

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011718\
 Data File : BF102161.D
 Acq On : 17 Jan 2018 20:20
 Operator : SJ/JU
 Sample : J1152-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 18 01:09:47 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 17 15:28:18 2018
 Response via : Initial Calibration

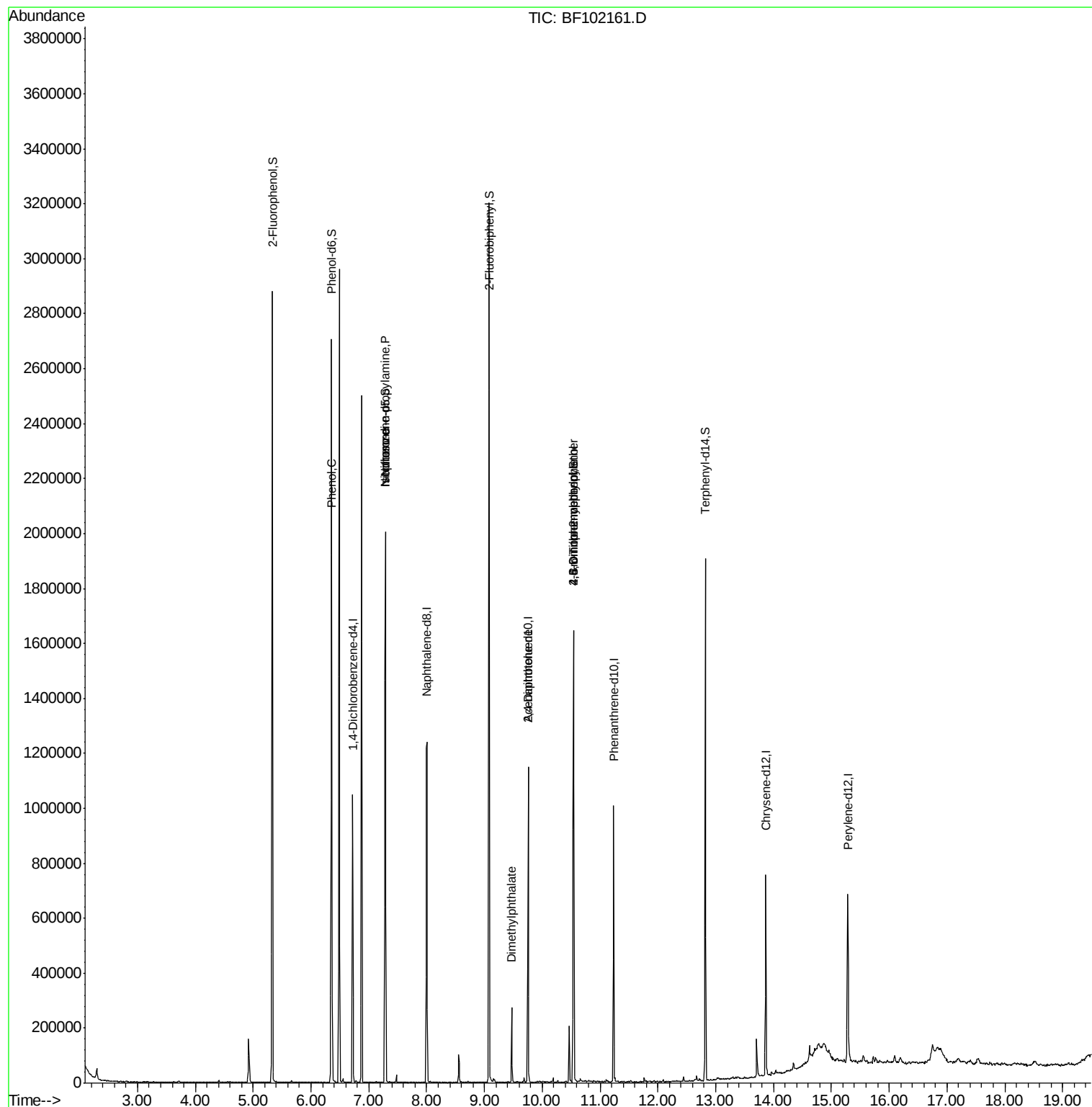
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	145744	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	580156	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	237763	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	334422	20.00	ng	0.00
75) Chrysene-d12	13.87	240	246069	20.00	ng	0.00
86) Perylene-d12	15.29	264	263413	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	827904	80.21	ng	0.01
7) Phenol-d6	6.36	99	979867	79.57	ng	0.00
23) Nitrobenzene-d5	7.29	82	590928	59.86	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	171850	82.82	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	962741	63.26	ng	0.00
78) Terphenyl-d14	12.82	244	586678	49.50	ng	0.00
Target Compounds						
10) Phenol	6.37	94	44078	3.167	ng	99
19) n-Nitroso-di-n-propylamine	7.29	70	79388	9.837	ng	# 80
25) Isophorone	7.29	82	586078	30.044	ng	# 64
49) Dimethylphthalate	9.47	163	110026	5.769	ng	98
56) 2,4-Dinitrotoluene	9.75	165	29715	6.223	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.54	198	415	5.864	ng	# 1
66) 4-Bromophenyl-phenylether	10.54	248	11374	3.221	ng	# 1

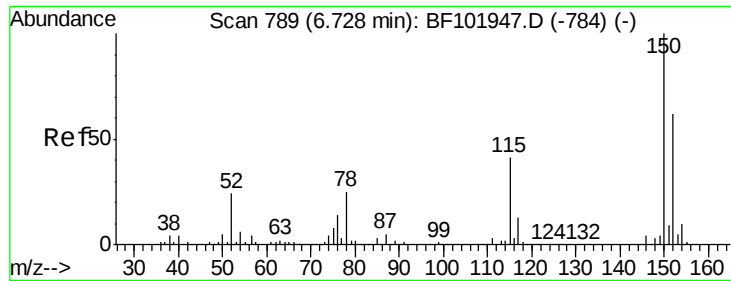
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 16 Sample Multiplier: 1

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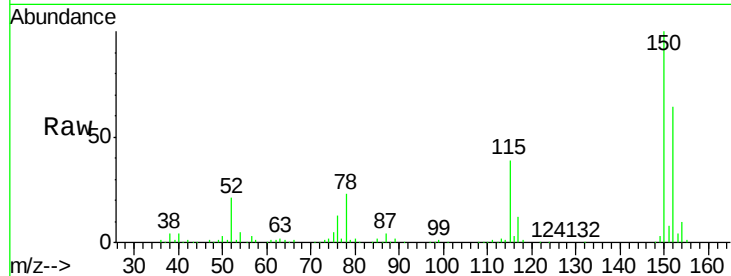




