

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110817\
 Data File : BF100310.D
 Acq On : 8 Nov 2017 23:40
 Operator : SJ/JU
 Sample : I6346-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Quant Time: Nov 09 00:15:40 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	163933	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	610886	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	253717	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	389954	20.00	ng	0.00
75) Chrysene-d12	14.06	240	326053	20.00	ng	-0.01
86) Perylene-d12	15.54	264	309021	20.00	ng	0.00

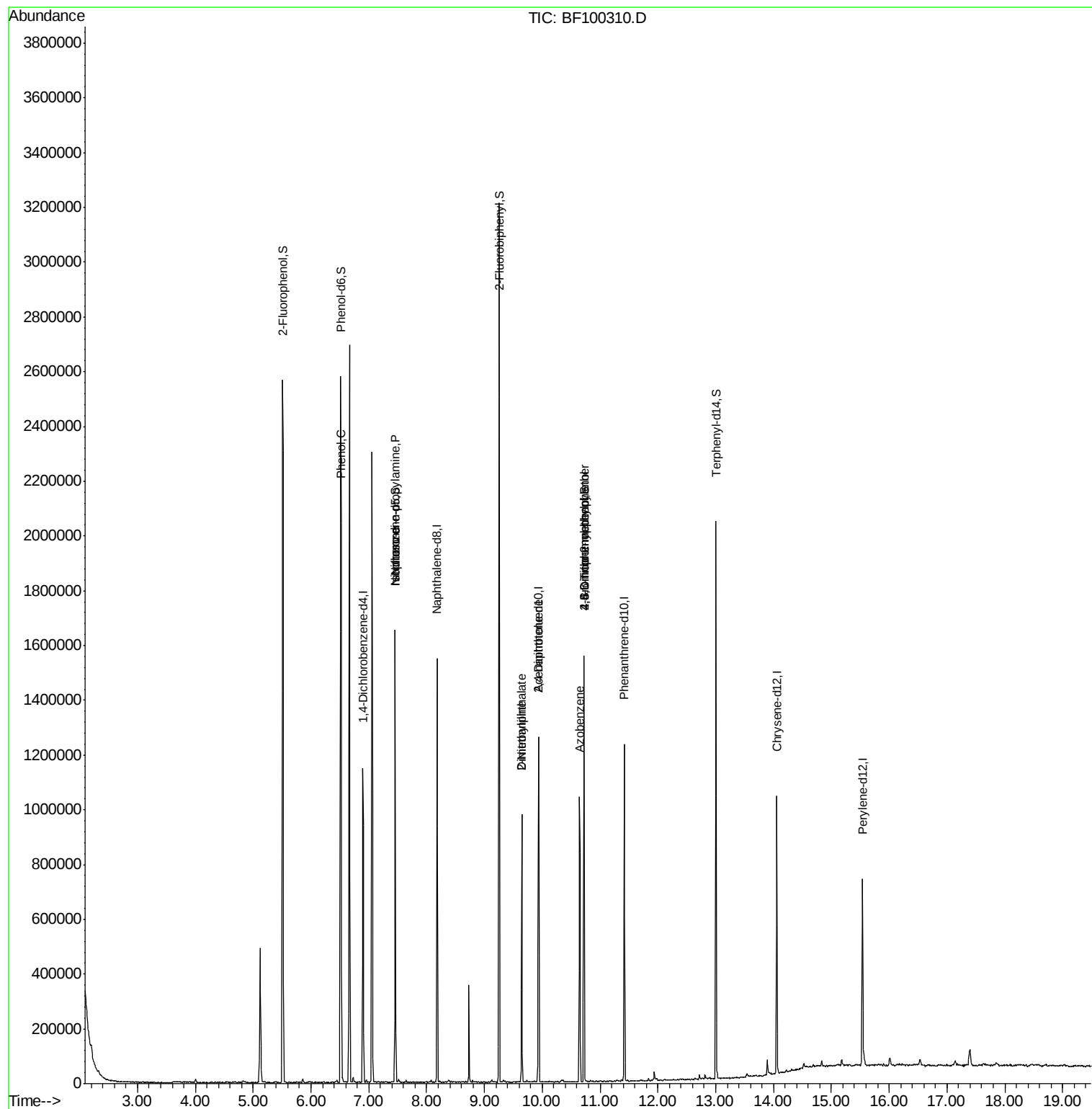
System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.51	112	725856	70.98	ng	0.00
7) Phenol-d6	6.52	99	903312	71.63	ng	0.00
23) Nitrobenzene-d5	7.46	82	523240	56.63	ng	-0.01
41) 2,4,6-Tribromophenol	10.72	330	173634	67.16	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	958670	57.54	ng	0.00
78) Terphenyl-d14	13.00	244	609277	42.94	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.53	94	51618	3.899	ng	99
19) n-Nitroso-di-n-propylamine	7.46	70	69072	7.898	ng	# 85
25) Isophorone	7.46	82	523231	26.947	ng	# 64
47) 2-Nitroaniline	9.65	65	3206	3.426	ng	# 1
49) Dimethylphthalate	9.65	163	366161	18.902	ng	99
56) 2,4-Dinitrotoluene	9.93	165	32685	6.757	ng	# 21
62) Azobenzene	10.65	77	172219	9.432	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.72	198	205	8.656	ng	# 1
66) 4-Bromophenyl-phenylether	10.72	248	11032	2.639	ng	# 1

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

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110817\
Data File : BF100310.D
Acq On : 8 Nov 2017 23:40
Operator : SJ/JU
Sample : I6346-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Nov 09 00:15:40 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

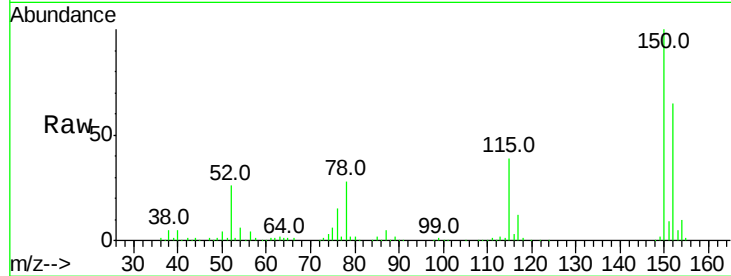




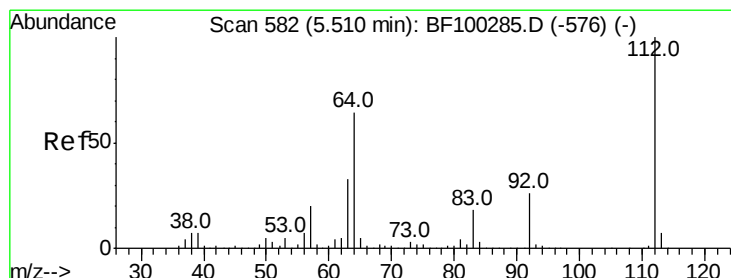
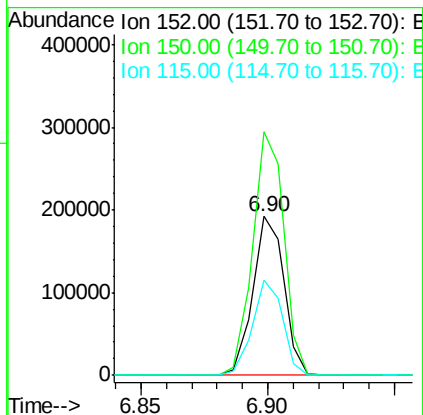
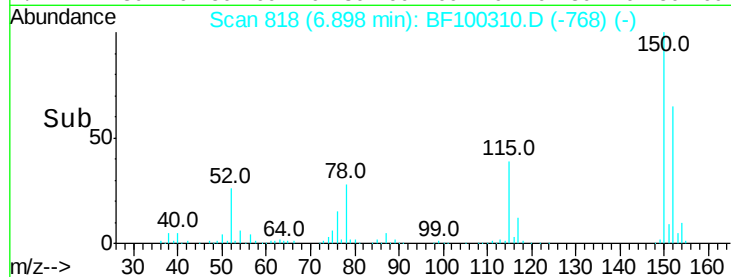
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF100310.D
Acq: 8 Nov 2017 23:40

