

Data Path : U:\HPCHEM1\BNA F\DATA\BF020618\
 Data File : BF102782.D
 Acq On : 6 Feb 2018 14:24
 Operator : SJ/JU
 Sample : J1454-15
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Feb 06 16:00:34 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	158353	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	732976	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	290605	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	388106	20.00	ng	0.00
75) Chrysene-d12	14.08	240	171073	20.00	ng	0.03
86) Perylene-d12	15.59	264	214898	20.00	ng	0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1174806	112.67	ng	0.01
7) Phenol-d6	6.51	99	1556276	123.96	ng	0.00
23) Nitrobenzene-d5	7.45	82	945412	89.48	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	250693	107.18	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1343898	76.74	ng	0.00
78) Terphenyl-d14	13.02	244	596689	82.59	ng	0.02

Target Compounds

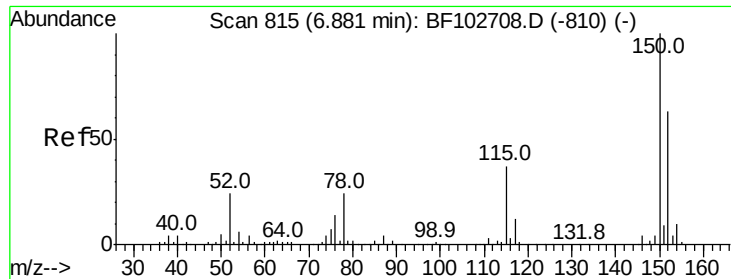
						Qvalue
2) 1,4-Dioxane	2.69	88	11218	2.178	ng	# 76
9) Benzaldehyde	6.45	77	32398	3.475	ng	# 1
10) Phenol	6.52	94	128316	9.537	ng	# 93
15) Benzyl Alcohol	7.05	79	50474	5.229	ng	# 40
18) Hexachloroethane	7.42	117	137889	32.473	ng	# 1
19) n-Nitroso-di-n-propylamine	7.32	70	115709	13.978	ng	# 64
22) Acetophenone	7.28	105	58534	3.263	ng	# 47
24) Nitrobenzene	7.46	77	31048	2.429	ng	# 31
25) Isophorone	7.70	82	104159	4.281	ng	# 1
26) 2-Nitrophenol	7.79	139	14644	11.016	ng	# 1
31) Naphthalene	8.19	128	165671	4.626	ng	# 92
32) Benzoic acid	7.94	122	14137	10.415	ng	# 1
37) 2-Methylnaphthalene	8.88	142	139172	5.936	ng	# 97
47) 2-Nitroaniline	9.48	65	1431	3.695	ng	# 28
49) Dimethylphthalate	9.63	163	203656	8.988	ng	# 96
51) Acenaphthene	9.96	154	192261	10.742	ng	# 100
53) 2,4-Dinitrophenol	9.96	184	389	8.438	ng	# 1
54) Dibenzofuran	10.13	168	237302	9.408	ng	# 96
55) 4-Nitrophenol	10.03	139	11318	6.490	ng	# 1
56) 2,4-Dinitrotoluene	10.12	165	4903	3.869	ng	# 25
57) Fluorene	10.47	166	245587	13.382	ng	# 98
64) 4,6-Dinitro-2-methylphenol	10.54	198	1550	9.679	ng	# 1
65) n-Nitrosodiphenylamine	10.58	169	69848	5.102	ng	# 49
70) Phenanthrene	11.44	178	645780	29.877	ng	# 99
71) Anthracene	11.44	178	645780	29.374	ng	# 99
73) Di-n-butylphthalate	11.97	149	369865	14.137	ng	# 99
74) Fluoranthene	12.66	202	251023	11.543	ng	# 95
77) Pyrene	12.88	202	223725	16.677	ng	# 96
80) Benzo(a)anthracene	14.07	228	73977	6.876	ng	# 80
82) Chrysene	14.10	228	76246	7.030	ng	# 83
83) Bis(2-ethylhexyl)phthalate	14.04	149	19884	2.420	ng	# 45
85) Indeno(1,2,3-cd)pyrene	17.08	276	60845	6.764	ng	# 98
87) Benzo(b)fluoranthene	15.14	252	132945	9.542	ng	# 1
88) Benzo(k)fluoranthene	15.14	252	132945	9.986	ng	# 1

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QLast Update : Mon Feb 05 12:44:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) Benzo(a)pyrene	15.52	252	74683	5.955	ng	# 1
91) Benzo(g,h,i)perylene	17.53	276	65816	6.606	ng	# 85

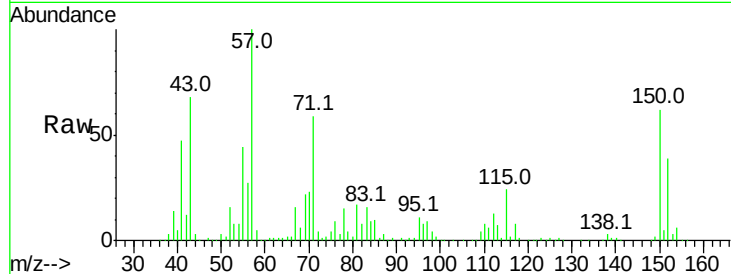
(#) = qualifier out of range (m) = manual integration (+) = signals summed



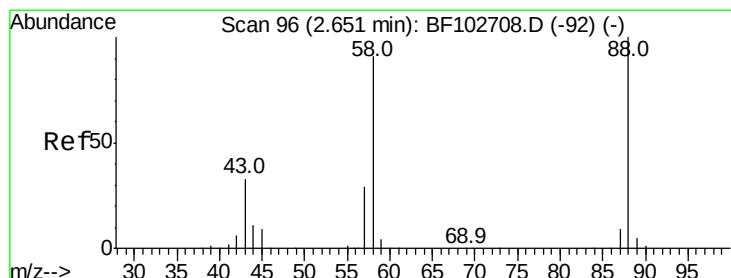
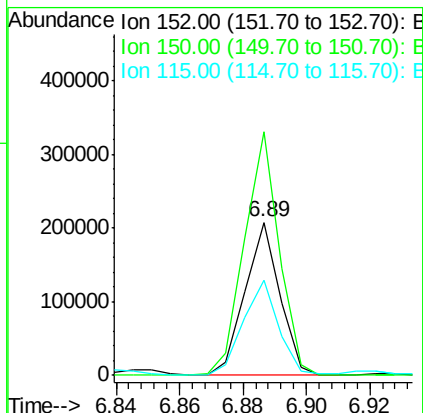
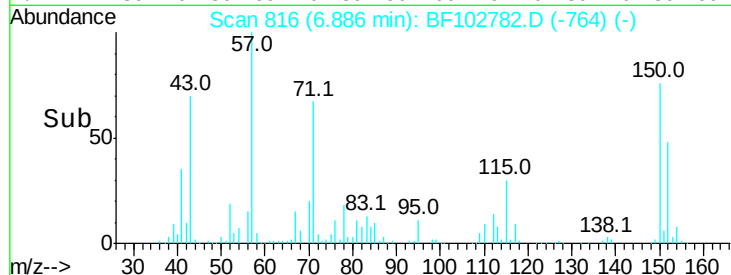
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF102782.D
Acq: 6 Feb 2018 14:24

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.2	124.6	186.8
115	62.4	50.1	75.1



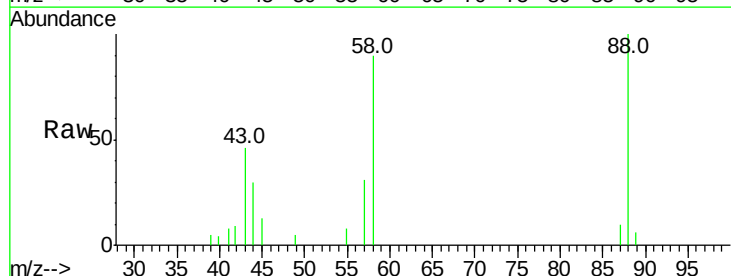
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



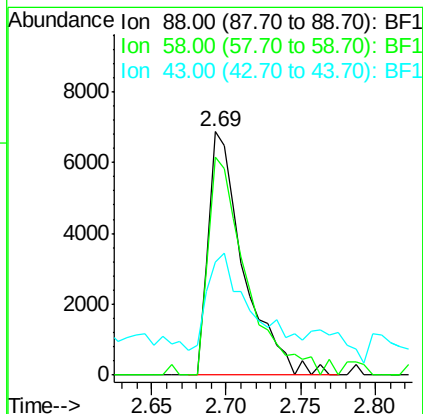
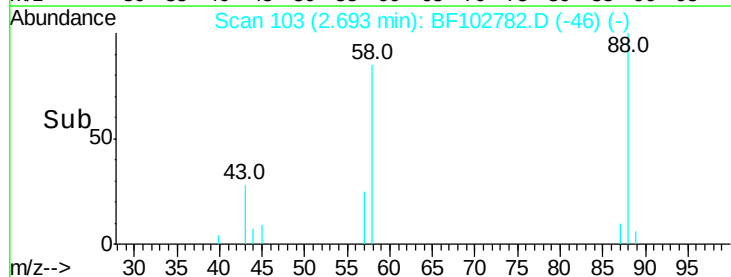
#2

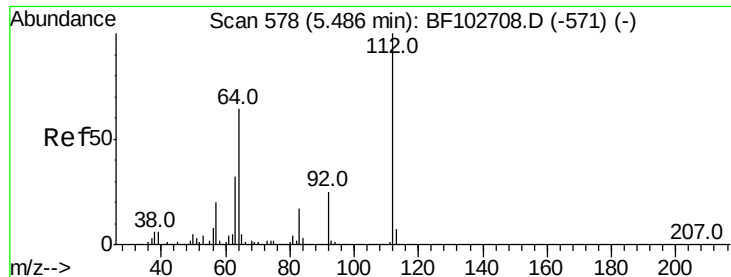
1,4-Dioxane
Concen: 2.178 ng
RT: 2.69 min Scan# 103
Delta R.T. 0.04 min
Lab File: BF102782.D
Acq: 6 Feb 2018 14:24

Tgt Ion	Ratio	Lower	Upper
88	100		
58	97.0	62.6	93.8#
43	46.5	24.6	37.0#



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#5

2-Fluorophenol

Concen: 112.668 ng

RT: 5.50 min Scan# 581

Delta R.T. 0.01 min

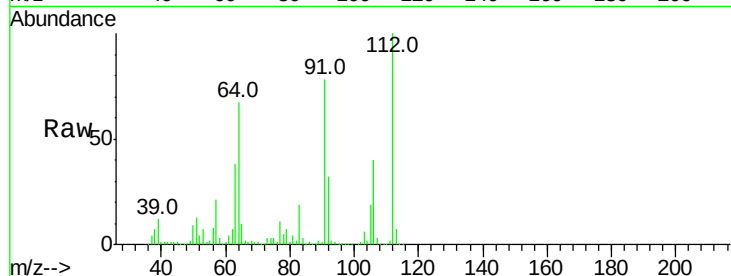
Lab File: BF102782.D

Acq: 6 Feb 2018 14:24

Tot Ion:112 Resp: 1174806

Ion Ratio Lower Upper

112	100		
64	67.0	47.9	71.9
63	38.5	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

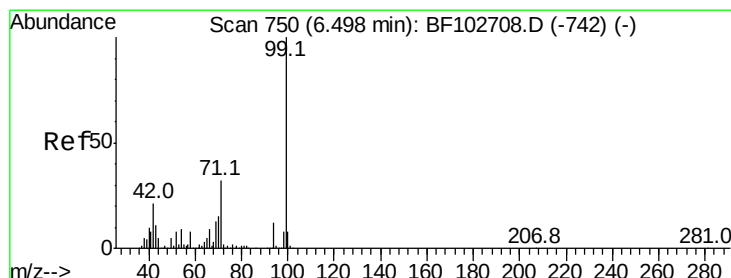
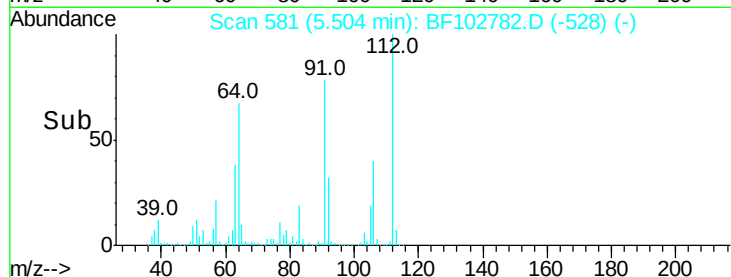
5.50

1000000

500000

0

Time-->



#7

Phenol-d6

Concen: 123.957 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

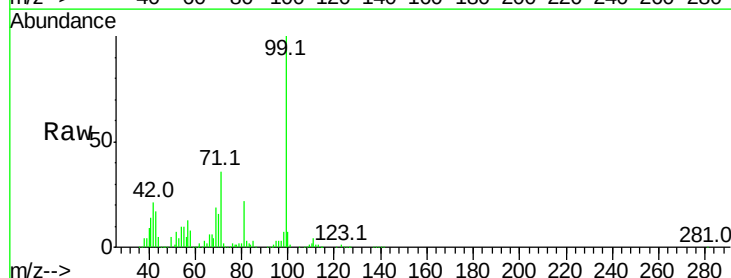
Lab File: BF102782.D

Acq: 6 Feb 2018 14:24

Tgt Ion: 99 Resp: 1556276

Ion Ratio Lower Upper

99	100		
42	20.8	14.5	21.7
71	35.7	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

6.51

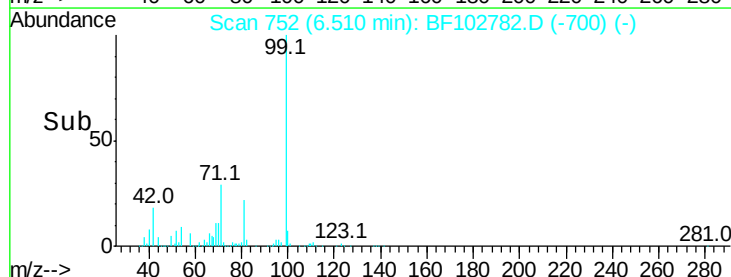
1500000

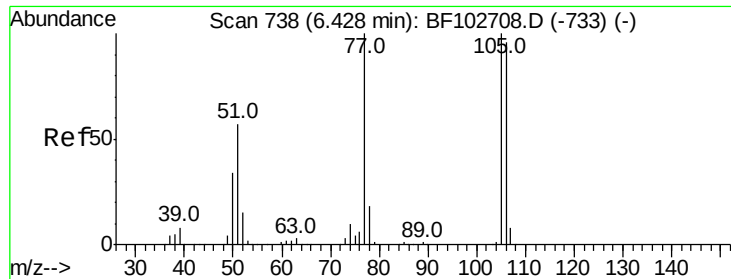
1000000

500000

0

Time-->





#9

Benzaldehyde

Concen: 3.475 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF102782.D

Acq: 6 Feb 2018 14:24

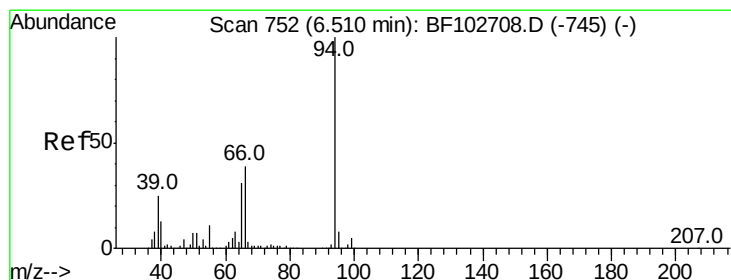
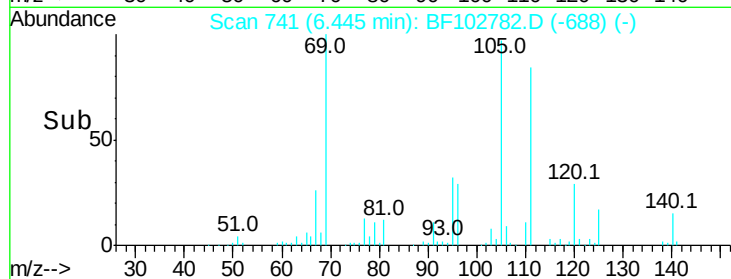
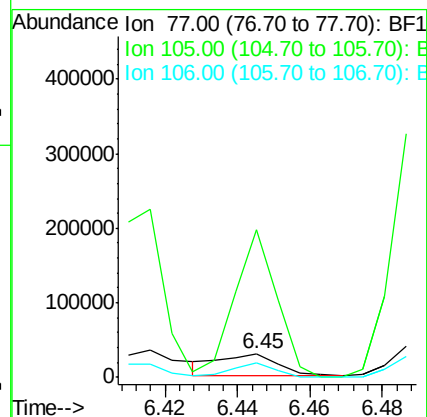
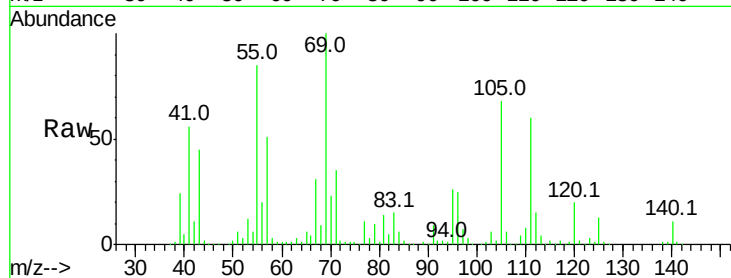
Tot Ion: 77 Resp: 32398

