

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070618\
 Data File : BF107190.D
 Acq On : 6 Jul 2018 22:59
 Operator : JU/SJ
 Sample : J3887-07
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-8-D

Quant Time: Jul 07 00:18:57 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

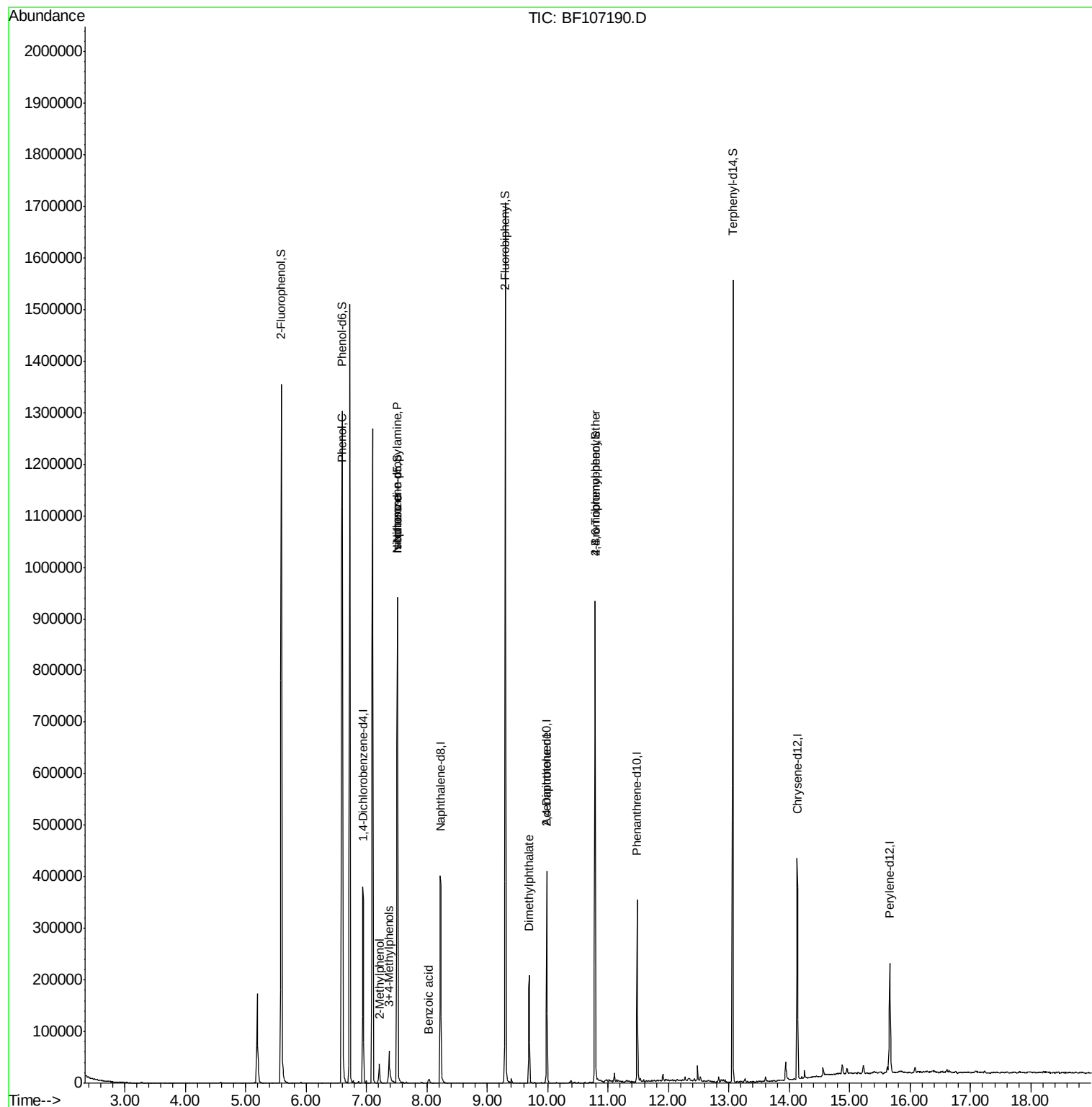
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	59118	20.00	ng	-0.01
21) Naphthalene-d8	8.22	136	213954	20.00	ng	-0.02
38) Acenaphthene-d10	9.99	164	92553	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	155313	20.00	ng	-0.02
75) Chrysene-d12	14.13	240	164448	20.00	ng	-0.04
86) Perylene-d12	15.67	264	120483	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	450884	129.15	ng	0.00
7) Phenol-d6	6.60	99	564659	129.51	ng	-0.02
23) Nitrobenzene-d5	7.51	82	354075	91.97	ng	-0.02
41) 2,4,6-Tribromophenol	10.78	330	138025	128.67	ng	-0.02
44) 2-Fluorobiphenyl	9.30	172	575234	109.44	ng	-0.02
78) Terphenyl-d14	13.07	244	586319	86.36	ng	-0.02
Target Compounds						
10) Phenol	6.61	94	58361	11.729	ng	Qvalue 100
17) 2-Methylphenol	7.21	107	9788	2.987	ng	93
19) n-Nitroso-di-n-propylamine	7.51	70	46061	16.027	ng	# 73
20) 3+4-Methylphenols	7.37	107	29242	6.104	ng	85
25) Isophorone	7.51	82	354072	52.191	ng	# 64
32) Benzoic acid	8.03	122	4024	7.430	ng	# 16
49) Dimethylphthalate	9.70	163	96910	13.961	ng	99
56) 2,4-Dinitrotoluene	9.98	165	11432	5.958	ng	# 21
66) 4-Bromophenyl-phenylether	10.78	248	8660	4.672	ng	# 1

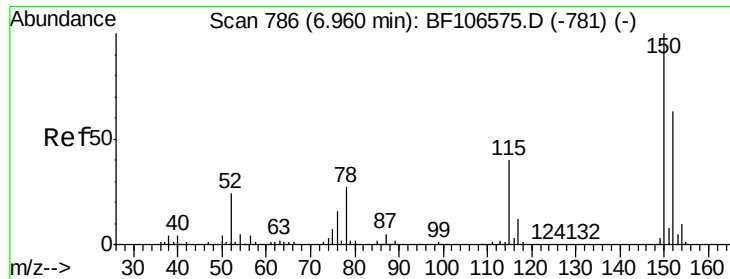
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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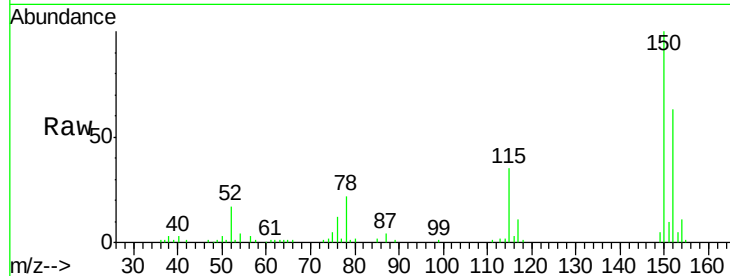


#1

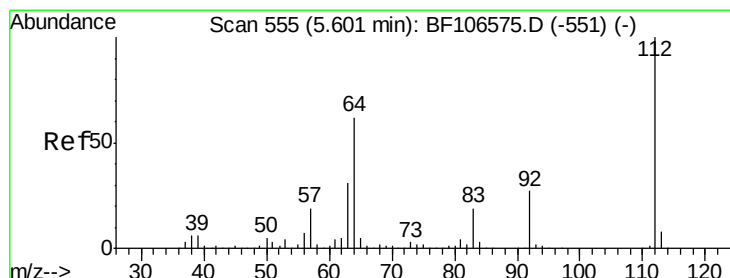
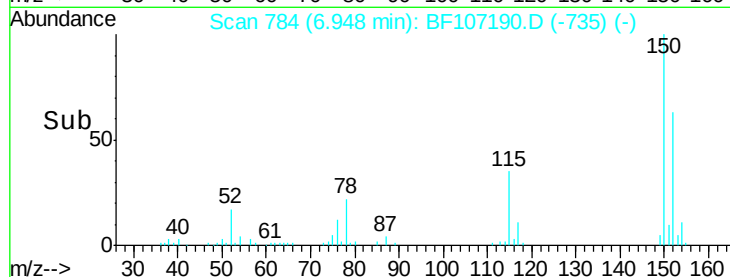
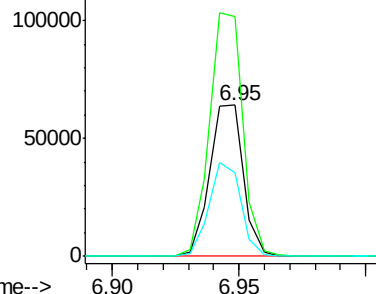
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF107190.D
Acq: 6 Jul 2018 22:59

