

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120717\
 Data File : BF101200.D
 Acq On : 7 Dec 2017 13:00
 Operator : SJ/JU
 Sample : I6645-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 07 16:33:24 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:07:49 2017
 Response via : Initial Calibration

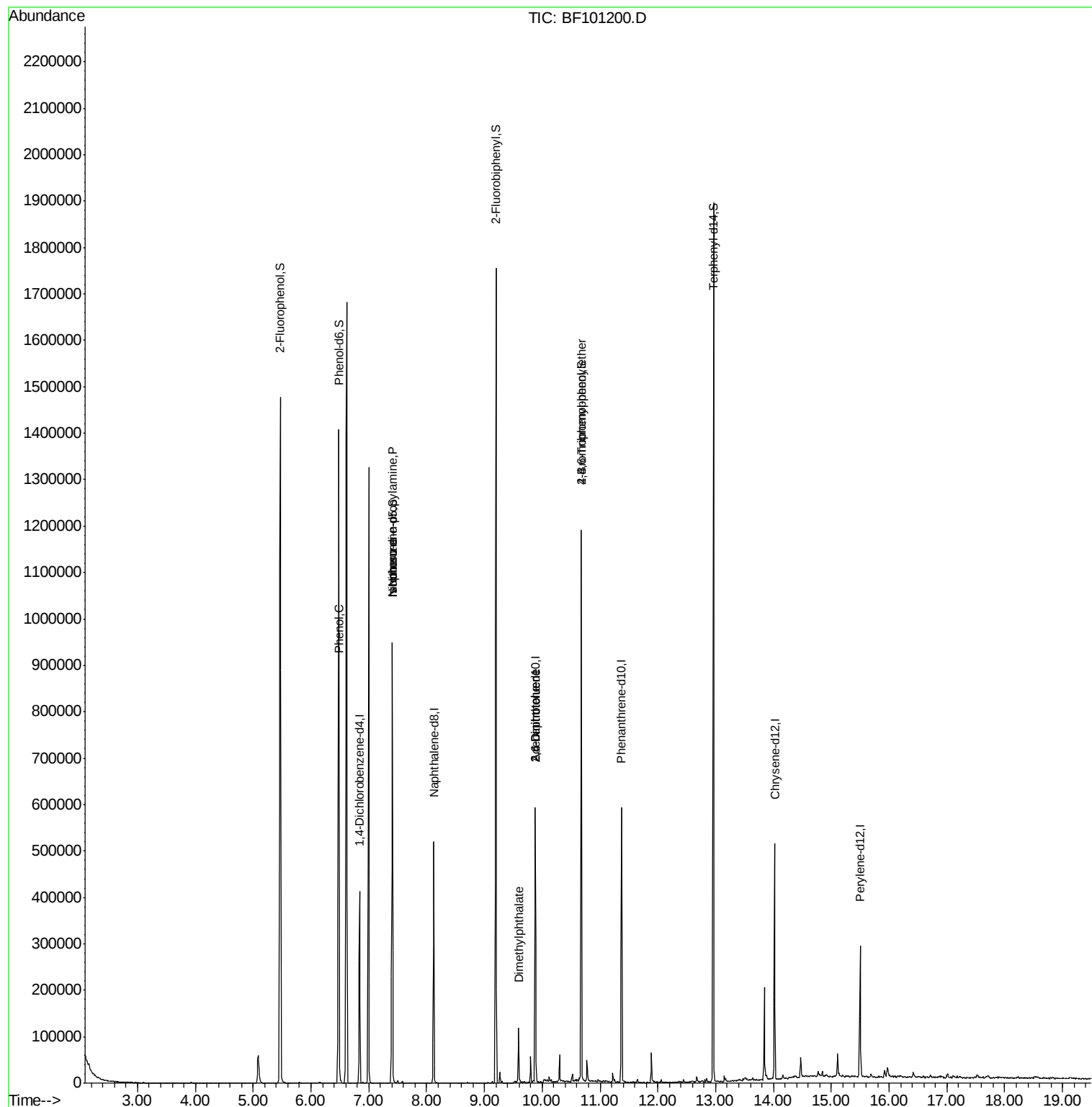
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	57420	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	231374	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	111047	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	223115	20.00	ng	0.00
75) Chrysene-d12	14.02	240	183874	20.00	ng	0.00
86) Perylene-d12	15.50	264	130509	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	456926	131.50	ng	0.00
7) Phenol-d6	6.48	99	559568	132.64	ng	0.00
23) Nitrobenzene-d5	7.41	82	337673	87.06	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	165794	124.28	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	672412	82.85	ng	0.00
78) Terphenyl-d14	12.96	244	701891	83.49	ng	0.00
Target Compounds						
10) Phenol	6.49	94	21338	4.549	ng	96
19) n-Nitroso-di-n-propylamine	7.41	70	43867	15.440	ng	# 80
25) Isophorone	7.41	82	337668	50.967	ng	# 64
49) Dimethylphthalate	9.59	163	41707	4.657	ng	99
50) 2,6-Dinitrotoluene	9.88	165	13954	7.398	ng	# 24
56) 2,4-Dinitrotoluene	9.88	165	13954	5.520	ng	# 21
66) 4-Bromophenyl-phenylether	10.67	248	10447	4.183	ng	# 1

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

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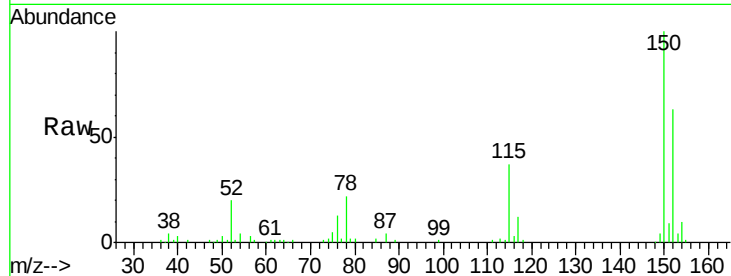


#1

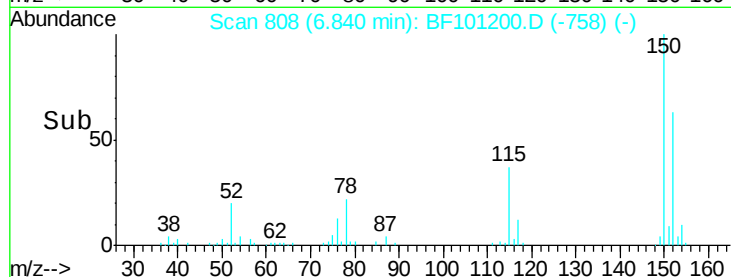
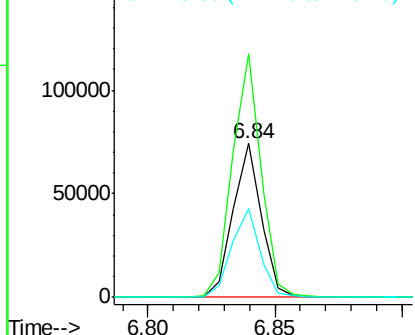
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF101200.D
Acq: 7 Dec 2017 13:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 57420
Ion Ratio Lower Upper
152 100
150 158.7 124.6 186.8
115 57.9 50.1 75.1



