

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121217\
 Data File : BF101371.D
 Acq On : 13 Dec 2017 11:19
 Operator : SJ/JU
 Sample : I6763-06
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 13 12:06:32 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

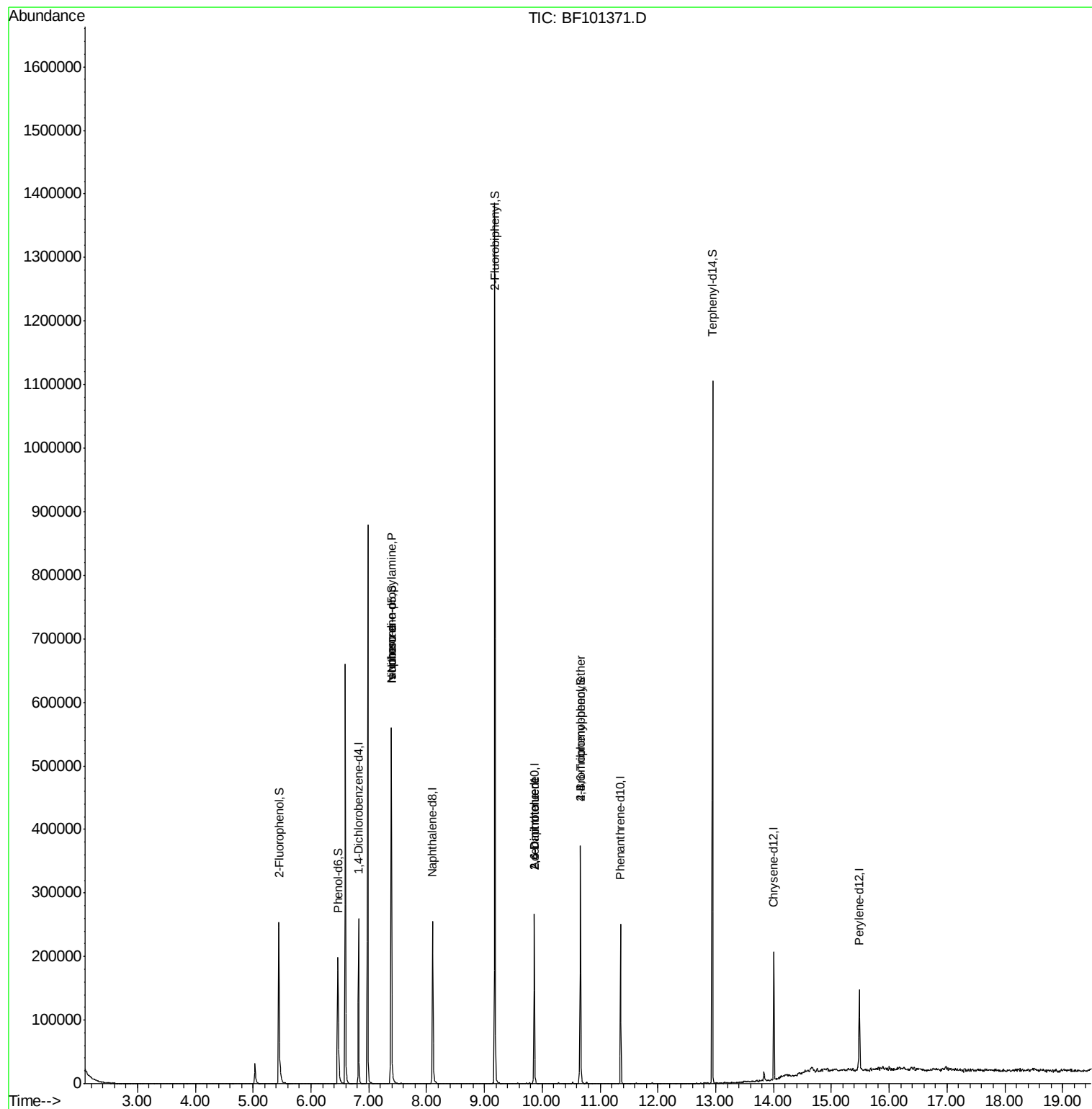
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	38904	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	132603	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	51885	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	92935	20.00	ng	0.00
75) Chrysene-d12	14.01	240	76335	20.00	ng	0.00
86) Perylene-d12	15.49	264	58896	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	99475	42.25	ng	0.00
7) Phenol-d6	6.46	99	84610	29.60	ng	0.00
23) Nitrobenzene-d5	7.39	82	182972	82.31	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	49393	79.25	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	412676	108.82	ng	0.00
78) Terphenyl-d14	12.94	244	356954	102.28	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	23251	12.078	ng	# 84
25) Isophorone	7.39	82	182972	48.189	ng	# 64
50) 2,6-Dinitrotoluene	9.86	165	6417	7.281	ng	# 24
56) 2,4-Dinitrotoluene	9.86	165	6417	5.433	ng	# 21
66) 4-Bromophenyl-phenylether	10.66	248	3054	2.936	ng	# 1

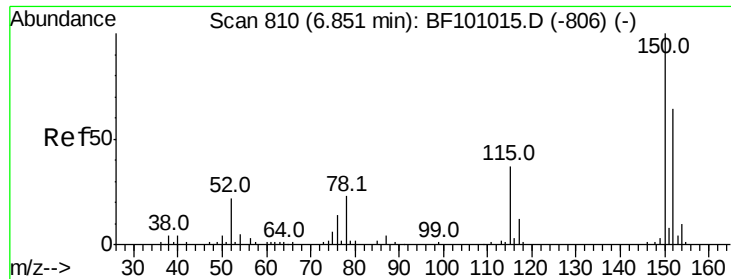
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BF101371.D
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Misc :
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Instrument :
BNA_F
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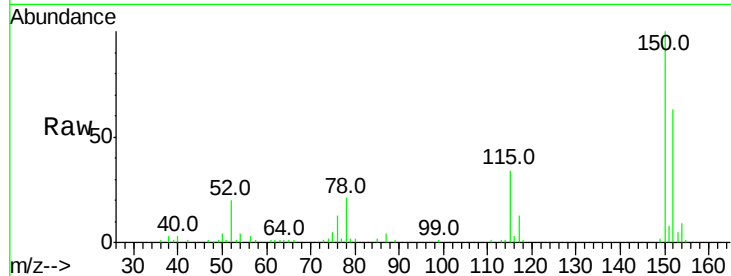


