

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031318\
 Data File : BF103605.D
 Acq On : 13 Mar 2018 15:41
 Operator : SJ/JU
 Sample : J1821-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

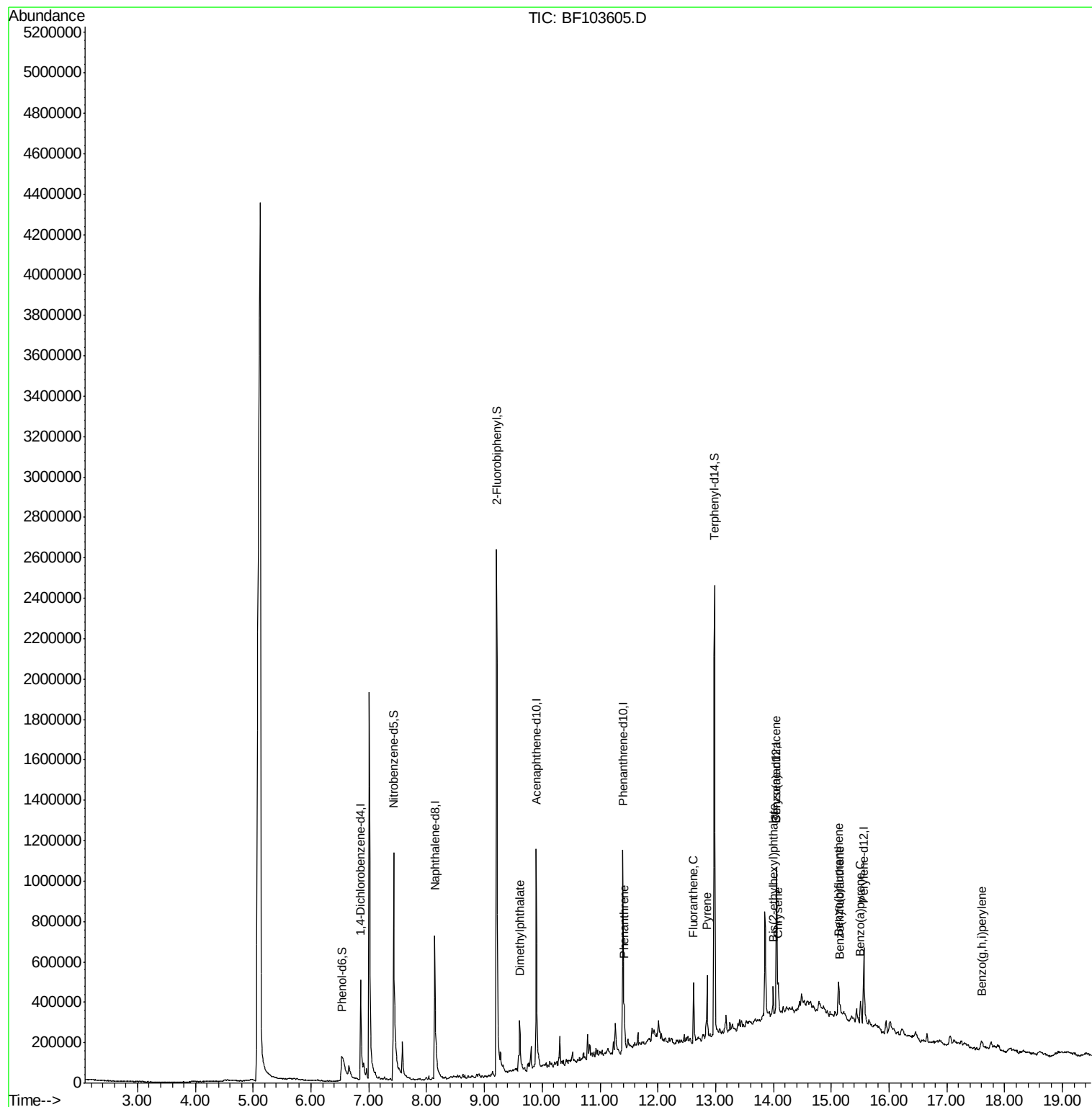
Quant Time: Mar 13 16:48:25 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 09 11:47:13 2018
 Response via : Initial Calibration

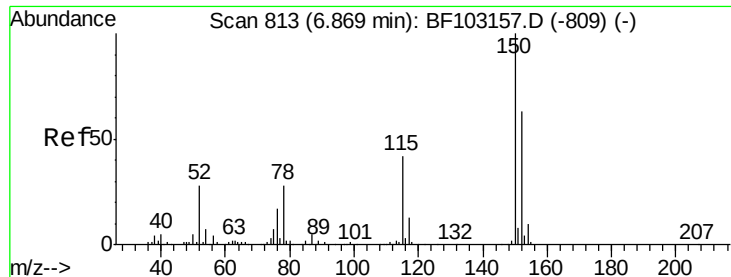
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	125363	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	559736	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	260354	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	457810	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	271626	20.00	ng	-0.01
86) Perylene-d12	15.56	264	227602	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	14784m	1.78	ng	0.16
7) Phenol-d6	6.53	99	167359m	16.50	ng	0.02
23) Nitrobenzene-d5	7.43	82	708826	72.32	ng	-0.01
41) 2,4,6-Tribromophenol	10.71	330	3778	1.71	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1008443	62.58	ng	-0.01
78) Terphenyl-d14	12.98	244	832105	73.64	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.61	163	131763	6.309	ng	97
70) Phenanthrene	11.42	178	76244	3.026	ng	99
74) Fluoranthene	12.62	202	148828	5.878	ng	98
77) Pyrene	12.85	202	138851	6.556	ng	98
80) Benzo(a)anthracene	14.05	228	61478	3.488	ng	97
82) Chrysene	14.08	228	58808	3.437	ng	96
83) Bis(2-ethylhexyl)phthalate	13.99	149	40062	2.653	ng	96
87) Benzo(b)fluoranthene	15.12	252	57010m	3.810	ng	
88) Benzo(k)fluoranthene	15.15	252	28318m	2.010	ng	
89) Benzo(a)pyrene	15.50	252	49751	3.723	ng	# 90
91) Benzo(a,h,i)perylene	17.59	276	30041	2.977	ng	# 90

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

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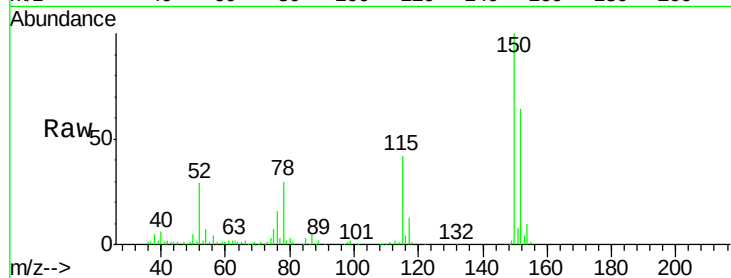




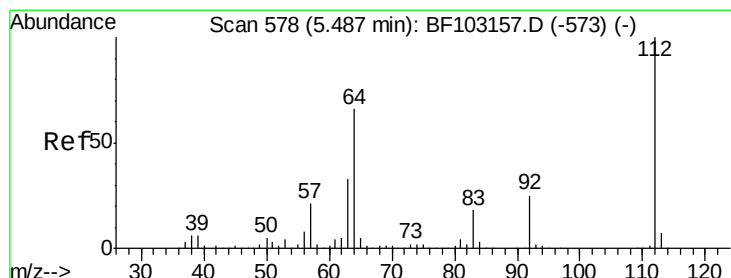
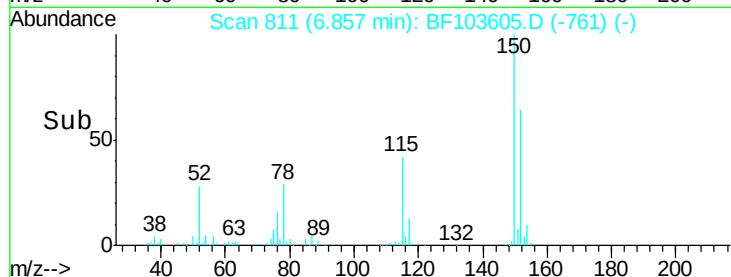
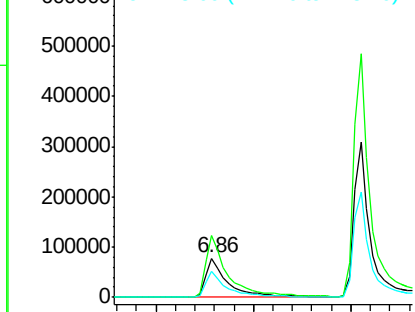
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF103605.D
Acq: 13 Mar 2018 15:41