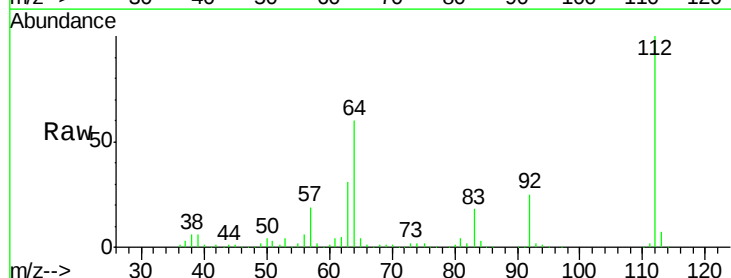
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



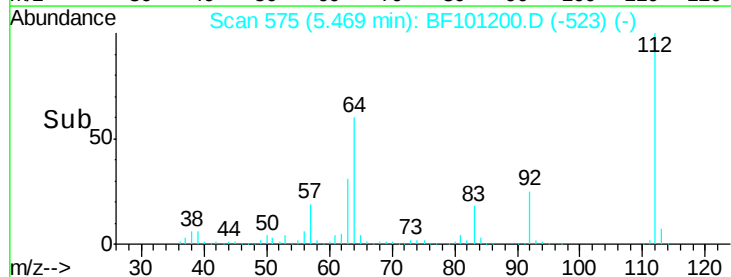
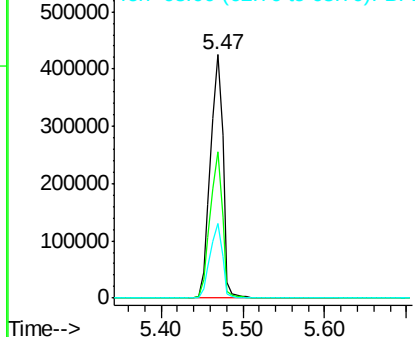
#5

2-Fluorophenol
Concen: 131.495 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF101200.D
Acq: 7 Dec 2017 13:00

Tgt Ion:112 Resp: 456926
Ion Ratio Lower Upper
112 100
64 60.2 47.9 71.9
63 30.8 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: 132.636 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF101200.D

Acq: 7 Dec 2017 13:00

Instrument :

BNA_F

ClientSampleId :

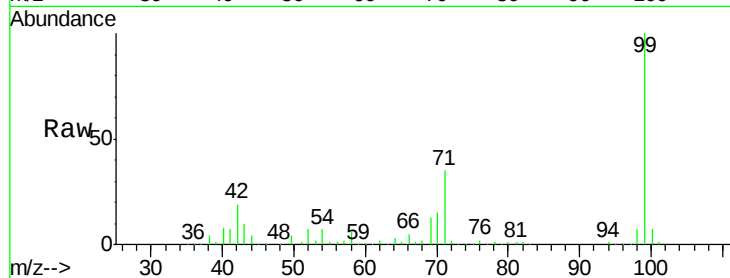
Tot Ion: 99 Resp: 559568

Ion Ratio Lower Upper

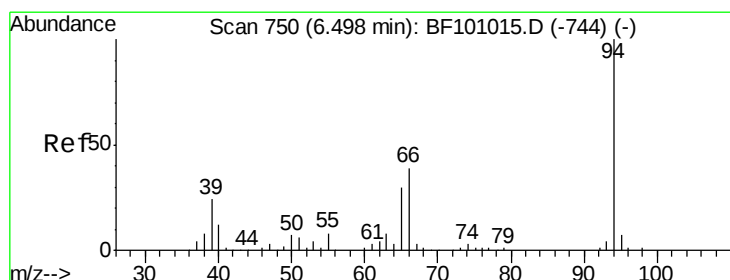
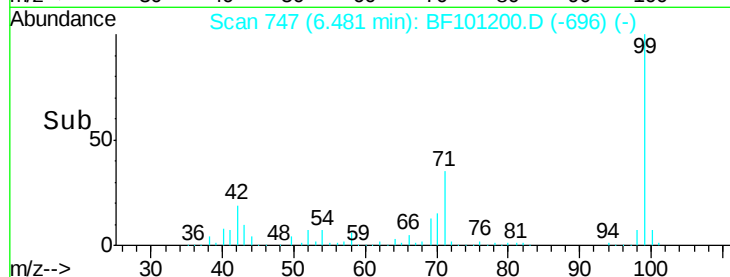
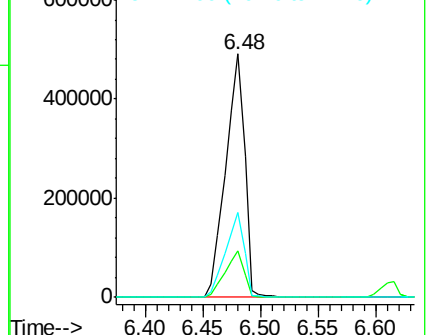
99 100

42 19.3 14.5 21.7

71 34.7 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



#10

Phenol

Concen: 4.549 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF101200.D

Acq: 7 Dec 2017 13:00

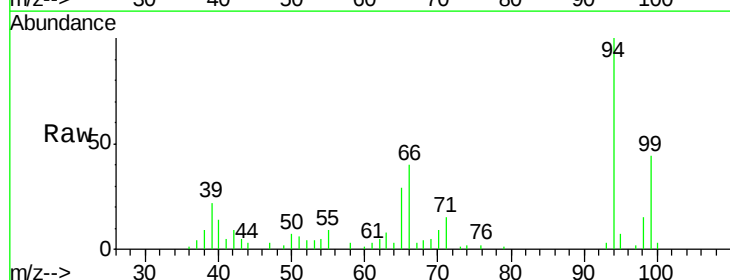
Tgt Ion: 94 Resp: 21338

Ion Ratio Lower Upper

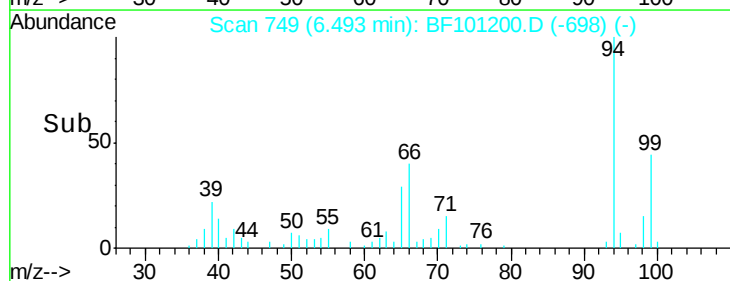
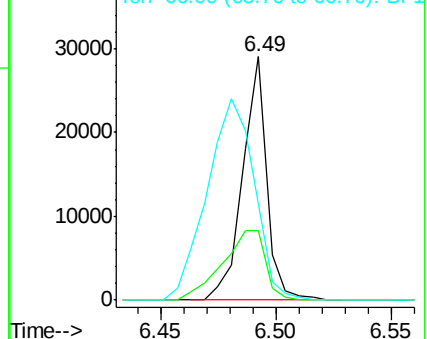
94 100

