

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121117\
 Data File : BF101287.D
 Acq On : 11 Dec 2017 14:15
 Operator : SJ/JU
 Sample : I6746-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 11 16:38:09 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	51890	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	211202	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	101766	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	193184	20.00	ng	0.00
75) Chrysene-d12	14.01	240	156325	20.00	ng	0.00
86) Perylene-d12	15.49	264	111101	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	456265	145.30	ng	0.02
7) Phenol-d6	6.47	99	568457	149.10	ng	0.01
23) Nitrobenzene-d5	7.40	82	345545	97.60	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	162057	132.56	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	714694	96.09	ng	0.00
78) Terphenyl-d14	12.95	244	712564	99.70	ng	0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.60	77	10023	4.295	ng	83
10) Phenol	6.49	94	21078	4.972	ng	98
19) n-Nitroso-di-n-propylamine	7.40	70	45797	17.837	ng	# 80
25) Isophorone	7.40	82	345539	57.137	ng	# 64
49) Dimethylphthalate	9.58	163	116358	14.178	ng	99
56) 2,4-Dinitrotoluene	9.87	165	12279	5.300	ng	# 21
66) 4-Bromophenyl-phenylether	10.67	248	9756	4.512	ng	# 1

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

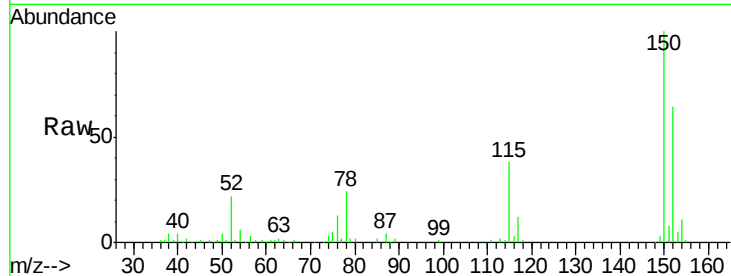


#1

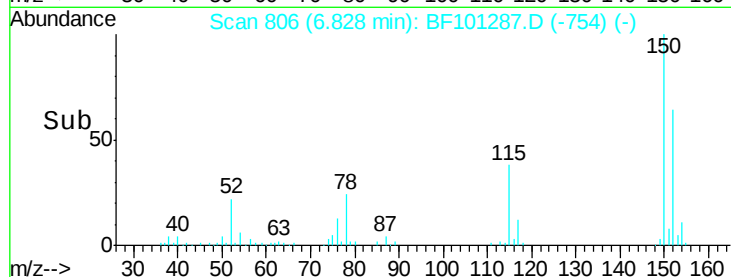
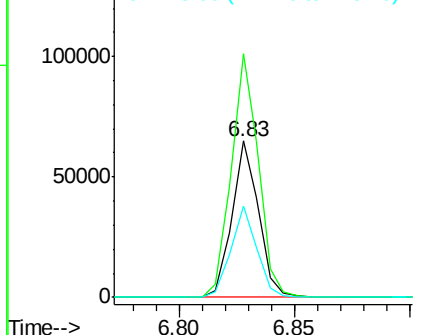
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF101287.D
Acq: 11 Dec 2017 14:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 51890
Ion Ratio Lower Upper
152 100
150 156.0 124.6 186.8
115 58.5 50.1 75.1



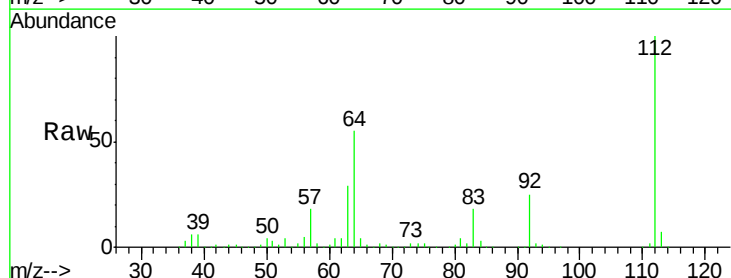
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



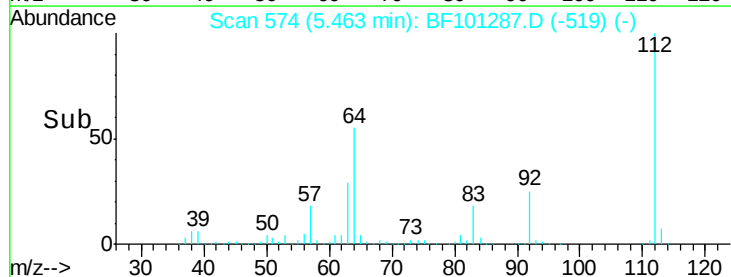
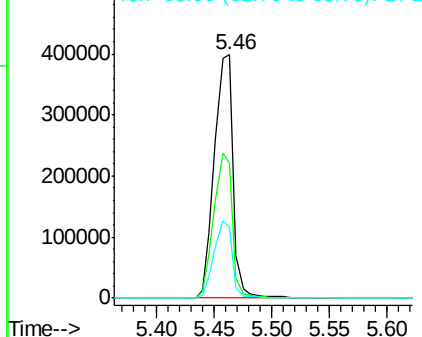
#5

2-Fluorophenol
Concen: 145.298 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.02 min
Lab File: BF101287.D
Acq: 11 Dec 2017 14:15

Tgt Ion:112 Resp: 456265
Ion Ratio Lower Upper
112 100
64 55.3 47.9 71.9
63 29.0 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: 149.103 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.01 min

Lab File: BF101287.D

Acq: 11 Dec 2017 14:15

Instrument :

BNA_F

ClientSampleId :

