

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110917\
 Data File : BF100364.D
 Acq On : 10 Nov 2017 2:00
 Operator : SJ/JU
 Sample : I6379-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 10 03:23:45 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 09 16:04:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	173114	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	670280	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	290758	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	482160	20.00	ng	0.00
75) Chrysene-d12	14.06	240	351562	20.00	ng	0.00
86) Perylene-d12	15.54	264	350739	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.53	112	1092768	101.19	ng	0.02
7) Phenol-d6	6.53	99	1358771	102.03	ng	0.00
23) Nitrobenzene-d5	7.46	82	851132	83.95	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	300376	101.38	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1372535	71.88	ng	0.00
78) Terphenyl-d14	13.01	244	980690	64.10	ng	0.00

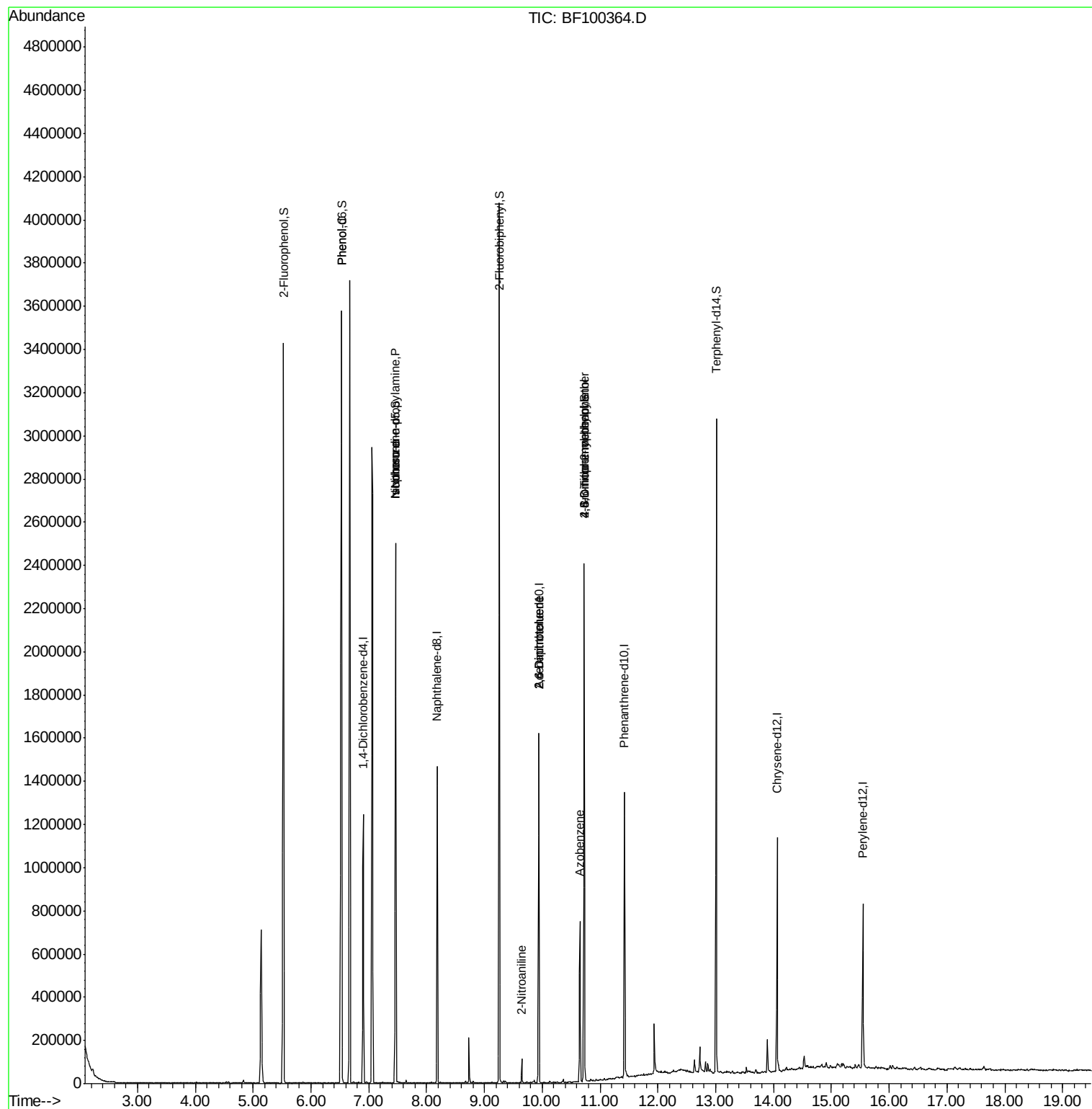
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.53	94	41820	2.991	ng	# 61
19) n-Nitroso-di-n-propylamine	7.46	70	111936	12.120	ng	# 81
25) Isophorone	7.46	82	850927	39.940	ng	# 64
47) 2-Nitroaniline	9.65	65	224	2.823	ng	# 1
50) 2,6-Dinitrotoluene	9.94	165	37379	8.506	ng	# 25
56) 2,4-Dinitrotoluene	9.94	165	37379	6.743	ng	# 23
62) Azobenzene	10.65	77	117453	5.613	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.73	198	472	8.729	ng	# 1
66) 4-Bromophenyl-phenylether	10.73	248	19214	3.717	ng	# 1

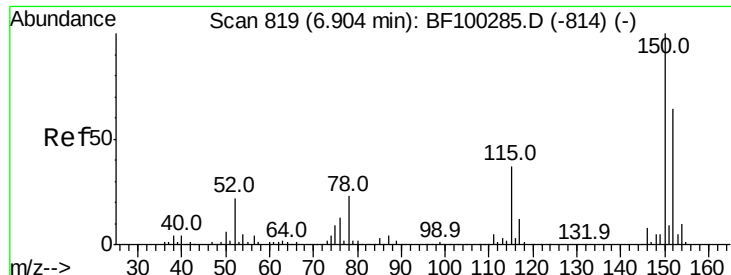
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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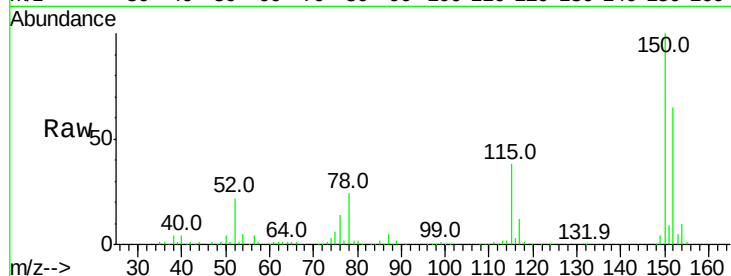


#1

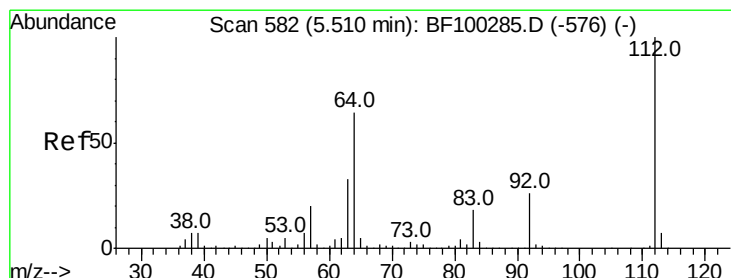
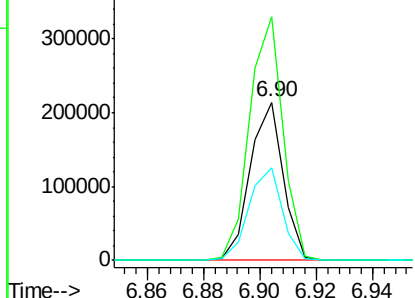
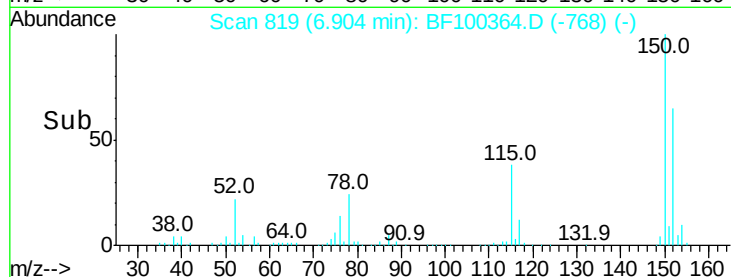
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.00 min
Lab File: BF100364.D
Acq: 10 Nov 2017 2:00

