

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071218\
 Data File : BF107350.D
 Acq On : 12 Jul 2018 20:14
 Operator : JU/SJ
 Sample : J3926-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRAP-BAG

Quant Time: Jul 13 02:37:05 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 11 16:39:37 2018
 Response via : Initial Calibration

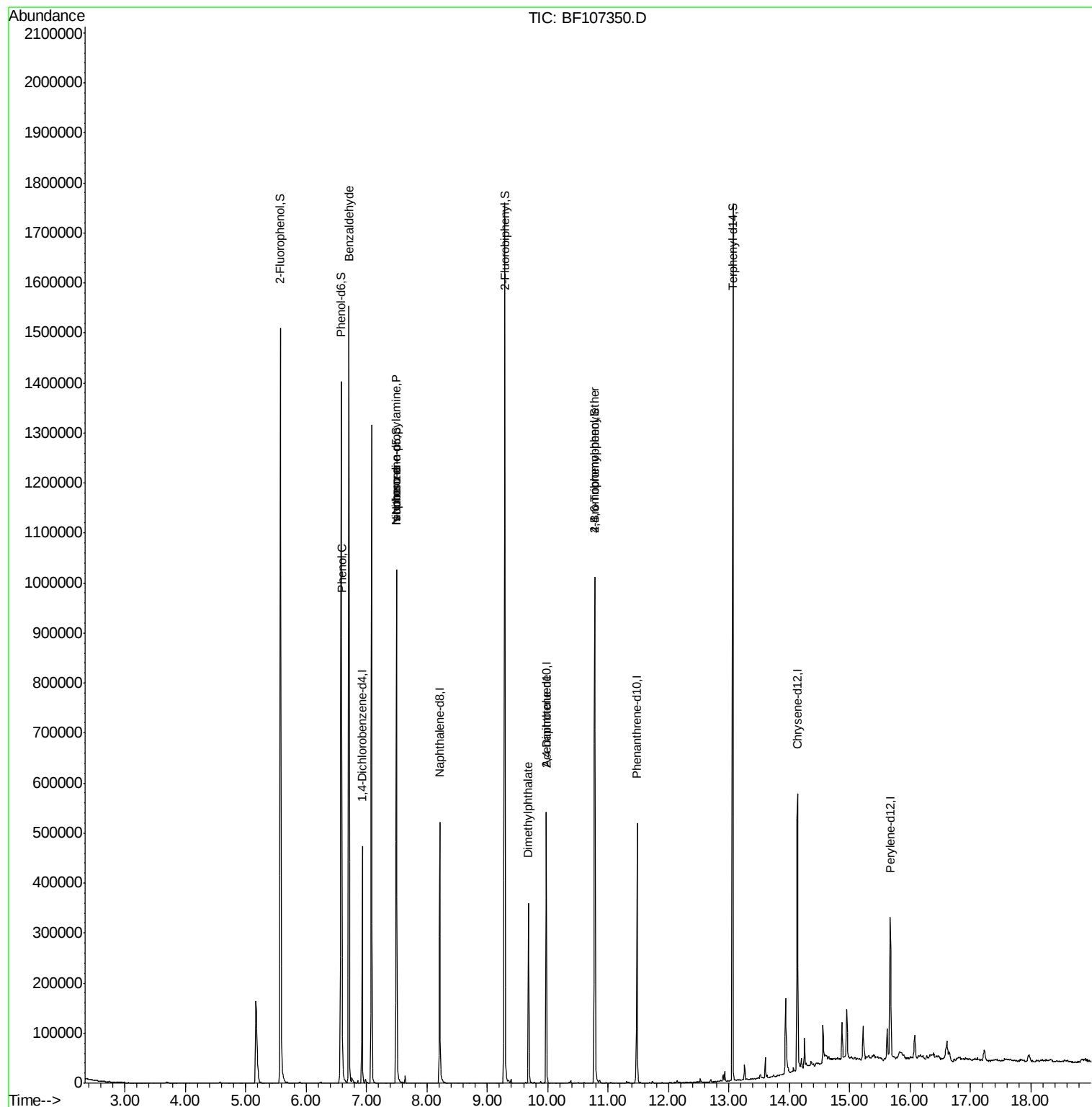
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	69722	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	248997	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	111745	20.00	ng	0.00
63) Phenanthrene-d10	11.48	188	204023	20.00	ng	0.00
75) Chrysene-d12	14.14	240	203053	20.00	ng	0.00
86) Perylene-d12	15.67	264	144841	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	500209	121.48	ng	0.01
7) Phenol-d6	6.58	99	614080	119.43	ng	0.00
23) Nitrobenzene-d5	7.50	82	384690	85.86	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	163187	126.00	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	653467	101.92	ng	0.00
78) Terphenyl-d14	13.07	244	738270	88.07	ng	0.00
Target Compounds						
9) Benzaldehyde	6.71	77	10327	2.385	ng	Qvalue 89
10) Phenol	6.60	94	37977	6.472	ng	99
19) n-Nitroso-di-n-propylamine	7.50	70	50269	14.831	ng	# 72
25) Isophorone	7.50	82	384690	48.724	ng	# 64
49) Dimethylphthalate	9.68	163	156429	18.665	ng	98
56) 2,4-Dinitrotoluene	9.98	165	14166	6.115	ng	# 21
66) 4-Bromophenyl-phenylether	10.78	248	9843	4.042	ng	# 1

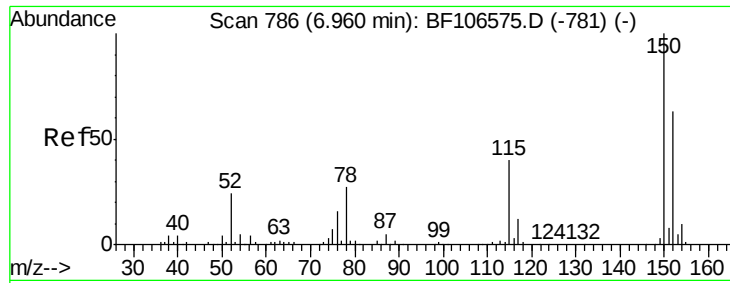
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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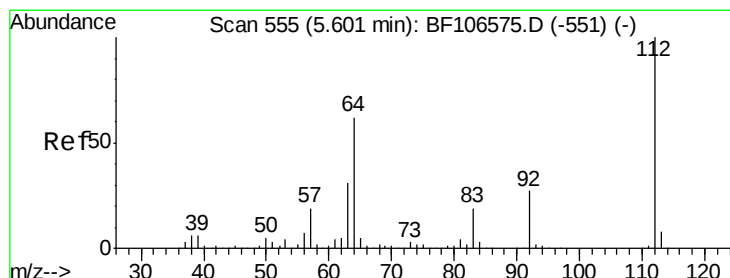
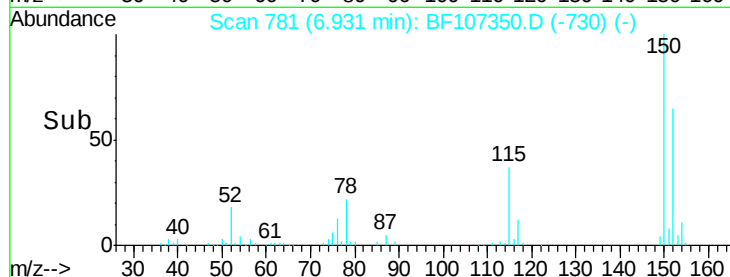
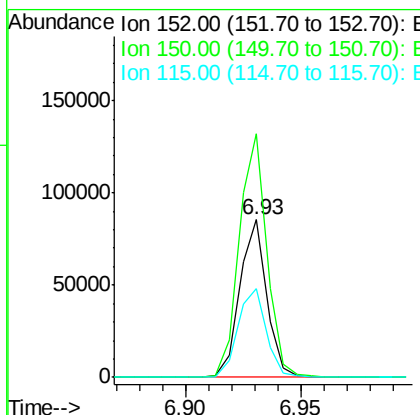
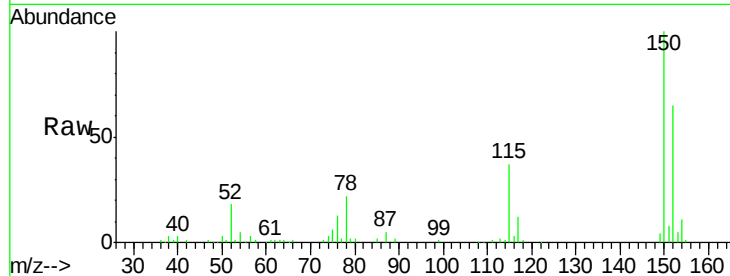




