

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF120717\
 Data File : BF101232.D
 Acq On : 8 Dec 2017 4:20
 Operator : SJ/JU
 Sample : I6732-05
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 08 05:09:34 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

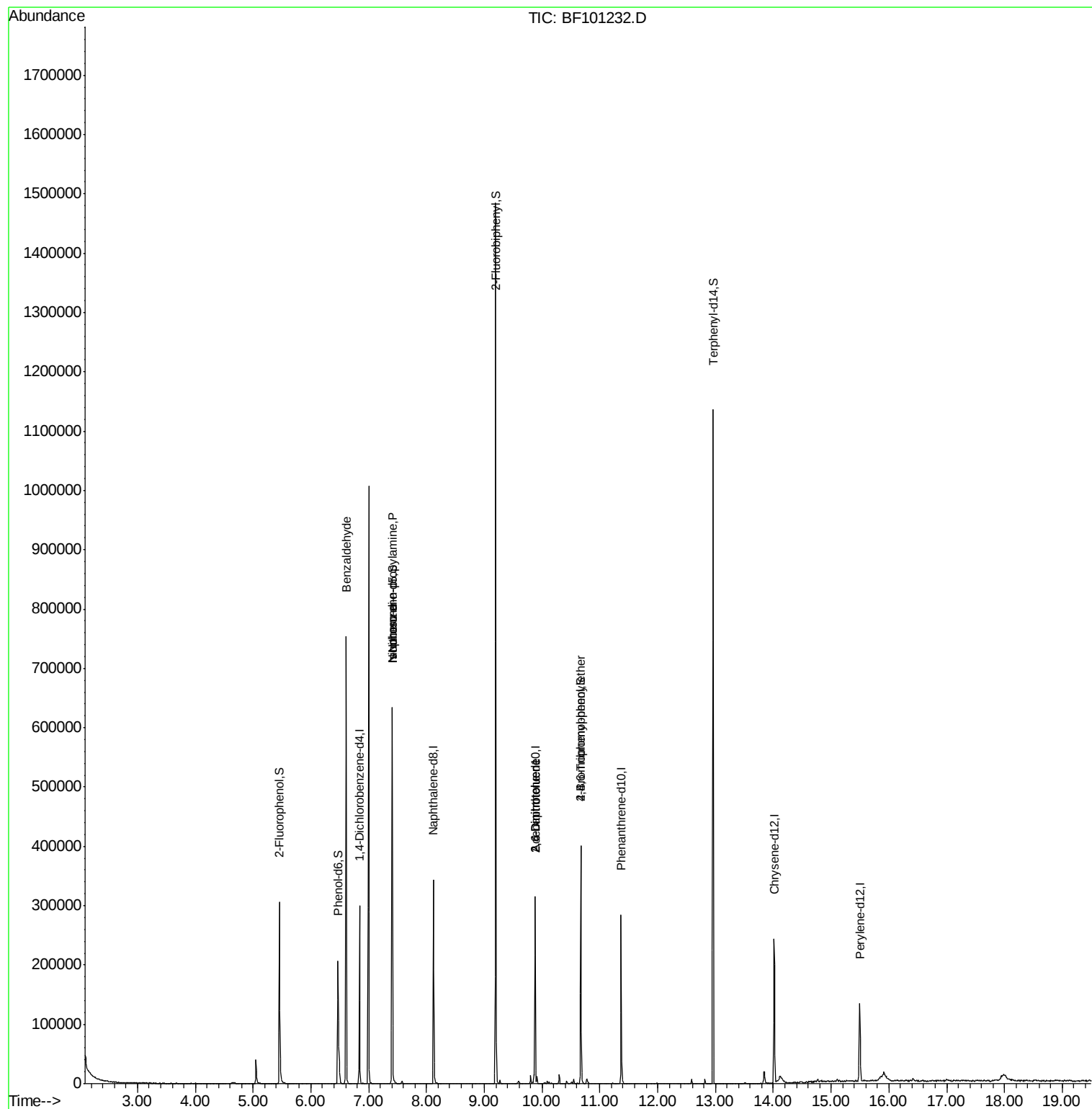
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	41012	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	148567	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	59346	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	100923	20.00	ng	0.00
75) Chrysene-d12	14.02	240	86368	20.00	ng	0.00
86) Perylene-d12	15.50	264	66978	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	99362	40.03	ng	0.00
7) Phenol-d6	6.47	99	71716	23.80	ng	-0.01
23) Nitrobenzene-d5	7.41	82	212995	85.52	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	49798	69.85	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	446886	103.03	ng	-0.01
78) Terphenyl-d14	12.96	244	345125	87.40	ng	0.00
Target Compounds						
9) Benzaldehyde	6.61	77	3778	2.049	ng	# 80
19) n-Nitroso-di-n-propylamine	7.41	70	28062	13.828	ng	# 83
25) Isophorone	7.41	82	213025	50.075	ng	# 64
50) 2,6-Dinitrotoluene	9.88	165	7971	7.907	ng	# 24
56) 2,4-Dinitrotoluene	9.88	165	7971	5.900	ng	# 21
66) 4-Bromophenyl-phenylether	10.67	248	3204	2.836	ng	# 1

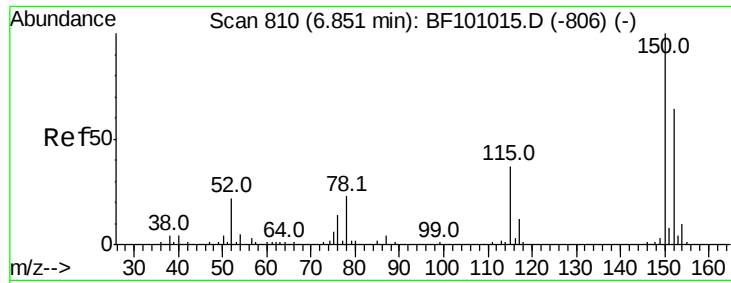
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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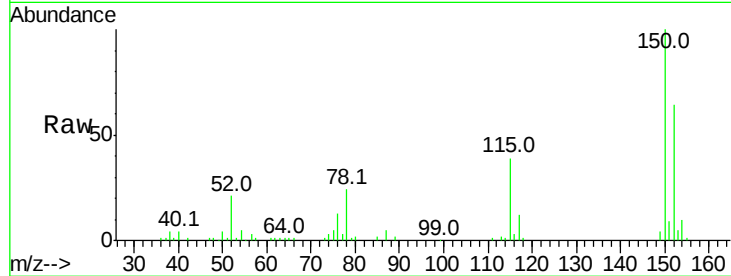


