

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF120717\
 Data File : BF101218.D
 Acq On : 7 Dec 2017 21:07
 Operator : SJ/JU
 Sample : I6717-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 07 23:47:42 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

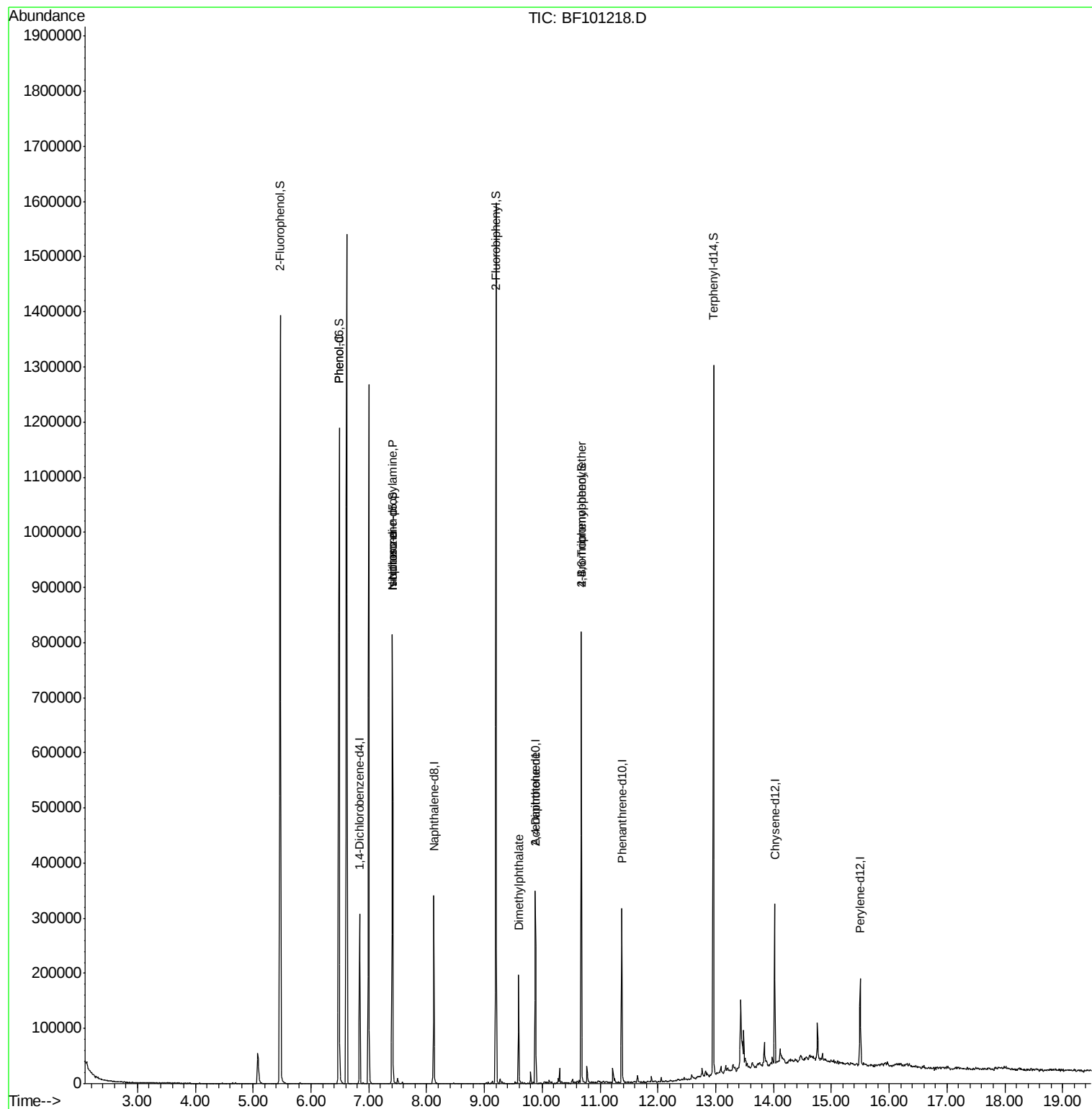
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	44467	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	160852	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	64997	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	111888	20.00	ng	0.00
75) Chrysene-d12	14.02	240	91526	20.00	ng	0.00
86) Perylene-d12	15.50	264	71917	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	399526	148.47	ng	0.00
7) Phenol-d6	6.49	99	483227	147.91	ng	0.00
23) Nitrobenzene-d5	7.41	82	276019	102.36	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	100127	128.24	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	531612	111.91	ng	0.00
78) Terphenyl-d14	12.96	244	431176	103.04	ng	0.00
Target Compounds						
10) Phenol	6.49	94	12132	3.340	ng	82
19) n-Nitroso-di-n-propylamine	7.41	70	35647	16.201	ng	# 82
25) Isophorone	7.41	82	276015	59.927	ng	# 64
49) Dimethylphthalate	9.59	163	68612	13.089	ng	99
56) 2,4-Dinitrotoluene	9.88	165	8032	5.428	ng	# 21
66) 4-Bromophenyl-phenylether	10.67	248	6226	4.971	ng	# 1

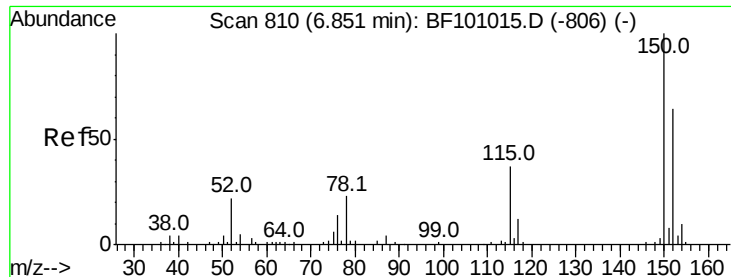
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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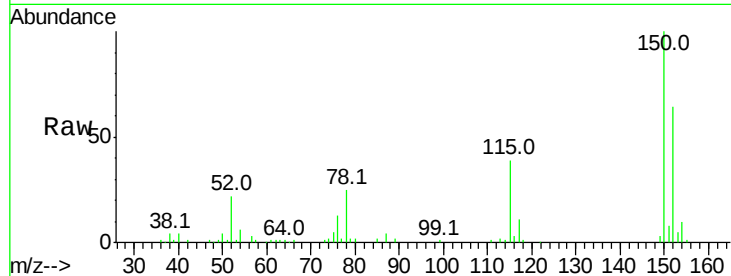


