

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110817\
 Data File : BF100302.D
 Acq On : 8 Nov 2017 20:04
 Operator : SJ/JU
 Sample : I6311-01 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

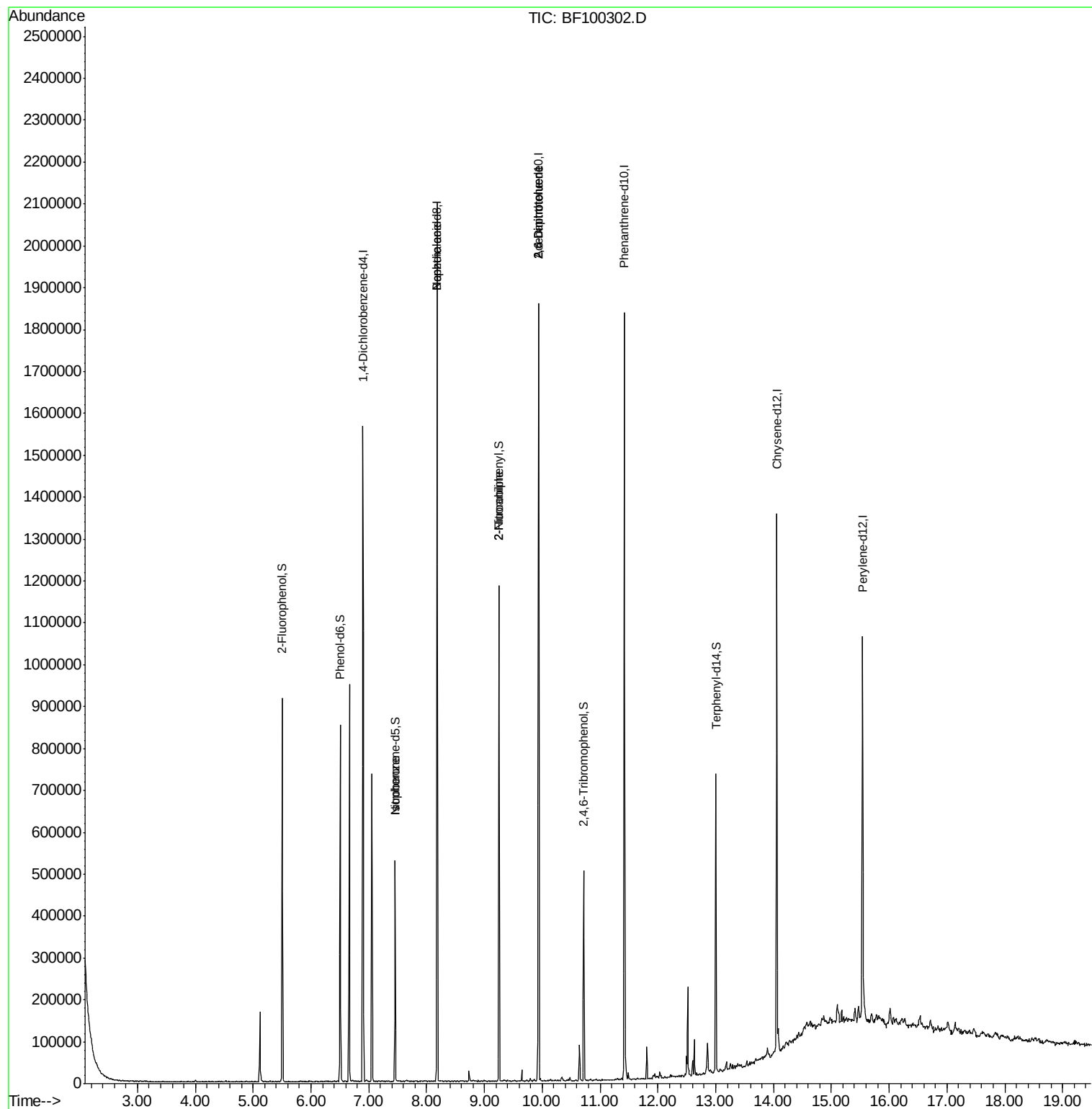
Quant Time: Nov 09 00:12:27 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 08 14:33:31 2017
 Response via : Initial Calibration

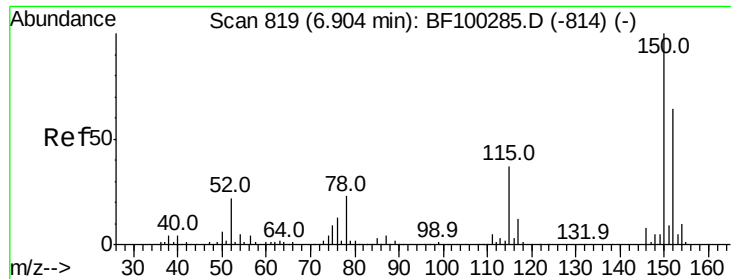
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	219274	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	855004	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	371785	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	608355	20.00	ng	0.00
75) Chrysene-d12	14.06	240	413433	20.00	ng	-0.01
86) Perylene-d12	15.54	264	435721	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	220620	16.13	ng	0.00
7) Phenol-d6	6.51	99	276515	16.39	ng	-0.01
23) Nitrobenzene-d5	7.46	82	153304	11.85	ng	-0.01
41) 2,4,6-Tribromophenol	10.72	330	51665	13.64	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	336683	13.79	ng	-0.01
78) Terphenyl-d14	13.00	244	224048	12.45	ng	0.00
Target Compounds						
25) Isophorone	7.46	82	153300	5.641	ng	# 64
32) Benzoic acid	8.18	122	120	9.381	ng	# 1
47) 2-Nitroaniline	9.25	65	518	2.855	ng	# 1
50) 2,6-Dinitrotoluene	9.93	165	47727	8.494	ng	# 25
56) 2,4-Dinitrotoluene	9.93	165	47727	6.733	ng	# 23

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

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110817\
Data File : BF100302.D
Acq On : 8 Nov 2017 20:04
Operator : SJ/JU
Sample : I6311-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 09 00:12:27 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 08 14:33:31 2017
Response via : Initial Calibration

