

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070618\
 Data File : BF107189.D
 Acq On : 6 Jul 2018 22:33
 Operator : JU/SJ
 Sample : J3887-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-8-S

Quant Time: Jul 07 00:18:45 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

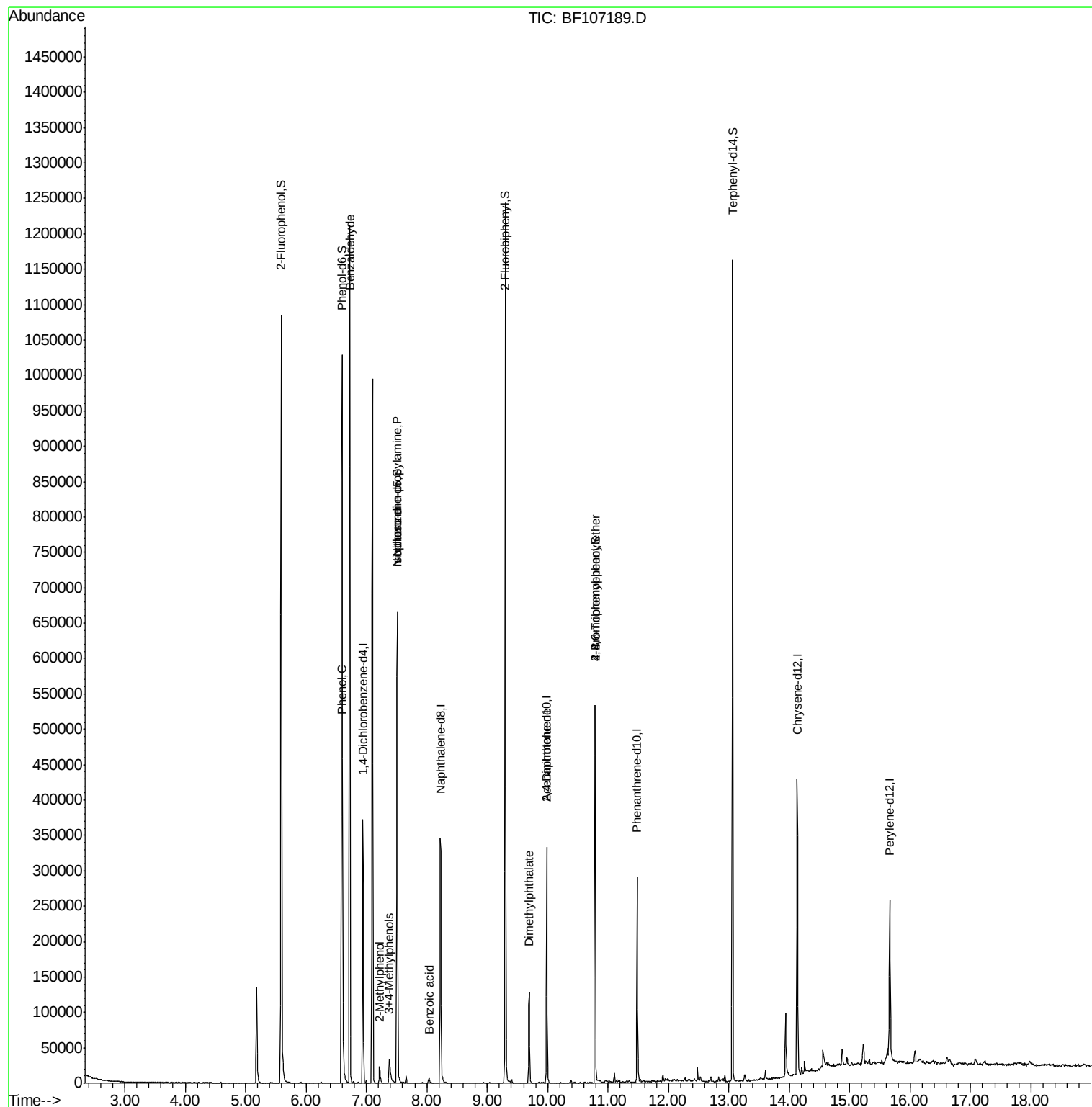
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	52318	20.00	ng	-0.02
21) Naphthalene-d8	8.22	136	184748	20.00	ng	-0.02
38) Acenaphthene-d10	9.98	164	73512	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	124405	20.00	ng	-0.02
75) Chrysene-d12	14.13	240	153256	20.00	ng	-0.04
86) Perylene-d12	15.67	264	120516	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	319628	103.45	ng	-0.01
7) Phenol-d6	6.60	99	390017	101.08	ng	-0.02
23) Nitrobenzene-d5	7.51	82	238257	71.67	ng	-0.02
41) 2,4,6-Tribromophenol	10.78	330	82331	96.63	ng	-0.02
44) 2-Fluorobiphenyl	9.30	172	399887	93.56	ng	-0.02
78) Terphenyl-d14	13.06	244	438830	69.36	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.72	77	6742	2.084	ng	86
10) Phenol	6.61	94	41671	9.463	ng	99
17) 2-Methylphenol	7.22	107	7159	2.469	ng	# 95
19) n-Nitroso-di-n-propylamine	7.51	70	30161	11.859	ng	# 72
20) 3+4-Methylphenols	7.38	107	20782	4.723	ng	84
25) Isophorone	7.51	82	238254	40.671	ng	# 64
32) Benzoic acid	8.04	122	3385	7.386	ng	# 18
49) Dimethylphthalate	9.70	163	60543	10.981	ng	99
56) 2,4-Dinitrotoluene	9.98	165	9539	6.260	ng	# 21
66) 4-Bromophenyl-phenylether	10.78	248	5141	3.463	ng	# 1

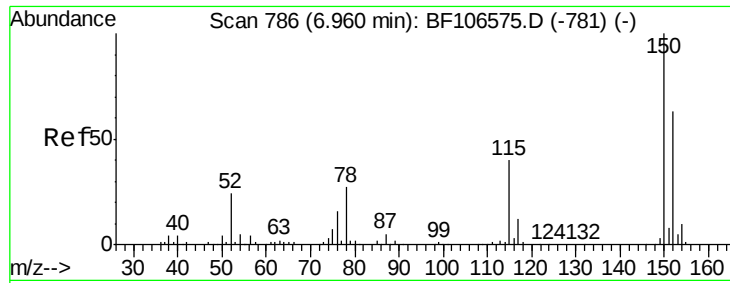
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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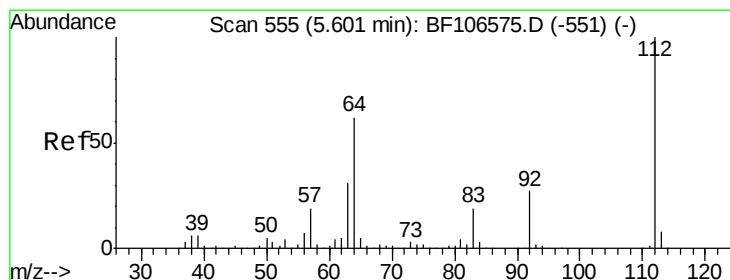
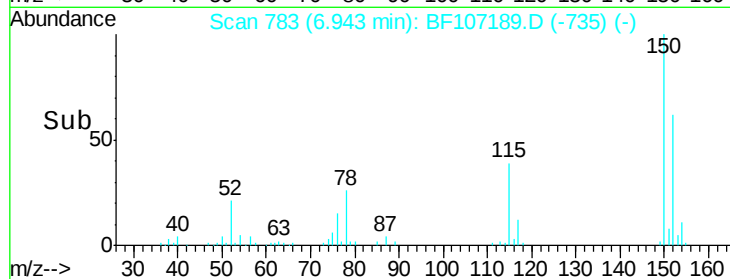
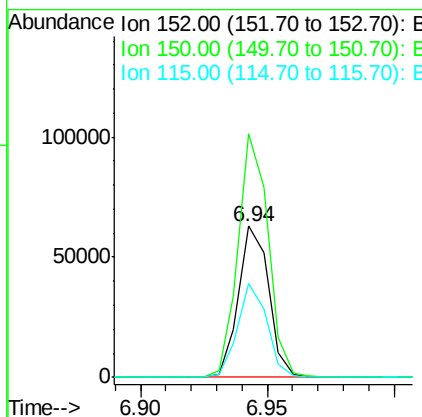
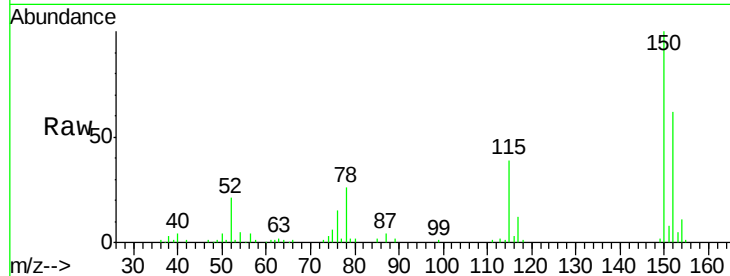