#1

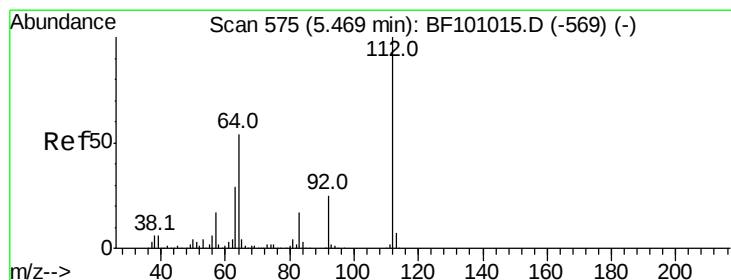
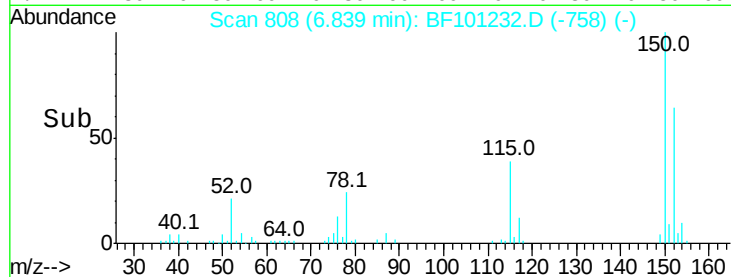
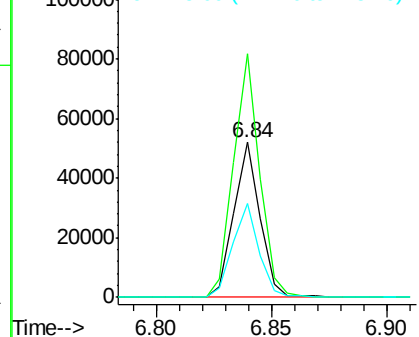
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF101232.D
Acq: 8 Dec 2017 4:20

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 41012
Ion Ratio Lower Upper
152 100
150 156.8 124.6 186.8
115 60.8 50.1 75.1



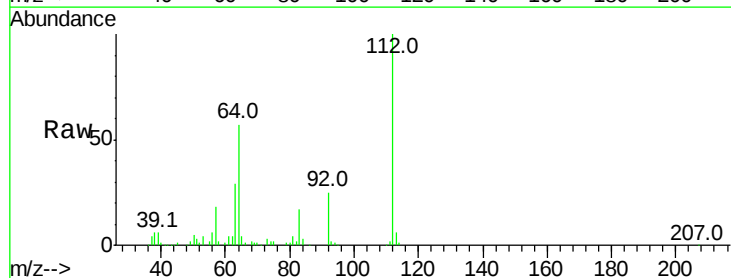
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



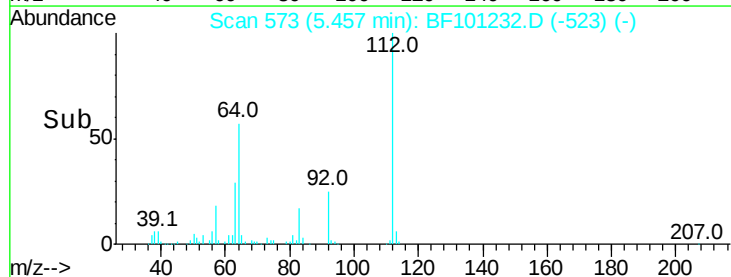
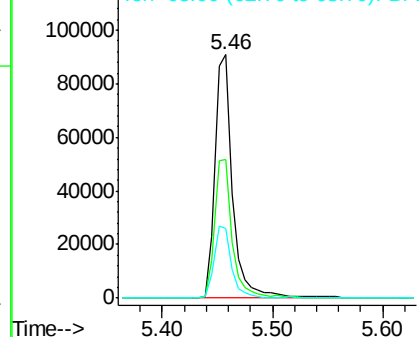
#5

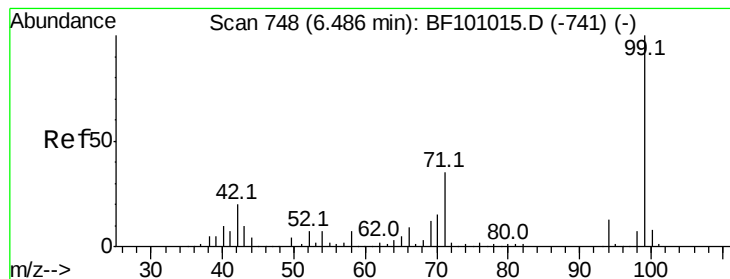
2-Fluorophenol
Concen: 40.035 ng
RT: 5.46 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF101232.D
Acq: 8 Dec 2017 4:20

Tgt Ion:112 Resp: 99362
Ion Ratio Lower Upper
112 100
64 56.9 47.9 71.9
63 28.6 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: 23.800 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF101232.D

Acq: 8 Dec 2017 4:20

Instrument :

BNA_F

ClientSampled :

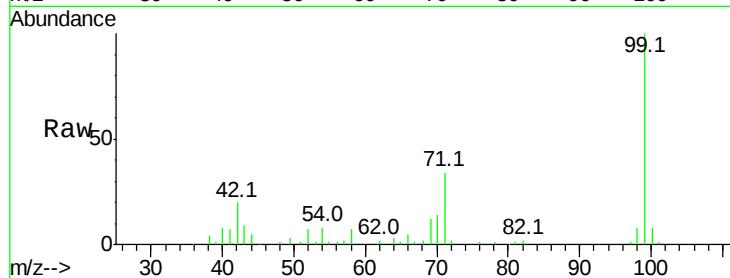
Tot Ion: 99 Resp: 71716

Ion Ratio Lower Upper

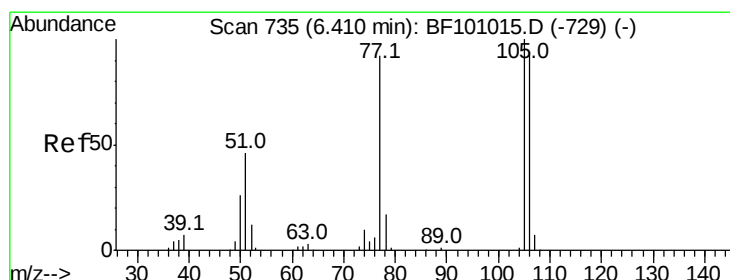
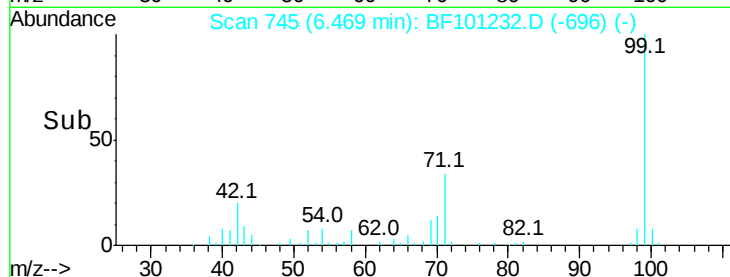
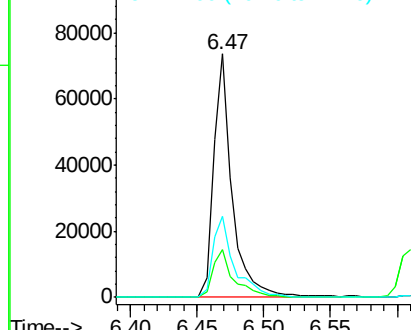
99 100

