

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112117\
 Data File : BF100779.D
 Acq On : 21 Nov 2017 14:44
 Operator : SJ/JU
 Sample : I6340-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 22 04:08:41 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 15:22:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	87600	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	353129	20.00	ng	-0.02
38) Acenaphthene-d10	9.91	164	166822	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	330014	20.00	ng	-0.01
75) Chrysene-d12	14.03	240	224072	20.00	ng	-0.01
86) Perylene-d12	15.50	264	190664	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	605830	110.86	ng	0.00
7) Phenol-d6	6.50	99	737537	109.45	ng	-0.01
23) Nitrobenzene-d5	7.43	82	442422	82.83	ng	-0.02
41) 2,4,6-Tribromophenol	10.70	330	178831	105.20	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	685280	62.55	ng	-0.01
78) Terphenyl-d14	12.98	244	567149	58.16	ng	0.00

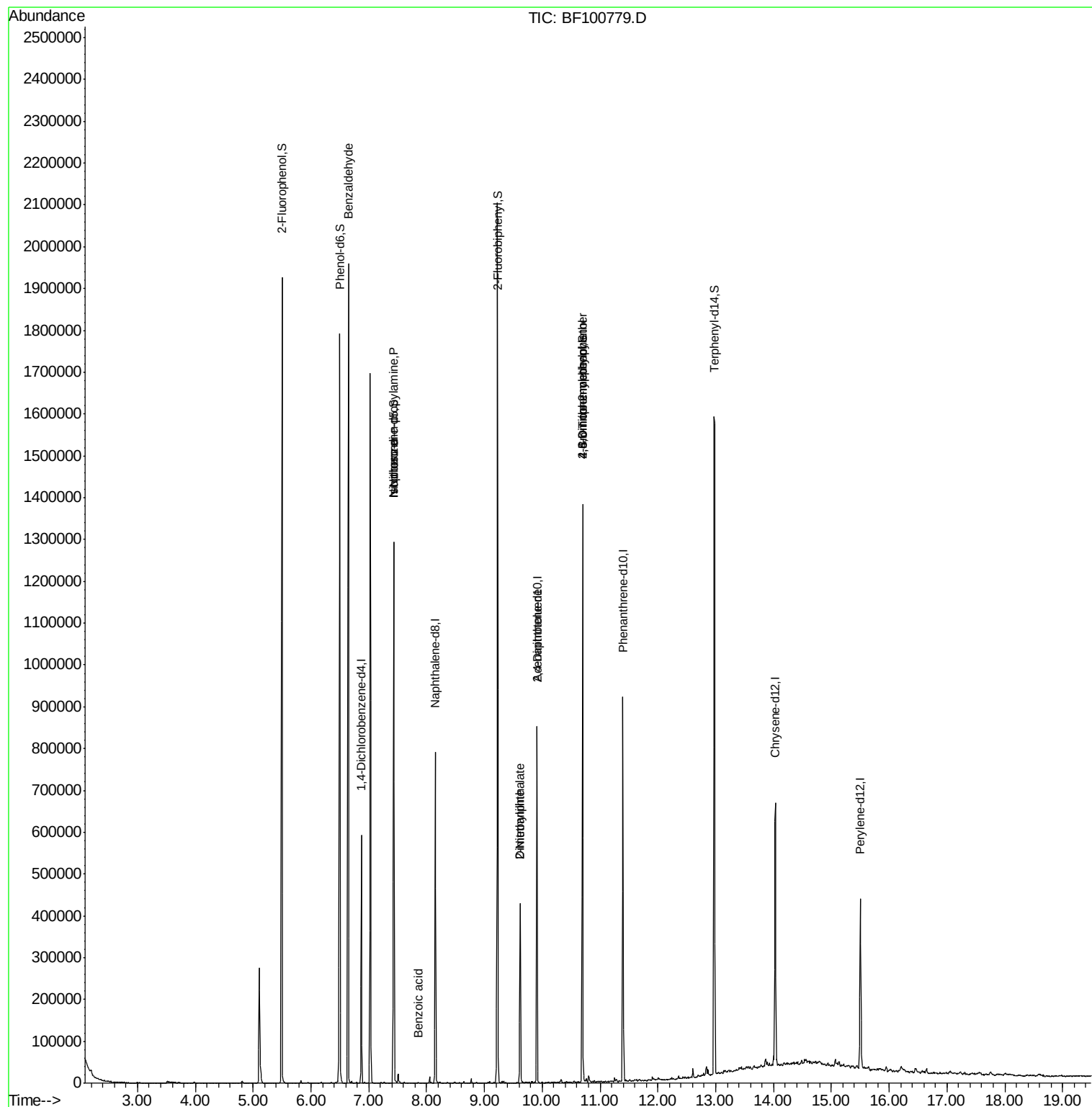
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.65	77	12520	2.60	ng	86
19) n-Nitroso-di-n-propylamine	7.43	70	56830	12.16	ng	# 81
25) Isophorone	7.43	82	442414	39.42	ng	# 64
32) Benzoic acid	7.86	122	156	9.40	ng	# 74
47) 2-Nitroaniline	9.62	65	1494	3.24	ng	# 1
49) Dimethylphthalate	9.62	163	192039	15.08	ng	99
56) 2,4-Dinitrotoluene	9.91	165	22201	6.98	ng	# 22
64) 4,6-Dinitro-2-methylphenol	10.70	198	275	8.71	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	11079	3.13	ng	# 1

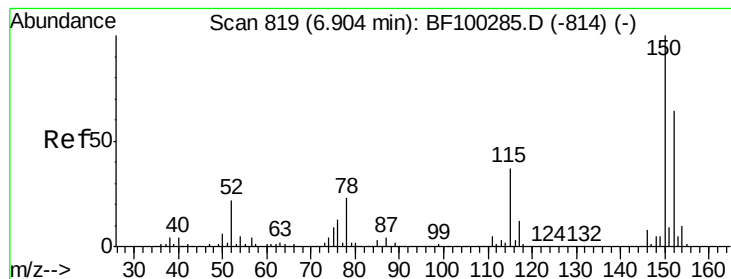
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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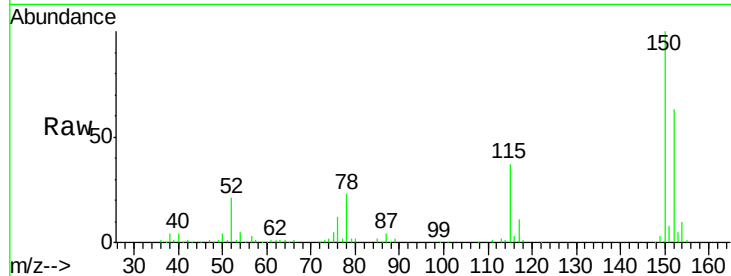


#1

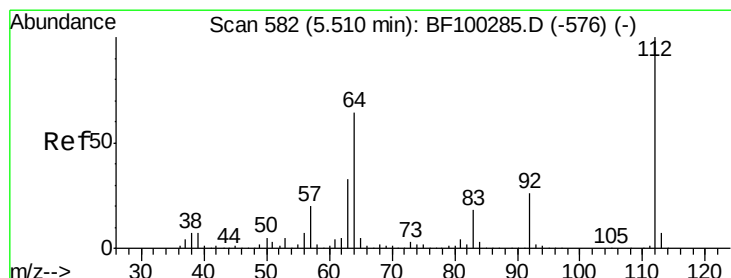
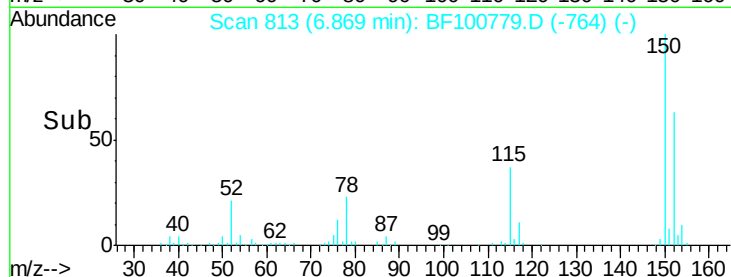
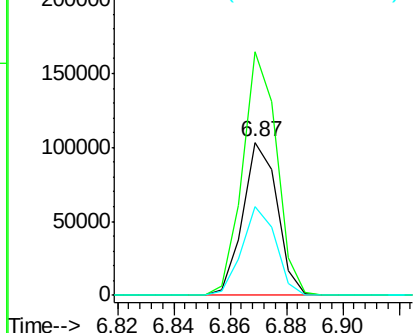
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF100779.D
Acq: 21 Nov 2017 14:44

