

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110817\
 Data File : BF100299.D
 Acq On : 8 Nov 2017 18:43
 Operator : SJ/JU
 Sample : I6359-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 09 00:11:35 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	192806	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	776381	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	356322	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	643875	20.00	ng	0.00
75) Chrysene-d12	14.06	240	412278	20.00	ng	-0.01
86) Perylene-d12	15.54	264	406255	20.00	ng	0.00

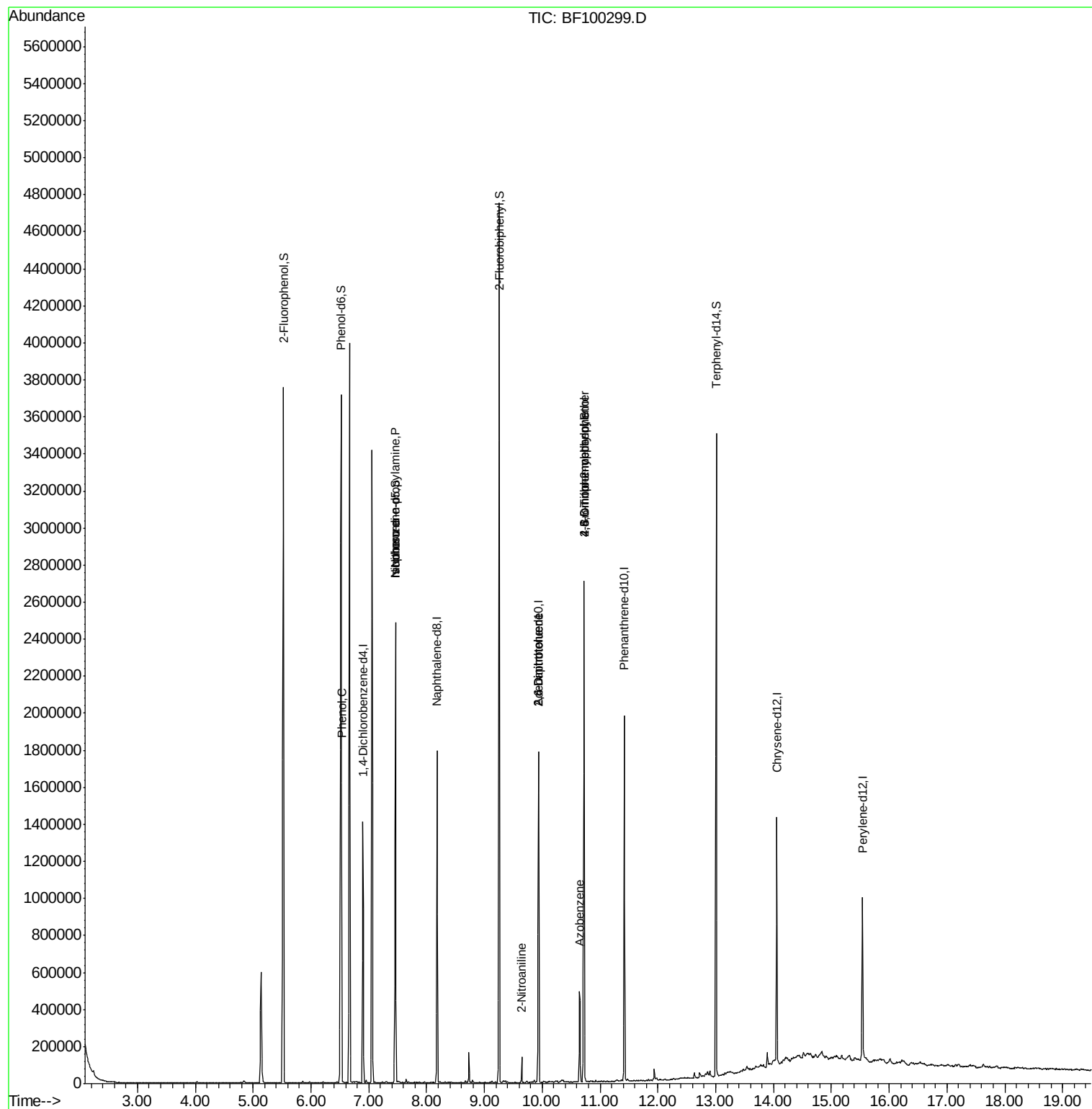
System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	1111737	92.43	ng	0.01
7) Phenol-d6	6.52	99	1358682	91.60	ng	0.00
23) Nitrobenzene-d5	7.46	82	825153	70.27	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	341201	93.97	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1545387	66.04	ng	0.00
78) Terphenyl-d14	13.01	244	1226753	68.37	ng	0.00

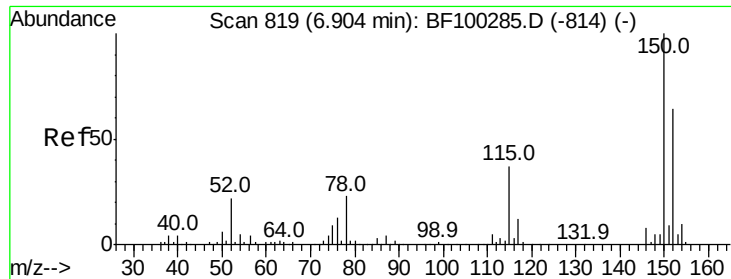
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.53	94	36152	2.322	ng	95
19) n-Nitroso-di-n-propylamine	7.46	70	111846	10.874	ng	# 82
25) Isophorone	7.46	82	825138	33.437	ng	# 64
47) 2-Nitroaniline	9.65	65	319	2.829	ng	# 1
50) 2,6-Dinitrotoluene	9.93	165	45464	8.442	ng	# 26
56) 2,4-Dinitrotoluene	9.93	165	45464	6.692	ng	# 23
62) Azobenzene	10.65	77	83328	3.250	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.72	198	536	8.705	ng	# 1
66) 4-Bromophenyl-phenylether	10.72	248	20779	3.010	ng	# 1

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

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110817\
Data File : BF100299.D
Acq On : 8 Nov 2017 18:43
Operator : SJ/JU
Sample : I6359-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 09 00:11:35 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

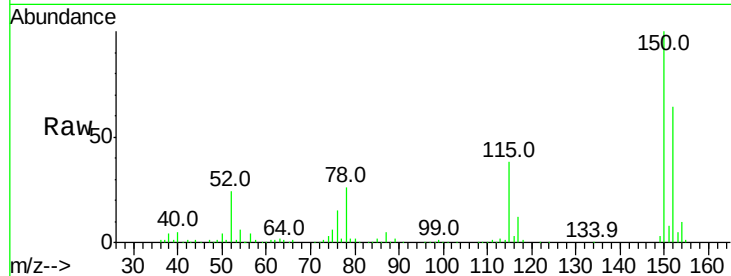




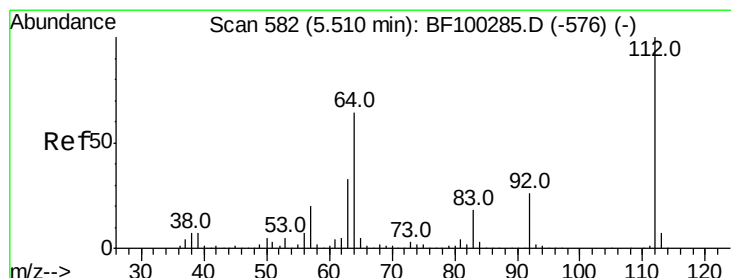
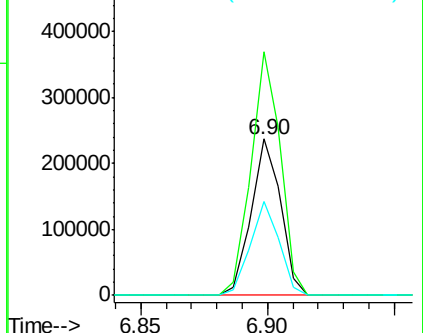
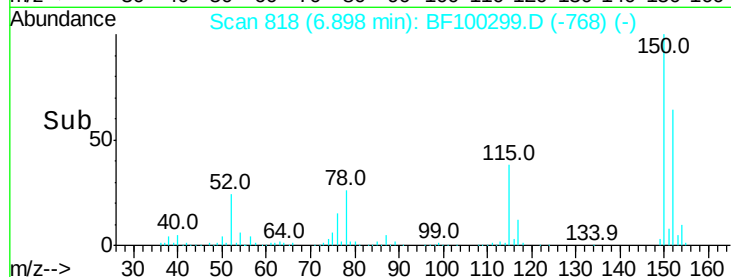
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF100299.D
Acq: 8 Nov 2017 18:43

