

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070918\
 Data File : BF107257.D
 Acq On : 10 Jul 2018 4:45
 Operator : JU/SJ
 Sample : J3890-01
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 070518-DBRI-E-D-M

Quant Time: Jul 10 07:55:49 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

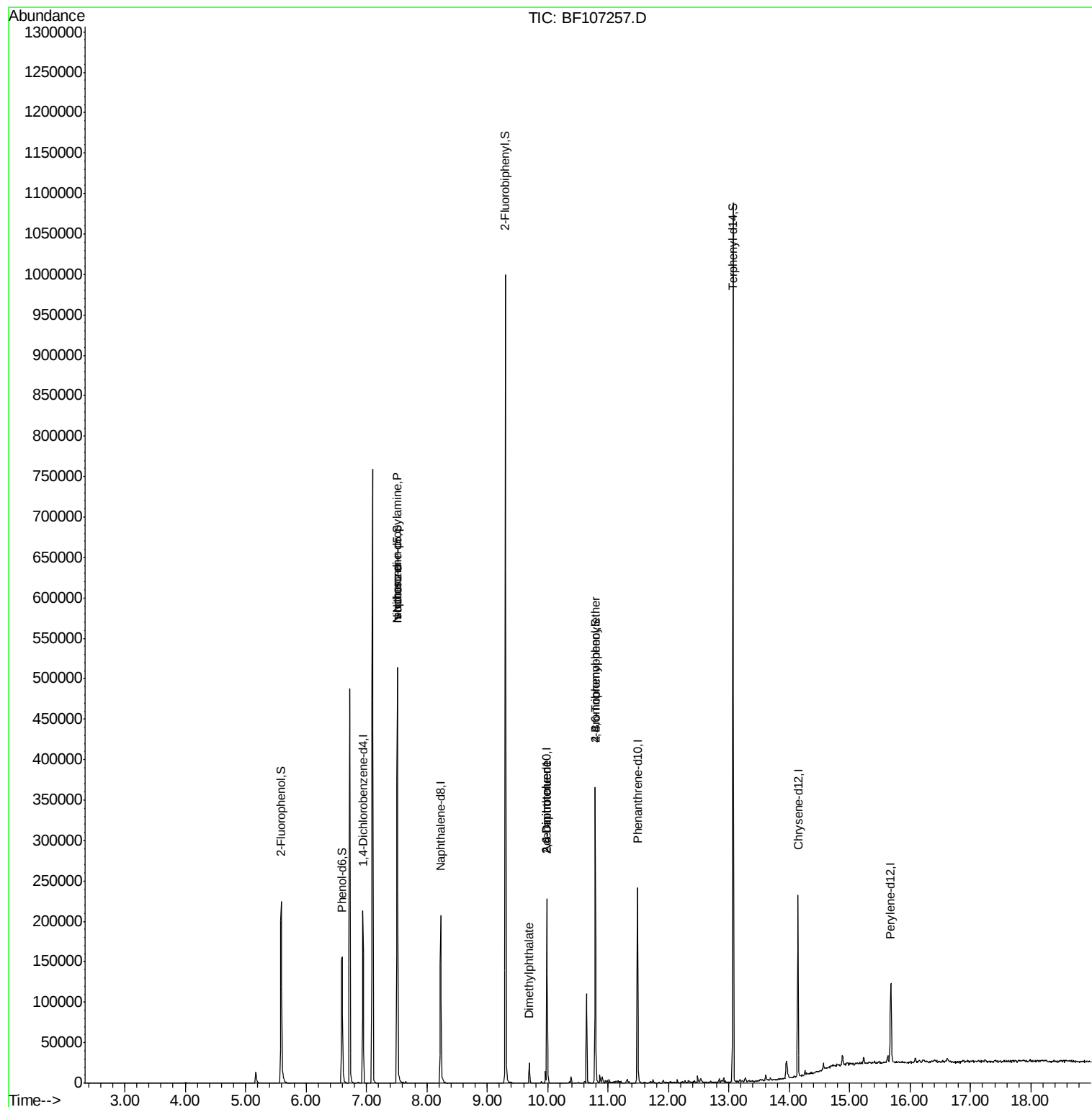
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	31469	20.00	ng	-0.02
21) Naphthalene-d8	8.23	136	106599	20.00	ng	-0.02
38) Acenaphthene-d10	9.99	164	47915	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	102020	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	80643	20.00	ng	-0.02
86) Perylene-d12	15.68	264	57129	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	81154	43.67	ng	-0.01
7) Phenol-d6	6.59	99	62977	27.14	ng	-0.02
23) Nitrobenzene-d5	7.51	82	181282	94.51	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	55877	100.62	ng	-0.01
44) 2-Fluorobiphenyl	9.30	172	324142	120.70	ng	-0.02
78) Terphenyl-d14	13.07	244	409158	122.90	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.51	70	22794	14.900	ng	# 75
25) Isophorone	7.51	82	181280	53.632	ng	# 64
49) Dimethylphthalate	9.70	163	12131	3.376	ng	# 94
50) 2,6-Dinitrotoluene	9.99	165	5982	7.861	ng	# 24
56) 2,4-Dinitrotoluene	9.99	165	5982	6.022	ng	# 21
66) 4-Bromophenyl-phenylether	10.79	248	3258	2.676	ng	# 1

