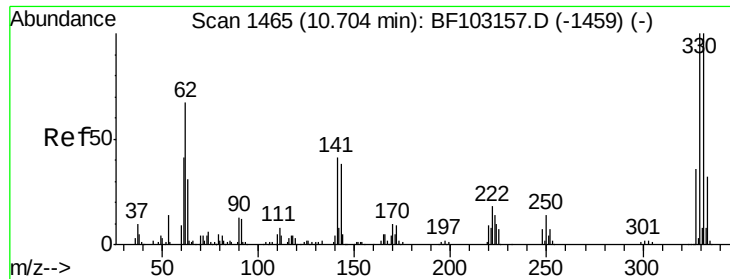
Tot Ion	82	Resp	764958
Ion Ratio	100		
Lower	36.1		
Upper	54.1		
54	58.5	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF103606.D
 Acq: 13 Mar 2018 16:08

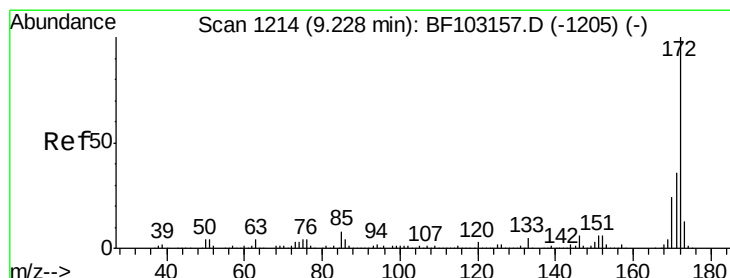
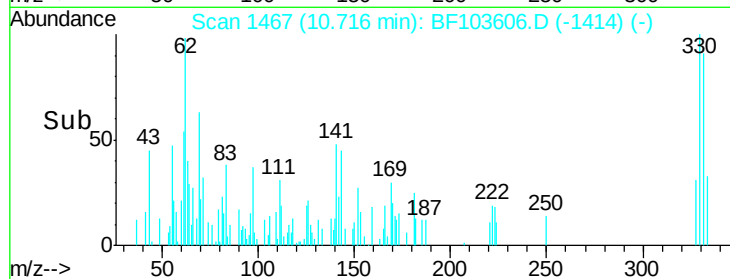
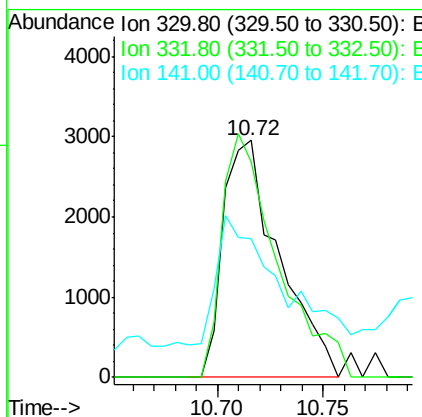
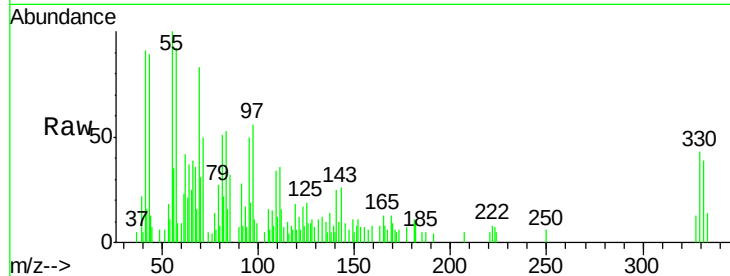
Tgt Ion	164	Resp	255537
Ion Ratio	100		
Lower	86.1		
Upper	129.1		
162	102.8	38.3	57.5
160	46.5		





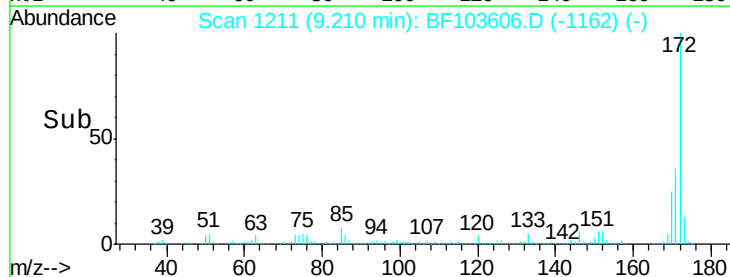
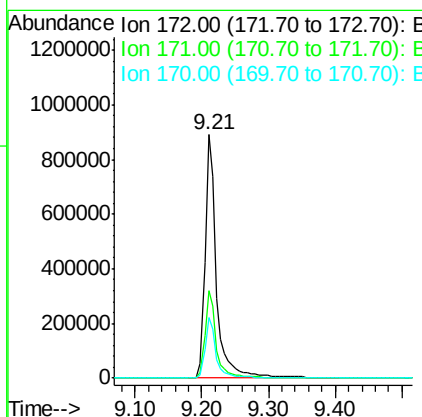
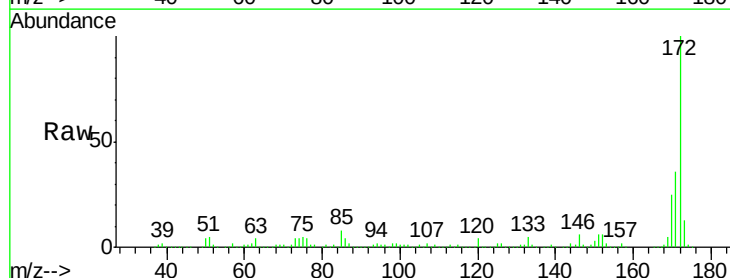
#41
 2,4,6-Tribromophenol
 Concen: 2.506 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.01 min
 Lab File: BF103606.D
 Acq: 13 Mar 2018 16:08

