

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113017\
 Data File : BF101038.D
 Acq On : 1 Dec 2017 00:39
 Operator : SJ/JU
 Sample : I6618-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 01 03:29:31 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

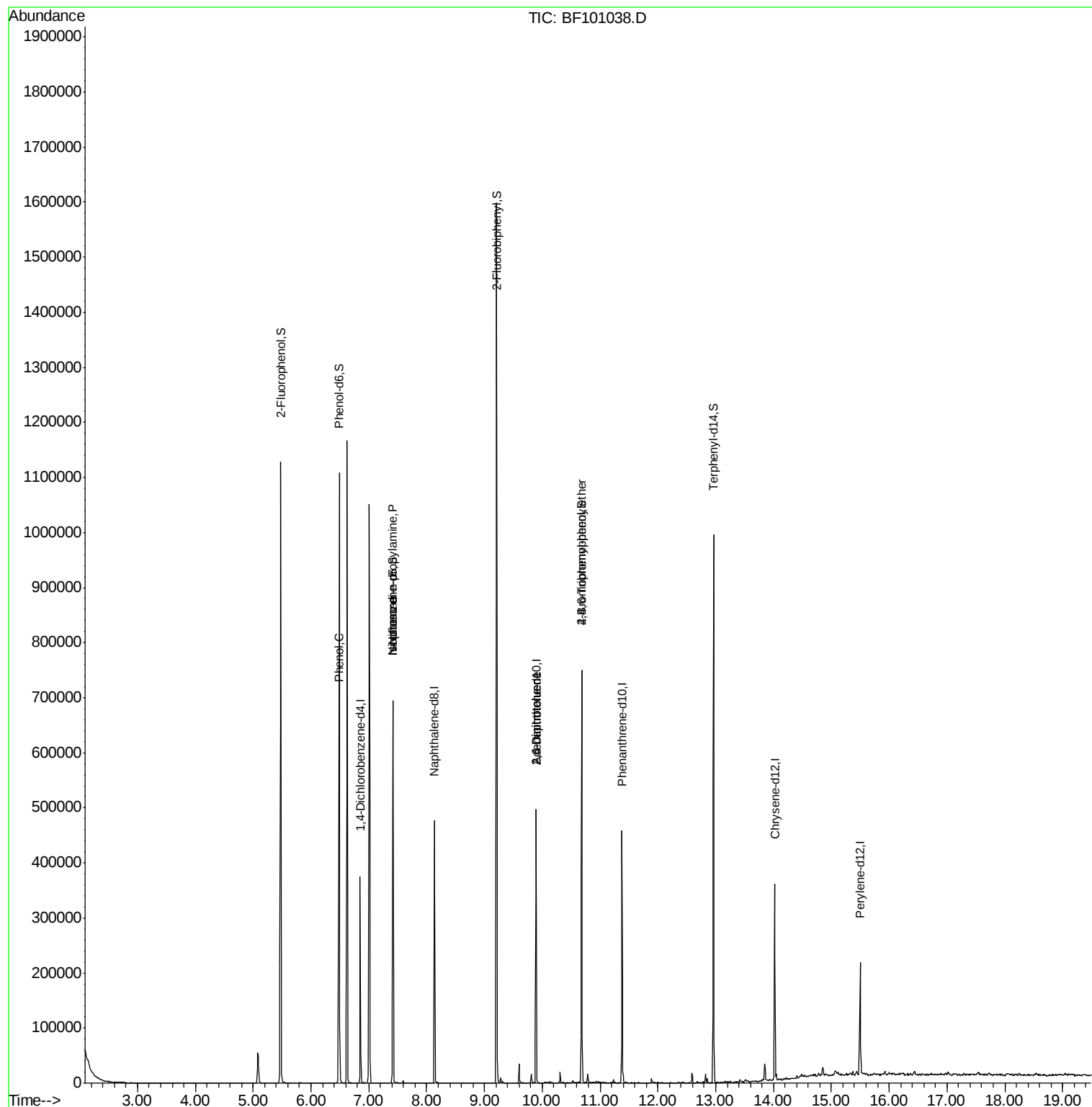
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	54170	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	210557	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	94006	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	159106	20.00	ng	0.00
75) Chrysene-d12	14.02	240	116315	20.00	ng	0.00
86) Perylene-d12	15.50	264	97630	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	307316	93.75	ng	0.00
7) Phenol-d6	6.49	99	379755	95.42	ng	0.00
23) Nitrobenzene-d5	7.42	82	229457	65.01	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	89489	79.24	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	453414	65.99	ng	0.00
78) Terphenyl-d14	12.96	244	330169	62.09	ng	0.00
Target Compounds						
10) Phenol	6.50	94	13107	2.962	ng	93
19) n-Nitroso-di-n-propylamine	7.42	70	29980	11.185	ng	# 79
25) Isophorone	7.42	82	229457	38.058	ng	# 64
50) 2,6-Dinitrotoluene	9.89	165	11806	7.394	ng	# 24
56) 2,4-Dinitrotoluene	9.89	165	11806	5.517	ng	# 21
66) 4-Bromophenyl-phenylether	10.68	248	5771	3.240	ng	# 1

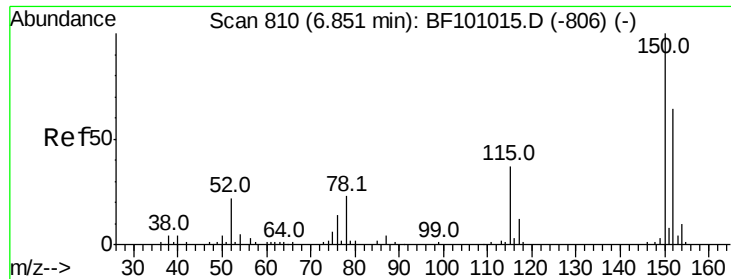
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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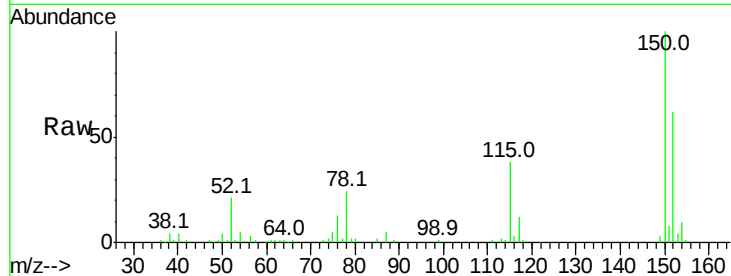