Ion Ratio Lower Upper

77 100

105 623.7 81.1 121.1#

106 59.0 74.5 114.5#



#10

Phenol

Concen: 9.537 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF102782.D

Acq: 6 Feb 2018 14:24

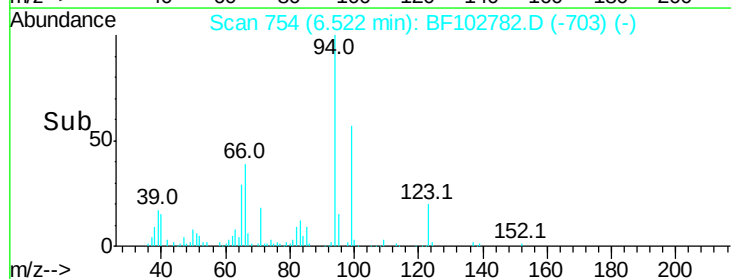
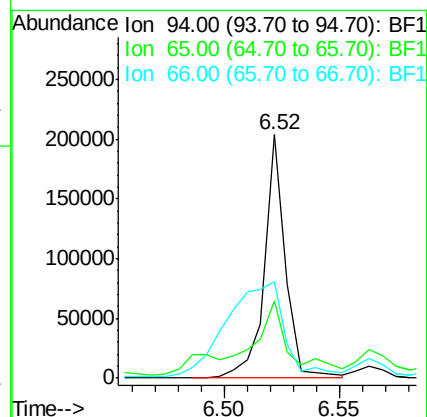
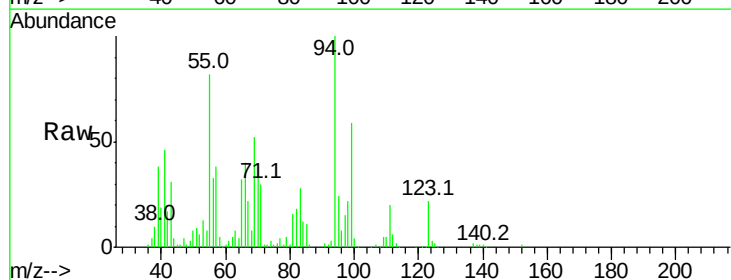
Tgt Ion: 94 Resp: 128316

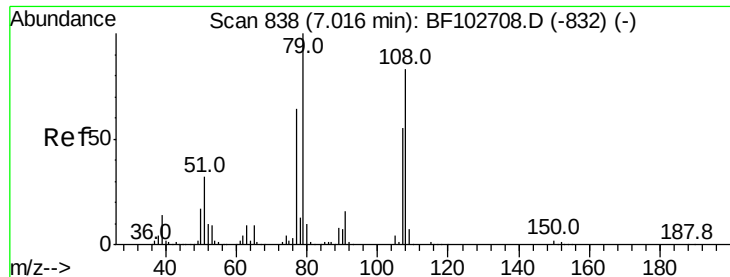
Ion Ratio Lower Upper

94 100

65 31.9 7.9 47.9

66 39.6 16.2 56.2





#15

Benzyl Alcohol

Concen: 5.229 ng

RT: 7.05 min Scan# 843

Delta R.T. 0.02 min

Lab File: BF102782.D

Acq: 6 Feb 2018 14:24

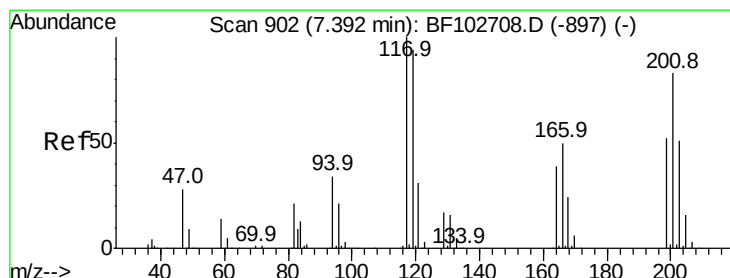
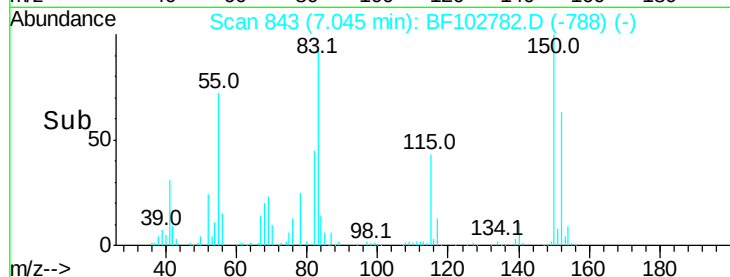
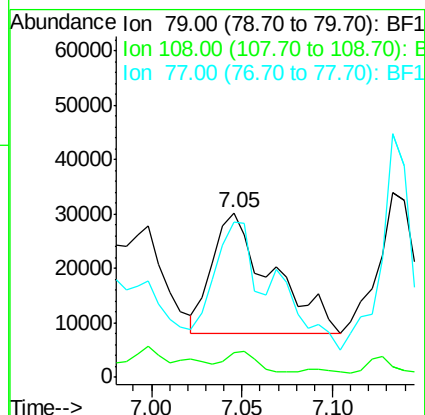
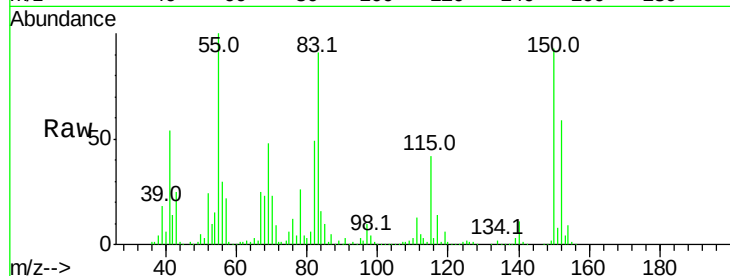
Tot Ion: 79 Resp: 50474

Ion Ratio Lower Upper

79 100

108 14.9 65.1 97.7#

77 94.5 50.6 75.8#



#18

Hexachloroethane

Concen: 32.473 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.02 min

Lab File: BF102782.D

Acq: 6 Feb 2018 14:24

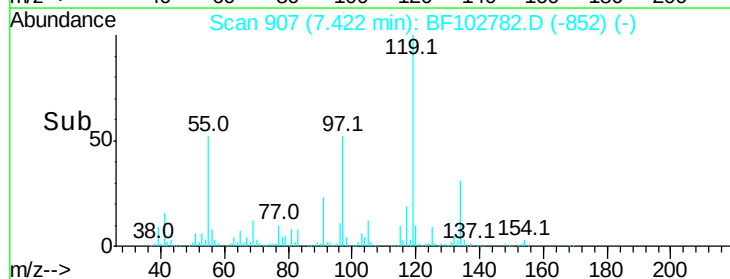
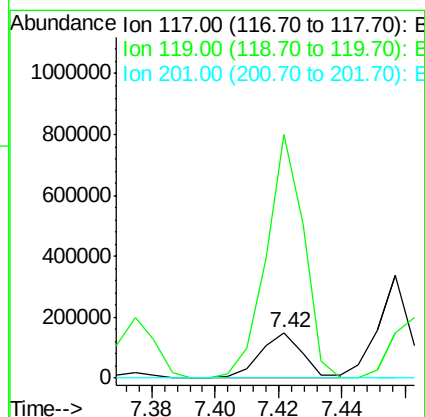
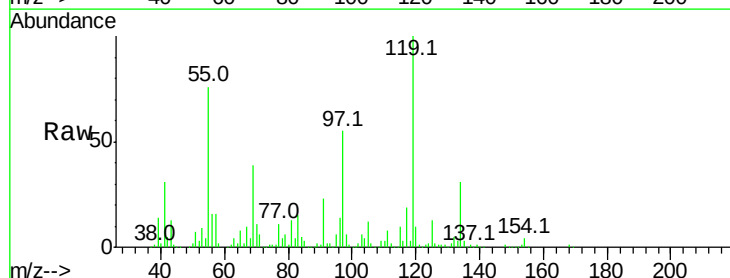
Tgt Ion: 117 Resp: 137889

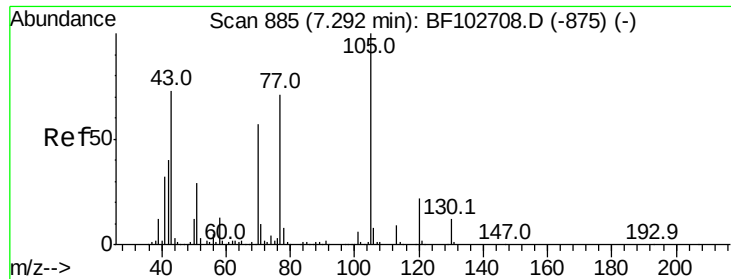
Ion Ratio Lower Upper

117 100

119 534.2 75.8 113.8#

201 0.0 75.7 113.5#





#19

n-Nitroso-di-n-propylamine

Concen: 13.978 ng

RT: 7.32 min Scan# 889

Delta R.T. 0.02 min

Lab File: BF102782.D

Acq: 6 Feb 2018 14:24

Tot Ion: 70 Resp: 115709

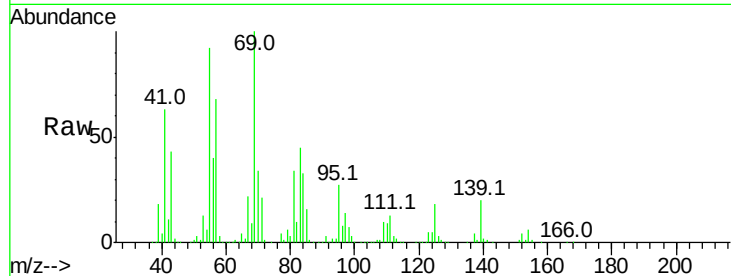
Ion Ratio Lower Upper

70 100

42 32.8 47.5 71.3#

101 0.0 7.4 11.2#

130 0.0 16.6 25.0#

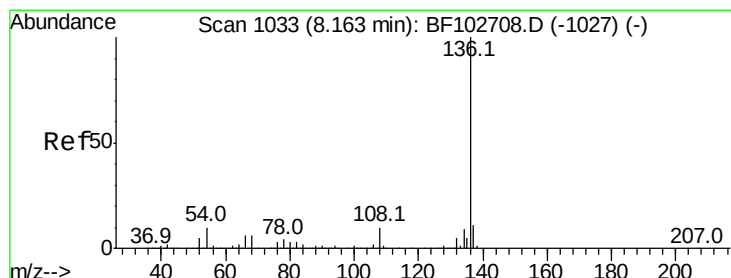
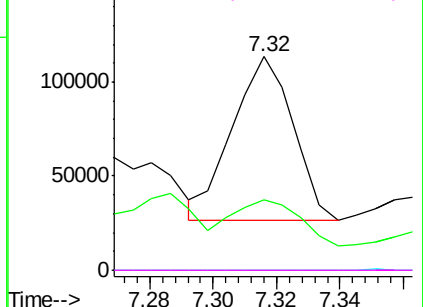
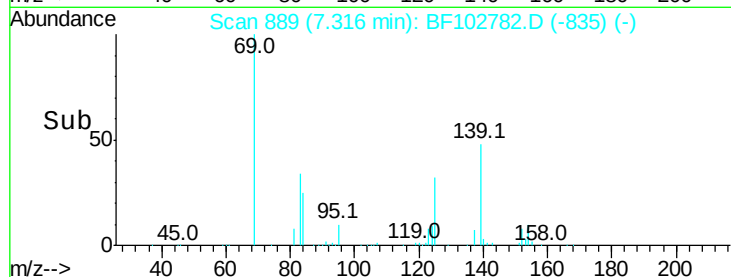


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.17 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF102782.D

Acq: 6 Feb 2018 14:24

Tgt Ion: 136 Resp: 732976

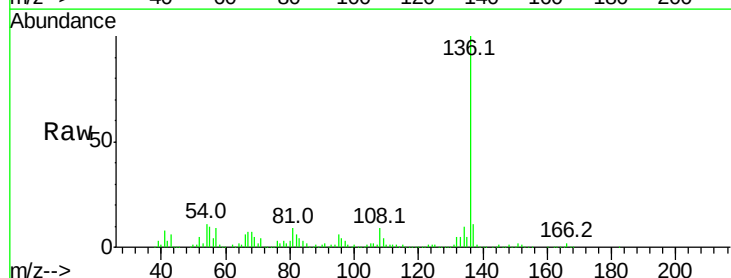
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 10.7 6.6 9.8#

68 7.3 5.0 7.4

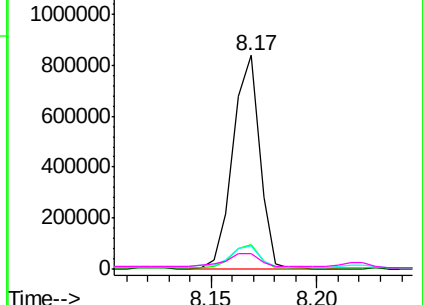
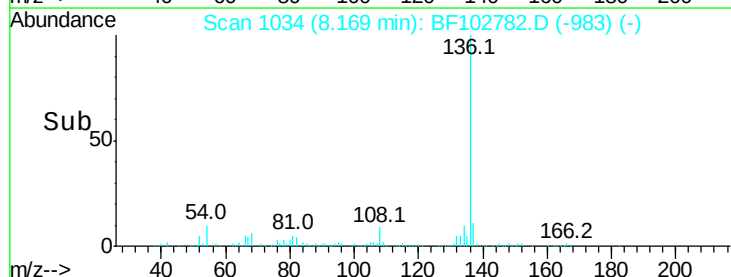


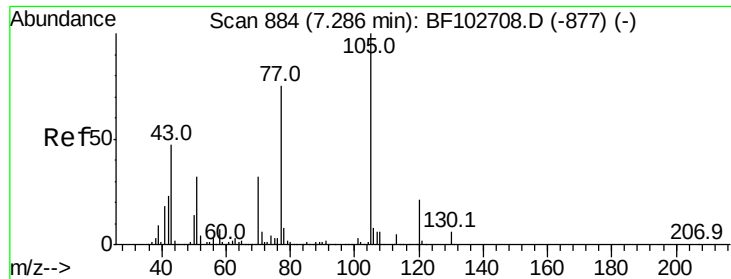
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





#22

Acetophenone

Concen: 3.263 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF102782.D

Acq: 6 Feb 2018 14:24

Tot Ion:105 Resp: 58534

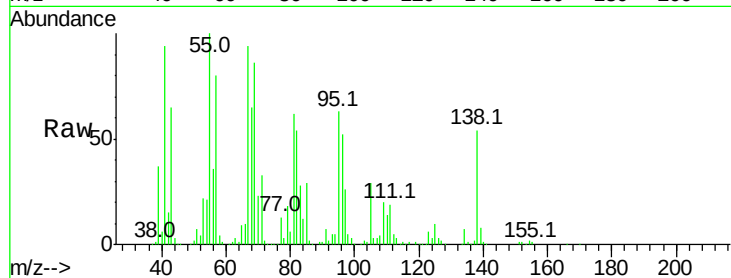
Ion Ratio Lower Upper

105 100

71 113.0 4.4 6.6#

51 24.2 22.3 33.5

120 0.8 16.9 25.3#



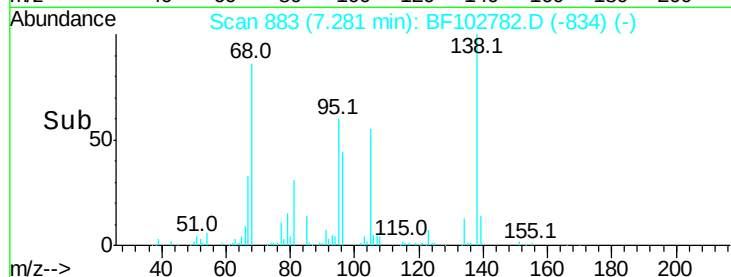
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

Time-->



Abundance

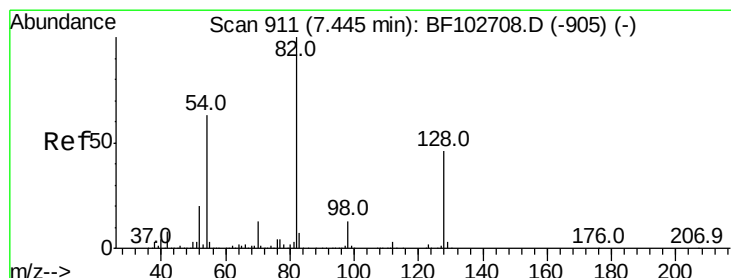
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

