

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111717\
 Data File : BF100672.D
 Acq On : 17 Nov 2017 13:30
 Operator : SJ/JU
 Sample : I6479-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 17 16:41:14 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

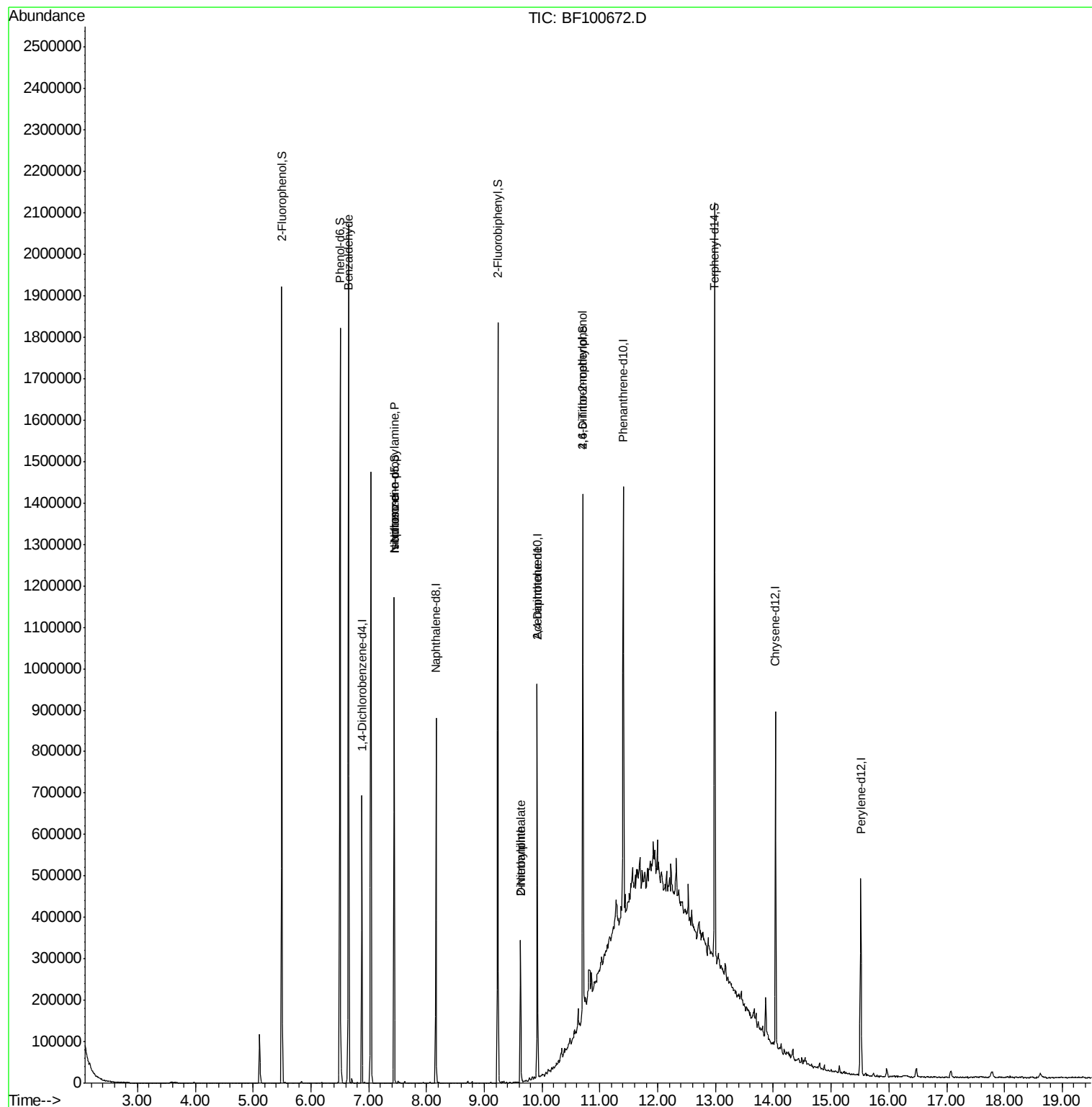
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	93082	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	385719	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	186507	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	357560	20.00	ng	0.00
75) Chrysene-d12	14.04	240	265335	20.00	ng	0.00
86) Perylene-d12	15.52	264	236638	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	565444	97.38	ng	0.00
7) Phenol-d6	6.50	99	697585	97.42	ng	0.00
23) Nitrobenzene-d5	7.44	82	412976	70.79	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	164034	86.31	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	622873	50.85	ng	0.00
78) Terphenyl-d14	12.99	244	629985	54.55	ng	0.00
Target Compounds						
9) Benzaldehyde	6.65	77	11681	2.284	ng	81
19) n-Nitroso-di-n-propylamine	7.44	70	53345	10.742	ng	# 79
25) Isophorone	7.44	82	412970	33.684	ng	# 64
47) 2-Nitroaniline	9.63	65	939	3.040	ng	# 1
49) Dimethylphthalate	9.63	163	133972	9.408	ng	98
56) 2,4-Dinitrotoluene	9.92	165	24361	6.851	ng	# 22
64) 4,6-Dinitro-2-methylphenol	10.70	198	152	8.639	ng	# 1

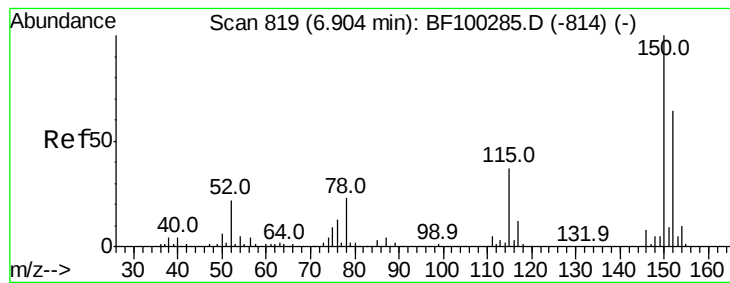
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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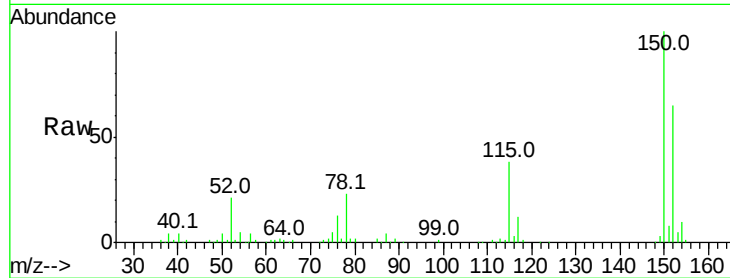


