

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121117\
 Data File : BF101286.D
 Acq On : 11 Dec 2017 13:48
 Operator : SJ/JU
 Sample : I6746-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 11 16:37:54 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 08 18:17:31 2017
 Response via : Initial Calibration

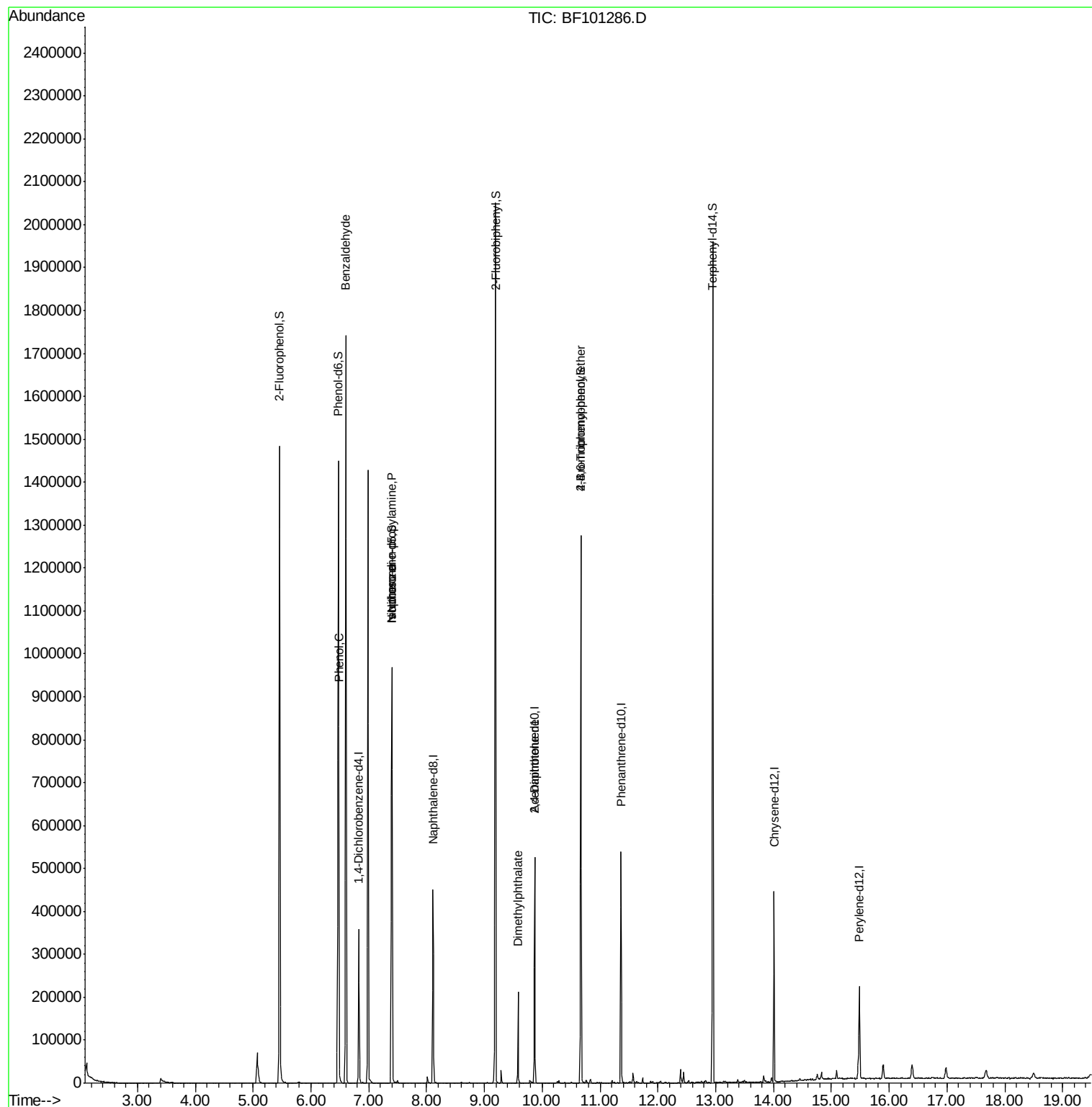
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	50141	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	202061	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	97291	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	189561	20.00	ng	0.00
75) Chrysene-d12	14.01	240	148206	20.00	ng	0.00
86) Perylene-d12	15.49	264	105380	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	470287	154.99	ng	0.02
7) Phenol-d6	6.47	99	577327	156.71	ng	0.01
23) Nitrobenzene-d5	7.40	82	358851	105.94	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	162590	139.12	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	718598	101.06	ng	0.00
78) Terphenyl-d14	12.95	244	703677	103.85	ng	0.01
Target Compounds						
9) Benzaldehyde	6.60	77	10237	4.540	ng	85
10) Phenol	6.49	94	16336	3.988	ng	95
19) n-Nitroso-di-n-propylamine	7.40	70	47568	19.173	ng	# 79
25) Isophorone	7.40	82	358847	62.022	ng	# 64
49) Dimethylphthalate	9.58	163	79472	10.129	ng	# 99
56) 2,4-Dinitrotoluene	9.87	165	11901	5.373	ng	# 21
66) 4-Bromophenyl-phenylether	10.67	248	10528	4.962	ng	# 1

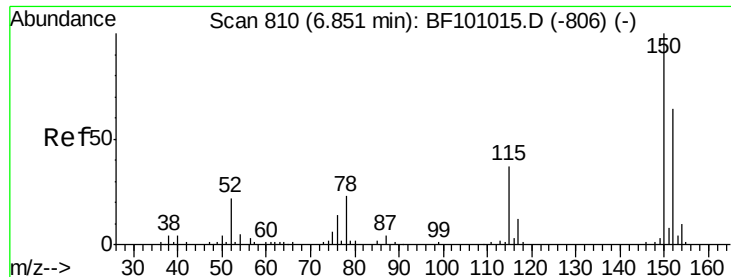
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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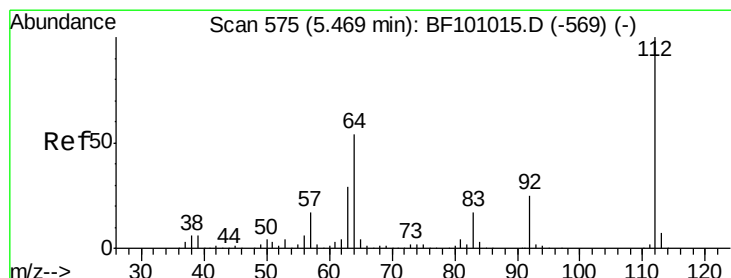
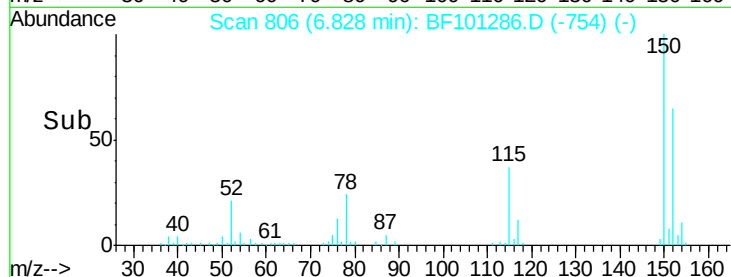
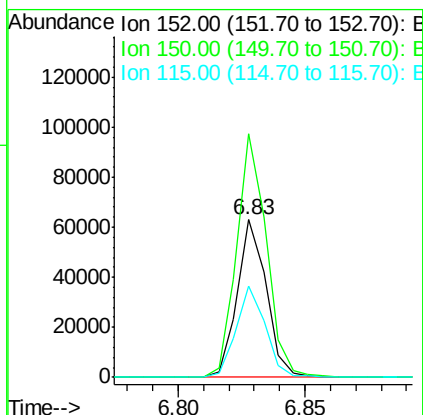
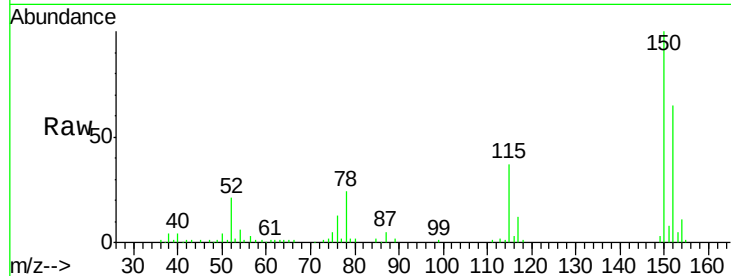