Instrument :
BNA_F
ClientSampleId :
TP-8-D

Tgt Ion:152 Resp: 59118
Ion Ratio Lower Upper
152 100
150 158.5 124.6 186.8
115 55.6 50.1 75.1



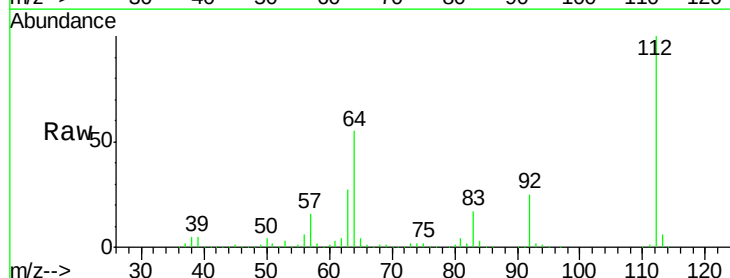
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



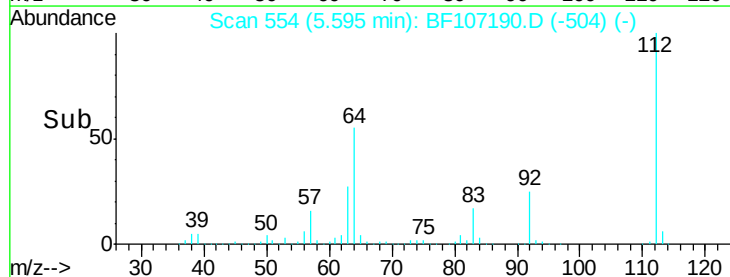
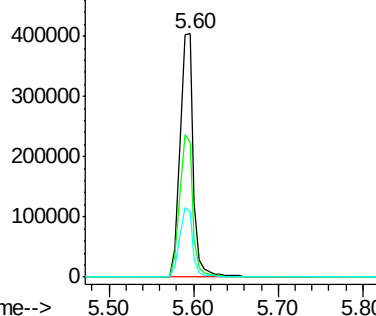
#5

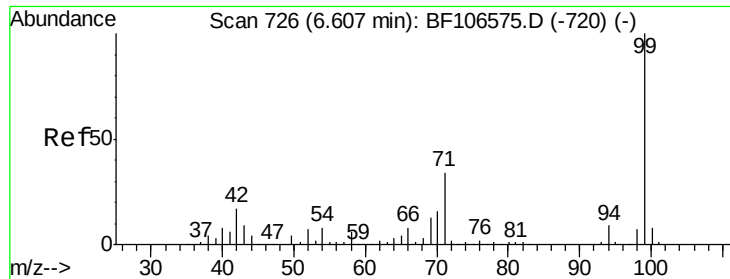
2-Fluorophenol
Concen: 129.147 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107190.D
Acq: 6 Jul 2018 22:59

Tgt Ion:112 Resp: 450884
Ion Ratio Lower Upper
112 100
64 55.2 47.9 71.9
63 27.2 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: 129.512 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107190.D

Acq: 6 Jul 2018 22:59

Instrument :

BNA_F

ClientSampleId :

TP-8-D

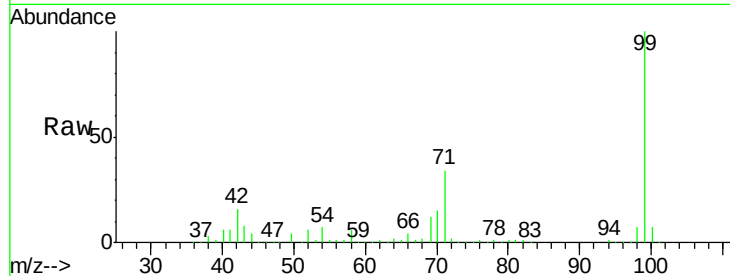
Tgt Ion: 99 Resp: 564659

Ion Ratio Lower Upper

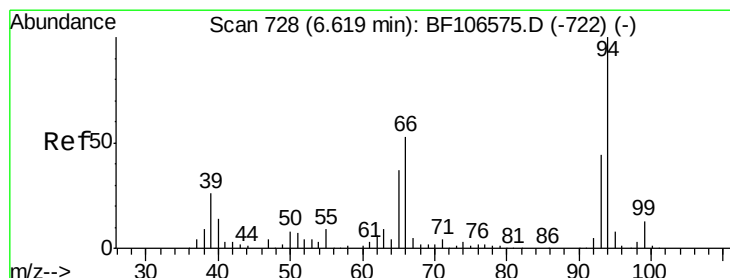
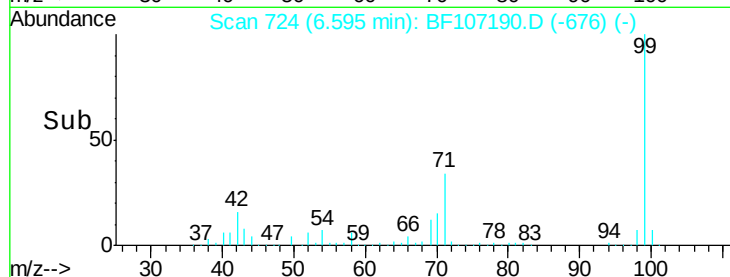
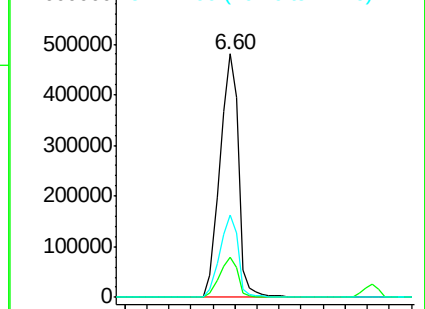
99 100

42 16.3 14.5 21.7

71 33.9 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



#10

Phenol

Concen: 11.729 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF107190.D

Acq: 6 Jul 2018 22:59

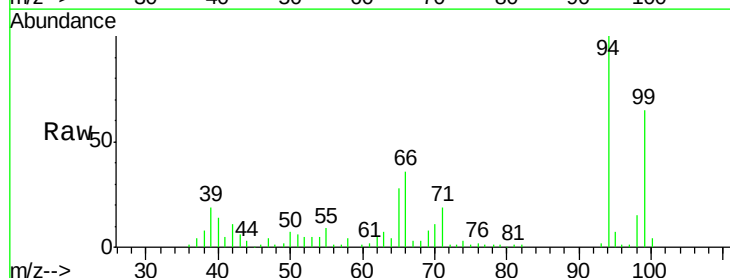
Tgt Ion: 94 Resp: 58361

Ion Ratio Lower Upper

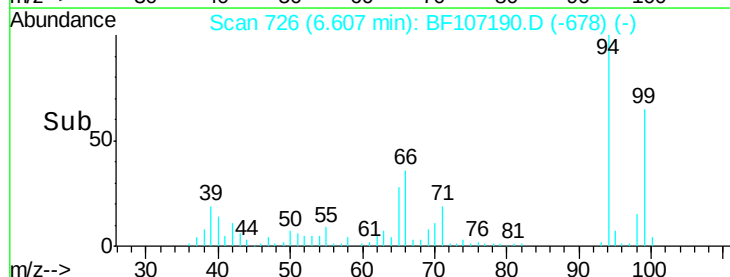
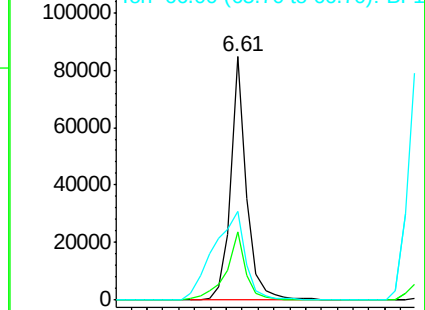
94 100