Time-->



#23

Nitrobenzene-d5

Concen: 89.476 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.00 min

Lab File: BF102782.D

Acq: 6 Feb 2018 14:24

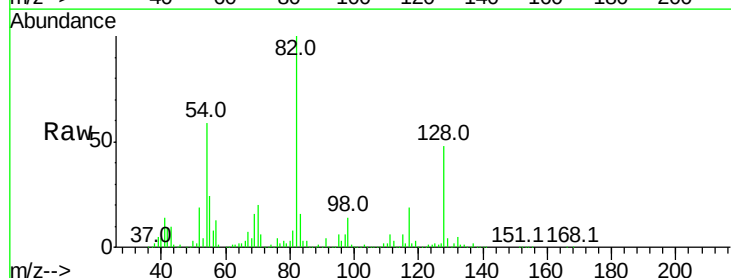
Tgt Ion: 82 Resp: 945412

Ion Ratio Lower Upper

82 100

128 47.9 36.1 54.1

54 59.4 41.4 62.2

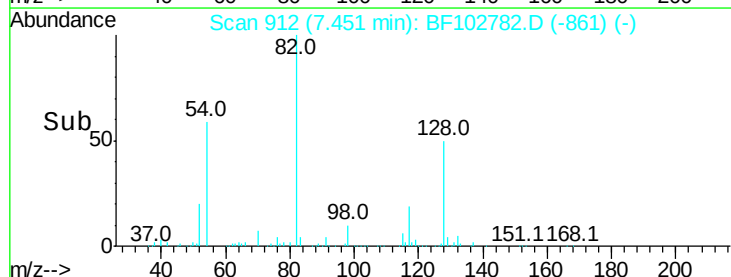


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

Time-->



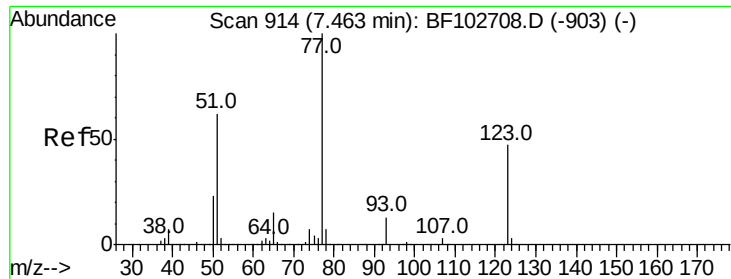
Abundance

Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

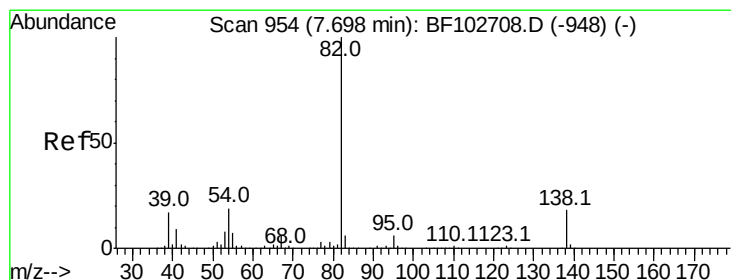
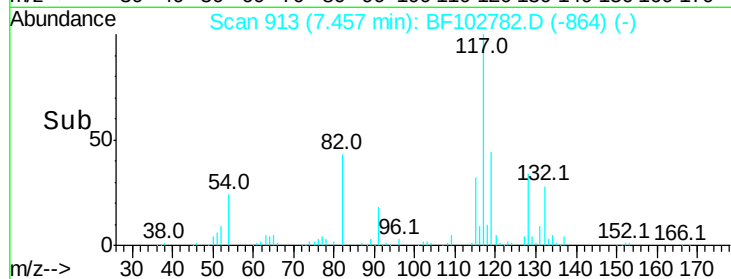
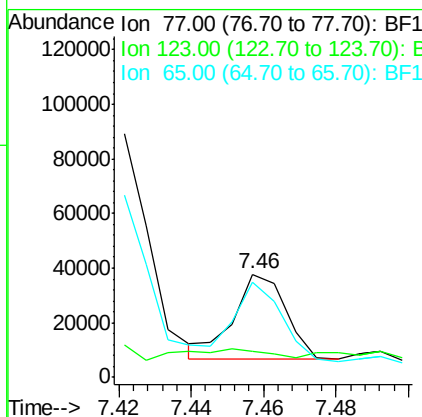
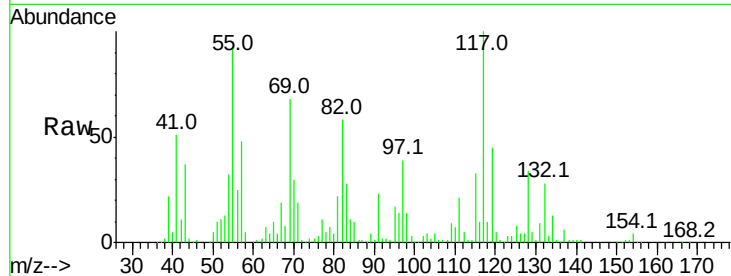
Ion 54.00 (53.70 to 54.70): BF1

Time-->



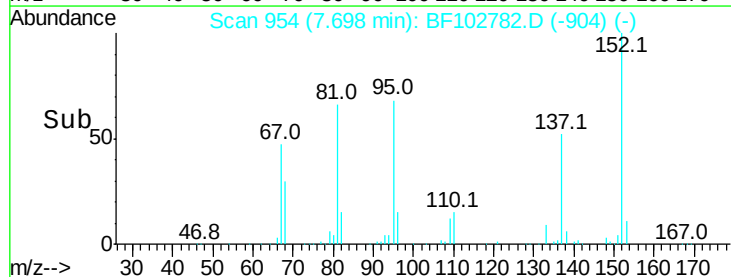
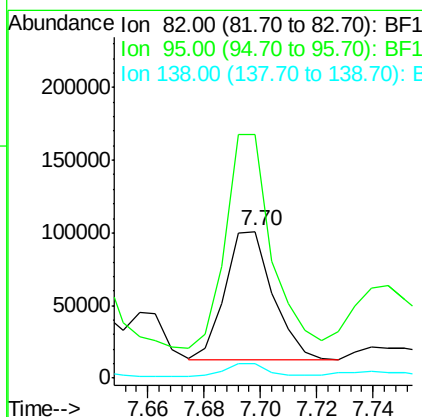
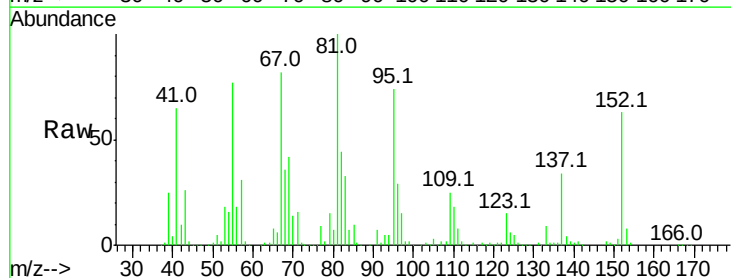
#24
 Nitrobenzene
 Concen: 2.429 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: BF102782.D
 Acq: 6 Feb 2018 14:24

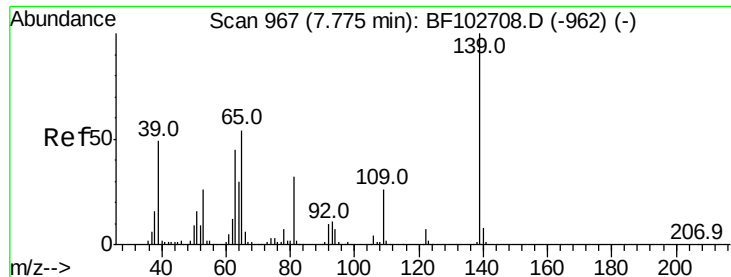
Tot Ion: 77 Resp: 31048
 Ion Ratio Lower Upper
 77 100
 123 25.4 37.9 56.9#
 65 92.2 11.0 16.4#



#25
 Isophorone
 Concen: 4.281 ng
 RT: 7.70 min Scan# 954
 Delta R.T. -0.01 min
 Lab File: BF102782.D
 Acq: 6 Feb 2018 14:24

Tgt Ion: 82 Resp: 104159
 Ion Ratio Lower Upper
 82 100
 95 166.3 5.2 7.8#
 138 10.0 14.9 22.3#





#26

2-Nitrophenol

Concen: 11.016 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.01 min

Lab File: BF102782.D

Acq: 6 Feb 2018 14:24

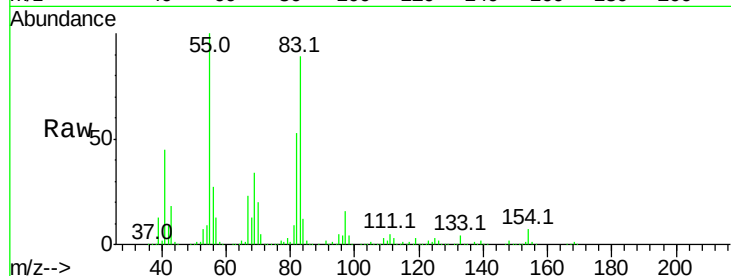
Tot Ion:139 Resp: 14644

Ion Ratio Lower Upper

139 100

109 144.9 22.7 34.1#

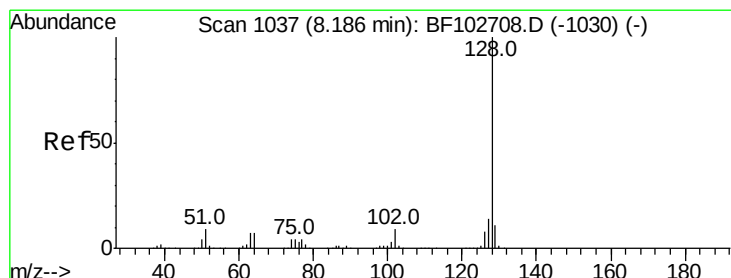
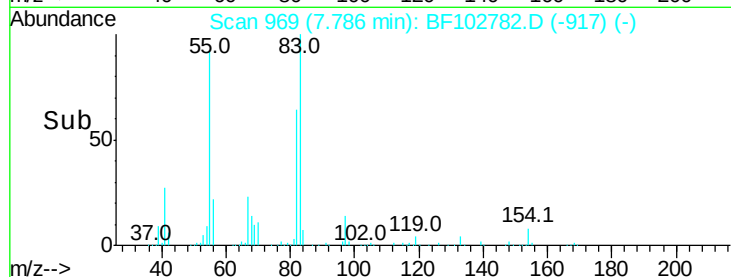
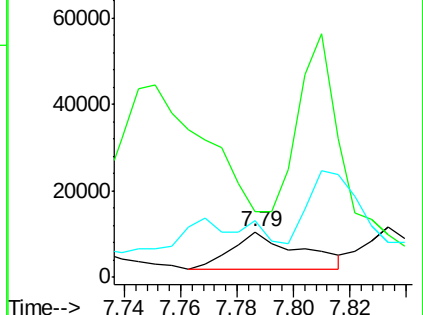
65 125.1 40.5 60.7#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#31

Naphthalene

Concen: 4.626 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF102782.D

Acq: 6 Feb 2018 14:24

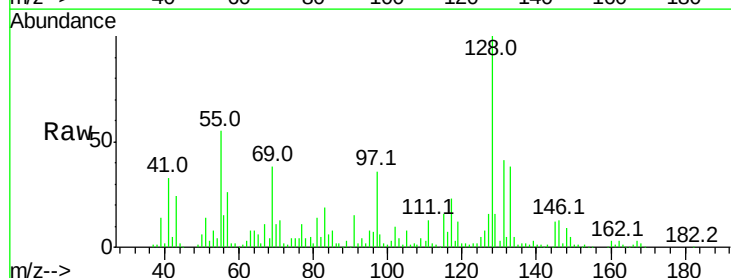
Tgt Ion:128 Resp: 165671

Ion Ratio Lower Upper

128 100

129 15.7 8.8 13.2#

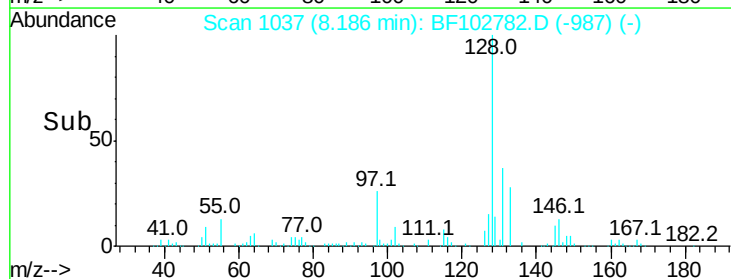
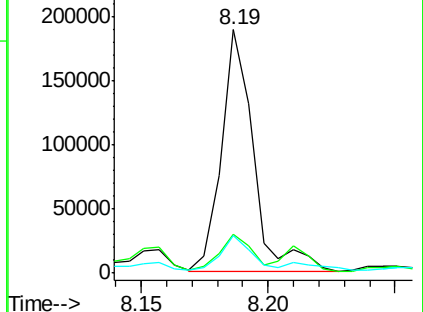
127 15.5 10.9 16.3

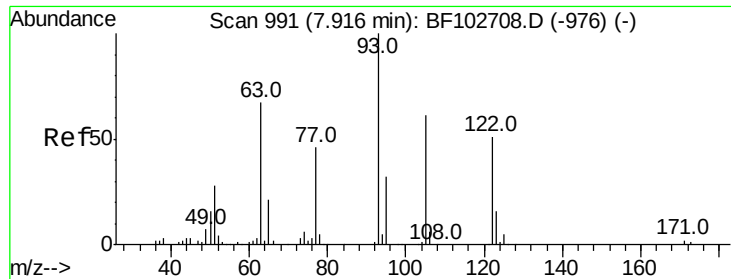


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 10.415 ng

RT: 7.94 min Scan# 995

Delta R.T. 0.01 min

Lab File: BF102782.D

Acq: 6 Feb 2018 14:24

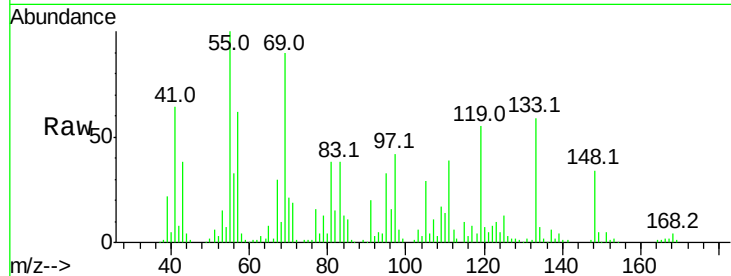
Tot Ion:122 Resp: 14137

Ion Ratio Lower Upper

122 100

105 345.7 101.1 141.1#

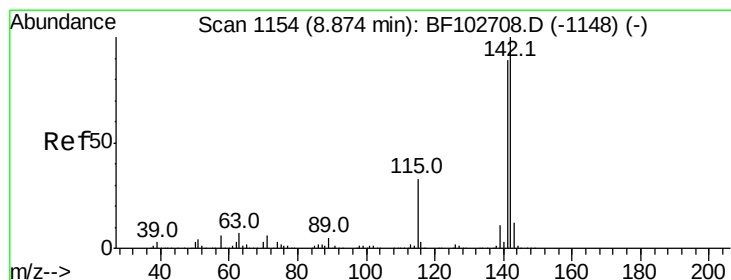
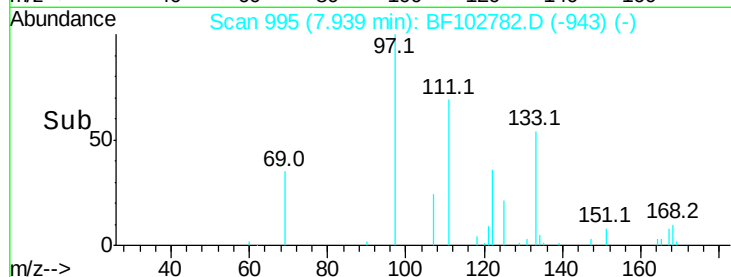
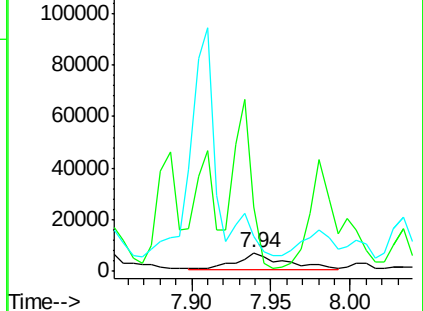
77 187.0 70.7 110.7#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#37