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: BF101286.D
 Acq: 11 Dec 2017 13:48

Instrument :
 BNA_F
 ClientSampleId :

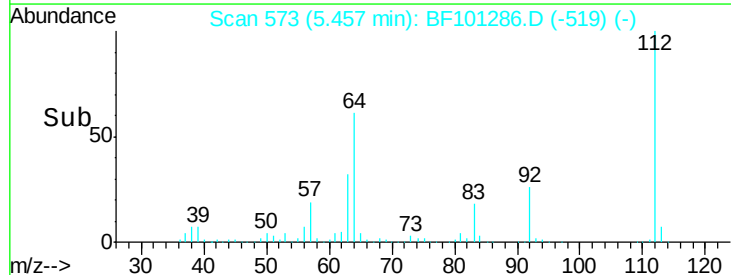
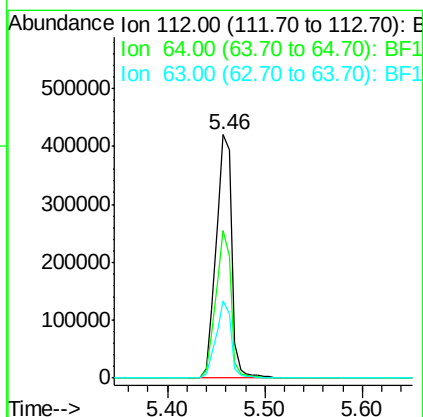
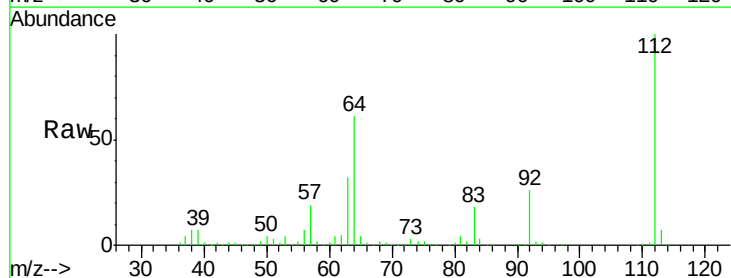
Tot Ion:152 Resp: 50141
 Ion Ratio Lower Upper
 152 100
 150 154.5 124.6 186.8
 115 57.7 50.1 75.1

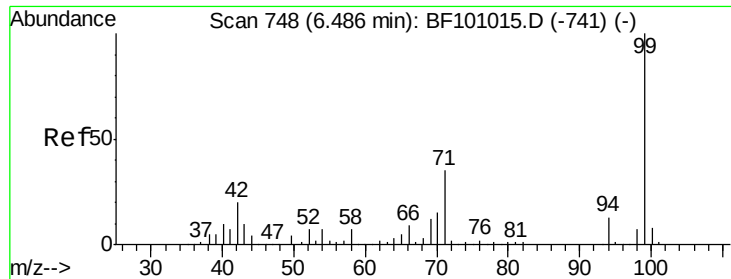


#5

2-Fluorophenol
 Concen: 154.988 ng
 RT: 5.46 min Scan# 573
 Delta R.T. 0.02 min
 Lab File: BF101286.D
 Acq: 11 Dec 2017 13:48

Tgt Ion:112 Resp: 470287
 Ion Ratio Lower Upper
 112 100
 64 60.9 47.9 71.9
 63 31.8 23.7 35.5





#7

Phenol-d6

Concen: 156.712 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.01 min

Lab File: BF101286.D

Acq: 11 Dec 2017 13:48

Instrument :

BNA_F

ClientSampleId :

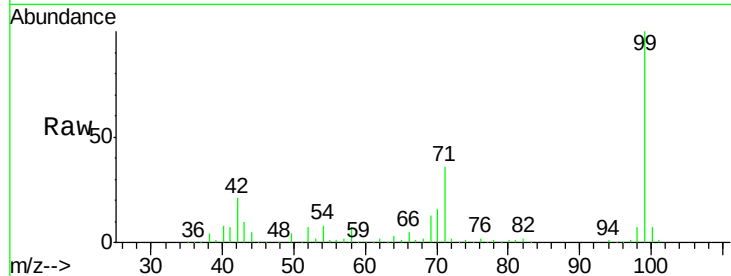
Tot Ion: 99 Resp: 577327

Ion Ratio Lower Upper

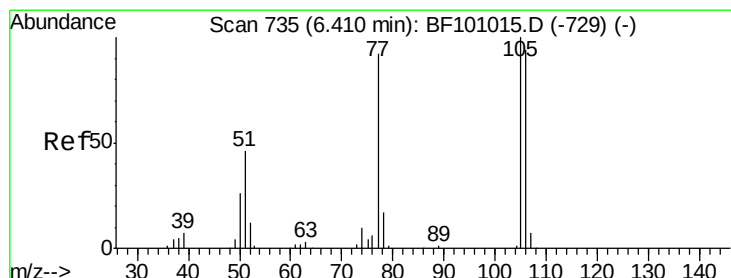
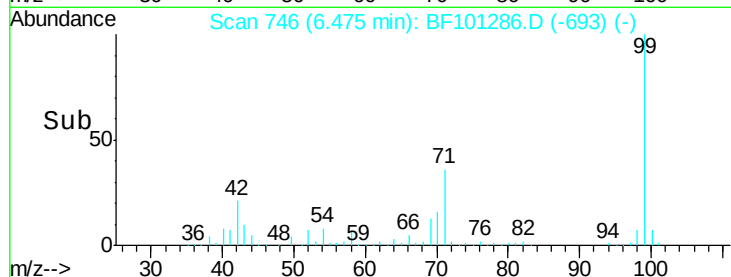
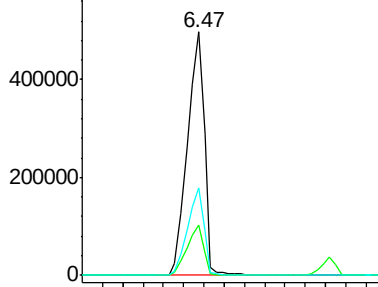
99 100