#1

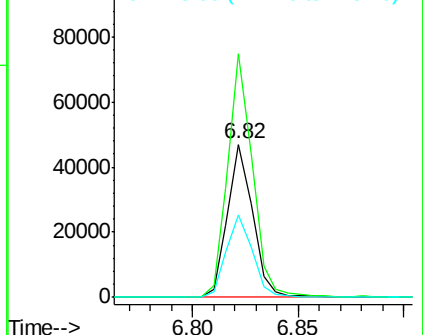
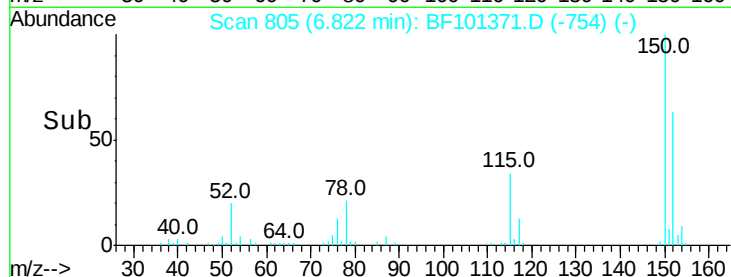
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF101371.D
Acq: 13 Dec 2017 11:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 38904
Ion Ratio Lower Upper
152 100
150 159.1 124.6 186.8
115 53.8 50.1 75.1



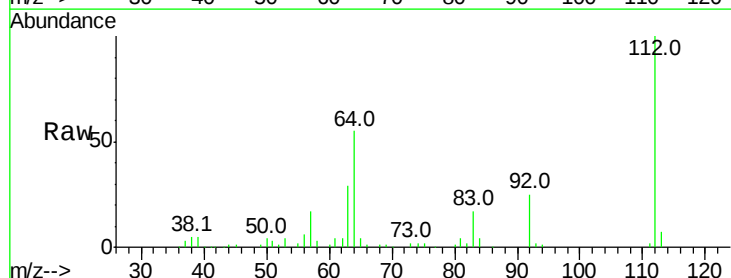
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



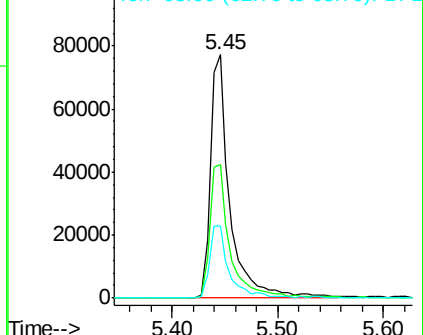
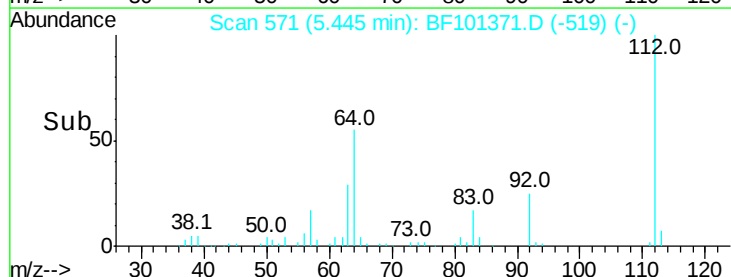
#5

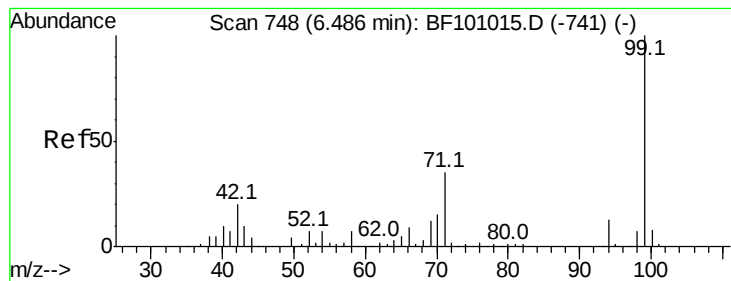
2-Fluorophenol
Concen: 42.252 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF101371.D
Acq: 13 Dec 2017 11:19

Tgt Ion:112 Resp: 99475
Ion Ratio Lower Upper
112 100
64 54.6 47.9 71.9
63 29.4 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: 29.601 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF101371.D

Acq: 13 Dec 2017 11:19

Instrument :

BNA_F

ClientSampleId :