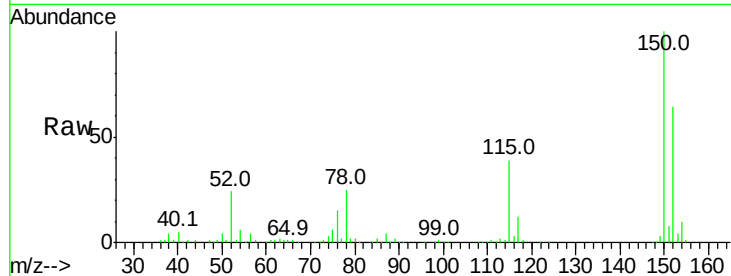




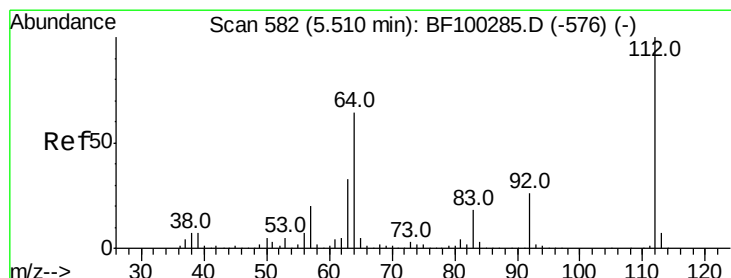
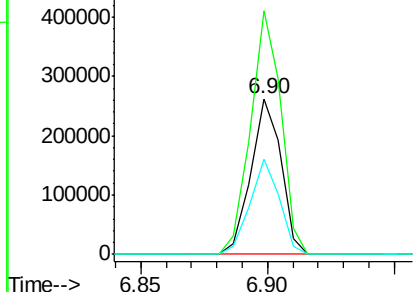
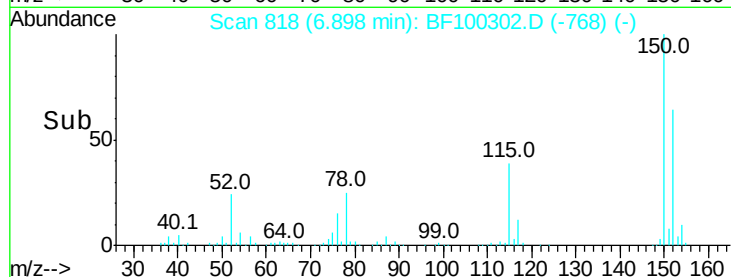
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF100302.D
Acq: 8 Nov 2017 20:04

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.6	186.8
115	61.4	50.1	75.1



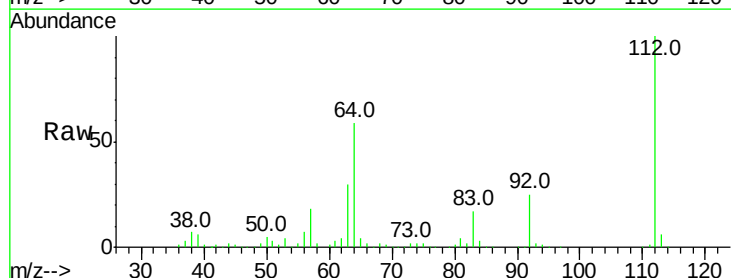
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



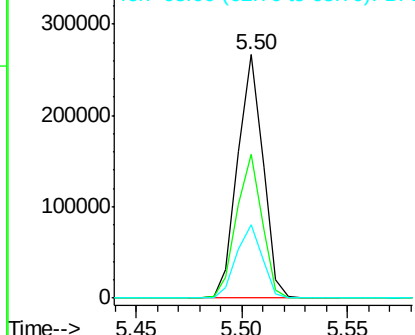
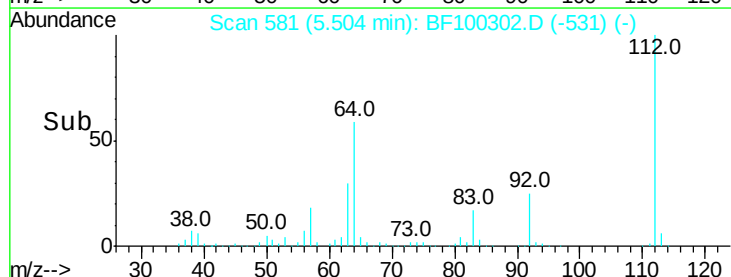
#5

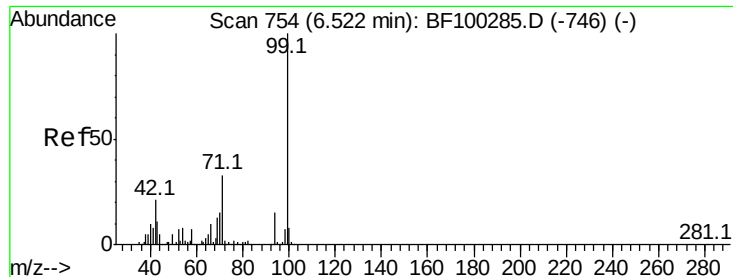
2-Fluorophenol
Concen: 16.128 ng
RT: 5.50 min Scan# 581
Delta R.T. -0.01 min
Lab File: BF100302.D
Acq: 8 Nov 2017 20:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.8	47.9	71.9
63	30.1	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 16.393 ng

