

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121217\
 Data File : BF101370.D
 Acq On : 13 Dec 2017 10:52
 Operator : SJ/JU
 Sample : I6763-05
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 13 12:06:03 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

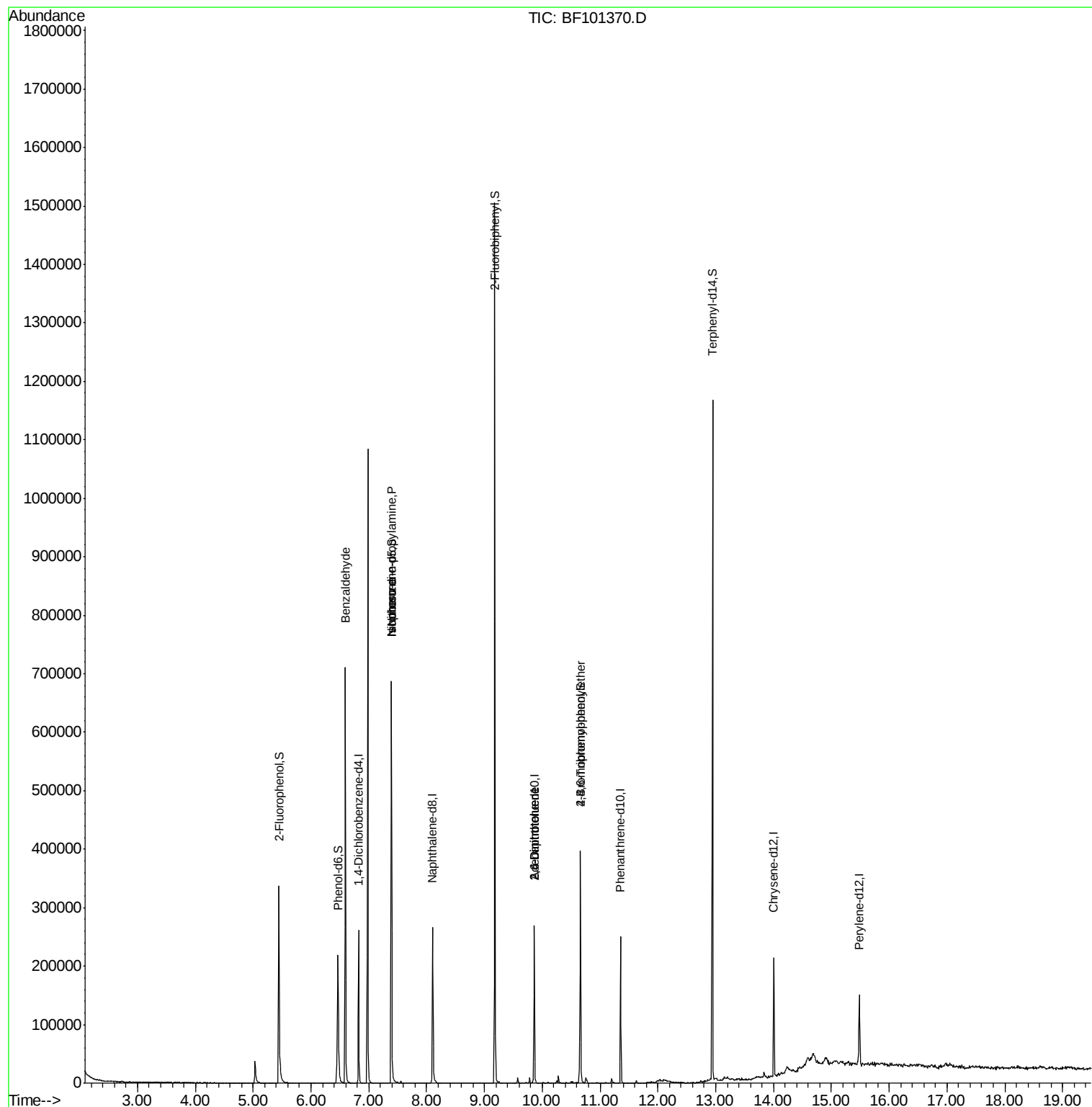
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	37879	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	133125	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	51588	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	90204	20.00	ng	0.00
75) Chrysene-d12	14.01	240	74512	20.00	ng	0.00
86) Perylene-d12	15.49	264	58574	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	118086	51.51	ng	0.00
7) Phenol-d6	6.46	99	89358	32.11	ng	0.00
23) Nitrobenzene-d5	7.39	82	215039	96.36	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	49185	79.37	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	446294	118.36	ng	0.00
78) Terphenyl-d14	12.94	244	354796	104.15	ng	0.00
Target Compounds						
9) Benzaldehyde	6.59	77	4018	2.359	ng	# 76
19) n-Nitroso-di-n-propylamine	7.39	70	28207	15.049	ng	# 79
25) Isophorone	7.39	82	215036	56.412	ng	# 64
50) 2,6-Dinitrotoluene	9.86	165	6376	7.276	ng	# 24
56) 2,4-Dinitrotoluene	9.86	165	6376	5.429	ng	# 21
66) 4-Bromophenyl-phenylether	10.66	248	2930	2.902	ng	# 1

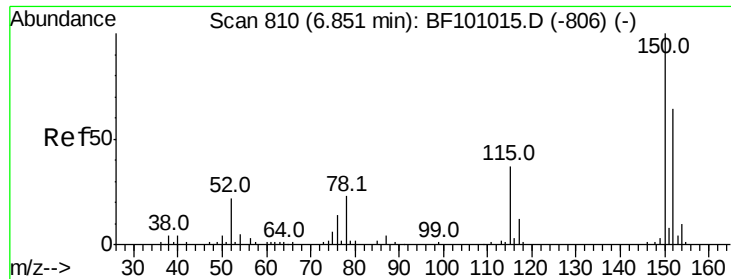
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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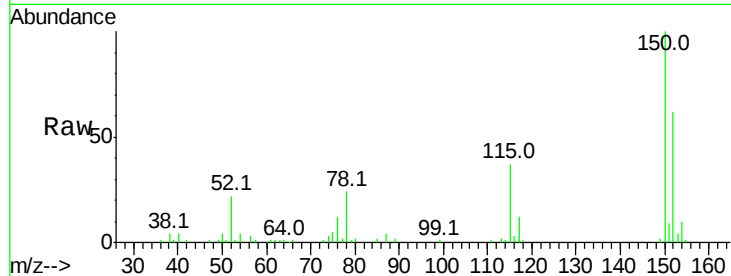