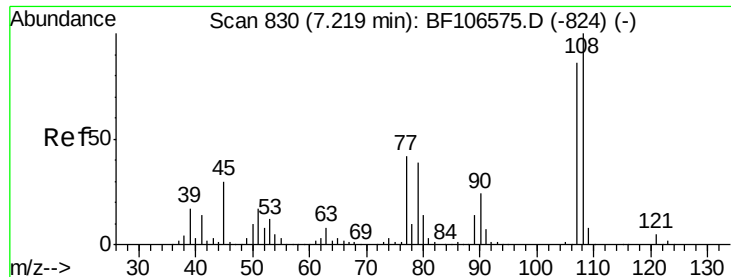
65 28.0 7.9 47.9

66 36.4 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

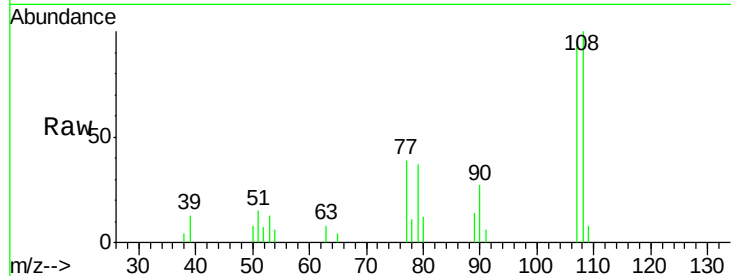




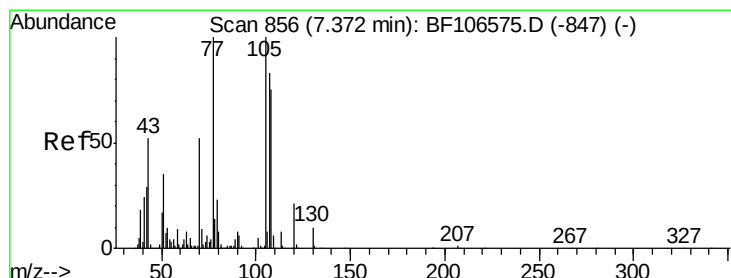
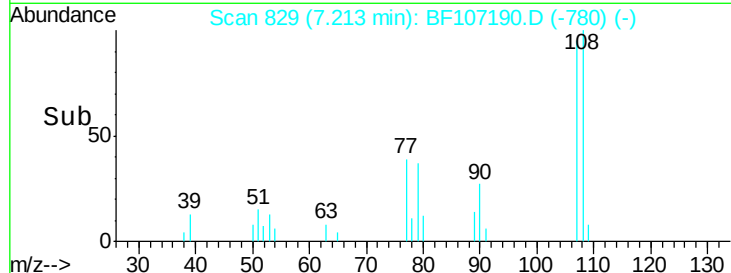
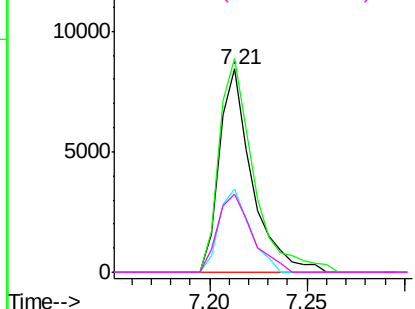
#17
2-Methylphenol
Concen: 2.987 ng
RT: 7.21 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF107190.D
Acq: 6 Jul 2018 22:59

Instrument :
BNA_F
ClientSampleId :
TP-8-D

Tgt Ion:107 Resp: 9788
Ion Ratio Lower Upper
107 100
108 105.1 91.7 137.5
77 40.7 33.8 50.8
79 38.4 33.8 50.8

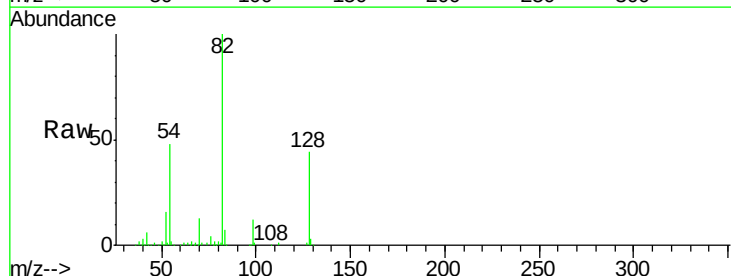


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

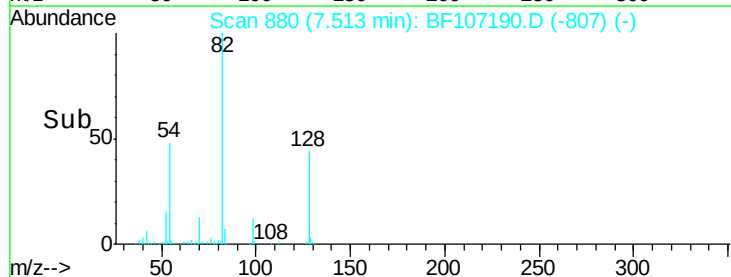
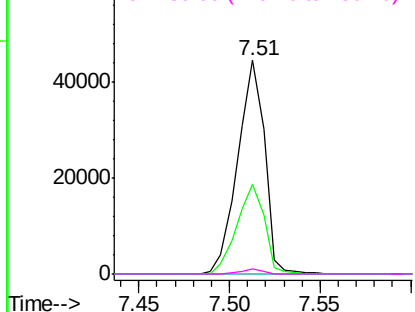


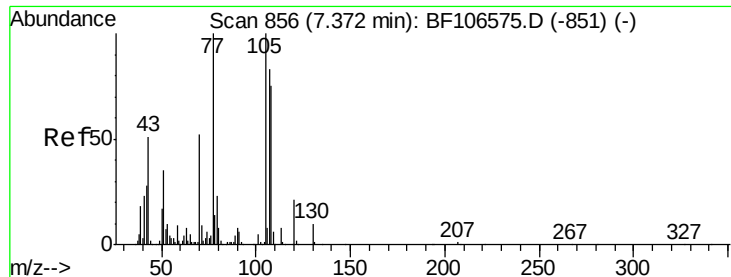
#19
n-Nitroso-di-n-propylamine
Concen: 16.027 ng
RT: 7.51 min Scan# 880
Delta R.T. 0.13 min
Lab File: BF107190.D
Acq: 6 Jul 2018 22:59

Tgt Ion: 70 Resp: 46061
Ion Ratio Lower Upper
70 100
42 42.1 47.5 71.3#
101 0.0 7.4 11.2#
130 2.2 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): E
Ion 130.00 (129.70 to 130.70): E