42 20.7 14.5 21.7

71 35.8 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



#9

Benzaldehyde

Concen: 4.540 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.22 min

Lab File: BF101286.D

Acq: 11 Dec 2017 13:48

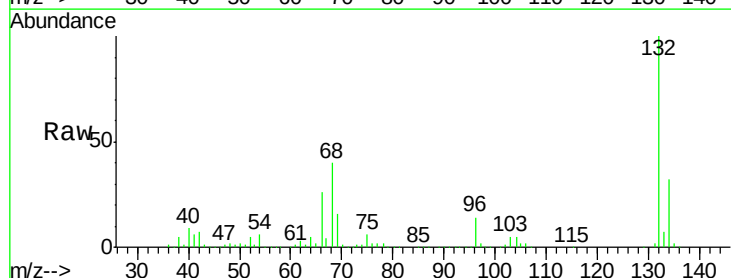
Tgt Ion: 77 Resp: 10237

Ion Ratio Lower Upper

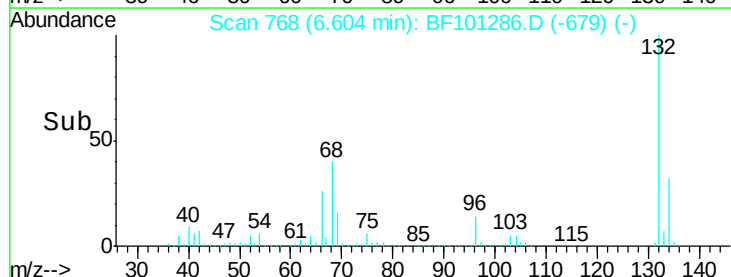
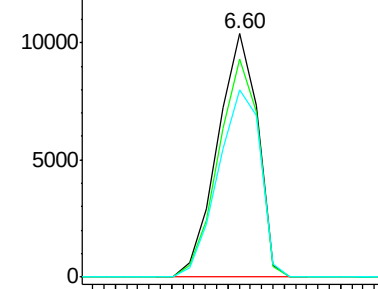
77 100

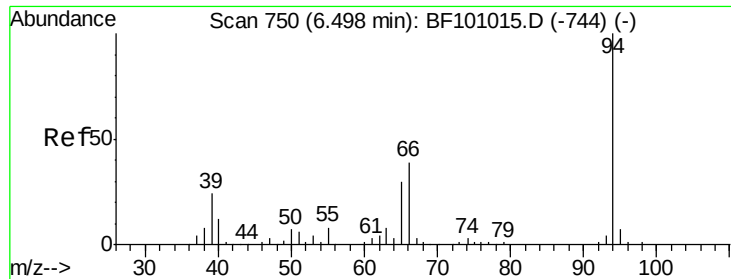
105 89.8 81.1 121.1

106 76.9 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

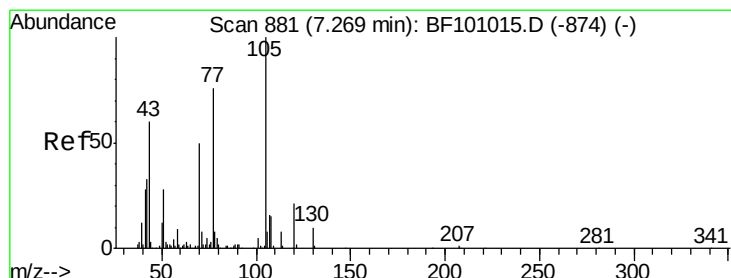
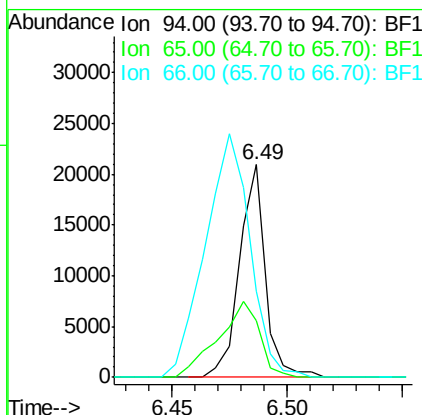
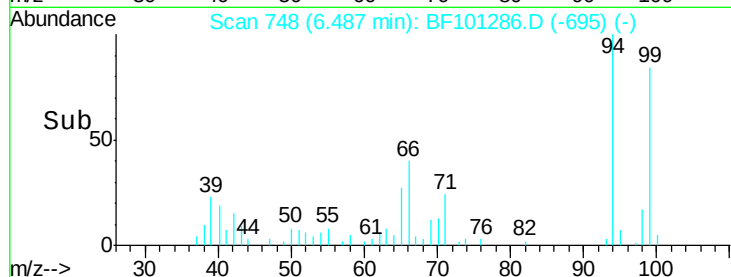
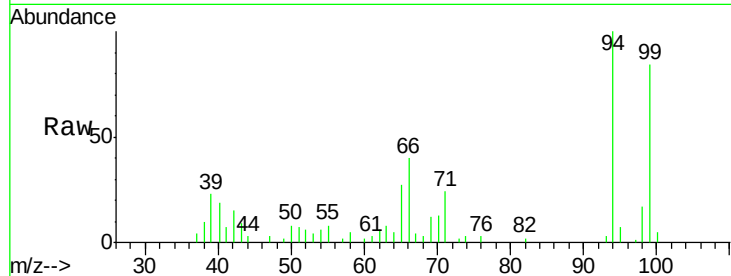




#10
Phenol
Concen: 3.988 ng
RT: 6.49 min Scan# 748
Delta R.T. 0.01 min
Lab File: BF101286.D
Acq: 11 Dec 2017 13:48

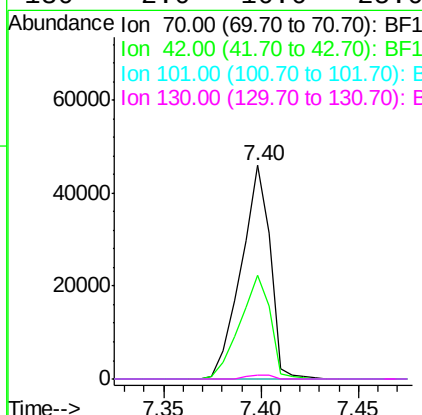
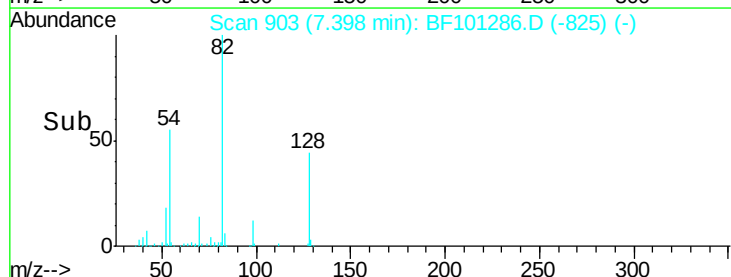
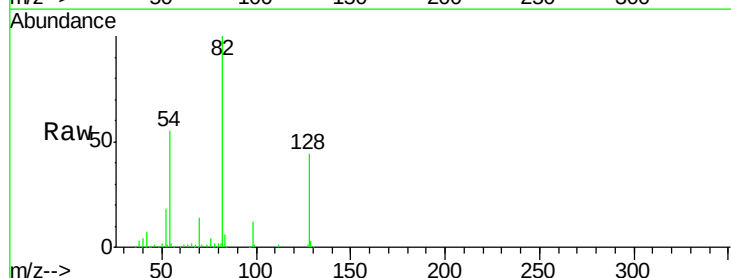
Instrument :
BNA_F
ClientSampleId :