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 783
Delta R.T. -0.02 min
Lab File: BF107189.D
Acq: 6 Jul 2018 22:33

Instrument :
BNA_F
ClientSampled :
TP-8-S

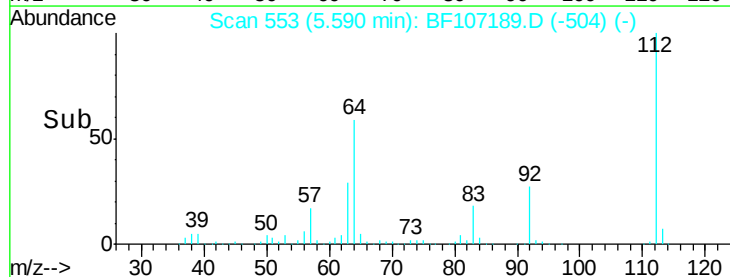
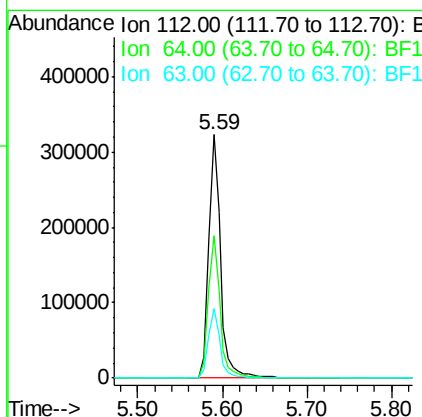
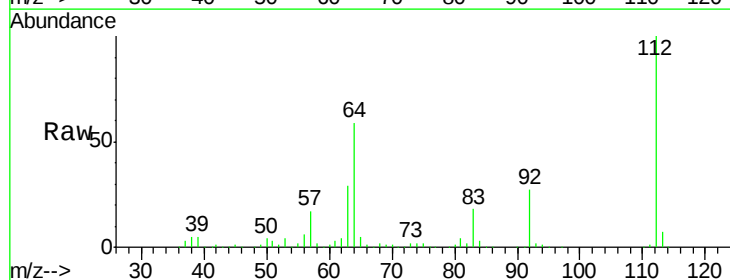
Tgt Ion:152 Resp: 52318
Ion Ratio Lower Upper
152 100
150 161.3 124.6 186.8
115 62.3 50.1 75.1



#5

2-Fluorophenol
Concen: 103.450 ng
RT: 5.59 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF107189.D
Acq: 6 Jul 2018 22:33

Tgt Ion:112 Resp: 319628
Ion Ratio Lower Upper
112 100
64 58.8 47.9 71.9
63 28.5 23.7 35.5





#7

Phenol-d6

Concen: 101.083 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107189.D

Acq: 6 Jul 2018 22:33

Instrument :

BNA_F

ClientSampled :

TP-8-S

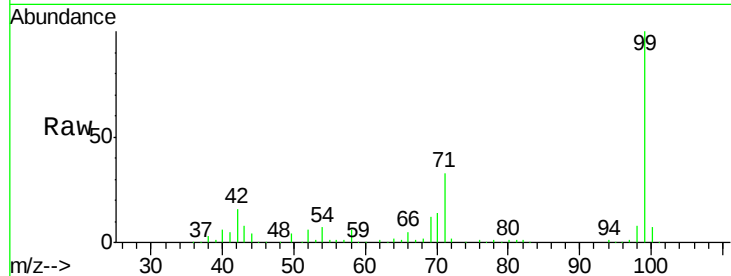
Tgt Ion: 99 Resp: 390017

Ion Ratio Lower Upper

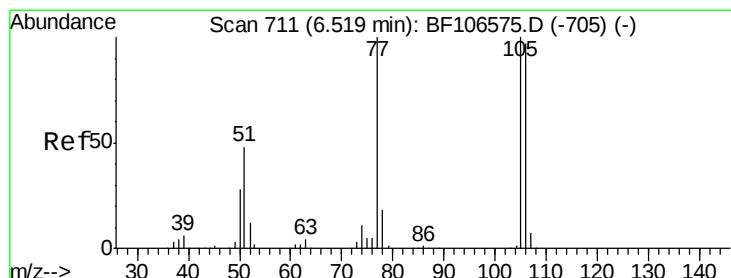
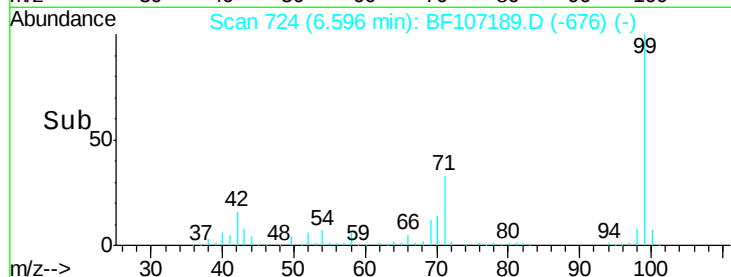
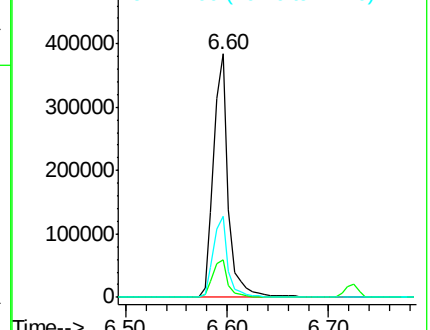
99 100

42 15.6 14.5 21.7

71 33.1 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



#9

Benzaldehyde

Concen: 2.084 ng

RT: 6.72 min Scan# 746

Delta R.T. 0.21 min

Lab File: BF107189.D

Acq: 6 Jul 2018 22:33

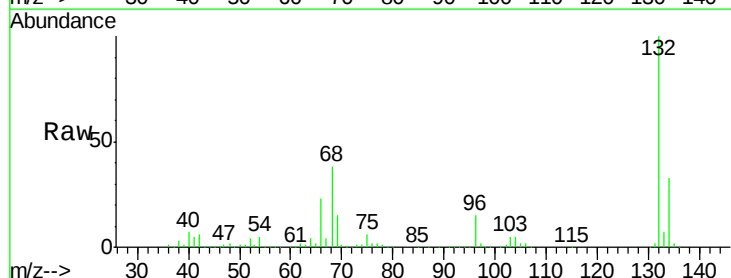
Tgt Ion: 77 Resp: 6742

Ion Ratio Lower Upper

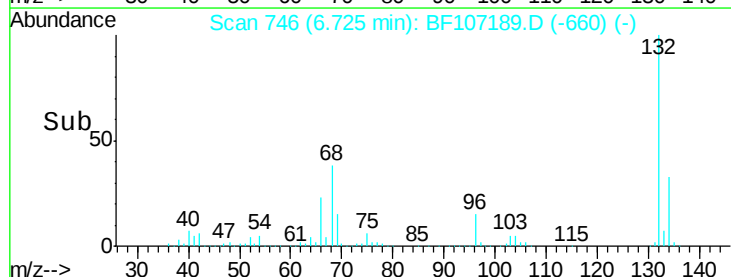
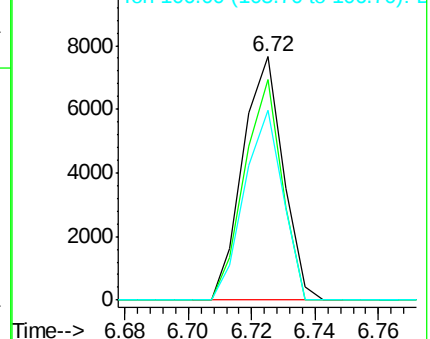
77 100