RT: 6.51 min Scan# 752

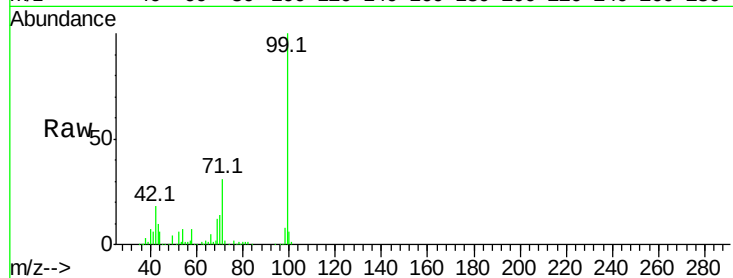
Delta R.T. -0.01 min

Lab File: BF100302.D

Acq: 8 Nov 2017 20:04

Tot Ion: 99 Resp: 276515

Ion	Ratio	Lower	Upper
99	100		
42	17.8	14.5	21.7
71	30.8	25.4	38.0

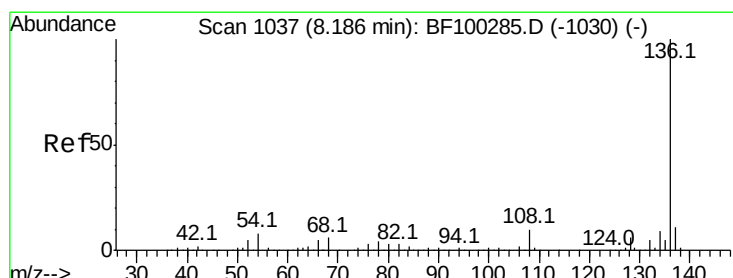
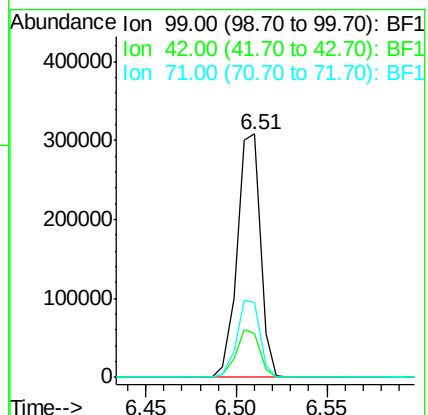
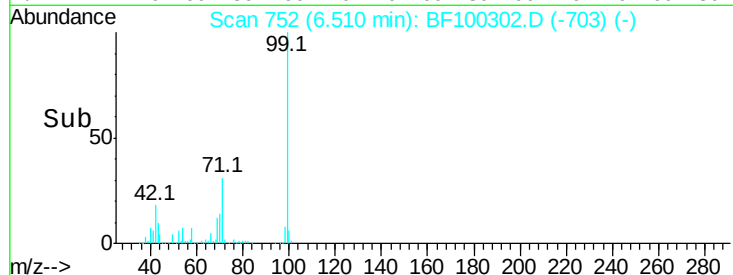


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1036

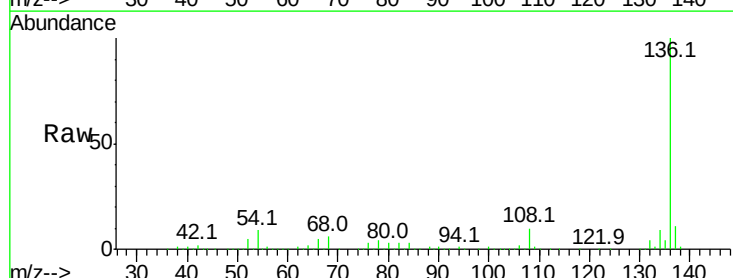
Delta R.T. -0.01 min

Lab File: BF100302.D

Acq: 8 Nov 2017 20:04

Tgt Ion: 136 Resp: 855004

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	9.3	6.6	9.8
68	6.0	5.0	7.4



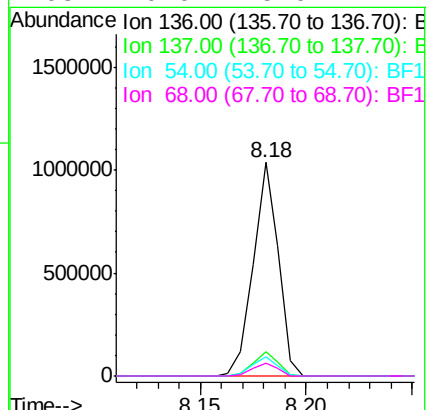
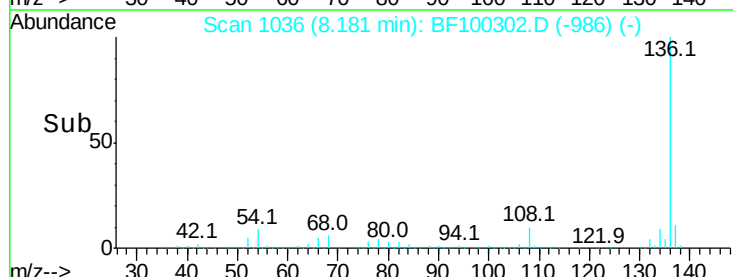
Abundance

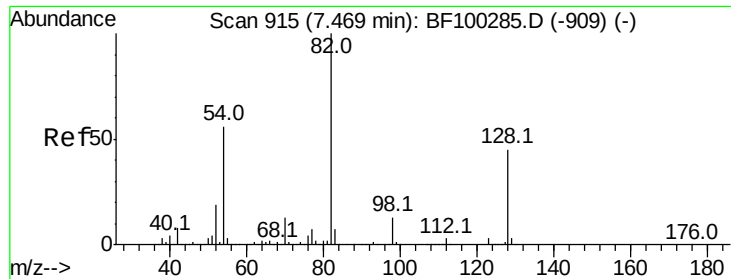
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

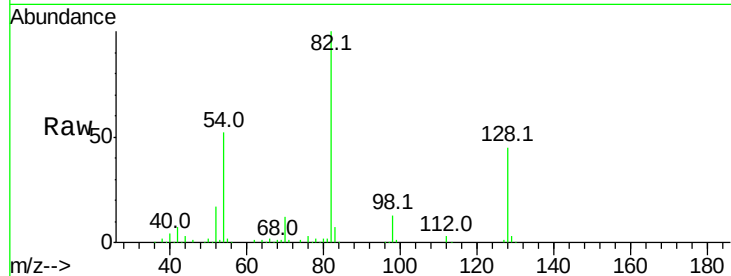
Ion 68.00 (67.70 to 68.70): BF1



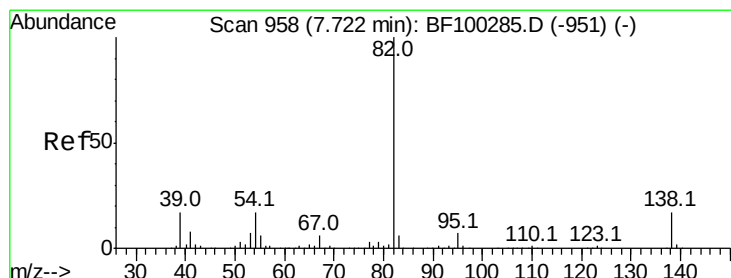
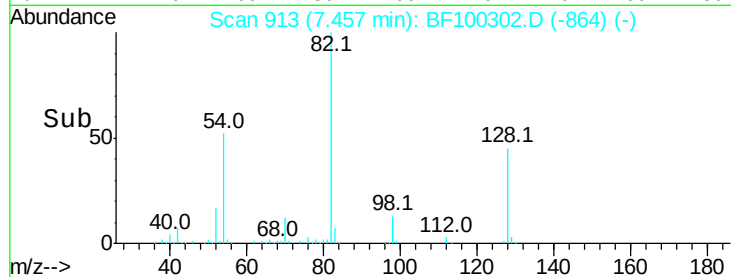
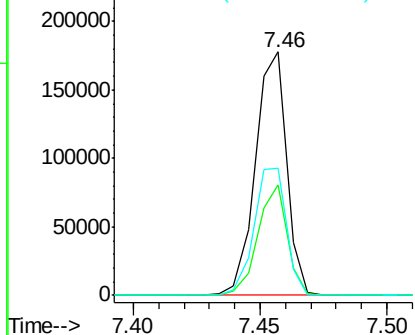