#1

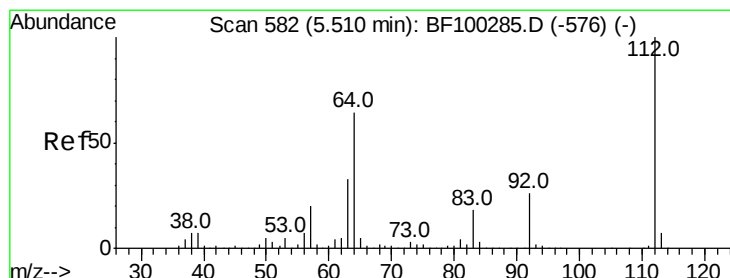
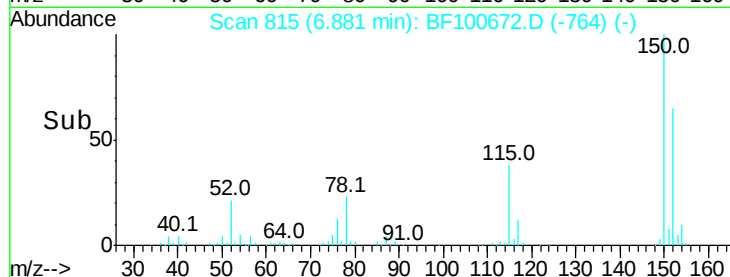
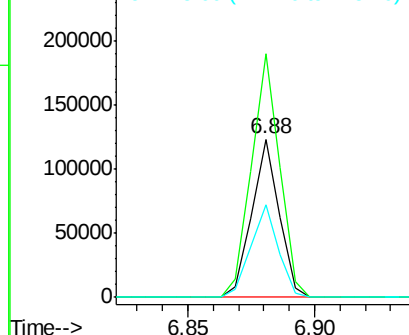
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF100672.D
Acq: 17 Nov 2017 13:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 93082
Ion Ratio Lower Upper
152 100
150 154.2 124.6 186.8
115 58.3 50.1 75.1



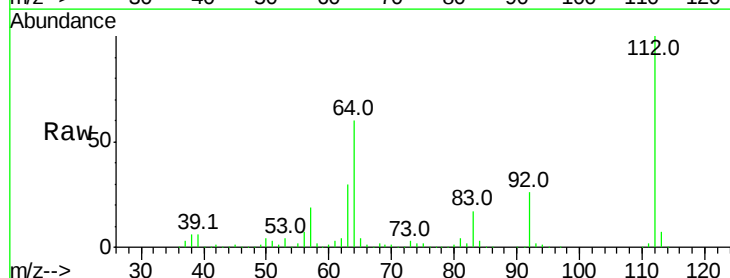
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



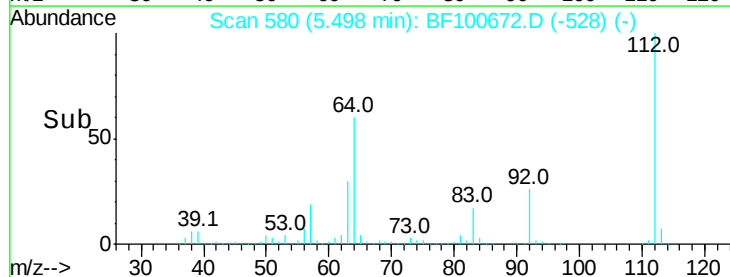
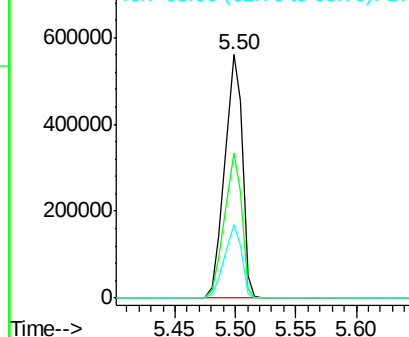
#5

2-Fluorophenol
Concen: 97.376 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF100672.D
Acq: 17 Nov 2017 13:30

Tgt Ion:112 Resp: 565444
Ion Ratio Lower Upper
112 100
64 59.7 47.9 71.9
63 29.9 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: 97.421 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF100672.D

Acq: 17 Nov 2017 13:30

Instrument :

BNA_F

ClientSampled :

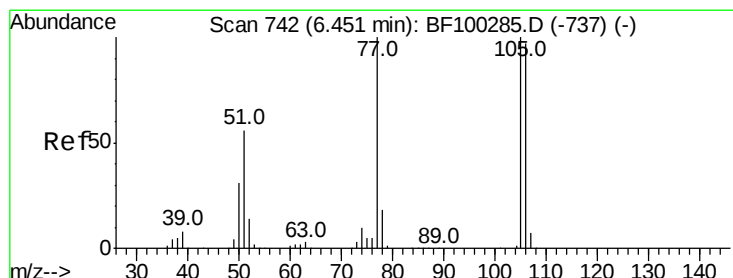
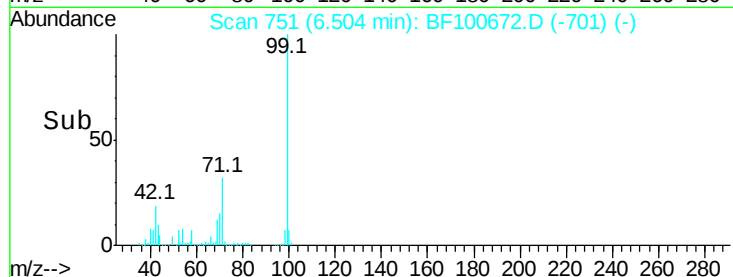
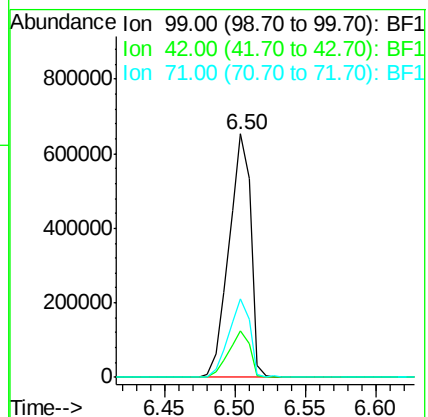
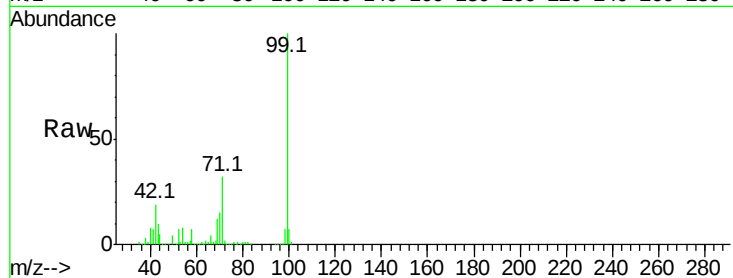
Tot Ion: 99 Resp: 697585