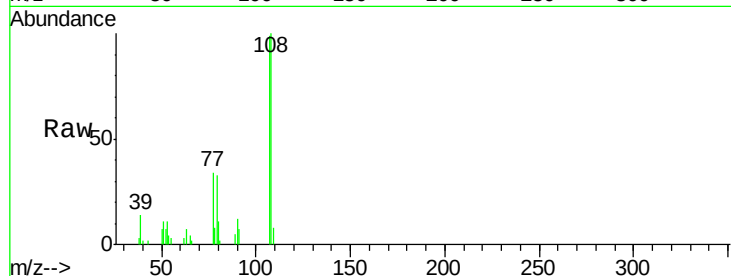




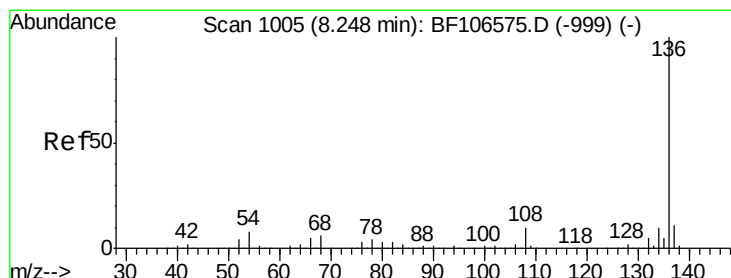
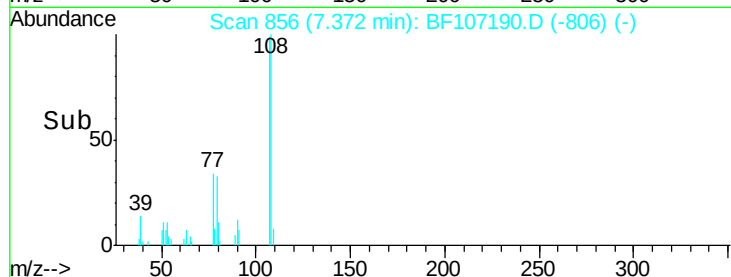
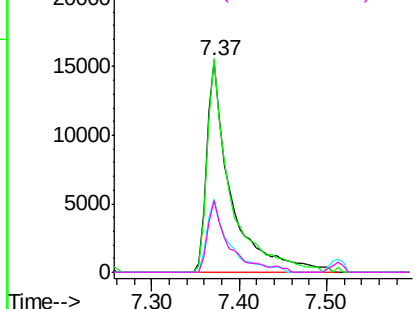
#20
3+4-Methylphenols
Concen: 6.104 ng
RT: 7.37 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF107190.D
Acq: 6 Jul 2018 22:59

Instrument :
BNA_F
ClientSampleId :
TP-8-D

Tgt Ion:	107	Resp:	29242
Ion	Ratio	Lower	Upper
107	100		
108	100.8	68.2	108.2
77	34.3	26.7	66.7
79	33.7	6.3	46.3

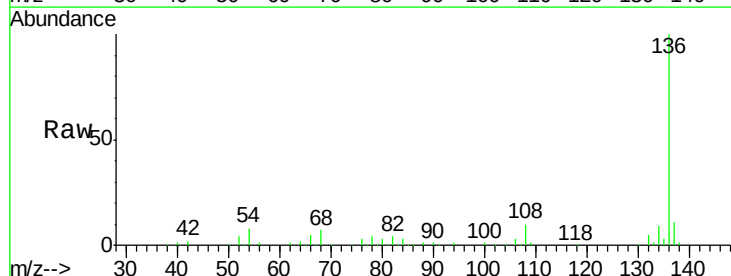


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

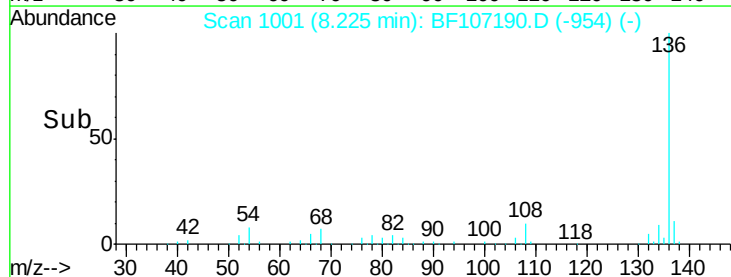
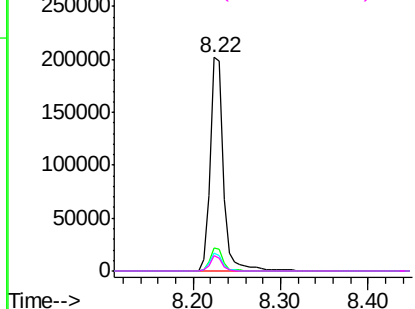


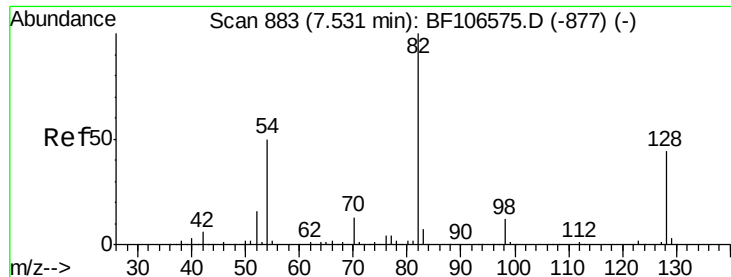
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BF107190.D
Acq: 6 Jul 2018 22:59

Tgt Ion:	136	Resp:	213954
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.5	6.6	9.8
68	7.2	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

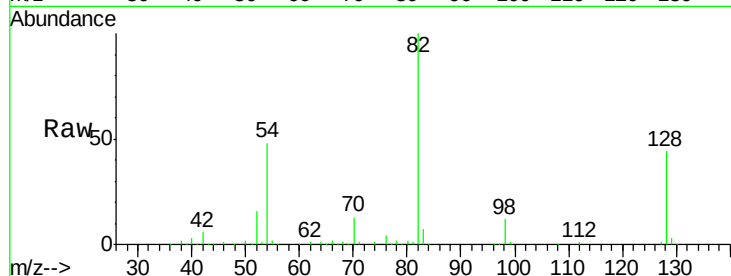




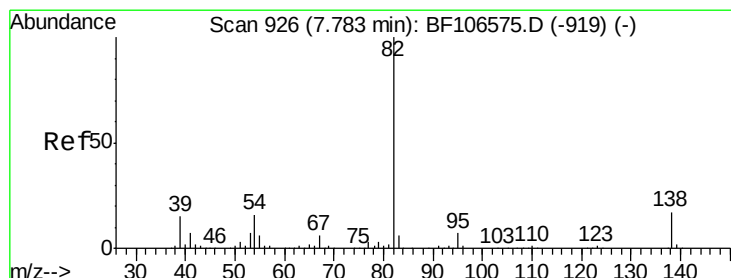
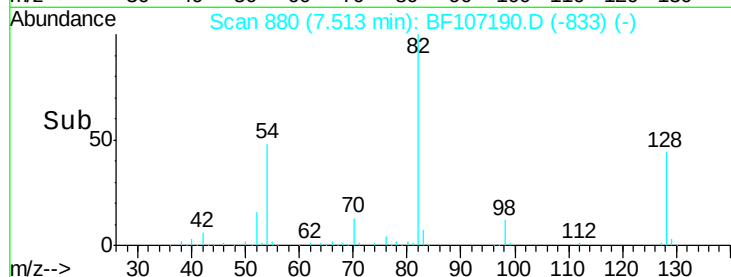
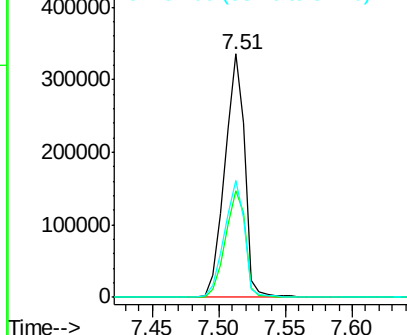
#23
Nitrobenzene-d5
Concen: 91.969 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF107190.D
Acq: 6 Jul 2018 22:59

Instrument :
BNA_F
ClientSampleId :
TP-8-D

Tgt Ion: 82 Resp: 354075
Ion Ratio Lower Upper
82 100
128 43.7 36.1 54.1
54 48.2 41.4 62.2