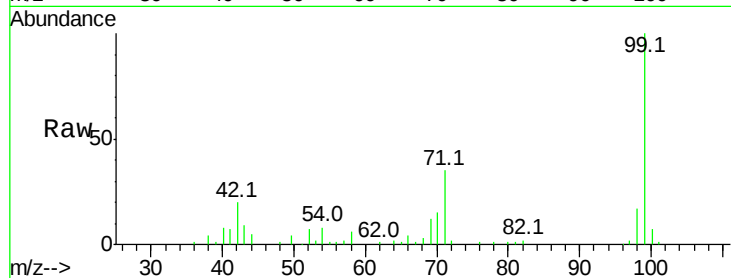
Tot Ion: 99 Resp: 84610

Ion Ratio Lower Upper

99 100

42 19.8 14.5 21.7

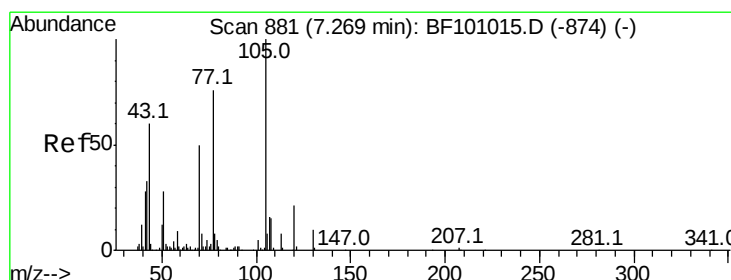
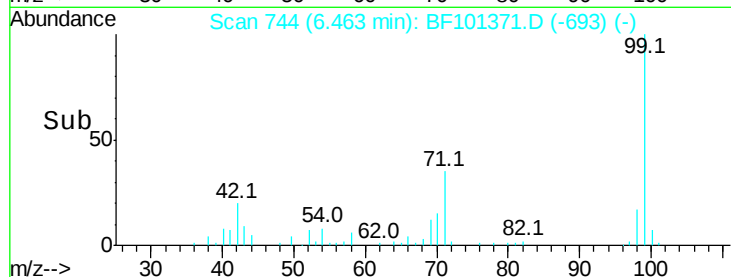
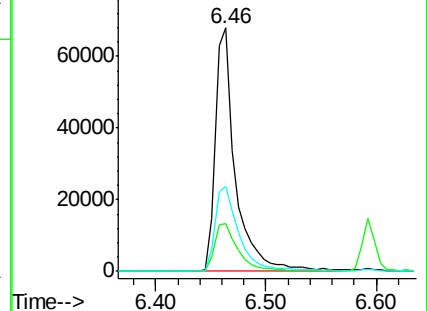
71 34.9 25.4 38.0



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: 12.078 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.15 min

Lab File: BF101371.D

Acq: 13 Dec 2017 11:19

Tgt Ion: 70 Resp: 23251

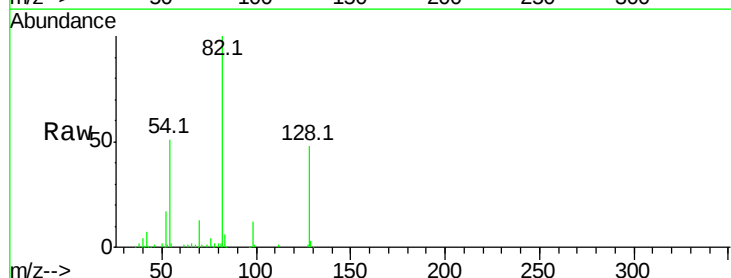
Ion Ratio Lower Upper

70 100

42 54.4 47.5 71.3

101 0.0 7.4 11.2#

130 2.6 16.6 25.0#

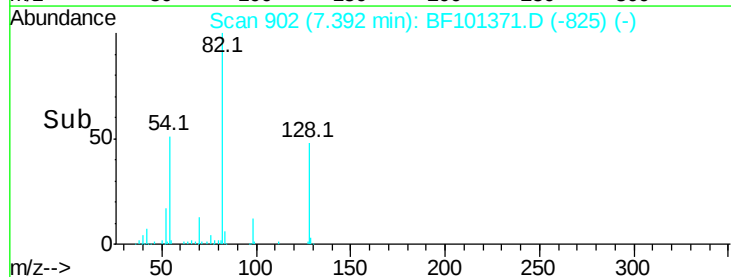
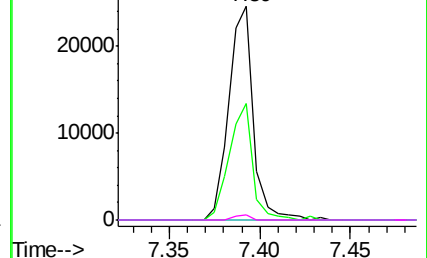


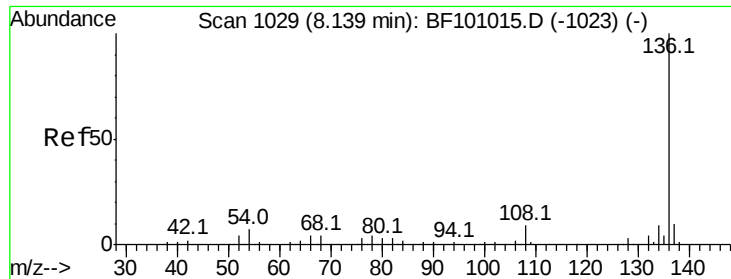
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

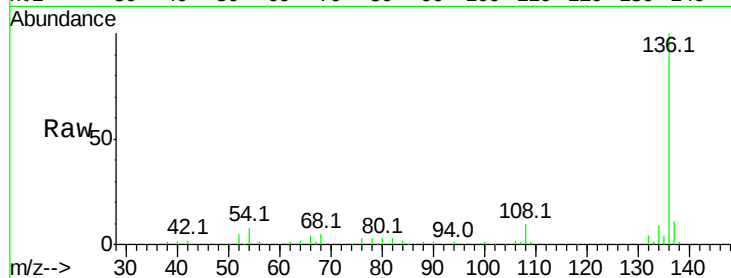




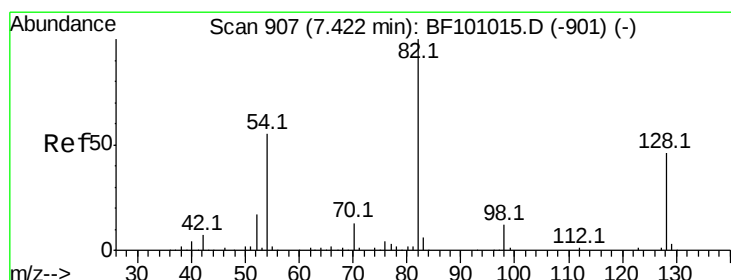
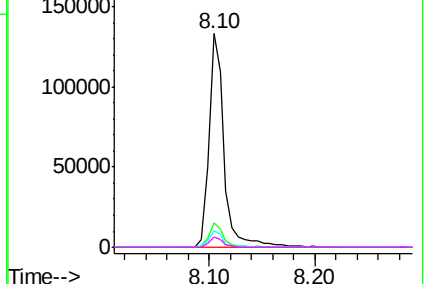
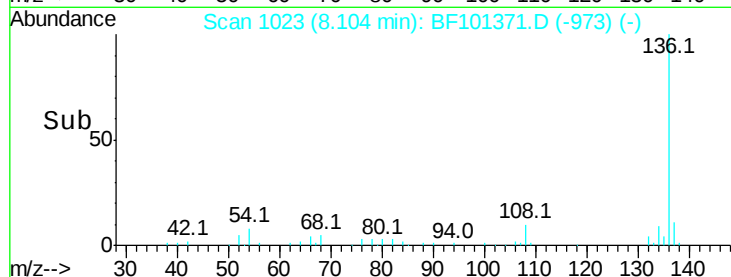
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF101371.D
Acq: 13 Dec 2017 11:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	132603
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	7.8	6.6	9.8
68	4.6	5.0	7.4#