#1

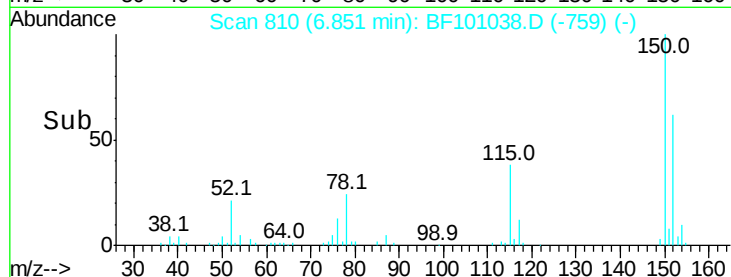
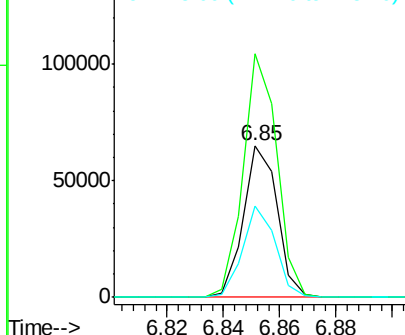
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF101038.D
Acq: 1 Dec 2017 00:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 54170
Ion Ratio Lower Upper
152 100
150 160.6 124.6 186.8
115 60.6 50.1 75.1



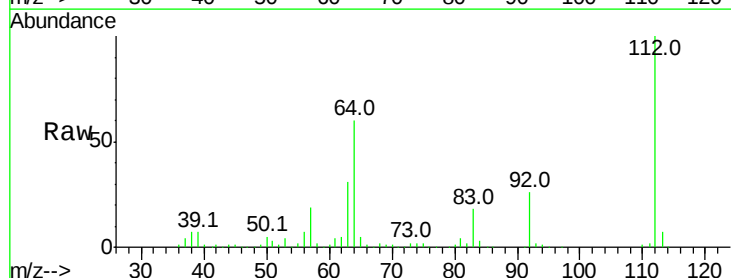
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



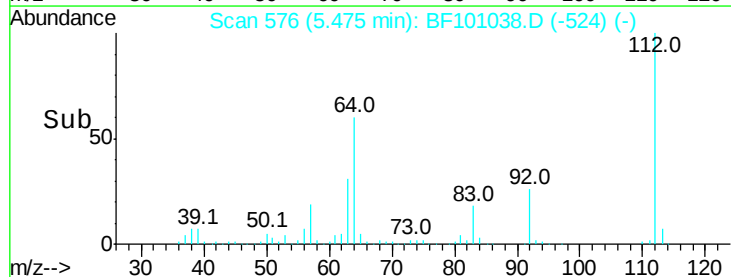
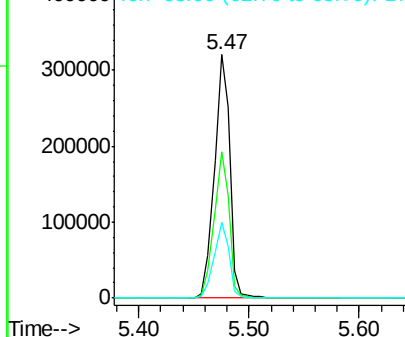
#5

2-Fluorophenol
Concen: 93.746 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF101038.D
Acq: 1 Dec 2017 00:39

Tgt Ion:112 Resp: 307316
Ion Ratio Lower Upper
112 100
64 60.0 47.9 71.9
63 31.3 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: 95.415 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF101038.D

Acq: 1 Dec 2017 00:39

Instrument :

BNA_F

ClientSampled :

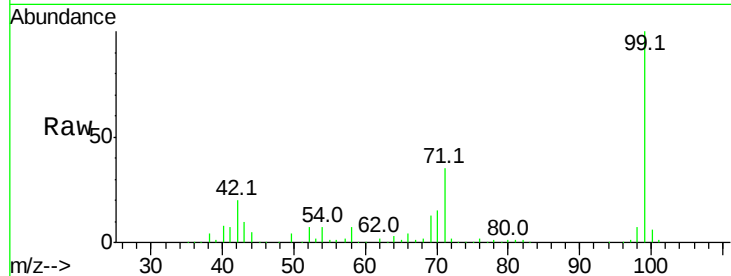
Tot Ion: 99 Resp: 379755

Ion Ratio Lower Upper

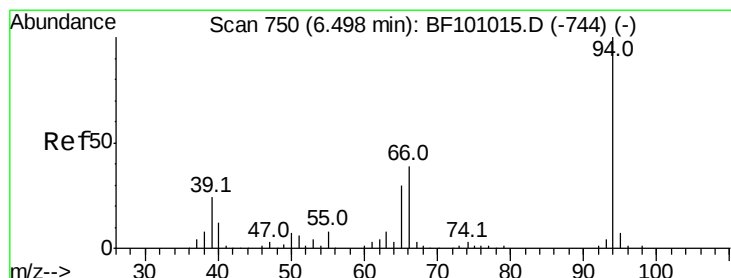
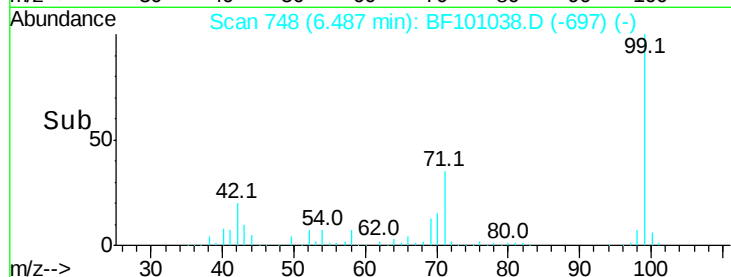
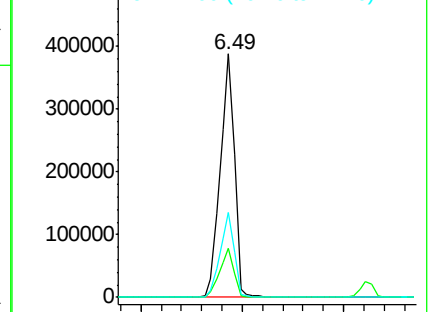
99 100