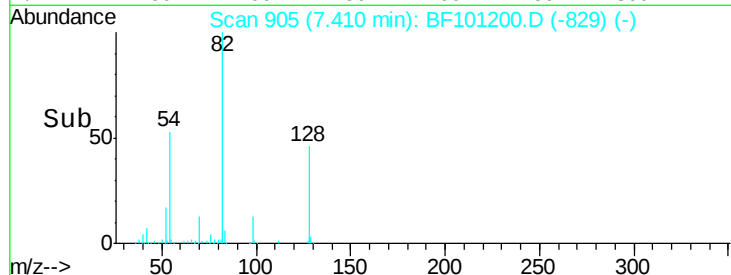
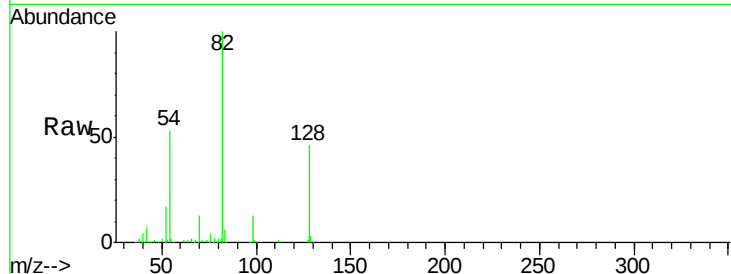
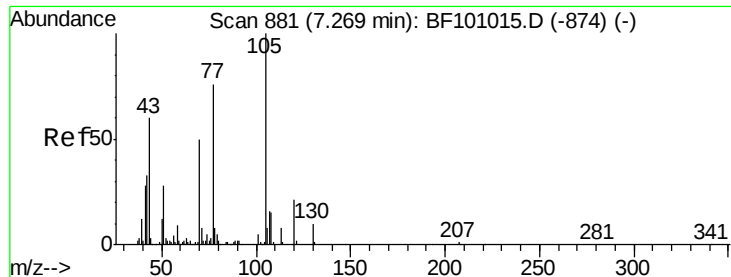
65 28.6 7.9 47.9

66 39.8 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

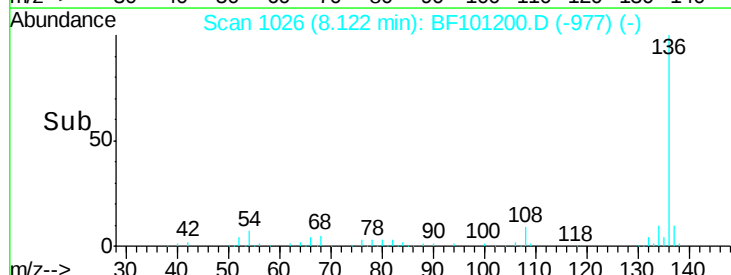
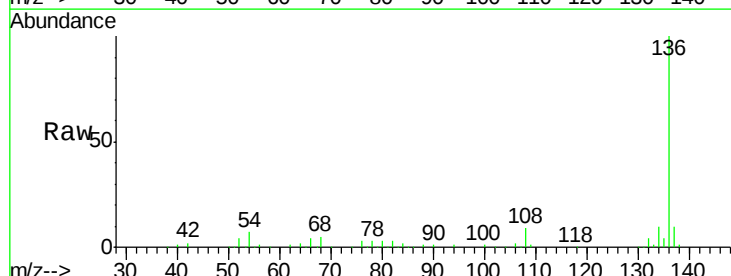
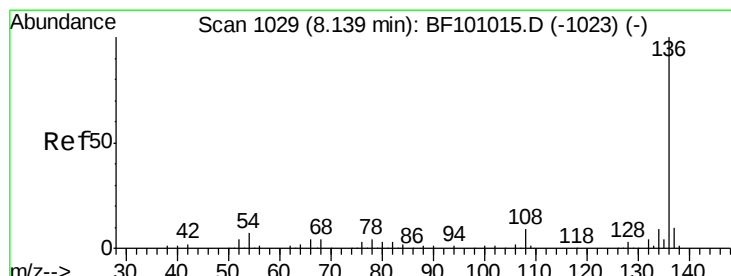
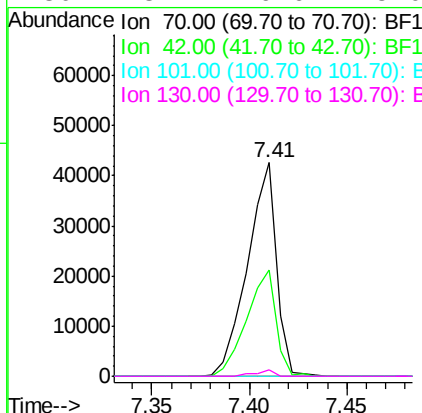




#19
n-Nitroso-di-n-propylamine
Concen: 15.440 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.15 min
Lab File: BF101200.D
Acq: 7 Dec 2017 13:00

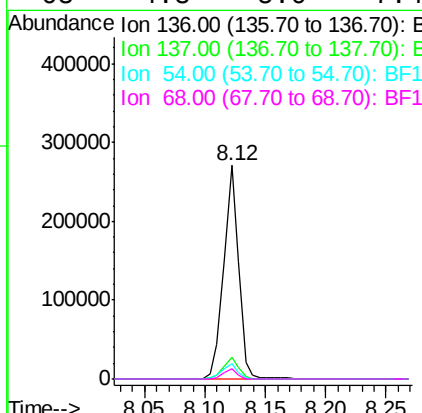
Instrument :
BNA_F
ClientSampleId :

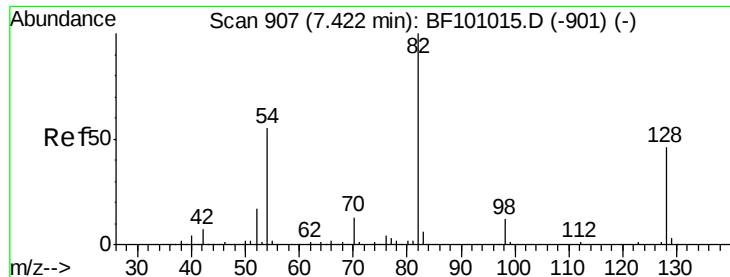
Tot Ion: 70 Resp: 43867
Ion Ratio Lower Upper
70 100
42 49.9 47.5 71.3
101 0.0 7.4 11.2#
130 3.1 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF101200.D
Acq: 7 Dec 2017 13:00

Tgt Ion: 136 Resp: 231374
Ion Ratio Lower Upper
136 100
137 10.2 8.9 13.3
54 7.5 6.6 9.8
68 4.8 5.0 7.4#