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.3	124.6	186.8
115	60.1	50.1	75.1



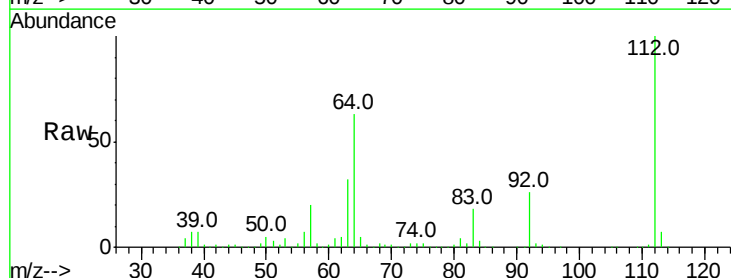
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



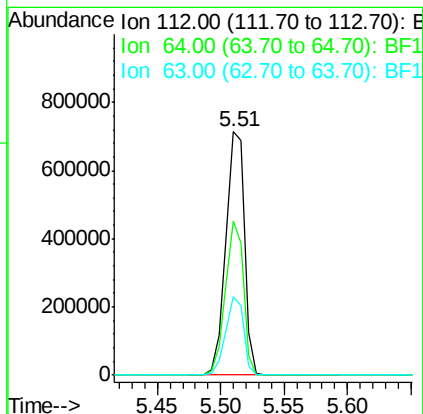
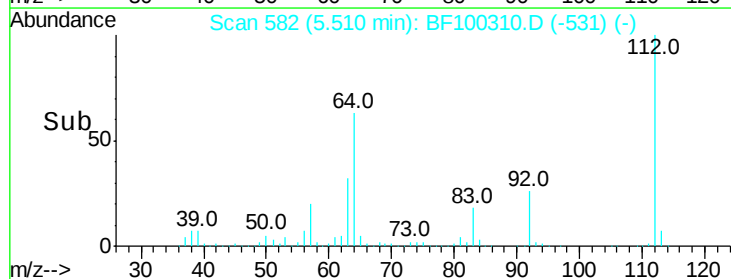
#5

2-Fluorophenol
Concen: 70.976 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.00 min
Lab File: BF100310.D
Acq: 8 Nov 2017 23:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.2	47.9	71.9
63	32.4	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: 71.630 ng

RT: 6.52 min Scan# 753

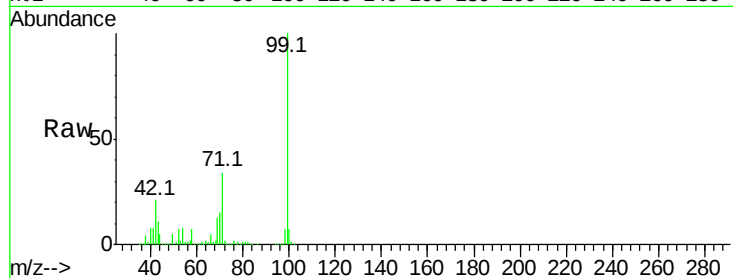
Delta R.T. -0.01 min

Lab File: BF100310.D

Acq: 8 Nov 2017 23:40

Tot Ion: 99 Resp: 903312

Ion	Ratio	Lower	Upper
99	100		
42	21.2	14.5	21.7
71	33.9	25.4	38.0

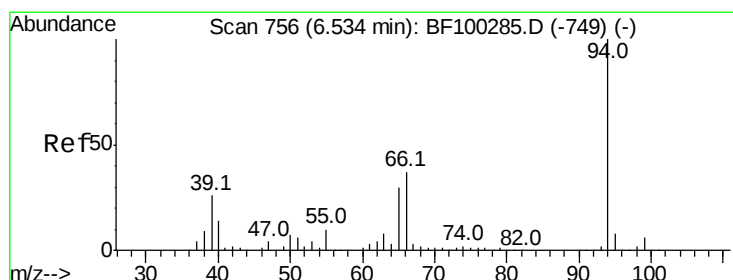
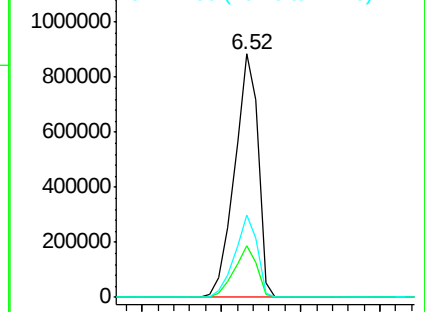
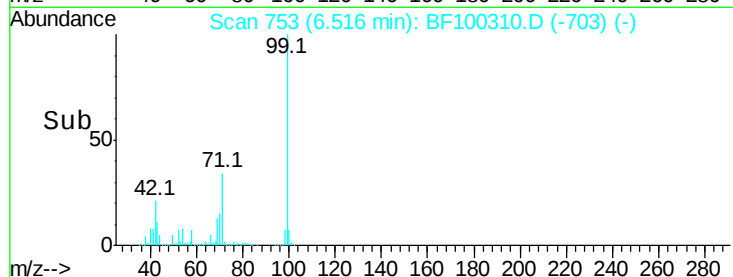


Abundance

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: 3.899 ng

RT: 6.53 min Scan# 755

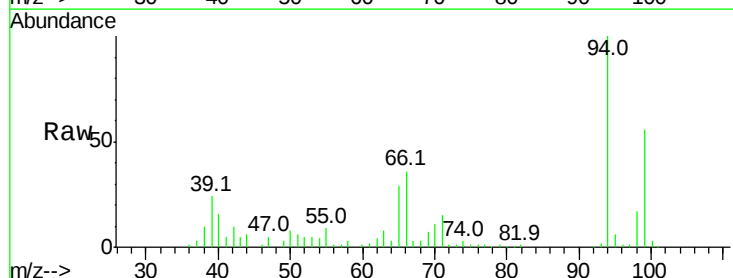
Delta R.T. -0.01 min

Lab File: BF100310.D

Acq: 8 Nov 2017 23:40

Tgt Ion: 94 Resp: 51618

Ion	Ratio	Lower	Upper
94	100		
65	28.5	7.9	47.9
66	36.4	16.2	56.2

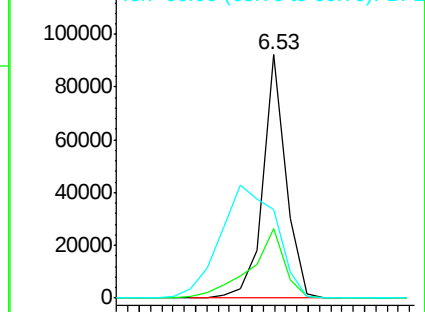
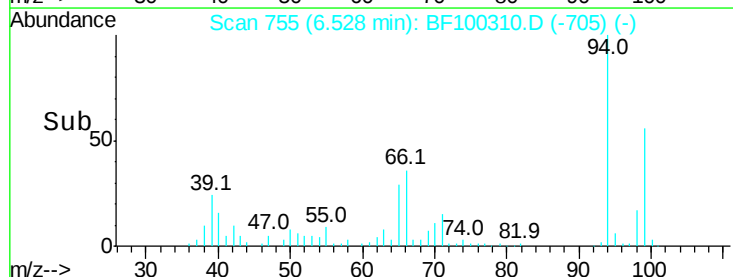


