

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113017\
 Data File : BF101023.D
 Acq On : 30 Nov 2017 17:57
 Operator : SJ/JU
 Sample : PB104614BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 01 00:33:40 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 30 16:01:41 2017
 Response via : Initial Calibration

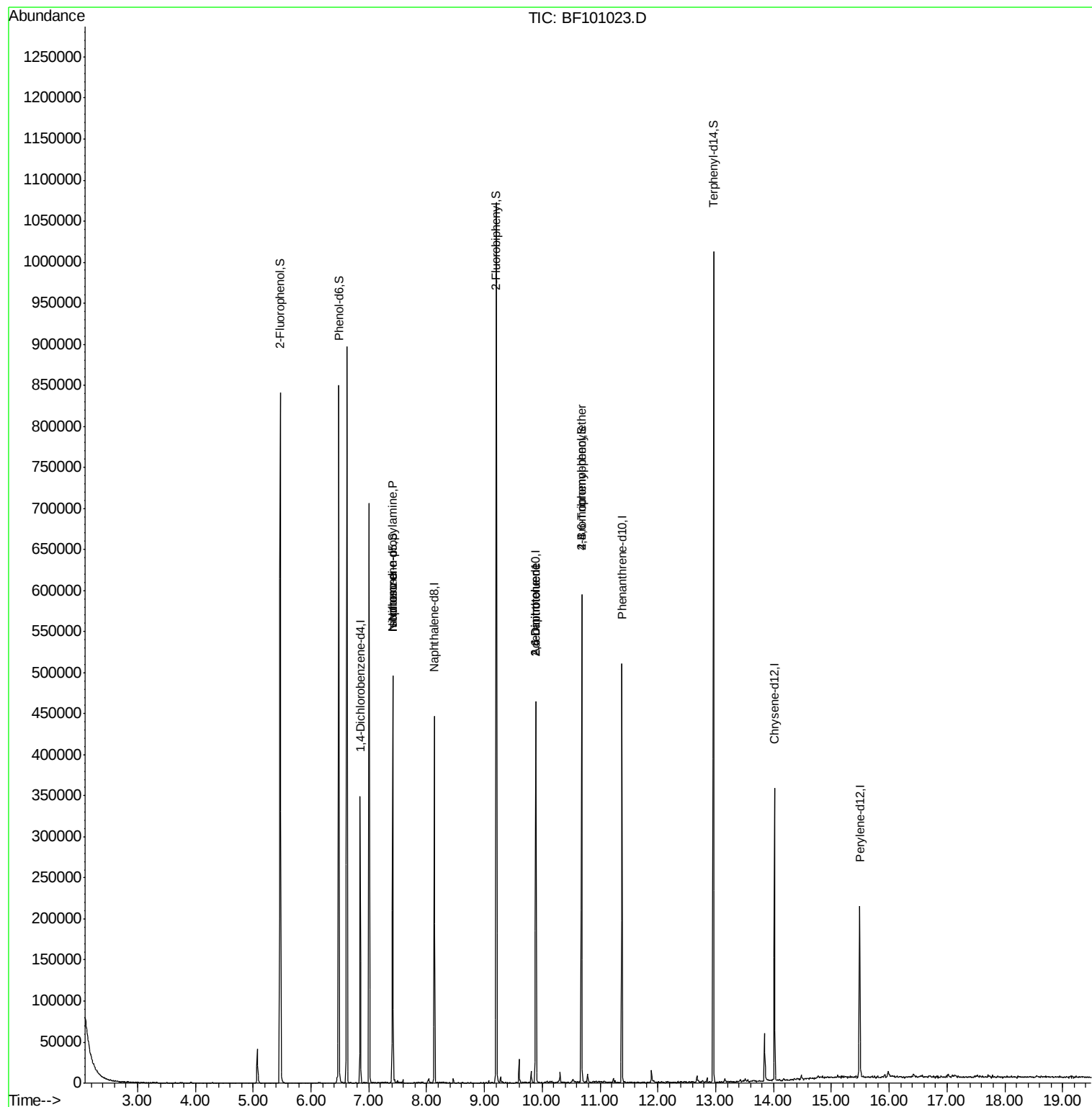
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	48616	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	191784	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	93401	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	183683	20.00	ng	0.00
75) Chrysene-d12	14.02	240	120827	20.00	ng	-0.01
86) Perylene-d12	15.49	264	106434	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	216539	73.60	ng	0.00
7) Phenol-d6	6.48	99	263227	73.69	ng	0.00
23) Nitrobenzene-d5	7.42	82	159515	49.62	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	76352	68.05	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	369103	54.07	ng	0.00
78) Terphenyl-d14	12.96	244	358049	64.82	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	20375	8.470	ng	# 83
25) Isophorone	7.42	82	159513	29.047	ng	# 64
50) 2,6-Dinitrotoluene	9.89	165	11441	7.211	ng	# 24
56) 2,4-Dinitrotoluene	9.89	165	11441	5.381	ng	# 21
66) 4-Bromophenyl-phenylether	10.68	248	5039	2.451	ng	# 1

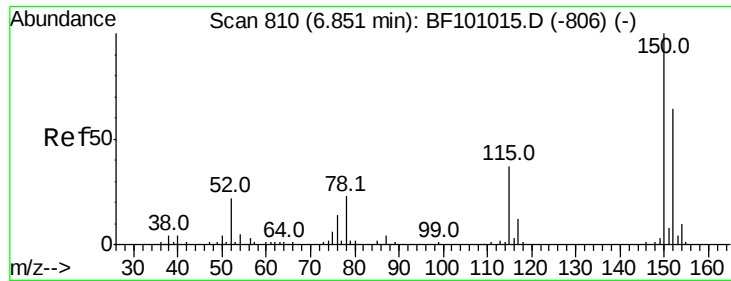
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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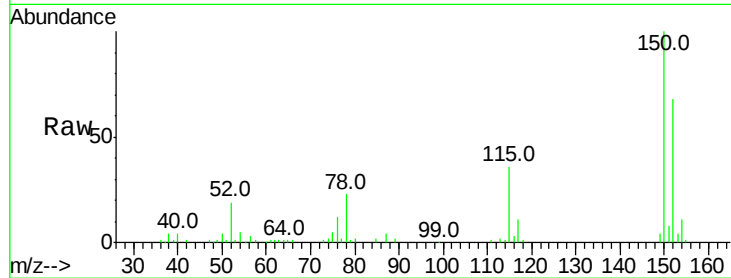