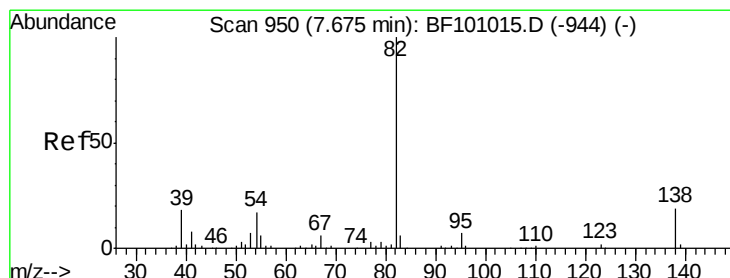
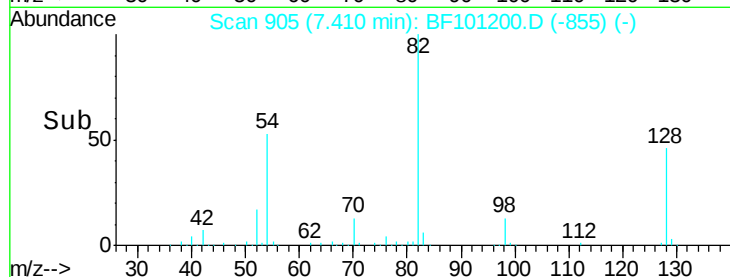
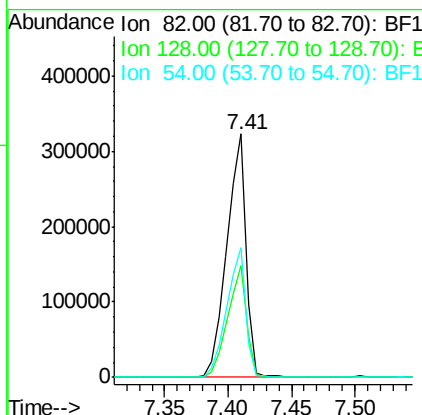
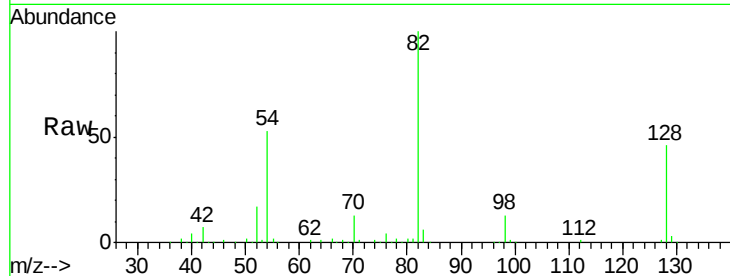




#23
Nitrobenzene-d5
Concen: 87.059 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF101200.D
Acq: 7 Dec 2017 13:00

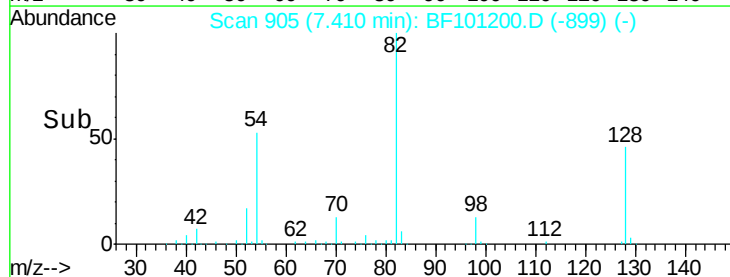
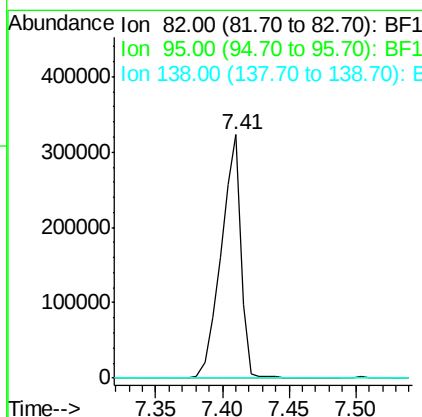
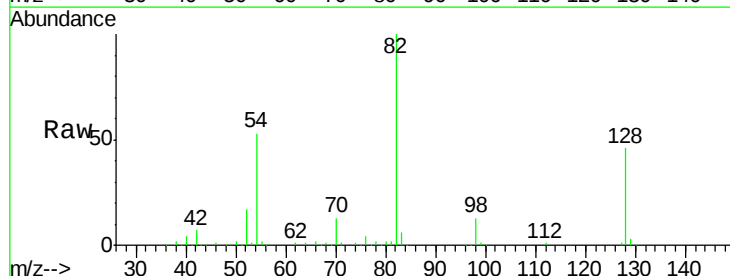
Instrument :
BNA_F
ClientSampled :

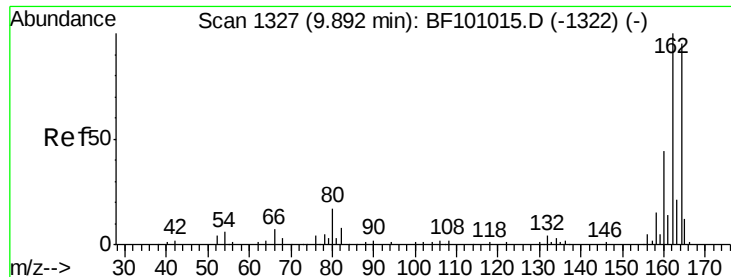
Tot Ion: 82 Resp: 337673
Ion Ratio Lower Upper
82 100
128 45.8 36.1 54.1
54 53.2 41.4 62.2



#25
Isophorone
Concen: 50.967 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.26 min
Lab File: BF101200.D
Acq: 7 Dec 2017 13:00

