

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111417\
 Data File : BF100573.D
 Acq On : 15 Nov 2017 7:00
 Operator : SJ/JU
 Sample : I6441-30
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 15 11:10:18 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 14 14:17:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	111359	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	406092	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	153133	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	247185	20.00	ng	0.00
75) Chrysene-d12	14.04	240	245156	20.00	ng	-0.01
86) Perylene-d12	15.52	264	165102	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	772615	111.22	ng	0.02
7) Phenol-d6	6.51	99	849952	99.22	ng	0.00
23) Nitrobenzene-d5	7.45	82	704003	114.61	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	185572	118.92	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1178737	117.21	ng	0.00
78) Terphenyl-d14	12.99	244	927320	86.91	ng	0.00

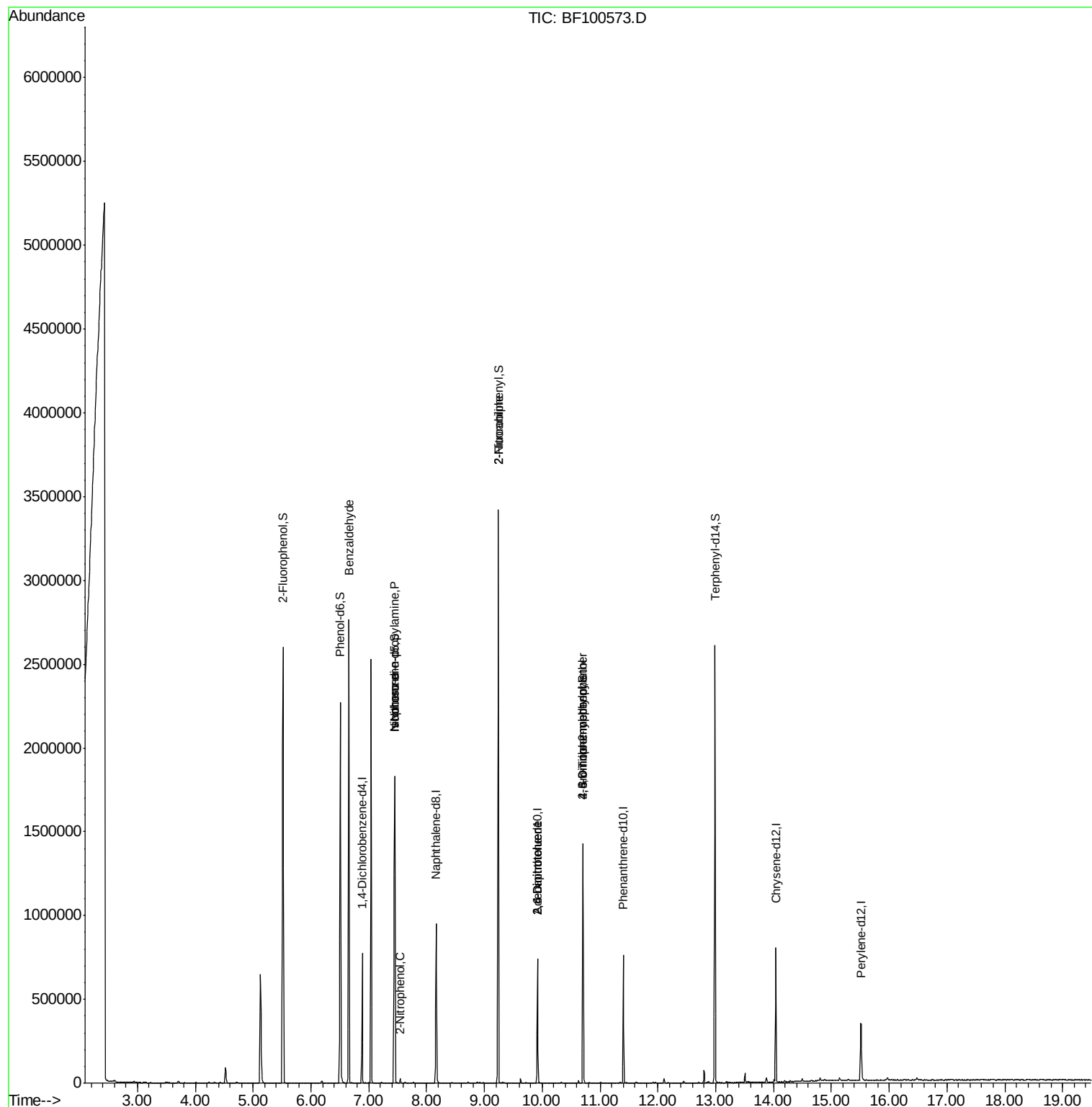
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.66	77	15888	2.597	ng	82
19) n-Nitroso-di-n-propylamine	7.45	70	93791	15.787	ng	# 80
25) Isophorone	7.45	82	703995	54.541	ng	# 64
26) 2-Nitrophenol	7.54	139	285	5.464	ng	# 34
47) 2-Nitroaniline	9.24	65	1666	3.337	ng	# 1
50) 2,6-Dinitrotoluene	9.92	165	18989	8.205	ng	# 24
56) 2,4-Dinitrotoluene	9.92	165	18989	6.504	ng	# 21
64) 4,6-Dinitro-2-methylphenol	10.71	198	470	8.879	ng	# 67
66) 4-Bromophenyl-phenylether	10.70	248	11237	4.241	ng	# 1

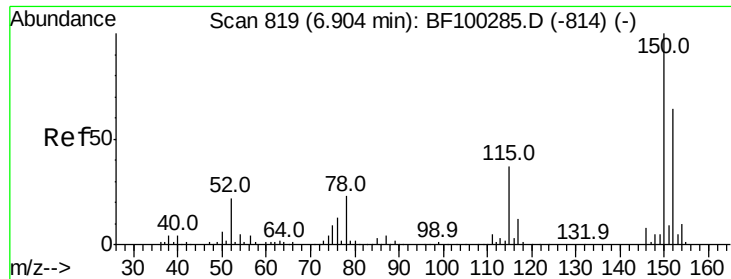
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111417\
Data File : BF100573.D
Acq On : 15 Nov 2017 7:00
Operator : SJ/JU
Sample : I6441-30
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 15 11:10:18 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 14 14:17:16 2017
Response via : Initial Calibration



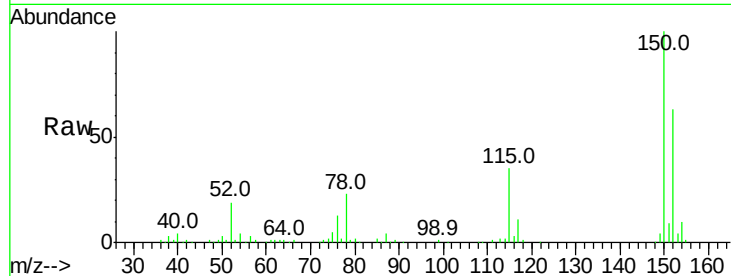


#1

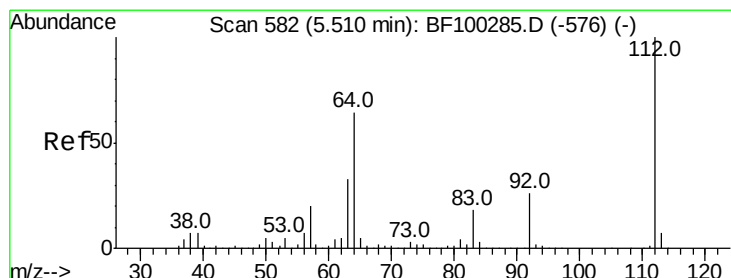
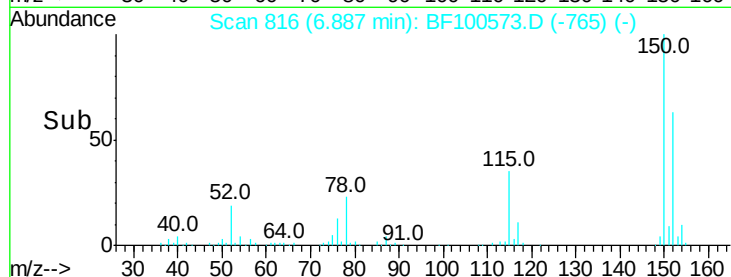
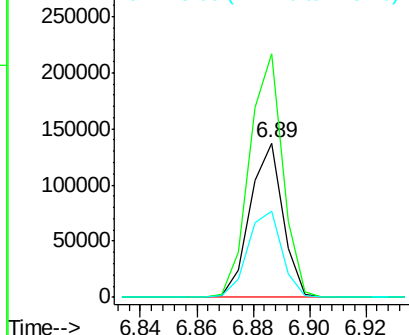
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF100573.D
Acq: 15 Nov 2017 7:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	124.6	186.8
115	55.7	50.1	75.1



