

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF032218\
 Data File : BF103844.D
 Acq On : 22 Mar 2018 11:28
 Operator : JU/SJ
 Sample : J1946-02DL 4X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 22 12:12:04 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 22 11:56:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	150017	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	619791	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	291466	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	529544	20.00	ng	0.00
75) Chrysene-d12	14.16	240	343216	20.00	ng	0.00
86) Perylene-d12	15.70	264	331853	20.00	ng	0.00

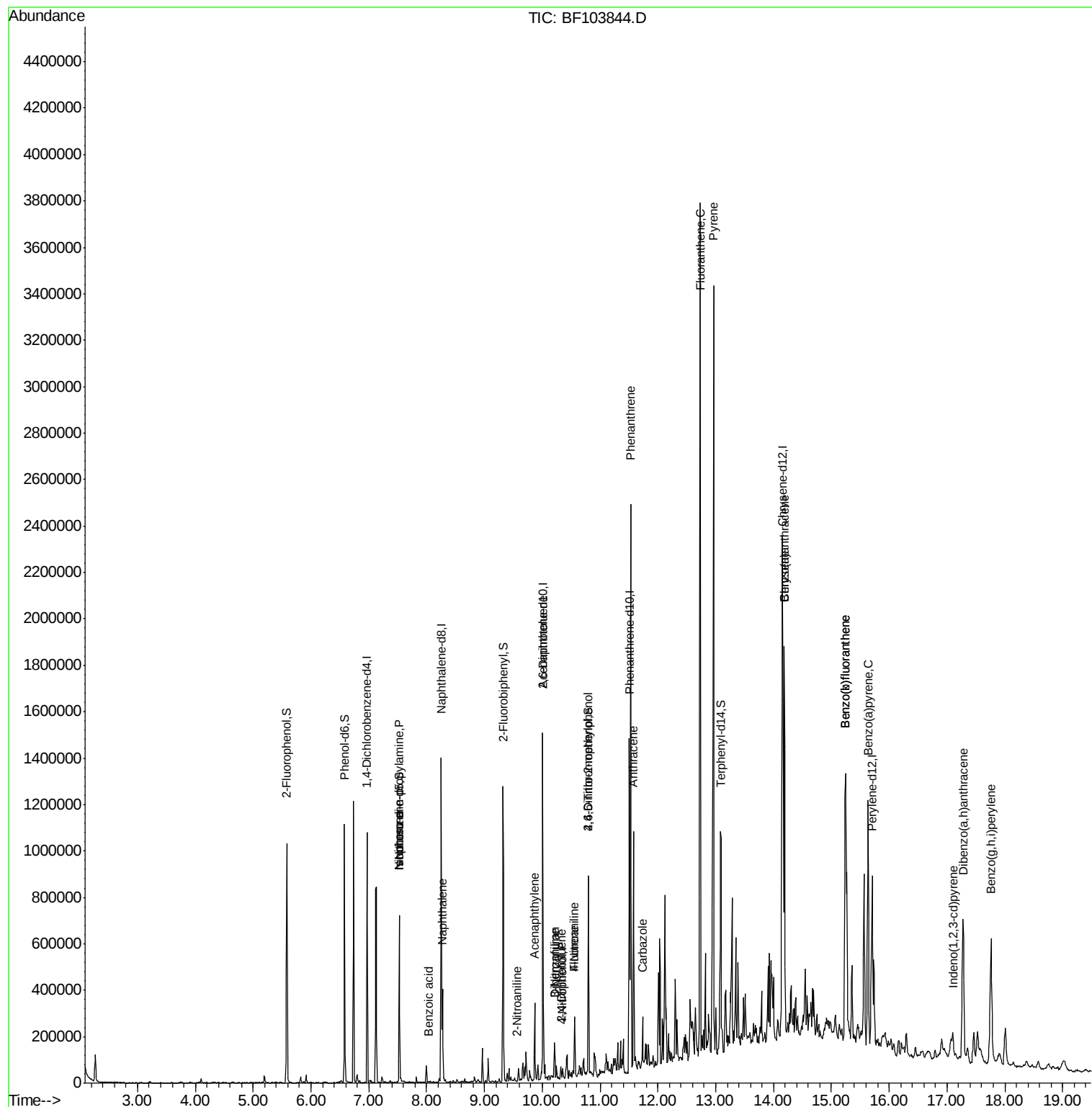
System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.58	112	290406	29.44	ng	-0.01
7) Phenol-d6	6.58	99	353785	29.32	ng	-0.02
23) Nitrobenzene-d5	7.53	82	210012	23.63	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	87777	35.03	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	365575	20.01	ng	-0.01
78) Terphenyl-d14	13.09	244	333492	22.55	ng	0.00

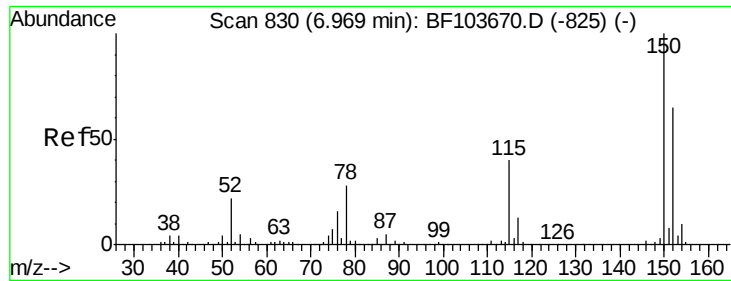
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.53	70	27535	3.561	ng	# 71
25) Isophorone	7.53	82	210009	10.207	ng	# 64
31) Naphthalene	8.27	128	151505	4.839	ng	# 99
32) Benzoic acid	8.02	122	577	9.979	ng	# 1
47) 2-Nitroaniline	9.56	65	127	6.836	ng	# 2
48) Acenaphthylene	9.87	152	137852	4.605	ng	# 97
50) 2,6-Dinitrotoluene	10.01	165	39378	12.378	ng	# 26
52) 3-Nitroaniline	10.22	138	831	3.963	ng	# 2
54) Dibenzofuran	10.22	168	51912	2.045	ng	# 99
55) 4-Nitrophenol	10.35	139	723	5.136	ng	# 89
56) 2,4-Dinitrotoluene	10.32	165	1733	6.490	ng	# 65
57) Fluorene	10.56	166	71782	3.644	ng	# 96
61) 4-Nitroaniline	10.56	138	805	3.899	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.80	198	126	8.187	ng	# 1
70) Phenanthrene	11.53	178	901349	31.116	ng	# 99
71) Anthracene	11.58	178	351573	11.950	ng	# 99
72) Carbazole	11.73	167	72262	2.527	ng	# 98
74) Fluoranthene	12.73	202	1613018	54.050	ng	# 99
77) Pyrene	12.96	202	1394018	55.306	ng	# 99
80) Benzo(a)anthracene	14.19	228	597722	27.512	ng	# 96
82) Chrysene	14.19	228	597722	28.862	ng	# 98
85) Indeno(1,2,3-cd)pyrene	17.10	276	78145	4.321	ng	# 95
87) Benzo(b)fluoranthene	15.24	252	983385	46.905	ng	# 95
88) Benzo(k)fluoranthene	15.24	252	983385	48.794	ng	# 98
89) Benzo(a)pyrene	15.63	252	536983	28.238	ng	# 95
90) Dibenzo(a,h)anthracene	17.29	278	97031	5.893	ng	# 96
91) Benzo(g,h,i)perylene	17.76	276	447092	27.910	ng	# 96

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

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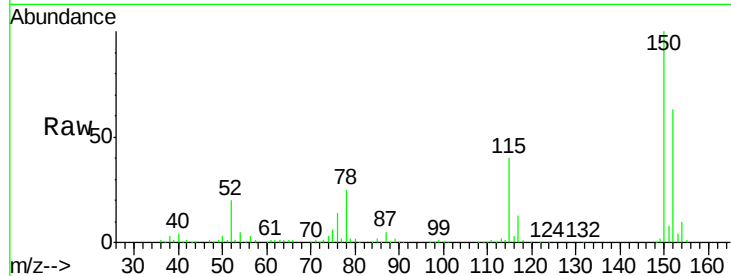




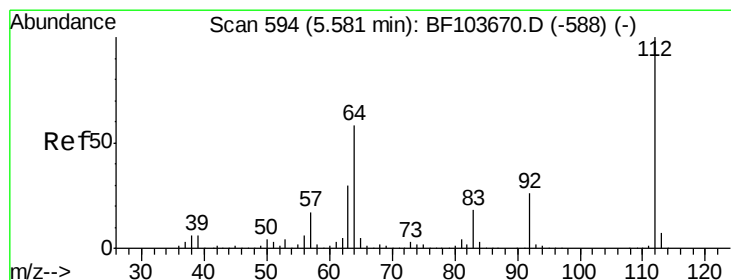
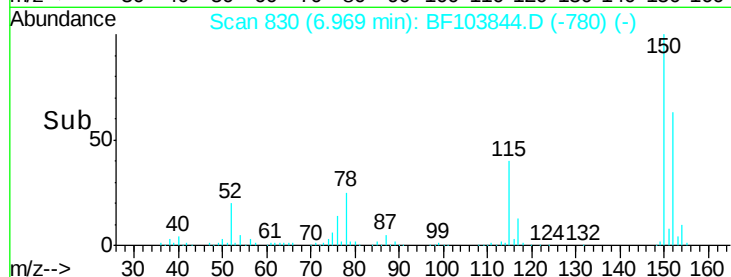
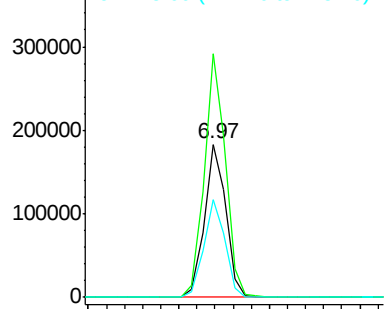
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF103844.D
Acq: 22 Mar 2018 11:28

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.1	124.6	186.8
115	64.0	50.1	75.1



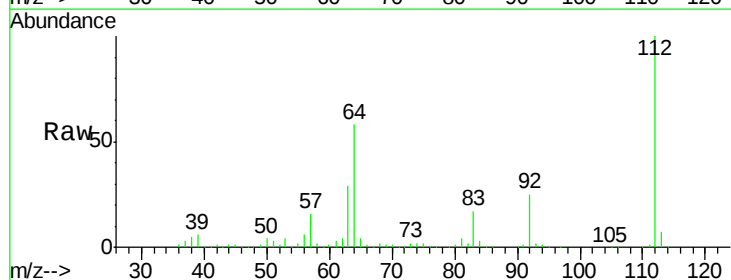
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



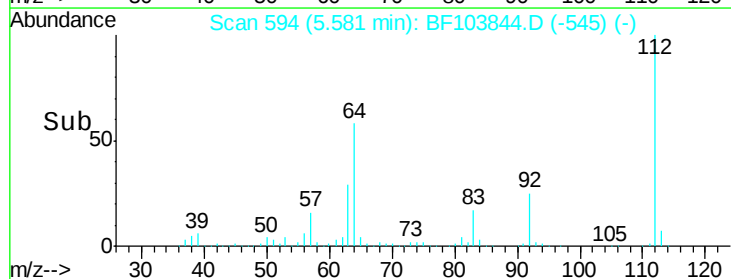
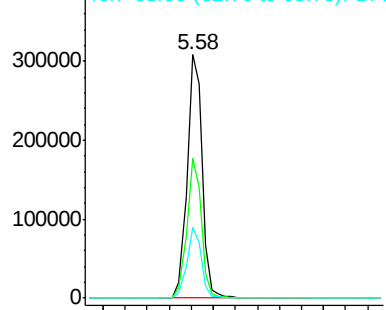
#5

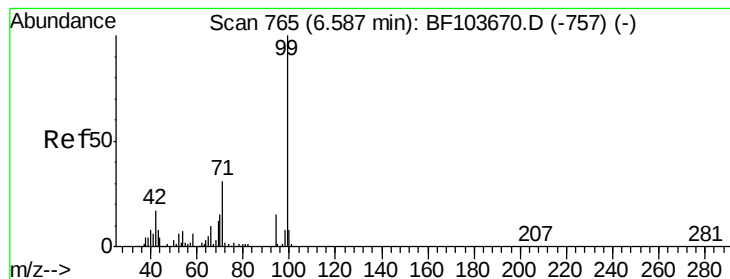
2-Fluorophenol
Concen: 29.444 ng
RT: 5.58 min Scan# 594
Delta R.T. -0.01 min
Lab File: BF103844.D
Acq: 22 Mar 2018 11:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.6	47.9	71.9
63	28.9	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: 29.319 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF103844.D

Acq: 22 Mar 2018 11:28

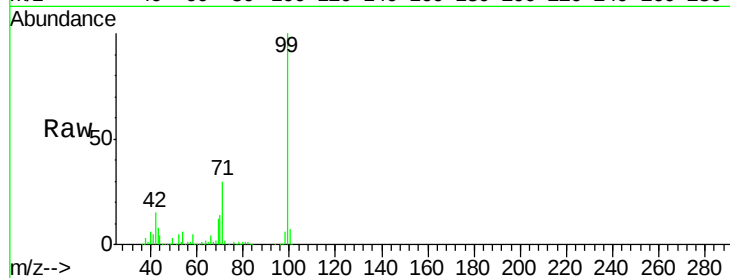
Tot Ion: 99 Resp: 353785

Ion Ratio Lower Upper

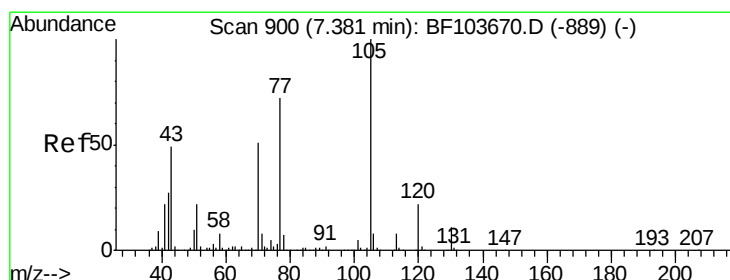
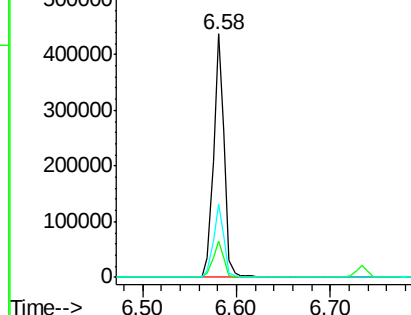
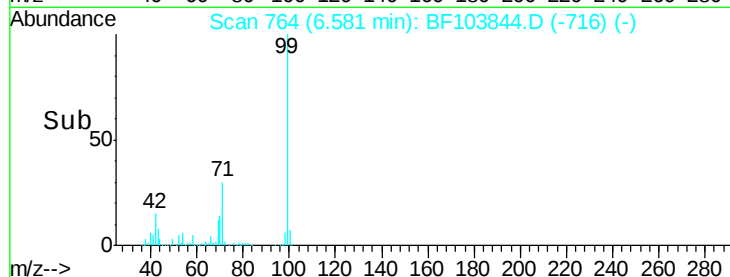
99 100