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.93 min Scan# 781
 Delta R.T. 0.00 min
 Lab File: BF107350.D
 Acq: 12 Jul 2018 20:14

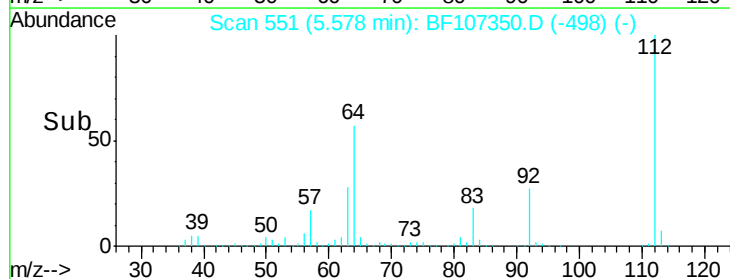
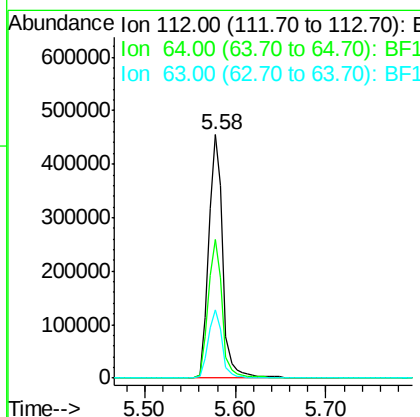
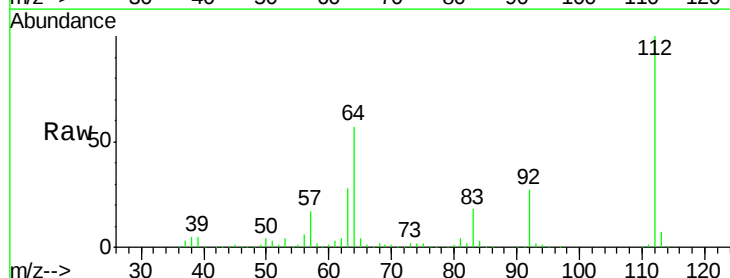
Instrument :
 BNA_F
 ClientSampleId :
 TRAP-BAG

Tgt Ion:152 Resp: 69722
 Ion Ratio Lower Upper
 152 100
 150 154.5 124.6 186.8
 115 56.5 50.1 75.1



#5
 2-Fluorophenol
 Concen: 121.484 ng
 RT: 5.58 min Scan# 551
 Delta R.T. 0.01 min
 Lab File: BF107350.D
 Acq: 12 Jul 2018 20:14

Tgt Ion:112 Resp: 500209
 Ion Ratio Lower Upper
 112 100
 64 57.1 47.9 71.9
 63 28.2 23.7 35.5





#7

Phenol-d6

Concen: 119.426 ng

RT: 6.58 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF107350.D

Acq: 12 Jul 2018 20:14

Instrument :

BNA_F

ClientSampleId :

TRAP-BAG

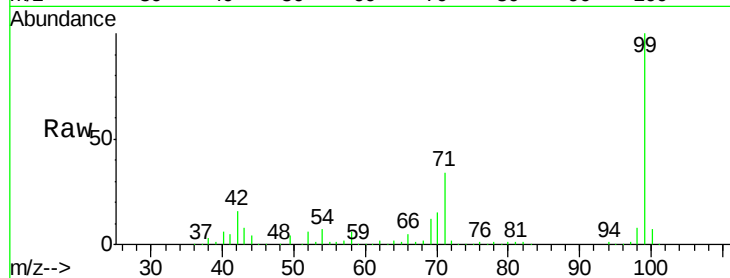
Tgt Ion: 99 Resp: 614080

Ion Ratio Lower Upper

99 100

42 16.0 14.5 21.7

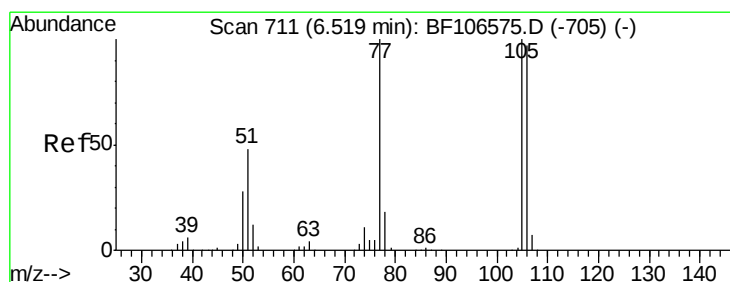
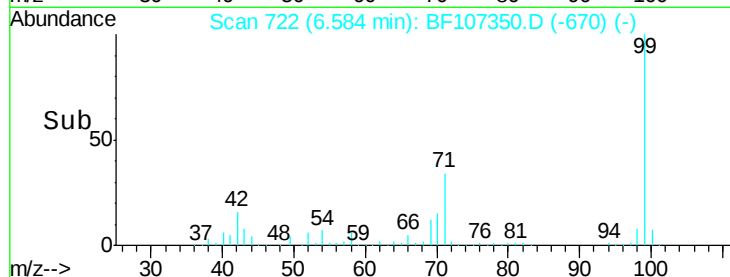
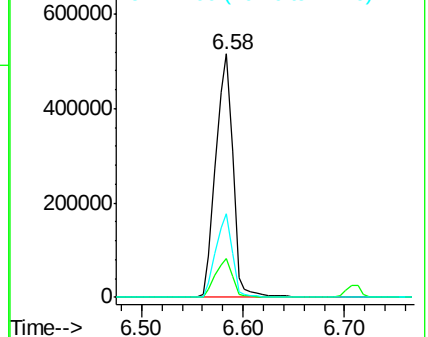
71 34.5 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.385 ng