#1

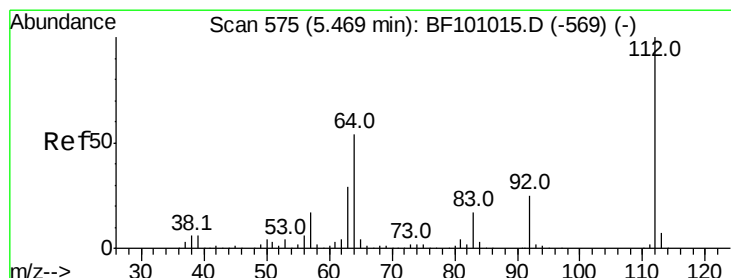
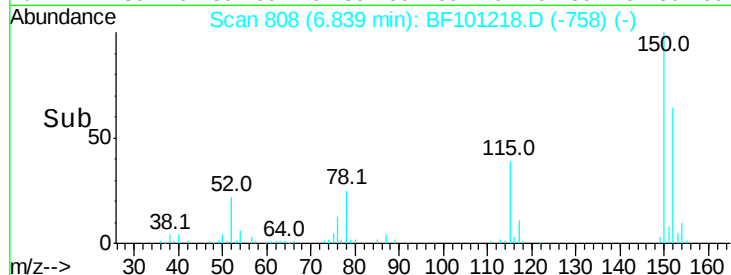
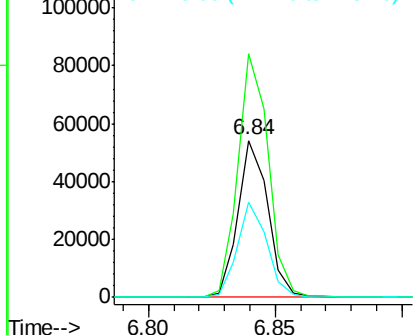
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF101218.D
Acq: 7 Dec 2017 21:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 44467
Ion Ratio Lower Upper
152 100
150 155.2 124.6 186.8
115 61.0 50.1 75.1



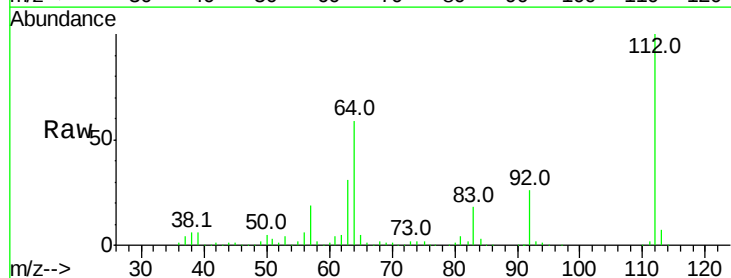
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



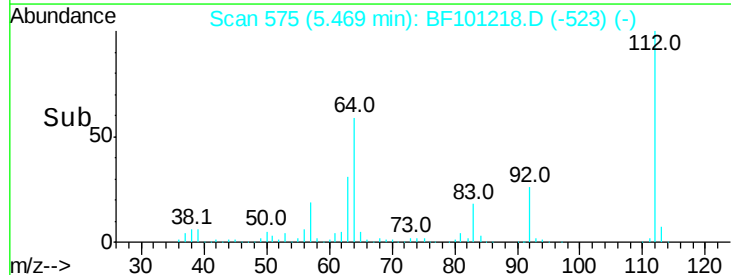
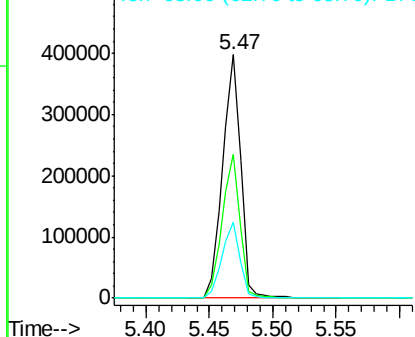
#5

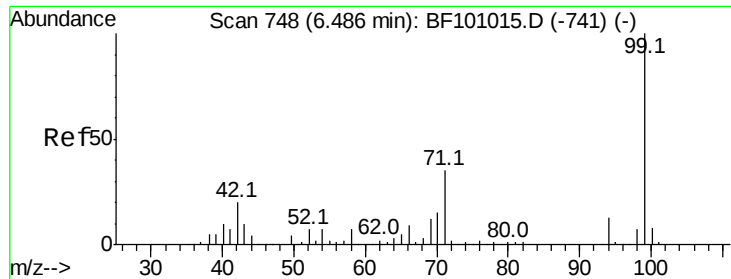
2-Fluorophenol
Concen: 148.468 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF101218.D
Acq: 7 Dec 2017 21:07

Tgt Ion:112 Resp: 399526
Ion Ratio Lower Upper
112 100
64 58.9 47.9 71.9
63 31.1 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: 147.906 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF101218.D

Acq: 7 Dec 2017 21:07

Instrument :

BNA_F

ClientSampled :

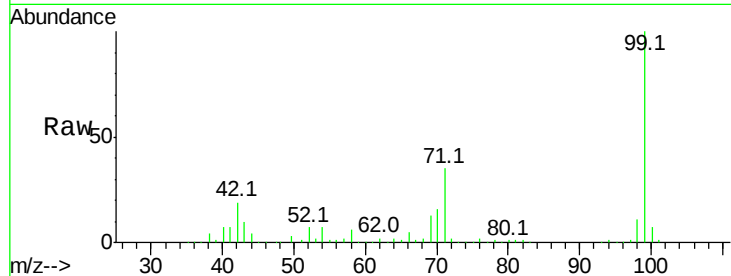
Tot Ion: 99 Resp: 483227

Ion Ratio Lower Upper

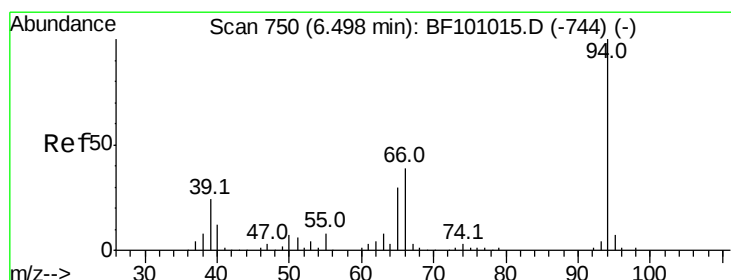
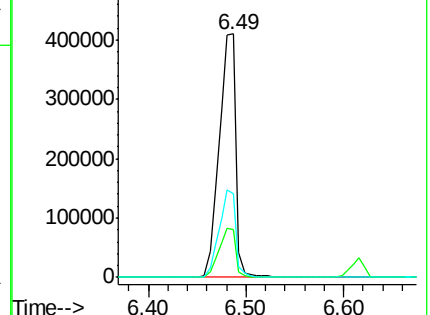
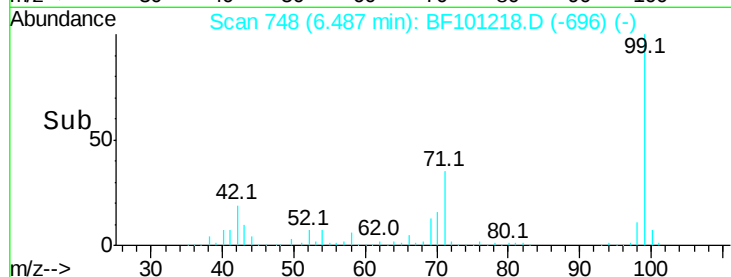
99 100