Tgt Ion: 82 Resp: 337668
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#

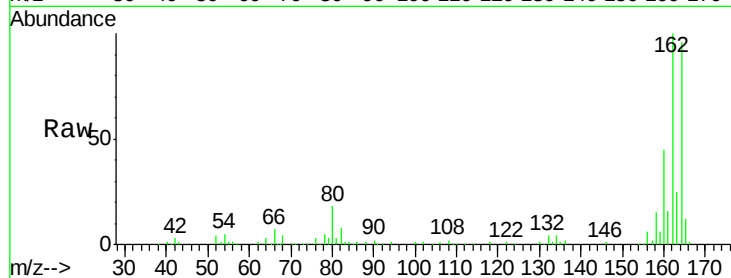




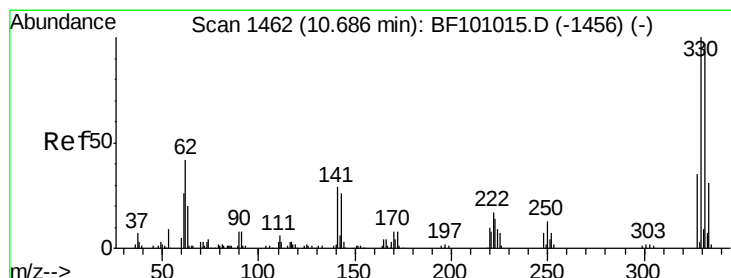
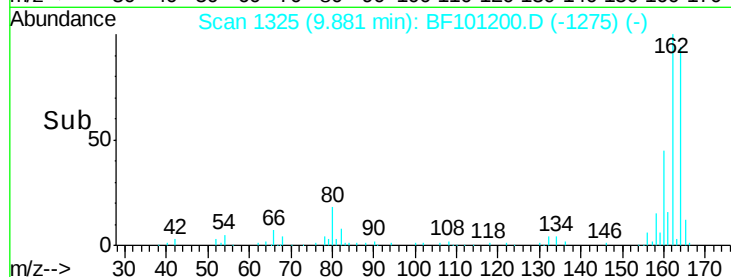
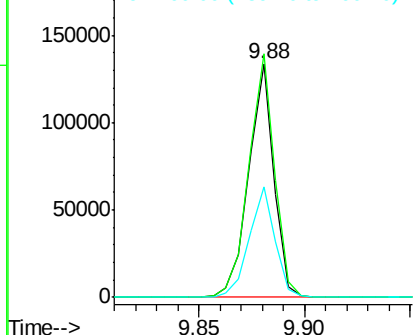
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF101200.D
Acq: 7 Dec 2017 13:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 111047
Ion Ratio Lower Upper
164 100
162 104.1 86.1 129.1
160 47.0 38.3 57.5

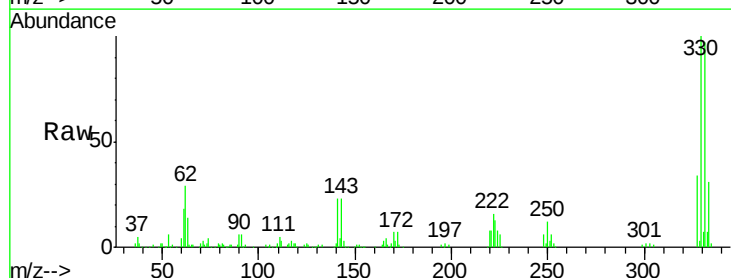


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

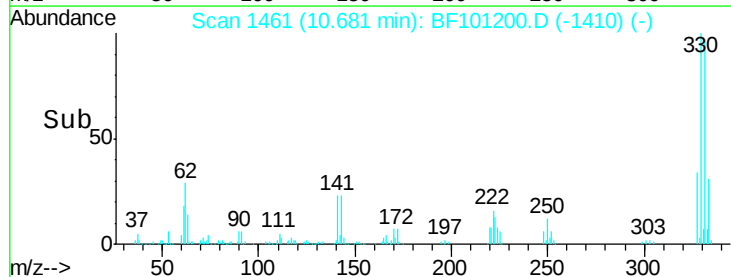
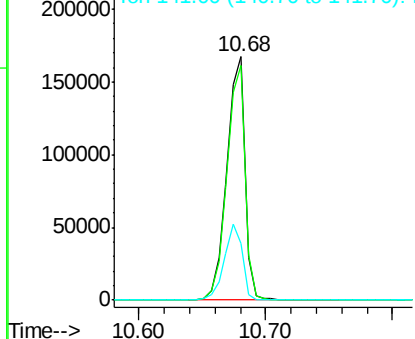


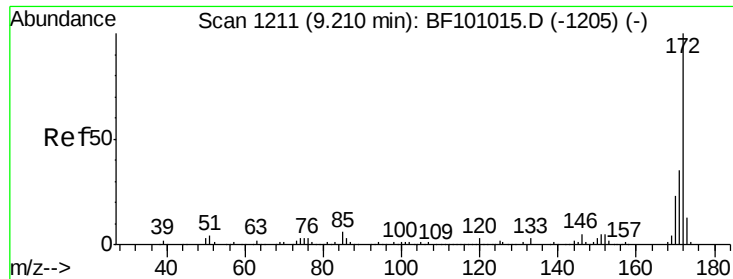
#41
2,4,6-Tribromophenol
Concen: 124.284 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.00 min
Lab File: BF101200.D
Acq: 7 Dec 2017 13:00

Tgt Ion:330 Resp: 165794
Ion Ratio Lower Upper
330 100
332 96.5 77.0 115.6
141 30.9 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

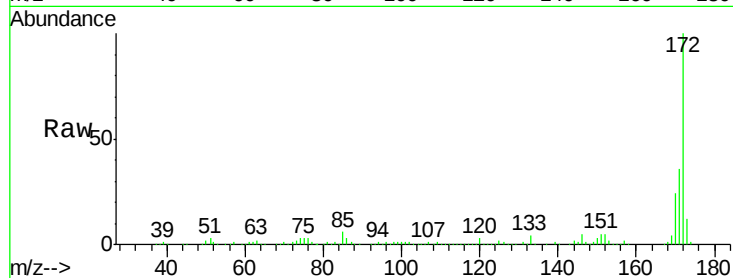




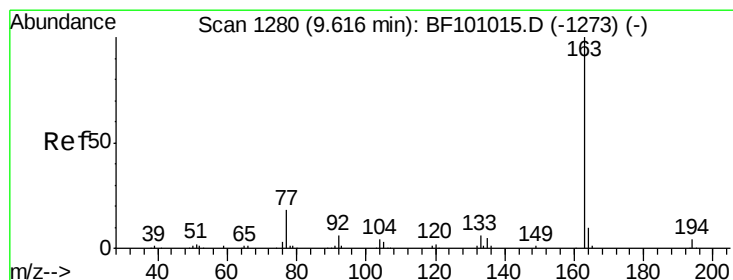
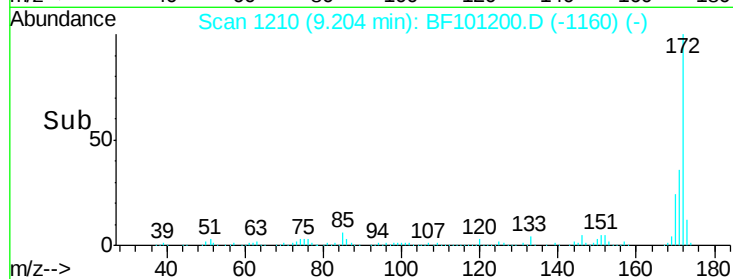
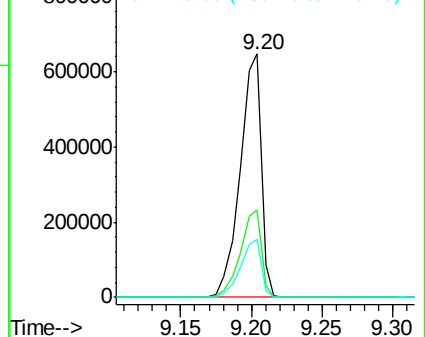
#44
2-Fluorobiphenyl
Concen: 82.847 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF101200.D
Acq: 7 Dec 2017 13:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 672412
Ion Ratio Lower Upper
172 100
171 35.7 29.7 44.5
170 23.7 19.6 29.4