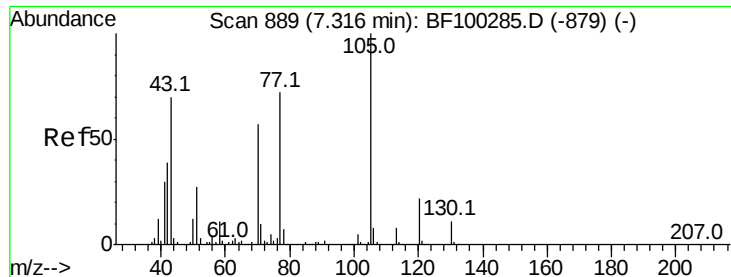
Abundance

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: 7.898 ng

RT: 7.46 min Scan# 913

Delta R.T. 0.14 min

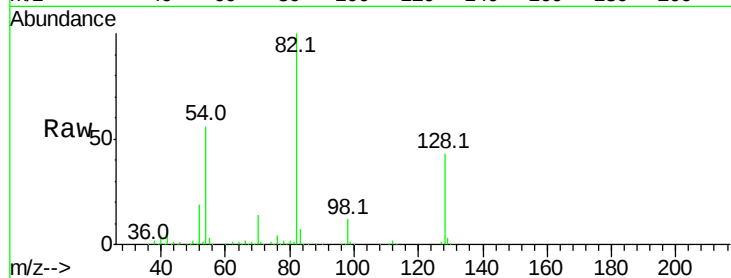
Lab File: BF100310.D

Acq: 8 Nov 2017 23:40

Tot Ion: 70 Resp: 69072

Ion Ratio Lower Upper

70	100		
42	55.8	47.5	71.3
101	0.0	7.4	11.2
130	2.1	16.6	25.0

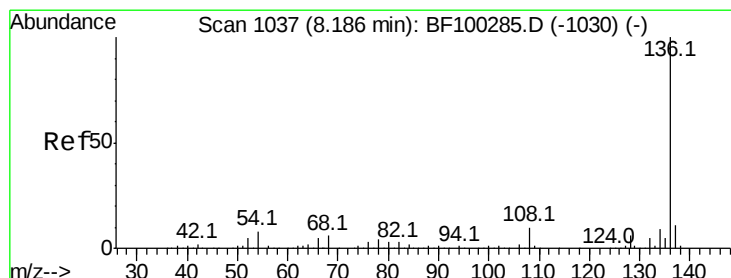
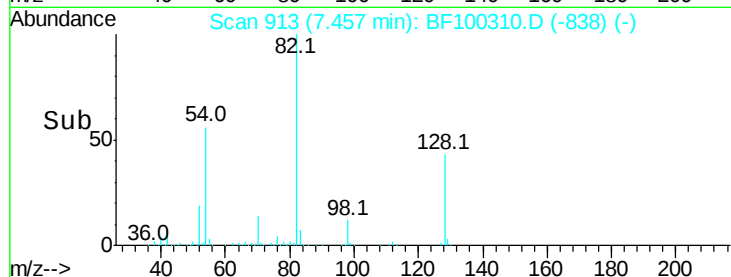
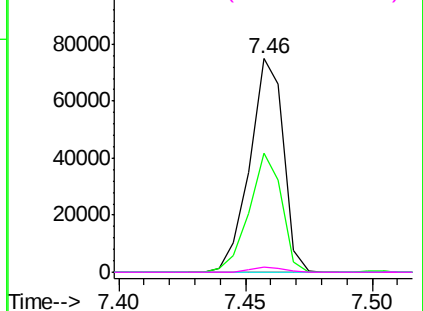


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF100310.D

Acq: 8 Nov 2017 23:40

Tgt Ion: 136 Resp: 610886

Ion Ratio Lower Upper

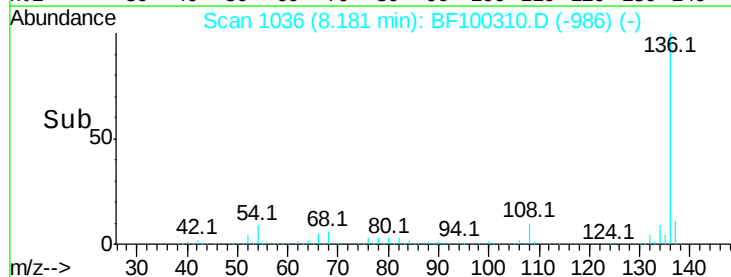
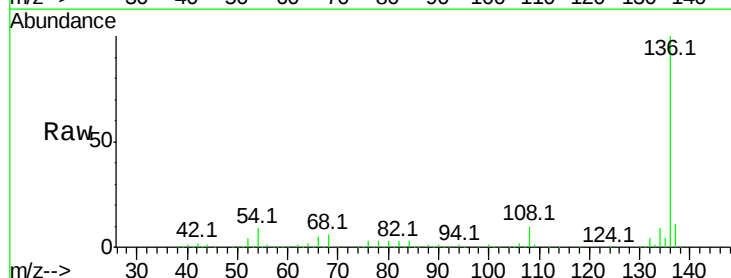
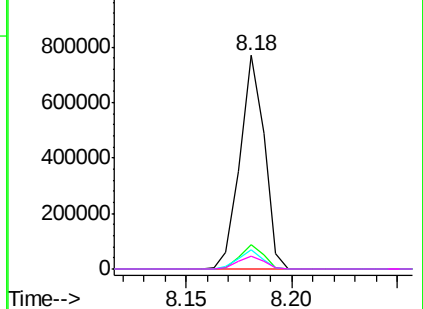
136	100		
137	11.2	8.9	13.3
54	9.1	6.6	9.8
68	6.2	5.0	7.4

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

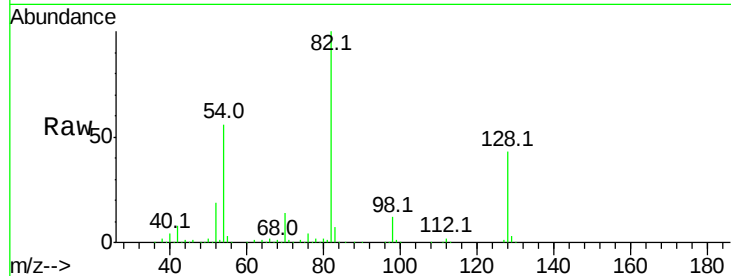
Ion 68.00 (67.70 to 68.70): BF1



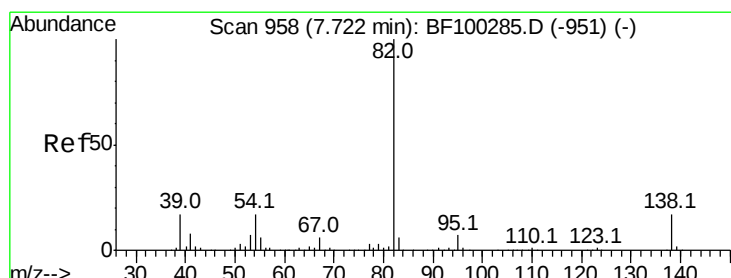
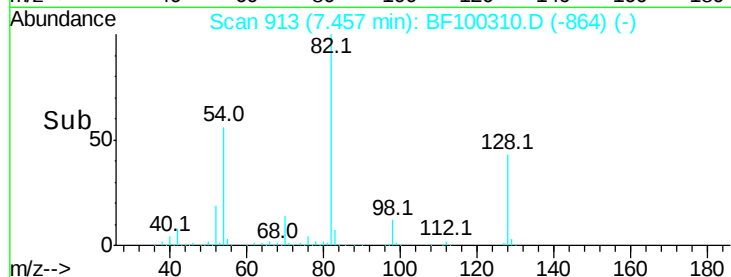
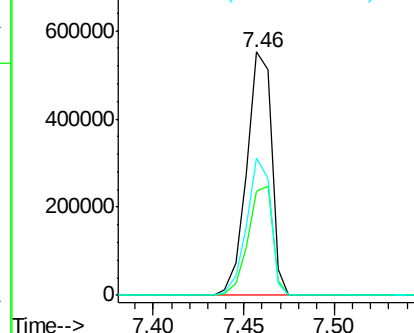