#1

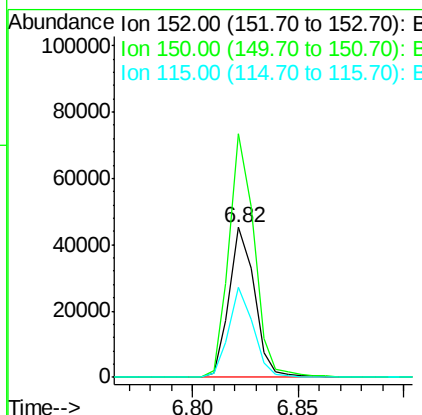
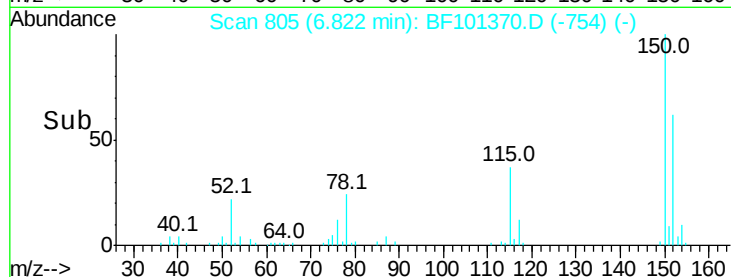
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF101370.D
Acq: 13 Dec 2017 10:52

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 37879
Ion Ratio Lower Upper
152 100
150 162.2 124.6 186.8
115 59.8 50.1 75.1



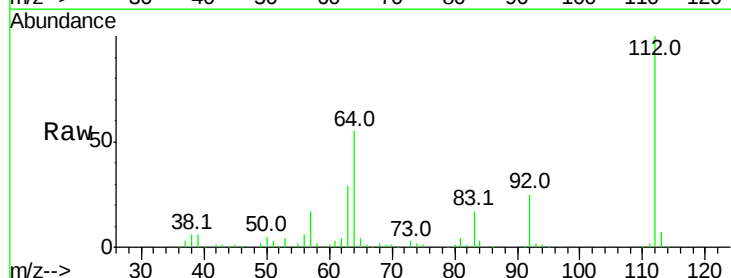
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



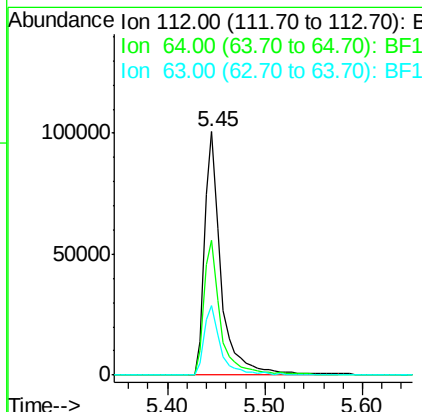
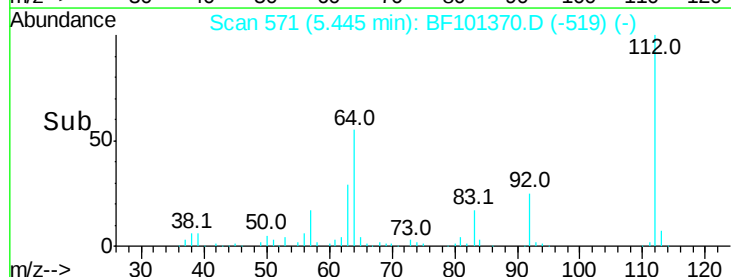
#5

2-Fluorophenol
Concen: 51.514 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF101370.D
Acq: 13 Dec 2017 10:52

Tgt Ion:112 Resp: 118086
Ion Ratio Lower Upper
112 100
64 55.5 47.9 71.9
63 28.7 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: 32.108 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF101370.D

Acq: 13 Dec 2017 10:52

Instrument :

BNA_F

ClientSampled :

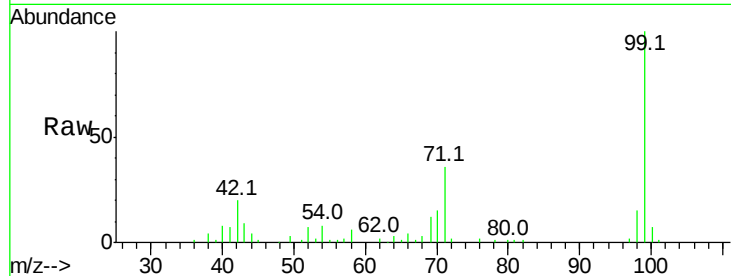
Tot Ion: 99 Resp: 89358

Ion Ratio Lower Upper

99 100

42 20.2 14.5 21.7

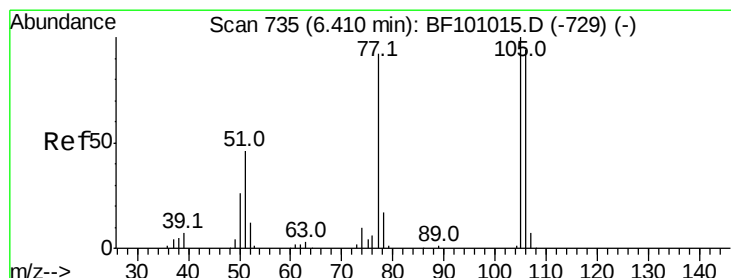
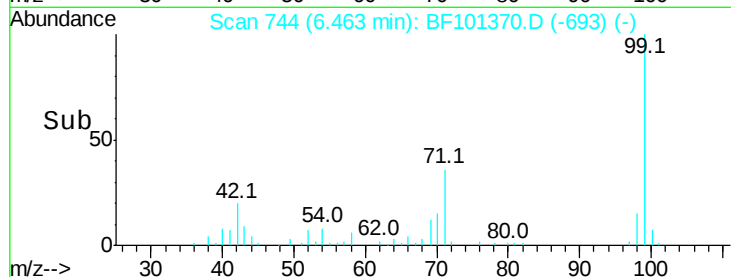
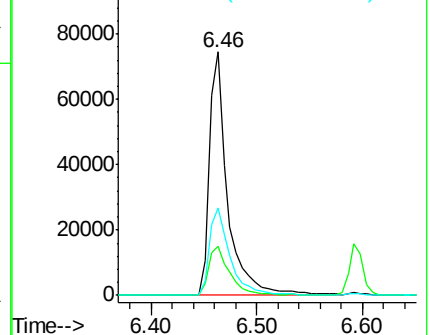
71 36.1 25.4 38.0