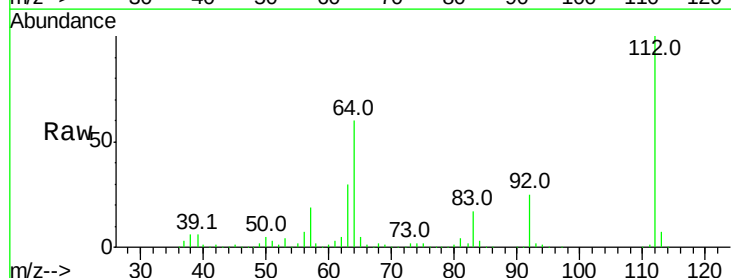
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



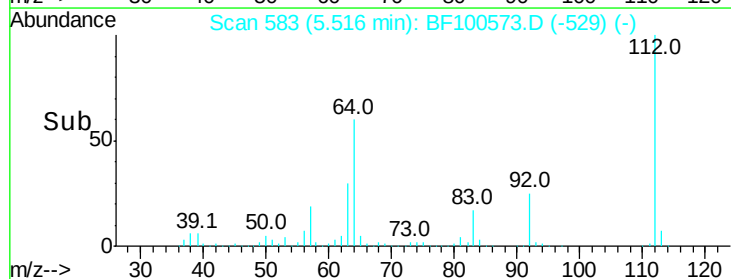
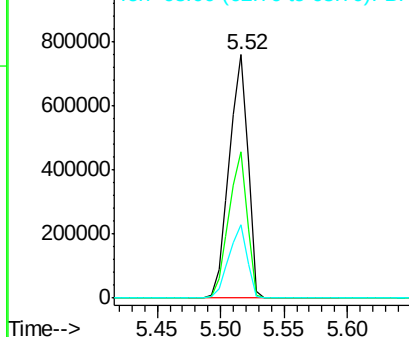
#5

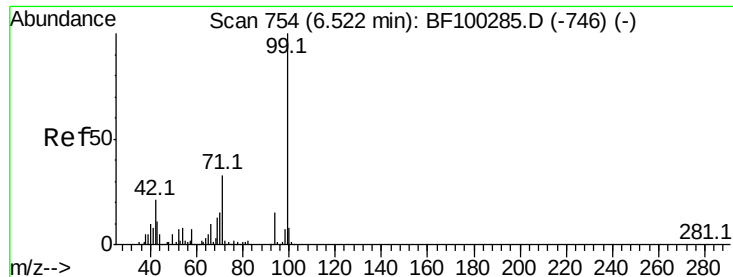
2-Fluorophenol
Concen: 111.216 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.02 min
Lab File: BF100573.D
Acq: 15 Nov 2017 7:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.0	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: 99.218 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF100573.D

Acq: 15 Nov 2017 7:00

Instrument :

BNA_F

ClientSampled :

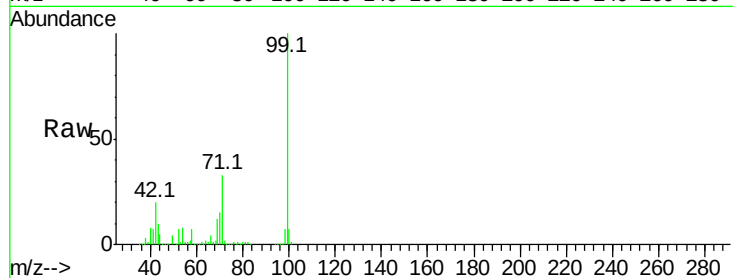
Tot Ion: 99 Resp: 849952

Ion Ratio Lower Upper

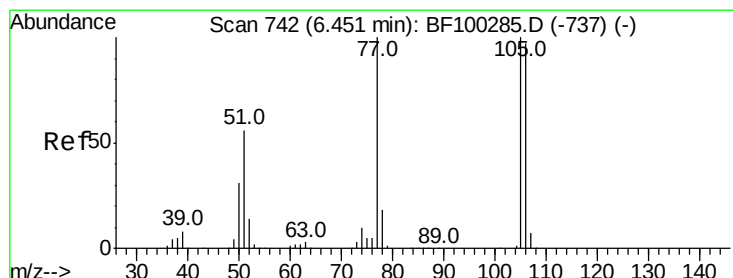
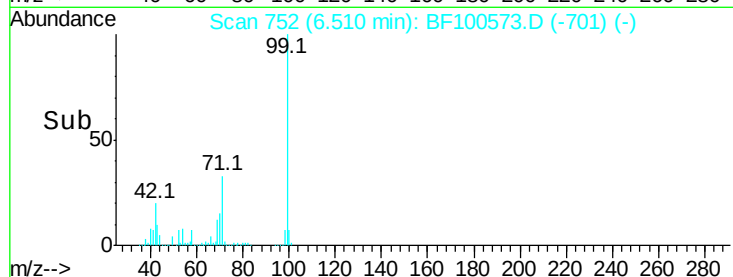
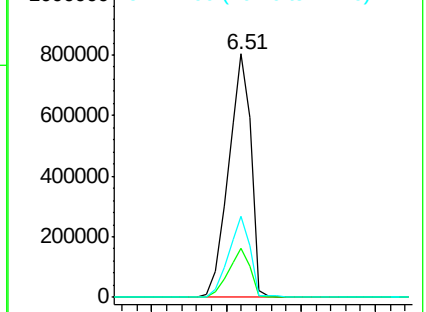
99 100

42 20.0 14.5 21.7

71 33.1 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



#9

Benzaldehyde

Concen: 2.597 ng

RT: 6.66 min Scan# 777

Delta R.T. 0.22 min

Lab File: BF100573.D

Acq: 15 Nov 2017 7:00

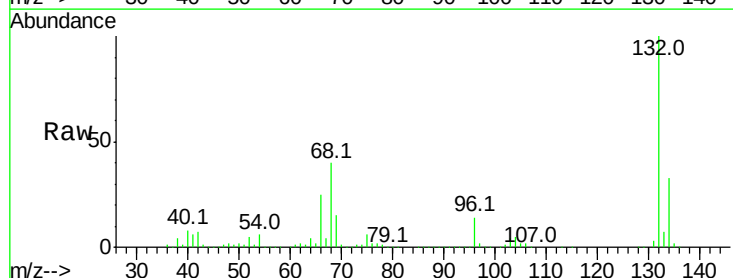
Tgt Ion: 77 Resp: 15888

Ion Ratio Lower Upper

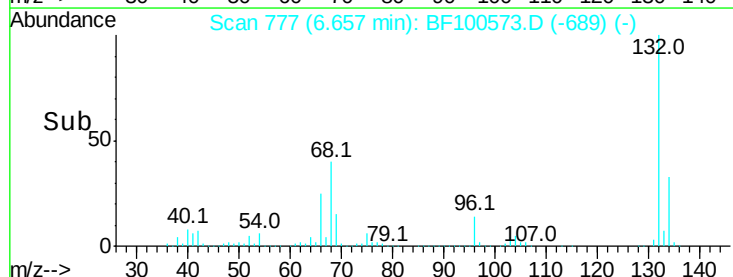
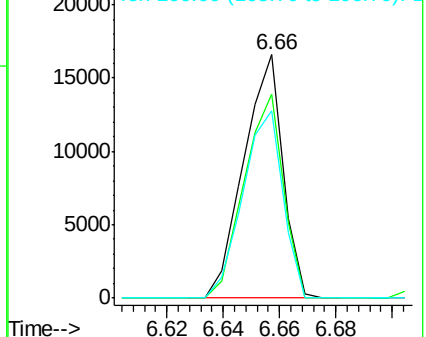
77 100