42 20.1 14.5 21.7

71 34.8 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



#10

Phenol

Concen: 2.962 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF101038.D

Acq: 1 Dec 2017 00:39

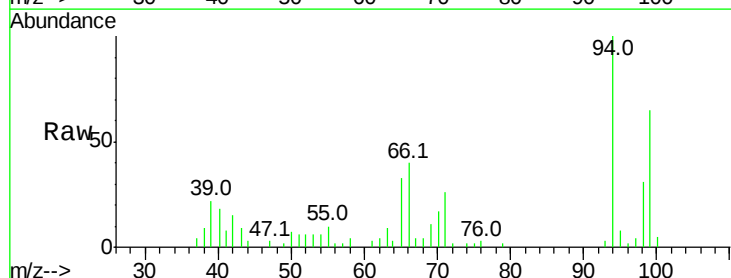
Tgt Ion: 94 Resp: 13107

Ion Ratio Lower Upper

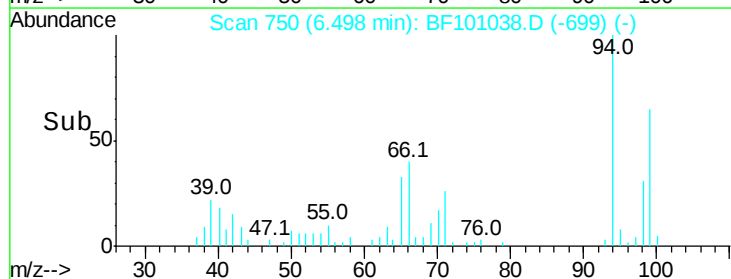
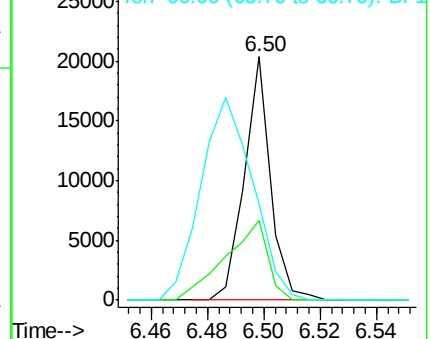
94 100

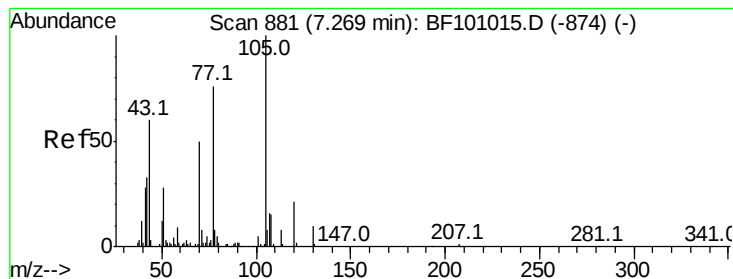
65 32.6 7.9 47.9

66 39.7 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#19

n-Nitroso-di-n-propylamine

Concen: 11.185 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.15 min

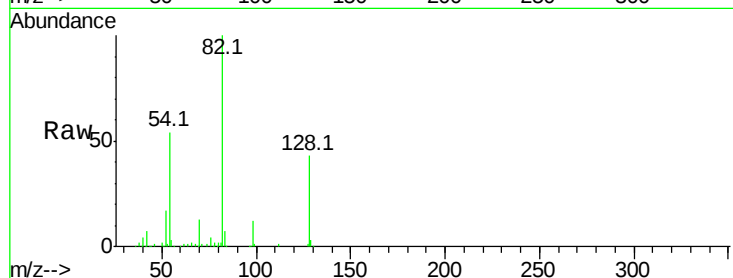
Lab File: BF101038.D

Acq: 1 Dec 2017 00:39

Instrument :

BNA_F

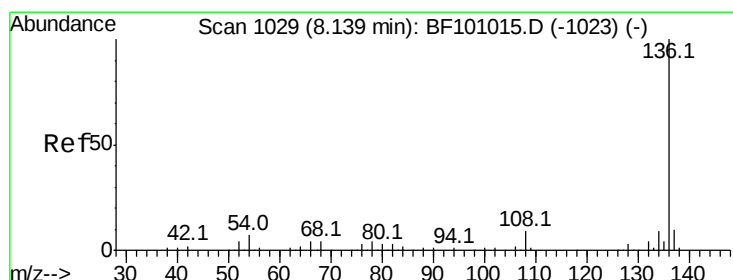
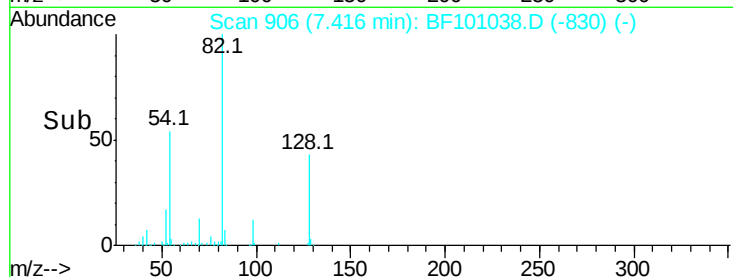
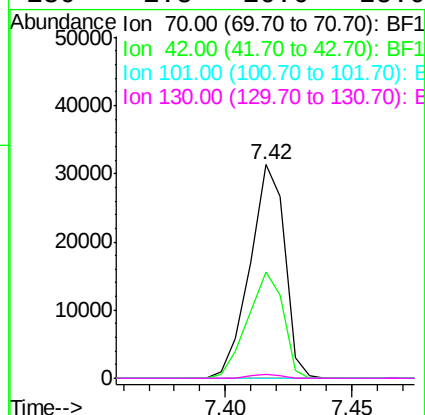
ClientSampled :



Tot Ion: 70 Resp: 29980

Ion Ratio Lower Upper

70	100		
42	49.5	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: 8.13 min Scan# 1028