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.6	186.8
115	65.8	50.1	75.1



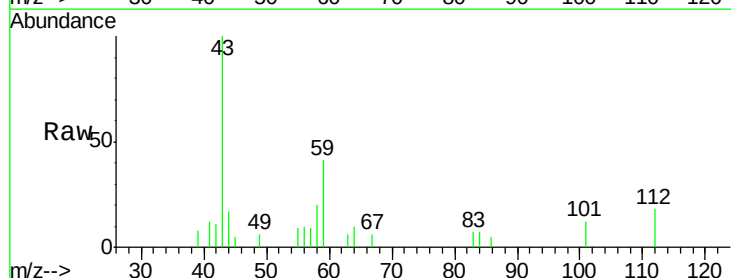
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



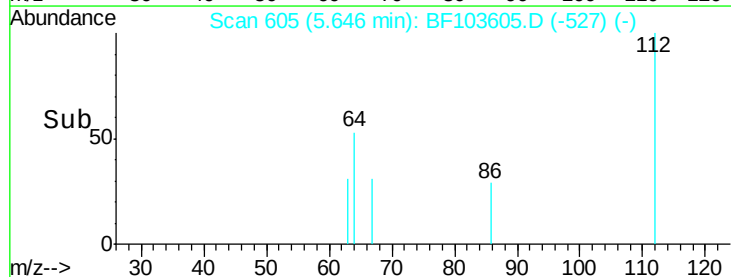
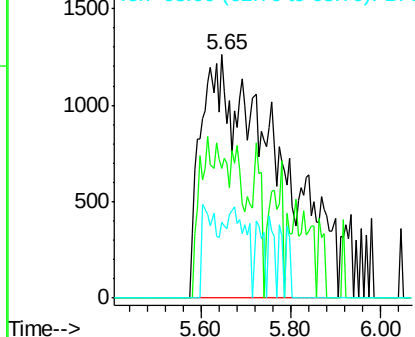
#5

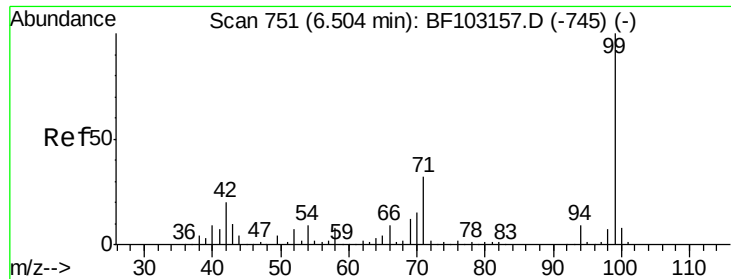
2-Fluorophenol
Concen: 1.784 ng m
RT: 5.65 min Scan# 605
Delta R.T. 0.16 min
Lab File: BF103605.D
Acq: 13 Mar 2018 15:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.1	47.9	71.9
63	31.3	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



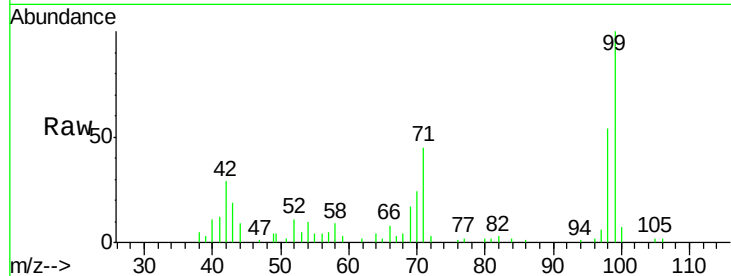


#7

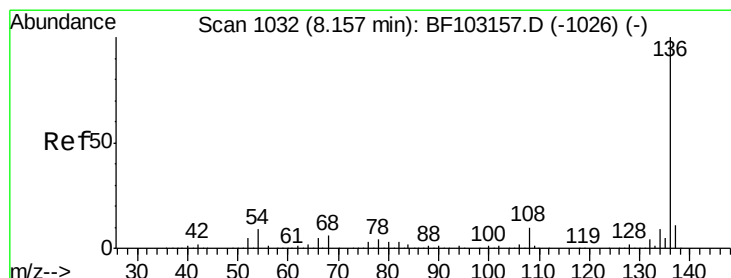
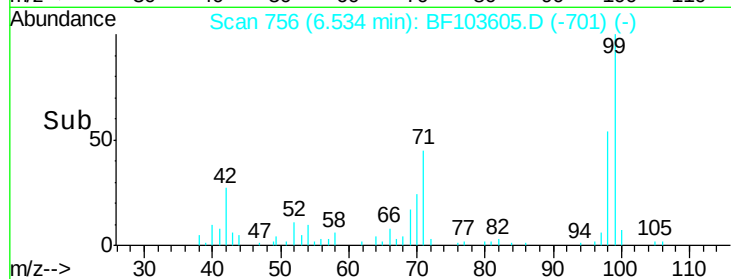
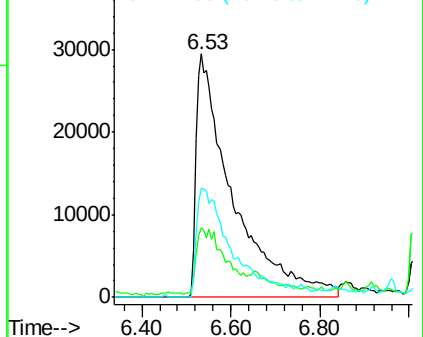
Phenol-d6

Concen: 16.501 ng/ml
 RT: 6.53 min Scan# 756
 Delta R.T. 0.02 min
 Lab File: BF103605.D
 Acq: 13 Mar 2018 15:41

Tot Ion	Ratio	Lower	Upper
99	100		
42	28.6	14.5	21.7#
71	45.0	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

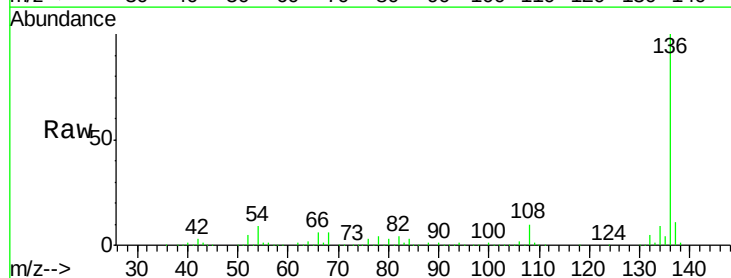


#21

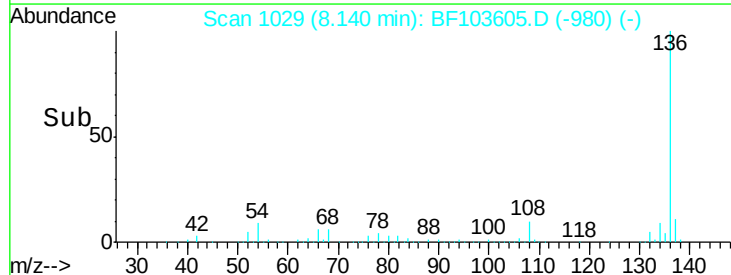
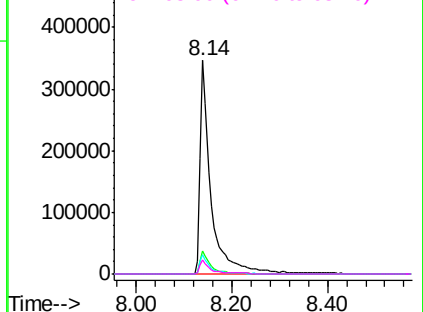
Naphthalene-d8

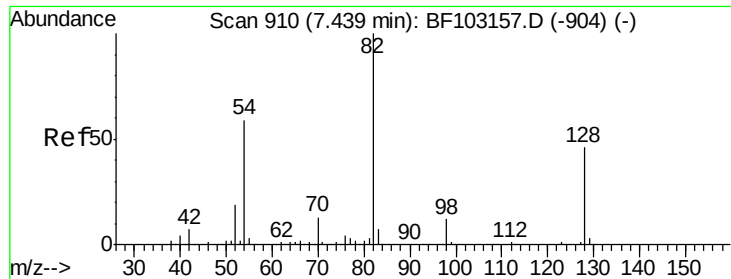
Concen: 20.000 ng
 RT: 8.14 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BF103605.D
 Acq: 13 Mar 2018 15:41