#1

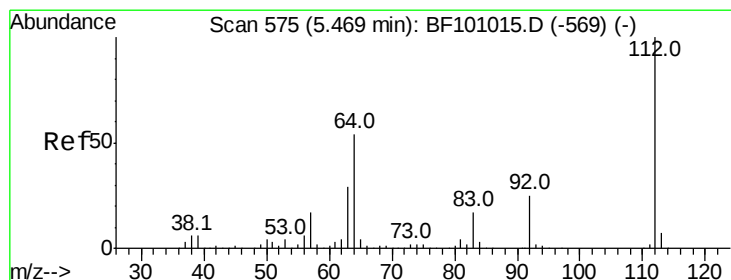
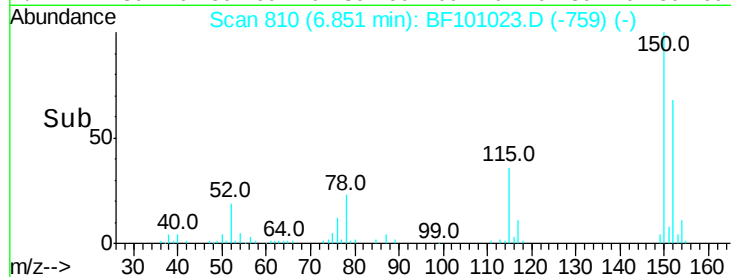
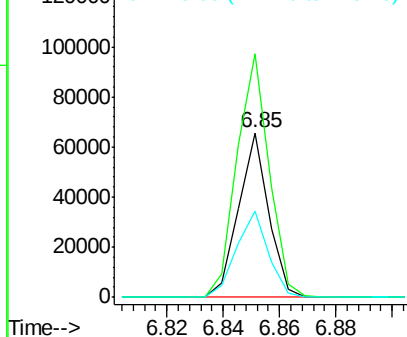
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF101023.D
Acq: 30 Nov 2017 17:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 48616
Ion Ratio Lower Upper
152 100
150 148.0 124.6 186.8
115 52.6 50.1 75.1



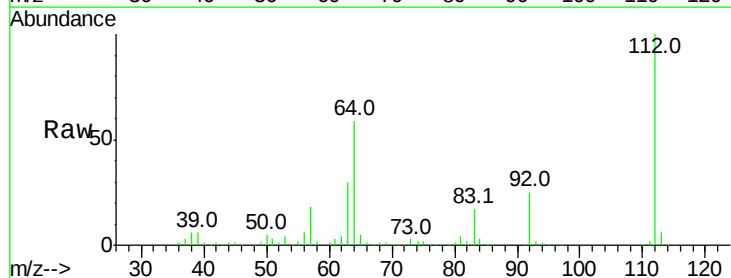
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



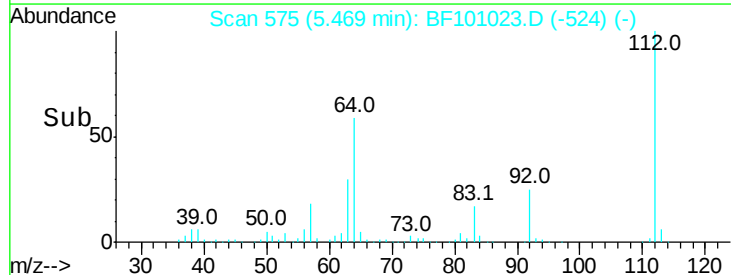
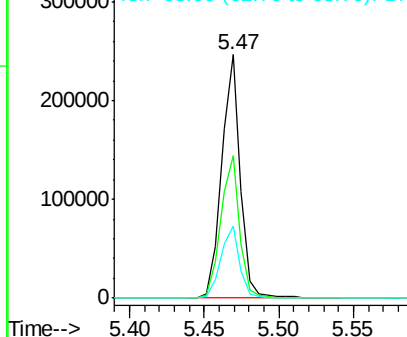
#5

2-Fluorophenol
Concen: 73.601 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.00 min
Lab File: BF101023.D
Acq: 30 Nov 2017 17:57

Tgt Ion:112 Resp: 216539
Ion Ratio Lower Upper
112 100
64 58.7 47.9 71.9
63 29.8 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: 73.693 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF101023.D

Acq: 30 Nov 2017 17:57

Instrument :

BNA_F

ClientSampleId :