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: 2.359 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.21 min

Lab File: BF101370.D

Acq: 13 Dec 2017 10:52

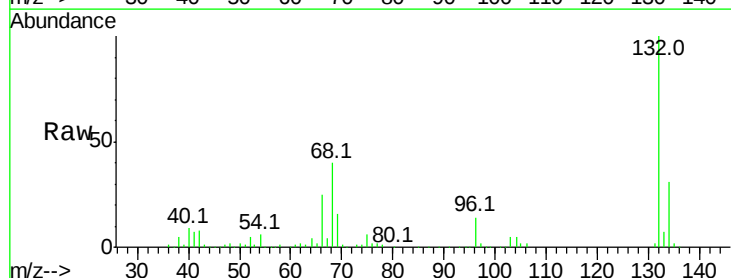
Tgt Ion: 77 Resp: 4018

Ion Ratio Lower Upper

77 100

105 79.1 81.1 121.1#

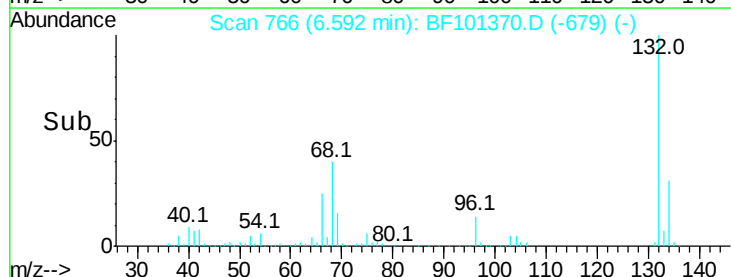
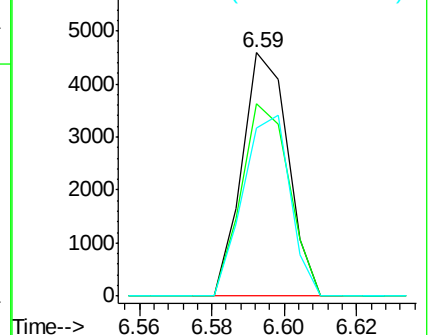
106 69.0 74.5 114.5#



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

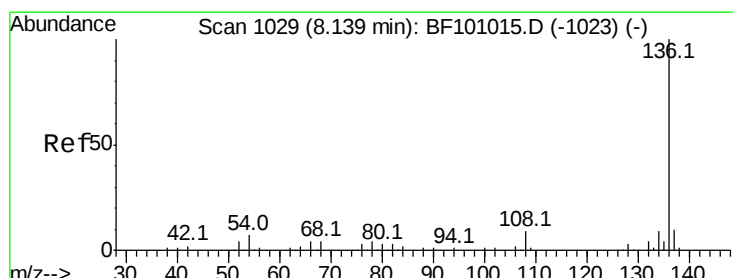
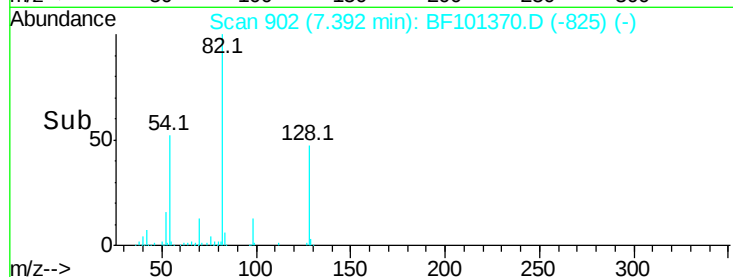
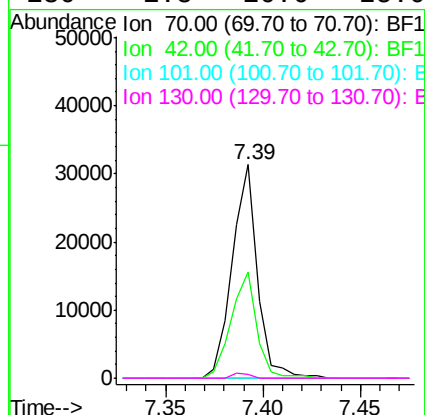
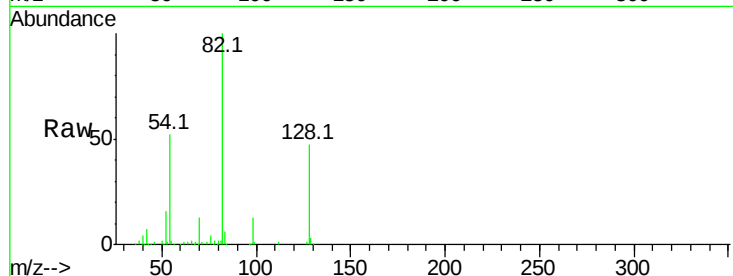




#19
n-Nitroso-di-n-propylamine
Concen: 15.049 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.15 min
Lab File: BF101370.D
Acq: 13 Dec 2017 10:52

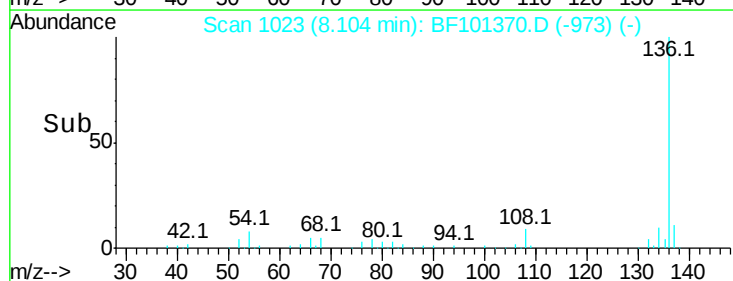
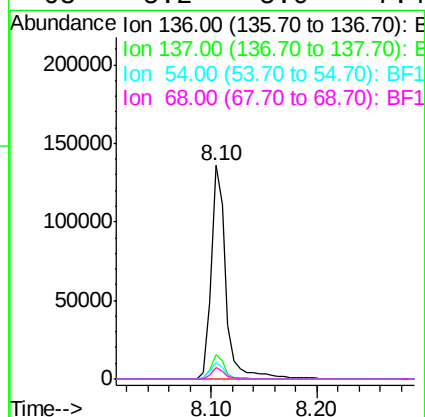
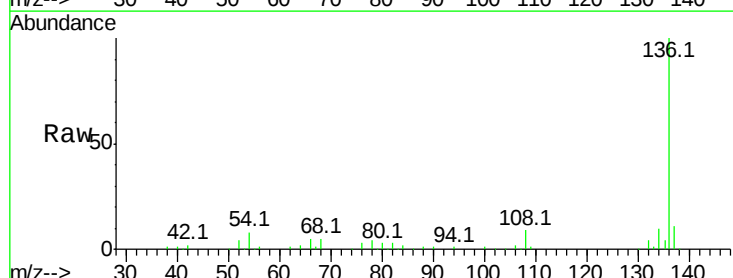
Instrument :
BNA_F
ClientSampled :