42 19.4 14.5 21.7

71 34.5 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



#10

Phenol

Concen: 3.340 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF101218.D

Acq: 7 Dec 2017 21:07

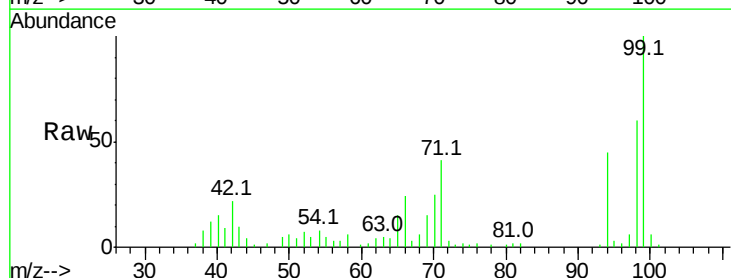
Tgt Ion: 94 Resp: 12132

Ion Ratio Lower Upper

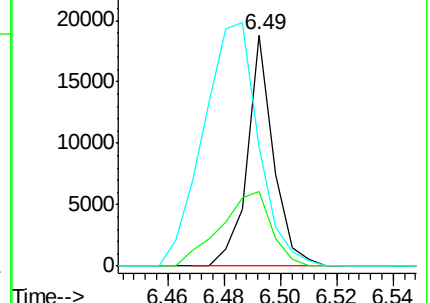
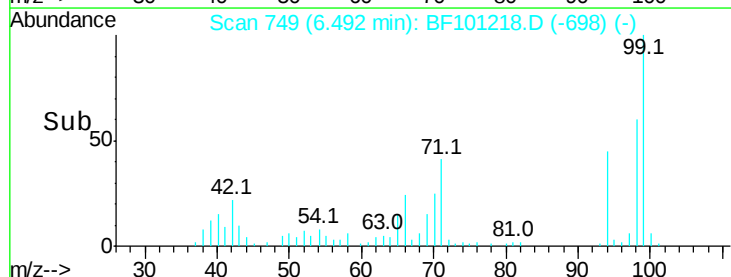
94 100

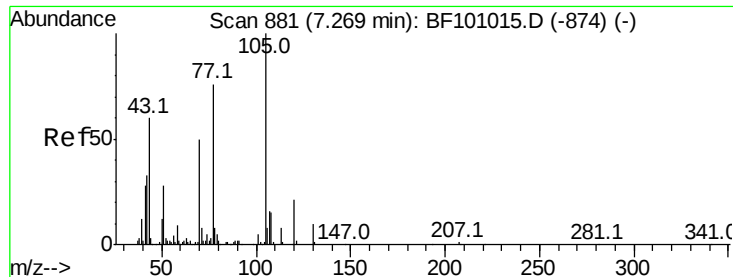
65 32.2 7.9 47.9

66 51.8 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: 16.201 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.15 min

Lab File: BF101218.D

Acq: 7 Dec 2017 21:07

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 35647

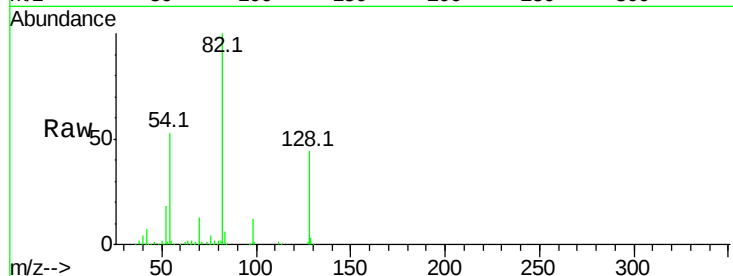
Ion Ratio Lower Upper

70 100

42 52.1 47.5 71.3

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

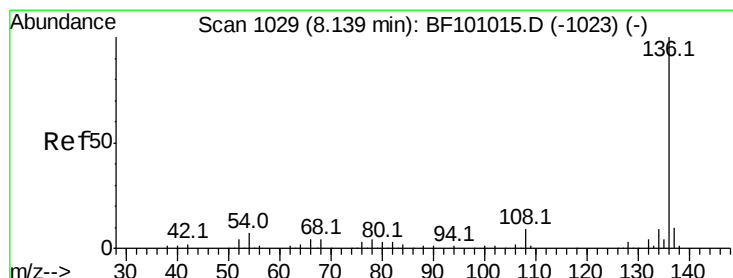
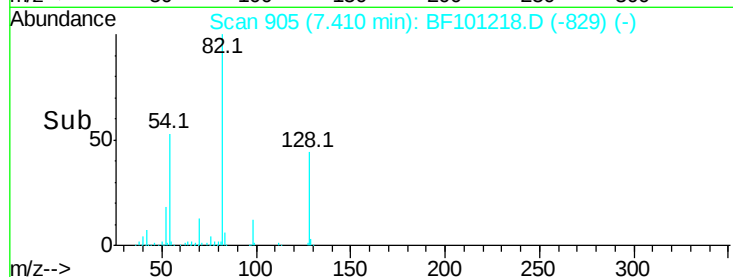
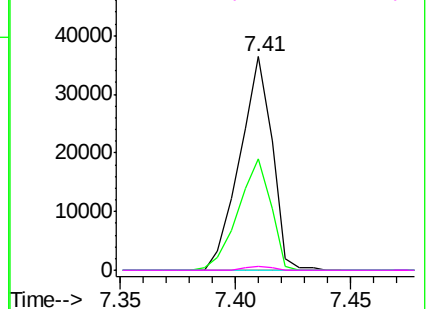