42 14.9 14.5 21.7

71 30.4 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



#19

n-Nitroso-di-n-propylamine

Concen: 3.561 ng

RT: 7.53 min Scan# 925

Delta R.T. 0.14 min

Lab File: BF103844.D

Acq: 22 Mar 2018 11:28

Tgt Ion: 70 Resp: 27535

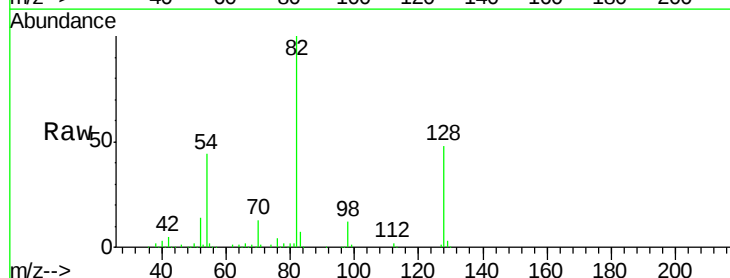
Ion Ratio Lower Upper

70 100

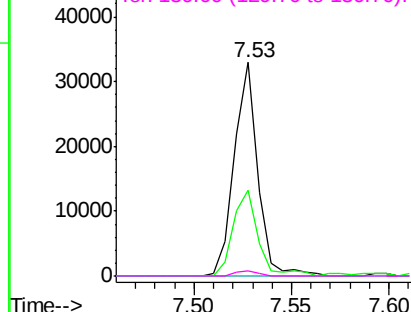
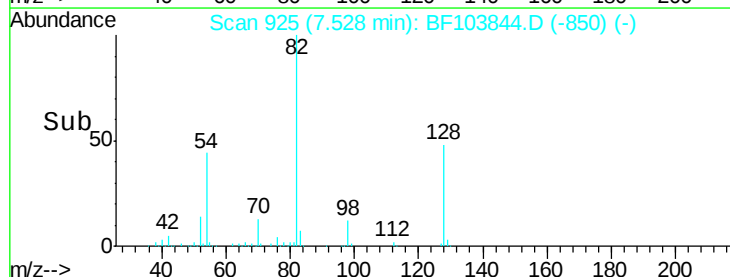
42 40.4 47.5 71.3#

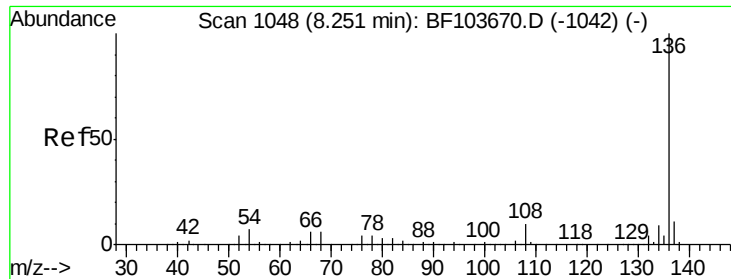
101 0.0 7.4 11.2#

130 2.5 16.6 25.0#



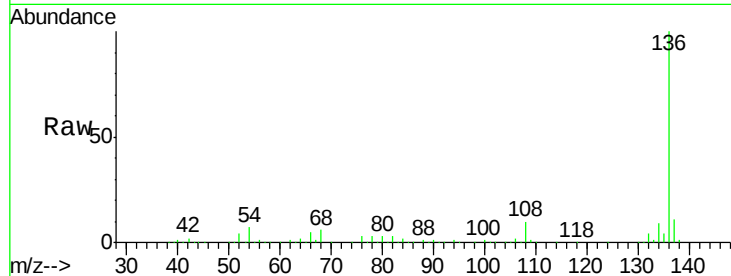
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1



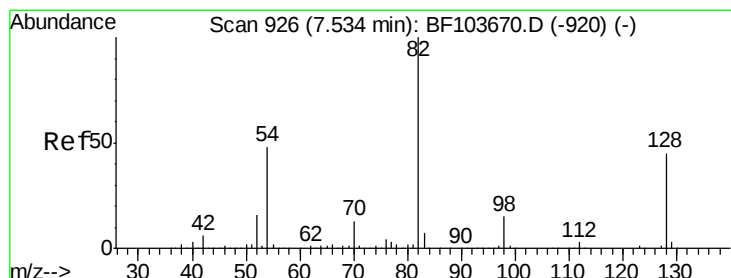
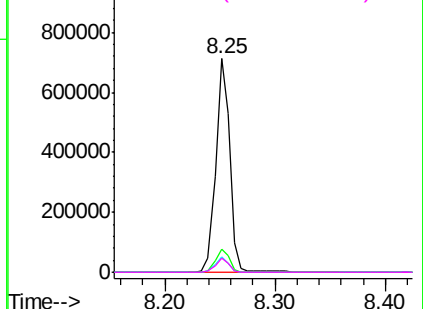
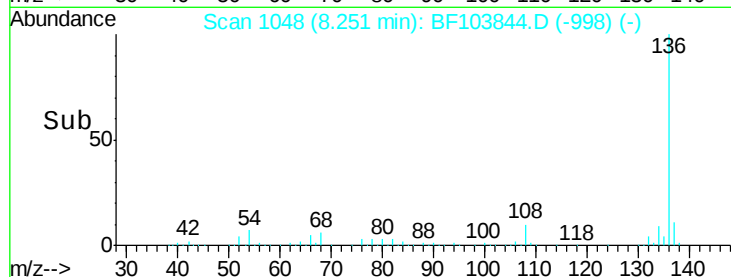


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BF103844.D
Acq: 22 Mar 2018 11:28

Tot Ion:136	Resp:	619791
Ion Ratio	Lower	Upper
136 100		
137 10.8	8.9	13.3
54 7.4	6.6	9.8
68 6.5	5.0	7.4

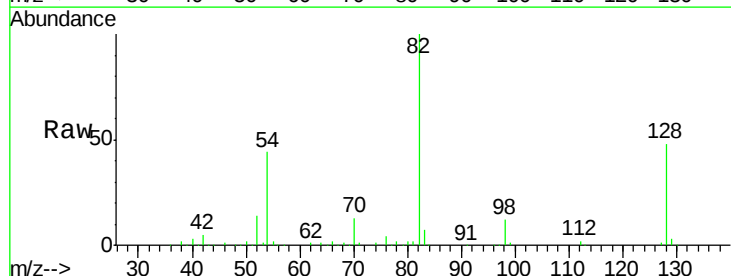


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

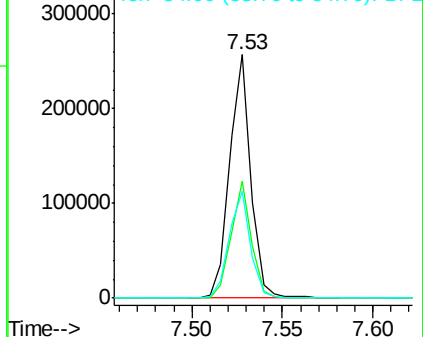
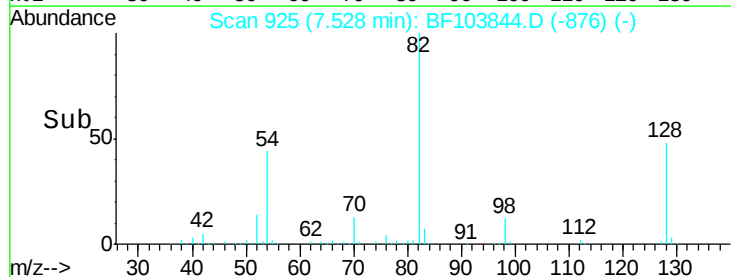


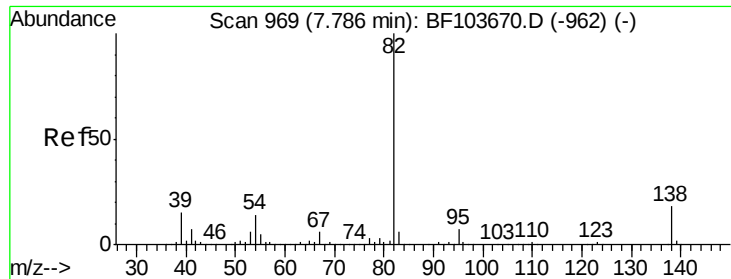
#23
Nitrobenzene-d5
Concen: 23.630 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF103844.D
Acq: 22 Mar 2018 11:28

Tgt Ion: 82	Resp: 210012
Ion Ratio	Lower Upper
82 100	
128 48.1	36.1 54.1
54 44.0	41.4 62.2



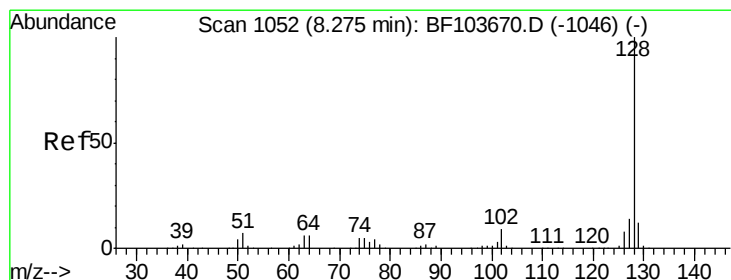
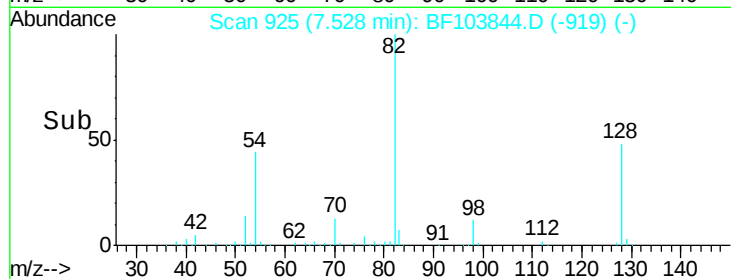
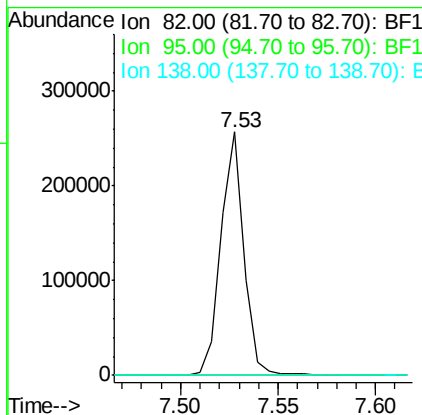
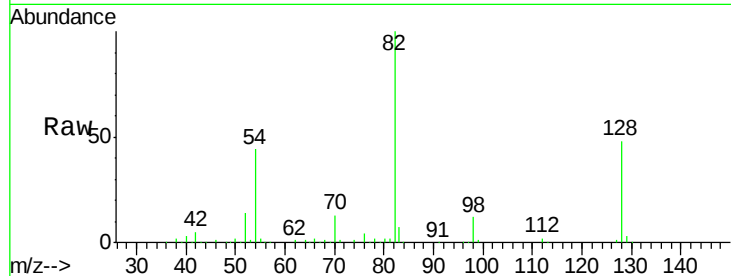
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





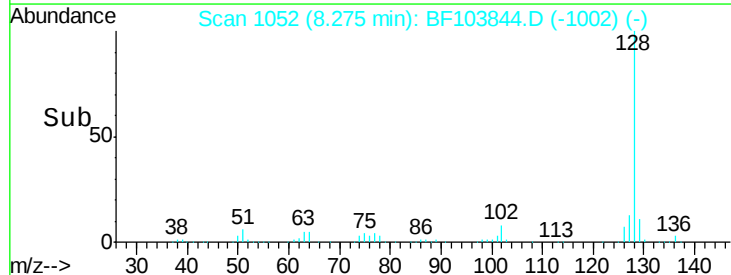
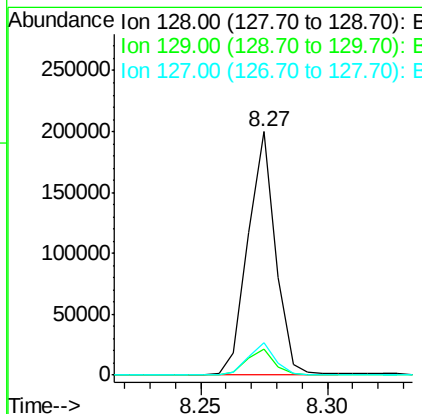
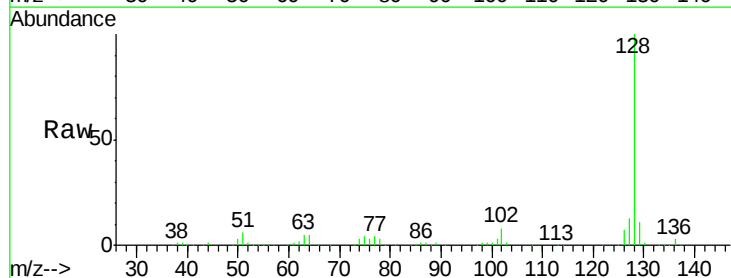
#25
Isophorone
Concen: 10.207 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.26 min
Lab File: BF103844.D
Acq: 22 Mar 2018 11:28

