

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112817\
 Data File : BF100962.D
 Acq On : 29 Nov 2017 4:51
 Operator : SJ/JU
 Sample : I6603-04
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 29 06:22:26 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 15:21:02 2017
 Response via : Initial Calibration

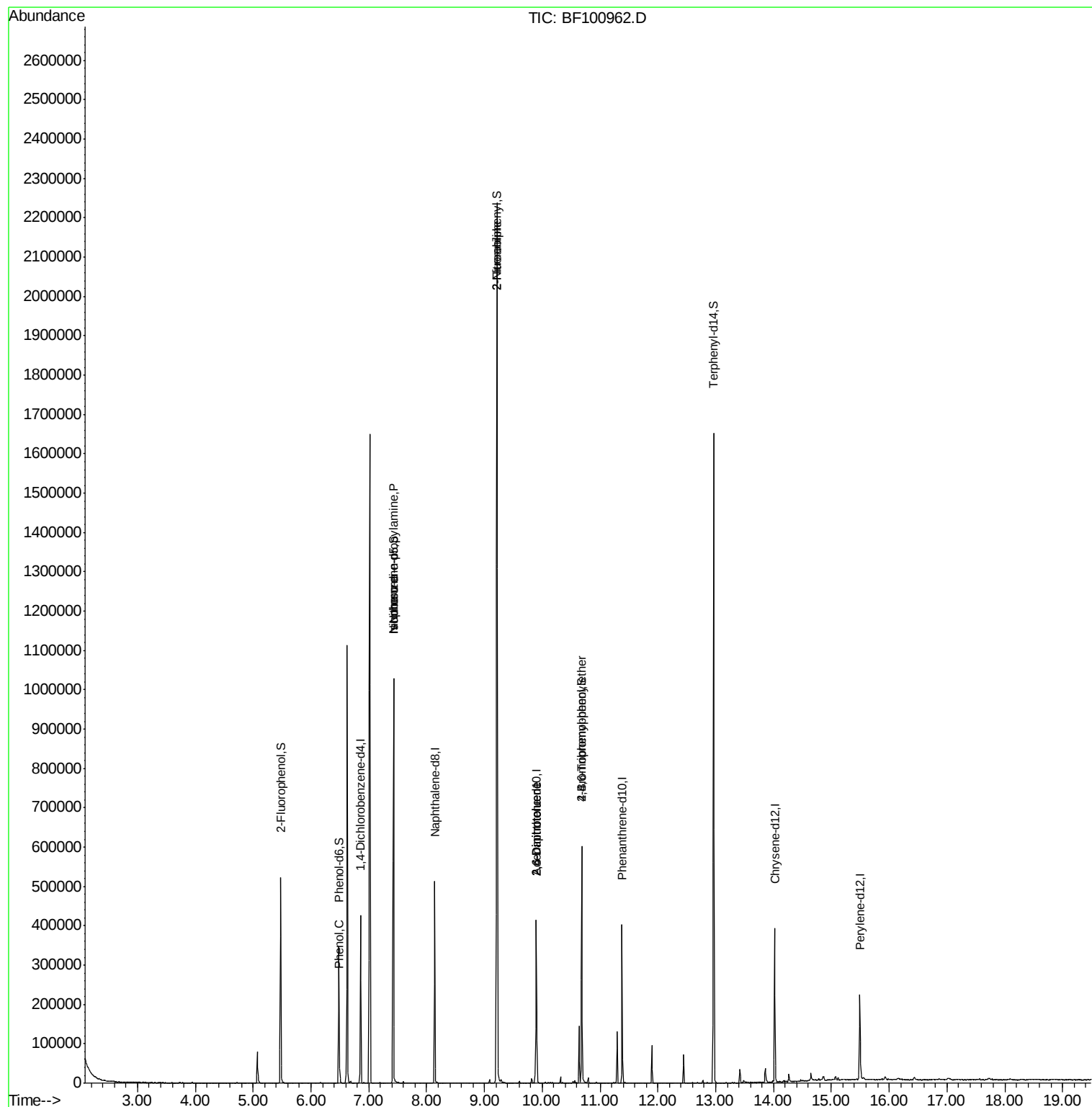
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	59452	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	212356	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	88133	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	148095	20.00	ng	0.00
75) Chrysene-d12	14.02	240	133221	20.00	ng	0.00
86) Perylene-d12	15.49	264	107838	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	136522	36.81	ng	0.00
7) Phenol-d6	6.48	99	99433	21.74	ng	-0.01
23) Nitrobenzene-d5	7.43	82	366338	114.05	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	82816	92.21	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	727577	125.71	ng	0.00
78) Terphenyl-d14	12.97	244	515710	88.95	ng	0.00
Target Compounds						
10) Phenol	6.49	94	10196	2.124	ng	94
19) n-Nitroso-di-n-propylamine	7.43	70	48266	15.218	ng	# 80
25) Isophorone	7.43	82	366332	54.273	ng	# 64
47) 2-Nitroaniline	9.22	65	744	3.213	ng	# 1
50) 2,6-Dinitrotoluene	9.89	165	11041	8.289	ng	# 24
56) 2,4-Dinitrotoluene	9.89	165	11041	6.571	ng	# 21
66) 4-Bromophenyl-phenylether	10.68	248	5469	3.445	ng	# 1

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112817\
Data File : BF100962.D
Acq On : 29 Nov 2017 4:51
Operator : SJ/JU
Sample : I6603-04
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 29 06:22:26 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 28 15:21:02 2017
Response via : Initial Calibration