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.6	186.8
115	59.7	50.1	75.1



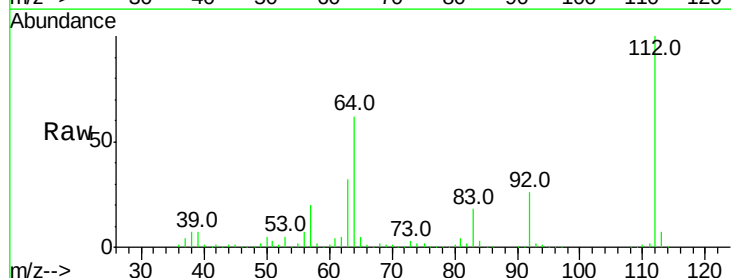
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



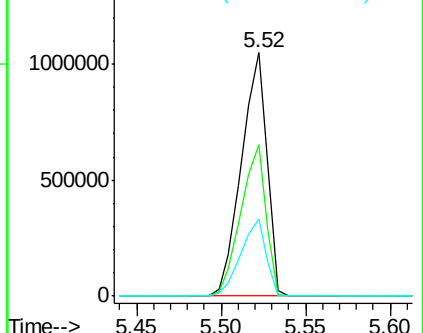
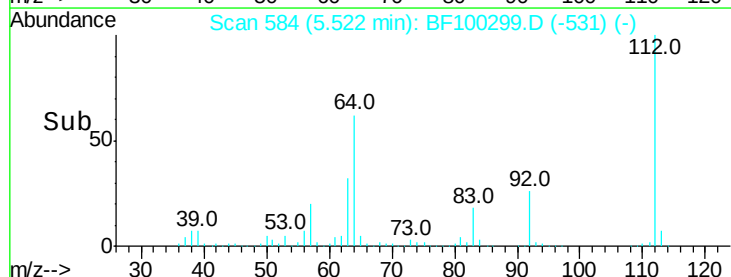
#5

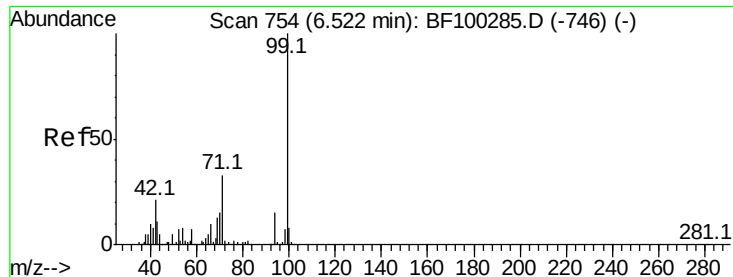
2-Fluorophenol
Concen: 92.430 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF100299.D
Acq: 8 Nov 2017 18:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.2	47.9	71.9
63	31.7	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: 91.605 ng

RT: 6.52 min Scan# 754

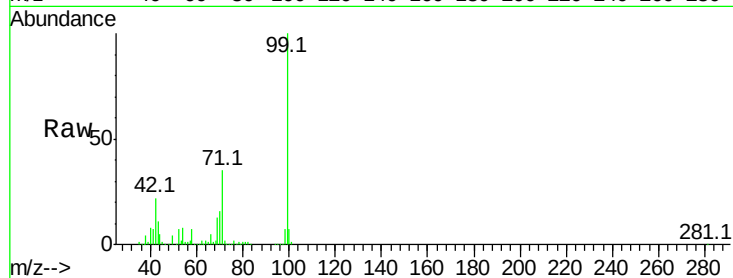
Delta R.T. 0.00 min

Lab File: BF100299.D

Acq: 8 Nov 2017 18:43

Tot Ion: 99 Resp: 1358682

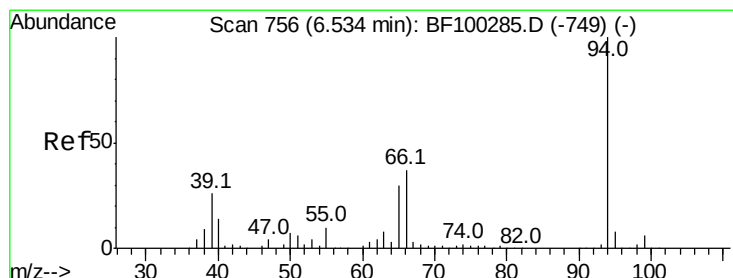
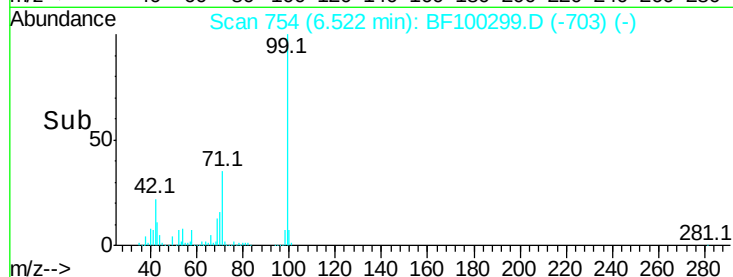
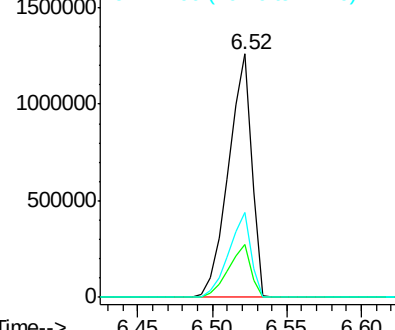
Ion	Ratio	Lower	Upper
99	100		
42	21.7	14.5	21.7
71	34.6	25.4	38.0



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: 2.322 ng

RT: 6.53 min Scan# 756

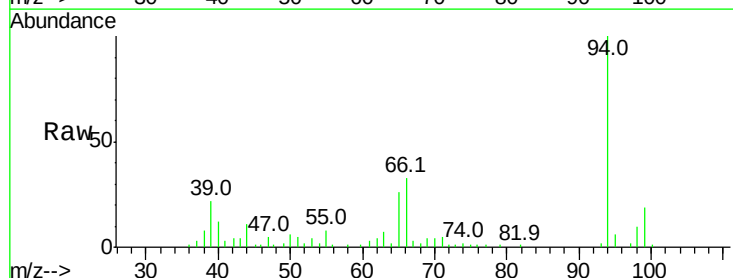
Delta R.T. 0.00 min

Lab File: BF100299.D

Acq: 8 Nov 2017 18:43

Tgt Ion: 94 Resp: 36152

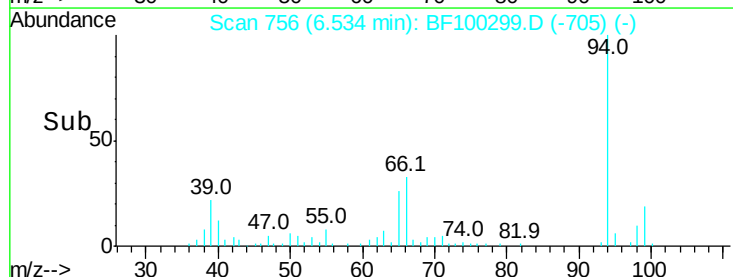
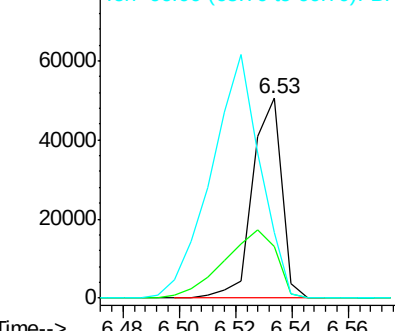
Ion	Ratio	Lower	Upper
94	100		
65	26.2	7.9	47.9
66	33.0	16.2	56.2