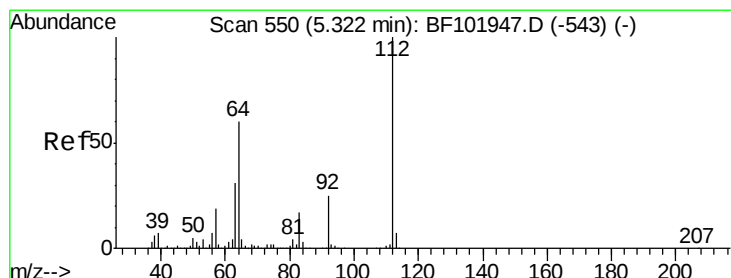
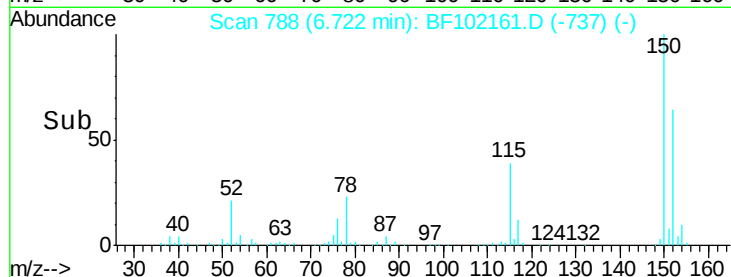
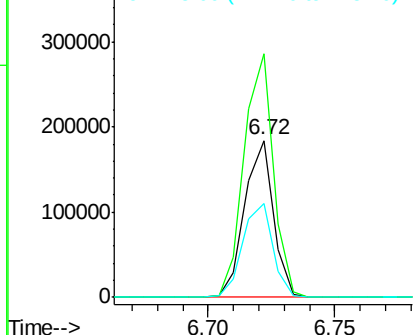
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.00 min
 Lab File: BF102161.D
 Acq: 17 Jan 2018 20:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 145744
 Ion Ratio Lower Upper
 152 100
 150 155.1 124.6 186.8
 115 60.0 50.1 75.1

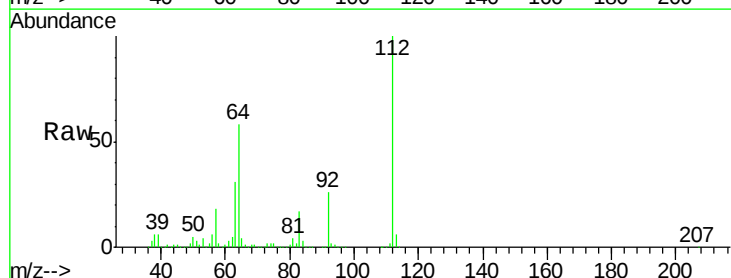


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

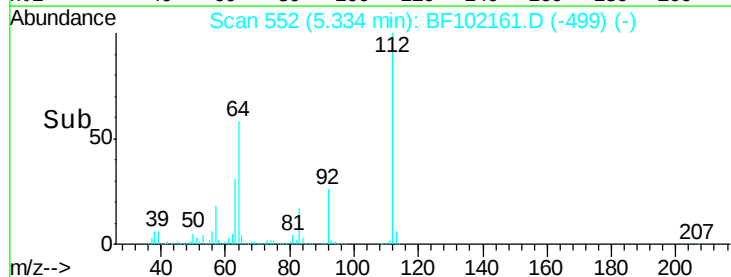
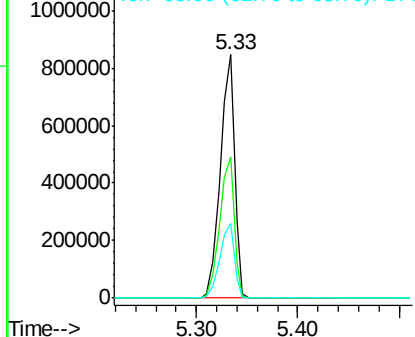


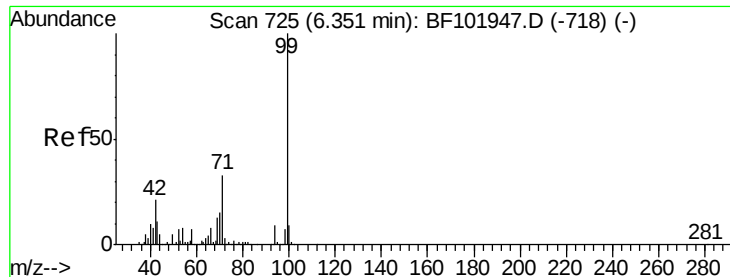
#5
 2-Fluorophenol
 Concen: 80.214 ng
 RT: 5.33 min Scan# 552
 Delta R.T. 0.01 min
 Lab File: BF102161.D
 Acq: 17 Jan 2018 20:20

Tgt Ion:112 Resp: 827904
 Ion Ratio Lower Upper
 112 100
 64 58.2 47.9 71.9
 63 30.5 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: 79.572 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF102161.D

Acq: 17 Jan 2018 20:20

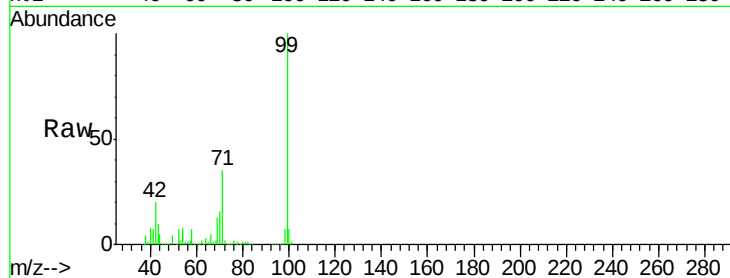
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 979867

Ion	Ratio	Lower	Upper
99	100		
42	20.2	14.5	21.7
71	35.1	25.4	38.0

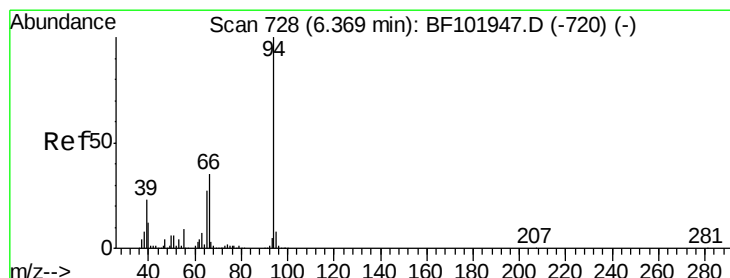
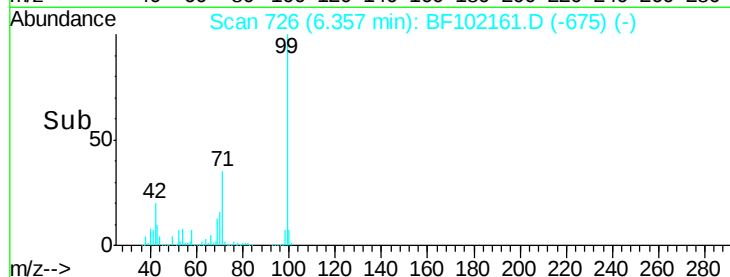
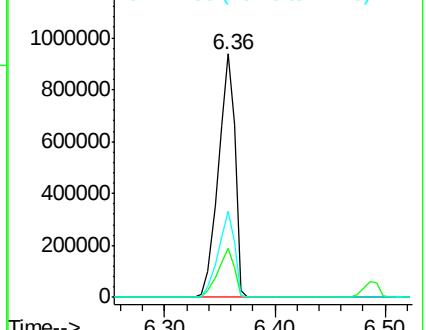