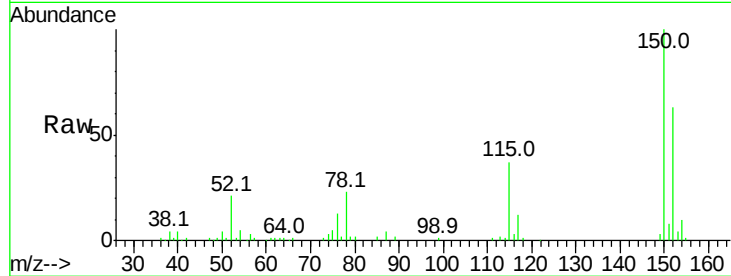


#1

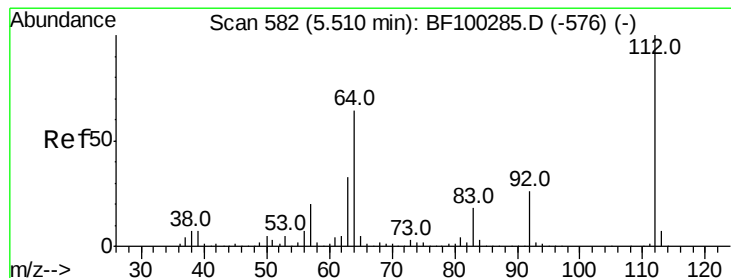
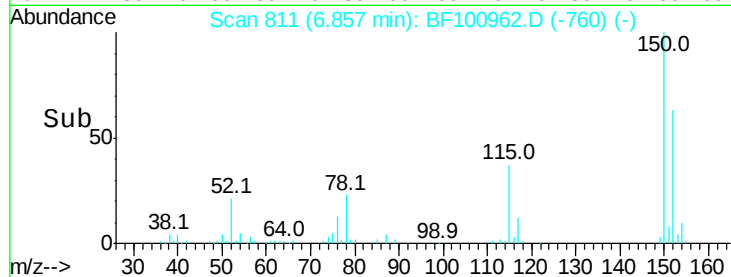
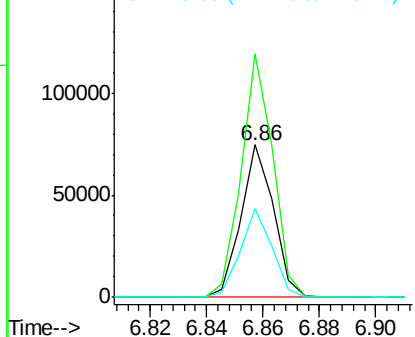
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: BF100962.D
 Acq: 29 Nov 2017 4:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 59452
 Ion Ratio Lower Upper
 152 100
 150 159.7 124.6 186.8
 115 58.3 50.1 75.1



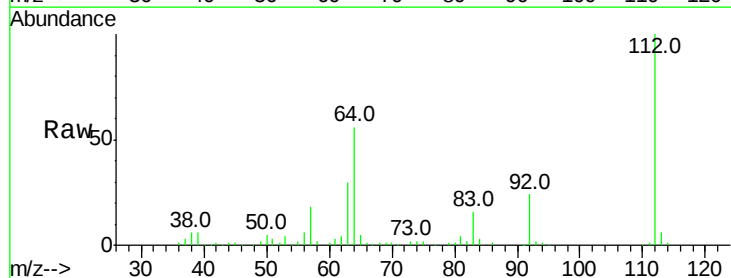
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



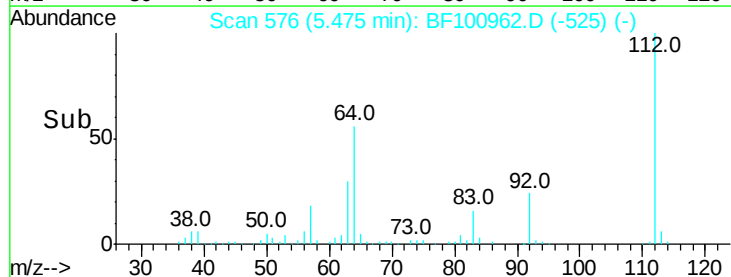
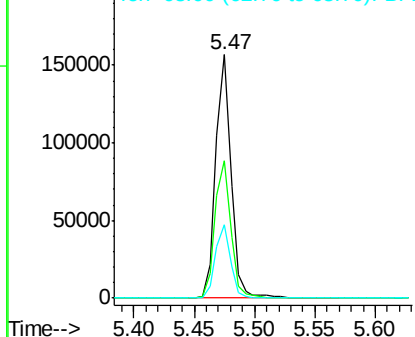
#5

2-Fluorophenol
 Concen: 36.810 ng
 RT: 5.47 min Scan# 576
 Delta R.T. 0.00 min
 Lab File: BF100962.D
 Acq: 29 Nov 2017 4:51

Tgt Ion:112 Resp: 136522
 Ion Ratio Lower Upper
 112 100
 64 56.2 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: 21.741 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF100962.D

Acq: 29 Nov 2017 4:51

Instrument :

BNA_F

ClientSampleId :

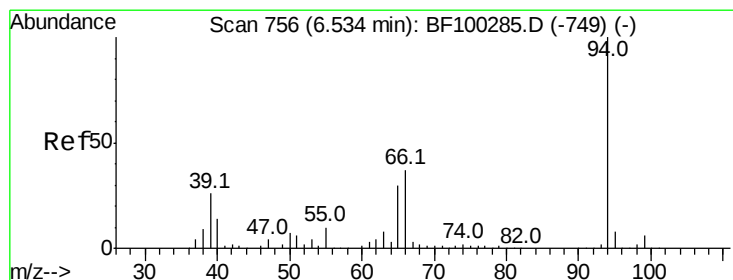
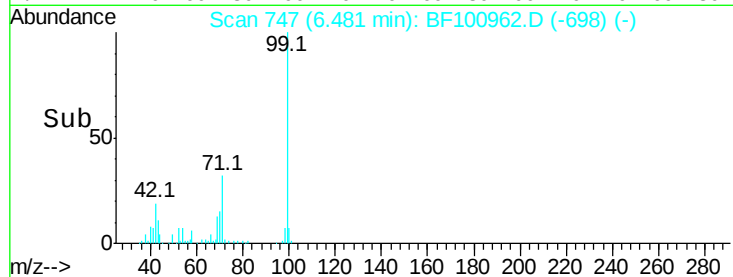
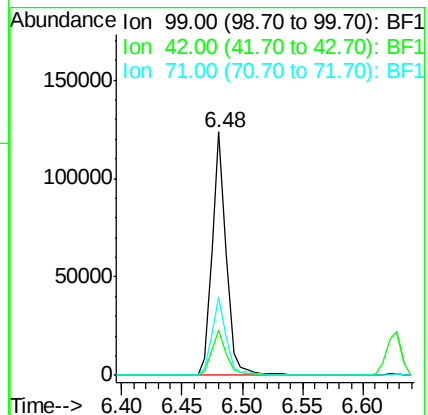
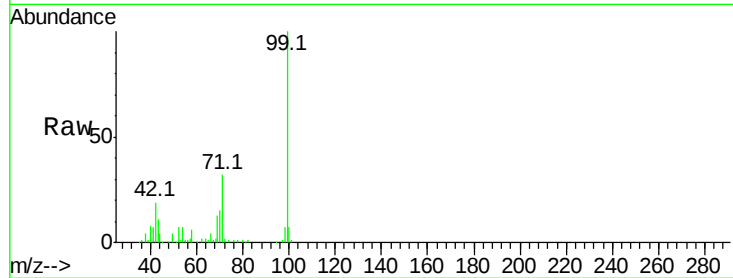
Tot Ion: 99 Resp: 99433