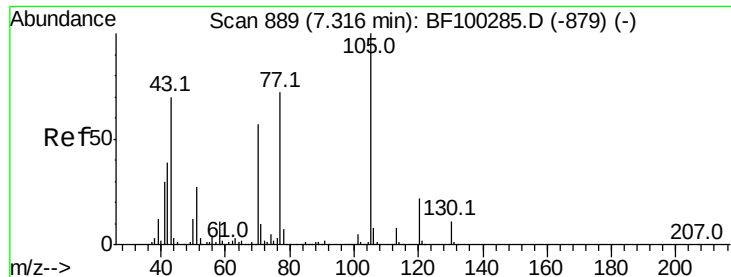
105 83.9 81.1 121.1

106 76.7 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

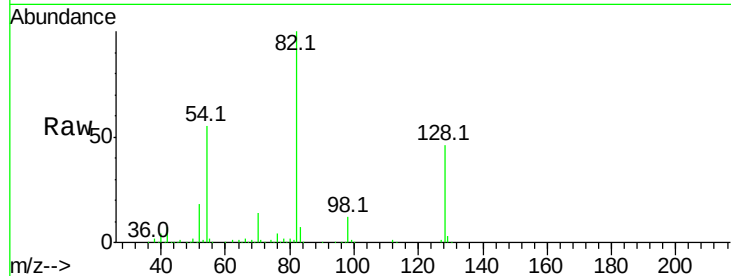




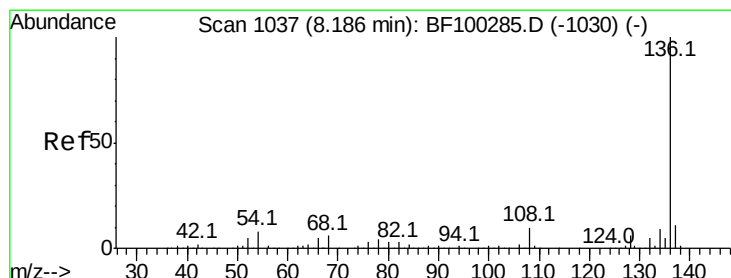
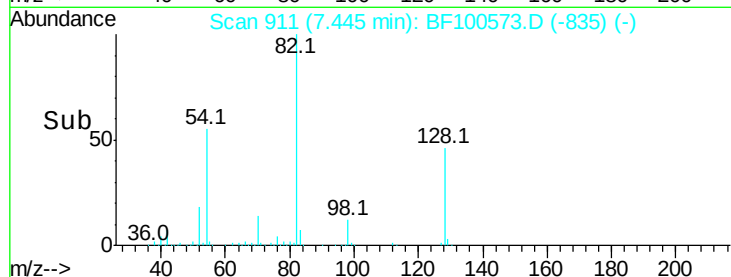
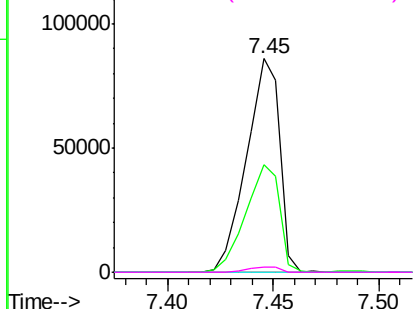
#19
n-Nitroso-di-n-propylamine
Concen: 15.787 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.15 min
Lab File: BF100573.D
Acq: 15 Nov 2017 7:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 93791
Ion Ratio Lower Upper
70 100
42 50.6 47.5 71.3
101 0.0 7.4 11.2#
130 2.4 16.6 25.0#

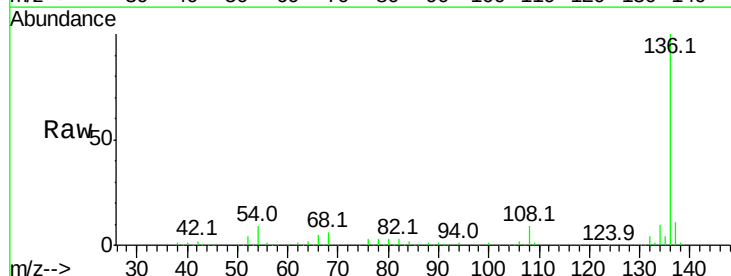


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

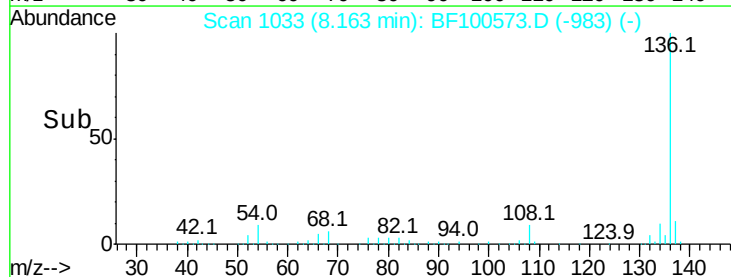
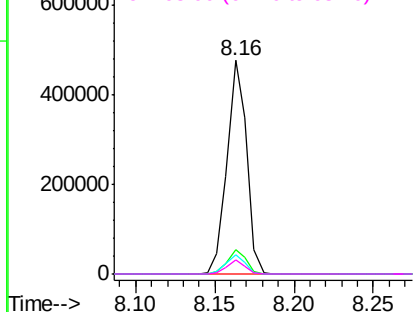


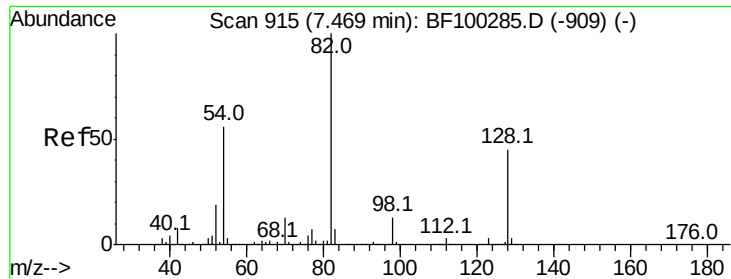
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF100573.D
Acq: 15 Nov 2017 7:00

Tgt Ion:136 Resp: 406092
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 9.1 6.6 9.8
68 6.3 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

