

Data Path : U:\HPCHEM1\BNA F\DATA\BF020618\
 Data File : BF102804.D
 Acq On : 7 Feb 2018 1:12
 Operator : SJ/JU
 Sample : J1460-09
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

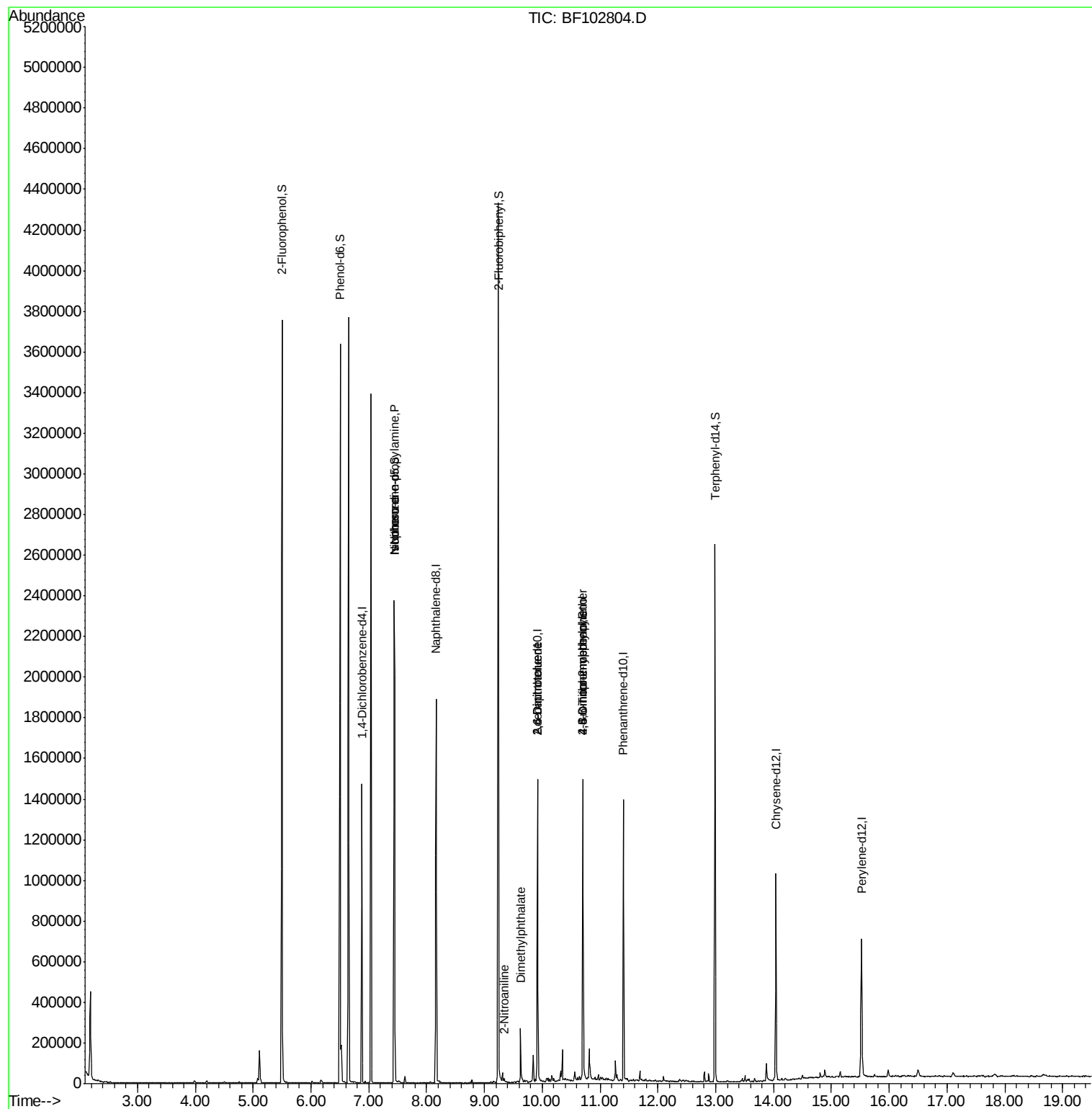
Quant Time: Feb 07 02:20:43 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

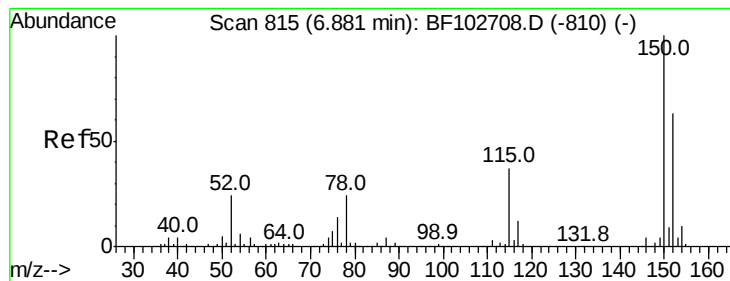
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	196237	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	785328	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	319366	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	456585	20.00	ng	0.00
75) Chrysene-d12	14.04	240	343175	20.00	ng	-0.01
86) Perylene-d12	15.52	264	317808	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1049545	81.22	ng	0.00
7) Phenol-d6	6.50	99	1259583	80.96	ng	0.00
23) Nitrobenzene-d5	7.44	82	771088	68.11	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	155972	60.68	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1362853	70.81	ng	0.00
78) Terphenyl-d14	12.99	244	914556	63.10	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.44	70	104096	10.148	ng	# 81
25) Isophorone	7.44	82	771083	29.580	ng	# 64
47) 2-Nitroaniline	9.35	65	165	3.496	ng	# 2
49) Dimethylphthalate	9.63	163	99271	3.987	ng	99
50) 2,6-Dinitrotoluene	9.92	165	39948	8.432	ng	# 26
56) 2,4-Dinitrotoluene	9.92	165	39948	8.960	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.70	198	123	8.852	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	9745	2.018	ng	# 1

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

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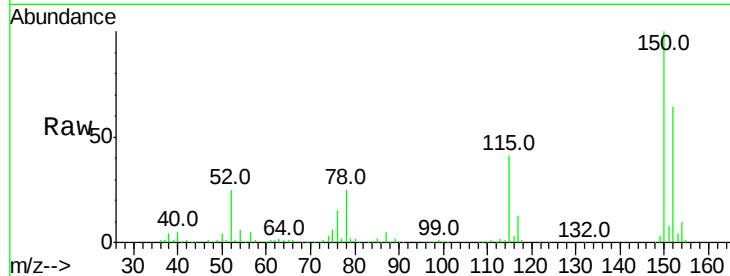