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 87600
Ion Ratio Lower Upper
152 100
150 158.8 124.6 186.8
115 58.2 50.1 75.1



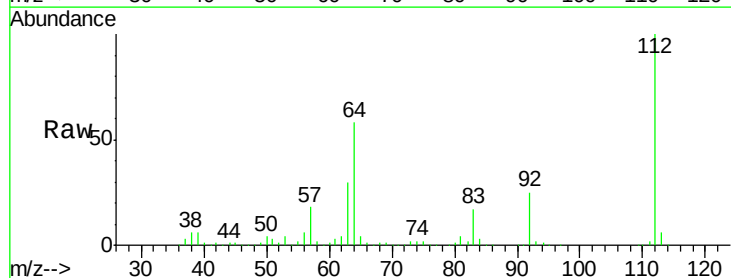
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



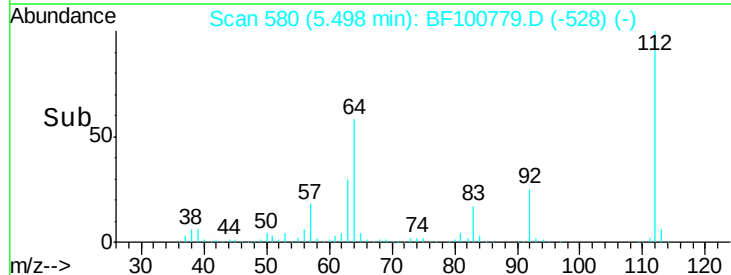
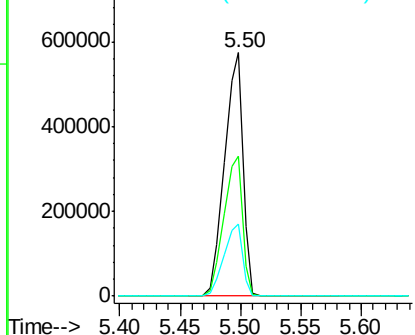
#5

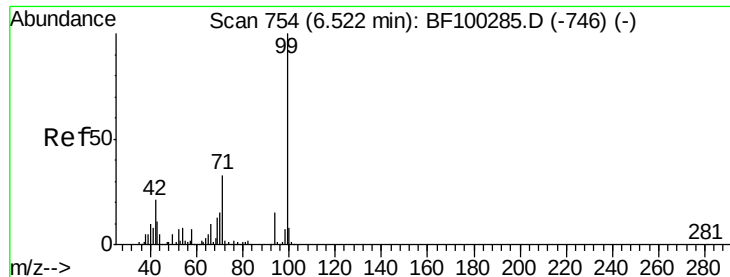
2-Fluorophenol
Concen: 110.86 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF100779.D
Acq: 21 Nov 2017 14:44

Tgt Ion:112 Resp: 605830
Ion Ratio Lower Upper
112 100
64 57.7 47.9 71.9
63 29.6 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: 109.45 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF100779.D

Acq: 21 Nov 2017 14:44

Instrument :

BNA_F

ClientSampleId :

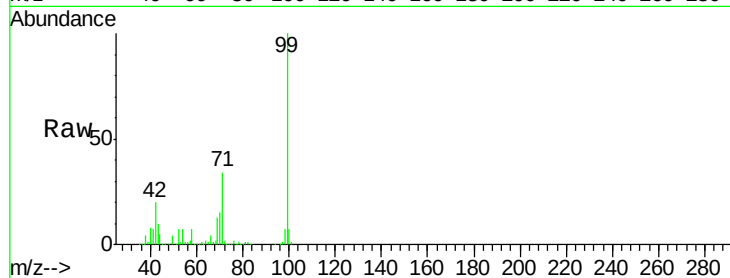
Tot Ion: 99 Resp: 737537

Ion Ratio Lower Upper

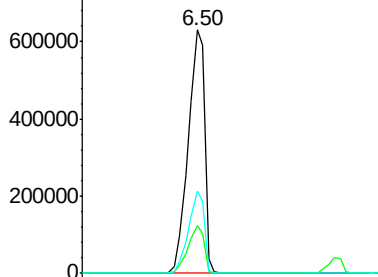
99 100

42 19.7 14.5 21.7

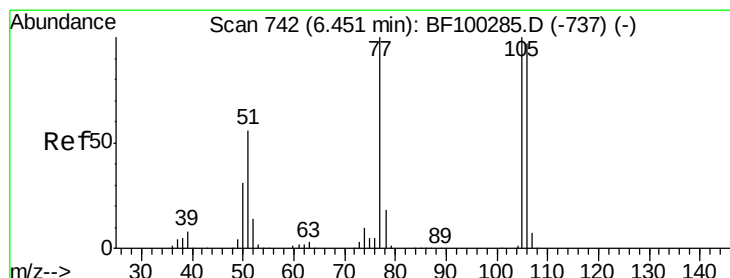
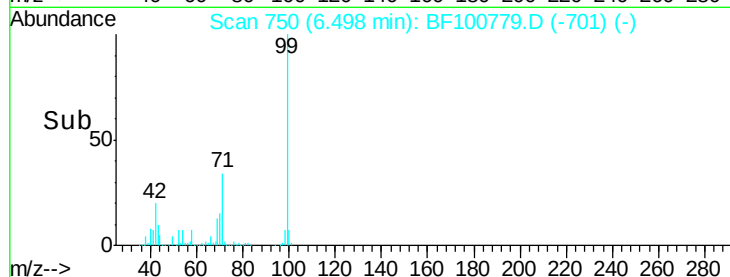
71 33.8 25.4 38.0