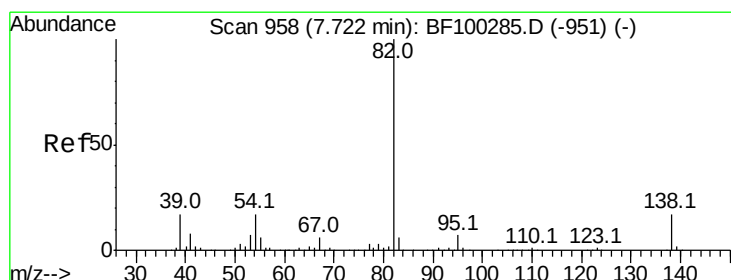
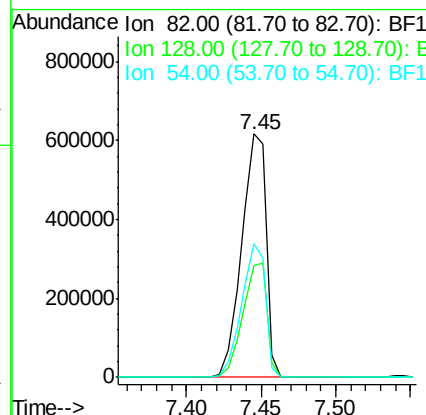
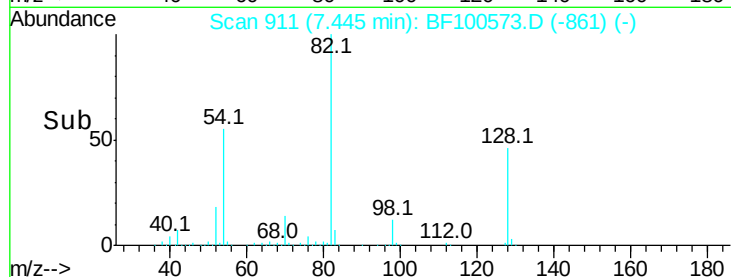
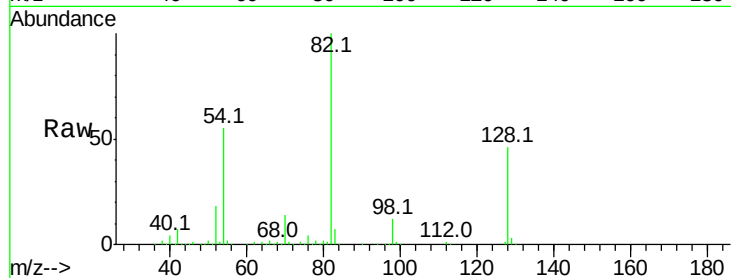




#23
Nitrobenzene-d5
Concen: 114.614 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF100573.D
Acq: 15 Nov 2017 7:00

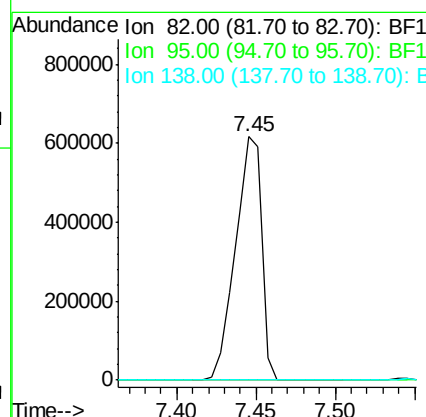
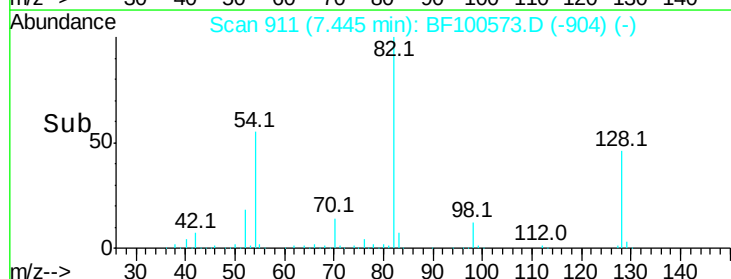
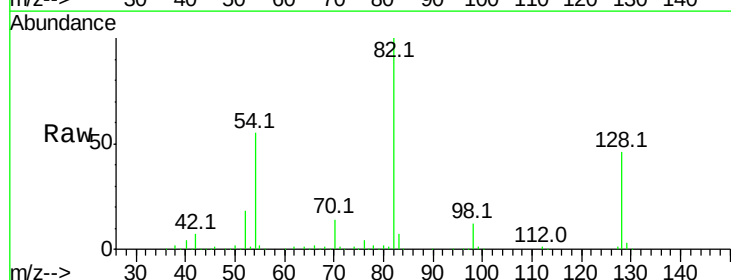
Instrument :
BNA_F
ClientSampleId :

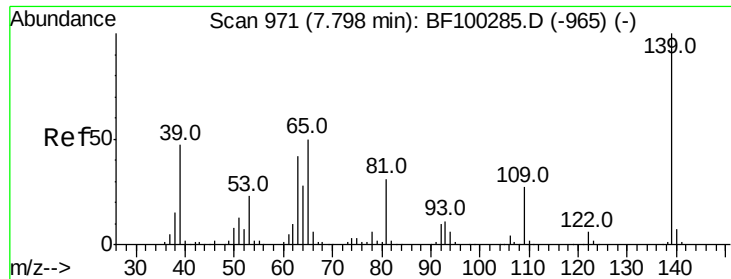
Tot Ion	Ratio	Lower	Upper
82	100		
128	45.9	36.1	54.1
54	55.1	41.4	62.2



#25
Isophorone
Concen: 54.541 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.26 min
Lab File: BF100573.D
Acq: 15 Nov 2017 7:00

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

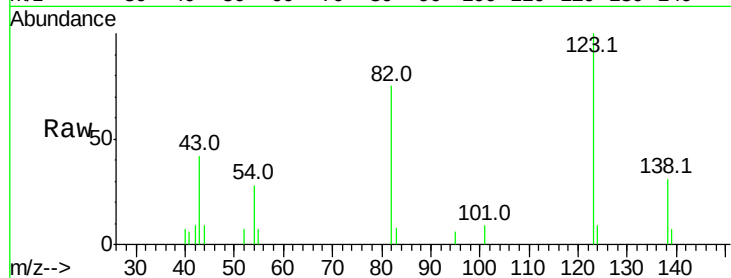




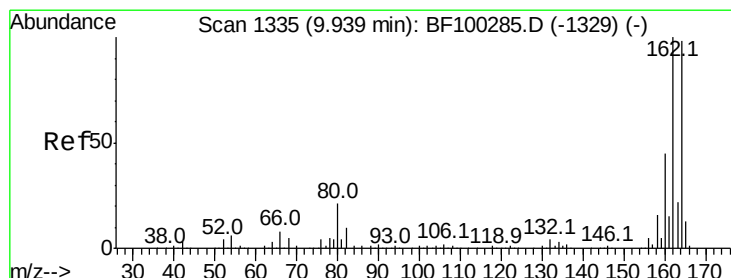
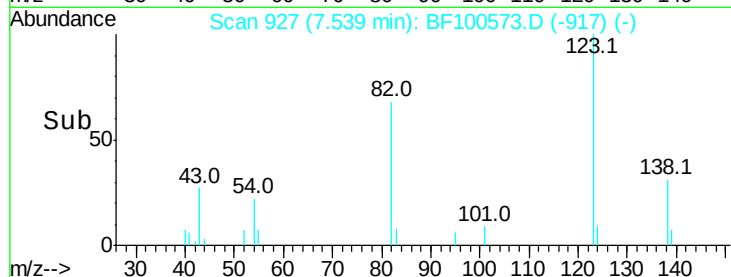
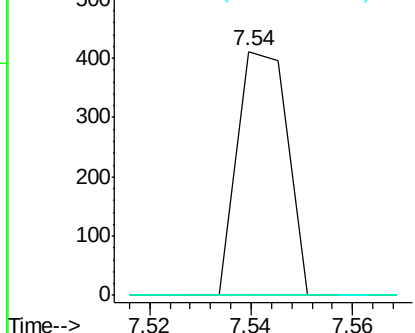
#26
2-Nitrophenol
Concen: 5.464 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.24 min
Lab File: BF100573.D
Acq: 15 Nov 2017 7:00

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 285
Ion Ratio Lower Upper
139 100
109 0.0 22.7 34.1#
65 0.0 40.5 60.7#