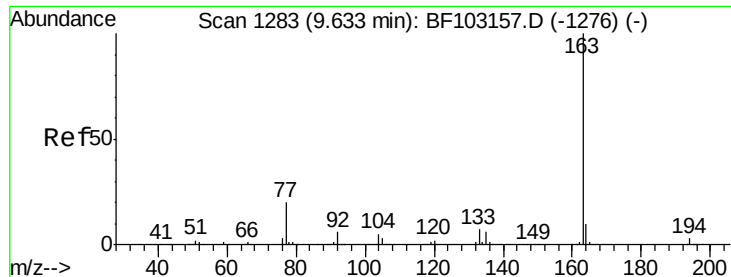
Tot Ion:330 Resp: 5421
 Ion Ratio Lower Upper
 330 100
 332 102.3 77.0 115.6
 141 61.4 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 67.457 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF103606.D
 Acq: 13 Mar 2018 16:08

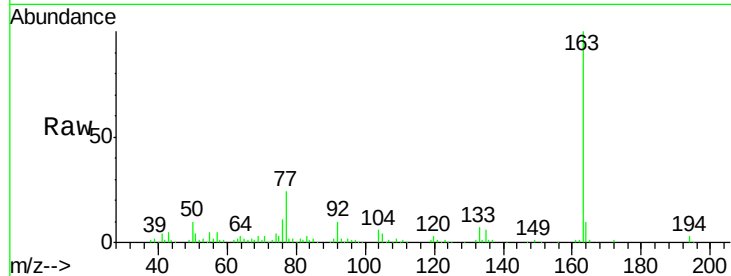
Tgt Ion:172 Resp: 1051789
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 24.8 19.6 29.4



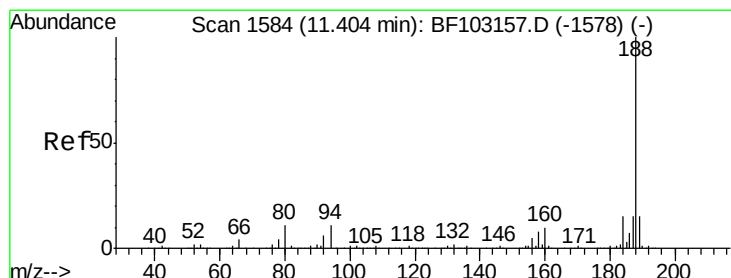
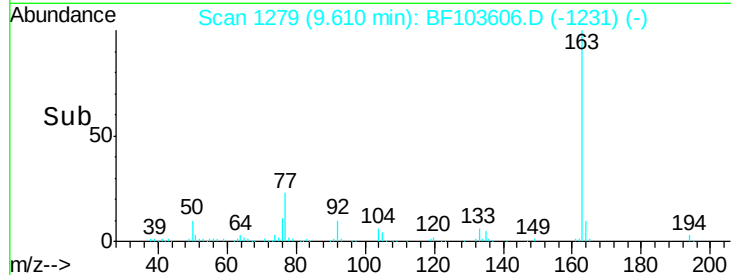
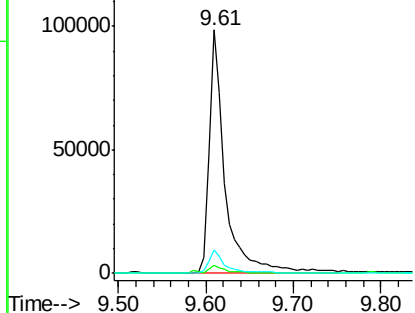


#49
Dimethylphthalate
Concen: 6.122 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.02 min
Lab File: BF103606.D
Acq: 13 Mar 2018 16:08

Tot Ion:163 Resp: 125494
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 9.6 8.2 12.2

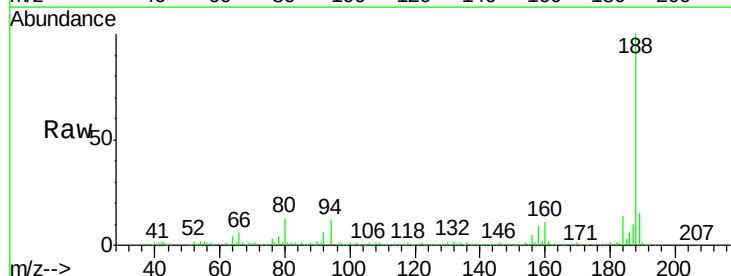


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

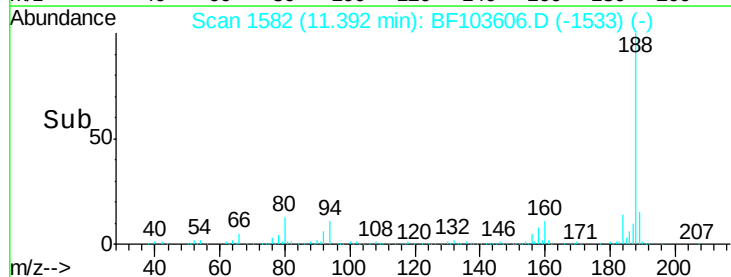
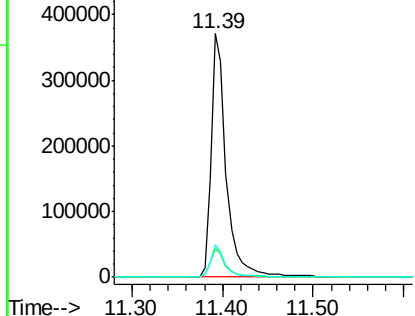