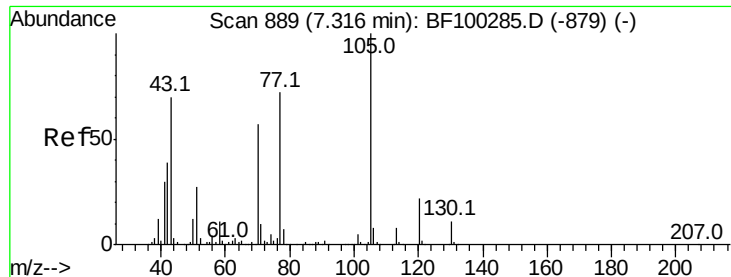


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

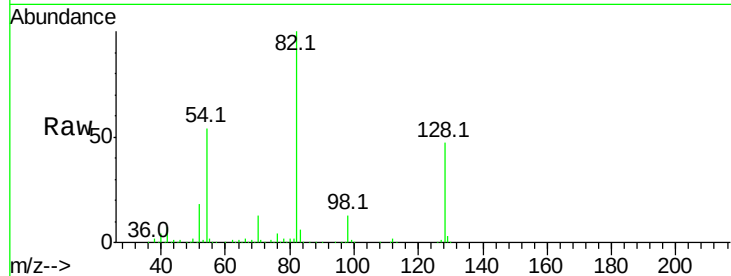
Ion 66.00 (65.70 to 66.70): BF1



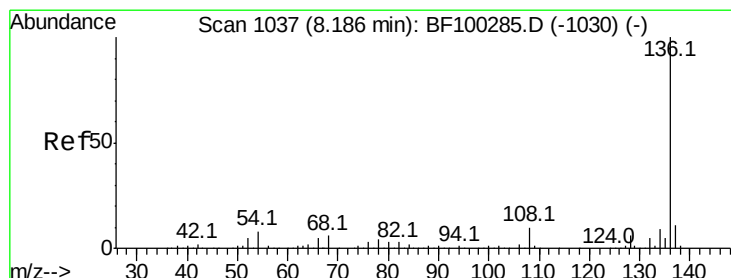
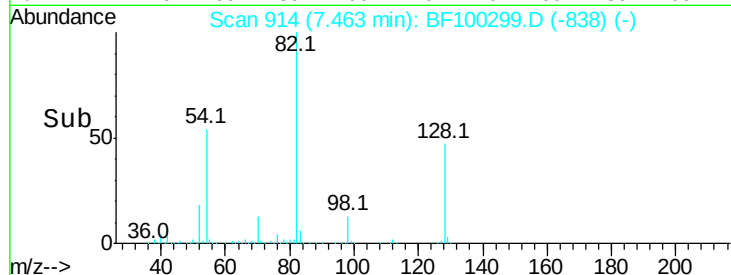
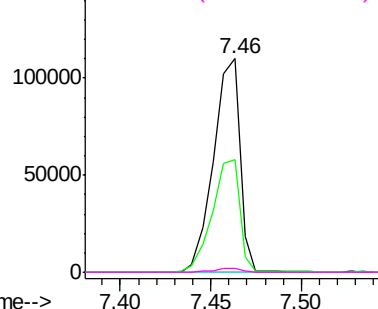


#19
n-Nitroso-di-n-propylamine
Concen: 10.874 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.15 min
Lab File: BF100299.D
Acq: 8 Nov 2017 18:43

Tot Ion: 70 Resp: 111846
Ion Ratio Lower Upper
70 100
42 52.9 47.5 71.3
101 0.0 7.4 11.2#
130 2.0 16.6 25.0#

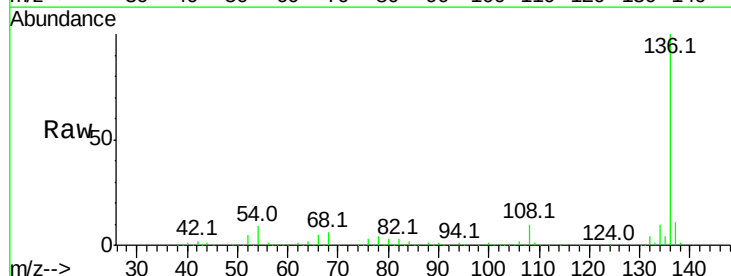


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

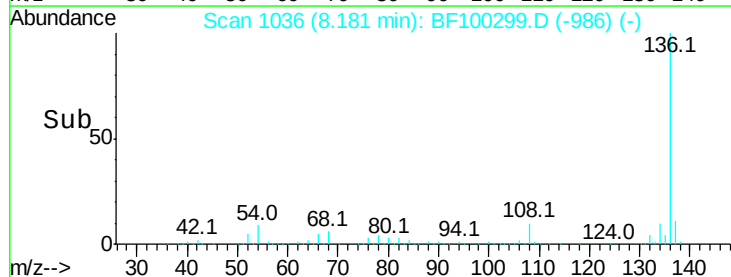
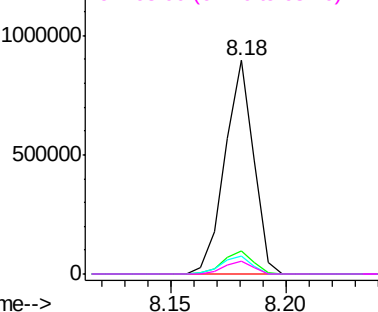


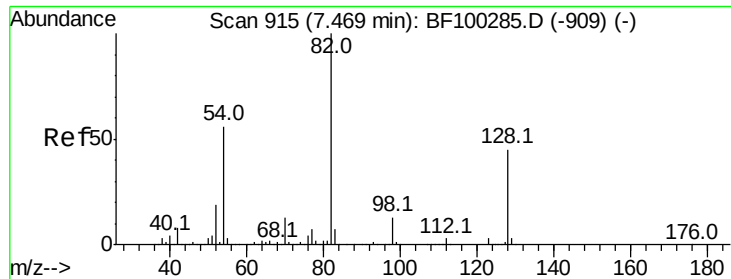
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF100299.D
Acq: 8 Nov 2017 18:43

Tgt Ion: 136 Resp: 776381
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 8.7 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: 70.267 ng