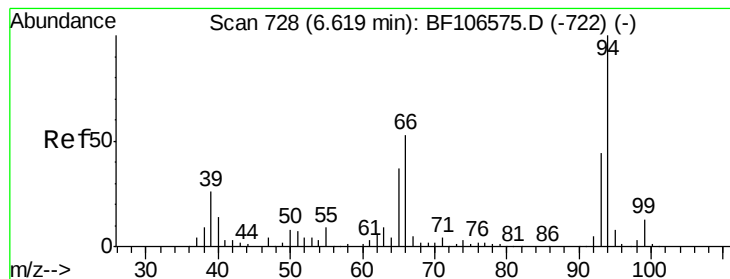
105 90.4 81.1 121.1

106 78.1 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1





#10

Phenol

Concen: 9.463 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF107189.D

Acq: 6 Jul 2018 22:33

Instrument :

BNA_F

ClientSampleId :

TP-8-S

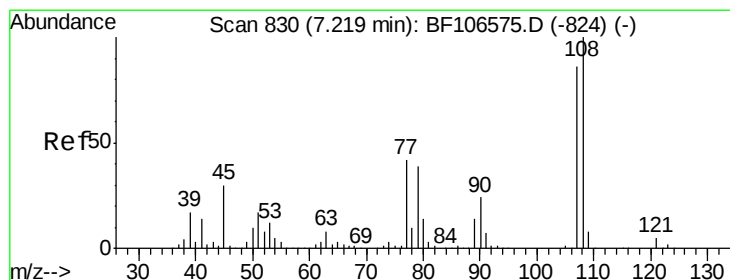
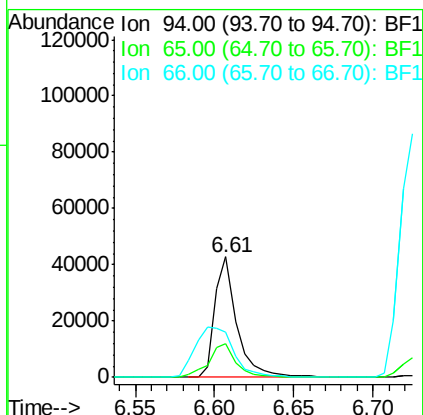
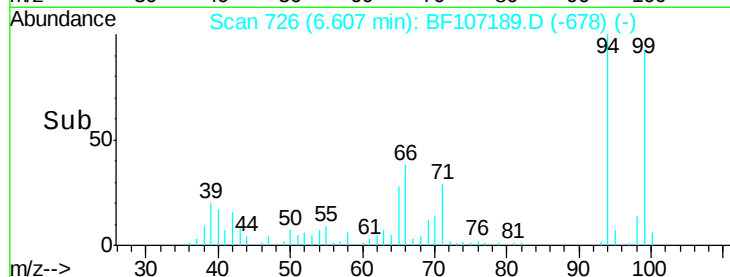
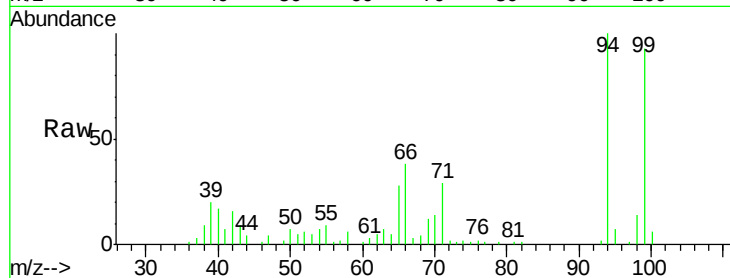
Tgt Ion: 94 Resp: 41671

Ion Ratio Lower Upper

94 100

65 28.1 7.9 47.9

66 37.5 16.2 56.2



#17

2-Methylphenol

Concen: 2.469 ng

RT: 7.22 min Scan# 830

Delta R.T. -0.01 min

Lab File: BF107189.D

Acq: 6 Jul 2018 22:33

Tgt Ion: 107 Resp: 7159

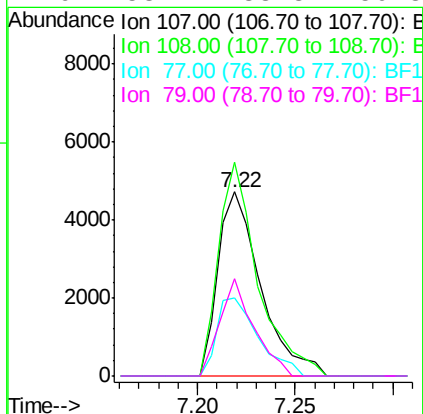
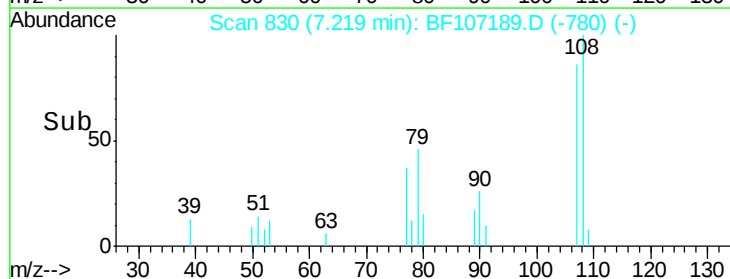
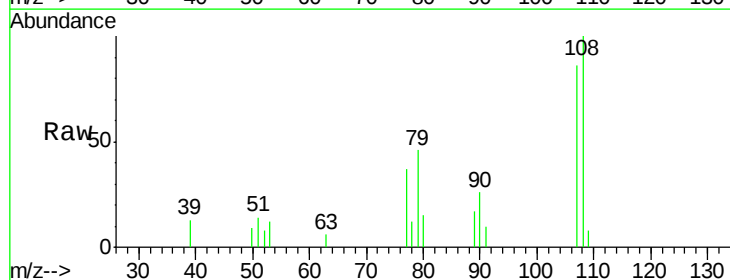
Ion Ratio Lower Upper

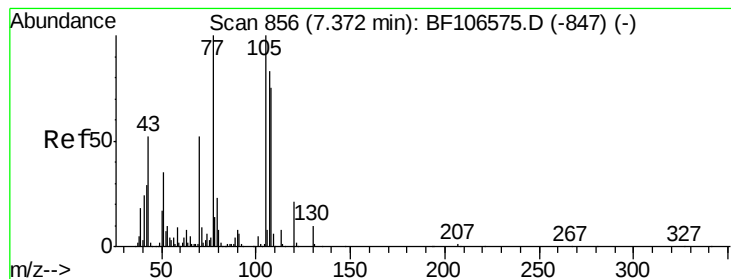
107 100

108 116.1 91.7 137.5

77 42.5 33.8 50.8

79 53.2 33.8 50.8#





#19

n-Nitroso-di-n-propylamine

Concen: 11.859 ng

RT: 7.51 min Scan# 880

Delta R.T. 0.13 min

Lab File: BF107189.D

Acq: 6 Jul 2018 22:33

Instrument :

BNA_F

ClientSampleId :