Ion Ratio Lower Upper

99 100

42 19.2 14.5 21.7

71 32.3 25.4 38.0



#9

Benzaldehyde

Concen: 2.284 ng

RT: 6.65 min Scan# 776

Delta R.T. 0.22 min

Lab File: BF100672.D

Acq: 17 Nov 2017 13:30

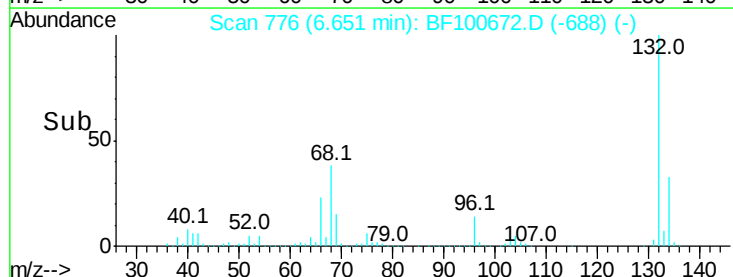
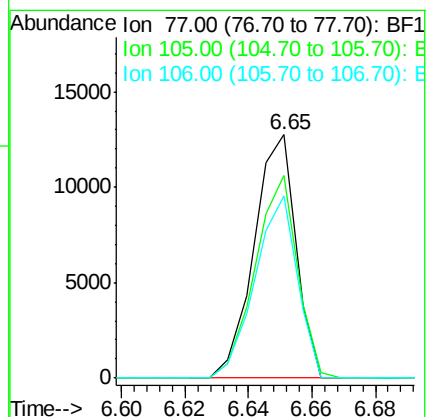
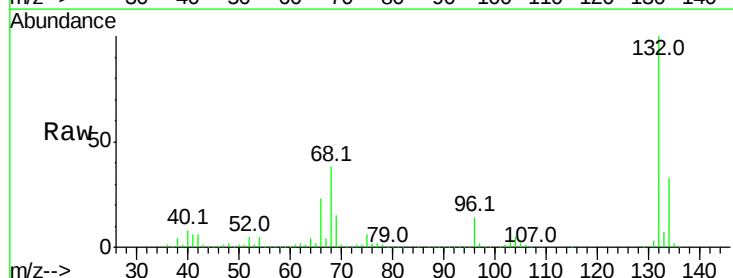
Tgt Ion: 77 Resp: 11681

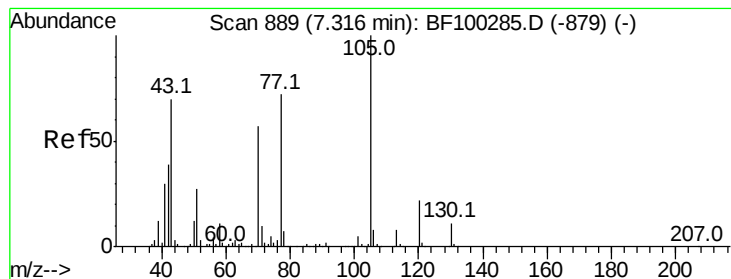
Ion Ratio Lower Upper

77 100

105 83.3 81.1 121.1

106 74.7 74.5 114.5





#19

n-Nitroso-di-n-propylamine

Concen: 10.742 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.14 min

Lab File: BF100672.D

Acq: 17 Nov 2017 13:30

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 53345

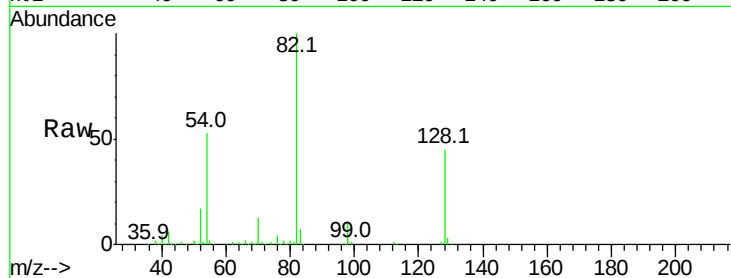
Ion Ratio Lower Upper

70 100

42 49.1 47.5 71.3

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

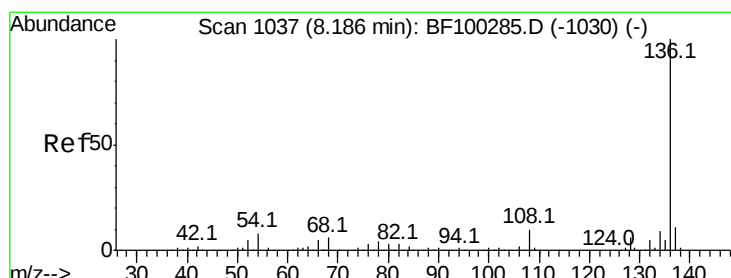
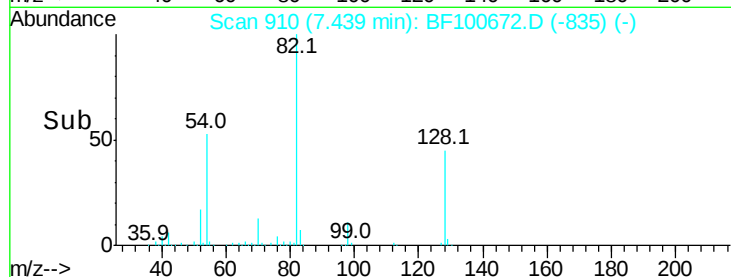
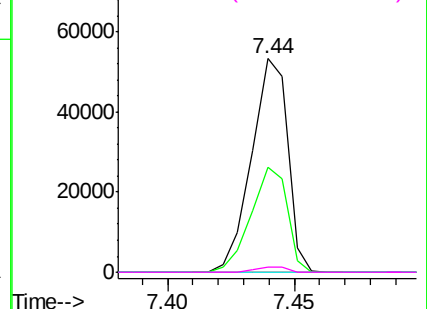


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF100672.D

Acq: 17 Nov 2017 13:30

Tgt Ion:136 Resp: 385719

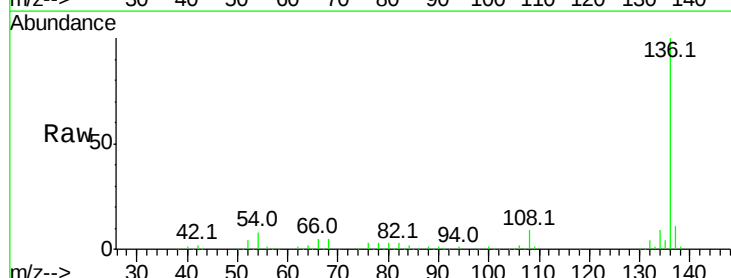
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.6 6.6 9.8

68 5.5 5.0 7.4

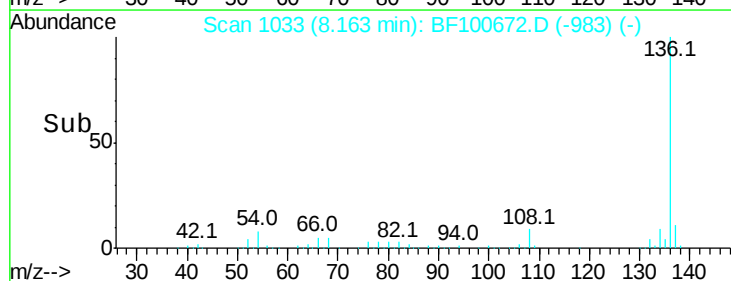
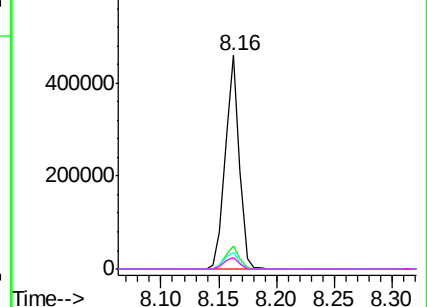