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF101218.D

Acq: 7 Dec 2017 21:07

Tgt Ion:136 Resp: 160852

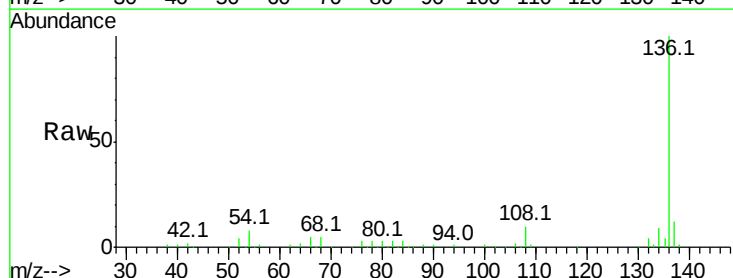
Ion Ratio Lower Upper

136 100

137 11.7 8.9 13.3

54 7.9 6.6 9.8

68 4.6 5.0 7.4#

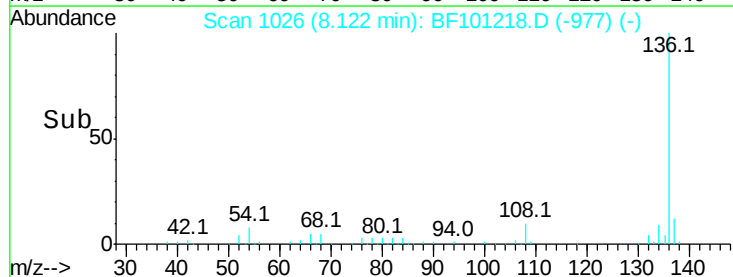
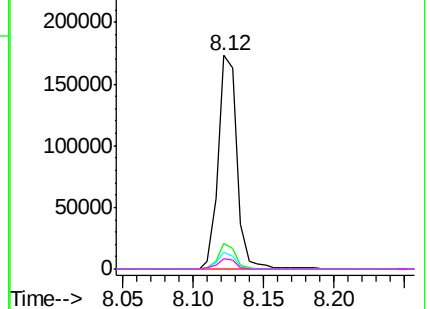


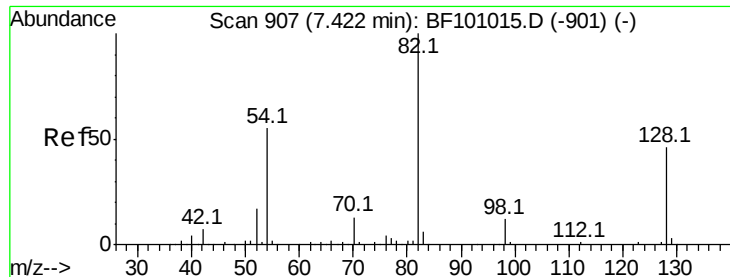
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





#23

Nitrobenzene-d5

Concen: 102.364 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF101218.D

Acq: 7 Dec 2017 21:07

Instrument :

BNA_F

ClientSampled :

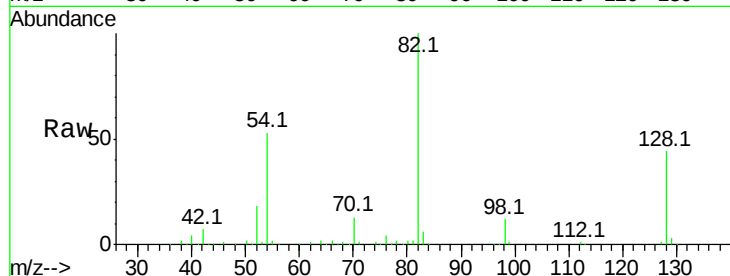
Tot Ion: 82 Resp: 276019

Ion Ratio Lower Upper

82 100

128 44.0 36.1 54.1

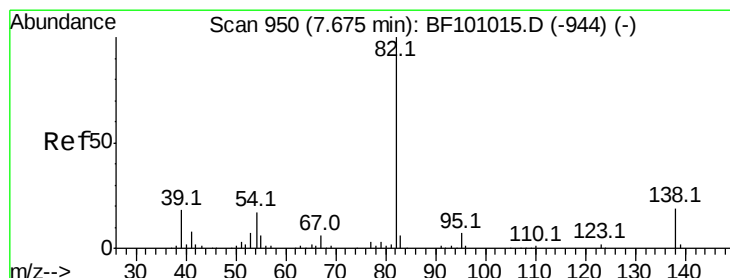
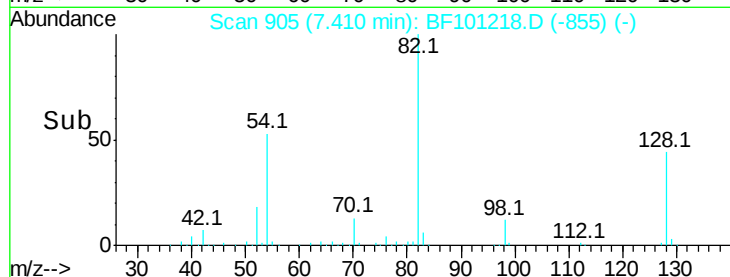
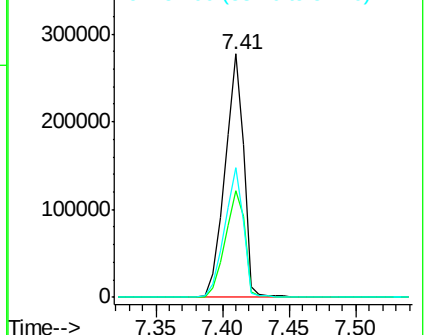
54 53.4 41.4 62.2



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: 59.927 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.26 min

Lab File: BF101218.D

Acq: 7 Dec 2017 21:07

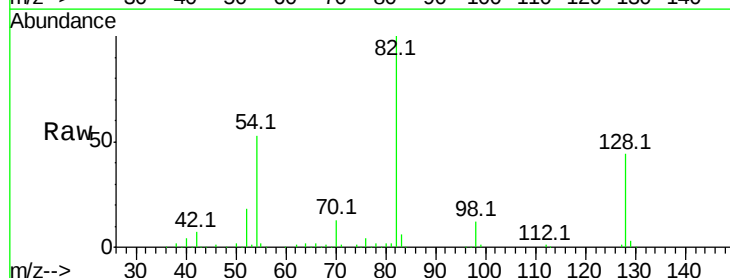
Tgt Ion: 82 Resp: 276015

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

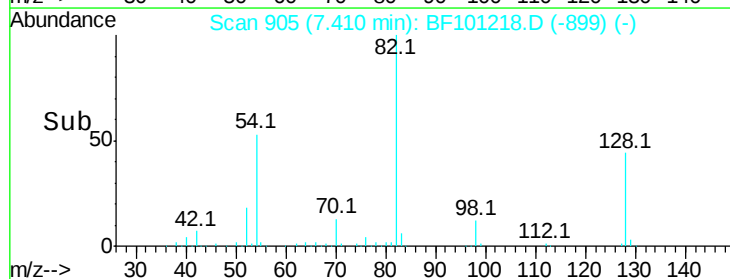
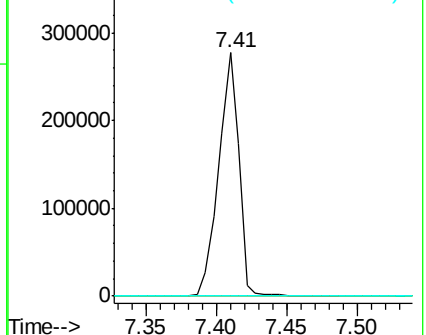
138 0.0 14.9 22.3#