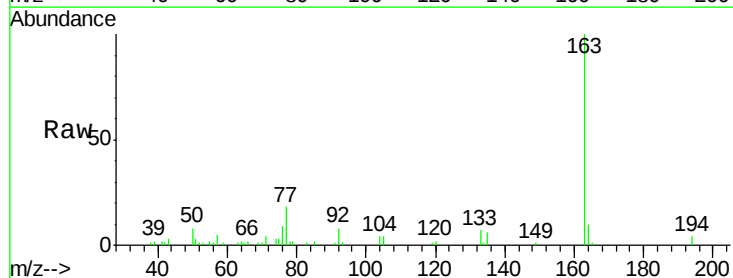


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

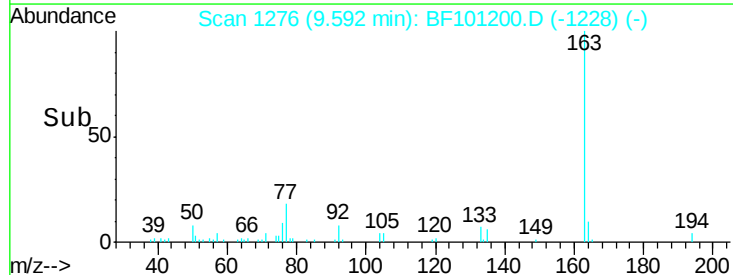
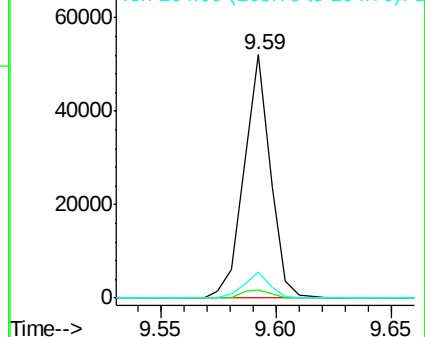


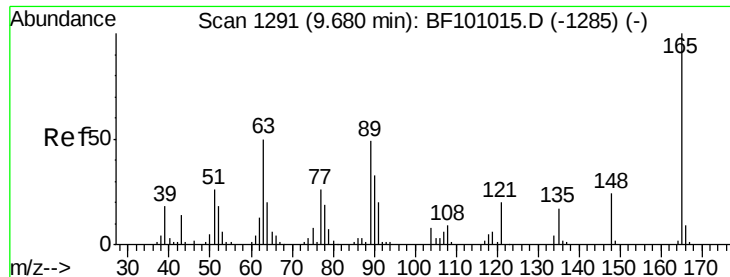
#49
Dimethylphthalate
Concen: 4.657 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF101200.D
Acq: 7 Dec 2017 13:00

Tgt Ion:163 Resp: 41707
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.5 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

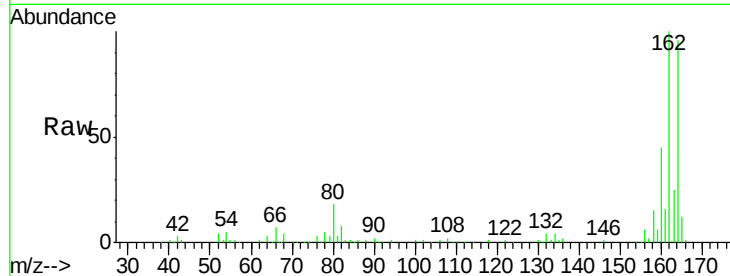




#50
2,6-Dinitrotoluene
Concen: 7.398 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.21 min
Lab File: BF101200.D
Acq: 7 Dec 2017 13:00

Instrument :
BNA_F
ClientSampleId :

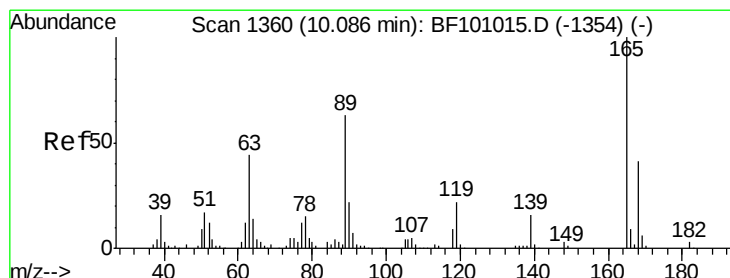
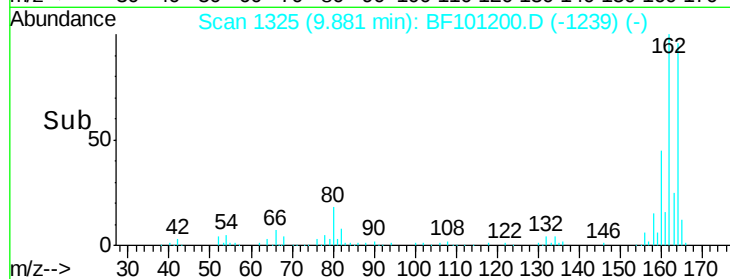
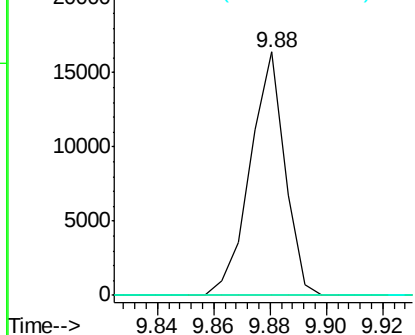
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#56
2,4-Dinitrotoluene
Concen: 5.520 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.20 min
Lab File: BF101200.D
Acq: 7 Dec 2017 13:00

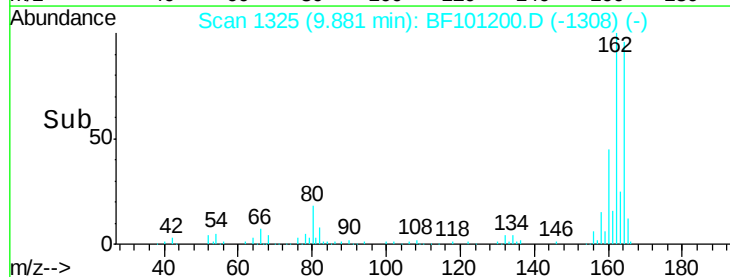
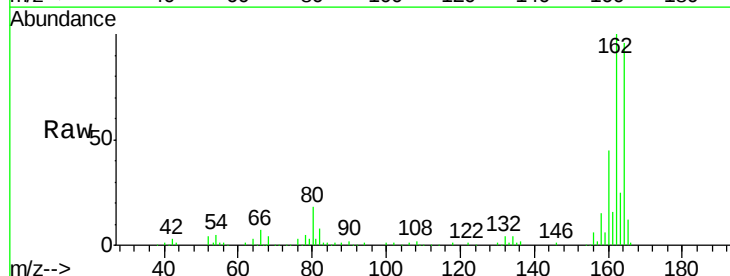
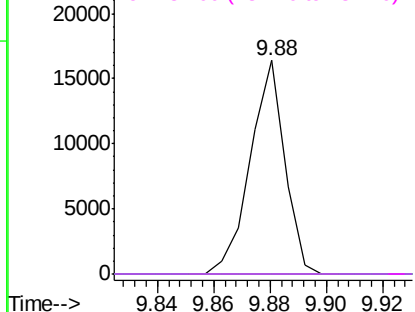
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