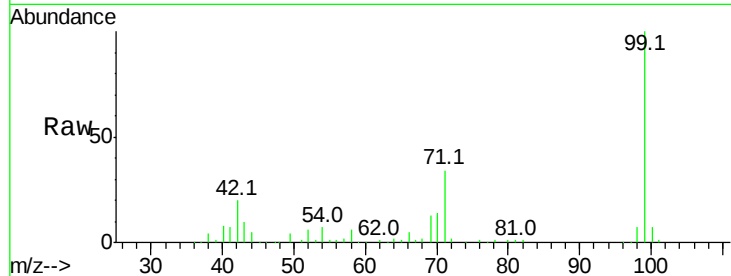
Tot Ion: 99 Resp: 263227

Ion Ratio Lower Upper

99 100

42 19.5 14.5 21.7

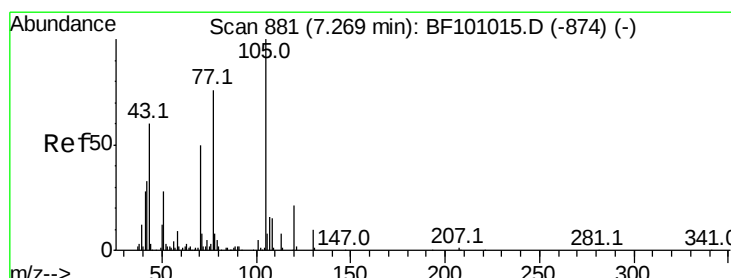
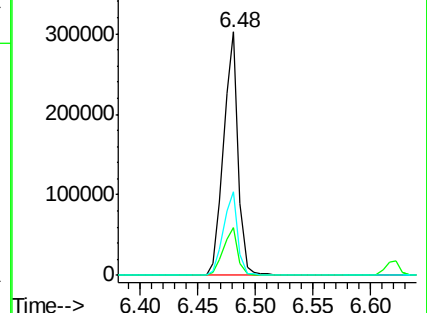
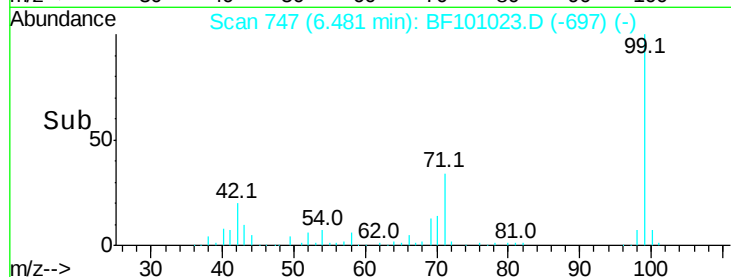
71 34.3 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 8.470 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.15 min

Lab File: BF101023.D

Acq: 30 Nov 2017 17:57

Tgt Ion: 70 Resp: 20375

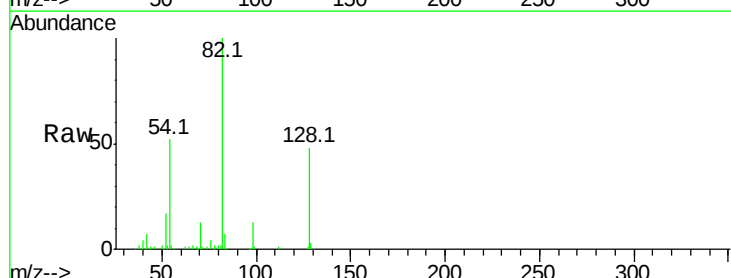
Ion Ratio Lower Upper

70 100

42 53.7 47.5 71.3

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

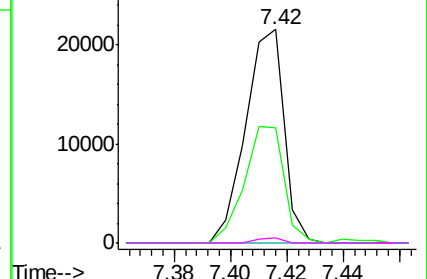
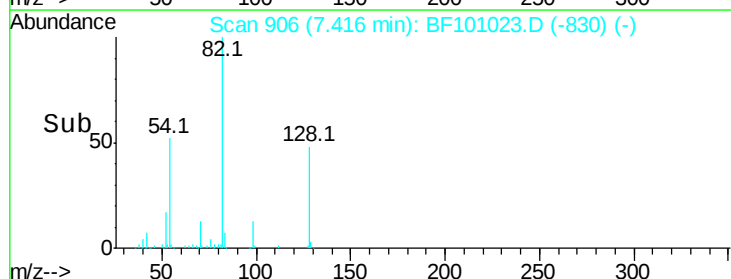


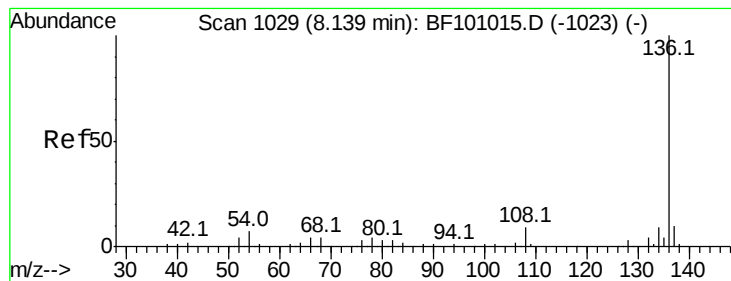
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.13 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF101023.D

Acq: 30 Nov 2017 17:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 191784

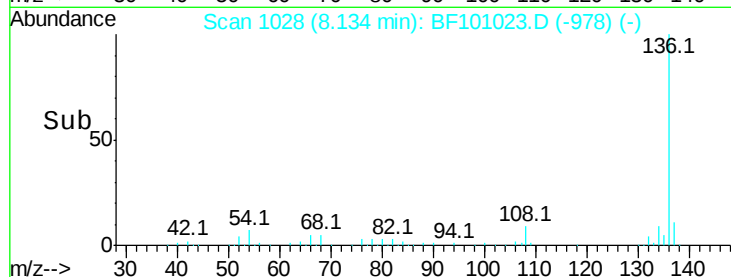
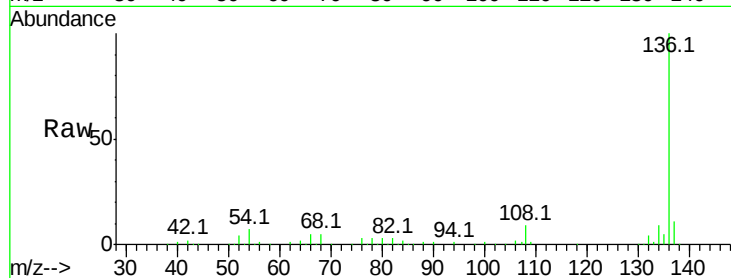
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.3 6.6 9.8

68 4.6 5.0 7.4#

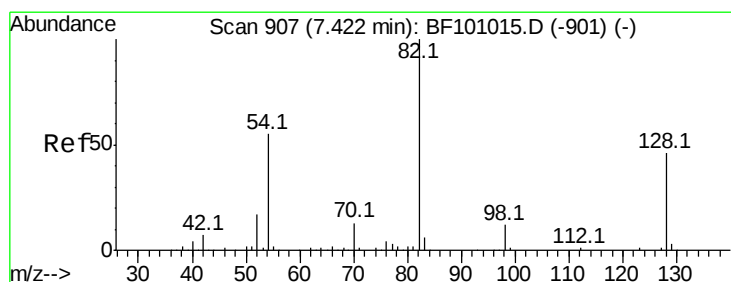
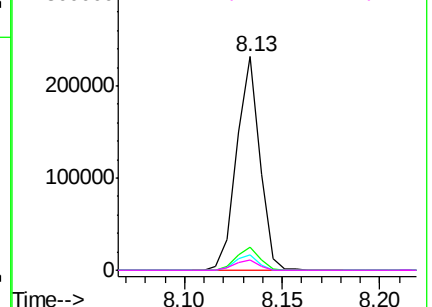