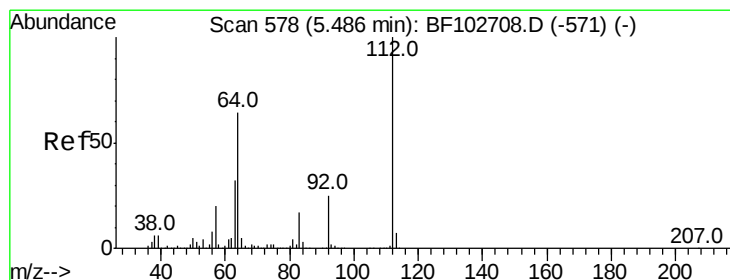
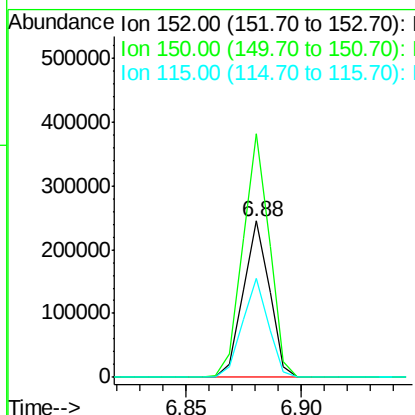
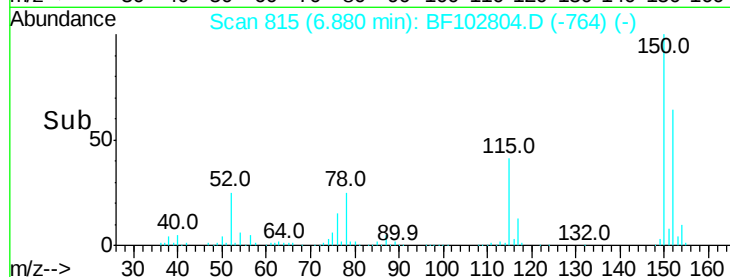
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF102804.D
Acq: 7 Feb 2018 1:12

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	124.6	186.8
115	63.8	50.1	75.1



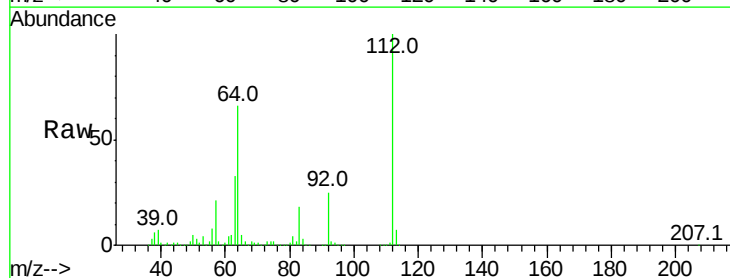
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



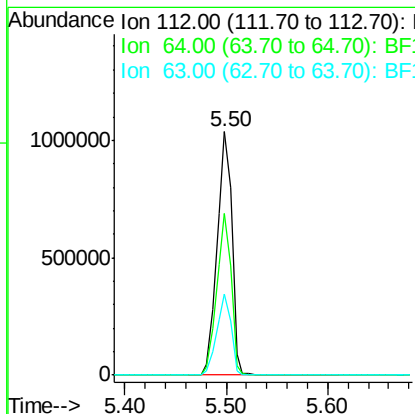
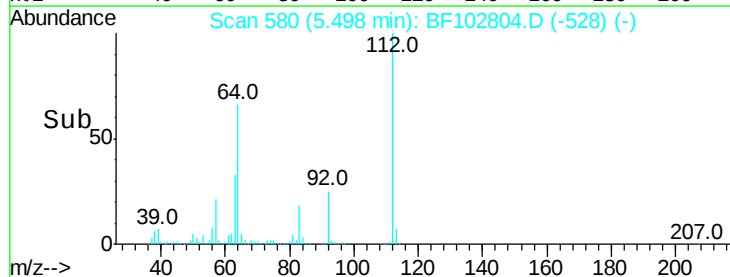
#5

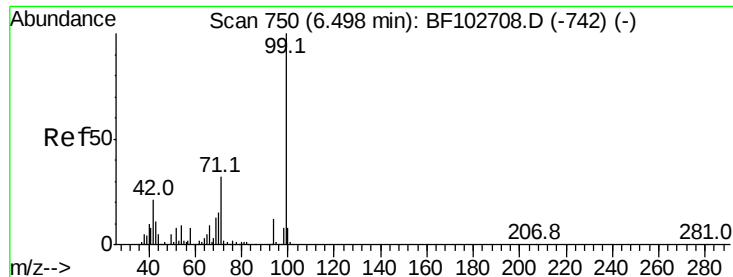
2-Fluorophenol
Concen: 81.224 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF102804.D
Acq: 7 Feb 2018 1:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.5	47.9	71.9
63	33.3	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: 80.958 ng

RT: 6.50 min Scan# 751

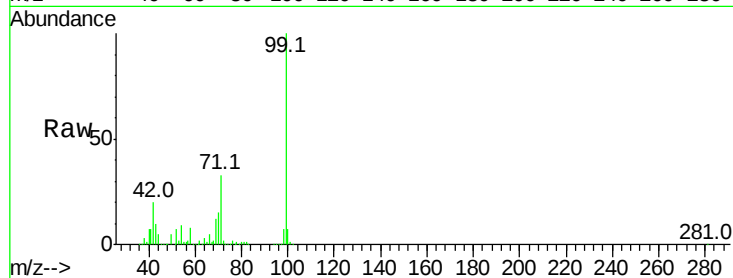
Delta R.T. -0.00 min

Lab File: BF102804.D

Acq: 7 Feb 2018 1:12

Tot Ion: 99 Resp: 1259583

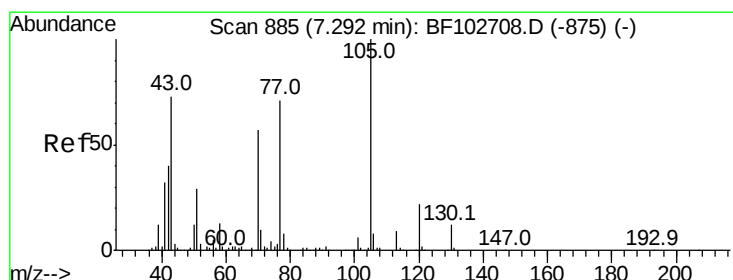
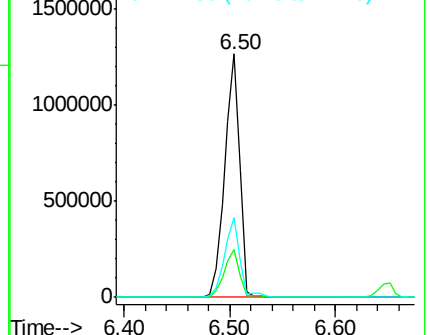
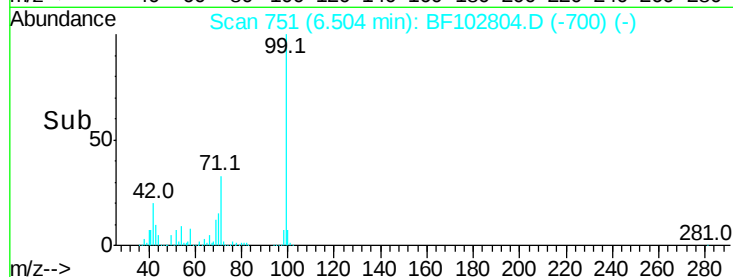
Ion	Ratio	Lower	Upper
99	100		
42	19.9	14.5	21.7
71	33.0	25.4	38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 10.148 ng