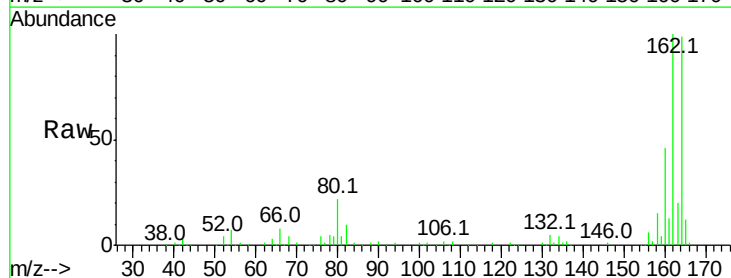


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

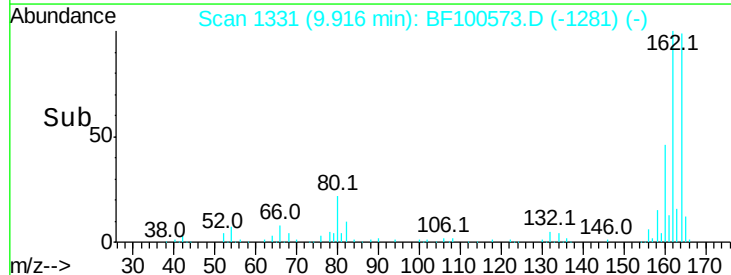
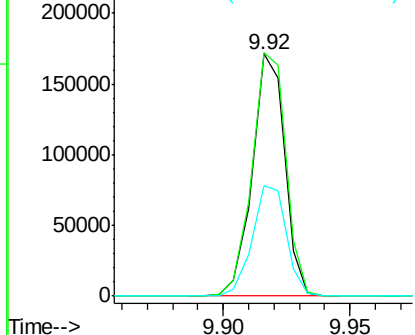


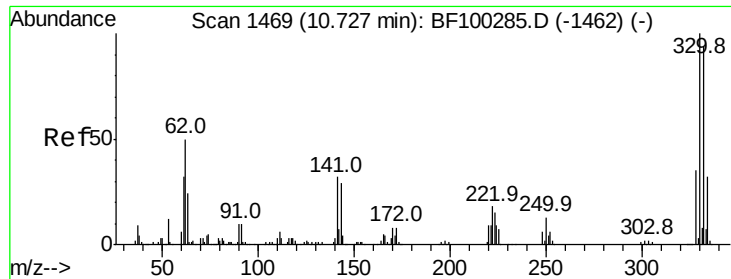
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF100573.D
Acq: 15 Nov 2017 7:00

Tgt Ion:164 Resp: 153133
Ion Ratio Lower Upper
164 100
162 100.7 86.1 129.1
160 45.9 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

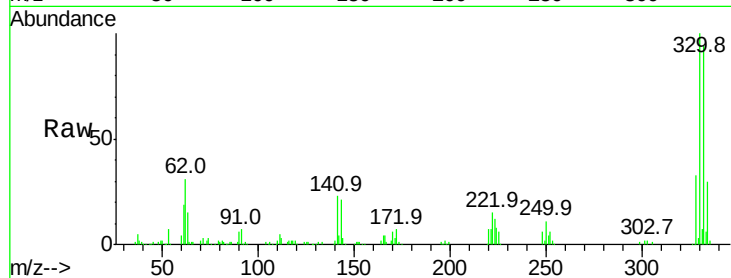




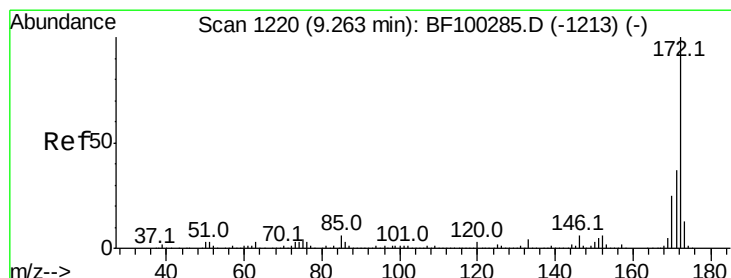
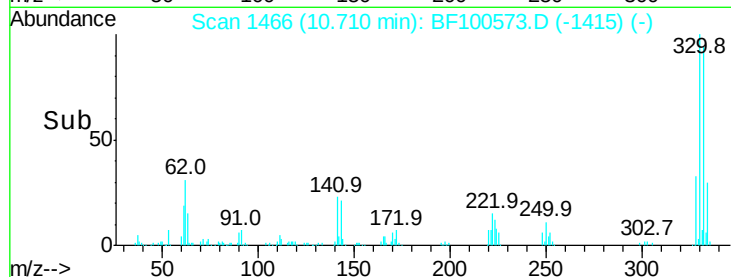
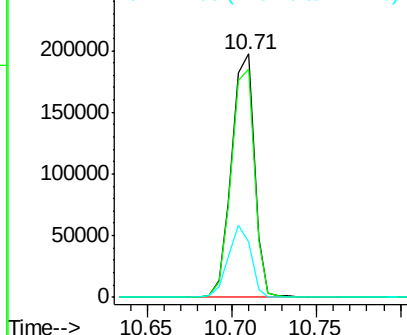
#41
 2,4,6-Tribromophenol
 Concen: 118.924 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: BF100573.D
 Acq: 15 Nov 2017 7:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 185572
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.0 115.6
 141 29.1 29.9 44.9#

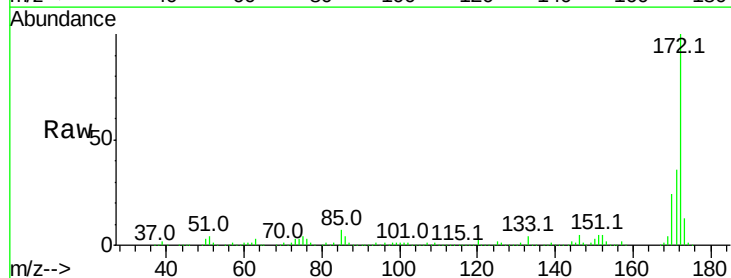


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

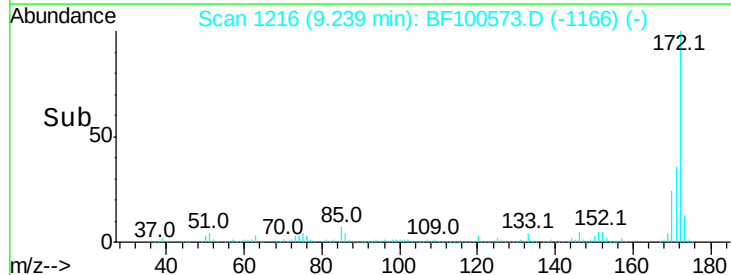
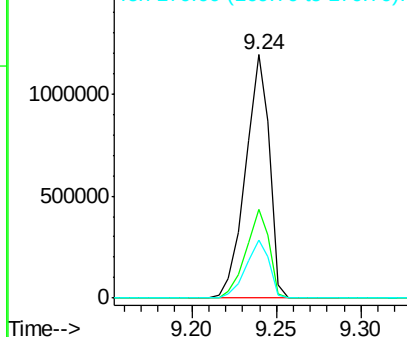


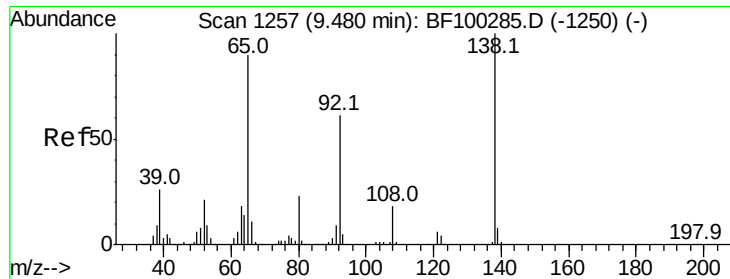
#44
 2-Fluorobiphenyl
 Concen: 117.210 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF100573.D
 Acq: 15 Nov 2017 7:00