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



Time-->



#9

Benzaldehyde

Concen: 2.60 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.21 min

Lab File: BF100779.D

Acq: 21 Nov 2017 14:44

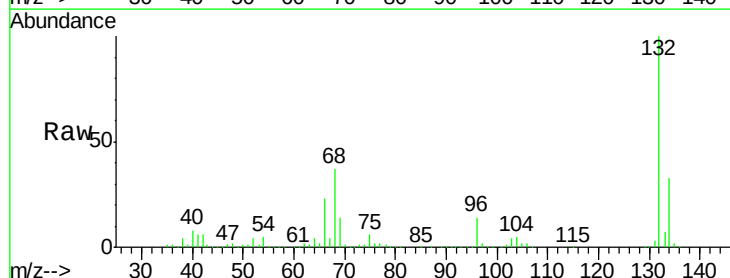
Tgt Ion: 77 Resp: 12520

Ion Ratio Lower Upper

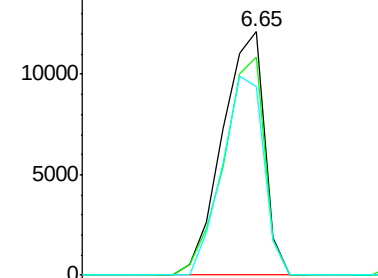
77 100

105 89.8 81.1 121.1

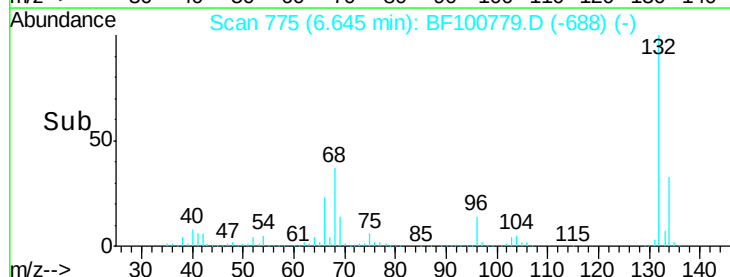
106 77.5 74.5 114.5

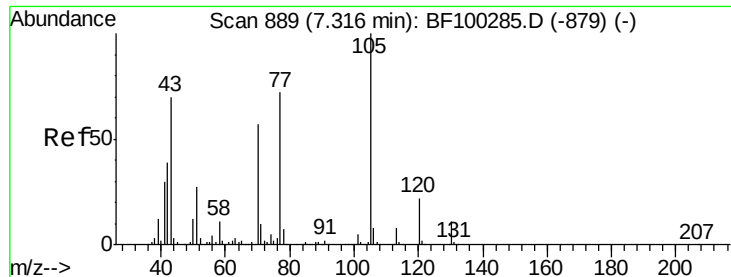


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1



Time-->

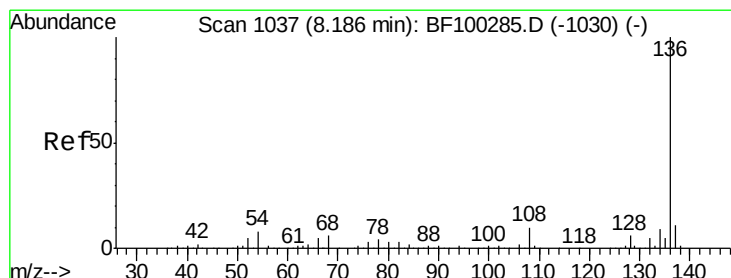
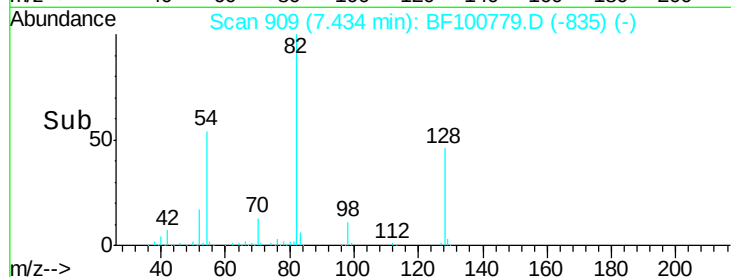
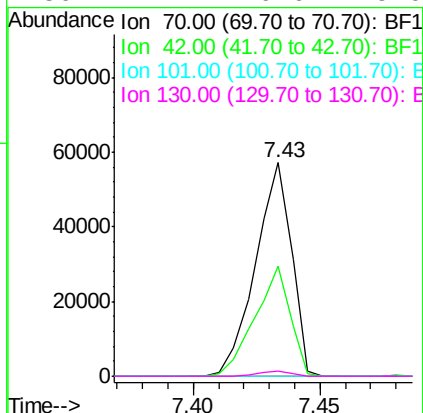
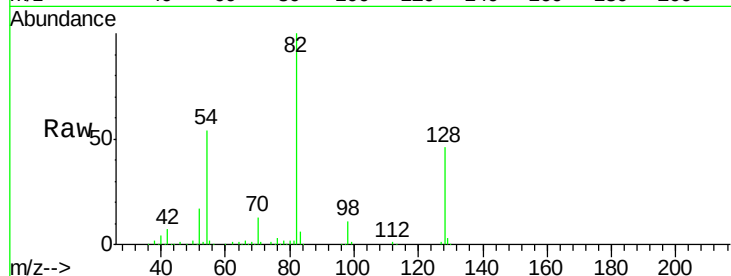




#19
n-Nitroso-di-n-propylamine
Concen: 12.16 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.14 min
Lab File: BF100779.D
Acq: 21 Nov 2017 14:44

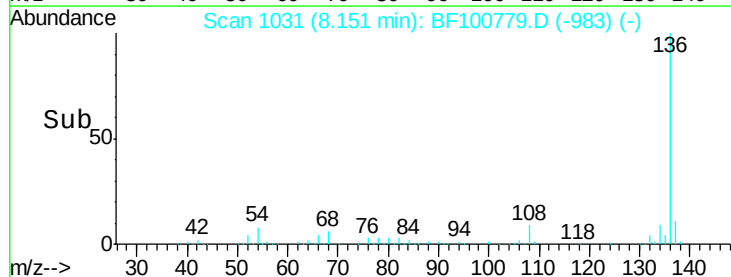
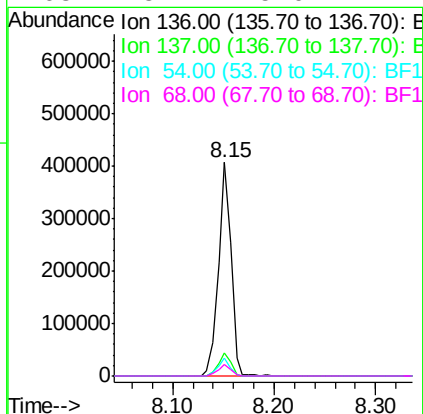
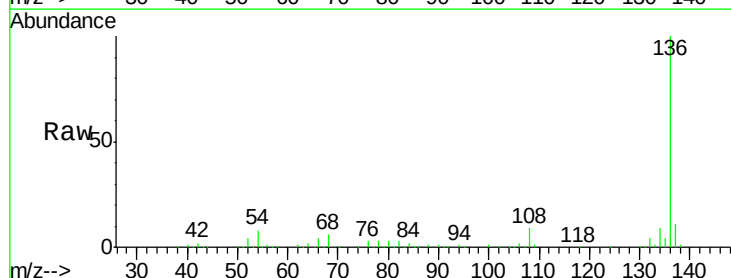
Instrument :
BNA_F
ClientSampleId :

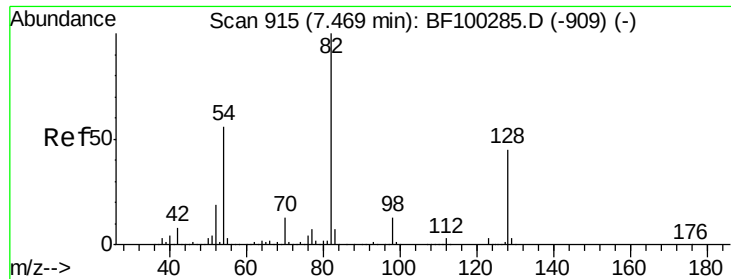
Tot Ion: 70 Resp: 56830
Ion Ratio Lower Upper
70 100
42 51.5 47.5 71.3
101 0.0 7.4 11.2#
130 2.2 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF100779.D
Acq: 21 Nov 2017 14:44

Tgt Ion: 136 Resp: 353129
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 8.2 6.6 9.8
68 5.7 5.0 7.4