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 173114
Ion Ratio Lower Upper
152 100
150 154.1 124.6 186.8
115 58.6 50.1 75.1



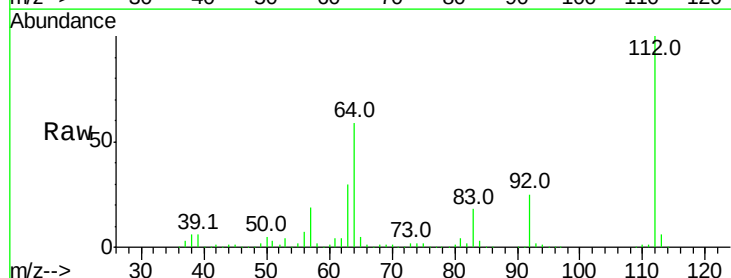
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



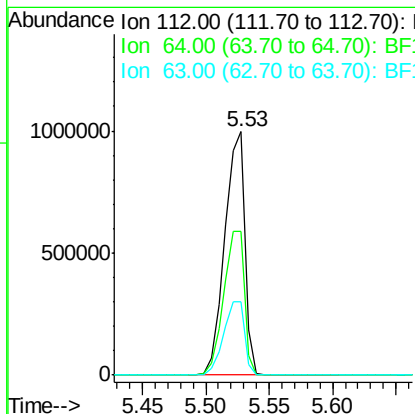
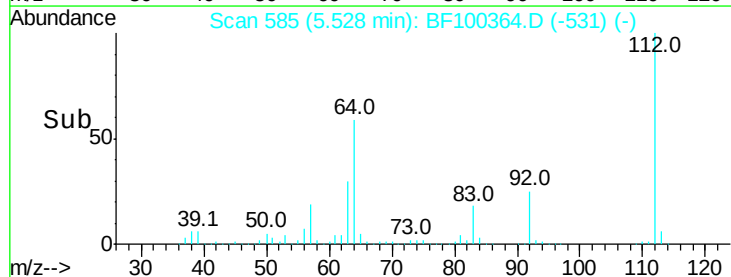
#5

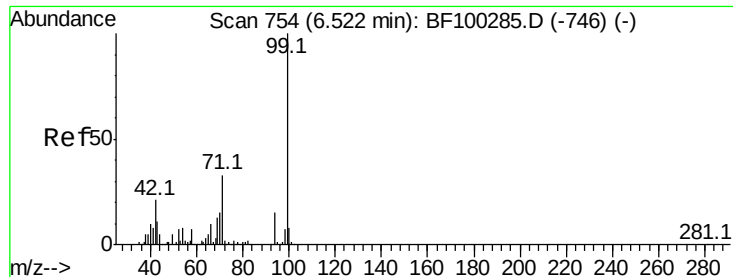
2-Fluorophenol
Concen: 101.187 ng
RT: 5.53 min Scan# 585
Delta R.T. 0.02 min
Lab File: BF100364.D
Acq: 10 Nov 2017 2:00

Tgt Ion:112 Resp: 1092768
Ion Ratio Lower Upper
112 100
64 59.3 47.9 71.9
63 30.3 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: 102.032 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF100364.D

Acq: 10 Nov 2017 2:00

Instrument :

BNA_F

ClientSampleId :

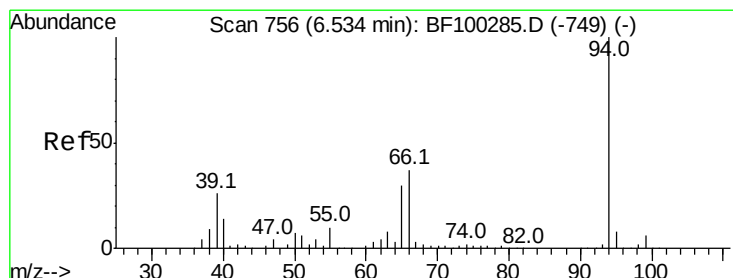
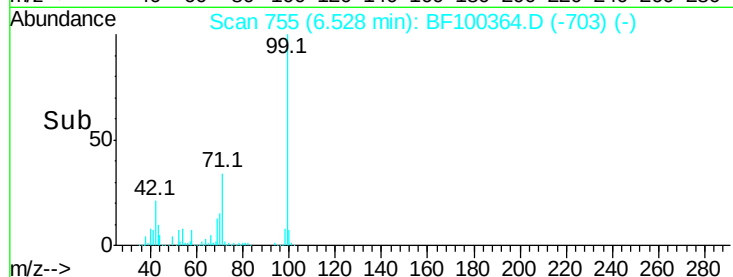
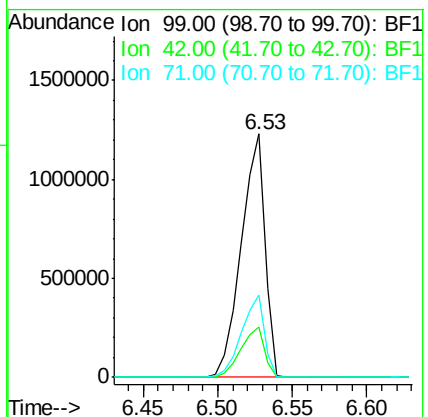
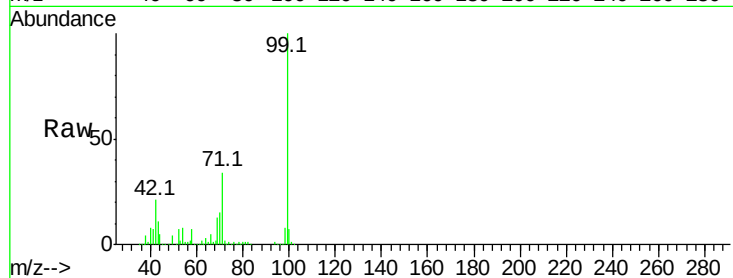
Tot Ion: 99 Resp: 1358771

Ion Ratio Lower Upper

99 100

42 20.8 14.5 21.7

71 33.6 25.4 38.0



#10

Phenol

Concen: 2.991 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF100364.D

Acq: 10 Nov 2017 2:00

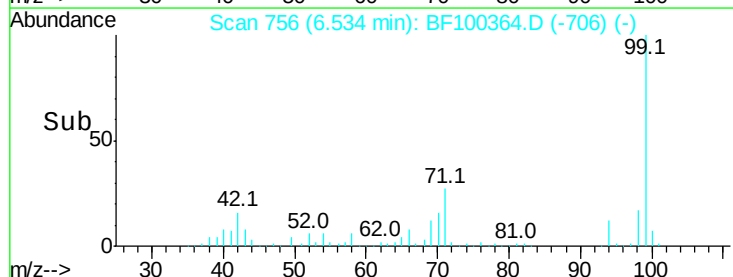
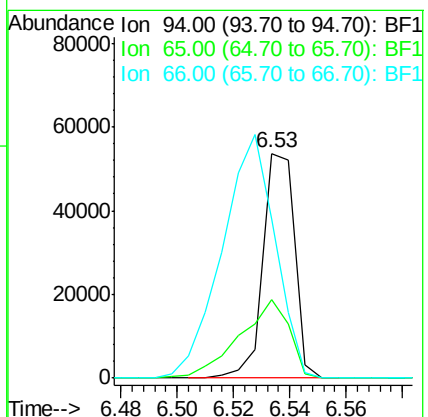
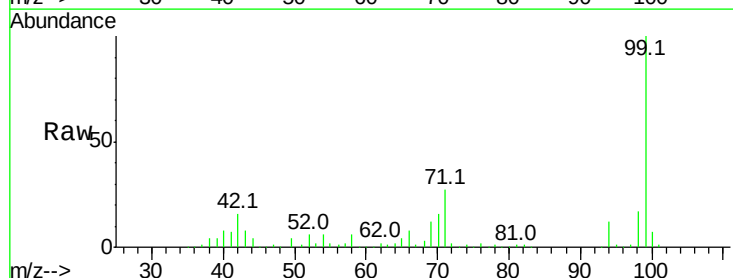
Tgt Ion: 94 Resp: 41820