RT: 7.46 min Scan# 914

Delta R.T. -0.01 min

Lab File: BF100299.D

Acq: 8 Nov 2017 18:43

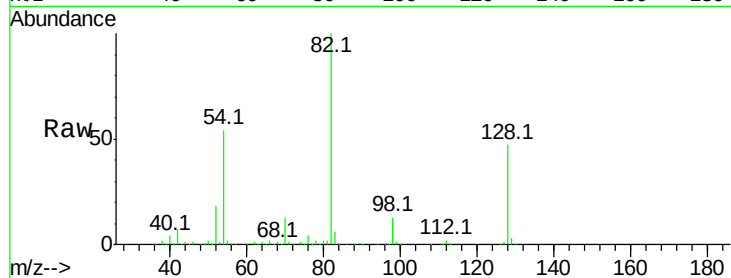
Tot Ion: 82 Resp: 825153

Ion Ratio Lower Upper

82 100

128 46.5 36.1 54.1

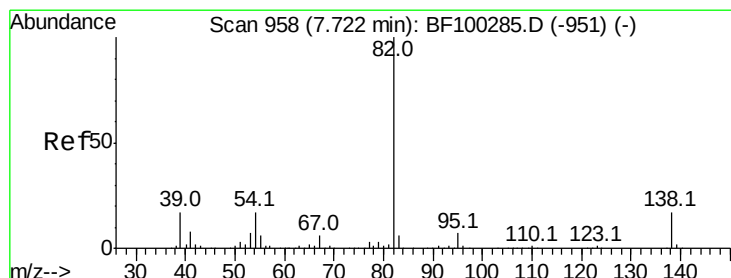
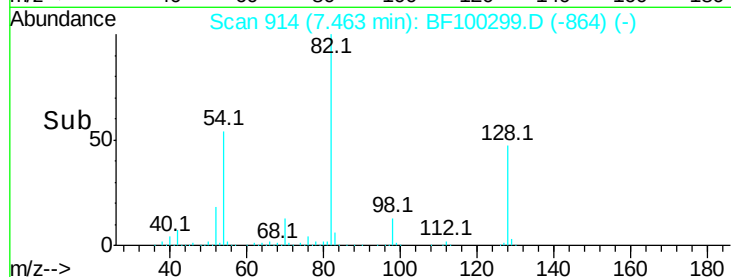
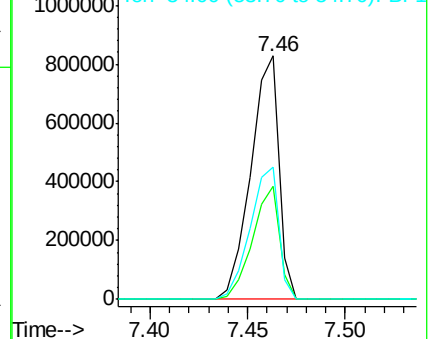
54 54.4 41.4 62.2



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: 33.437 ng

RT: 7.46 min Scan# 914

Delta R.T. -0.26 min

Lab File: BF100299.D

Acq: 8 Nov 2017 18:43

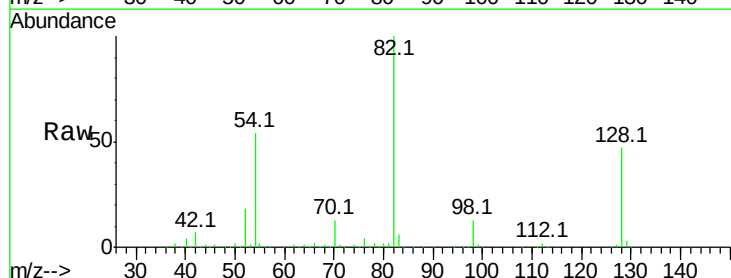
Tgt Ion: 82 Resp: 825138

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

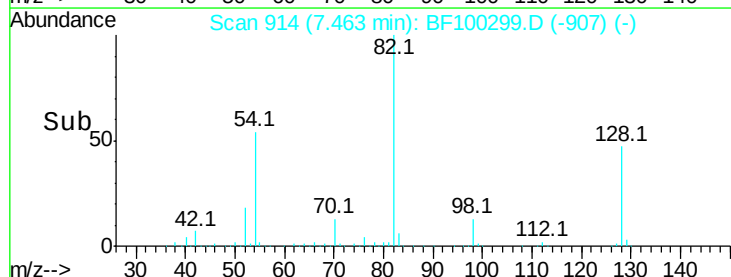
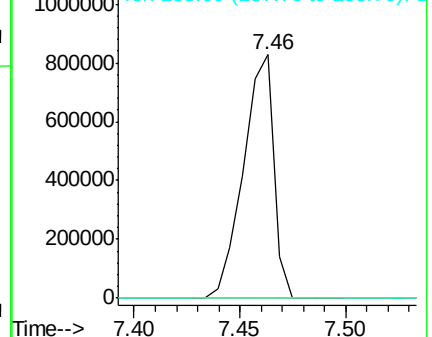
138 0.0 14.9 22.3#

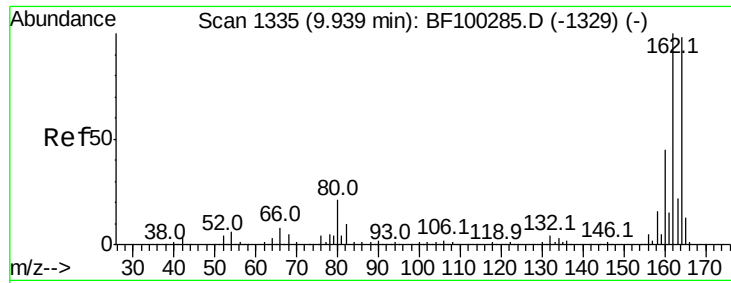


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: 9.93 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BF100299.D

Acq: 8 Nov 2017 18:43

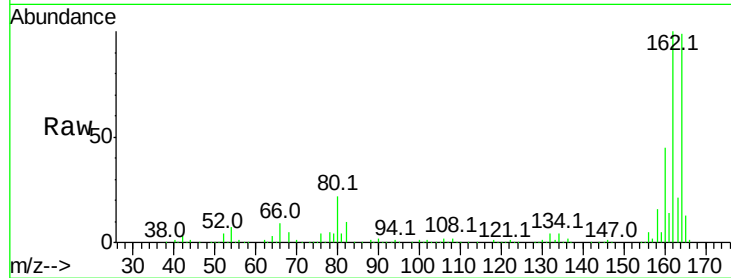
Tot Ion:164 Resp: 356322

Ion Ratio Lower Upper

164 100

162 100.8 86.1 129.1

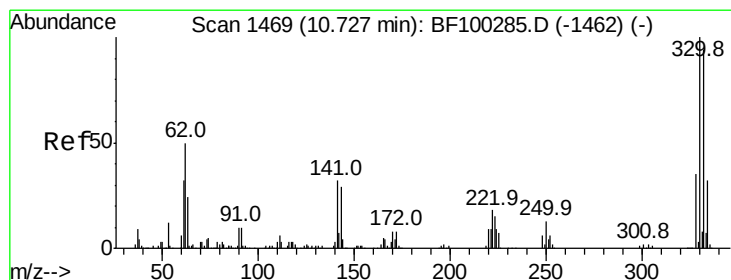
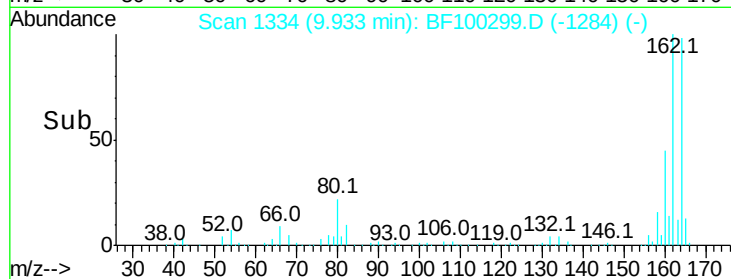
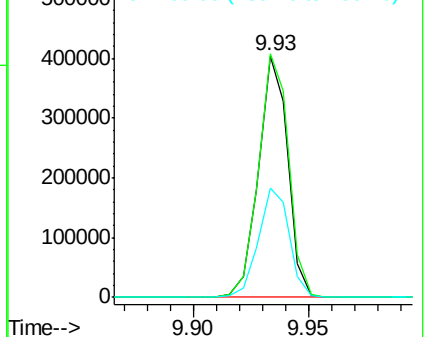
160 45.2 38.3 57.5