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	9.2	6.6	9.8
68	6.3	5.0	7.4



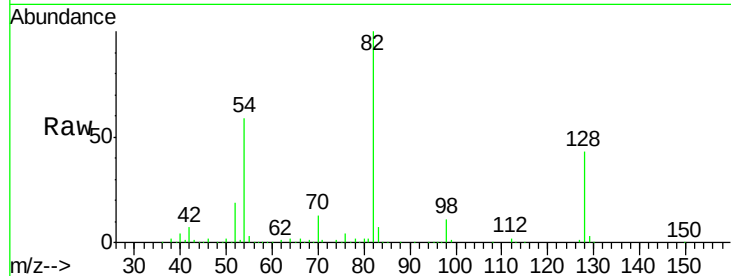
Abundance Ion 136.00 (135.70 to 136.70): E
 Ion 137.00 (136.70 to 137.70): E
 Ion 54.00 (53.70 to 54.70): BF1
 Ion 68.00 (67.70 to 68.70): BF1



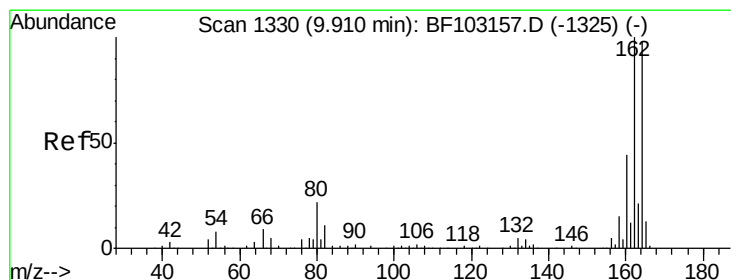
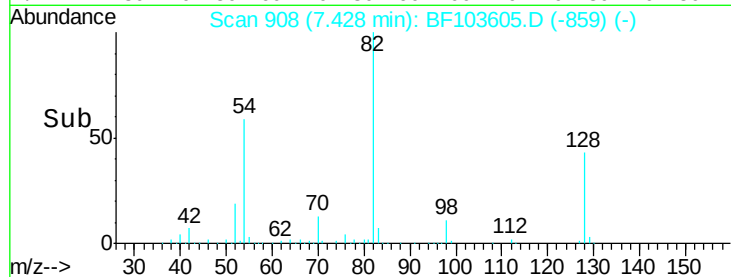
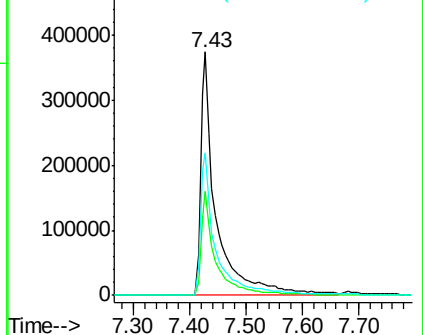


#23
 Nitrobenzene-d5
 Concen: 72.320 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF103605.D
 Acq: 13 Mar 2018 15:41

Tot Ion	82	Resp	708826
Ion Ratio	100		
Lower	36.1		
Upper	54.1		
128	42.7		
54	58.7		
	41.4		
	62.2		

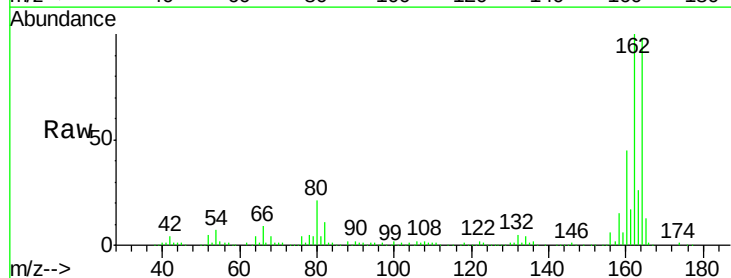


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

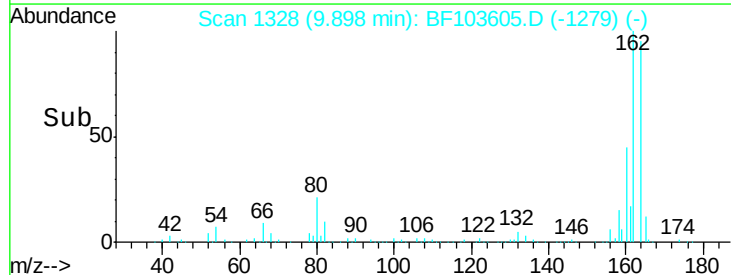
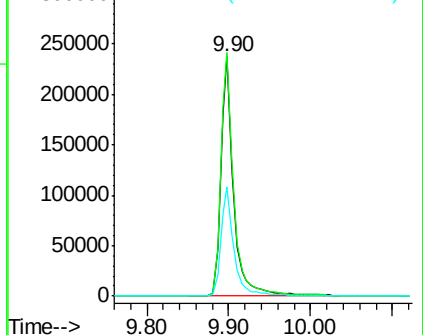


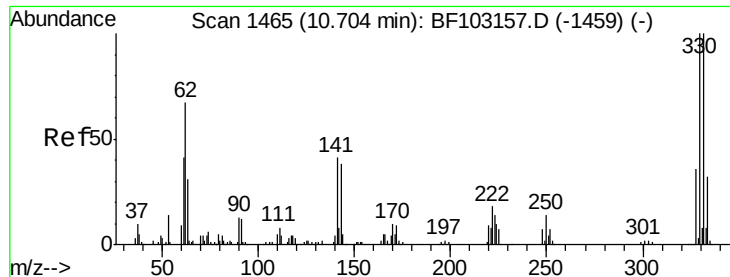
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF103605.D
 Acq: 13 Mar 2018 15:41

Tgt Ion	164	Resp	260354
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower <td>86.1</td> <td></td> <td></td>	86.1		
Upper <td>129.1</td> <td></td> <td></td>	129.1		
162	101.6		
160	45.7		
	38.3		
	57.5		



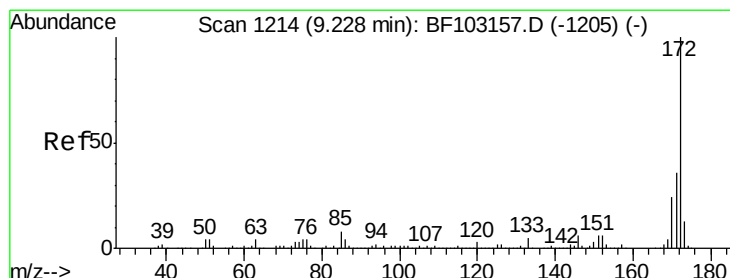
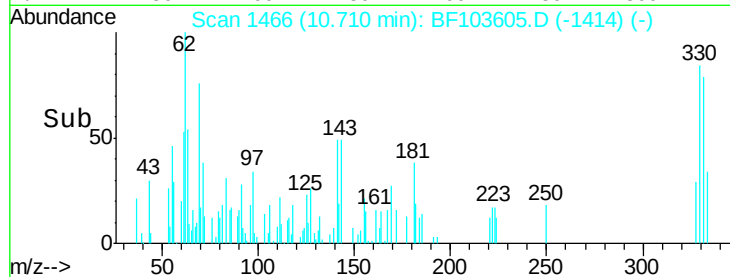
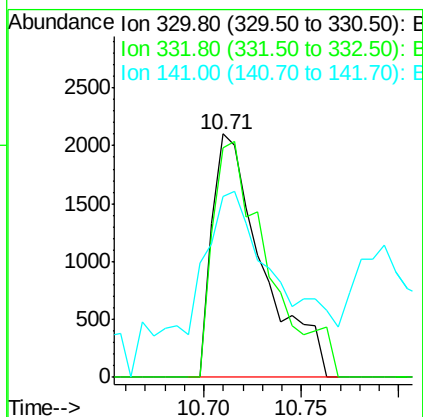
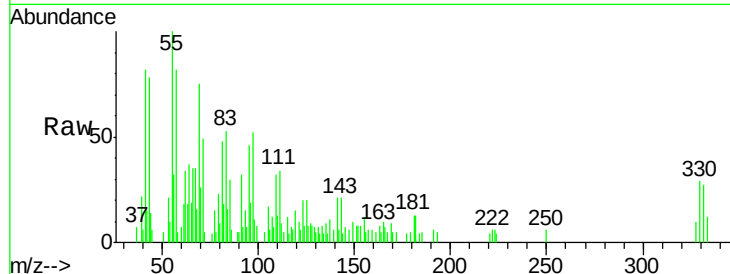
Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1