2-Methylnaphthalene

Concen: 5.936 ng

RT: 8.88 min Scan# 1155

Delta R.T. -0.00 min

Lab File: BF102782.D

Acq: 6 Feb 2018 14:24

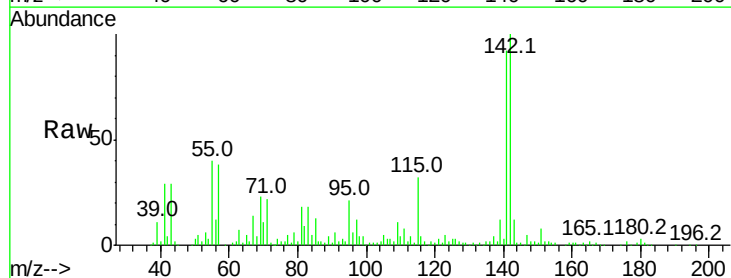
Tgt Ion:142 Resp: 139172

Ion Ratio Lower Upper

142 100

141 91.7 70.8 106.2

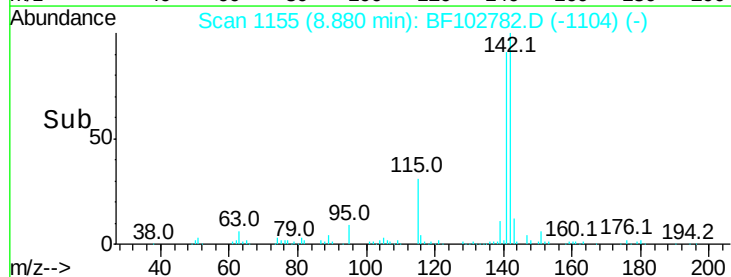
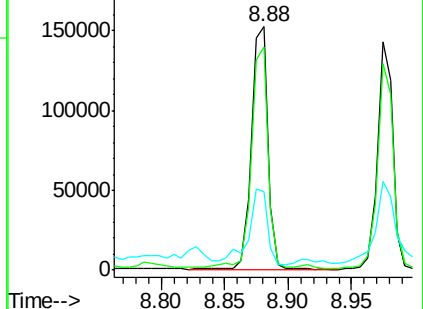
115 32.1 26.1 39.1

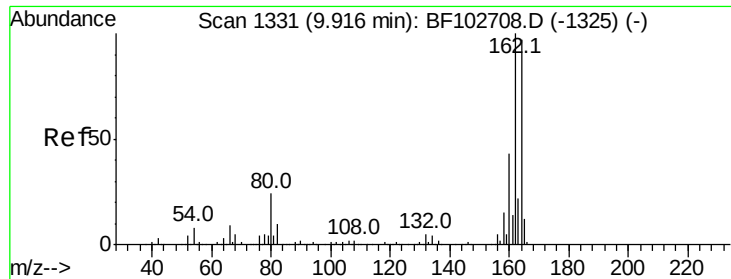


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

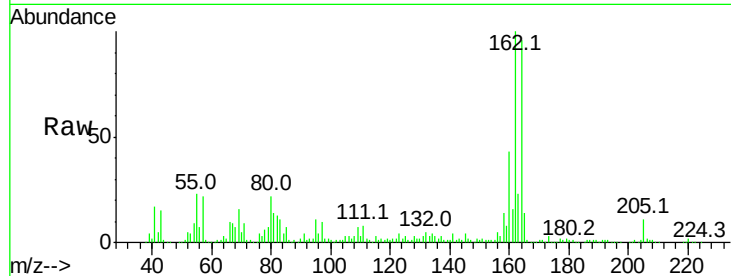
Ion 115.00 (114.70 to 115.70): E



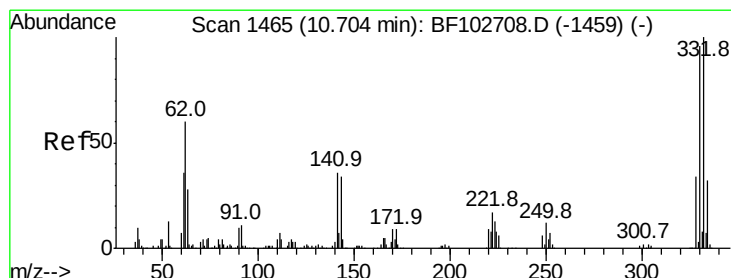
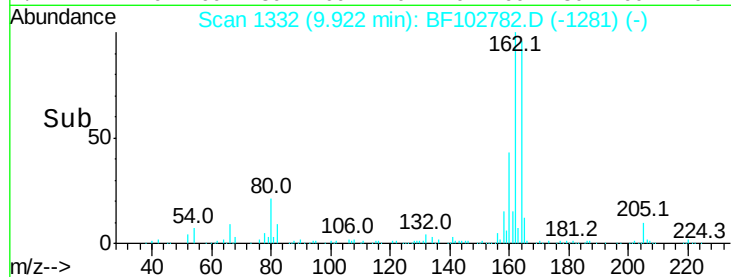
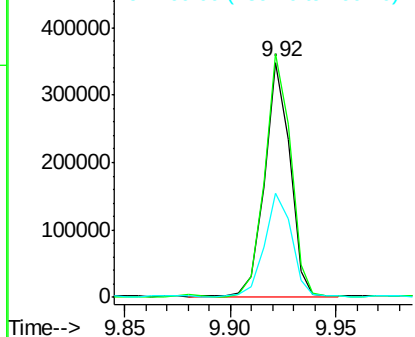


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.00 min
 Lab File: BF102782.D
 Acq: 6 Feb 2018 14:24

Tot Ion:164 Resp: 290605
 Ion Ratio Lower Upper
 164 100
 162 103.8 86.1 129.1
 160 44.6 38.3 57.5

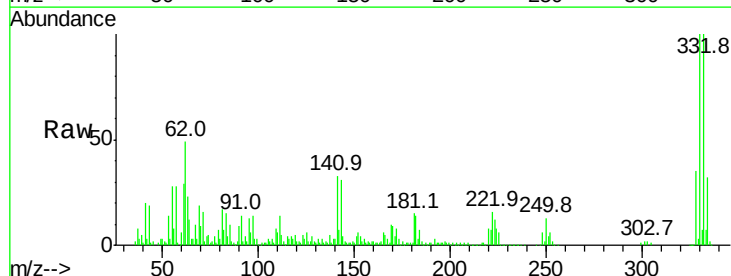


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

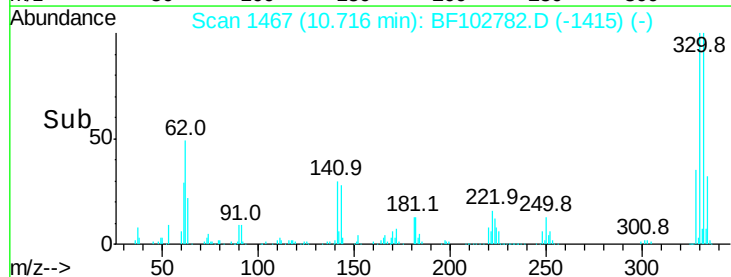
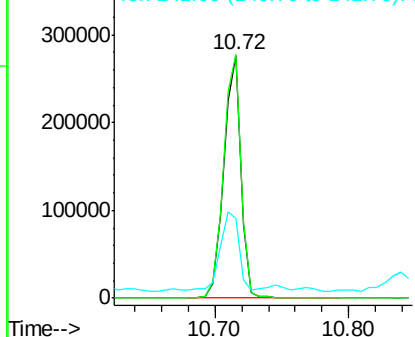


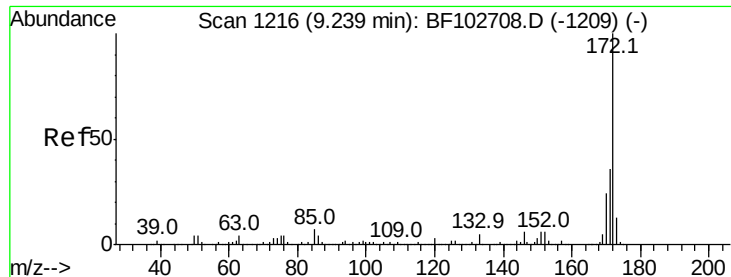
#41
 2,4,6-Tribromophenol
 Concen: 107.178 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.01 min
 Lab File: BF102782.D
 Acq: 6 Feb 2018 14:24

Tgt Ion:330 Resp: 250693
 Ion Ratio Lower Upper
 330 100
 332 102.5 77.0 115.6
 141 34.4 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: 76.737 ng

RT: 9.24 min Scan# 1216

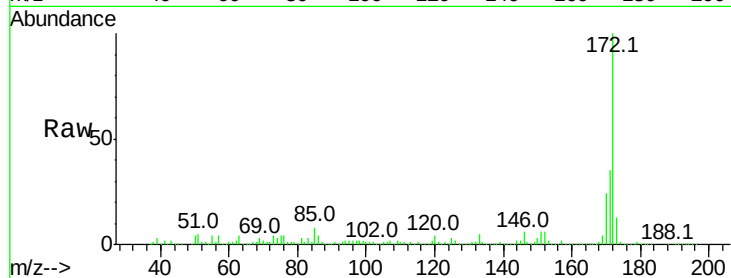
Delta R.T. -0.01 min

Lab File: BF102782.D

Acq: 6 Feb 2018 14:24

Tot Ion:172 Resp: 1343898

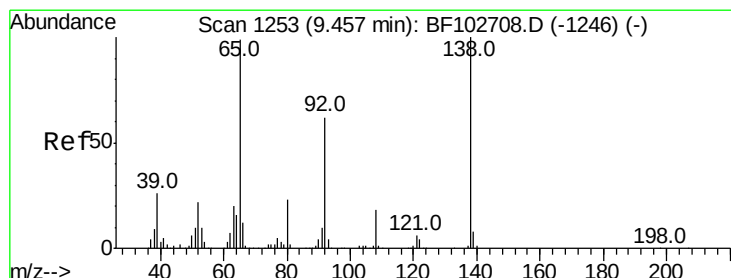
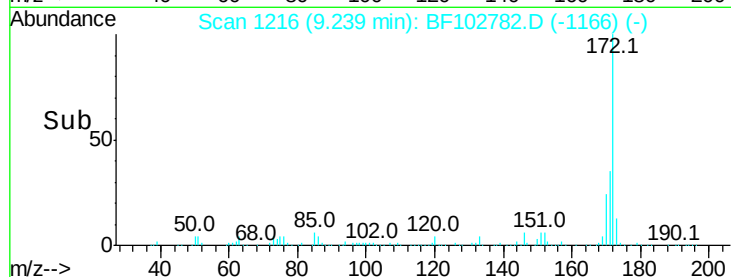
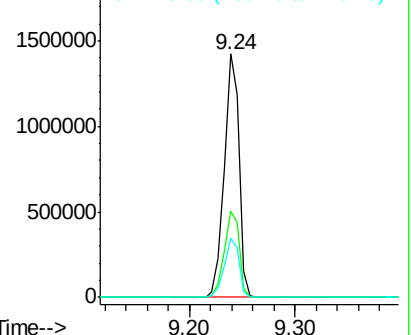
Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.7	44.5
170	24.3	19.6	29.4



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: 3.695 ng

RT: 9.48 min Scan# 1257

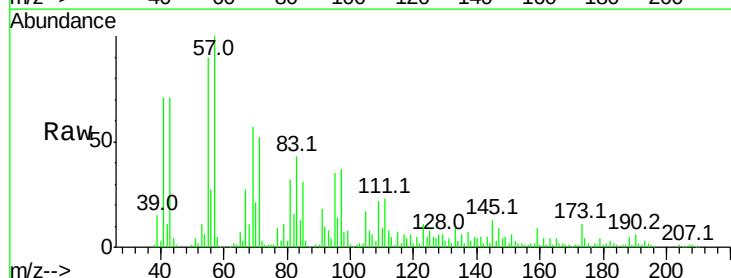
Delta R.T. 0.02 min

Lab File: BF102782.D

Acq: 6 Feb 2018 14:24

Tgt Ion: 65 Resp: 1431

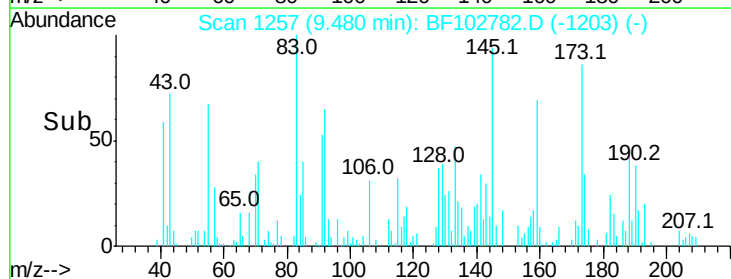
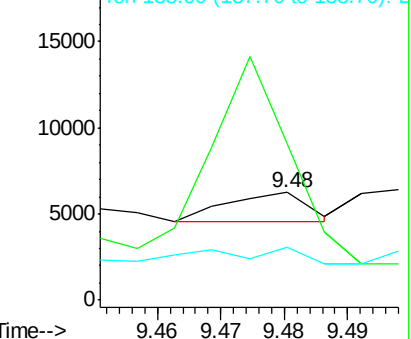
Ion	Ratio	Lower	Upper
65	100		
92	145.0	55.8	83.6#
138	48.8	91.2	136.8#

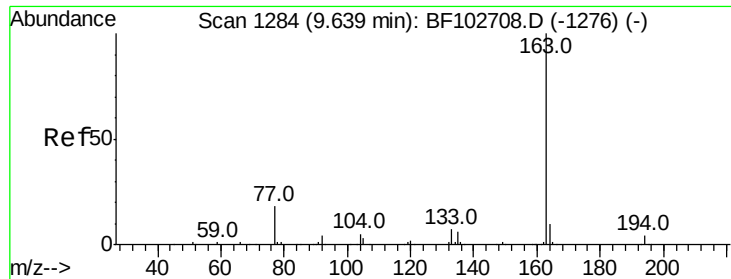


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Dimethylphthalate

Concen: 8.988 ng

RT: 9.63 min Scan# 1283

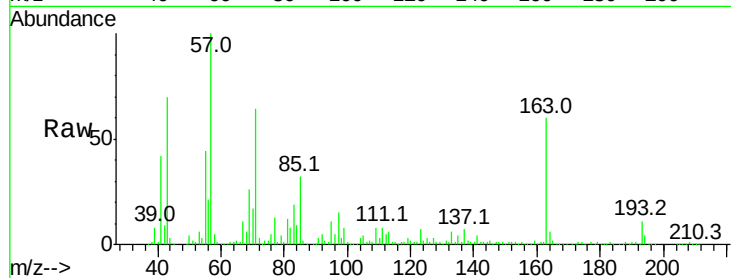
Delta R.T. -0.01 min

Lab File: BF102782.D

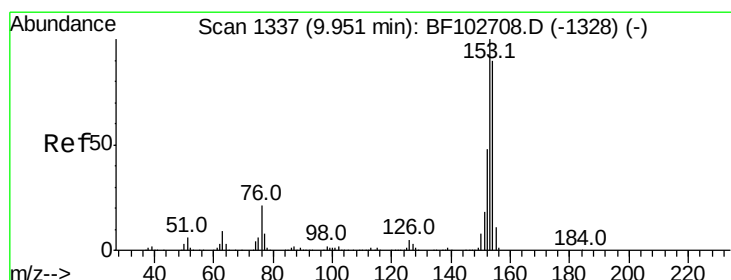
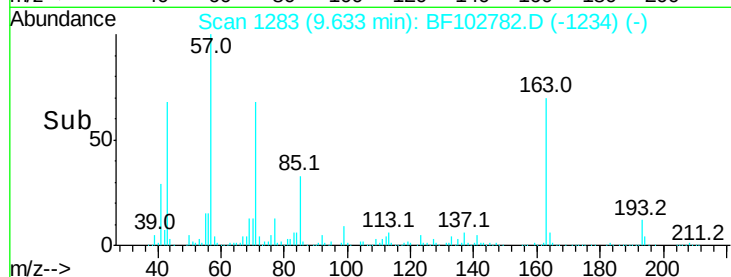
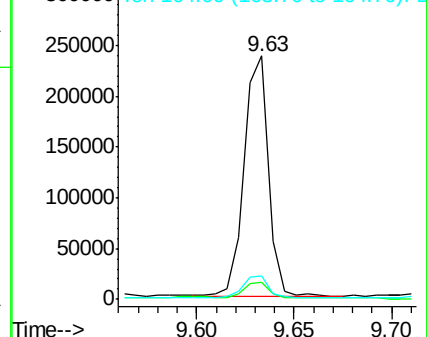
Acq: 6 Feb 2018 14:24

Tot Ion:163 Resp: 203656

Ion	Ratio	Lower	Upper
163	100		
194	7.1	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