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: 93.971 ng

RT: 10.72 min Scan# 1468

Delta R.T. -0.01 min

Lab File: BF100299.D

Acq: 8 Nov 2017 18:43

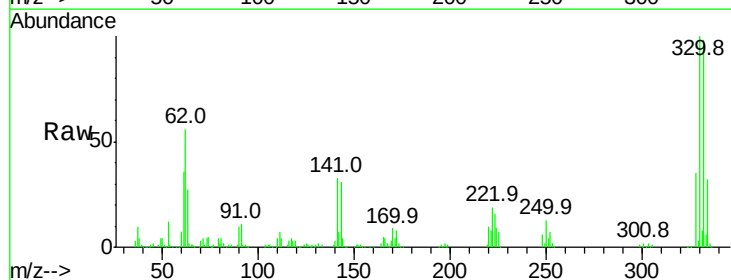
Tgt Ion:330 Resp: 341201

Ion Ratio Lower Upper

330 100

332 96.6 77.0 115.6

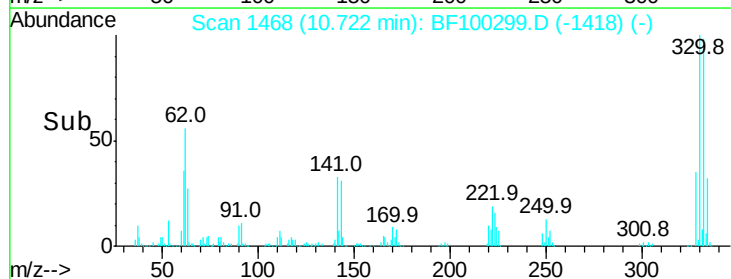
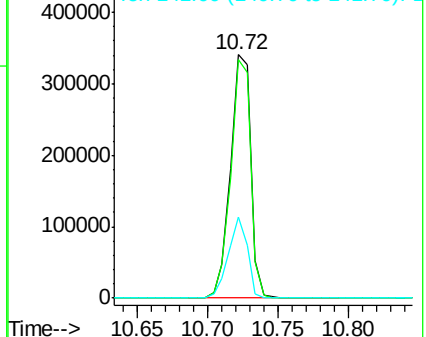
141 31.2 29.9 44.9

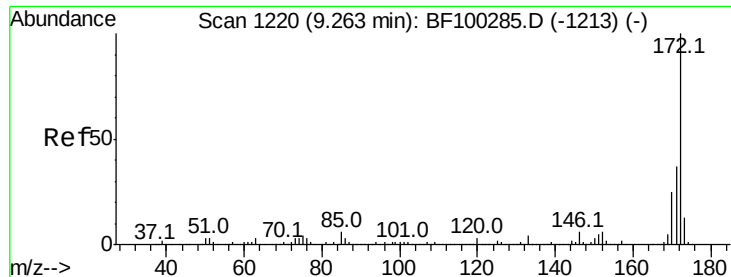


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

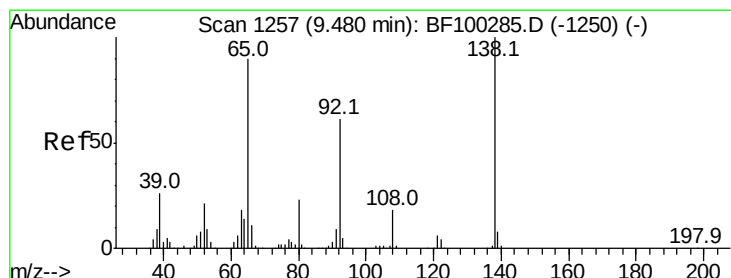
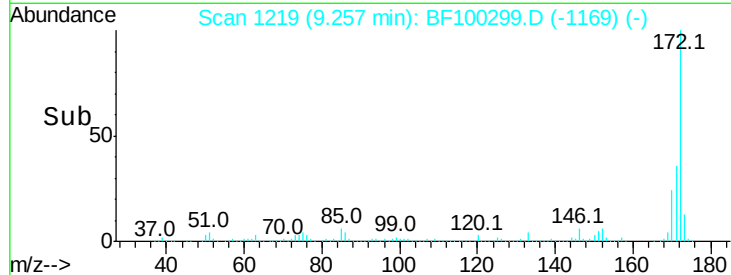
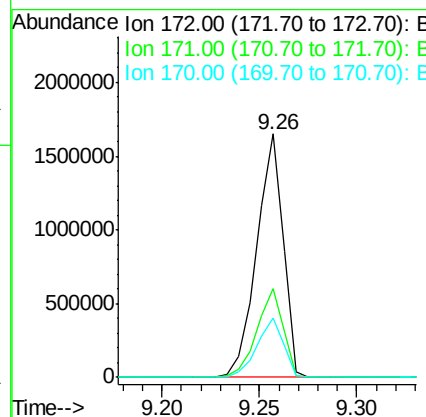
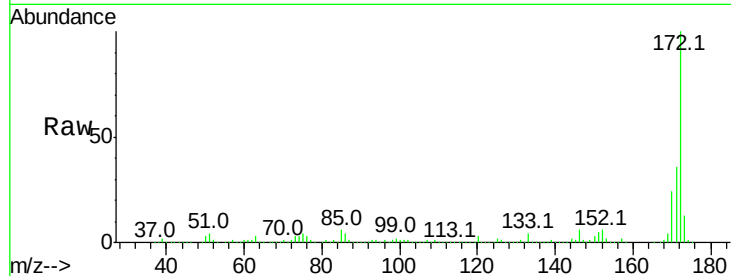




#44
 2-Fluorobiphenyl
 Concen: 66.041 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.00 min
 Lab File: BF100299.D
 Acq: 8 Nov 2017 18:43

Tot Ion:172 Resp: 1545387

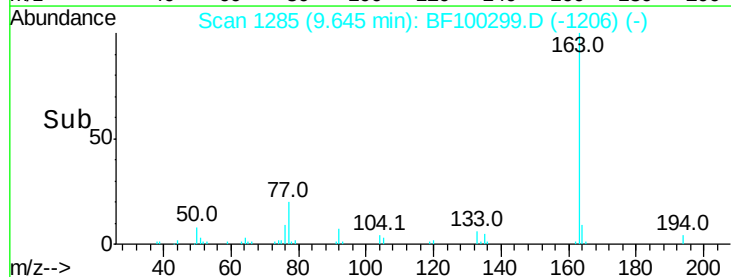
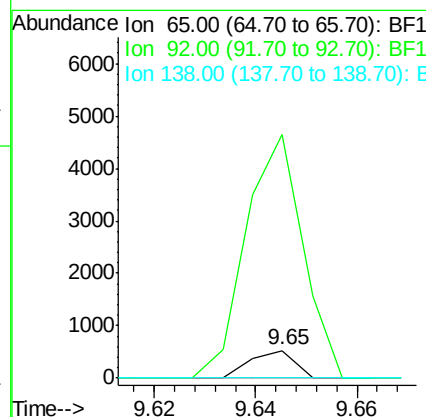
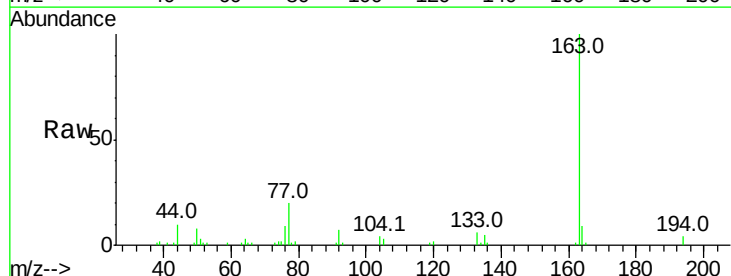
Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.2	19.6	29.4

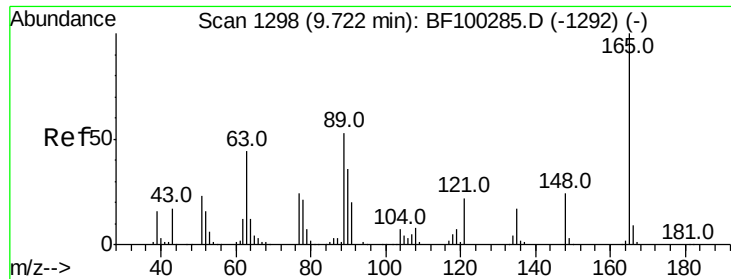


#47
 2-Nitroaniline
 Concen: 2.829 ng
 RT: 9.65 min Scan# 1285
 Delta R.T. 0.17 min
 Lab File: BF100299.D
 Acq: 8 Nov 2017 18:43