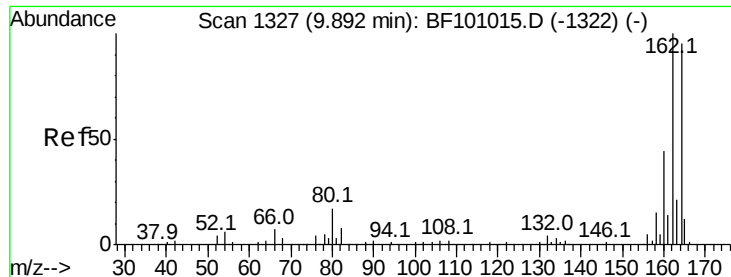


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

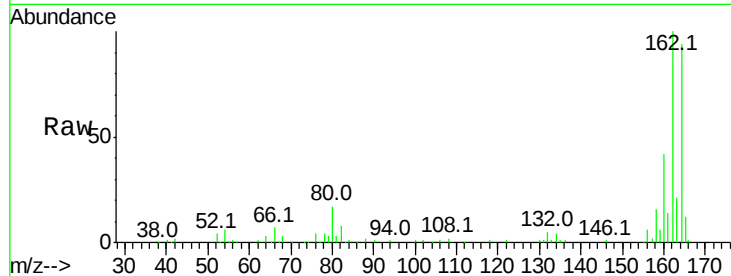




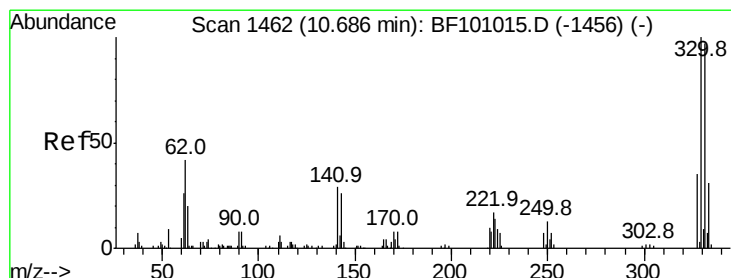
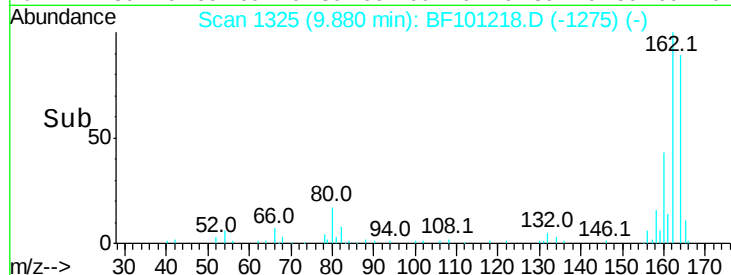
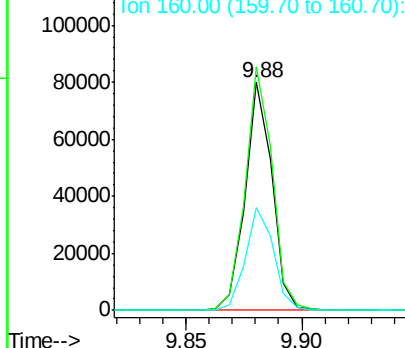
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BF101218.D
 Acq: 7 Dec 2017 21:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 64997
 Ion Ratio Lower Upper
 164 100
 162 106.9 86.1 129.1
 160 45.4 38.3 57.5

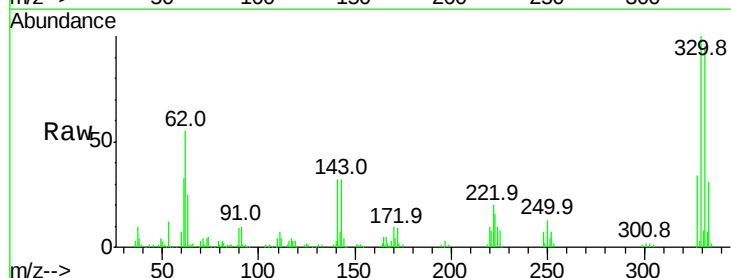


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

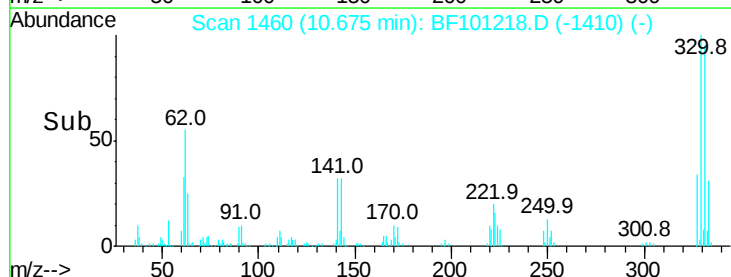
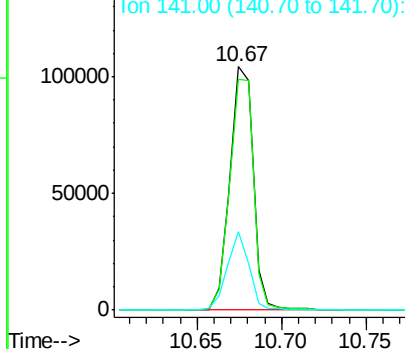


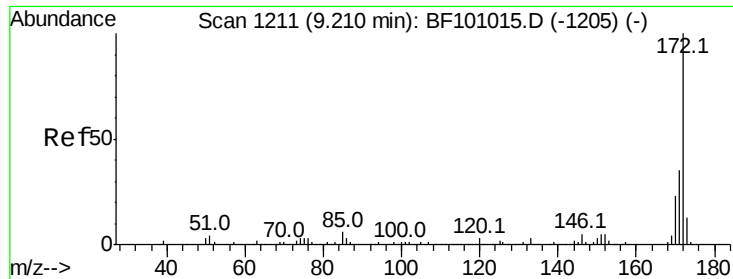
#41
 2,4,6-Tribromophenol
 Concen: 128.237 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF101218.D
 Acq: 7 Dec 2017 21:07

Tgt Ion:330 Resp: 100127
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.0 115.6
 141 30.0 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