Abundance

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



#10

Phenol

Concen: 3.167 ng

RT: 6.37 min Scan# 728

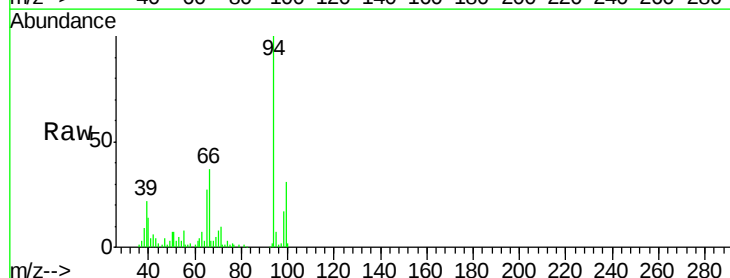
Delta R.T. -0.01 min

Lab File: BF102161.D

Acq: 17 Jan 2018 20:20

Tgt Ion: 94 Resp: 44078

Ion	Ratio	Lower	Upper
94	100		
65	27.5	7.9	47.9
66	36.6	16.2	56.2

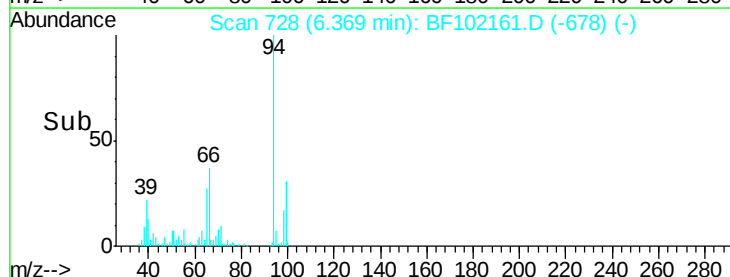
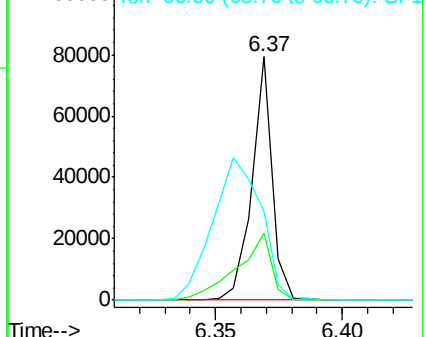


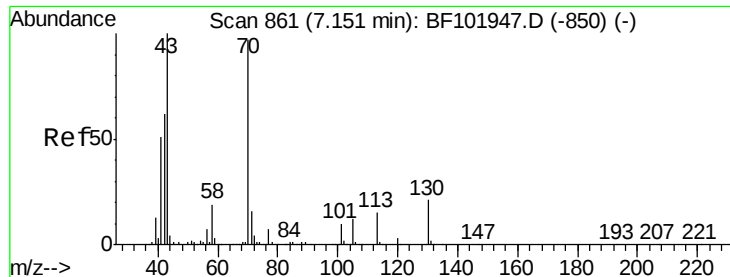
Abundance

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: 9.837 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.14 min

Lab File: BF102161.D

Acq: 17 Jan 2018 20:20

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 79388

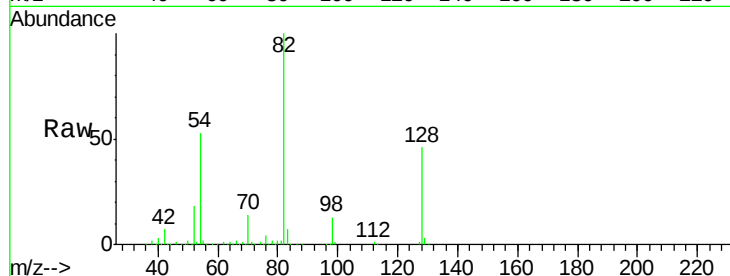
Ion Ratio Lower Upper

70 100

42 49.9 47.5 71.3

101 0.0 7.4 11.2#

130 1.9 16.6 25.0#

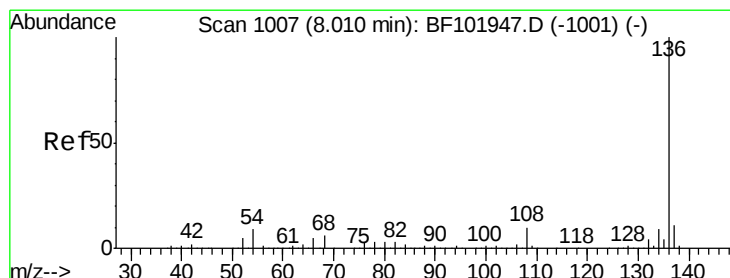
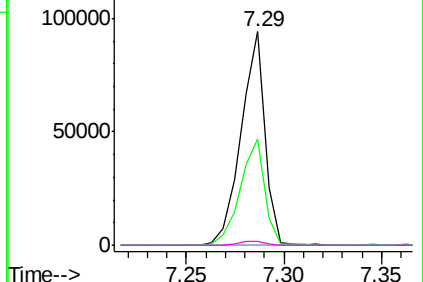
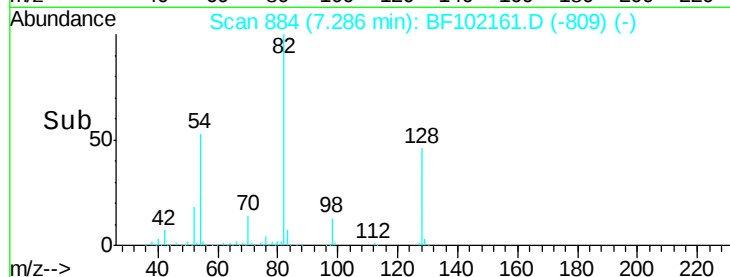


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.00 min Scan# 1006

Delta R.T. -0.00 min

Lab File: BF102161.D

Acq: 17 Jan 2018 20:20

Tgt Ion: 136 Resp: 580156

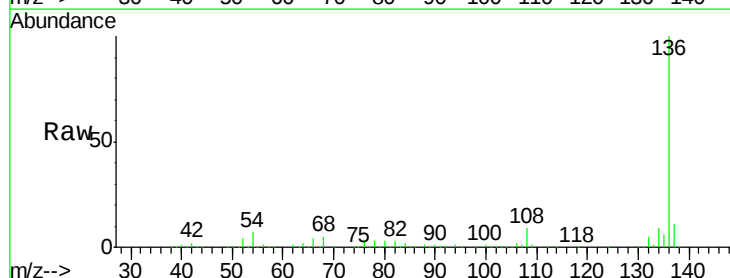
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 6.8 6.6 9.8