#23
 Nitrobenzene-d5
 Concen: 11.854 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: BF100302.D
 Acq: 8 Nov 2017 20:04

Tot Ion	82	Resp	153304
Ion Ratio	100		
Lower	36.1		
Upper	54.1		
54	52.4	41.4	62.2

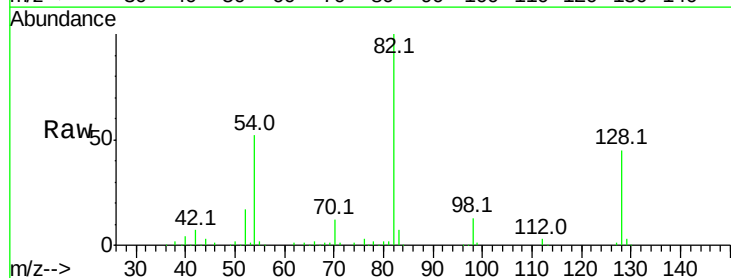


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

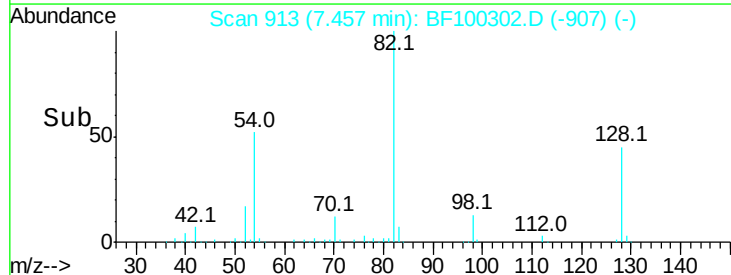
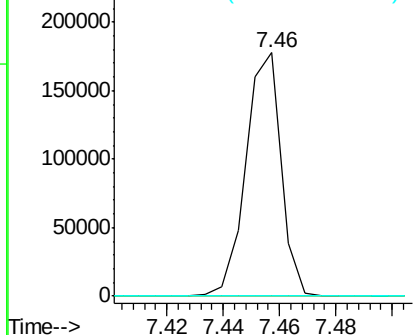


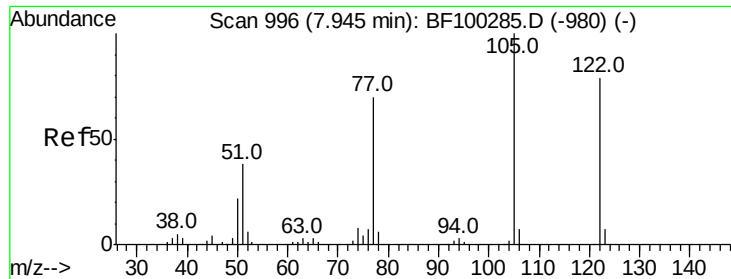
#25
 Isophorone
 Concen: 5.641 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.26 min
 Lab File: BF100302.D
 Acq: 8 Nov 2017 20:04

Tgt Ion	82	Resp	153300
Ion Ratio	100		
Lower	5.2		
Upper	7.8#		
95	0.0	14.9	22.3#
138	0.0		



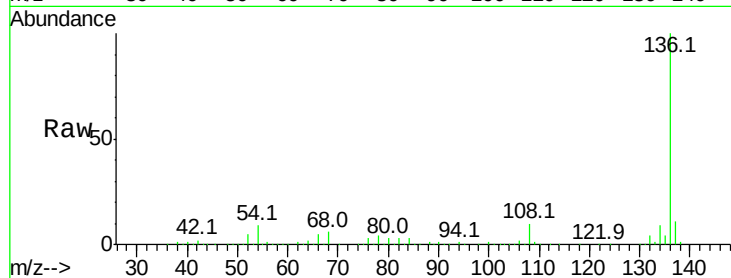
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 138.00 (137.70 to 138.70): BF1



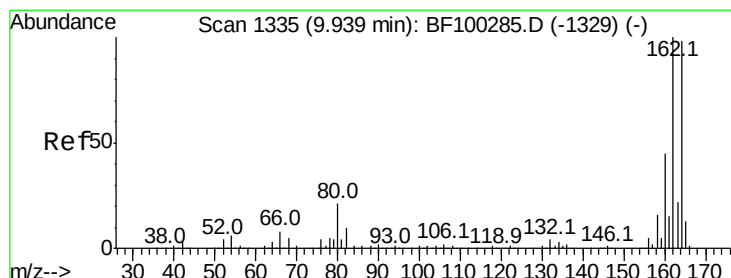
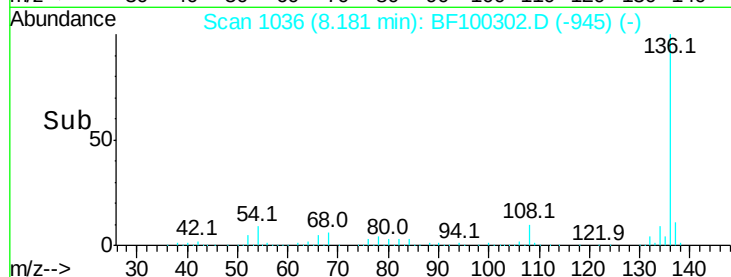
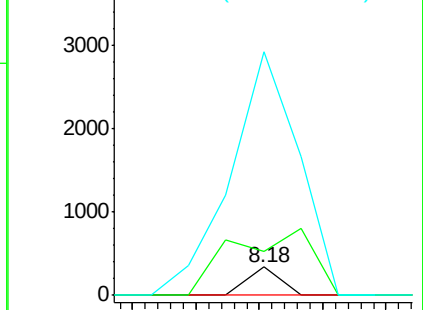


#32
Benzoic acid
Concen: 9.381 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.24 min
Lab File: BF100302.D
Acq: 8 Nov 2017 20:04

Tot Ion:122 Resp: 120
Ion Ratio Lower Upper
122 100
105 156.9 101.1 141.1#
77 863.1 70.7 110.7#

