

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF032218\
 Data File : BF103841.D
 Acq On : 22 Mar 2018 10:09
 Operator : JU/SJ
 Sample : J1981-01RE
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

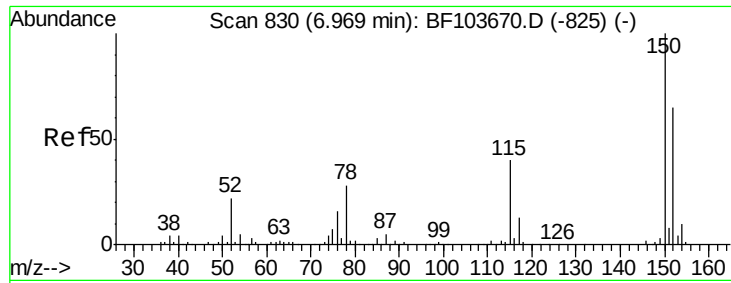
Quant Time: Mar 22 11:57:18 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 22 11:56:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	155877	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	636419	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	301970	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	577016	20.00	ng	0.00
75) Chrysene-d12	14.16	240	554581	20.00	ng	0.00
86) Perylene-d12	15.70	264	517983	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	1028877	100.39	ng	0.00
7) Phenol-d6	6.59	99	1275115	101.70	ng	0.00
23) Nitrobenzene-d5	7.53	82	776606	85.10	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	350026	134.81	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1360043	71.84	ng	0.00
78) Terphenyl-d14	13.10	244	1482174	62.03	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.53	70	101034	12.574	ng	# 72
25) Isophorone	7.53	82	776598	36.760	ng	# 64
47) 2-Nitroaniline	9.72	65	1499	7.060	ng	# 1
49) Dimethylphthalate	9.72	163	165944	7.203	ng	100
50) 2,6-Dinitrotoluene	9.72	165	1789	4.352	ng	# 25
56) 2,4-Dinitrotoluene	10.27	165	1702	6.476	ng	# 21
61) 4-Nitroaniline	10.76	138	112	3.769	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.80	198	613	8.435	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	20683	3.491	ng	# 1

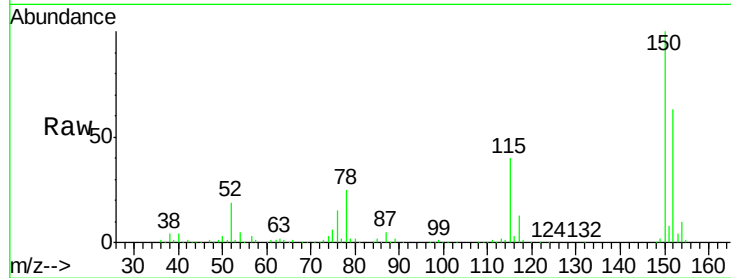
(#) = qualifier out of range (m) = manual integration (+) = signals summed



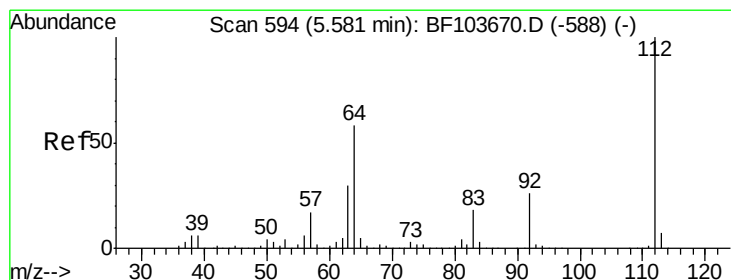
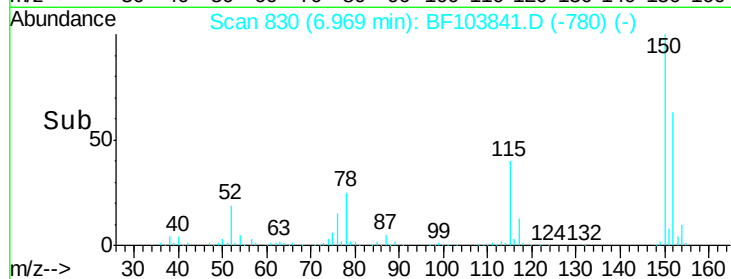
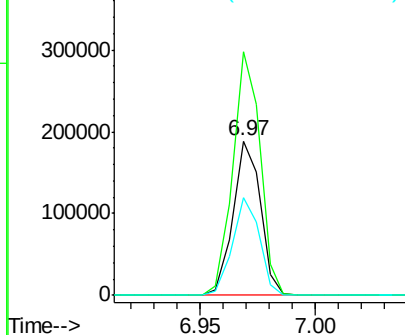
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF103841.D
Acq: 22 Mar 2018 10:09

Tot Ion	152	Resp	155877
Ion	Ratio	Lower	Upper
152	100		
150	157.6	124.6	186.8
115	63.2	50.1	75.1



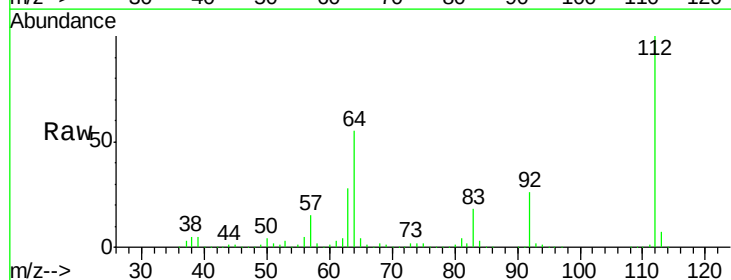
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



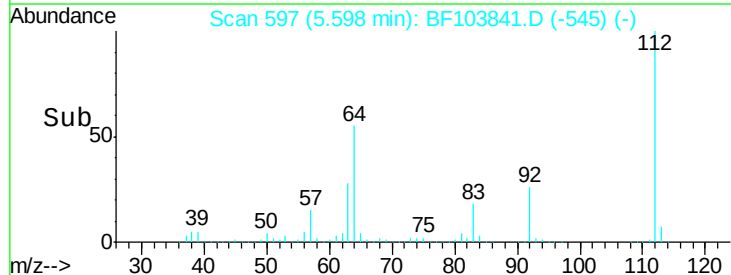
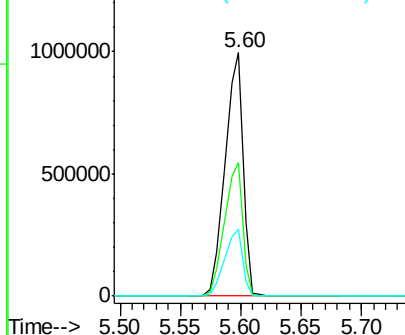
#5

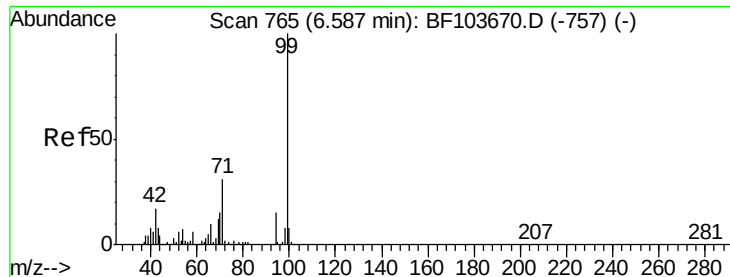
2-Fluorophenol
Concen: 100.394 ng
RT: 5.60 min Scan# 597
Delta R.T. 0.01 min
Lab File: BF103841.D
Acq: 22 Mar 2018 10:09