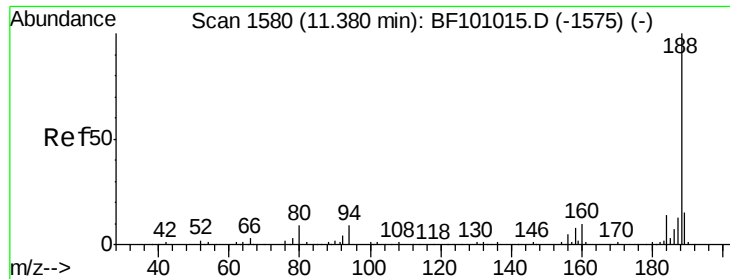
Abundance Ion 165.00 (164.70 to 165.70): E

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

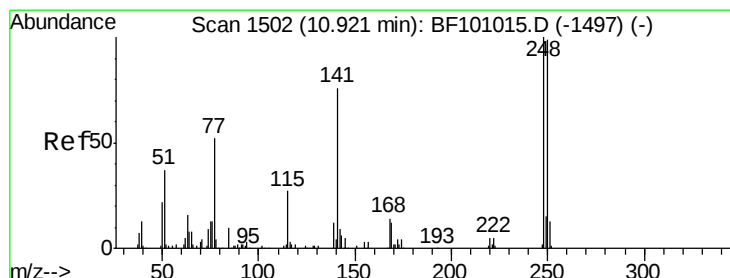
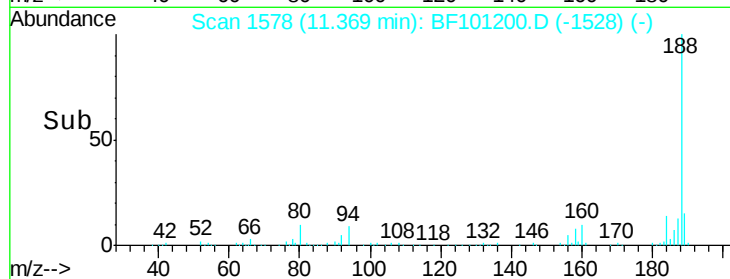
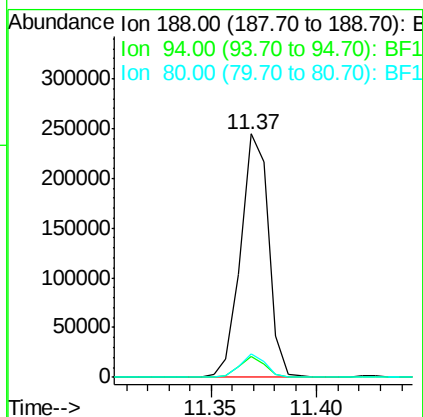
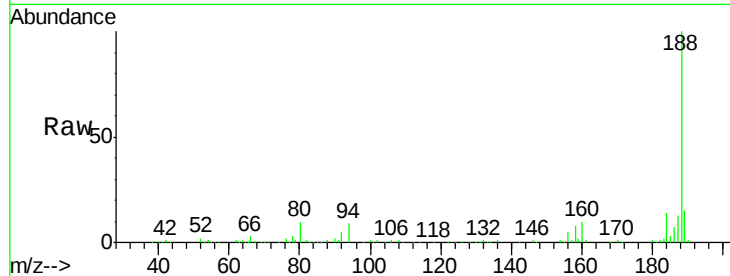




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF101200.D
Acq: 7 Dec 2017 13:00

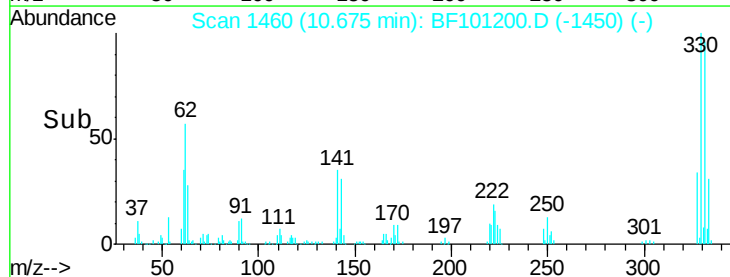
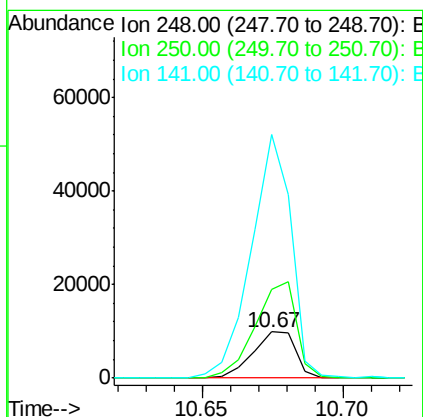
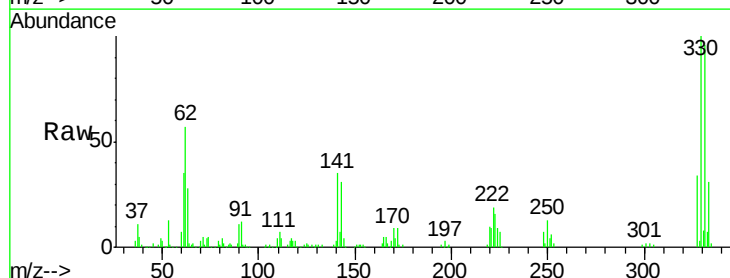
Instrument :
BNA_F
ClientSampleId :

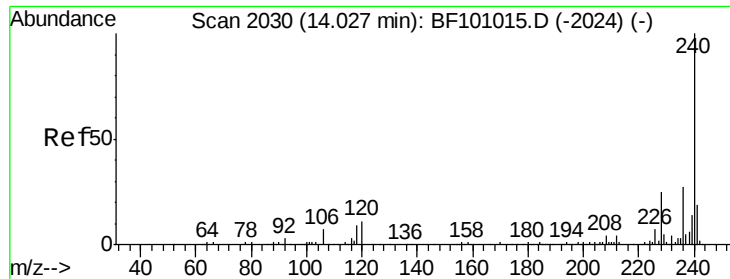
Tot Ion:188 Resp: 223115
Ion Ratio Lower Upper
188 100
94 8.5 8.5 12.7
80 9.7 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 4.183 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.24 min
Lab File: BF101200.D
Acq: 7 Dec 2017 13:00

Tgt Ion:248 Resp: 10447
Ion Ratio Lower Upper
248 100
250 191.9 76.9 115.3#
141 526.0 74.4 111.6#