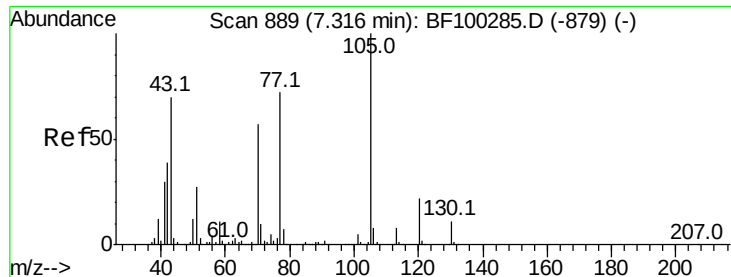
Ion Ratio Lower Upper

94 100

65 35.0 7.9 47.9

66 70.6 16.2 56.2#





#19

n-Nitroso-di-n-propylamine

Concen: 12.120 ng

RT: 7.46 min Scan# 914

Delta R.T. 0.15 min

Lab File: BF100364.D

Acq: 10 Nov 2017 2:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 111936

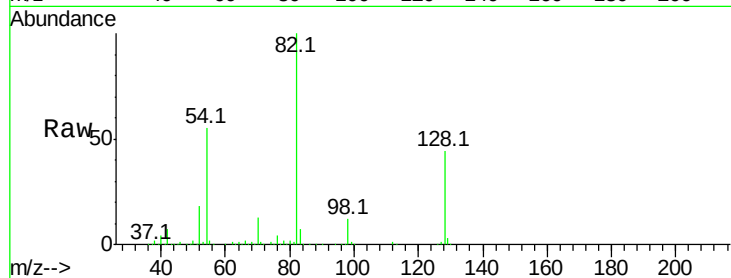
Ion Ratio Lower Upper

70 100

42 51.6 47.5 71.3

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

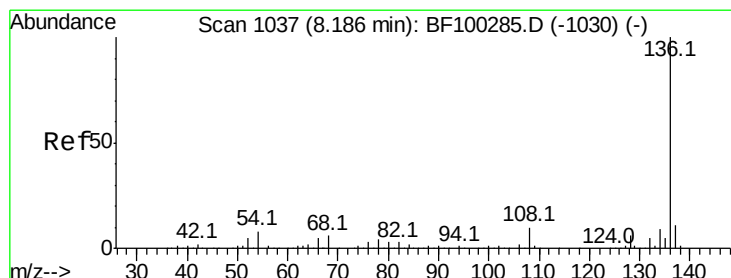
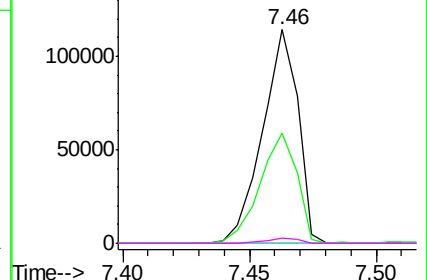
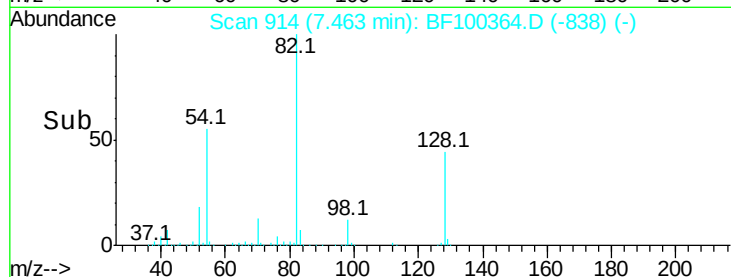


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF100364.D

Acq: 10 Nov 2017 2:00

Tgt Ion:136 Resp: 670280

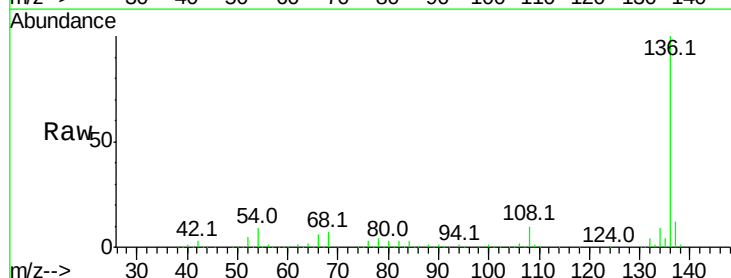
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 9.4 6.6 9.8

68 6.9 5.0 7.4

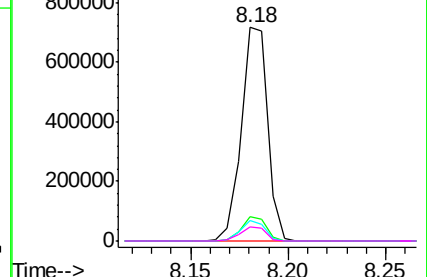
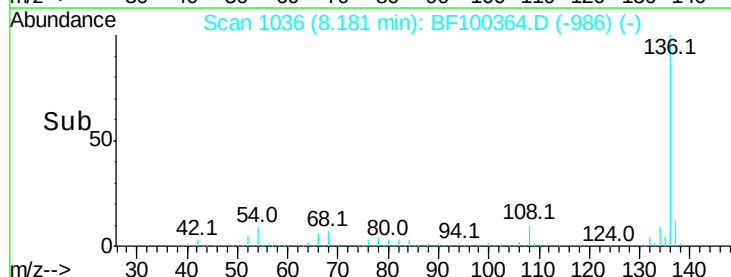


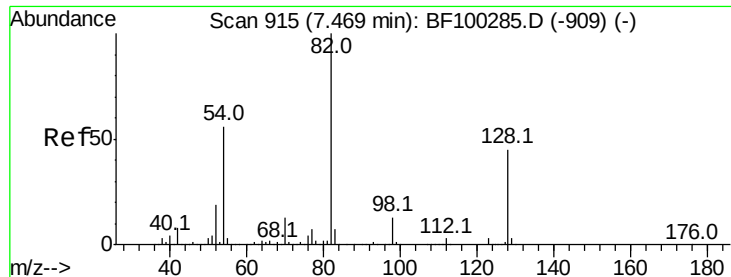
Abundance Ion 136.00 (135.70 to 136.70): BF1