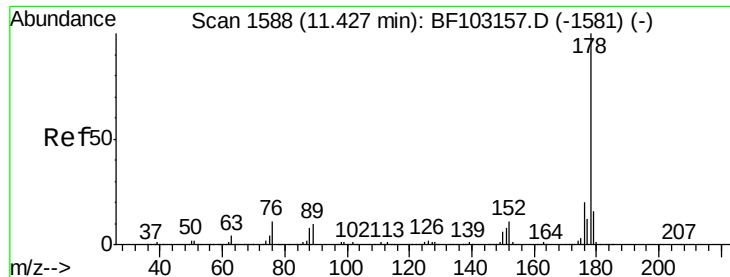
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF103606.D
Acq: 13 Mar 2018 16:08

Tgt Ion:188 Resp: 434014
Ion Ratio Lower Upper
188 100
94 11.6 8.5 12.7
80 13.3 9.2 13.8



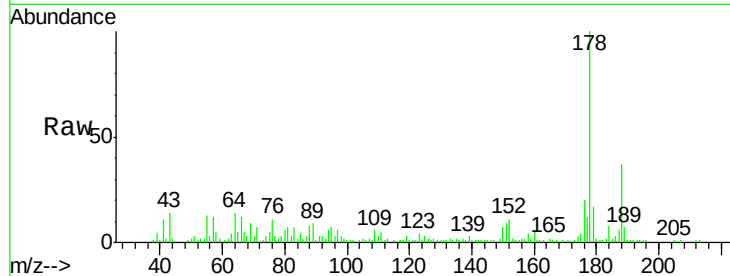
Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1



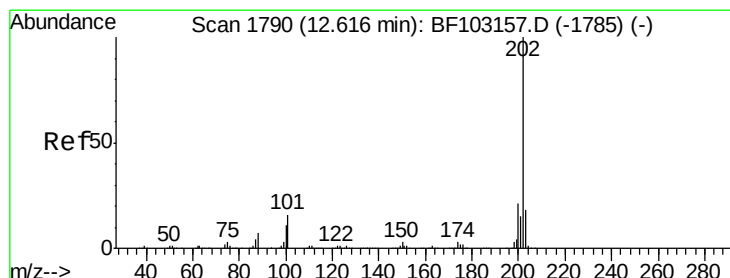
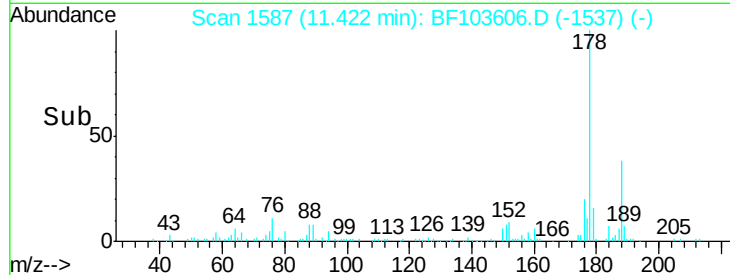
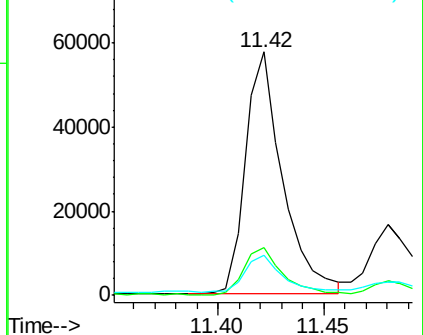


#70
 Phenanthrene
 Concen: 2.927 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.01 min
 Lab File: BF103606.D
 Acq: 13 Mar 2018 16:08

Tot	Ion:178	Resp:	69921
Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	16.7	13.0	19.6

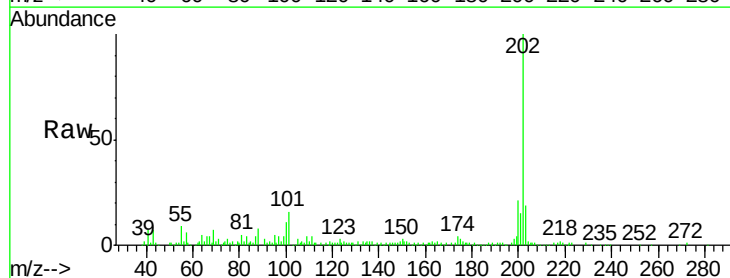


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

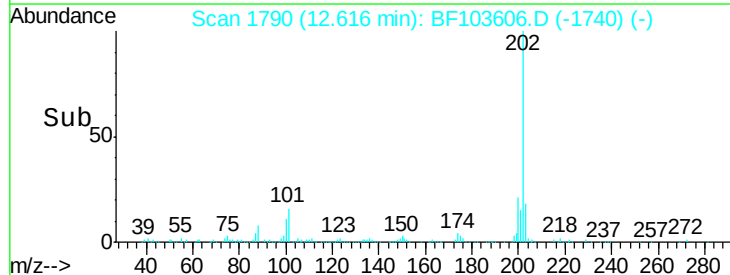
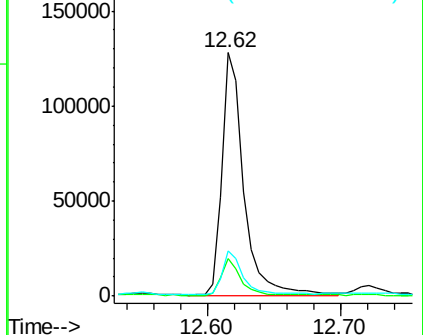