42 19.8 14.5 21.7

71 33.5 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: 2.049 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.21 min

Lab File: BF101232.D

Acq: 8 Dec 2017 4:20

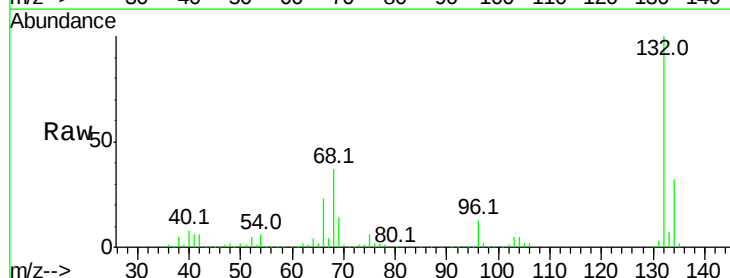
Tgt Ion: 77 Resp: 3778

Ion Ratio Lower Upper

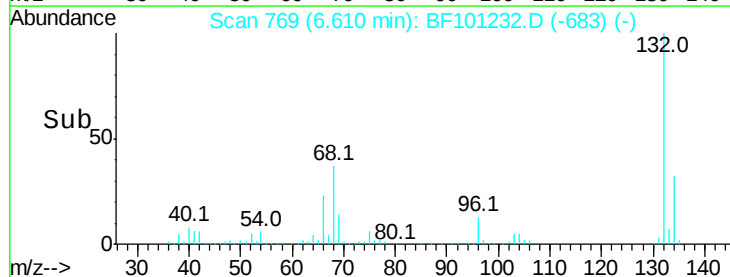
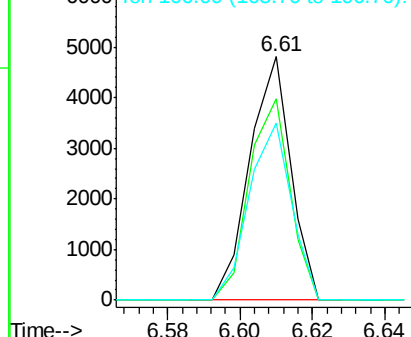
77 100

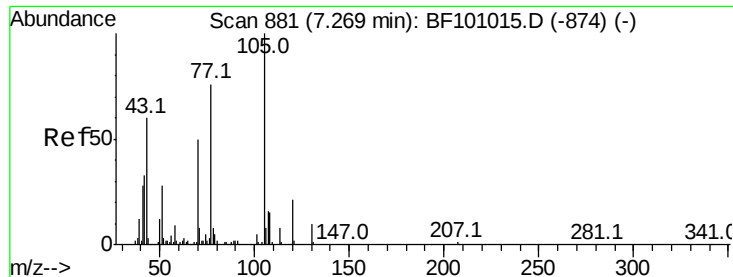
105 82.6 81.1 121.1

106 72.9 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

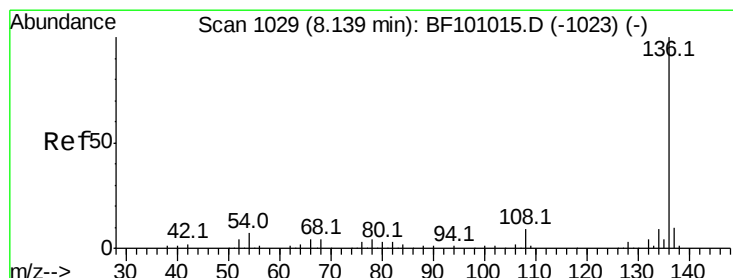
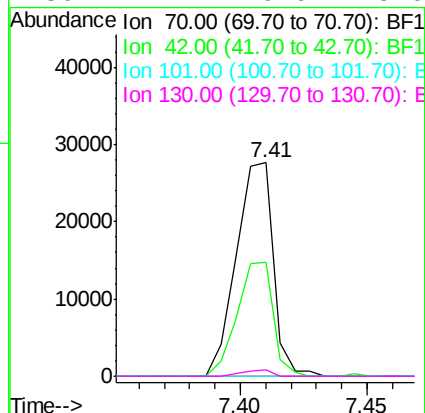
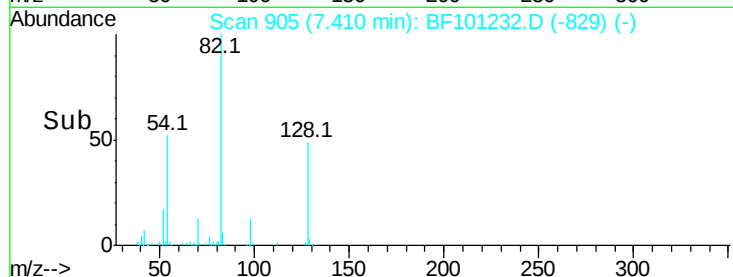
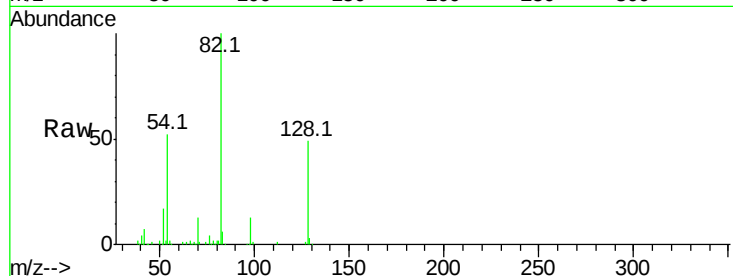




#19
n-Nitroso-di-n-propylamine
Concen: 13.828 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.15 min
Lab File: BF101232.D
Acq: 8 Dec 2017 4:20