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

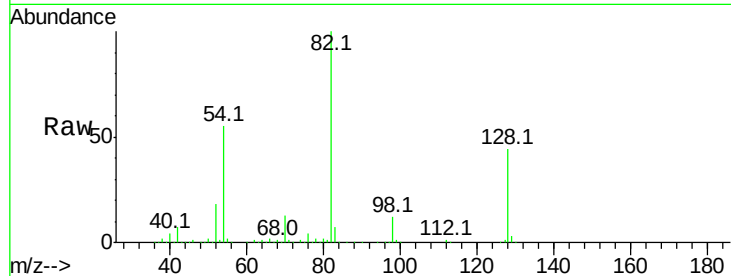




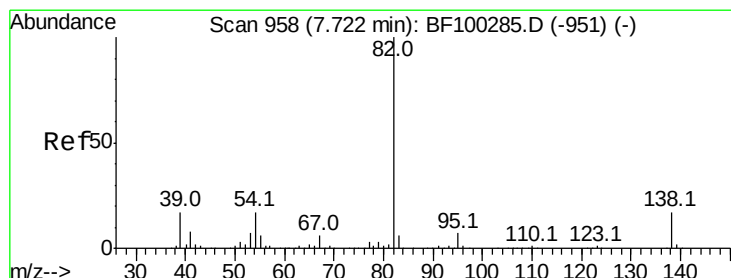
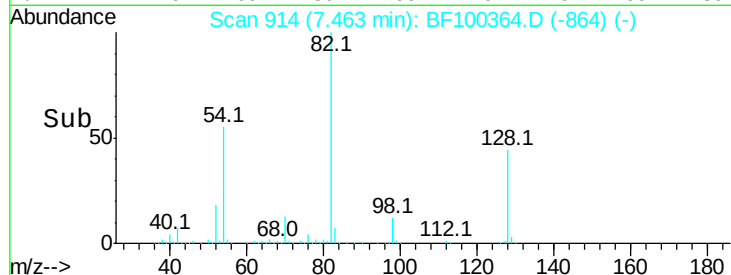
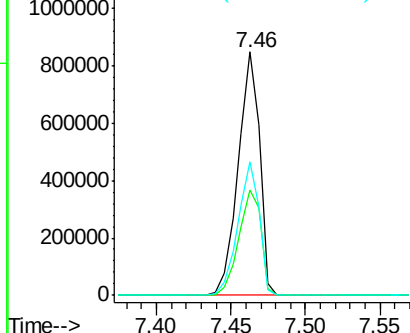
#23
Nitrobenzene-d5
Concen: 83.952 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF100364.D
Acq: 10 Nov 2017 2:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.5	36.1	54.1
54	54.8	41.4	62.2

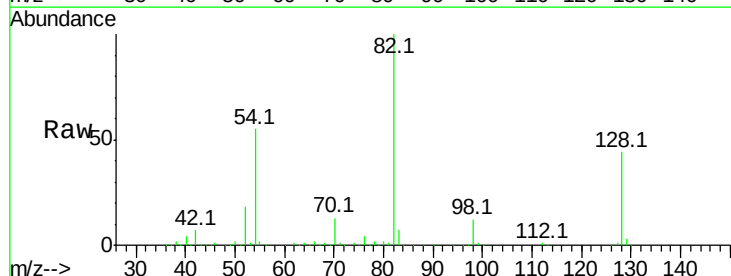


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

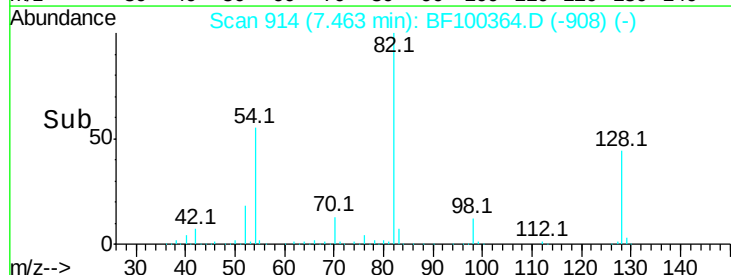
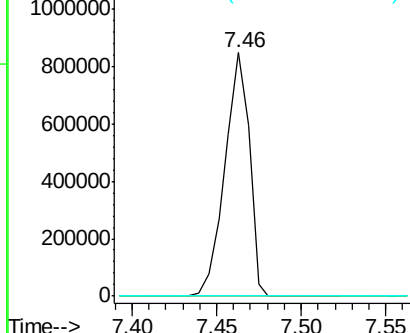


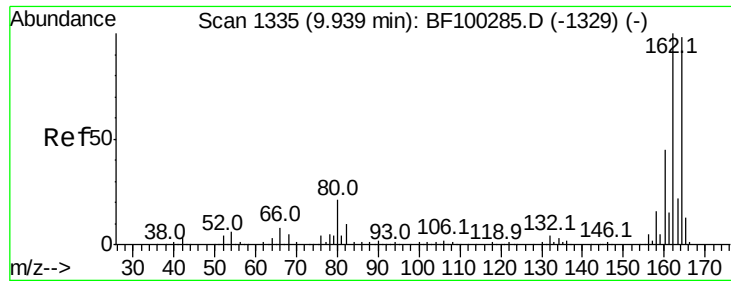
#25
Isophorone
Concen: 39.940 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.26 min
Lab File: BF100364.D
Acq: 10 Nov 2017 2:00

Tgt 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

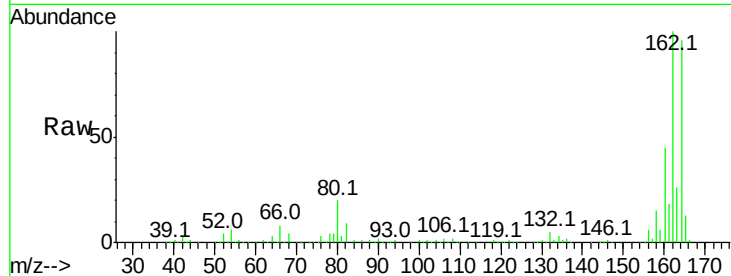




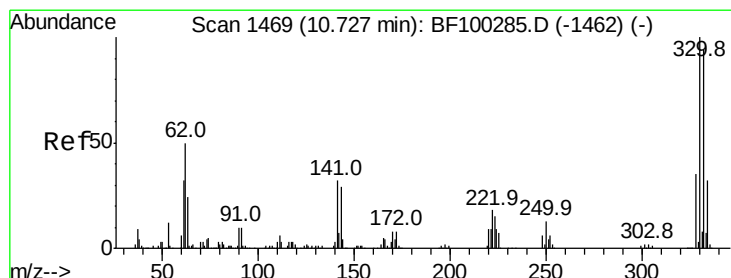
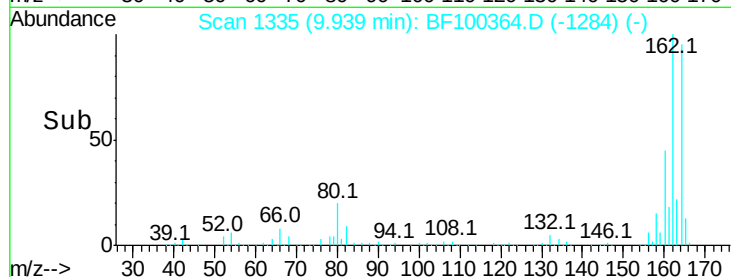
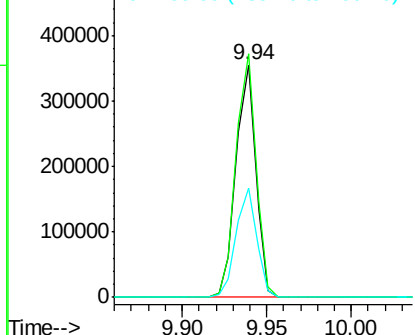
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. 0.00 min
 Lab File: BF100364.D
 Acq: 10 Nov 2017 2:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.7	86.1	129.1
160	46.9	38.3	57.5