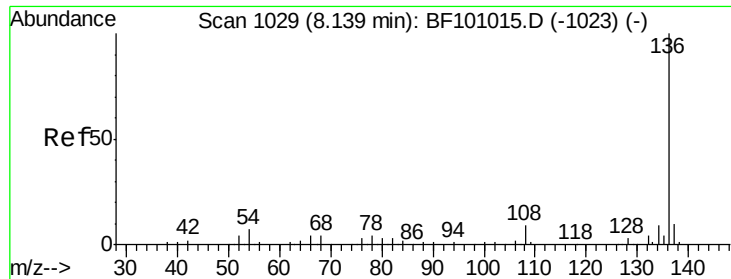
Tot Ion: 94 Resp: 16336
Ion Ratio Lower Upper
94 100
65 27.0 7.9 47.9
66 40.4 16.2 56.2



#19
n-Nitroso-di-n-propylamine
Concen: 19.173 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.16 min
Lab File: BF101286.D
Acq: 11 Dec 2017 13:48

Tgt Ion: 70 Resp: 47568
Ion Ratio Lower Upper
70 100
42 48.7 47.5 71.3
101 0.0 7.4 11.2#
130 2.0 16.6 25.0#

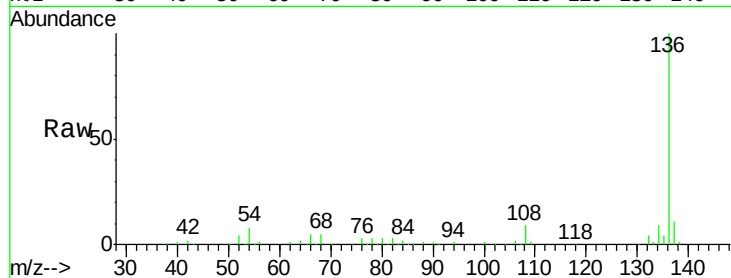




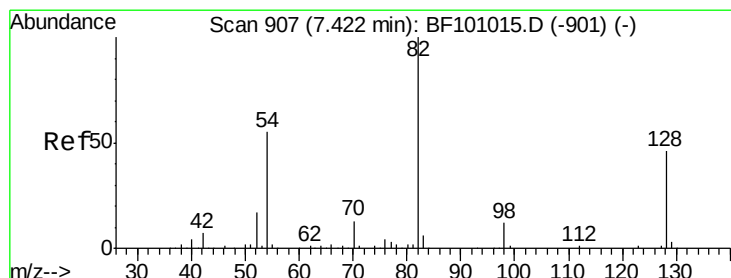
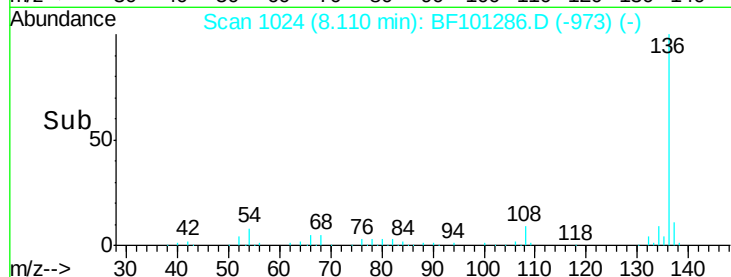
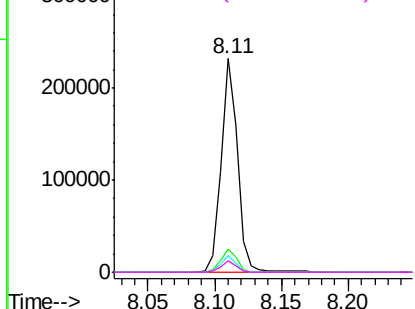
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF101286.D
Acq: 11 Dec 2017 13:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	202061
Ion	Ratio	Lower Upper
136	100	
137	10.7	8.9 13.3
54	7.9	6.6 9.8
68	5.2	5.0 7.4

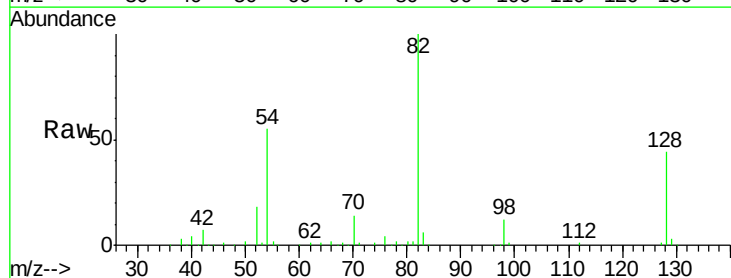


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

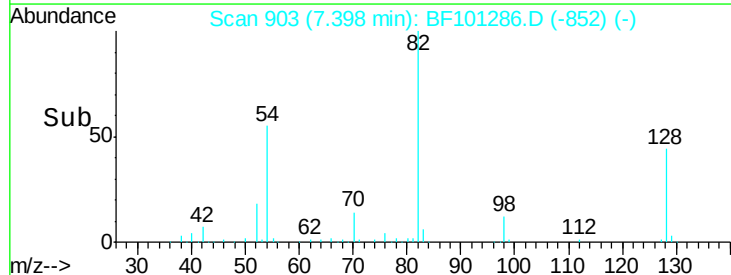
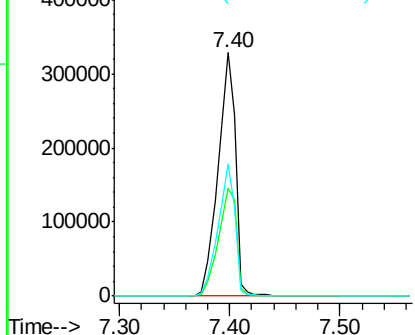


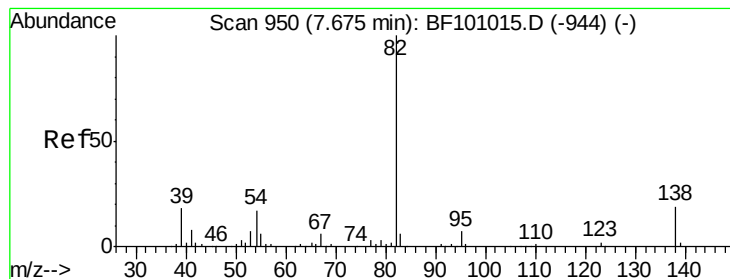
#23
Nitrobenzene-d5
Concen: 105.941 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.00 min
Lab File: BF101286.D
Acq: 11 Dec 2017 13:48

Tgt Ion: 82	Resp:	358851
Ion	Ratio	Lower Upper
82	100	
128	44.4	36.1 54.1
54	54.6	41.4 62.2



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





#25

Isophorone

Concen: 62.022 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.25 min

Lab File: BF101286.D

Acq: 11 Dec 2017 13:48

Instrument :

BNA_F

ClientSampleId :