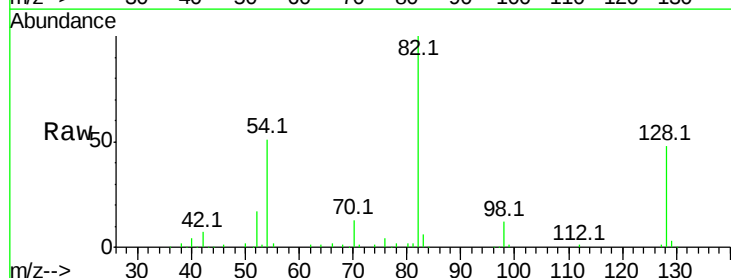


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

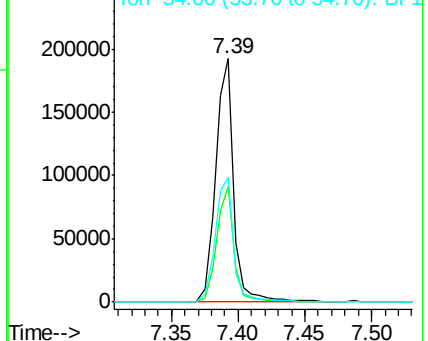
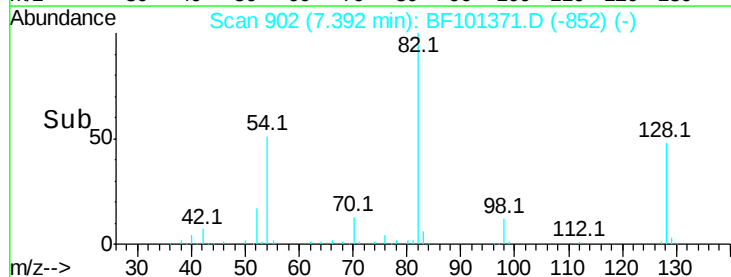


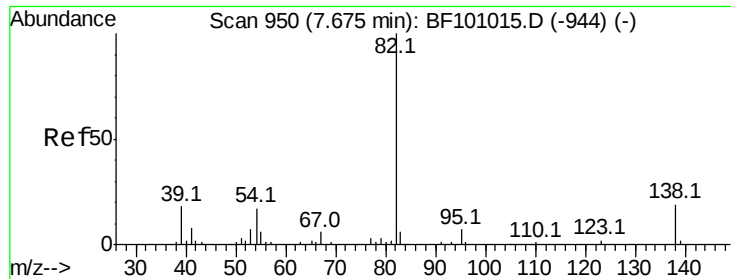
#23
Nitrobenzene-d5
Concen: 82.312 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF101371.D
Acq: 13 Dec 2017 11:19

Tgt Ion:	82	Resp:	182972
Ion	Ratio	Lower	Upper
82	100		
128	47.7	36.1	54.1
54	51.4	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: 48.189 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.26 min

Lab File: BF101371.D

Acq: 13 Dec 2017 11:19

Instrument :

BNA_F

ClientSampleId :

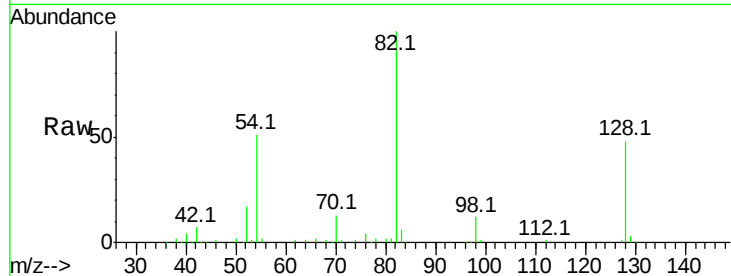
Tot Ion: 82 Resp: 182972

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

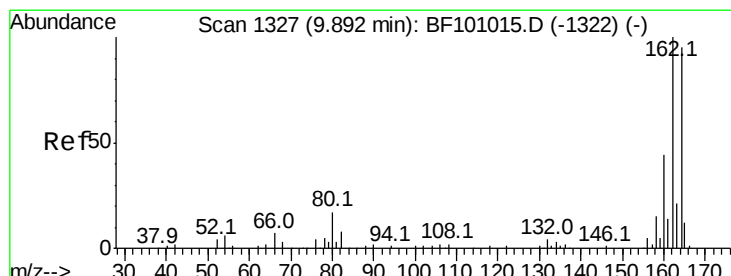
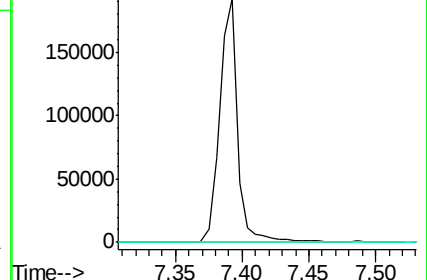
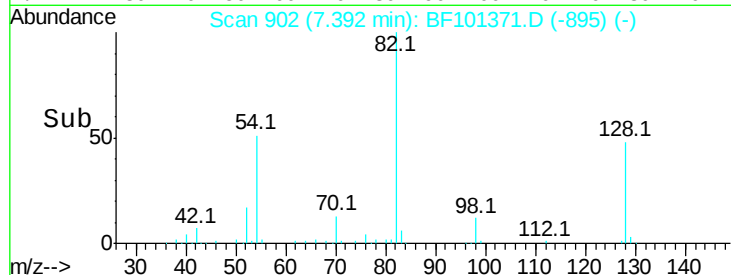
138 0.0 14.9 22.3#



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: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF101371.D