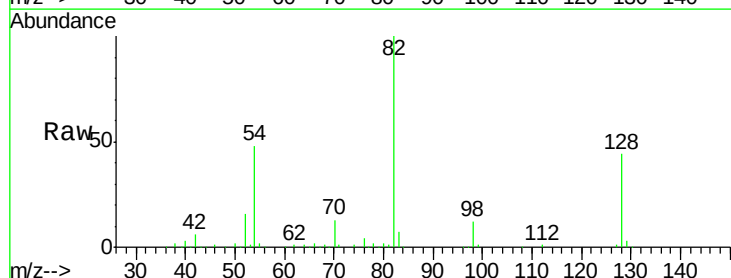


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

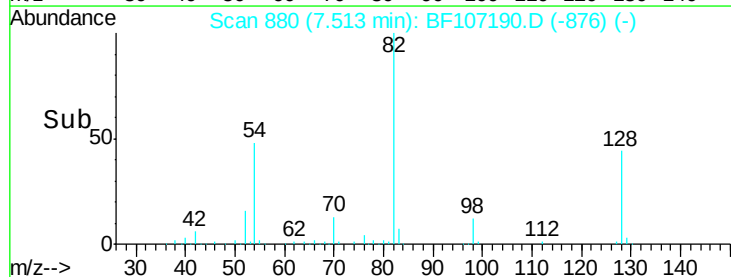
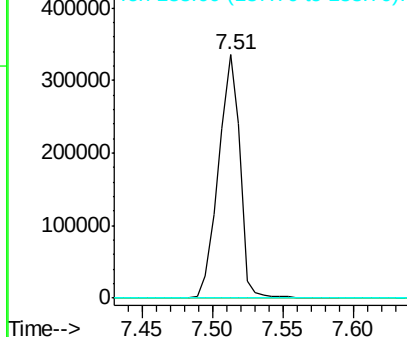


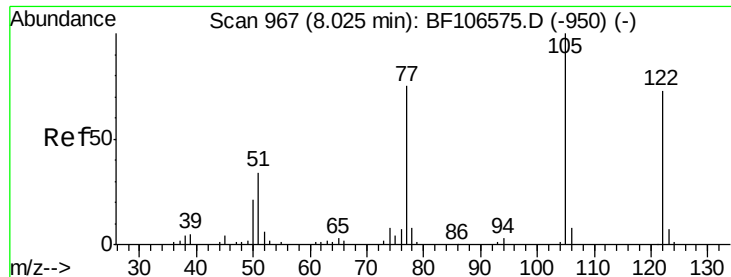
#25
Isophorone
Concen: 52.191 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.28 min
Lab File: BF107190.D
Acq: 6 Jul 2018 22:59

Tgt Ion: 82 Resp: 354072
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





#32

Benzoic acid

Concen: 7.430 ng

RT: 8.03 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF107190.D

Acq: 6 Jul 2018 22:59

Instrument :

BNA_F

ClientSampleId :

TP-8-D

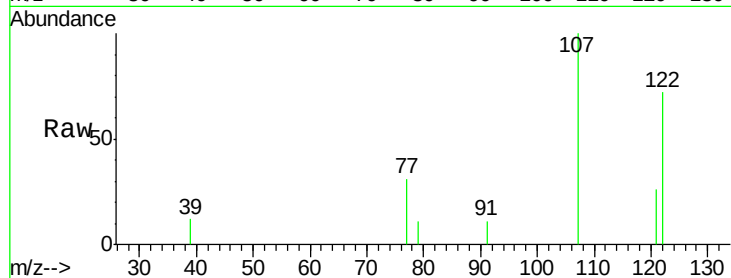
Tgt Ion:122 Resp: 4024

Ion Ratio Lower Upper

122 100

105 0.0 101.1 141.1#

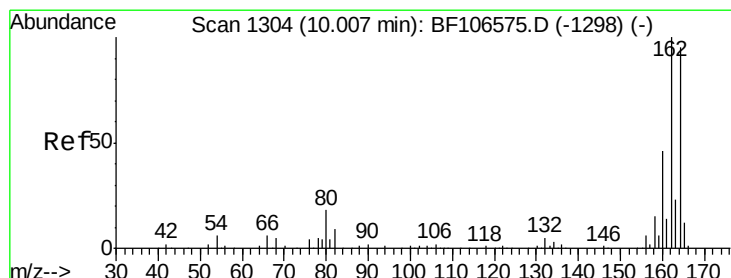
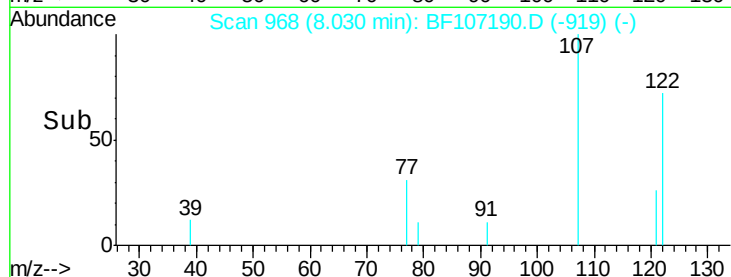
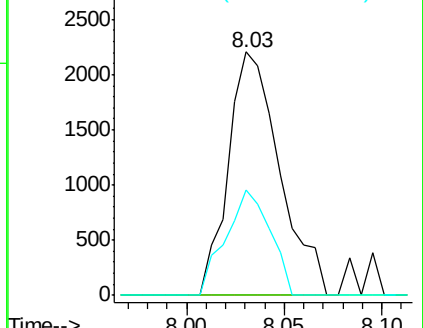
77 43.1 70.7 110.7#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.99 min Scan# 1301

Delta R.T. -0.02 min

Lab File: BF107190.D

Acq: 6 Jul 2018 22:59

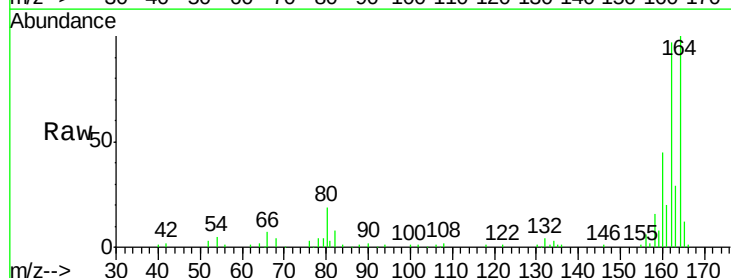
Tgt Ion:164 Resp: 92553

Ion Ratio Lower Upper

164 100

162 97.4 86.1 129.1

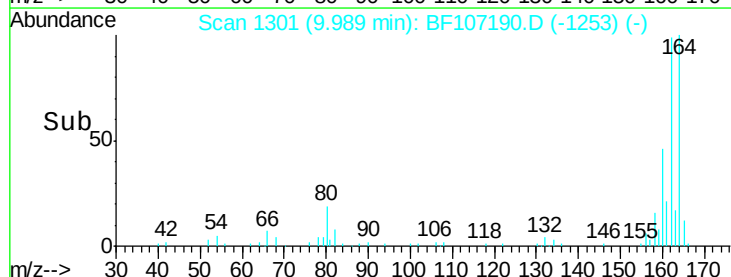
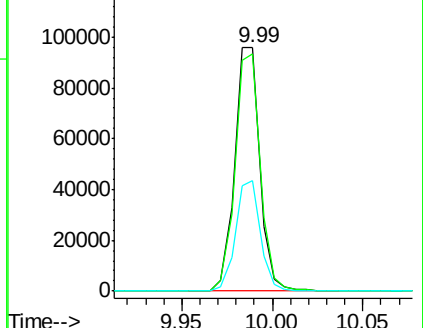
160 45.3 38.3 57.5