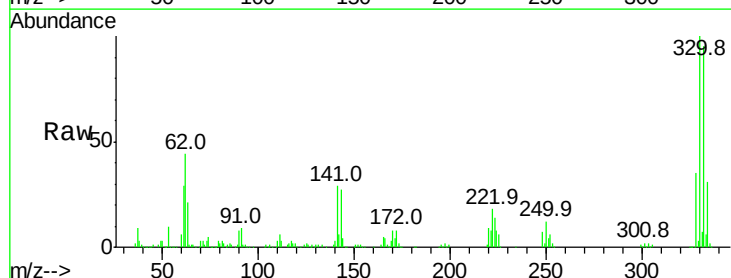


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

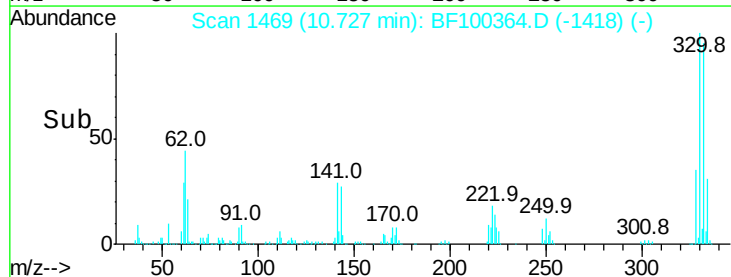
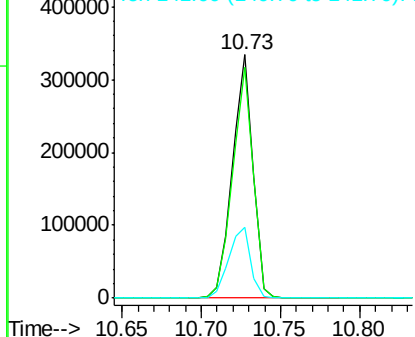


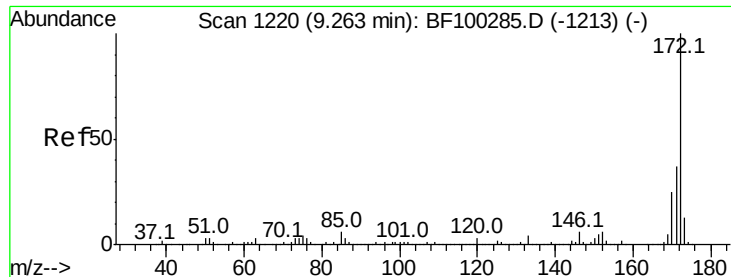
#41
 2,4,6-Tribromophenol
 Concen: 101.382 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: BF100364.D
 Acq: 10 Nov 2017 2:00

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.0	115.6
141	31.1	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

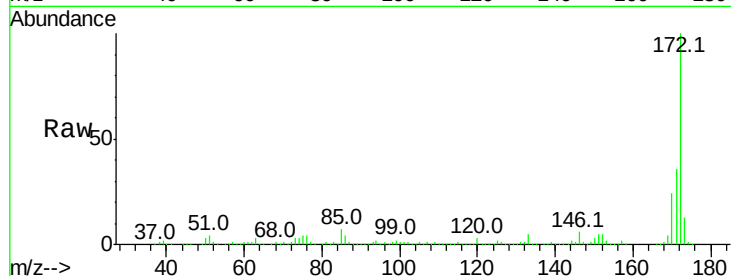




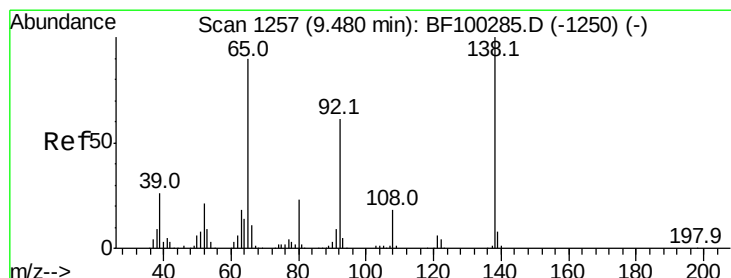
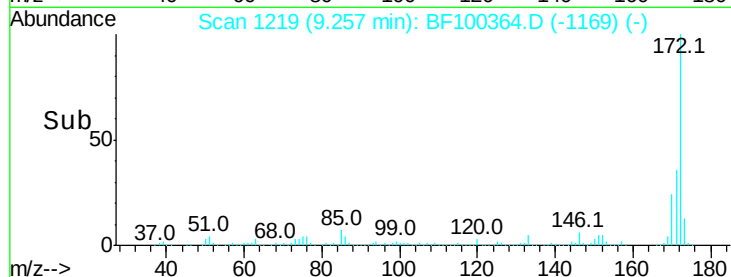
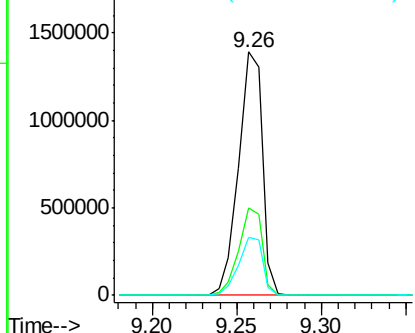
#44
2-Fluorobiphenyl
Concen: 71.880 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BF100364.D
Acq: 10 Nov 2017 2:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1372535
Ion Ratio Lower Upper
172 100
171 36.2 29.7 44.5
170 24.0 19.6 29.4

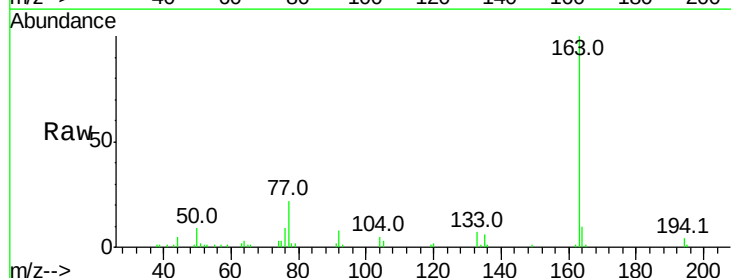


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

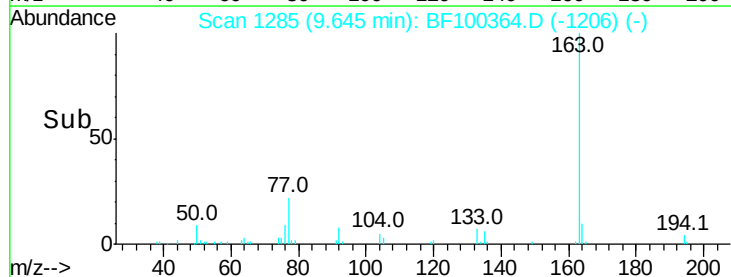
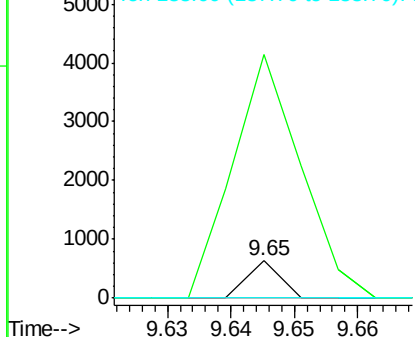


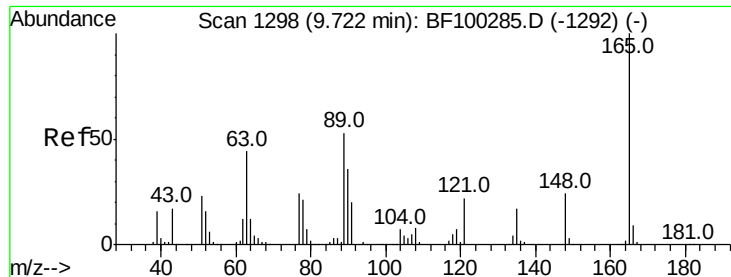
#47
2-Nitroaniline
Concen: 2.823 ng
RT: 9.65 min Scan# 1285
Delta R.T. 0.16 min
Lab File: BF100364.D
Acq: 10 Nov 2017 2:00

Tgt Ion: 65 Resp: 224
Ion Ratio Lower Upper
65 100
92 651.8 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