Tgt Ion	112	Resp	1028877
Ion	Ratio	Lower	Upper
112	100		
64	54.8	47.9	71.9
63	27.6	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: 101.699 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF103841.D

Acq: 22 Mar 2018 10:09

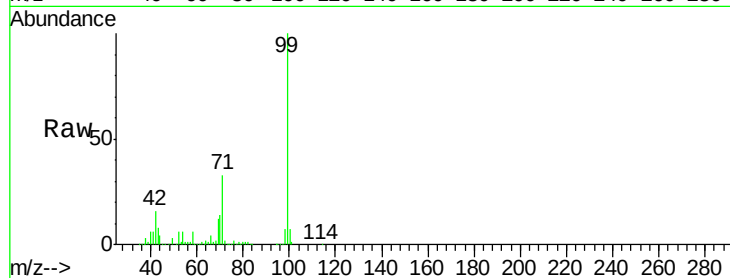
Tot Ion: 99 Resp: 1275115

Ion Ratio Lower Upper

99 100

42 15.6 14.5 21.7

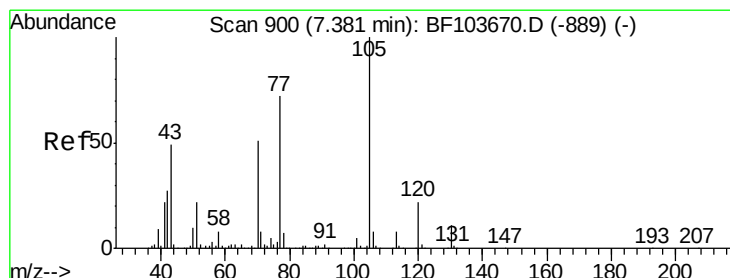
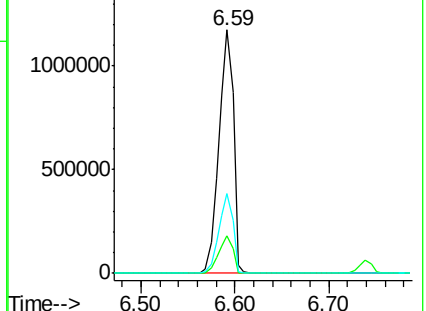
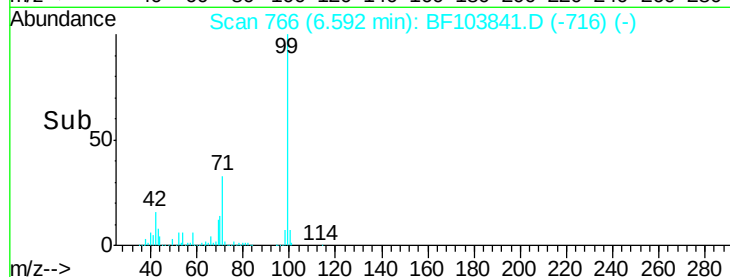
71 32.5 25.4 38.0



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: 12.574 ng

RT: 7.53 min Scan# 926

Delta R.T. 0.15 min

Lab File: BF103841.D

Acq: 22 Mar 2018 10:09

Tgt Ion: 70 Resp: 101034

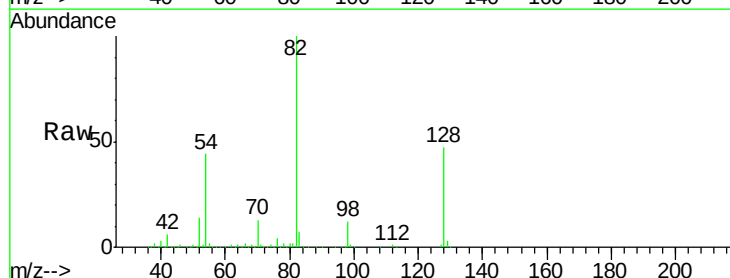
Ion Ratio Lower Upper

70 100

42 41.5 47.5 71.3#

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

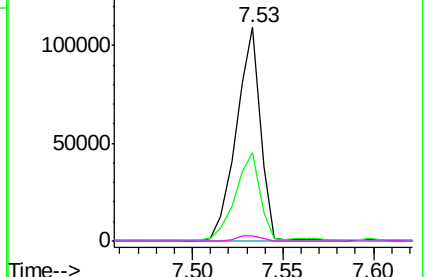
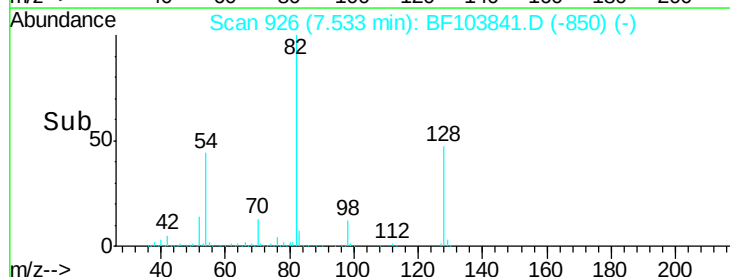


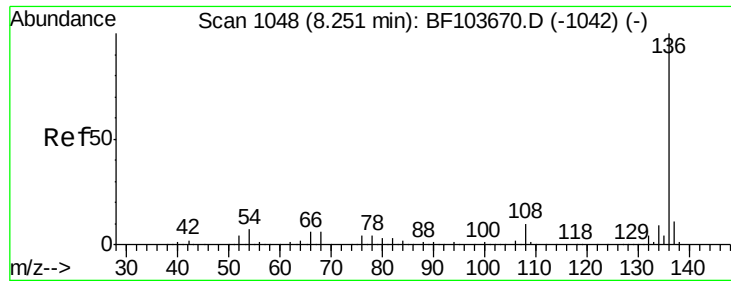
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

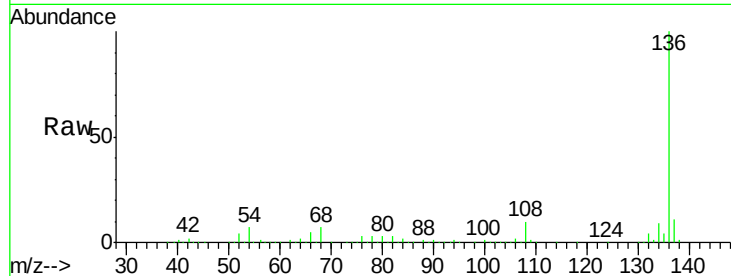
Ion 130.00 (129.70 to 130.70): BF1



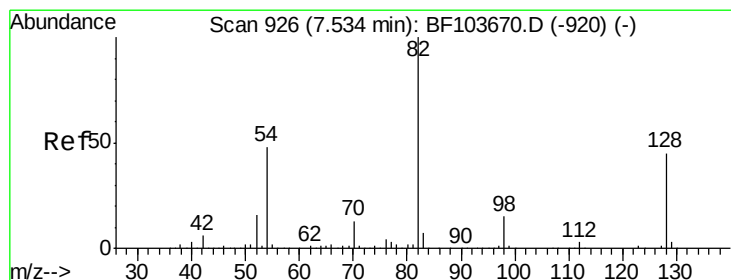
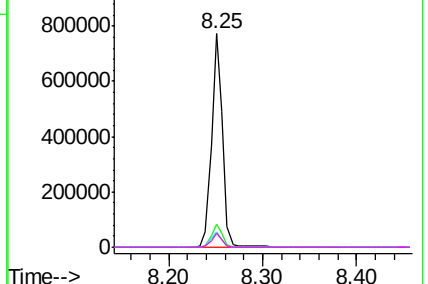
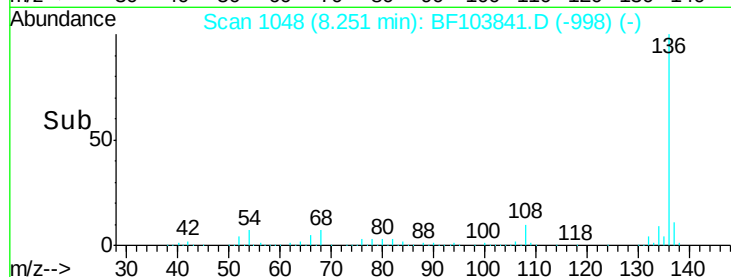