RT: 6.71 min Scan# 744

Delta R.T. 0.22 min

Lab File: BF107350.D

Acq: 12 Jul 2018 20:14

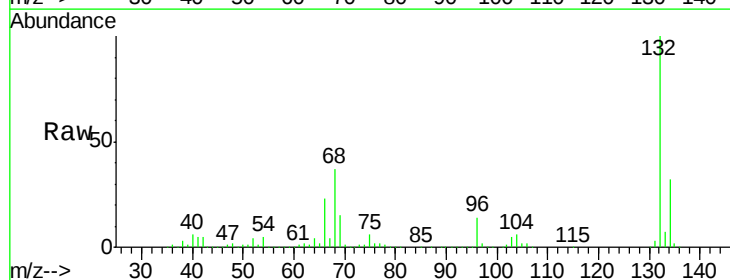
Tgt Ion: 77 Resp: 10327

Ion Ratio Lower Upper

77 100

105 87.2 81.1 121.1

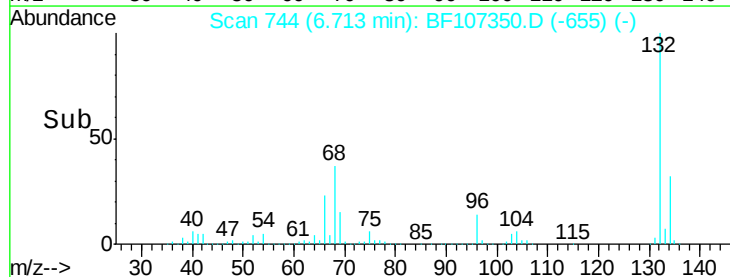
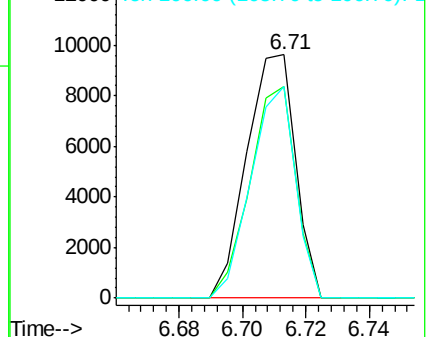
106 87.0 74.5 114.5

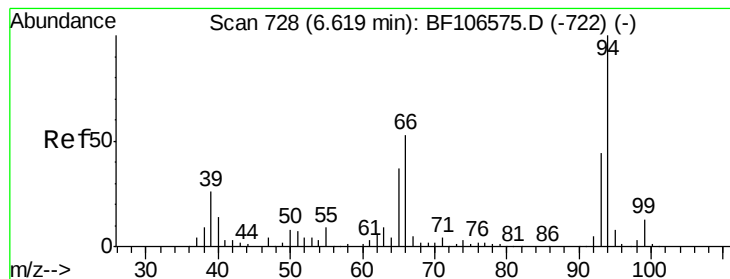


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1





#10

Phenol

Concen: 6.472 ng

RT: 6.60 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF107350.D

Acq: 12 Jul 2018 20:14

Instrument :

BNA_F

ClientSampleId :

TRAP-BAG

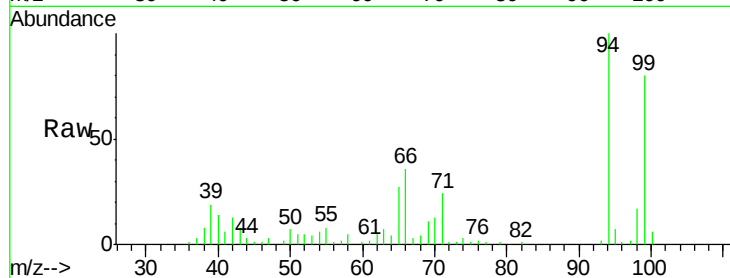
Tgt Ion: 94 Resp: 37977

Ion Ratio Lower Upper

94 100

65 27.4 7.9 47.9

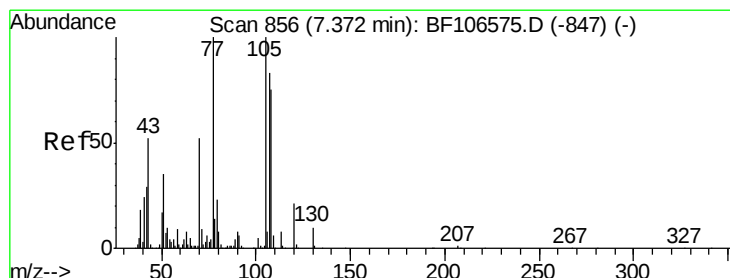
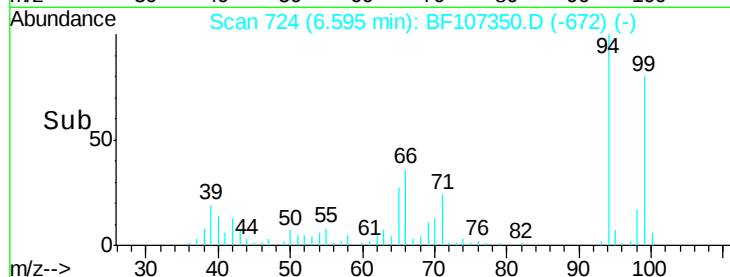
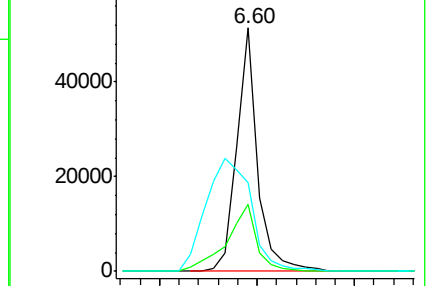
66 36.4 16.2 56.2



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.831 ng

RT: 7.50 min Scan# 878

Delta R.T. 0.16 min

Lab File: BF107350.D

Acq: 12 Jul 2018 20:14

Tgt Ion: 70 Resp: 50269

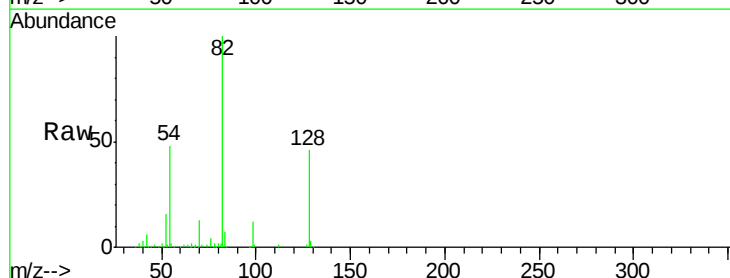
Ion Ratio Lower Upper

70 100

42 41.3 47.5 71.3#

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

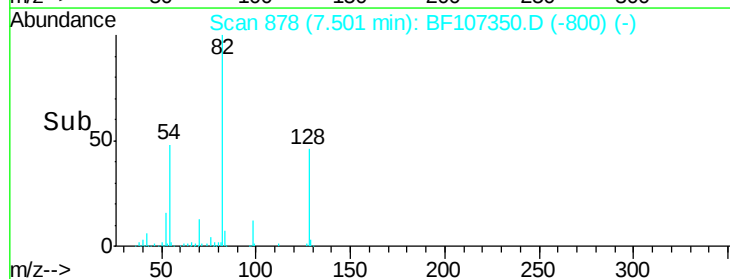
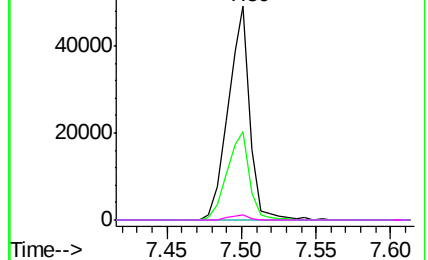


