

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110817\
 Data File : BF100311.D
 Acq On : 9 Nov 2017 00:06
 Operator : SJ/JU
 Sample : I6346-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

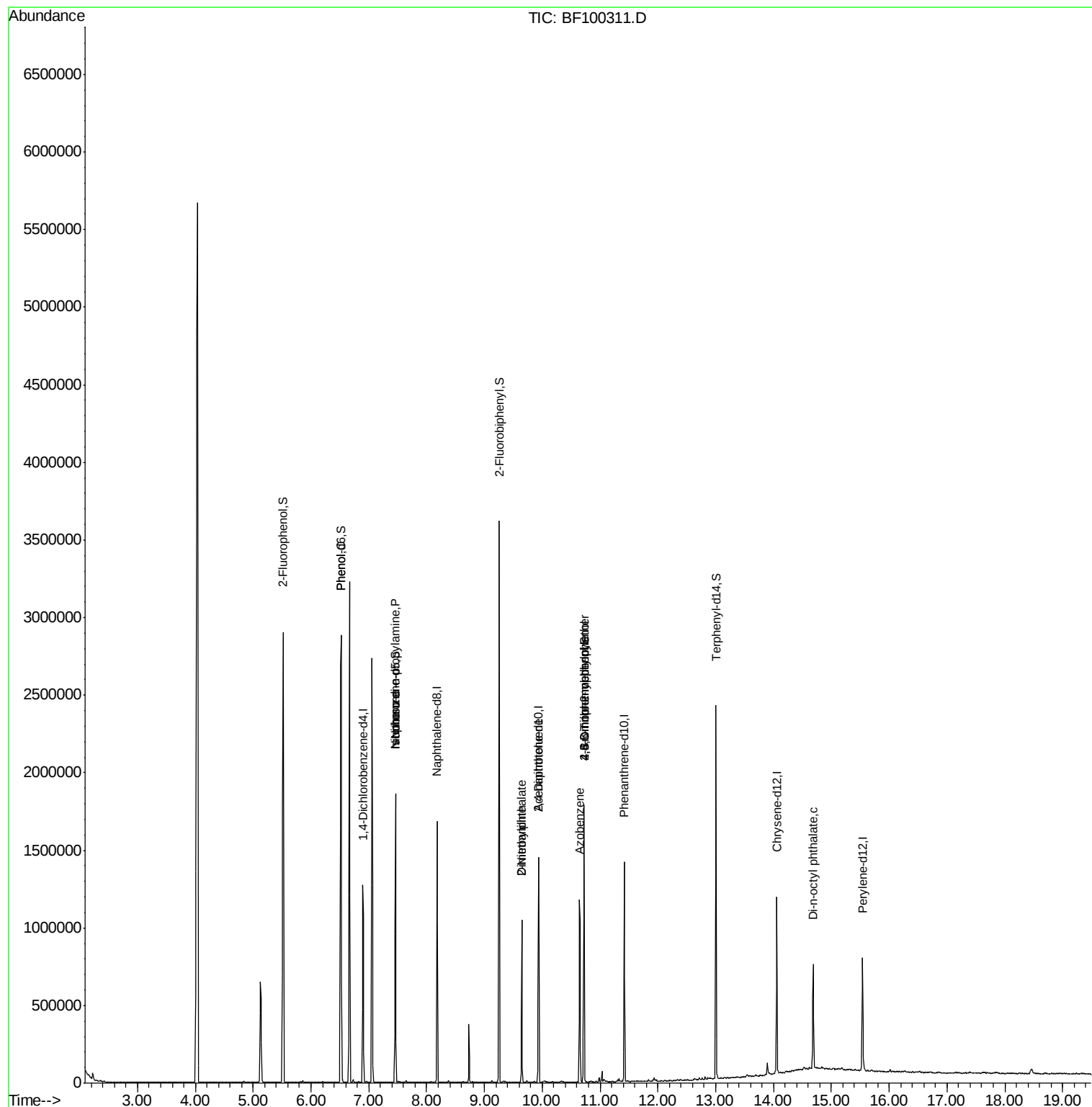
Quant Time: Nov 09 01:28:50 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 08 14:33:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	179199	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	690069	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	286031	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	450730	20.00	ng	0.00
75) Chrysene-d12	14.06	240	370016	20.00	ng	-0.01
86) Perylene-d12	15.54	264	345492	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	855315	76.51	ng	0.00
7) Phenol-d6	6.52	99	1044919	75.80	ng	0.00
23) Nitrobenzene-d5	7.46	82	622851	59.67	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	199857	68.57	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1079126	57.45	ng	0.00
78) Terphenyl-d14	13.00	244	748910	46.51	ng	0.00
Target Compounds						
10) Phenol	6.53	94	55146	3.811	ng	93
19) n-Nitroso-di-n-propylamine	7.46	70	83486	8.733	ng	# 80
25) Isophorone	7.46	82	622839	28.396	ng	# 64
47) 2-Nitroaniline	9.65	65	3709	3.443	ng	# 1
49) Dimethylphthalate	9.65	163	390757	17.893	ng	99
56) 2,4-Dinitrotoluene	9.93	165	36399	6.674	ng	# 23
62) Azobenzene	10.65	77	201594	9.794	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.72	198	331	8.689	ng	# 1
66) 4-Bromophenyl-phenylether	10.72	248	12670	2.622	ng	# 1
84) Di-n-octyl phthalate	14.69	149	54934	2.260	ng	# 34

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

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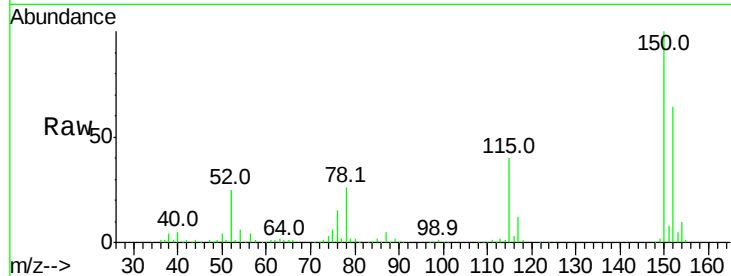




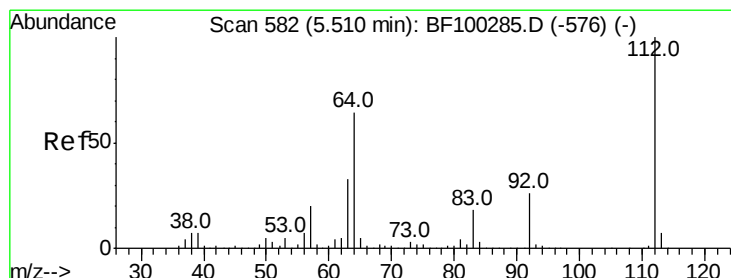
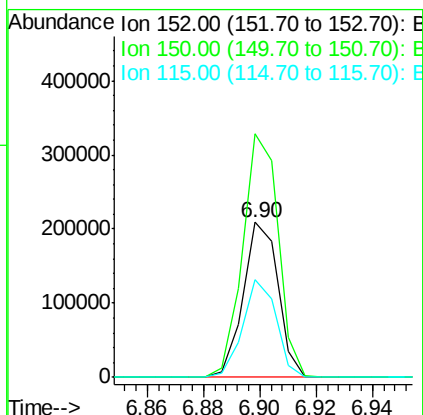
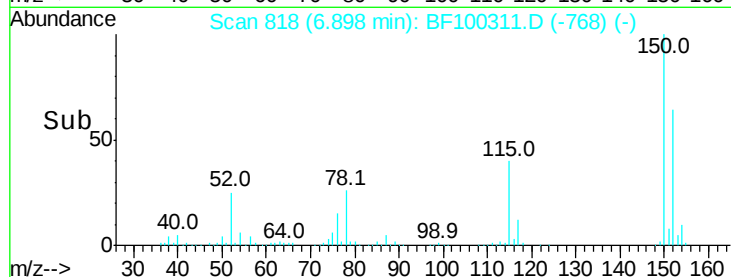
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF100311.D
Acq: 9 Nov 2017 00:06