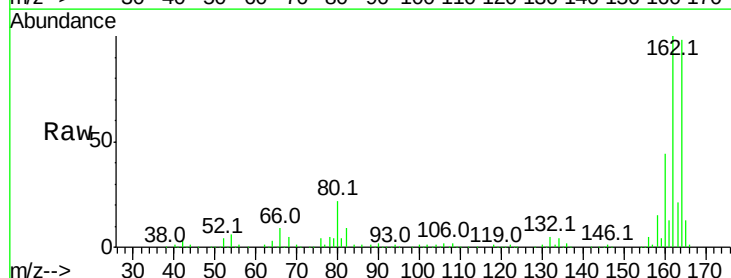


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

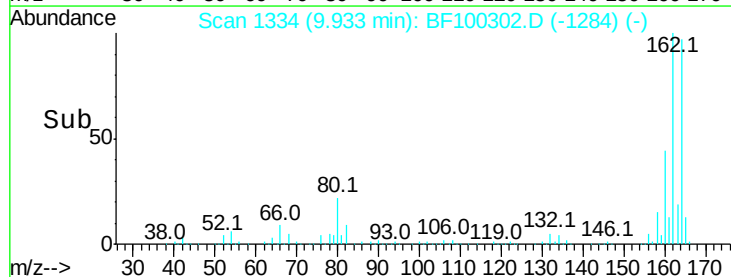
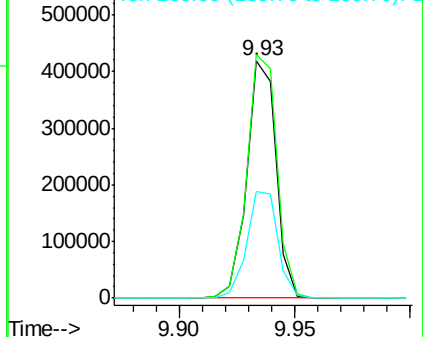


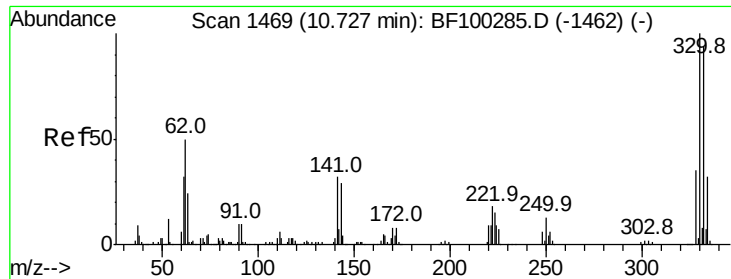
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF100302.D
Acq: 8 Nov 2017 20:04

Tgt Ion:164 Resp: 371785
Ion Ratio Lower Upper
164 100
162 102.4 86.1 129.1
160 45.0 38.3 57.5



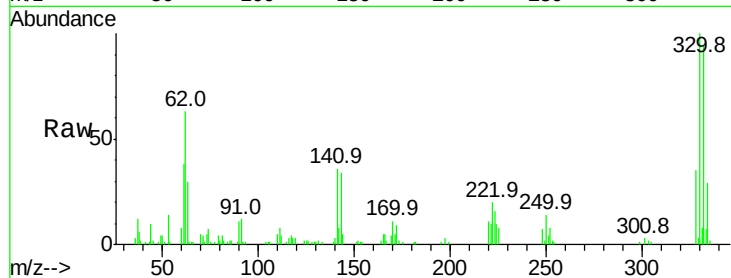
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



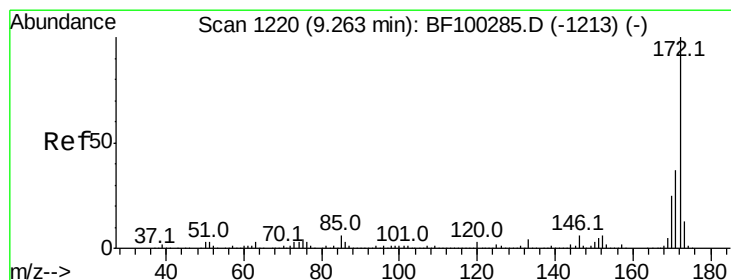
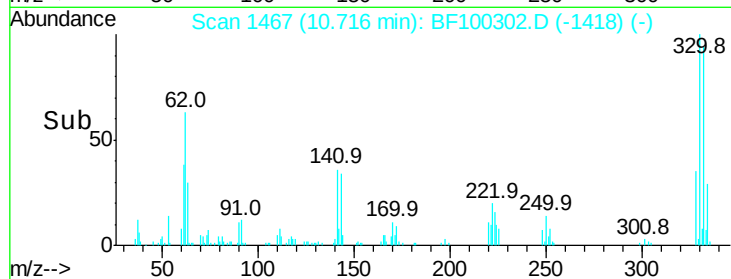
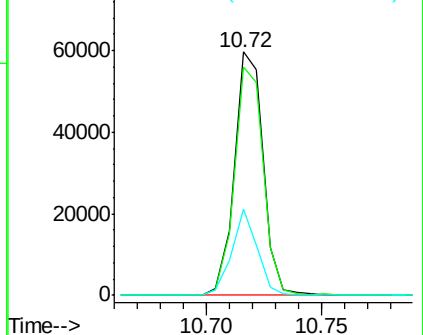


#41
 2,4,6-Tribromophenol
 Concen: 13.637 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF100302.D
 Acq: 8 Nov 2017 20:04

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.4	77.0	115.6
141	31.3	29.9	44.9