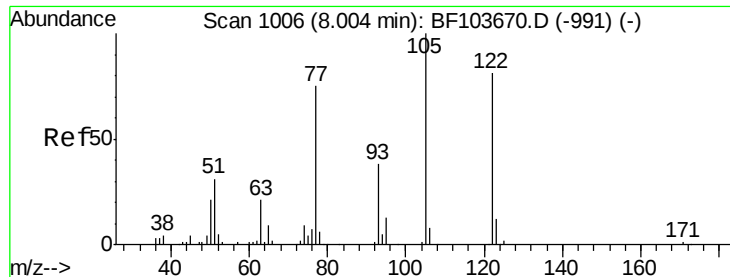
Tot Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#



#31
Naphthalene
Concen: 4.839 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF103844.D
Acq: 22 Mar 2018 11:28

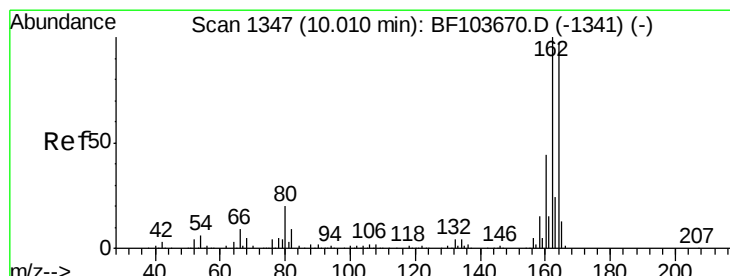
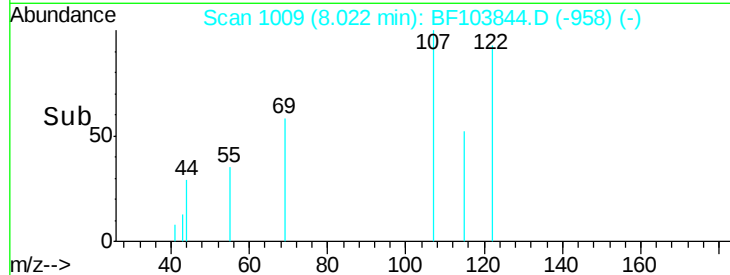
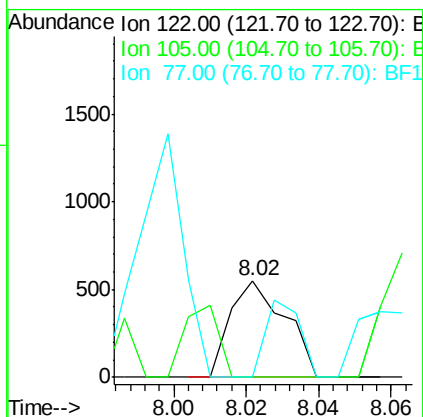
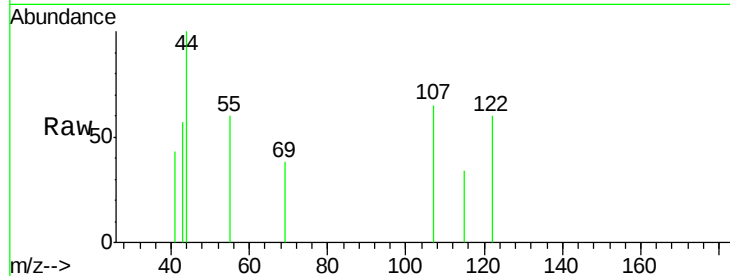
Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.8	13.2
127	13.2	10.9	16.3





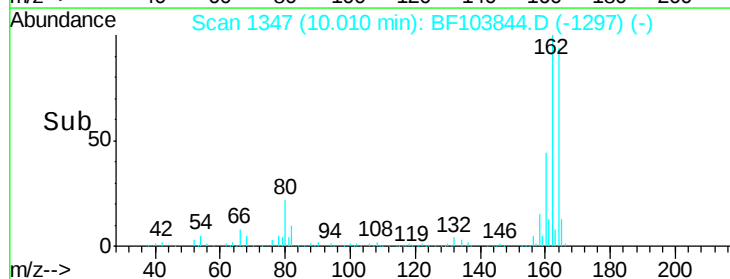
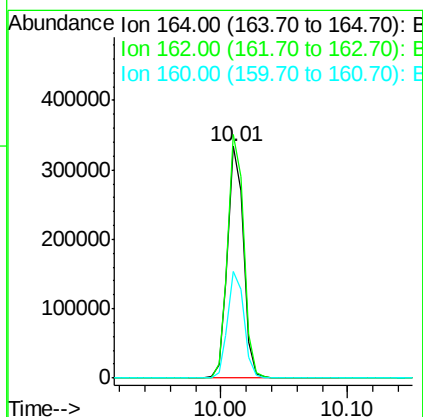
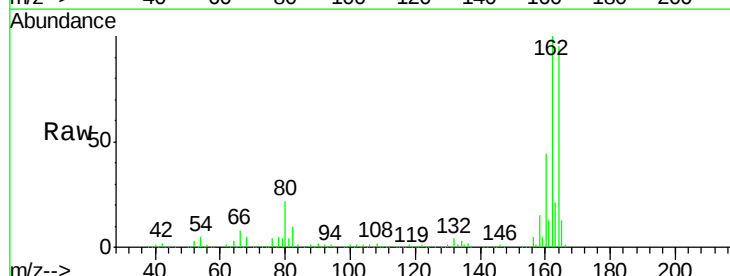
#32
Benzoic acid
Concen: 9.979 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF103844.D
Acq: 22 Mar 2018 11:28

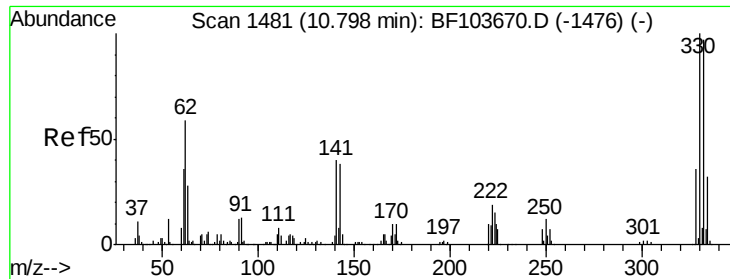
Tot Ion:122 Resp: 577
Ion Ratio Lower Upper
122 100
105 0.0 101.1 141.1#
77 0.0 70.7 110.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF103844.D
Acq: 22 Mar 2018 11:28

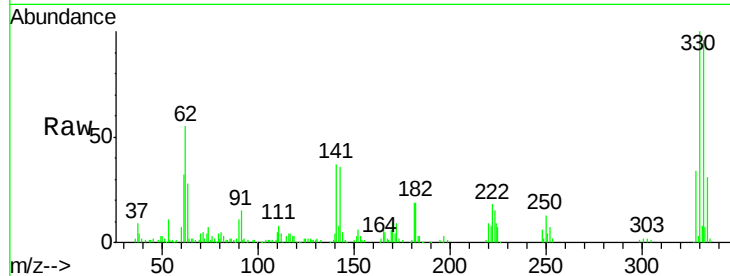
Tgt Ion:164 Resp: 291466
Ion Ratio Lower Upper
164 100
162 104.9 86.1 129.1
160 46.1 38.3 57.5



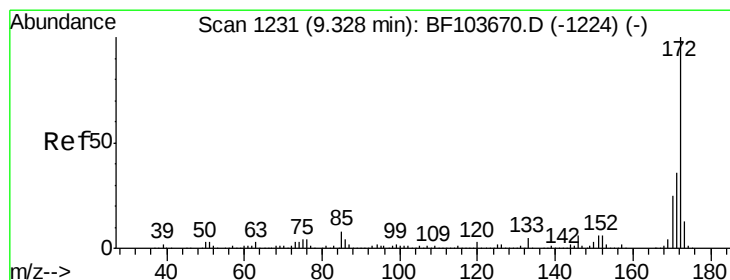
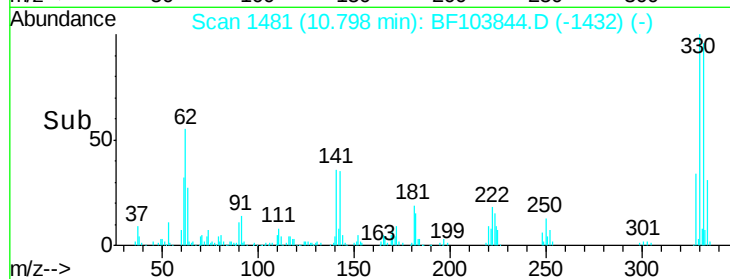
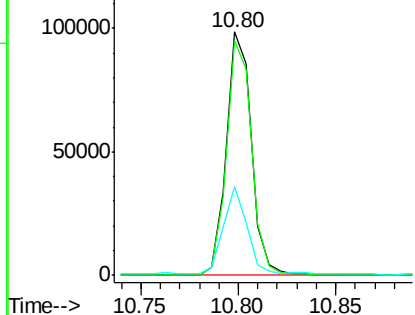


#41
 2,4,6-Tribromophenol
 Concen: 35.026 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.01 min
 Lab File: BF103844.D
 Acq: 22 Mar 2018 11:28

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	34.8	29.9	44.9

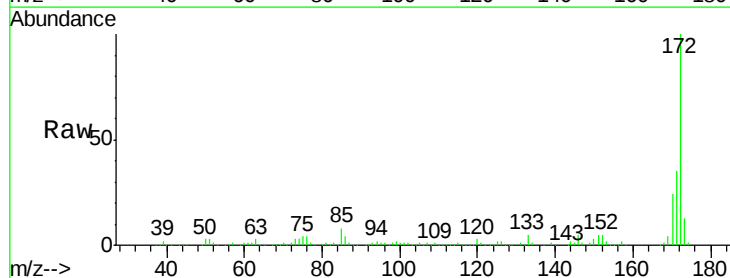


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

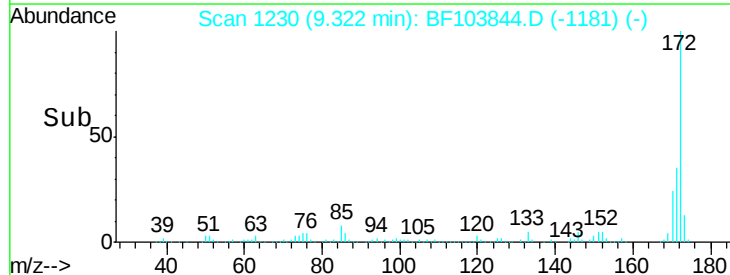
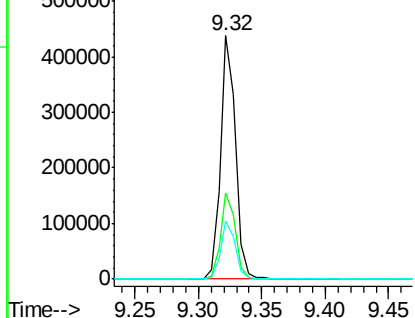


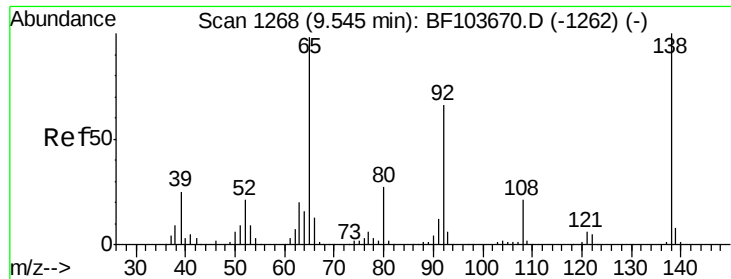
#44
 2-Fluorobiphenyl
 Concen: 20.007 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: BF103844.D
 Acq: 22 Mar 2018 11:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.7	44.5
170	24.1	19.6	29.4



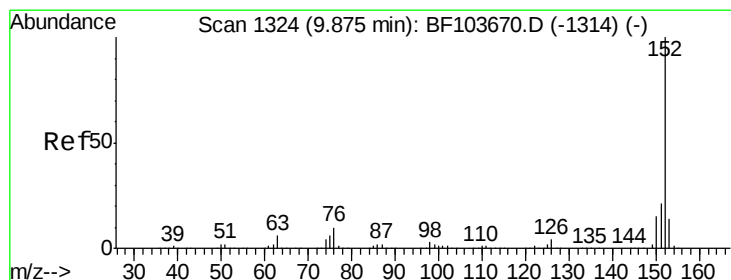
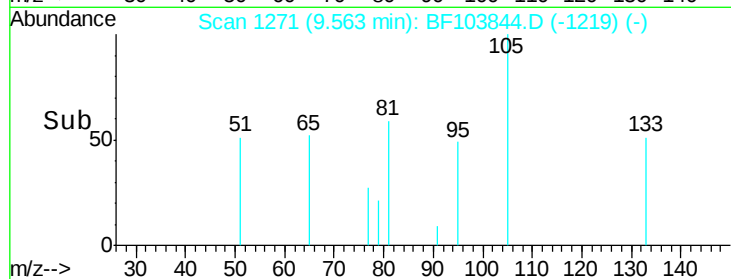
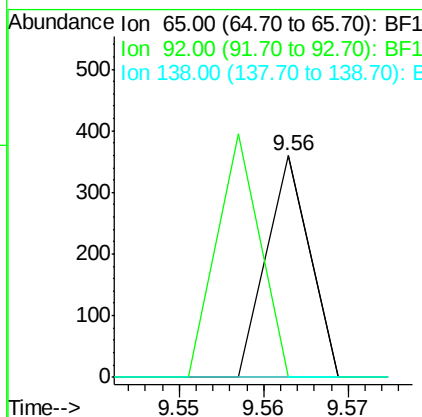
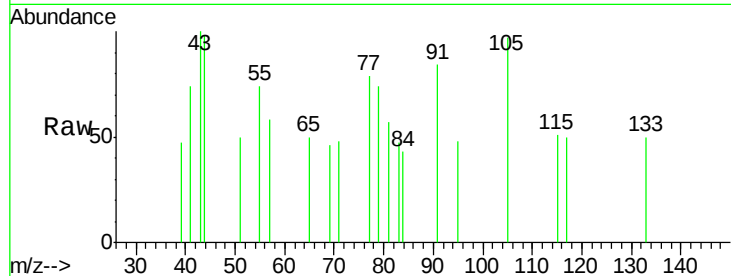
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