Ion Ratio Lower Upper

99 100

42 18.8 14.5 21.7

71 32.2 25.4 38.0



#10

Phenol

Concen: 2.124 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF100962.D

Acq: 29 Nov 2017 4:51

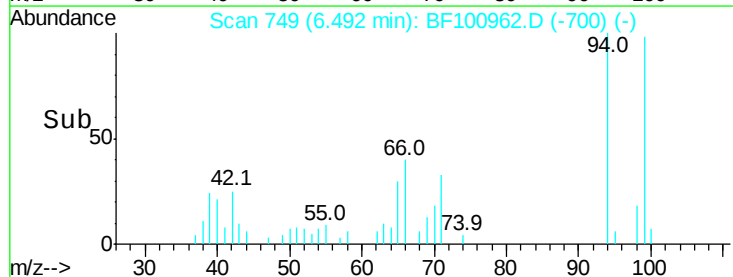
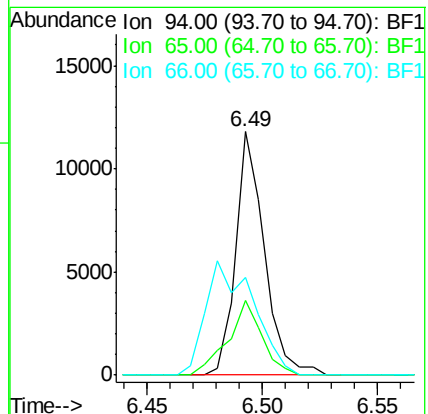
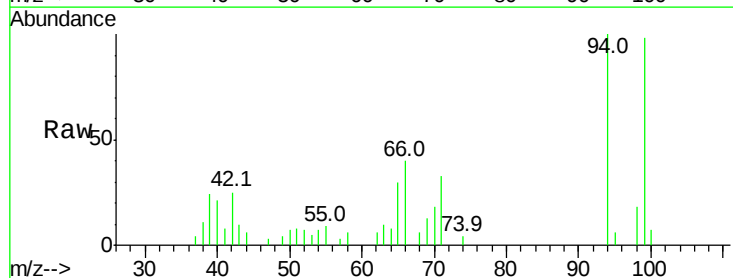
Tgt Ion: 94 Resp: 10196

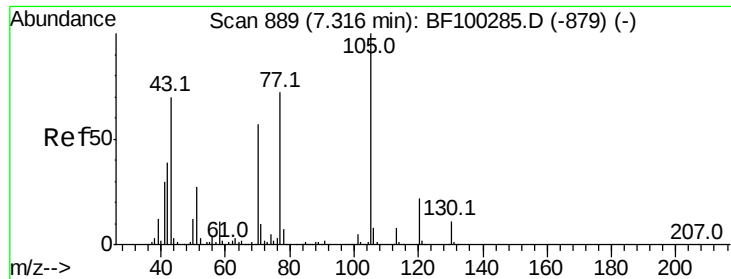
Ion Ratio Lower Upper

94 100

65 30.4 7.9 47.9

66 40.3 16.2 56.2

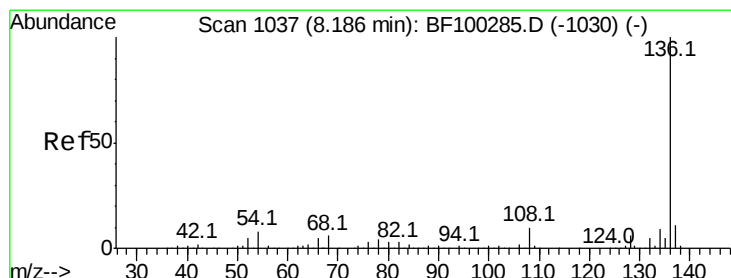
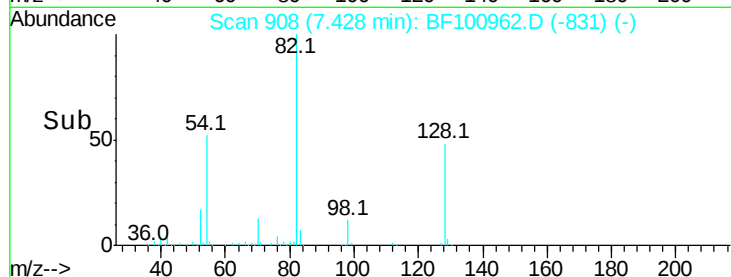
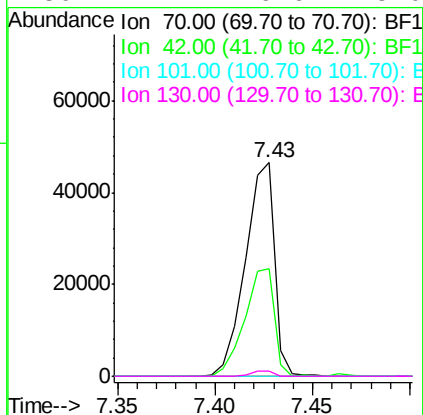
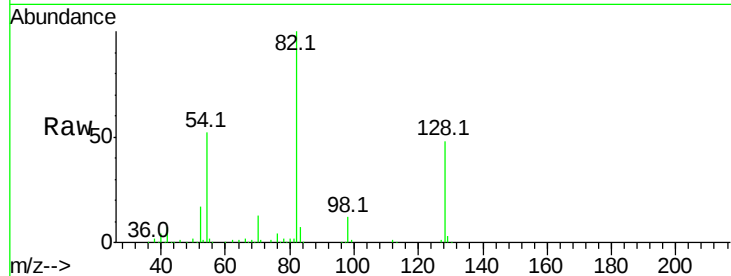




#19
n-Nitroso-di-n-propylamine
Concen: 15.218 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.15 min
Lab File: BF100962.D
Acq: 29 Nov 2017 4:51

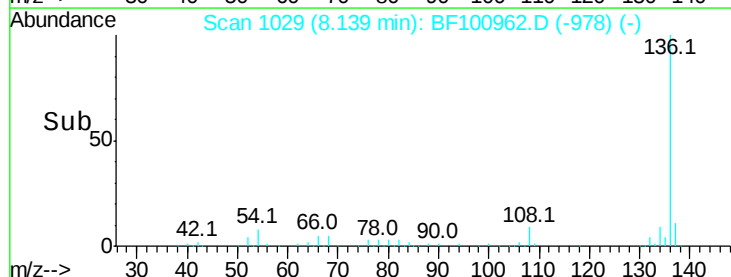
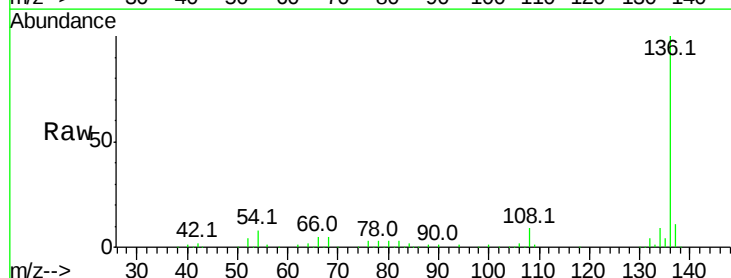
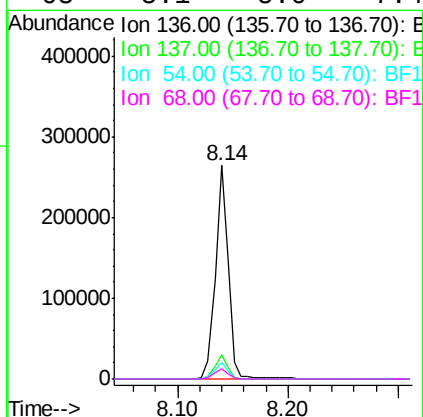
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 48266
Ion Ratio Lower Upper
70 100
42 50.5 47.5 71.3
101 0.0 7.4 11.2#
130 2.2 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF100962.D
Acq: 29 Nov 2017 4:51