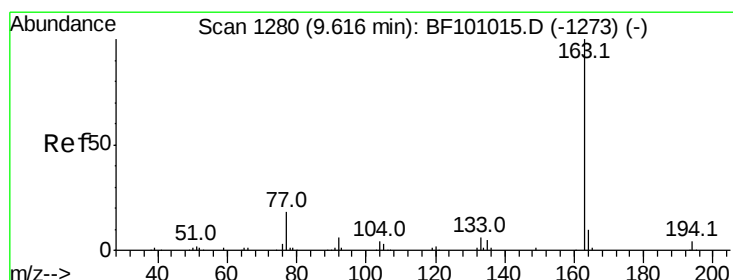
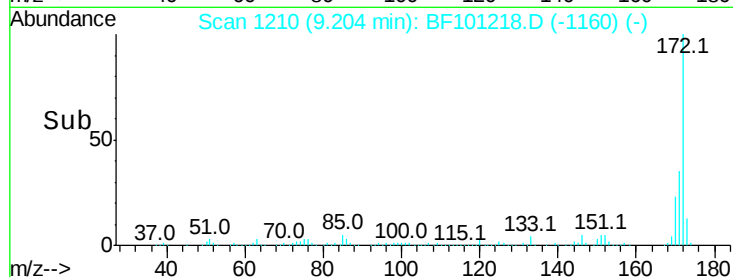
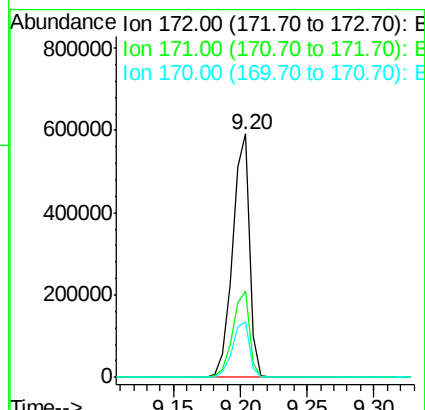
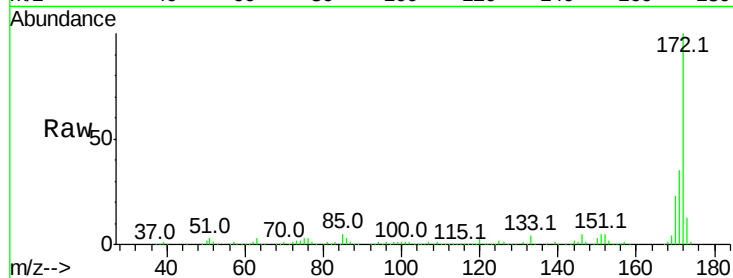




#44
 2-Fluorobiphenyl
 Concen: 111.905 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF101218.D
 Acq: 7 Dec 2017 21:07

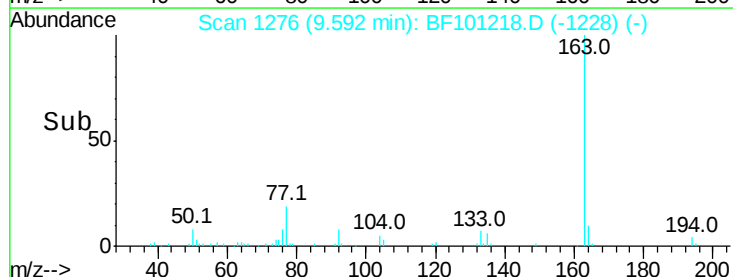
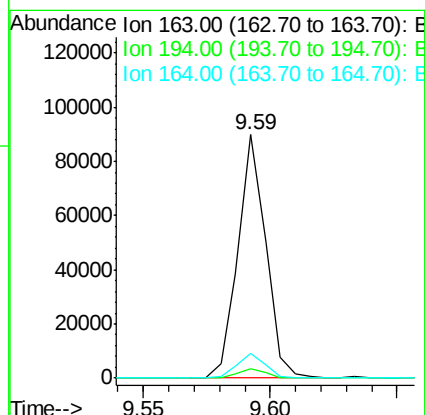
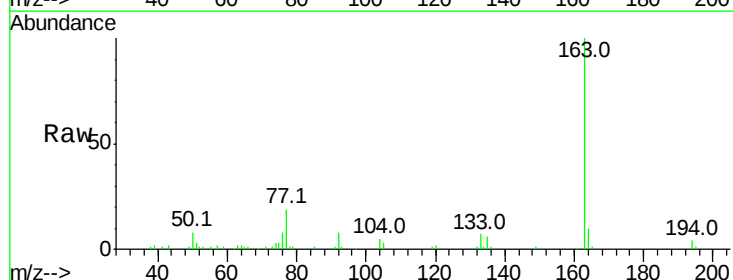
Instrument :
 BNA_F
 ClientSampleId :

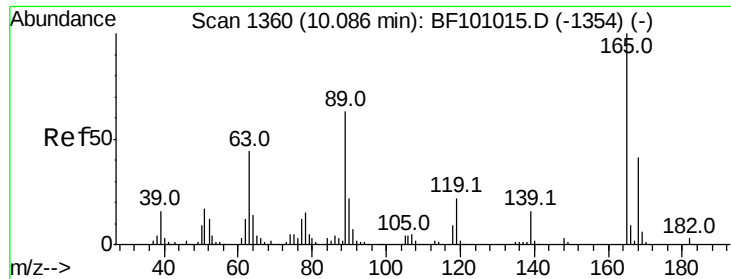
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.7	44.5
170	23.0	19.6	29.4



#49
 Dimethylphthalate
 Concen: 13.089 ng
 RT: 9.59 min Scan# 1276
 Delta R.T. -0.02 min
 Lab File: BF101218.D
 Acq: 7 Dec 2017 21:07

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	10.3	8.2	12.2

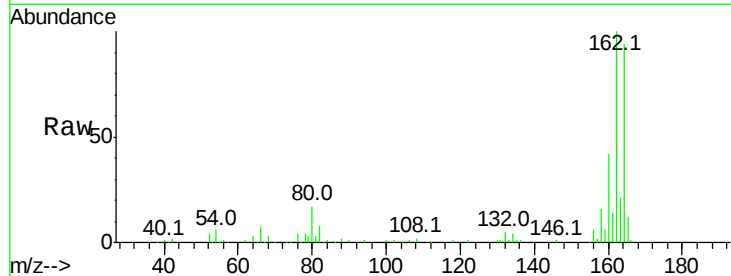




#56
 2,4-Dinitrotoluene
 Concen: 5.428 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.20 min
 Lab File: BF101218.D
 Acq: 7 Dec 2017 21:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	8032
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#

