

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110817\
 Data File : BF100306.D
 Acq On : 8 Nov 2017 21:52
 Operator : SJ/JU
 Sample : I6354-01 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

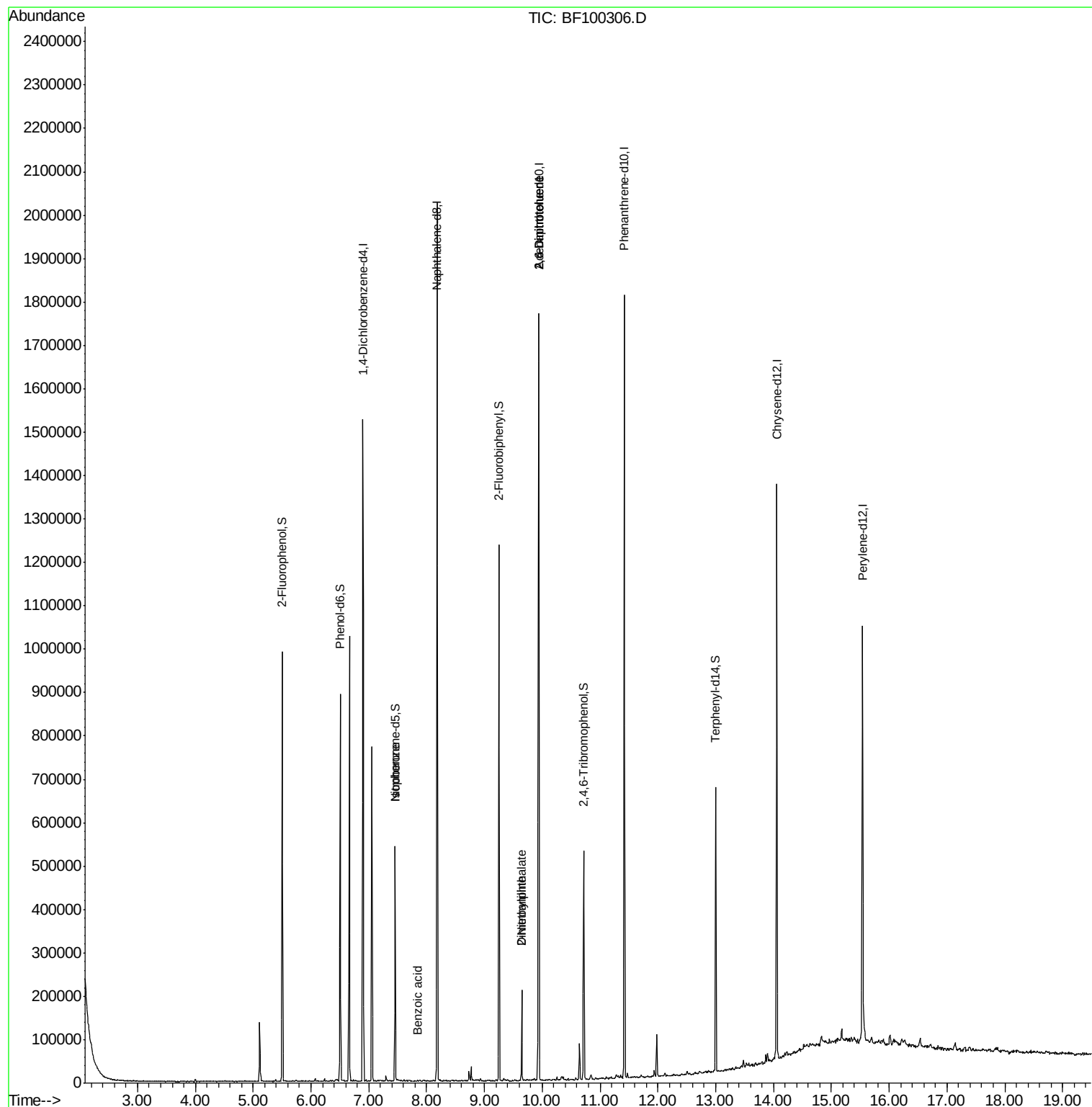
Quant Time: Nov 09 00:14:06 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 08 14:33:31 2017
 Response via : Initial Calibration

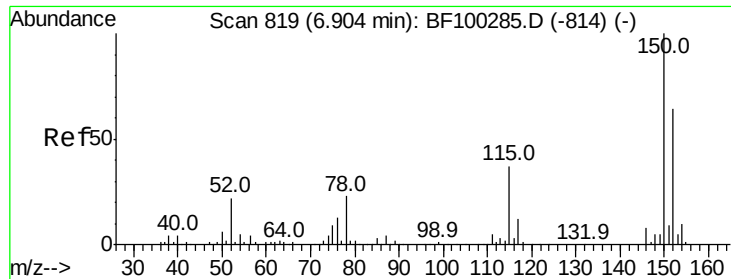
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	208391	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	802569	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	348874	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	574788	20.00	ng	0.00
75) Chrysene-d12	14.06	240	418557	20.00	ng	-0.01
86) Perylene-d12	15.54	264	441347	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	238696	18.36	ng	0.00
7) Phenol-d6	6.51	99	288043	17.97	ng	-0.01
23) Nitrobenzene-d5	7.46	82	159292	13.12	ng	-0.01
41) 2,4,6-Tribromophenol	10.72	330	56182	15.80	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	329834	14.40	ng	-0.01
78) Terphenyl-d14	13.00	244	206274	11.32	ng	-0.01
Target Compounds						
25) Isophorone	7.46	82	159287	6.244	ng	# 64
32) Benzoic acid	7.84	122	116	9.381	ng	# 27
47) 2-Nitroaniline	9.65	65	519	2.859	ng	# 1
49) Dimethylphthalate	9.65	163	69638	2.614	ng	99
50) 2,6-Dinitrotoluene	9.93	165	44557	8.451	ng	# 25
56) 2,4-Dinitrotoluene	9.93	165	44557	6.699	ng	# 23

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

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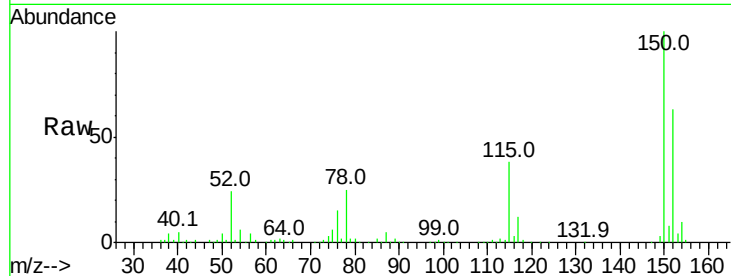