TP-8-S

Tgt Ion: 70 Resp: 30161

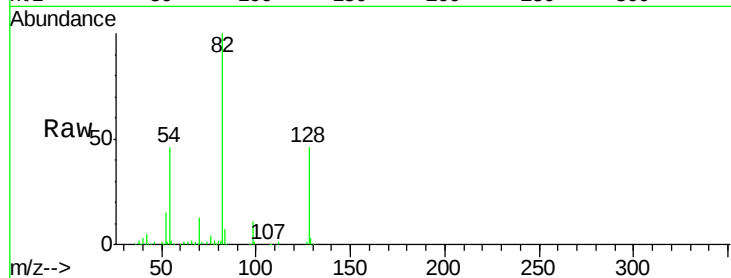
Ion Ratio Lower Upper

70 100

42 41.5 47.5 71.3#

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

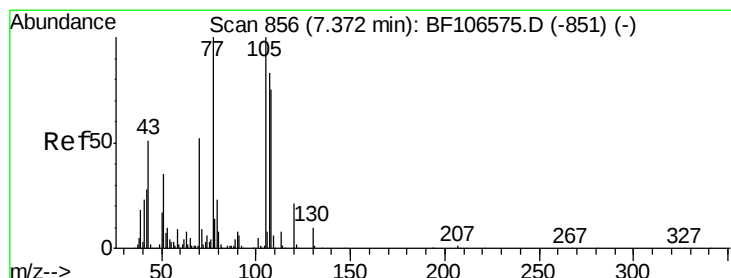
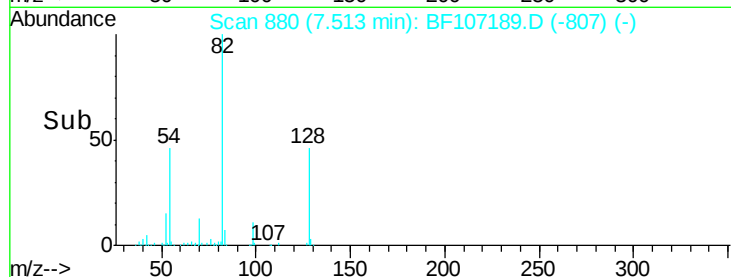
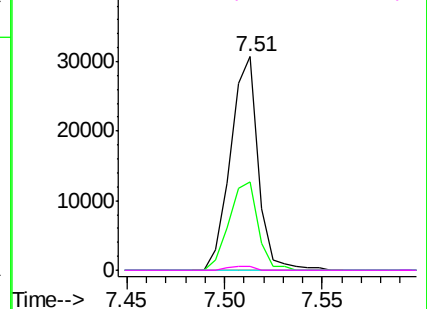


Abundance Ion 70.00 (69.70 to 70.70): BF1

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



#20

3+4-Methylphenols

Concen: 4.723 ng

RT: 7.38 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF107189.D

Acq: 6 Jul 2018 22:33

Tgt Ion: 107 Resp: 20782

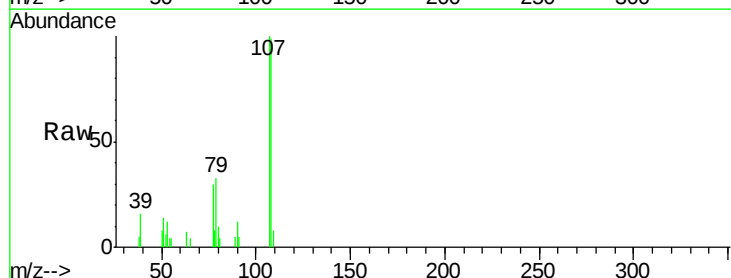
Ion Ratio Lower Upper

107 100

108 99.2 68.2 108.2

77 30.4 26.7 66.7

79 33.2 6.3 46.3

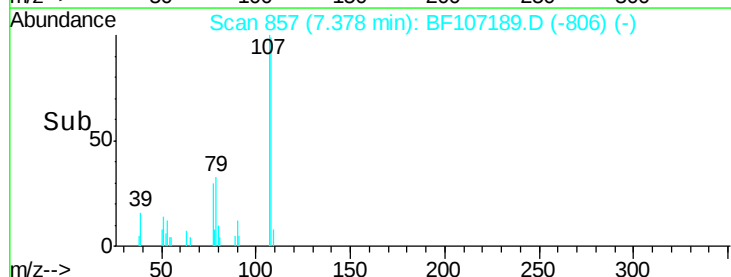
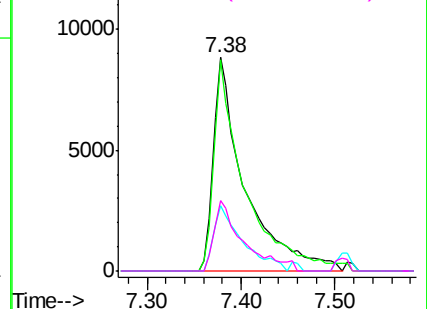


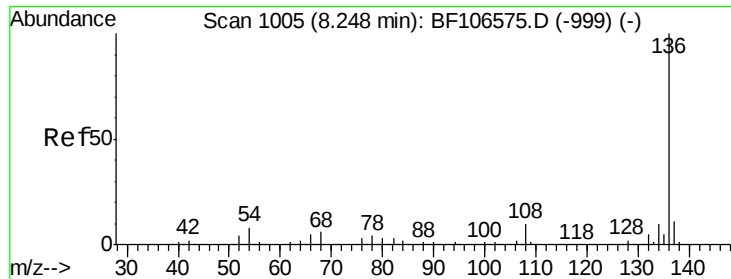
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

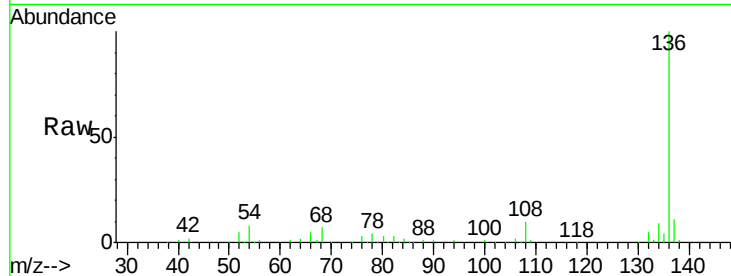




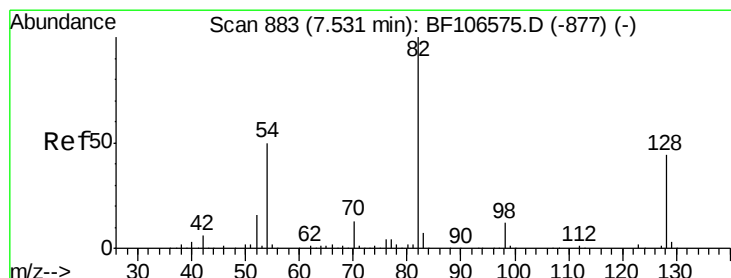
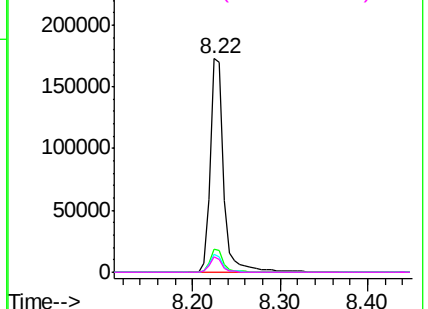
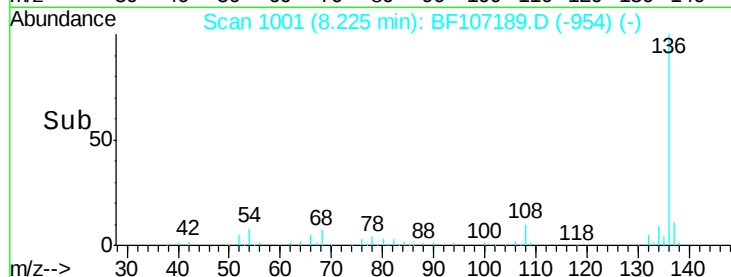
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BF107189.D
Acq: 6 Jul 2018 22:33

Instrument :
BNA_F
ClientSampled :
TP-8-S

Tgt Ion: 136 Resp: 184748
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 8.3 6.6 9.8
68 7.3 5.0 7.4

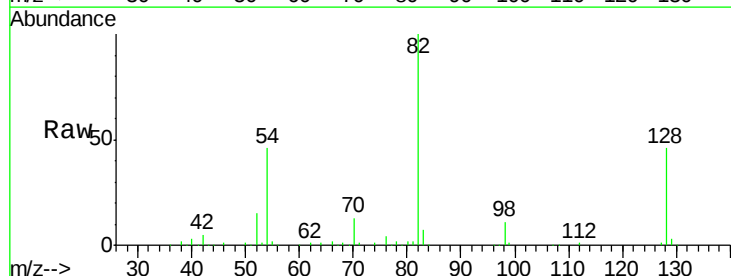


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

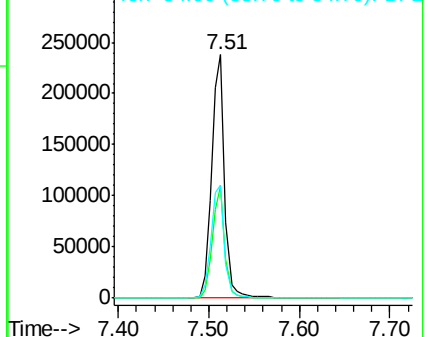
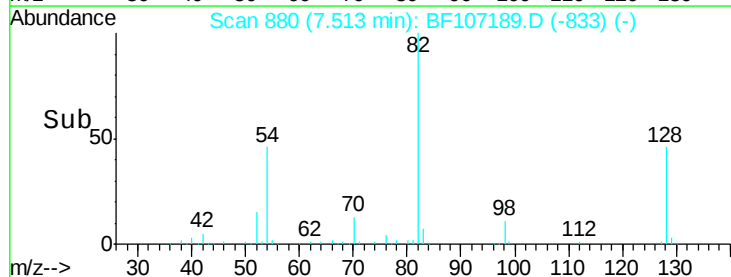