Delta R.T. -0.01 min

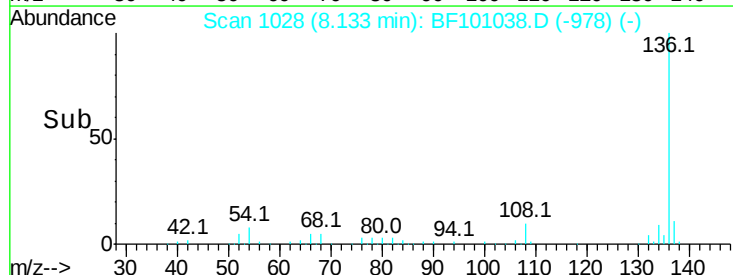
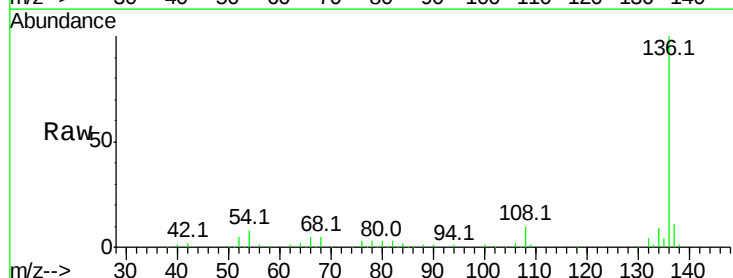
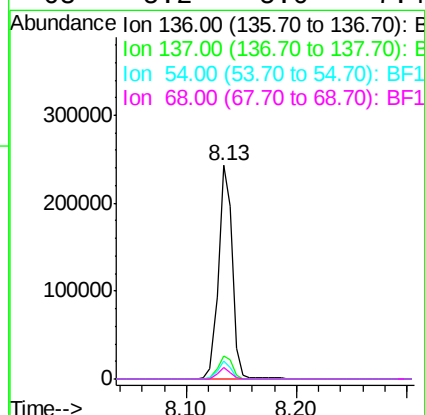
Lab File: BF101038.D

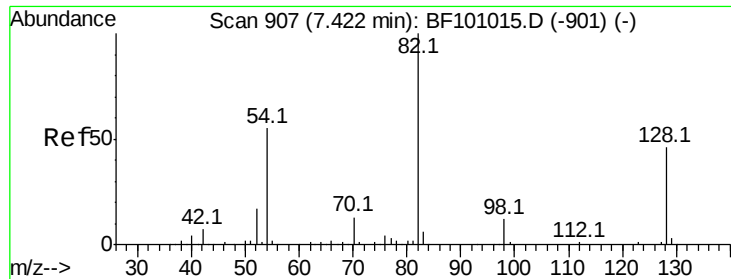
Acq: 1 Dec 2017 00:39

Tgt Ion: 136 Resp: 210557

Ion Ratio Lower Upper

136	100		
137	11.0	8.9	13.3
54	8.2	6.6	9.8
68	5.2	5.0	7.4

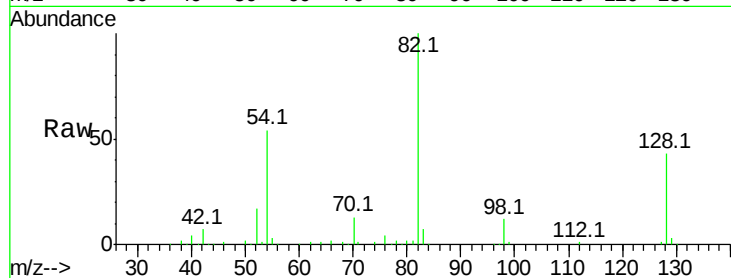




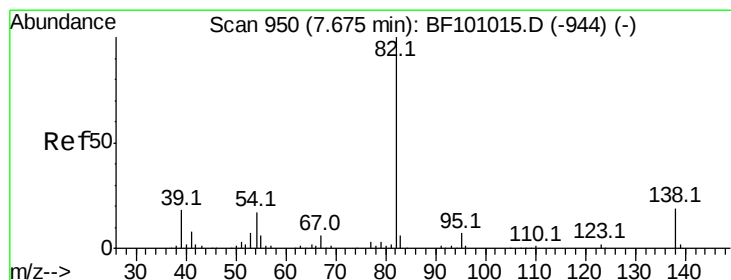
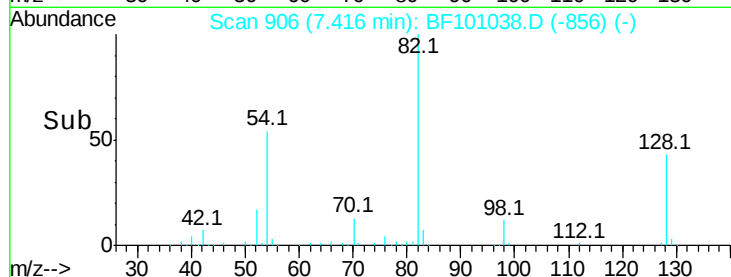
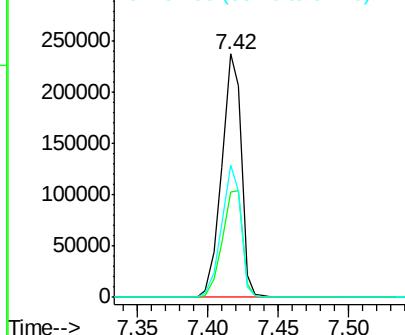
#23
Nitrobenzene-d5
Concen: 65.008 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF101038.D
Acq: 1 Dec 2017 00:39

Instrument :
BNA_F
ClientSampleID :

Tot Ion	82	Resp	229457
Ion Ratio	Lower	Upper	
82	100		
128	43.3	36.1	54.1
54	54.4	41.4	62.2

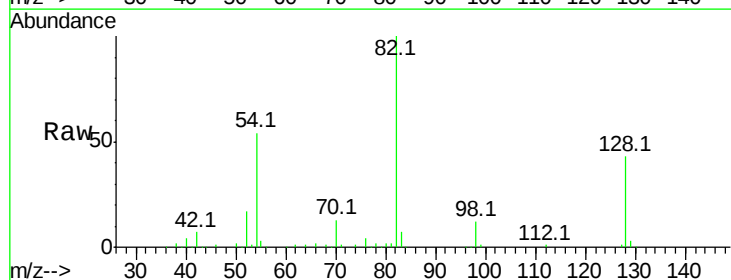


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

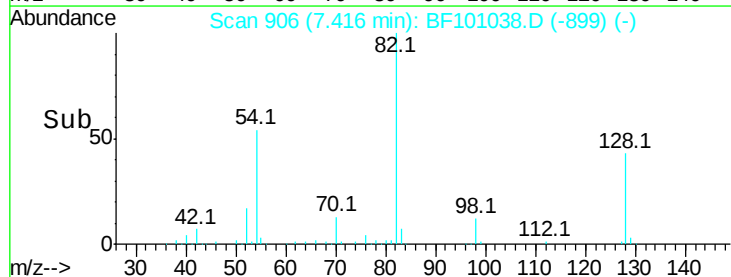
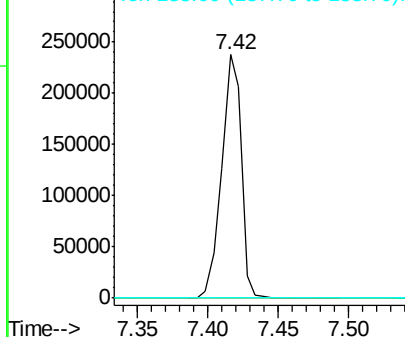