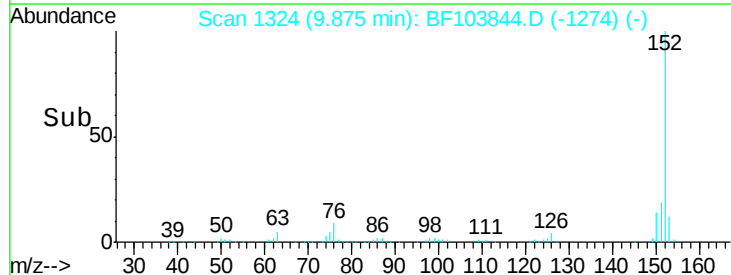
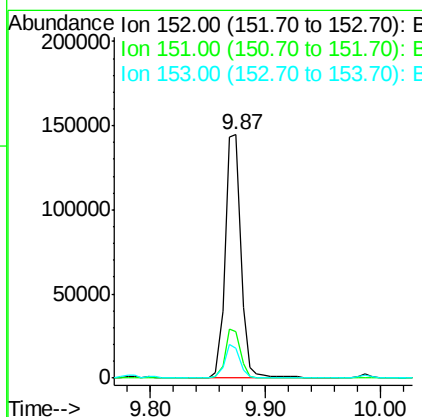
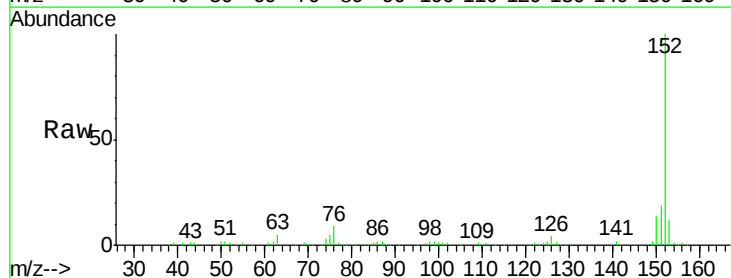
#47
2-Nitroaniline
Concen: 6.836 ng
RT: 9.56 min Scan# 1271
Delta R.T. 0.01 min
Lab File: BF103844.D
Acq: 22 Mar 2018 11:28

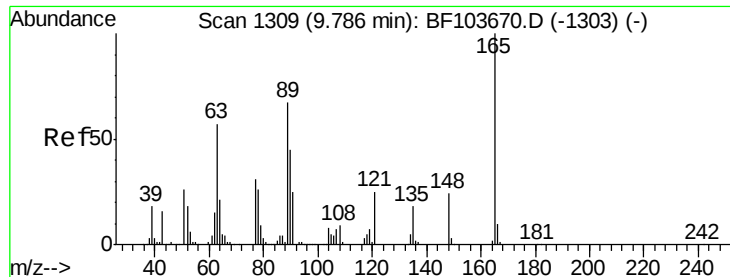
Tot Ion: 65 Resp: 127
Ion Ratio Lower Upper
65 100
92 0.0 55.8 83.6#
138 0.0 91.2 136.8#



#48
Acenaphthylene
Concen: 4.605 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF103844.D
Acq: 22 Mar 2018 11:28

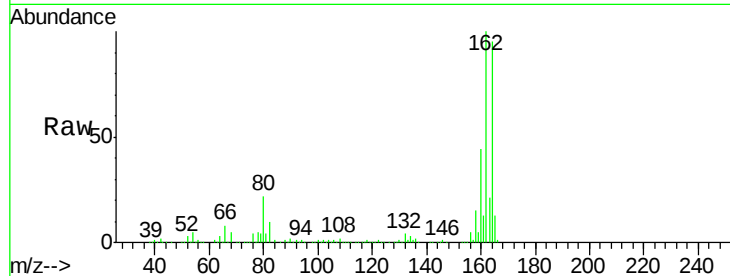
Tgt Ion: 152 Resp: 137852
Ion Ratio Lower Upper
152 100
151 19.1 16.3 24.5
153 12.4 10.7 16.1





#50
 2,6-Dinitrotoluene
 Concen: 12.378 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. 0.21 min
 Lab File: BF103844.D
 Acq: 22 Mar 2018 11:28

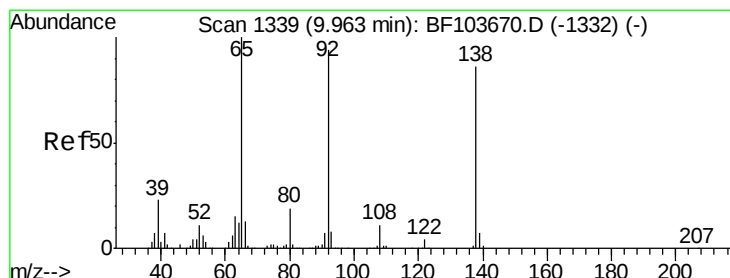
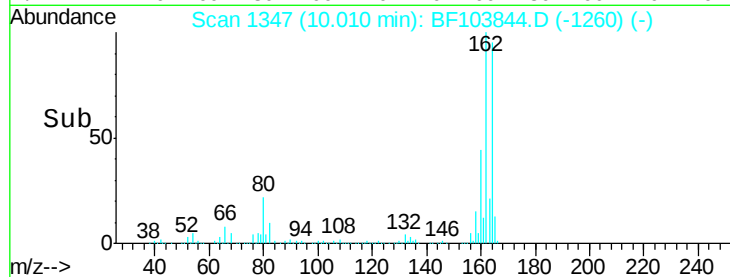
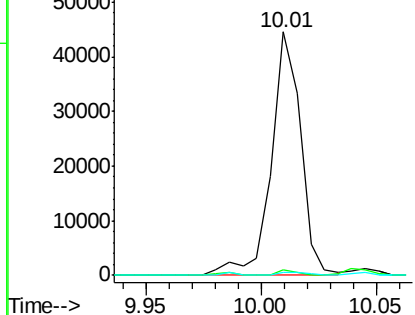
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.0	44.7	67.1#
89	1.4	44.0	66.0#



Abundance Ion 165.00 (164.70 to 165.70): E

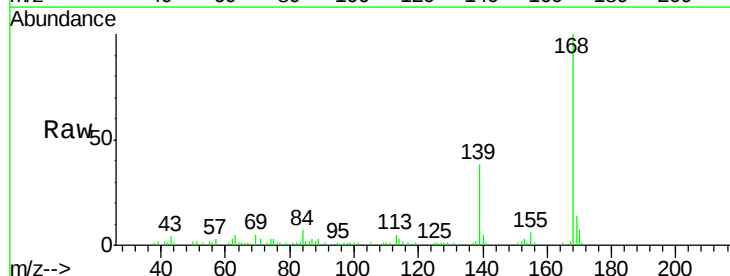
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52
 3-Nitroaniline
 Concen: 3.963 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. 0.25 min
 Lab File: BF103844.D
 Acq: 22 Mar 2018 11:28

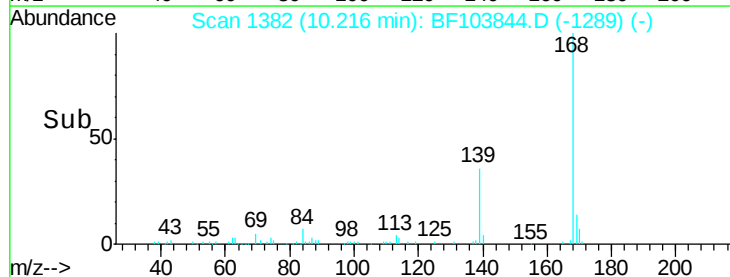
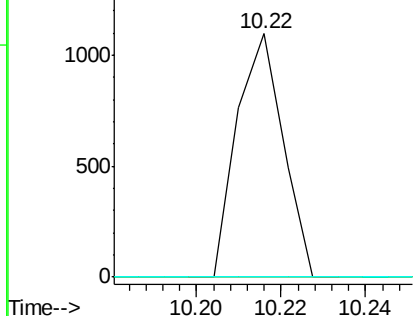
Tgt Ion	Ratio	Lower	Upper
138	100		
108	0.0	9.4	14.0#
92	0.0	89.4	134.2#

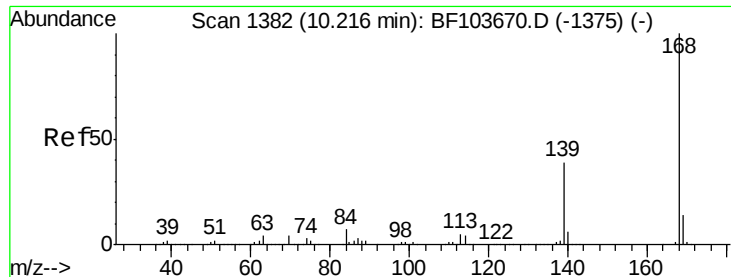


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

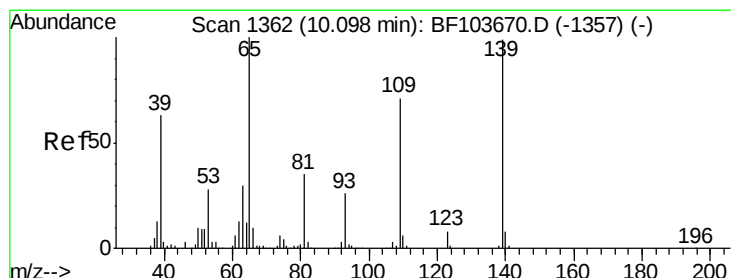
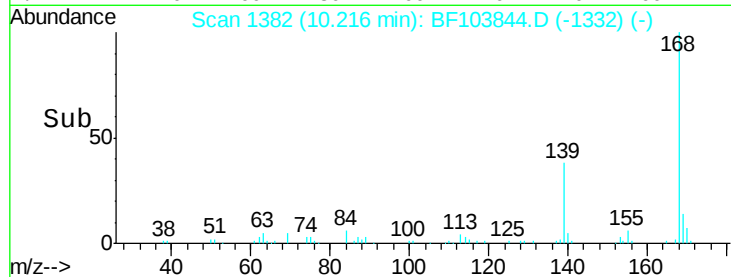
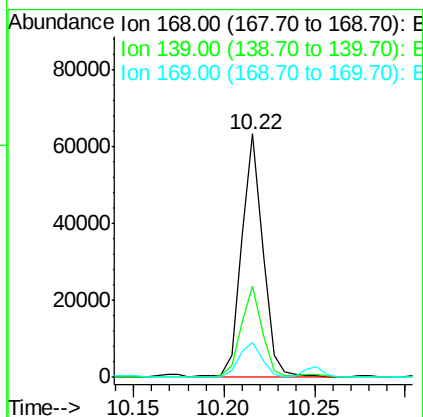
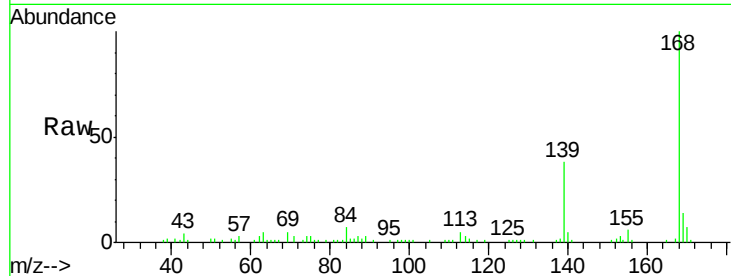
Ion 92.00 (91.70 to 92.70): BF1





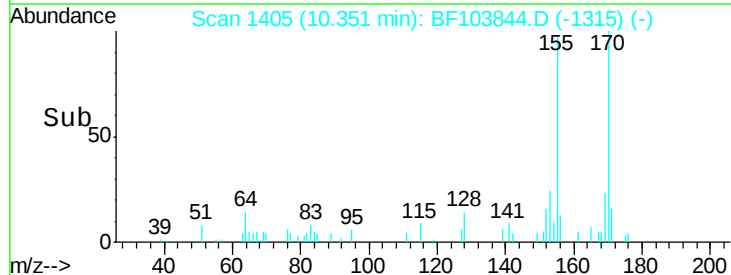
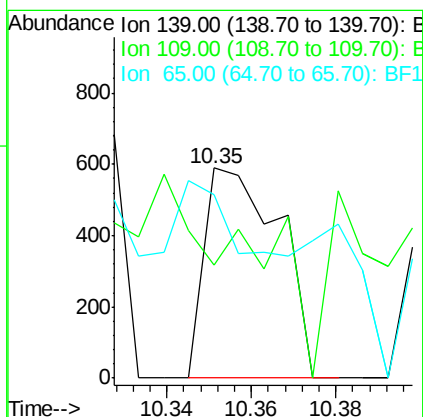
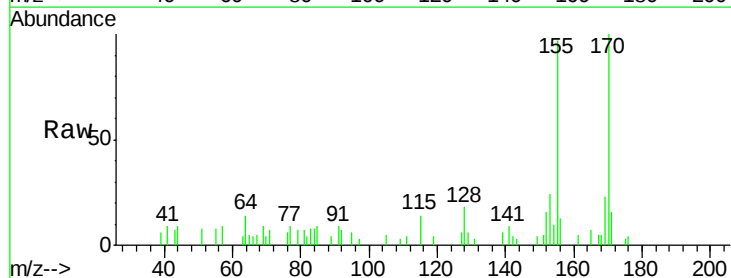
#54
Dibenzenofuran
Concen: 2.045 ng
RT: 10.22 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BF103844.D
Acq: 22 Mar 2018 11:28

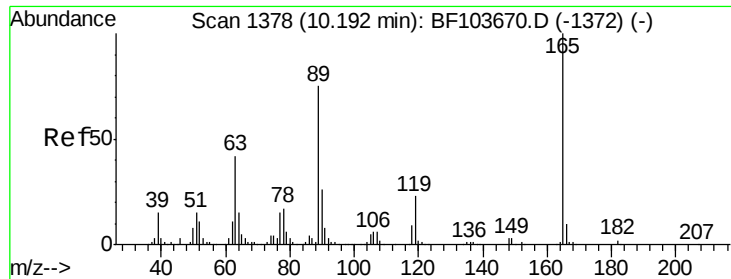
Tot Ion:168 Resp: 51912
Ion Ratio Lower Upper
168 100
139 37.6 30.1 45.1
169 14.4 10.9 16.3