#50

2,6-Dinitrotoluene

Concen: 8.506 ng

RT: 9.94 min Scan# 1335

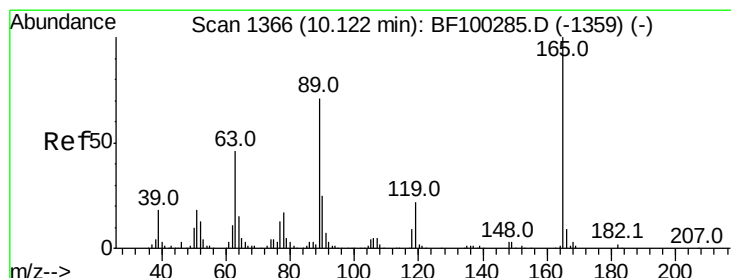
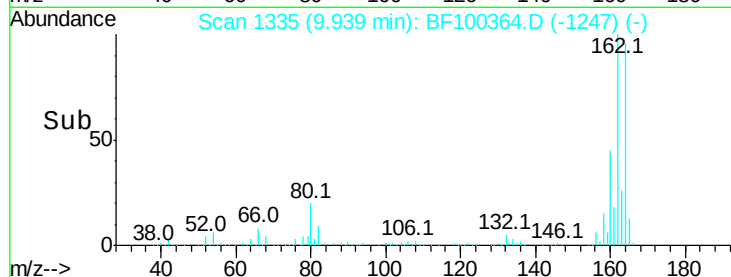
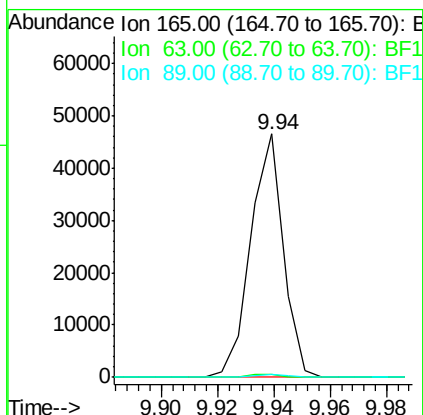
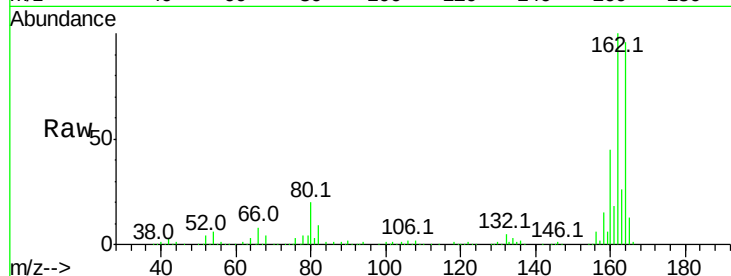
Delta R.T. 0.22 min

Lab File: BF100364.D

Acq: 10 Nov 2017 2:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165	Resp:	37379
Ion Ratio	Lower	Upper
165 100		
63 1.1	44.7	67.1#
89 1.1	44.0	66.0#



#56

2,4-Dinitrotoluene

Concen: 6.743 ng

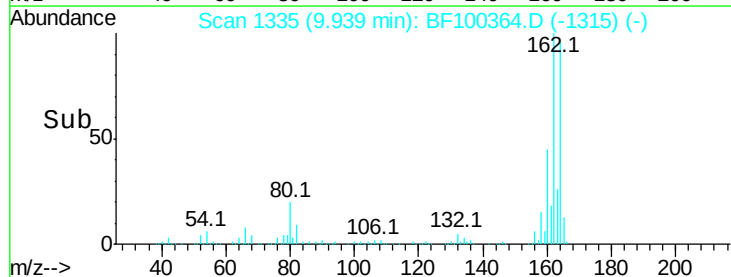
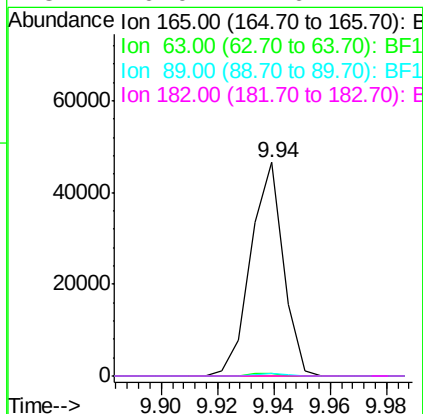
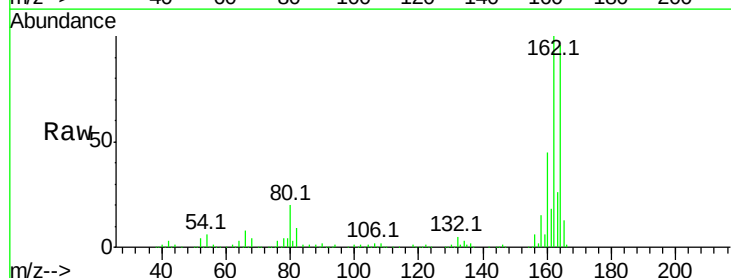
RT: 9.94 min Scan# 1335

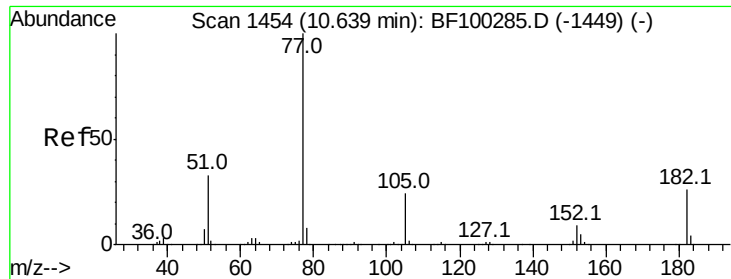
Delta R.T. -0.18 min

Lab File: BF100364.D

Acq: 10 Nov 2017 2:00

Tgt Ion:165	Resp:	37379
Ion Ratio	Lower	Upper
165 100		
63 1.1	36.4	54.6#
89 1.1	57.8	86.6#
182 0.0	1.6	2.4#

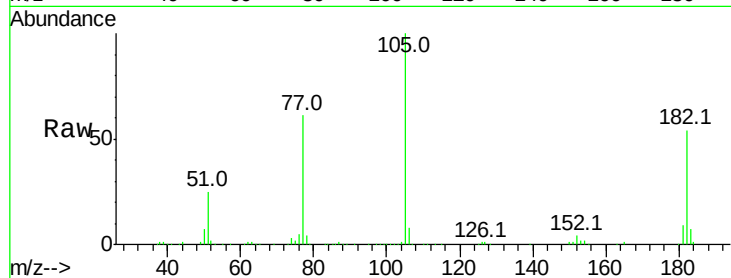




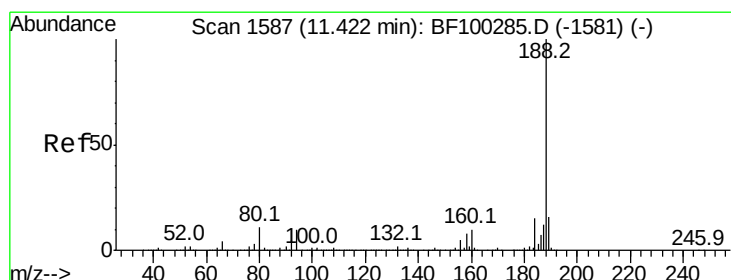
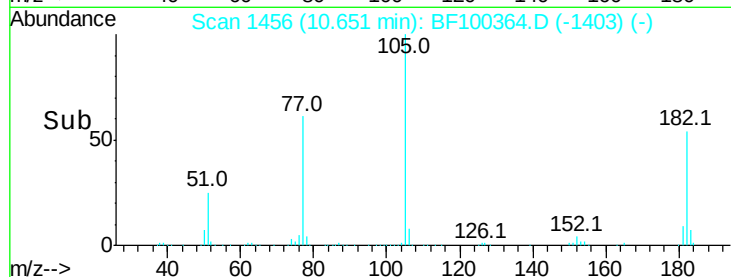
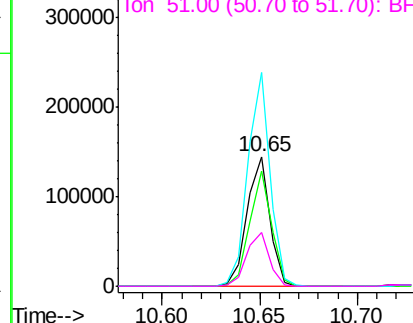
#62
Azobenzene
Concen: 5.613 ng
RT: 10.65 min Scan# 1456
Delta R.T. 0.01 min
Lab File: BF100364.D
Acq: 10 Nov 2017 2:00