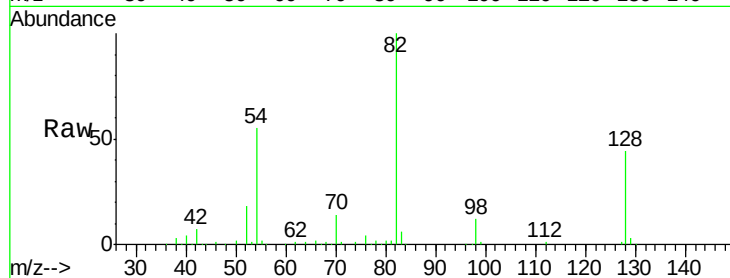
Tot Ion: 82 Resp: 358847

Ion Ratio Lower Upper

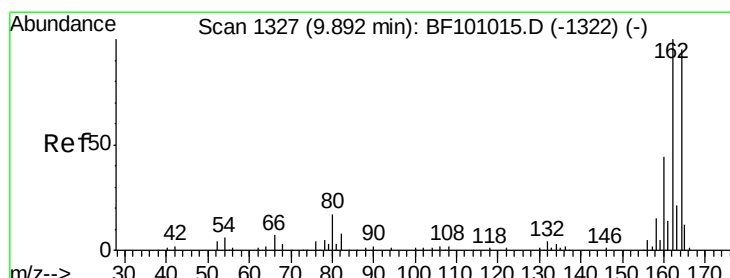
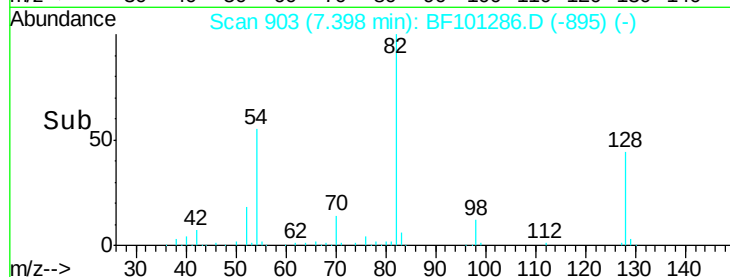
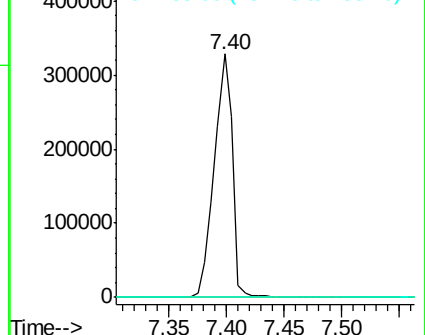
82 100

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: 9.87 min Scan# 1323

Delta R.T. 0.00 min

Lab File: BF101286.D

Acq: 11 Dec 2017 13:48

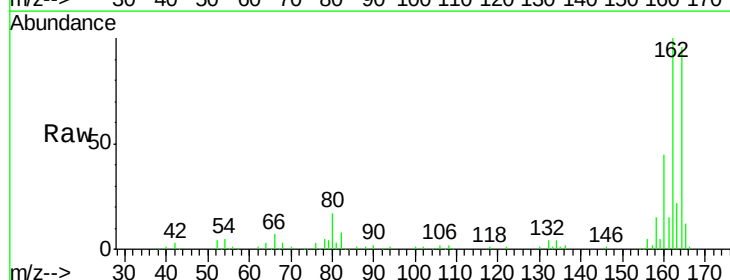
Tgt Ion:164 Resp: 97291

Ion Ratio Lower Upper

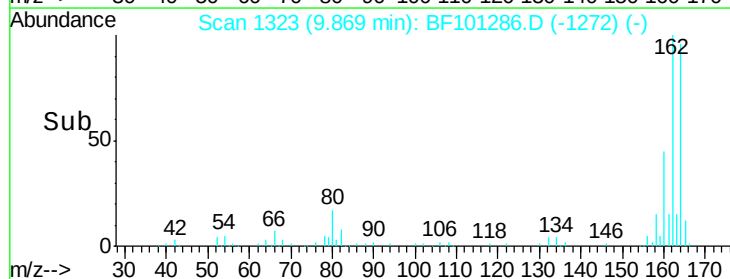
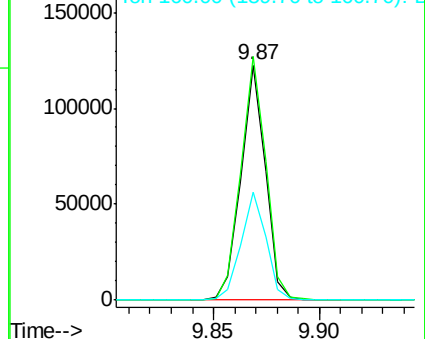
164 100

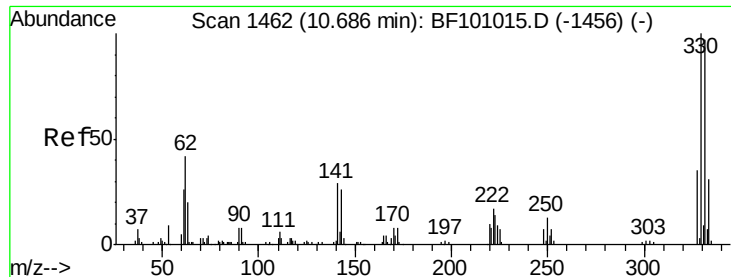
162 103.7 86.1 129.1

160 46.1 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

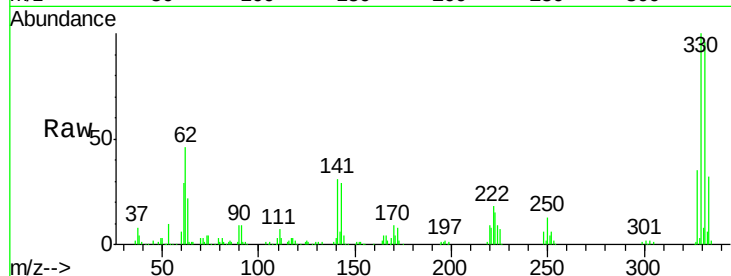




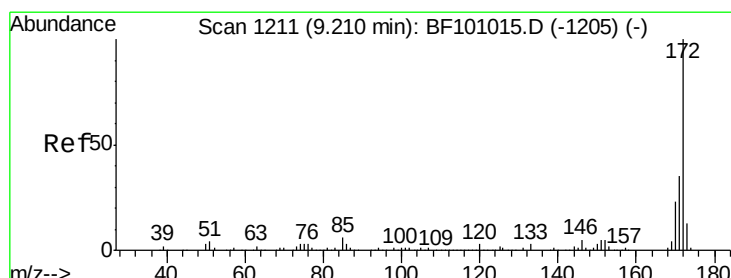
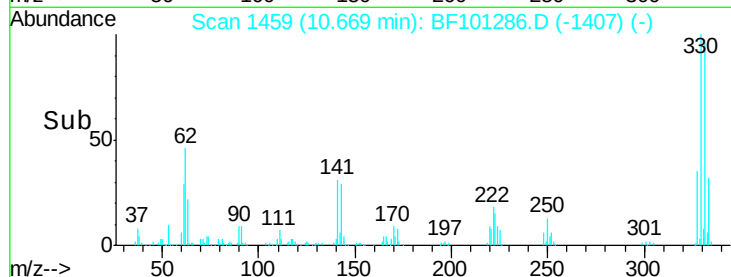
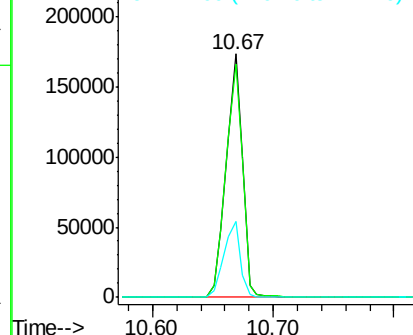
#41
 2,4,6-Tribromophenol
 Concen: 139.115 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. 0.01 min
 Lab File: BF101286.D
 Acq: 11 Dec 2017 13:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.3	77.0	115.6
141	31.1	29.9	44.9