Acq: 13 Dec 2017 11:19

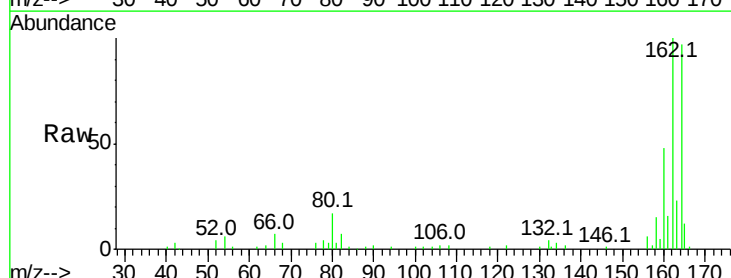
Tgt Ion:164 Resp: 51885

Ion Ratio Lower Upper

164 100

162 102.8 86.1 129.1

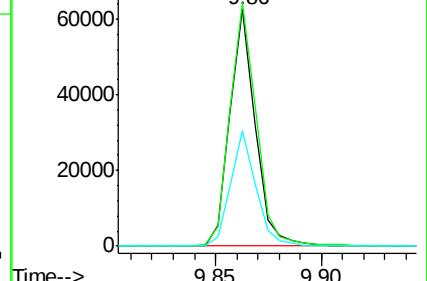
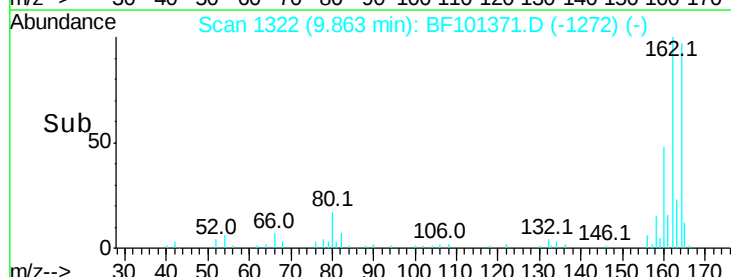
160 48.8 38.3 57.5



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

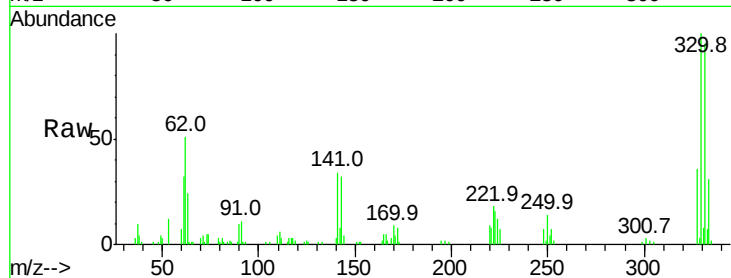




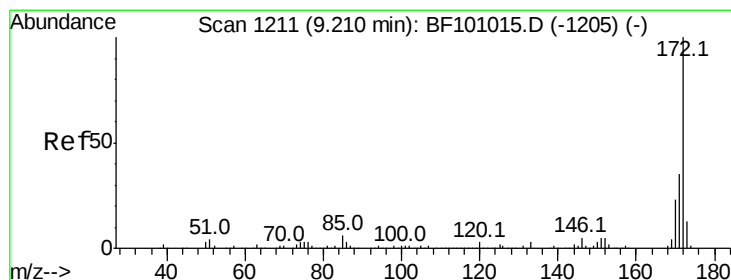
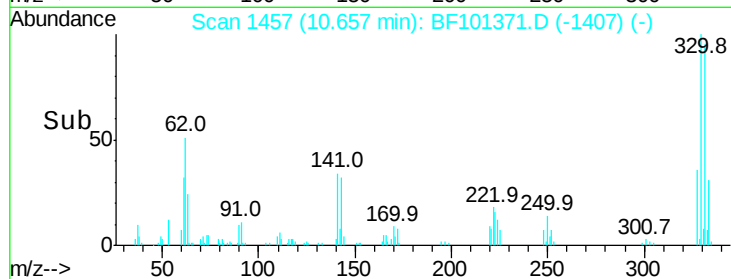
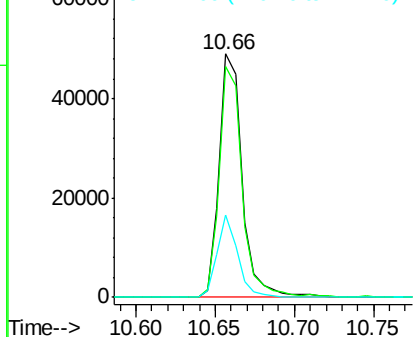
#41
 2,4,6-Tribromophenol
 Concen: 79.246 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: BF101371.D
 Acq: 13 Dec 2017 11:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.0	115.6
141	30.1	29.9	44.9

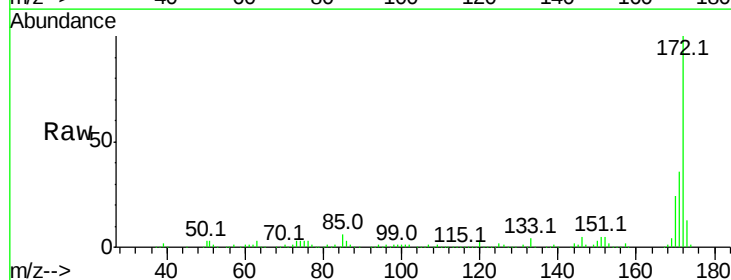


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

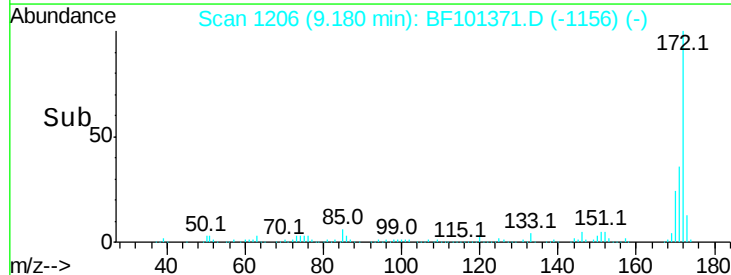
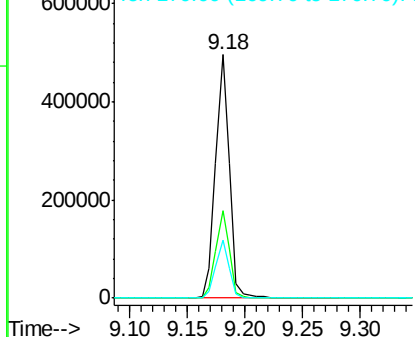