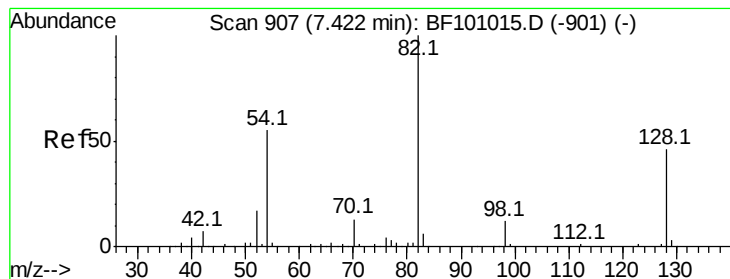
Tot Ion: 70 Resp: 28207
Ion Ratio Lower Upper
70 100
42 49.7 47.5 71.3
101 0.0 7.4 11.2#
130 1.8 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF101370.D
Acq: 13 Dec 2017 10:52

Tgt Ion: 136 Resp: 133125
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 7.7 6.6 9.8
68 5.2 5.0 7.4





#23

Nitrobenzene-d5

Concen: 96.359 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.01 min

Lab File: BF101370.D

Acq: 13 Dec 2017 10:52

Instrument :

BNA_F

ClientSampled :

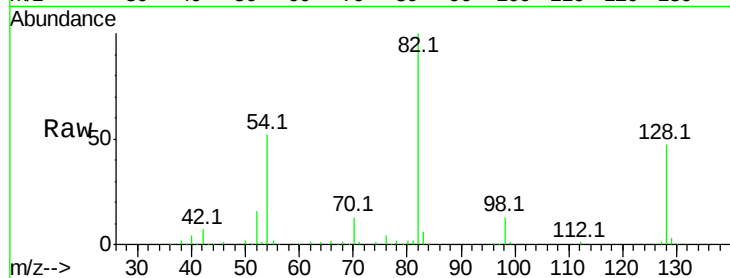
Tot Ion: 82 Resp: 215039

Ion Ratio Lower Upper

82 100

128 46.8 36.1 54.1

54 51.8 41.4 62.2

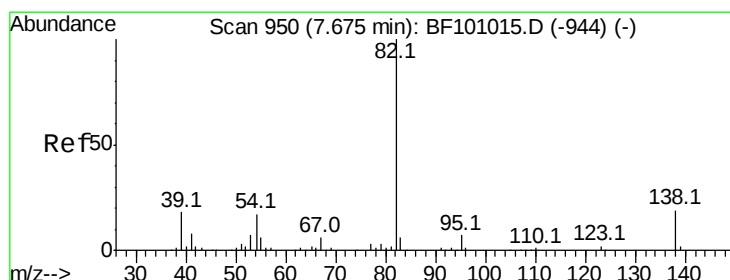
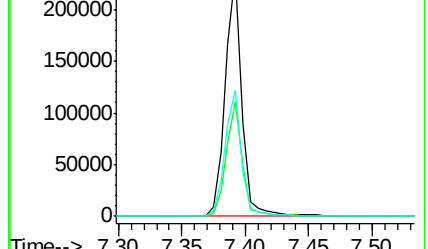
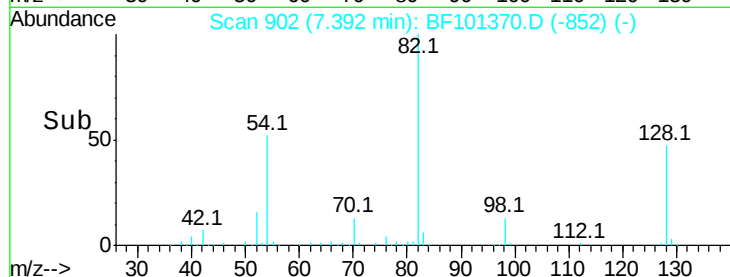


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Time--> 7.30 7.35 7.40 7.45 7.50



#25

Isophorone

Concen: 56.412 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.26 min

Lab File: BF101370.D

Acq: 13 Dec 2017 10:52

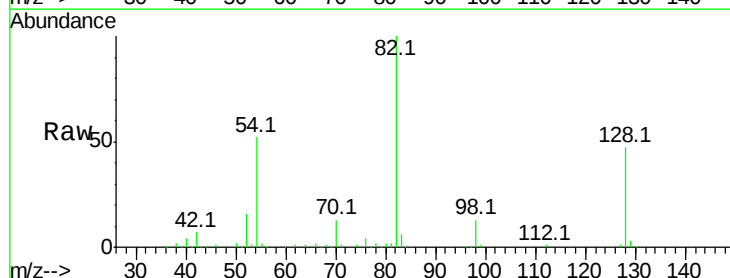
Tgt Ion: 82 Resp: 215036

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#

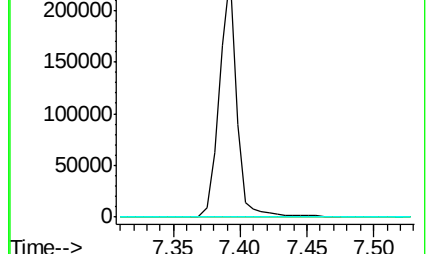
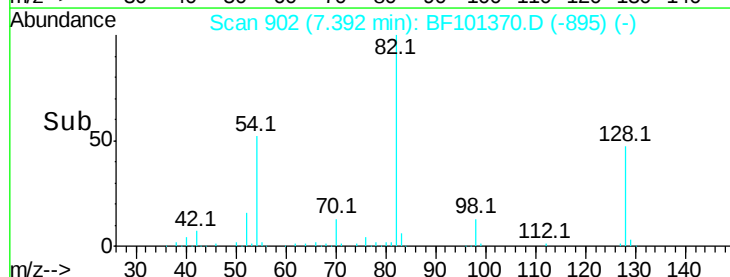