68 4.7 5.0 7.4#

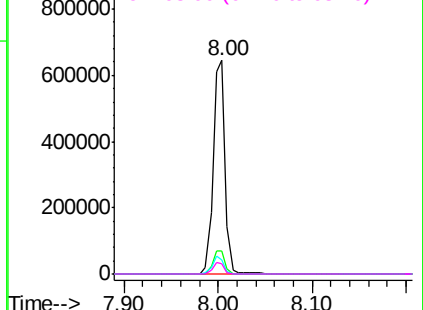
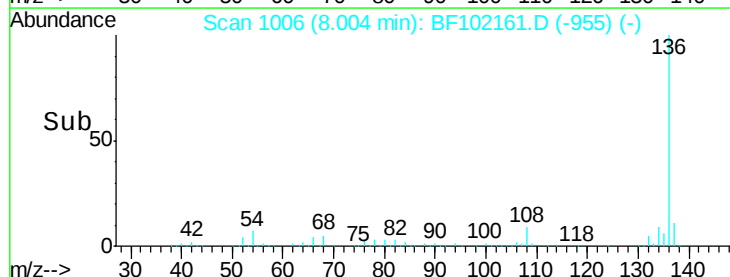


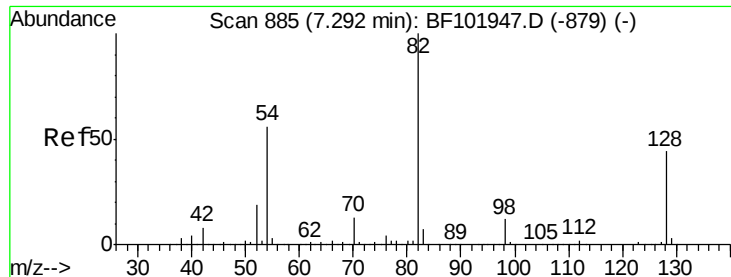
Abundance Ion 136.00 (135.70 to 136.70): BF1

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

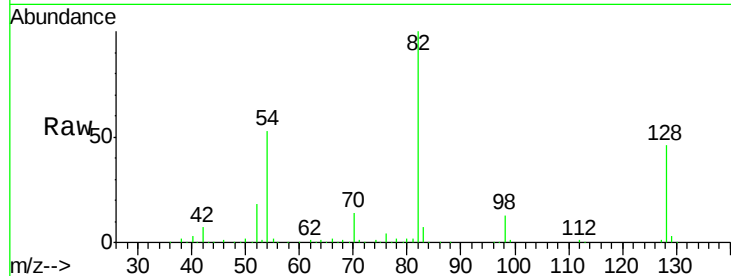




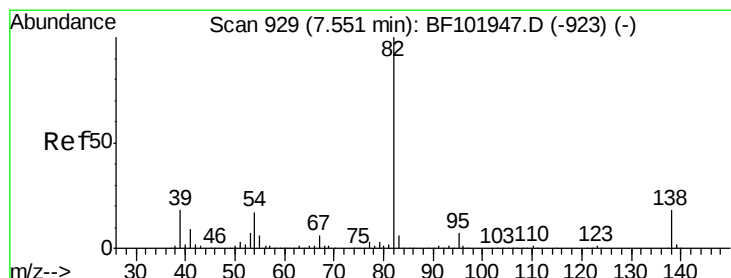
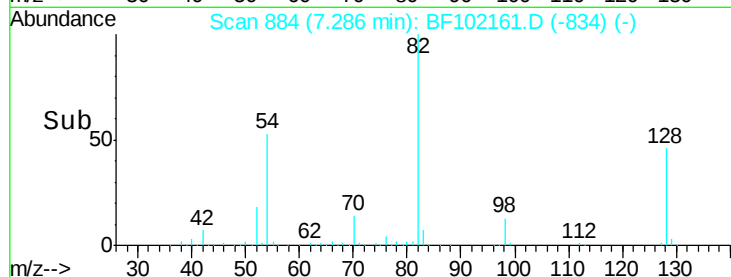
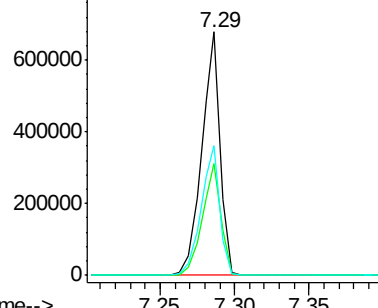
#23
Nitrobenzene-d5
Concen: 59.855 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102161.D
Acq: 17 Jan 2018 20:20

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 590928
Ion Ratio Lower Upper
82 100
128 45.9 36.1 54.1
54 53.1 41.4 62.2

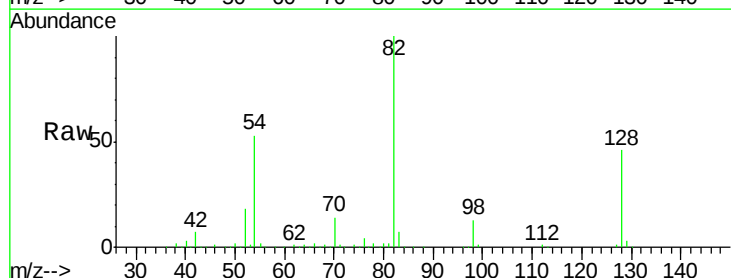


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

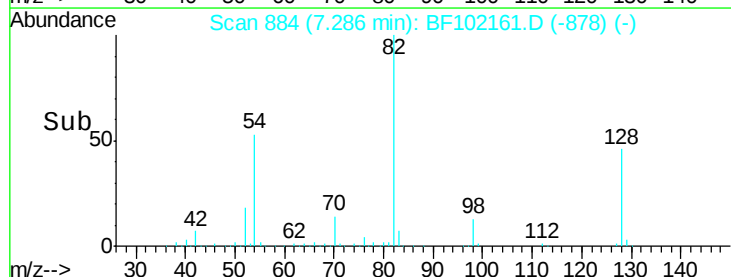
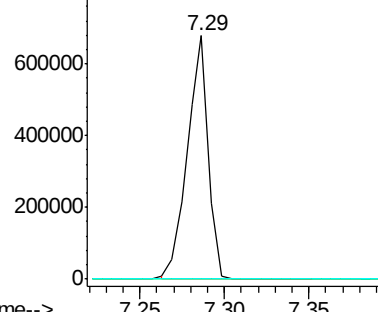


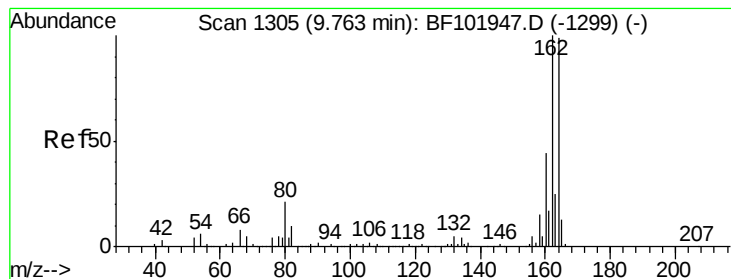
#25
Isophorone
Concen: 30.044 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.26 min
Lab File: BF102161.D
Acq: 17 Jan 2018 20:20

Tgt Ion: 82 Resp: 586078
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: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF102161.D

Acq: 17 Jan 2018 20:20

Instrument :

BNA_F

ClientSampleId :