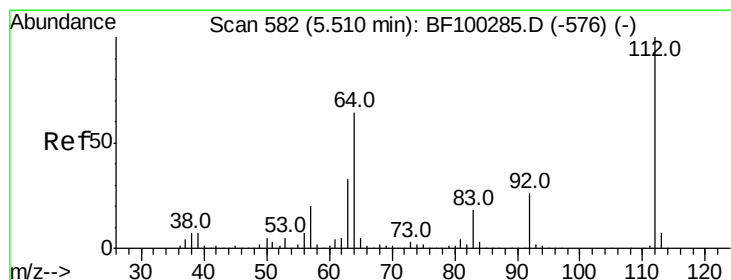
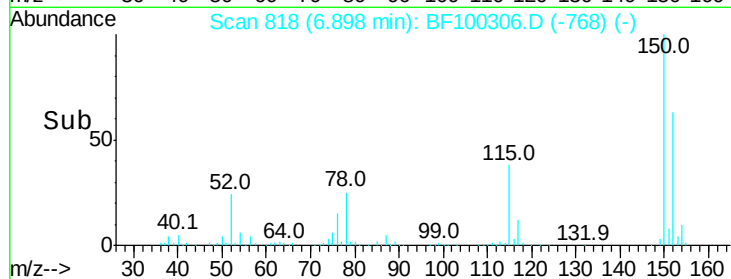
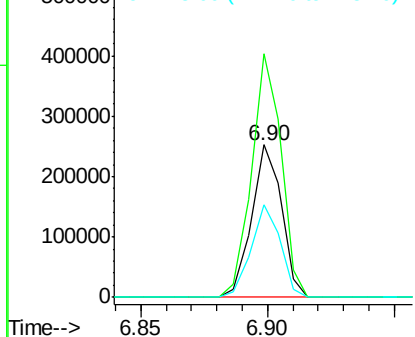
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF100306.D
Acq: 8 Nov 2017 21:52

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.9	124.6	186.8
115	60.5	50.1	75.1



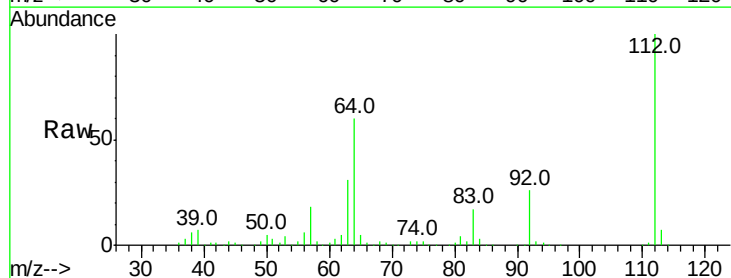
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



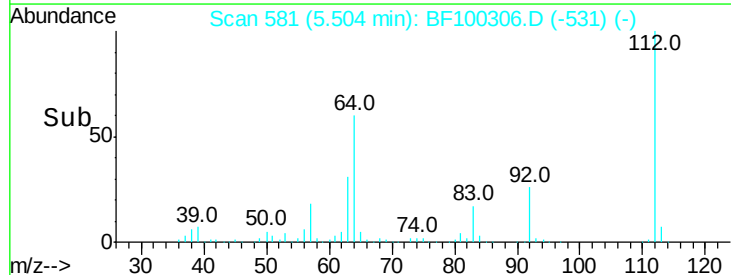
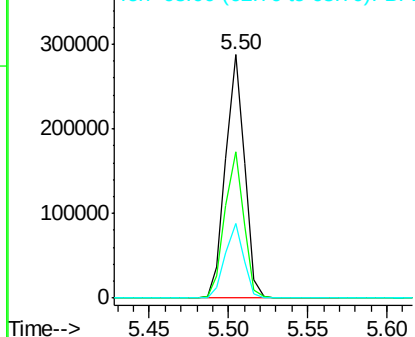
#5

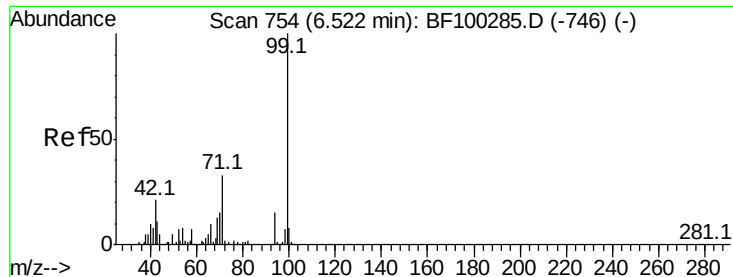
2-Fluorophenol
Concen: 18.361 ng
RT: 5.50 min Scan# 581
Delta R.T. -0.01 min
Lab File: BF100306.D
Acq: 8 Nov 2017 21:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.1	47.9	71.9
63	30.6	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: 17.968 ng

RT: 6.51 min Scan# 752

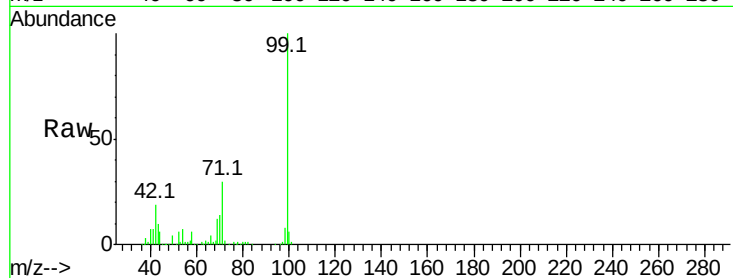
Delta R.T. -0.01 min

Lab File: BF100306.D

Acq: 8 Nov 2017 21:52

Tot Ion: 99 Resp: 288043

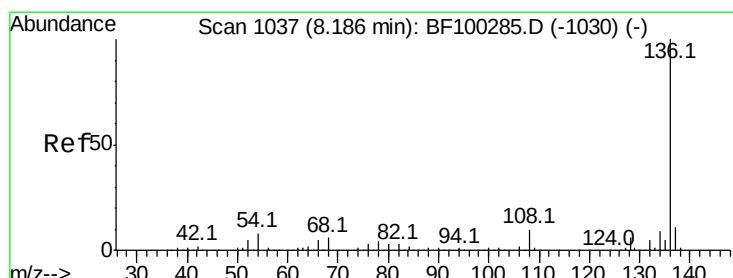
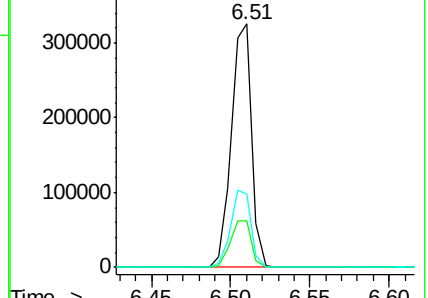
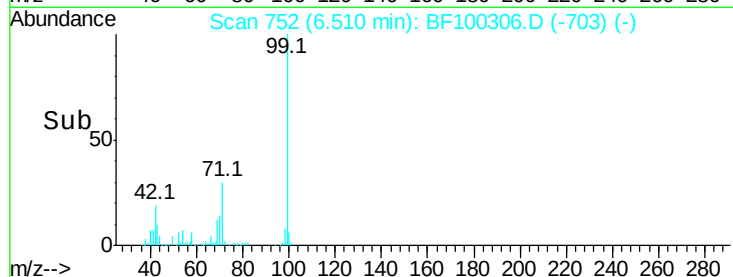
Ion	Ratio	Lower	Upper
99	100		
42	18.9	14.5	21.7
71	30.4	25.4	38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1036