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.6	186.8
115	63.5	50.1	75.1



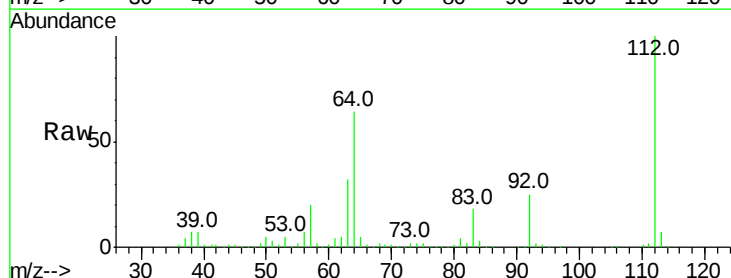
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



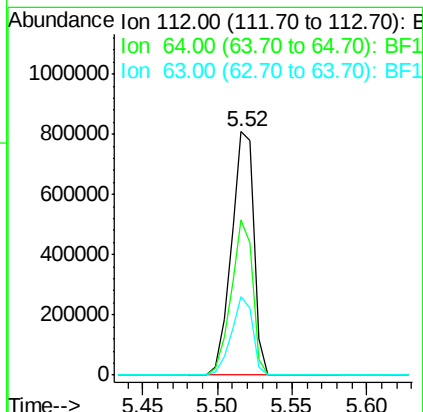
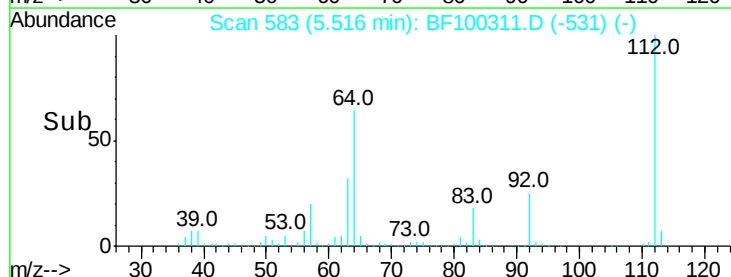
#5

2-Fluorophenol
Concen: 76.510 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.01 min
Lab File: BF100311.D
Acq: 9 Nov 2017 00:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.8	47.9	71.9
63	32.3	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: 75.800 ng

RT: 6.52 min Scan# 754

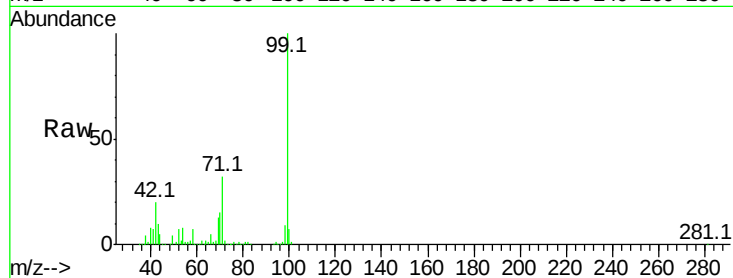
Delta R.T. -0.00 min

Lab File: BF100311.D

Acq: 9 Nov 2017 00:06

Tot Ion: 99 Resp: 1044919

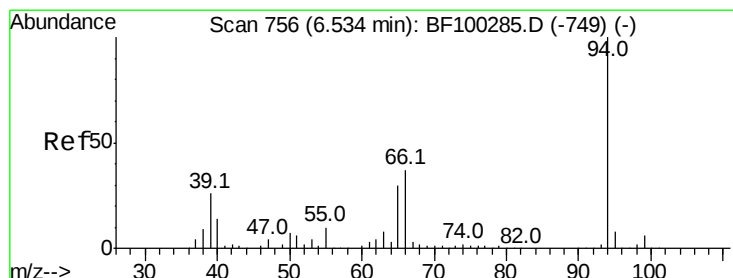
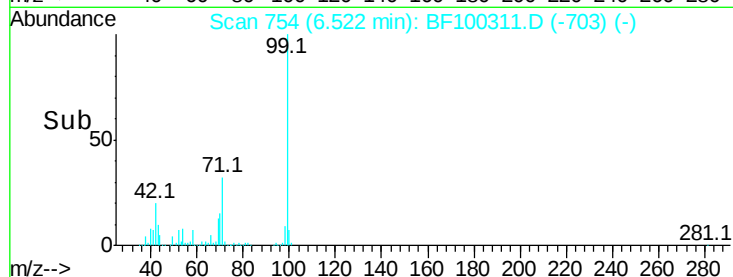
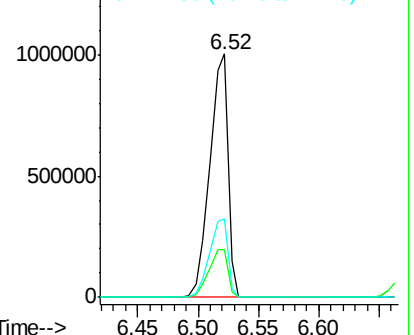
Ion	Ratio	Lower	Upper
99	100		
42	19.7	14.5	21.7
71	32.1	25.4	38.0



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



#10

Phenol

Concen: 3.811 ng

RT: 6.53 min Scan# 755

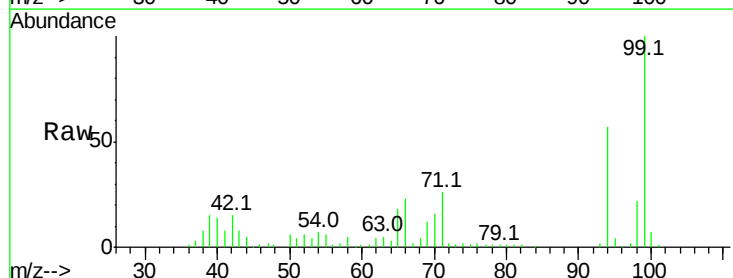
Delta R.T. -0.01 min

Lab File: BF100311.D

Acq: 9 Nov 2017 00:06

Tgt Ion: 94 Resp: 55146

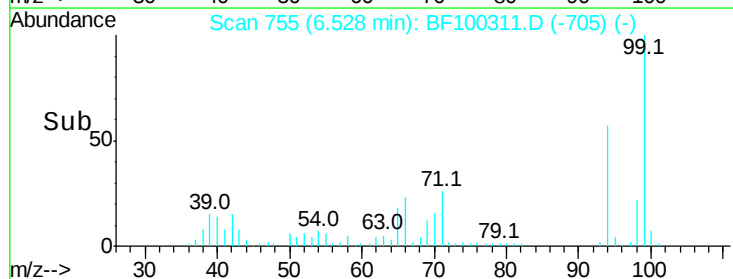
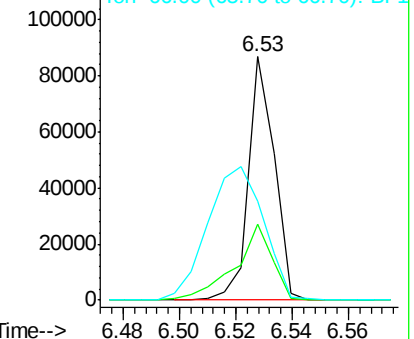
Ion	Ratio	Lower	Upper
94	100		
65	31.1	7.9	47.9
66	40.8	16.2	56.2