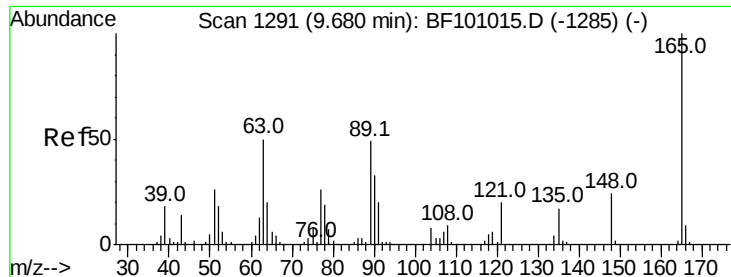
#44
 2-Fluorobiphenyl
 Concen: 108.822 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF101371.D
 Acq: 13 Dec 2017 11:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	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

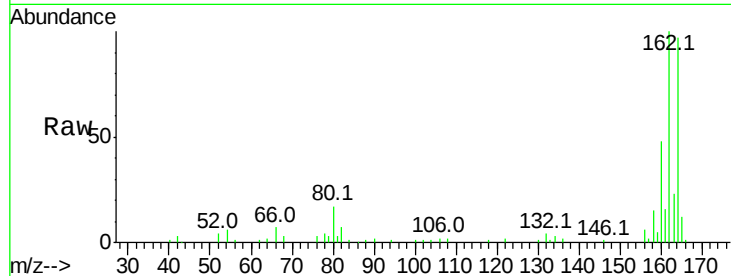




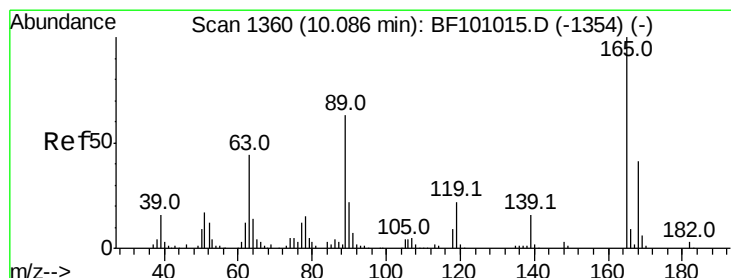
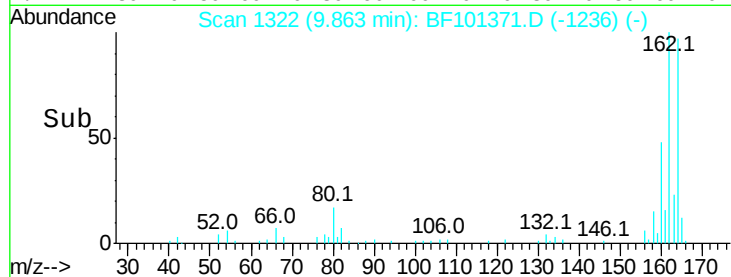
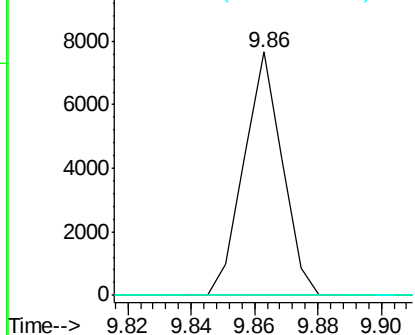
#50
 2,6-Dinitrotoluene
 Concen: 7.281 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. 0.21 min
 Lab File: BF101371.D
 Acq: 13 Dec 2017 11:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 6417
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 0.0 44.0 66.0#

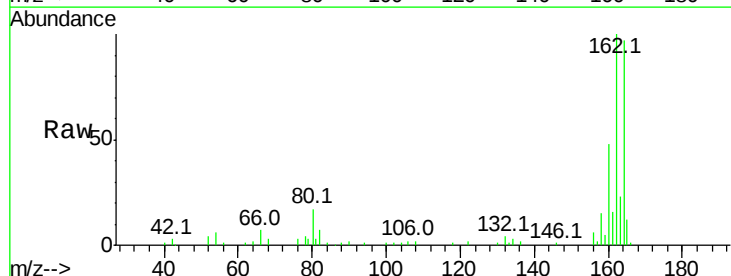


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

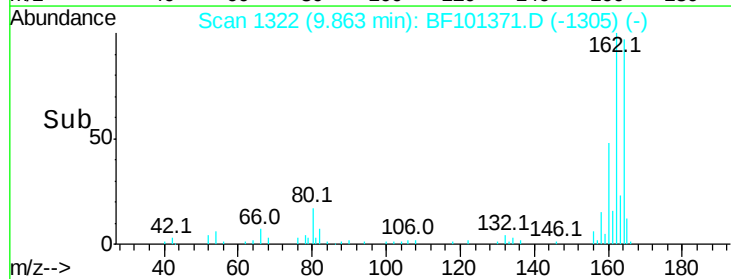
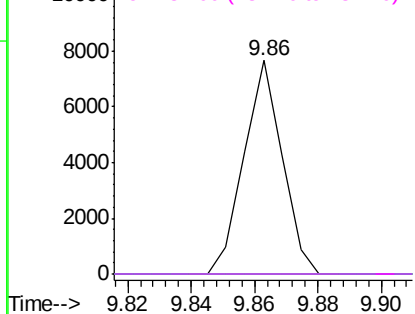


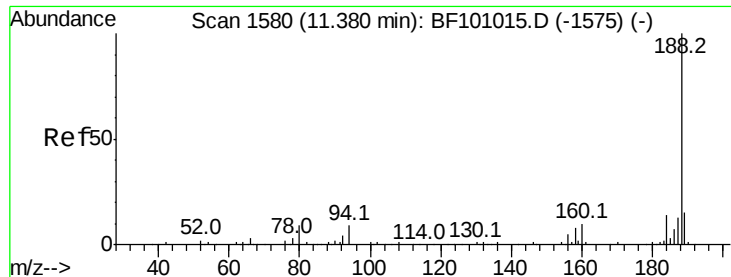
#56
 2,4-Dinitrotoluene
 Concen: 5.433 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.20 min
 Lab File: BF101371.D
 Acq: 13 Dec 2017 11:19