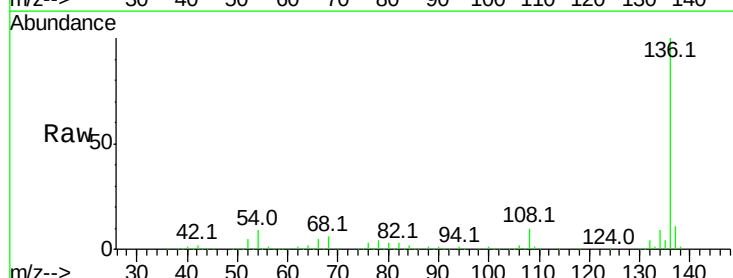
Delta R.T. -0.01 min

Lab File: BF100306.D

Acq: 8 Nov 2017 21:52

Tgt Ion: 136 Resp: 802569

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	9.3	6.6	9.8
68	6.3	5.0	7.4

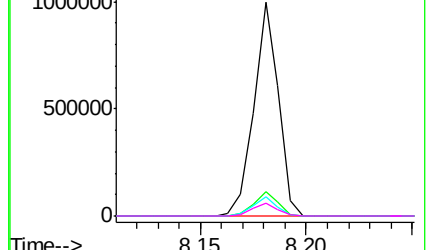
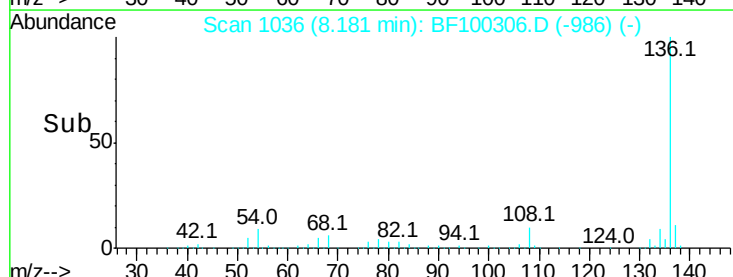


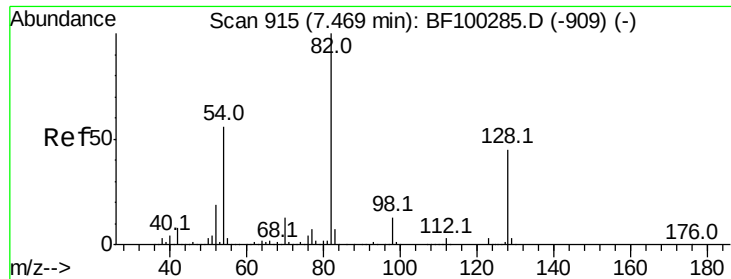
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

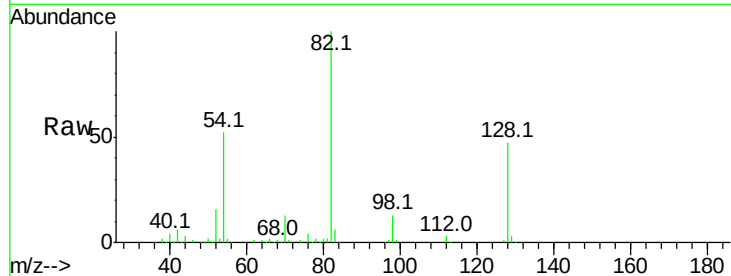
Ion 68.00 (67.70 to 68.70): BF1



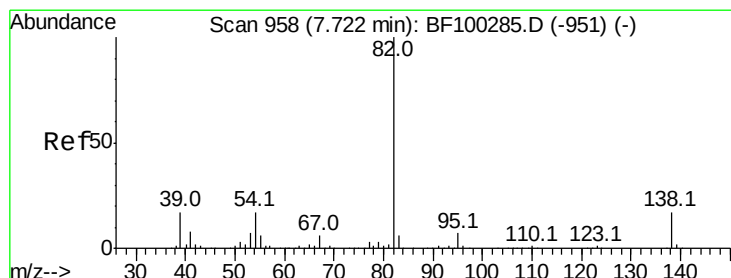
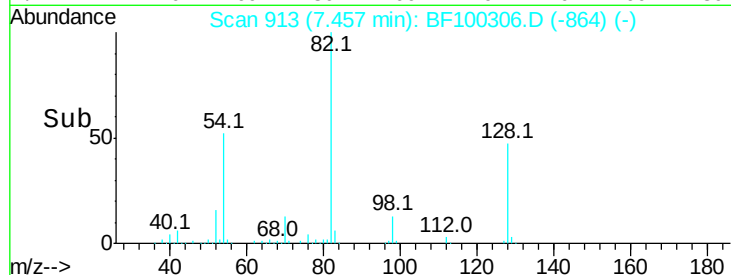
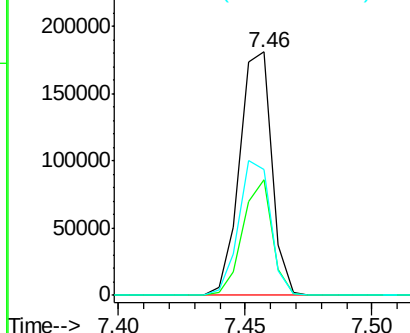


#23
Nitrobenzene-d5
Concen: 13.122 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.01 min
Lab File: BF100306.D
Acq: 8 Nov 2017 21:52

Tot Ion	82	Resp	159292
Ion Ratio	100	Lower	Upper
128	47.4	36.1	54.1
54	51.7	41.4	62.2