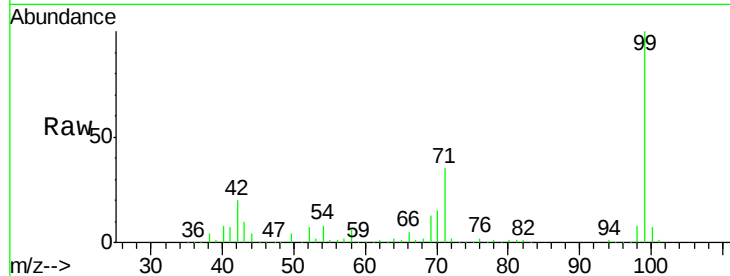
Tot Ion: 99 Resp: 568457

Ion Ratio Lower Upper

99 100

42 20.2 14.5 21.7

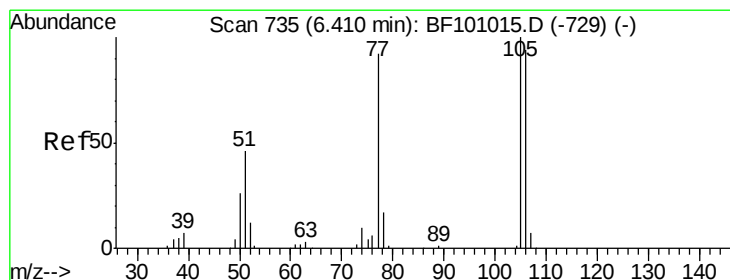
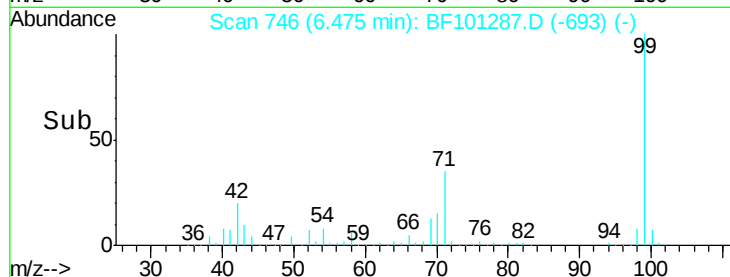
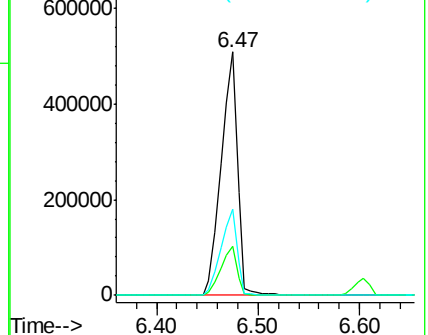
71 35.4 25.4 38.0



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: 4.295 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.22 min

Lab File: BF101287.D

Acq: 11 Dec 2017 14:15

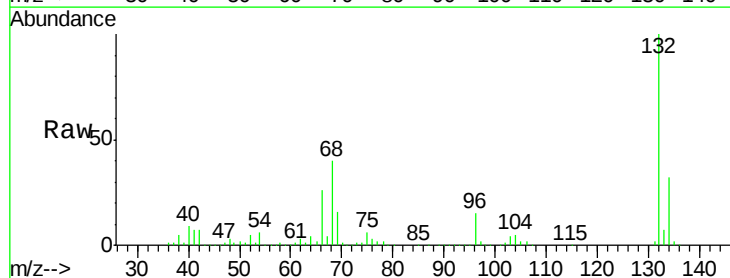
Tgt Ion: 77 Resp: 10023

Ion Ratio Lower Upper

77 100

105 83.2 81.1 121.1

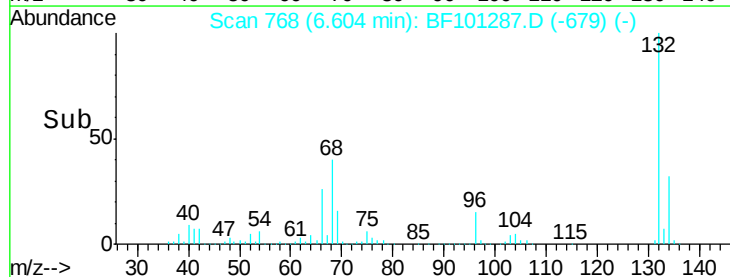
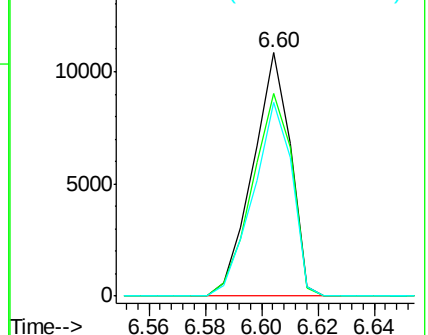
106 79.6 74.5 114.5

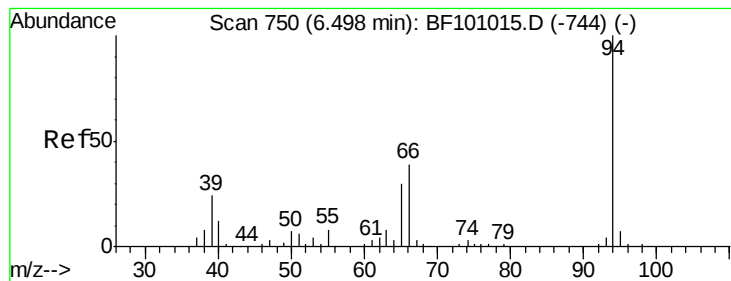


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#10

Phenol

Concen: 4.972 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF101287.D

Acq: 11 Dec 2017 14:15

Instrument :

BNA_F

ClientSampleId :

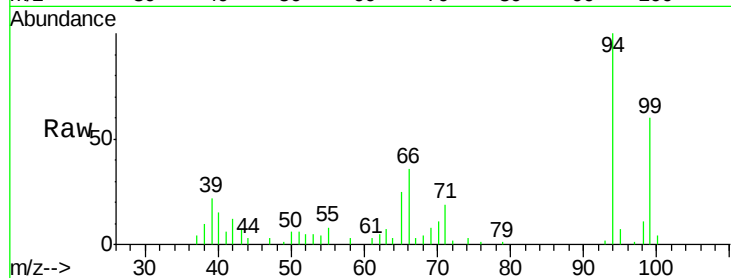
Tot Ion: 94 Resp: 21078

Ion Ratio Lower Upper

94 100

65 25.0 7.9 47.9

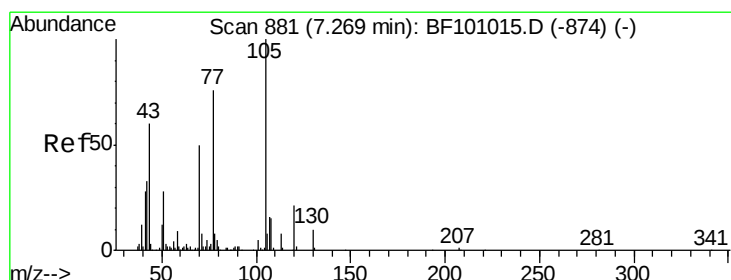
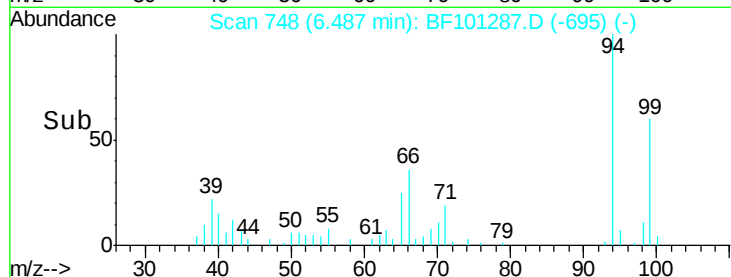
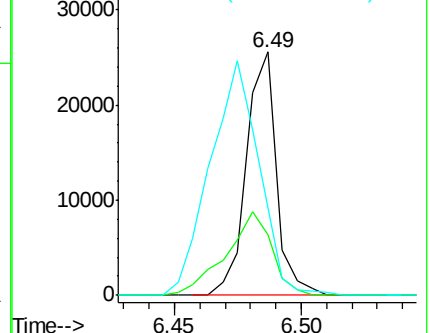
66 36.2 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 17.837 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.16 min