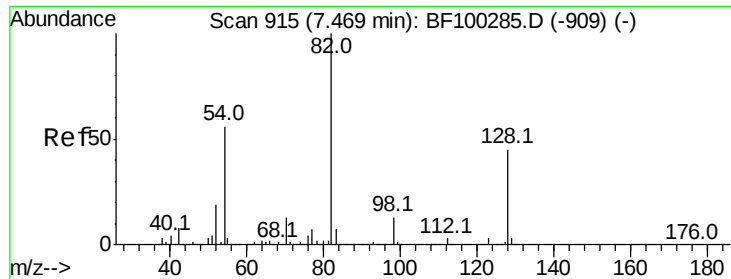
Abundance Ion 136.00 (135.70 to 136.70): BF1

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

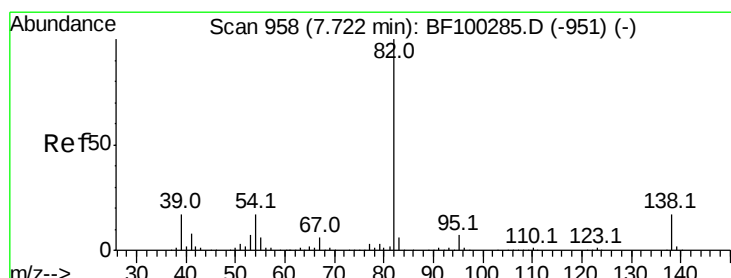
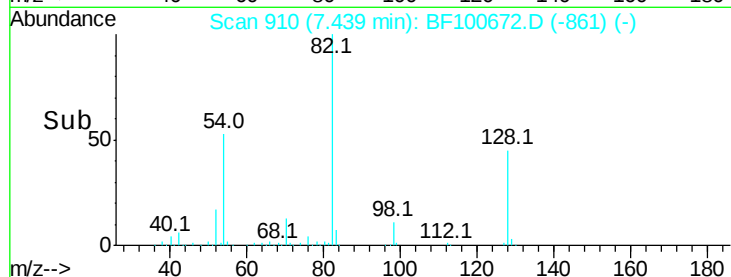
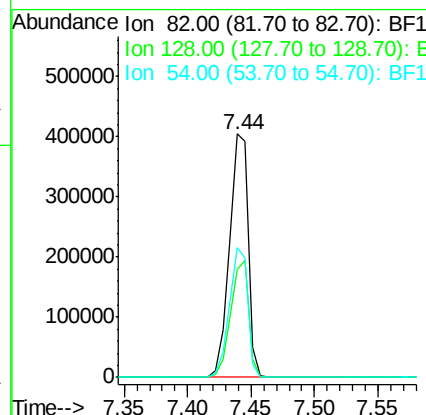
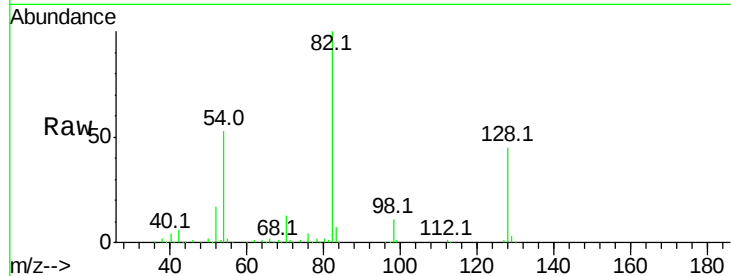




#23
Nitrobenzene-d5
Concen: 70.785 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF100672.D
Acq: 17 Nov 2017 13:30

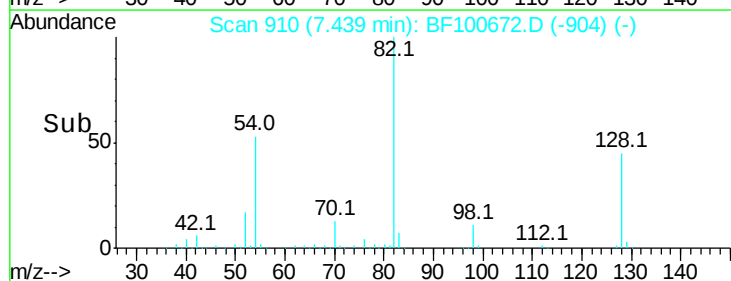
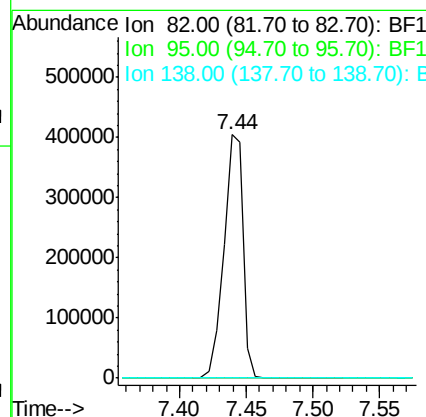
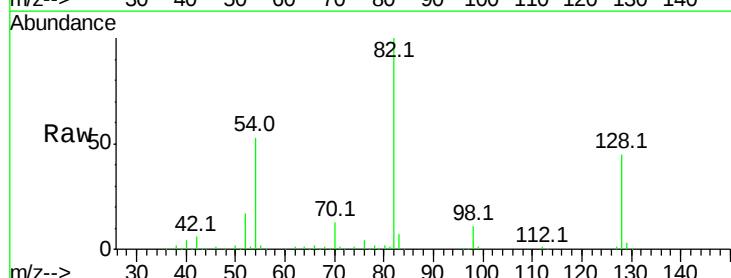
Instrument :
BNA_F
ClientSampled :

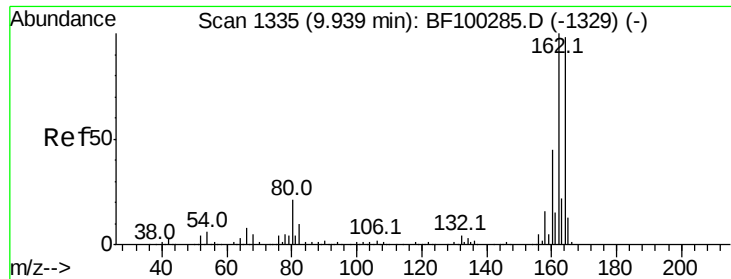
Tot Ion	82	Resp	412976
Ion Ratio	100	Lower	Upper
128	44.5	36.1	54.1
54	53.4	41.4	62.2



#25
Isophorone
Concen: 33.684 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.26 min
Lab File: BF100672.D
Acq: 17 Nov 2017 13:30

Tgt Ion	82	Resp	412970
Ion Ratio	100	Lower	Upper
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