Tgt Ion:136 Resp: 212356
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 7.9 6.6 9.8
68 5.1 5.0 7.4





#23

Nitrobenzene-d5

Concen: 114.053 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.00 min

Lab File: BF100962.D

Acq: 29 Nov 2017 4:51

Instrument :

BNA_F

ClientSampled :

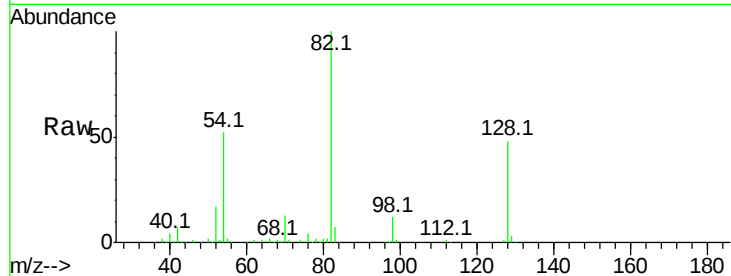
Tot Ion: 82 Resp: 366338

Ion Ratio Lower Upper

82 100

128 48.3 36.1 54.1

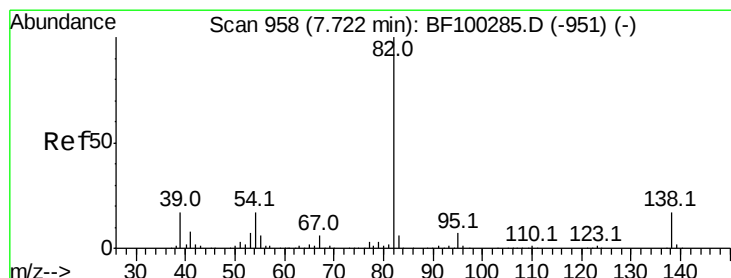
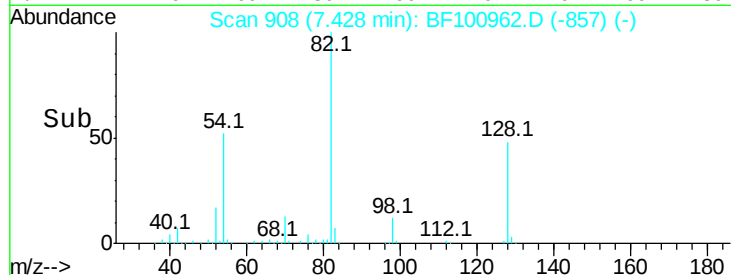
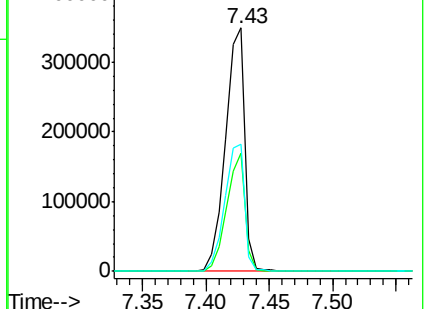
54 52.2 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#25

Isophorone

Concen: 54.273 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.25 min

Lab File: BF100962.D

Acq: 29 Nov 2017 4:51

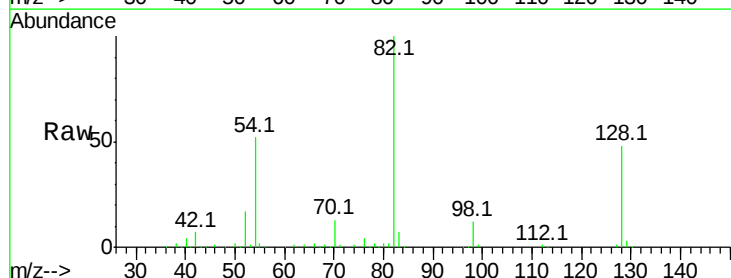
Tgt Ion: 82 Resp: 366332

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

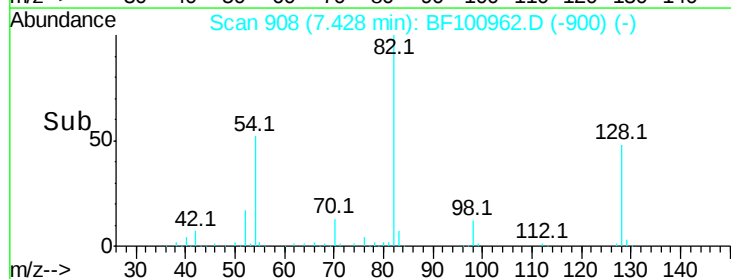
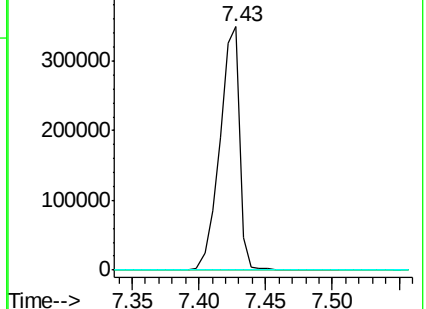
138 0.0 14.9 22.3#