Lab File: BF101287.D

Acq: 11 Dec 2017 14:15

Tgt Ion: 70 Resp: 45797

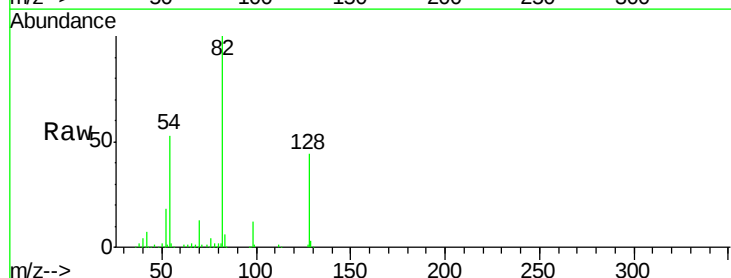
Ion Ratio Lower Upper

70 100

42 50.1 47.5 71.3

101 0.0 7.4 11.2#

130 1.8 16.6 25.0#

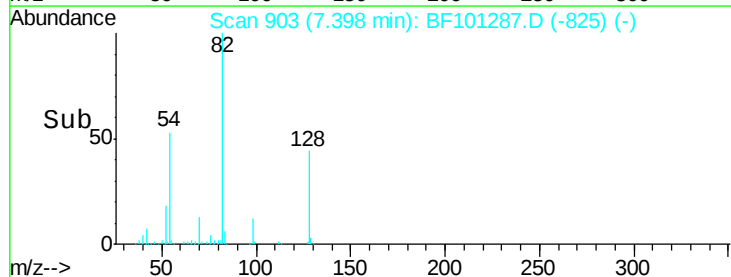
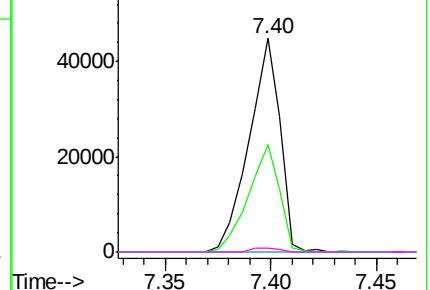


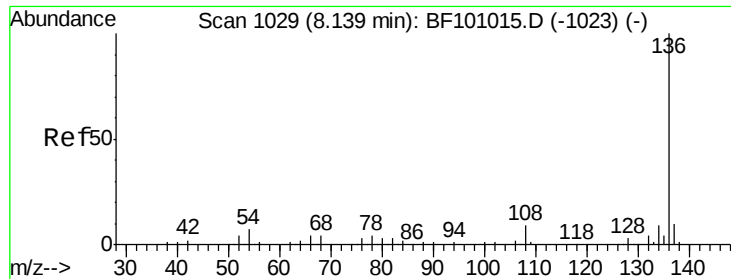
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

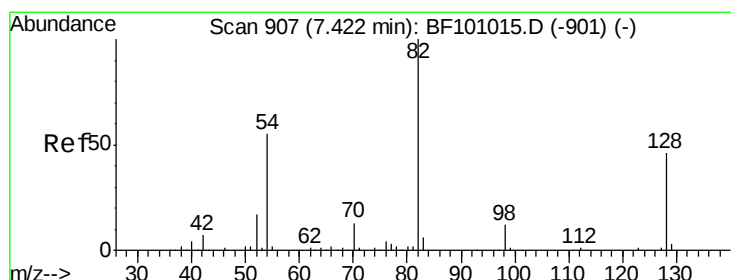
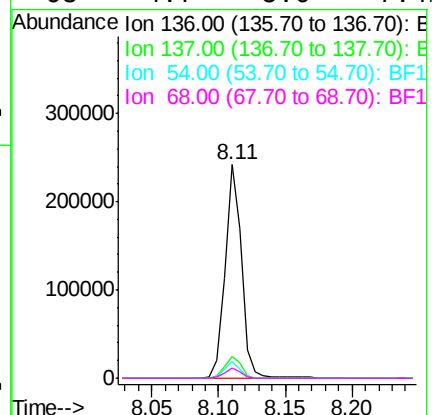
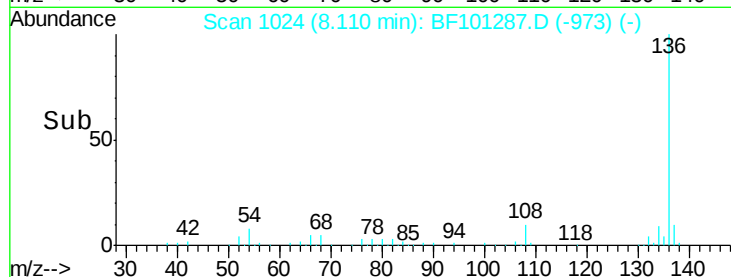
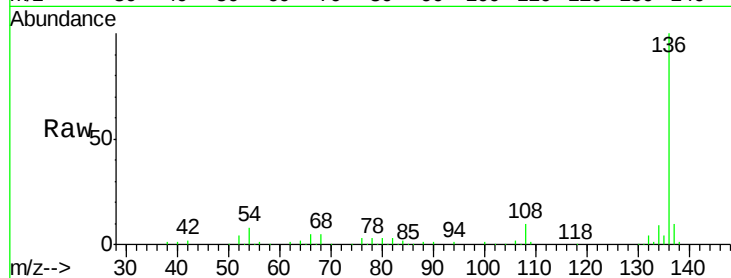




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF101287.D
Acq: 11 Dec 2017 14:15