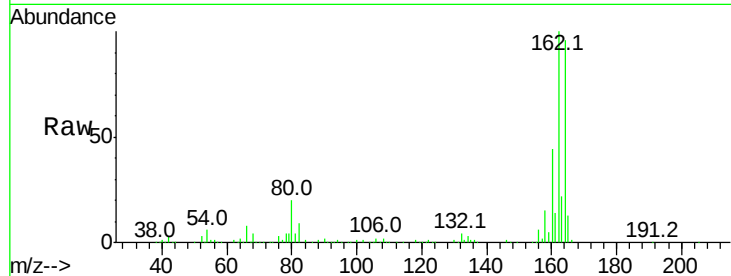




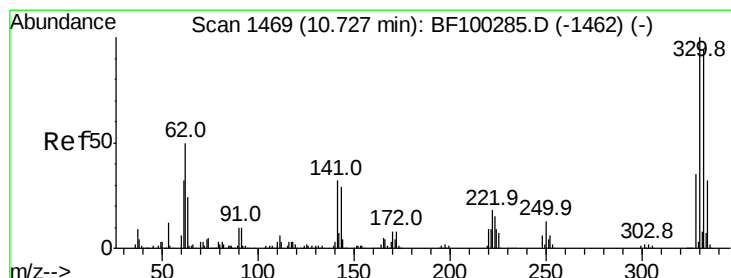
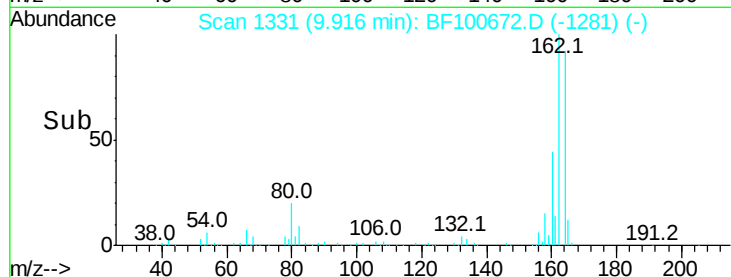
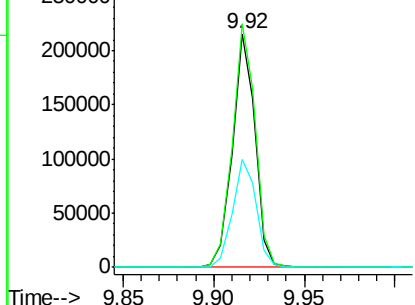
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF100672.D
 Acq: 17 Nov 2017 13:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.2	86.1	129.1
160	46.1	38.3	57.5

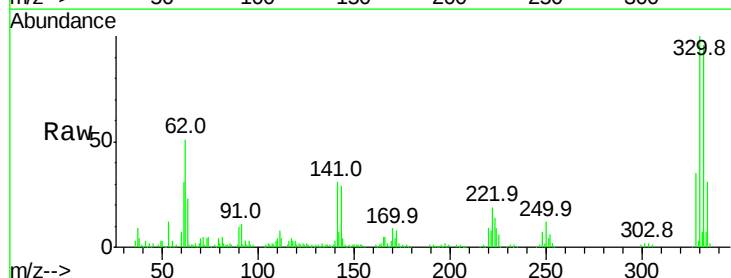


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

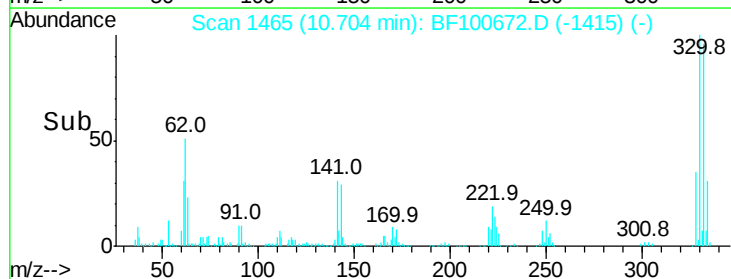
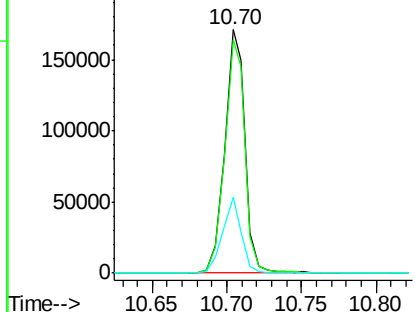


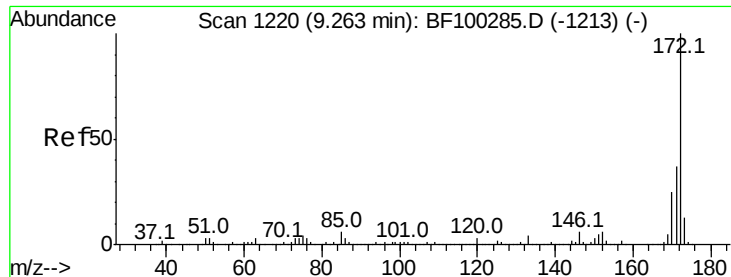
#41
 2,4,6-Tribromophenol
 Concen: 86.311 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF100672.D
 Acq: 17 Nov 2017 13:30

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	28.7	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

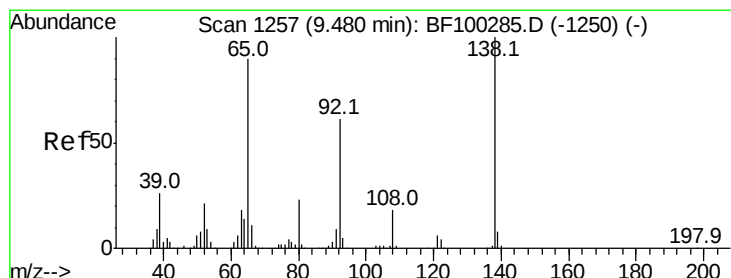
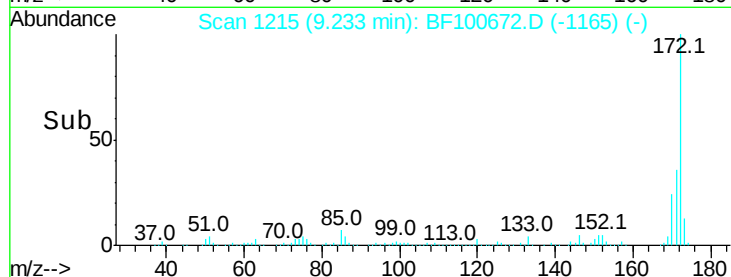
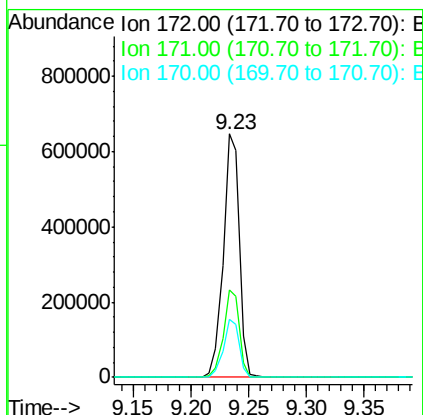
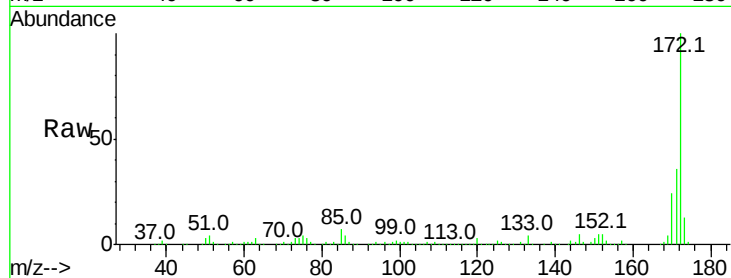