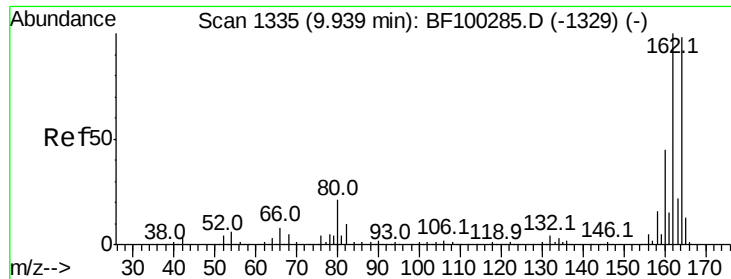


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

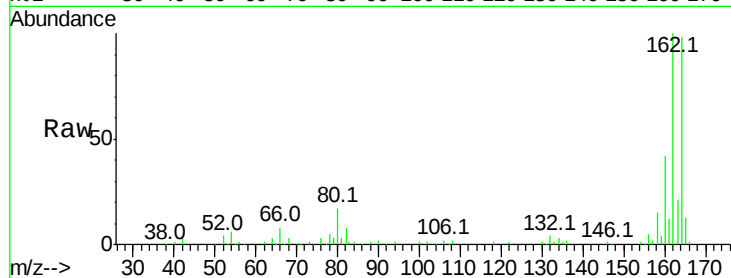




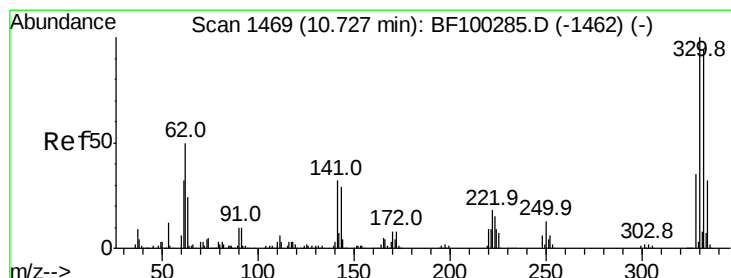
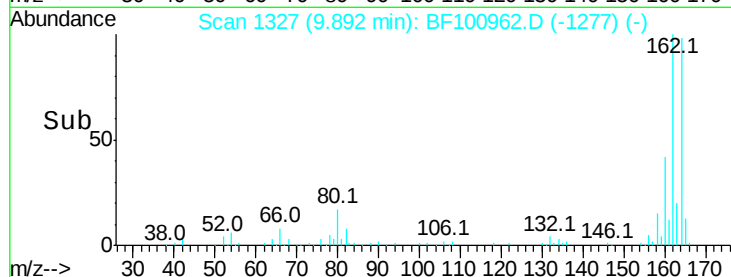
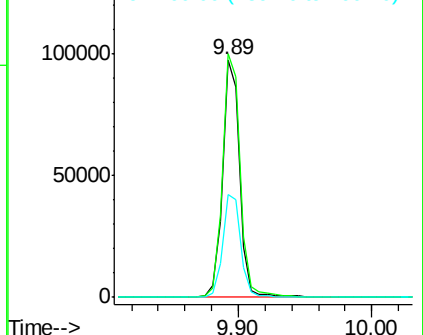
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: BF100962.D
 Acq: 29 Nov 2017 4:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 88133
 Ion Ratio Lower Upper
 164 100
 162 102.4 86.1 129.1
 160 43.1 38.3 57.5

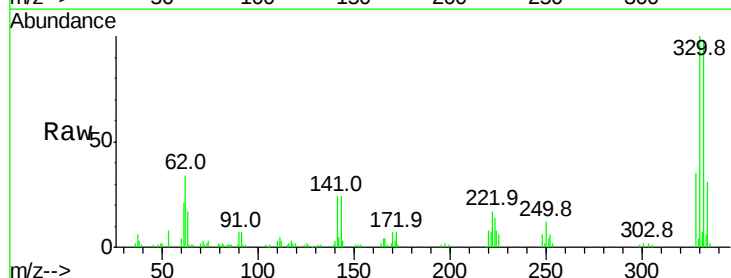


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

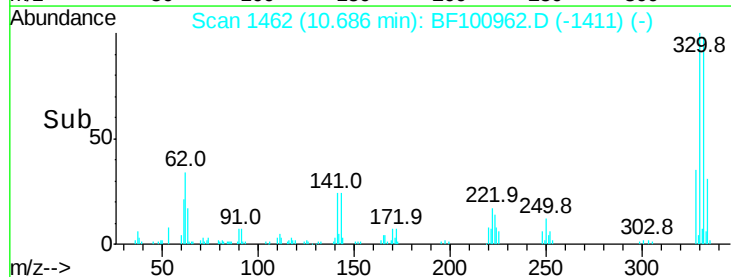
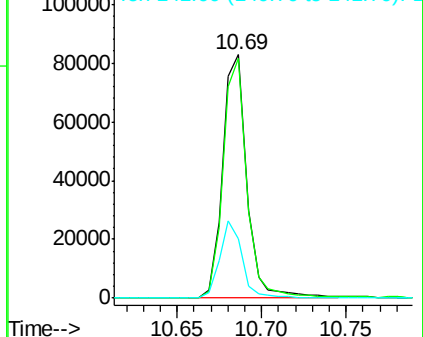


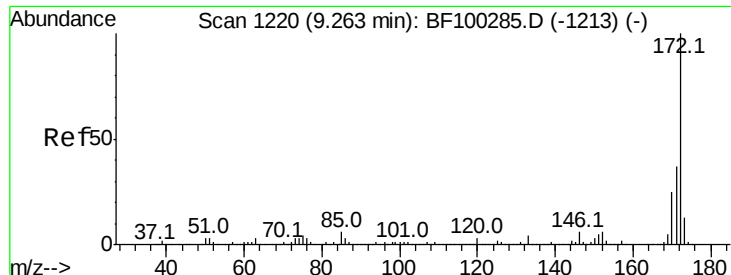
#41
 2,4,6-Tribromophenol
 Concen: 92.215 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. 0.00 min
 Lab File: BF100962.D
 Acq: 29 Nov 2017 4:51

Tgt Ion:330 Resp: 82816
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.0 115.6
 141 29.4 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

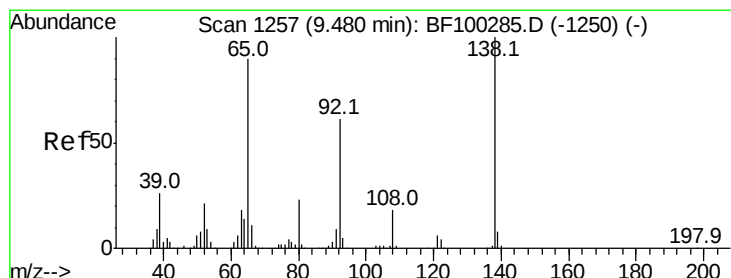
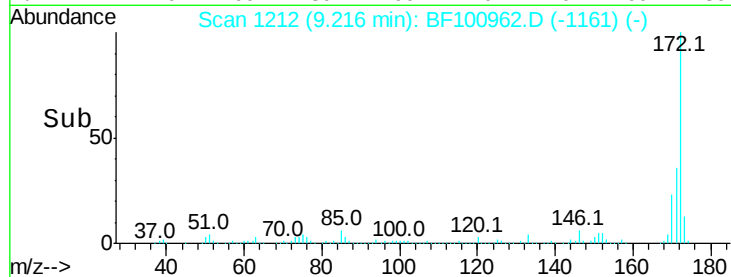
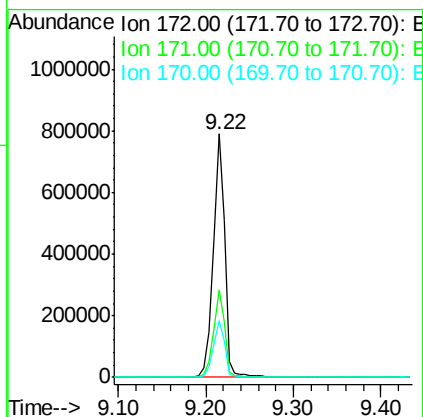
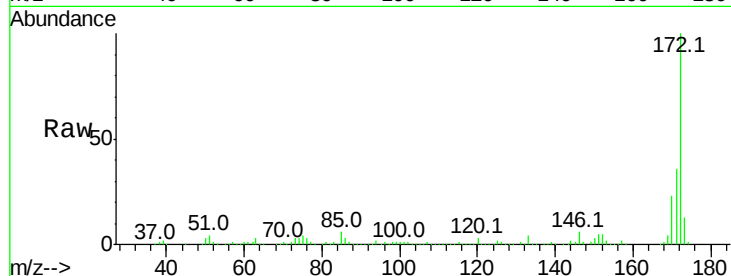