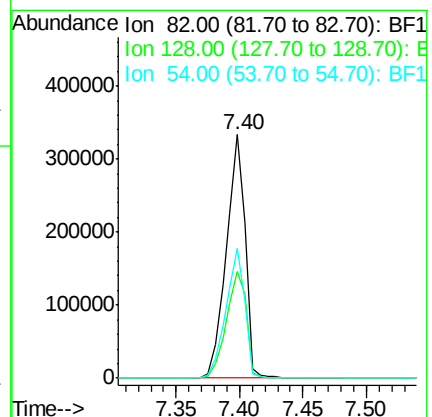
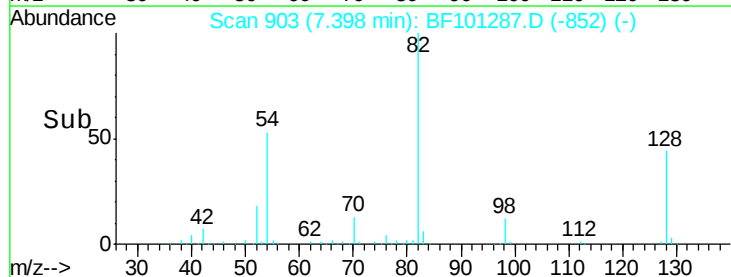
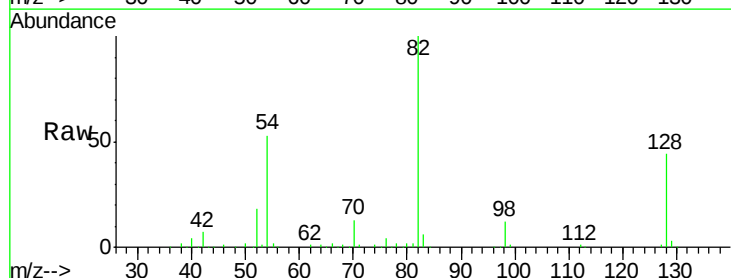
Instrument :
BNA_F
ClientSampleId :

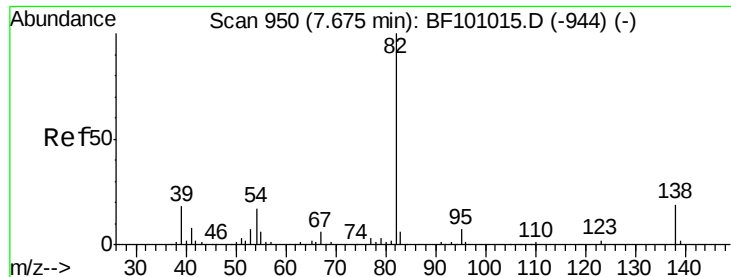
Tot Ion:136	Resp:	211202
Ion Ratio	Lower	Upper
136	100	
137	10.4	8.9 13.3
54	7.7	6.6 9.8
68	4.7	5.0 7.4#



#23
Nitrobenzene-d5
Concen: 97.598 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.00 min
Lab File: BF101287.D
Acq: 11 Dec 2017 14:15

Tgt Ion: 82	Resp:	345545
Ion Ratio	Lower	Upper
82	100	
128	43.6	36.1 54.1
54	53.3	41.4 62.2





#25

Isophorone

Concen: 57.137 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.25 min

Lab File: BF101287.D

Acq: 11 Dec 2017 14:15

Instrument :

BNA_F

ClientSampled :

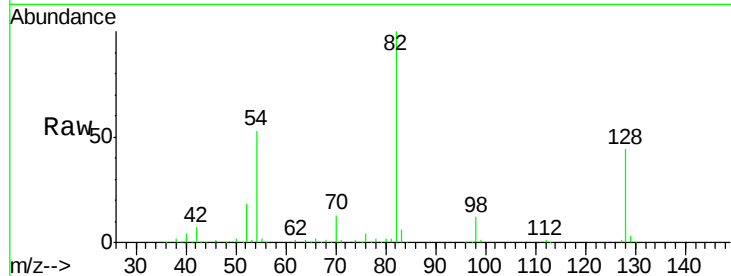
Tot Ion: 82 Resp: 345539

Ion Ratio Lower Upper

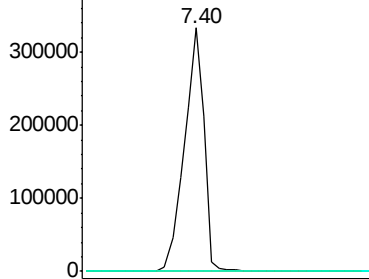
82 100

95 0.0 5.2 7.8#

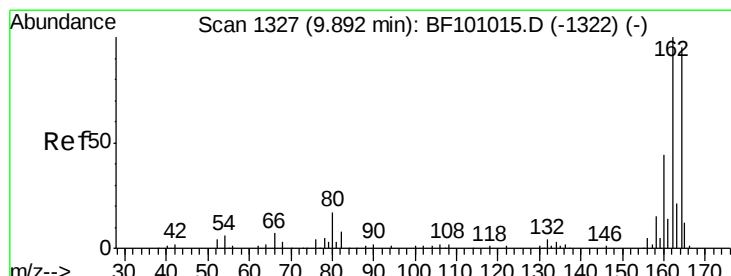
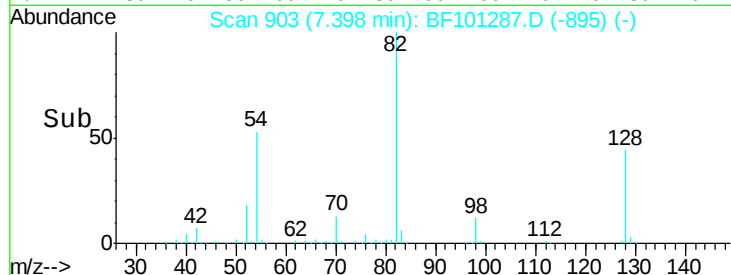
138 0.0 14.9 22.3#