RT: 7.44 min Scan# 910

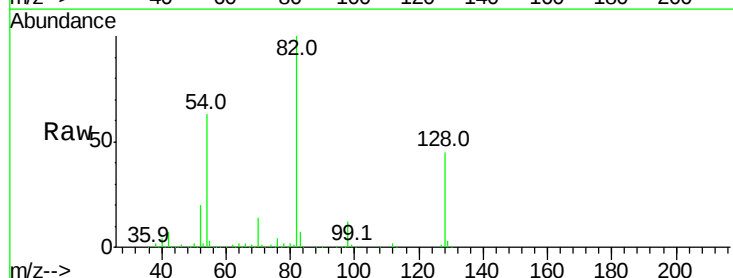
Delta R.T. 0.14 min

Lab File: BF102804.D

Acq: 7 Feb 2018 1:12

Tgt Ion: 70 Resp: 104096

Ion	Ratio	Lower	Upper
70	100		
42	51.6	47.5	71.3
101	0.0	7.4	11.2#
130	1.9	16.6	25.0#

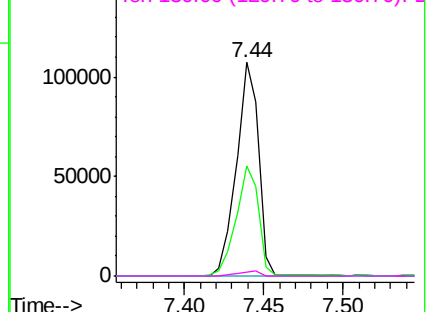
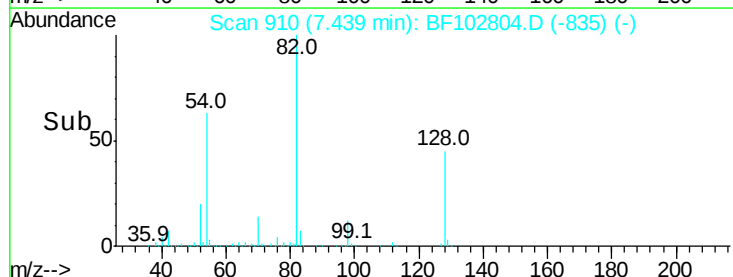


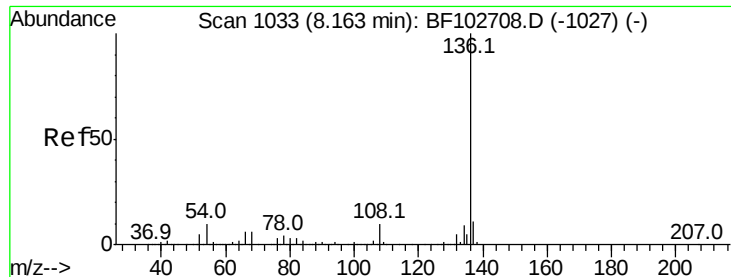
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF102804.D

Acq: 7 Feb 2018 1:12

Tot Ion:136 Resp: 785328

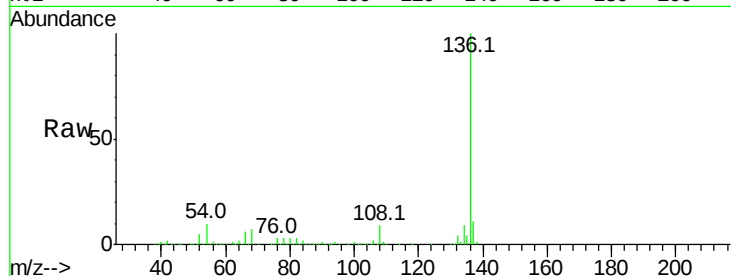
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 10.0 6.6 9.8#

68 6.6 5.0 7.4

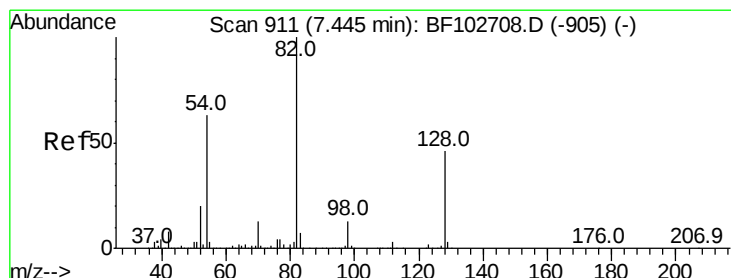
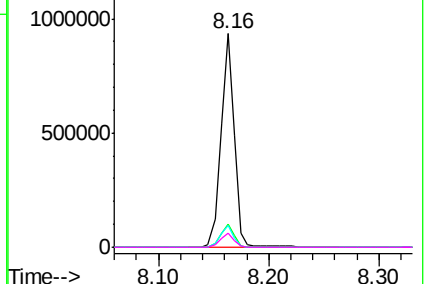
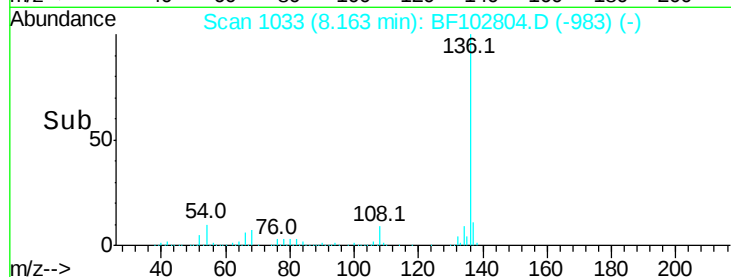


Abundance Ion 136.00 (135.70 to 136.70): E

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: 68.113 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF102804.D

Acq: 7 Feb 2018 1:12

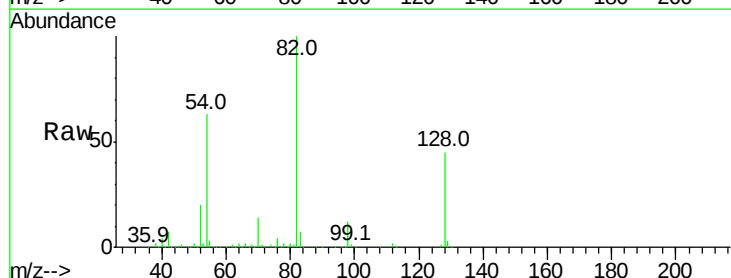
Tgt Ion: 82 Resp: 771088

Ion Ratio Lower Upper

82 100

128 45.0 36.1 54.1

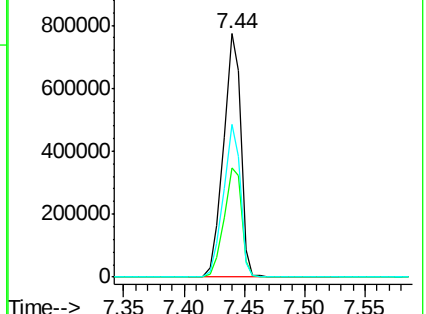
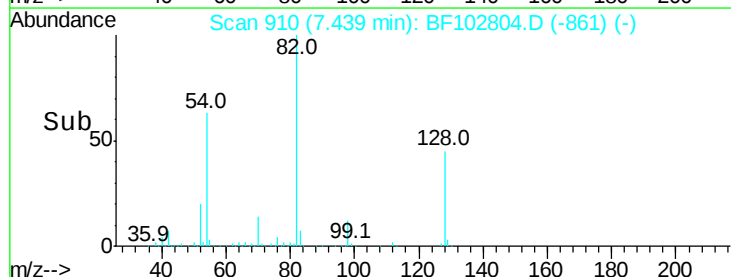
54 62.7 41.4 62.2#