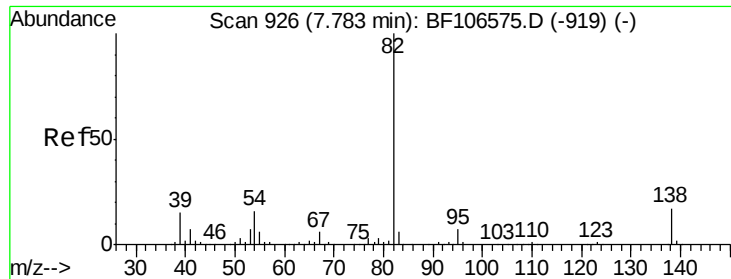
#23
Nitrobenzene-d5
Concen: 71.669 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF107189.D
Acq: 6 Jul 2018 22:33

Tgt Ion: 82 Resp: 238257
Ion Ratio Lower Upper
82 100
128 45.9 36.1 54.1
54 46.3 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: 40.671 ng

RT: 7.51 min Scan# 880

Delta R.T. -0.28 min

Lab File: BF107189.D

Acq: 6 Jul 2018 22:33

Instrument :

BNA_F

ClientSampleId :

TP-8-S

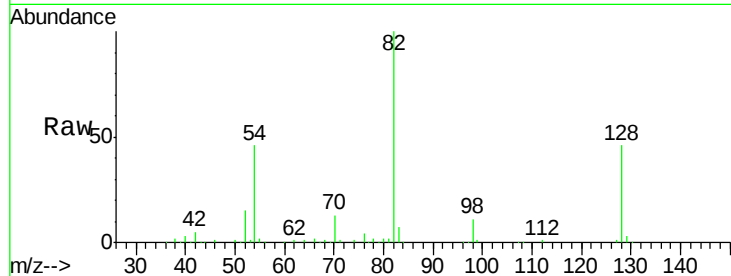
Tgt Ion: 82 Resp: 238254

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

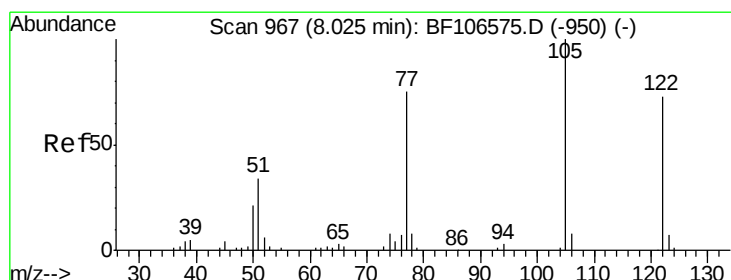
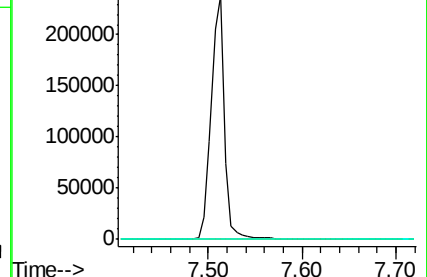
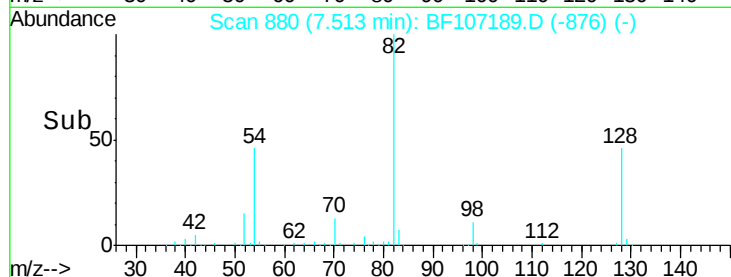
138 0.0 14.9 22.3#



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: 7.386 ng

RT: 8.04 min Scan# 969

Delta R.T. -0.01 min

Lab File: BF107189.D

Acq: 6 Jul 2018 22:33

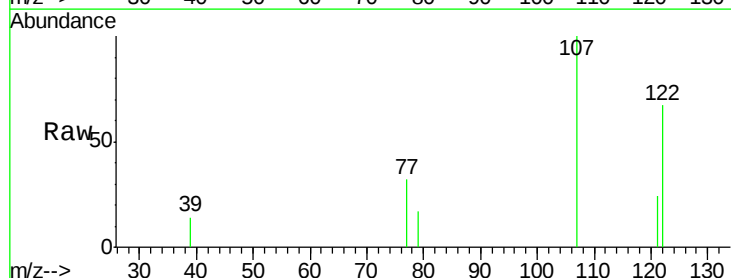
Tgt Ion: 122 Resp: 3385

Ion Ratio Lower Upper

122 100

105 0.0 101.1 141.1#

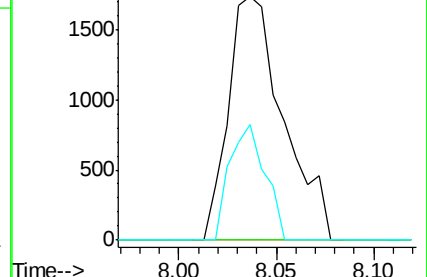
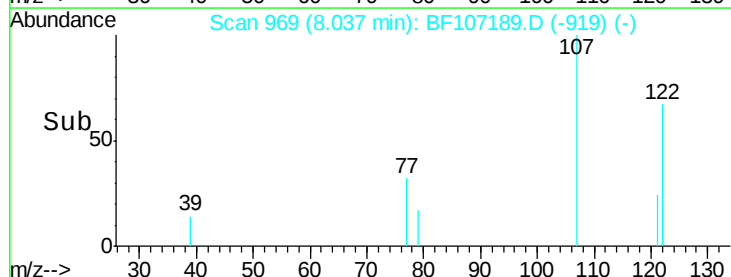
77 47.3 70.7 110.7#

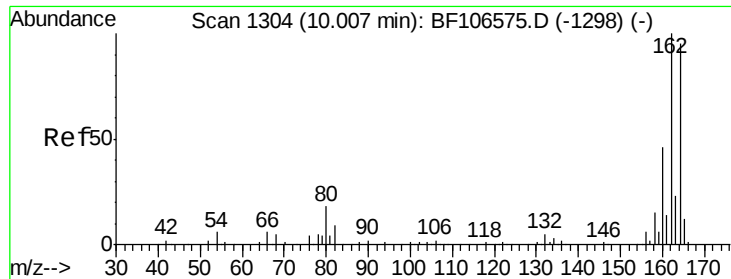


Abundance Ion 122.00 (121.70 to 122.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 77.00 (76.70 to 77.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.98 min Scan# 1300

Delta R.T. -0.02 min

Lab File: BF107189.D

Acq: 6 Jul 2018 22:33

Instrument :

BNA_F

ClientSampled :