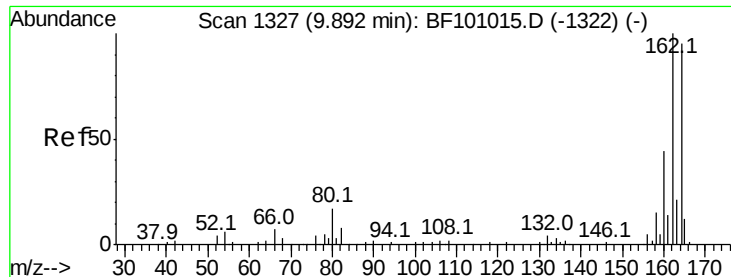
#25
Isophorone
Concen: 38.058 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.26 min
Lab File: BF101038.D
Acq: 1 Dec 2017 00:39

Tgt Ion	82	Resp	229457
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

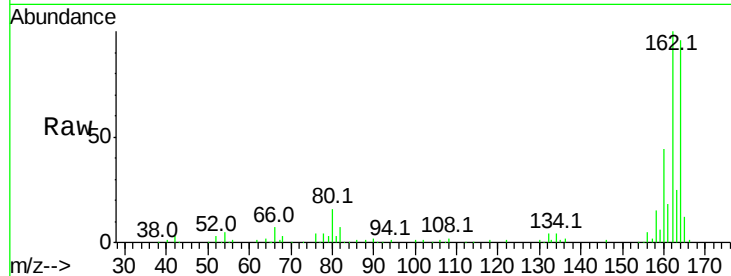




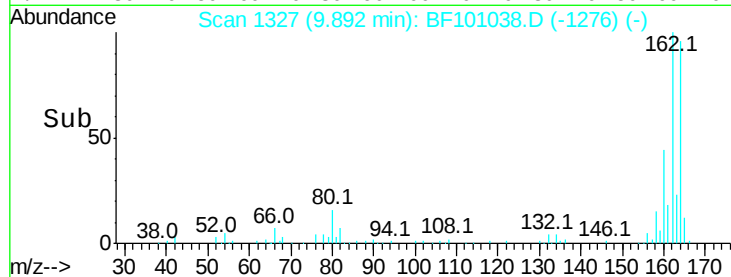
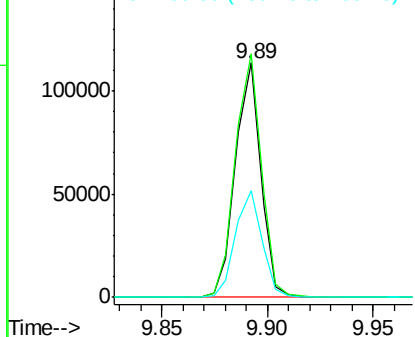
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.00 min
 Lab File: BF101038.D
 Acq: 1 Dec 2017 00:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 94006
 Ion Ratio Lower Upper
 164 100
 162 103.8 86.1 129.1
 160 45.6 38.3 57.5

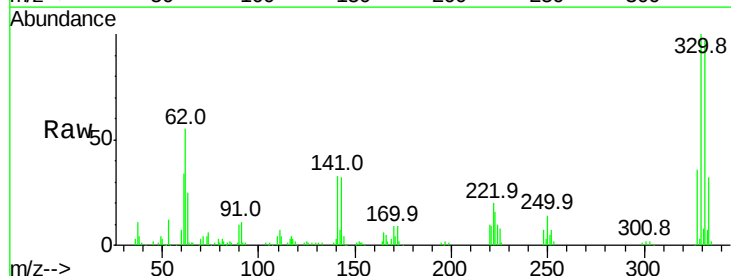


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

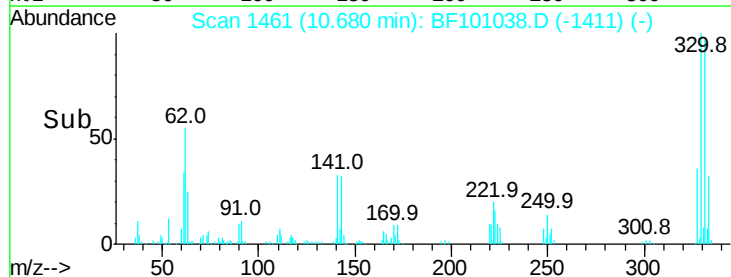
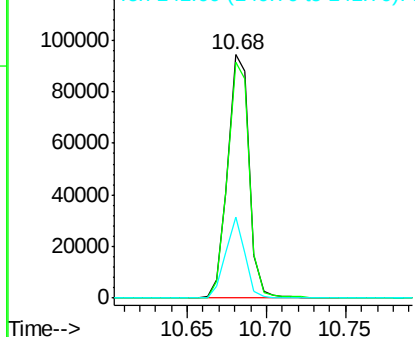


#41
 2,4,6-Tribromophenol
 Concen: 79.244 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF101038.D
 Acq: 1 Dec 2017 00:39

Tgt Ion:330 Resp: 89489
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.0 115.6
 141 29.7 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