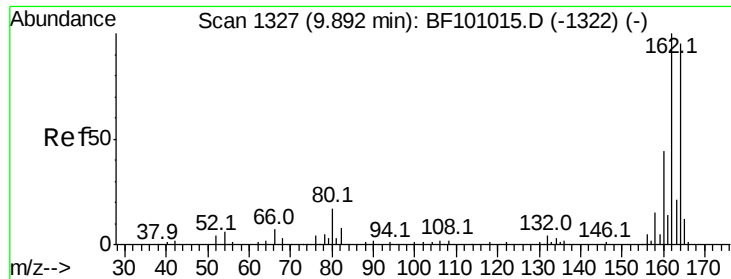
Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

Time--> 7.35 7.40 7.45 7.50

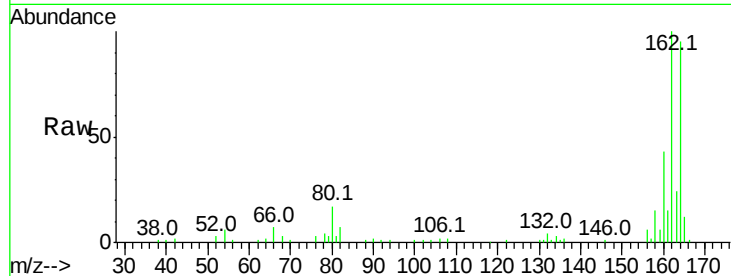




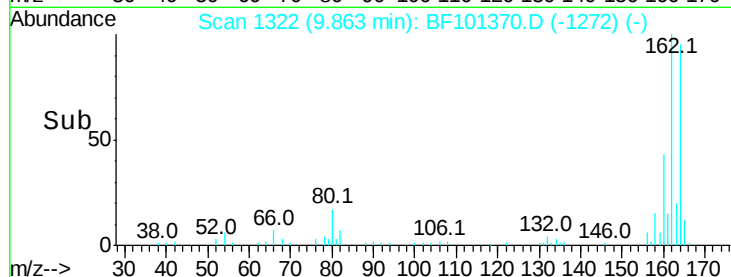
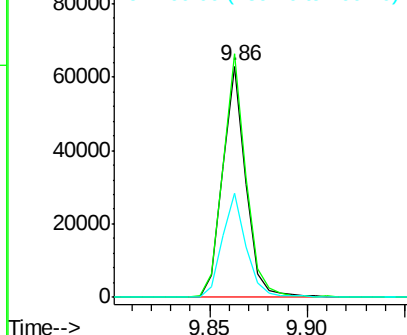
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF101370.D
Acq: 13 Dec 2017 10:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 51588
Ion Ratio Lower Upper
164 100
162 105.5 86.1 129.1
160 45.2 38.3 57.5

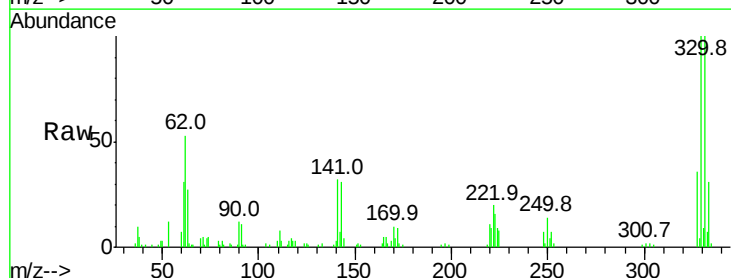


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

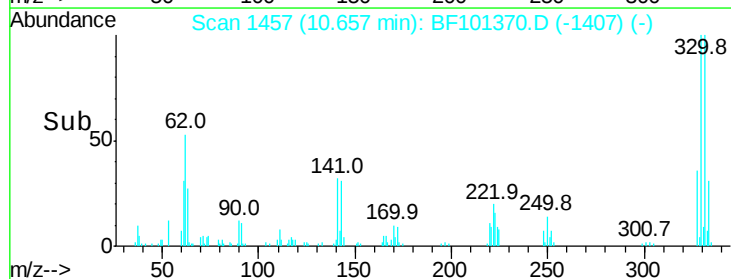
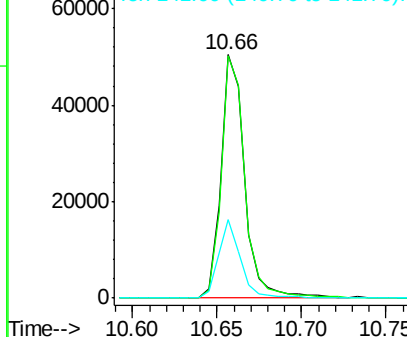


#41
2,4,6-Tribromophenol
Concen: 79.367 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.01 min
Lab File: BF101370.D
Acq: 13 Dec 2017 10:52

Tgt Ion:330 Resp: 49185
Ion Ratio Lower Upper
330 100
332 99.2 77.0 115.6
141 30.2 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