Tgt Ion:172 Resp: 1178737
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 23.9 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: 3.337 ng

RT: 9.24 min Scan# 1216

Delta R.T. -0.22 min

Lab File: BF100573.D

Acq: 15 Nov 2017 7:00

Instrument :

BNA_F

ClientSampled :

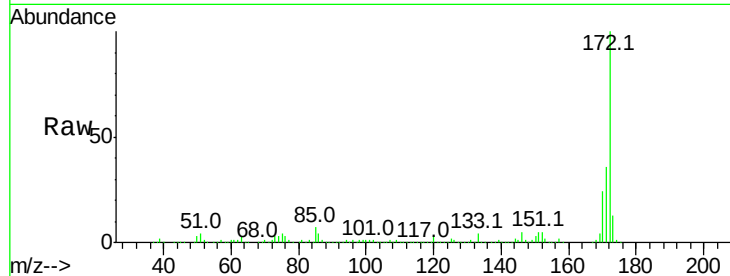
Tot Ion: 65 Resp: 1666

Ion Ratio Lower Upper

65 100

92 213.4 55.8 83.6#

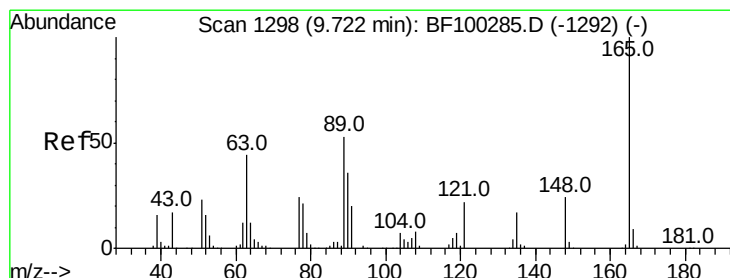
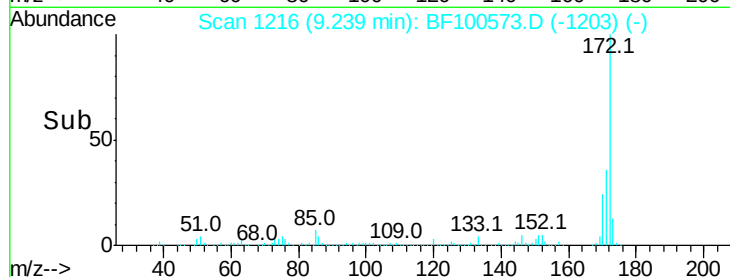
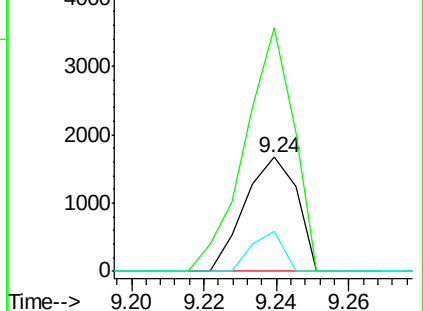
138 35.0 91.2 136.8#



Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#50

2,6-Dinitrotoluene

Concen: 8.205 ng

RT: 9.92 min Scan# 1331

Delta R.T. 0.21 min

Lab File: BF100573.D

Acq: 15 Nov 2017 7:00

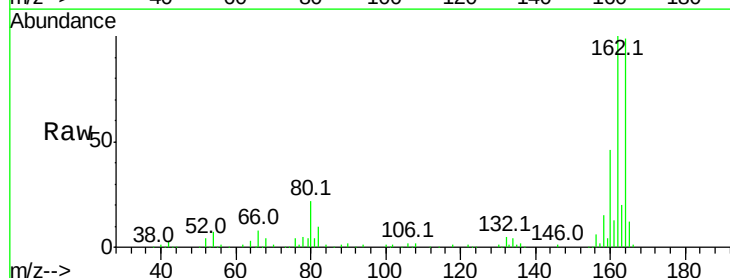
Tgt Ion:165 Resp: 18989

Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

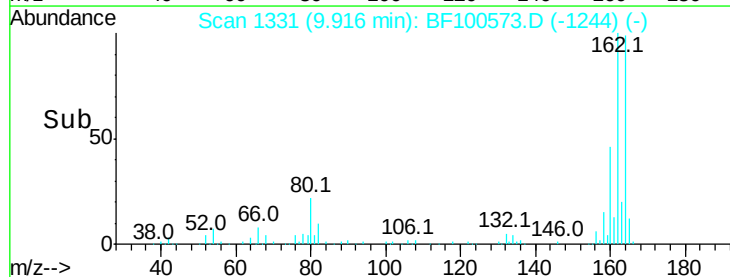
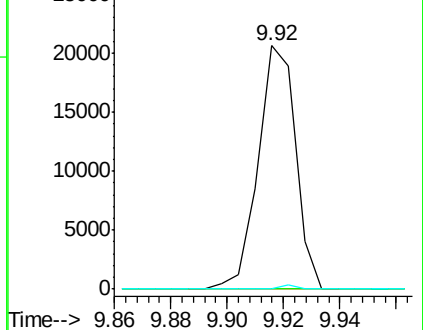
89 0.0 44.0 66.0#

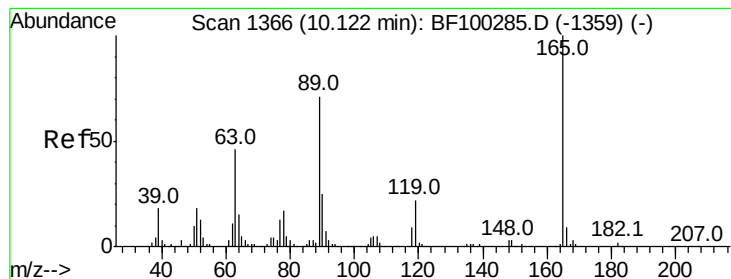


Abundance Ion 165.00 (164.70 to 165.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#56

2,4-Dinitrotoluene

Concen: 6.504 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.19 min

Lab File: BF100573.D

Acq: 15 Nov 2017 7:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 18989

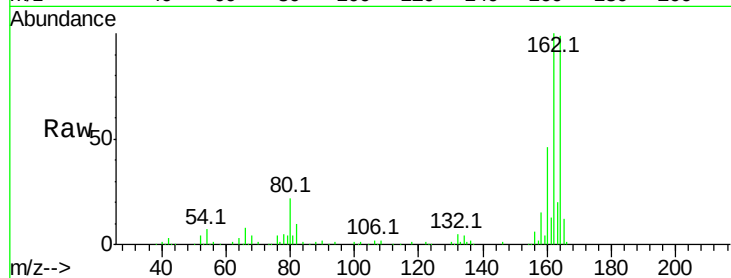
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 0.0 57.8 86.6#

182 0.0 1.6 2.4#

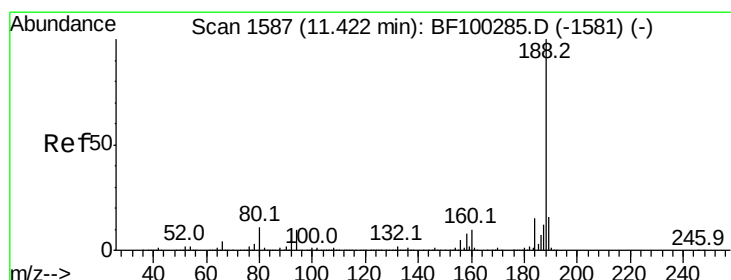
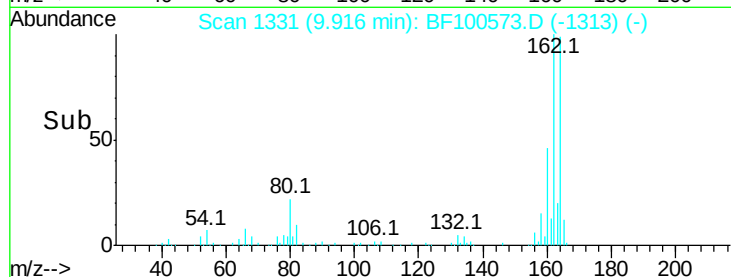
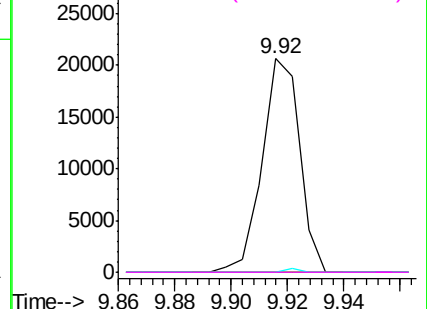