#44
 2-Fluorobiphenyl
 Concen: 50.854 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF100672.D
 Acq: 17 Nov 2017 13:30

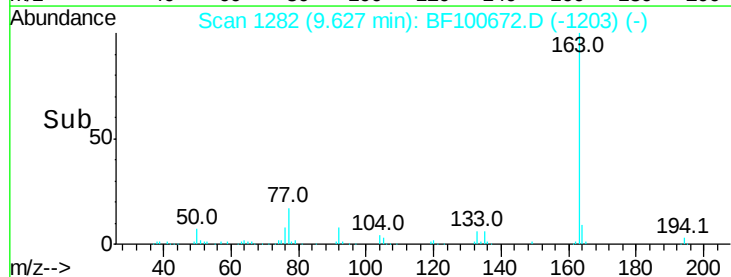
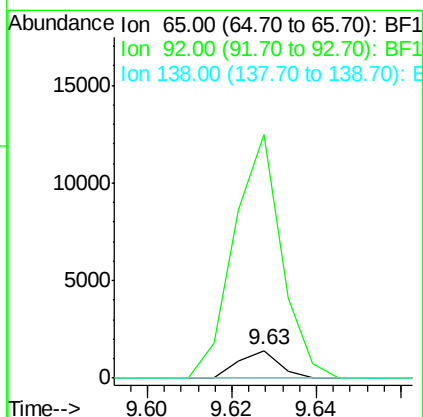
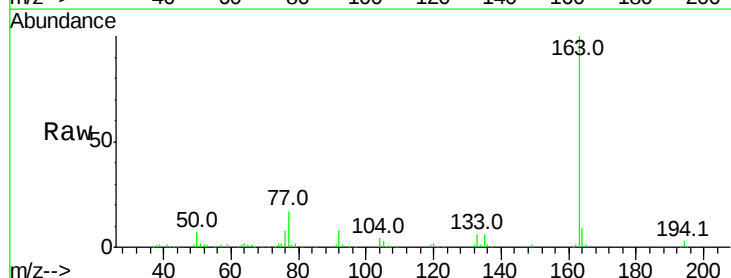
Instrument :
 BNA_F
 ClientSampled :

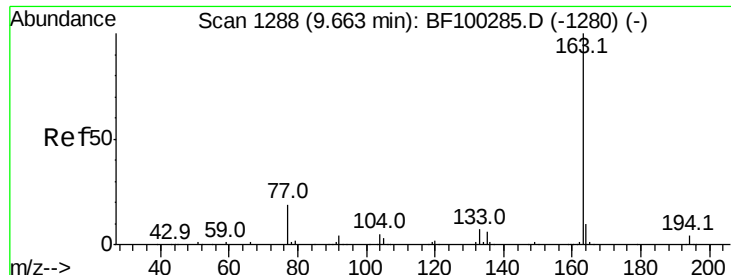
Tot Ion:172 Resp: 622873
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 23.9 19.6 29.4



#47
 2-Nitroaniline
 Concen: 3.040 ng
 RT: 9.63 min Scan# 1282
 Delta R.T. 0.16 min
 Lab File: BF100672.D
 Acq: 17 Nov 2017 13:30

Tgt Ion: 65 Resp: 939
 Ion Ratio Lower Upper
 65 100
 92 879.5 55.8 83.6#
 138 0.0 91.2 136.8#

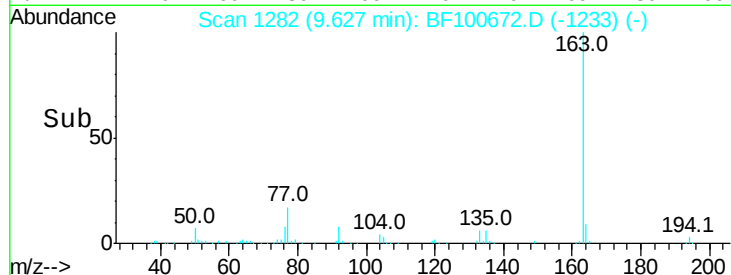
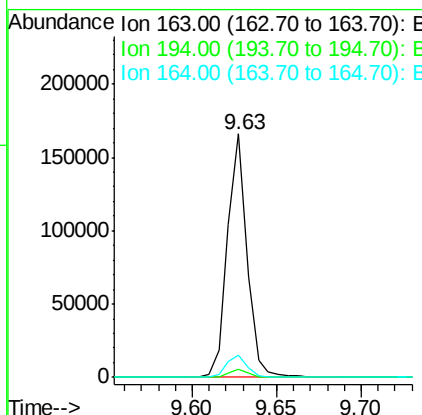
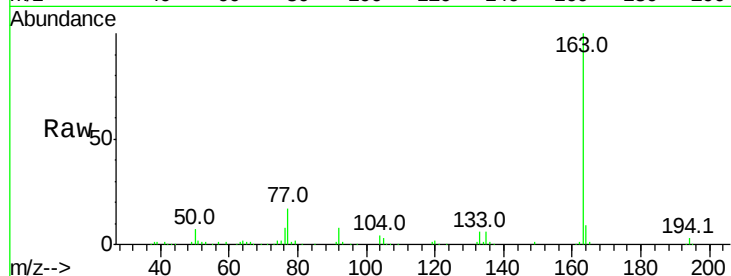




#49
Dimethylphthalate
Concen: 9.408 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF100672.D
Acq: 17 Nov 2017 13:30