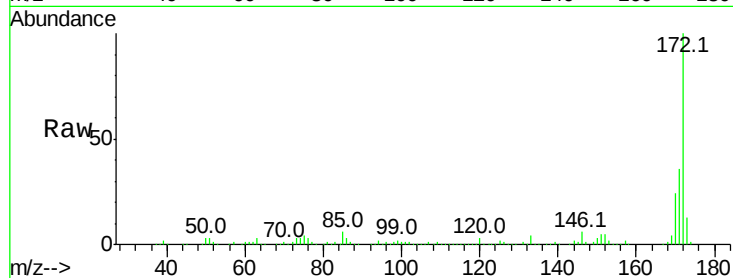




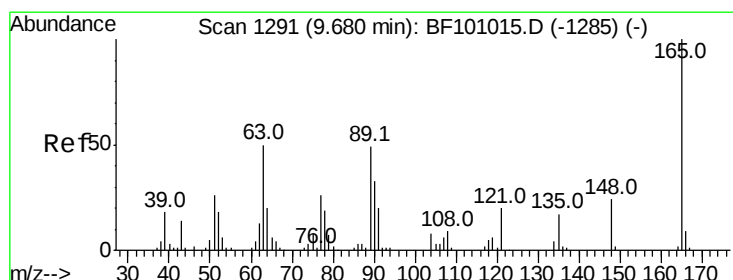
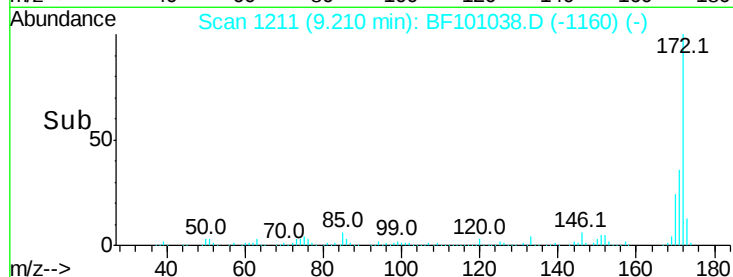
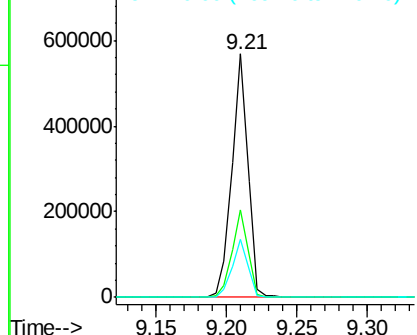
#44
 2-Fluorobiphenyl
 Concen: 65.992 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF101038.D
 Acq: 1 Dec 2017 00:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 453414
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 23.8 19.6 29.4

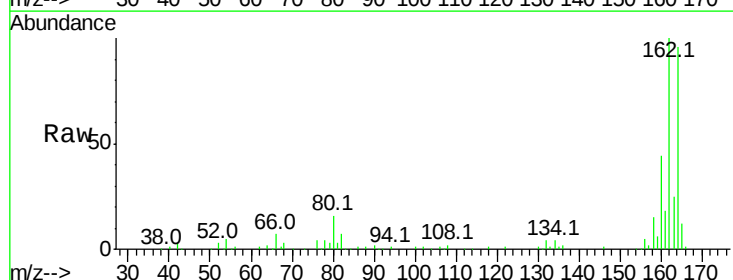


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

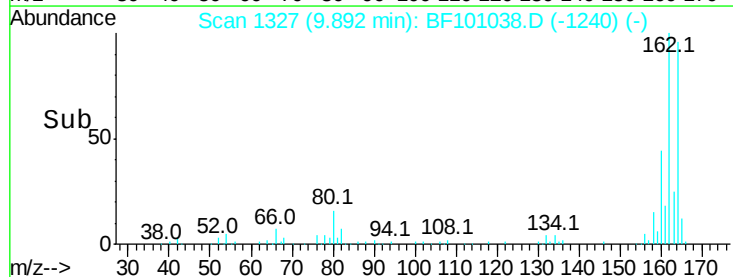
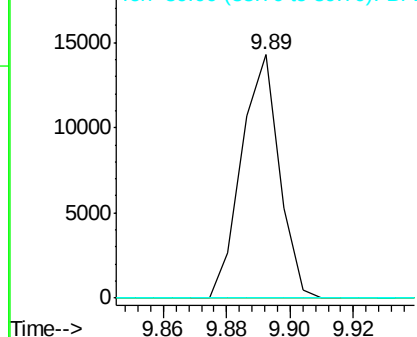


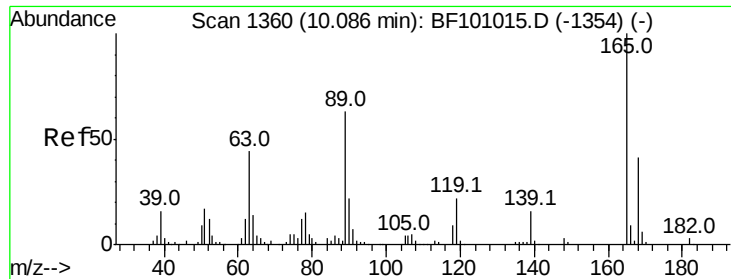
#50
 2,6-Dinitrotoluene
 Concen: 7.394 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.21 min
 Lab File: BF101038.D
 Acq: 1 Dec 2017 00:39

Tgt Ion:165 Resp: 11806
 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

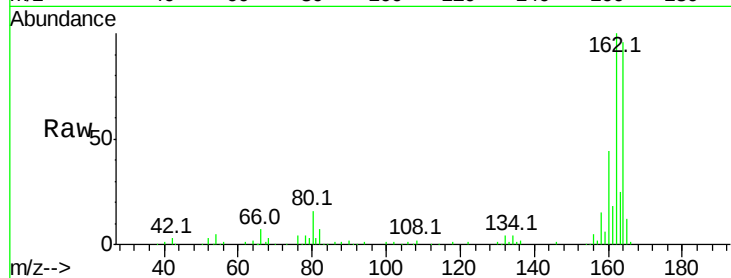




#56
 2,4-Dinitrotoluene
 Concen: 5.517 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.19 min
 Lab File: BF101038.D
 Acq: 1 Dec 2017 00:39

Instrument :
 BNA_F
 ClientSampleId :