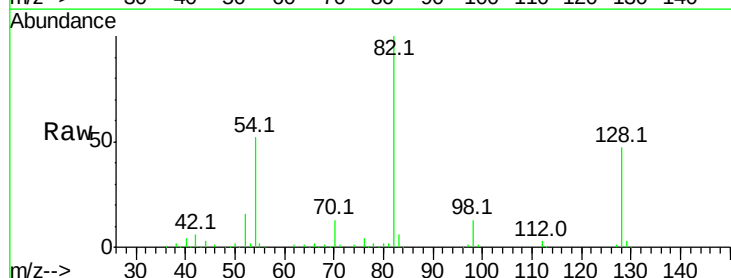


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

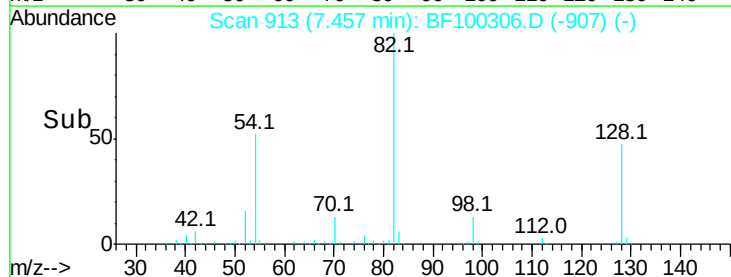
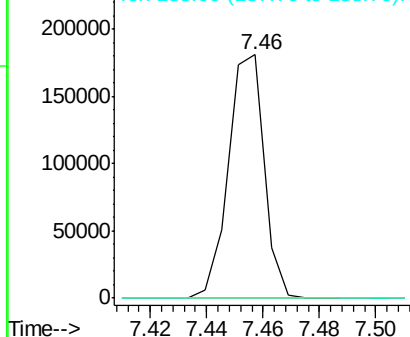


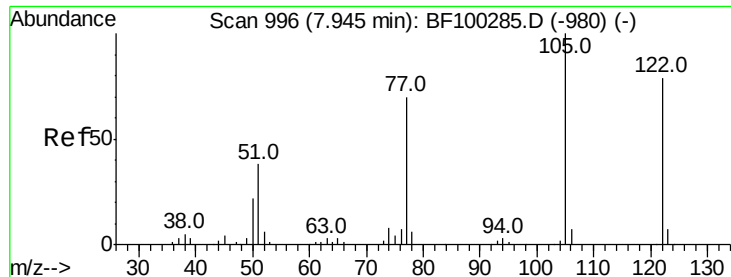
#25
Isophorone
Concen: 6.244 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.26 min
Lab File: BF100306.D
Acq: 8 Nov 2017 21:52

Tgt Ion	82	Resp	159287
Ion Ratio	100	Lower	Upper
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#



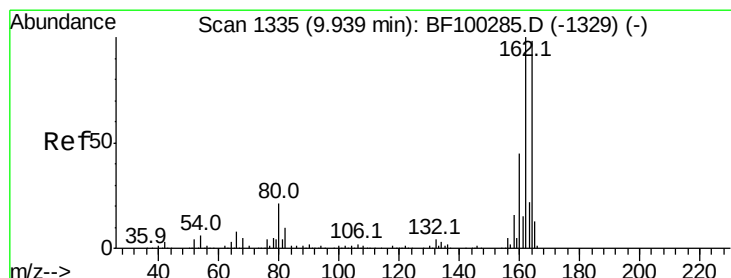
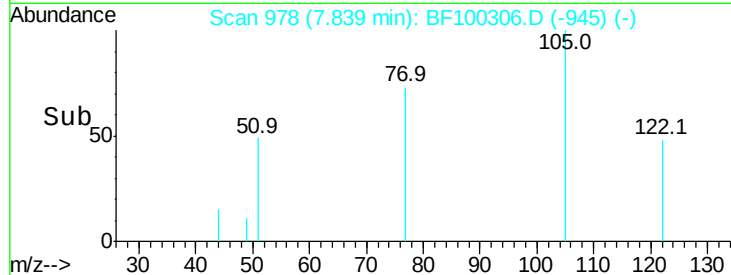
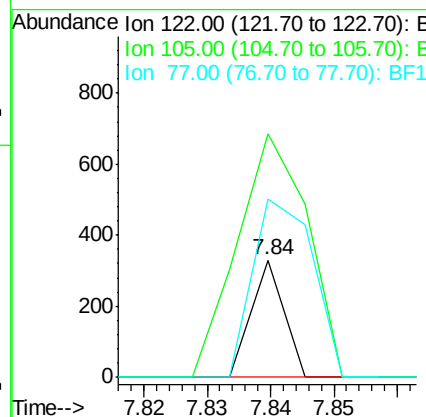
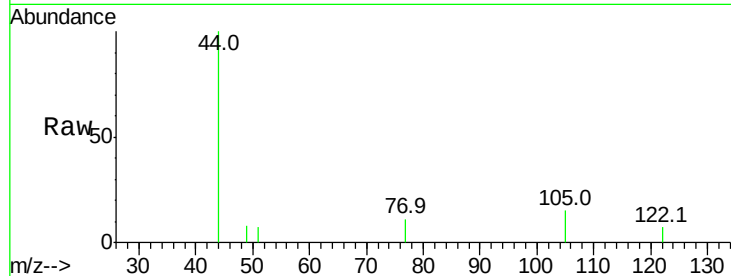
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1





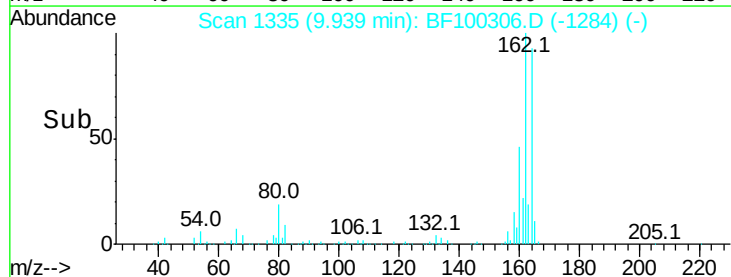
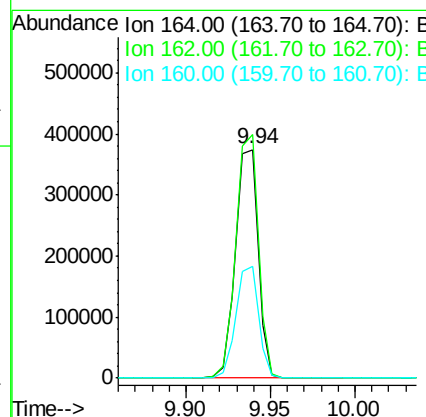
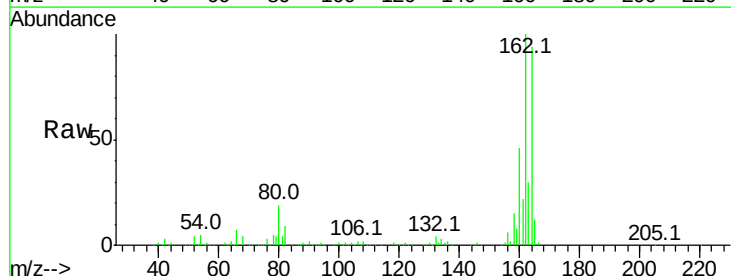
#32
Benzoic acid
Concen: 9.381 ng
RT: 7.84 min Scan# 978
Delta R.T. -0.11 min
Lab File: BF100306.D
Acq: 8 Nov 2017 21:52