#51

Acenaphthene

Concen: 10.742 ng

RT: 9.96 min Scan# 1338

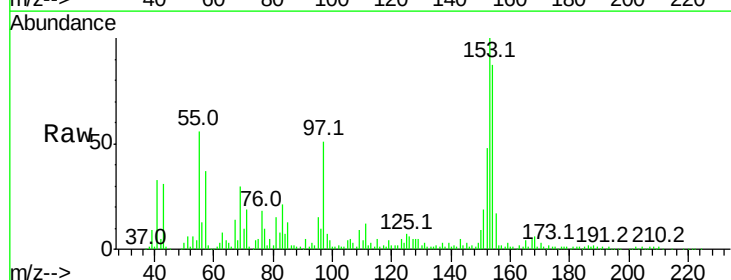
Delta R.T. -0.00 min

Lab File: BF102782.D

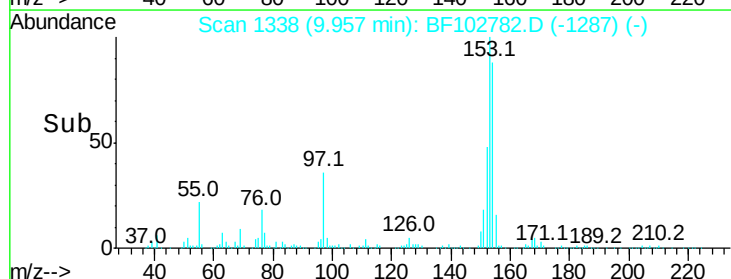
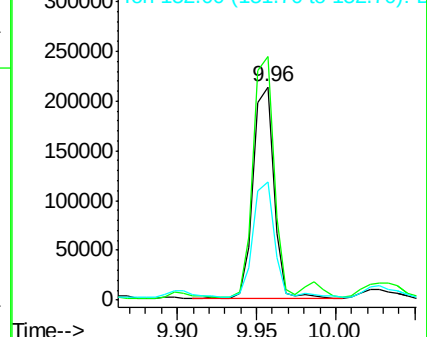
Acq: 6 Feb 2018 14:24

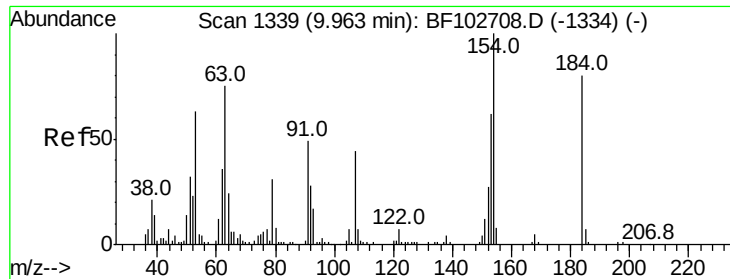
Tgt Ion:154 Resp: 192261

Ion	Ratio	Lower	Upper
154	100		
153	114.3	91.2	136.8
152	55.3	43.8	65.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





#53

2,4-Dinitrophenol

Concen: 8.438 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.02 min

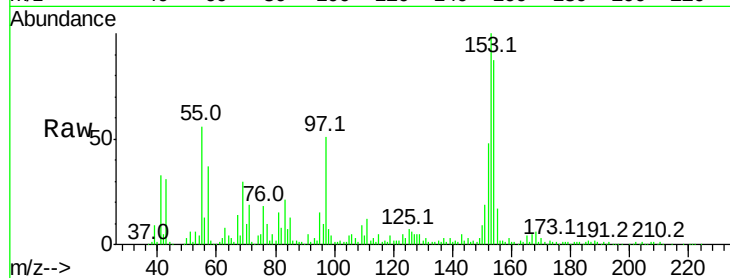
Lab File: BF102782.D

Acq: 6 Feb 2018 14:24

Tot Ion:184 Resp: 389

Ion Ratio Lower Upper

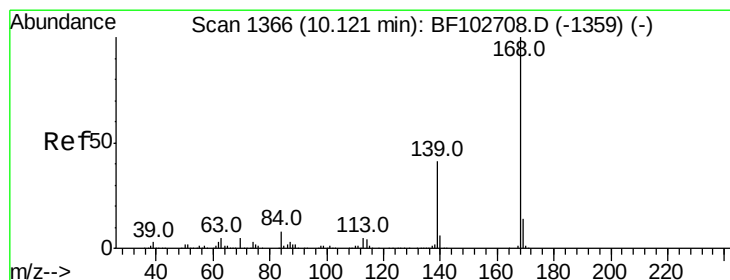
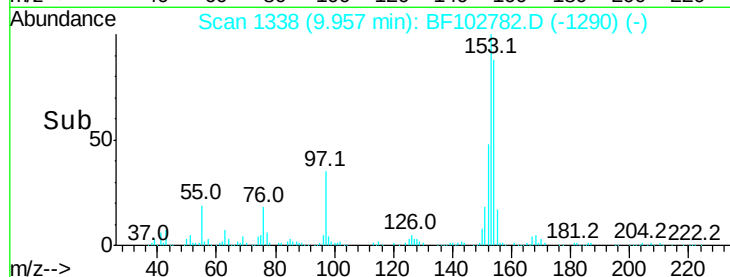
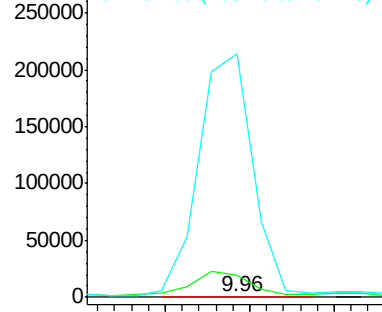
184	100		
63	4636.6	54.2	81.2#
154	50835.2	184.0	276.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 9.408 ng

RT: 10.13 min Scan# 1367

Delta R.T. -0.00 min

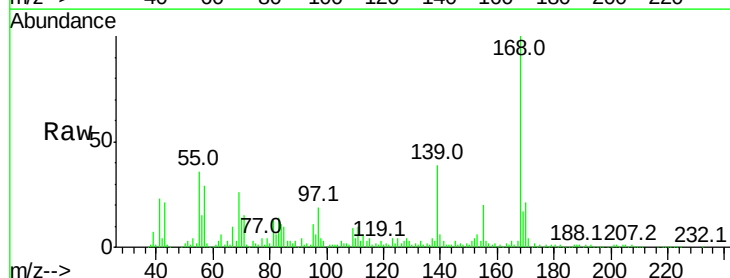
Lab File: BF102782.D

Acq: 6 Feb 2018 14:24

Tgt Ion:168 Resp: 237302

Ion Ratio Lower Upper

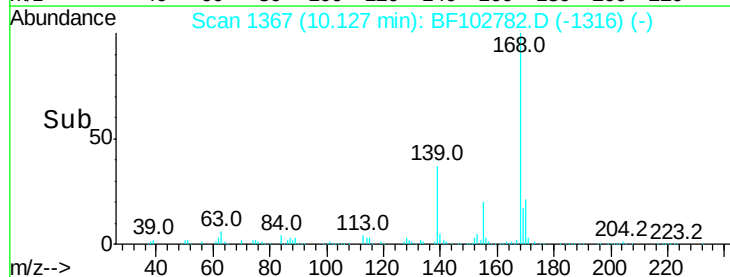
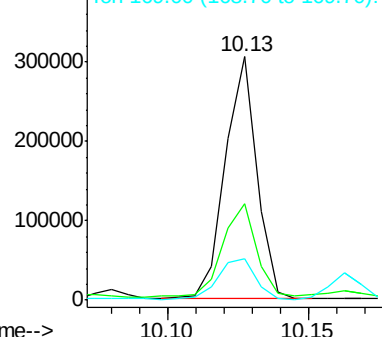
168	100		
139	39.4	30.1	45.1
169	16.8	10.9	16.3#

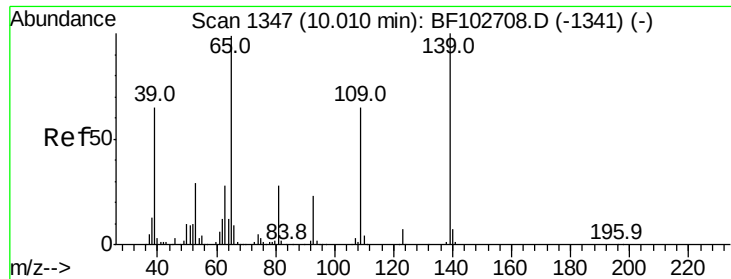


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

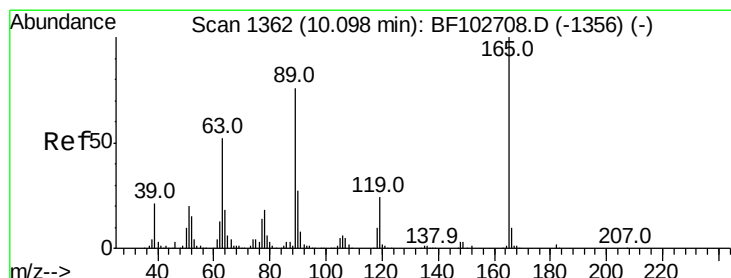
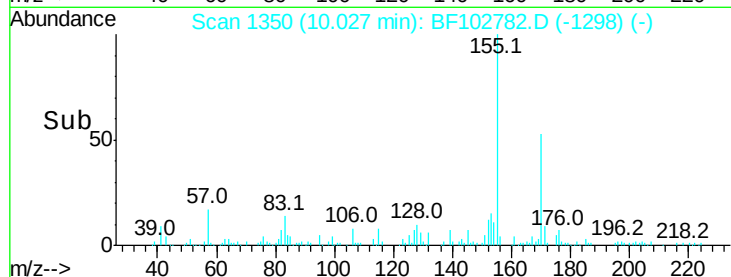
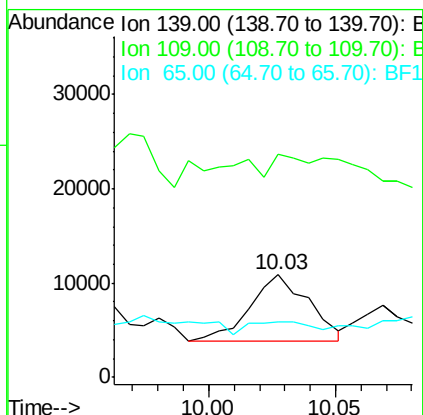
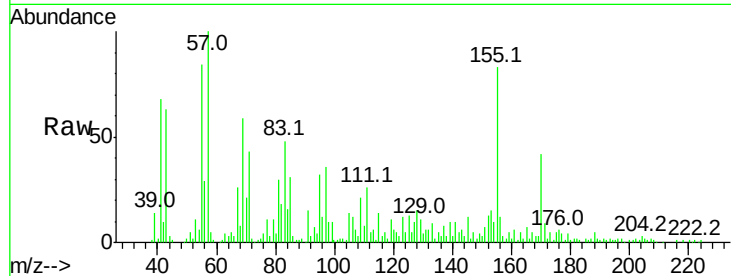
Ion 169.00 (168.70 to 169.70): E





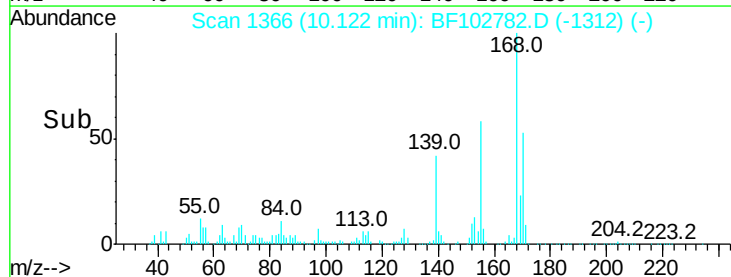
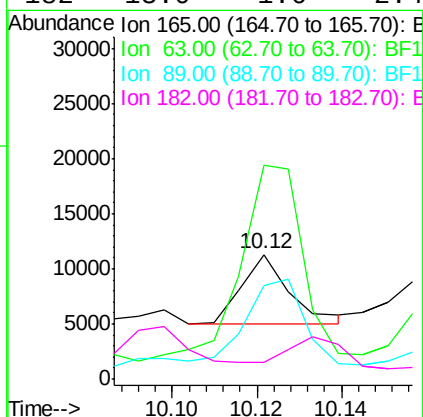
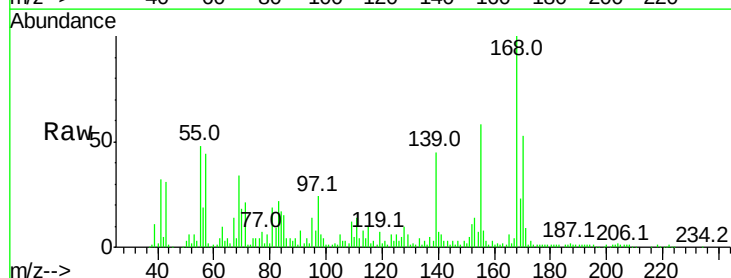
#55
4-Nitrophenol
Concen: 6.490 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF102782.D
Acq: 6 Feb 2018 14:24

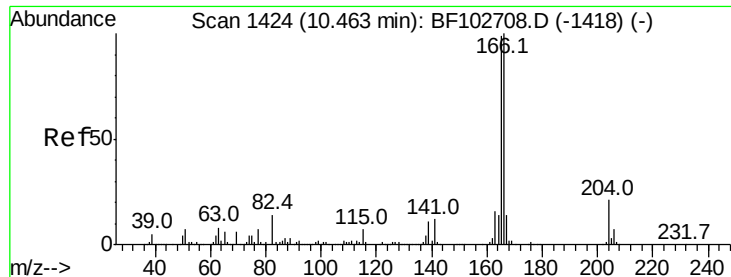
Tot Ion:139 Resp: 11318
Ion Ratio Lower Upper
139 100
109 217.8 48.4 88.4#
65 53.9 72.6 112.6#



#56
2,4-Dinitrotoluene
Concen: 3.869 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.02 min
Lab File: BF102782.D
Acq: 6 Feb 2018 14:24

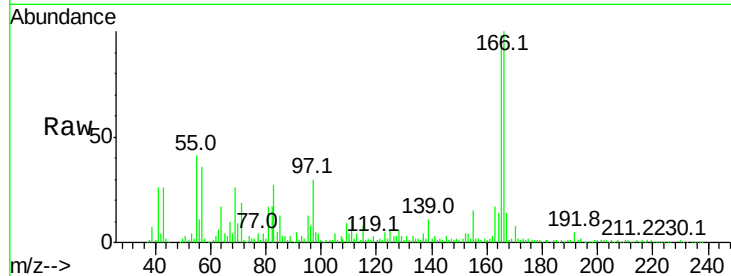
Tgt Ion:165 Resp: 4903
Ion Ratio Lower Upper
165 100
63 171.2 36.4 54.6#
89 75.2 57.8 86.6
182 13.0 1.6 2.4#



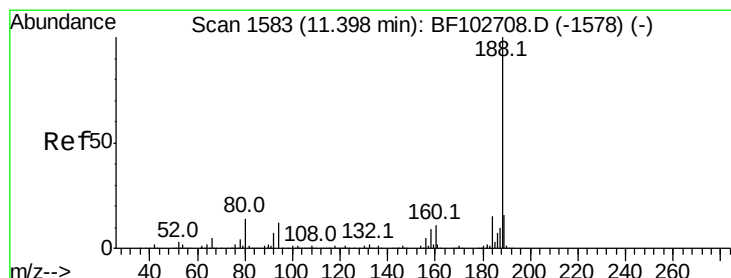
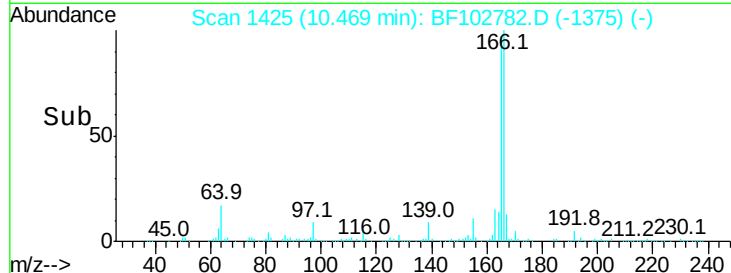
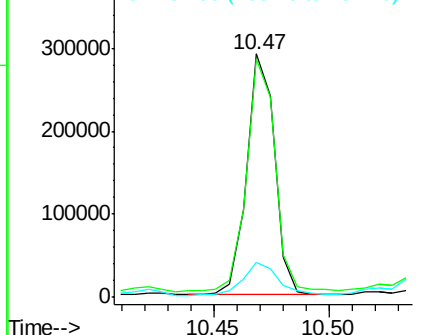


#57
Fluorene
 Concen: 13.382 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.01 min
 Lab File: BF102782.D
 Acq: 6 Feb 2018 14:24

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.2	79.8	119.8
167	14.4	10.6	16.0