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



Time-->



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1323

Delta R.T. 0.00 min

Lab File: BF101287.D

Acq: 11 Dec 2017 14:15

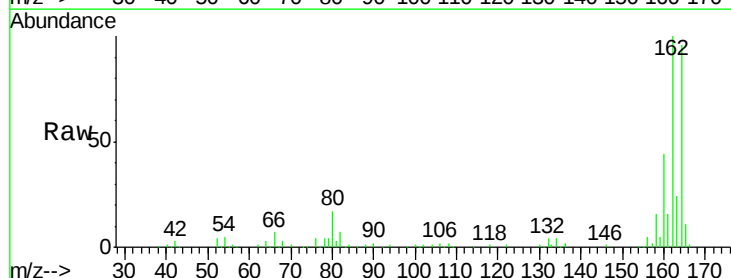
Tgt Ion:164 Resp: 101766

Ion Ratio Lower Upper

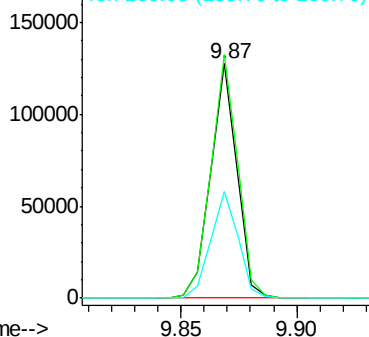
164 100

162 103.8 86.1 129.1

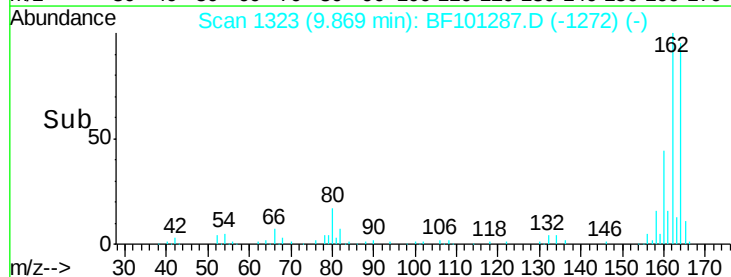
160 45.3 38.3 57.5

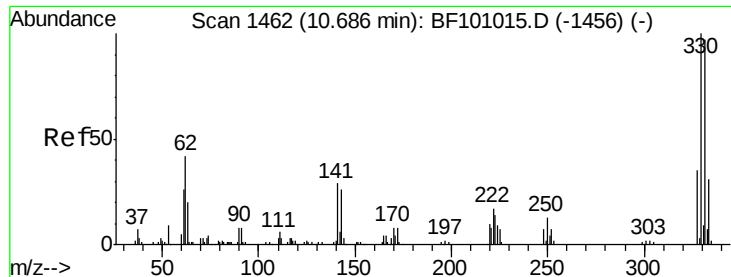


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



Time-->

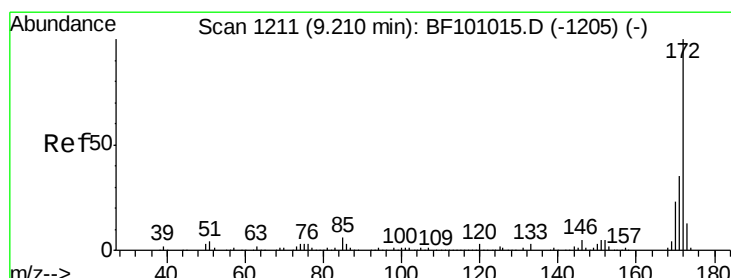
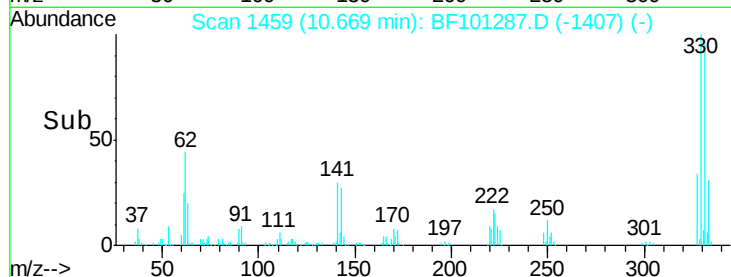
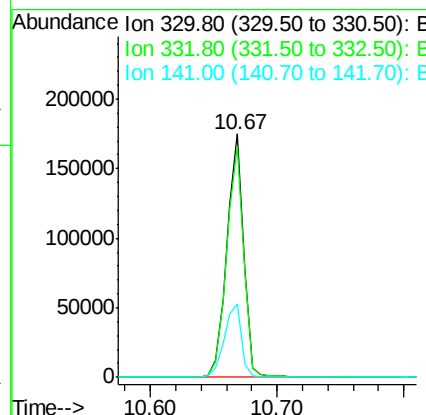
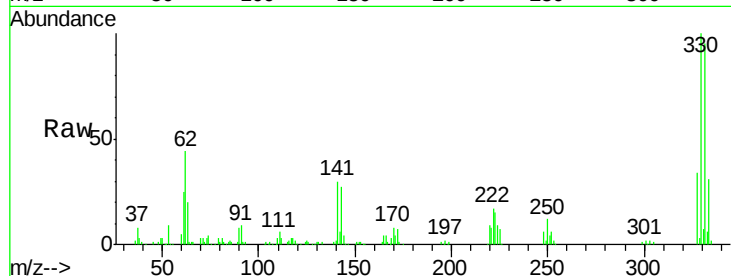




#41
 2,4,6-Tribromophenol
 Concen: 132.562 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. 0.01 min
 Lab File: BF101287.D
 Acq: 11 Dec 2017 14:15

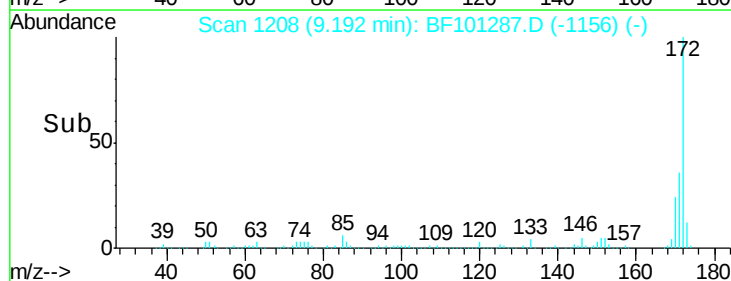
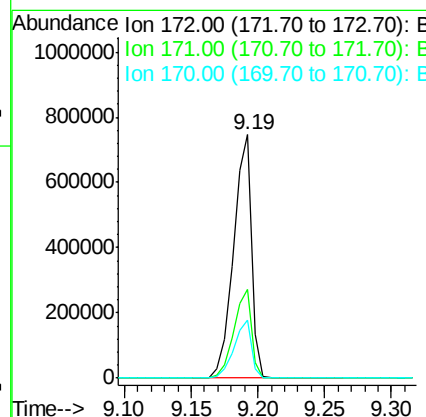
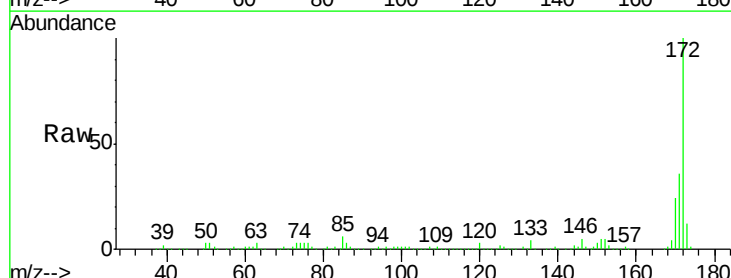
Instrument :
 BNA_F
 ClientSampleId :