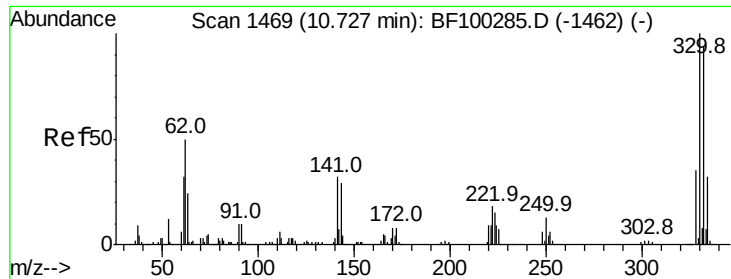
Tot Ion:122 Resp: 116
Ion Ratio Lower Upper
122 100
105 208.5 101.1 141.1#
77 152.6 70.7 110.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BF100306.D
Acq: 8 Nov 2017 21:52

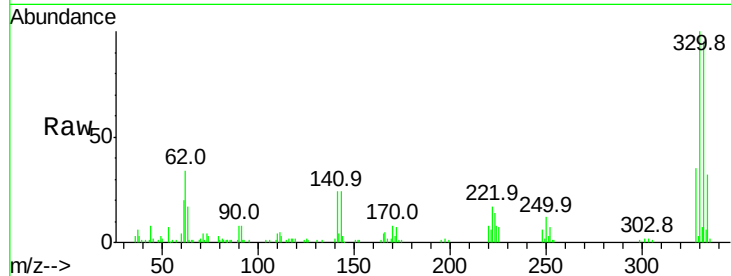
Tgt Ion:164 Resp: 348874
Ion Ratio Lower Upper
164 100
162 106.6 86.1 129.1
160 49.0 38.3 57.5



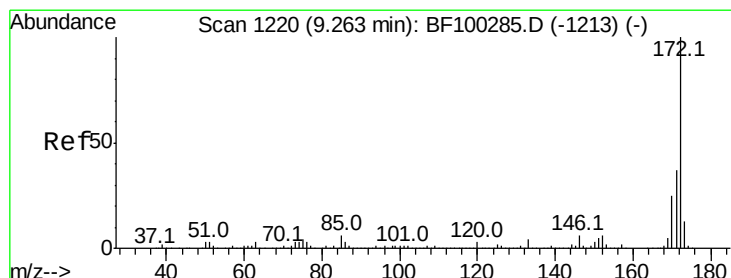
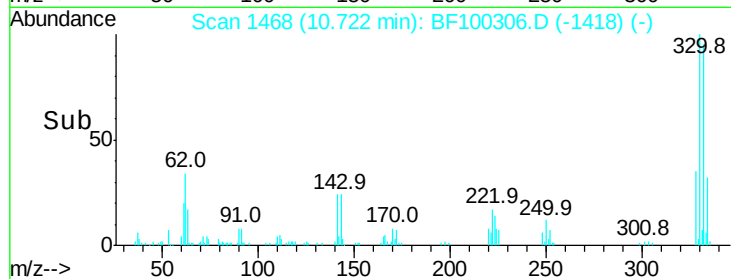
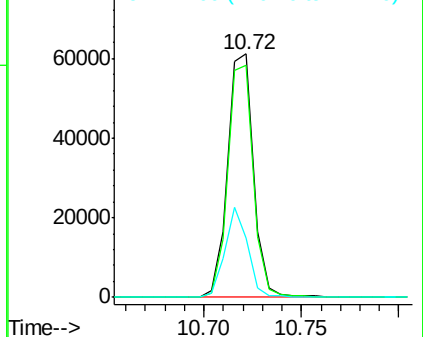


#41
 2,4,6-Tribromophenol
 Concen: 15.804 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. -0.01 min
 Lab File: BF100306.D
 Acq: 8 Nov 2017 21:52

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.0	77.0	115.6
141	32.5	29.9	44.9

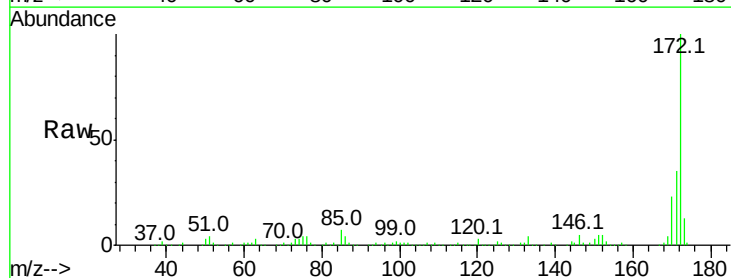


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

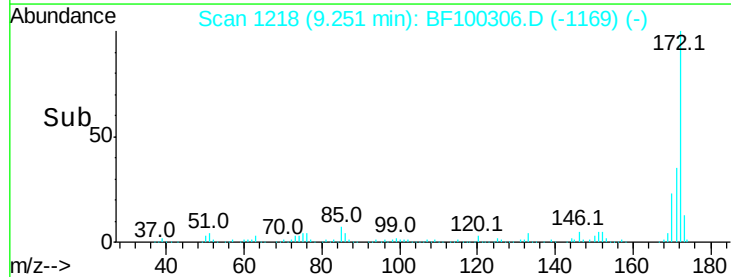
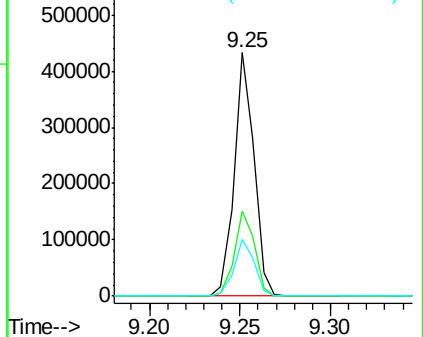


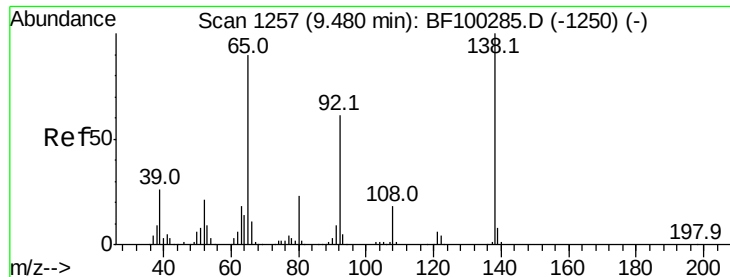
#44
 2-Fluorobiphenyl
 Concen: 14.396 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF100306.D
 Acq: 8 Nov 2017 21:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.7	44.5
170	23.3	19.6	29.4