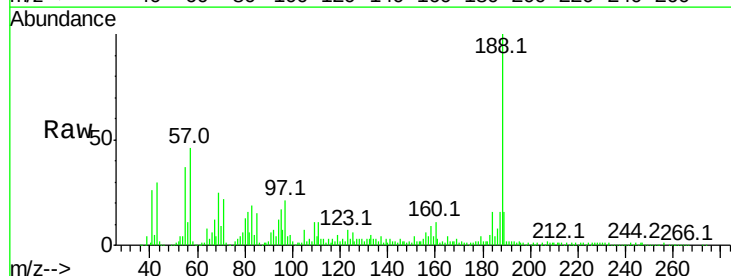


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

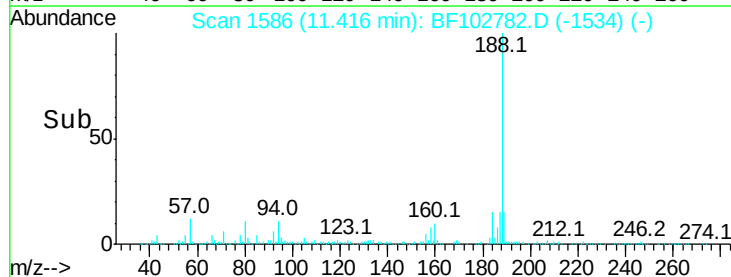
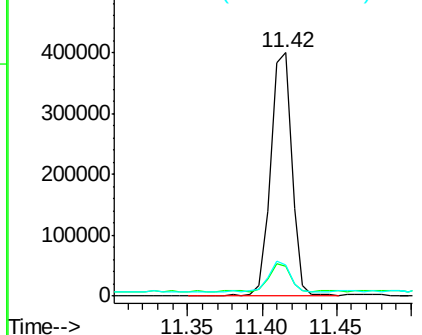


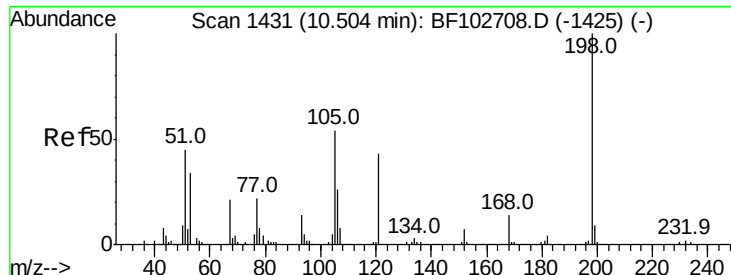
#63
Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. 0.01 min
 Lab File: BF102782.D
 Acq: 6 Feb 2018 14:24

Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.5	8.5	12.7
80	12.8	9.2	13.8



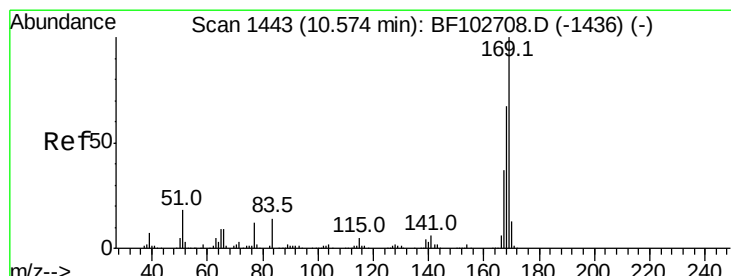
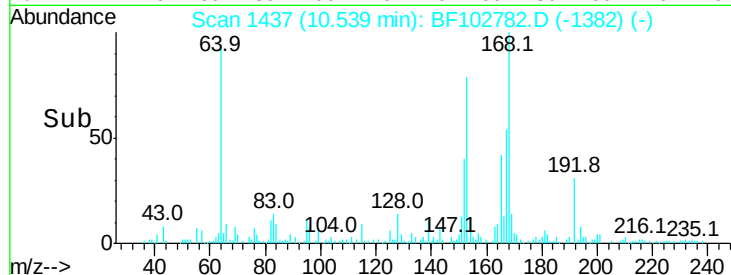
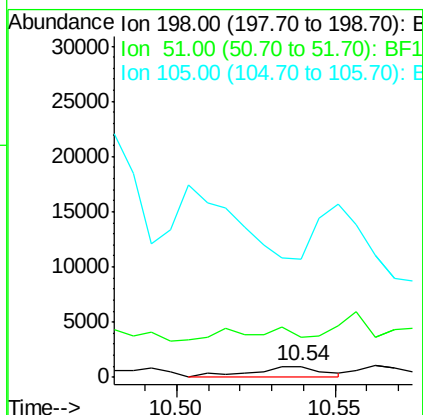
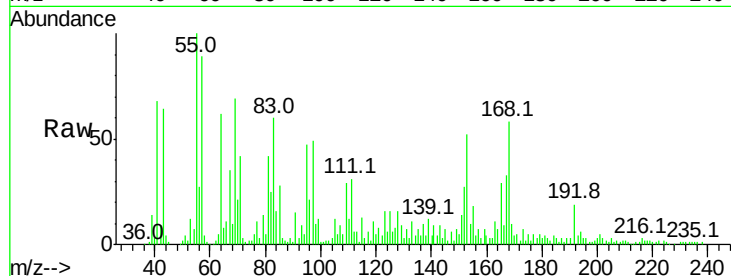
Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1





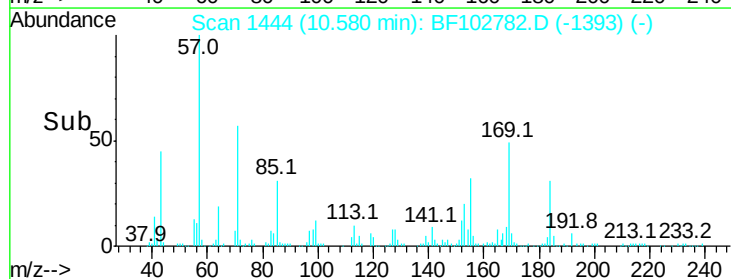
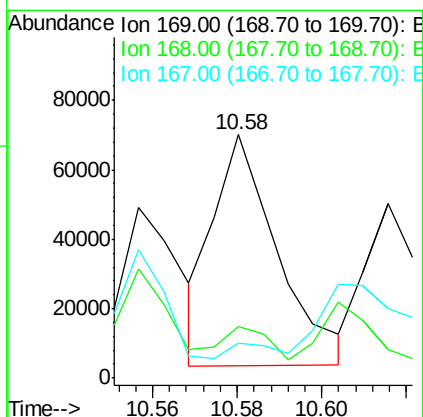
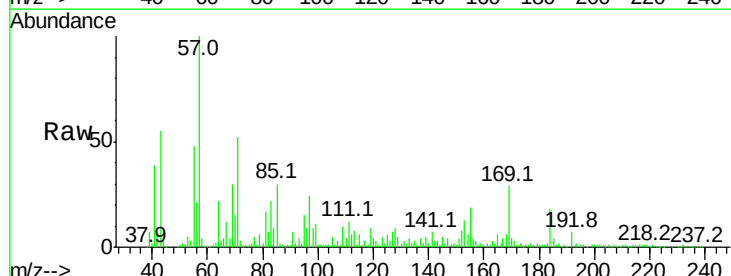
#64
4,6-Dinitro-2-methylphenol
Concen: 9.679 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.02 min
Lab File: BF102782.D
Acq: 6 Feb 2018 14:24

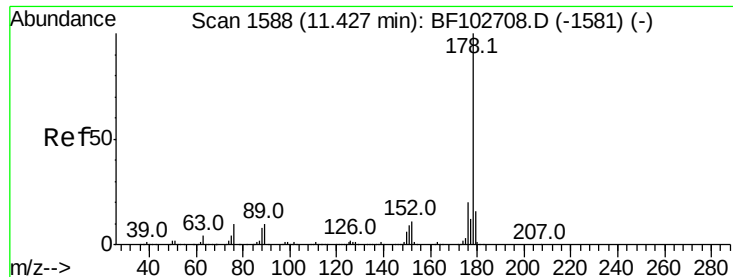
Tot Ion:198 Resp: 1550
Ion Ratio Lower Upper
198 100
51 358.6 37.7 77.7#
105 1047.3 36.3 76.3#



#65
n-Nitrosodiphenylamine
Concen: 5.102 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BF102782.D
Acq: 6 Feb 2018 14:24

Tgt Ion:169 Resp: 69848
Ion Ratio Lower Upper
169 100
168 21.0 54.4 81.6#
167 14.4 29.8 44.6#





#70

Phenanthrene

Concen: 29.877 ng

RT: 11.44 min Scan# 1590

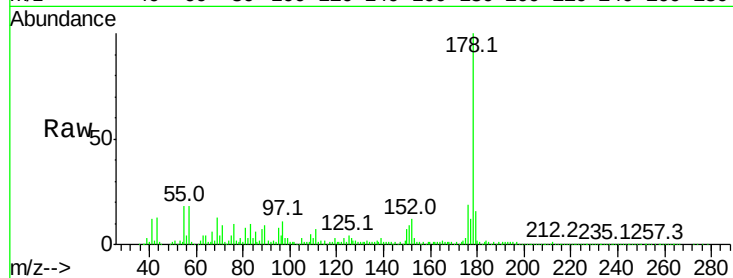
Delta R.T. 0.01 min

Lab File: BF102782.D

Acq: 6 Feb 2018 14:24

Tot Ion:178 Resp: 645780

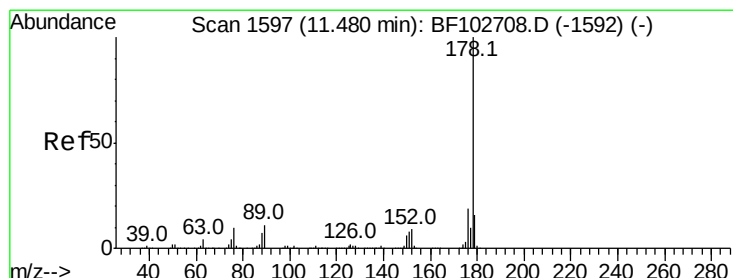
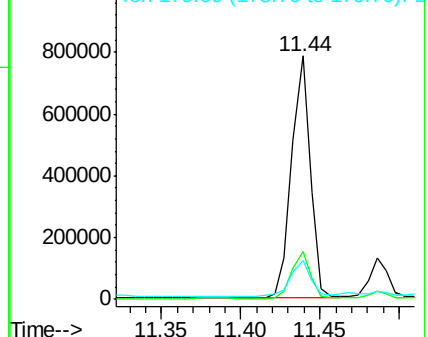
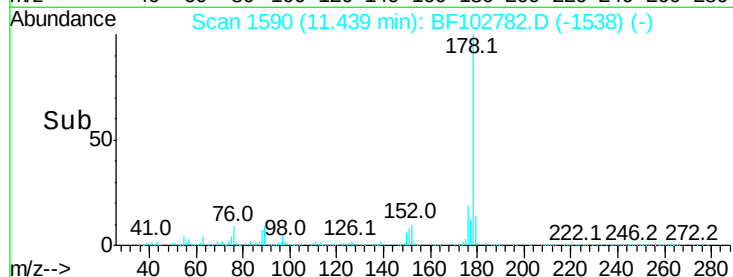
Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	16.2	13.0	19.6



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: 29.374 ng

RT: 11.44 min Scan# 1590

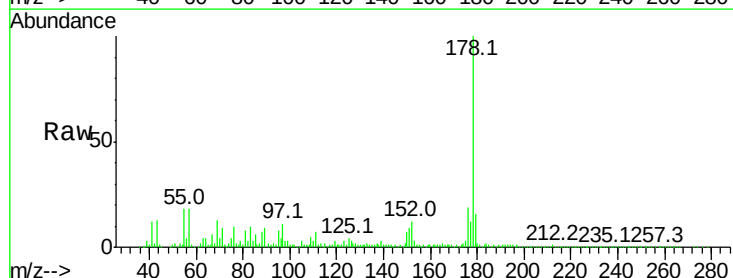
Delta R.T. -0.05 min

Lab File: BF102782.D

Acq: 6 Feb 2018 14:24

Tgt Ion:178 Resp: 645780

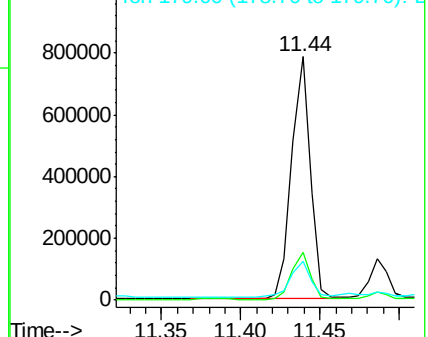
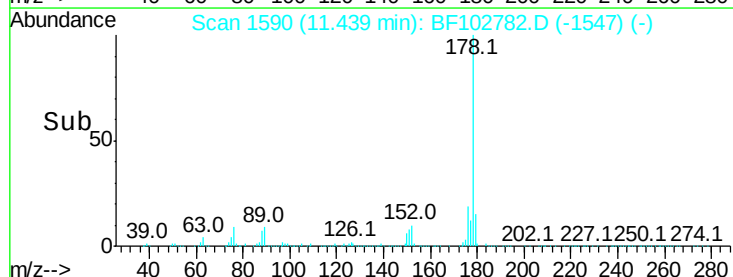
Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	16.2	12.6	19.0

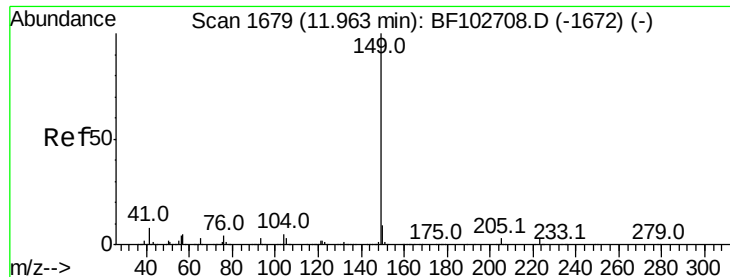


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Di-n-butylphthalate

Concen: 14.137 ng

RT: 11.97 min Scan# 1681

Delta R.T. 0.01 min

Lab File: BF102782.D

Acq: 6 Feb 2018 14:24

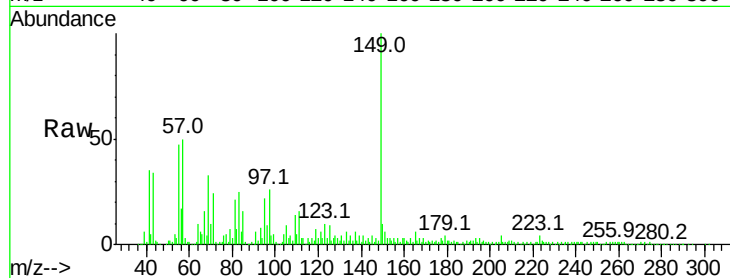
Tot Ion:149 Resp: 369865

Ion Ratio Lower Upper

149 100

150 10.1 7.8 11.6

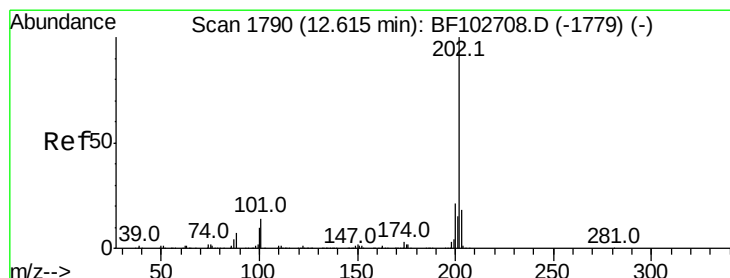
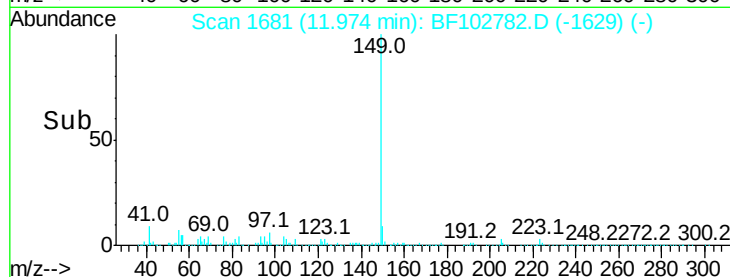
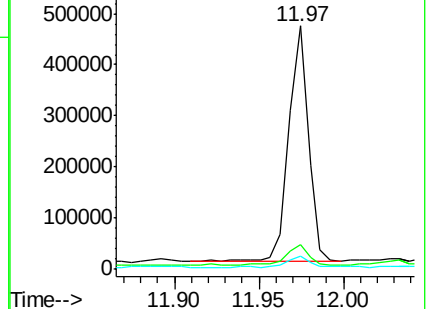
104 5.4 3.8 5.8