#23
 Nitrobenzene-d5
 Concen: 56.628 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: BF100310.D
 Acq: 8 Nov 2017 23:40

Tot Ion	82	Resp	523240
Ion Ratio	100	Lower	Upper
128	43.0	36.1	54.1
54	56.3	41.4	62.2

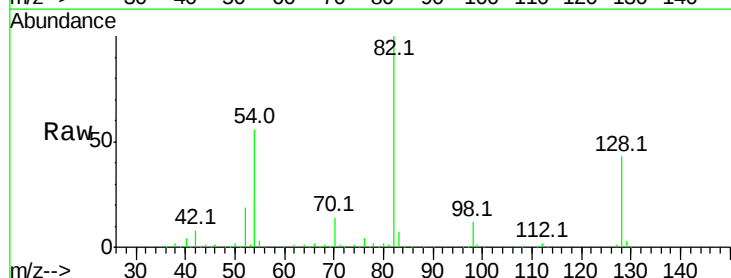


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

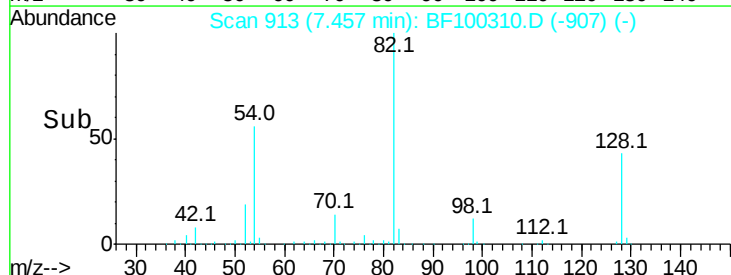
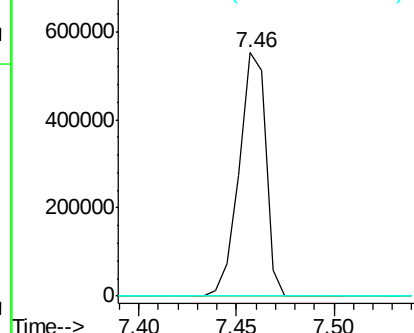


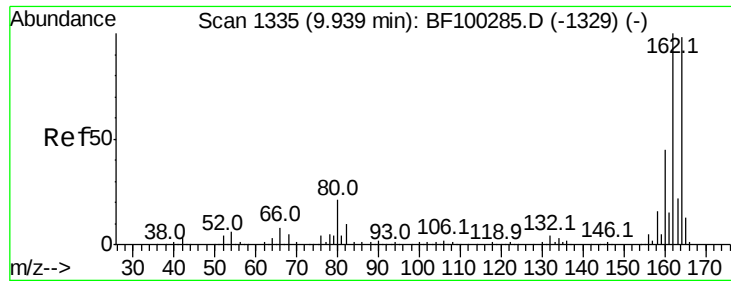
#25
 Isophorone
 Concen: 26.947 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.26 min
 Lab File: BF100310.D
 Acq: 8 Nov 2017 23:40

Tgt Ion	82	Resp	523231
Ion Ratio	100	Lower	Upper
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#



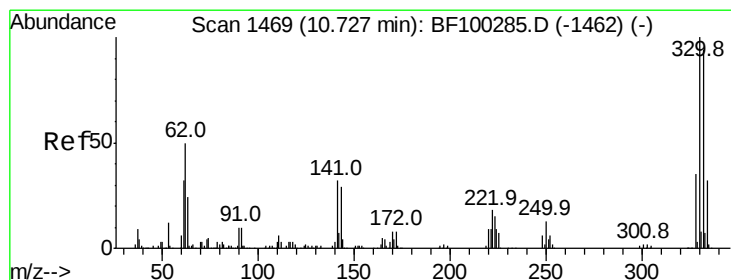
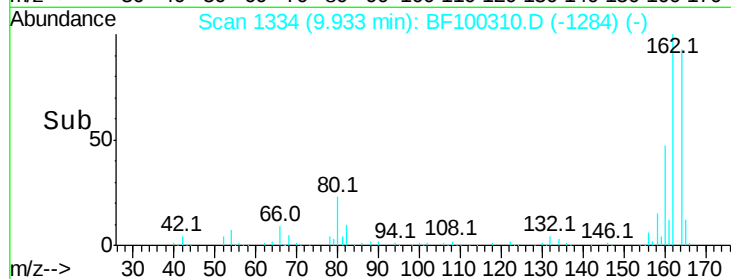
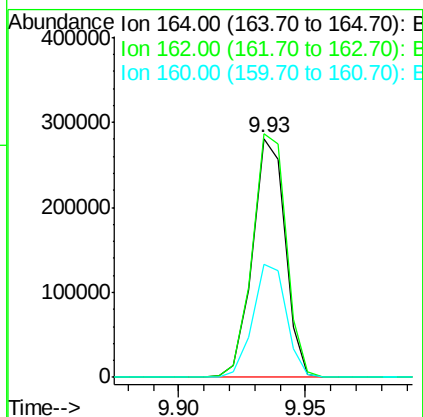
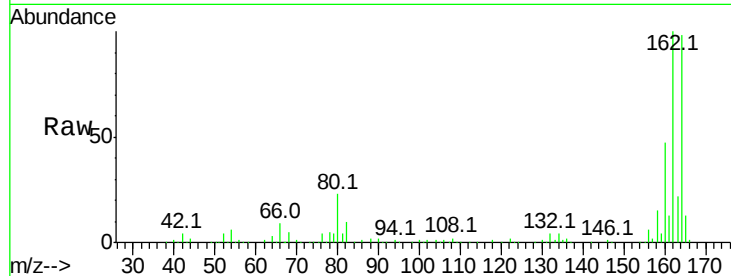
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 138.00 (137.70 to 138.70): BF1