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BF103841.D
Acq: 22 Mar 2018 10:09

Tot Ion:136	Resp:	636419	
Ion Ratio	Lower	Upper	
136 100			
137 11.0	8.9	13.3	
54 7.2	6.6	9.8	
68 6.6	5.0	7.4	

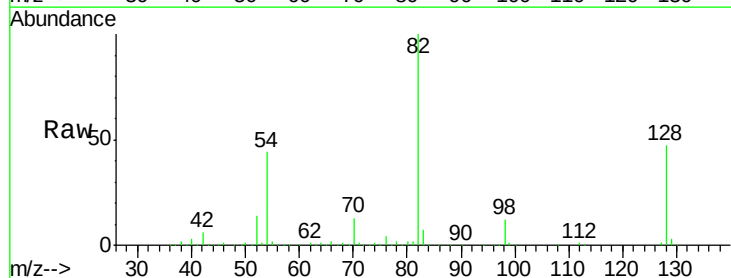


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

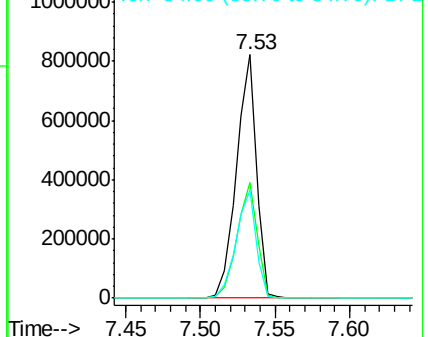
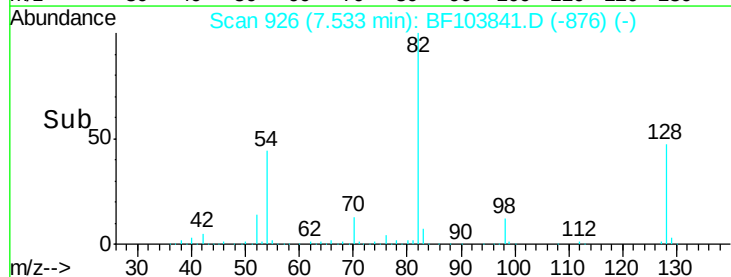


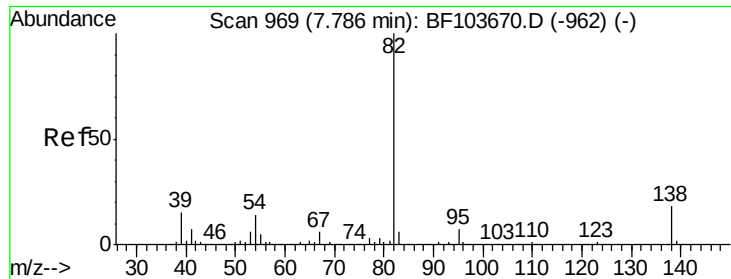
#23
Nitrobenzene-d5
Concen: 85.097 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF103841.D
Acq: 22 Mar 2018 10:09

Tgt Ion: 82	Resp: 776606
Ion Ratio	Lower Upper
82 100	
128 47.4	36.1 54.1
54 44.1	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: 36.760 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.26 min

Lab File: BF103841.D

Acq: 22 Mar 2018 10:09

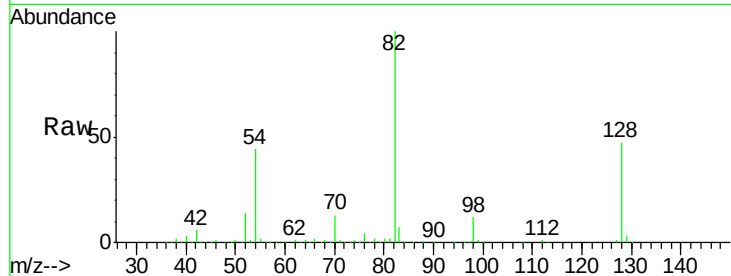
Tot Ion: 82 Resp: 776598

Ion Ratio Lower Upper

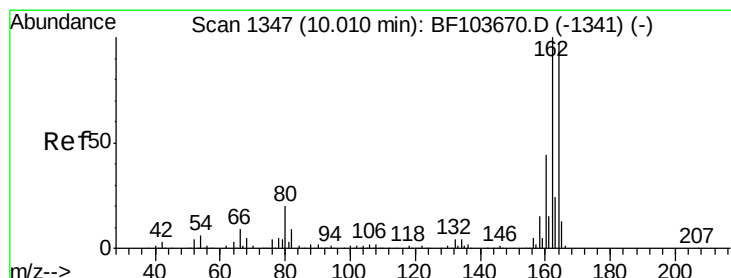
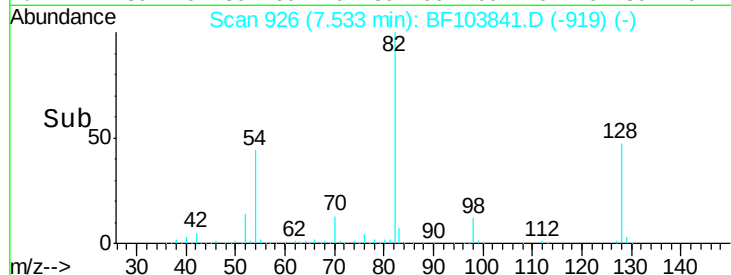
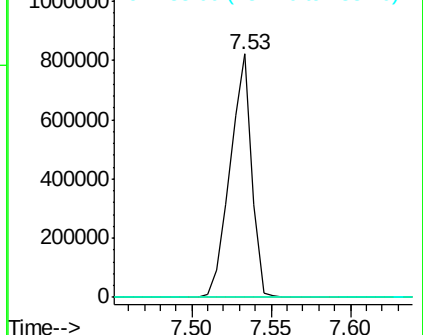
82 100