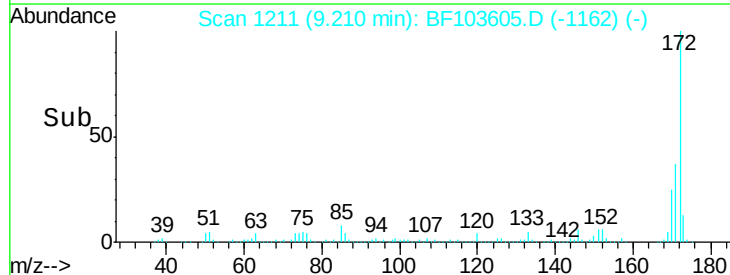
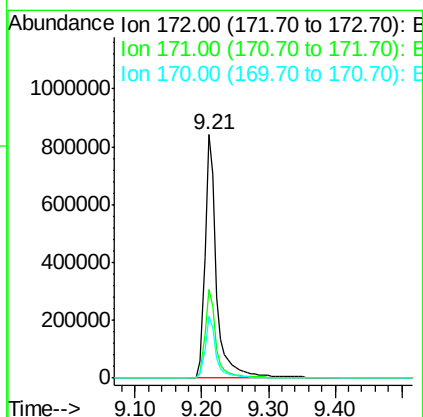
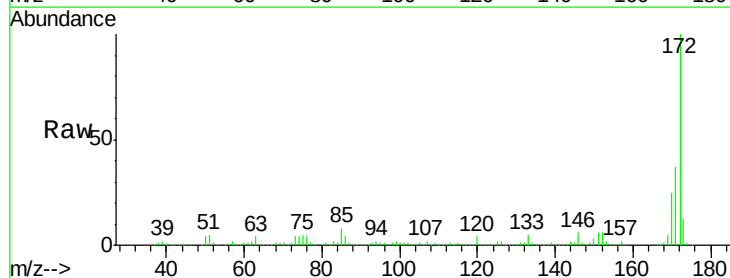
#41
 2,4,6-Tribromophenol
 Concen: 1.714 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.01 min
 Lab File: BF103605.D
 Acq: 13 Mar 2018 15:41

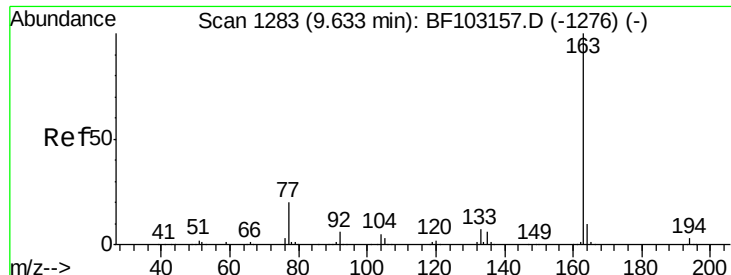
Tot Ion:330 Resp: 3778
 Ion Ratio Lower Upper
 330 100
 332 105.9 77.0 115.6
 141 135.3 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 62.580 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF103605.D
 Acq: 13 Mar 2018 15:41

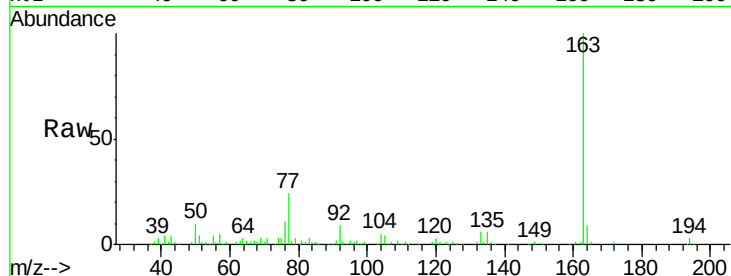
Tgt Ion:172 Resp: 1008443
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.7 44.5
 170 25.2 19.6 29.4



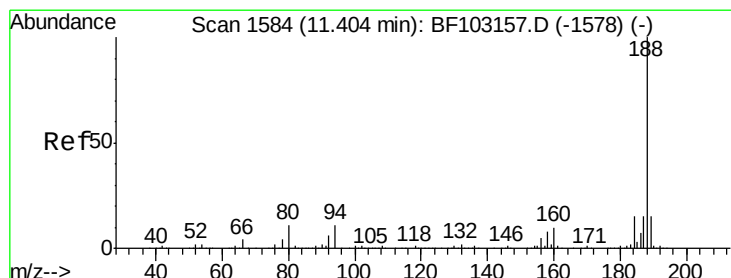
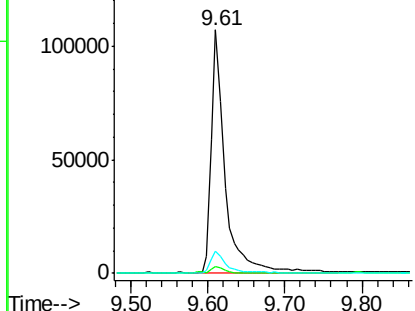
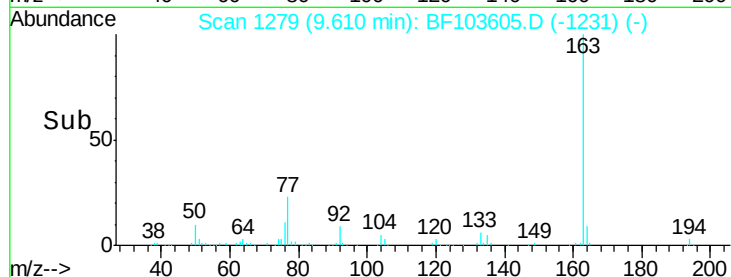


#49
Dimethylphthalate
Concen: 6.309 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.02 min
Lab File: BF103605.D
Acq: 13 Mar 2018 15:41

Tot Ion	Ratio	Lower	Upper
163	100		
194	2.9	2.7	4.1
164	8.9	8.2	12.2

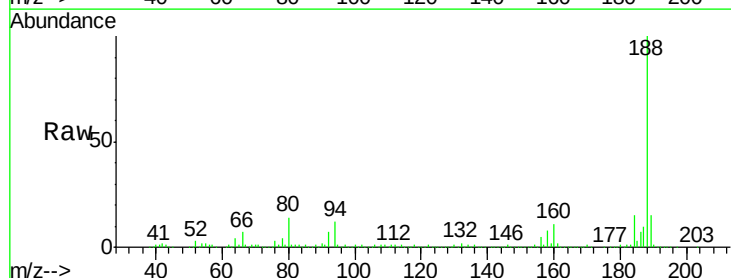


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

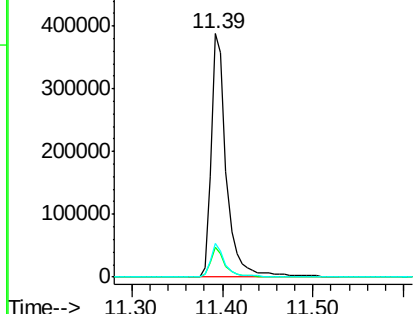
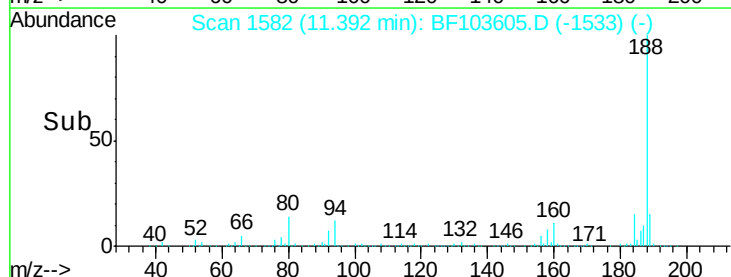


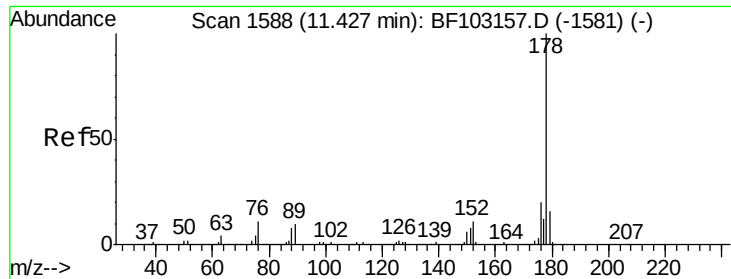
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF103605.D
Acq: 13 Mar 2018 15:41

Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.0	8.5	12.7
80	13.8	9.2	13.8