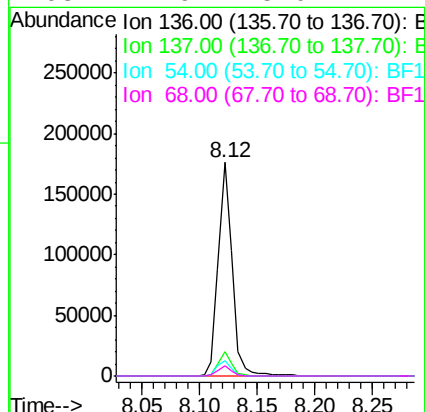
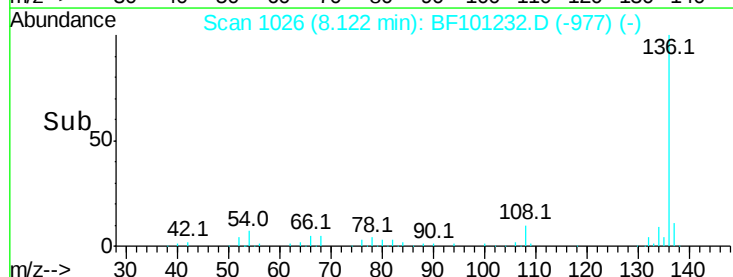
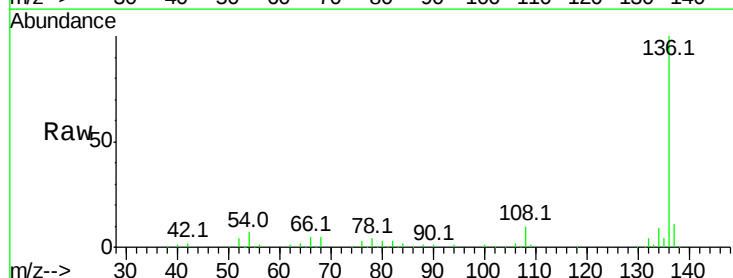
Instrument :
BNA_F
ClientSampleId :

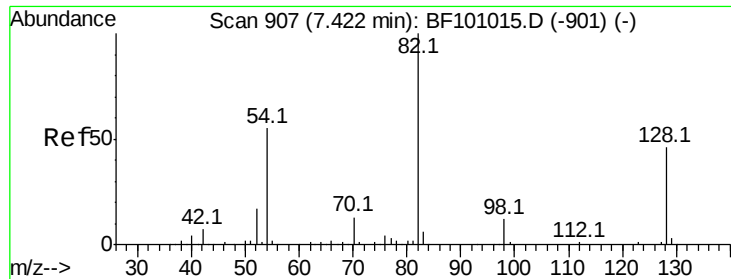
Tot Ion: 70 Resp: 28062
Ion Ratio Lower Upper
70 100
42 53.2 47.5 71.3
101 0.0 7.4 11.2#
130 2.7 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF101232.D
Acq: 8 Dec 2017 4:20

Tgt Ion:136 Resp: 148567
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 7.3 6.6 9.8
68 4.6 5.0 7.4#

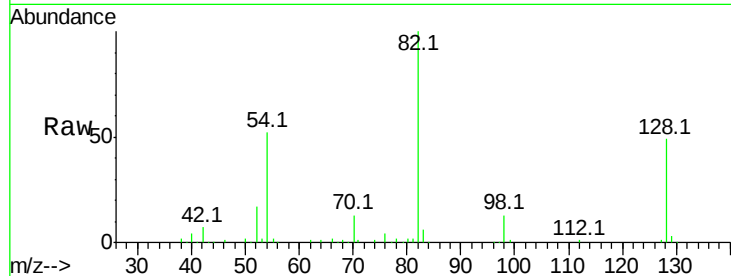




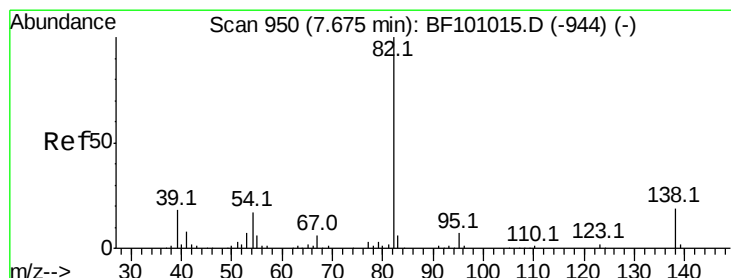
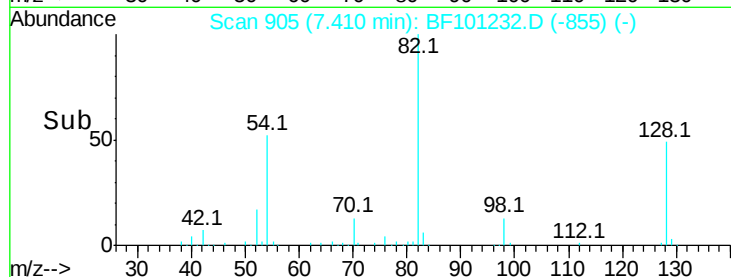
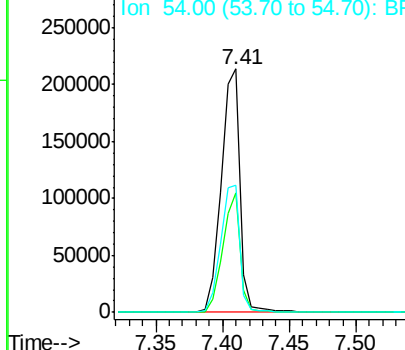
#23
 Nitrobenzene-d5
 Concen: 85.522 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF101232.D
 Acq: 8 Dec 2017 4:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	212995
Ion Ratio	100	Lower	Upper
128	49.1	36.1	54.1
54	52.2	41.4	62.2