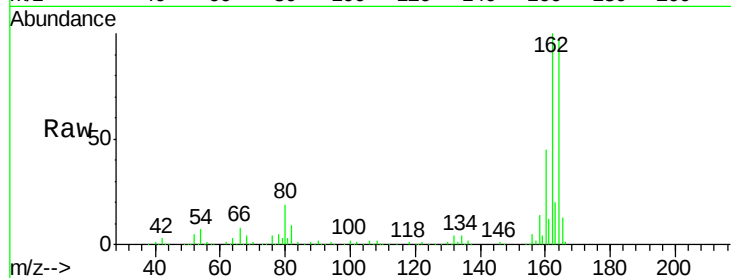
Tot Ion:164 Resp: 237763

Ion Ratio Lower Upper

164 100

162 103.1 86.1 129.1

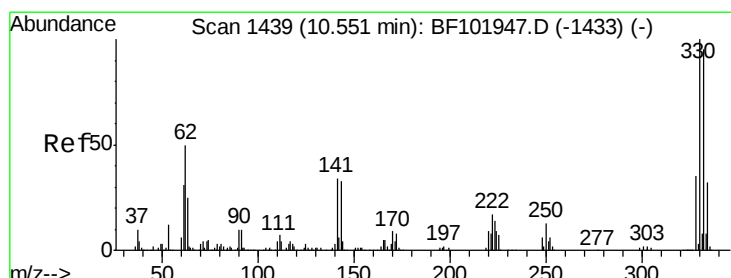
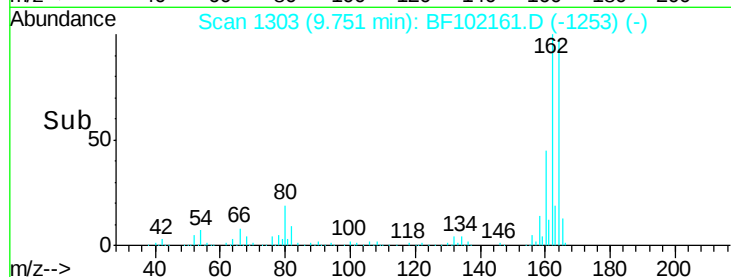
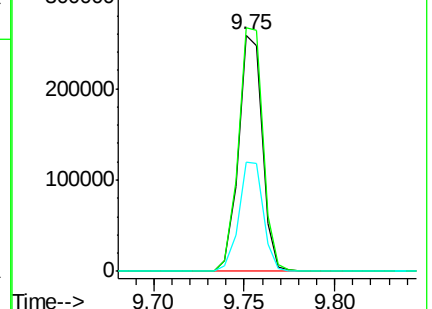
160 46.2 38.3 57.5



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: 82.822 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF102161.D

Acq: 17 Jan 2018 20:20

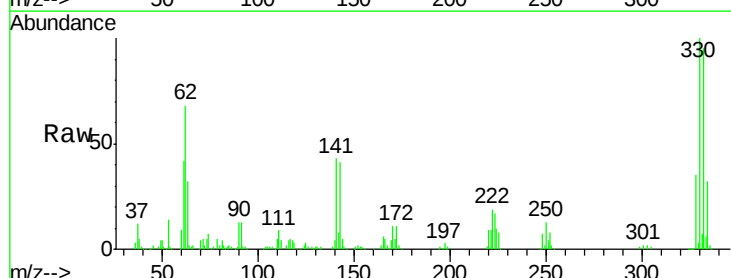
Tgt Ion:330 Resp: 171850

Ion Ratio Lower Upper

330 100

332 96.1 77.0 115.6

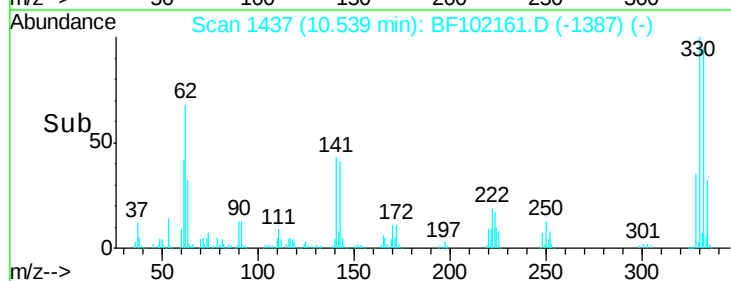
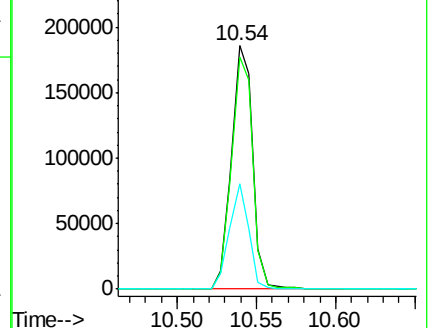
141 39.6 29.9 44.9

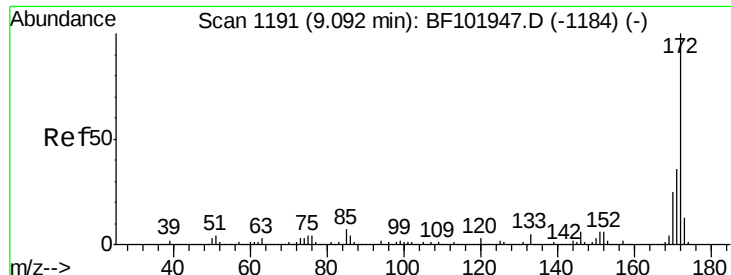


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

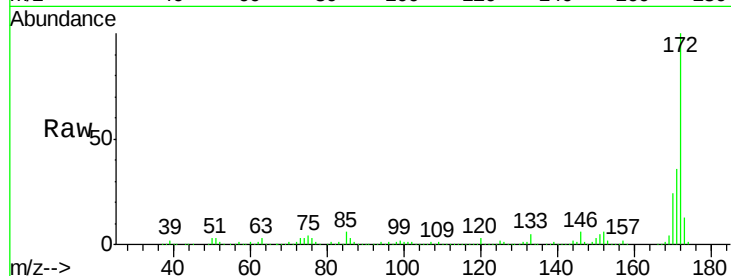




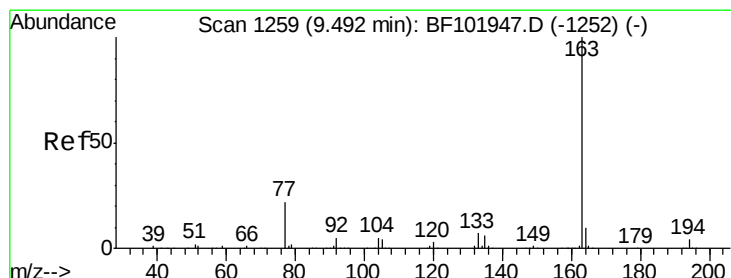
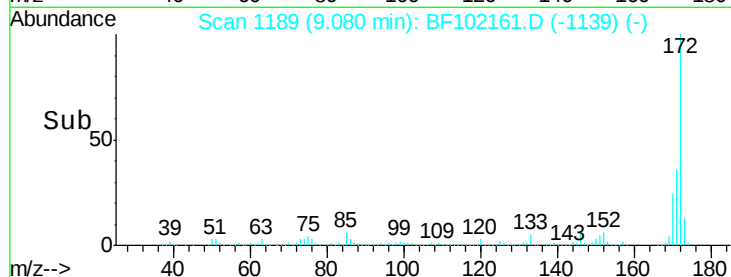
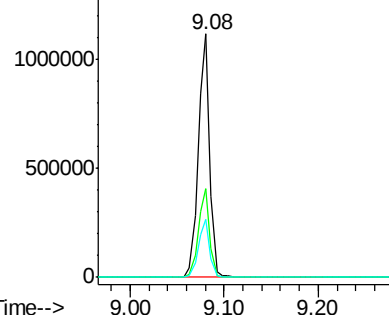
#44
2-Fluorobiphenyl
Concen: 63.259 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF102161.D
Acq: 17 Jan 2018 20:20