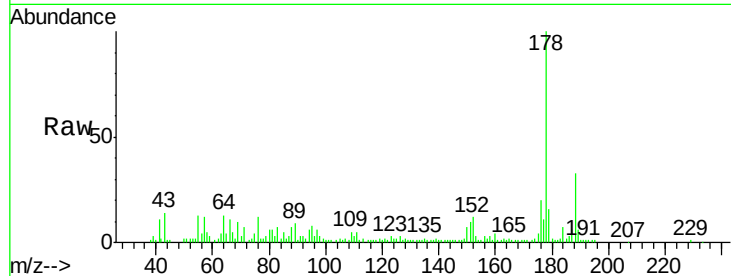
Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1



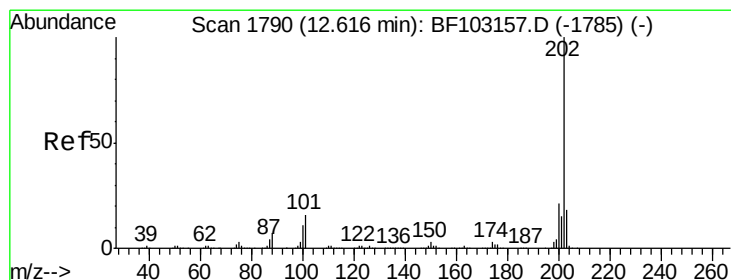
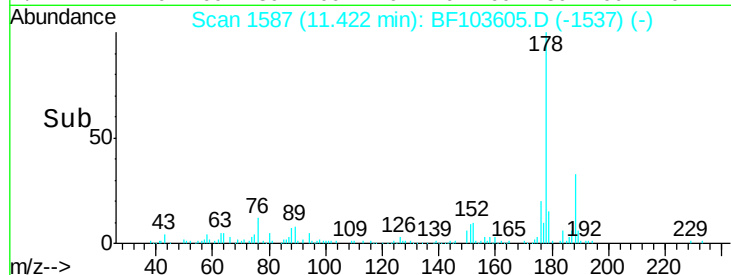
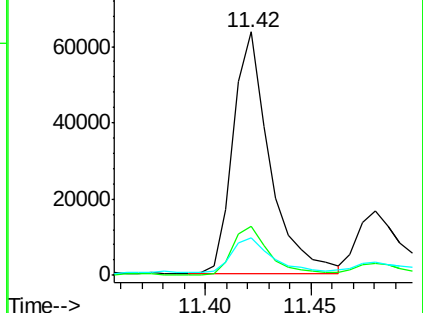


#70
Phenanthrene
Concen: 3.026 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BF103605.D
Acq: 13 Mar 2018 15:41

Tot Ion:178 Resp: 76244
Ion Ratio Lower Upper
178 100
176 20.3 15.8 23.8
179 15.7 13.0 19.6

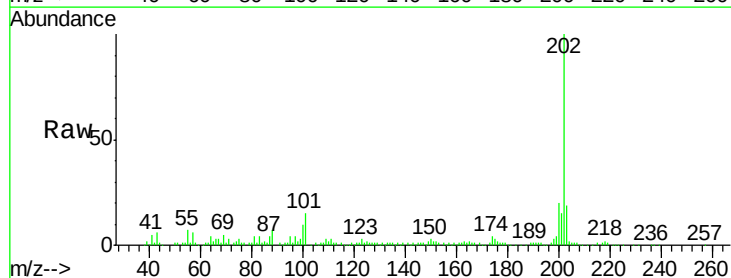


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

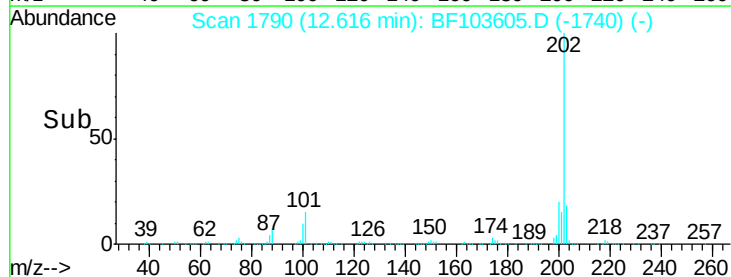
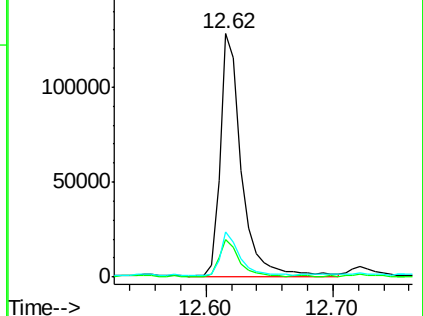


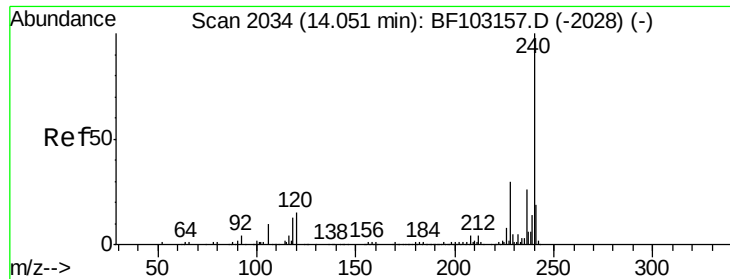
#74
Fluoranthene
Concen: 5.878 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BF103605.D
Acq: 13 Mar 2018 15:41

Tgt Ion:202 Resp: 148828
Ion Ratio Lower Upper
202 100
101 15.3 0.0 34.1
203 18.7 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: BF103605.D

Acq: 13 Mar 2018 15:41

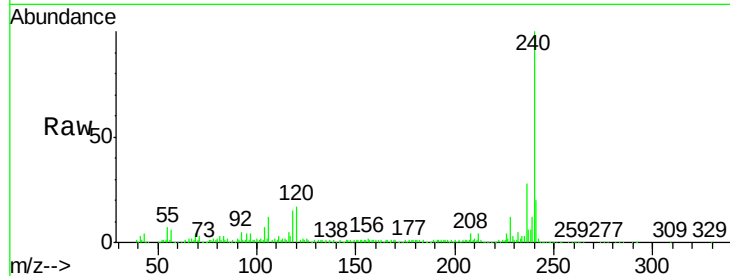
Tot Ion:240 Resp: 271626

Ion Ratio Lower Upper

240 100

120 17.0 9.5 14.3#

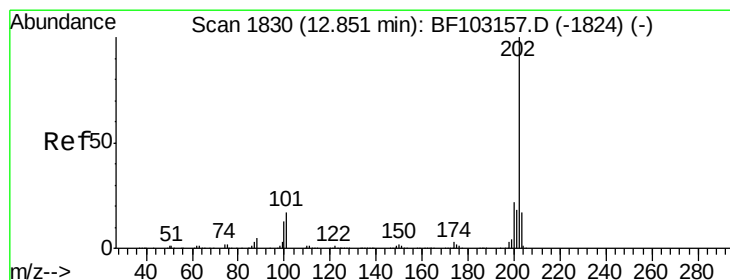
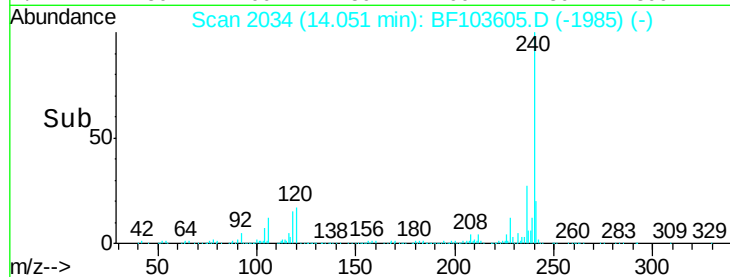
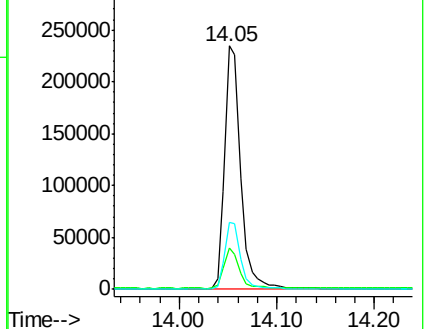
236 27.6 20.7 31.1