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 49.616 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF101023.D

Acq: 30 Nov 2017 17:57

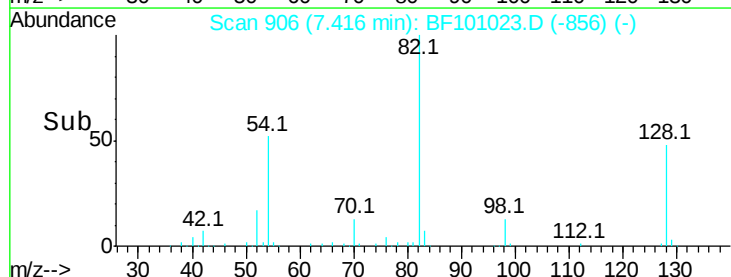
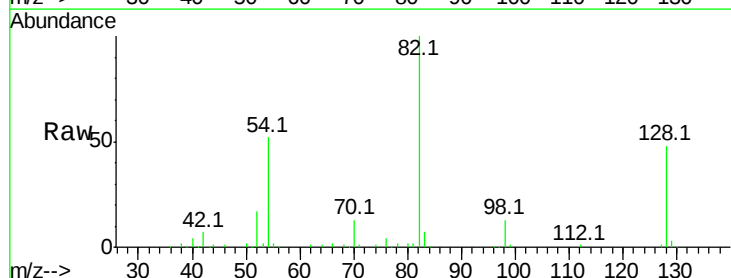
Tgt Ion: 82 Resp: 159515

Ion Ratio Lower Upper

82 100

128 48.3 36.1 54.1

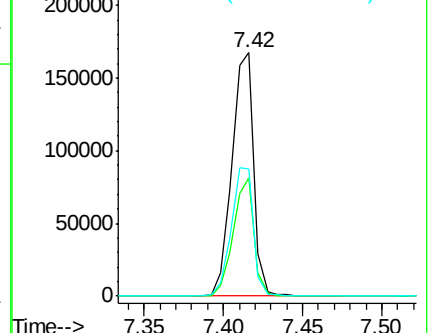
54 52.3 41.4 62.2

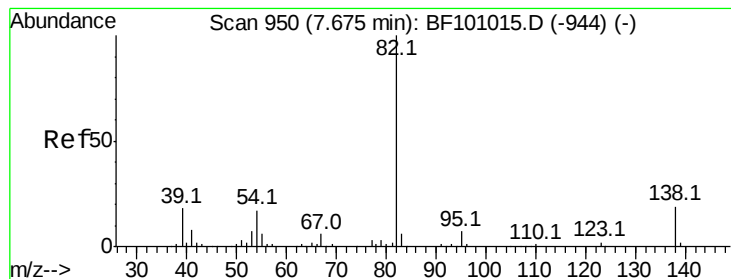


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 29.047 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.26 min

Lab File: BF101023.D

Acq: 30 Nov 2017 17:57

Instrument :

BNA_F

ClientSampleId :

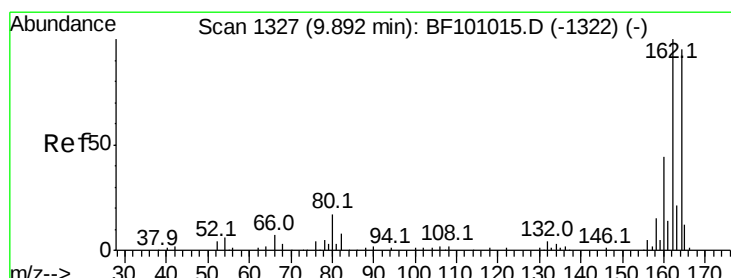
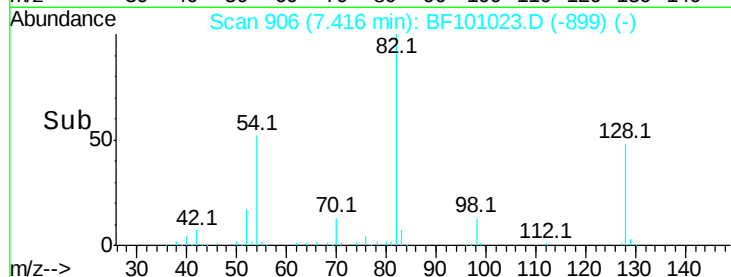
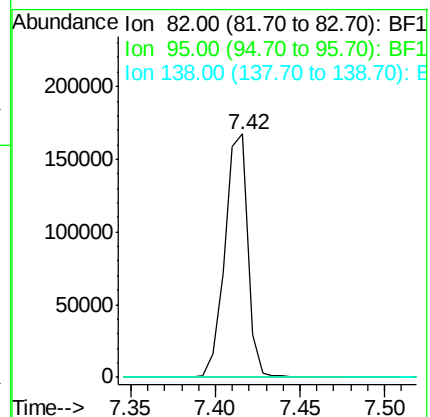
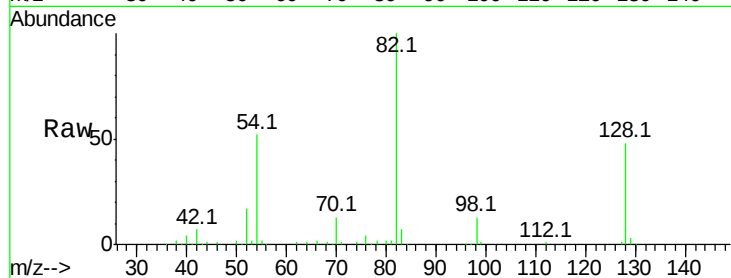
Tot Ion: 82 Resp: 159513

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: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF101023.D