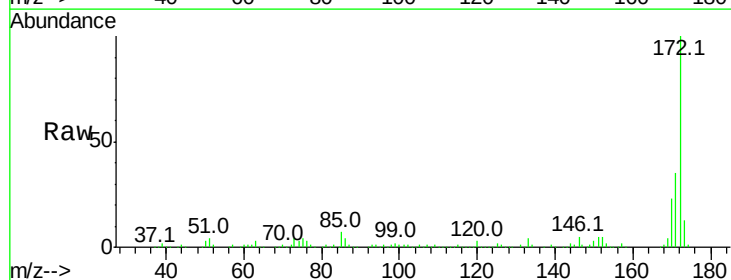


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

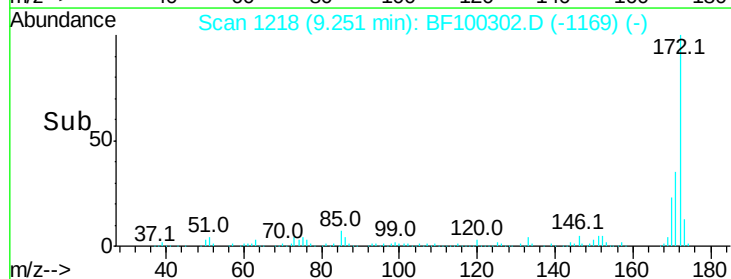
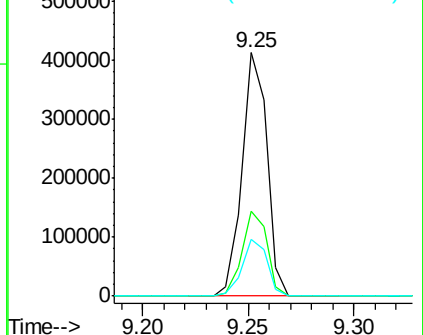


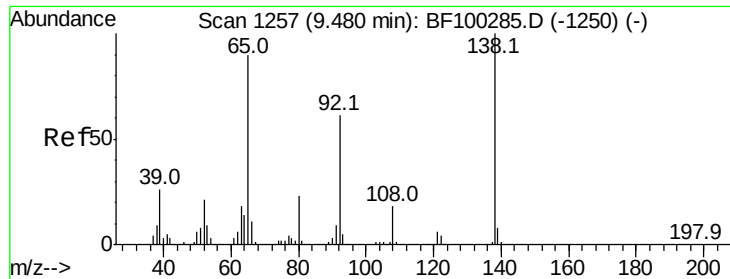
#44
 2-Fluorobiphenyl
 Concen: 13.789 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF100302.D
 Acq: 8 Nov 2017 20:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.7	44.5
170	23.2	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: 2.855 ng

RT: 9.25 min Scan# 1218

Delta R.T. -0.23 min

Lab File: BF100302.D

Acq: 8 Nov 2017 20:04

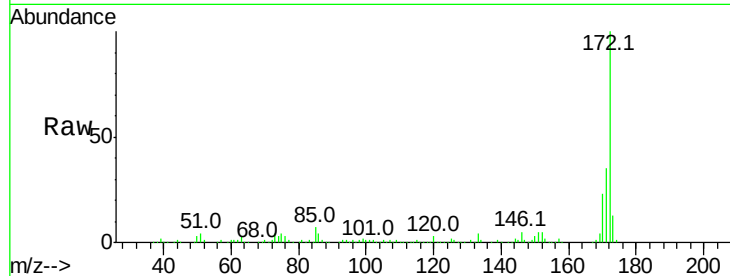
Tot Ion: 65 Resp: 518

Ion Ratio Lower Upper

65 100

92 153.9 55.8 83.6#

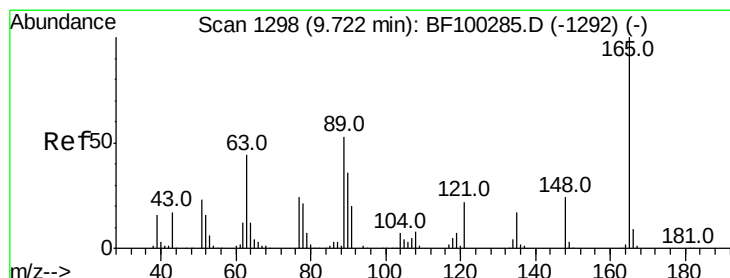
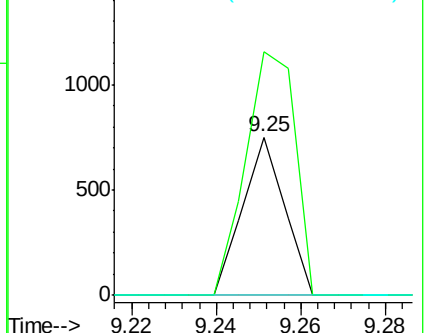
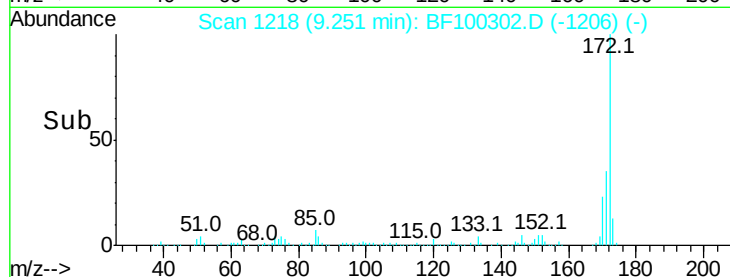
138 0.0 91.2 136.8#



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



#50

2,6-Dinitrotoluene

Concen: 8.494 ng

RT: 9.93 min Scan# 1334

Delta R.T. 0.21 min

Lab File: BF100302.D

Acq: 8 Nov 2017 20:04

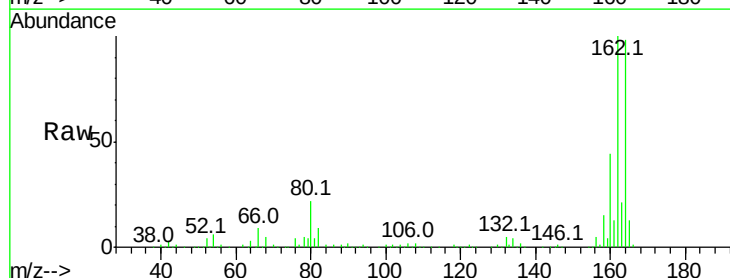
Tgt Ion: 165 Resp: 47727

Ion Ratio Lower Upper

165 100

63 1.2 44.7 67.1#

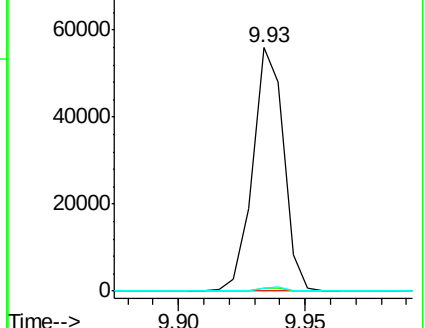
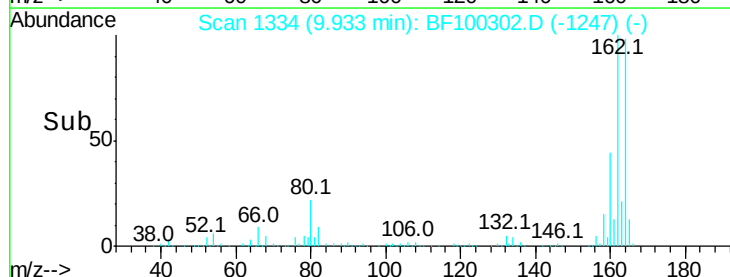
89 1.5 44.0 66.0#