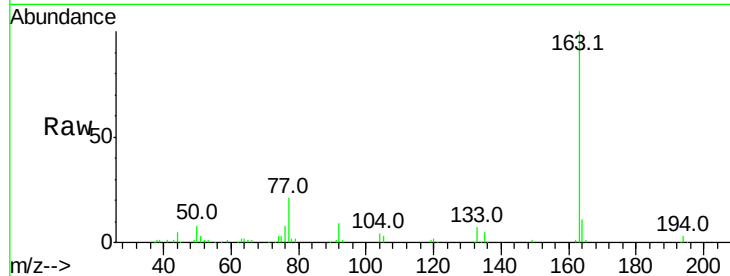
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



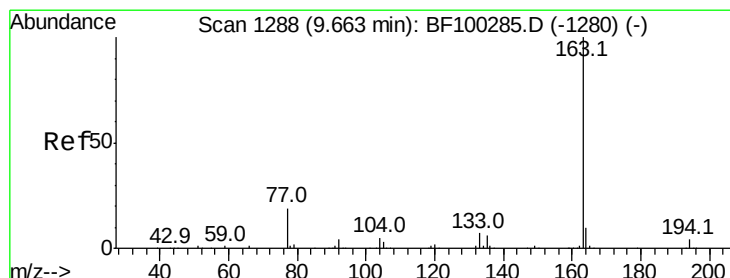
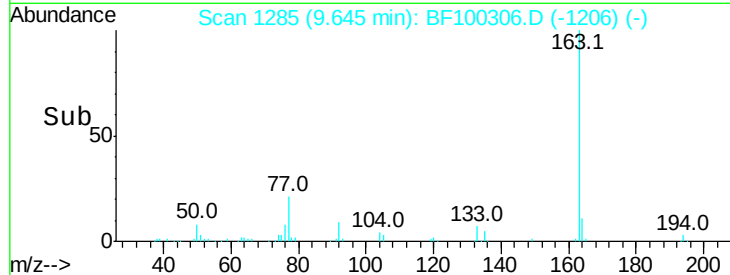
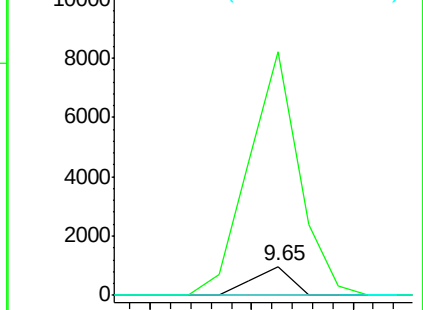


#47
2-Nitroaniline
Concen: 2.859 ng
RT: 9.65 min Scan# 1285
Delta R.T. 0.17 min
Lab File: BF100306.D
Acq: 8 Nov 2017 21:52

Tot Ion: 65 Resp: 519
Ion Ratio Lower Upper
65 100
92 848.3 55.8 83.6#
138 0.0 91.2 136.8#

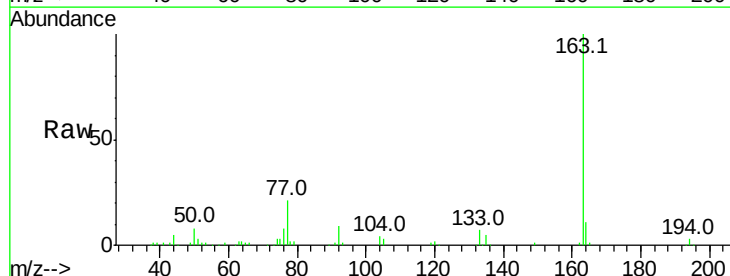


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

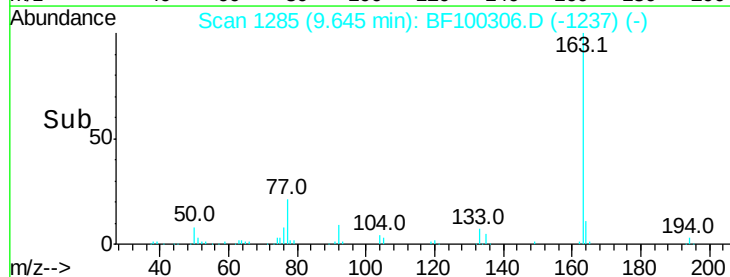
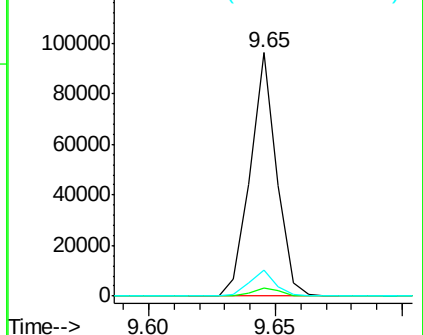


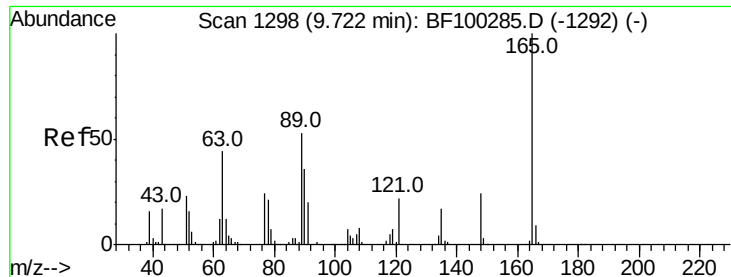
#49
Dimethylphthalate
Concen: 2.614 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BF100306.D
Acq: 8 Nov 2017 21:52

Tgt Ion: 163 Resp: 69638
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.7 8.2 12.2



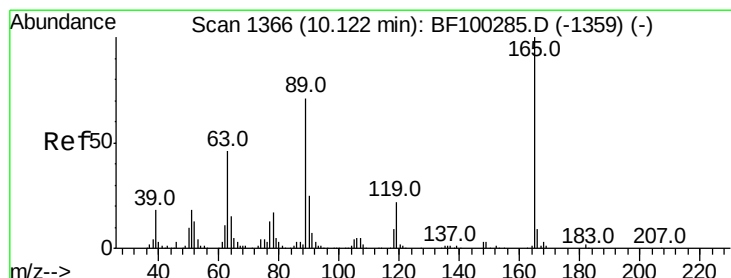
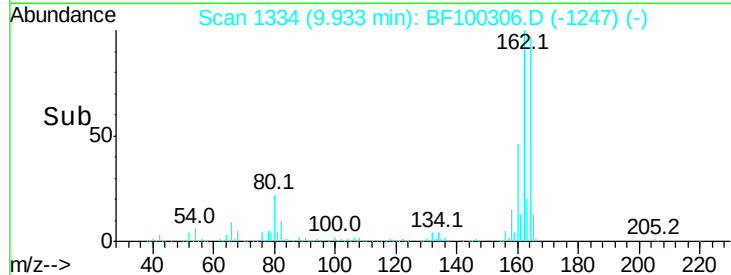
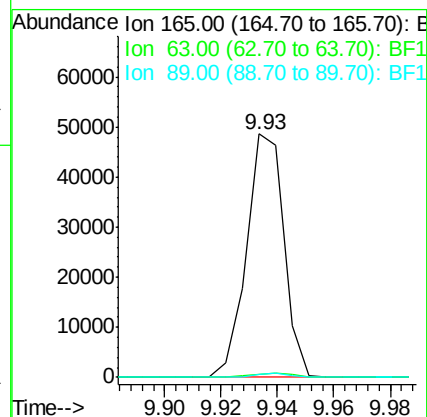
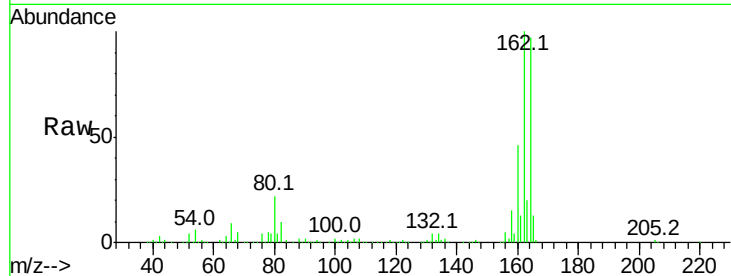
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