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: 10.01 min Scan# 1347

Delta R.T. -0.01 min

Lab File: BF103841.D

Acq: 22 Mar 2018 10:09

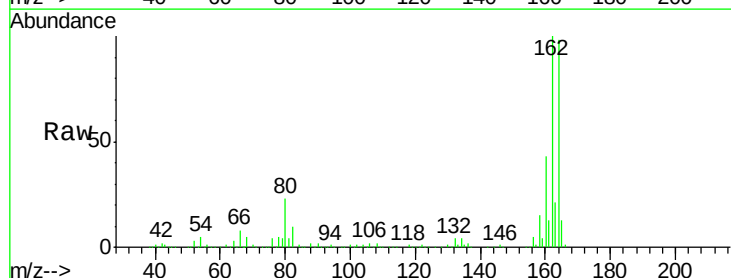
Tgt Ion: 164 Resp: 301970

Ion Ratio Lower Upper

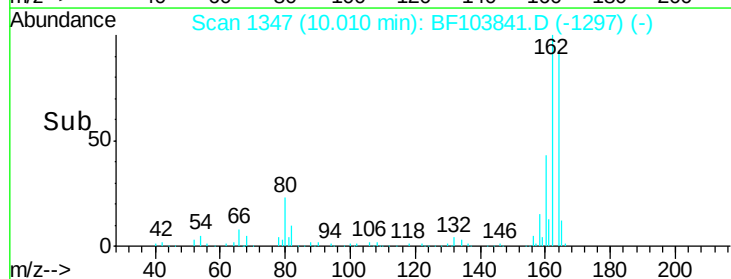
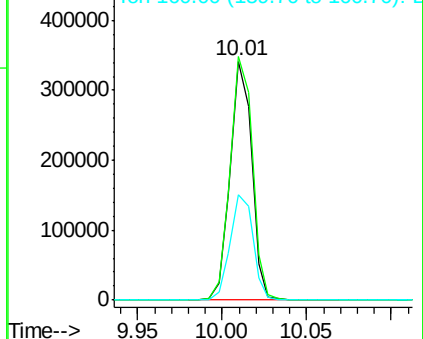
164 100

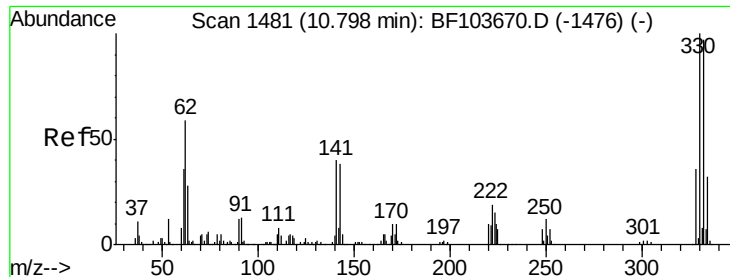
162 101.9 86.1 129.1

160 44.0 38.3 57.5



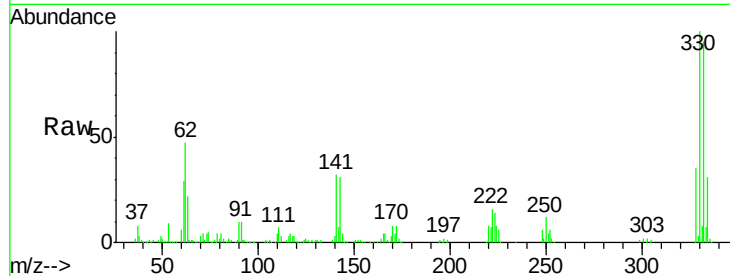
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



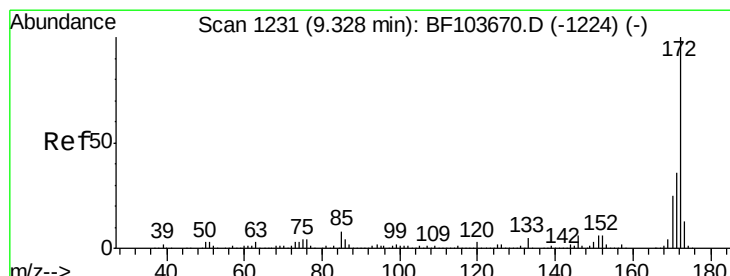
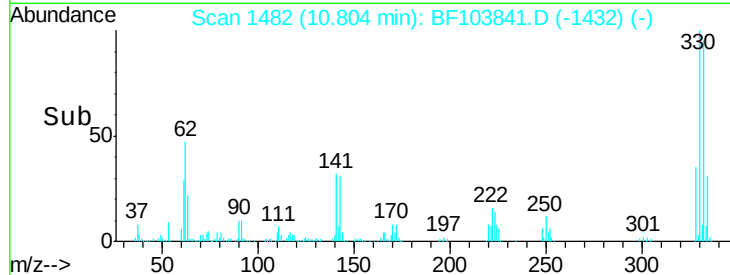
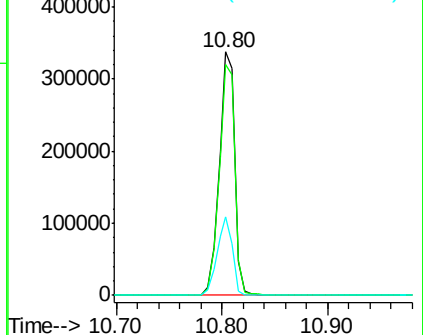


#41
 2,4,6-Tribromophenol
 Concen: 134.814 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF103841.D
 Acq: 22 Mar 2018 10:09

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	32.0	29.9	44.9

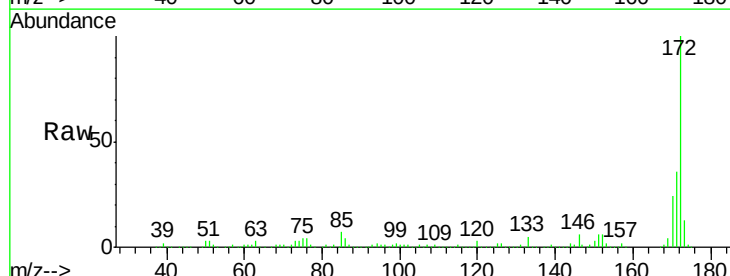


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

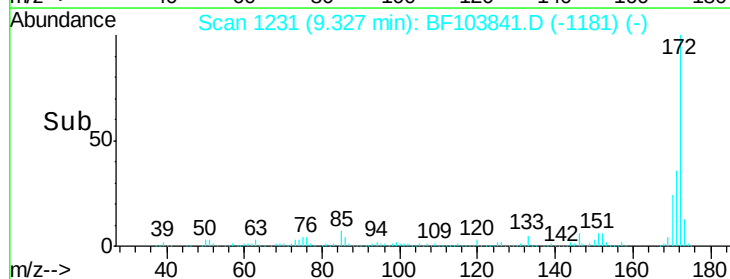
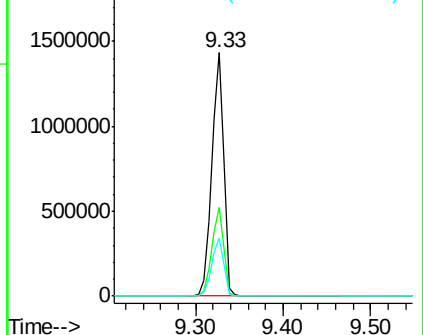


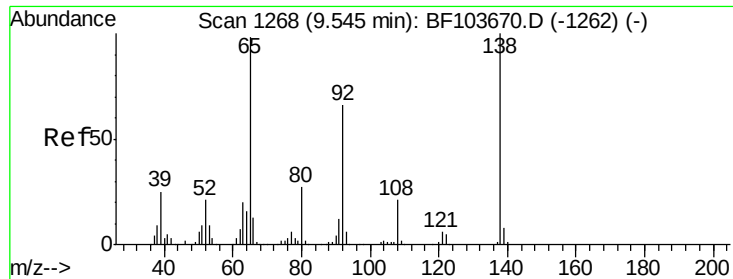
#44
 2-Fluorobiphenyl
 Concen: 71.844 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF103841.D
 Acq: 22 Mar 2018 10:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	23.8	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: 7.060 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.16 min