Tgt Ion: 65 Resp: 319

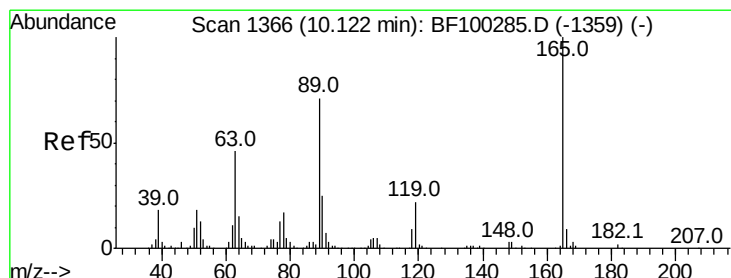
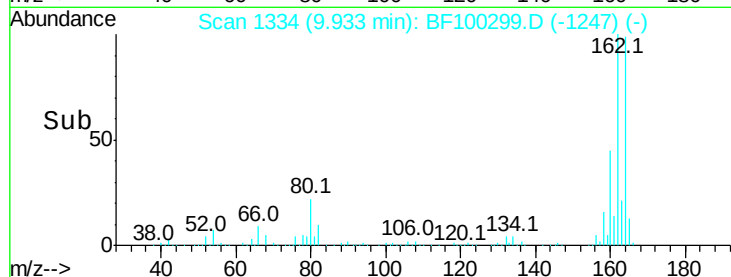
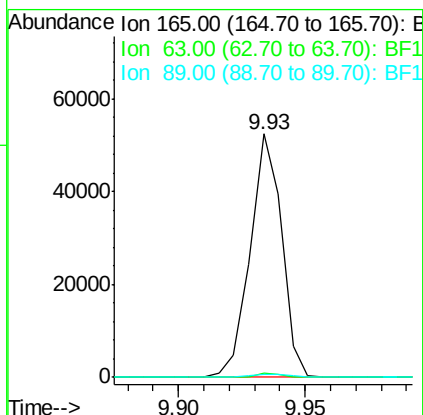
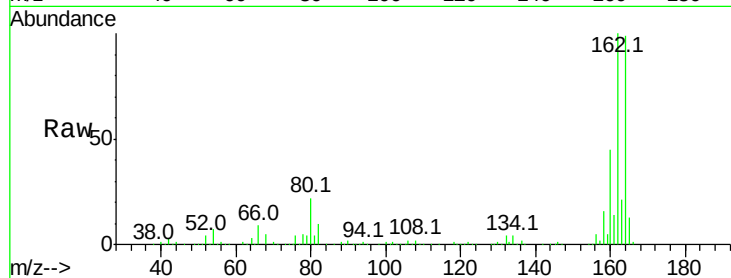
Ion	Ratio	Lower	Upper
65	100		
92	875.0	55.8	83.6#
138	0.0	91.2	136.8#





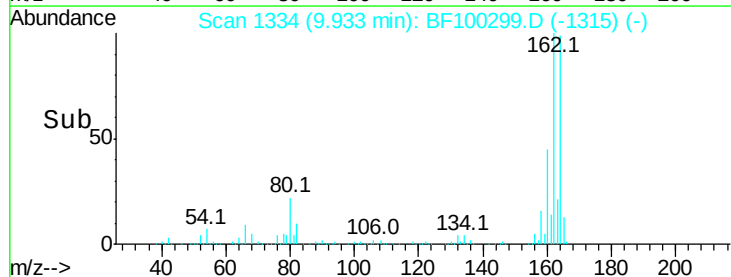
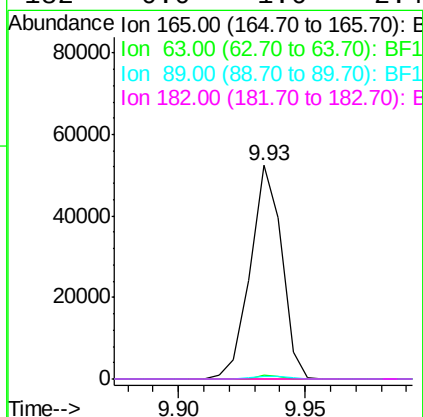
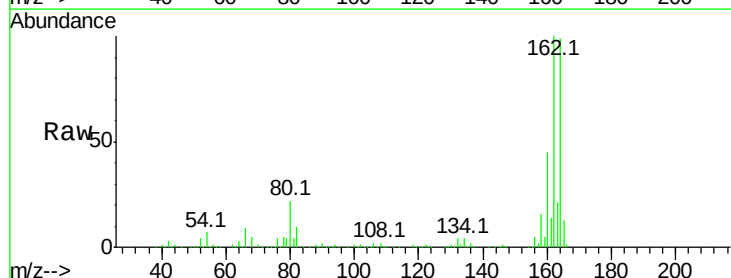
#50
 2,6-Dinitrotoluene
 Concen: 8.442 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. 0.21 min
 Lab File: BF100299.D
 Acq: 8 Nov 2017 18:43

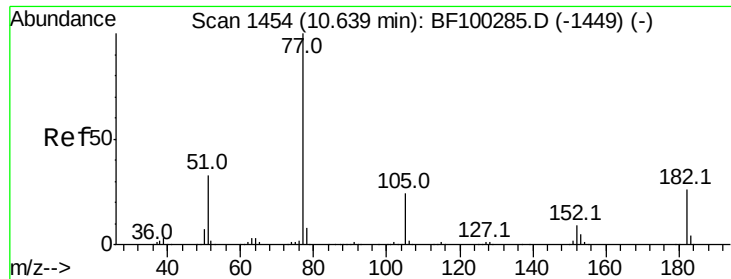
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.7	67.1#
89	1.3	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.692 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.19 min
 Lab File: BF100299.D
 Acq: 8 Nov 2017 18:43

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#





#62

Azobenzene

Concen: 3.250 ng

RT: 10.65 min Scan# 1455

Delta R.T. 0.01 min

Lab File: BF100299.D

Acq: 8 Nov 2017 18:43

Tot Ion: 77 Resp: 83328

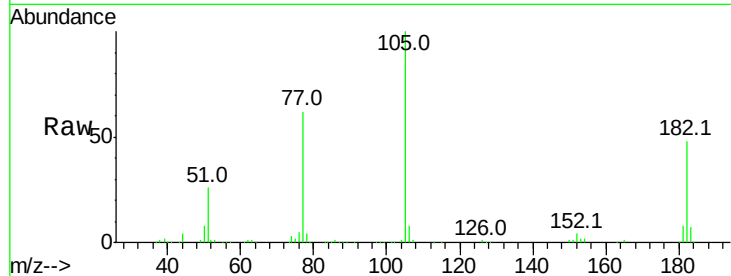
Ion Ratio Lower Upper

77 100

182 77.6 1.7 41.7#

105 161.9 3.0 43.0#

51 41.9 9.9 49.9

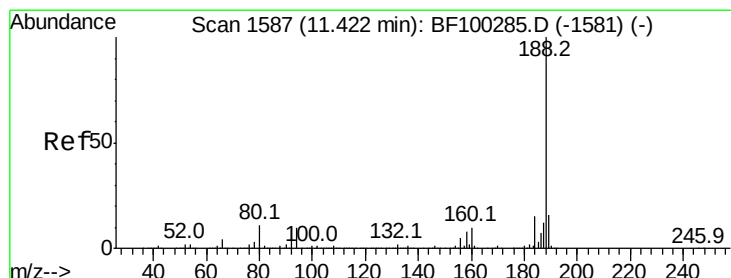
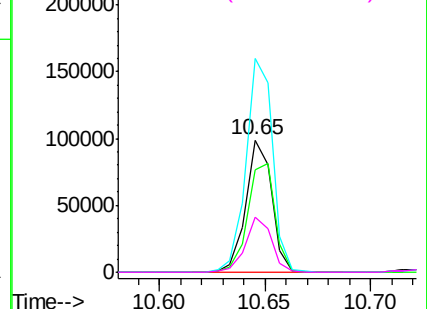
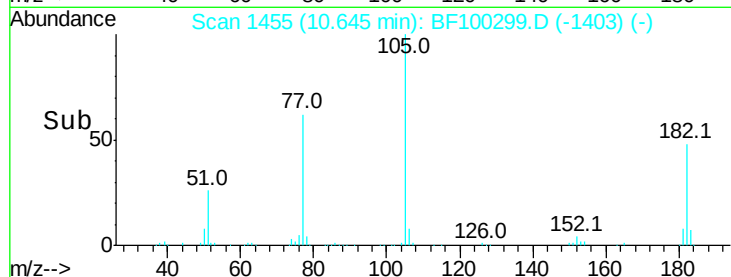