#55
4-Nitrophenol
Concen: 5.136 ng
RT: 10.35 min Scan# 1405
Delta R.T. 0.23 min
Lab File: BF103844.D
Acq: 22 Mar 2018 11:28

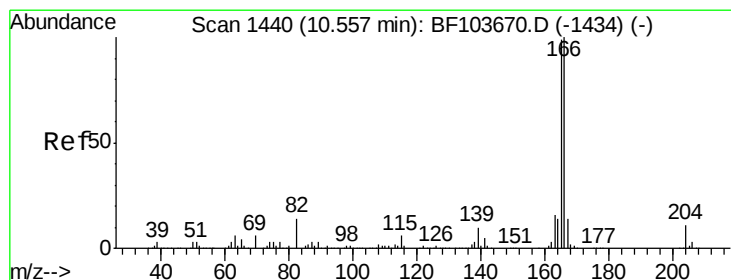
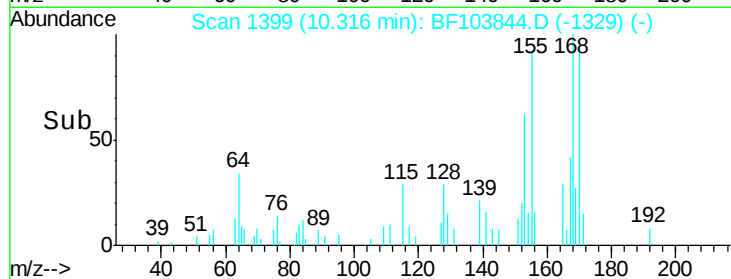
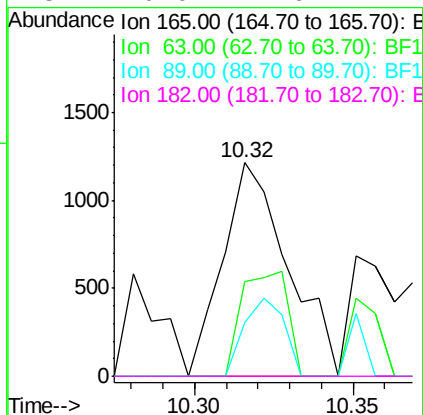
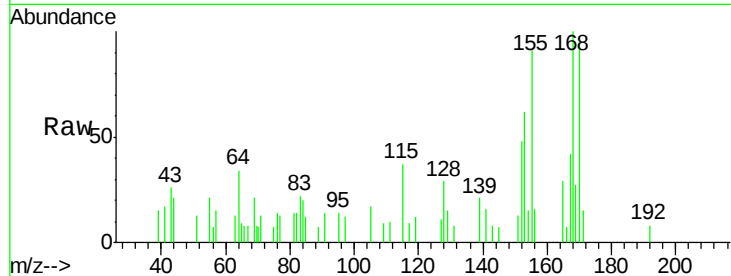
Tgt Ion:139 Resp: 723
Ion Ratio Lower Upper
139 100
109 53.9 48.4 88.4
65 87.1 72.6 112.6





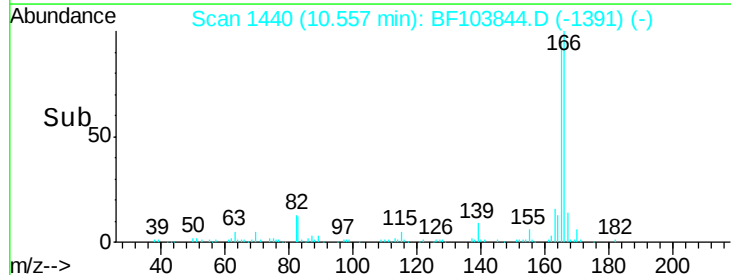
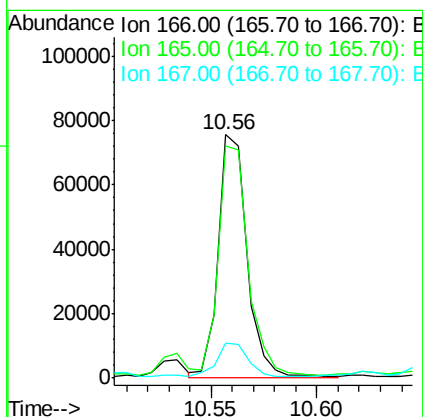
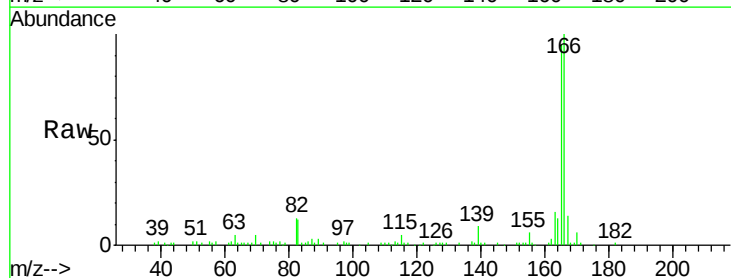
#56
2,4-Dinitrotoluene
Concen: 6.490 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.11 min
Lab File: BF103844.D
Acq: 22 Mar 2018 11:28

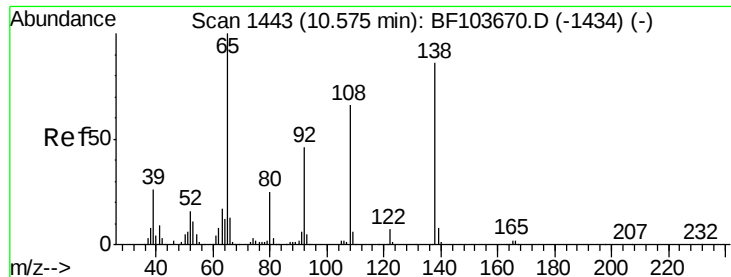
Tot Ion:	165	Resp:	1733
Ion	Ratio	Lower	Upper
165	100		
63	44.4	36.4	54.6
89	25.4	57.8	86.6#
182	0.0	1.6	2.4#



#57
Fluorene
Concen: 3.644 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF103844.D
Acq: 22 Mar 2018 11:28

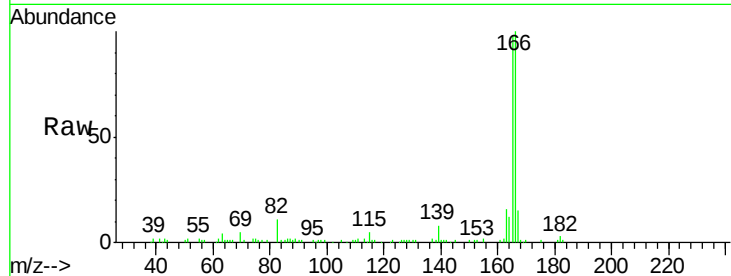
Tgt Ion:	166	Resp:	71782
Ion	Ratio	Lower	Upper
166	100		
165	95.1	79.8	119.8
167	14.2	10.6	16.0



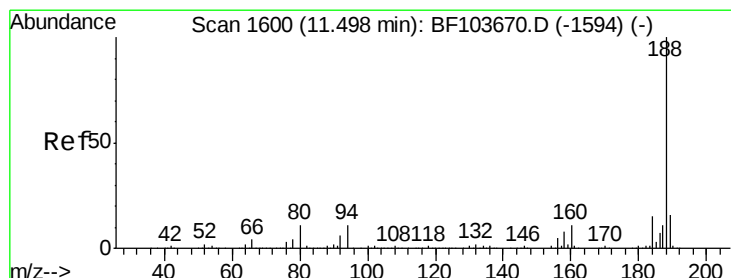
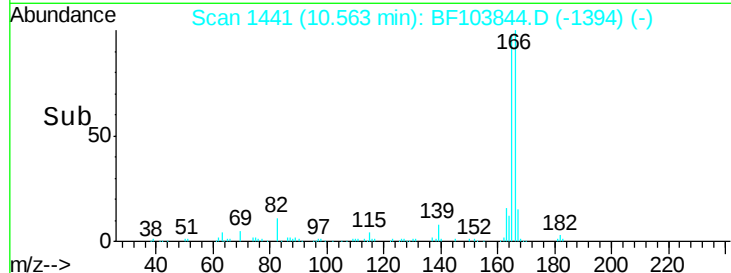
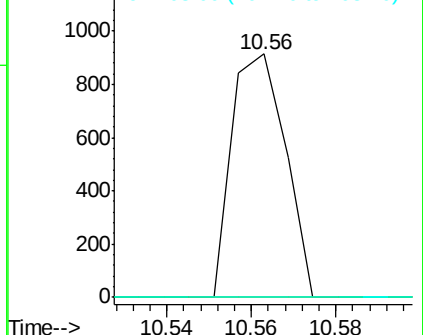


#61
4-Nitroaniline
Concen: 3.899 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.02 min
Lab File: BF103844.D
Acq: 22 Mar 2018 11:28

Tot Ion:138 Resp: 805
Ion Ratio Lower Upper
138 100
92 0.0 30.2 70.2#
108 0.0 52.5 92.5#

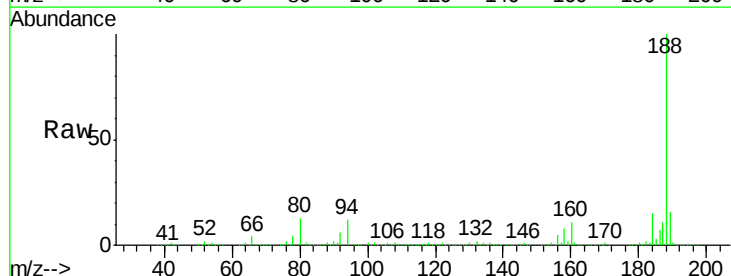


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

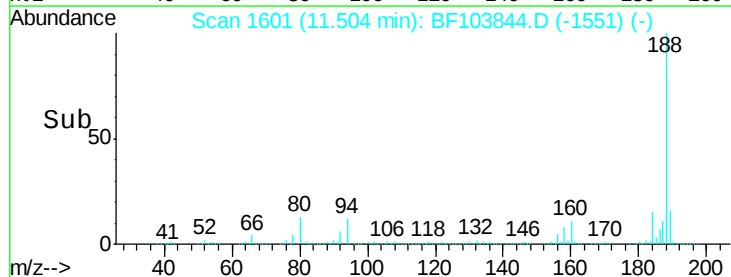
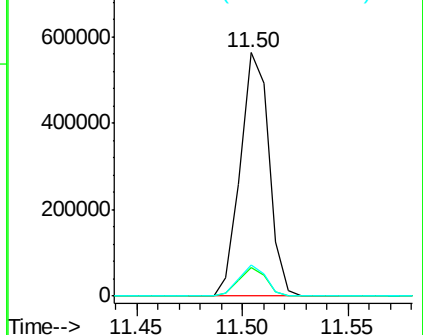


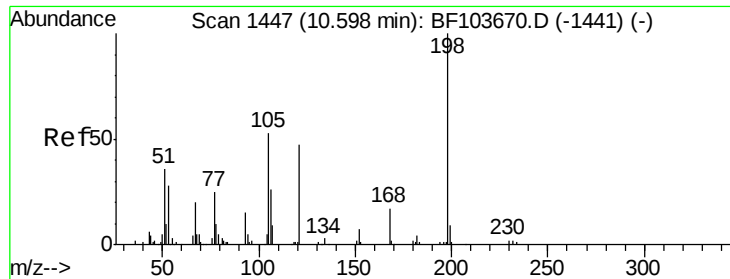
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF103844.D
Acq: 22 Mar 2018 11:28

Tgt Ion:188 Resp: 529544
Ion Ratio Lower Upper
188 100
94 12.0 8.5 12.7
80 12.8 9.2 13.8



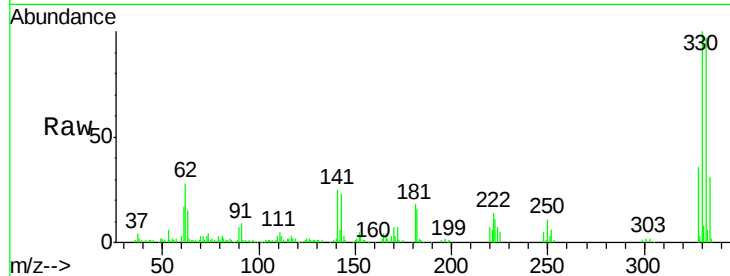
Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1



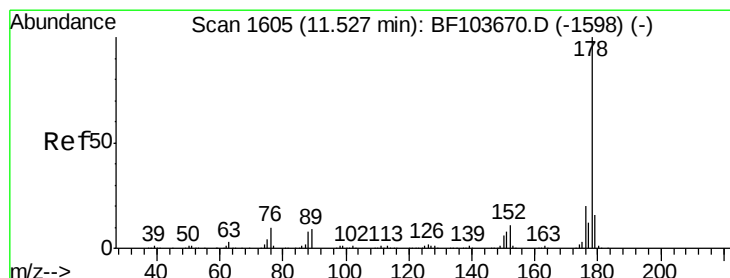
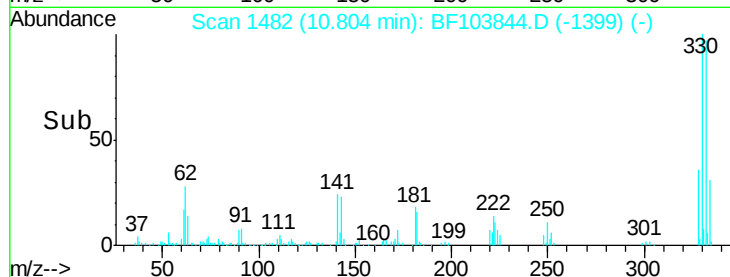
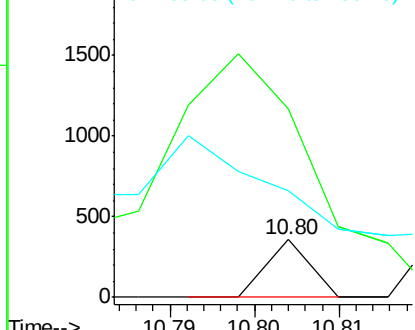