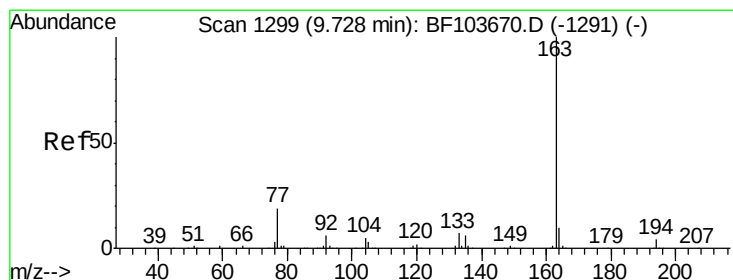
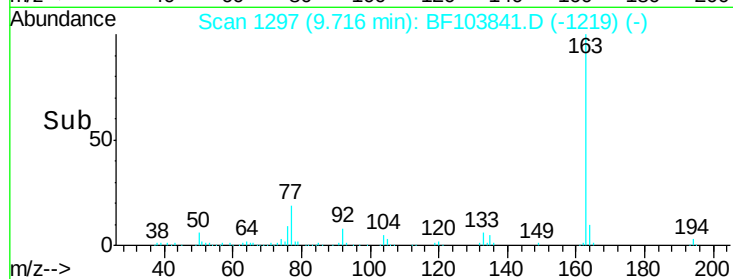
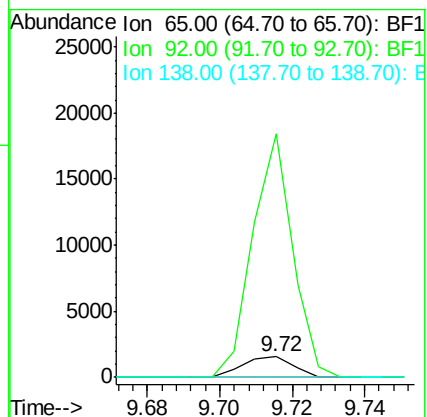
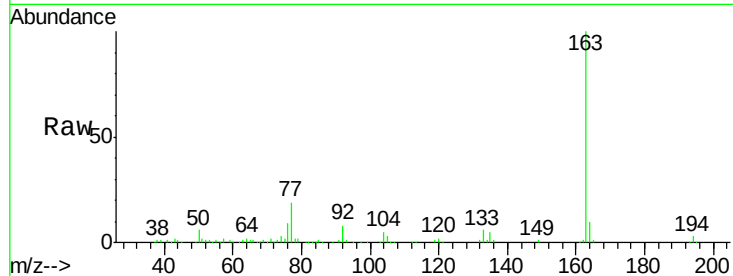
Lab File: BF103841.D

Acq: 22 Mar 2018 10:09

Tot Ion: 65 Resp: 1499

Ion Ratio Lower Upper

65	100		
92	1187.1	55.8	83.6#
138	0.0	91.2	136.8#



#49

Dimethylphthalate

Concen: 7.203 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.02 min

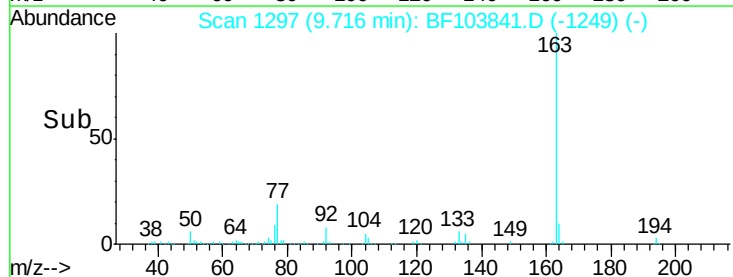
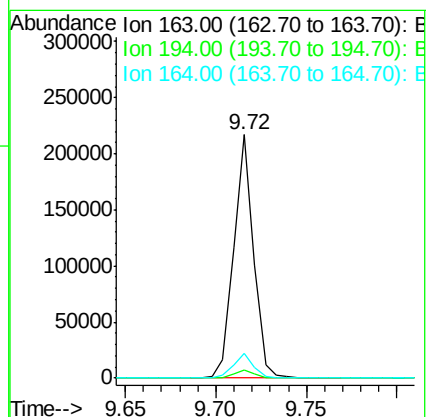
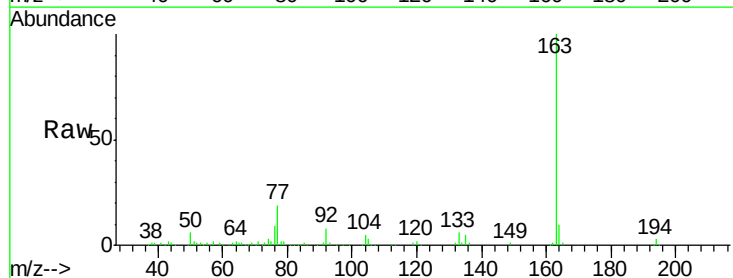
Lab File: BF103841.D