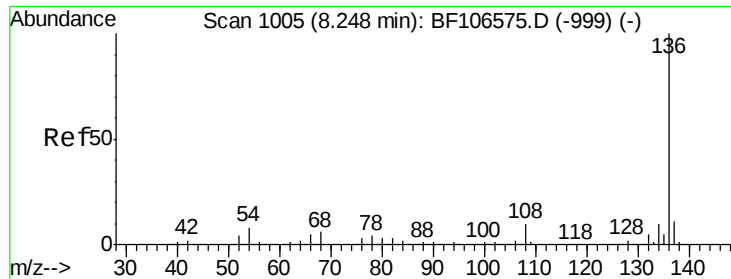
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

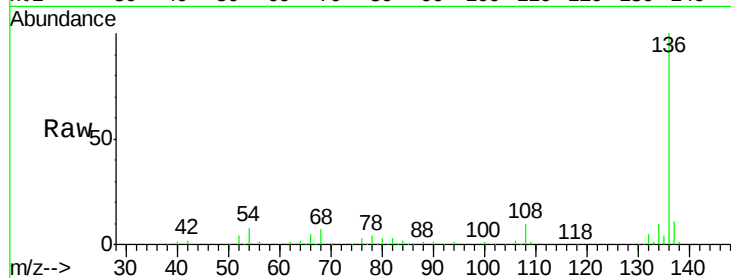




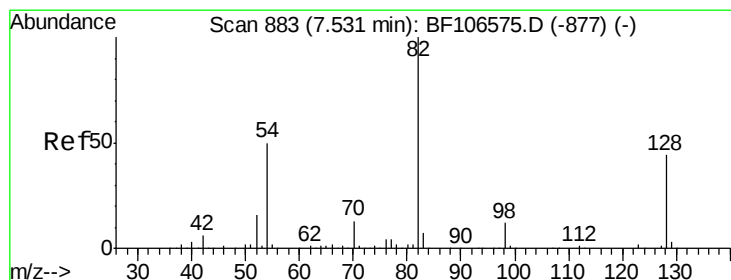
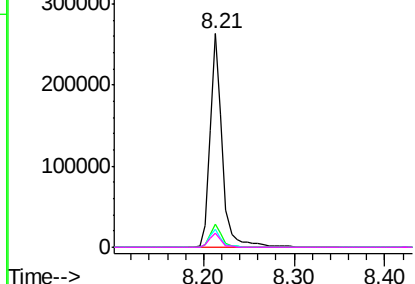
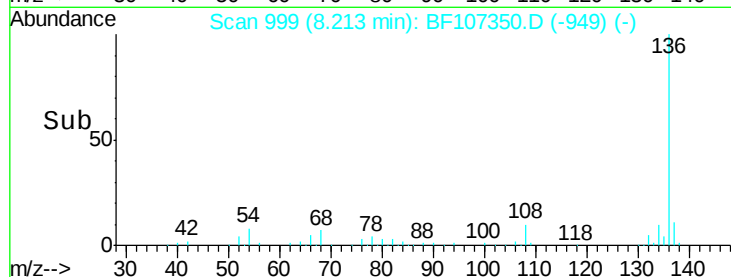
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.21 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF107350.D
Acq: 12 Jul 2018 20:14

Instrument :
BNA_F
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TRAP-BAG

Tgt Ion:	136	Resp:	248997
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.2	6.6	9.8
68	6.5	5.0	7.4

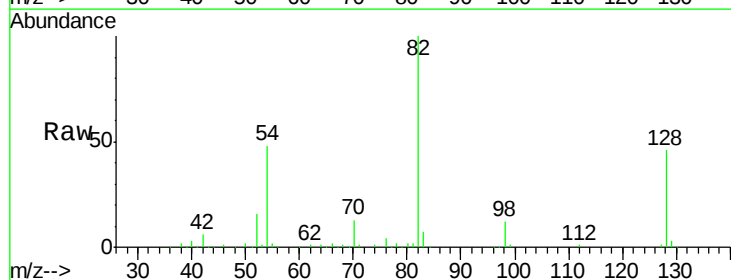


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

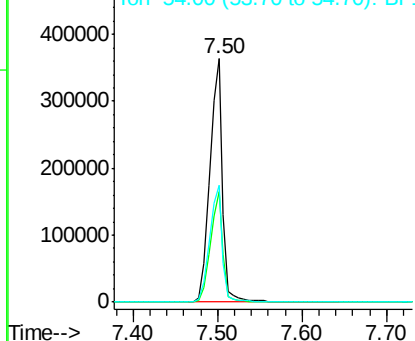
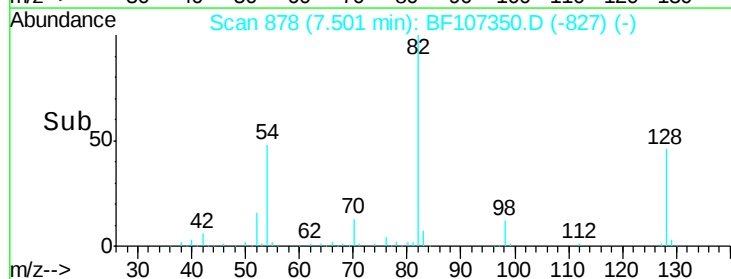


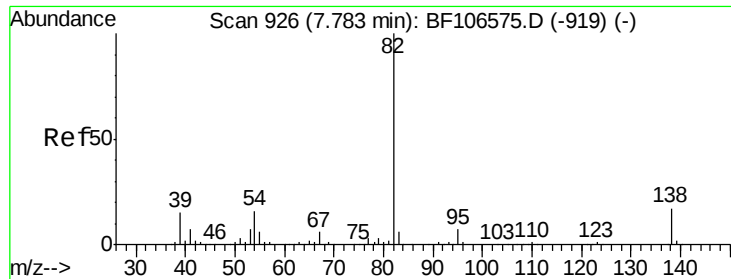
#23
Nitrobenzene-d5
Concen: 85.859 ng
RT: 7.50 min Scan# 878
Delta R.T. 0.00 min
Lab File: BF107350.D
Acq: 12 Jul 2018 20:14

Tgt Ion:	82	Resp:	384690
Ion	Ratio	Lower	Upper
82	100		
128	45.6	36.1	54.1
54	48.1	41.4	62.2



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





#25

Isophorone

Concen: 48.724 ng

RT: 7.50 min Scan# 878

Delta R.T. -0.25 min

Lab File: BF107350.D

Acq: 12 Jul 2018 20:14

Instrument :

BNA_F

ClientSampleId :