TP-8-S

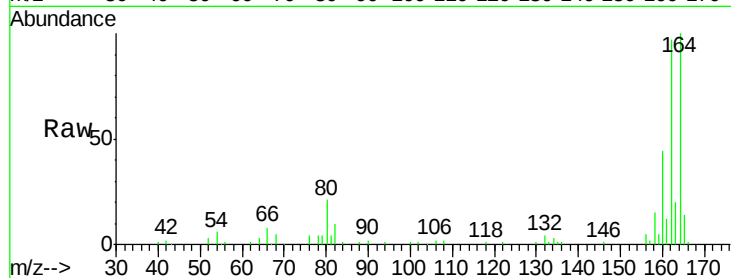
Tgt Ion:164 Resp: 73512

Ion Ratio Lower Upper

164 100

162 97.1 86.1 129.1

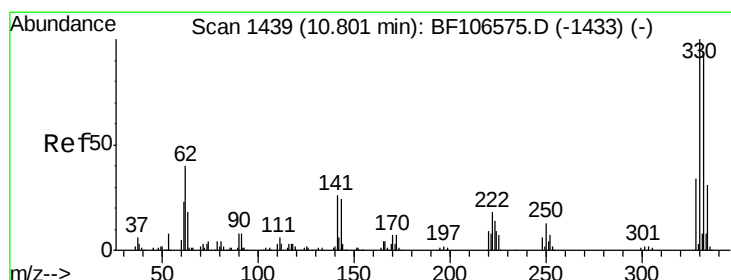
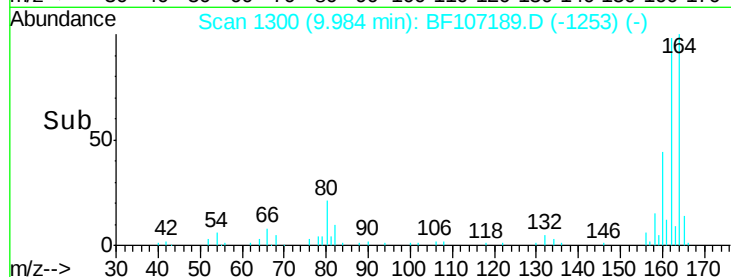
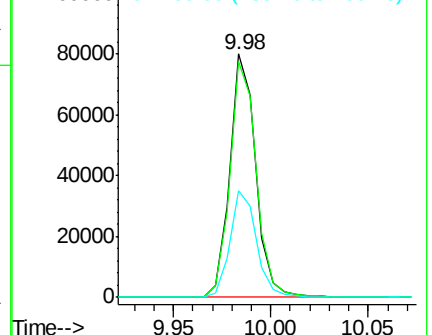
160 43.7 38.3 57.5



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: 96.630 ng

RT: 10.78 min Scan# 1436

Delta R.T. -0.02 min

Lab File: BF107189.D

Acq: 6 Jul 2018 22:33

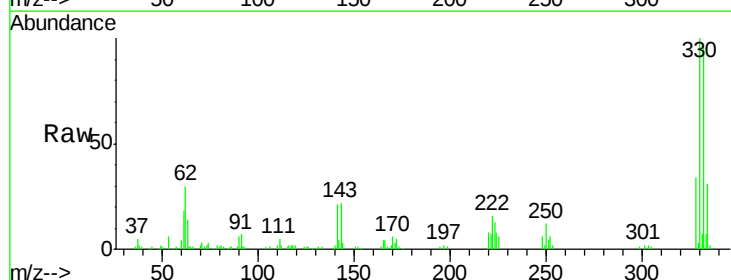
Tgt Ion:330 Resp: 82331

Ion Ratio Lower Upper

330 100

332 97.4 77.0 115.6

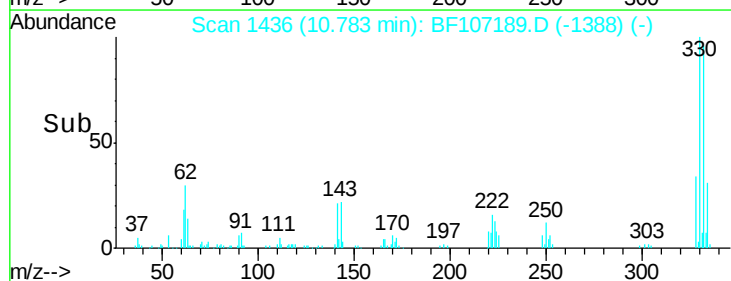
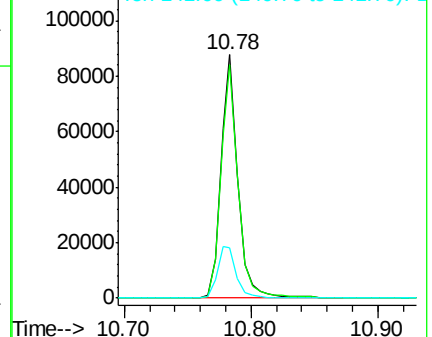
141 23.7 29.9 44.9#

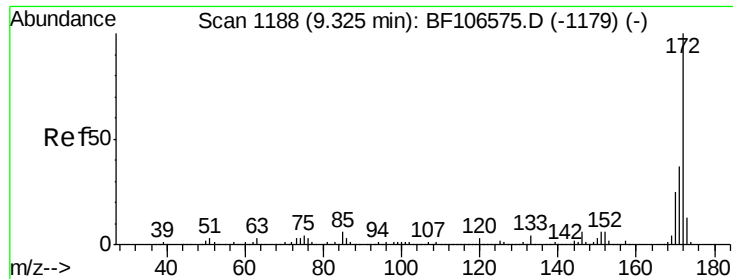


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

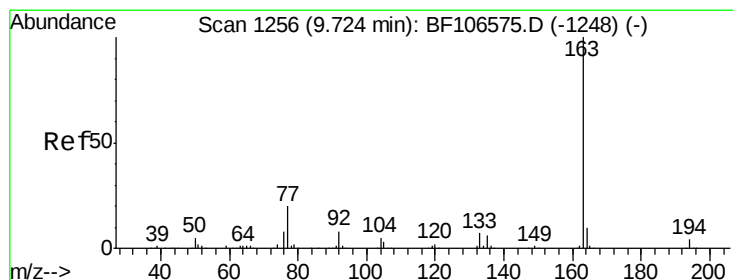
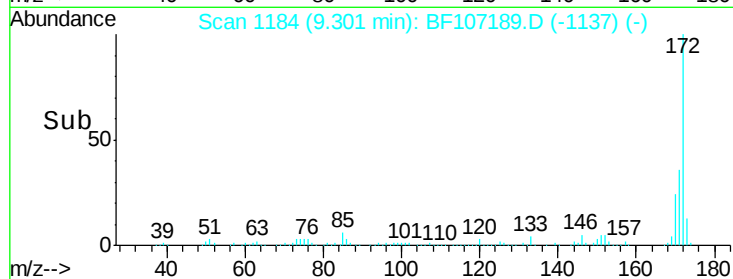
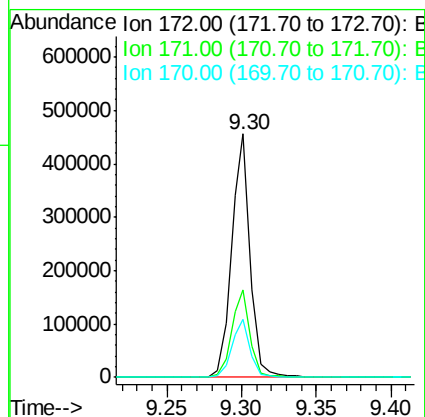
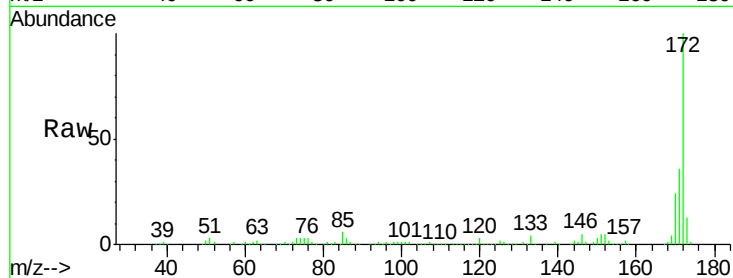




#44
2-Fluorobiphenyl
Concen: 93.560 ng
RT: 9.30 min Scan# 1184
Delta R.T. -0.02 min
Lab File: BF107189.D
Acq: 6 Jul 2018 22:33