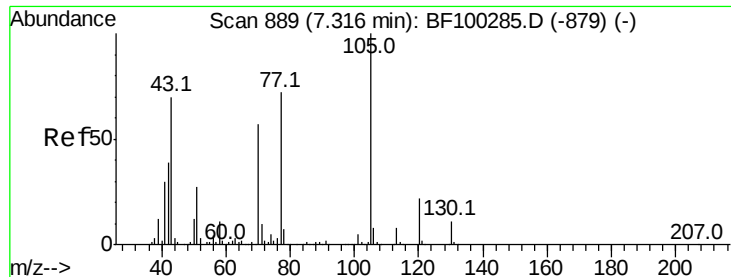


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#19

n-Nitroso-di-n-propylamine

Concen: 8.733 ng

RT: 7.46 min Scan# 914

Delta R.T. 0.15 min

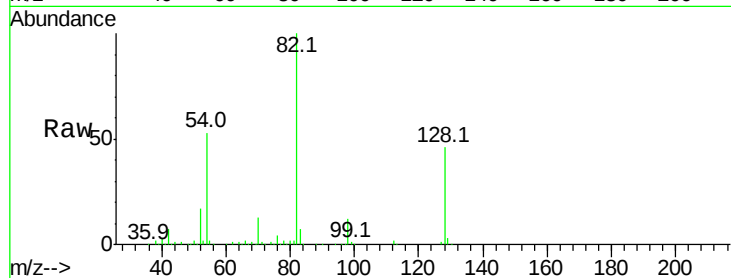
Lab File: BF100311.D

Acq: 9 Nov 2017 00:06

Tot Ion: 70 Resp: 83486

Ion Ratio Lower Upper

70	100		
42	49.7	47.5	71.3
101	0.0	7.4	11.2
130	2.2	16.6	25.0

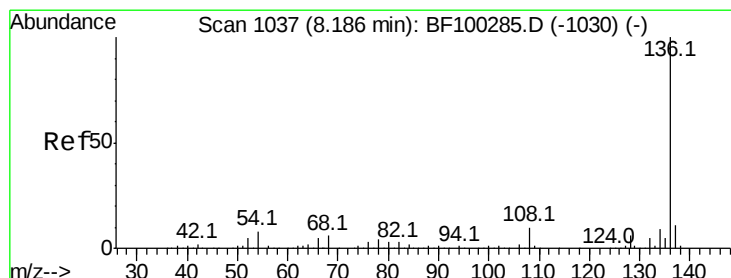
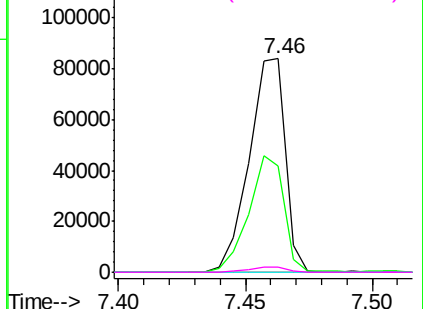
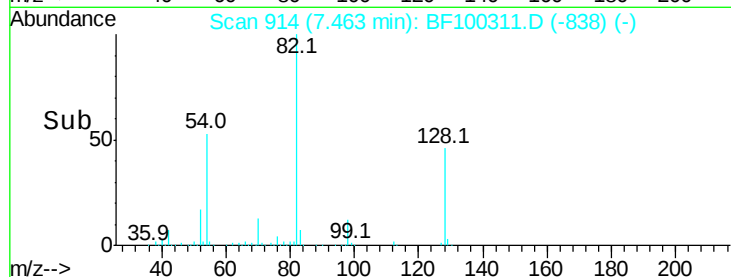


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.18 min Scan# 1036

Delta R.T. -0.01 min

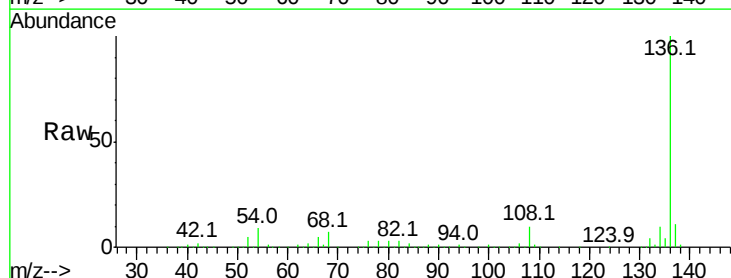
Lab File: BF100311.D

Acq: 9 Nov 2017 00:06

Tgt Ion: 136 Resp: 690069

Ion Ratio Lower Upper

136	100		
137	11.2	8.9	13.3
54	9.3	6.6	9.8
68	6.6	5.0	7.4

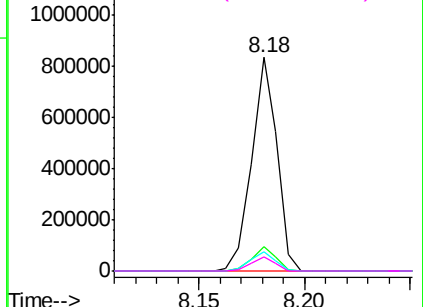
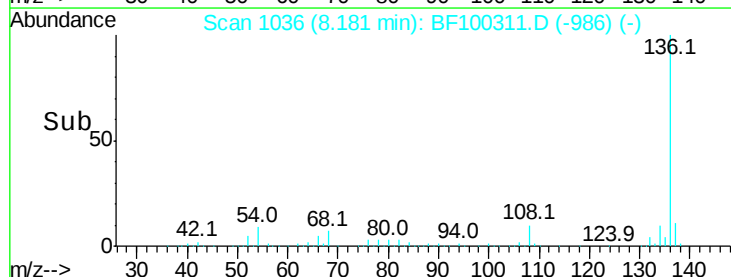


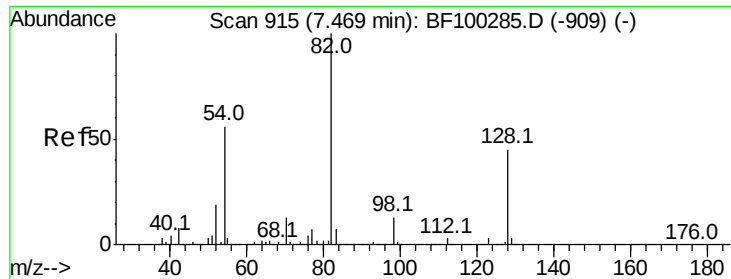
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

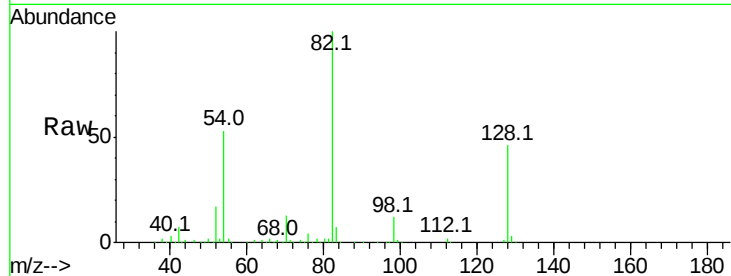
Ion 68.00 (67.70 to 68.70): BF1



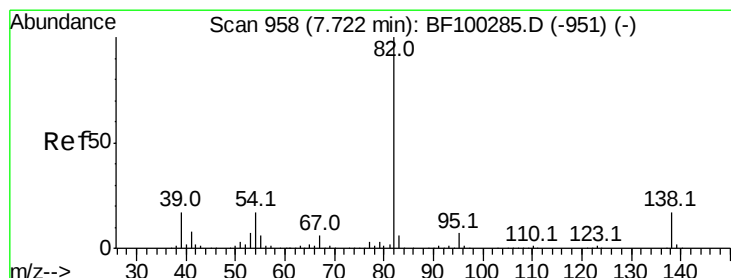
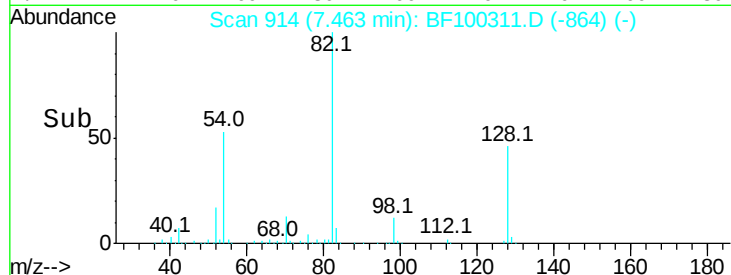
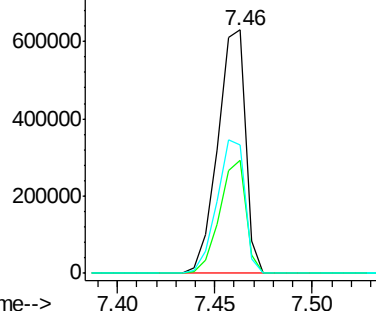