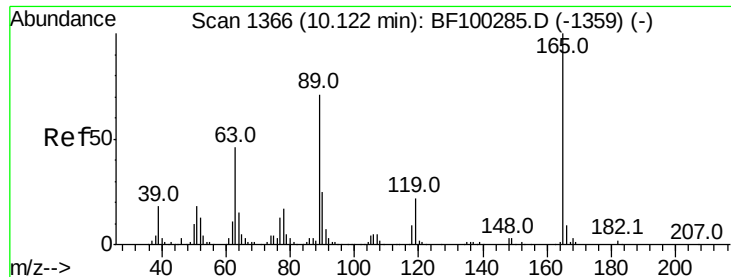


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

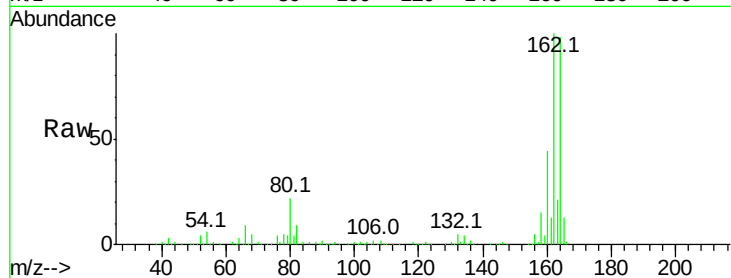
Ion 89.00 (88.70 to 89.70): BF1





#56
 2,4-Dinitrotoluene
 Concen: 6.733 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.19 min
 Lab File: BF100302.D
 Acq: 8 Nov 2017 20:04

Tot Ion:	165	Resp:	47727
Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#

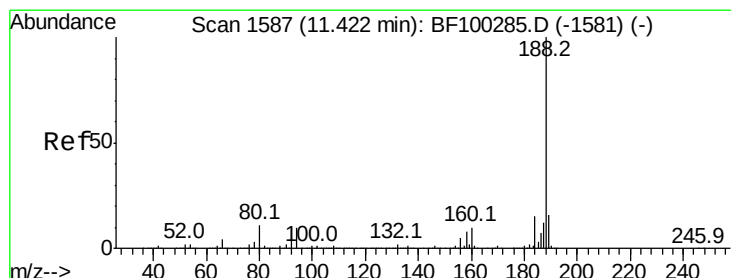
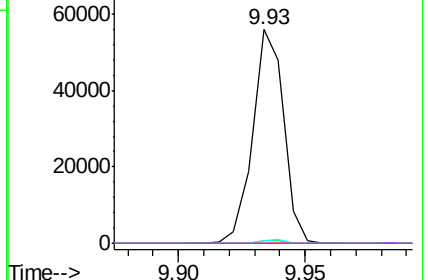
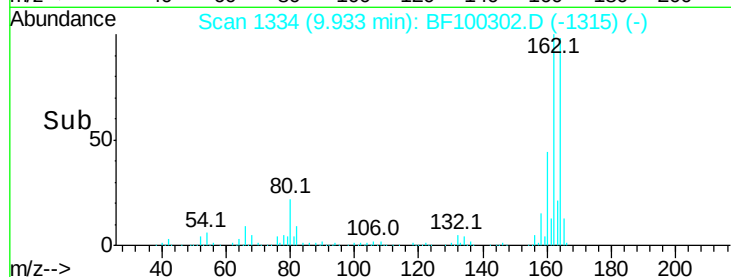


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

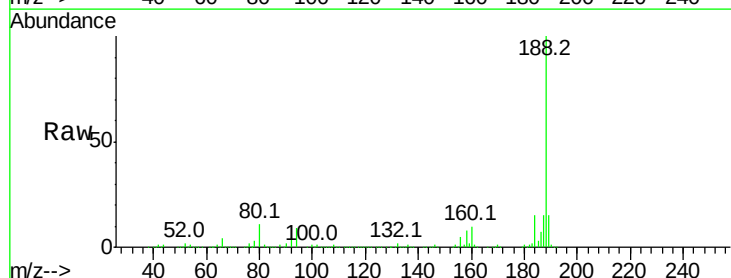
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. 0.00 min
 Lab File: BF100302.D
 Acq: 8 Nov 2017 20:04

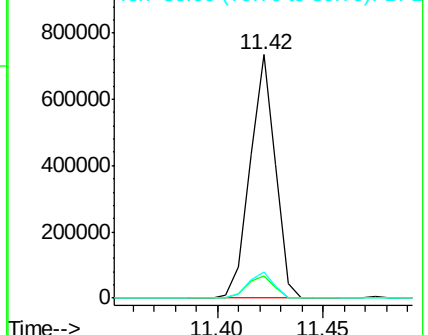
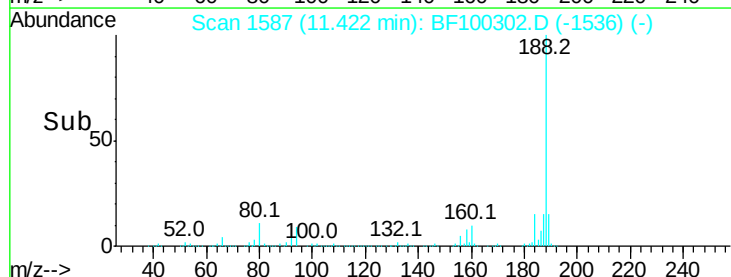
Tgt Ion:	188	Resp:	608355
Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.5	12.7
80	10.9	9.2	13.8