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



#77

Pyrene

Concen: 6.556 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF103605.D

Acq: 13 Mar 2018 15:41

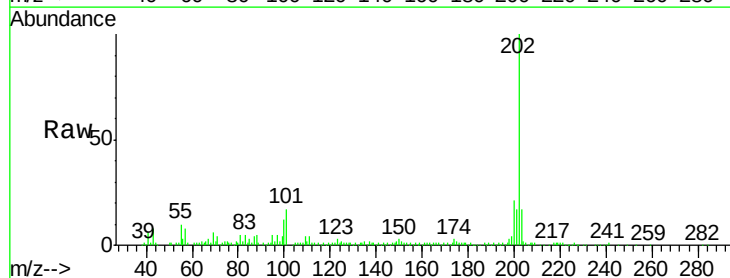
Tgt Ion:202 Resp: 138851

Ion Ratio Lower Upper

202 100

200 20.8 17.4 26.2

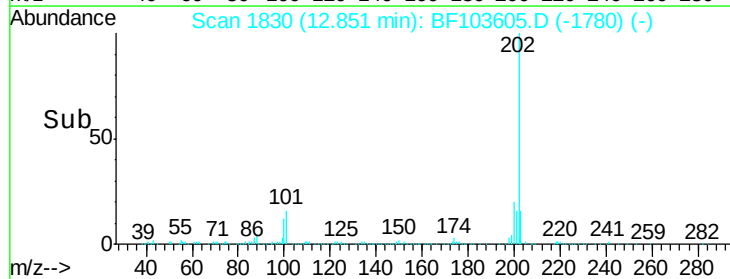
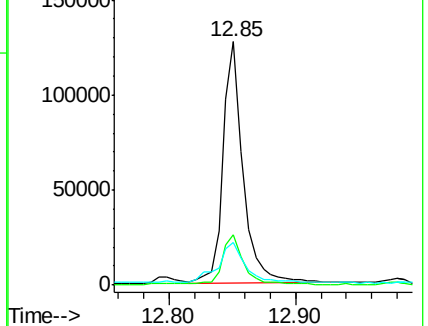
203 17.4 14.3 21.5

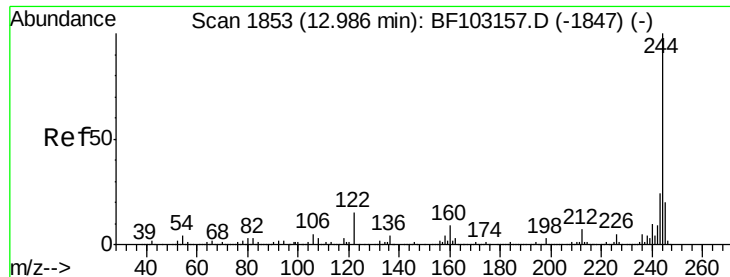


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 73.641 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF103605.D

Acq: 13 Mar 2018 15:41

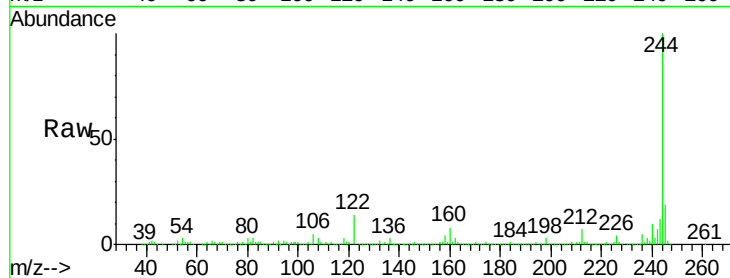
Tot Ion:244 Resp: 832105

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

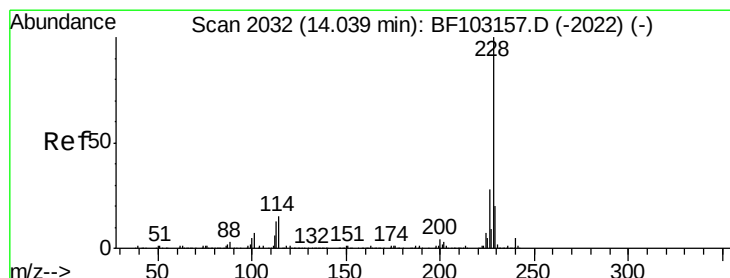
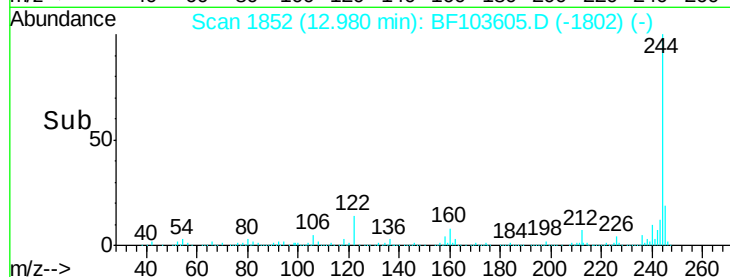
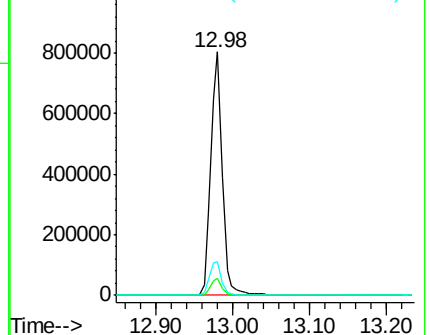
122 13.9 11.0 16.4



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



#80

Benzo(a)anthracene

Concen: 3.488 ng

RT: 14.05 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF103605.D

Acq: 13 Mar 2018 15:41

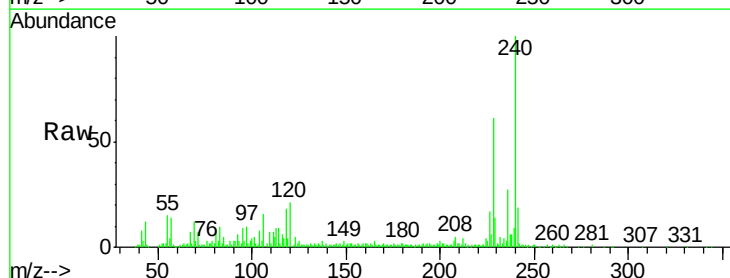
Tgt Ion:228 Resp: 61478

Ion Ratio Lower Upper

228 100

226 27.7 22.6 33.8

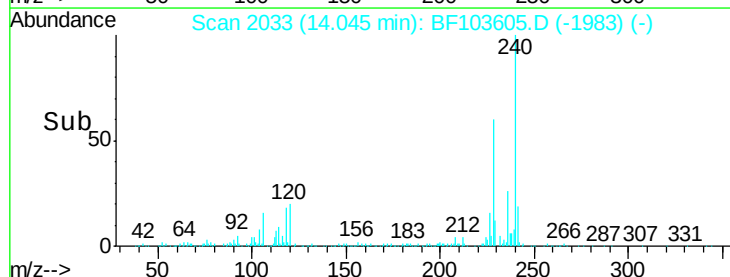
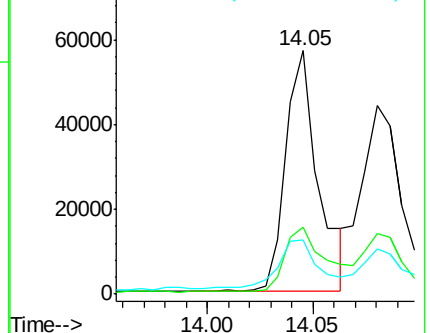
229 22.4 15.8 23.6