Tgt Ion:165 Resp: 6417
 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

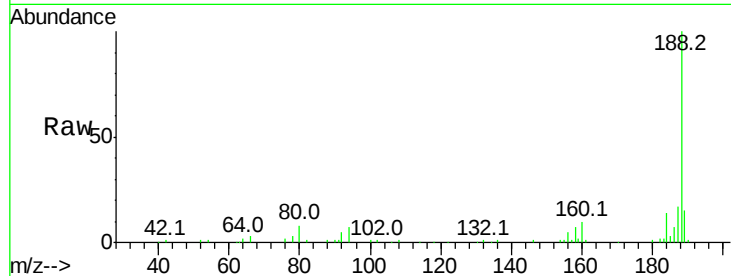




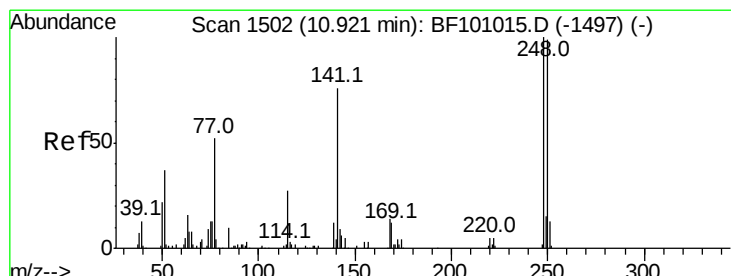
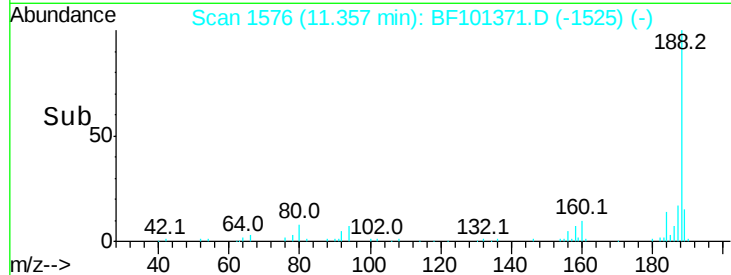
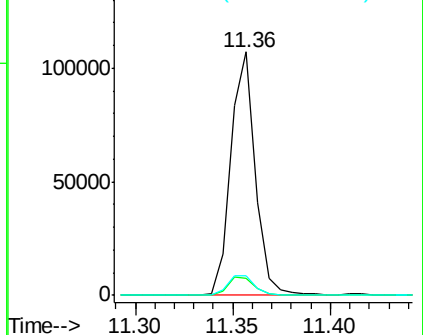
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. 0.00 min
 Lab File: BF101371.D
 Acq: 13 Dec 2017 11:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 92935
 Ion Ratio Lower Upper
 188 100
 94 6.8 8.5 12.7#
 80 8.1 9.2 13.8#

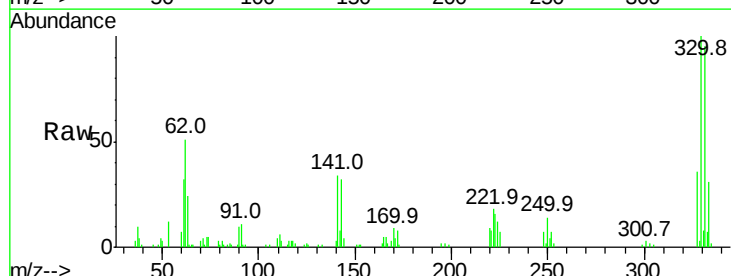


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

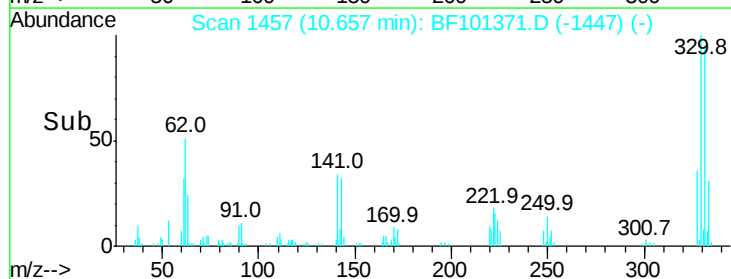
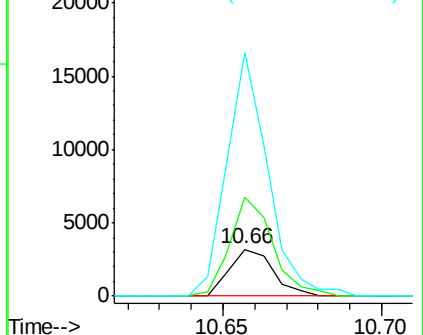


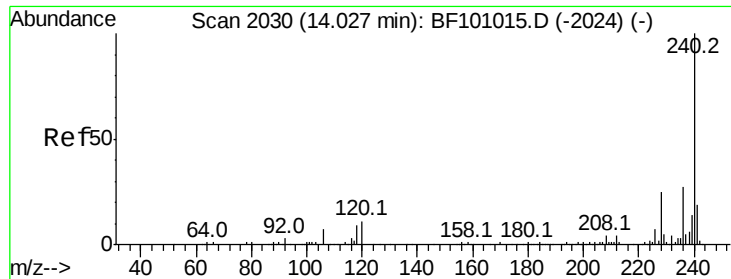
#66
 4-Bromophenyl-phenylether
 Concen: 2.936 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.24 min
 Lab File: BF101371.D
 Acq: 13 Dec 2017 11:19

Tgt Ion:248 Resp: 3054
 Ion Ratio Lower Upper
 248 100
 250 210.9 76.9 115.3#
 141 520.6 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