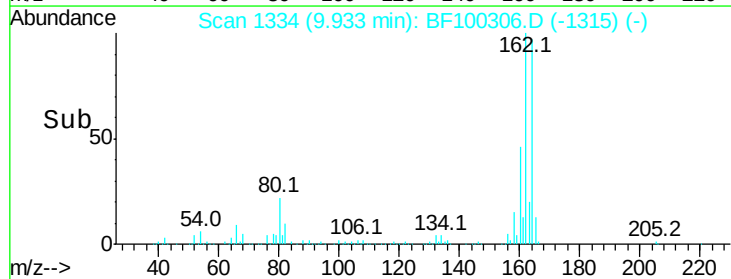
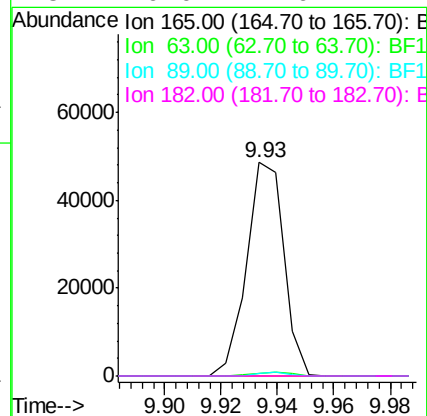
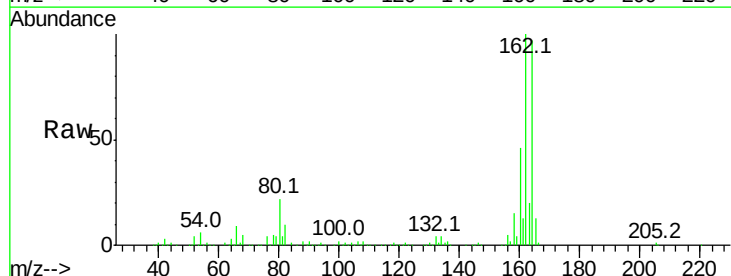
#50
2,6-Dinitrotoluene
Concen: 8.451 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.21 min
Lab File: BF100306.D
Acq: 8 Nov 2017 21:52

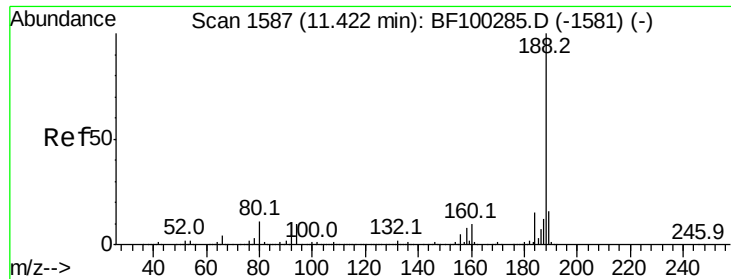
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.7	67.1#
89	1.4	44.0	66.0#



#56
2,4-Dinitrotoluene
Concen: 6.699 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.19 min
Lab File: BF100306.D
Acq: 8 Nov 2017 21:52

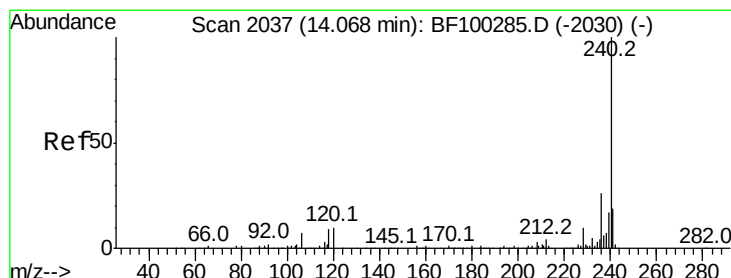
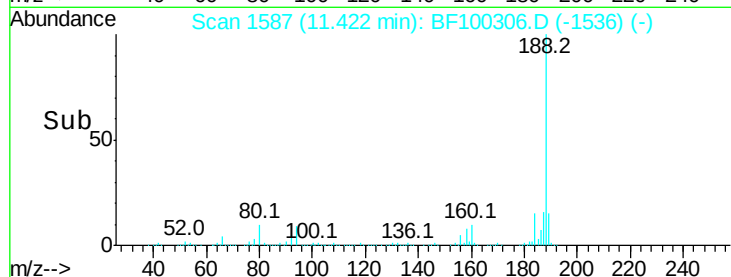
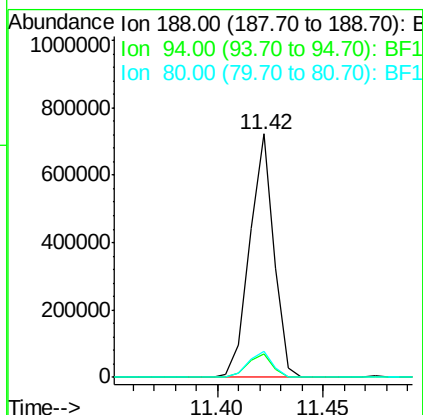
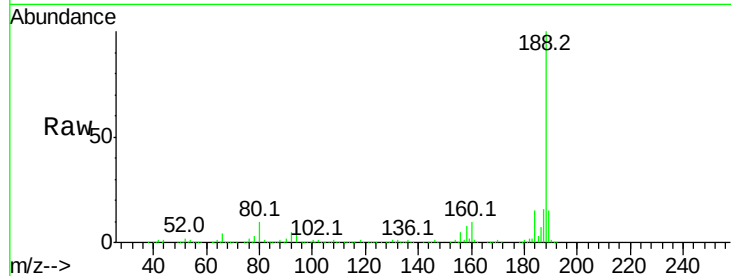
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#