#44
 2-Fluorobiphenyl
 Concen: 125.707 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BF100962.D
 Acq: 29 Nov 2017 4:51

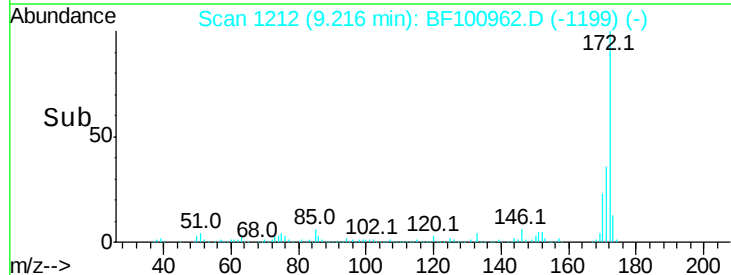
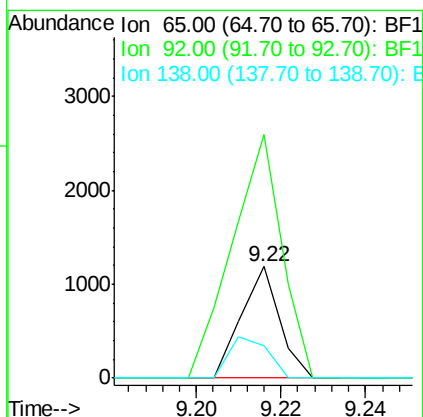
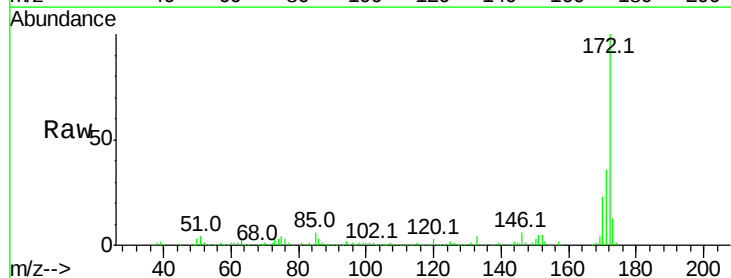
Instrument :
 BNA_F
 ClientSampled :

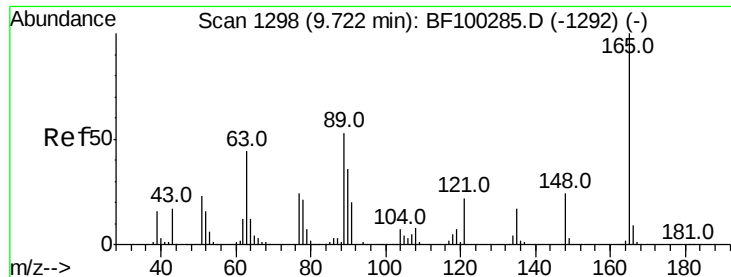
Tot Ion:172 Resp: 727577
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.7 44.5
 170 23.4 19.6 29.4



#47
 2-Nitroaniline
 Concen: 3.213 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.22 min
 Lab File: BF100962.D
 Acq: 29 Nov 2017 4:51

Tgt Ion: 65 Resp: 744
 Ion Ratio Lower Upper
 65 100
 92 219.0 55.8 83.6#
 138 29.2 91.2 136.8#

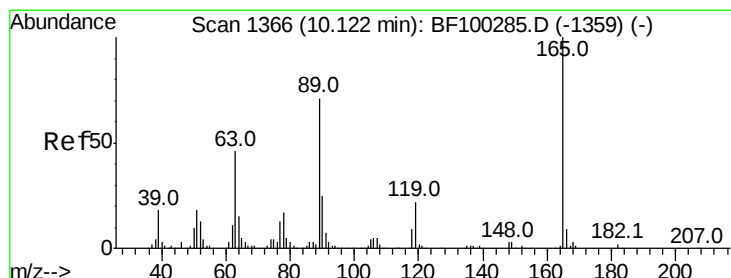
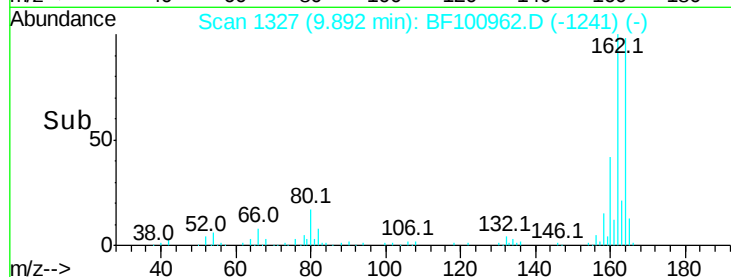
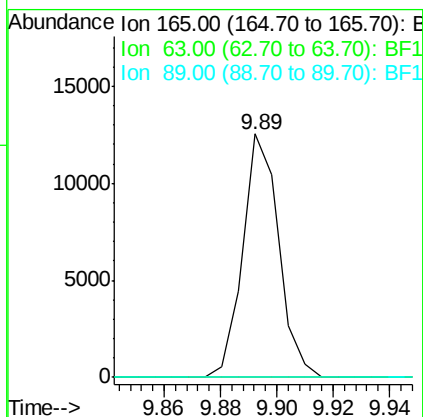
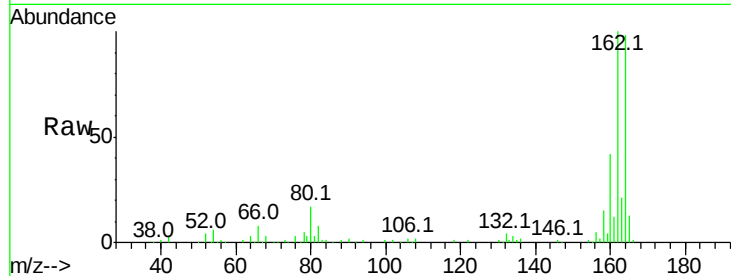




#50
 2,6-Dinitrotoluene
 Concen: 8.289 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.21 min
 Lab File: BF100962.D
 Acq: 29 Nov 2017 4:51