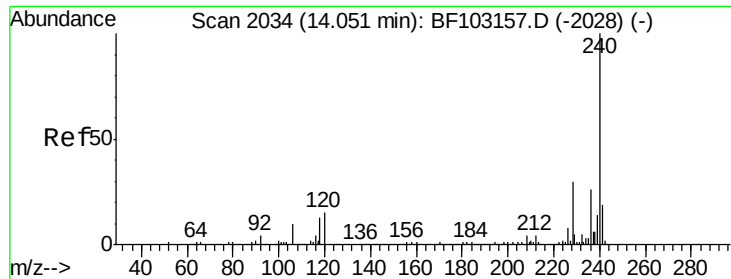
#74
 Fluoranthene
 Concen: 6.118 ng
 RT: 12.62 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: BF103606.D
 Acq: 13 Mar 2018 16:08

Tgt	Ion:202	Resp:	146840
Ion	Ratio	Lower	Upper
202	100		
101	15.6	0.0	34.1
203	18.5	0.0	38.1



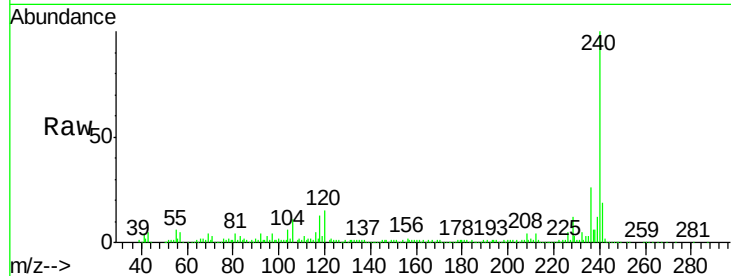
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E



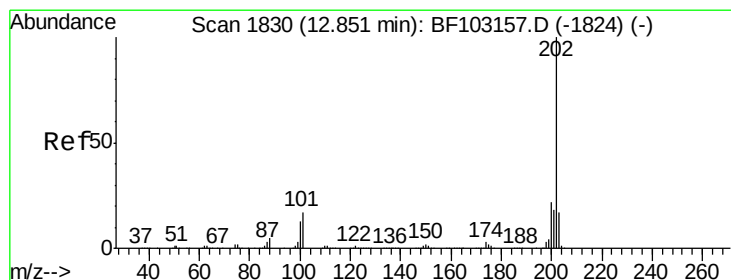
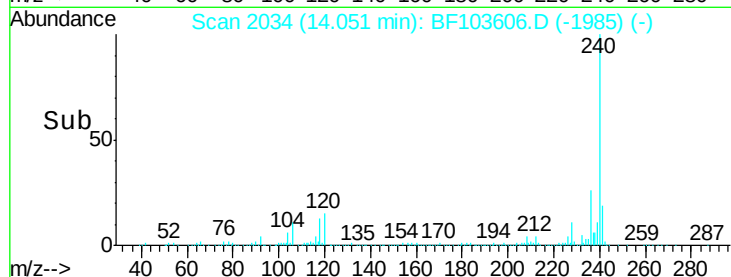
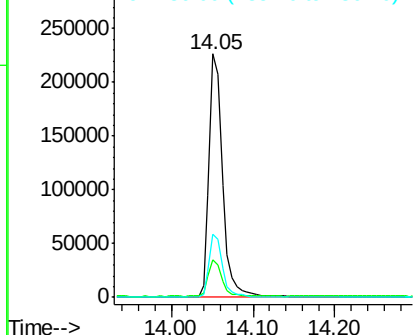


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF103606.D
Acq: 13 Mar 2018 16:08

Tot Ion:240 Resp: 263444
Ion Ratio Lower Upper
240 100
120 15.3 9.5 14.3#
236 26.0 20.7 31.1

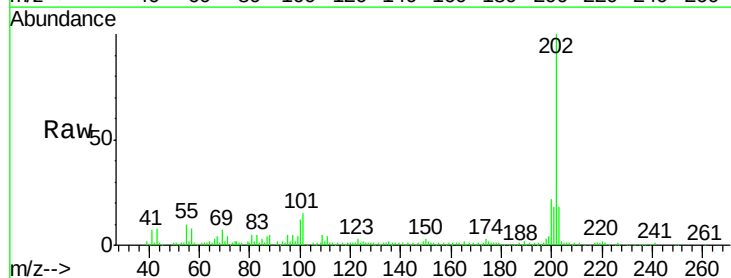


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

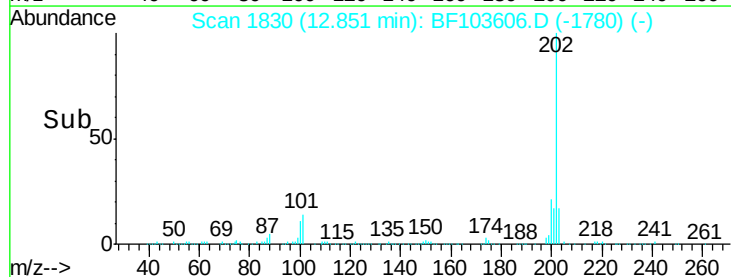
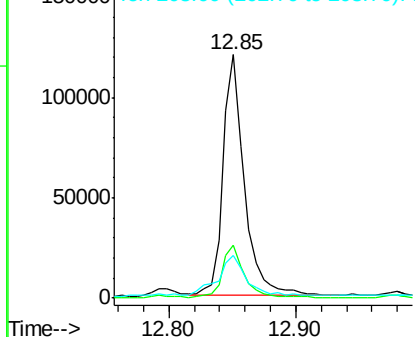