Acq: 30 Nov 2017 17:57

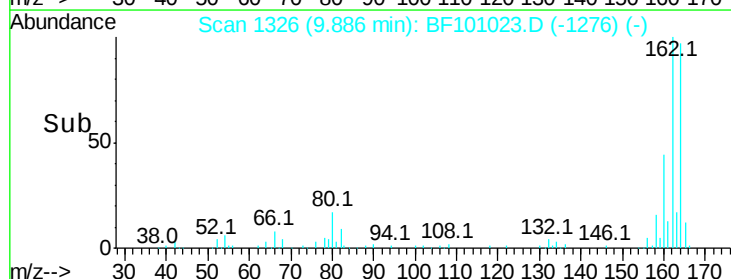
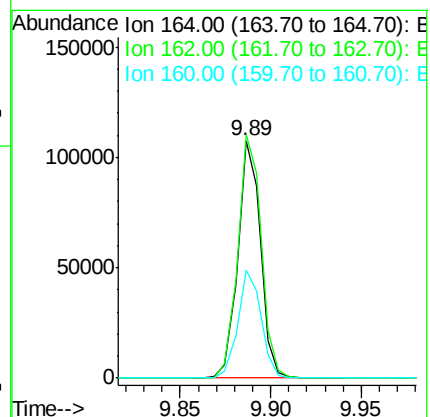
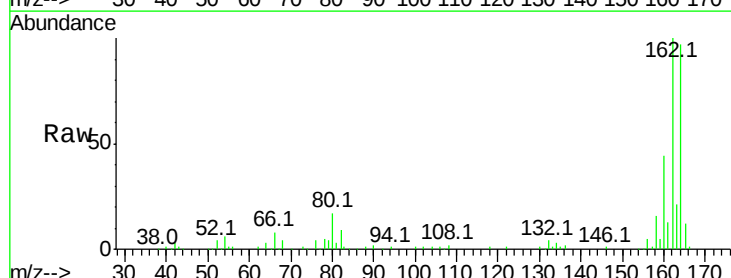
Tgt Ion:164 Resp: 93401

Ion Ratio Lower Upper

164 100

162 102.6 86.1 129.1

160 45.5 38.3 57.5

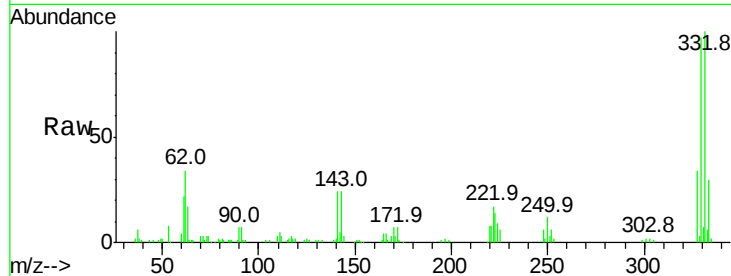




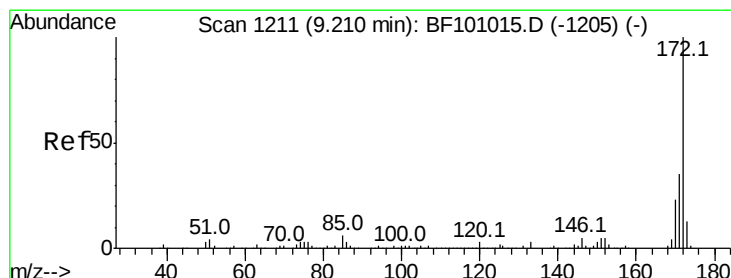
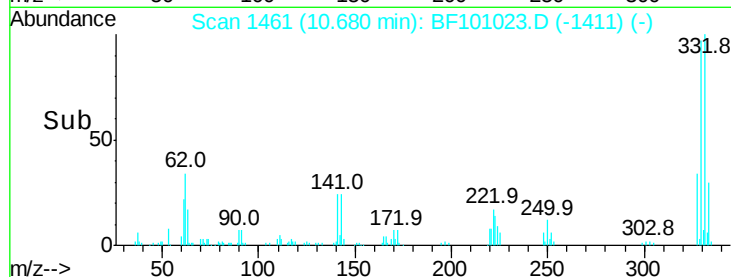
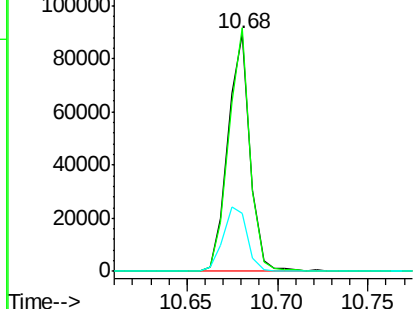
#41
 2,4,6-Tribromophenol
 Concen: 68.049 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF101023.D
 Acq: 30 Nov 2017 17:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 76352
 Ion Ratio Lower Upper
 330 100
 332 97.9 77.0 115.6
 141 29.3 29.9 44.9#

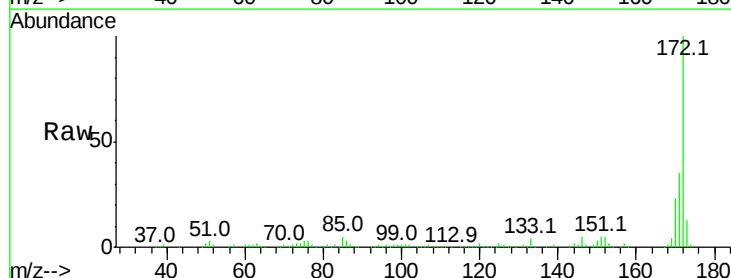


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

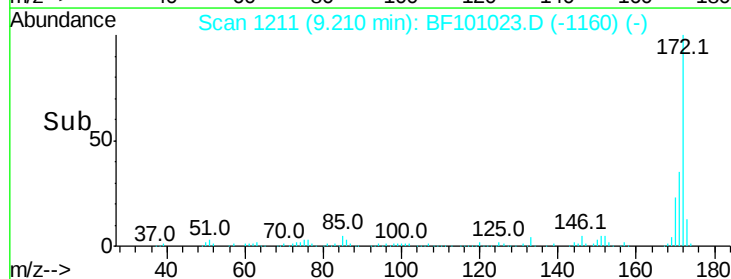
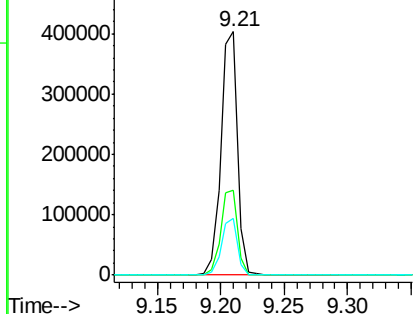