#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.187 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. 0.19 min
 Lab File: BF103844.D
 Acq: 22 Mar 2018 11:28

Tot Ion	Ratio	Lower	Upper
198	100		
51	327.5	37.7	77.7#
105	185.4	36.3	76.3#

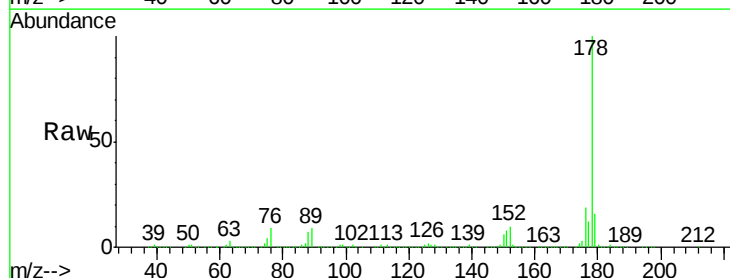


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

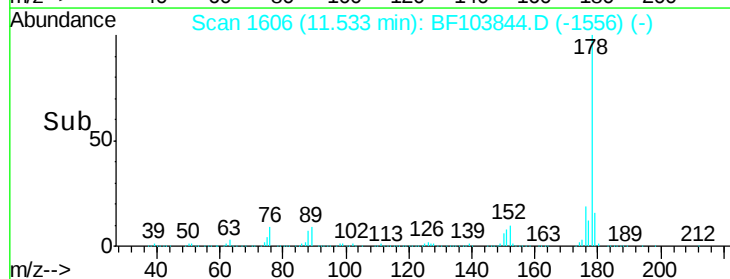
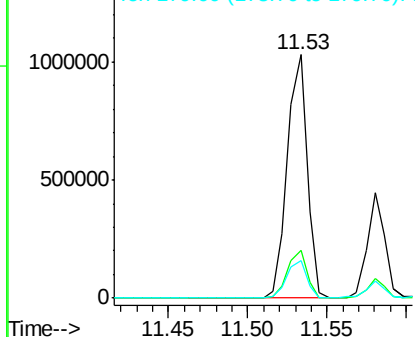


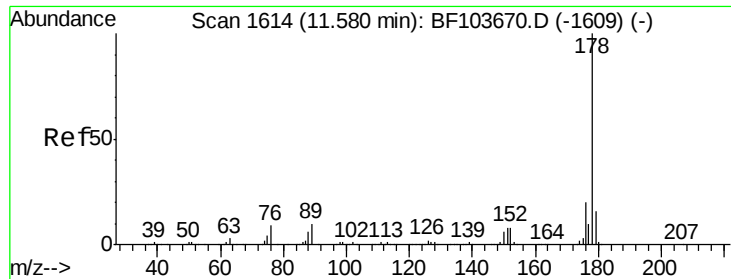
#70
 Phenanthrene
 Concen: 31.116 ng
 RT: 11.53 min Scan# 1606
 Delta R.T. -0.01 min
 Lab File: BF103844.D
 Acq: 22 Mar 2018 11:28

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	15.6	13.0	19.6



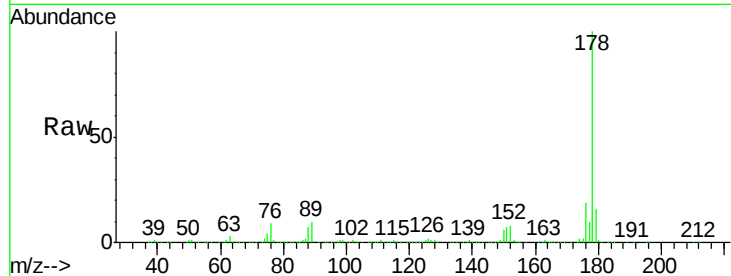
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E



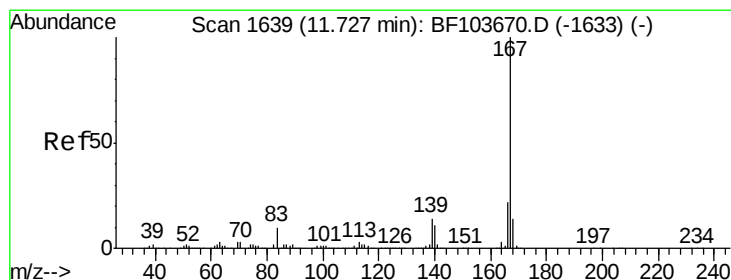
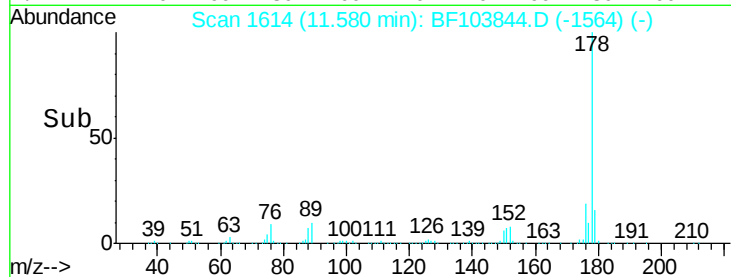
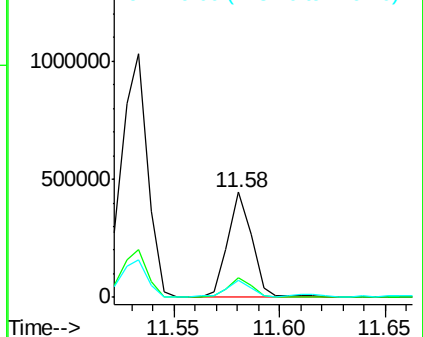


#71
 Anthracene
 Concen: 11.950 ng
 RT: 11.58 min Scan# 1614
 Delta R.T. -0.01 min
 Lab File: BF103844.D
 Acq: 22 Mar 2018 11:28

Tot Ion:178 Resp: 351573
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.4 23.2
 179 16.0 12.6 19.0

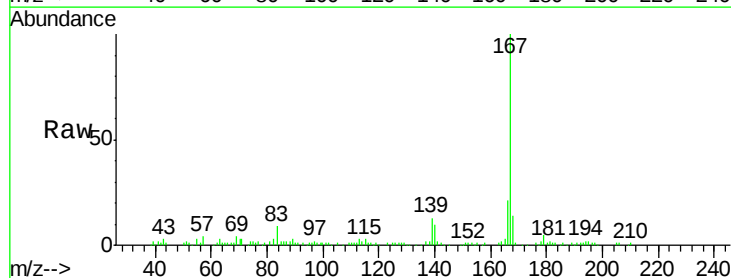


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

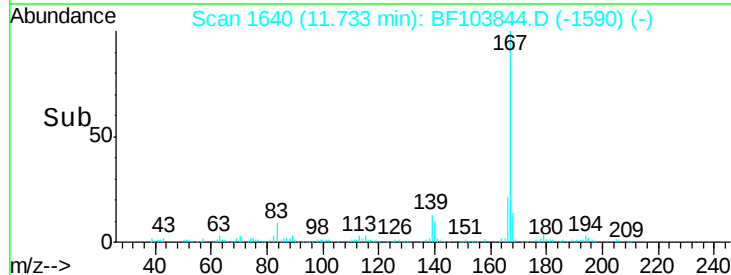
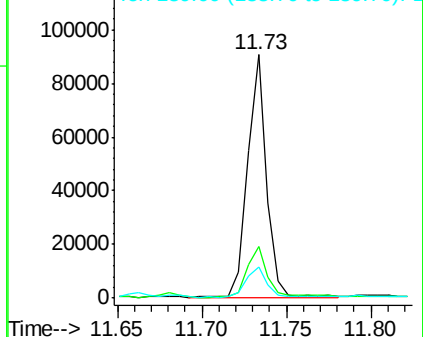


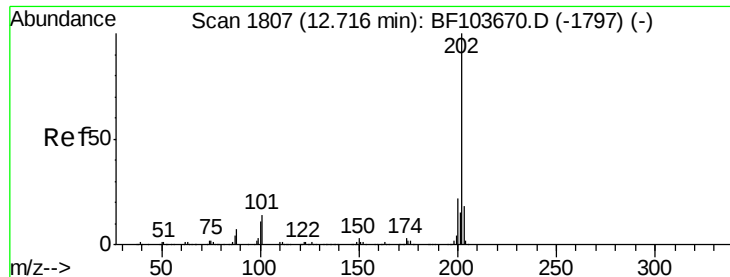
#72
 Carbazole
 Concen: 2.527 ng
 RT: 11.73 min Scan# 1640
 Delta R.T. -0.01 min
 Lab File: BF103844.D
 Acq: 22 Mar 2018 11:28

Tgt Ion:167 Resp: 72262
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.6 26.4
 139 13.0 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 54.050 ng

RT: 12.73 min Scan# 1810

Delta R.T. 0.01 min

Lab File: BF103844.D

Acq: 22 Mar 2018 11:28

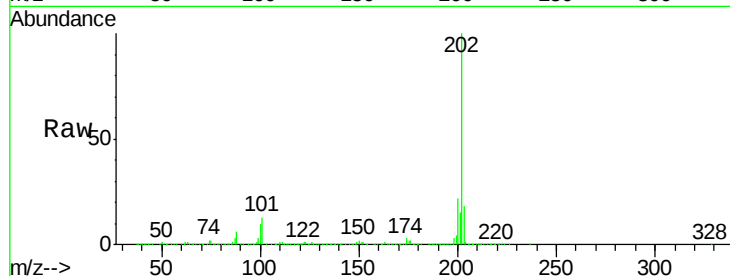
Tot Ion:202 Resp: 1613018

Ion Ratio Lower Upper

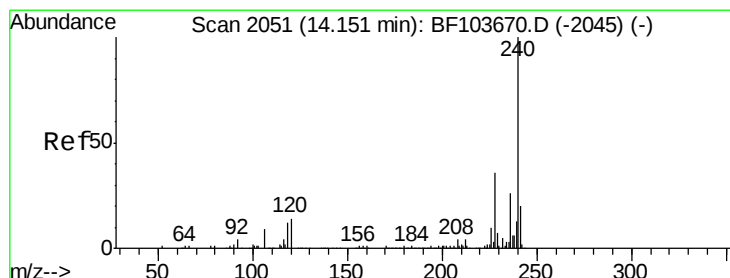
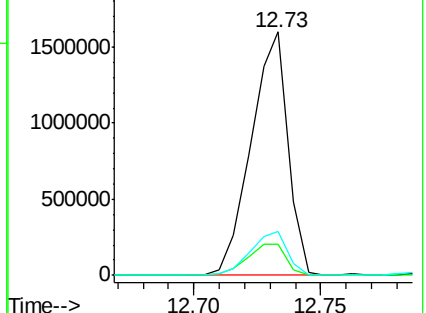
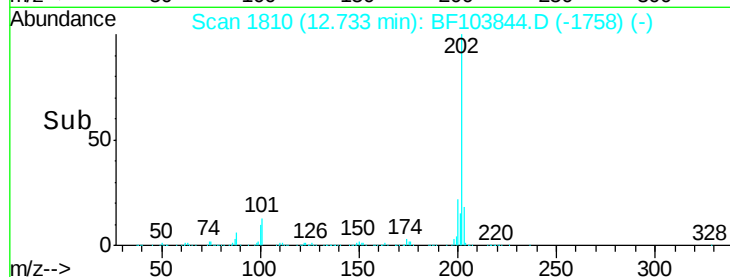
202 100

101 12.8 0.0 34.1

203 18.1 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: 14.16 min Scan# 2053

Delta R.T. 0.00 min

Lab File: BF103844.D

Acq: 22 Mar 2018 11:28

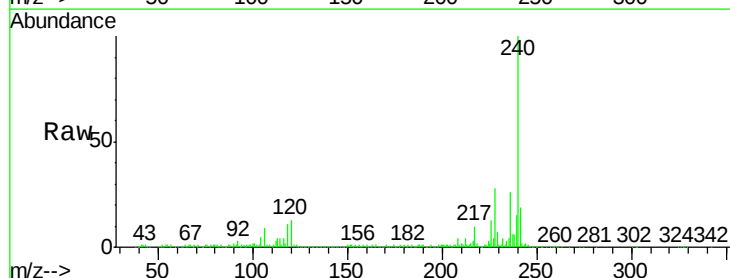
Tgt Ion:240 Resp: 343216

Ion Ratio Lower Upper

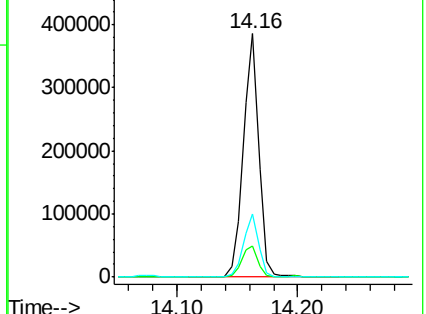
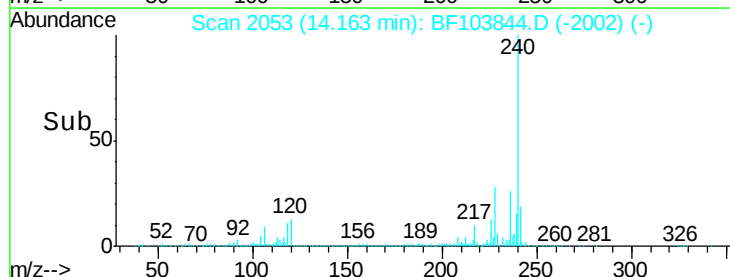
240 100