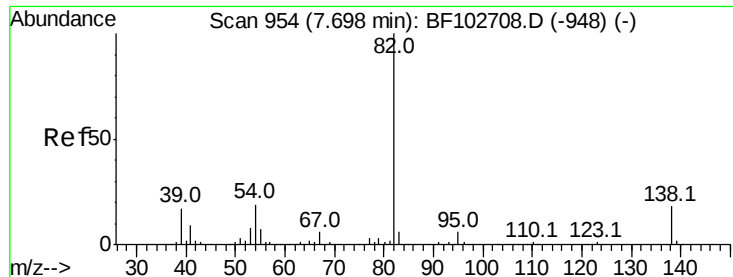


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 29.580 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.26 min

Lab File: BF102804.D

Acq: 7 Feb 2018 1:12

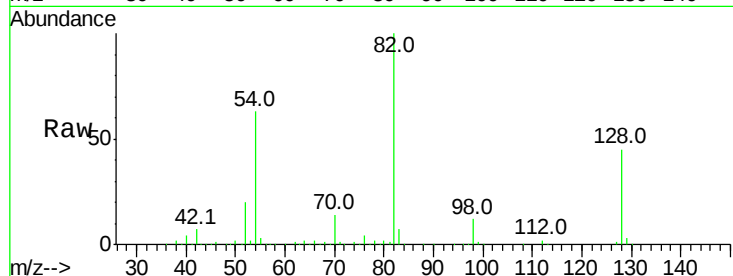
Tot Ion: 82 Resp: 771083

Ion Ratio Lower Upper

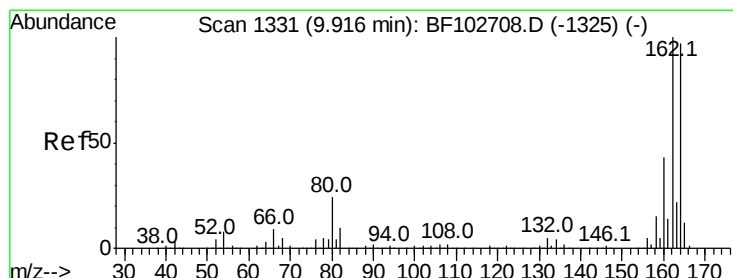
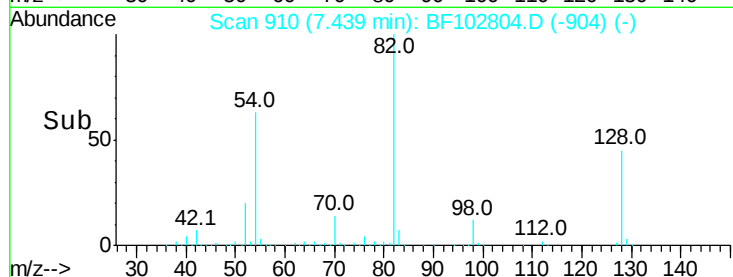
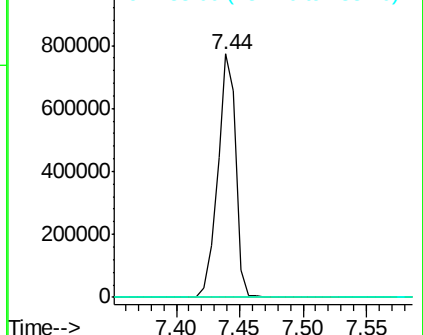
82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF102804.D

Acq: 7 Feb 2018 1:12

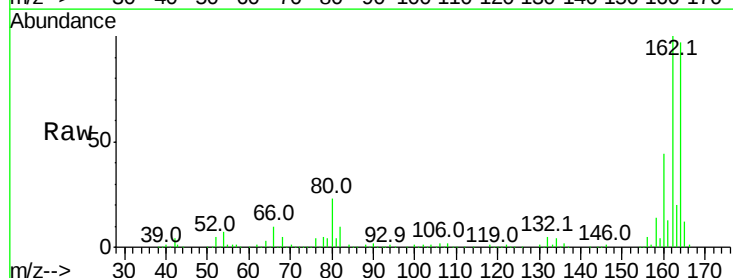
Tgt Ion: 164 Resp: 319366

Ion Ratio Lower Upper

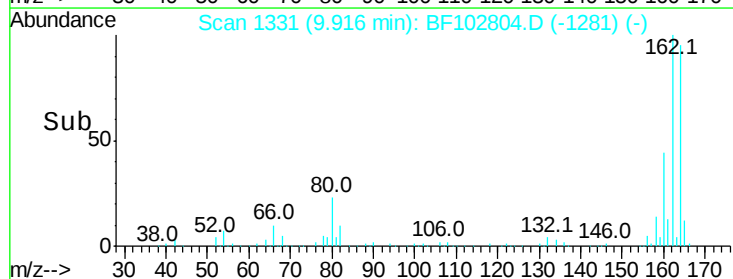
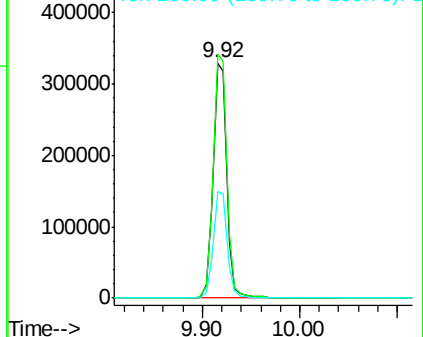
164 100

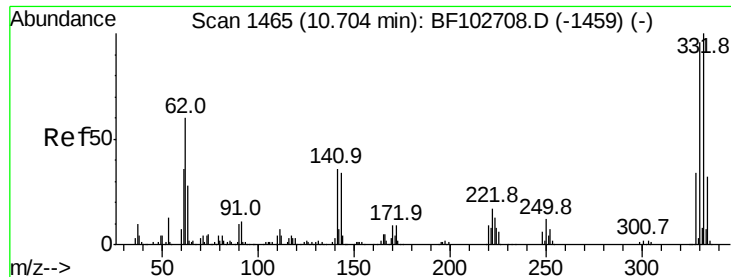
162 103.6 86.1 129.1

160 45.3 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: 60.677 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BF102804.D