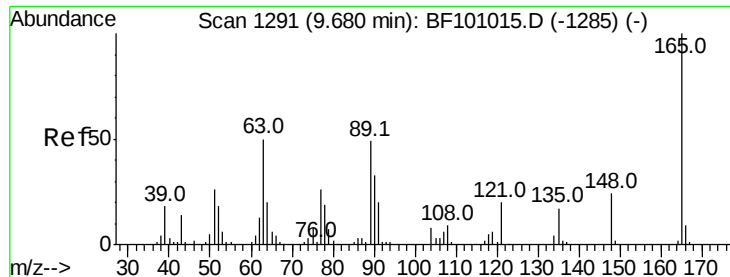
#44
 2-Fluorobiphenyl
 Concen: 54.069 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF101023.D
 Acq: 30 Nov 2017 17:57

Tgt Ion:172 Resp: 369103
 Ion Ratio Lower Upper
 172 100
 171 35.0 29.7 44.5
 170 23.3 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

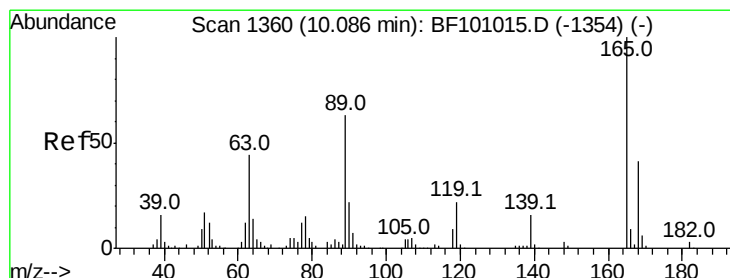
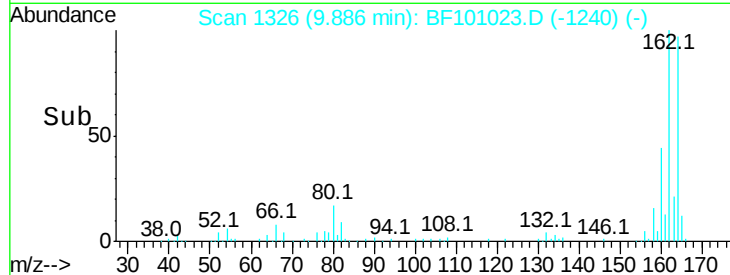
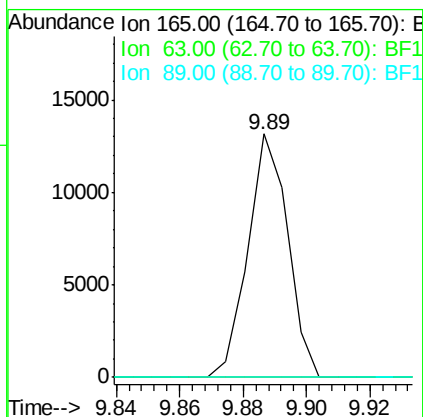
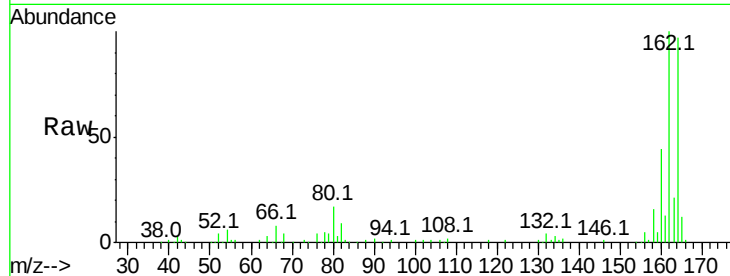




#50
 2,6-Dinitrotoluene
 Concen: 7.211 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.21 min
 Lab File: BF101023.D
 Acq: 30 Nov 2017 17:57

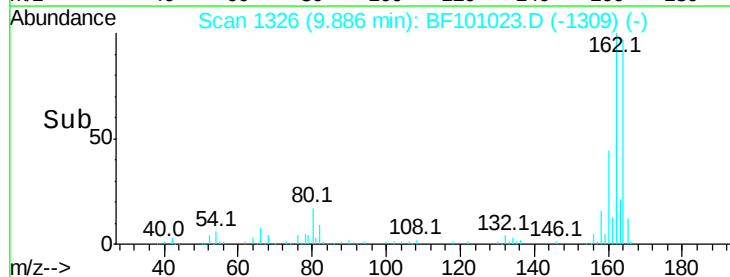
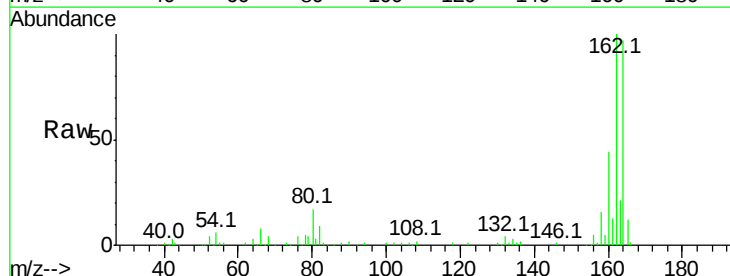
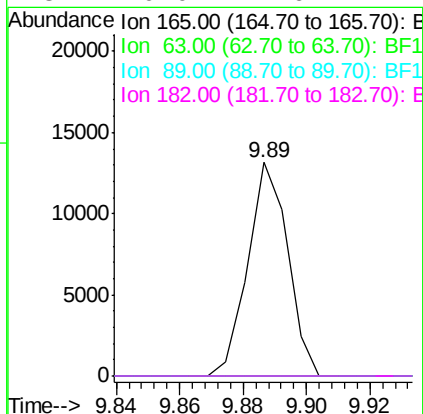
Instrument :
 BNA_F
 ClientSampleId :