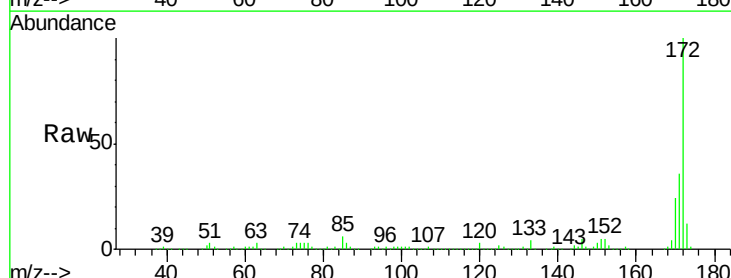


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

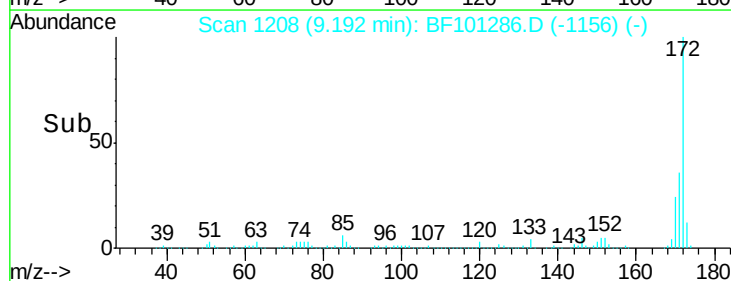
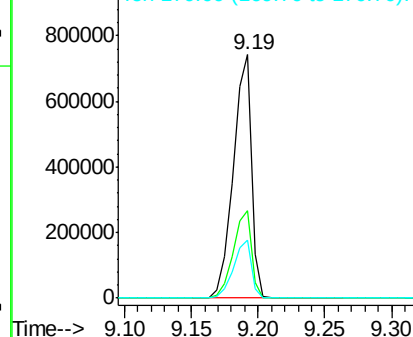


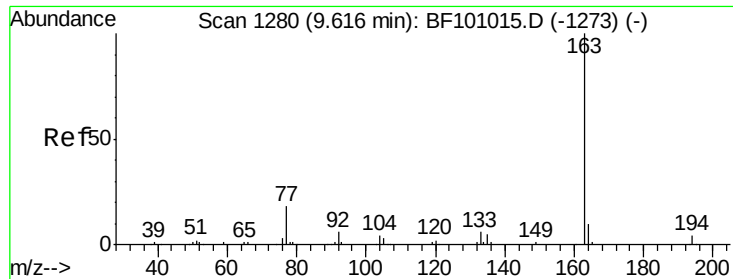
#44
 2-Fluorobiphenyl
 Concen: 101.056 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.01 min
 Lab File: BF101286.D
 Acq: 11 Dec 2017 13:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.8	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

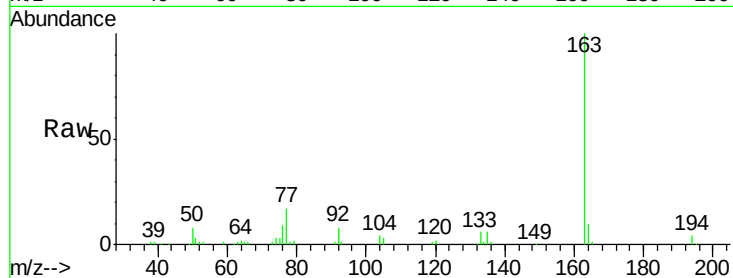




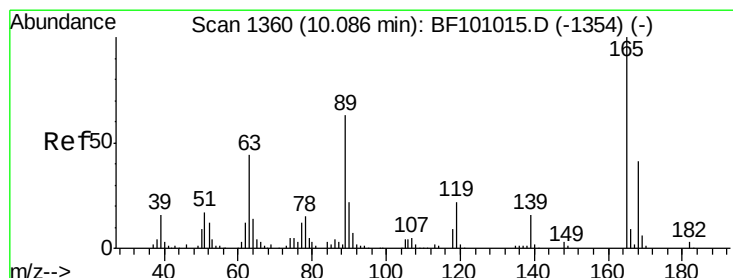
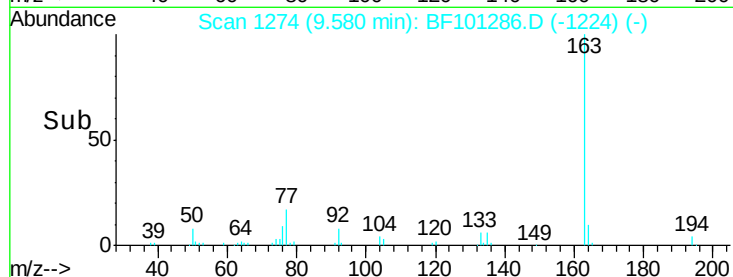
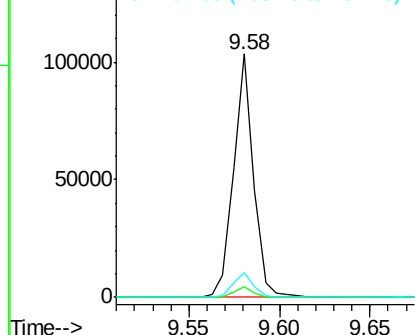
#49
Dimethylphthalate
Concen: 10.129 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF101286.D
Acq: 11 Dec 2017 13:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 79472
Ion Ratio Lower Upper
163 100
194 4.2 2.7 4.1#
164 10.0 8.2 12.2

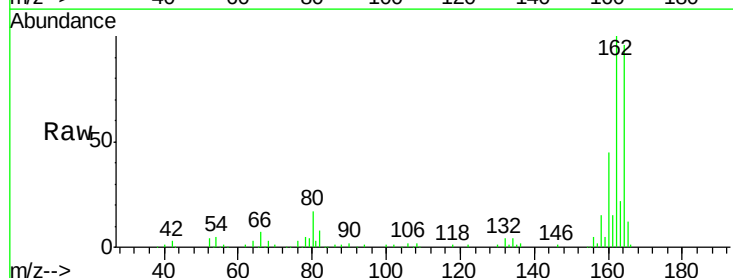


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

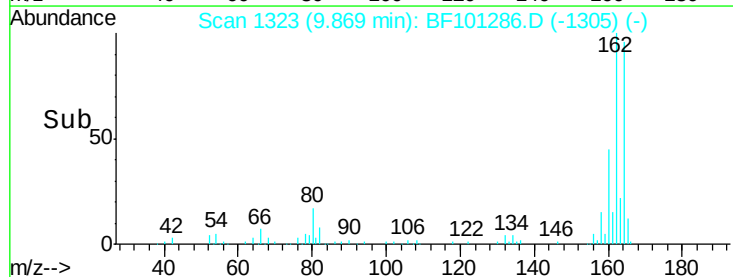
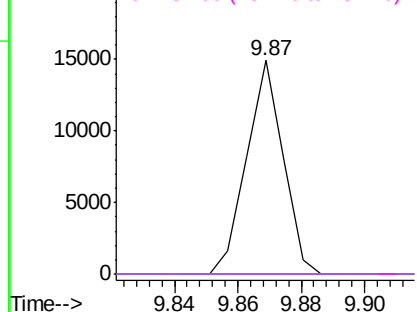