#23
 Nitrobenzene-d5
 Concen: 59.673 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: BF100311.D
 Acq: 9 Nov 2017 00:06

Tot Ion	82	Resp	622851
Ion Ratio	100	Lower	Upper
128	46.5	36.1	54.1
54	52.6	41.4	62.2

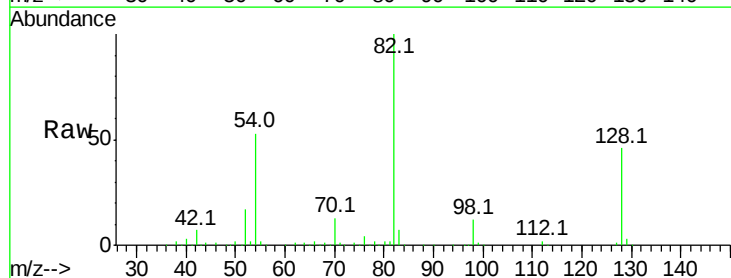


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

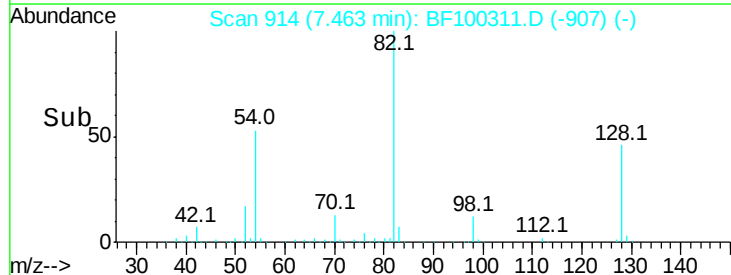
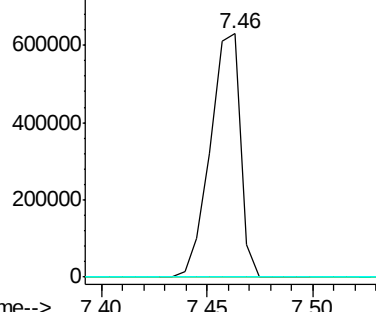


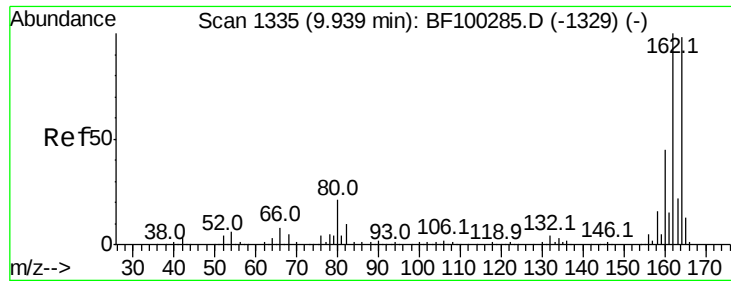
#25
 Isophorone
 Concen: 28.396 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.26 min
 Lab File: BF100311.D
 Acq: 9 Nov 2017 00:06

Tgt Ion	82	Resp	622839
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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BF100311.D

Acq: 9 Nov 2017 00:06

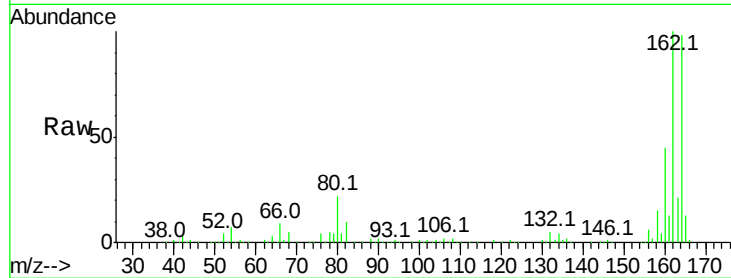
Tot Ion:164 Resp: 286031

Ion Ratio Lower Upper

164 100

162 102.5 86.1 129.1

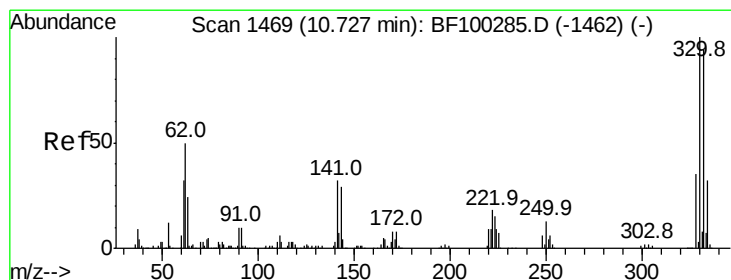
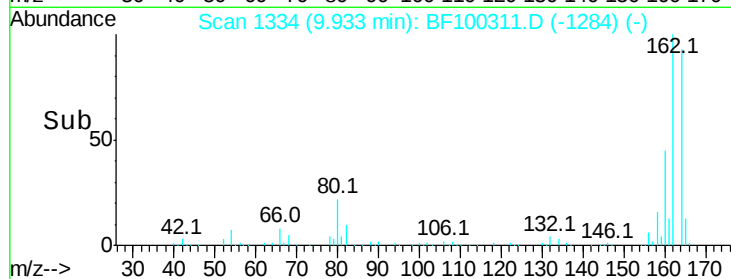
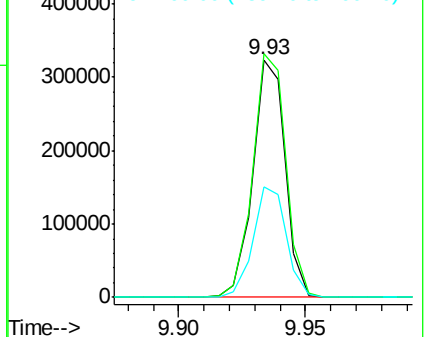
160 46.4 38.3 57.5



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: 68.570 ng

RT: 10.72 min Scan# 1468

Delta R.T. -0.01 min

Lab File: BF100311.D

Acq: 9 Nov 2017 00:06

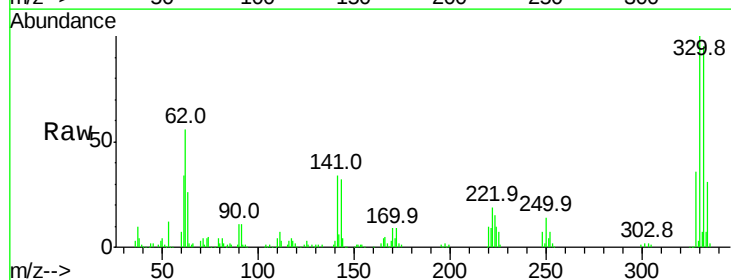
Tgt Ion:330 Resp: 199857

Ion Ratio Lower Upper

330 100

332 94.6 77.0 115.6

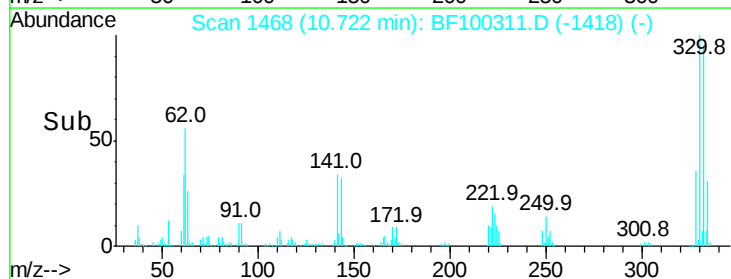
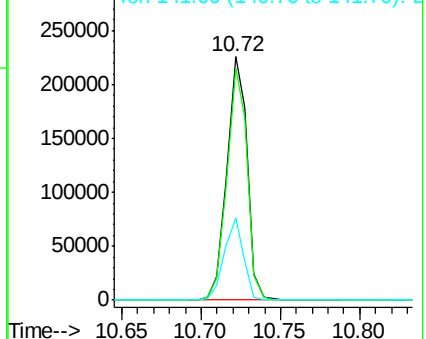
141 32.0 29.9 44.9