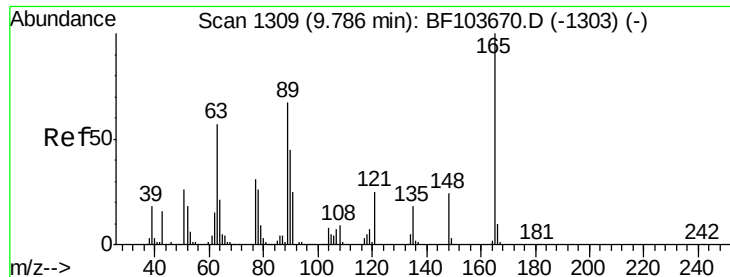
Acq: 22 Mar 2018 10:09

Tgt Ion: 163 Resp: 165944

Ion Ratio Lower Upper

163	100		
194	3.3	2.7	4.1
164	10.2	8.2	12.2





#50

2,6-Dinitrotoluene

Concen: 4.352 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.08 min

Lab File: BF103841.D

Acq: 22 Mar 2018 10:09

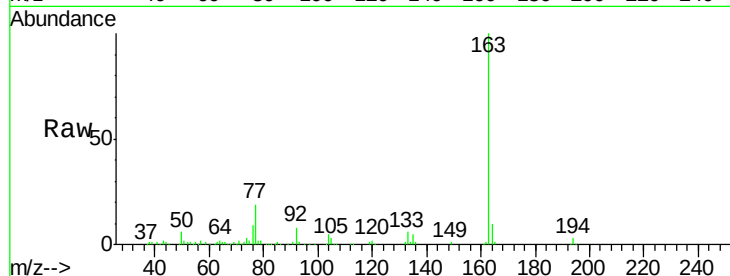
Tot Ion:165 Resp: 1789

Ion Ratio Lower Upper

165 100

63 127.4 44.7 67.1#

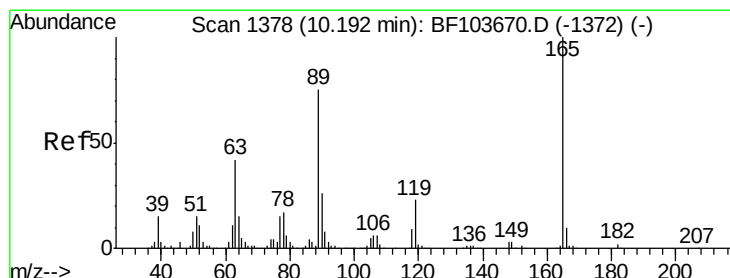
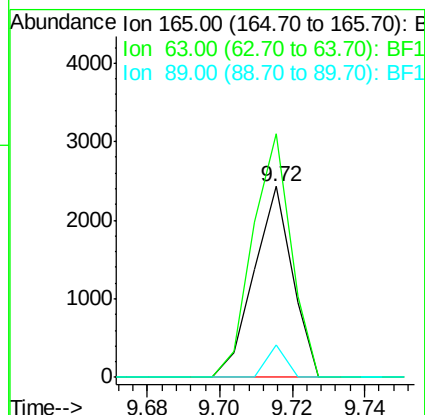
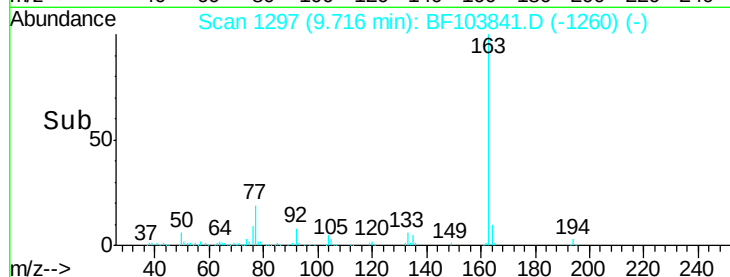
89 17.3 44.0 66.0#



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



#56

2,4-Dinitrotoluene

Concen: 6.476 ng

RT: 10.27 min Scan# 1392

Delta R.T. 0.07 min

Lab File: BF103841.D

Acq: 22 Mar 2018 10:09

Tgt Ion:165 Resp: 1702

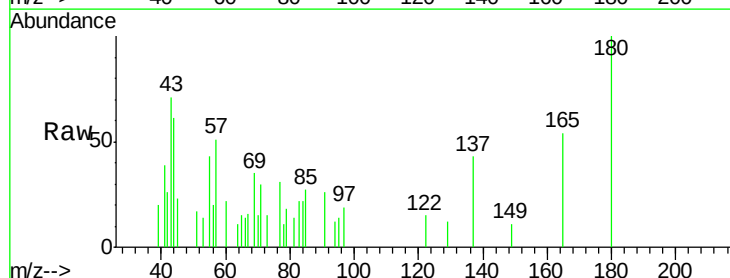
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 0.0 57.8 86.6#

182 0.0 1.6 2.4#

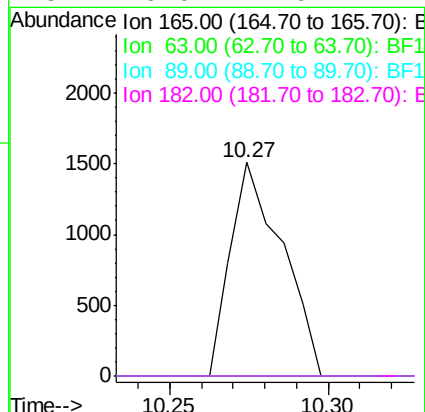
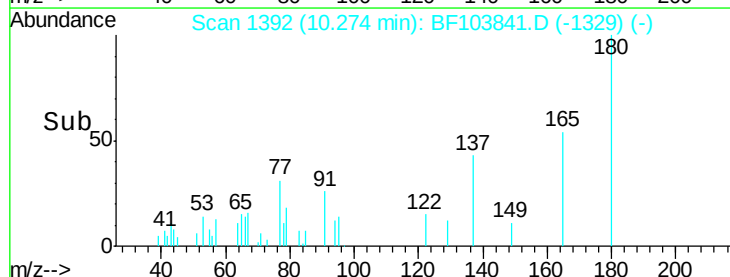


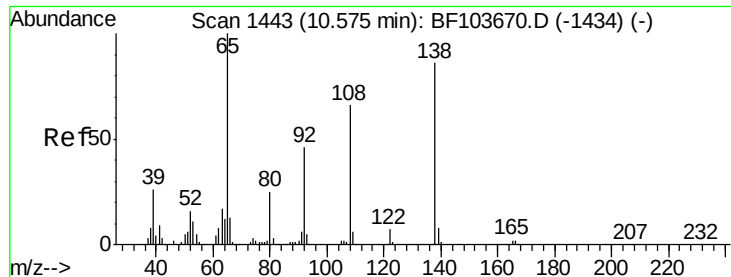
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

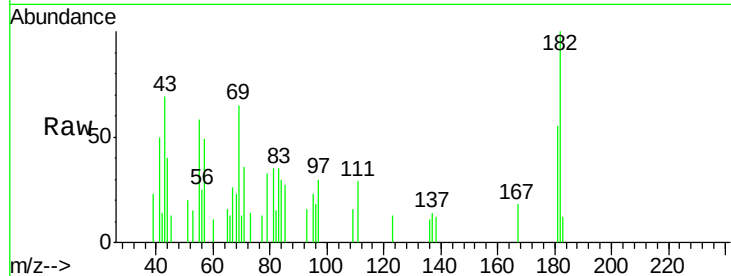
Ion 182.00 (181.70 to 182.70): E



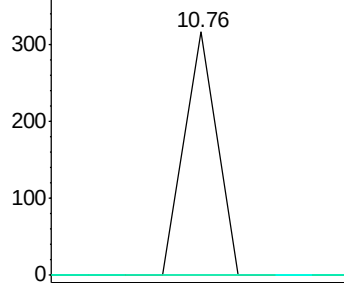


#61
4-Nitroaniline
Concen: 3.769 ng
RT: 10.76 min Scan# 1474
Delta R.T. 0.17 min
Lab File: BF103841.D
Acq: 22 Mar 2018 10:09

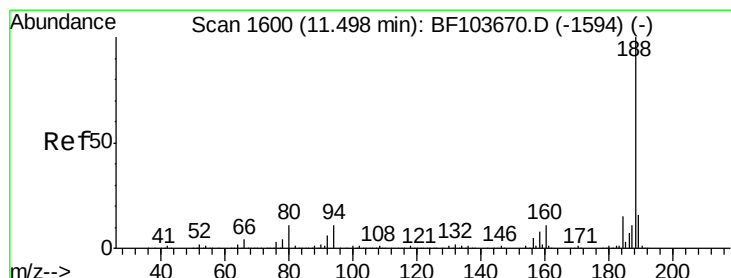
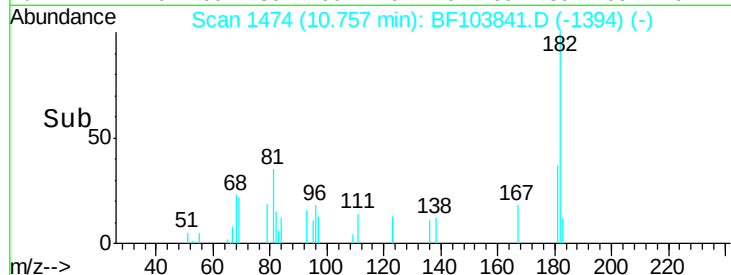
Tot Ion:138 Resp: 112
Ion Ratio Lower Upper
138 100
92 0.0 30.2 70.2#
108 0.0 52.5 92.5#