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 962741
Ion Ratio Lower Upper
172 100
171 36.4 29.7 44.5
170 23.6 19.6 29.4

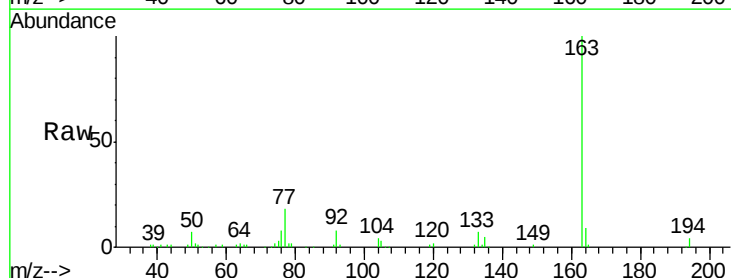


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

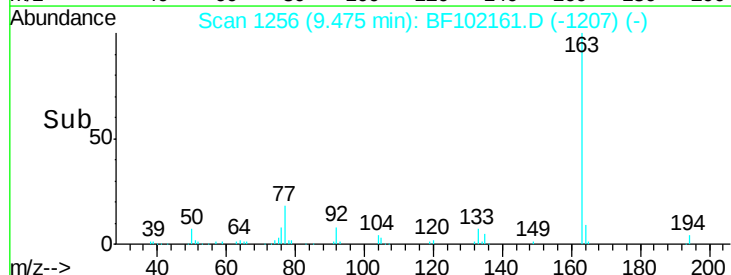
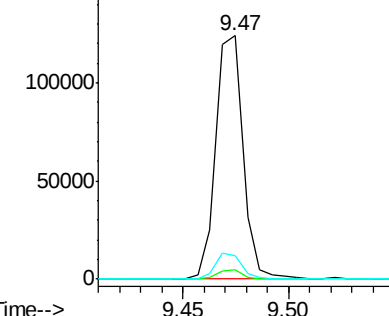


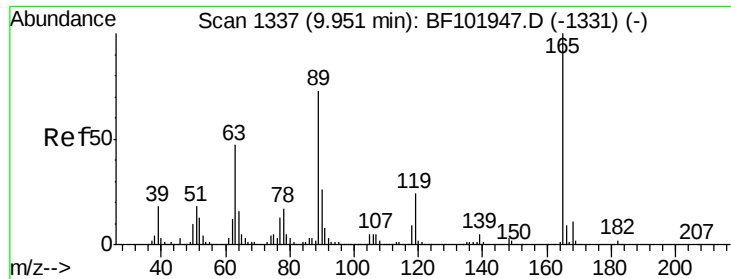
#49
Dimethylphthalate
Concen: 5.769 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF102161.D
Acq: 17 Jan 2018 20:20

Tgt Ion:163 Resp: 110026
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 9.5 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

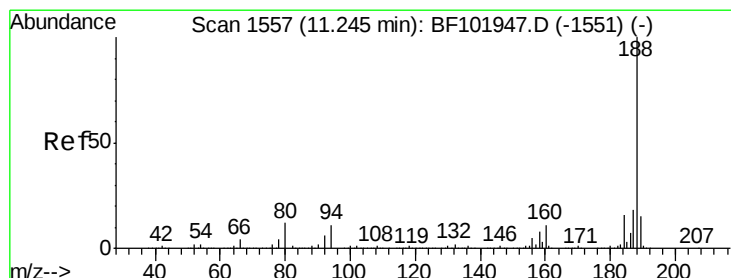
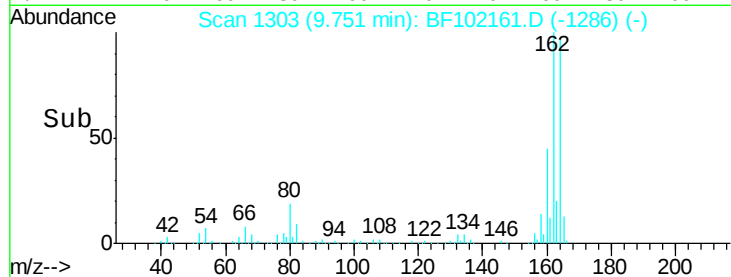
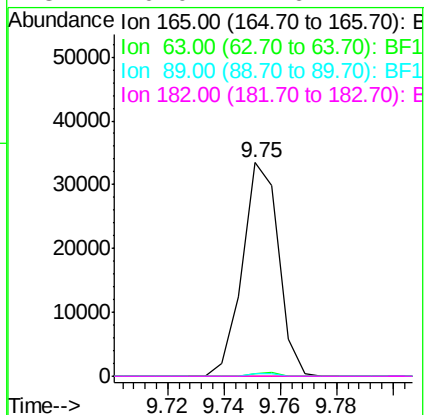
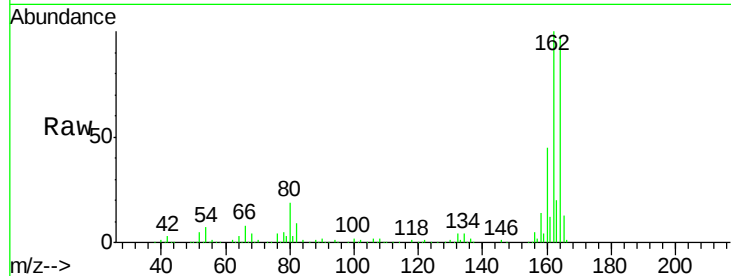




#56
 2,4-Dinitrotoluene
 Concen: 6.223 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.20 min
 Lab File: BF102161.D
 Acq: 17 Jan 2018 20:20