TRAP-BAG

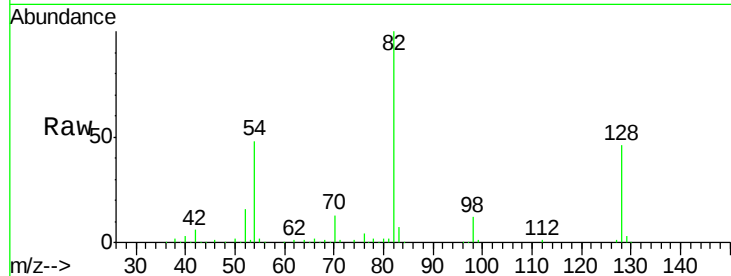
Tgt Ion: 82 Resp: 384690

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

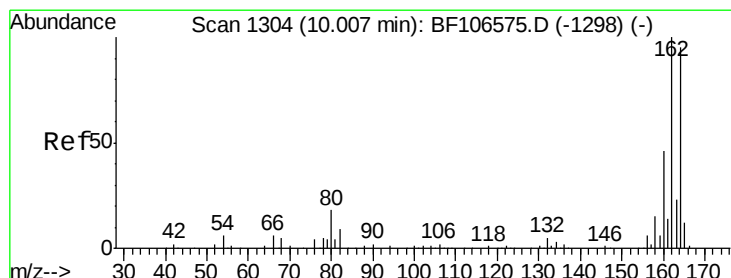
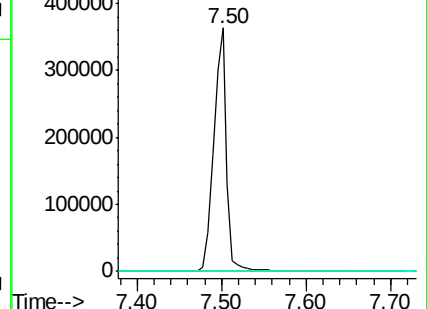
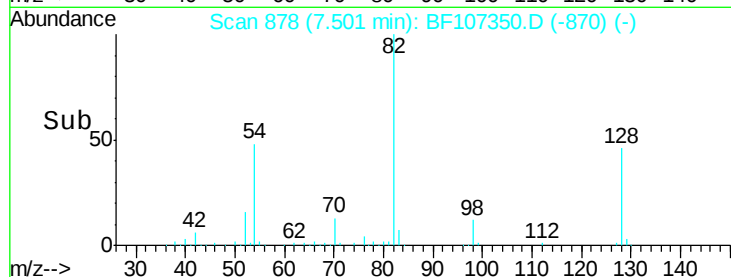
138 0.0 14.9 22.3#



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: 9.98 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF107350.D

Acq: 12 Jul 2018 20:14

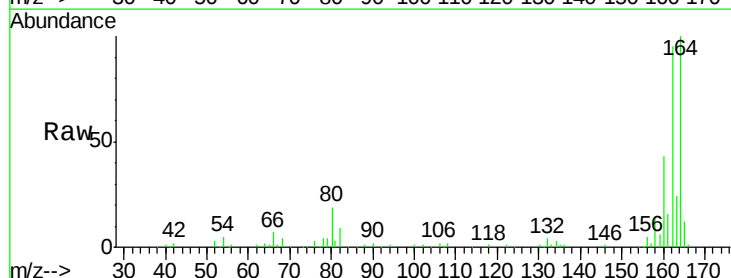
Tgt Ion: 164 Resp: 111745

Ion Ratio Lower Upper

164 100

162 94.6 86.1 129.1

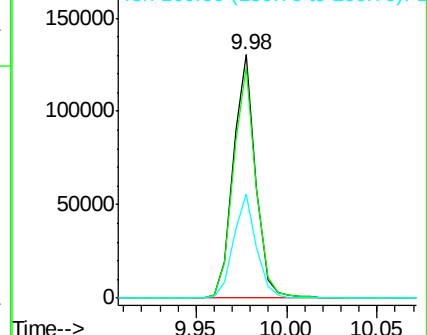
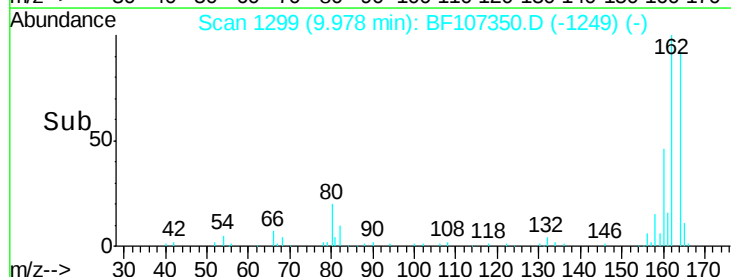
160 42.7 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

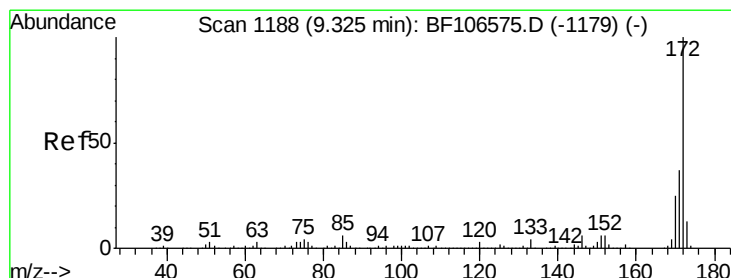
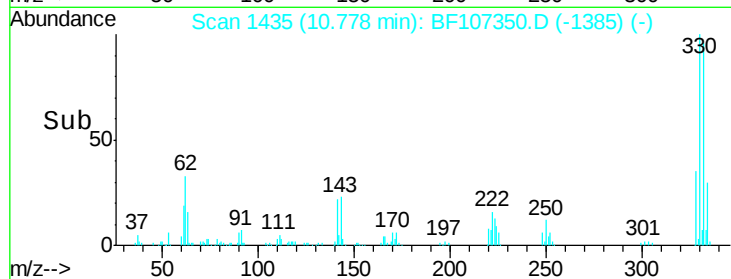
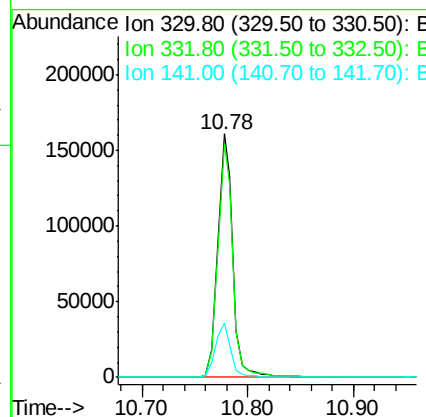
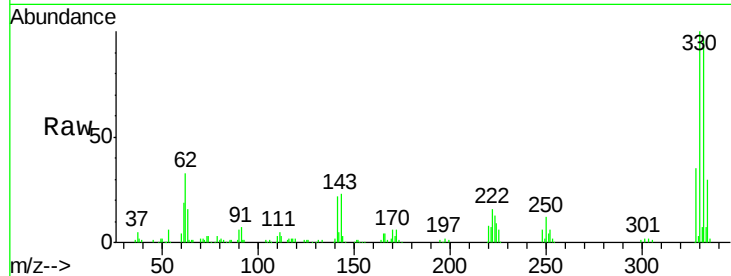