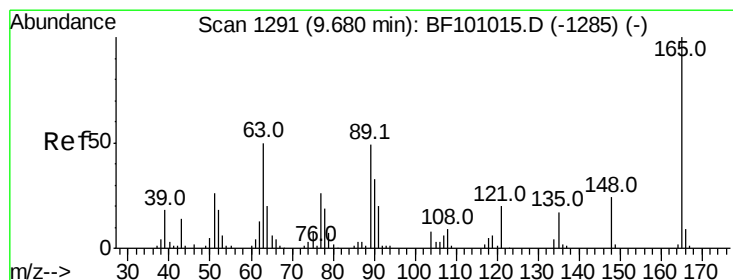
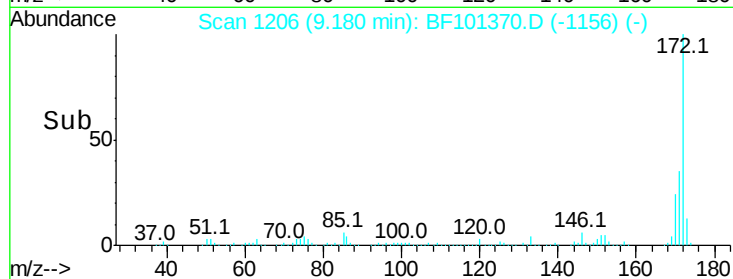
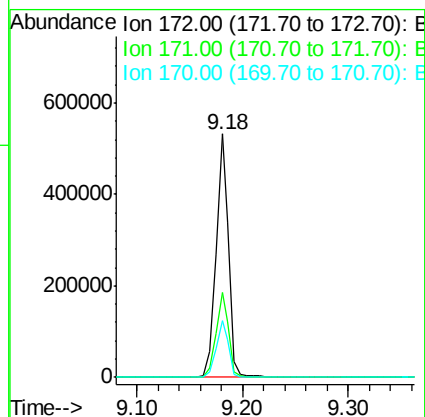
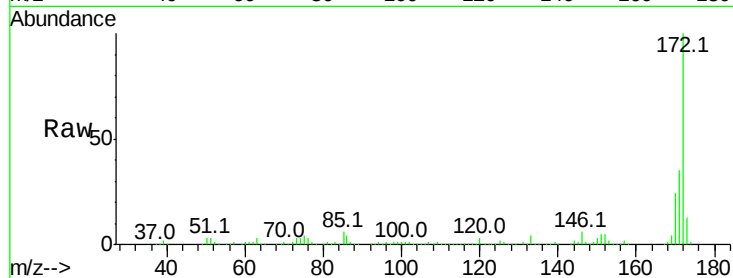




#44
 2-Fluorobiphenyl
 Concen: 118.365 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF101370.D
 Acq: 13 Dec 2017 10:52

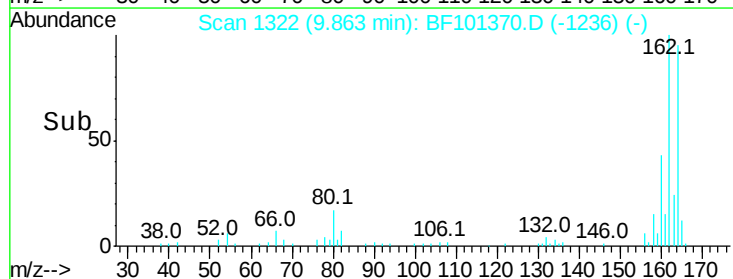
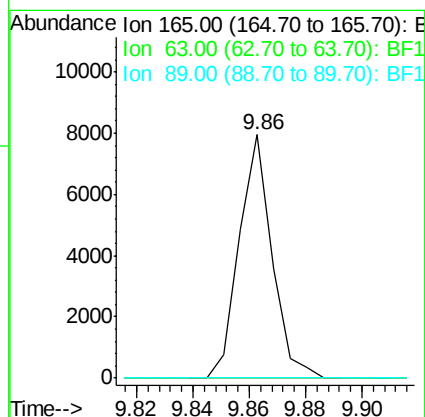
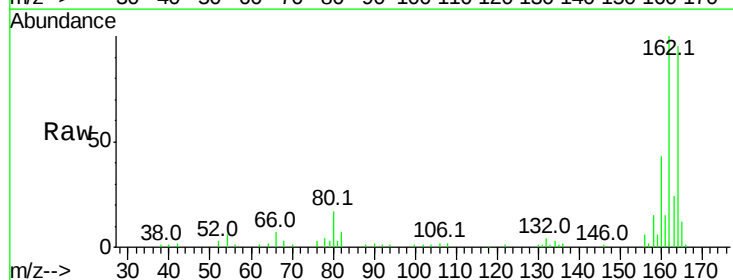
Instrument :
 BNA_F
 ClientSampleId :

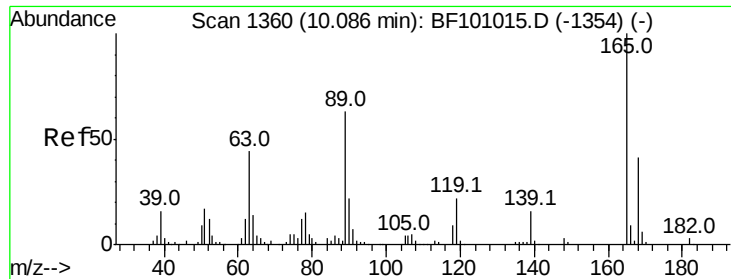
Tot Ion:172 Resp: 446294
 Ion Ratio Lower Upper
 172 100
 171 34.8 29.7 44.5
 170 23.6 19.6 29.4



#50
 2,6-Dinitrotoluene
 Concen: 7.276 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. 0.21 min
 Lab File: BF101370.D
 Acq: 13 Dec 2017 10:52

Tgt Ion:165 Resp: 6376
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 0.0 44.0 66.0#

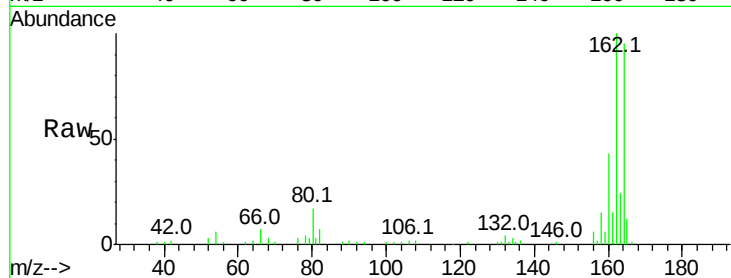




#56
2,4-Dinitrotoluene
Concen: 5.429 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.20 min
Lab File: BF101370.D
Acq: 13 Dec 2017 10:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165	Resp:	6376
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#