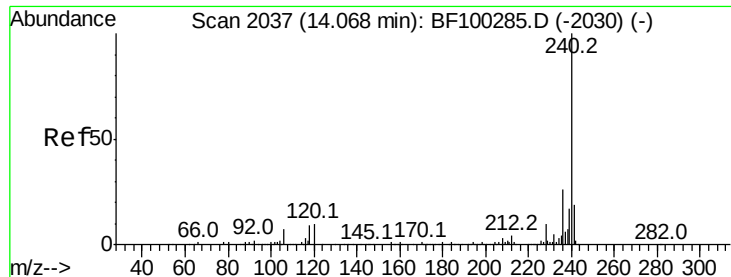


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF100302.D

Acq: 8 Nov 2017 20:04

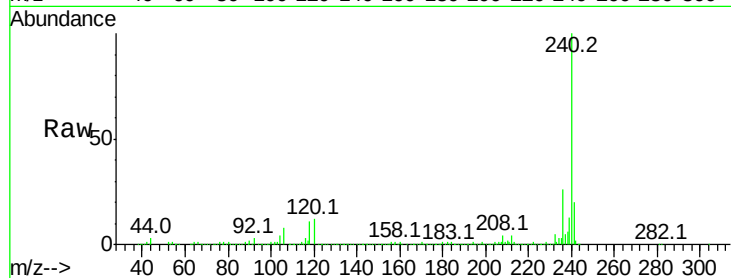
Tot Ion:240 Resp: 413433

Ion Ratio Lower Upper

240 100

120 12.1 9.5 14.3

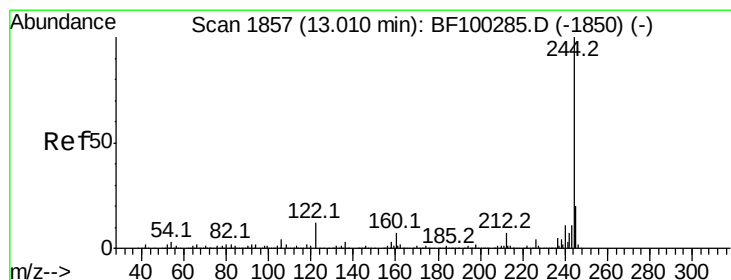
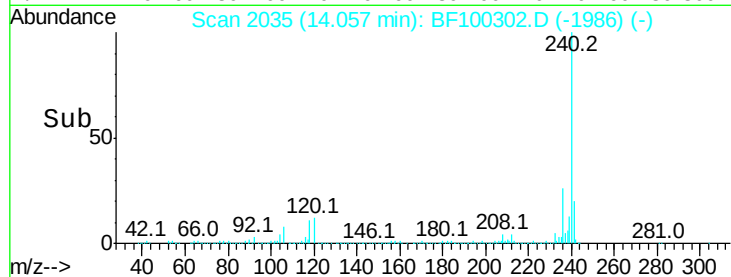
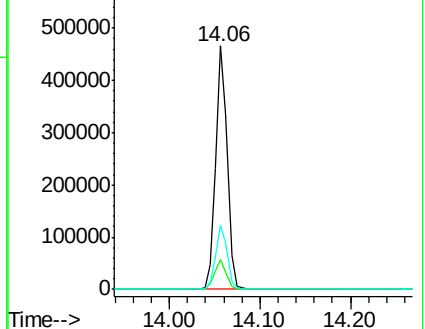
236 26.4 20.7 31.1



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: 12.452 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BF100302.D

Acq: 8 Nov 2017 20:04

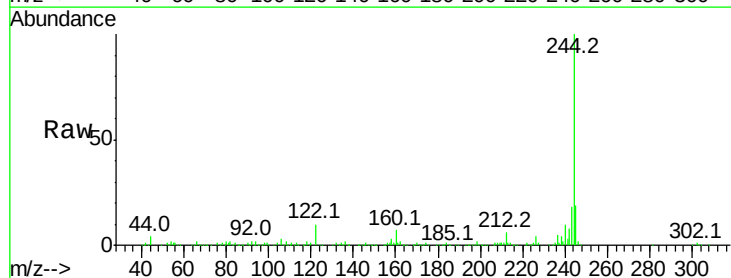
Tgt Ion:244 Resp: 224048

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

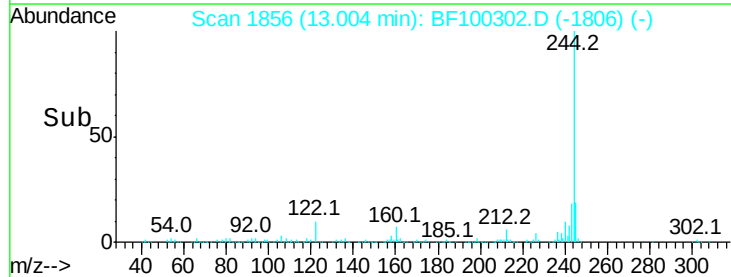
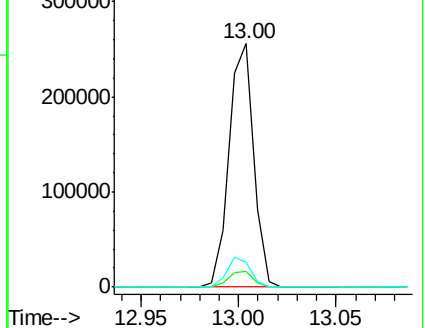
122 10.1 11.0 16.4#

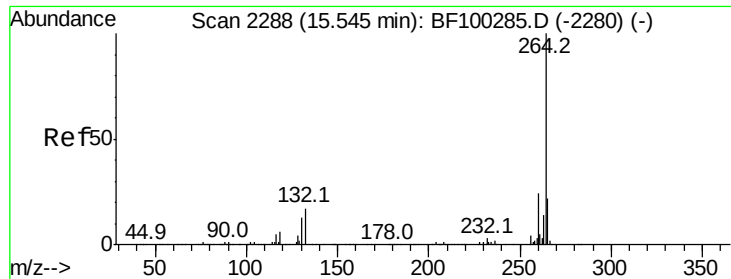


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

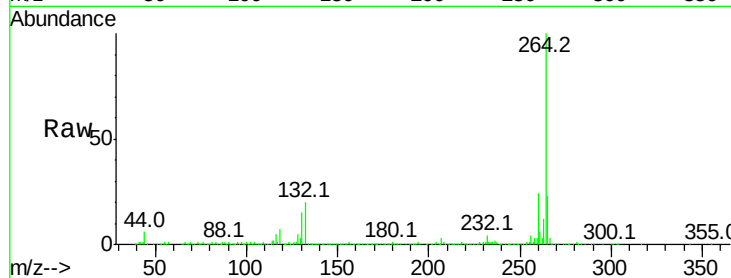
Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BF100302.D
Acq: 8 Nov 2017 20:04

Tot Ion:	264	Resp:	435721
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.8	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