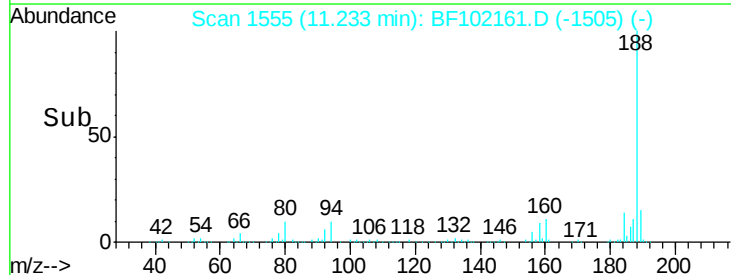
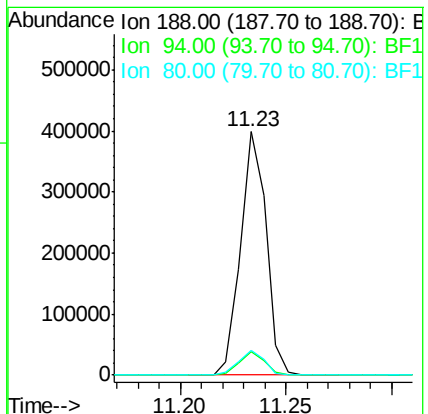
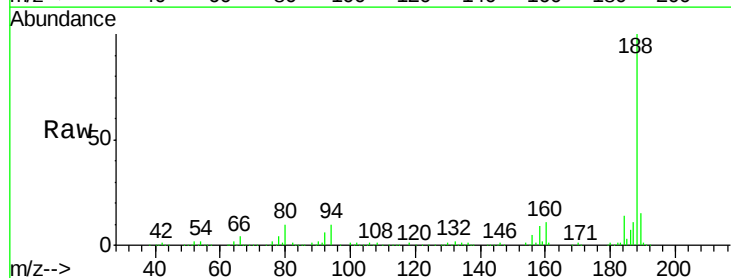
Instrument :
 BNA_F
 ClientSampled :

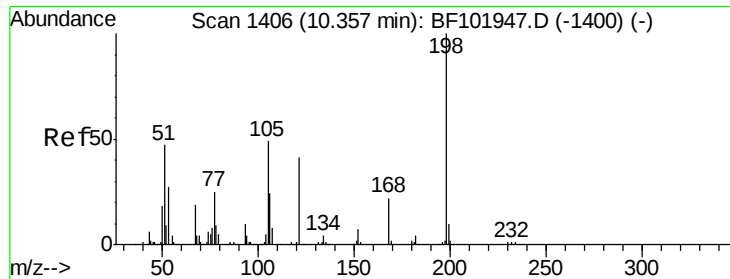
Tot Ion:165	Resp:	29715
Ion Ratio	Lower	Upper
165	100	
63	1.0	36.4 54.6#
89	1.3	57.8 86.6#
182	0.0	1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: BF102161.D
 Acq: 17 Jan 2018 20:20

Tgt Ion:188	Resp:	334422
Ion Ratio	Lower	Upper
188	100	
94	9.6	8.5 12.7
80	10.2	9.2 13.8

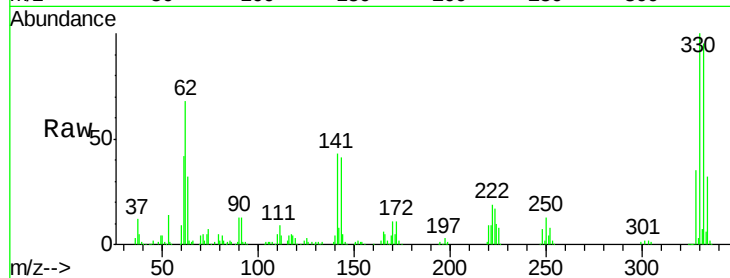




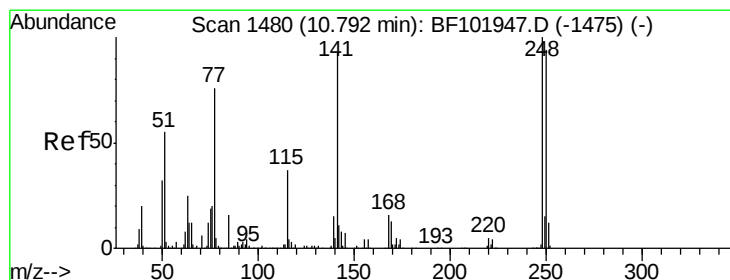
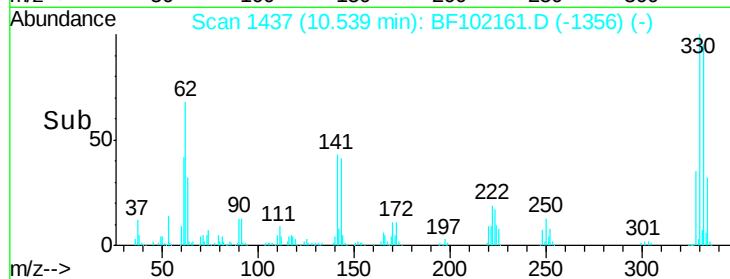
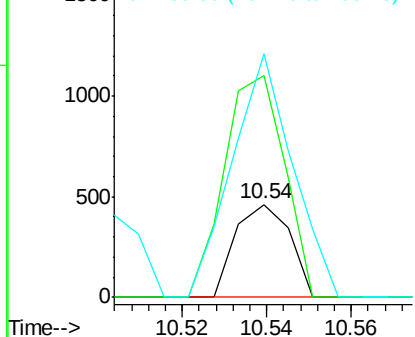
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.864 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. 0.18 min
 Lab File: BF102161.D
 Acq: 17 Jan 2018 20:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 415
 Ion Ratio Lower Upper
 198 100
 51 238.4 37.7 77.7#
 105 262.3 36.3 76.3#

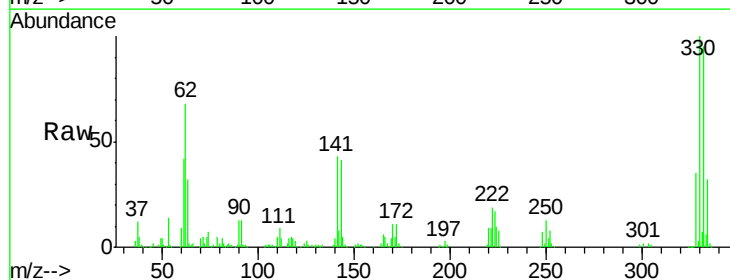


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

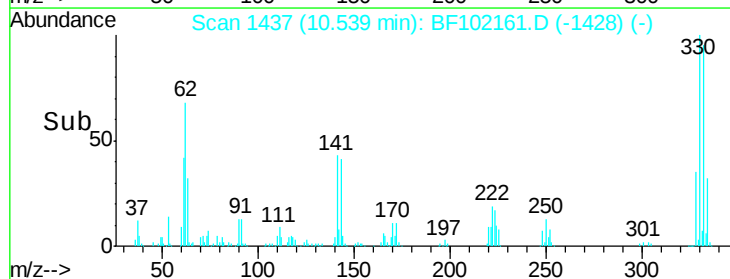
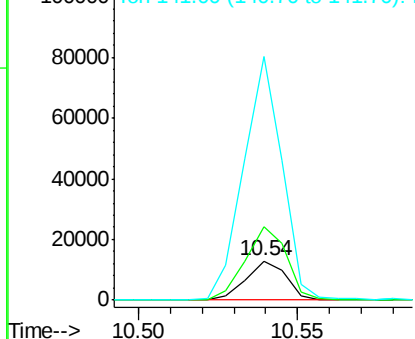