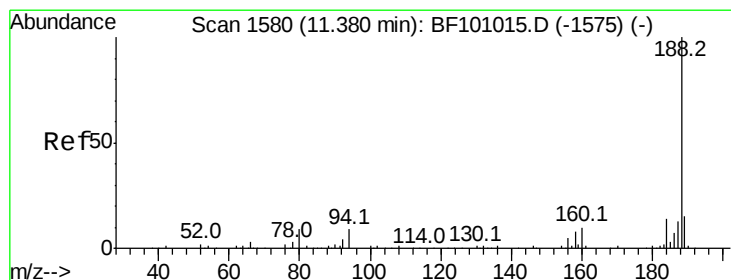
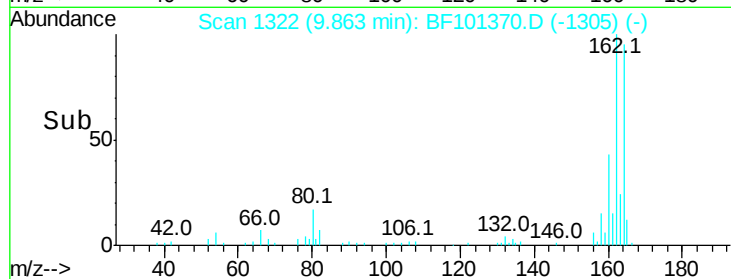
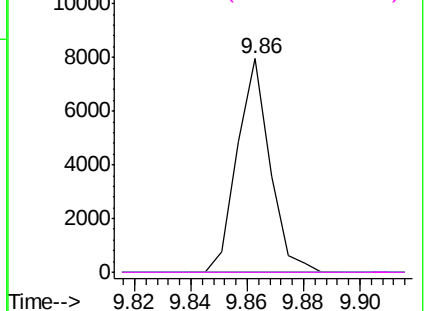


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

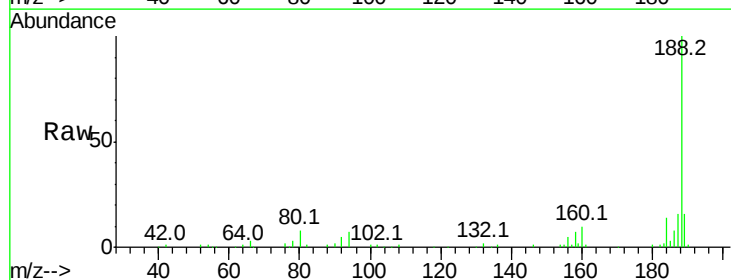
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.00 min
Lab File: BF101370.D
Acq: 13 Dec 2017 10:52

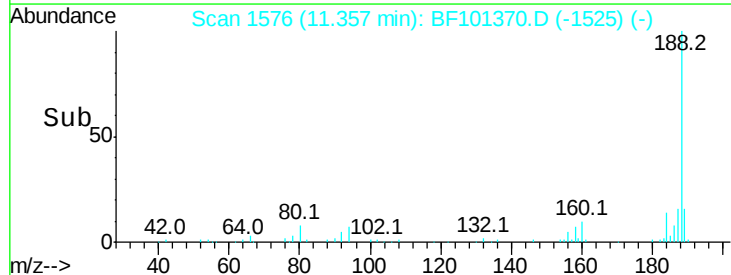
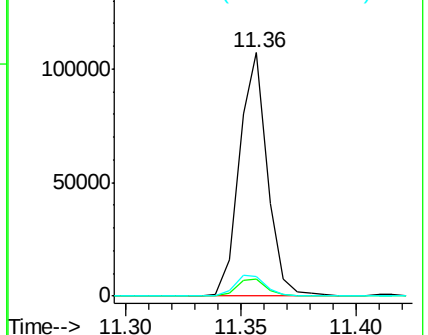
Tgt Ion:188	Resp:	90204
Ion Ratio	Lower	Upper
188	100	
94	7.2	8.5 12.7#
80	8.0	9.2 13.8#

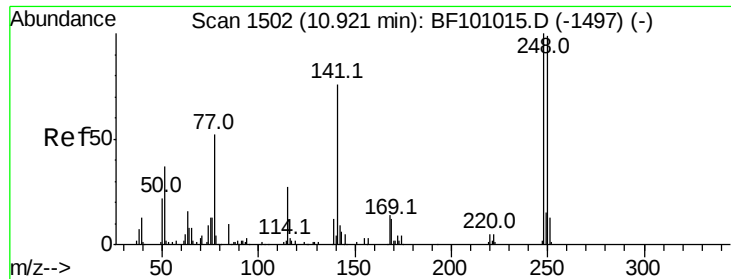


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

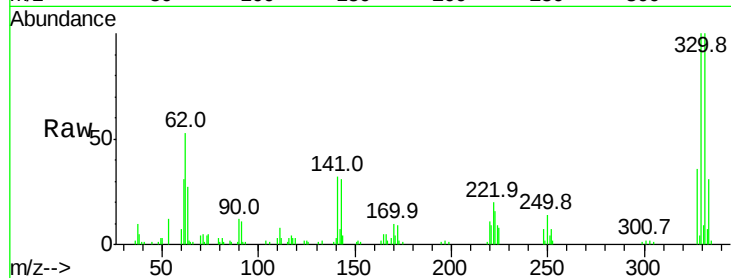




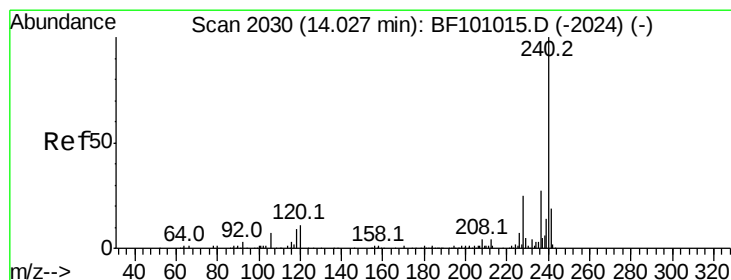
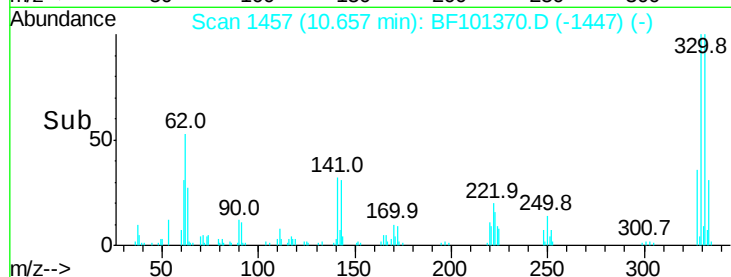
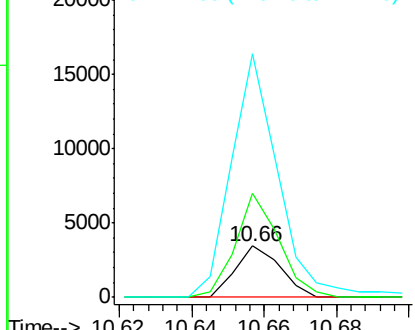
#66
4-Bromophenyl-phenylether
Concen: 2.902 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.24 min
Lab File: BF101370.D
Acq: 13 Dec 2017 10:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 2930
Ion Ratio Lower Upper
248 100
250 201.7 76.9 115.3#
141 474.3 74.4 111.6#