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: 11.543 ng

RT: 12.66 min Scan# 1797

Delta R.T. 0.04 min

Lab File: BF102782.D

Acq: 6 Feb 2018 14:24

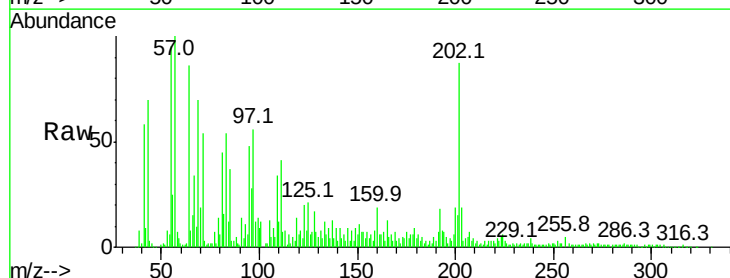
Tgt Ion:202 Resp: 251023

Ion Ratio Lower Upper

202 100

101 13.6 0.0 34.1

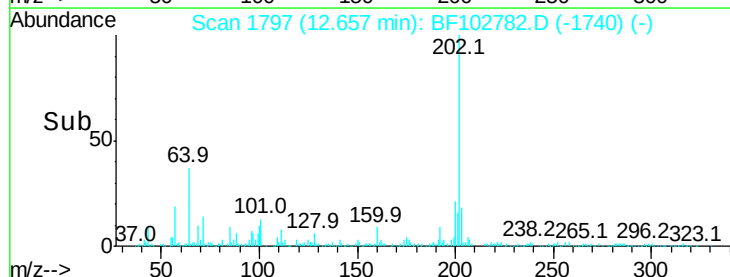
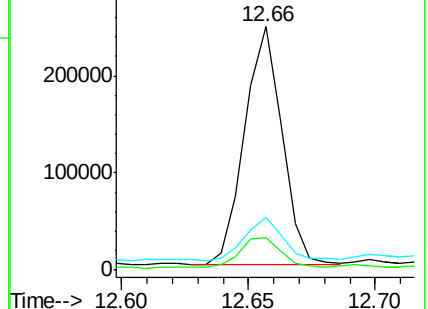
203 21.6 0.0 38.1

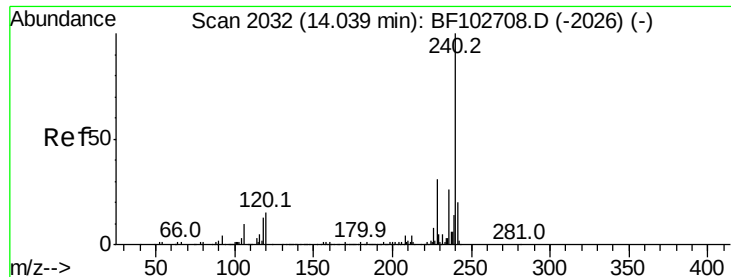


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.08 min Scan# 2039

Delta R.T. 0.03 min

Lab File: BF102782.D

Acq: 6 Feb 2018 14:24

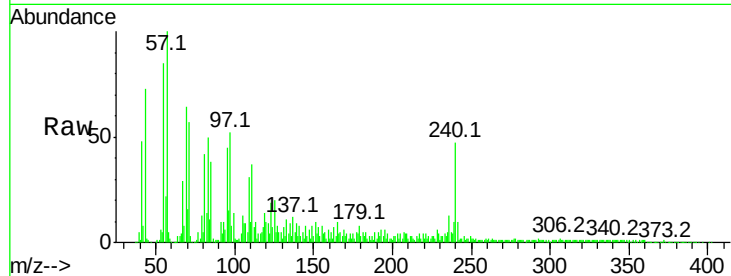
Tot Ion:240 Resp: 171073

Ion Ratio Lower Upper

240 100

120 21.4 9.5 14.3#

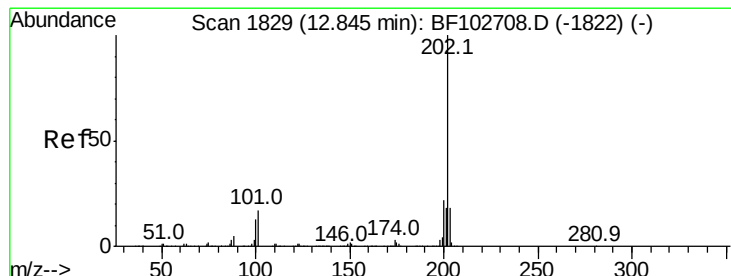
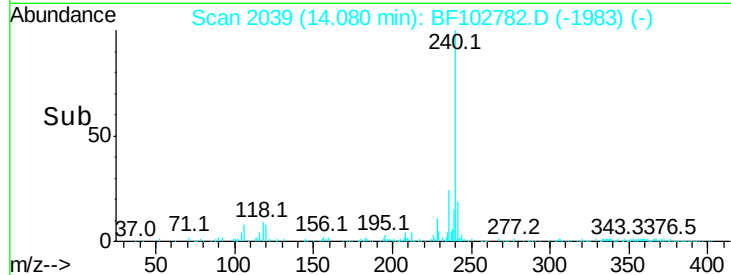
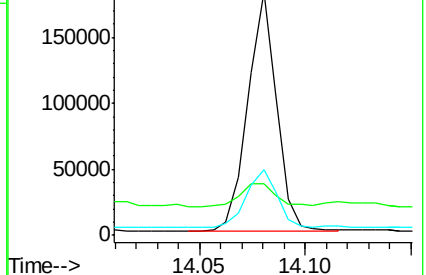
236 26.9 20.7 31.1



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: 16.677 ng

RT: 12.88 min Scan# 1835

Delta R.T. 0.03 min

Lab File: BF102782.D

Acq: 6 Feb 2018 14:24

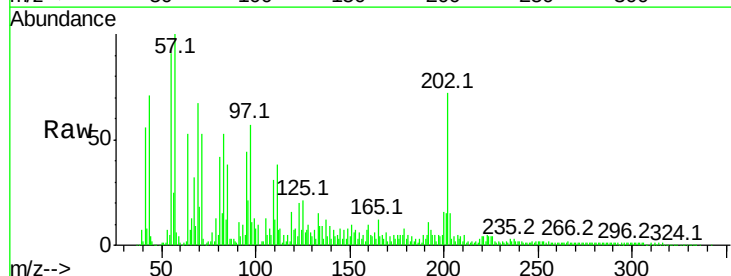
Tgt Ion:202 Resp: 223725

Ion Ratio Lower Upper

202 100

200 21.7 17.4 26.2

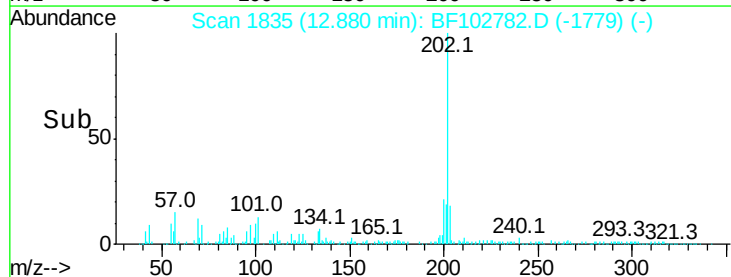
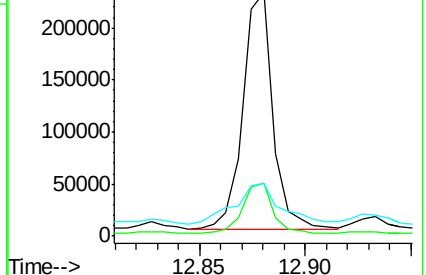
203 21.5 14.3 21.5#

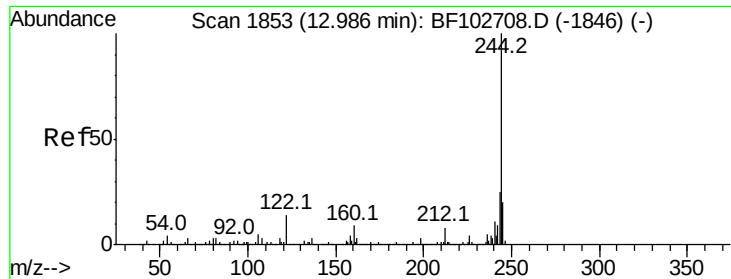


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 82.586 ng

RT: 13.02 min Scan# 1858

Delta R.T. 0.02 min

Lab File: BF102782.D

Acq: 6 Feb 2018 14:24

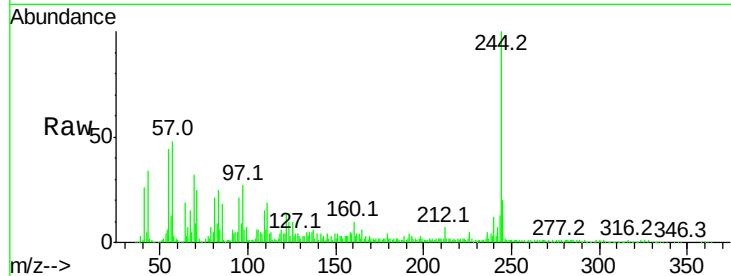
Tot Ion:244 Resp: 596689

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

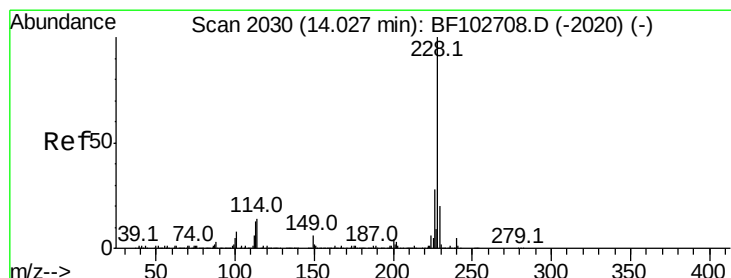
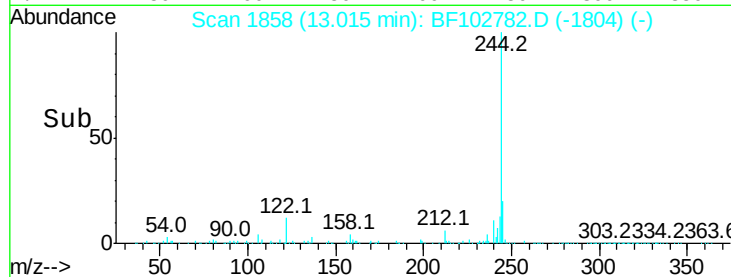
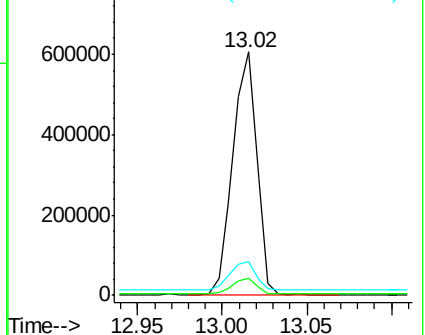
122 13.7 11.0 16.4



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: 6.876 ng

RT: 14.07 min Scan# 2037

Delta R.T. 0.03 min

Lab File: BF102782.D

Acq: 6 Feb 2018 14:24

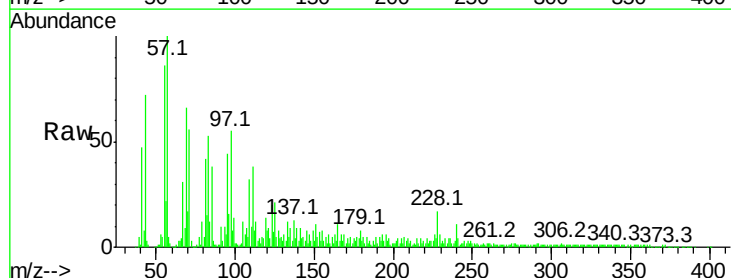
Tgt Ion:228 Resp: 73977

Ion Ratio Lower Upper

228 100

226 33.9 22.6 33.8#

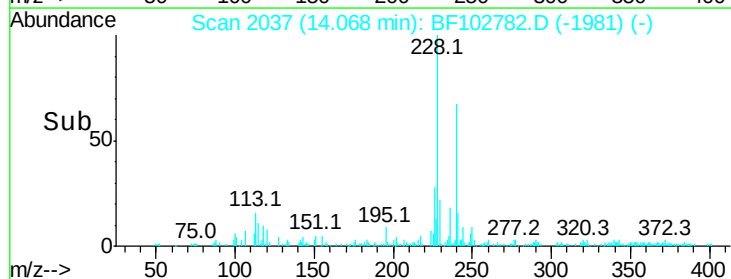
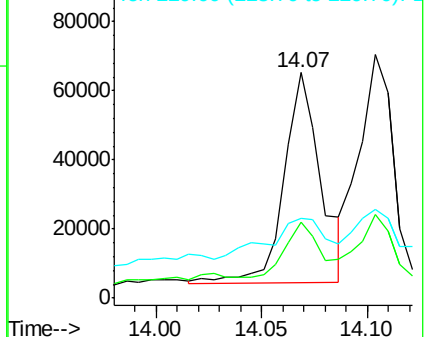
229 35.2 15.8 23.6#

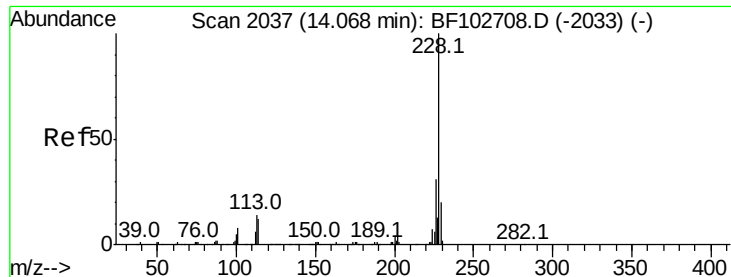


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

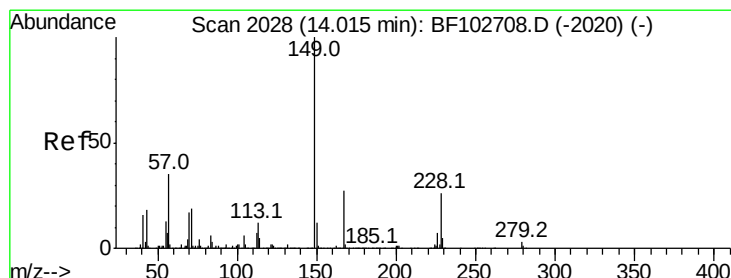
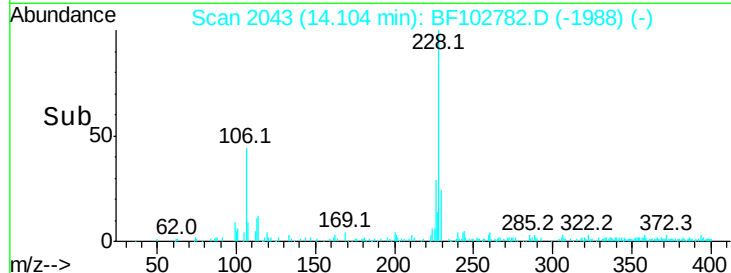
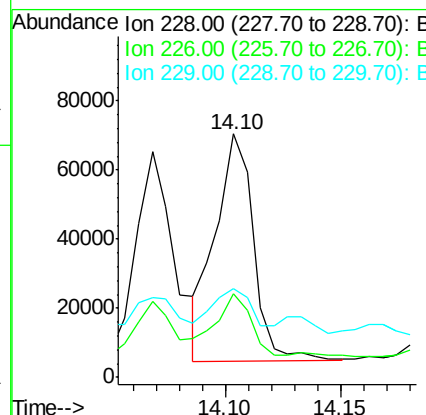
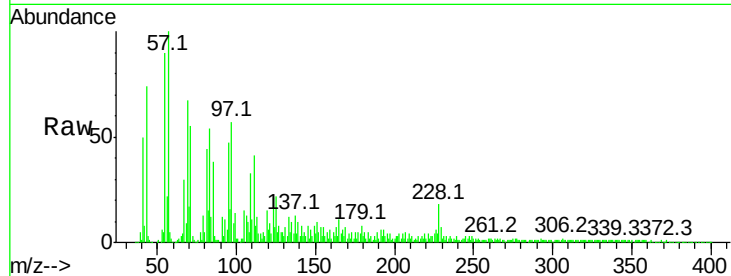
Ion 229.00 (228.70 to 229.70): E





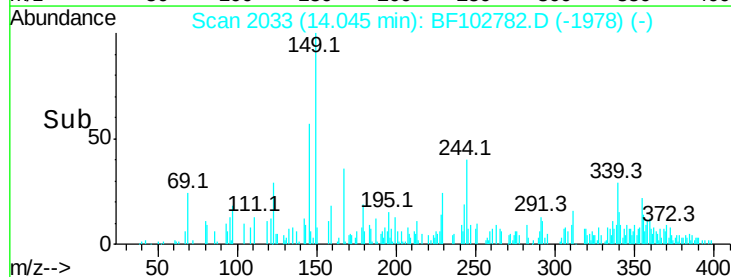
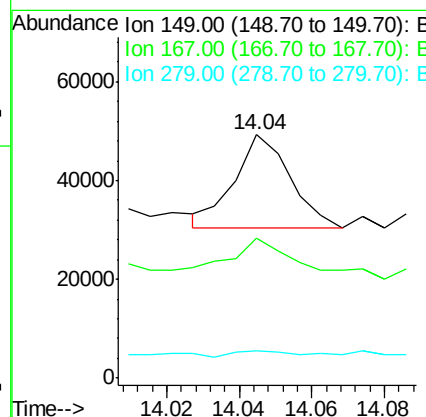
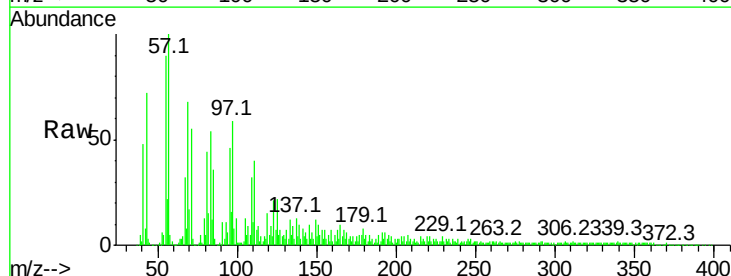
#82
 Chrysene
 Concen: 7.030 ng
 RT: 14.10 min Scan# 2043
 Delta R.T. 0.02 min
 Lab File: BF102782.D
 Acq: 6 Feb 2018 14:24