#41
 2,4,6-Tribromophenol
 Concen: 125.998 ng
 RT: 10.78 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF107350.D
 Acq: 12 Jul 2018 20:14

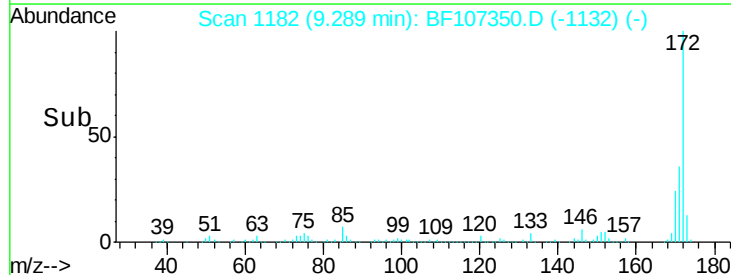
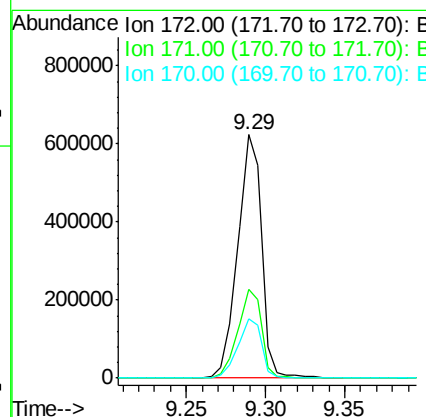
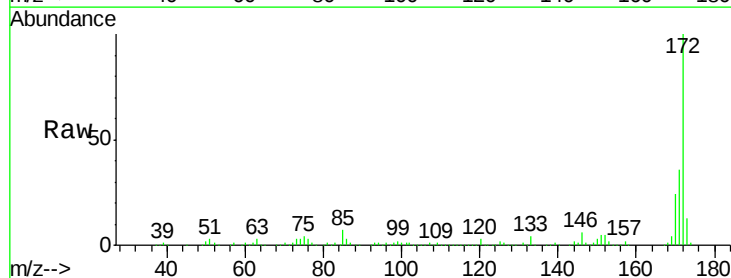
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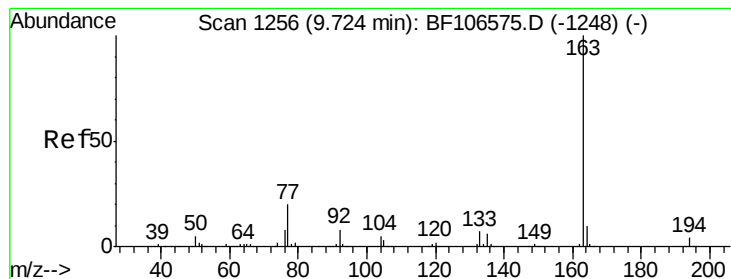
Tgt Ion:330 Resp: 163187
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.0 115.6
 141 22.5 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 101.918 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF107350.D
 Acq: 12 Jul 2018 20:14

Tgt Ion:172 Resp: 653467
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 24.3 19.6 29.4





#49

Dimethylphthalate

Concen: 18.665 ng

RT: 9.68 min Scan# 1249

Delta R.T. -0.01 min

Lab File: BF107350.D

Acq: 12 Jul 2018 20:14

Instrument :

BNA_F

ClientSampleId :

TRAP-BAG

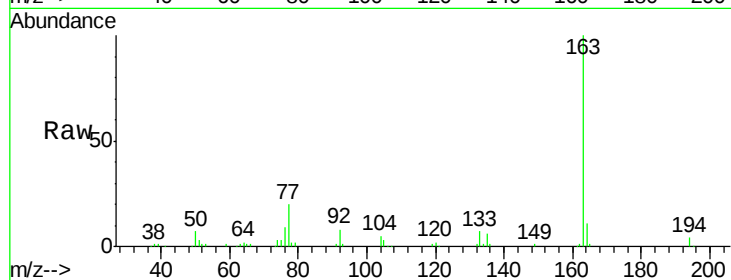
Tgt Ion:163 Resp: 156429

Ion Ratio Lower Upper

163 100

194 3.9 2.7 4.1

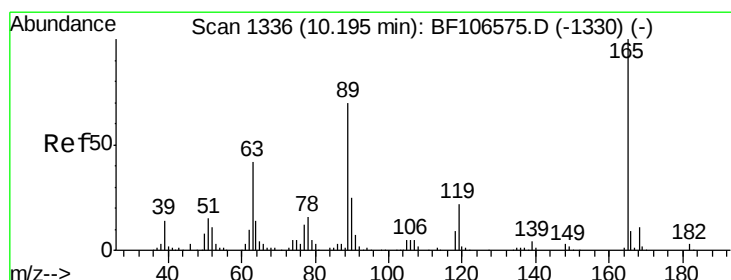
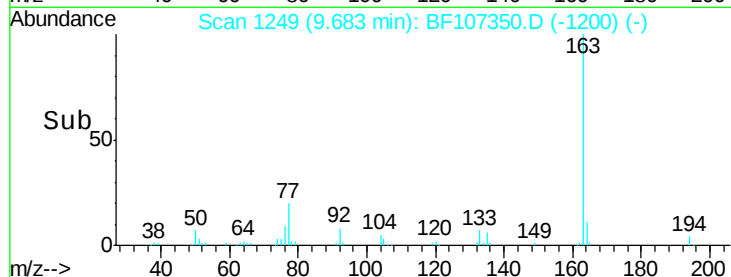
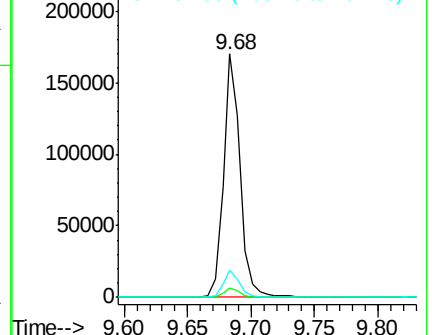
164 11.0 8.2 12.2



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: 6.115 ng

RT: 9.98 min Scan# 1299

Delta R.T. -0.21 min

Lab File: BF107350.D

Acq: 12 Jul 2018 20:14

Tgt Ion:165 Resp: 14166

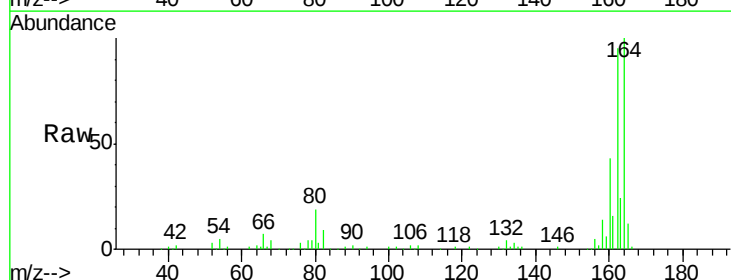
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 0.0 57.8 86.6#