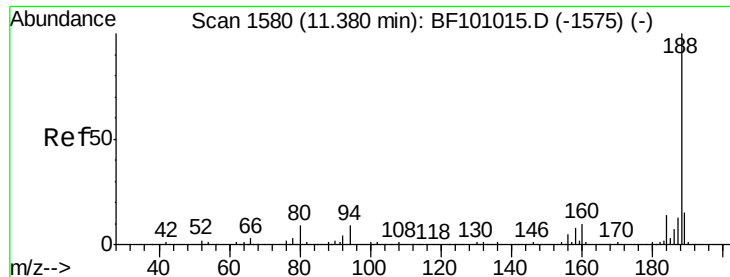
#56
2,4-Dinitrotoluene
Concen: 5.373 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.19 min
Lab File: BF101286.D
Acq: 11 Dec 2017 13:48

Tgt Ion:165 Resp: 11901
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

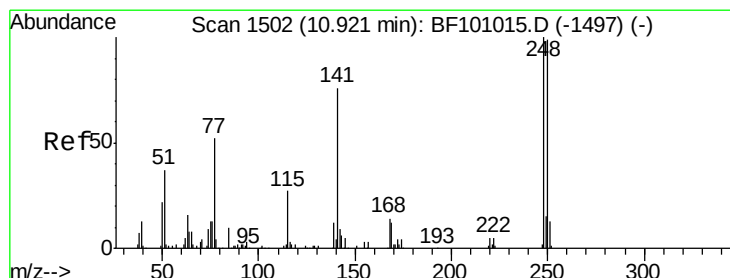
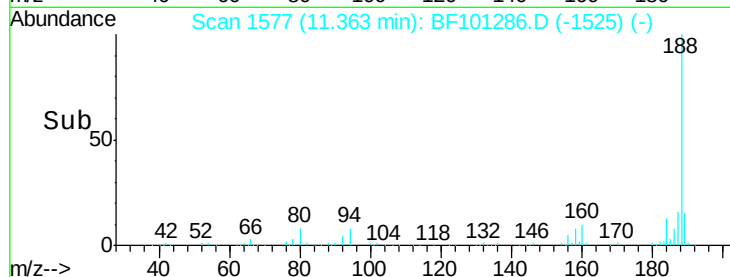
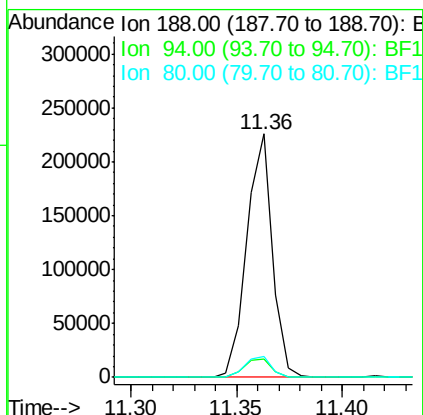
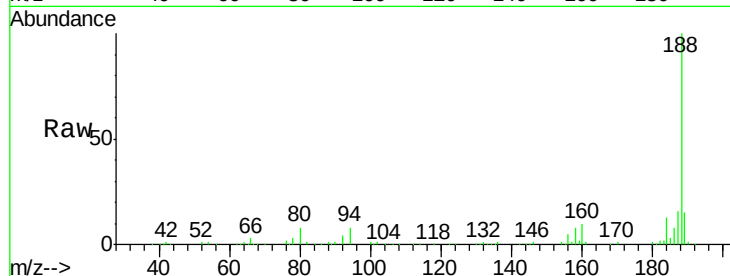




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. 0.01 min
 Lab File: BF101286.D
 Acq: 11 Dec 2017 13:48

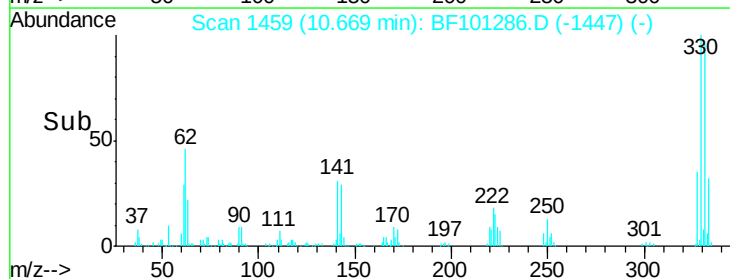
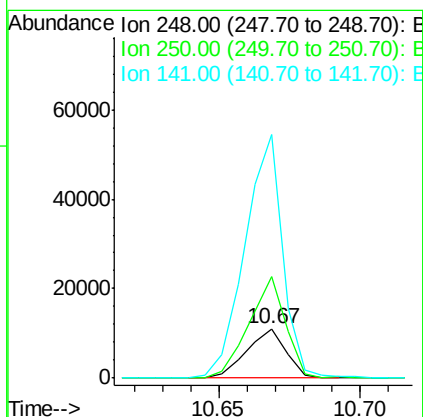
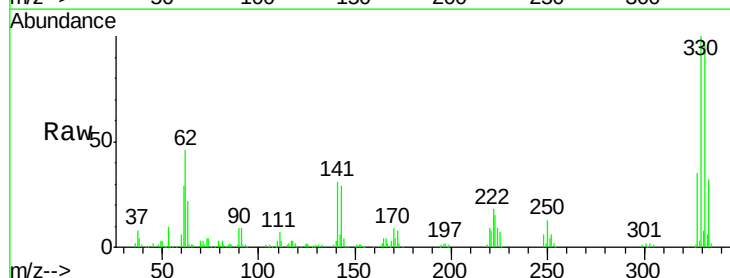
Instrument :
 BNA_F
 ClientSampleId :

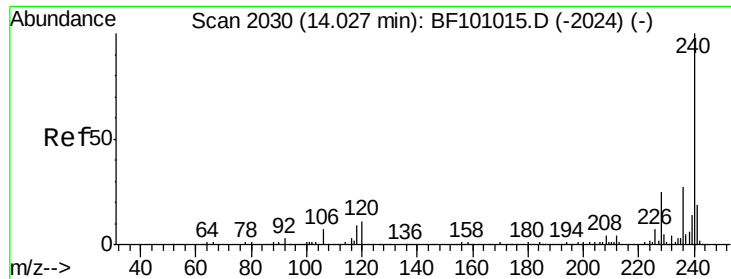
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.6	8.5	12.7#
80	8.4	9.2	13.8#



#66
 4-Bromophenyl-phenylether
 Concen: 4.962 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.23 min
 Lab File: BF101286.D
 Acq: 11 Dec 2017 13:48