Abundance Ion 165.00 (164.70 to 165.70): E

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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF100573.D

Acq: 15 Nov 2017 7:00

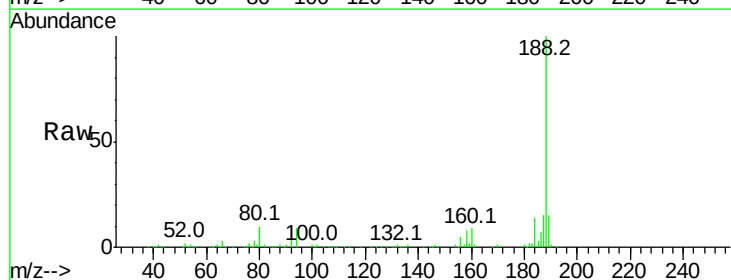
Tgt Ion:188 Resp: 247185

Ion Ratio Lower Upper

188 100

94 9.1 8.5 12.7

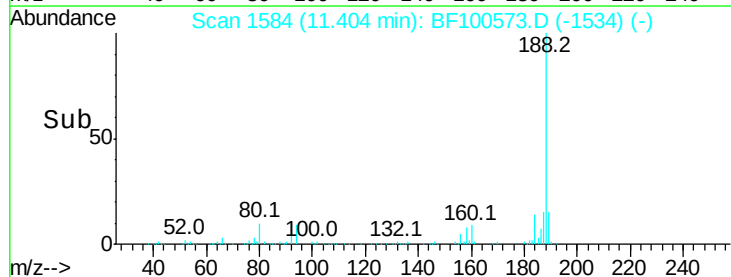
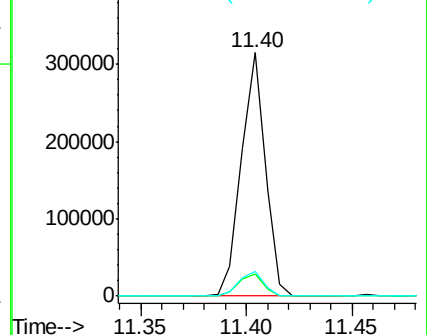
80 10.2 9.2 13.8

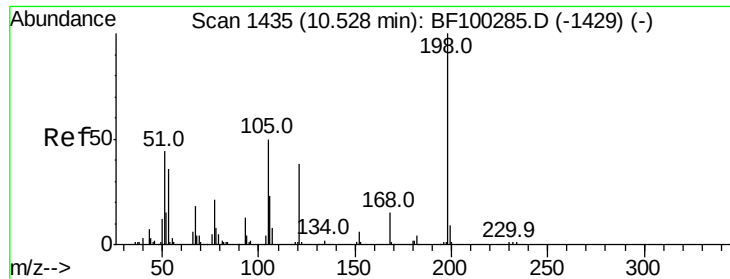


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

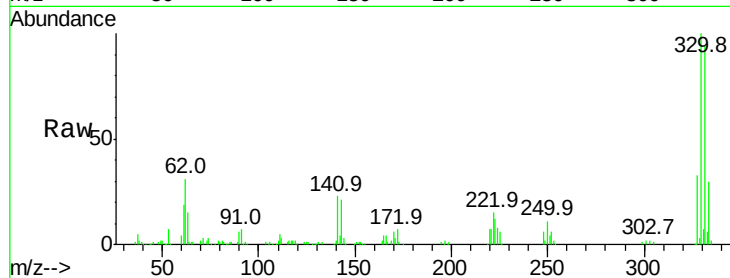




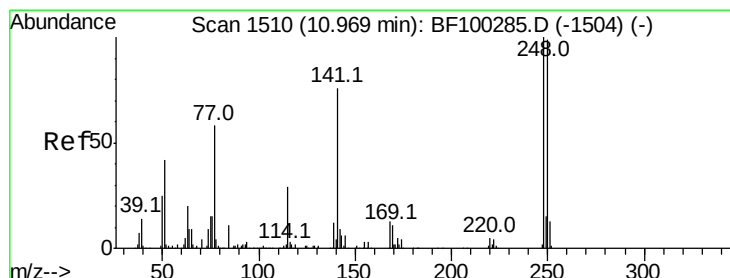
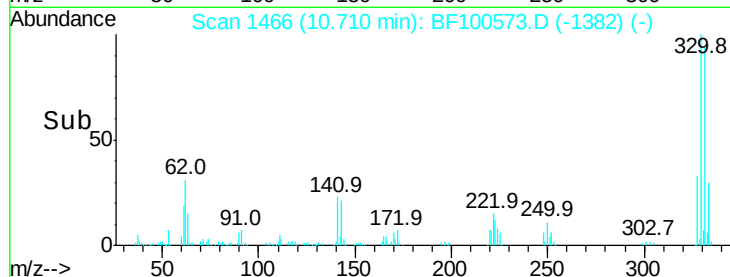
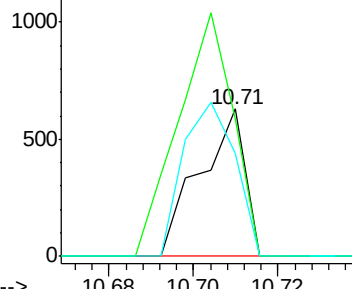
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.879 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.19 min
 Lab File: BF100573.D
 Acq: 15 Nov 2017 7:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:198 Resp: 470
 Ion Ratio Lower Upper
 198 100
 51 93.0 37.7 77.7#
 105 69.8 36.3 76.3

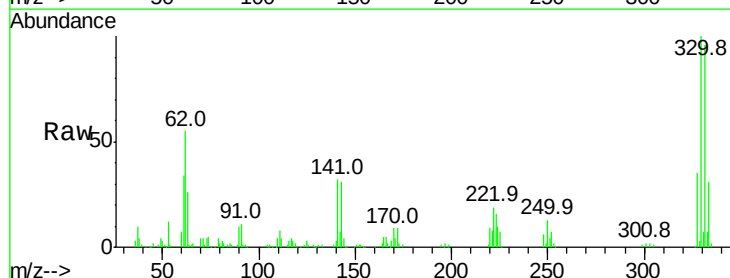


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

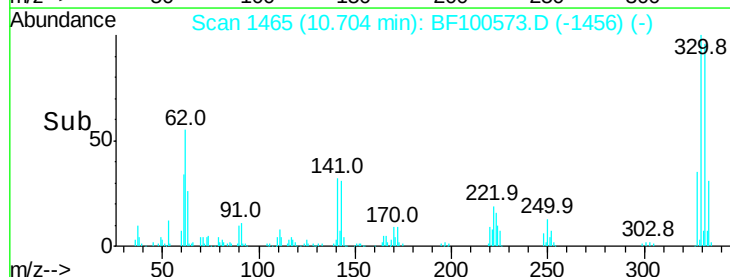
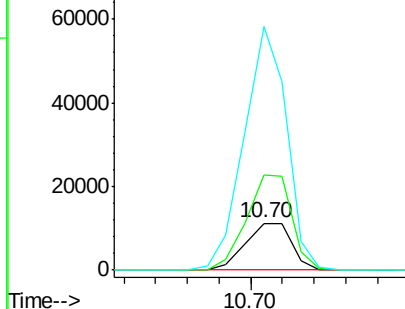