182 0.0 1.6 2.4#

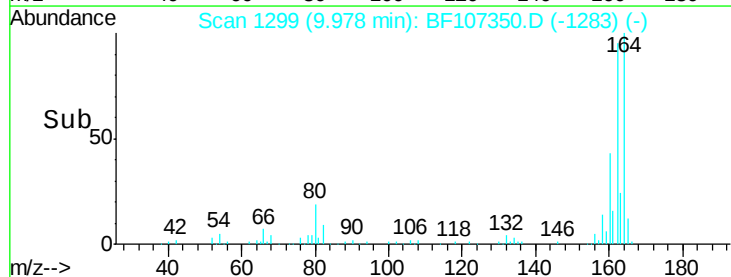
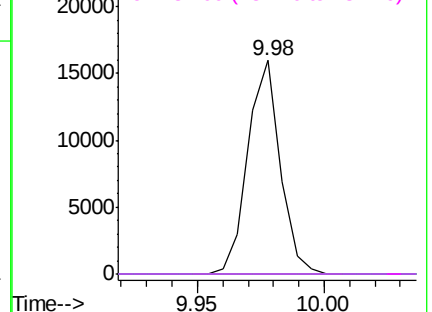


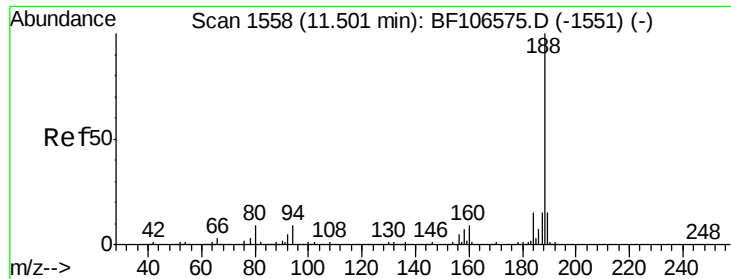
Abundance Ion 165.00 (164.70 to 165.70): E

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

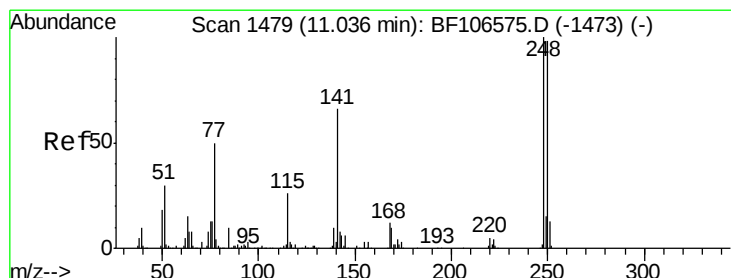
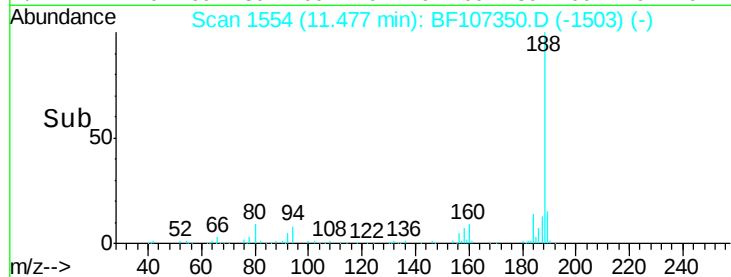
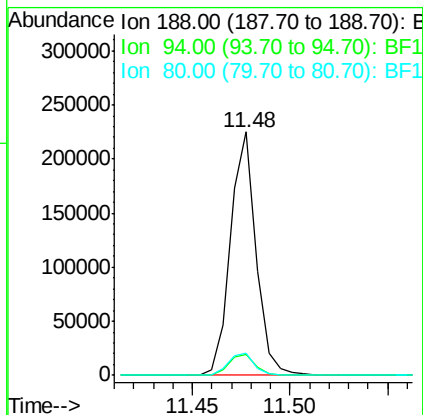
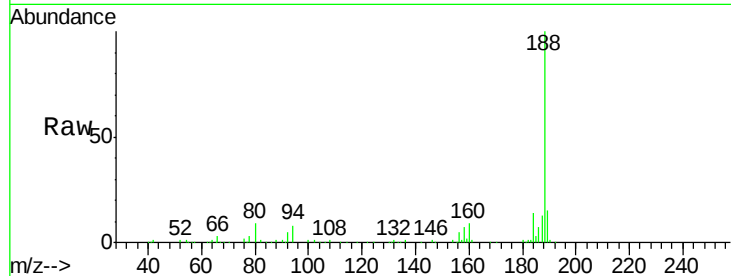




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1554
Delta R.T. 0.00 min
Lab File: BF107350.D
Acq: 12 Jul 2018 20:14

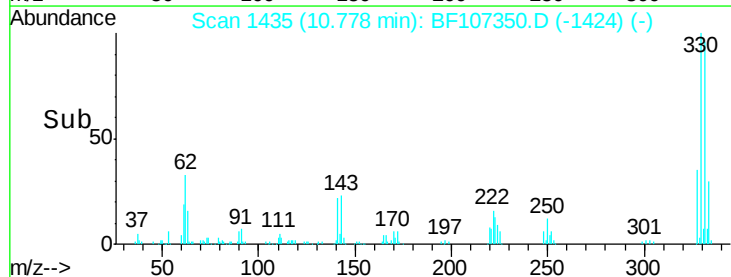
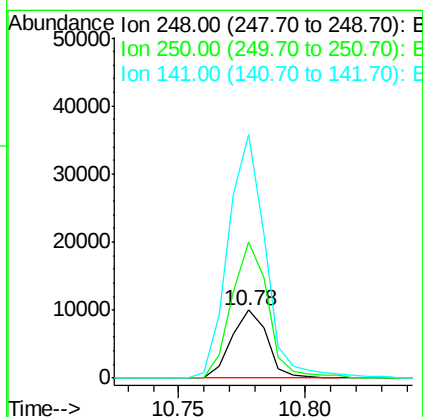
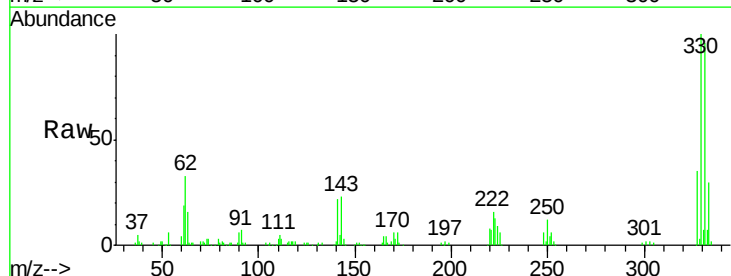
Instrument :
BNA_F
ClientSampleId :
TRAP-BAG

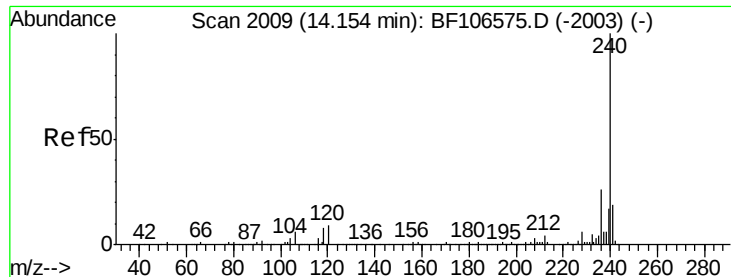
Tgt Ion:188 Resp: 204023
Ion Ratio Lower Upper
188 100
94 8.5 8.5 12.7
80 9.2 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 4.042 ng
RT: 10.78 min Scan# 1435
Delta R.T. -0.24 min
Lab File: BF107350.D
Acq: 12 Jul 2018 20:14