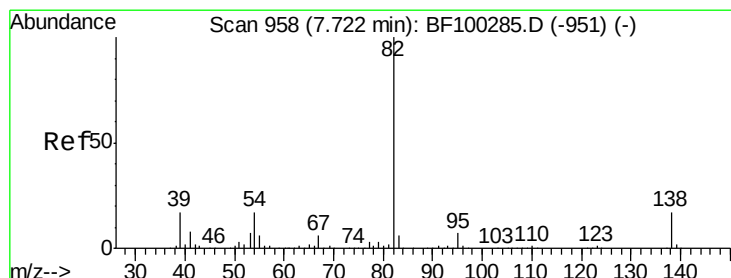
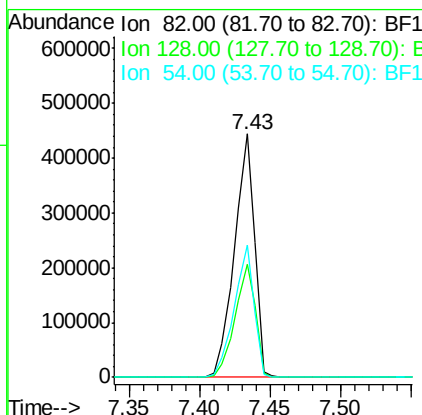
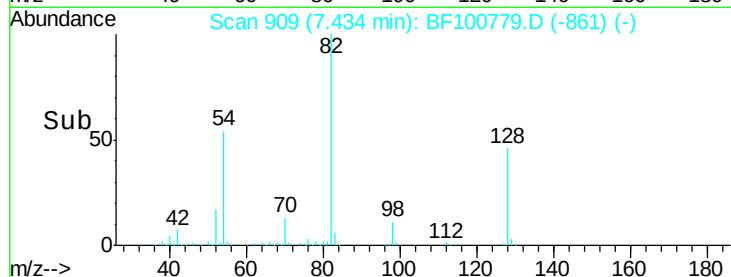
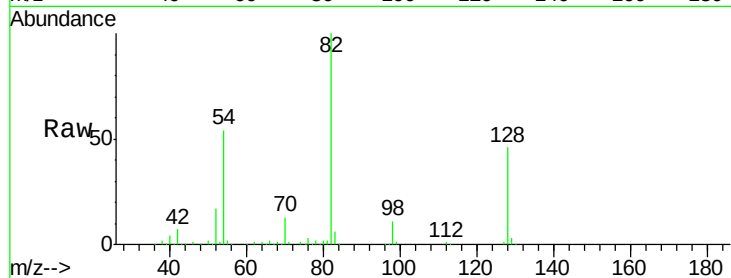




#23
Nitrobenzene-d5
Concen: 82.83 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF100779.D
Acq: 21 Nov 2017 14:44

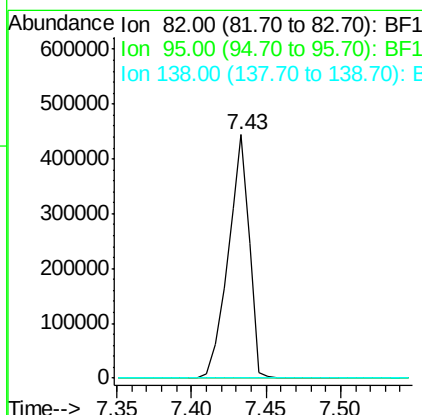
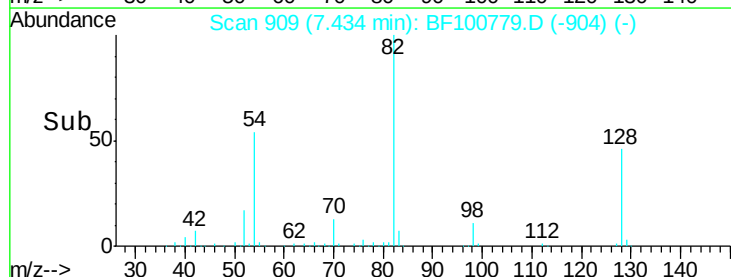
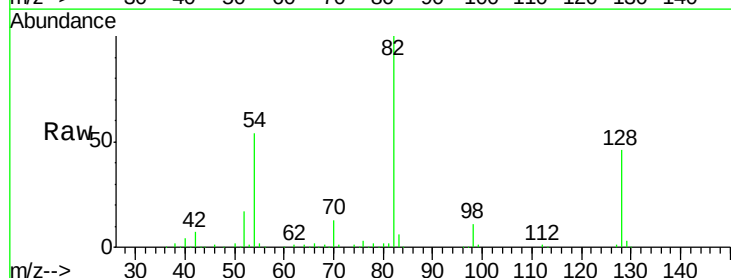
Instrument :
BNA_F
ClientSampled :

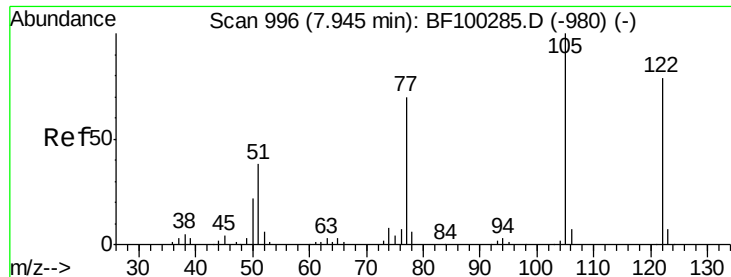
Tot Ion: 82 Resp: 442422
Ion Ratio Lower Upper
82 100
128 46.4 36.1 54.1
54 54.3 41.4 62.2



#25
Isophorone
Concen: 39.42 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.27 min
Lab File: BF100779.D
Acq: 21 Nov 2017 14:44

Tgt Ion: 82 Resp: 442414
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#

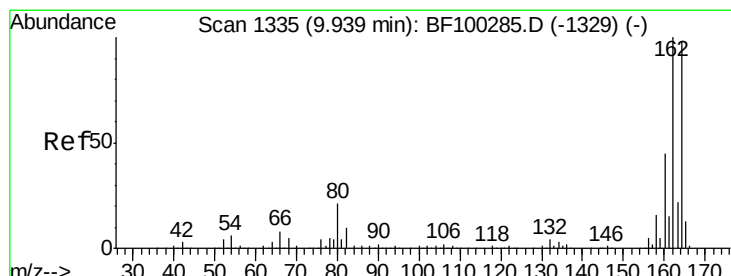
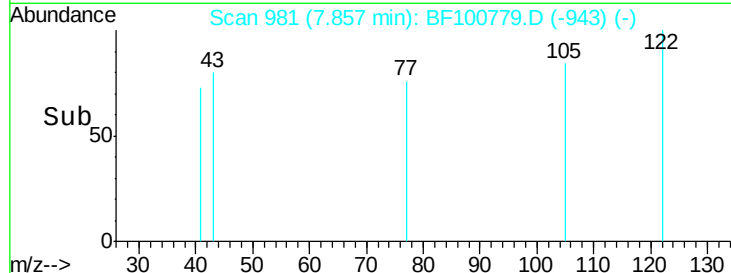
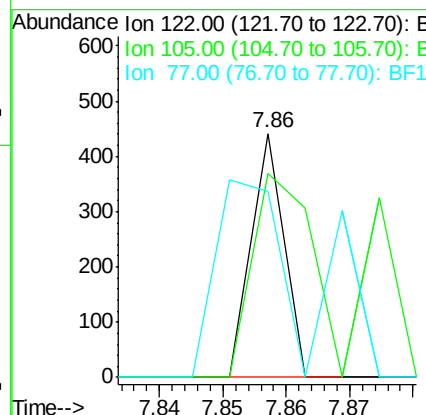
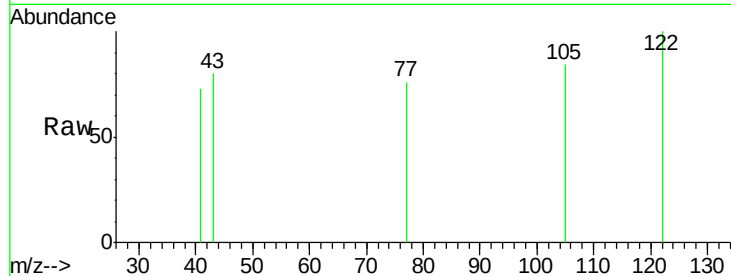




#32
Benzoic acid
Concen: 9.40 ng
RT: 7.86 min Scan# 981
Delta R.T. -0.08 min
Lab File: BF100779.D
Acq: 21 Nov 2017 14:44