Tgt Ion	Ratio	Lower	Upper
248	100		
250	203.9	76.9	115.3#
141	490.8	74.4	111.6#

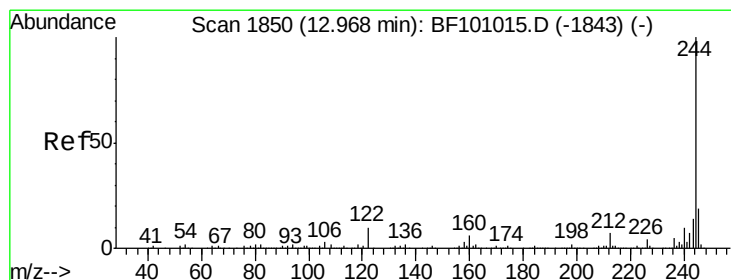
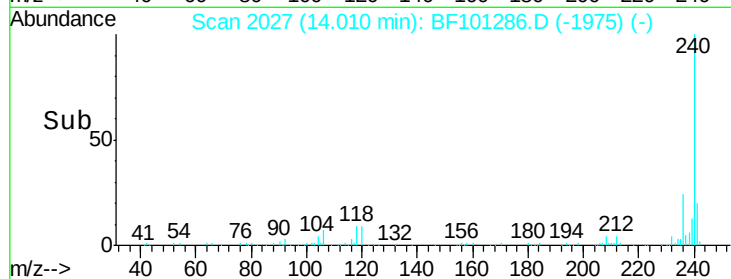
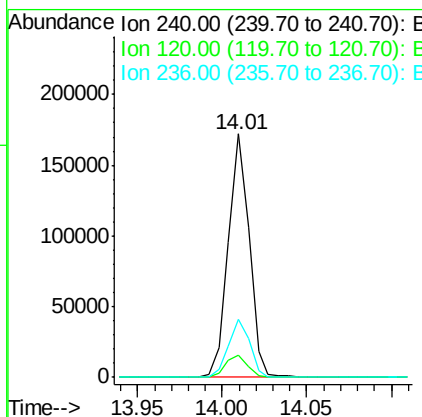
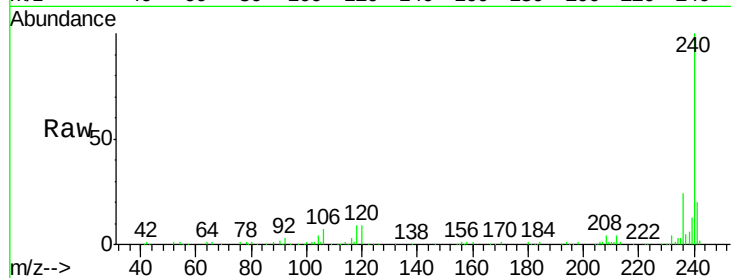




#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BF101286.D
Acq: 11 Dec 2017 13:48

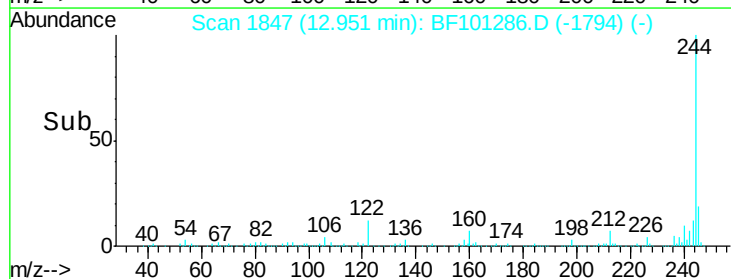
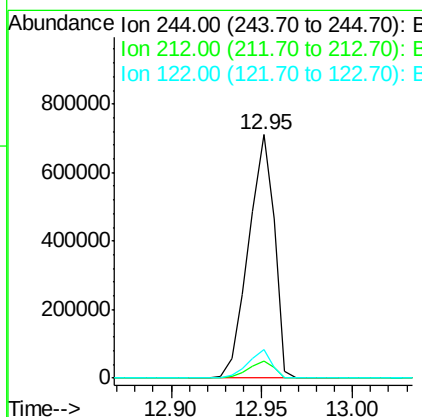
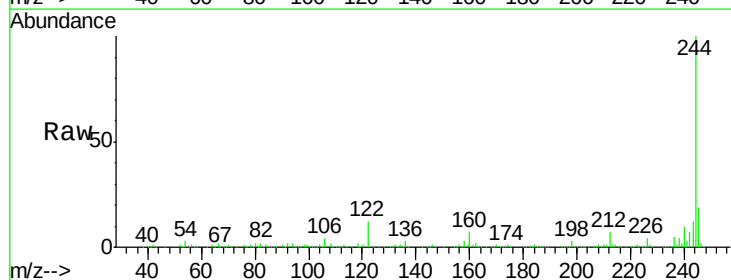
Instrument :
BNA_F
ClientSampleId :

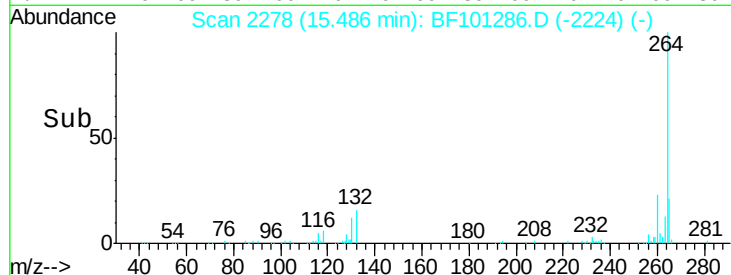
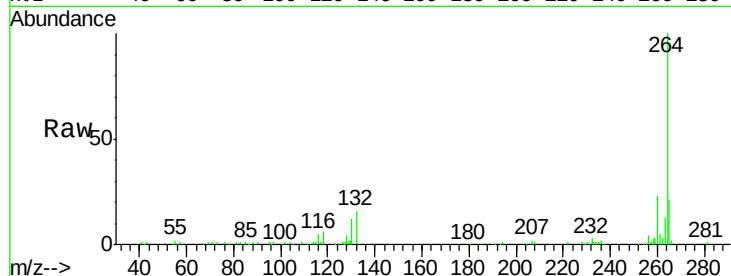
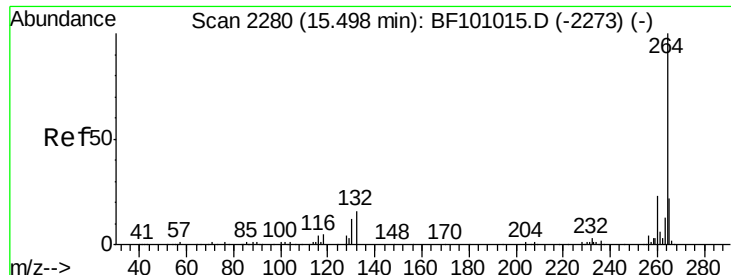
Tot Ion:240	Resp: 148206
Ion Ratio	Lower Upper
240 100	
120 9.4	9.5 14.3#
236 24.1	20.7 31.1



#78
Terphenyl-d14
Concen: 103.850 ng
RT: 12.95 min Scan# 1847
Delta R.T. 0.01 min
Lab File: BF101286.D
Acq: 11 Dec 2017 13:48

Tgt Ion:244	Resp: 703677
Ion Ratio	Lower Upper
244 100	
212 6.9	5.4 8.0
122 11.6	11.0 16.4





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.02 min
Lab File: BF101286.D
Acq: 11 Dec 2017 13:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	105380
Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.2	17.5	26.3