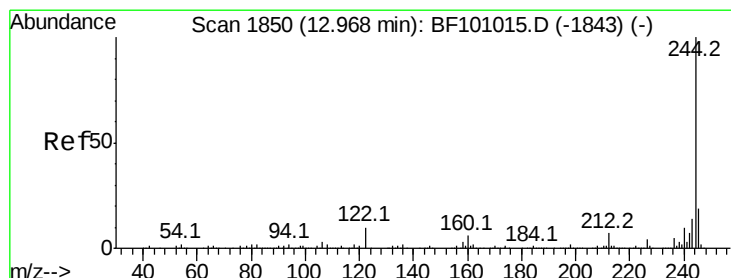
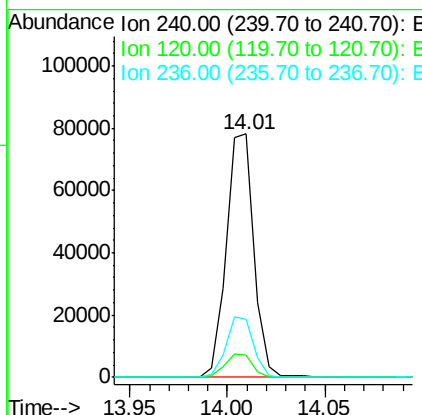
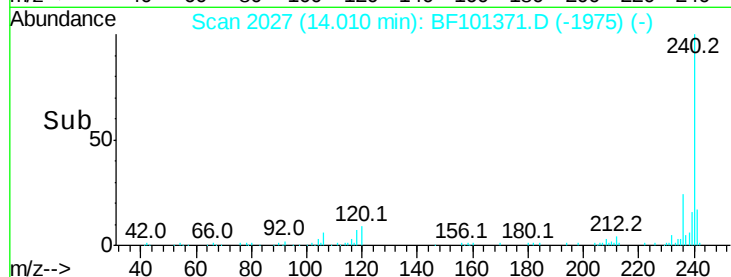
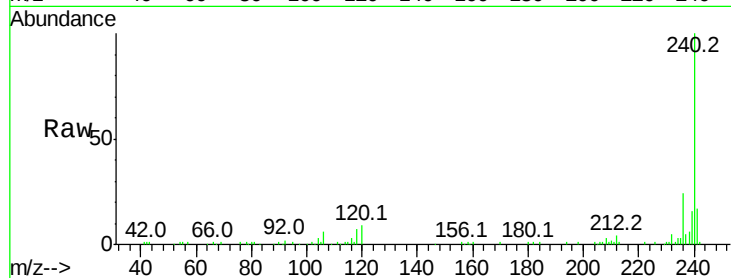




#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BF101371.D
Acq: 13 Dec 2017 11:19

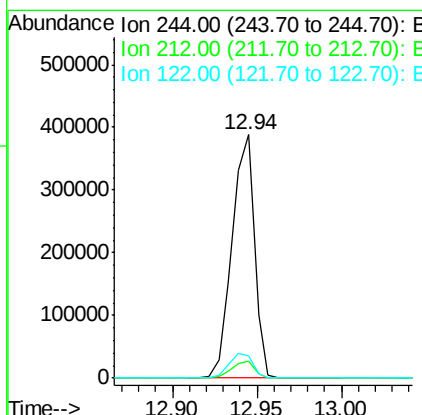
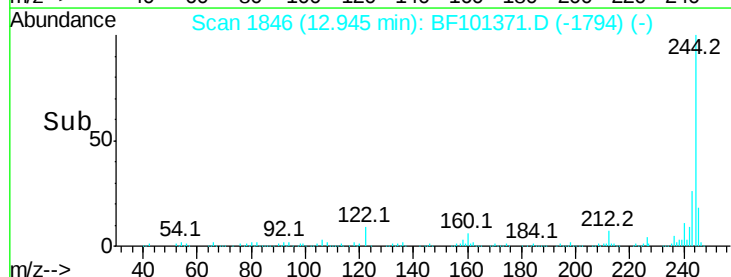
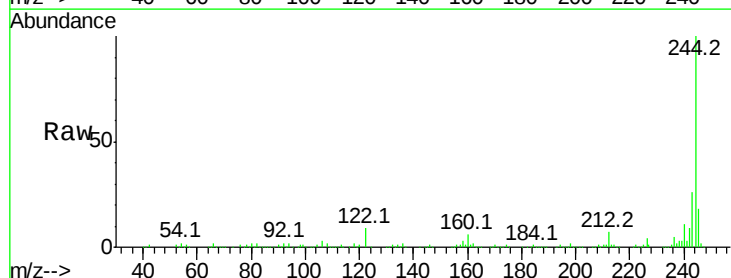
Instrument :
BNA_F
ClientSampleId :

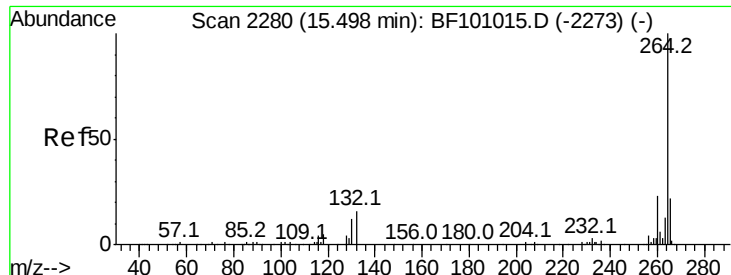
Tot Ion:240 Resp: 76335
Ion Ratio Lower Upper
240 100
120 8.9 9.5 14.3#
236 23.9 20.7 31.1



#78
Terphenyl-d14
Concen: 102.280 ng
RT: 12.94 min Scan# 1846
Delta R.T. 0.01 min
Lab File: BF101371.D
Acq: 13 Dec 2017 11:19

Tgt Ion:244 Resp: 356954
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.0
122 9.4 11.0 16.4#

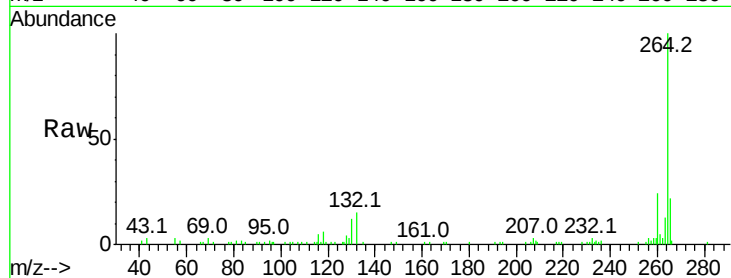




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2278
 Delta R.T. 0.02 min
 Lab File: BF101371.D
 Acq: 13 Dec 2017 11:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	22.0	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