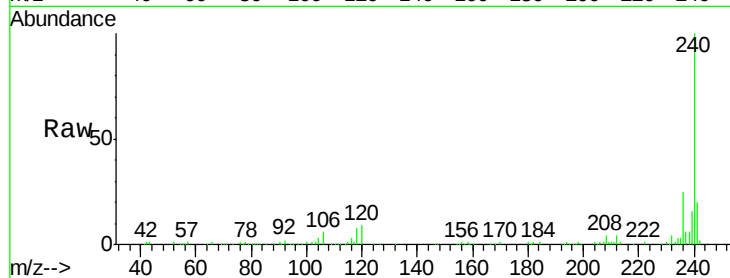




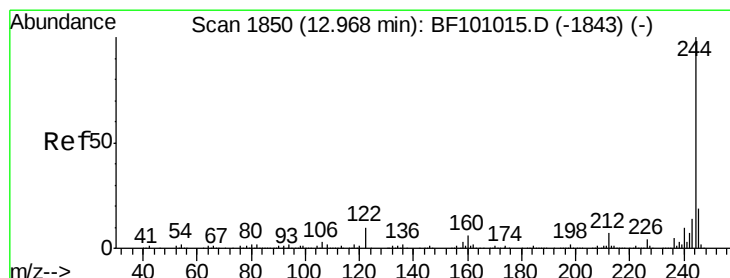
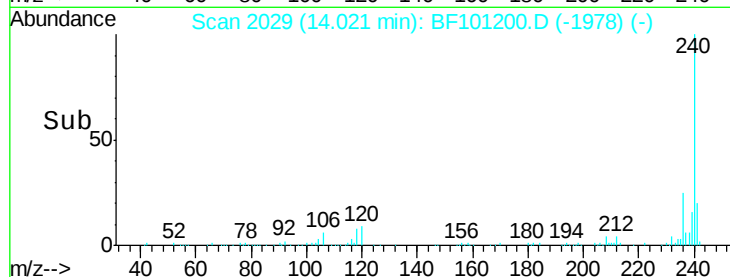
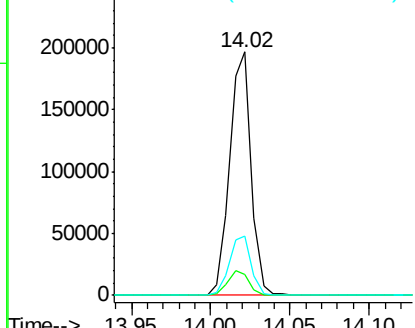
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. 0.00 min
 Lab File: BF101200.D
 Acq: 7 Dec 2017 13:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:240 Resp: 183874
 Ion Ratio Lower Upper
 240 100
 120 8.5 9.5 14.3#
 236 24.6 20.7 31.1

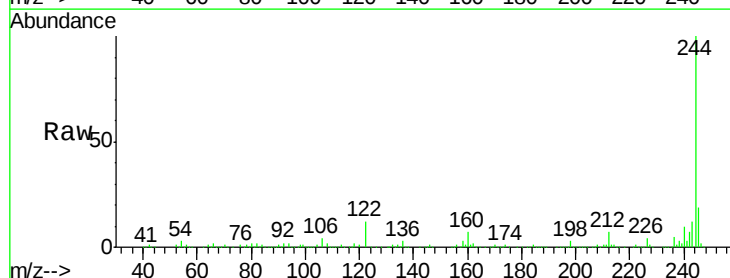


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

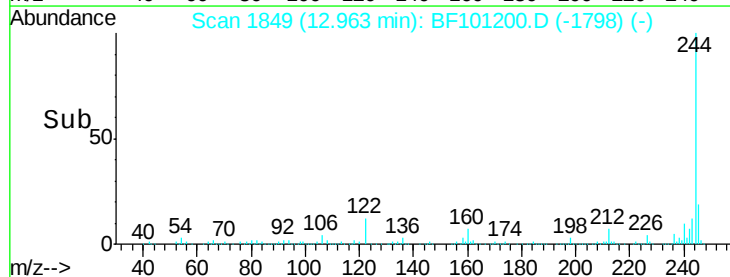
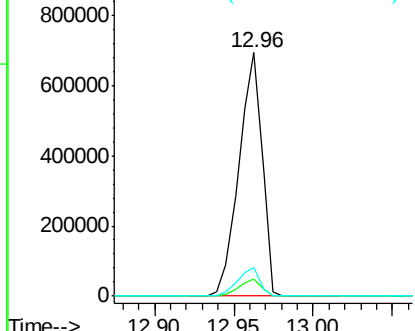


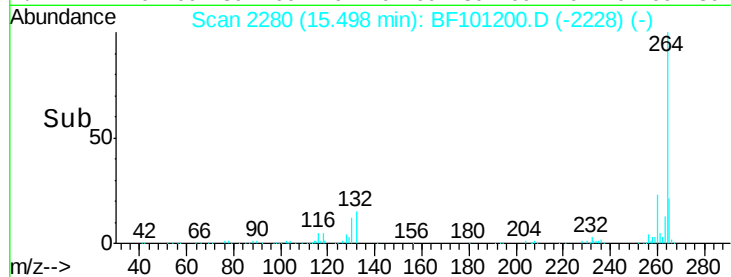
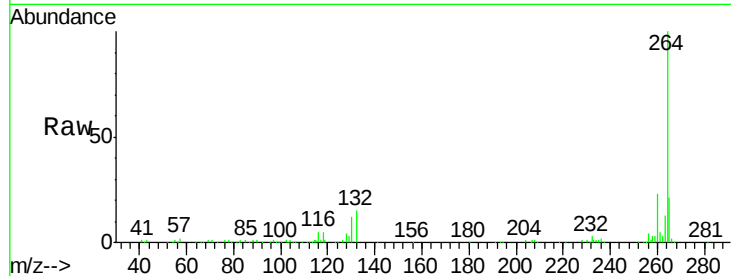
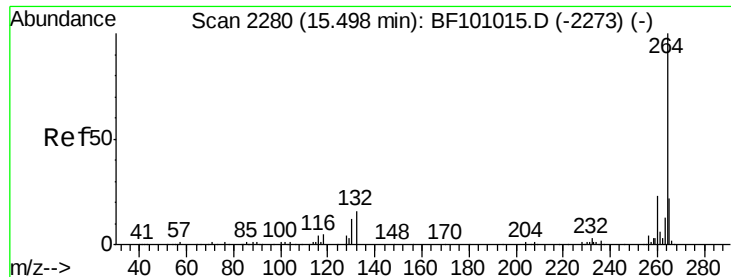
#78
 Terphenyl-d14
 Concen: 83.493 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. 0.00 min
 Lab File: BF101200.D
 Acq: 7 Dec 2017 13:00

Tgt Ion:244 Resp: 701891
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 11.7 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: 20.000 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. 0.01 min
 Lab File: BF101200.D
 Acq: 7 Dec 2017 13:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.4	17.5	26.3