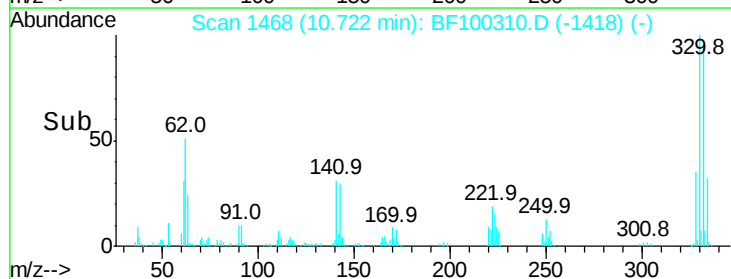
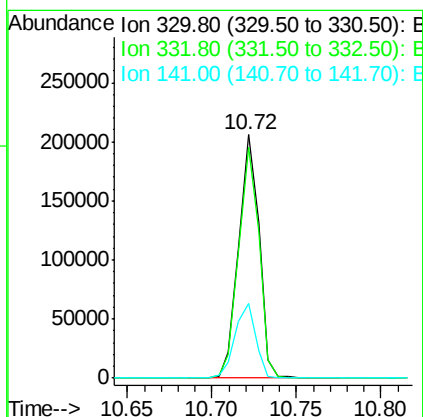
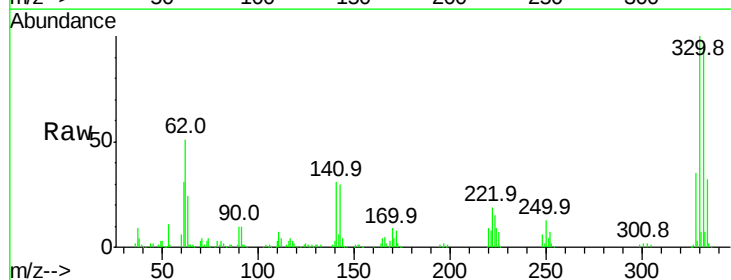
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF100310.D
Acq: 8 Nov 2017 23:40

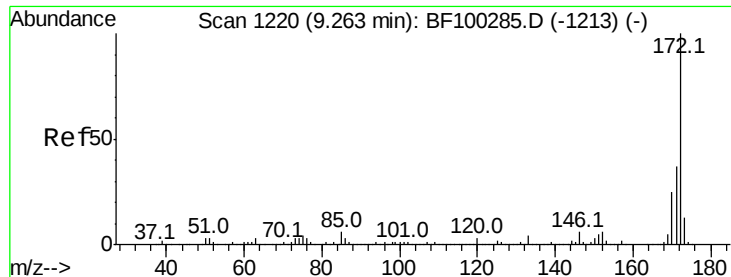
Tot Ion:164 Resp: 253717
Ion Ratio Lower Upper
164 100
162 102.0 86.1 129.1
160 47.5 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 67.160 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.01 min
Lab File: BF100310.D
Acq: 8 Nov 2017 23:40

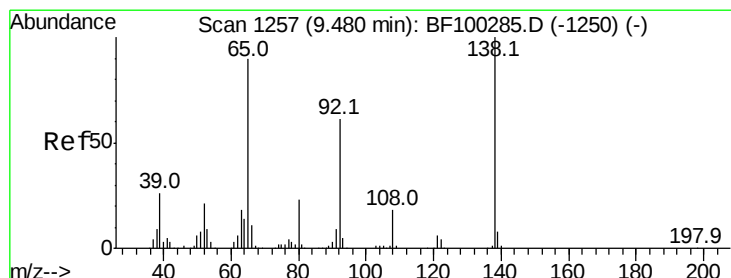
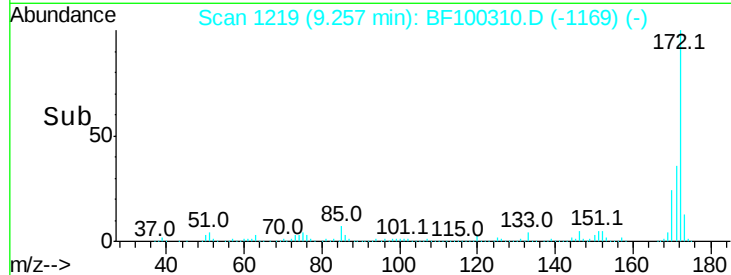
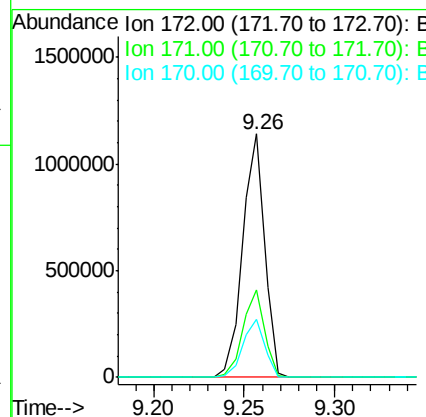
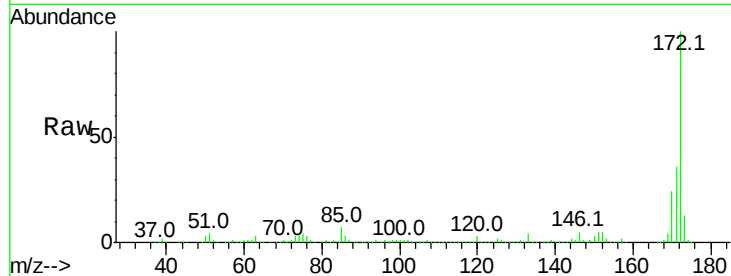
Tgt Ion:330 Resp: 173634
Ion Ratio Lower Upper
330 100
332 95.1 77.0 115.6
141 31.0 29.9 44.9





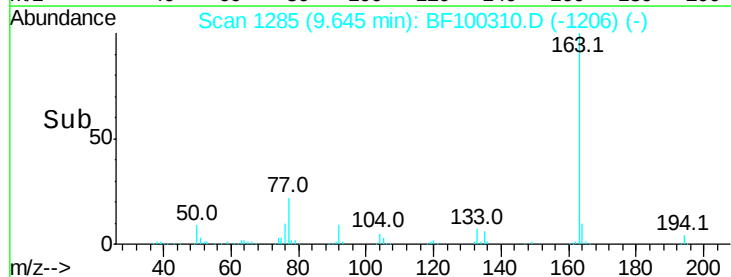
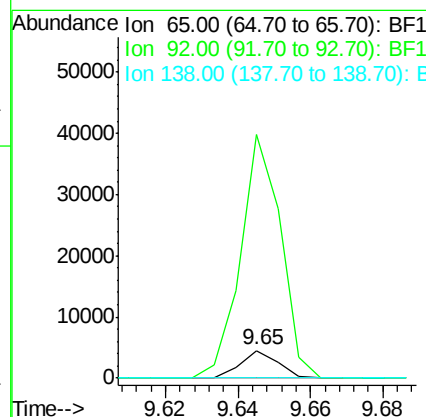
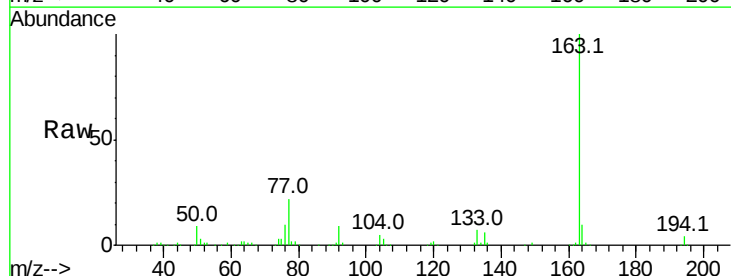
#44
 2-Fluorobiphenyl
 Concen: 57.536 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BF100310.D
 Acq: 8 Nov 2017 23:40

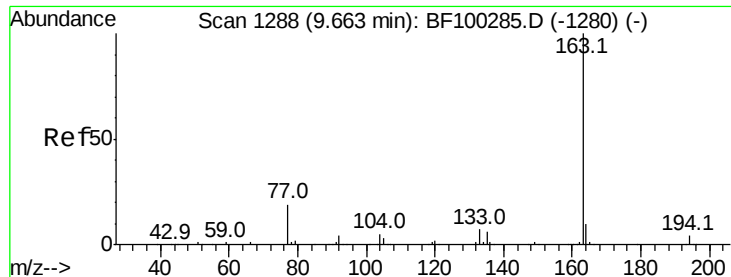
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.9	19.6	29.4