Tot 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#

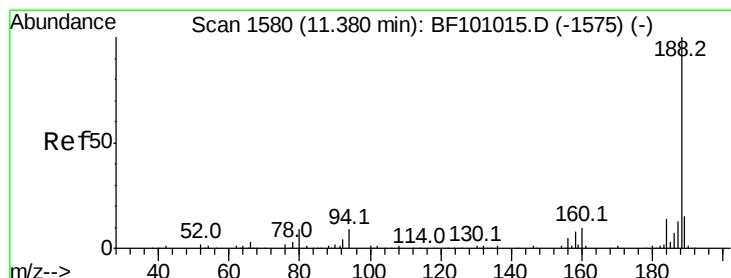
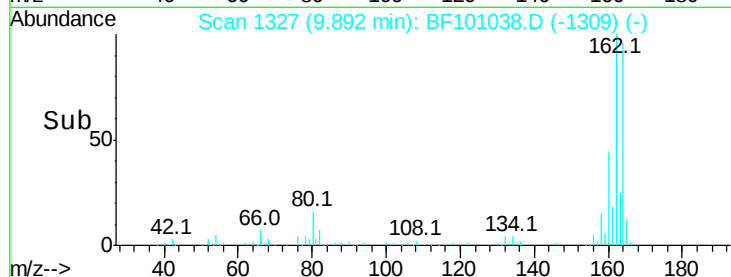
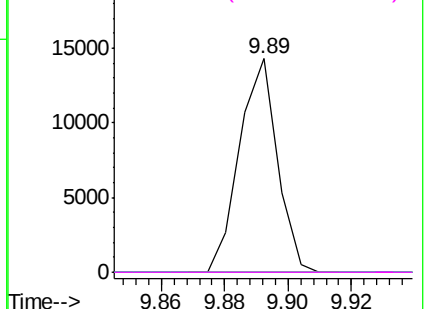


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

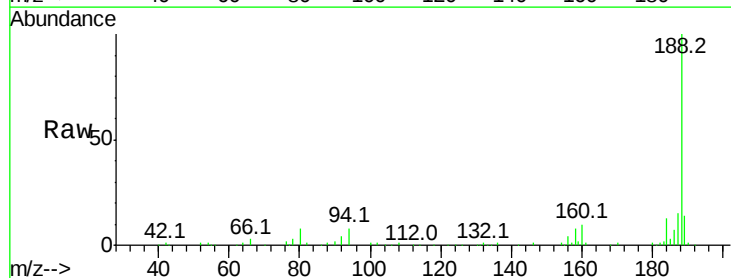
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. 0.00 min
 Lab File: BF101038.D
 Acq: 1 Dec 2017 00:39

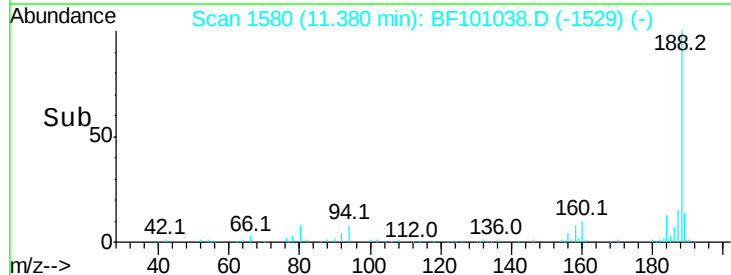
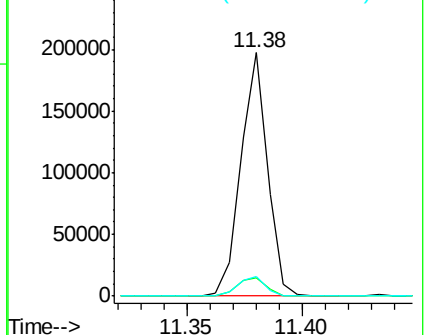
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.6	8.5	12.7#
80	8.1	9.2	13.8#

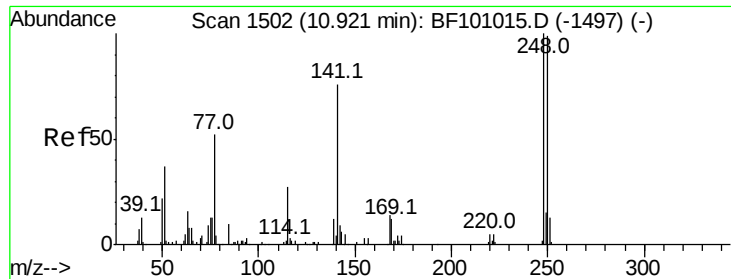


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

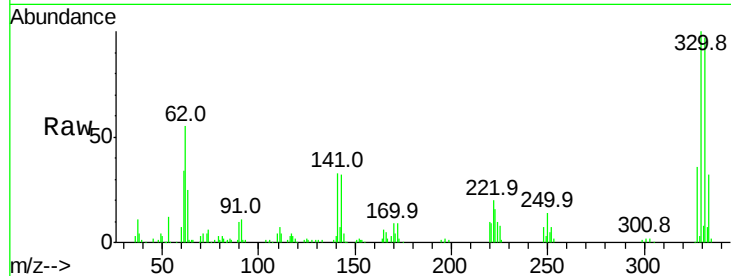




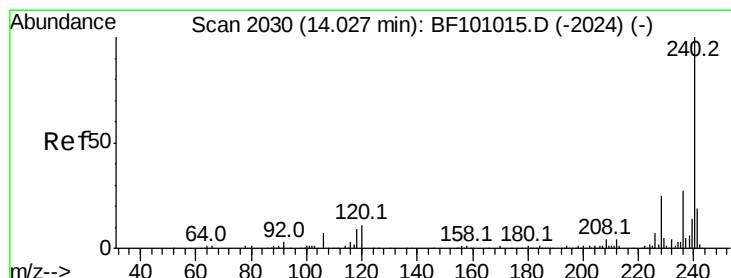
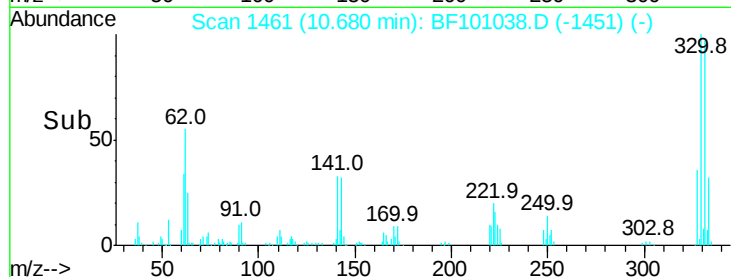
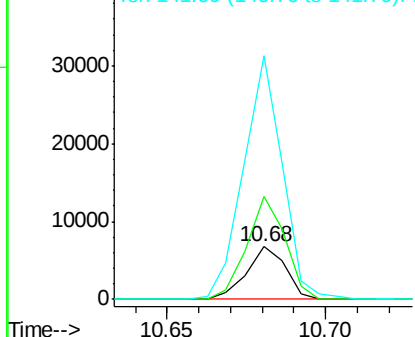
#66
 4-Bromophenyl-phenylether
 Concen: 3.240 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.24 min
 Lab File: BF101038.D
 Acq: 1 Dec 2017 00:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 5771
 Ion Ratio Lower Upper
 248 100
 250 195.9 76.9 115.3#
 141 462.7 74.4 111.6#