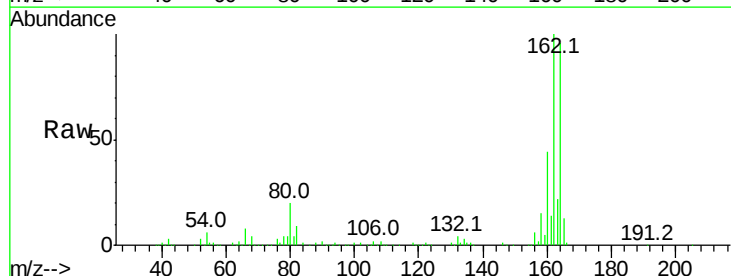
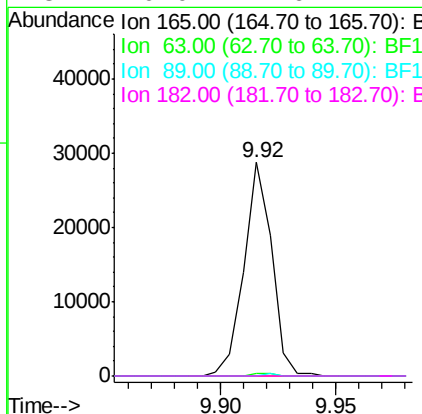
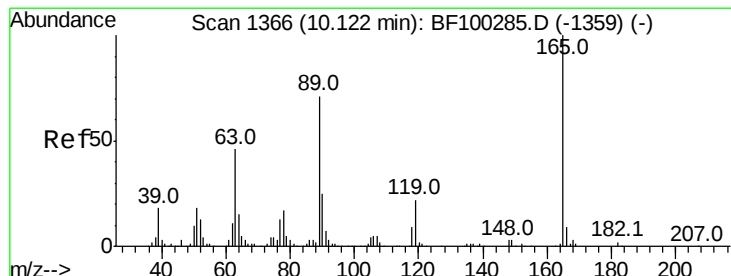
Instrument :
BNA_F
ClientSampleId :

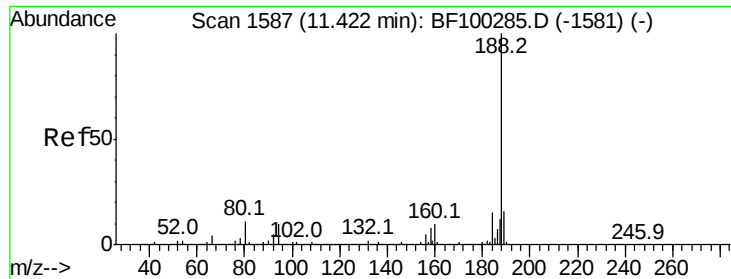
Tot Ion:163 Resp: 133972
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 9.1 8.2 12.2



#56
2,4-Dinitrotoluene
Concen: 6.851 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.19 min
Lab File: BF100672.D
Acq: 17 Nov 2017 13:30

Tgt Ion:165 Resp: 24361
Ion Ratio Lower Upper
165 100
63 1.3 36.4 54.6#
89 0.0 57.8 86.6#
182 0.0 1.6 2.4#

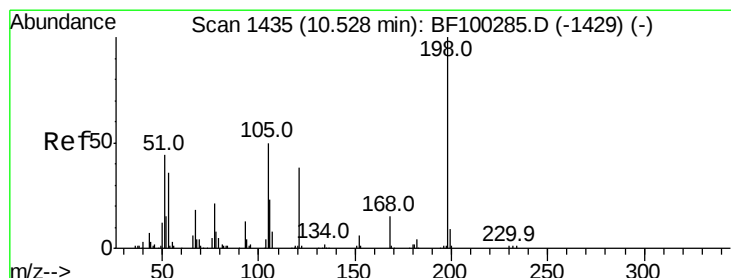
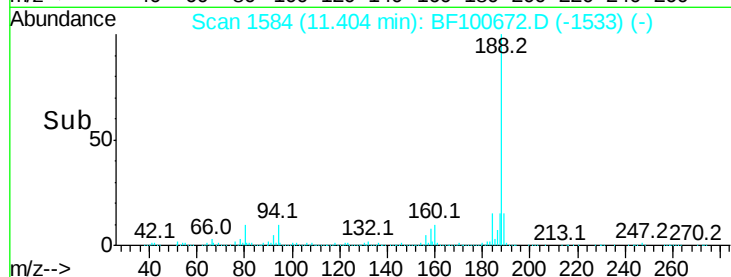
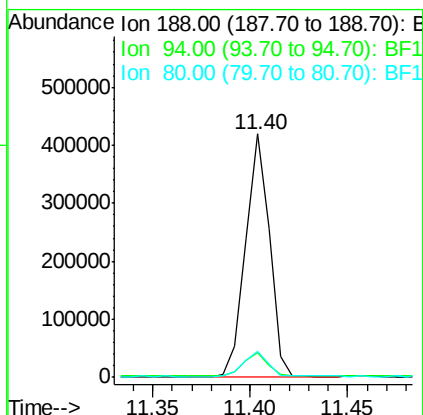
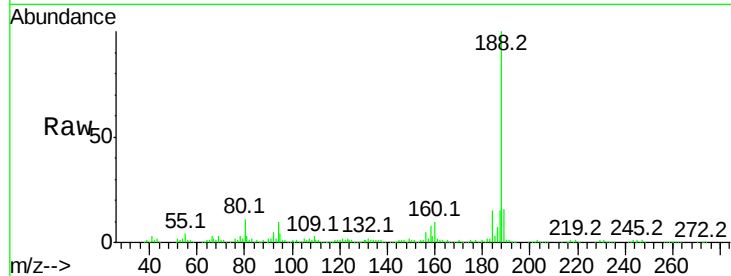




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BF100672.D
Acq: 17 Nov 2017 13:30

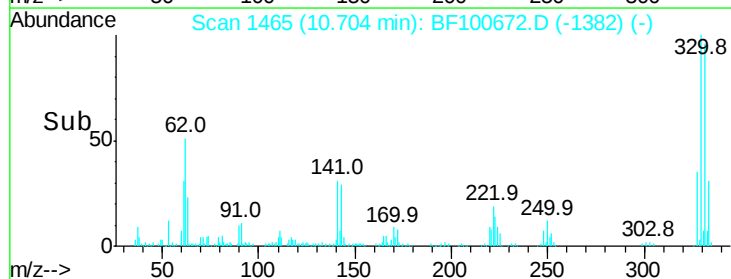
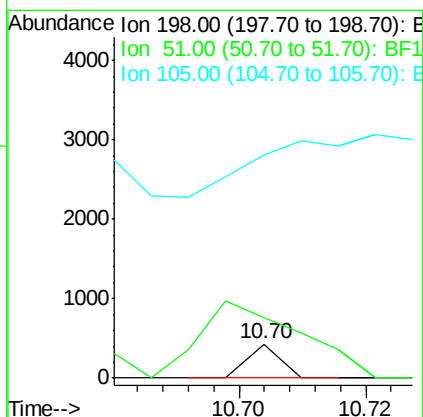
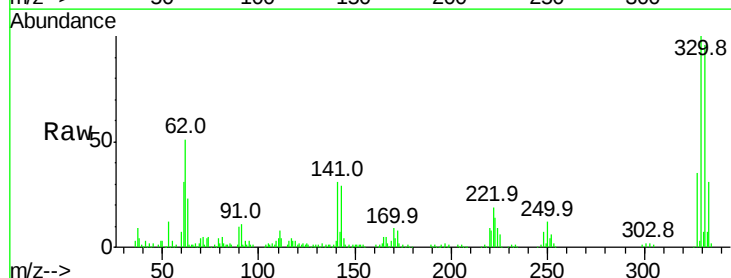
Instrument :
BNA_F
ClientSampleId :