Instrument :
BNA_F
ClientSampled :

Tot Ion: 77 Resp: 117453
Ion Ratio Lower Upper
77 100
182 89.2 1.7 41.7#
105 165.0 3.0 43.0#
51 41.4 9.9 49.9

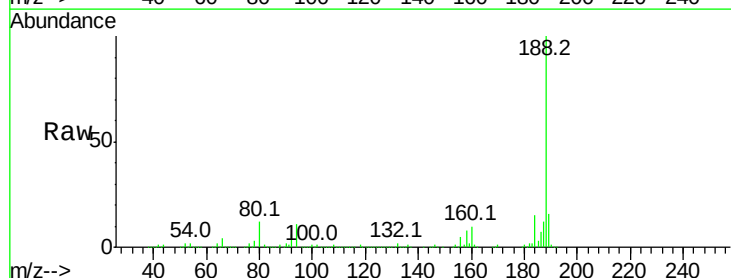


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

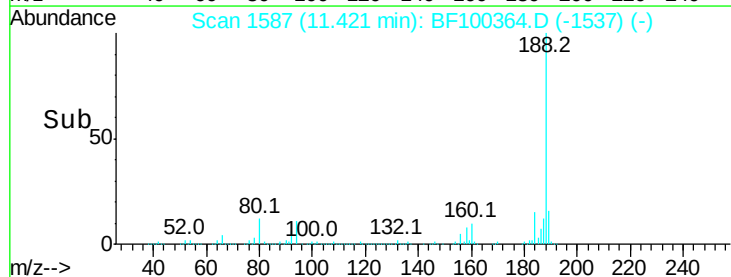
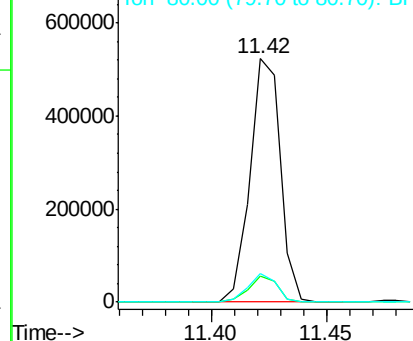


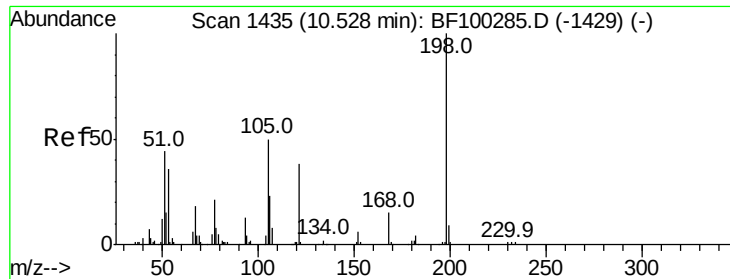
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BF100364.D
Acq: 10 Nov 2017 2:00

Tgt Ion: 188 Resp: 482160
Ion Ratio Lower Upper
188 100
94 10.9 8.5 12.7
80 11.8 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

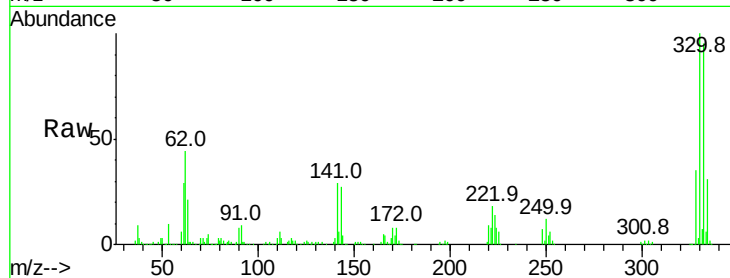




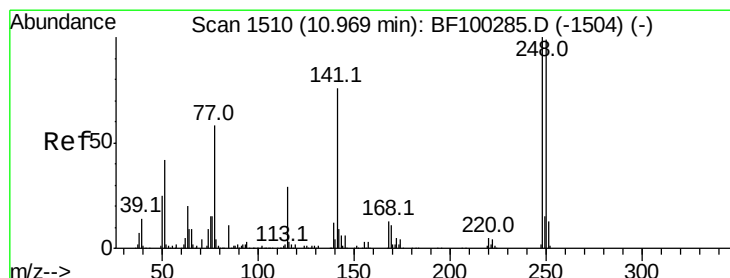
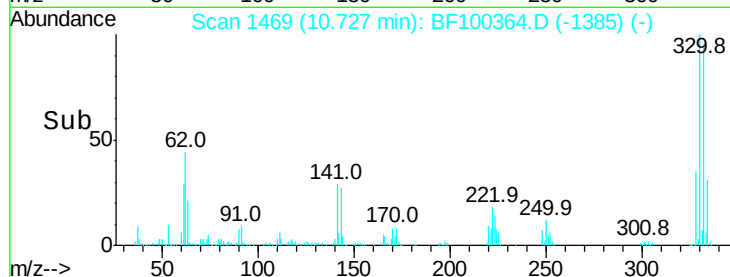
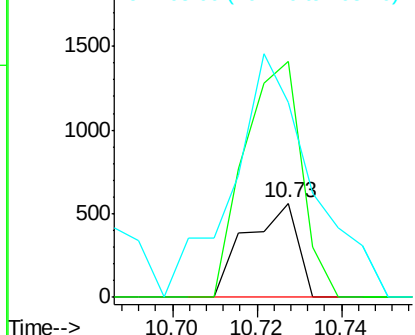
#64
4,6-Dinitro-2-methylphenol
Concen: 8.729 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.19 min
Lab File: BF100364.D
Acq: 10 Nov 2017 2:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 472
Ion Ratio Lower Upper
198 100
51 250.8 37.7 77.7#
105 206.9 36.3 76.3#

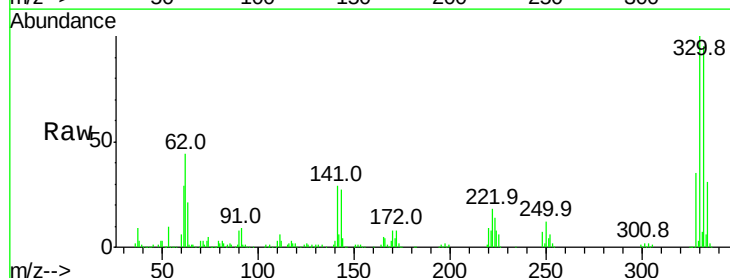


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

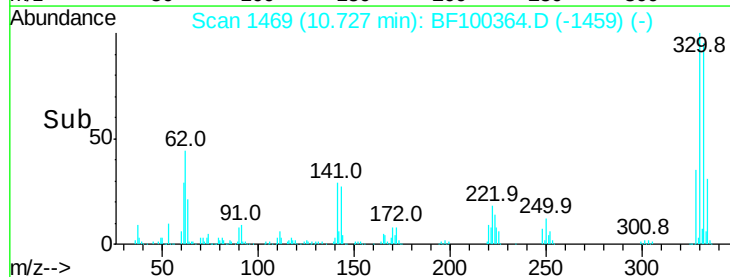
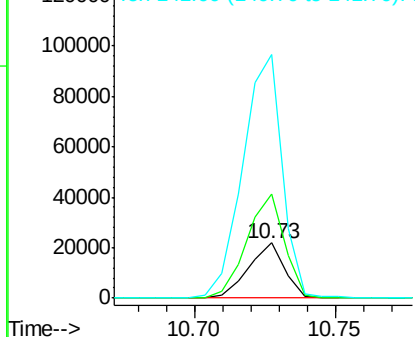