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: BF100299.D

Acq: 8 Nov 2017 18:43

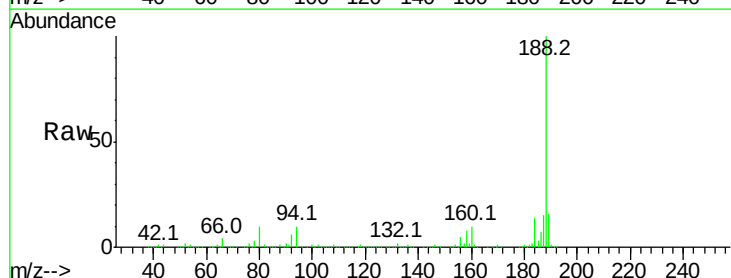
Tgt Ion: 188 Resp: 643875

Ion Ratio Lower Upper

188 100

94 9.8 8.5 12.7

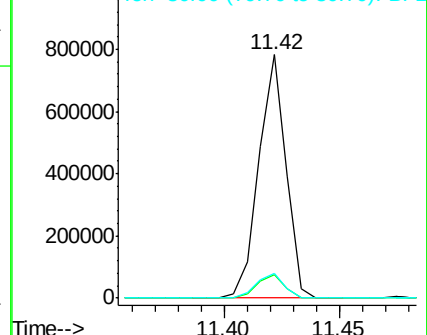
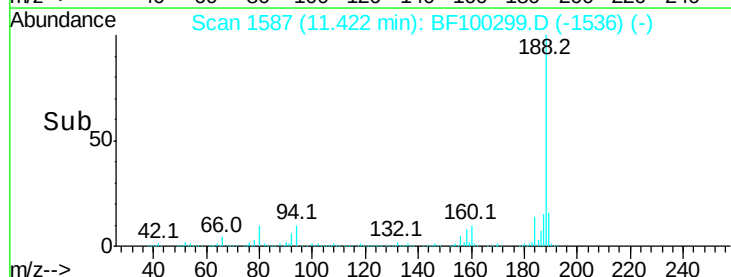
80 10.4 9.2 13.8

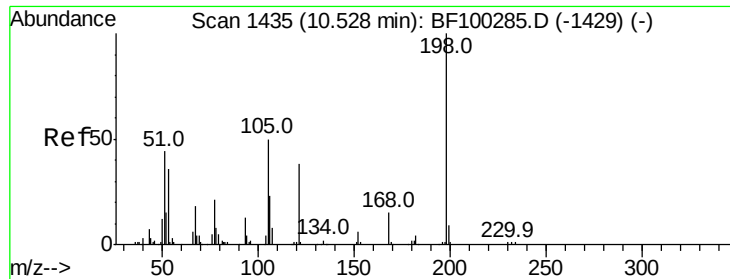


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

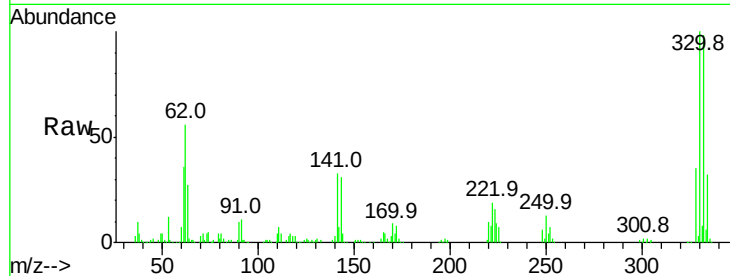
Ion 80.00 (79.70 to 80.70): BF1



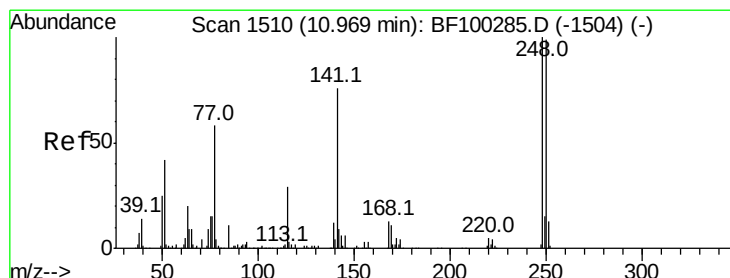
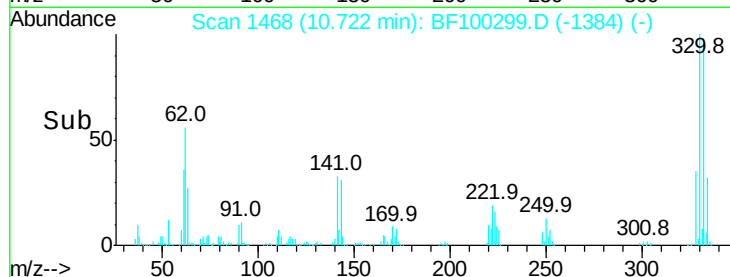
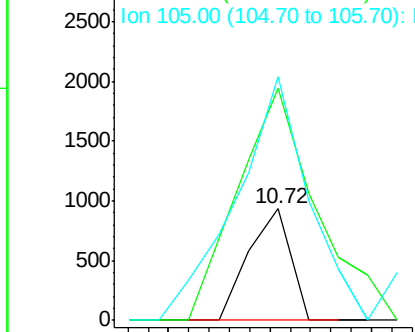


#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.705 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. 0.19 min
 Lab File: BF100299.D
 Acq: 8 Nov 2017 18:43

Tot Ion	Ratio	Lower	Upper
198	100		
51	208.4	37.7	77.7#
105	218.8	36.3	76.3#

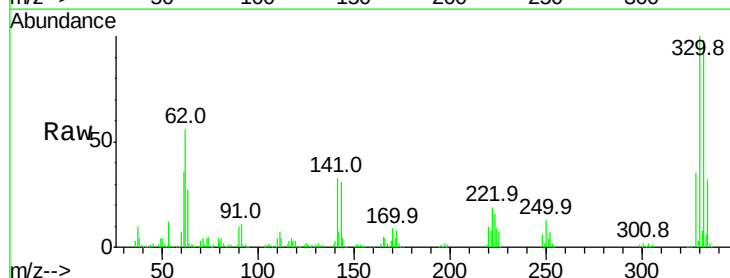


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

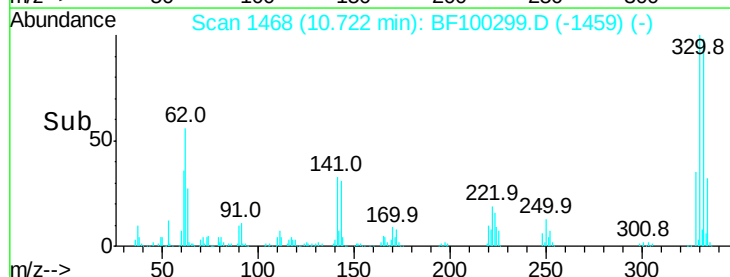
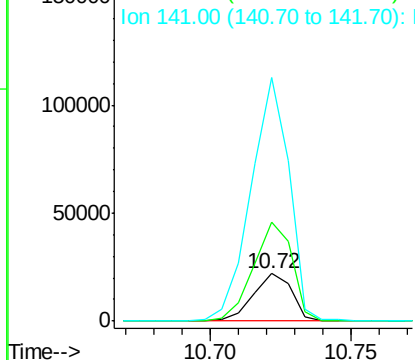