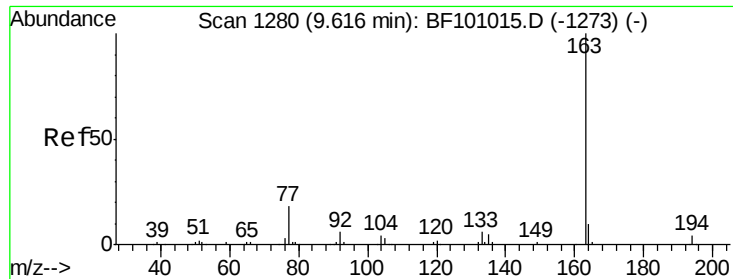
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	31.0	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 96.087 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.01 min
 Lab File: BF101287.D
 Acq: 11 Dec 2017 14:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	23.6	19.6	29.4

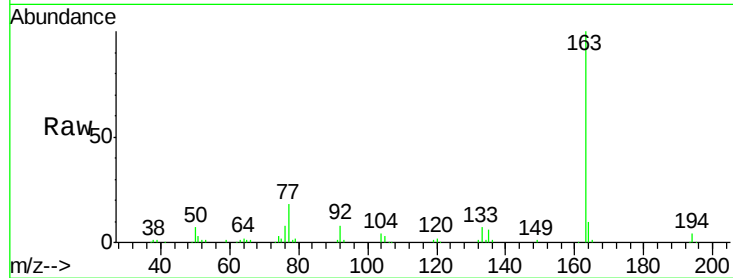




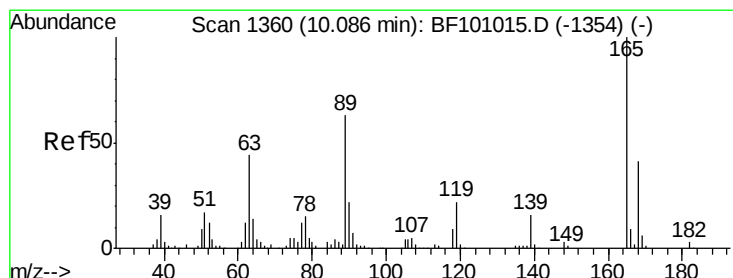
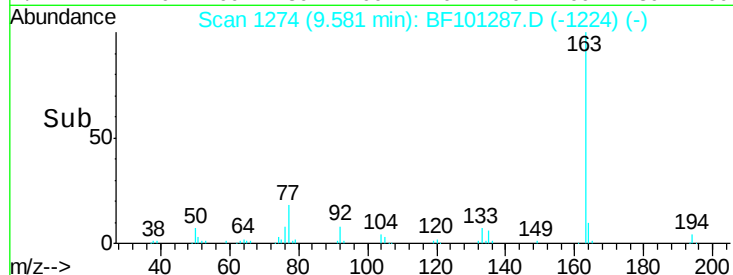
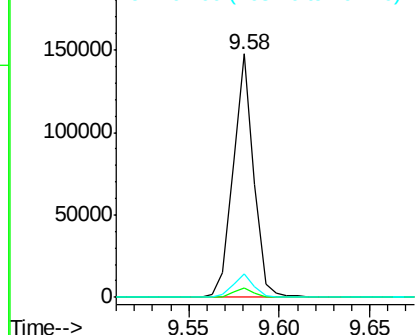
#49
Dimethylphthalate
Concen: 14.178 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF101287.D
Acq: 11 Dec 2017 14:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 116358
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 9.7 8.2 12.2

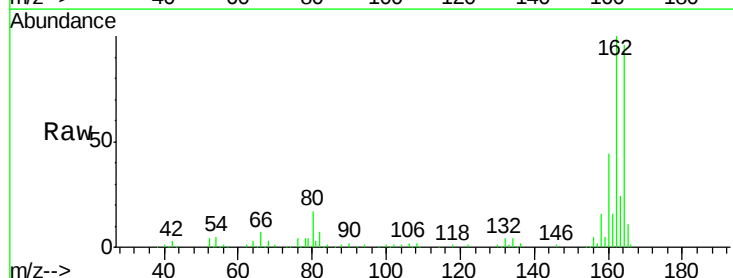


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

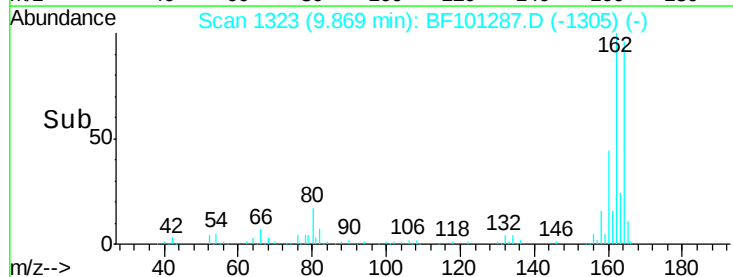
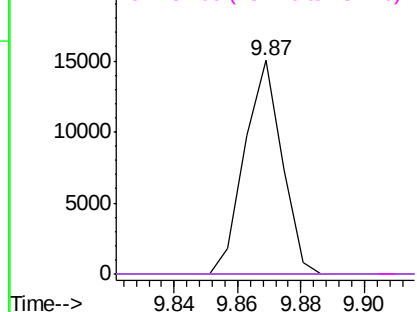


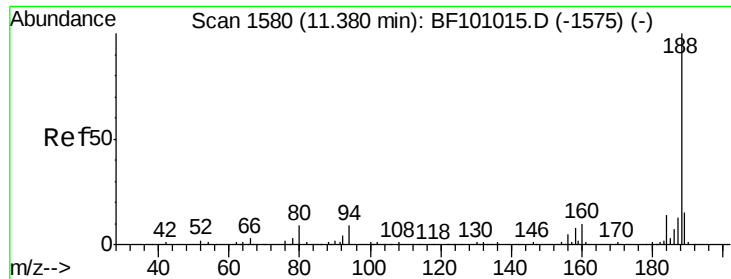
#56
2,4-Dinitrotoluene
Concen: 5.300 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.19 min
Lab File: BF101287.D
Acq: 11 Dec 2017 14:15