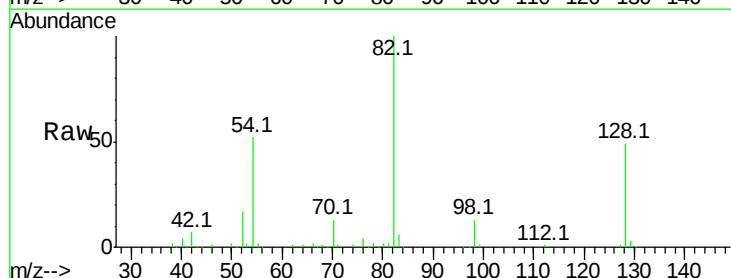


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

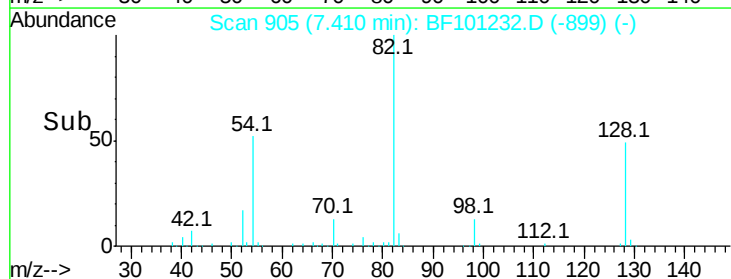
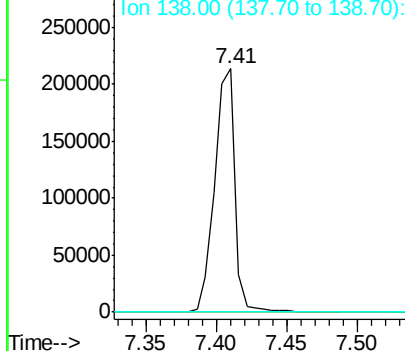


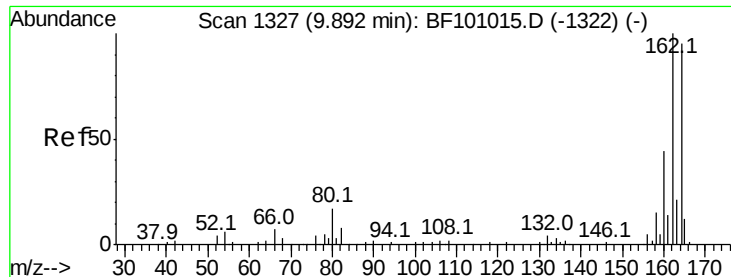
#25
 Isophorone
 Concen: 50.075 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.26 min
 Lab File: BF101232.D
 Acq: 8 Dec 2017 4:20

Tgt Ion	82	Resp	213025
Ion Ratio	100	Lower	Upper
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

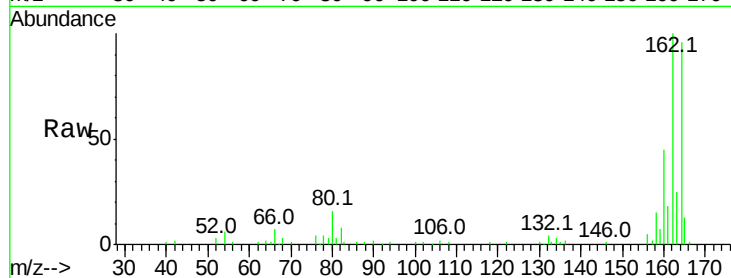




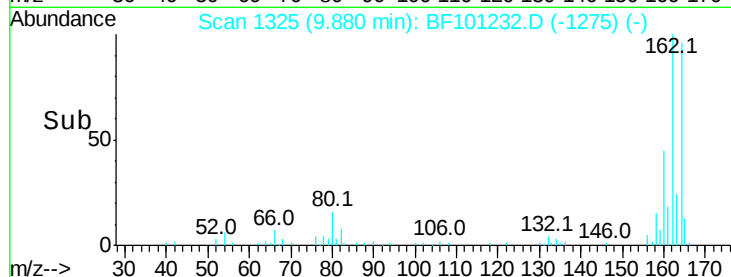
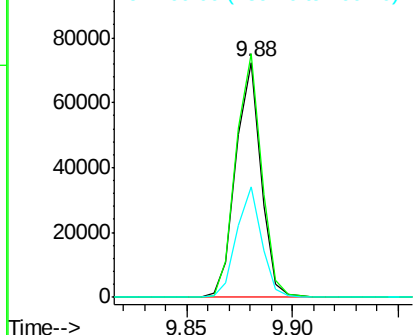
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BF101232.D
 Acq: 8 Dec 2017 4:20

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:164 Resp: 59346
 Ion Ratio Lower Upper
 164 100
 162 103.8 86.1 129.1
 160 47.2 38.3 57.5

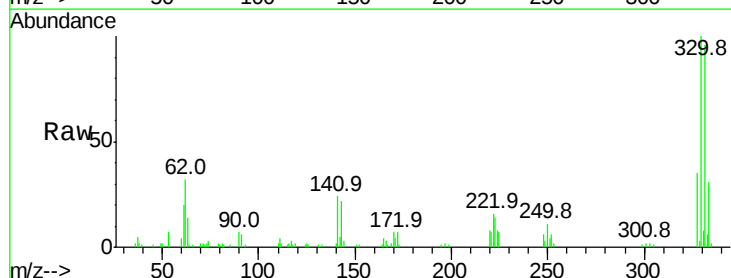


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

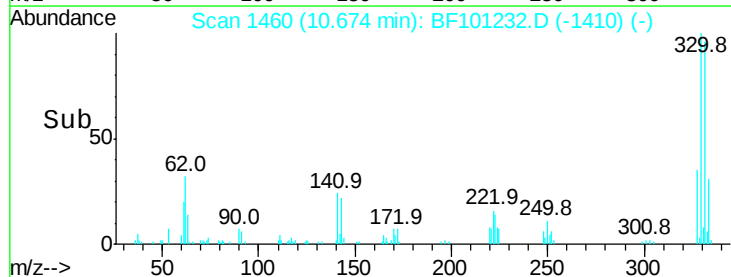
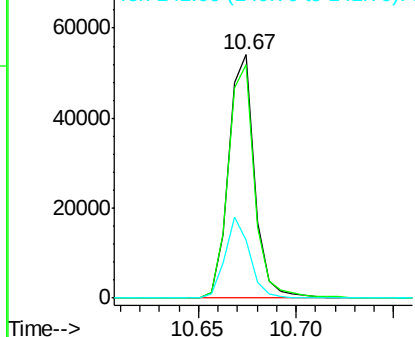


#41
 2,4,6-Tribromophenol
 Concen: 69.851 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF101232.D
 Acq: 8 Dec 2017 4:20

Tgt Ion:330 Resp: 49798
 Ion Ratio Lower Upper
 330 100
 332 98.0 77.0 115.6
 141 31.6 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