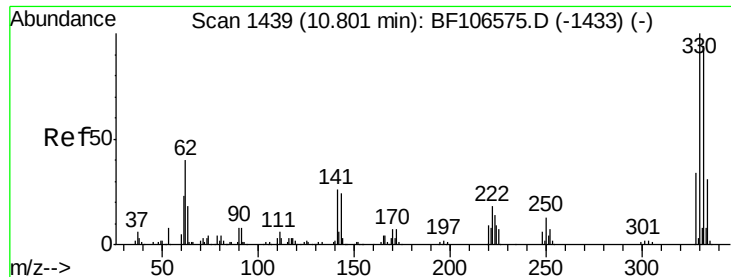


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

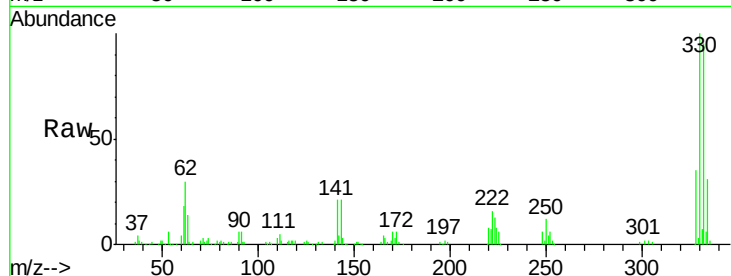




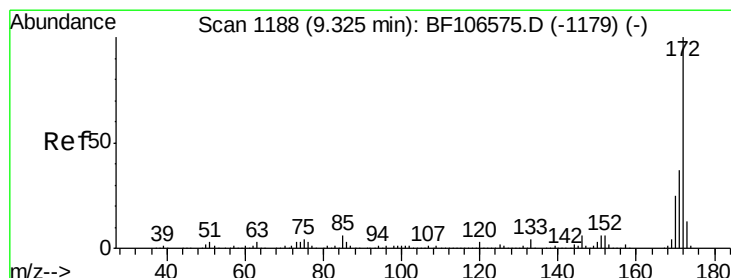
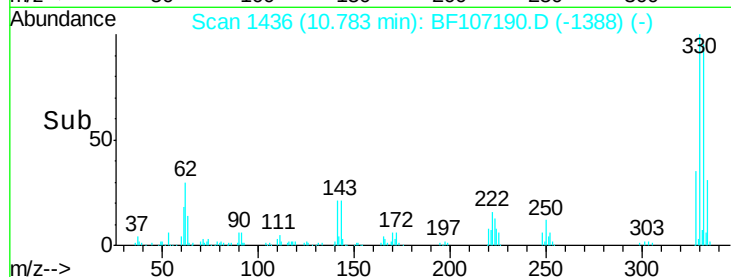
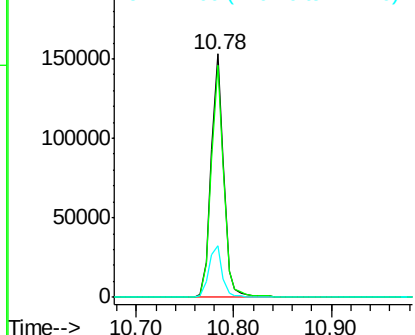
#41
 2,4,6-Tribromophenol
 Concen: 128.669 ng
 RT: 10.78 min Scan# 1436
 Delta R.T. -0.02 min
 Lab File: BF107190.D
 Acq: 6 Jul 2018 22:59

Instrument :
 BNA_F
 ClientSampleId :
 TP-8-D

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.0	115.6
141	22.3	29.9	44.9#

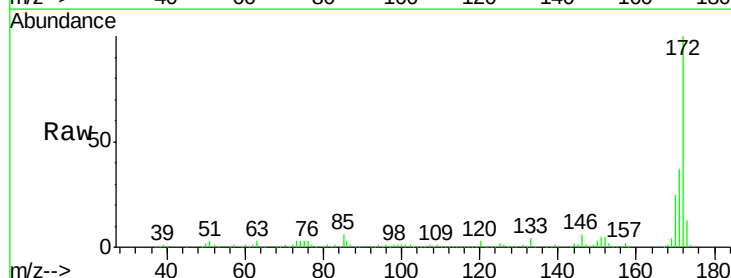


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

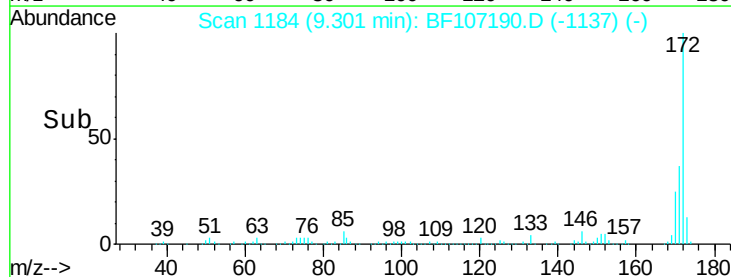
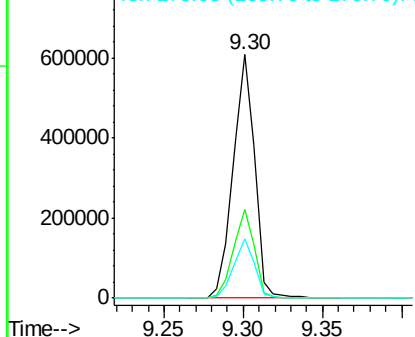


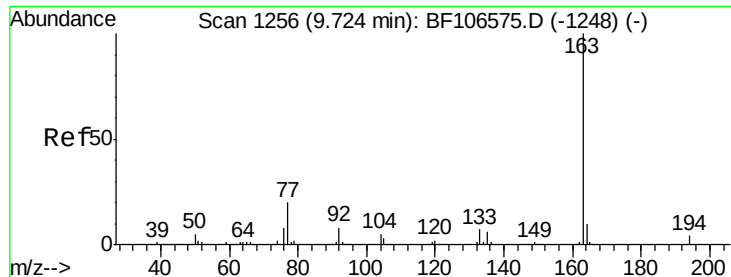
#44
 2-Fluorobiphenyl
 Concen: 109.441 ng
 RT: 9.30 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF107190.D
 Acq: 6 Jul 2018 22:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.6	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

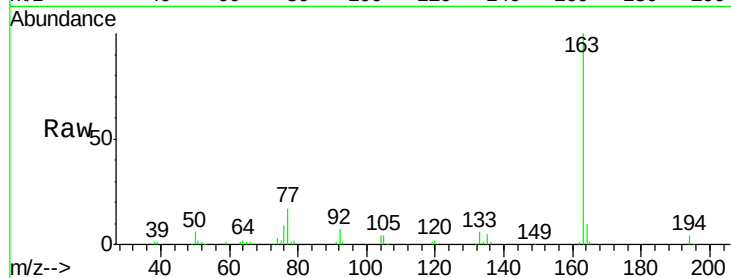




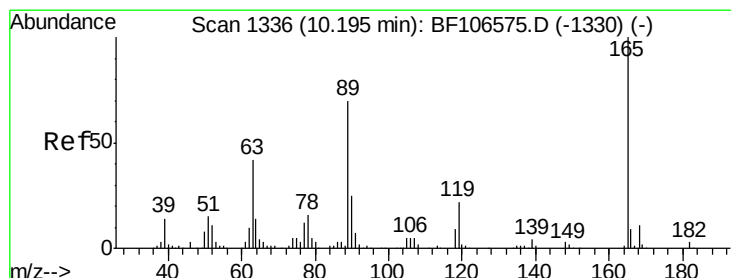
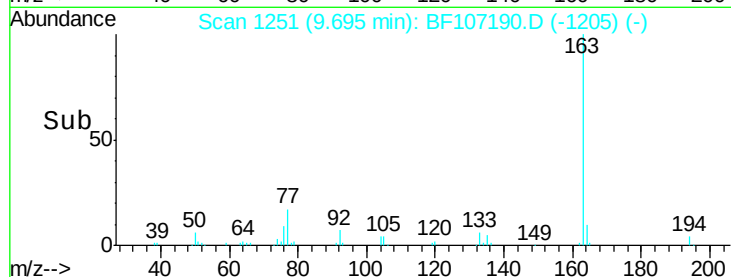
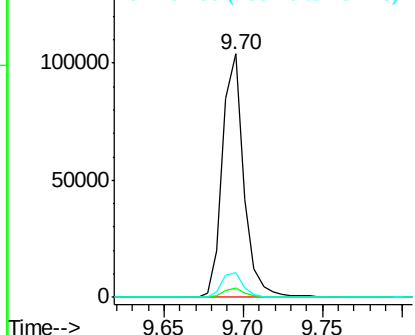
#49
Dimethylphthalate
Concen: 13.961 ng
RT: 9.70 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF107190.D
Acq: 6 Jul 2018 22:59