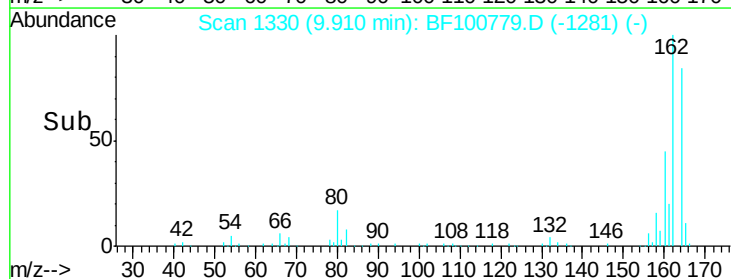
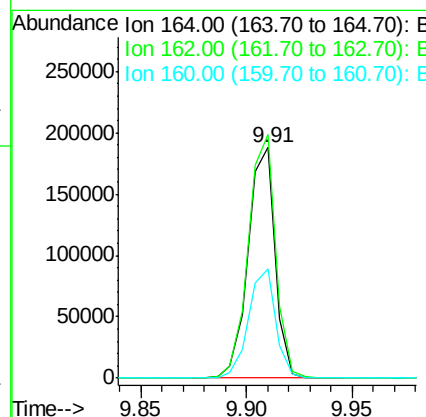
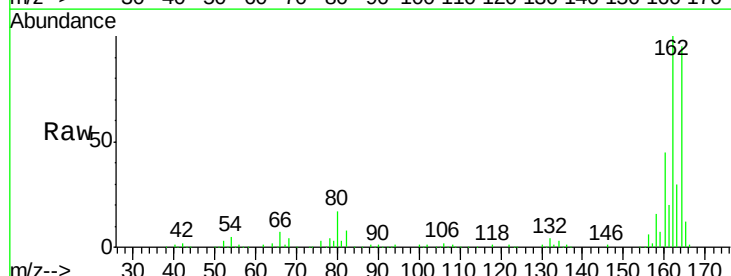
Instrument :
BNA_F
ClientSampleId :

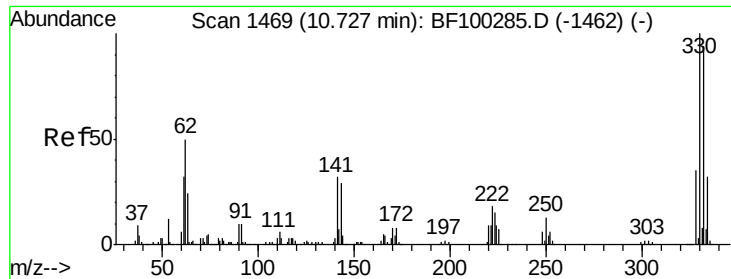
Tot Ion	Ion	Ratio	Lower	Upper
122	100			
105	83.9	101.1	141.1	
77	76.2	70.7	110.7	



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF100779.D
Acq: 21 Nov 2017 14:44

Tgt Ion	Ion	Ratio	Lower	Upper
164	100			
162	105.7	86.1	129.1	
160	47.6	38.3	57.5	

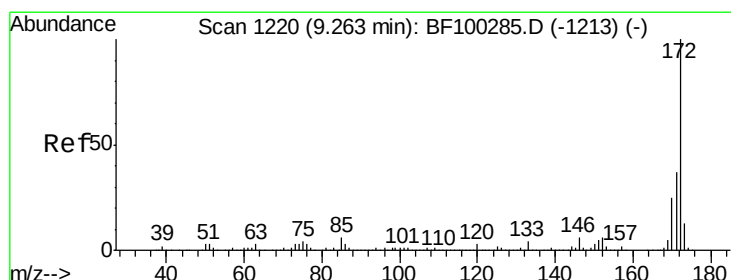
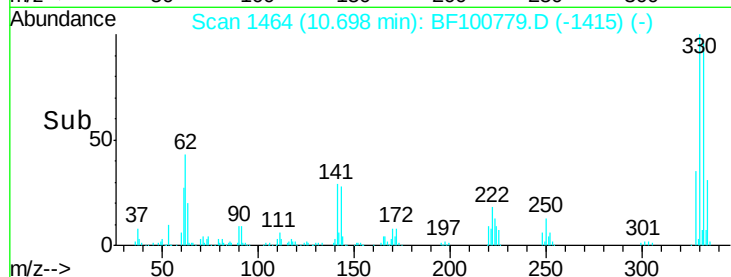
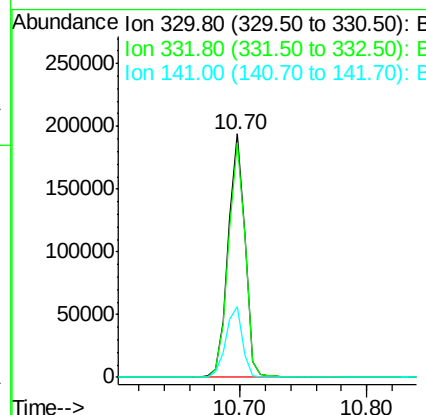
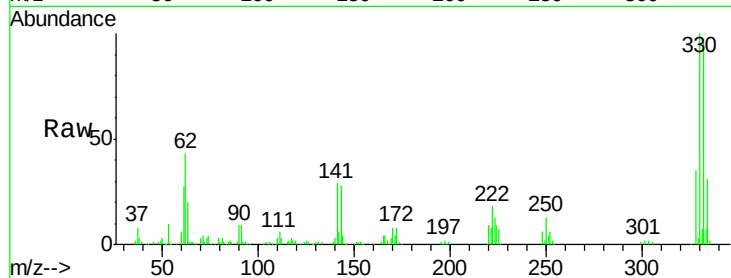




#41
 2,4,6-Tribromophenol
 Concen: 105.20 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BF100779.D
 Acq: 21 Nov 2017 14:44

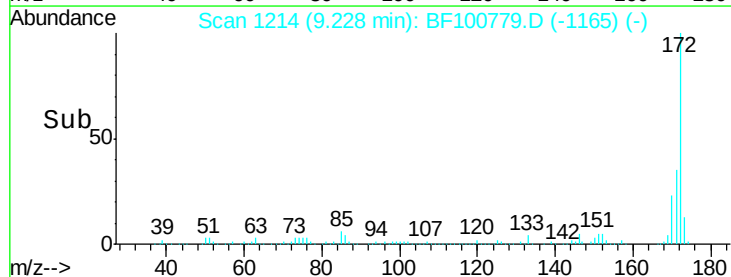
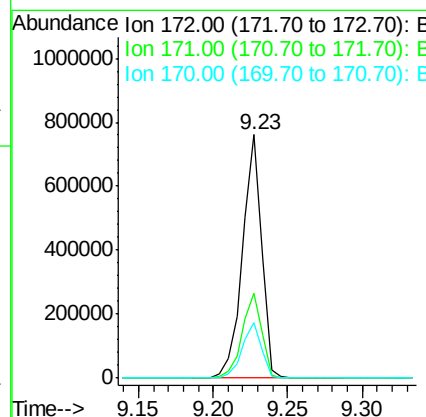
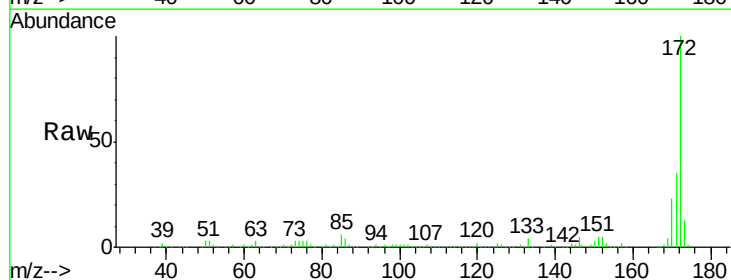
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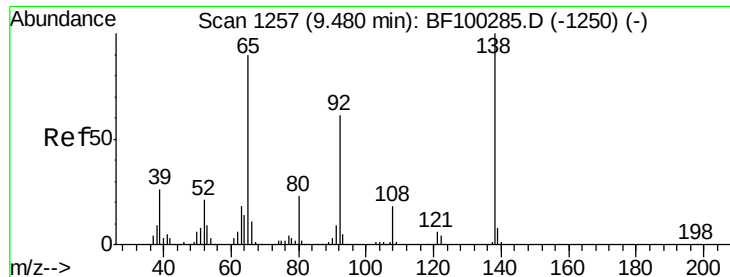
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	29.2	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 62.55 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF100779.D
 Acq: 21 Nov 2017 14:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.7	44.5
170	22.9	19.6	29.4