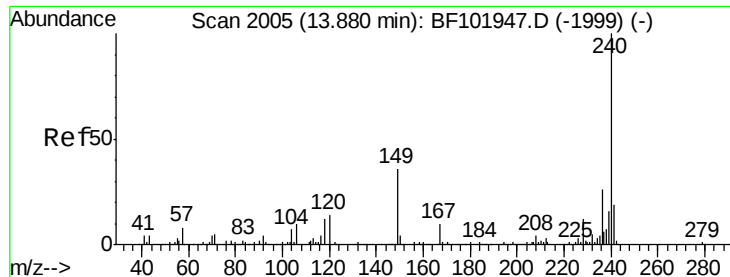
#66
 4-Bromophenyl-phenylether
 Concen: 3.221 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.25 min
 Lab File: BF102161.D
 Acq: 17 Jan 2018 20:20

Tgt Ion:248 Resp: 11374
 Ion Ratio Lower Upper
 248 100
 250 186.6 76.9 115.3#
 141 619.8 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: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF102161.D

Acq: 17 Jan 2018 20:20

Instrument :

BNA_F

ClientSampleId :

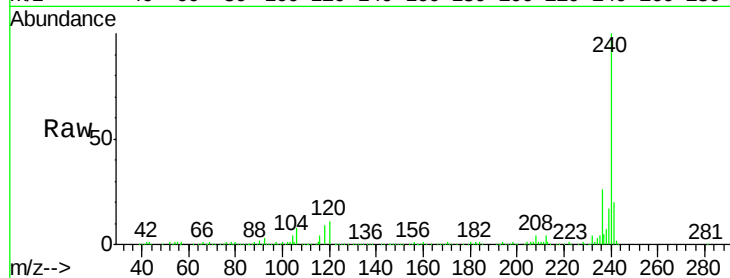
Tot Ion:240 Resp: 246069

Ion Ratio Lower Upper

240 100

120 10.9 9.5 14.3

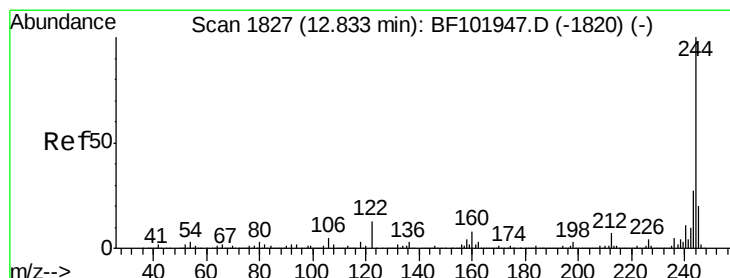
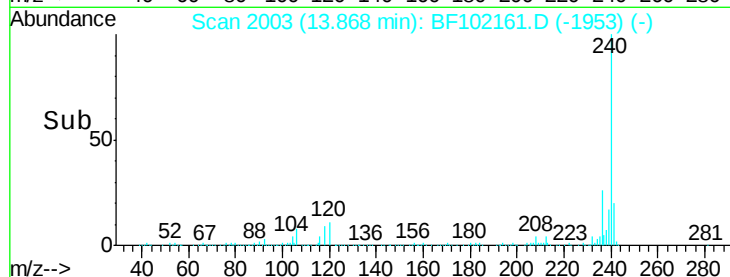
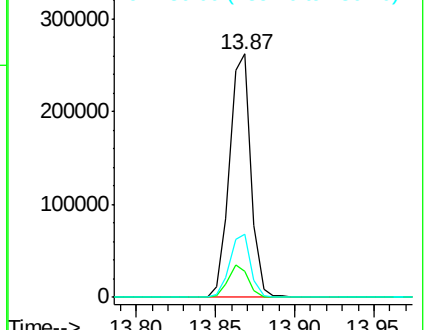
236 26.1 20.7 31.1



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: 49.502 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF102161.D

Acq: 17 Jan 2018 20:20

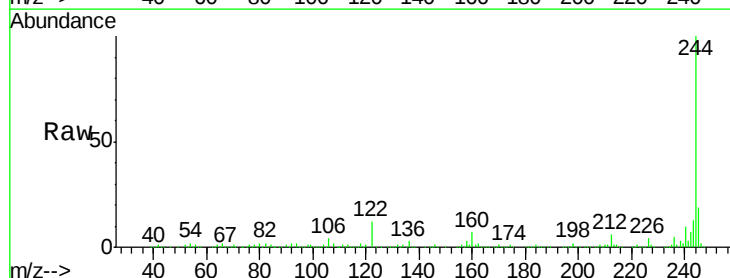
Tgt Ion:244 Resp: 586678

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

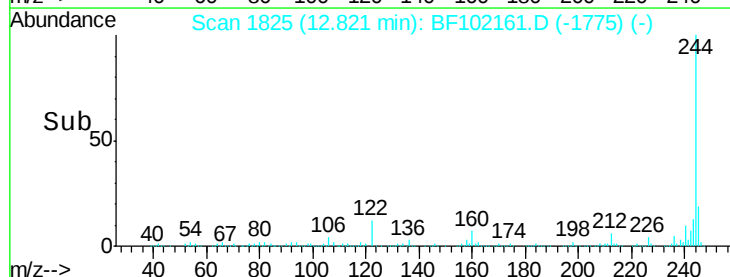
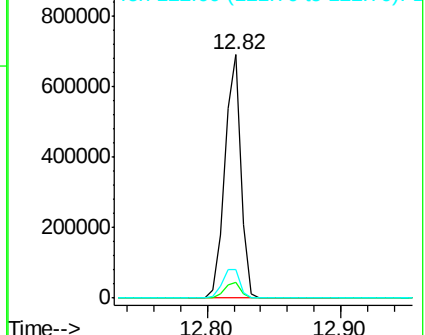
122 11.6 11.0 16.4

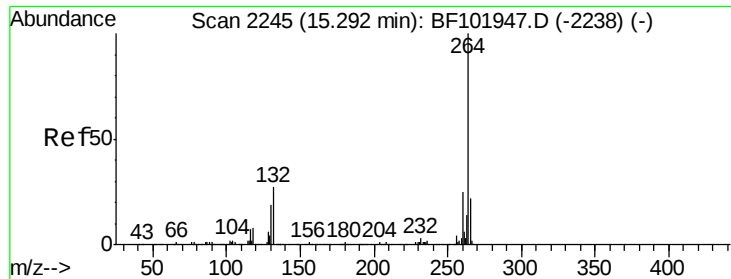


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

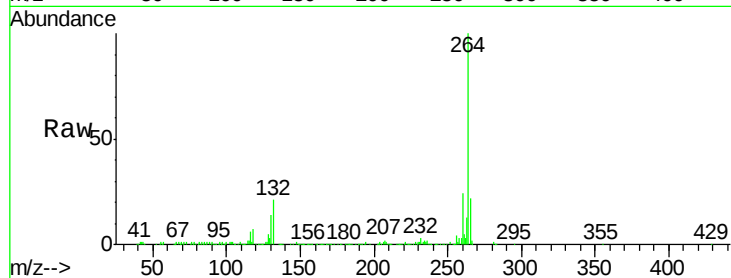




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2244
Delta R.T. -0.00 min
Lab File: BF102161.D
Acq: 17 Jan 2018 20:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.6	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