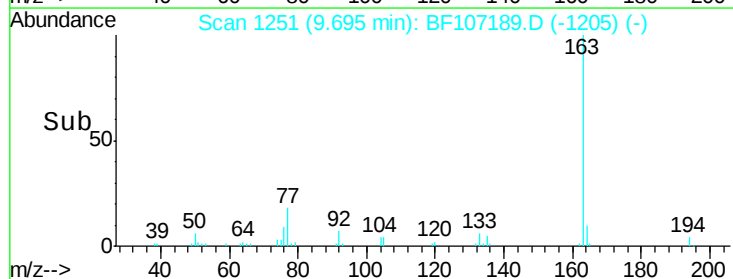
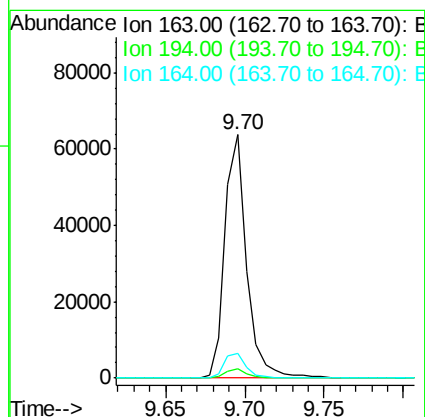
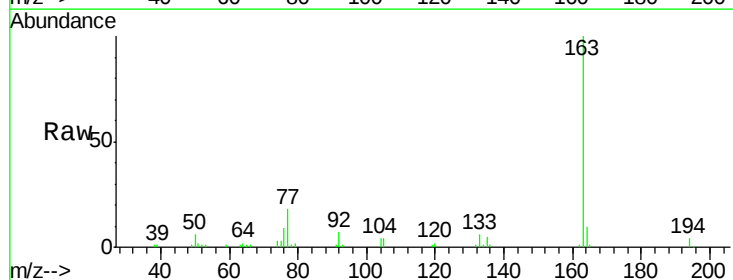
Instrument :
BNA_F
ClientSampleId :
TP-8-S

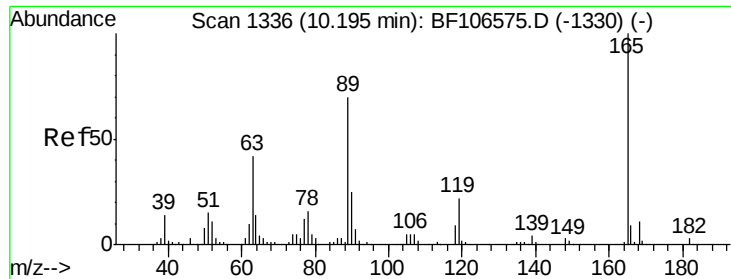
Tgt Ion:172 Resp: 399887
Ion Ratio Lower Upper
172 100
171 35.8 29.7 44.5
170 23.8 19.6 29.4



#49
Dimethylphthalate
Concen: 10.981 ng
RT: 9.70 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF107189.D
Acq: 6 Jul 2018 22:33

Tgt Ion:163 Resp: 60543
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.3 8.2 12.2

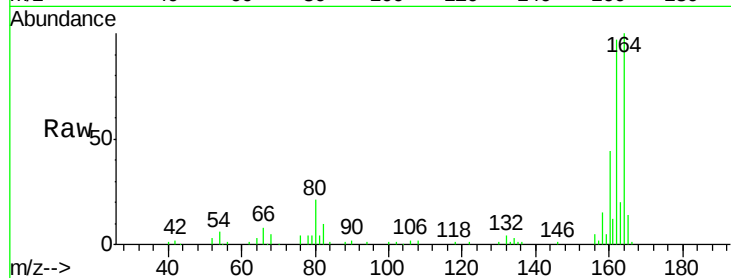




#56
2,4-Dinitrotoluene
Concen: 6.260 ng
RT: 9.98 min Scan# 1300
Delta R.T. -0.22 min
Lab File: BF107189.D
Acq: 6 Jul 2018 22:33

Instrument :
BNA_F
ClientSampleId :
TP-8-S

Tgt 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#

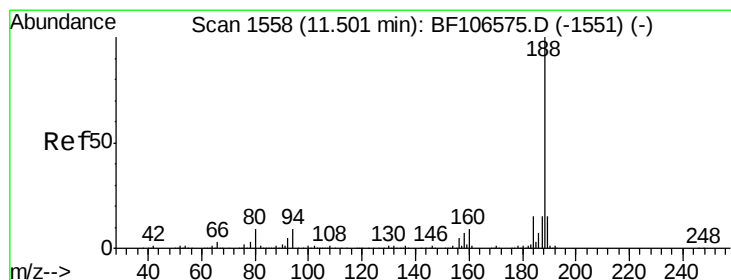
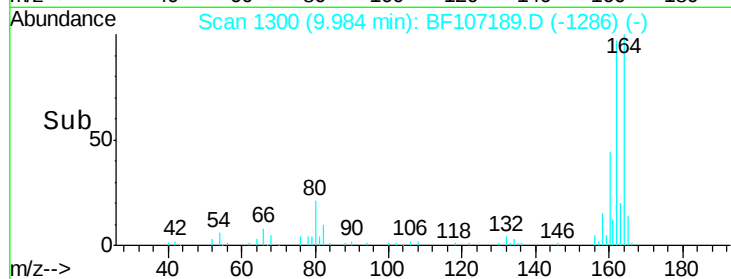
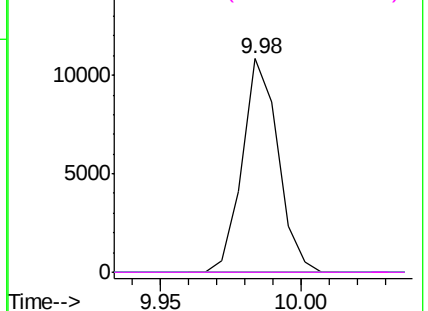


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

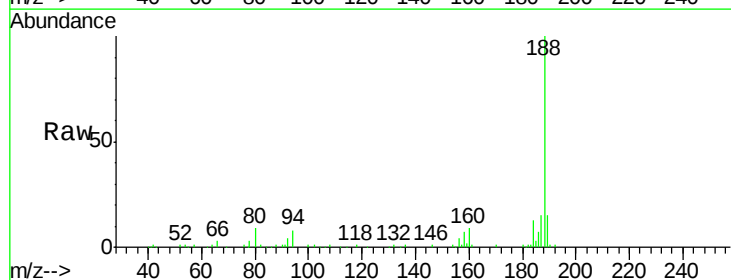
Ion 89.00 (88.70 to 89.70): BF1

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: BF107189.D
Acq: 6 Jul 2018 22:33

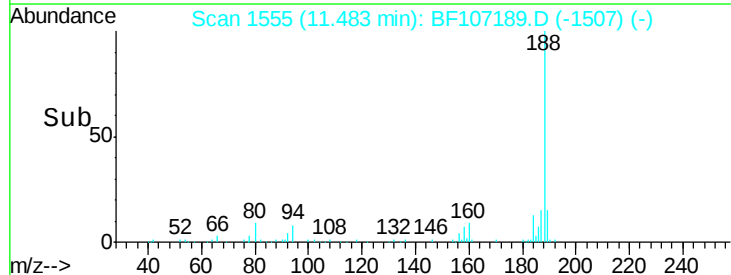
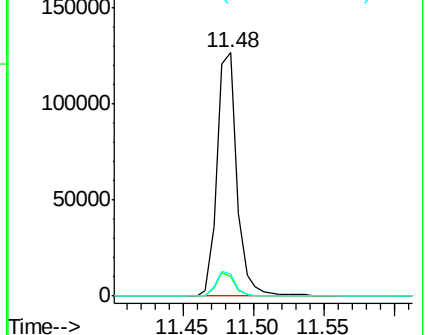
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	8.5	12.7#
80	9.2	9.2	13.8