Tgt Ion:165 Resp: 12279
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

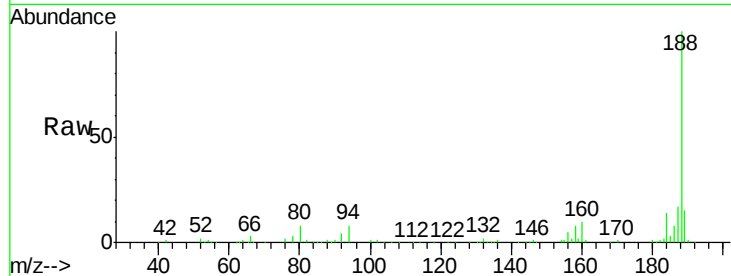




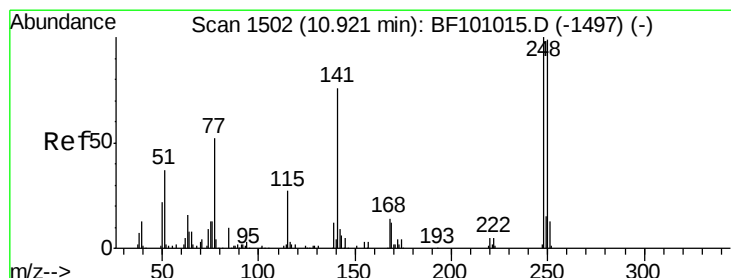
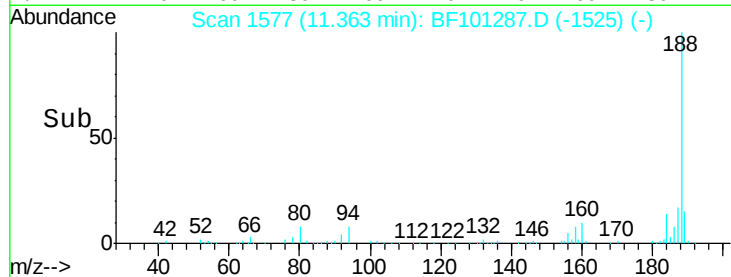
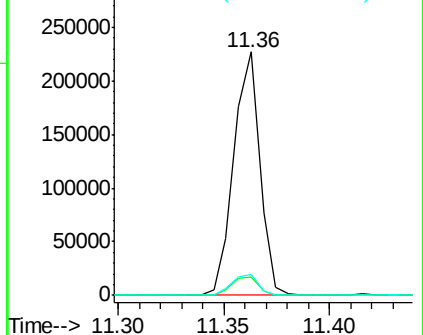
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. 0.01 min
 Lab File: BF101287.D
 Acq: 11 Dec 2017 14:15

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:188 Resp: 193184
 Ion Ratio Lower Upper
 188 100
 94 7.7 8.5 12.7#
 80 8.4 9.2 13.8#

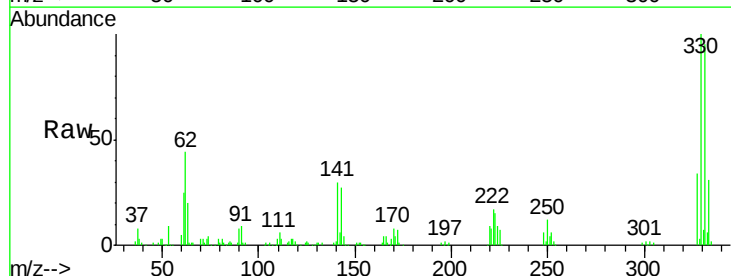


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

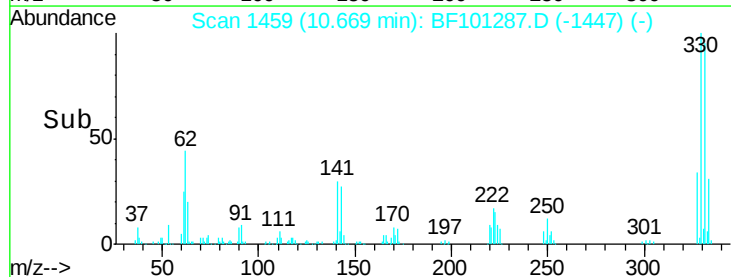
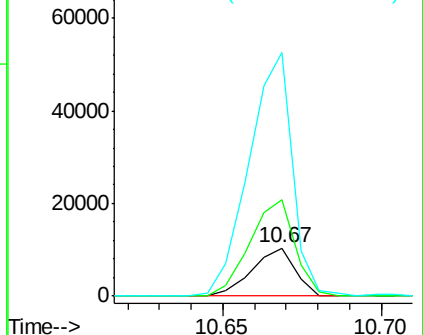


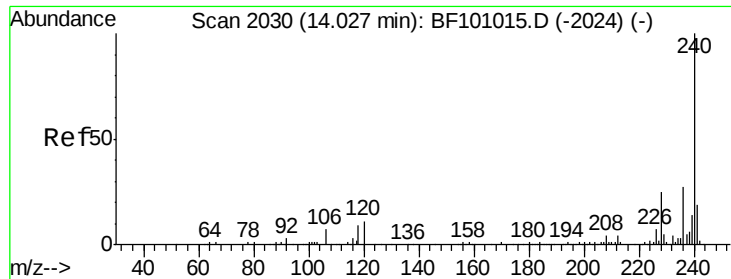
#66
 4-Bromophenyl-phenylether
 Concen: 4.512 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.23 min
 Lab File: BF101287.D
 Acq: 11 Dec 2017 14:15

Tgt Ion:248 Resp: 9756
 Ion Ratio Lower Upper
 248 100
 250 202.3 76.9 115.3#
 141 508.2 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