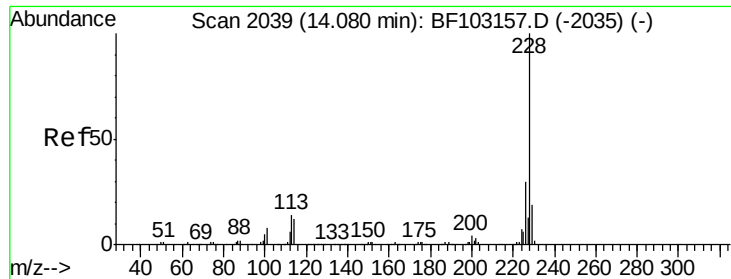


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

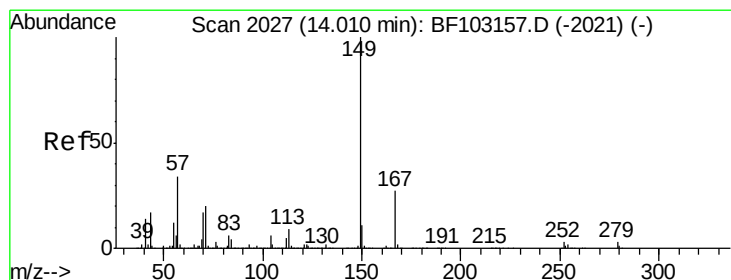
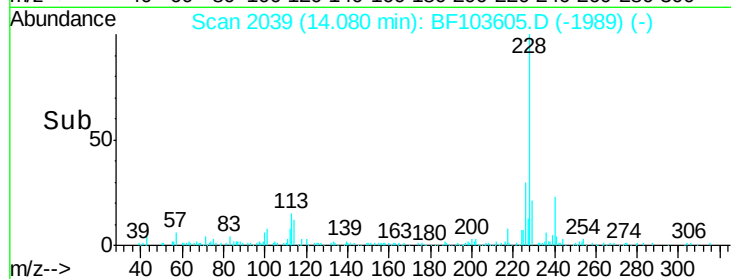
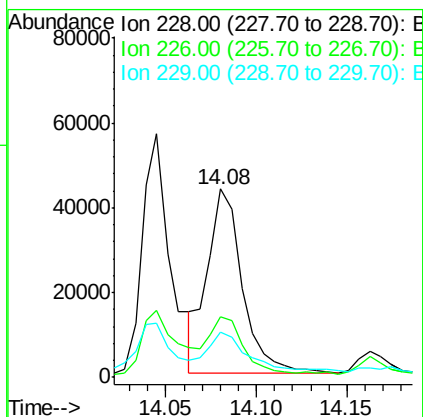
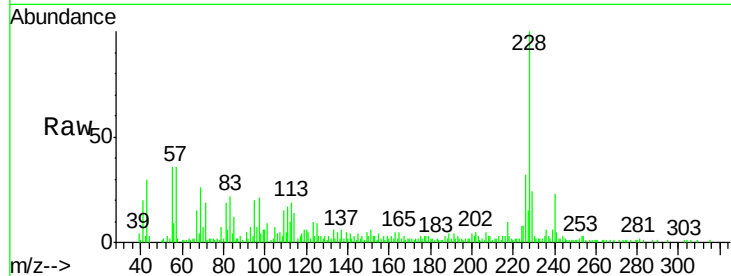




#82
Chrysene
Concen: 3.437 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BF103605.D
Acq: 13 Mar 2018 15:41

Tot Ion:228 Resp: 58808

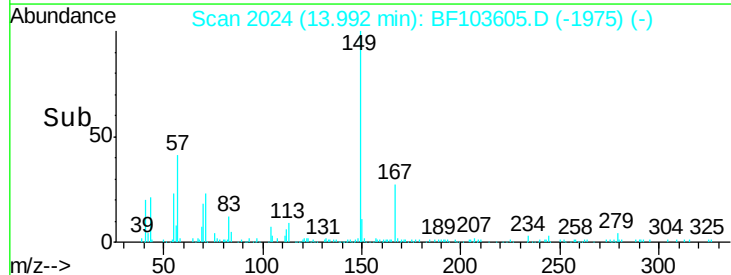
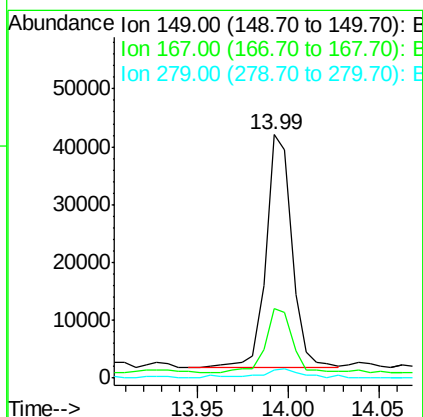
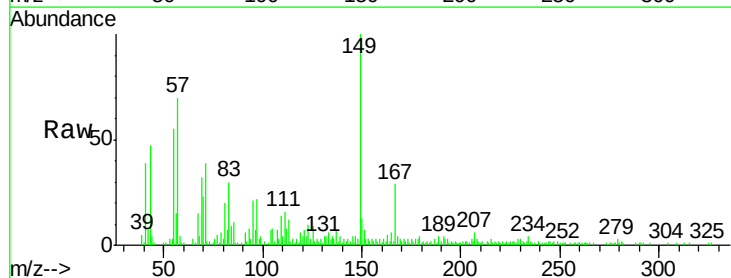
Ion	Ratio	Lower	Upper
228	100		
226	32.3	25.0	37.6
229	24.2	16.2	24.4

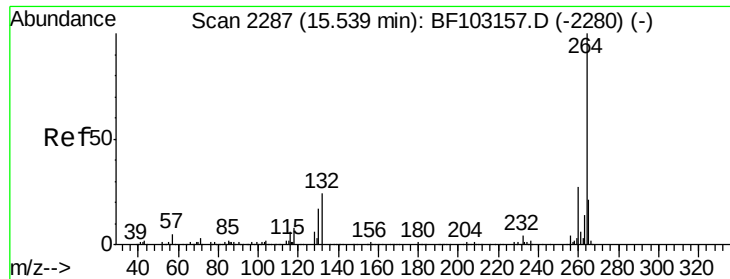


#83
Bis(2-ethylhexyl)phthalate
Concen: 2.653 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF103605.D
Acq: 13 Mar 2018 15:41

Tgt Ion:149 Resp: 40062

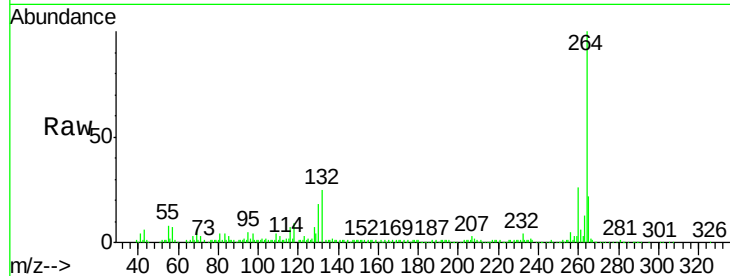
Ion	Ratio	Lower	Upper
149	100		
167	28.7	21.3	31.9
279	3.5	3.0	4.4



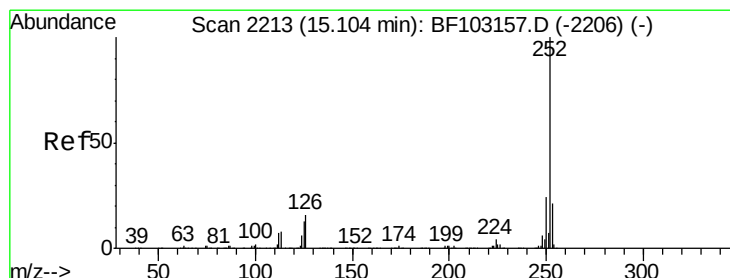
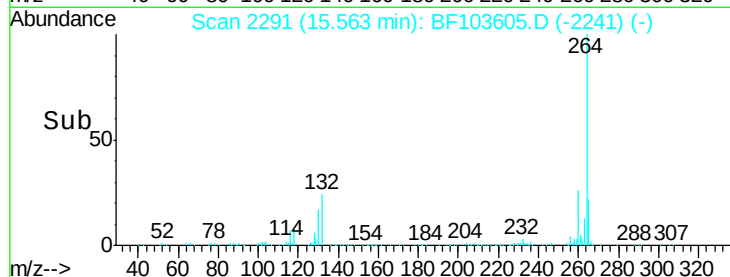
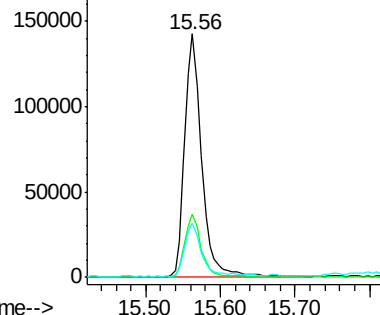


#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BF103605.D
Acq: 13 Mar 2018 15:41

Tot Ion	Ratio	Lower	Upper
264	100		
260	26.0	19.2	28.8
265	22.2	17.5	26.3

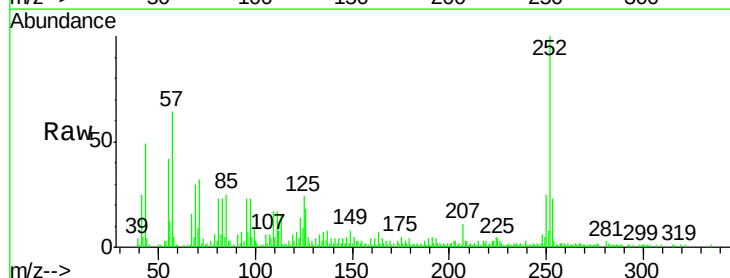


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

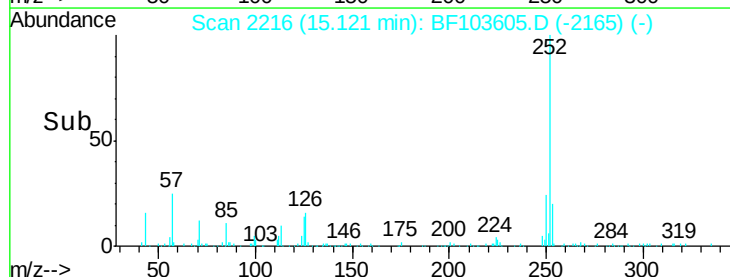
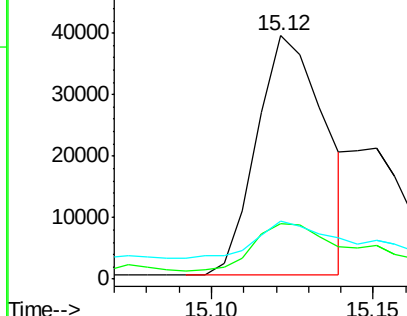