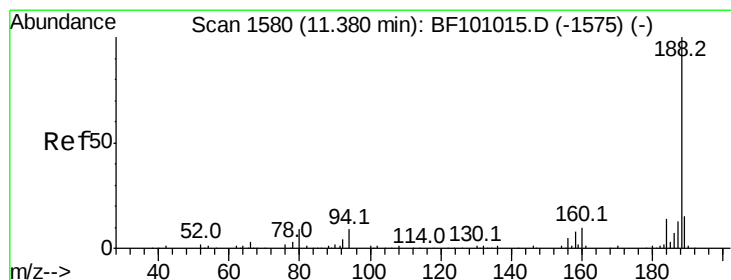
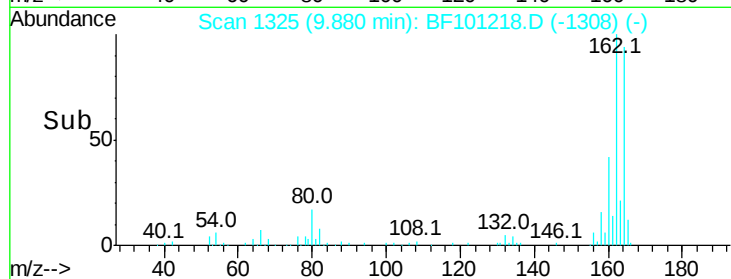
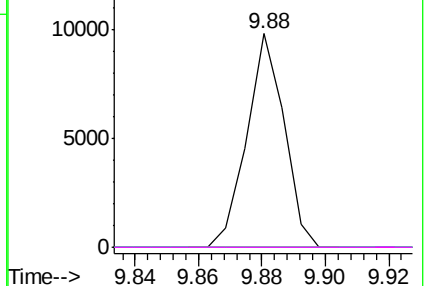


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

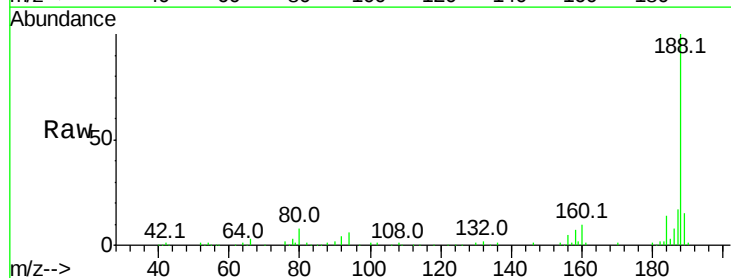
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: BF101218.D
 Acq: 7 Dec 2017 21:07

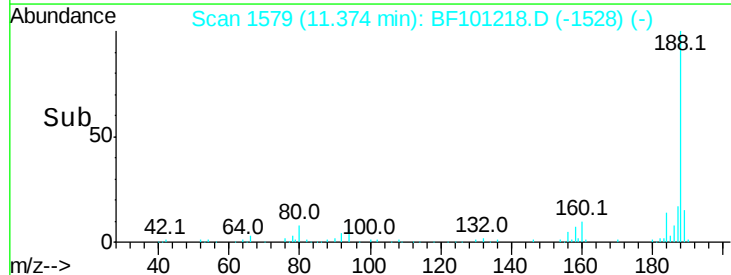
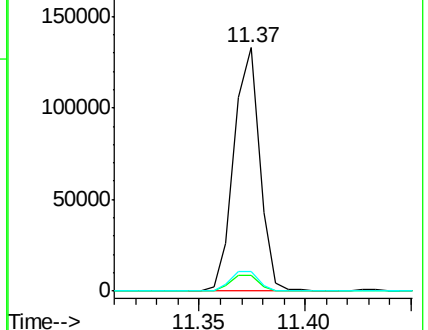
Tgt Ion:188	Resp:	111888
Ion Ratio	Lower	Upper
188 100		
94 6.4	8.5	12.7#
80 7.9	9.2	13.8#

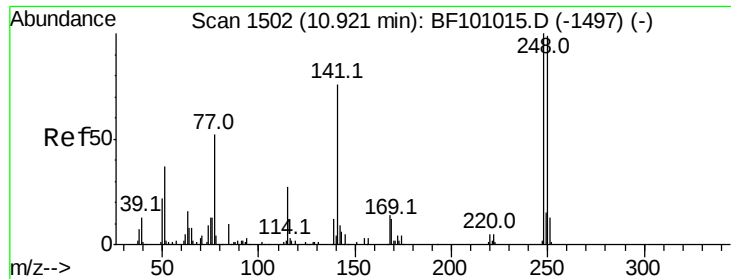


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

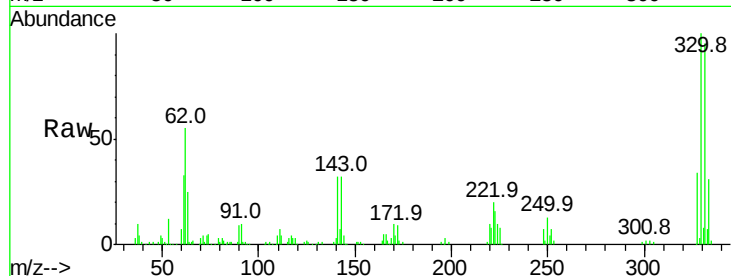




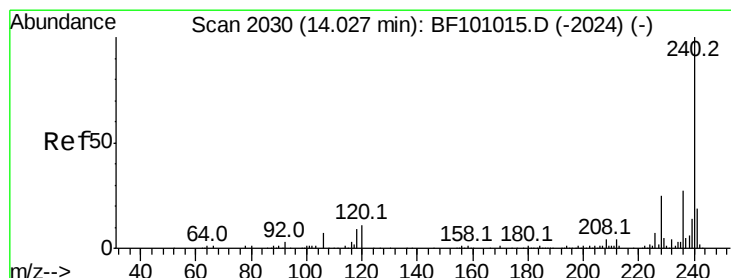
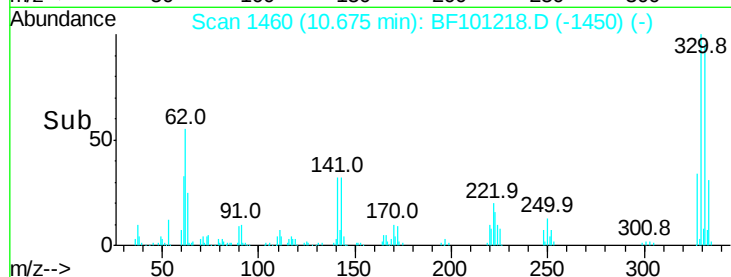
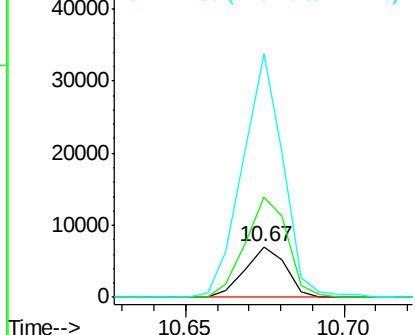
#66
 4-Bromophenyl-phenylether
 Concen: 4.971 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.24 min
 Lab File: BF101218.D
 Acq: 7 Dec 2017 21:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 6226
 Ion Ratio Lower Upper
 248 100
 250 197.1 76.9 115.3#
 141 480.1 74.4 111.6#