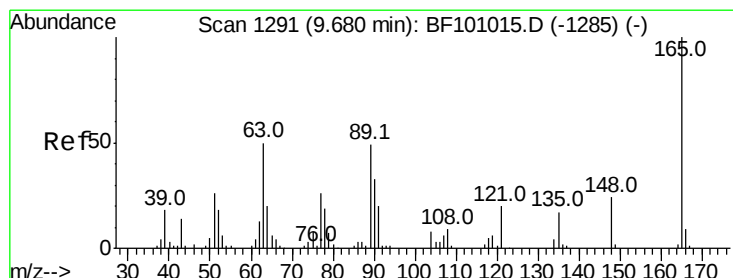
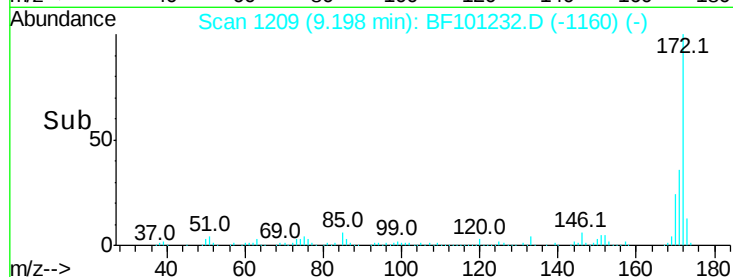
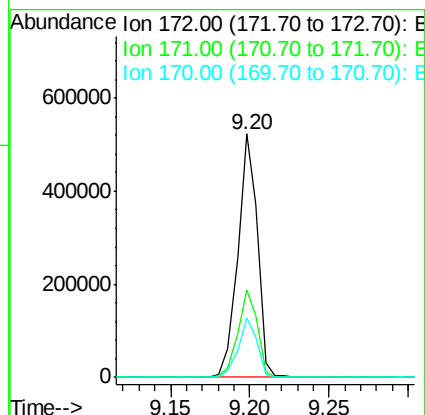
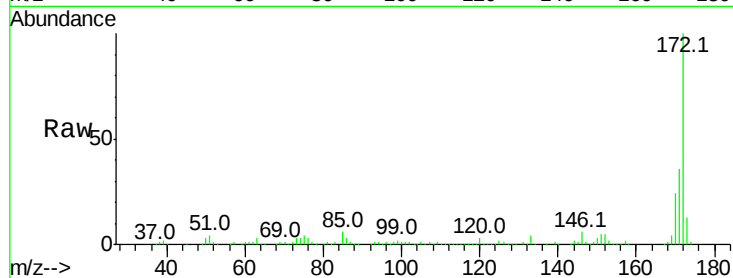




#44
 2-Fluorobiphenyl
 Concen: 103.028 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF101232.D
 Acq: 8 Dec 2017 4:20

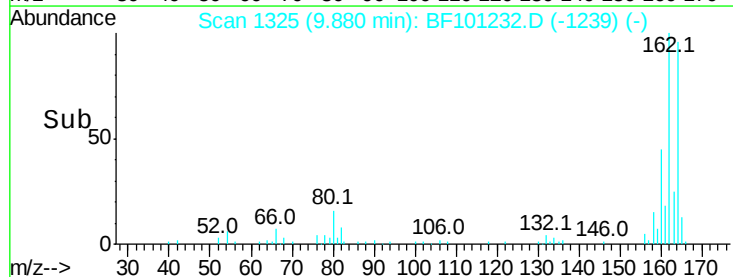
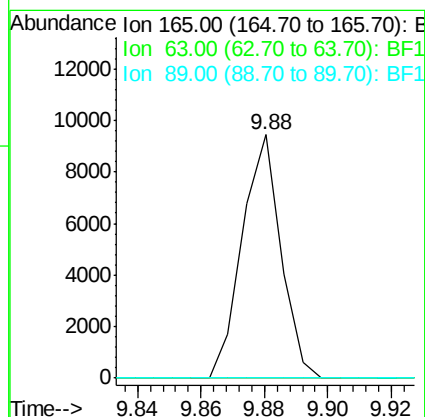
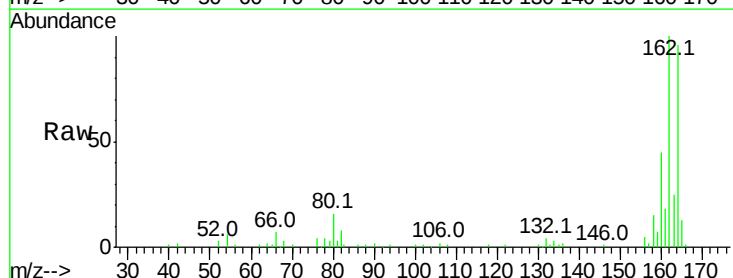
Instrument :
 BNA_F
 ClientSampleId :

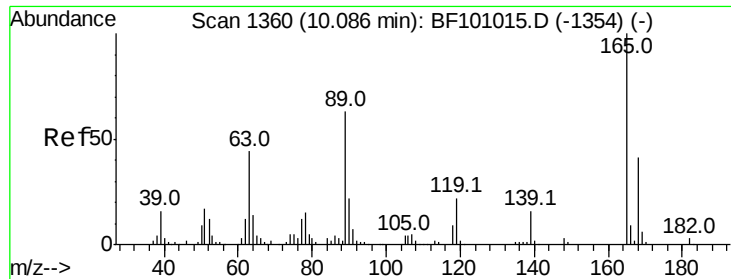
Tot Ion:172 Resp: 446886
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 24.4 19.6 29.4



#50
 2,6-Dinitrotoluene
 Concen: 7.907 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. 0.21 min
 Lab File: BF101232.D
 Acq: 8 Dec 2017 4:20

Tgt Ion:165 Resp: 7971
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 0.0 44.0 66.0#

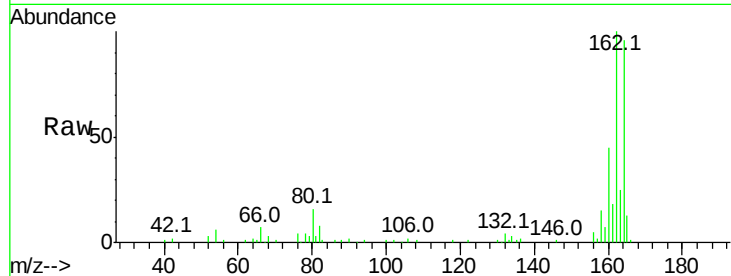




#56
 2,4-Dinitrotoluene
 Concen: 5.900 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.20 min
 Lab File: BF101232.D
 Acq: 8 Dec 2017 4:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	7971
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#