#47
 2-Nitroaniline
 Concen: 3.426 ng
 RT: 9.65 min Scan# 1285
 Delta R.T. 0.17 min
 Lab File: BF100310.D
 Acq: 8 Nov 2017 23:40

Tgt Ion	Ratio	Lower	Upper
65	100		
92	880.6	55.8	83.6#
138	0.0	91.2	136.8#





#49

Dimethylphthalate

Concen: 18.902 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.02 min

Lab File: BF100310.D

Acq: 8 Nov 2017 23:40

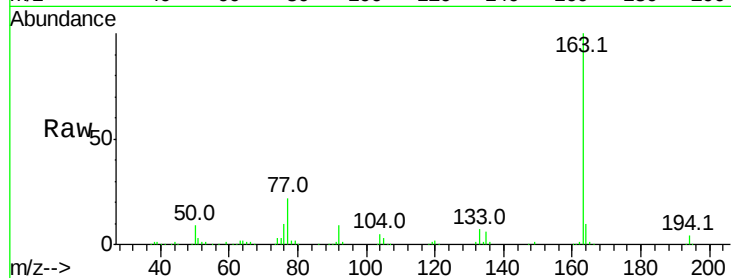
Tot Ion:163 Resp: 366161

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

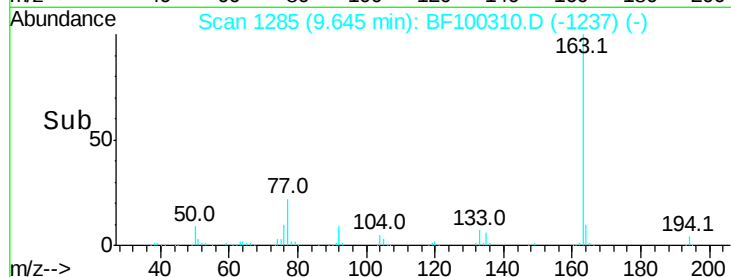
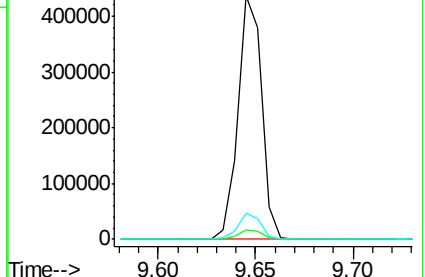
164 10.4 8.2 12.2



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: 6.757 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.19 min

Lab File: BF100310.D

Acq: 8 Nov 2017 23:40

Tgt Ion:165 Resp: 32685

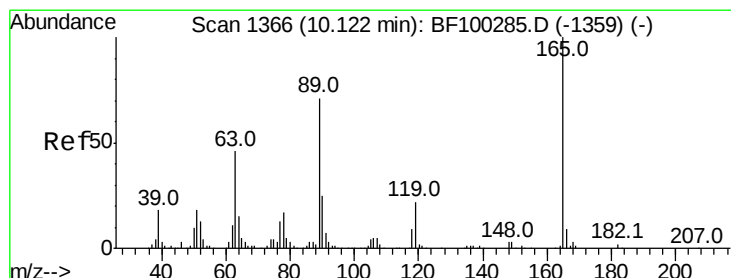
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 0.0 57.8 86.6#

182 0.0 1.6 2.4#

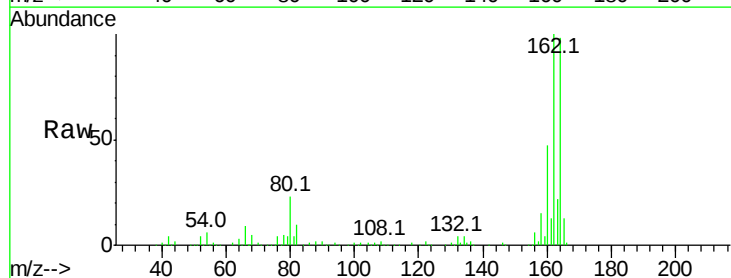
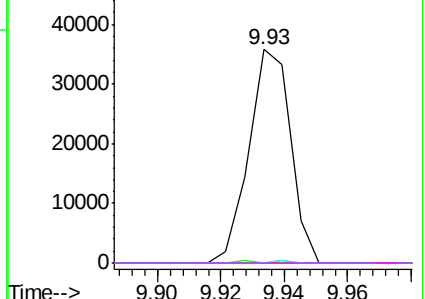


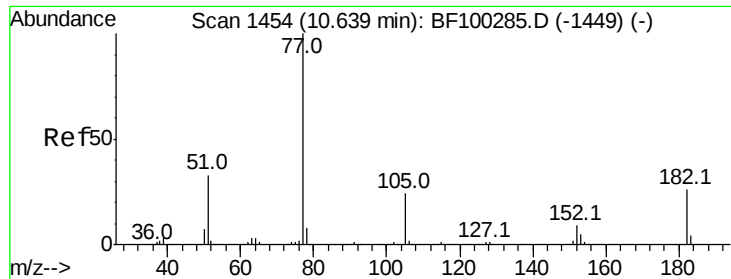
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

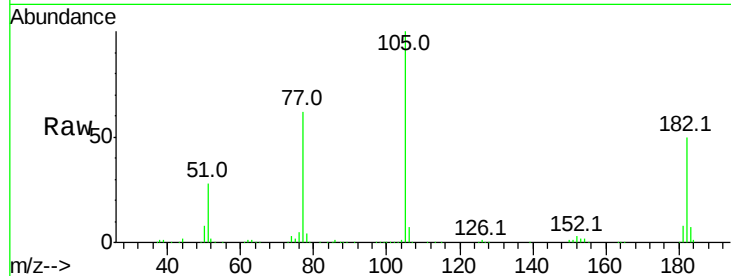
Ion 182.00 (181.70 to 182.70): E



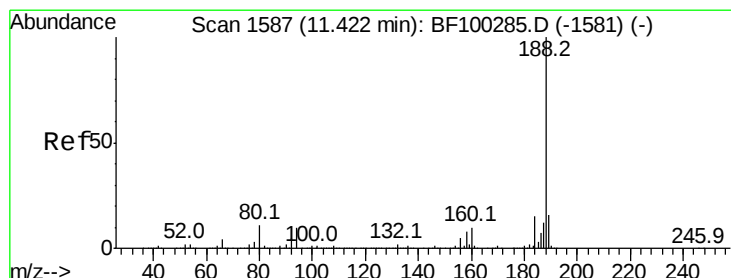
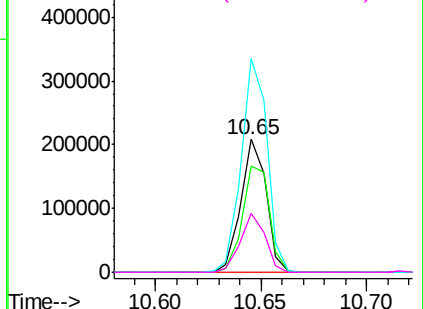
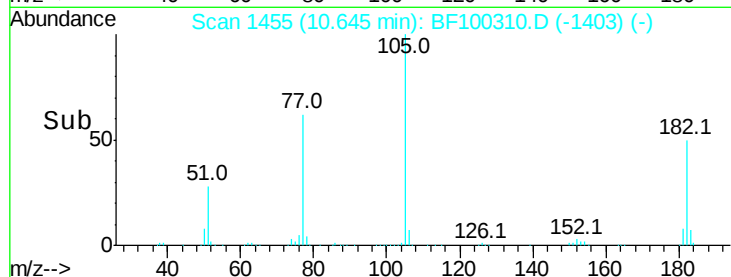