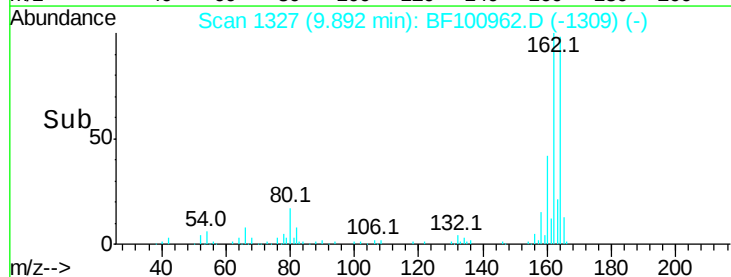
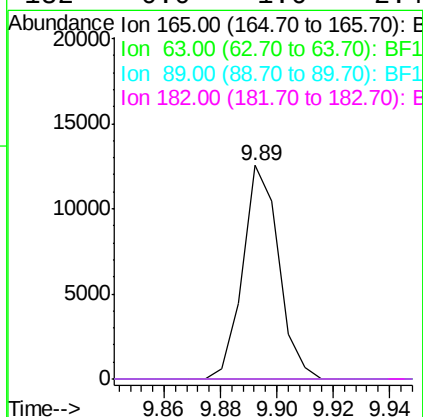
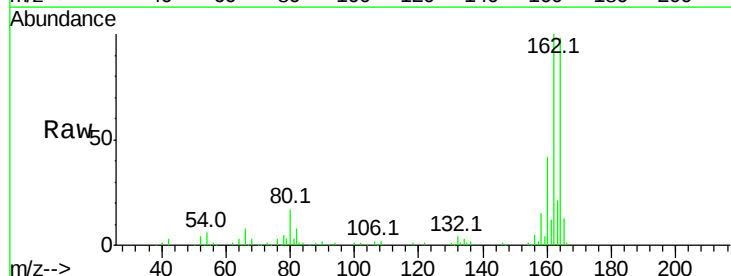
Instrument :
 BNA_F
 ClientSampleId :

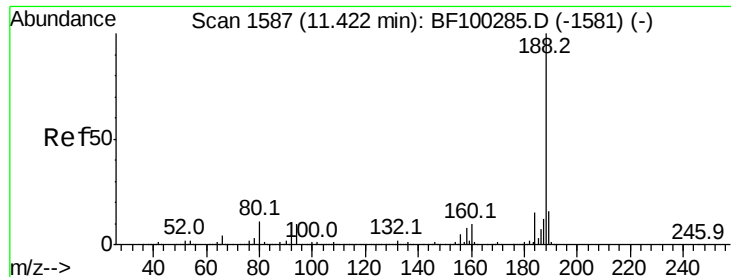
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.571 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.19 min
 Lab File: BF100962.D
 Acq: 29 Nov 2017 4:51

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#

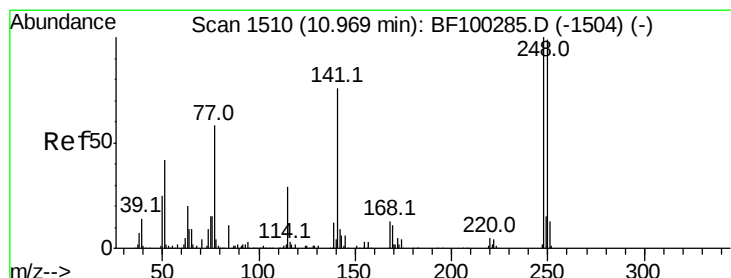
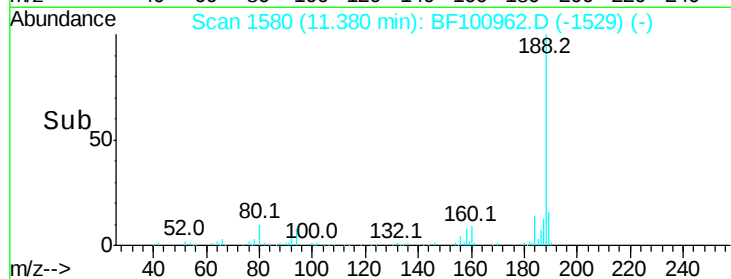
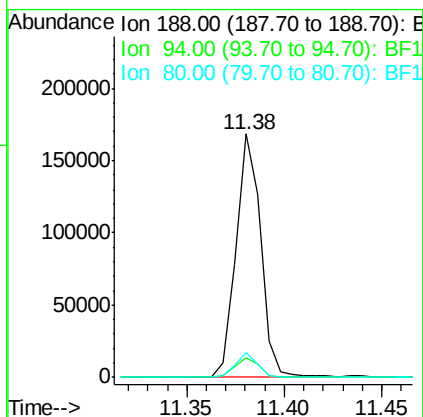
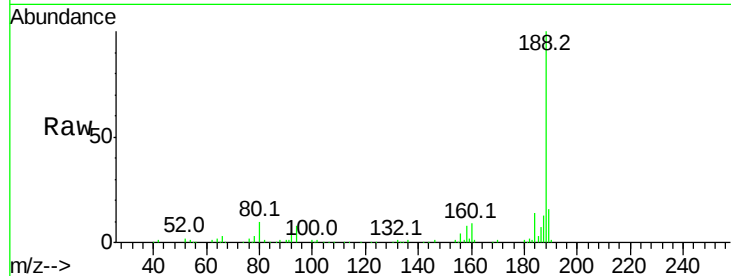




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BF100962.D
Acq: 29 Nov 2017 4:51

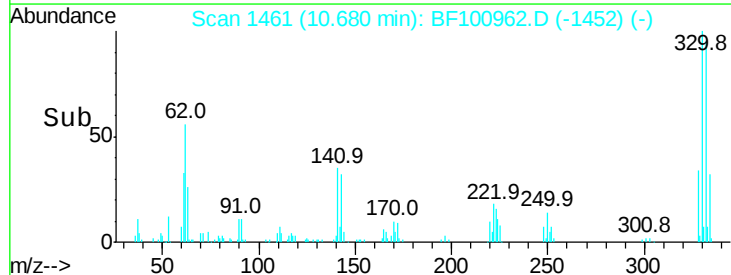
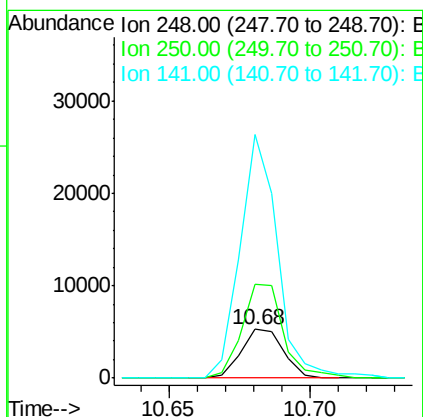
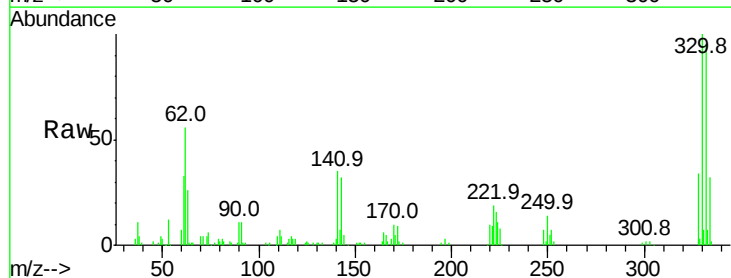
Instrument :
BNA_F
ClientSampled :