Acq: 7 Feb 2018 1:12

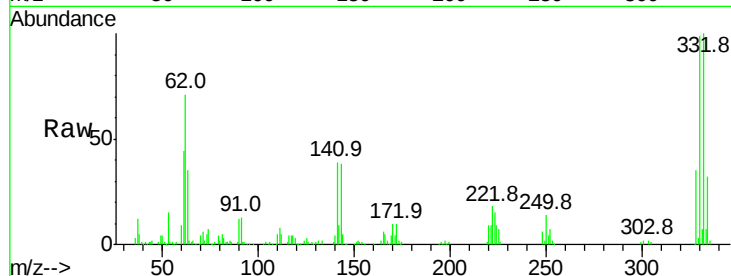
Tot Ion:330 Resp: 155972

Ion	Ratio	Lower	Upper
330	100		
332	101.9	77.0	115.6
141	38.4	29.9	44.9

330 100

332 101.9 77.0 115.6

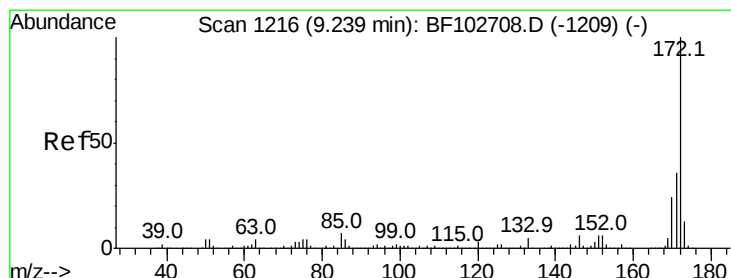
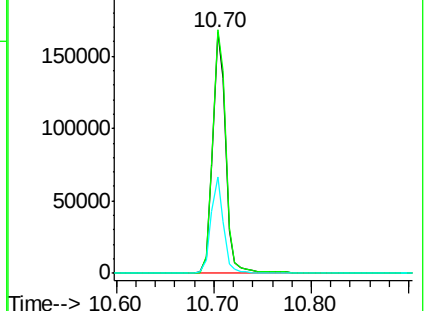
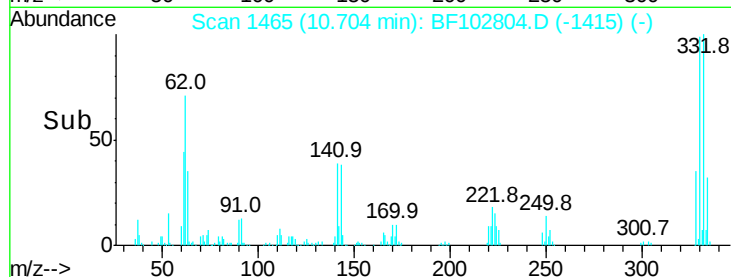
141 38.4 29.9 44.9



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: 70.811 ng

RT: 9.24 min Scan# 1216

Delta R.T. -0.01 min

Lab File: BF102804.D

Acq: 7 Feb 2018 1:12

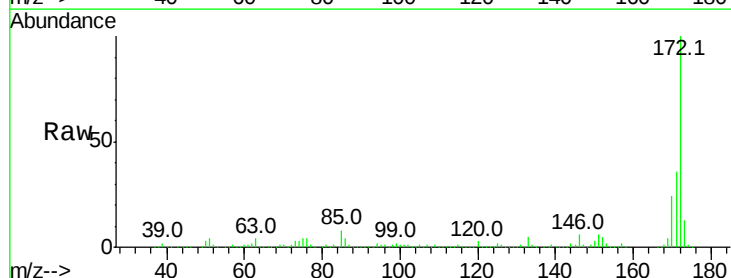
Tgt Ion:172 Resp: 1362853

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	24.2	19.6	29.4

172 100

171 35.9 29.7 44.5

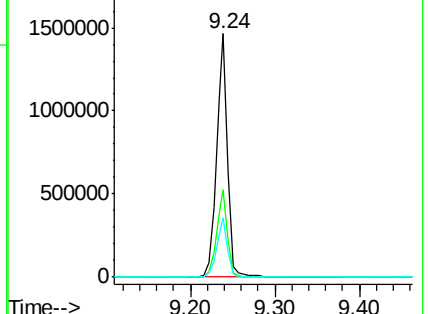
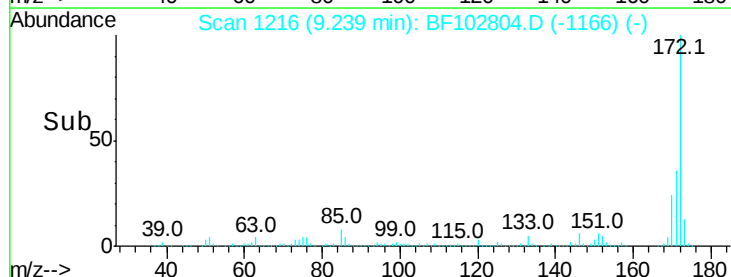
170 24.2 19.6 29.4

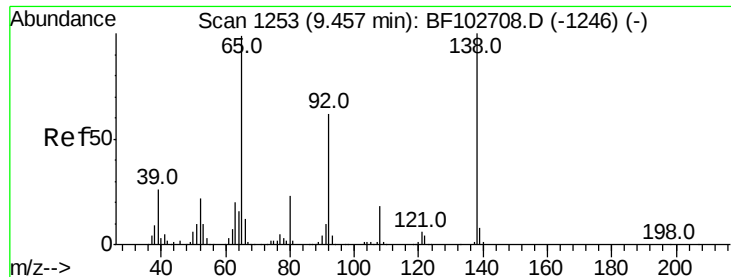


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#47

2-Nitroaniline

Concen: 3.496 ng

RT: 9.35 min Scan# 1234

Delta R.T. -0.12 min

Lab File: BF102804.D

Acq: 7 Feb 2018 1:12

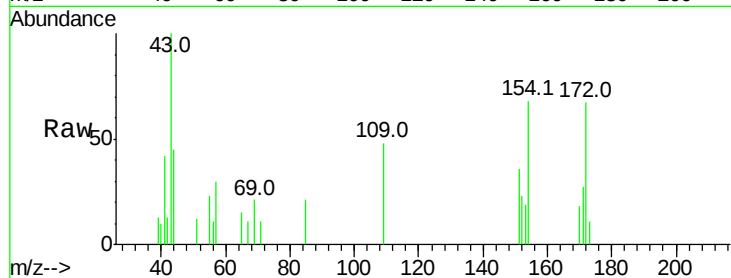
Tot Ion: 65 Resp: 165

Ion Ratio Lower Upper

65 100

92 0.0 55.8 83.6#

138 0.0 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): BF1

9.35

400

300

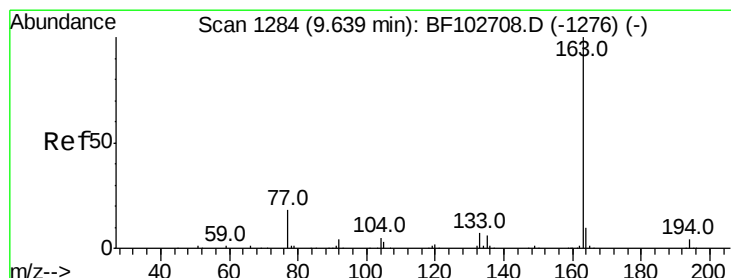
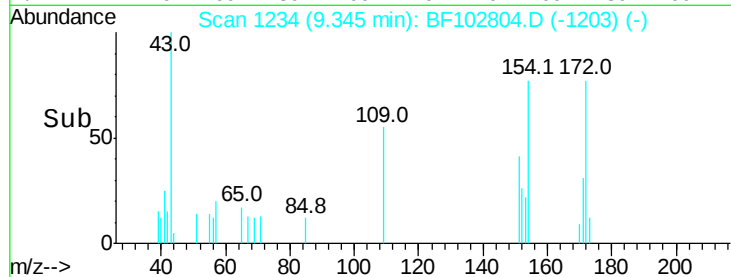
200