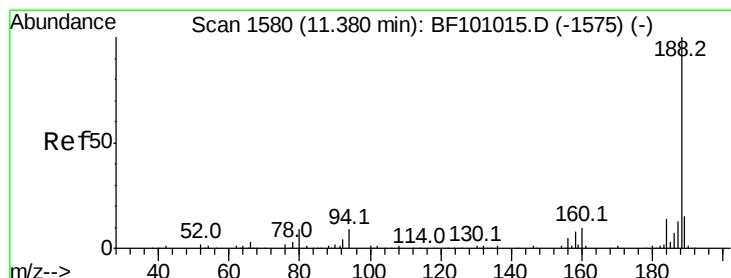
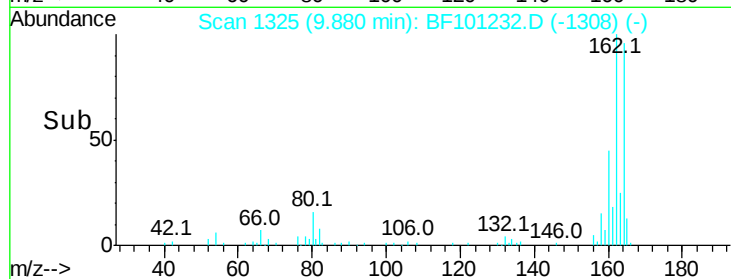
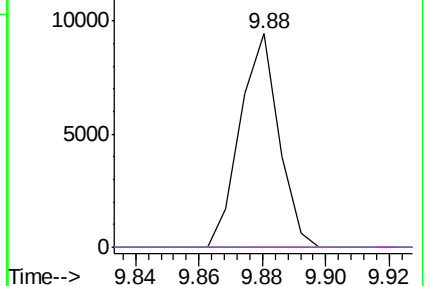


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

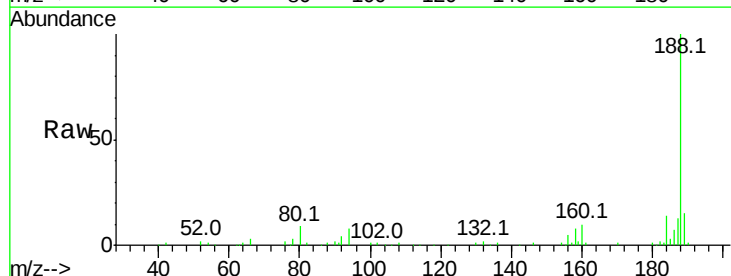
Ion 89.00 (88.70 to 89.70): BF1

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: BF101232.D
 Acq: 8 Dec 2017 4:20

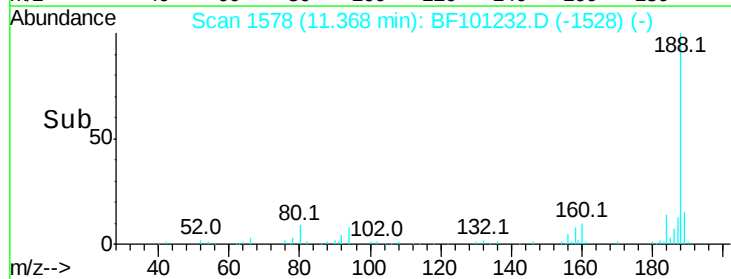
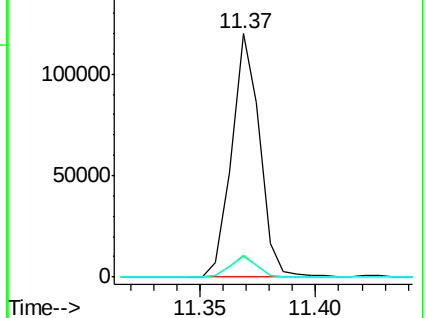
Tgt Ion:188	Resp:	100923
Ion Ratio	Lower	Upper
188	100	
94	8.4	8.5 12.7#
80	9.0	9.2 13.8#

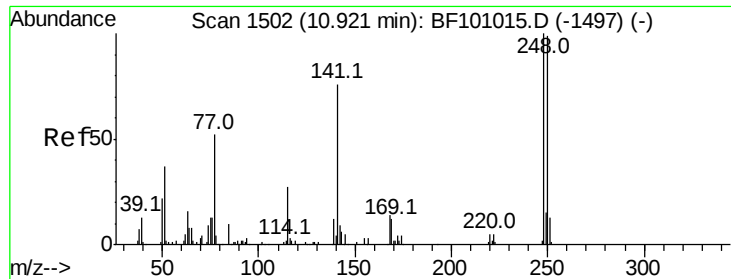


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

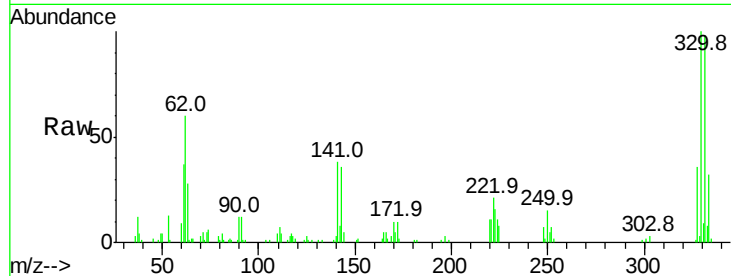




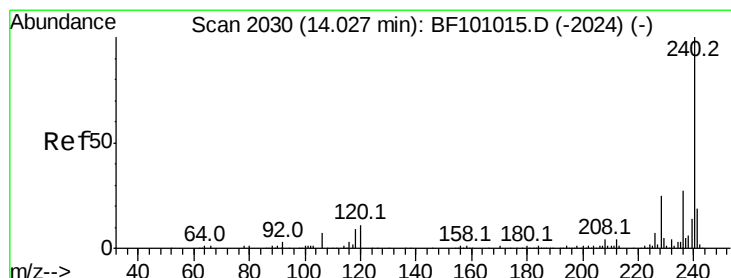
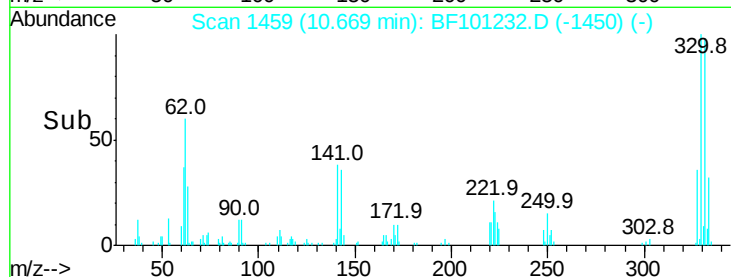
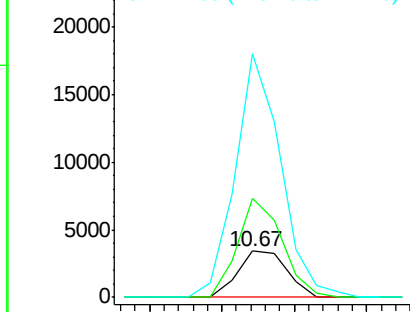
#66
 4-Bromophenyl-phenylether
 Concen: 2.836 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.25 min
 Lab File: BF101232.D
 Acq: 8 Dec 2017 4:20