#47

2-Nitroaniline

Concen: 3.24 ng

RT: 9.62 min Scan# 1280

Delta R.T. 0.15 min

Lab File: BF100779.D

Acq: 21 Nov 2017 14:44

Instrument :

BNA_F

ClientSampleId :

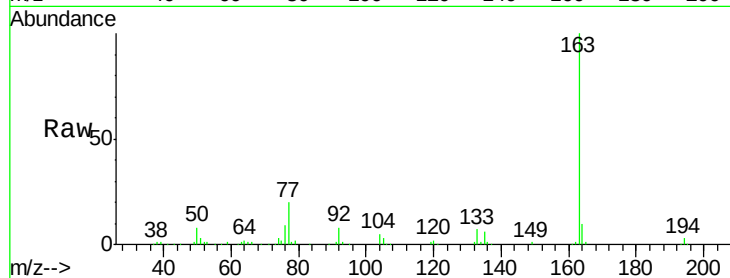
Tot Ion: 65 Resp: 1494

Ion Ratio Lower Upper

65 100

92 878.7 55.8 83.6#

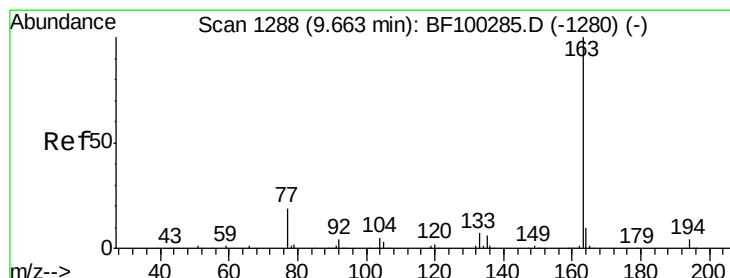
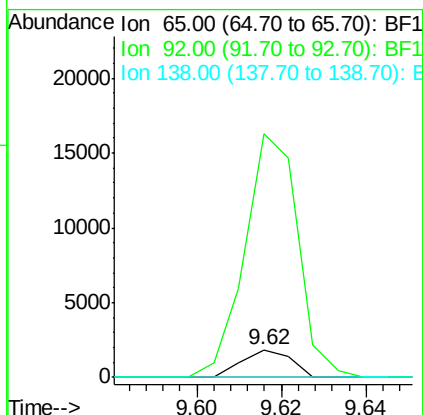
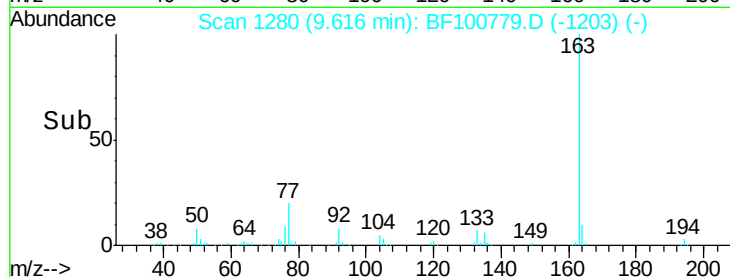
138 0.0 91.2 136.8#



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): BF1



#49

Dimethylphthalate

Concen: 15.08 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.02 min

Lab File: BF100779.D

Acq: 21 Nov 2017 14:44

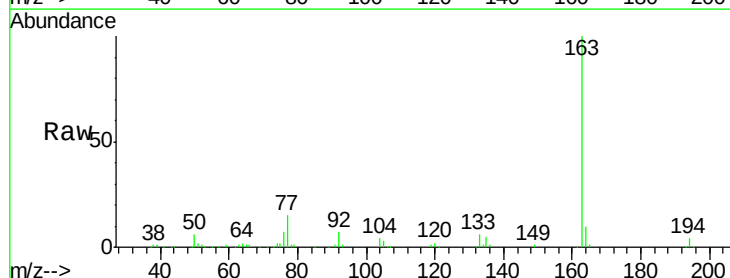
Tgt Ion:163 Resp: 192039

Ion Ratio Lower Upper

163 100

194 3.9 2.7 4.1

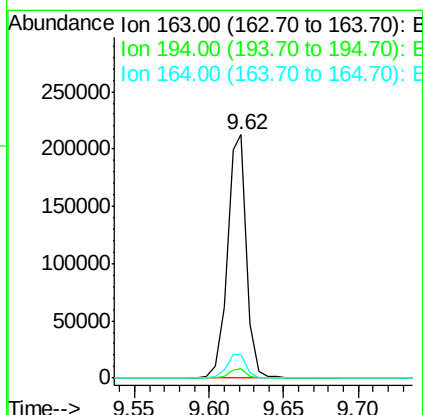
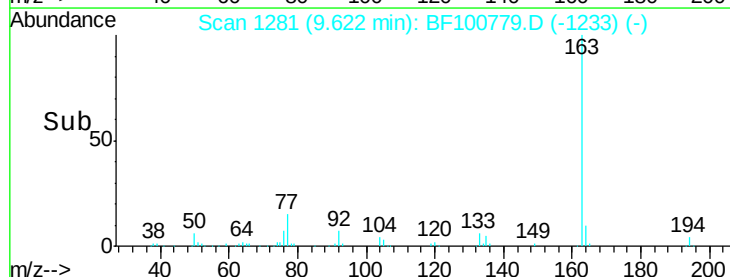
164 9.8 8.2 12.2

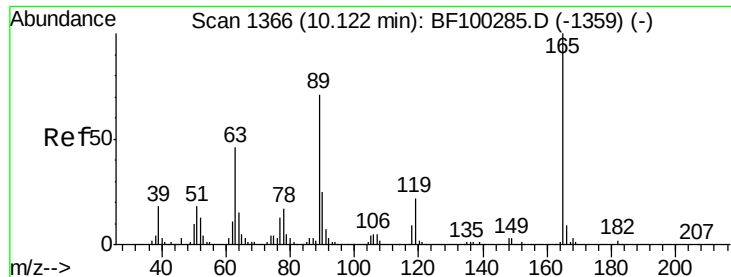


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

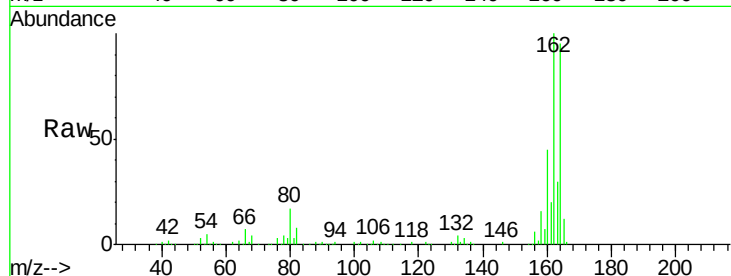




#56
 2,4-Dinitrotoluene
 Concen: 6.98 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.20 min
 Lab File: BF100779.D
 Acq: 21 Nov 2017 14:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