100

0

9.33 9.34 9.35 9.36

Time-->



#49

Dimethylphthalate

Concen: 3.987 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BF102804.D

Acq: 7 Feb 2018 1:12

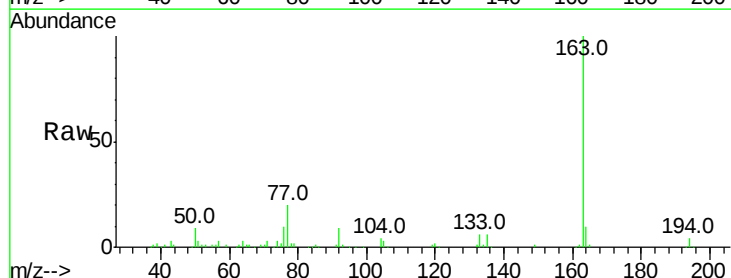
Tgt Ion: 163 Resp: 99271

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

164 9.7 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

9.63

150000

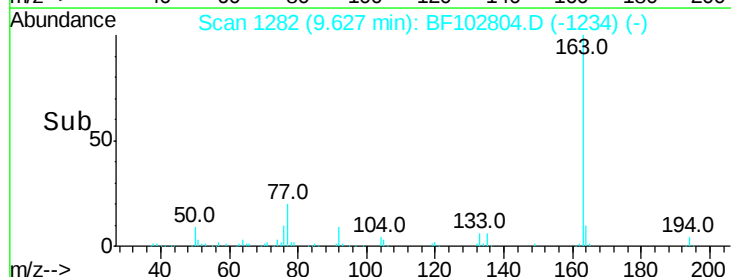
100000

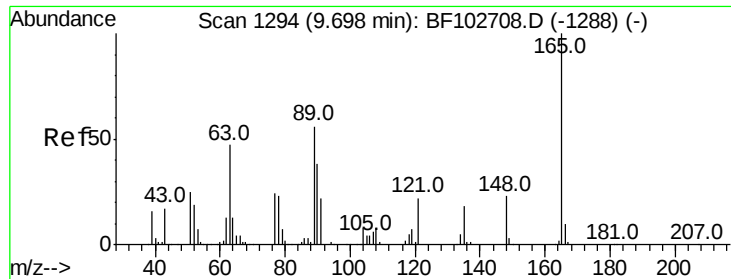
50000

0

9.55 9.60 9.65 9.70 9.75

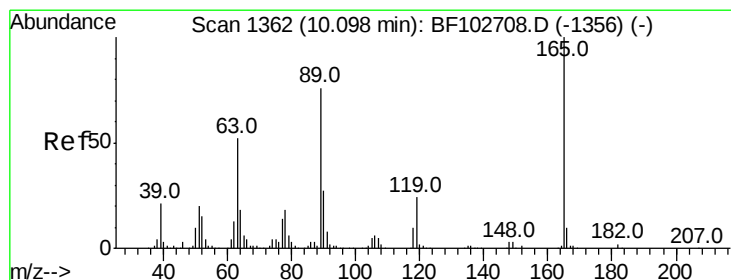
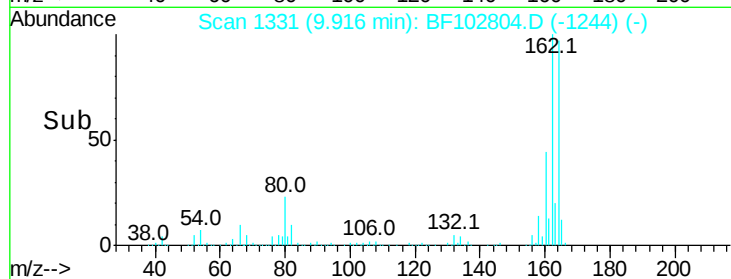
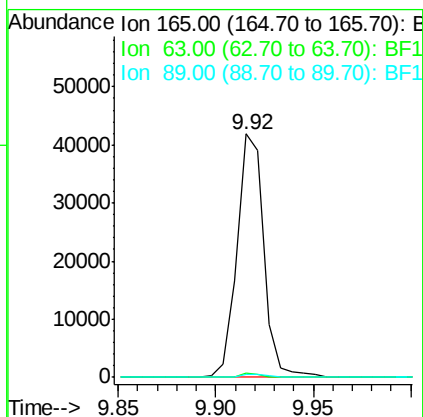
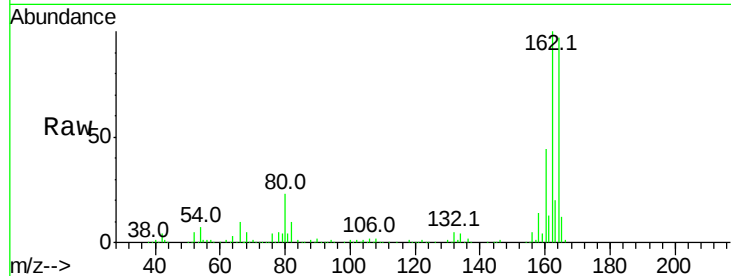
Time-->





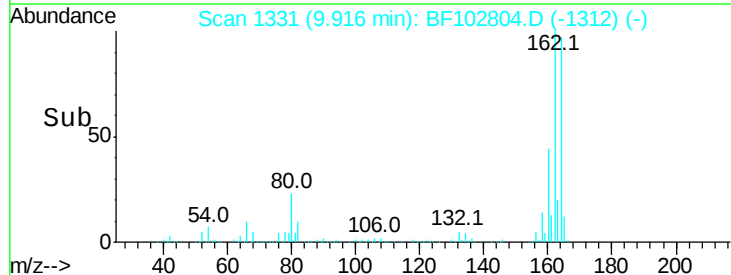
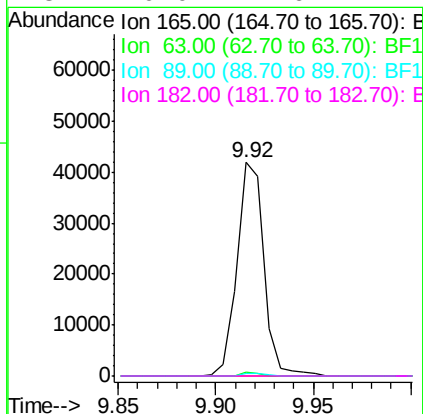
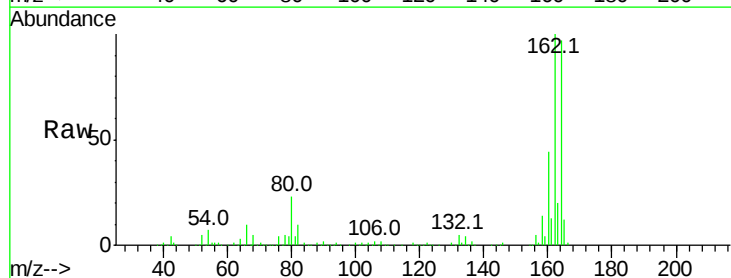
#50
 2,6-Dinitrotoluene
 Concen: 8.432 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.21 min
 Lab File: BF102804.D
 Acq: 7 Feb 2018 1:12

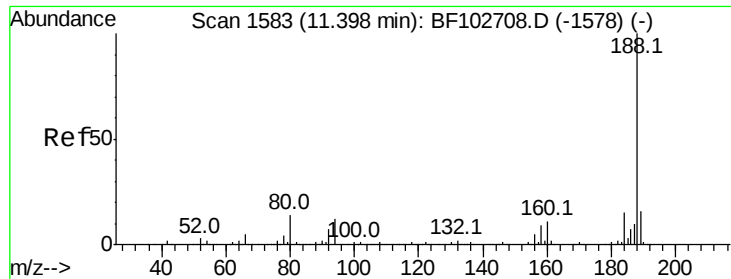
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.7	67.1#
89	1.3	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 8.960 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.19 min
 Lab File: BF102804.D
 Acq: 7 Feb 2018 1:12