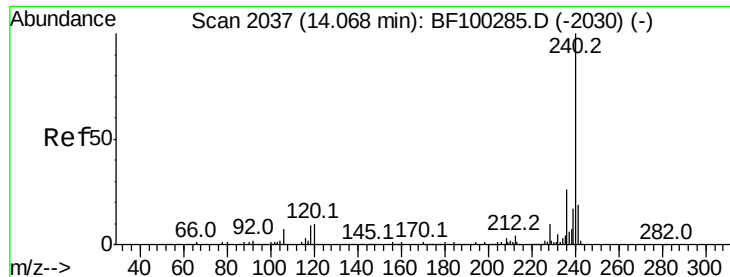
#66
 4-Bromophenyl-phenylether
 Concen: 3.010 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. -0.25 min
 Lab File: BF100299.D
 Acq: 8 Nov 2017 18:43

Tgt Ion	Ratio	Lower	Upper
248	100		
250	207.0	76.9	115.3#
141	512.0	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: BF100299.D

Acq: 8 Nov 2017 18:43

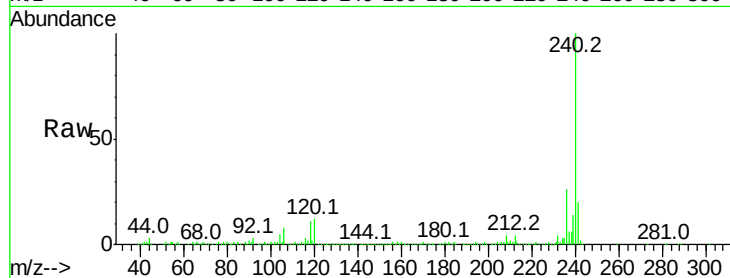
Tot Ion:240 Resp: 412278

Ion Ratio Lower Upper

240 100

120 12.0 9.5 14.3

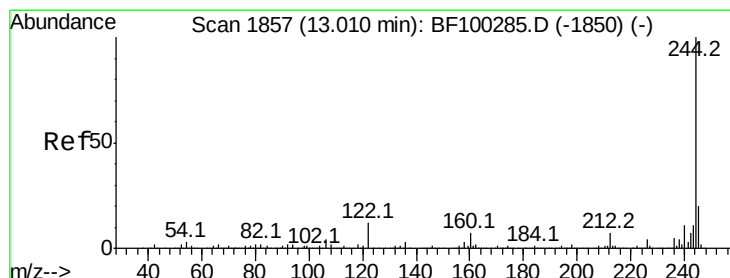
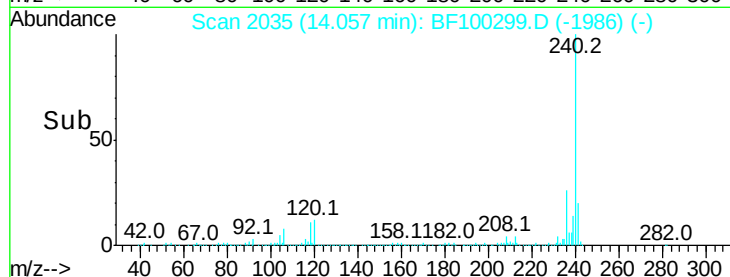
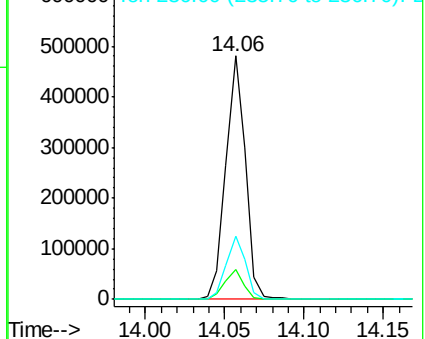
236 26.0 20.7 31.1



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: 68.369 ng

RT: 13.01 min Scan# 1857

Delta R.T. 0.00 min

Lab File: BF100299.D

Acq: 8 Nov 2017 18:43

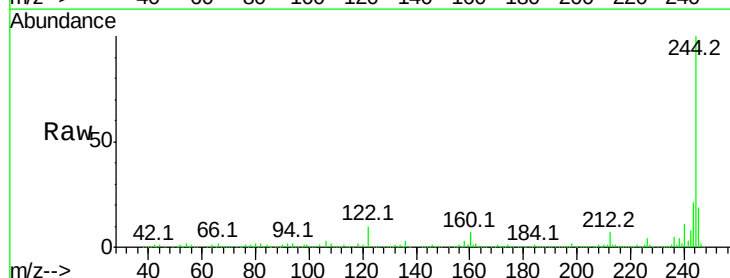
Tgt Ion:244 Resp: 1226753

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

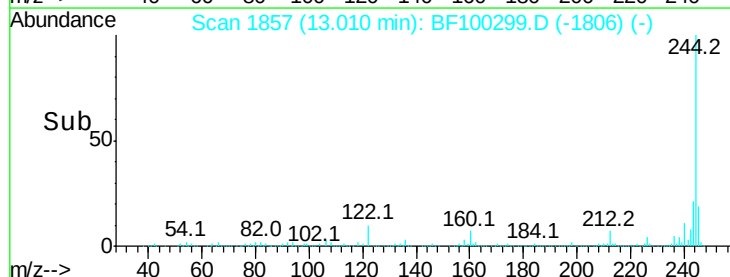
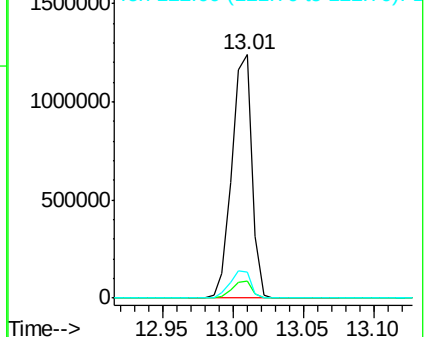
122 10.4 11.0 16.4#

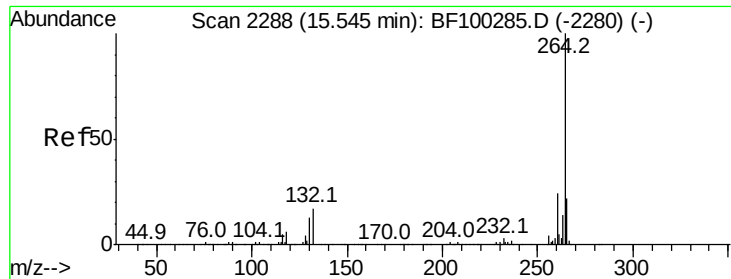


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

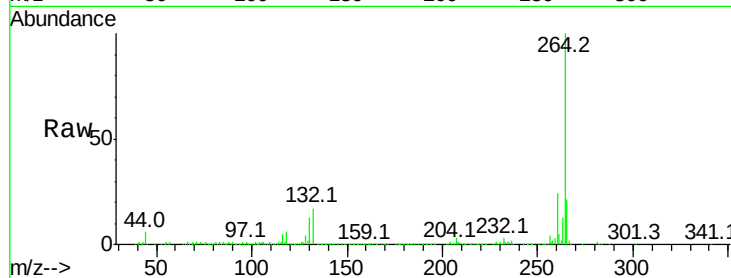
Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BF100299.D
Acq: 8 Nov 2017 18:43

Tot Ion:	264	Resp:	406255
Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.2	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