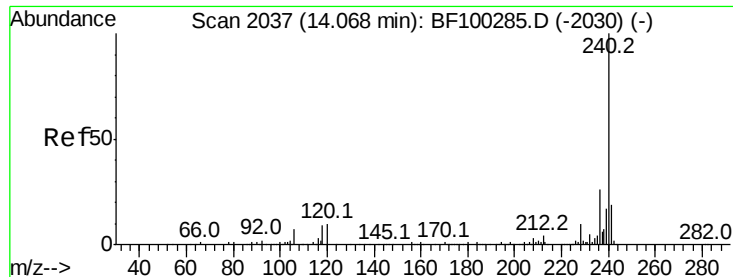
Tot Ion:188 Resp: 148095
Ion Ratio Lower Upper
188 100
94 8.2 8.5 12.7#
80 10.0 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 3.445 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.25 min
Lab File: BF100962.D
Acq: 29 Nov 2017 4:51

Tgt Ion:248 Resp: 5469
Ion Ratio Lower Upper
248 100
250 194.1 76.9 115.3#
141 500.9 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF100962.D

Acq: 29 Nov 2017 4:51

Instrument :

BNA_F

ClientSampleId :

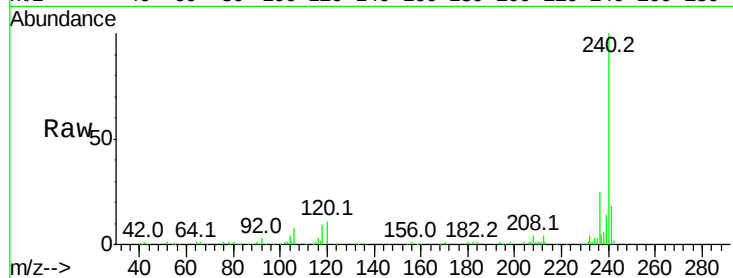
Tot Ion:240 Resp: 133221

Ion Ratio Lower Upper

240 100

120 10.8 9.5 14.3

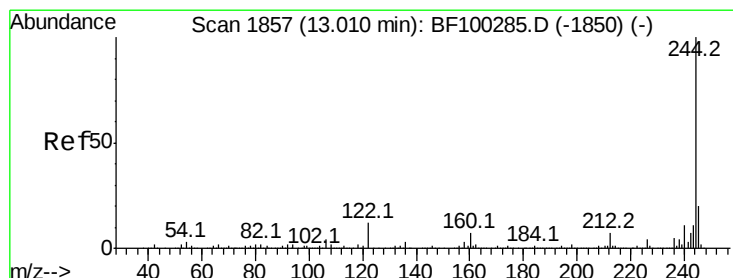
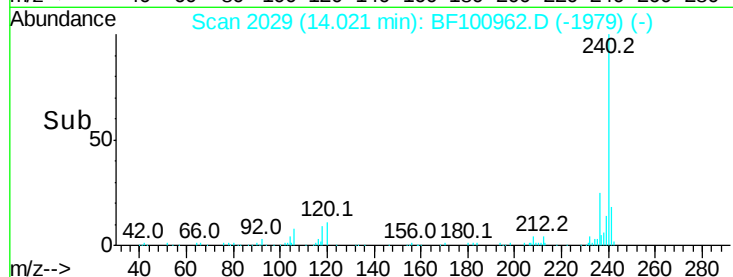
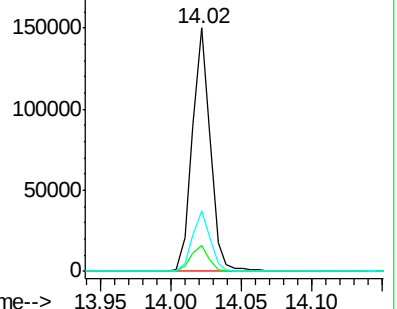
236 25.0 20.7 31.1



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: 88.946 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.00 min

Lab File: BF100962.D

Acq: 29 Nov 2017 4:51

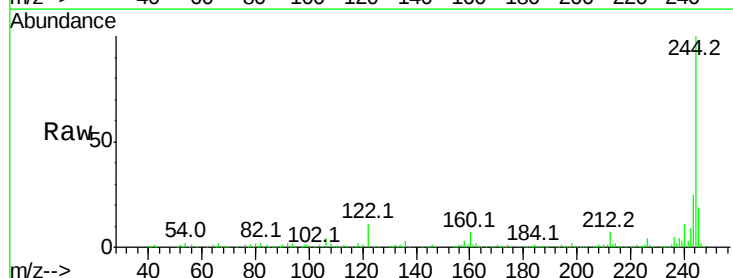
Tgt Ion:244 Resp: 515710

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

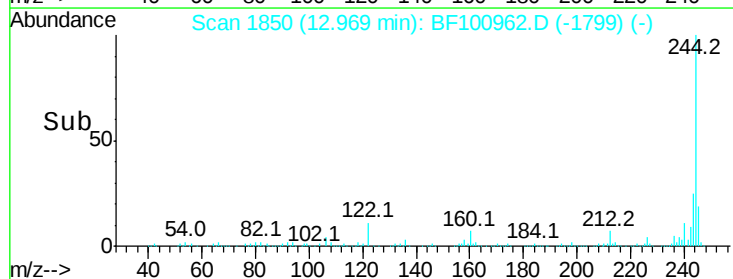
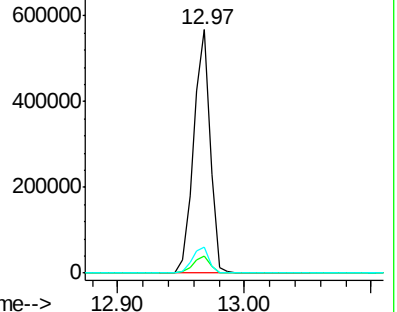
122 10.5 11.0 16.4#

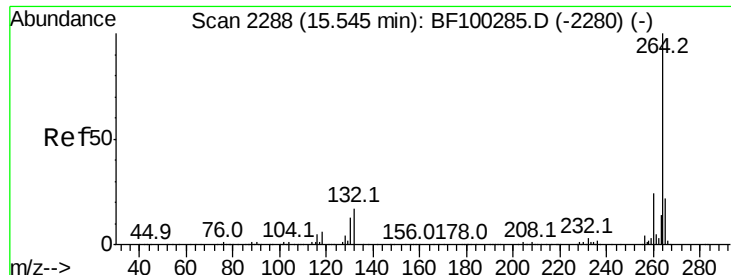


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

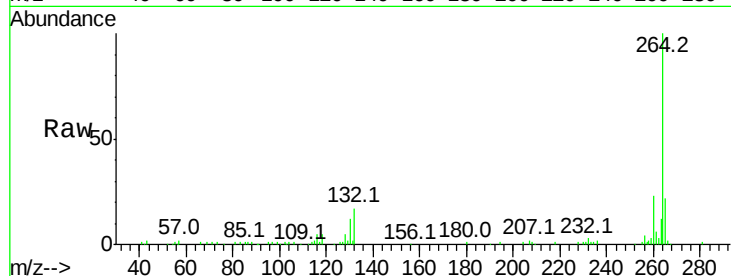




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: BF100962.D
 Acq: 29 Nov 2017 4:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.7	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