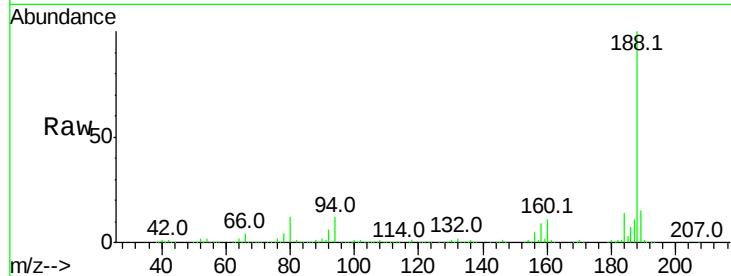
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#





#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.01 min
 Lab File: BF102804.D
 Acq: 7 Feb 2018 1:12

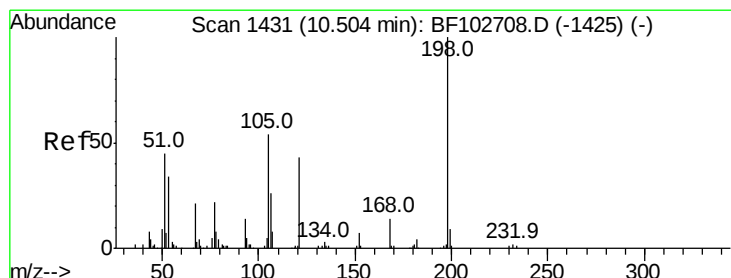
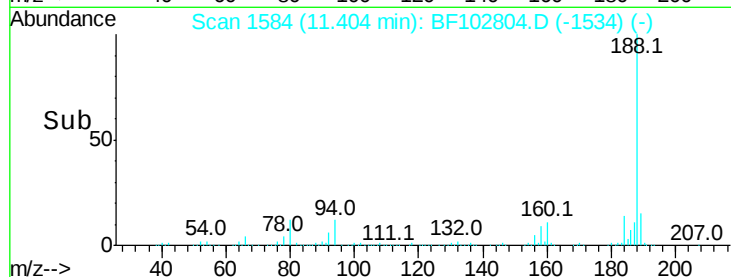
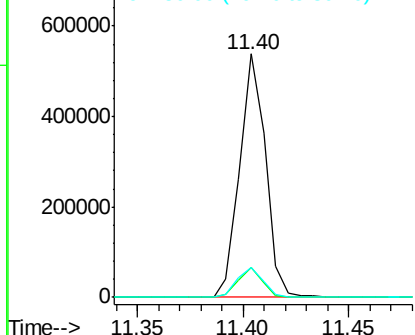
Tot Ion	Ratio	Lower	Upper
188	100		
94	12.1	8.5	12.7
80	12.2	9.2	13.8



Abundance Ion 188.00 (187.70 to 188.70): E

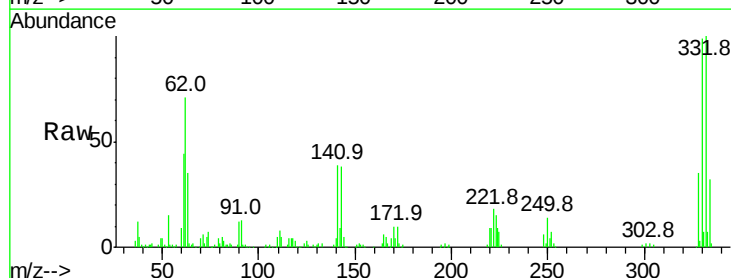
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.852 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.19 min
 Lab File: BF102804.D
 Acq: 7 Feb 2018 1:12

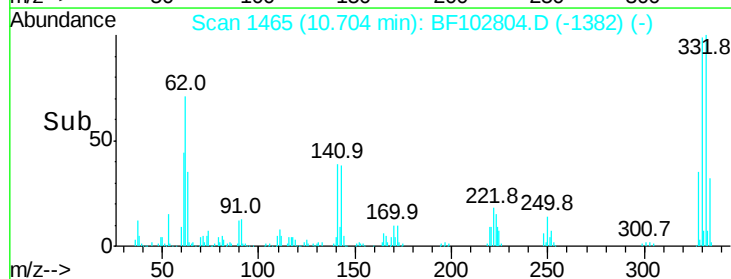
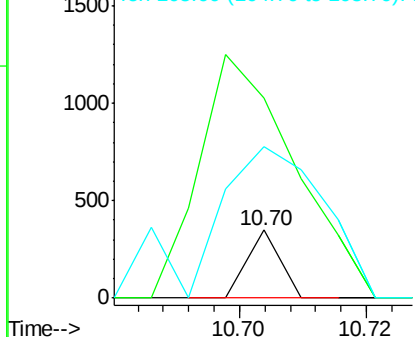
Tgt Ion	Ratio	Lower	Upper
198	100		
51	296.0	37.7	77.7#
105	223.0	36.3	76.3#

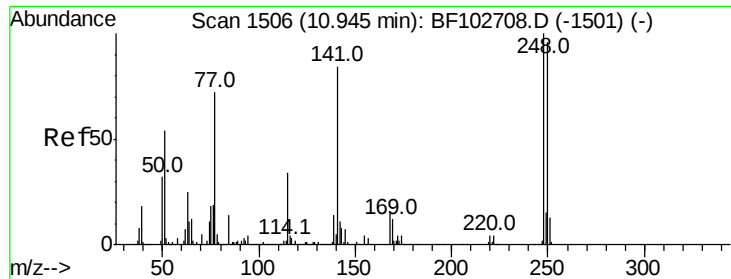


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

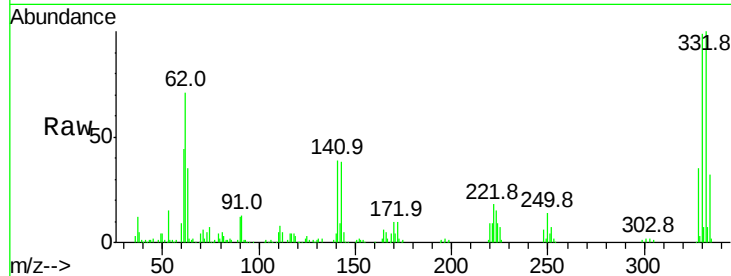
Ion 105.00 (104.70 to 105.70): E



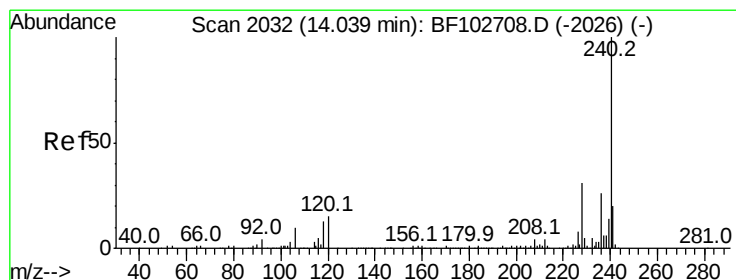
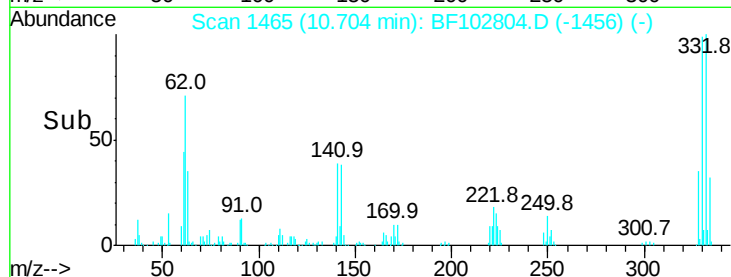
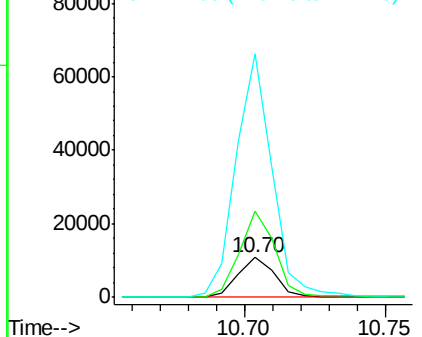