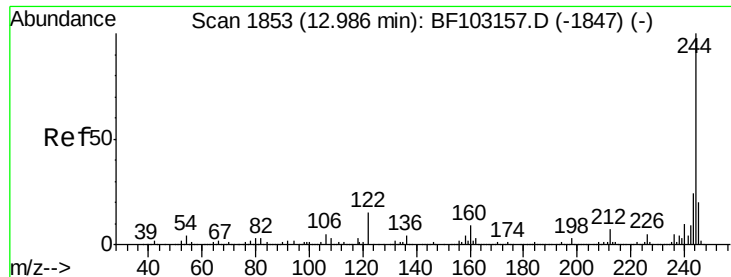
#77
Pyrene
Concen: 6.816 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF103606.D
Acq: 13 Mar 2018 16:08

Tgt Ion:202 Resp: 139997
Ion Ratio Lower Upper
202 100
200 21.6 17.4 26.2
203 17.6 14.3 21.5



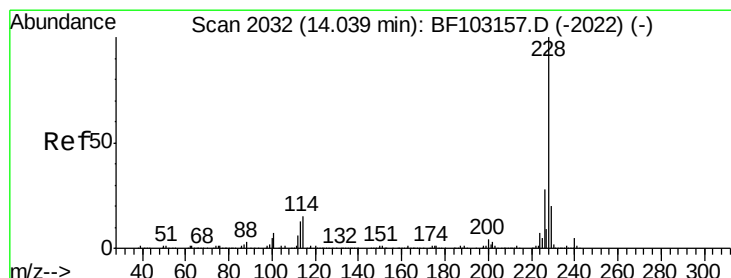
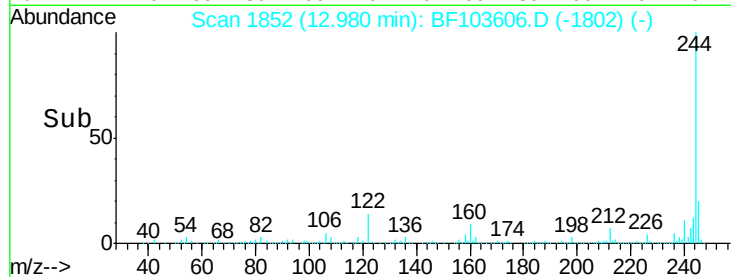
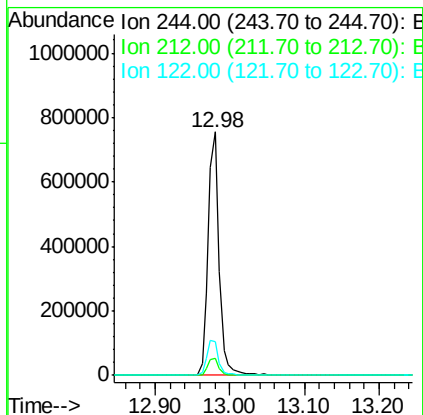
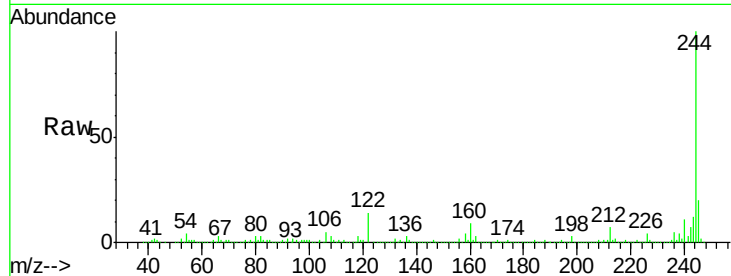
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





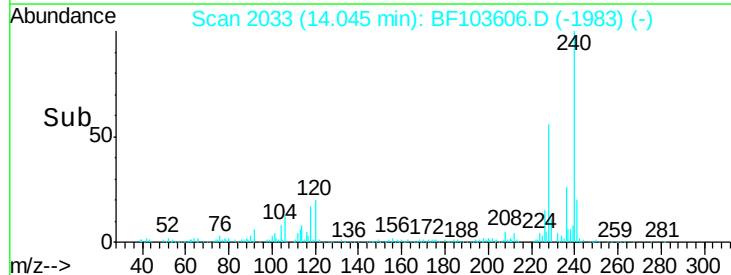
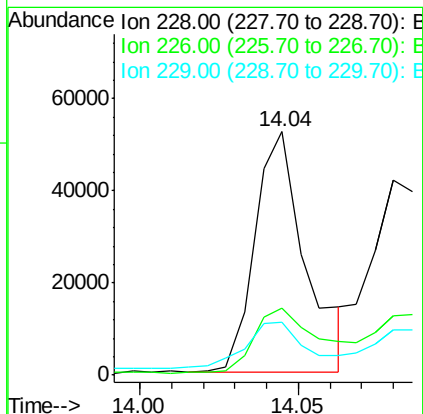
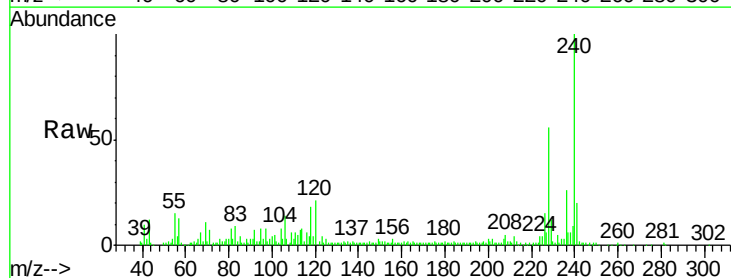
#78
 Terphenyl-d14
 Concen: 71.180 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.01 min
 Lab File: BF103606.D
 Acq: 13 Mar 2018 16:08