#62
Azobenzene
Concen: 9.432 ng
RT: 10.65 min Scan# 1455
Delta R.T. 0.01 min
Lab File: BF100310.D
Acq: 8 Nov 2017 23:40

Tot Ion: 77 Resp: 172219
Ion Ratio Lower Upper
77 100
182 80.0 1.7 41.7#
105 161.2 3.0 43.0#
51 44.6 9.9 49.9

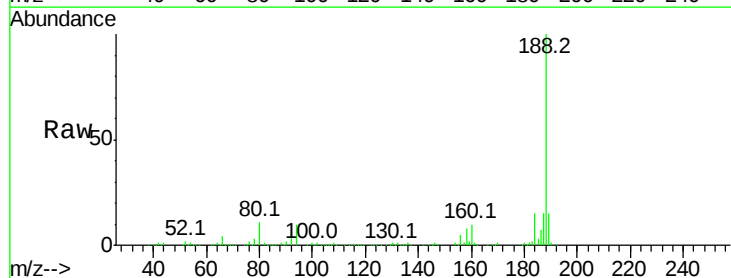


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

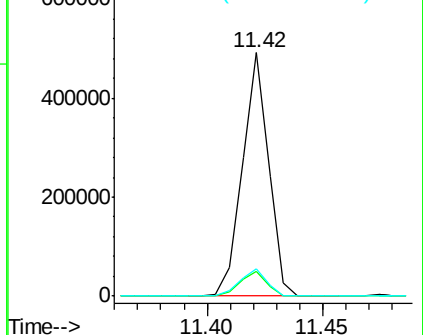
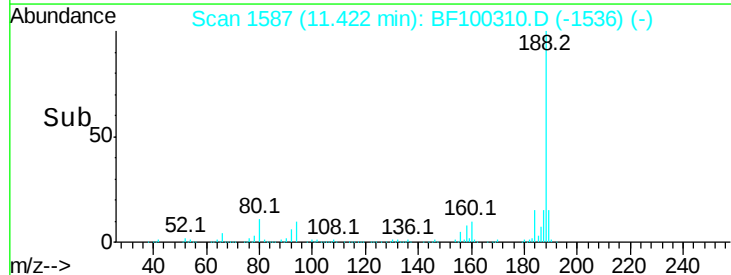


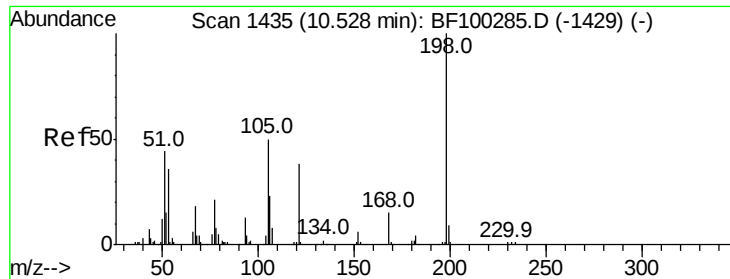
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.00 min
Lab File: BF100310.D
Acq: 8 Nov 2017 23:40

Tgt Ion: 188 Resp: 389954
Ion Ratio Lower Upper
188 100
94 10.1 8.5 12.7
80 11.1 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: 8.656 ng

RT: 10.72 min Scan# 1468

Delta R.T. 0.19 min

Lab File: BF100310.D

Acq: 8 Nov 2017 23:40

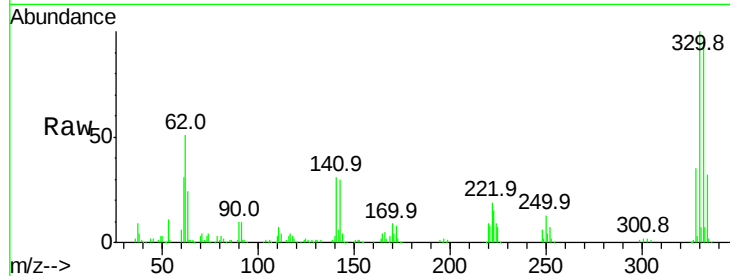
Tot Ion:198 Resp: 205

Ion Ratio Lower Upper

198 100

51 165.7 37.7 77.7#

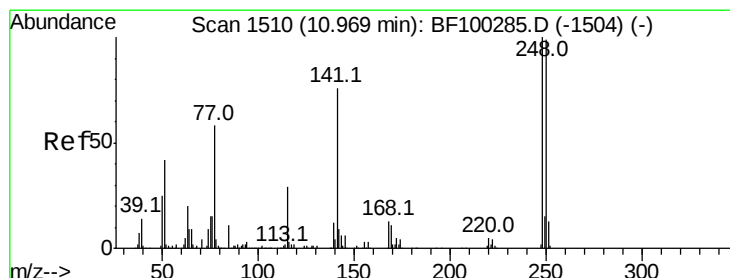
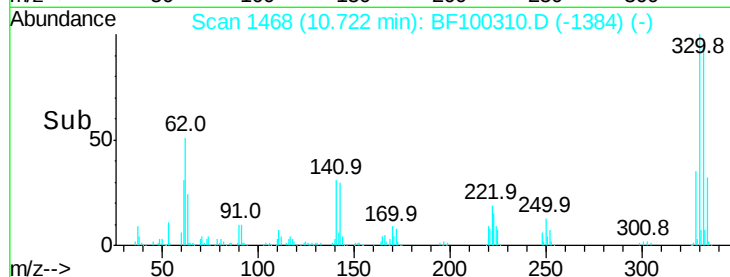
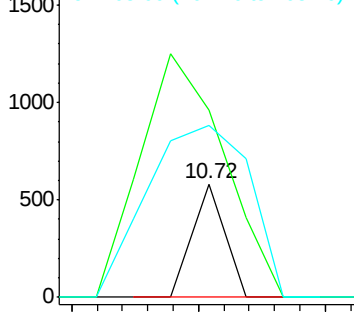
105 152.6 36.3 76.3#



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: 2.639 ng

RT: 10.72 min Scan# 1468

Delta R.T. -0.25 min

Lab File: BF100310.D

Acq: 8 Nov 2017 23:40

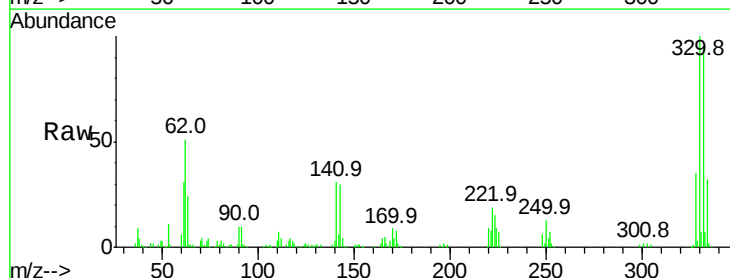
Tgt Ion:248 Resp: 11032

Ion Ratio Lower Upper

248 100

250 199.5 76.9 115.3#

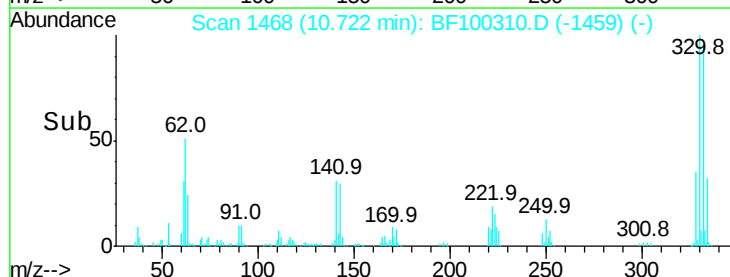
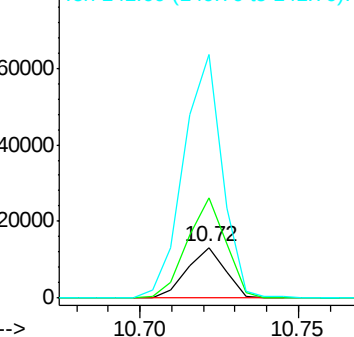
141 482.4 74.4 111.6#