Instrument :
BNA_F
ClientSampled :
TP-8-D

Tgt Ion:163 Resp: 96910
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1
164 10.1 8.2 12.2

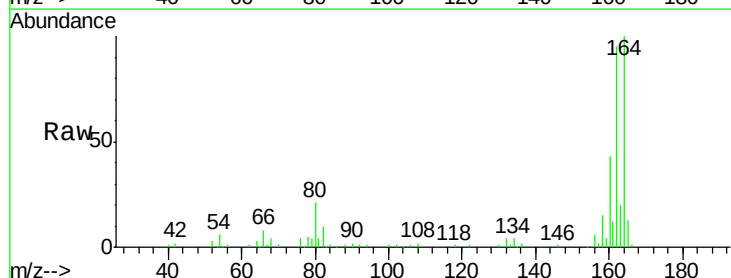


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

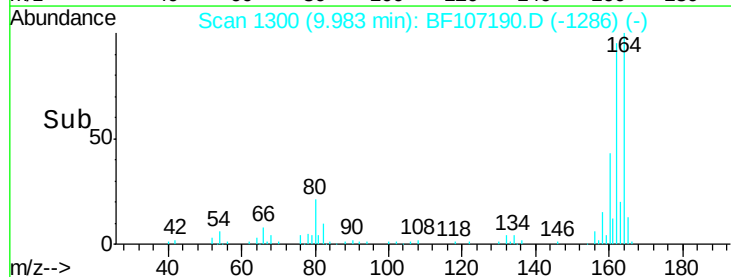
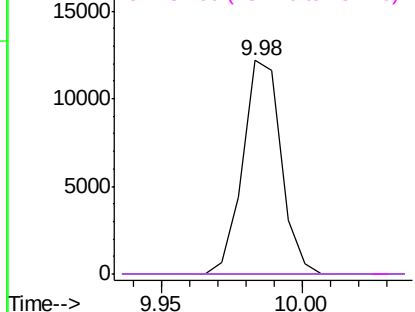


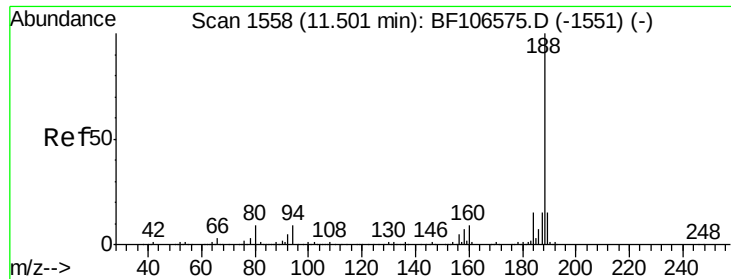
#56
2,4-Dinitrotoluene
Concen: 5.958 ng
RT: 9.98 min Scan# 1300
Delta R.T. -0.22 min
Lab File: BF107190.D
Acq: 6 Jul 2018 22:59

Tgt Ion:165 Resp: 11432
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: 11.48 min Scan# 1555

Delta R.T. -0.02 min

Lab File: BF107190.D

Acq: 6 Jul 2018 22:59

Instrument :

BNA_F

ClientSampleId :

TP-8-D

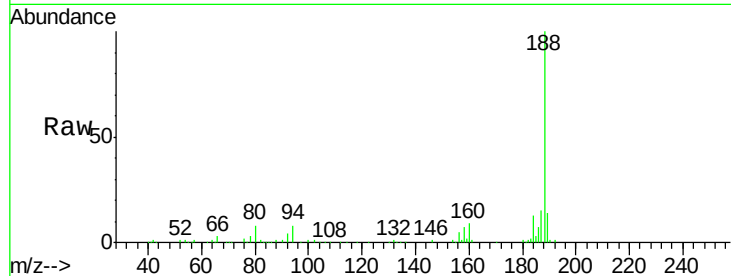
Tgt Ion:188 Resp: 155313

Ion Ratio Lower Upper

188 100

94 7.9 8.5 12.7#

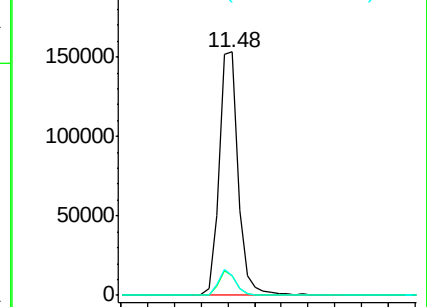
80 8.2 9.2 13.8#



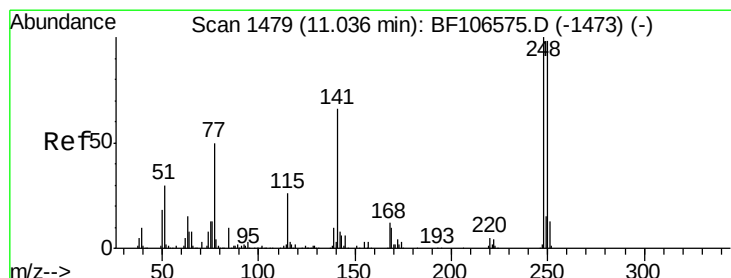
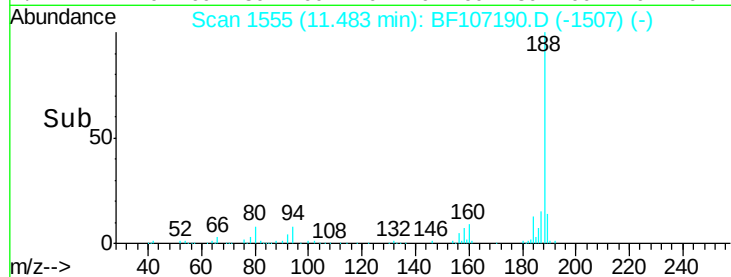
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



Time--> 11.40 11.50 11.60



#66

4-Bromophenyl-phenylether

Concen: 4.672 ng

RT: 10.78 min Scan# 1436

Delta R.T. -0.25 min

Lab File: BF107190.D

Acq: 6 Jul 2018 22:59

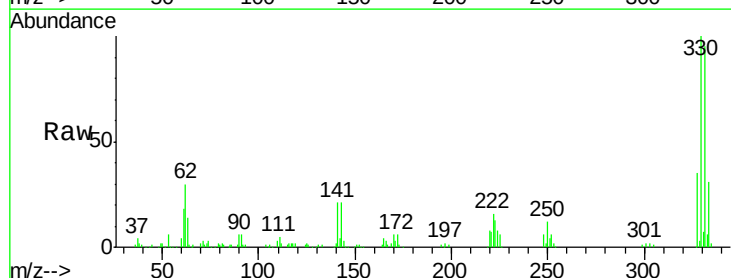
Tgt Ion:248 Resp: 8660

Ion Ratio Lower Upper

248 100

250 191.0 76.9 115.3#

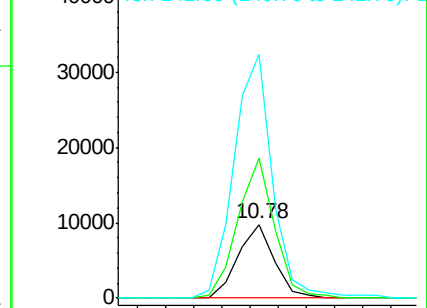
141 331.8 74.4 111.6#



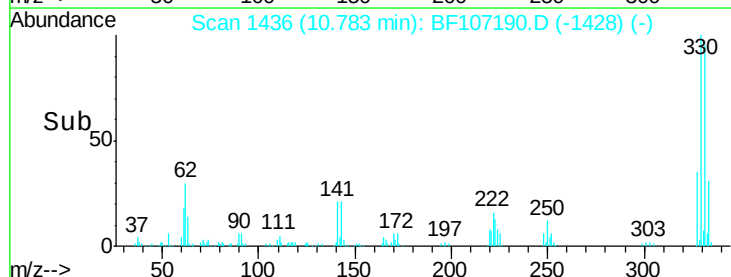
Abundance Ion 248.00 (247.70 to 248.70): E