Tgt Ion:248 Resp: 9843
Ion Ratio Lower Upper
248 100
250 200.9 76.9 115.3#
141 357.9 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BF107350.D

Acq: 12 Jul 2018 20:14

Instrument :

BNA_F

ClientSampleId :

TRAP-BAG

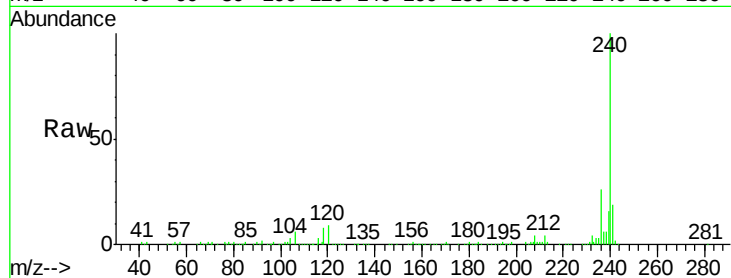
Tgt Ion:240 Resp: 203053

Ion Ratio Lower Upper

240 100

120 8.6 9.5 14.3#

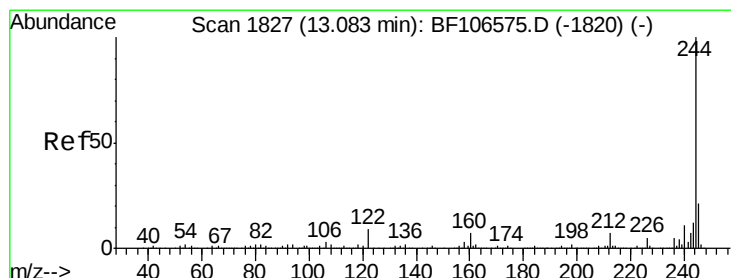
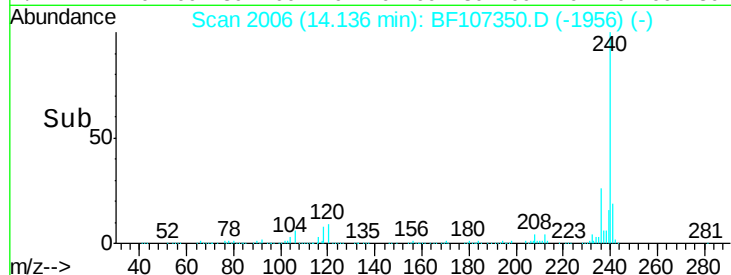
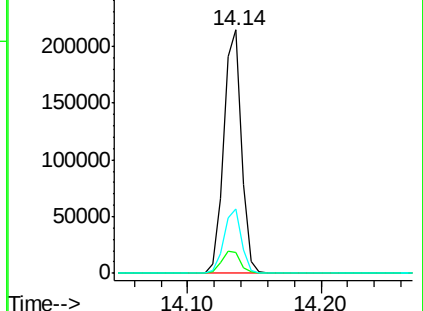
236 26.3 20.7 31.1



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: 88.071 ng

RT: 13.07 min Scan# 1824

Delta R.T. 0.00 min

Lab File: BF107350.D

Acq: 12 Jul 2018 20:14

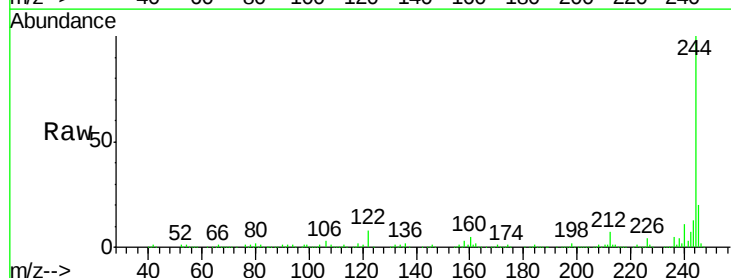
Tgt Ion:244 Resp: 738270

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

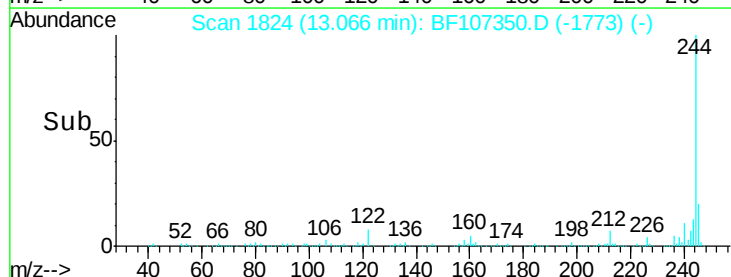
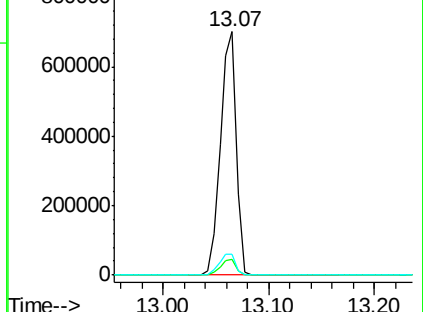
122 8.4 11.0 16.4#

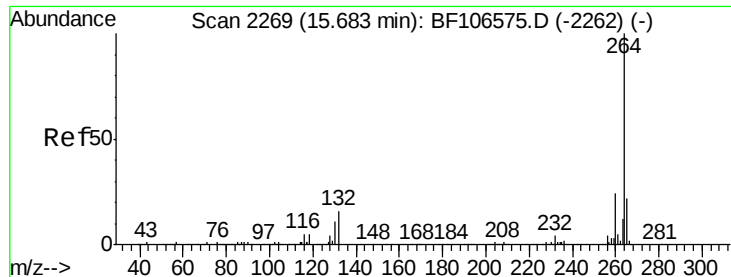


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

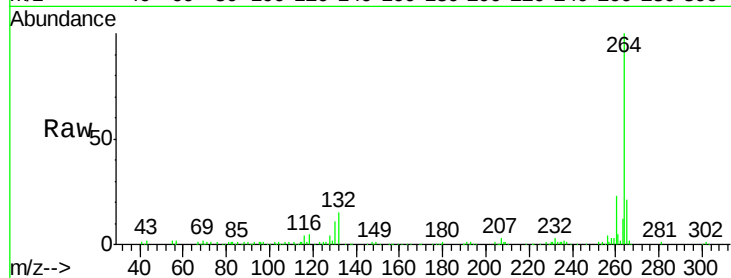




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2267
Delta R.T. -0.01 min
Lab File: BF107350.D
Acq: 12 Jul 2018 20:14

Instrument :
BNA_F
ClientSampleId :
TRAP-BAG

Tgt Ion:	264	Resp:	144841
Ion	Ratio	Lower	Upper
264	100		
260	22.7	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