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

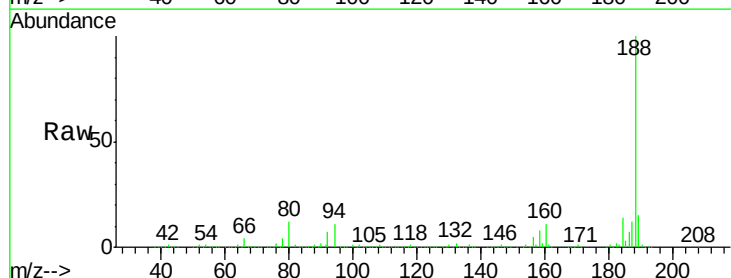


Time-->

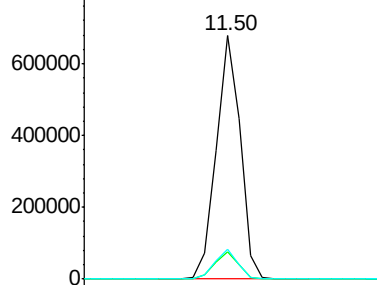


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF103841.D
Acq: 22 Mar 2018 10:09

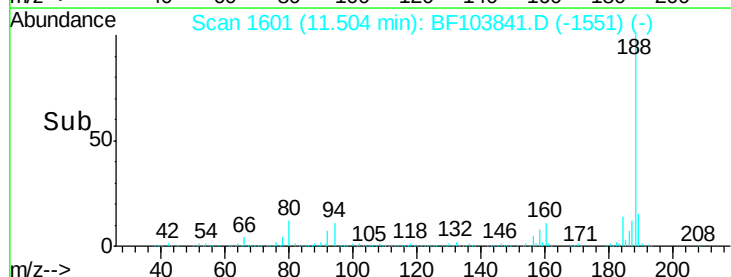
Tgt Ion:188 Resp: 577016
Ion Ratio Lower Upper
188 100
94 11.4 8.5 12.7
80 12.3 9.2 13.8

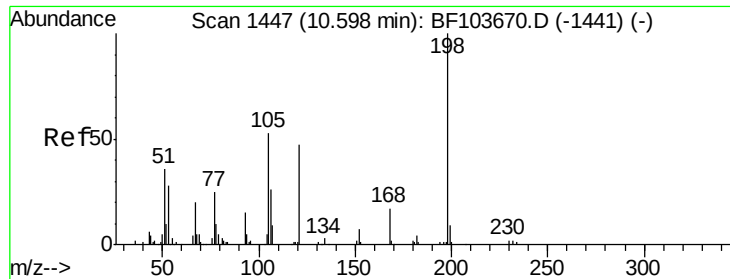


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1



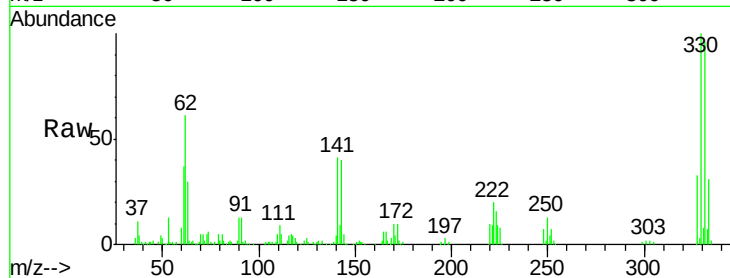
Time-->



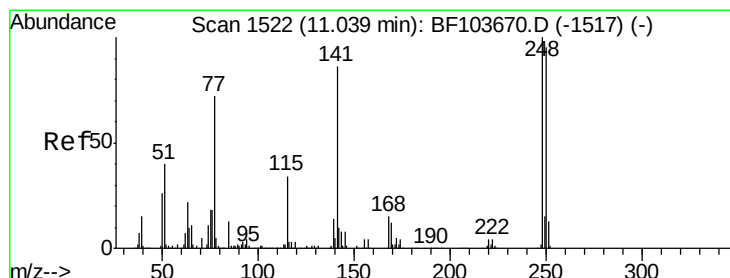
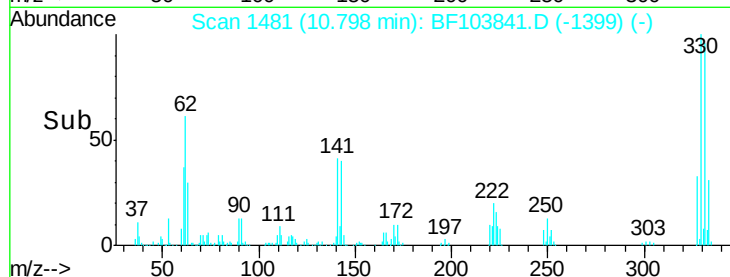
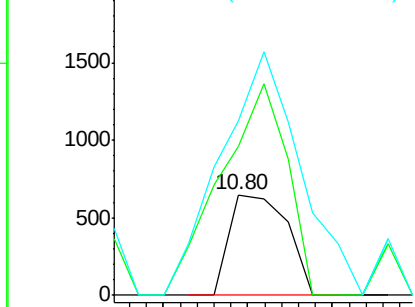


#64
4,6-Dinitro-2-methylphenol
Concen: 8.435 ng
RT: 10.80 min Scan# 1481
Delta R.T. 0.18 min
Lab File: BF103841.D
Acq: 22 Mar 2018 10:09

Tot Ion	Ratio	Lower	Upper
198	100		
51	148.4	37.7	77.7#
105	174.3	36.3	76.3#

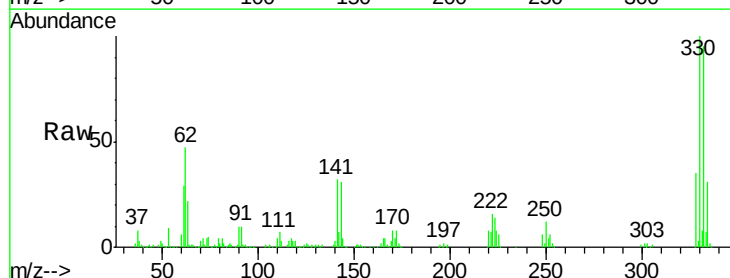


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

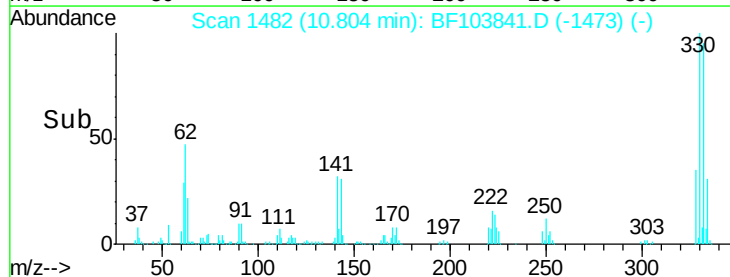
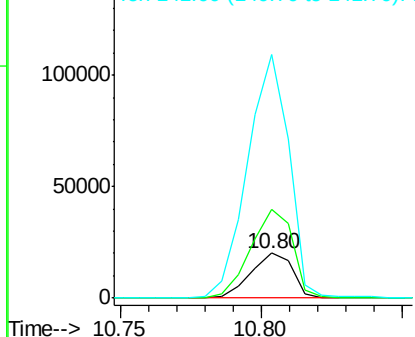