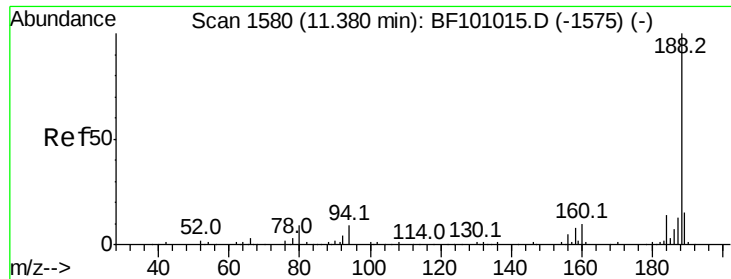
Tot Ion:165 Resp: 11441
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 0.0 44.0 66.0#



#56
 2,4-Dinitrotoluene
 Concen: 5.381 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.20 min
 Lab File: BF101023.D
 Acq: 30 Nov 2017 17:57

Tgt Ion:165 Resp: 11441
 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#

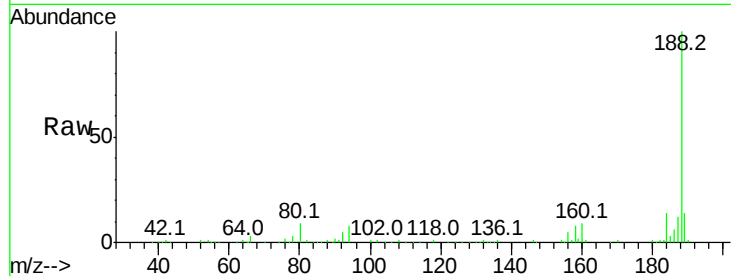




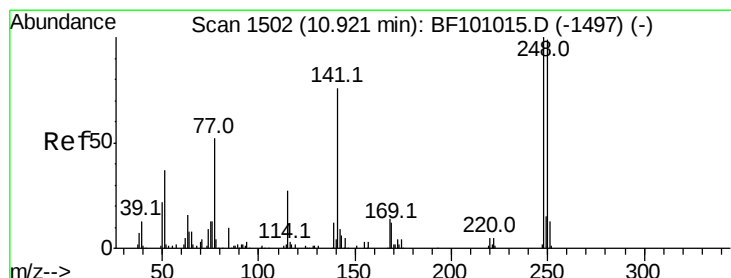
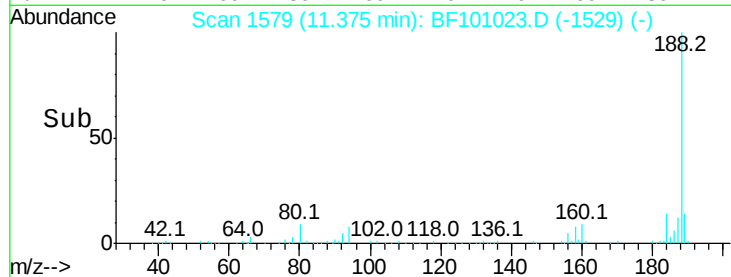
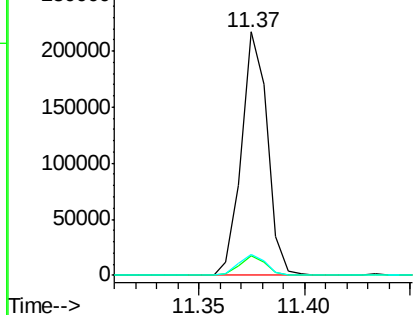
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. -0.01 min
 Lab File: BF101023.D
 Acq: 30 Nov 2017 17:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.3	8.5	12.7#
80	8.6	9.2	13.8#

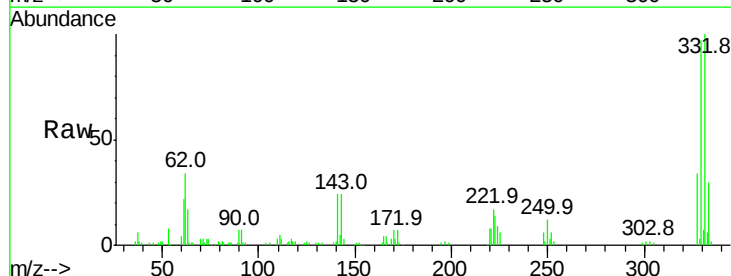


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

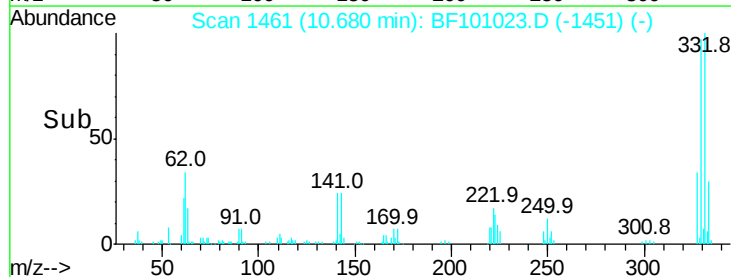
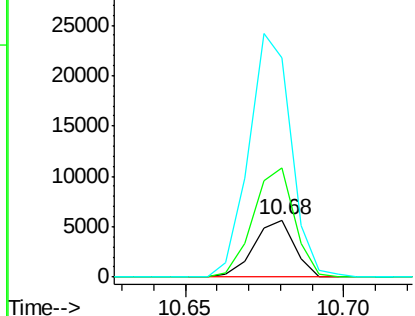


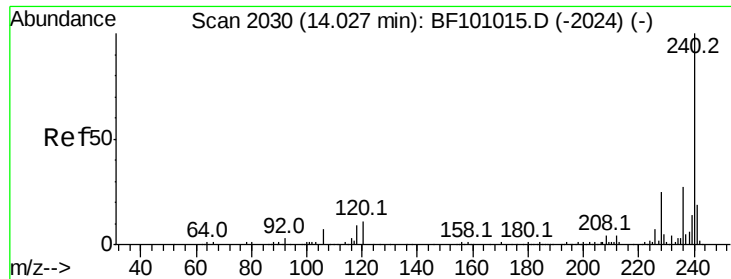
#66
 4-Bromophenyl-phenylether
 Concen: 2.451 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.24 min
 Lab File: BF101023.D
 Acq: 30 Nov 2017 17:57

Tgt Ion	Ratio	Lower	Upper
248	100		
250	191.6	76.9	115.3#
141	383.7	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