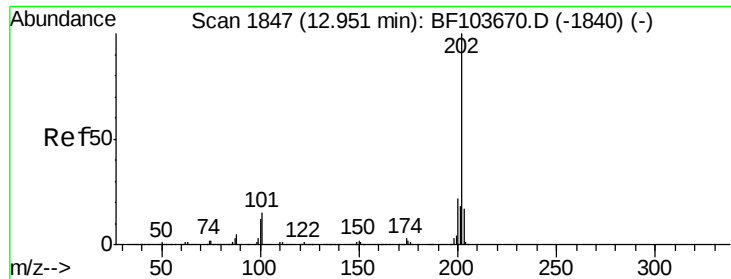
120 12.8 9.5 14.3

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

Pvrene

Concen: 55.306 ng

RT: 12.96 min Scan# 1849

Delta R.T. 0.00 min

Lab File: BF103844.D

Acq: 22 Mar 2018 11:28

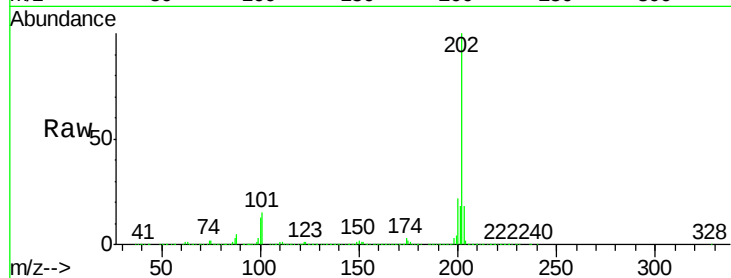
Tot Ion:202 Resp: 1394018

Ion Ratio Lower Upper

202 100

200 22.0 17.4 26.2

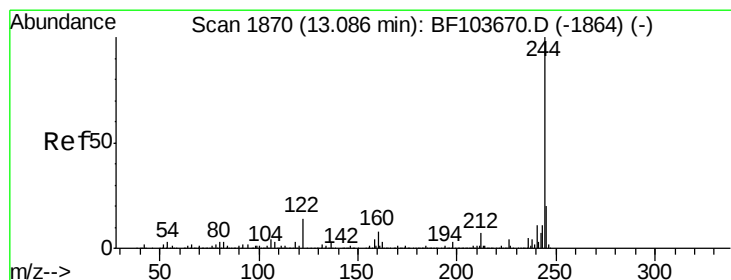
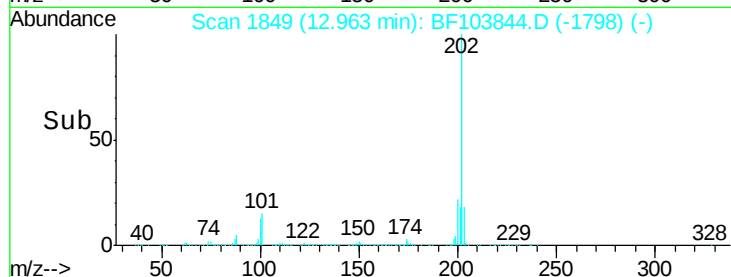
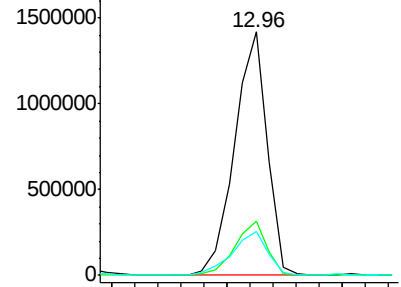
203 18.3 14.3 21.5



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: 22.554 ng

RT: 13.09 min Scan# 1871

Delta R.T. -0.01 min

Lab File: BF103844.D

Acq: 22 Mar 2018 11:28

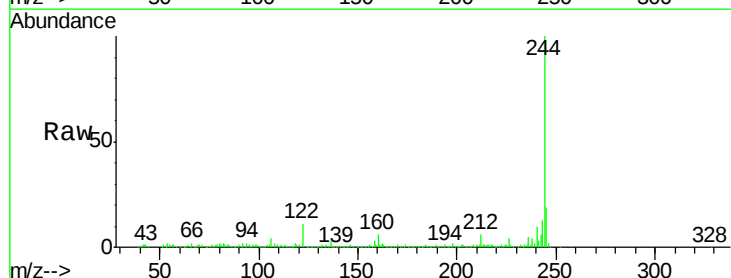
Tgt Ion:244 Resp: 333492

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

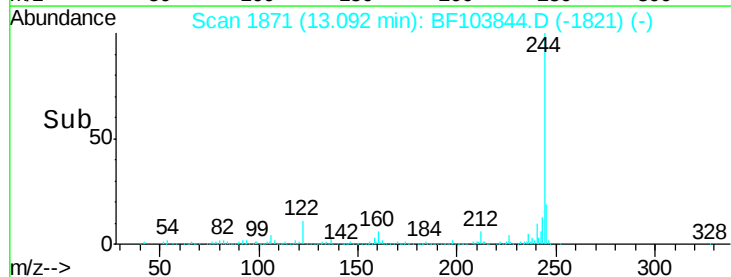
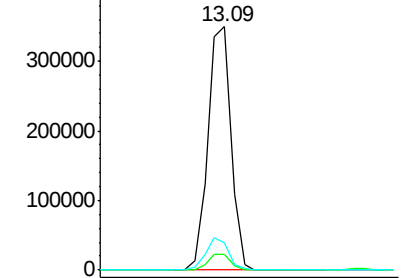
122 11.3 11.0 16.4

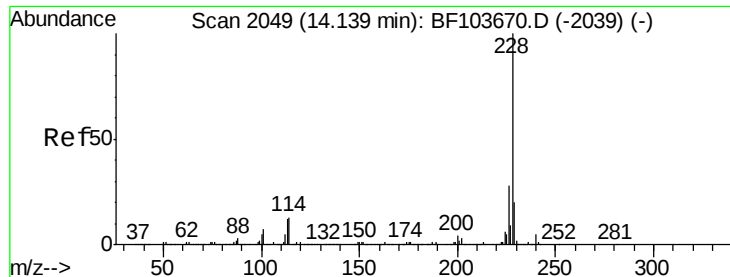


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 27.512 ng

RT: 14.19 min Scan# 2057

Delta R.T. 0.04 min

Lab File: BF103844.D

Acq: 22 Mar 2018 11:28

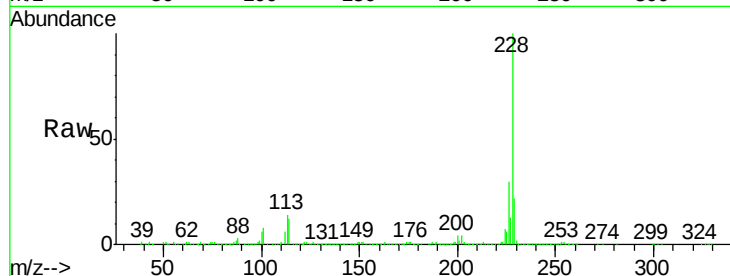
Tot Ion:228 Resp: 597722

Ion Ratio Lower Upper

228 100

226 30.4 22.6 33.8

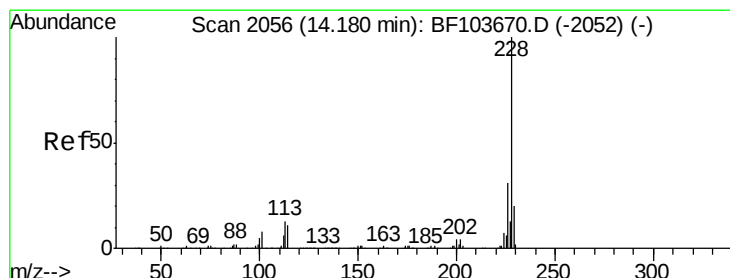
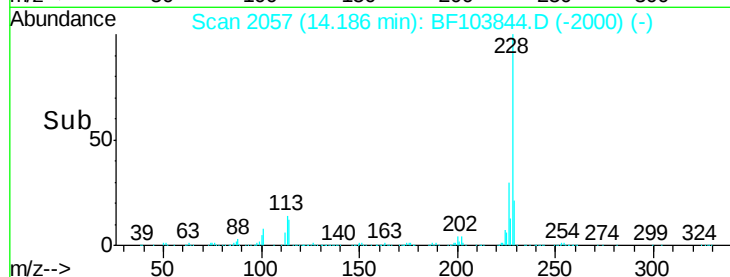
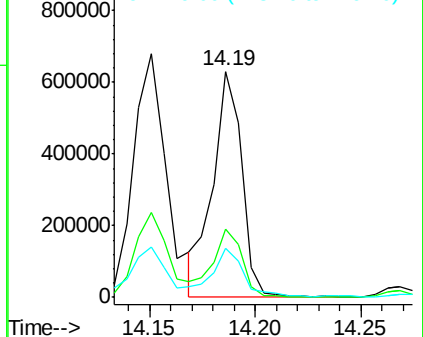
229 21.8 15.8 23.6



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: 28.862 ng

RT: 14.19 min Scan# 2057

Delta R.T. -0.01 min

Lab File: BF103844.D

Acq: 22 Mar 2018 11:28

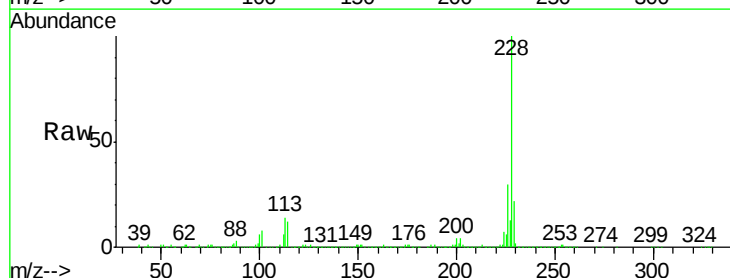
Tgt Ion:228 Resp: 597722

Ion Ratio Lower Upper

228 100

226 30.4 25.0 37.6

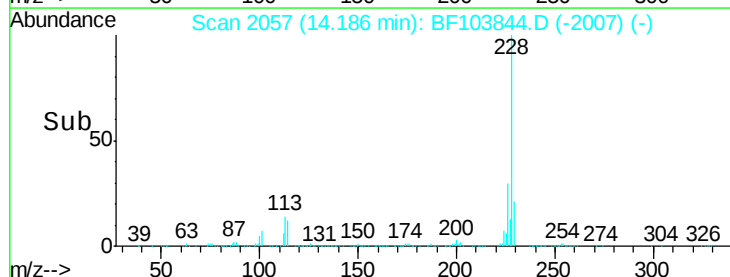
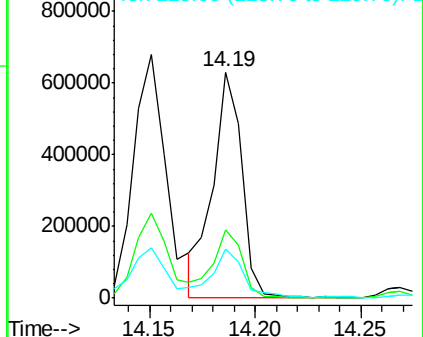
229 21.8 16.2 24.4

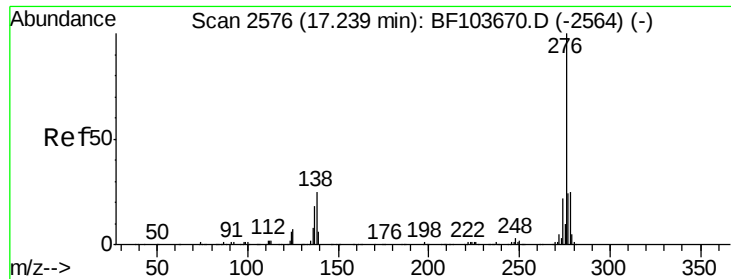


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

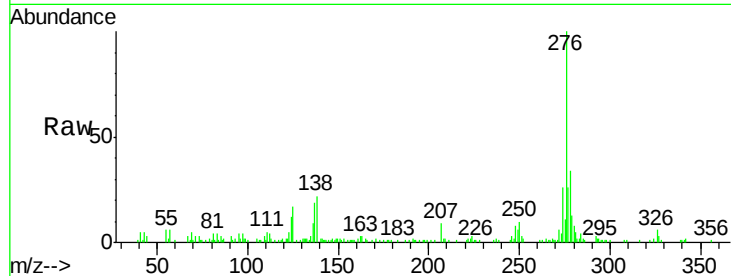
Ion 229.00 (228.70 to 229.70): E



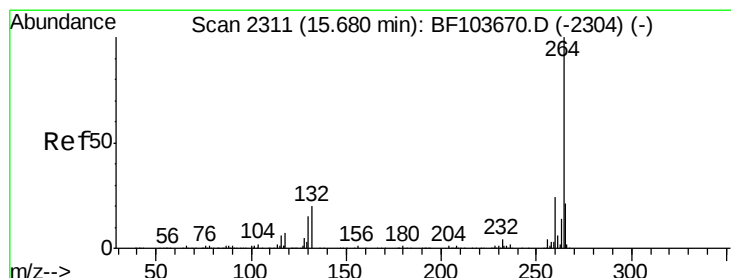
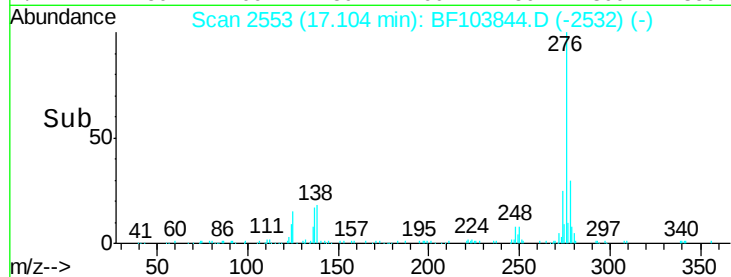
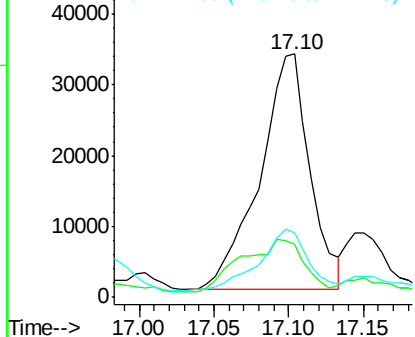


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 4.321 ng
 RT: 17.10 min Scan# 2553
 Delta R.T. -0.18 min
 Lab File: BF103844.D
 Acq: 22 Mar 2018 11:28

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.2	25.0	37.6
277	25.6	20.1	30.1