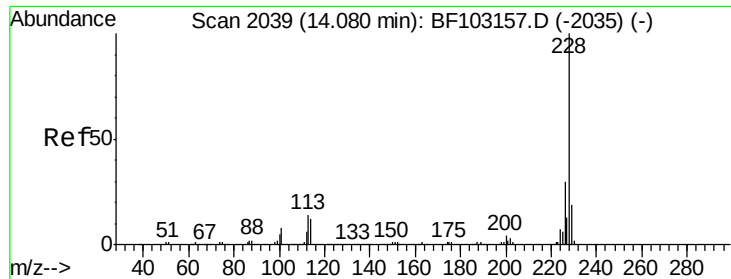
Tot Ion:244 Resp: 780079
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 13.8 11.0 16.4



#80
 Benzo(a)anthracene
 Concen: 3.414 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF103606.D
 Acq: 13 Mar 2018 16:08

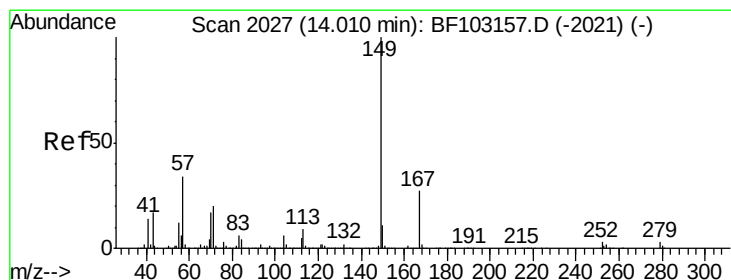
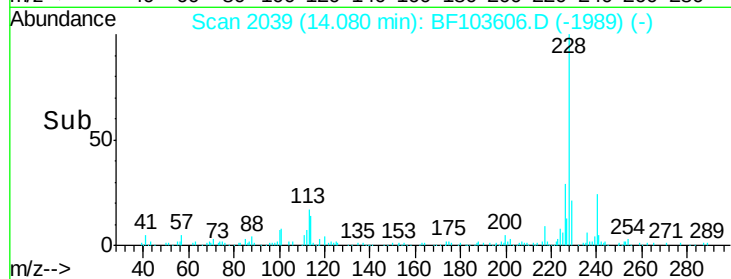
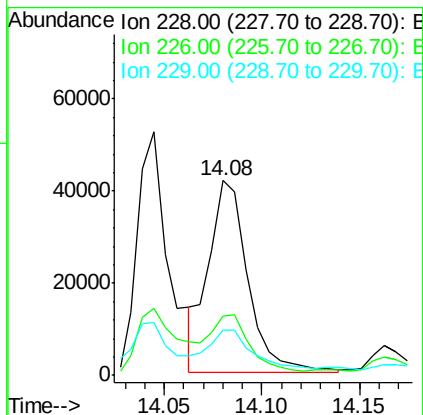
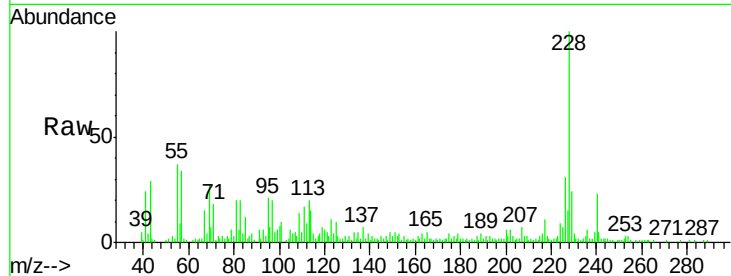
Tgt Ion:228 Resp: 58354
 Ion Ratio Lower Upper
 228 100
 226 27.3 22.6 33.8
 229 21.5 15.8 23.6





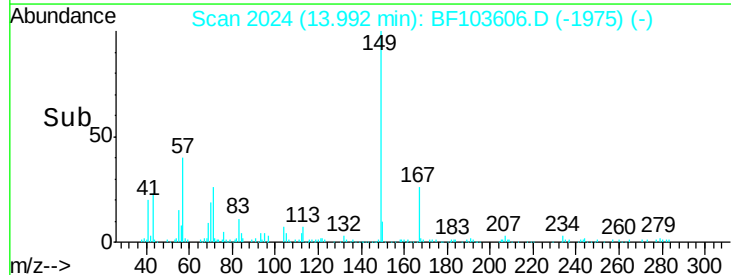
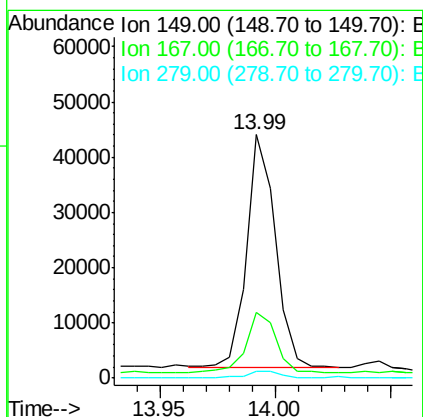
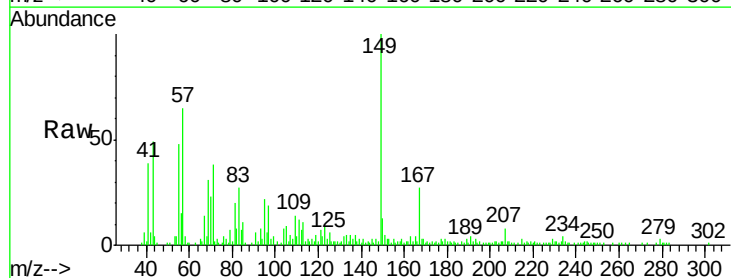
#82
Chrysene
Concen: 3.555 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BF103606.D
Acq: 13 Mar 2018 16:08