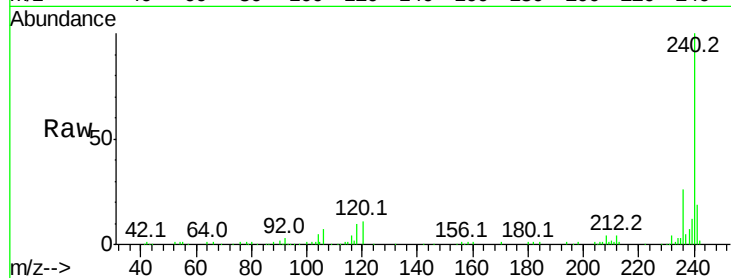




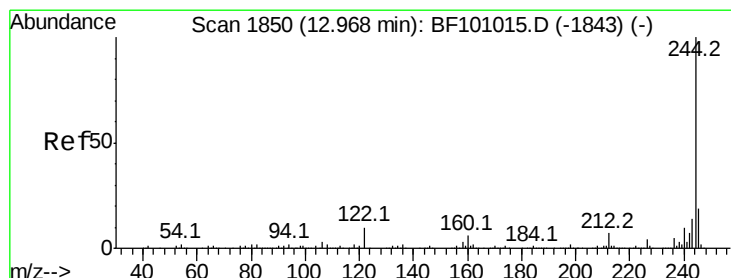
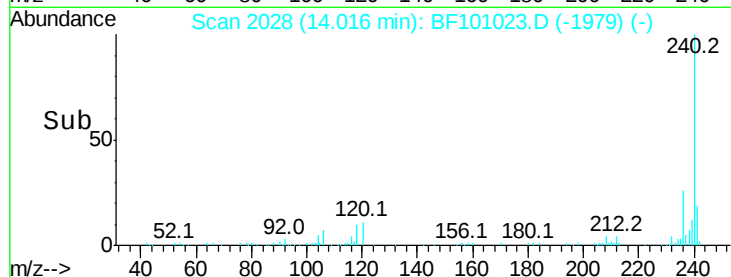
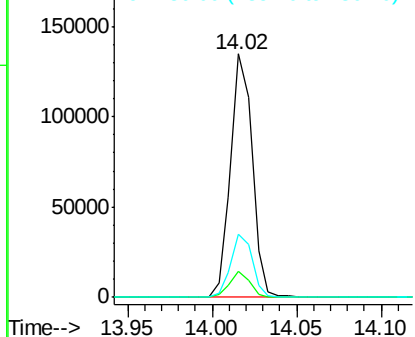
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BF101023.D
 Acq: 30 Nov 2017 17:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:240 Resp: 120827
 Ion Ratio Lower Upper
 240 100
 120 10.8 9.5 14.3
 236 25.8 20.7 31.1

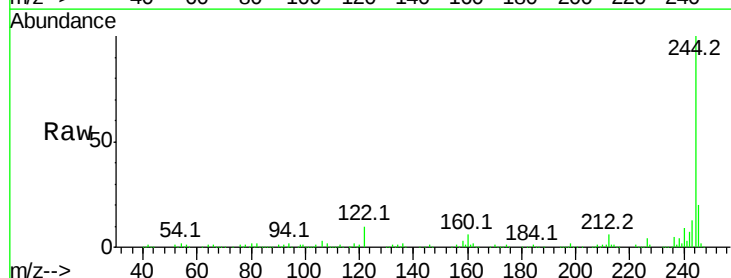


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

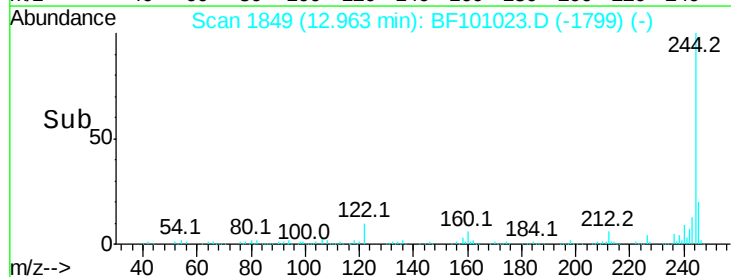
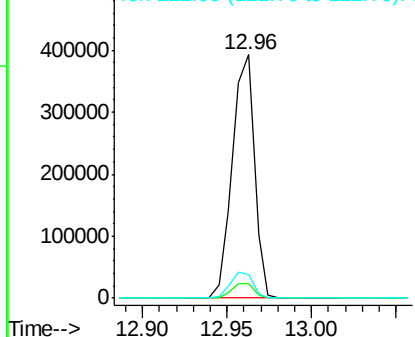


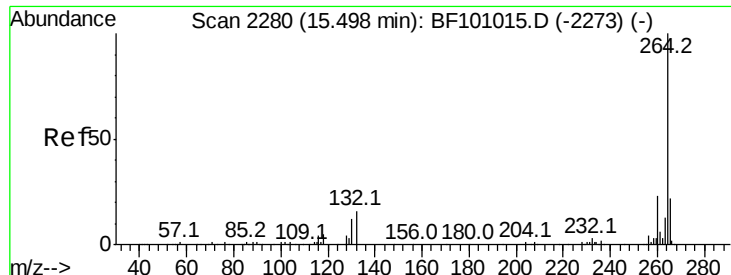
#78
 Terphenyl-d14
 Concen: 64.816 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.01 min
 Lab File: BF101023.D
 Acq: 30 Nov 2017 17:57

Tgt Ion:244 Resp: 358049
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.4 8.0
 122 9.5 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

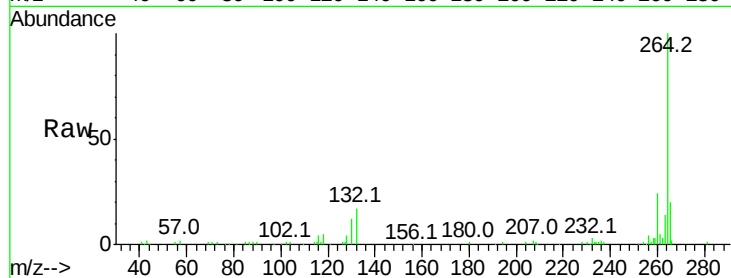




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. -0.01 min
 Lab File: BF101023.D
 Acq: 30 Nov 2017 17:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264 Resp: 106434
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 19.7 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