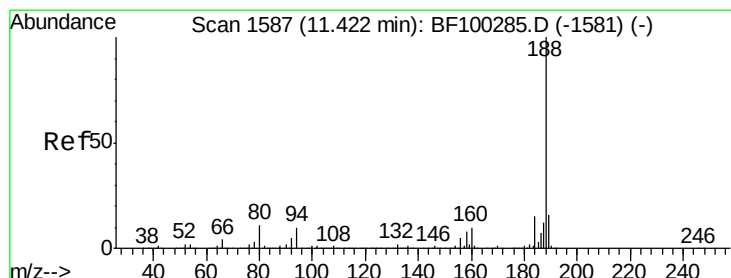
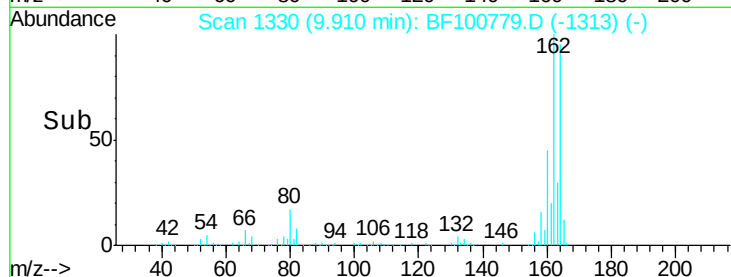
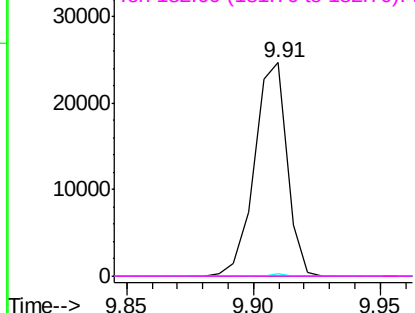


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

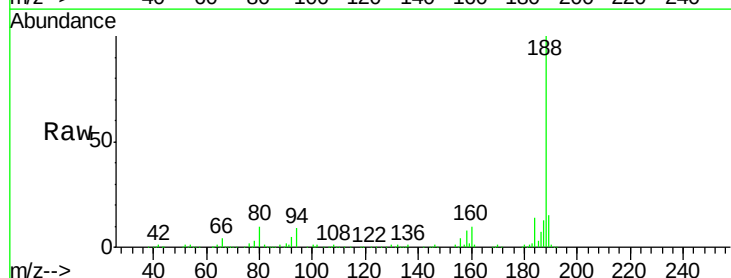
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. -0.01 min
 Lab File: BF100779.D
 Acq: 21 Nov 2017 14:44

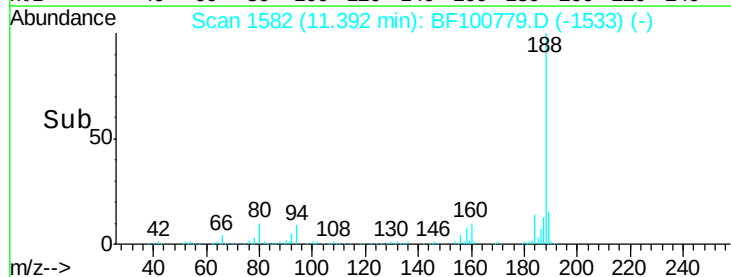
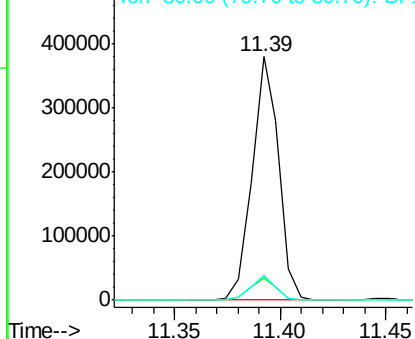
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.5	12.7
80	10.4	9.2	13.8

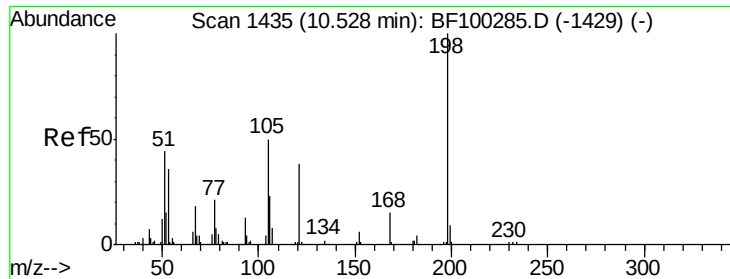


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

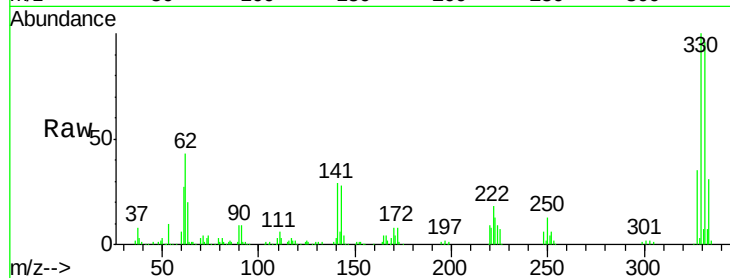




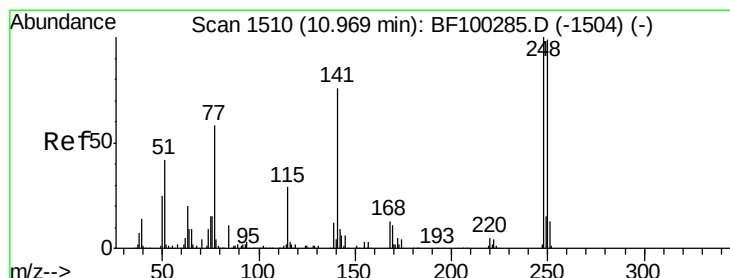
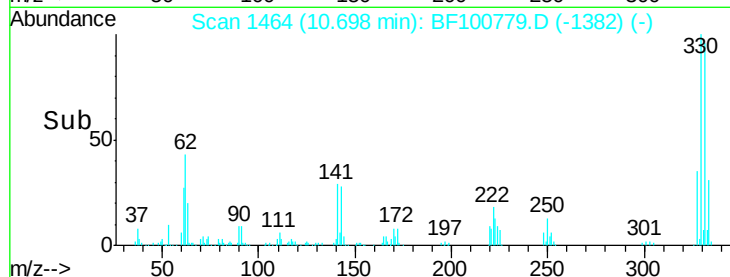
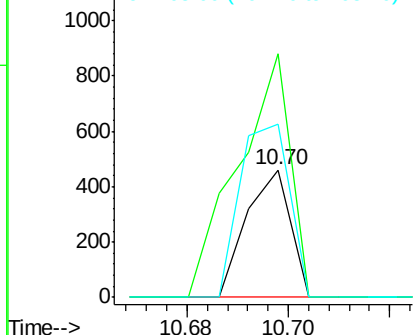
#64
4,6-Dinitro-2-methylphenol
Concen: 8.71 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.18 min
Lab File: BF100779.D
Acq: 21 Nov 2017 14:44

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 275
Ion Ratio Lower Upper
198 100
51 191.3 37.7 77.7#
105 135.7 36.3 76.3#

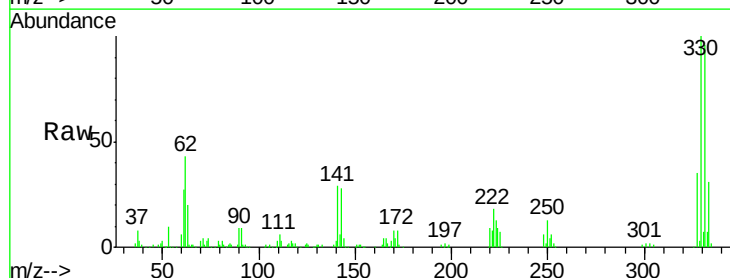


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

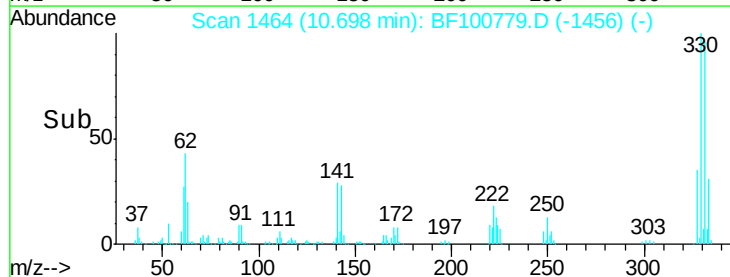
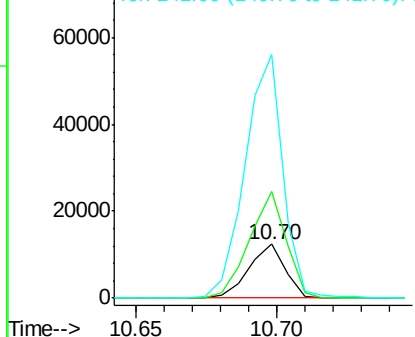