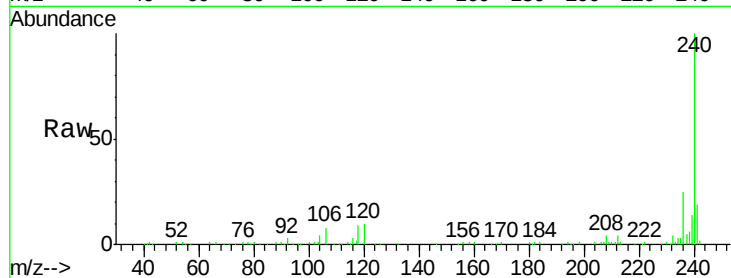




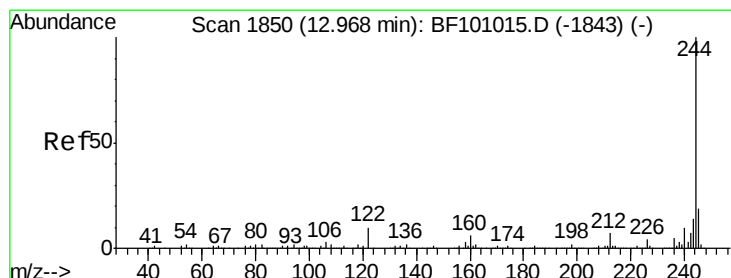
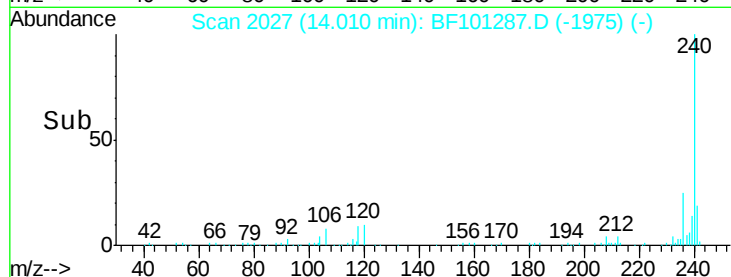
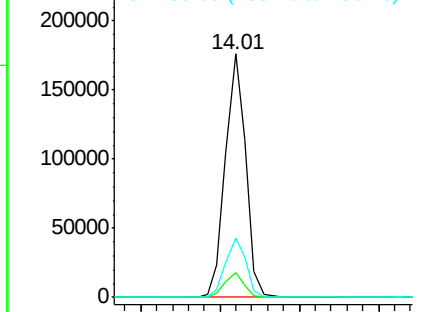
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. 0.01 min
 Lab File: BF101287.D
 Acq: 11 Dec 2017 14:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:240 Resp: 156325
 Ion Ratio Lower Upper
 240 100
 120 10.4 9.5 14.3
 236 24.5 20.7 31.1

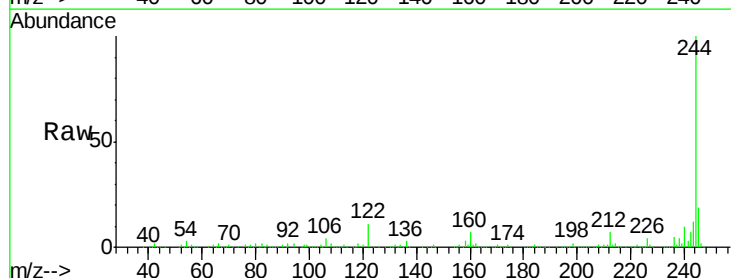


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

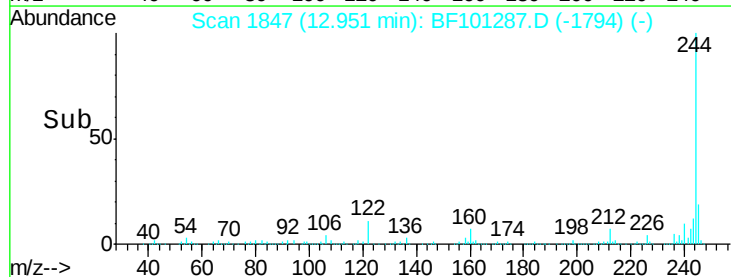
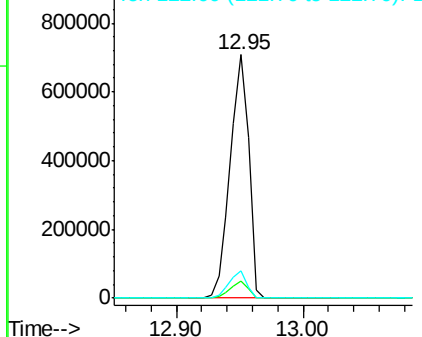


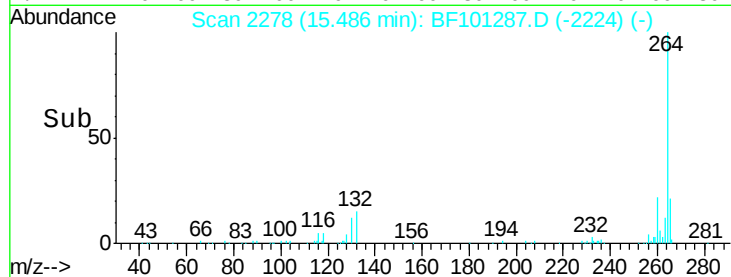
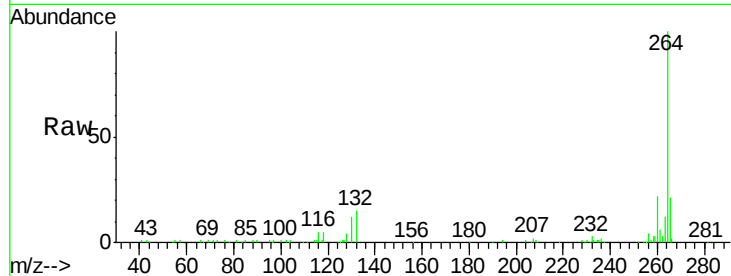
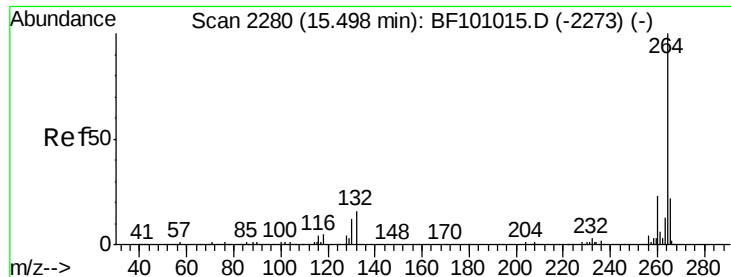
#78
 Terphenyl-d14
 Concen: 99.700 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. 0.01 min
 Lab File: BF101287.D
 Acq: 11 Dec 2017 14:15

Tgt Ion:244 Resp: 712564
 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: 15.49 min Scan# 2278
 Delta R.T. 0.02 min
 Lab File: BF101287.D
 Acq: 11 Dec 2017 14:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.6	19.2	28.8
265	21.3	17.5	26.3