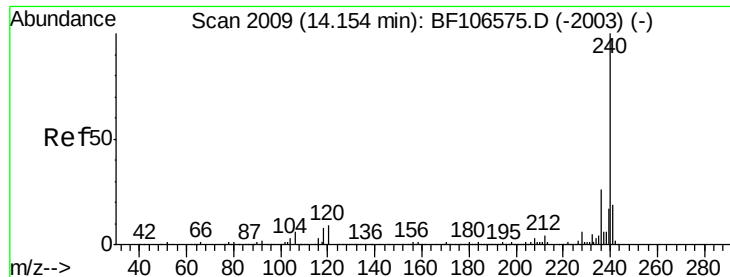
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



Time--> 10.75 10.80





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.13 min Scan# 2005

Delta R.T. -0.04 min

Lab File: BF107190.D

Acq: 6 Jul 2018 22:59

Instrument :

BNA_F

ClientSampleId :

TP-8-D

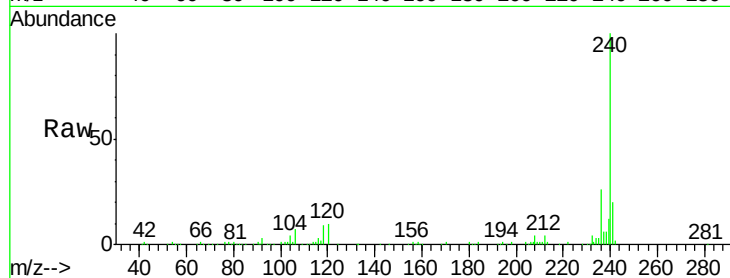
Tgt Ion:240 Resp: 164448

Ion Ratio Lower Upper

240 100

120 10.1 9.5 14.3

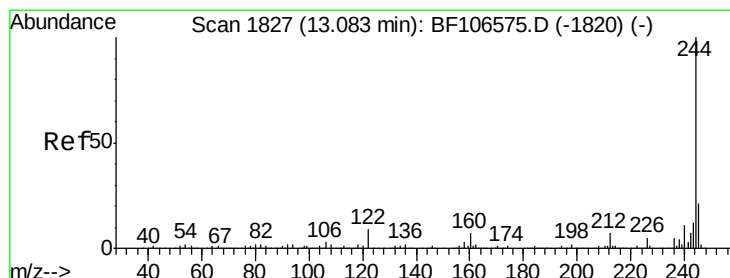
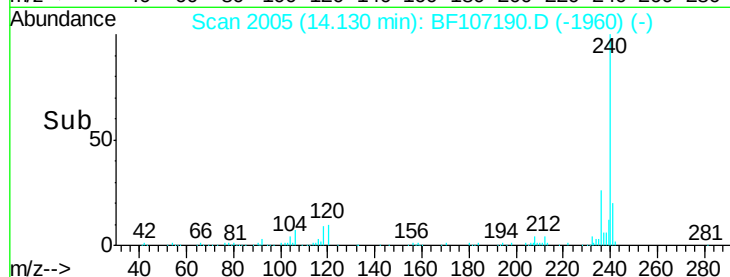
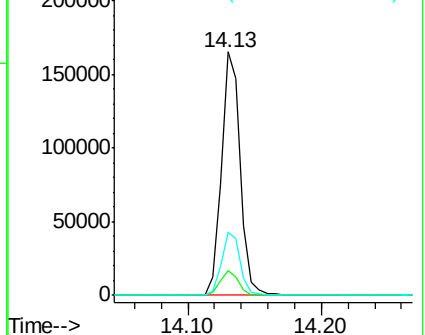
236 25.9 20.7 31.1



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: 86.364 ng

RT: 13.07 min Scan# 1824

Delta R.T. -0.02 min

Lab File: BF107190.D

Acq: 6 Jul 2018 22:59

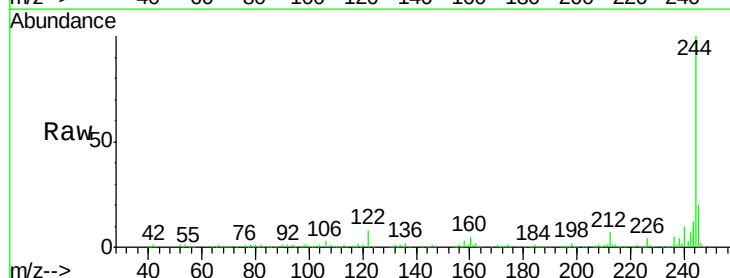
Tgt Ion:244 Resp: 586319

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

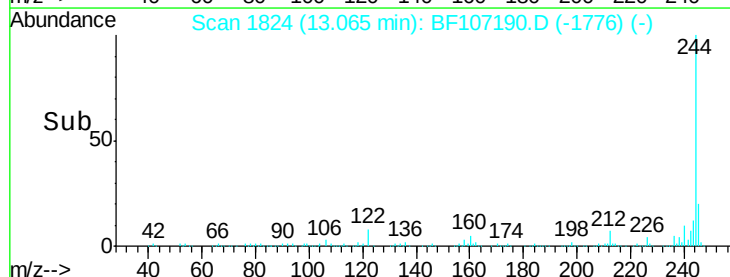
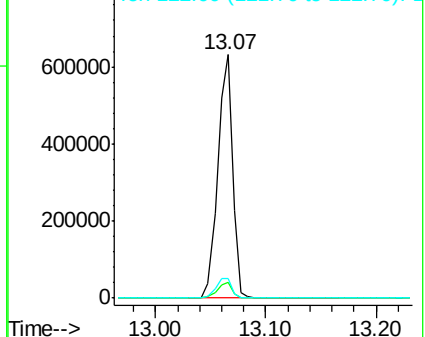
122 8.2 11.0 16.4#

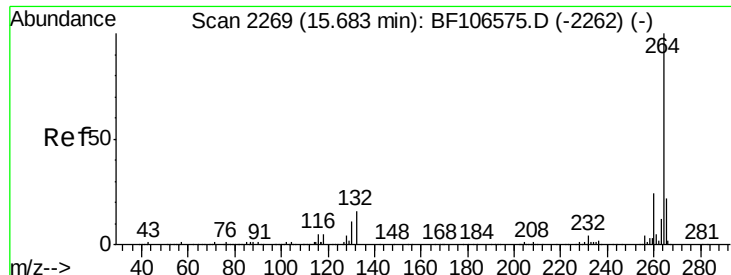


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

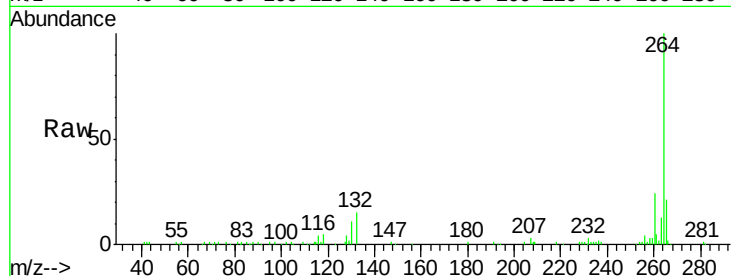




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2266
Delta R.T. -0.05 min
Lab File: BF107190.D
Acq: 6 Jul 2018 22:59

Instrument :
BNA_F
ClientSampleId :
TP-8-D

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.3	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