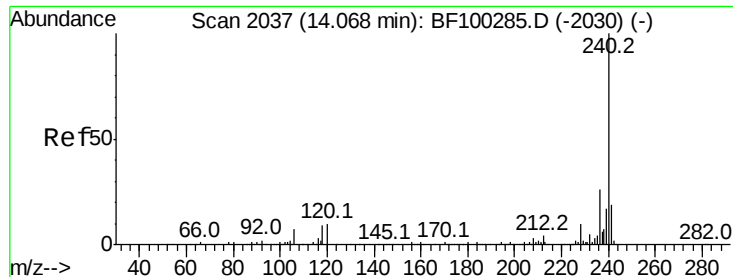


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF100310.D

Acq: 8 Nov 2017 23:40

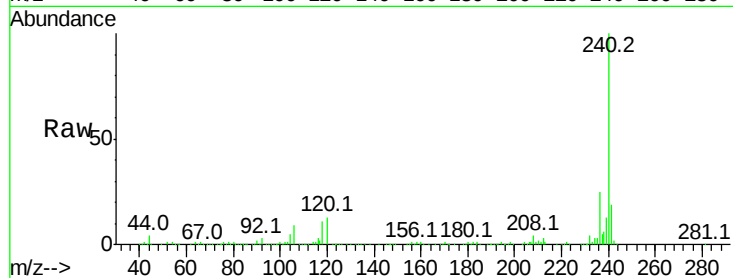
Tot Ion:240 Resp: 326053

Ion	Ratio	Lower	Upper
240	100		
120	12.5	9.5	14.3
236	25.4	20.7	31.1

240 100

120 12.5 9.5 14.3

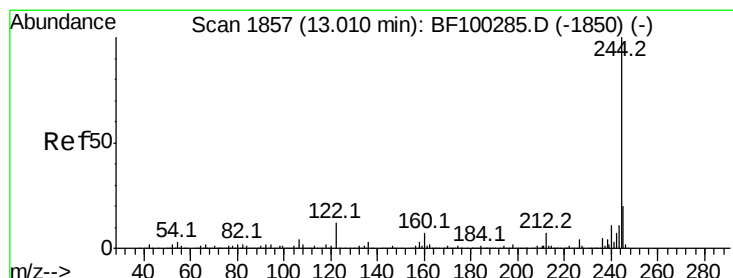
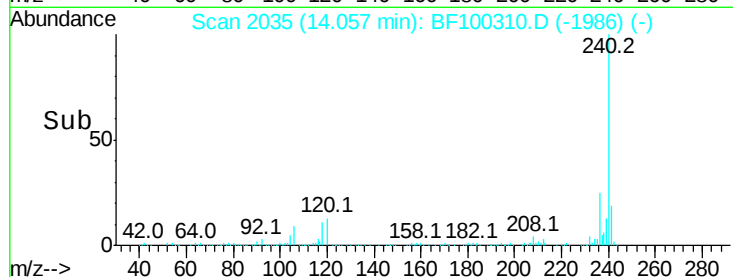
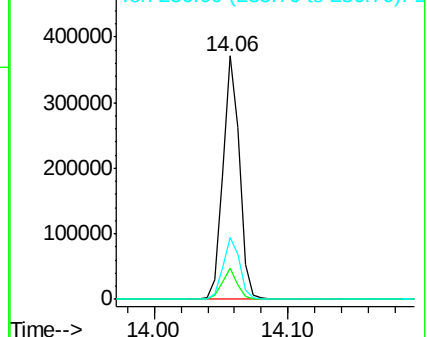
236 25.4 20.7 31.1



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: 42.936 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BF100310.D

Acq: 8 Nov 2017 23:40

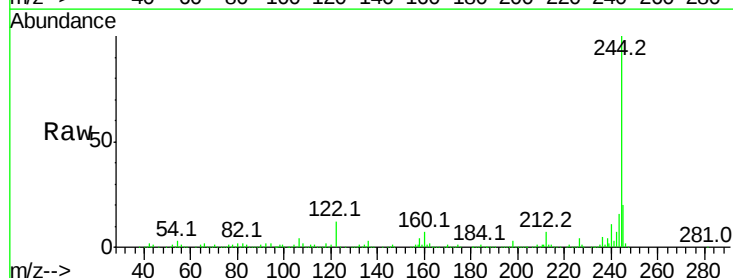
Tgt Ion:244 Resp: 609277

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	12.4	11.0	16.4

244 100

212 6.9 5.4 8.0

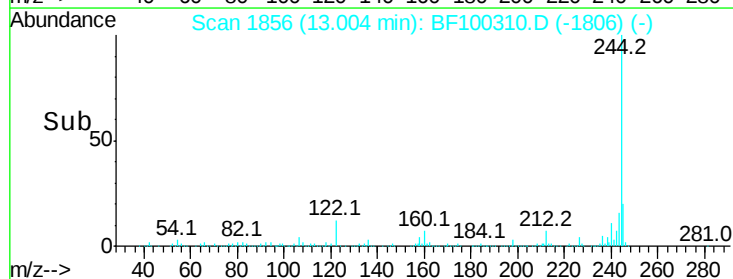
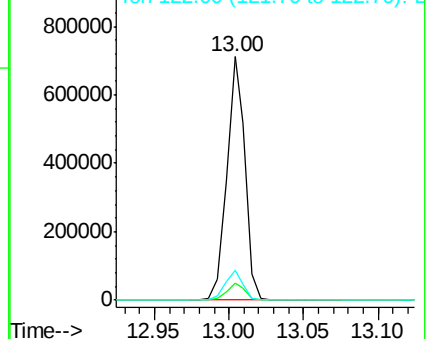
122 12.4 11.0 16.4

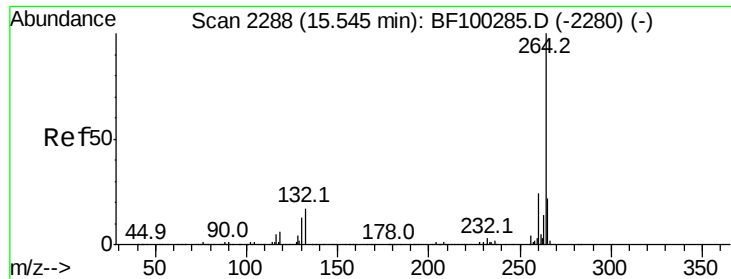


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

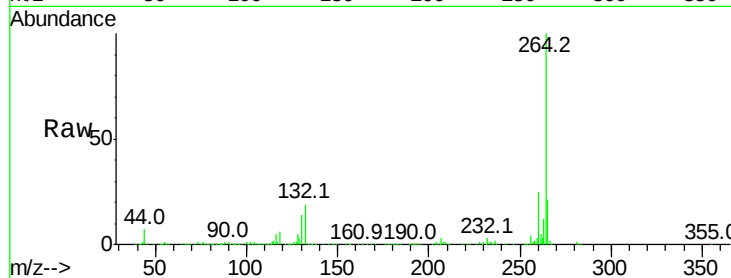
Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2287
 Delta R.T. -0.01 min
 Lab File: BF100310.D
 Acq: 8 Nov 2017 23:40

Tot Ion:	264	Resp:	309021
Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.5	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