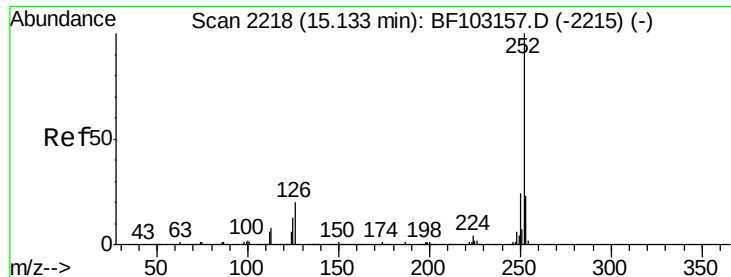
#87
Benzo(b)fluoranthene
Concen: 3.810 ng m
RT: 15.12 min Scan# 2216
Delta R.T. 0.00 min
Lab File: BF103605.D
Acq: 13 Mar 2018 15:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.0	25.6
125	23.7	9.0	13.6#



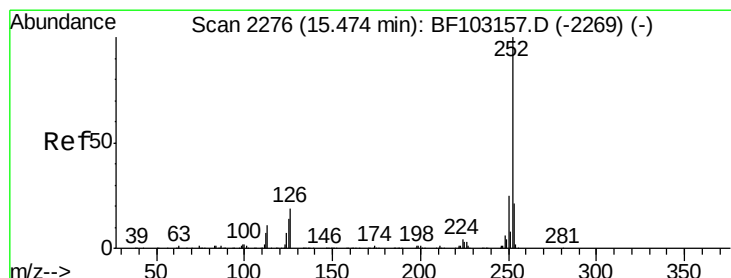
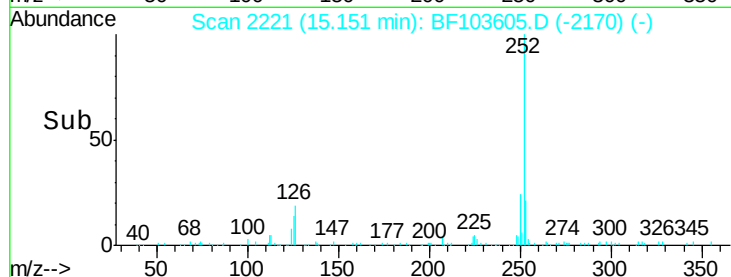
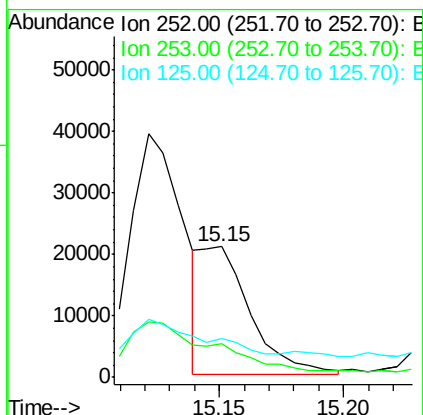
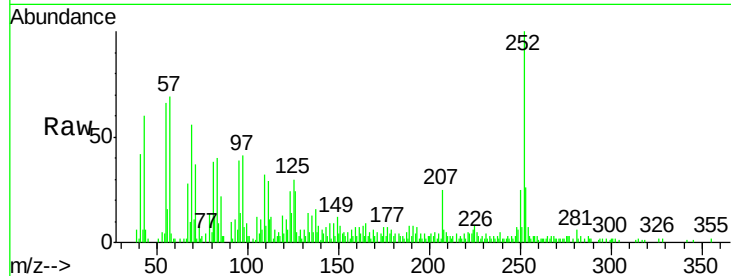
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





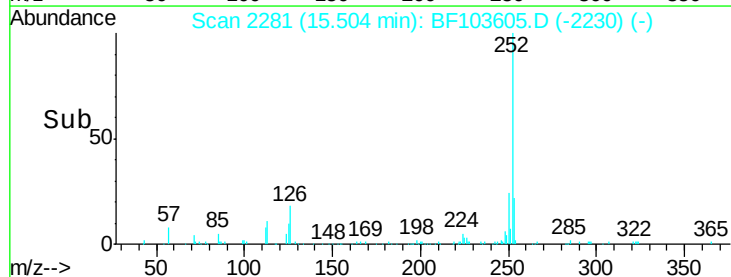
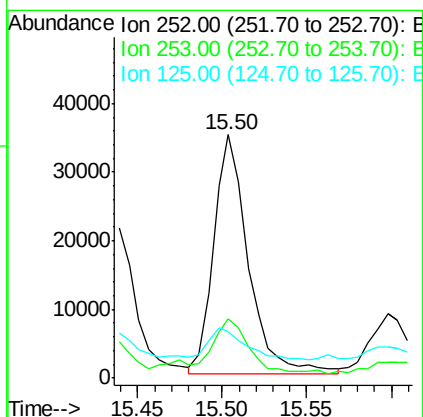
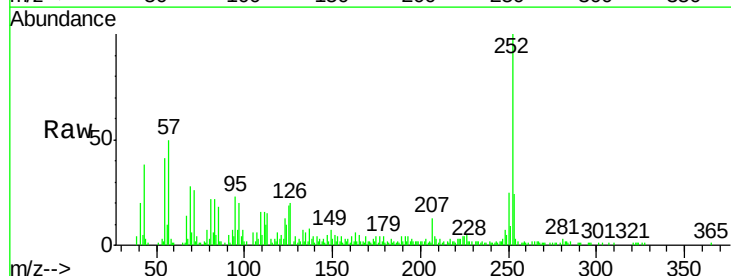
#88
Benzo(k)fluoranthene
Concen: 2.010 ng/mL
RT: 15.15 min Scan# 2221
Delta R.T. 0.00 min
Lab File: BF103605.D
Acq: 13 Mar 2018 15:41

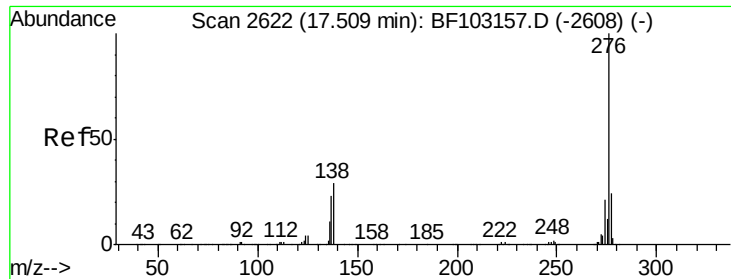
Tot Ion	Ratio	Lower	Upper
252	100		
253	26.1	17.9	26.9
125	29.6	10.2	15.2



#89
Benzo(a)pyrene
Concen: 3.723 ng/mL
RT: 15.50 min Scan# 2281
Delta R.T. 0.00 min
Lab File: BF103605.D
Acq: 13 Mar 2018 15:41

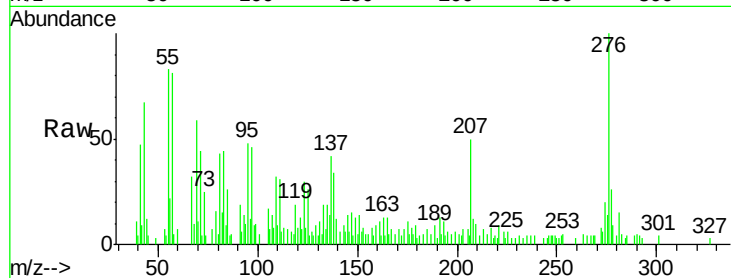
Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.1	25.7
125	19.0	9.8	14.6





#91
 Benzo(a,h,i)perylene
 Concen: 2.977 ng
 RT: 17.59 min Scan# 2636
 Delta R.T. 0.01 min
 Lab File: BF103605.D
 Acq: 13 Mar 2018 15:41

Tot Ion	Ratio	Lower	Upper
276	100		
277	26.2	17.9	26.9
138	33.7	21.8	32.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