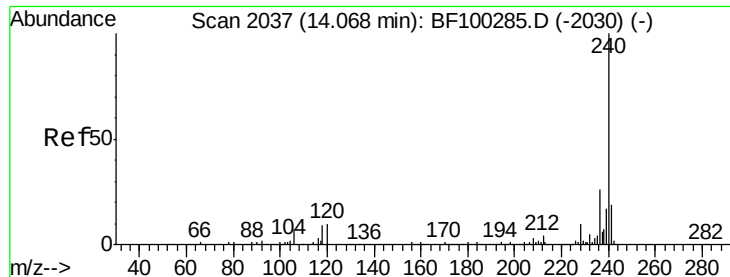
#66
4-Bromophenyl-phenylether
Concen: 3.13 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.25 min
Lab File: BF100779.D
Acq: 21 Nov 2017 14:44

Tgt Ion:248 Resp: 11079
Ion Ratio Lower Upper
248 100
250 197.9 76.9 115.3#
141 449.7 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: 20.00 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF100779.D

Acq: 21 Nov 2017 14:44

Instrument :

BNA_F

ClientSampleId :

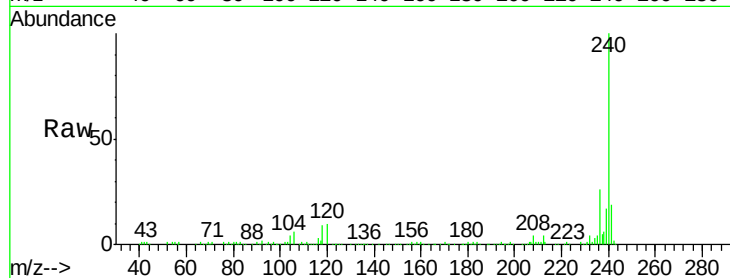
Tot Ion:240 Resp: 224072

Ion Ratio Lower Upper

240 100

120 10.1 9.5 14.3

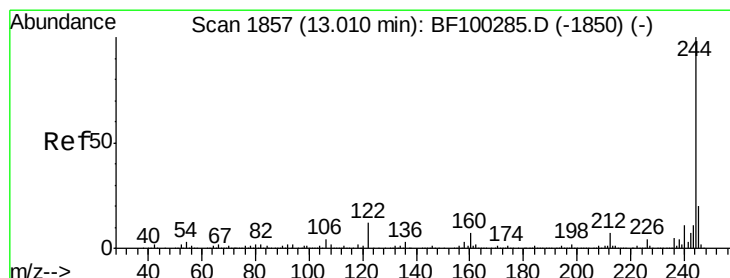
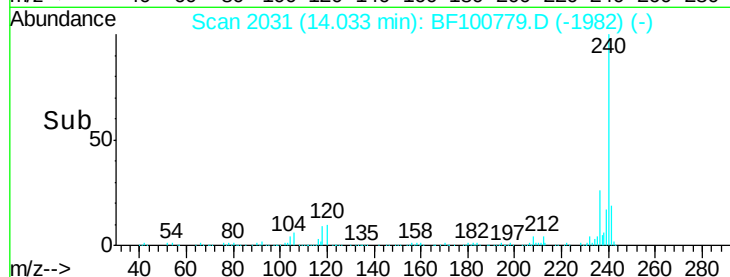
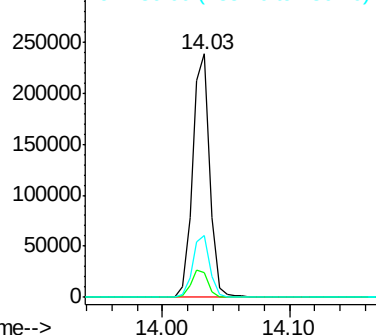
236 25.6 20.7 31.1



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: 58.16 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF100779.D

Acq: 21 Nov 2017 14:44

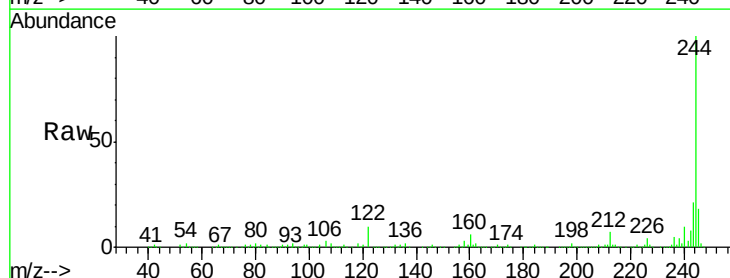
Tgt Ion:244 Resp: 567149

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

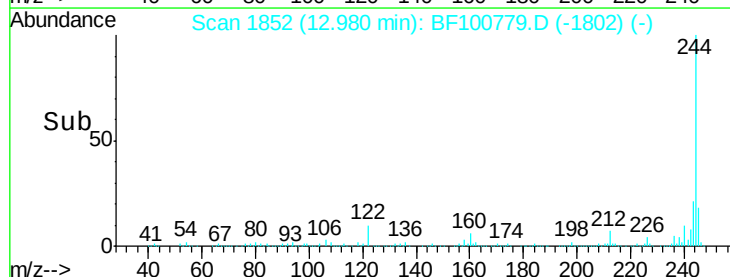
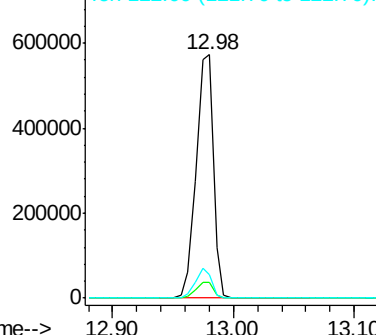
122 9.7 11.0 16.4#

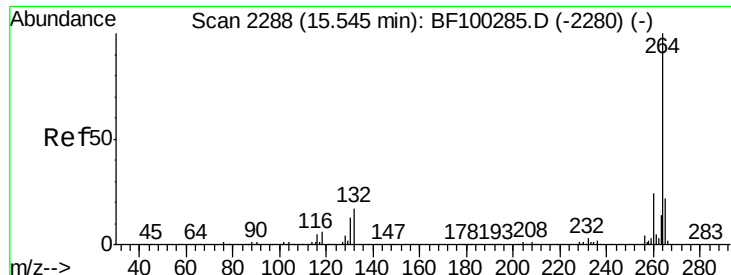


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

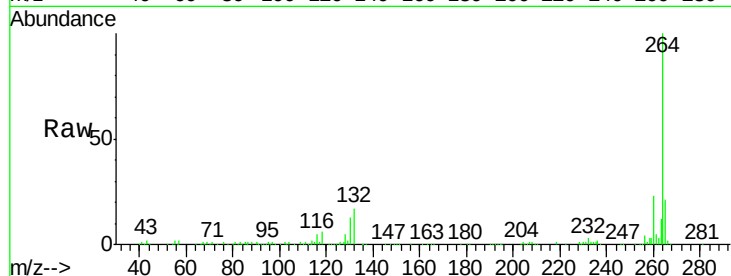




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BF100779.D
Acq: 21 Nov 2017 14:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	190664
Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.2	28.8
265	21.3	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