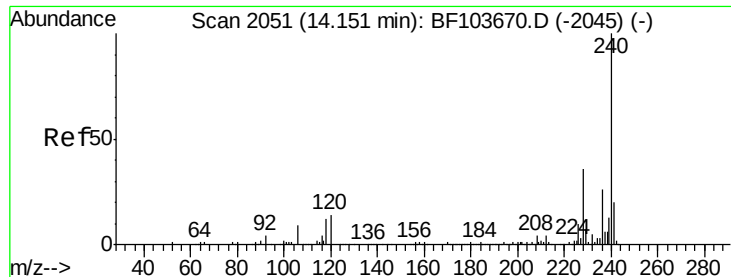
#66
4-Bromophenyl-phenylether
Concen: 3.491 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.25 min
Lab File: BF103841.D
Acq: 22 Mar 2018 10:09

Tgt Ion	Ratio	Lower	Upper
248	100		
250	198.9	76.9	115.3#
141	545.7	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: 14.16 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BF103841.D

Acq: 22 Mar 2018 10:09

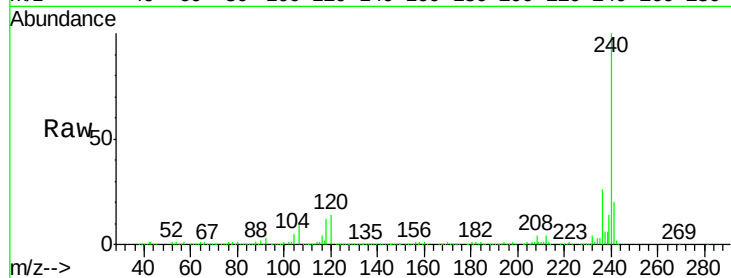
Tot Ion:240 Resp: 554581

Ion Ratio Lower Upper

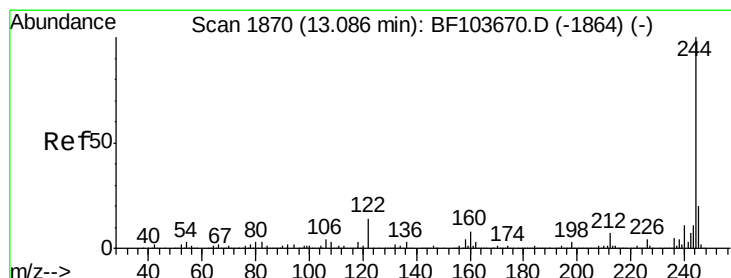
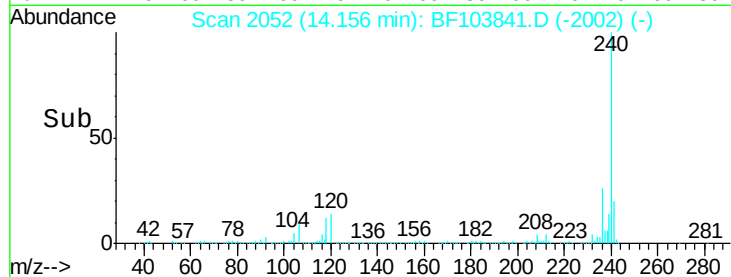
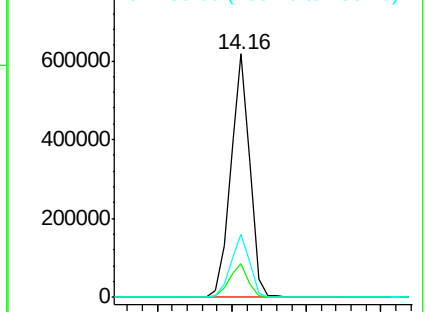
240 100

120 13.6 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



#78

Terphenyl-d14

Concen: 62.035 ng

RT: 13.10 min Scan# 1872

Delta R.T. -0.00 min

Lab File: BF103841.D

Acq: 22 Mar 2018 10:09

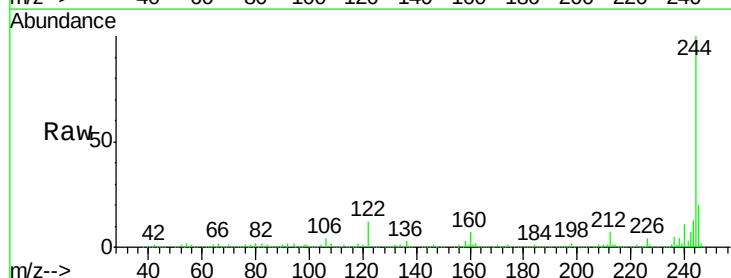
Tgt Ion:244 Resp: 1482174

Ion Ratio Lower Upper

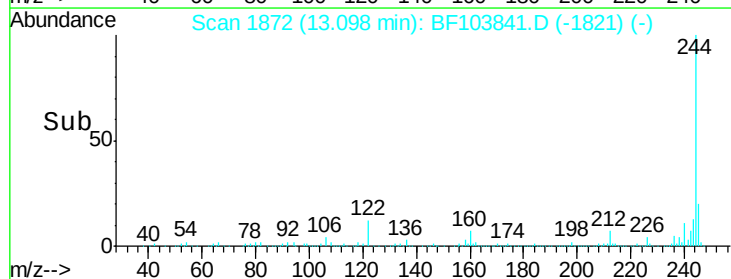
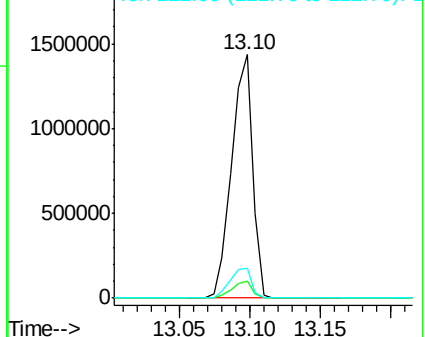
244 100

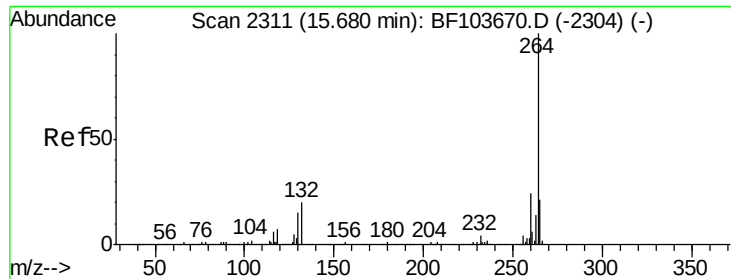
212 6.9 5.4 8.0

122 12.0 11.0 16.4



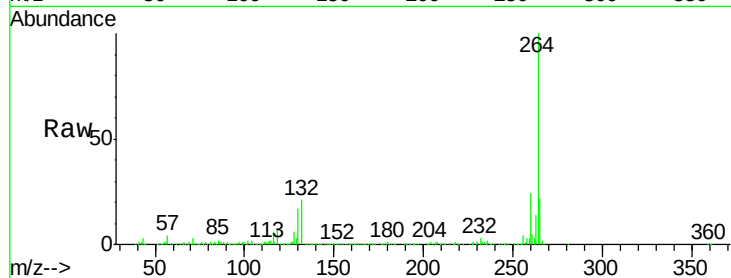
Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2314
Delta R.T. -0.00 min
Lab File: BF103841.D
Acq: 22 Mar 2018 10:09

Tot	Ion:264	Resp:	517983
Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.8	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