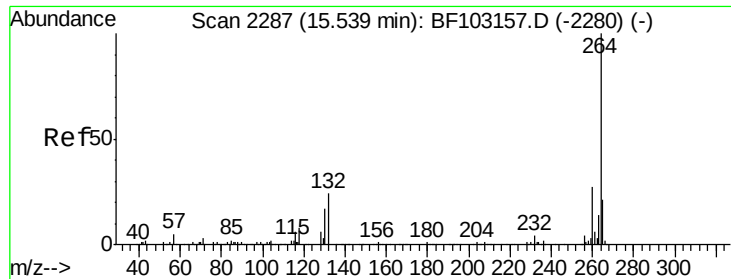
Tot Ion:228	Resp:	59010
Ion	Ratio	Lower Upper
228	100	
226	30.8	25.0 37.6
229	23.5	16.2 24.4



#83
Bis(2-ethylhexyl)phthalate
Concen: 2.519 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF103606.D
Acq: 13 Mar 2018 16:08

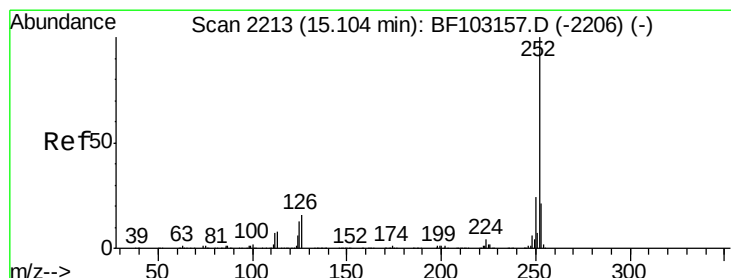
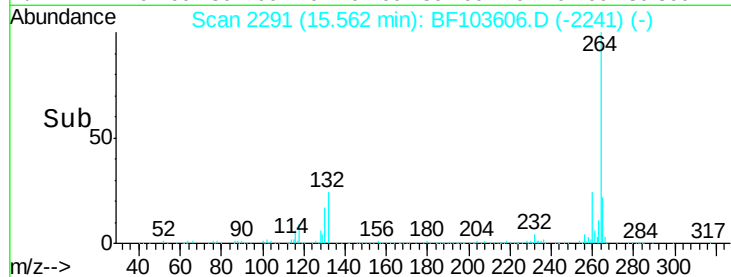
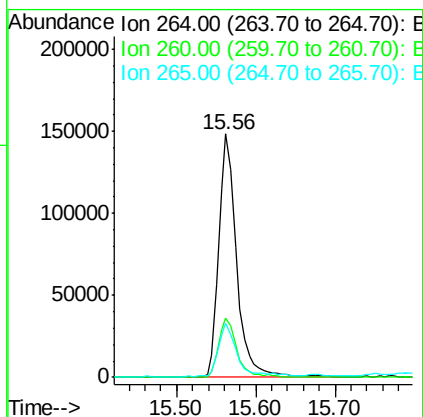
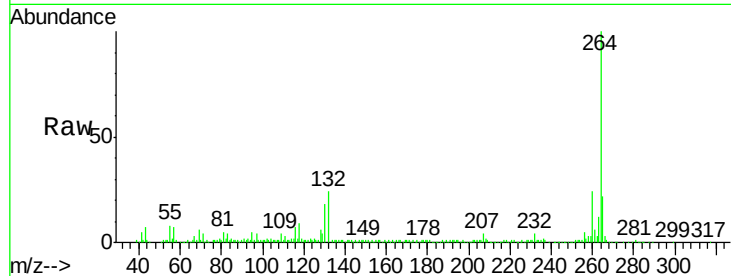
Tgt Ion:149	Resp:	36896
Ion	Ratio	Lower Upper
149	100	
167	26.9	21.3 31.9
279	2.9	3.0 4.4#