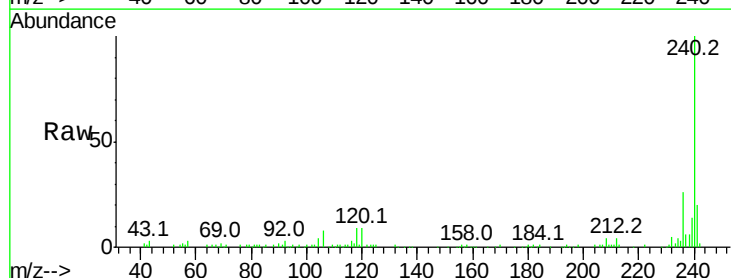


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

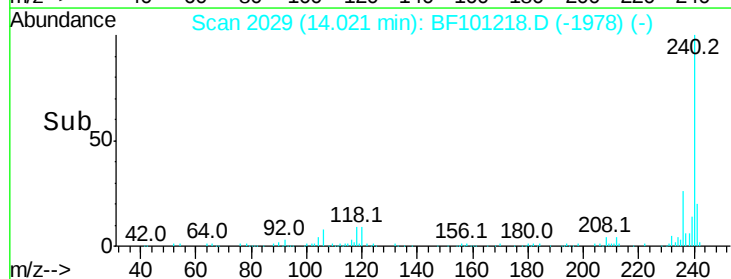
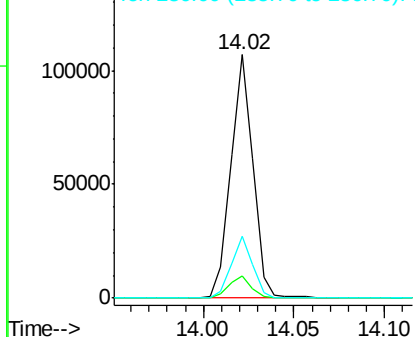


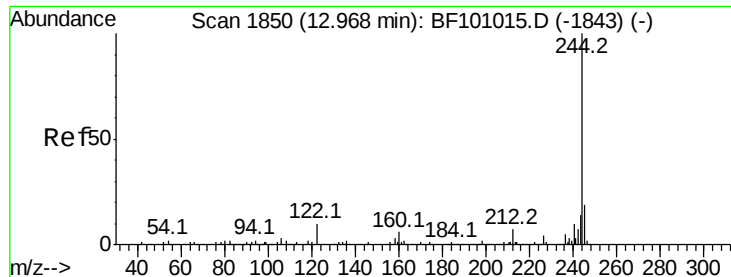
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. 0.00 min
 Lab File: BF101218.D
 Acq: 7 Dec 2017 21:07

Tgt Ion:240 Resp: 91526
 Ion Ratio Lower Upper
 240 100
 120 9.1 9.5 14.3#
 236 25.6 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: 103.041 ng

RT: 12.96 min Scan# 1849

Delta R.T. 0.00 min

Lab File: BF101218.D

Acq: 7 Dec 2017 21:07

Instrument :

BNA_F

ClientSampleId :

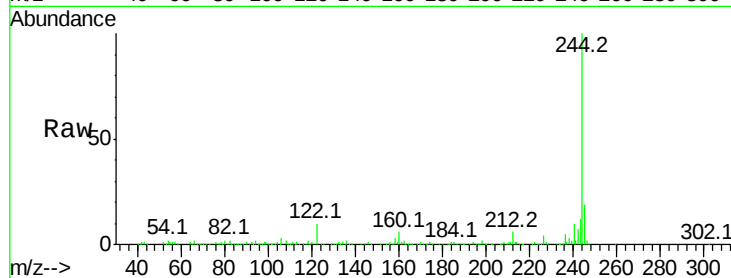
Tot Ion:244 Resp: 431176

Ion Ratio Lower Upper

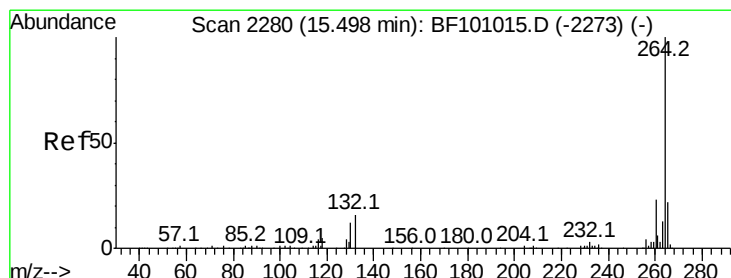
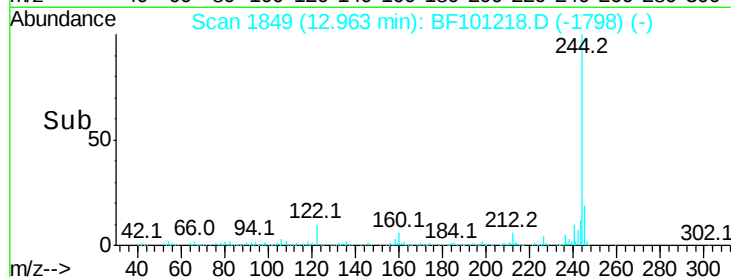
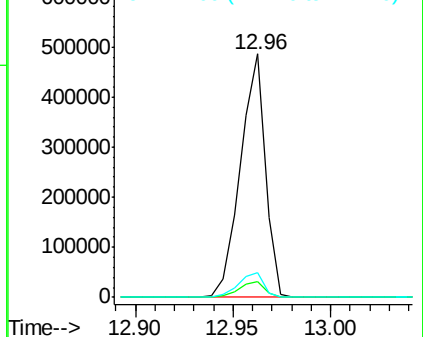
244 100

212 6.4 5.4 8.0

122 10.1 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: BF101218.D

Acq: 7 Dec 2017 21:07

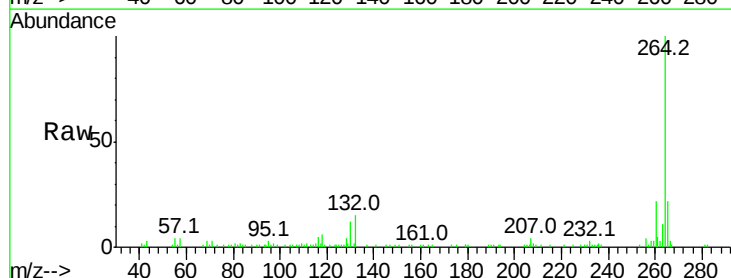
Tgt Ion:264 Resp: 71917

Ion Ratio Lower Upper

264 100

260 22.4 19.2 28.8

265 21.9 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