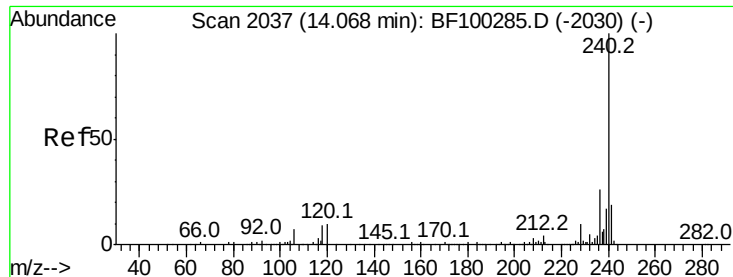
#66
 4-Bromophenyl-phenylether
 Concen: 4.241 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.25 min
 Lab File: BF100573.D
 Acq: 15 Nov 2017 7:00

Tgt Ion:248 Resp: 11237
 Ion Ratio Lower Upper
 248 100
 250 204.6 76.9 115.3#
 141 521.7 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: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF100573.D

Acq: 15 Nov 2017 7:00

Instrument :

BNA_F

ClientSampleId :

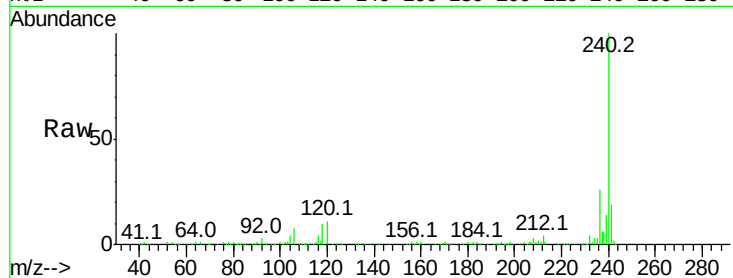
Tot Ion:240 Resp: 245156

Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.5	14.3
236	25.8	20.7	31.1

240 100

120 11.3 9.5 14.3

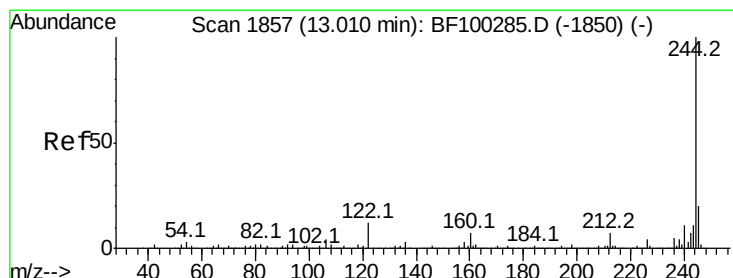
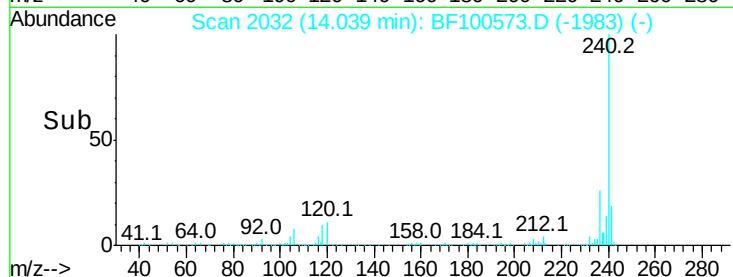
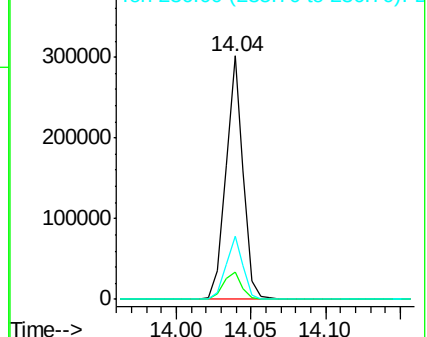
236 25.8 20.7 31.1



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: 86.912 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF100573.D

Acq: 15 Nov 2017 7:00

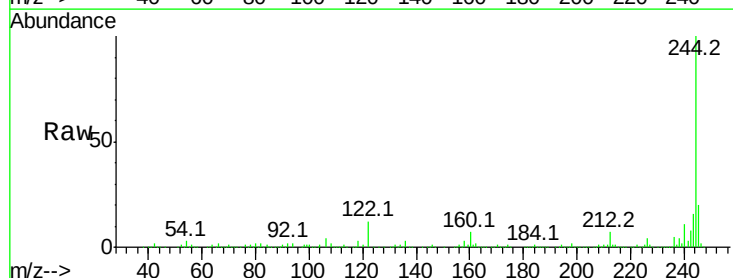
Tgt Ion:244 Resp: 927320

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	12.1	11.0	16.4

244 100

212 7.2 5.4 8.0

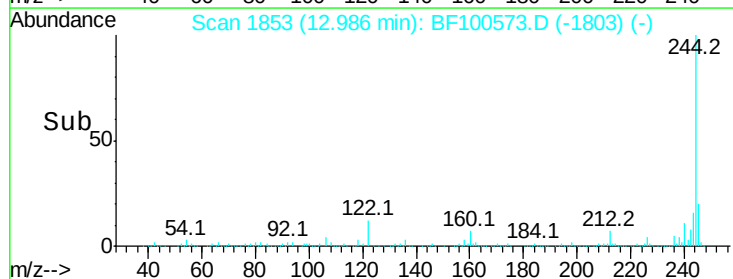
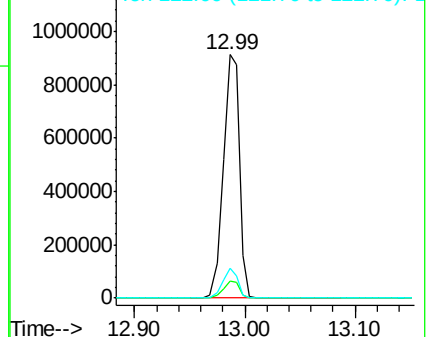
122 12.1 11.0 16.4

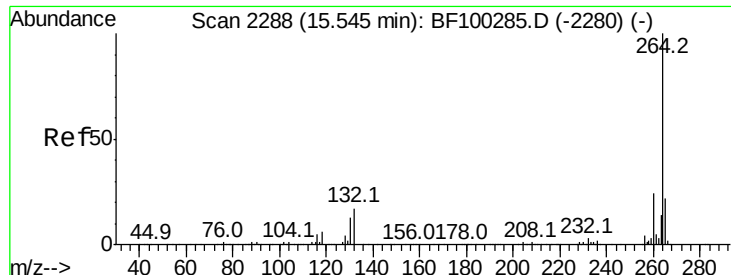


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

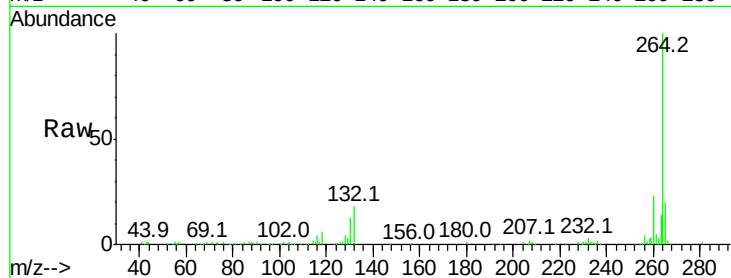




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.01 min
Lab File: BF100573.D
Acq: 15 Nov 2017 7:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	165102
Ion Ratio	Lower	Upper	
264	100		
260	23.2	19.2	28.8
265	20.1	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