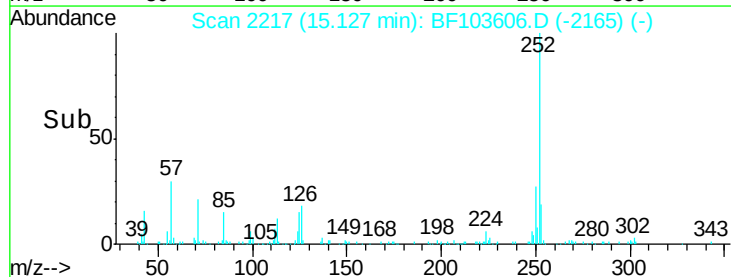
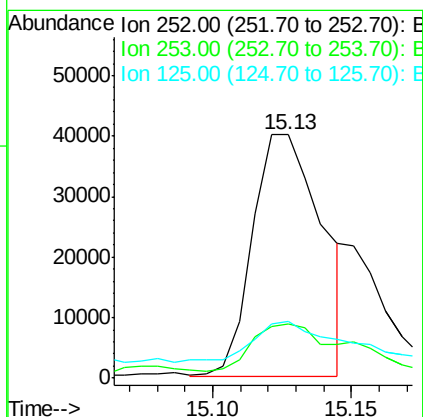
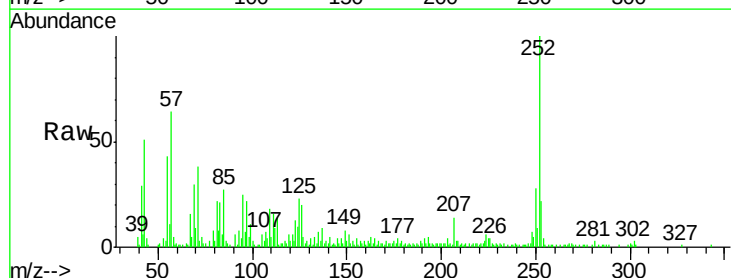
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BF103606.D
Acq: 13 Mar 2018 16:08

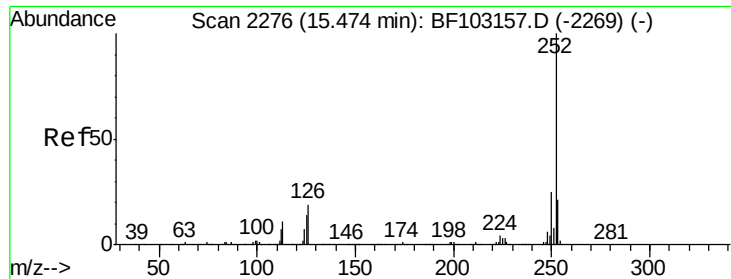
Tot Ion:264 Resp: 233371
Ion Ratio Lower Upper
264 100
260 24.2 19.2 28.8
265 22.5 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 4.538 ng m
RT: 15.13 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BF103606.D
Acq: 13 Mar 2018 16:08

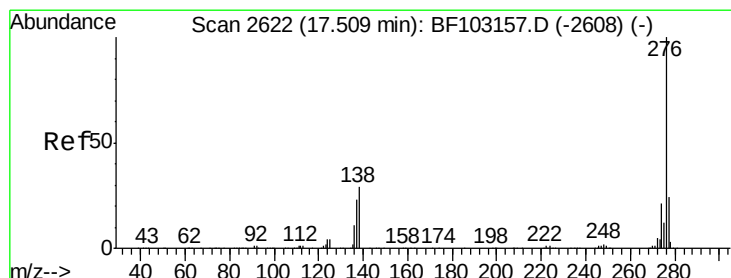
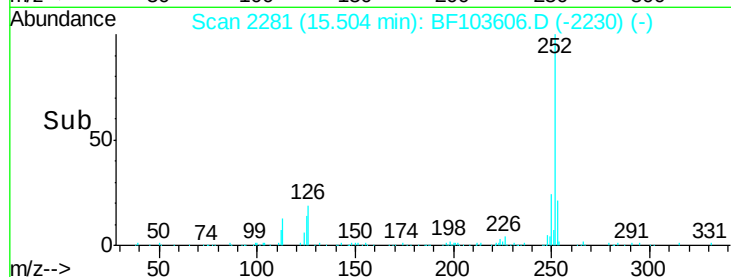
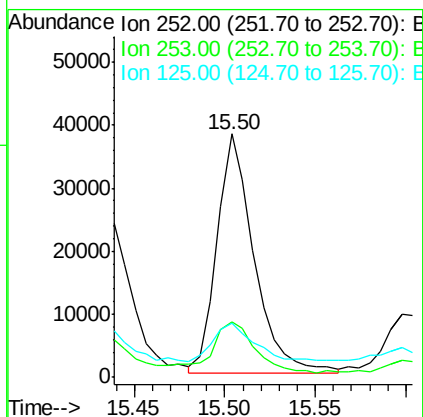
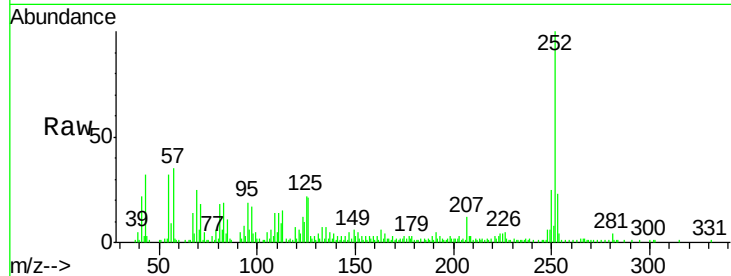
Tgt Ion:252 Resp: 69629
Ion Ratio Lower Upper
252 100
253 22.5 17.0 25.6
125 23.1 9.0 13.6#





#89
Benzo(a)pyrene
Concen: 3.965 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.00 min
Lab File: BF103606.D
Acq: 13 Mar 2018 16:08

Tot Ion:252 Resp: 54329
Ion Ratio Lower Upper
252 100
253 22.9 17.1 25.7
125 22.3 9.8 14.6#



#91
Benzo(g,h,i)perylene
Concen: 2.778 ng
RT: 17.60 min Scan# 2638
Delta R.T. 0.02 min
Lab File: BF103606.D
Acq: 13 Mar 2018 16:08

Tgt Ion:276 Resp: 28746
Ion Ratio Lower Upper
276 100
277 28.6 17.9 26.9#
138 29.2 21.8 32.8