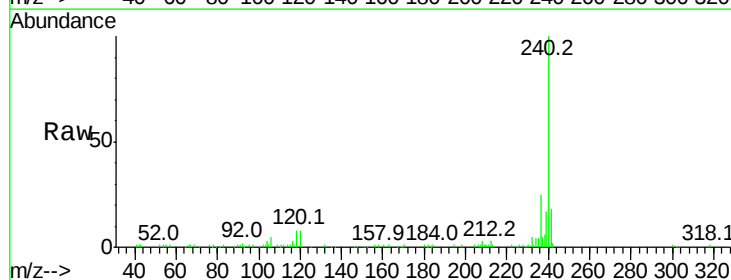


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

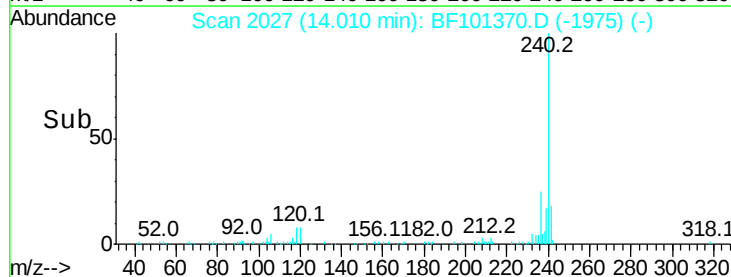
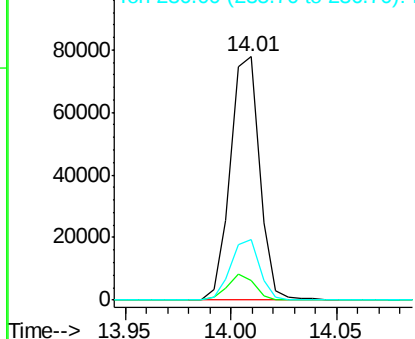


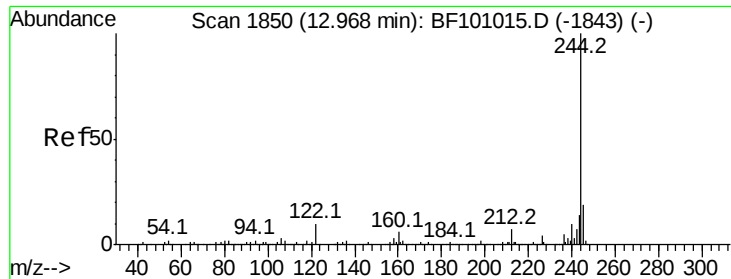
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BF101370.D
Acq: 13 Dec 2017 10:52

Tgt Ion:240 Resp: 74512
Ion Ratio Lower Upper
240 100
120 7.9 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

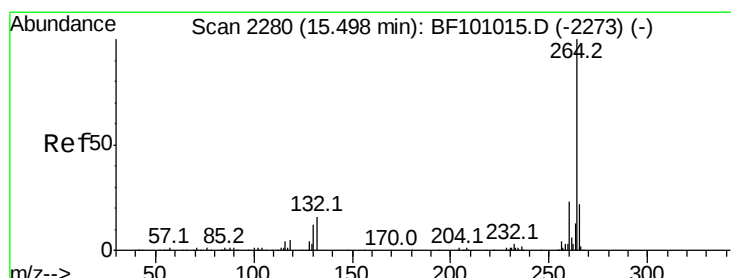
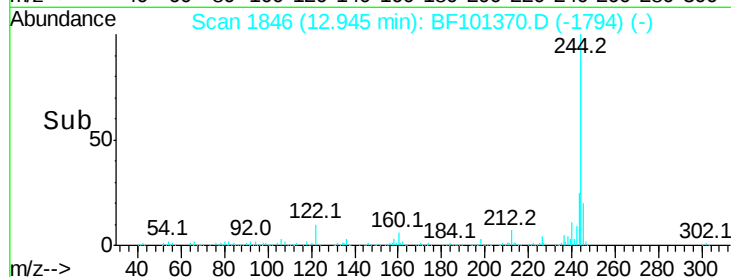
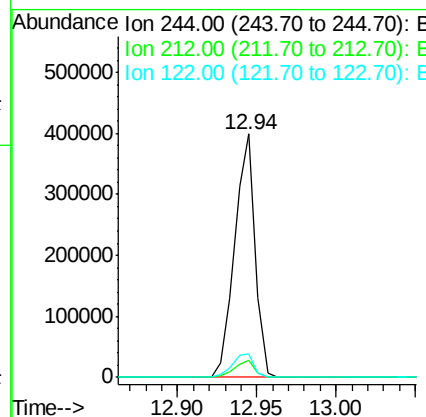
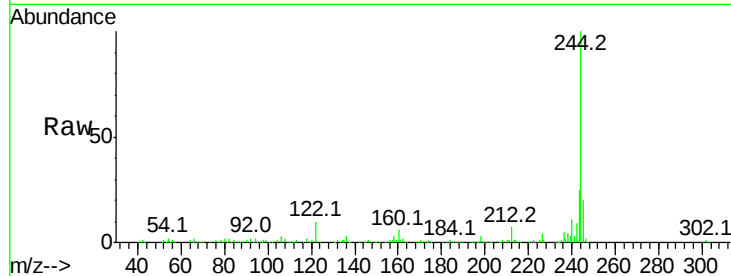




#78
 Terphenyl-d14
 Concen: 104.149 ng
 RT: 12.94 min Scan# 1846
 Delta R.T. 0.01 min
 Lab File: BF101370.D
 Acq: 13 Dec 2017 10:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 354796
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 9.6 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2278
 Delta R.T. 0.02 min
 Lab File: BF101370.D
 Acq: 13 Dec 2017 10:52

Tgt Ion:264 Resp: 58574
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.2 28.8
 265 22.2 17.5 26.3