#66
4-Bromophenyl-phenylether
Concen: 2.018 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.25 min
Lab File: BF102804.D
Acq: 7 Feb 2018 1:12

Tot Ion:248 Resp: 9745
Ion Ratio Lower Upper
248 100
250 217.7 76.9 115.3#
141 616.7 74.4 111.6#

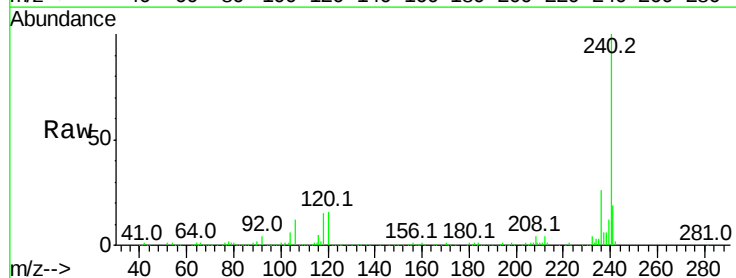


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

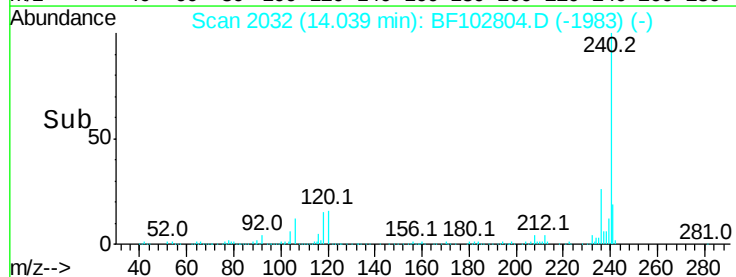
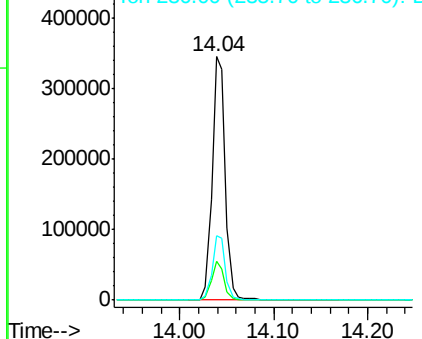


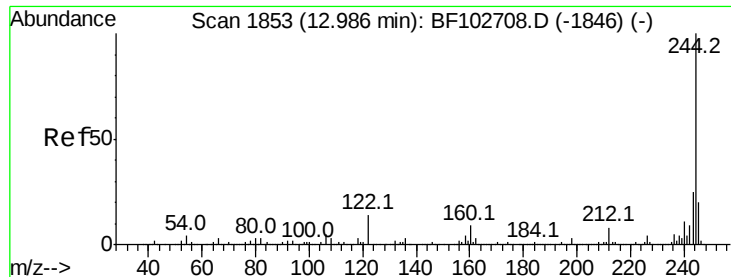
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF102804.D
Acq: 7 Feb 2018 1:12

Tgt Ion:240 Resp: 343175
Ion Ratio Lower Upper
240 100
120 16.0 9.5 14.3#
236 26.3 20.7 31.1



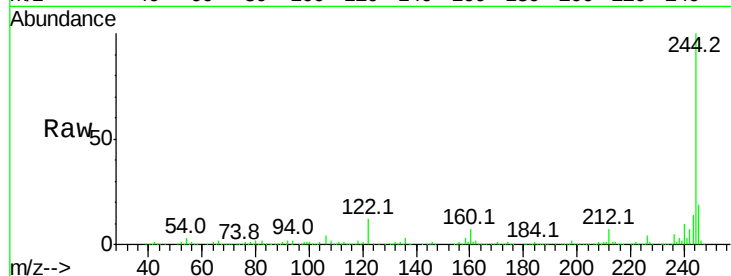
Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



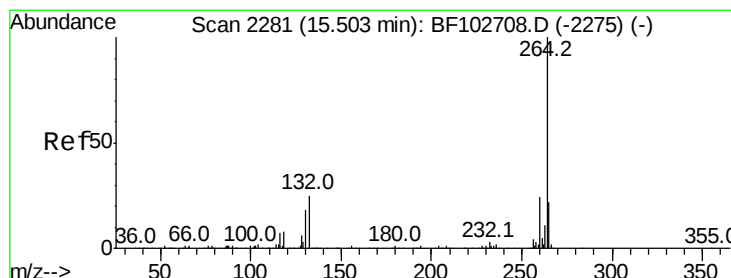
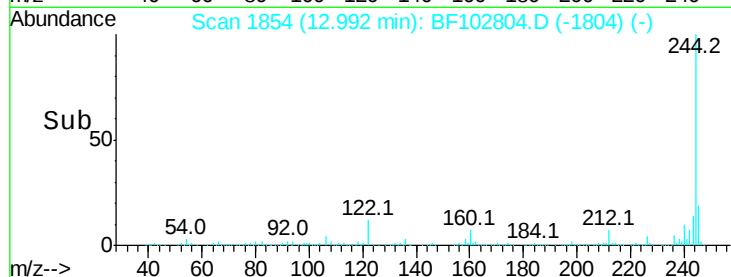
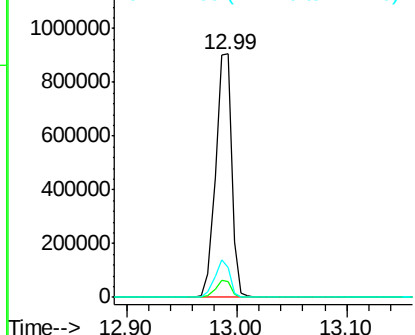


#78
 Terphenyl-d14
 Concen: 63.101 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF102804.D
 Acq: 7 Feb 2018 1:12

Tot Ion:244 Resp: 914556
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 12.1 11.0 16.4

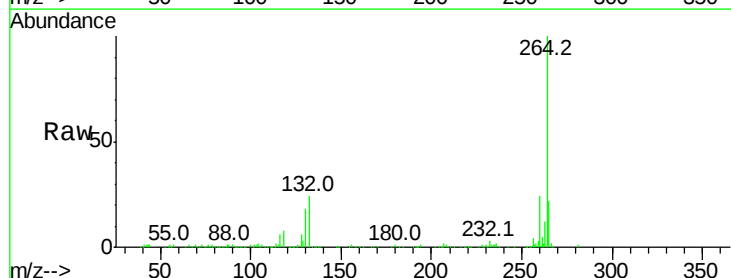


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.52 min Scan# 2284
 Delta R.T. -0.01 min
 Lab File: BF102804.D
 Acq: 7 Feb 2018 1:12

Tgt Ion:264 Resp: 317808
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.2 28.8
 265 21.6 17.5 26.3



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