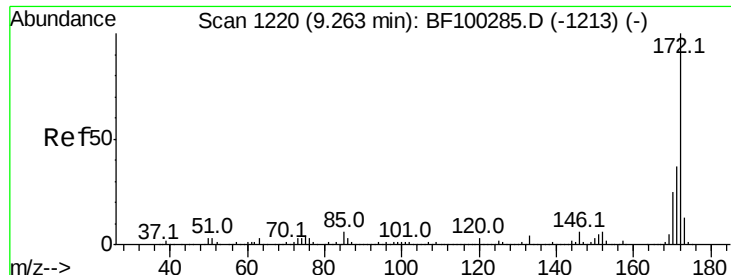


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

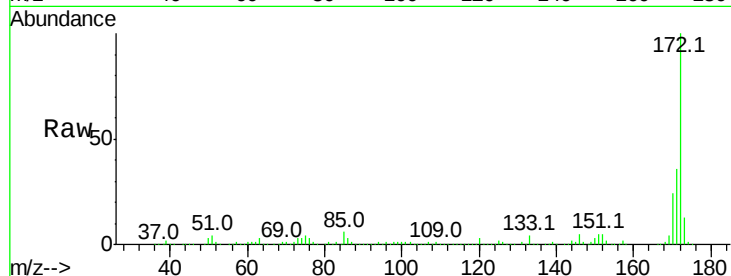
Ion 141.00 (140.70 to 141.70): E



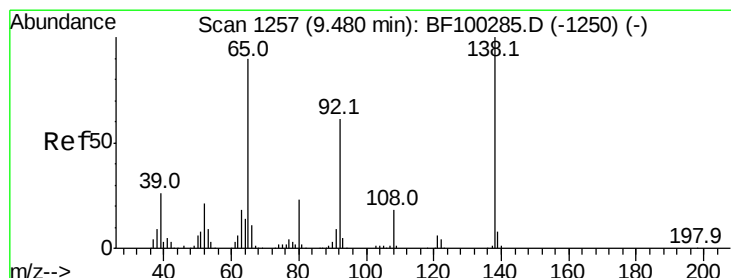
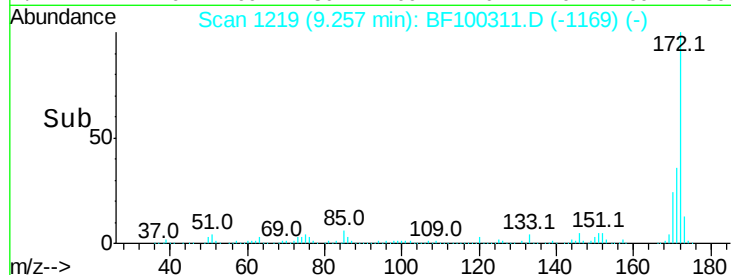
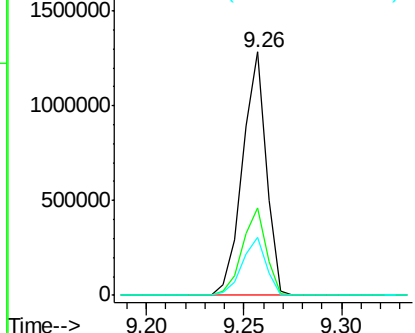


#44
 2-Fluorobiphenyl
 Concen: 57.448 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BF100311.D
 Acq: 9 Nov 2017 00:06

Tot Ion:172 Resp: 1079126
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 23.6 19.6 29.4

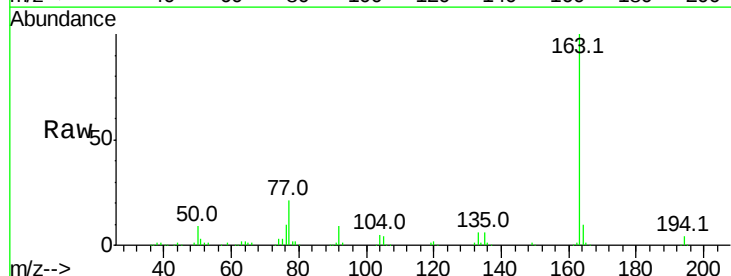


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

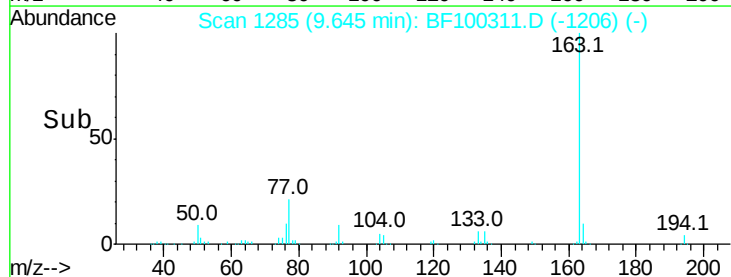
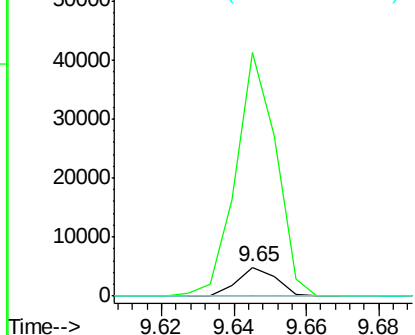


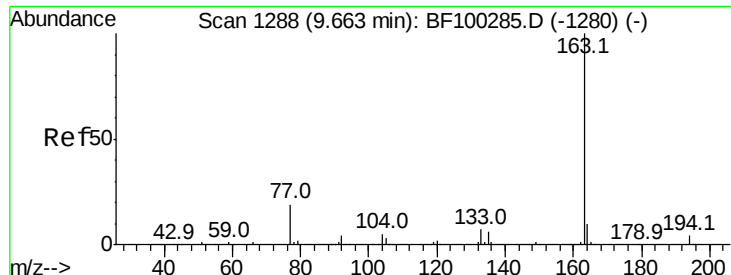
#47
 2-Nitroaniline
 Concen: 3.443 ng
 RT: 9.65 min Scan# 1285
 Delta R.T. 0.17 min
 Lab File: BF100311.D
 Acq: 9 Nov 2017 00:06

Tgt Ion: 65 Resp: 3709
 Ion Ratio Lower Upper
 65 100
 92 836.4 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): E