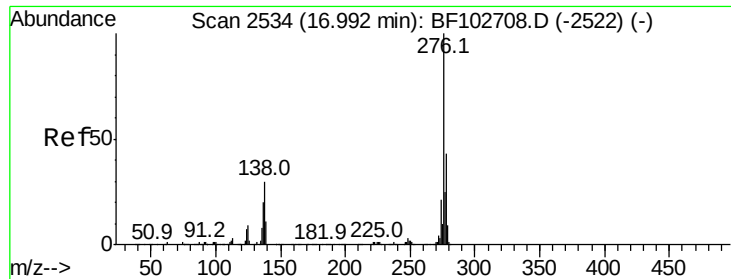
Tot Ion	Ion	Ratio	Lower	Upper
228	100			
226	34.1	25.0	37.6	
229	36.4	16.2	24.4	



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.420 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. 0.02 min
 Lab File: BF102782.D
 Acq: 6 Feb 2018 14:24

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
167	57.2	21.3	31.9	#
279	11.1	3.0	4.4	#

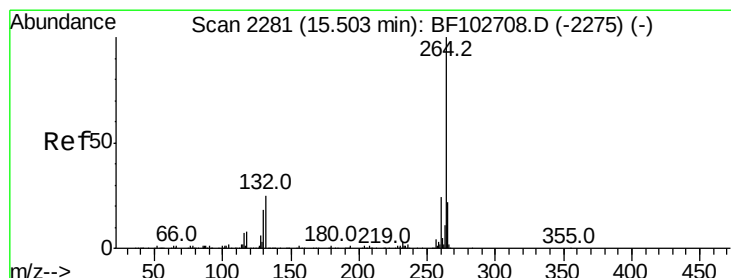
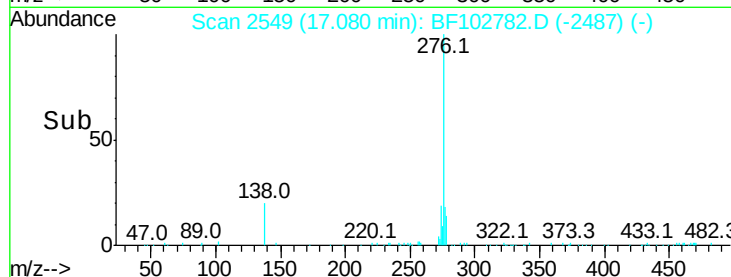
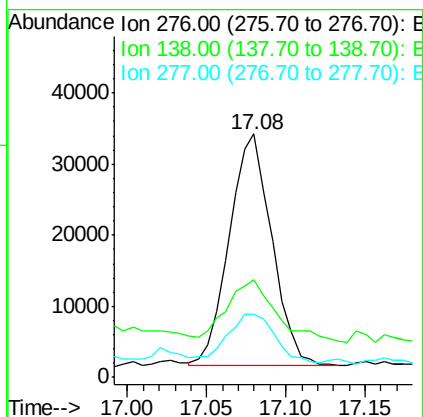
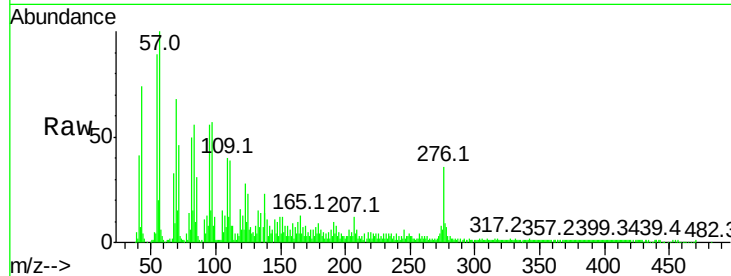




#85

Indeno(1,2,3-cd)pyrene
Concen: 6.764 ng
RT: 17.08 min Scan# 2549
Delta R.T. 0.06 min
Lab File: BF102782.D
Acq: 6 Feb 2018 14:24

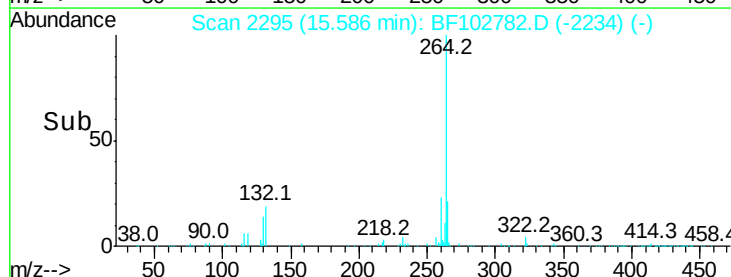
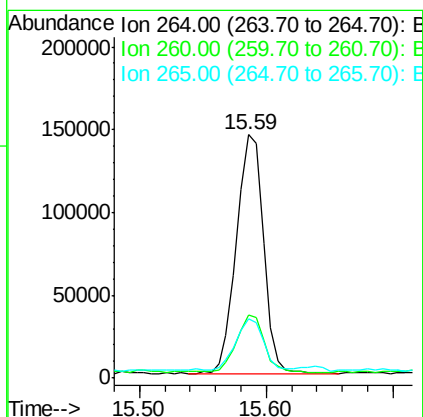
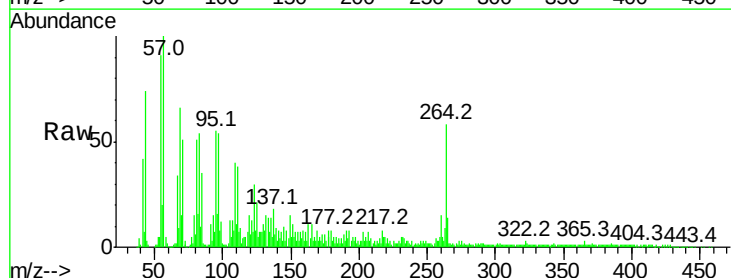
Tot Ion	Ratio	Lower	Upper
276	100		
138	32.2	25.0	37.6
277	23.6	20.1	30.1

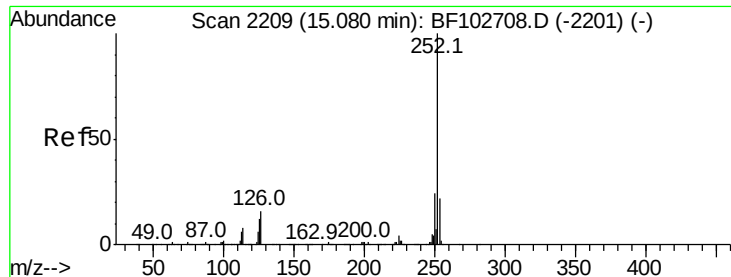


#86

Perylene-d12
Concen: 20.000 ng
RT: 15.59 min Scan# 2295
Delta R.T. 0.06 min
Lab File: BF102782.D
Acq: 6 Feb 2018 14:24

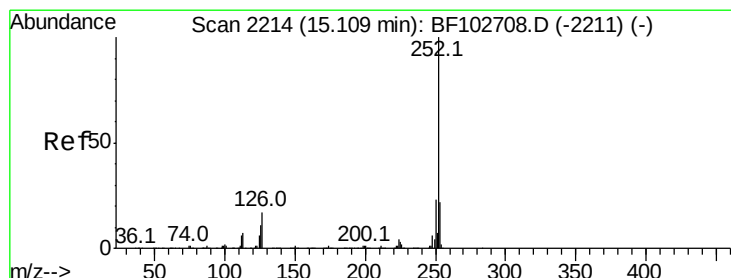
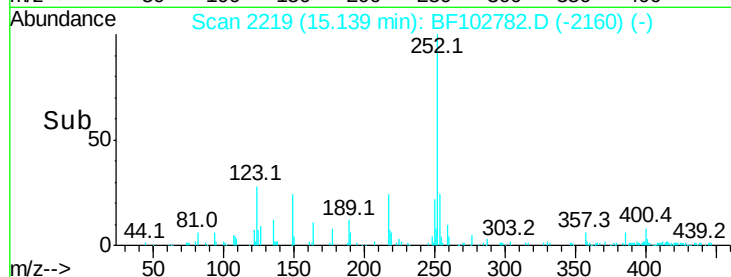
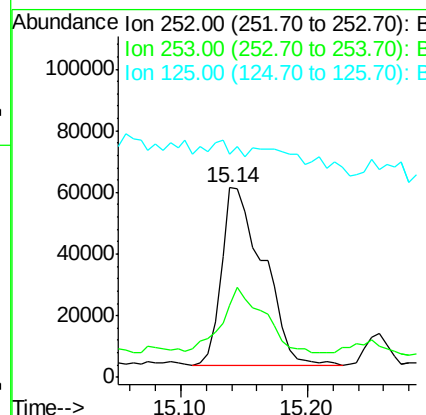
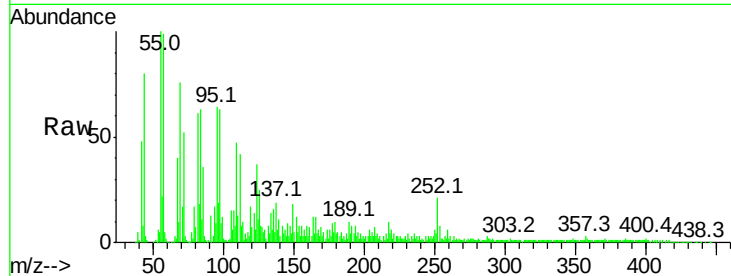
Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.9	19.2	28.8
265	24.3	17.5	26.3





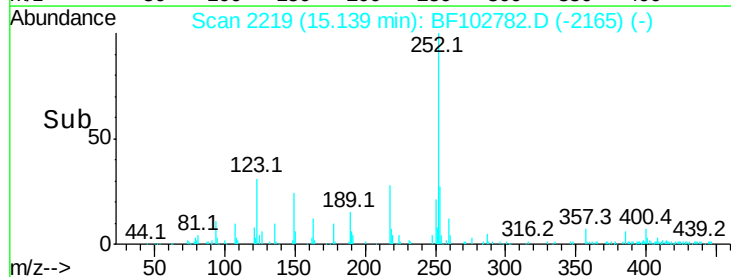
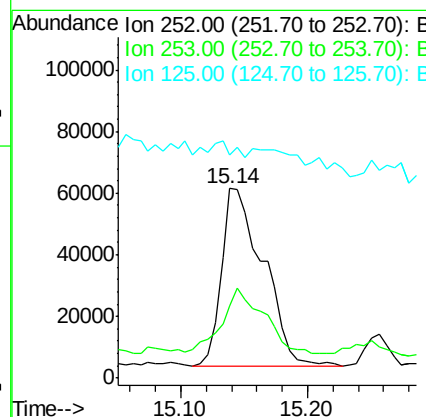
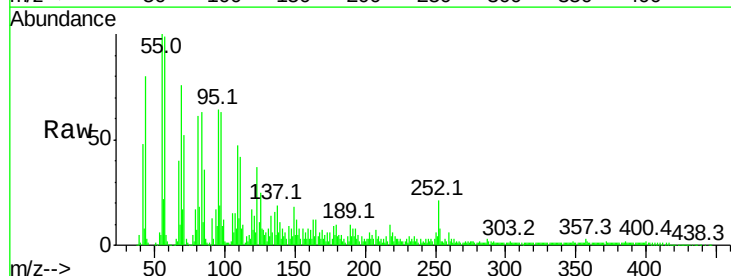
#87
Benzo(b)fluoranthene
Concen: 9.542 ng
RT: 15.14 min Scan# 2219
Delta R.T. 0.05 min
Lab File: BF102782.D
Acq: 6 Feb 2018 14:24

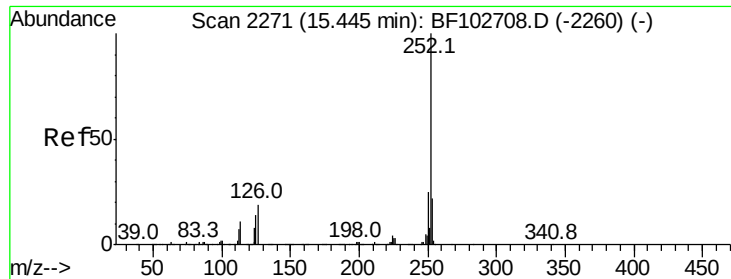
Tot Ion	Ratio	Lower	Upper
252	100		
253	37.8	17.0	25.6#
125	117.9	9.0	13.6#



#88
Benzo(k)fluoranthene
Concen: 9.986 ng
RT: 15.14 min Scan# 2219
Delta R.T. 0.02 min
Lab File: BF102782.D
Acq: 6 Feb 2018 14:24

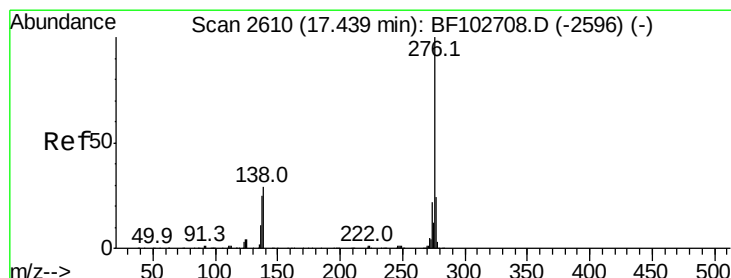
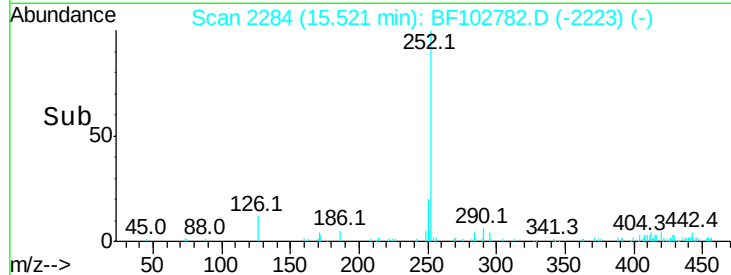
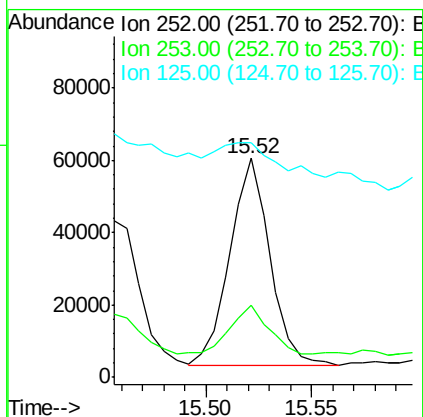
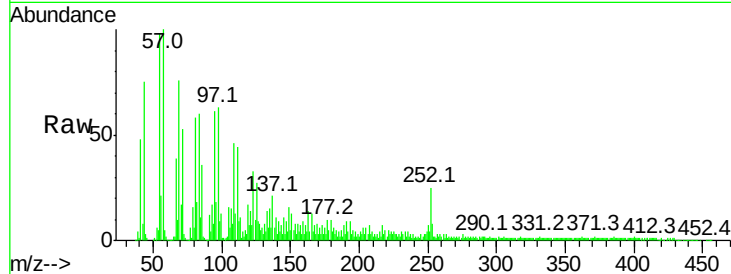
Tgt Ion	Ratio	Lower	Upper
252	100		
253	37.8	17.9	26.9#
125	117.9	10.2	15.2#





#89
Benzo(a)pyrene
Concen: 5.955 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.06 min
Lab File: BF102782.D
Acq: 6 Feb 2018 14:24

Tot Ion:252 Resp: 74683
Ion Ratio Lower Upper
252 100
253 32.8 17.1 25.7#
125 107.2 9.8 14.6#



#91
Benzo(g,h,i)perylene
Concen: 6.606 ng
RT: 17.53 min Scan# 2626
Delta R.T. 0.06 min
Lab File: BF102782.D
Acq: 6 Feb 2018 14:24

Tgt Ion:276 Resp: 65816
Ion Ratio Lower Upper
276 100
277 26.7 17.9 26.9
138 37.9 21.8 32.8#