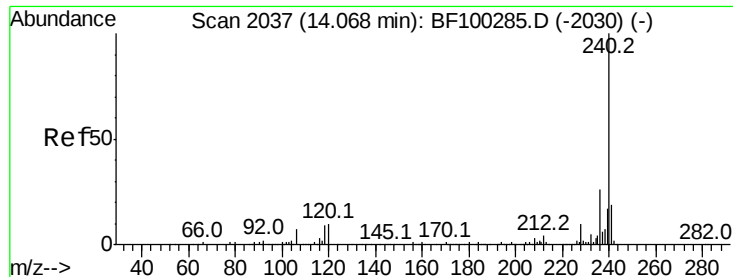
Tot Ion:188 Resp: 357560
Ion Ratio Lower Upper
188 100
94 10.1 8.5 12.7
80 10.7 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 8.639 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.19 min
Lab File: BF100672.D
Acq: 17 Nov 2017 13:30

Tgt Ion:198 Resp: 152
Ion Ratio Lower Upper
198 100
51 175.2 37.7 77.7#
105 651.9 36.3 76.3#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF100672.D

Acq: 17 Nov 2017 13:30

Instrument :

BNA_F

ClientSampleId :

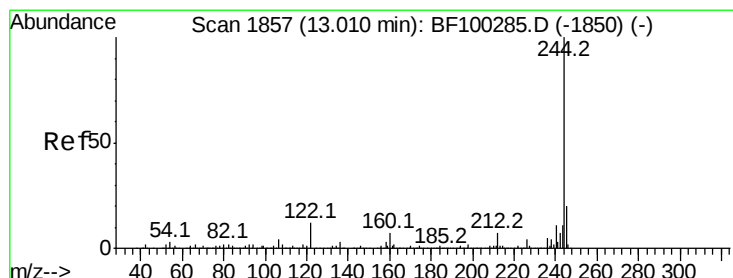
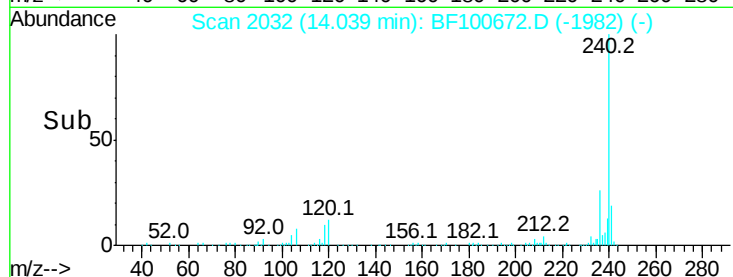
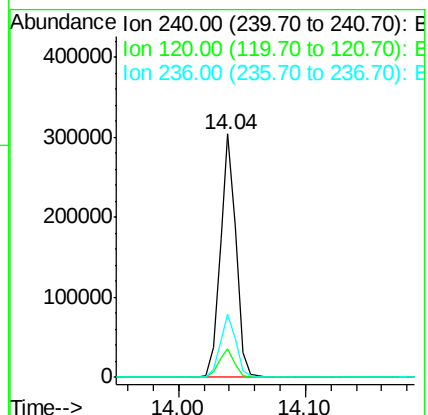
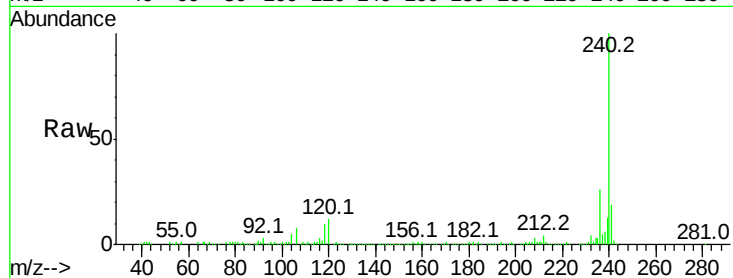
Tot Ion:240 Resp: 265335

Ion Ratio Lower Upper

240 100

120 11.8 9.5 14.3

236 26.1 20.7 31.1



#78

Terphenyl-d14

Concen: 54.554 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.00 min

Lab File: BF100672.D

Acq: 17 Nov 2017 13:30

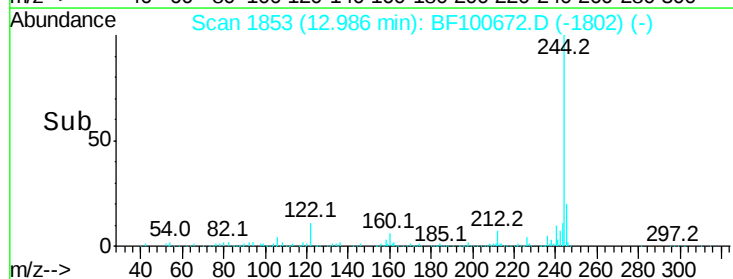
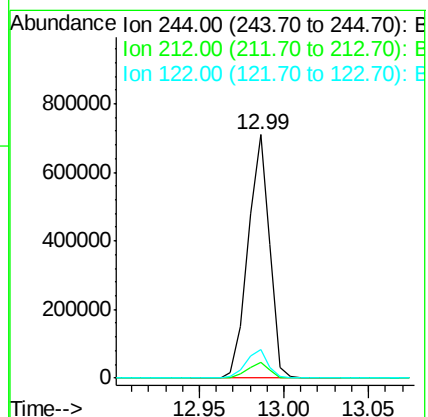
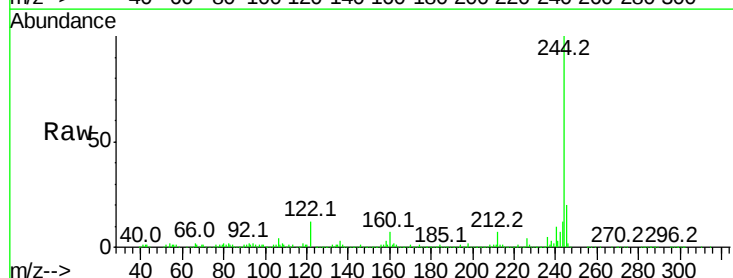
Tgt Ion:244 Resp: 629985

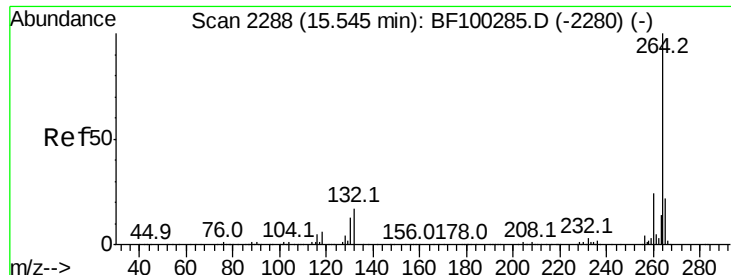
Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

122 11.6 11.0 16.4





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.52 min Scan# 2283
 Delta R.T. -0.00 min
 Lab File: BF100672.D
 Acq: 17 Nov 2017 13:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.5	17.5	26.3