#49

Dimethylphthalate

Concen: 17.893 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.02 min

Lab File: BF100311.D

Acq: 9 Nov 2017 00:06

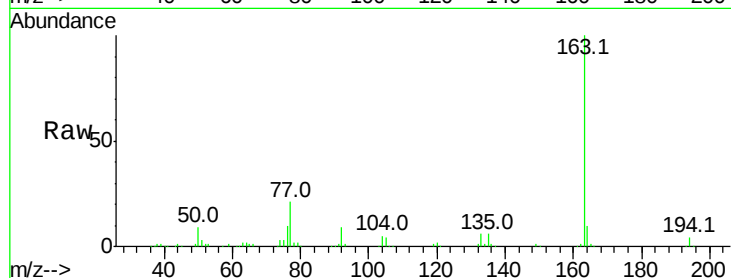
Tot Ion:163 Resp: 390757

Ion Ratio Lower Upper

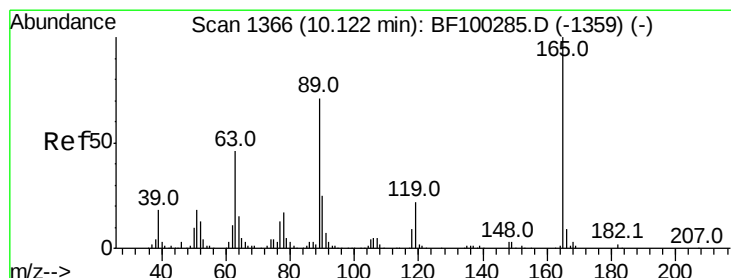
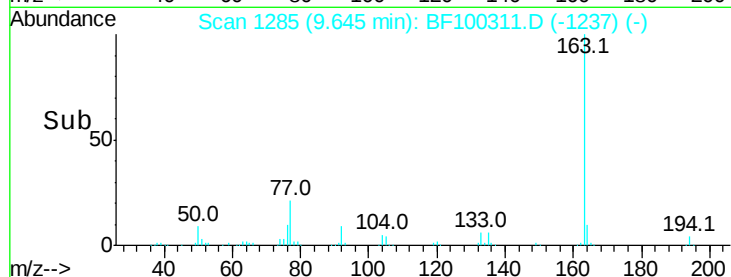
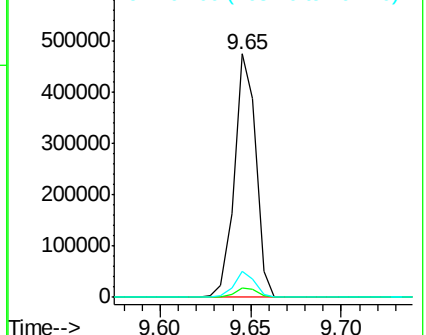
163 100

194 3.6 2.7 4.1

164 10.5 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



#56

2,4-Dinitrotoluene

Concen: 6.674 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.19 min

Lab File: BF100311.D

Acq: 9 Nov 2017 00:06

Tgt Ion:165 Resp: 36399

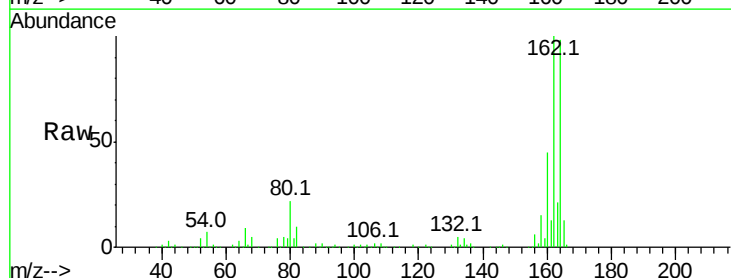
Ion Ratio Lower Upper

165 100

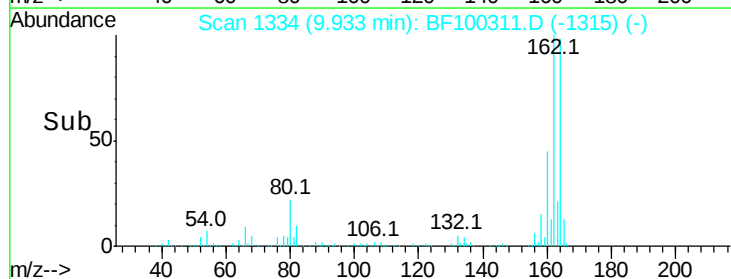
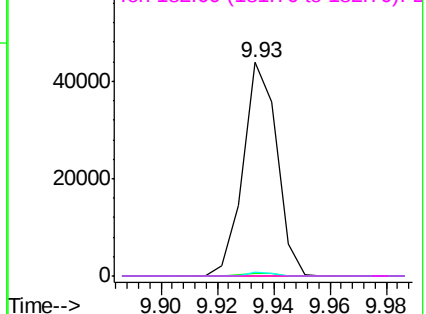
63 1.4 36.4 54.6#

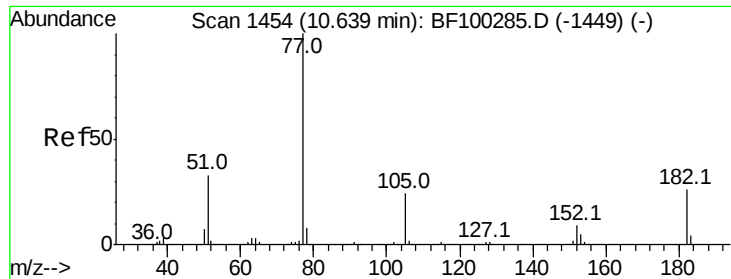
89 1.6 57.8 86.6#

182 0.0 1.6 2.4#



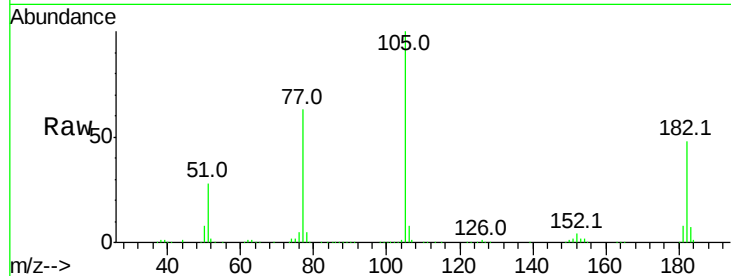
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E





#62
Azobenzene
Concen: 9.794 ng
RT: 10.65 min Scan# 1455
Delta R.T. 0.01 min
Lab File: BF100311.D
Acq: 9 Nov 2017 00:06

Tot Ion	Ratio	Lower	Upper
77	100		
182	76.1	1.7	41.7#
105	159.4	3.0	43.0#
51	44.1	9.9	49.9



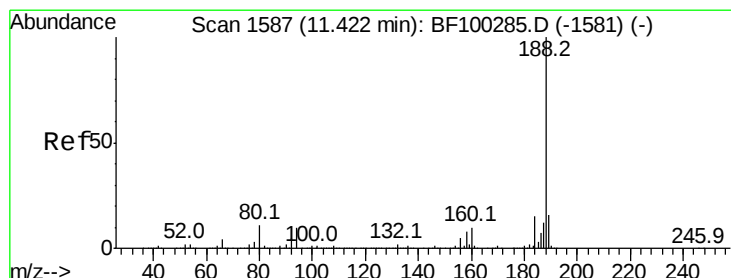
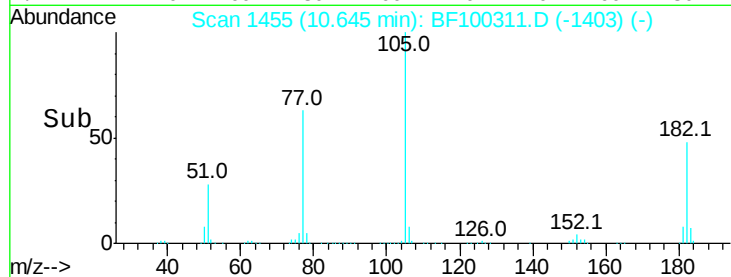
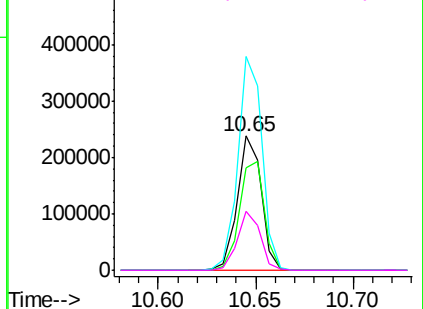
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

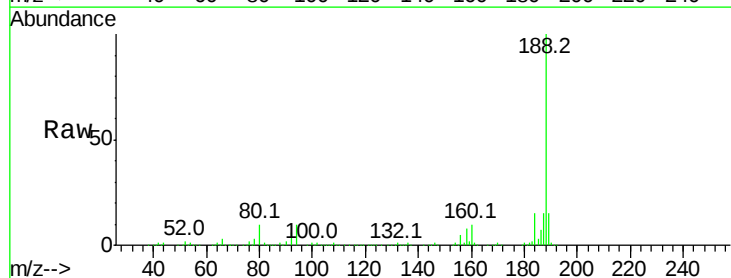
Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.00 min
Lab File: BF100311.D
Acq: 9 Nov 2017 00:06