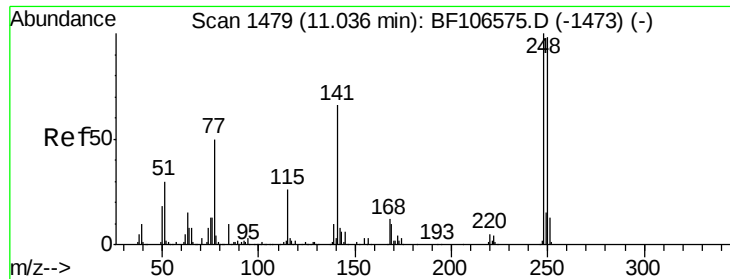


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

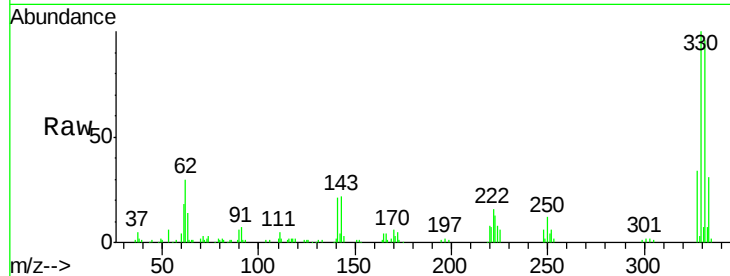




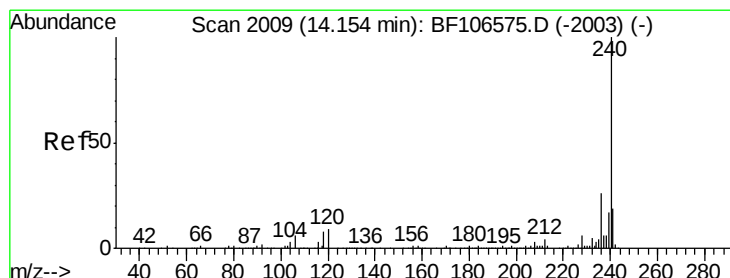
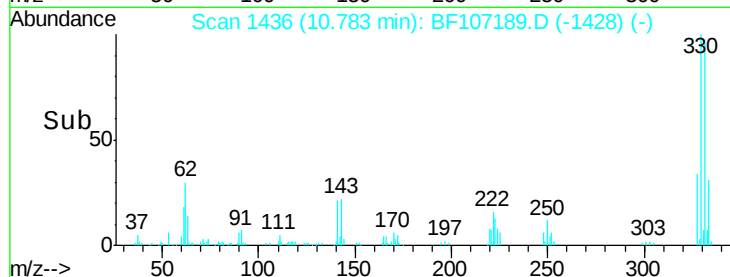
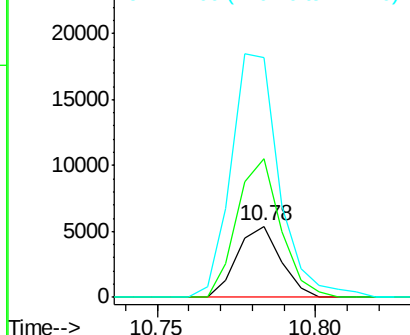
#66
4-Bromophenyl-phenylether
Concen: 3.463 ng
RT: 10.78 min Scan# 1436
Delta R.T. -0.25 min
Lab File: BF107189.D
Acq: 6 Jul 2018 22:33

Instrument :
BNA_F
ClientSampleId :
TP-8-S

Tgt Ion:248 Resp: 5141
Ion Ratio Lower Upper
248 100
250 195.1 76.9 115.3#
141 338.3 74.4 111.6#

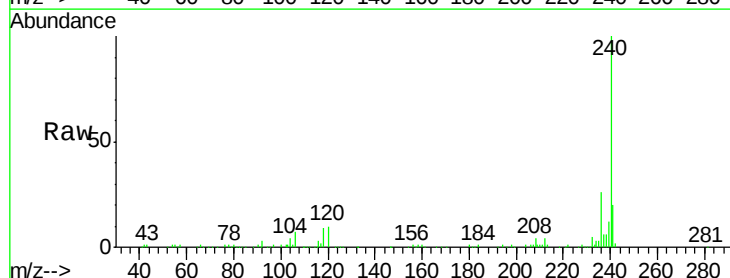


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

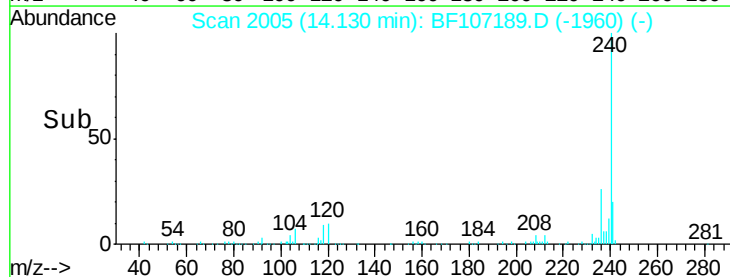
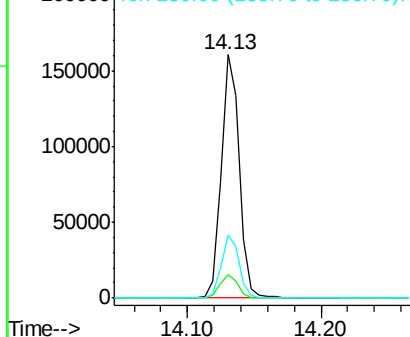


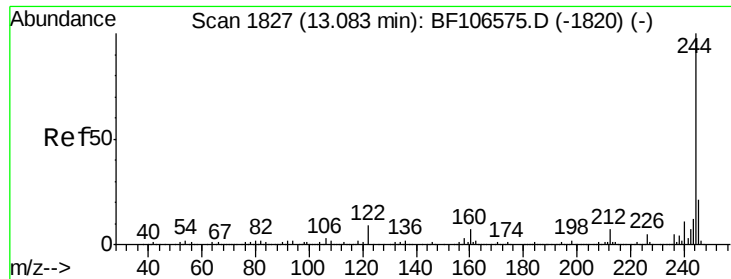
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2005
Delta R.T. -0.04 min
Lab File: BF107189.D
Acq: 6 Jul 2018 22:33

Tgt Ion:240 Resp: 153256
Ion Ratio Lower Upper
240 100
120 9.9 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

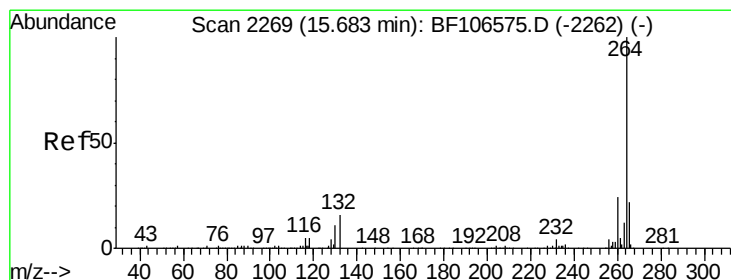
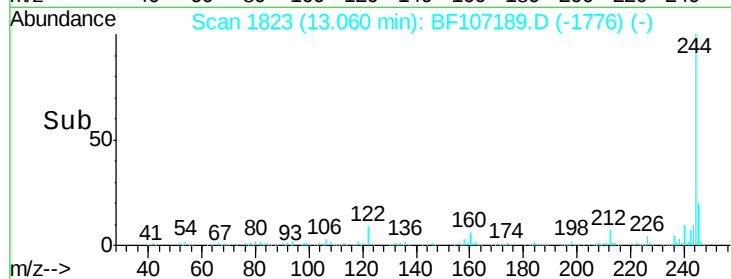
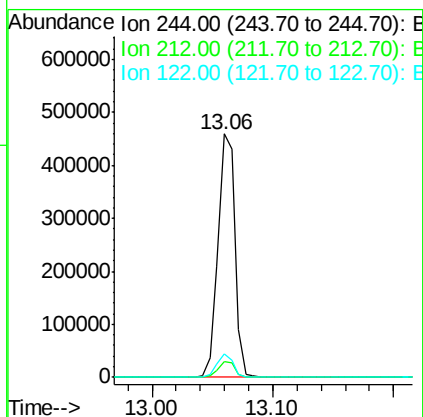
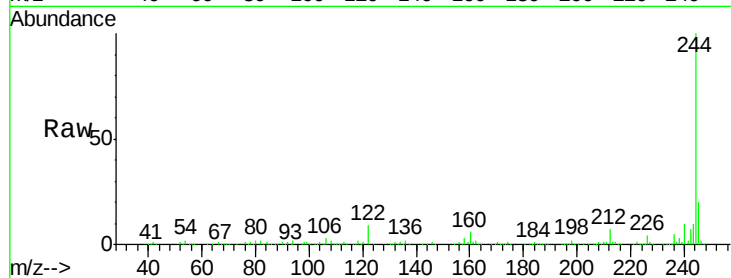




#78
 Terphenyl-d14
 Concen: 69.360 ng
 RT: 13.06 min Scan# 1823
 Delta R.T. -0.02 min
 Lab File: BF107189.D
 Acq: 6 Jul 2018 22:33

Instrument :
 BNA_F
 ClientSampleId :
 TP-8-S

Tgt Ion:244 Resp: 438830
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 9.5 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2266
 Delta R.T. -0.05 min
 Lab File: BF107189.D
 Acq: 6 Jul 2018 22:33

Tgt Ion:264 Resp: 120516
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 22.3 17.5 26.3