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 3204
 Ion Ratio Lower Upper
 248 100
 250 214.3 76.9 115.3#
 141 526.7 74.4 111.6#

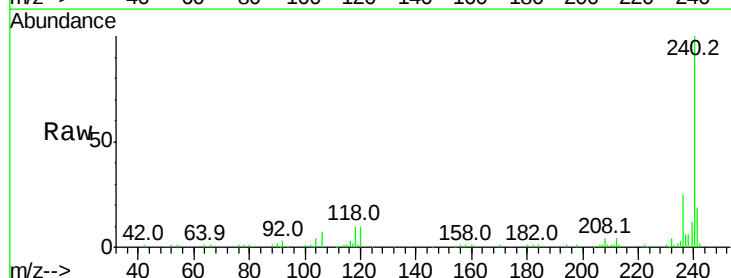


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

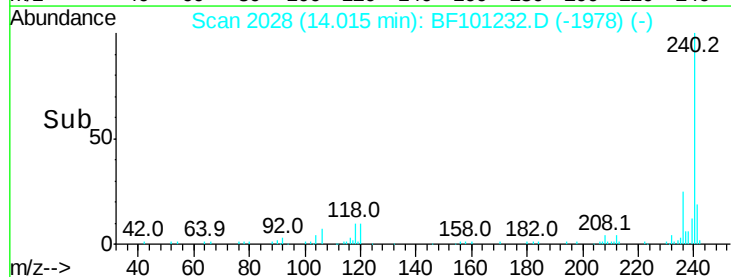
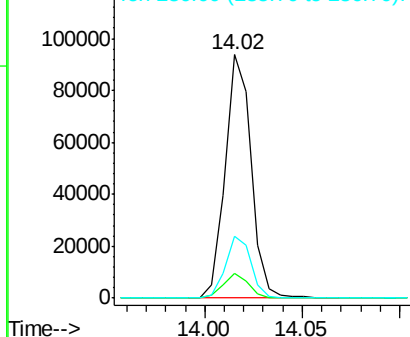


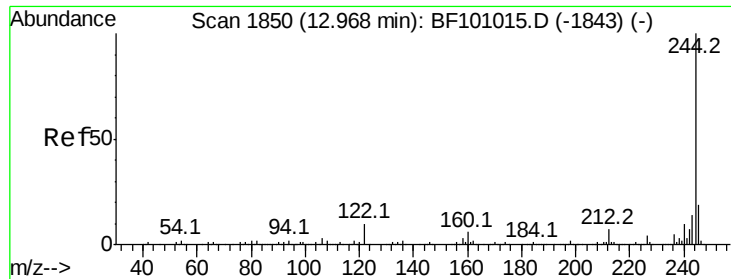
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BF101232.D
 Acq: 8 Dec 2017 4:20

Tgt Ion:240 Resp: 86368
 Ion Ratio Lower Upper
 240 100
 120 10.2 9.5 14.3
 236 25.3 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: 87.403 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF101232.D

Acq: 8 Dec 2017 4:20

Instrument :

BNA_F

ClientSampleId :

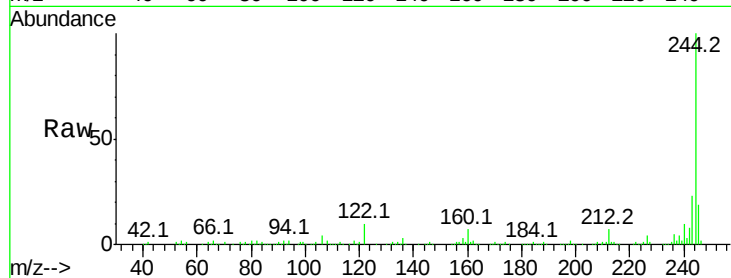
Tot Ion:244 Resp: 345125

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

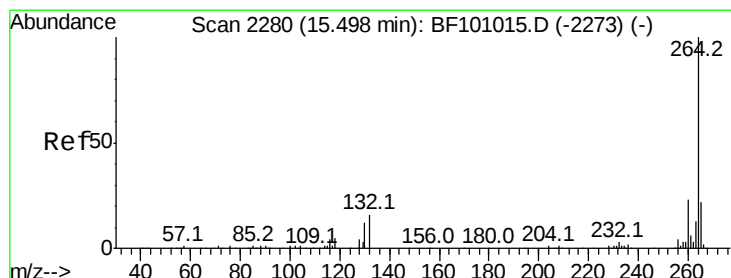
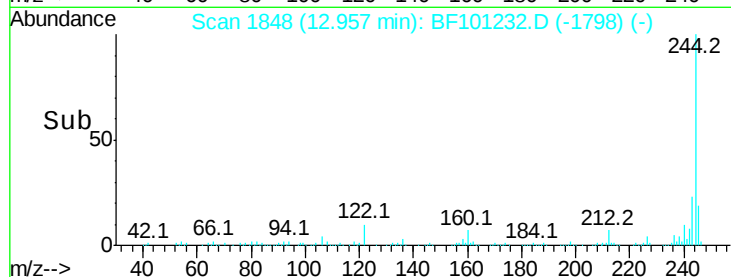
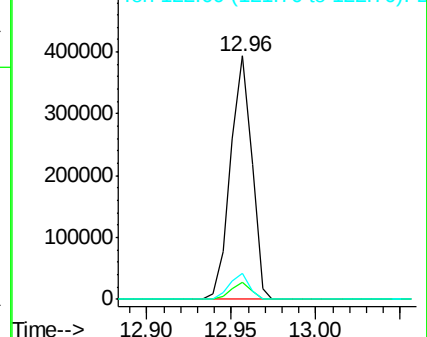
122 10.5 11.0 16.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 15.50 min Scan# 2280

Delta R.T. 0.01 min

Lab File: BF101232.D

Acq: 8 Dec 2017 4:20

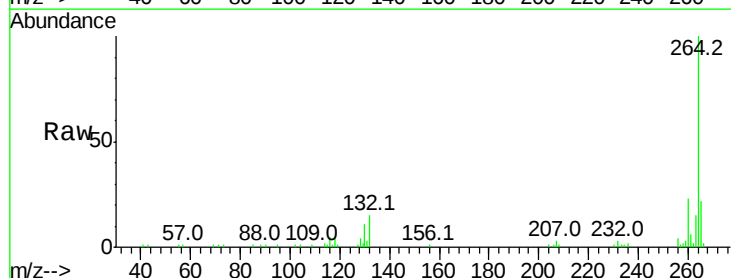
Tgt Ion:264 Resp: 66978

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

265 21.8 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