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.5	12.7
80	10.5	9.2	13.8

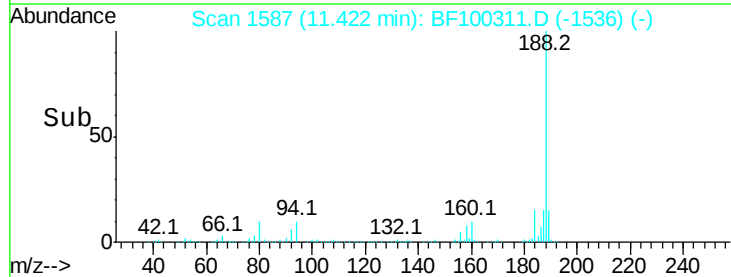
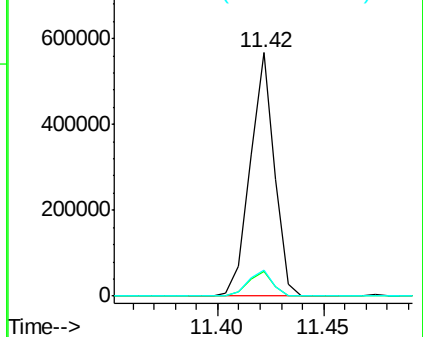


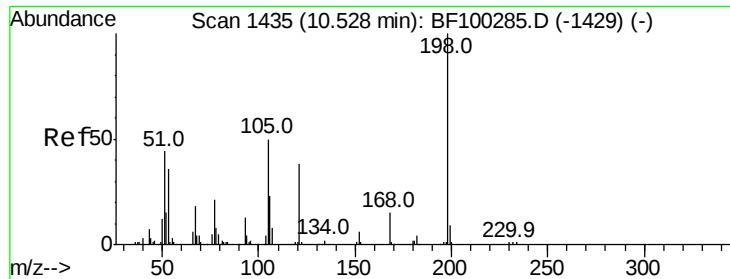
Abundance

Ion 188.00 (187.70 to 188.70): BF1

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: 8.689 ng

RT: 10.72 min Scan# 1468

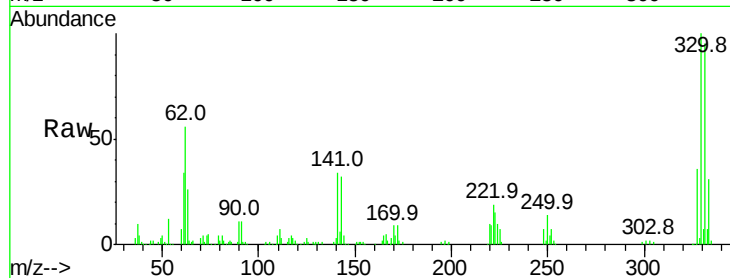
Delta R.T. 0.19 min

Lab File: BF100311.D

Acq: 9 Nov 2017 00:06

Tot Ion:198 Resp: 331

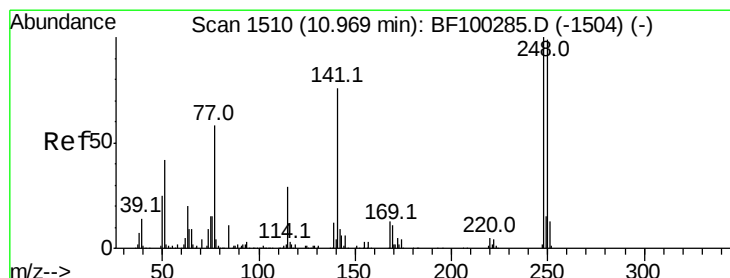
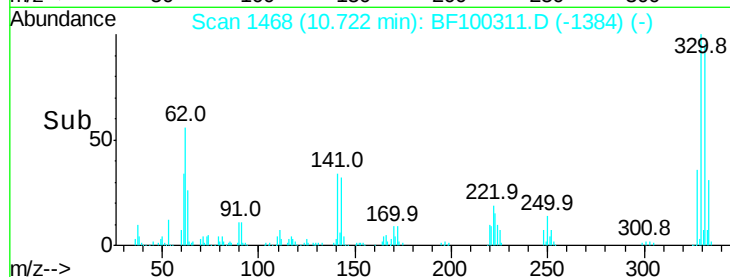
Ion	Ratio	Lower	Upper
198	100		
51	208.1	37.7	77.7#
105	189.5	36.3	76.3#



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: 2.622 ng

RT: 10.72 min Scan# 1468

Delta R.T. -0.25 min

Lab File: BF100311.D

Acq: 9 Nov 2017 00:06

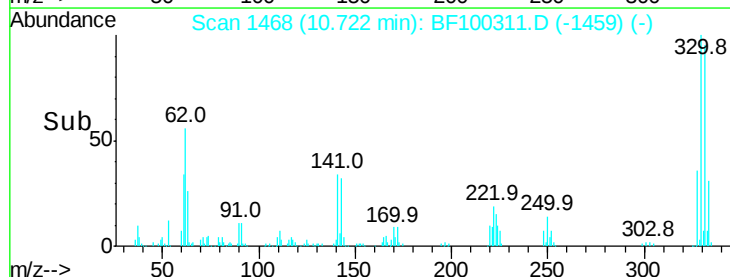
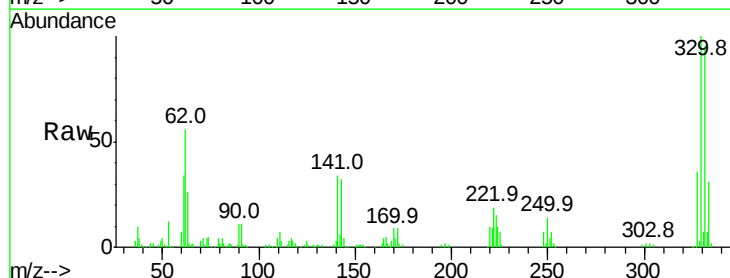
Tgt Ion:248 Resp: 12670

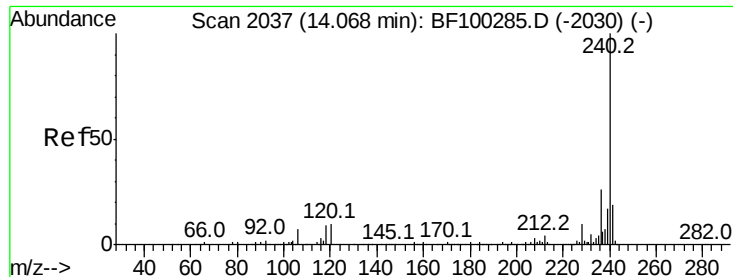
Ion	Ratio	Lower	Upper
248	100		
250	213.0	76.9	115.3#
141	518.4	74.4	111.6#