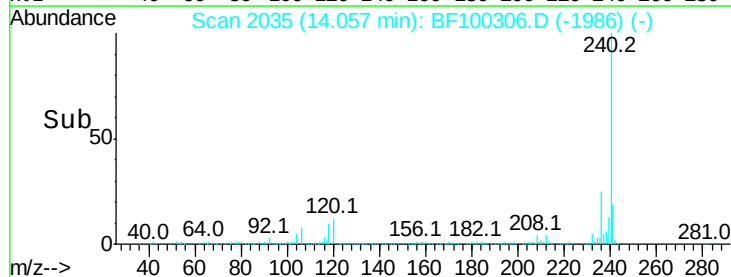
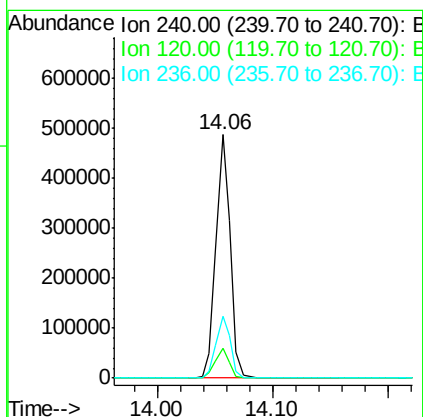
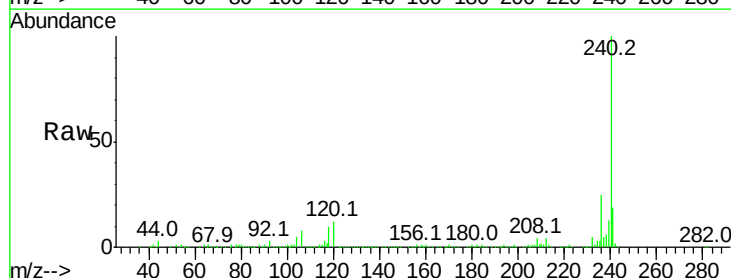
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.00 min
Lab File: BF100306.D
Acq: 8 Nov 2017 21:52

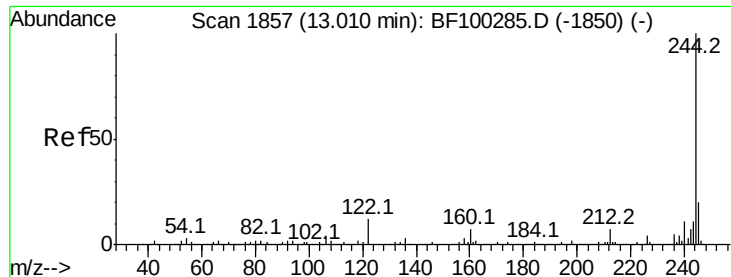
Tot Ion:188 Resp: 574788
Ion Ratio Lower Upper
188 100
94 9.5 8.5 12.7
80 10.5 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF100306.D
Acq: 8 Nov 2017 21:52

Tgt Ion:240 Resp: 418557
Ion Ratio Lower Upper
240 100
120 12.4 9.5 14.3
236 25.3 20.7 31.1

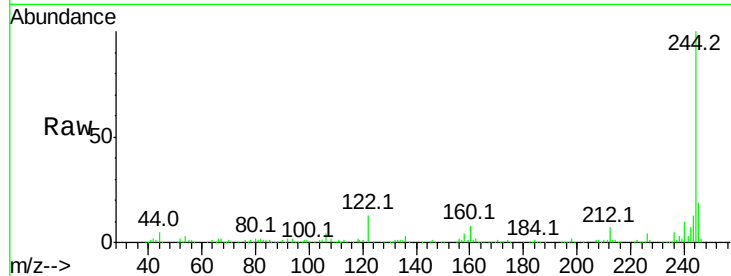




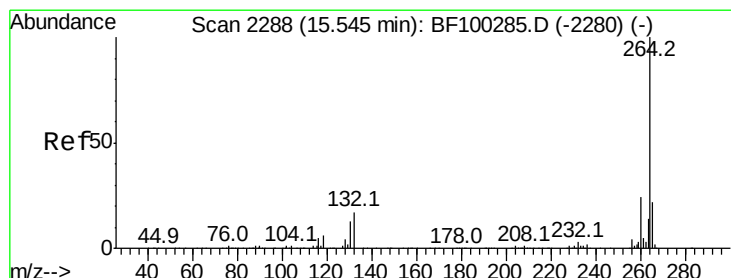
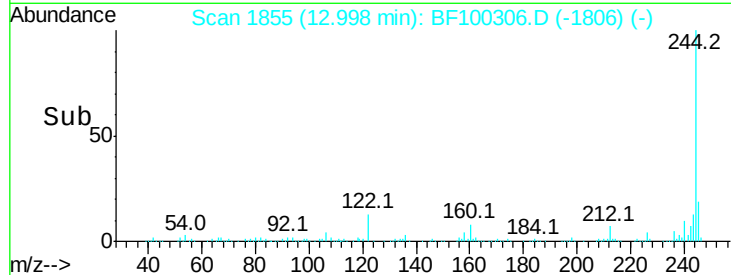
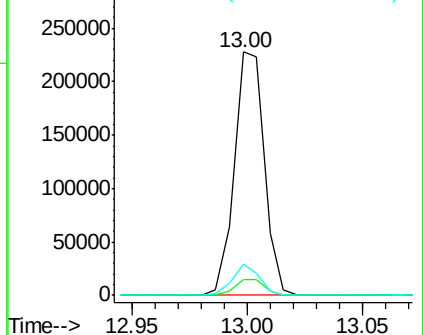
#78
 Terphenyl-d14
 Concen: 11.324 ng
 RT: 13.00 min Scan# 1855
 Delta R.T. -0.01 min
 Lab File: BF100306.D
 Acq: 8 Nov 2017 21:52

Tot Ion:244 Resp: 206274

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	13.0	11.0	16.4



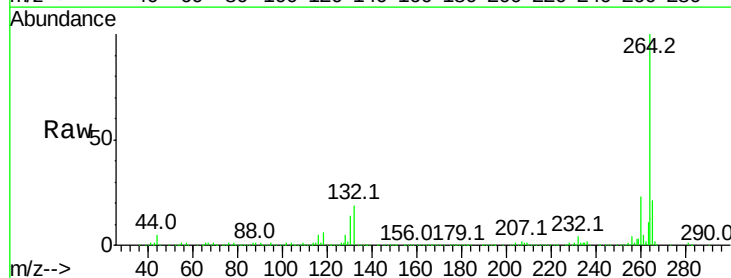
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2287
 Delta R.T. -0.01 min
 Lab File: BF100306.D
 Acq: 8 Nov 2017 21:52

Tgt Ion:264 Resp: 441347

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.4	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