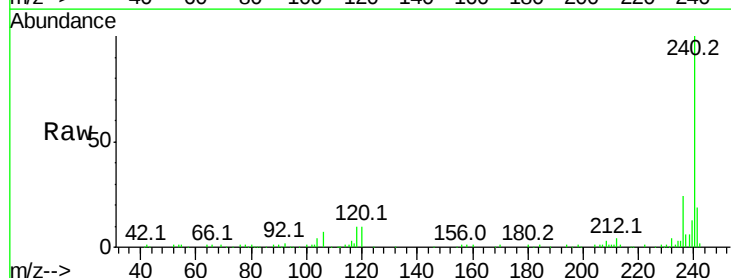


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

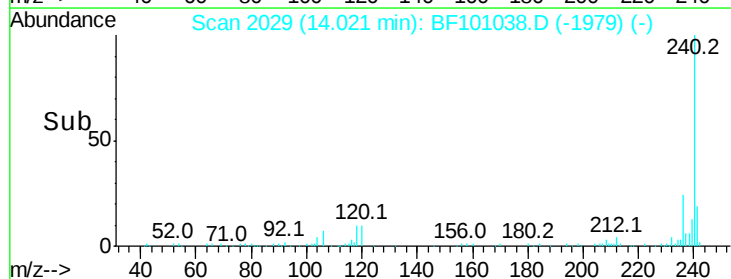
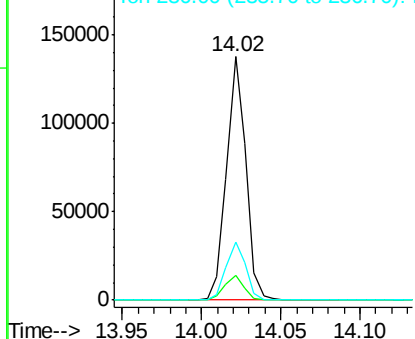


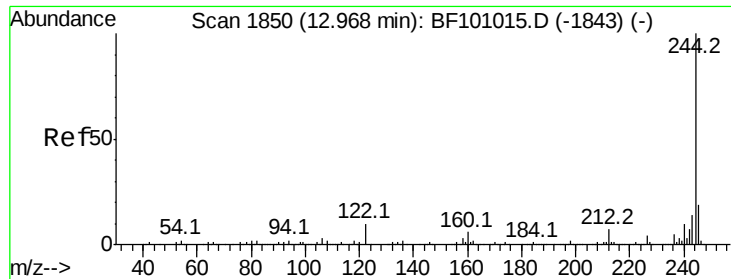
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF101038.D
 Acq: 1 Dec 2017 00:39

Tgt Ion:240 Resp: 116315
 Ion Ratio Lower Upper
 240 100
 120 10.0 9.5 14.3
 236 23.6 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

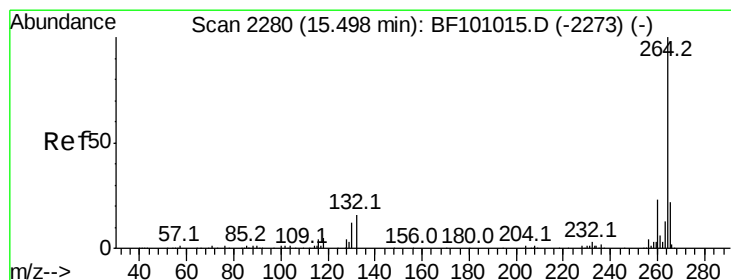
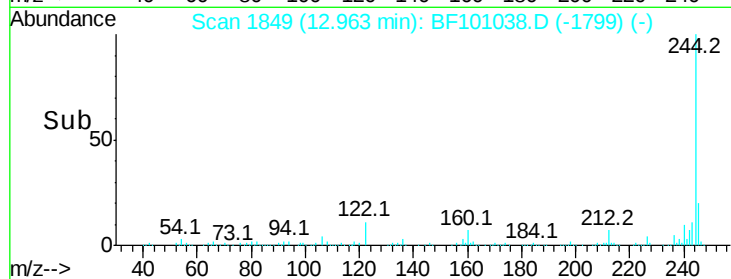
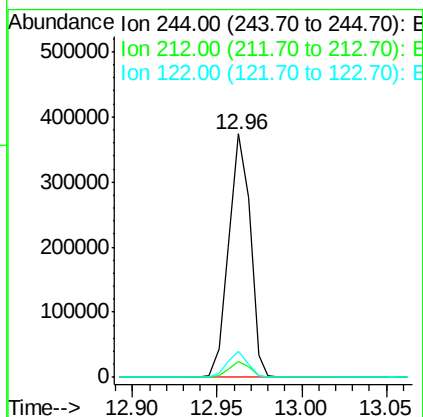
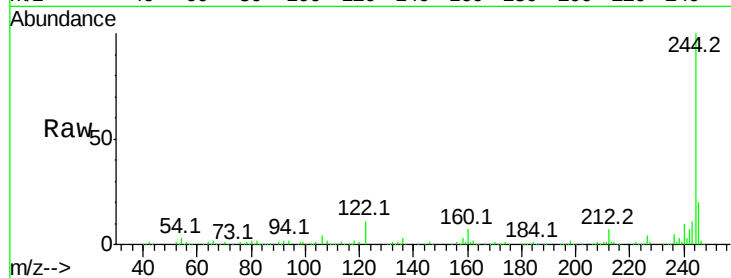




#78
 Terphenyl-d14
 Concen: 62.087 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.01 min
 Lab File: BF101038.D
 Acq: 1 Dec 2017 00:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 330169
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 10.9 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. 0.00 min
 Lab File: BF101038.D
 Acq: 1 Dec 2017 00:39

Tgt Ion:264 Resp: 97630
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 20.7 17.5 26.3