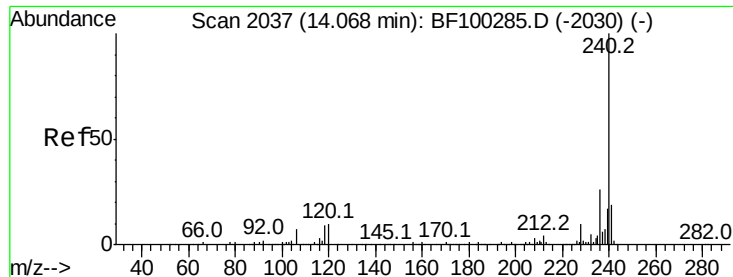
#66
4-Bromophenyl-phenylether
Concen: 3.717 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.24 min
Lab File: BF100364.D
Acq: 10 Nov 2017 2:00

Tgt Ion:248 Resp: 19214
Ion Ratio Lower Upper
248 100
250 189.5 76.9 115.3#
141 442.3 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# 2036

Delta R.T. -0.01 min

Lab File: BF100364.D

Acq: 10 Nov 2017 2:00

Instrument :

BNA_F

ClientSampled :

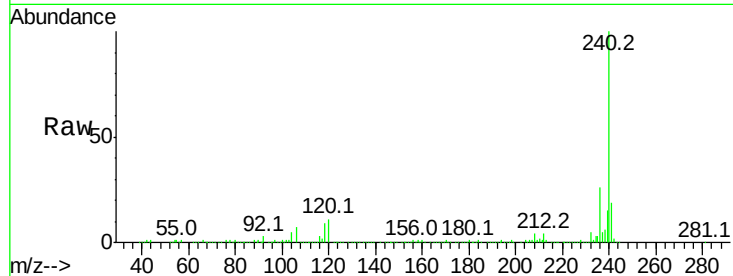
Tot Ion:240 Resp: 351562

Ion Ratio Lower Upper

240 100

120 10.7 9.5 14.3

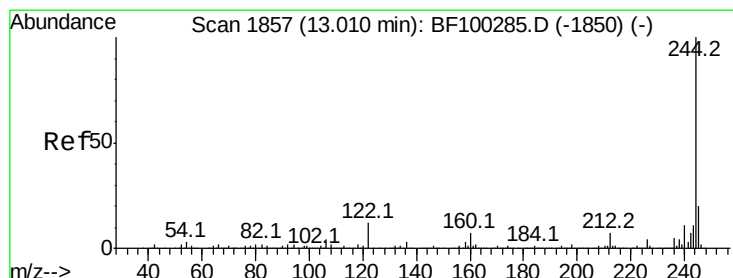
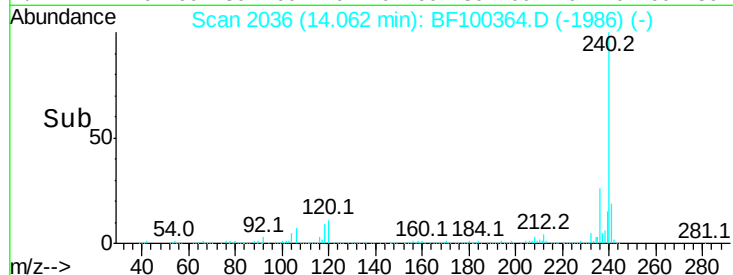
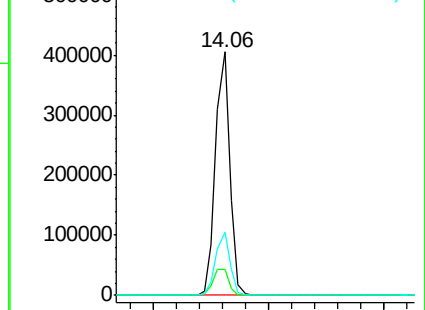
236 25.8 20.7 31.1



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: 64.095 ng

RT: 13.01 min Scan# 1857

Delta R.T. 0.00 min

Lab File: BF100364.D

Acq: 10 Nov 2017 2:00

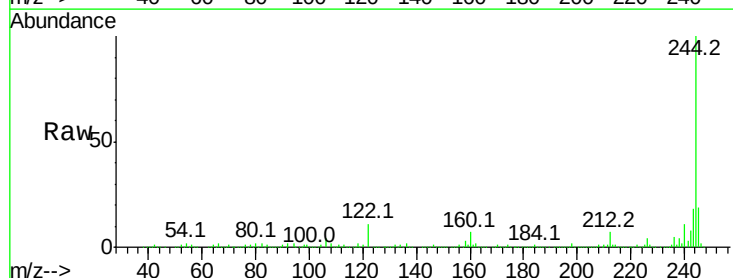
Tgt Ion:244 Resp: 980690

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

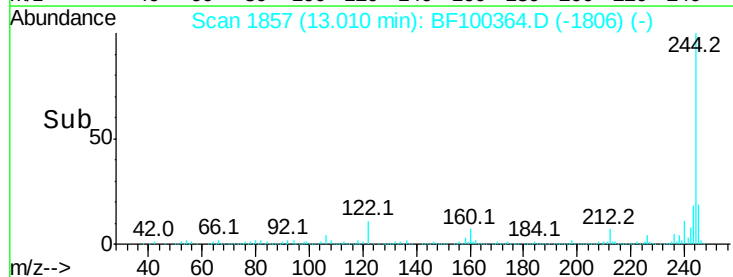
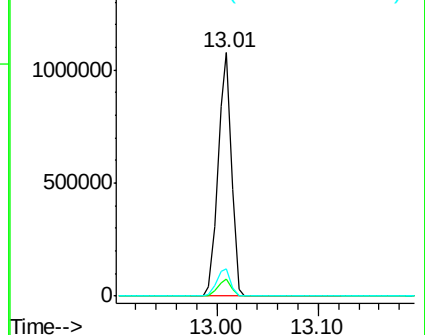
122 11.3 11.0 16.4

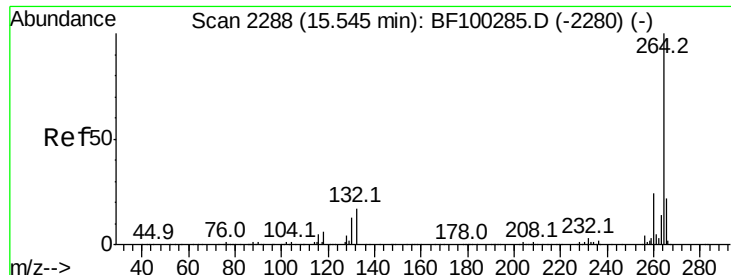


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

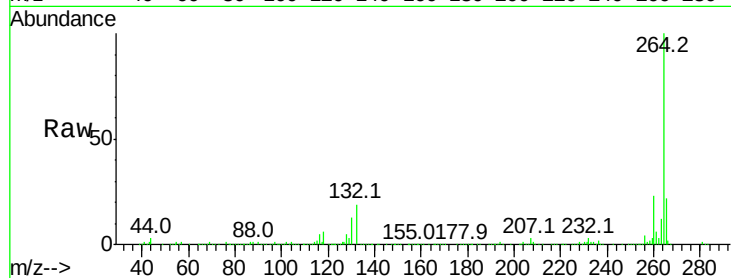




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. 0.00 min
Lab File: BF100364.D
Acq: 10 Nov 2017 2:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	21.9	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