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: 14.06 min Scan# 2035

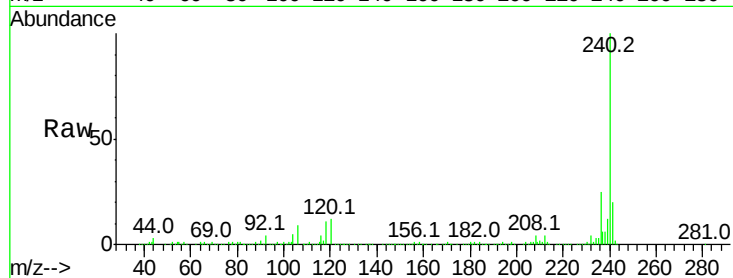
Delta R.T. -0.01 min

Lab File: BF100311.D

Acq: 9 Nov 2017 00:06

Tot Ion:240 Resp: 370016

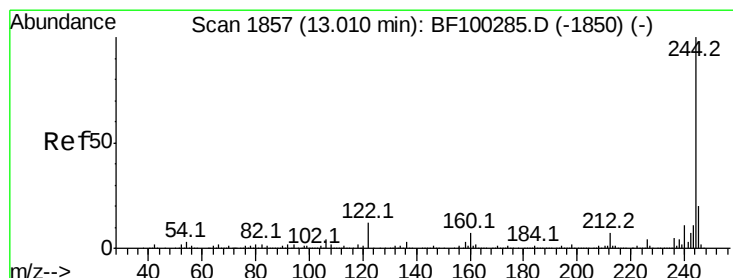
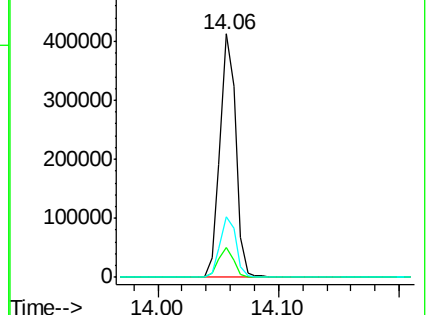
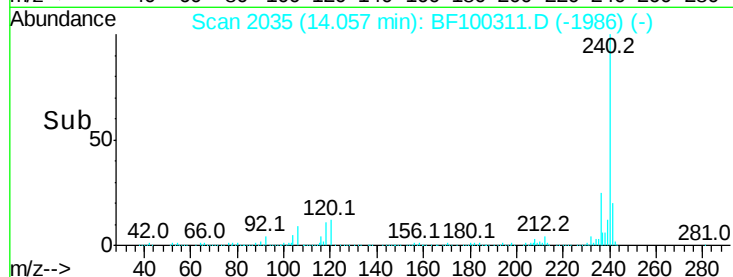
Ion	Ratio	Lower	Upper
240	100		
120	12.4	9.5	14.3
236	25.1	20.7	31.1



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: 46.505 ng

RT: 13.00 min Scan# 1856

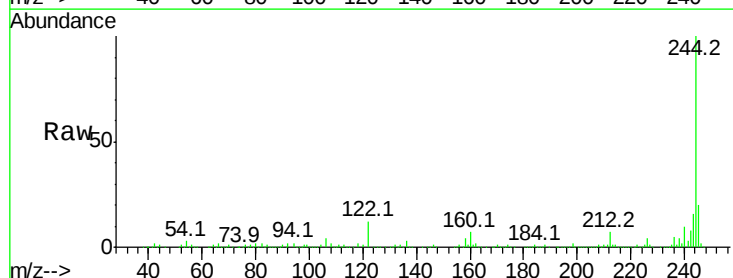
Delta R.T. -0.01 min

Lab File: BF100311.D

Acq: 9 Nov 2017 00:06

Tgt Ion:244 Resp: 748910

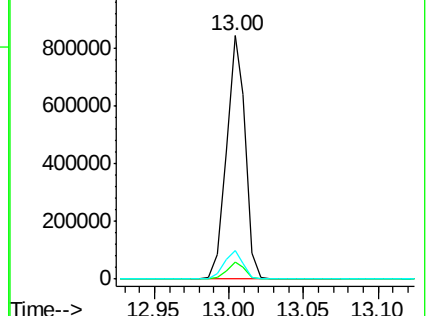
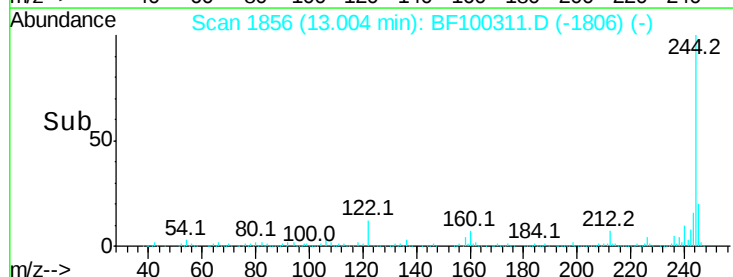
Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	11.9	11.0	16.4

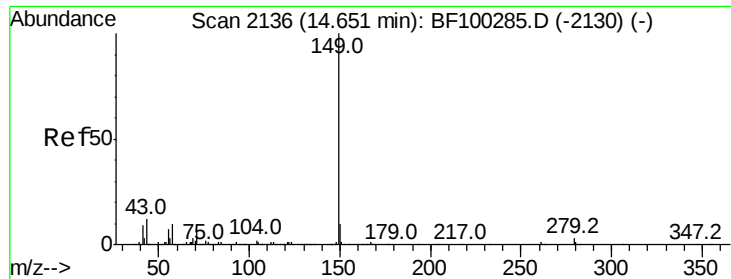


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

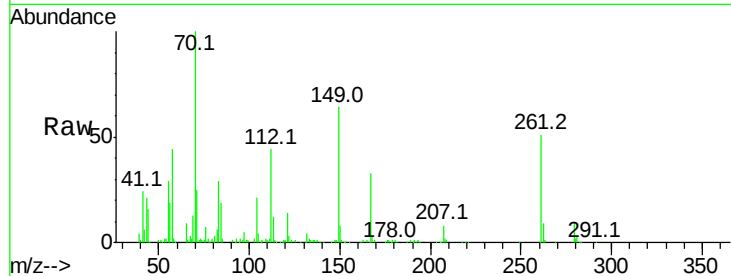
Ion 122.00 (121.70 to 122.70): E



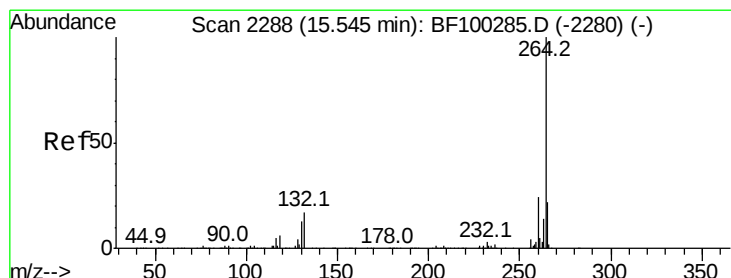
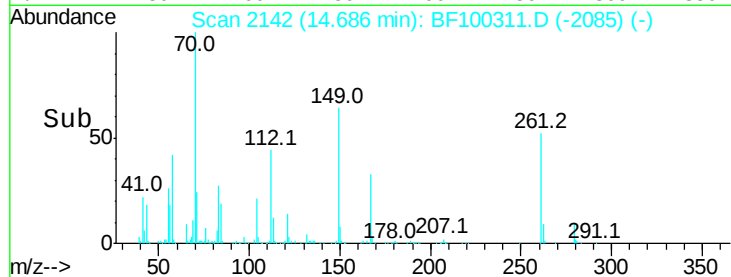
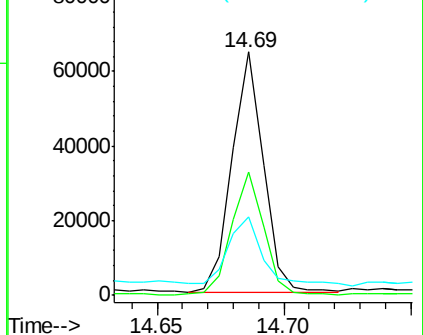


#84
Di-n-octyl phthalate
Concen: 2.260 ng
RT: 14.69 min Scan# 2142
Delta R.T. 0.04 min
Lab File: BF100311.D
Acq: 9 Nov 2017 00:06

Tot Ion	Ratio	Lower	Upper
149	100		
167	53.4	1.2	1.8#
43	31.6	8.4	12.6#

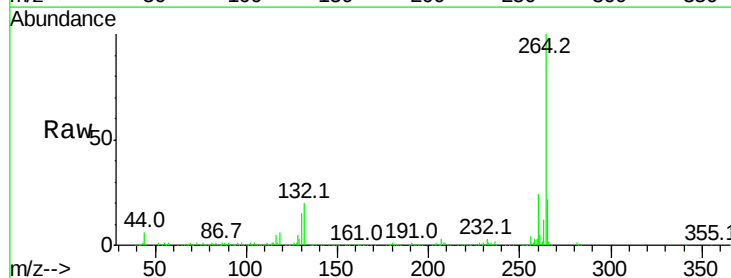


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BF100311.D
Acq: 9 Nov 2017 00:06

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.7	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