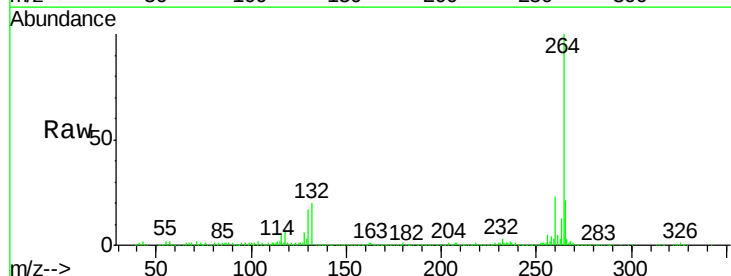


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

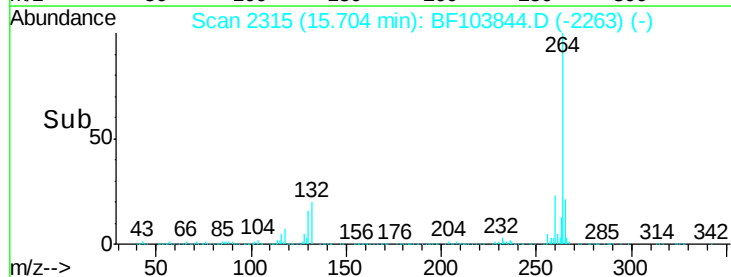
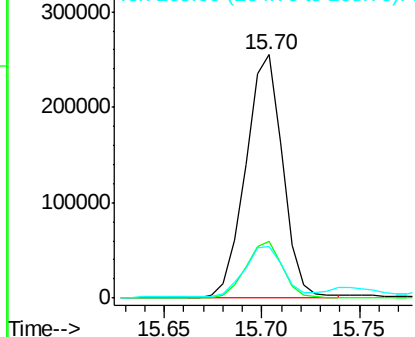


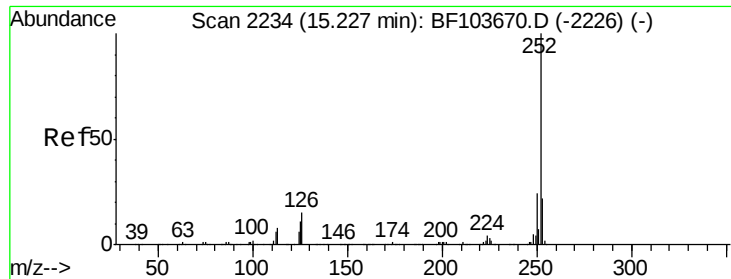
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.70 min Scan# 2315
 Delta R.T. 0.01 min
 Lab File: BF103844.D
 Acq: 22 Mar 2018 11:28

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.1	17.5	26.3



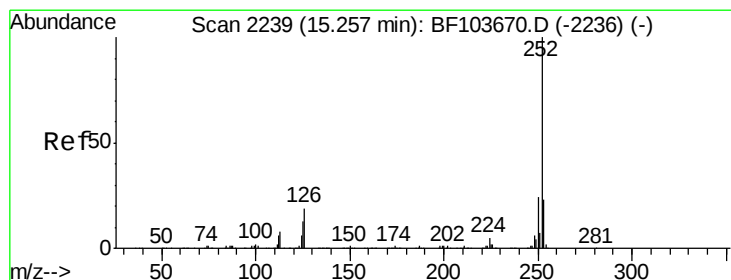
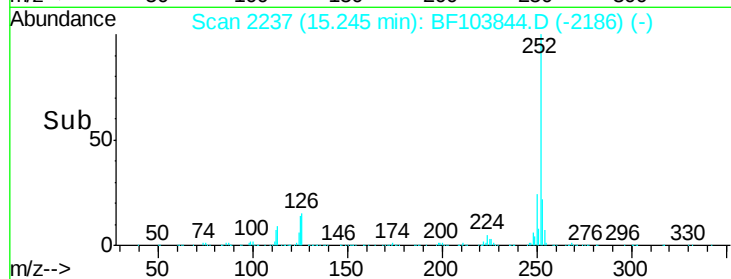
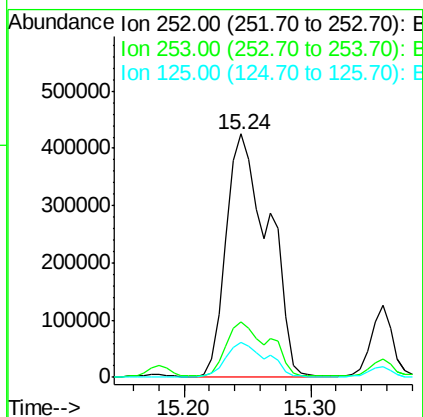
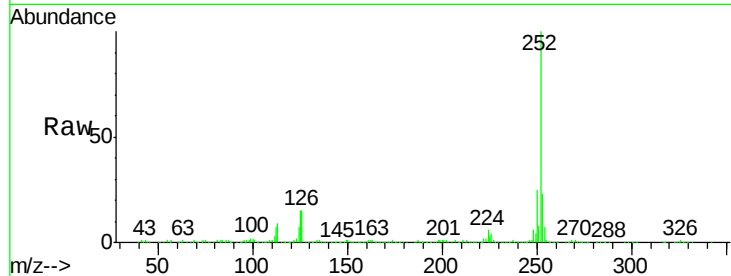
Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





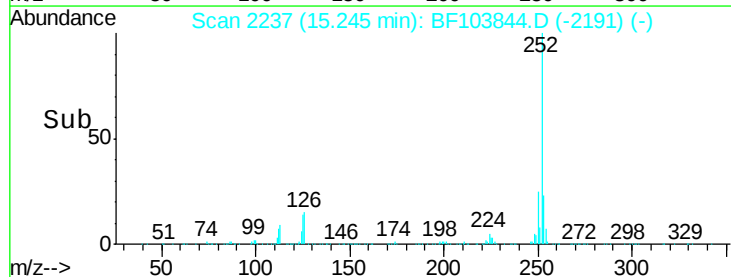
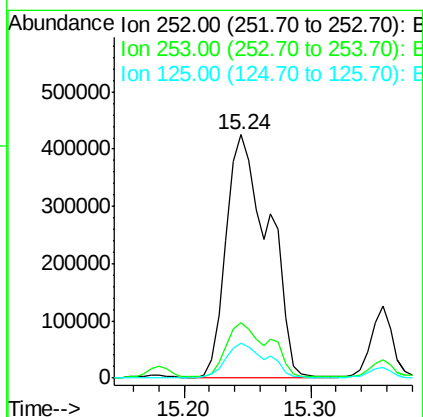
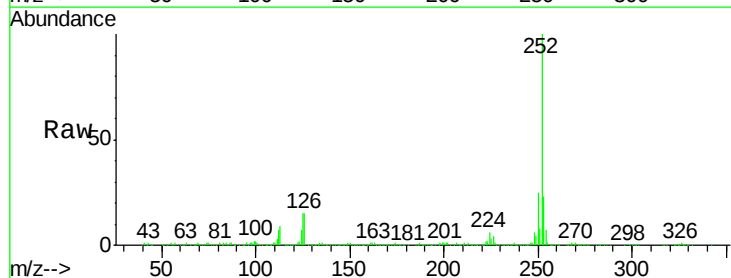
#87
Benzo(b)fluoranthene
Concen: 46.905 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.00 min
Lab File: BF103844.D
Acq: 22 Mar 2018 11:28

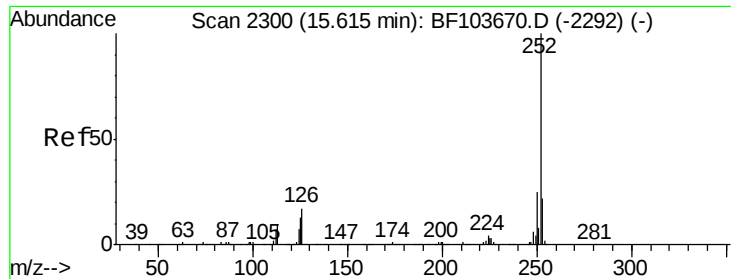
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.0	25.6
125	14.5	9.0	13.6



#88
Benzo(k)fluoranthene
Concen: 48.794 ng
RT: 15.24 min Scan# 2237
Delta R.T. -0.03 min
Lab File: BF103844.D
Acq: 22 Mar 2018 11:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.9	26.9
125	14.5	10.2	15.2





#89

Benzo(a)pyrene

Concen: 28.238 ng

RT: 15.63 min Scan# 2303

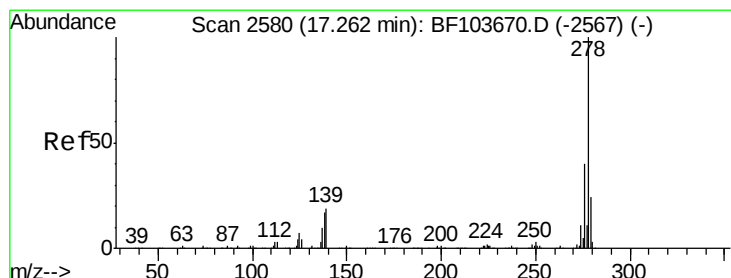
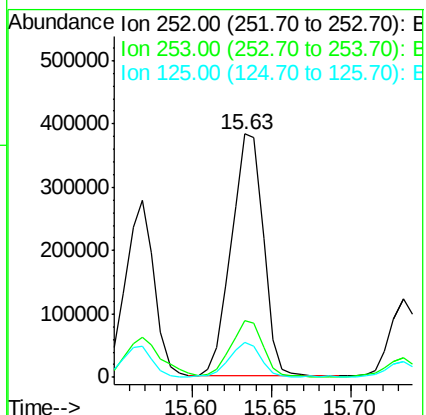
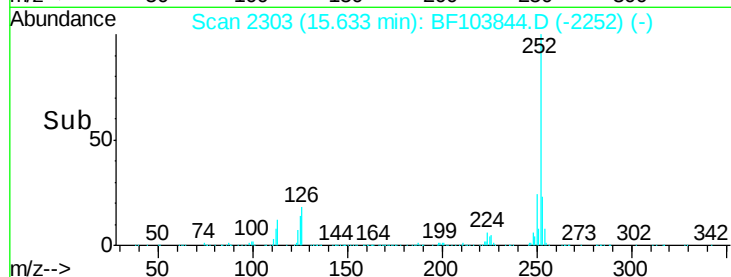
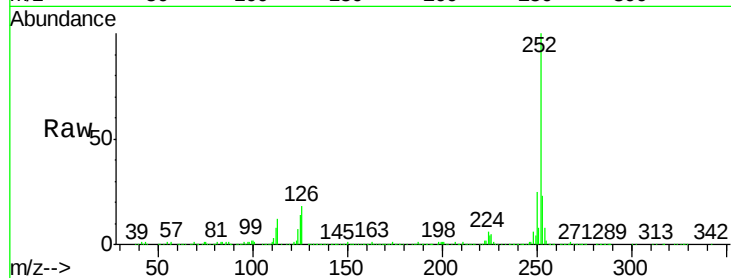
Delta R.T. 0.00 min

Lab File: BF103844.D

Acq: 22 Mar 2018 11:28

Tot Ion:252 Resp: 536983

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.1	25.7
125	14.4	9.8	14.6



#90

Dibenzo(a,h)anthracene

Concen: 5.893 ng

RT: 17.29 min Scan# 2584

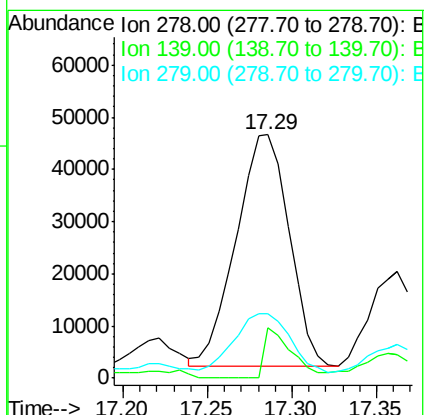
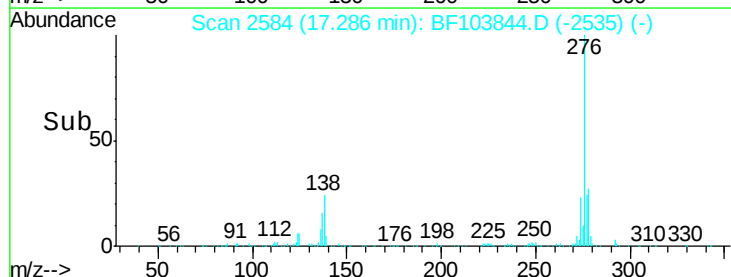
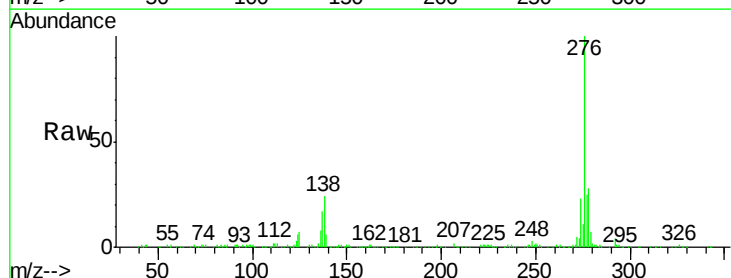
Delta R.T. -0.01 min

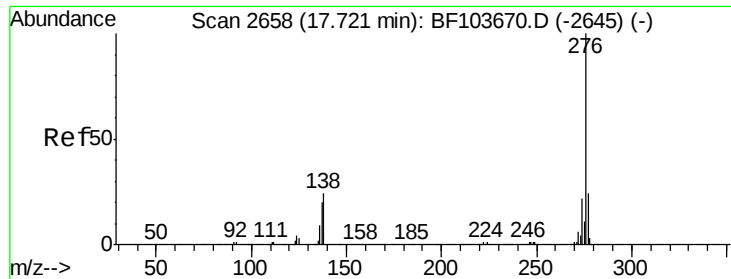
Lab File: BF103844.D

Acq: 22 Mar 2018 11:28

Tgt Ion:278 Resp: 97031

Ion	Ratio	Lower	Upper
278	100		
139	20.6	15.9	23.9
279	26.7	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 27.910 ng
 RT: 17.76 min Scan# 2665
 Delta R.T. 0.00 min
 Lab File: BF103844.D
 Acq: 22 Mar 2018 11:28

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	17.9	26.9
138	24.9	21.8	32.8