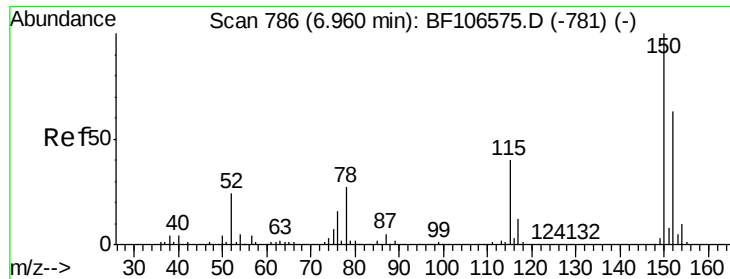
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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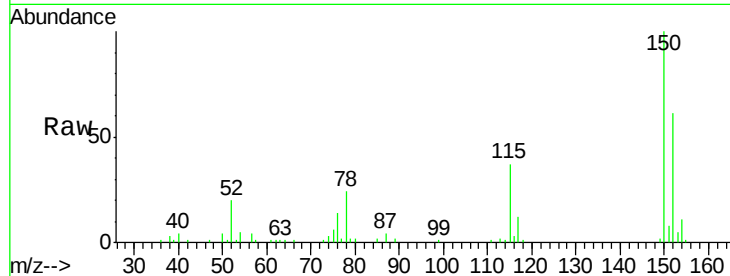




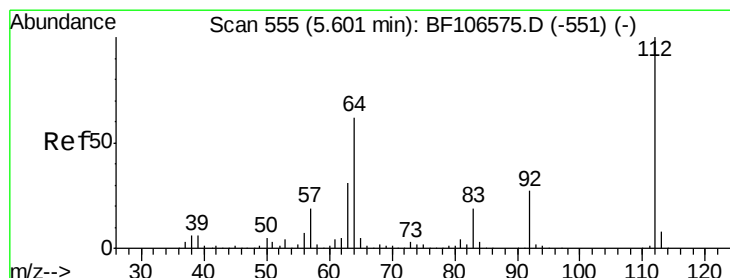
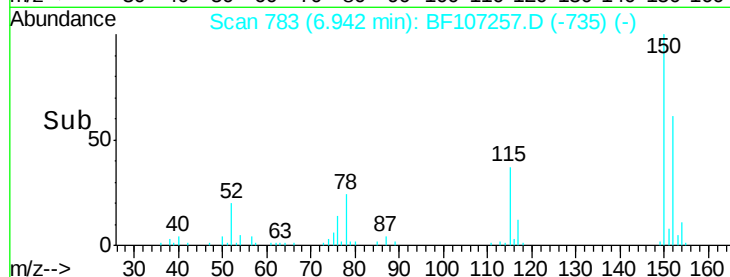
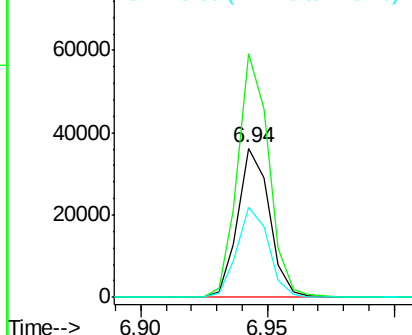
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.94 min Scan# 783
 Delta R.T. -0.02 min
 Lab File: BF107257.D
 Acq: 10 Jul 2018 4:45

Instrument :
 BNA_F
 ClientSampleId :
 070518-DBRI-E-D-M

Tgt Ion:152 Resp: 31469
 Ion Ratio Lower Upper
 152 100
 150 162.9 124.6 186.8
 115 60.1 50.1 75.1

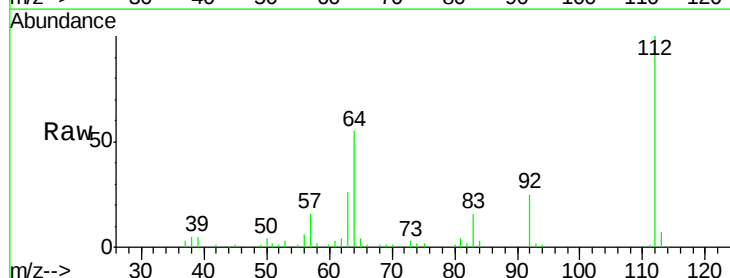


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

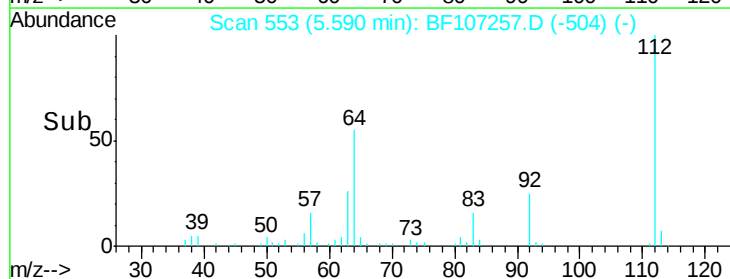
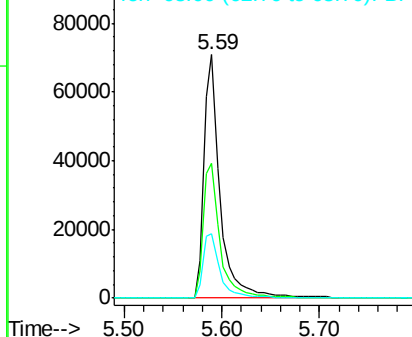


#5
 2-Fluorophenol
 Concen: 43.668 ng
 RT: 5.59 min Scan# 553
 Delta R.T. -0.01 min
 Lab File: BF107257.D
 Acq: 10 Jul 2018 4:45

Tgt Ion:112 Resp: 81154
 Ion Ratio Lower Upper
 112 100
 64 55.3 47.9 71.9
 63 26.5 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: 27.136 ng

RT: 6.59 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF107257.D

Acq: 10 Jul 2018 4:45

Instrument :

BNA_F

ClientSampleId :

070518-DBRI-E-D-M

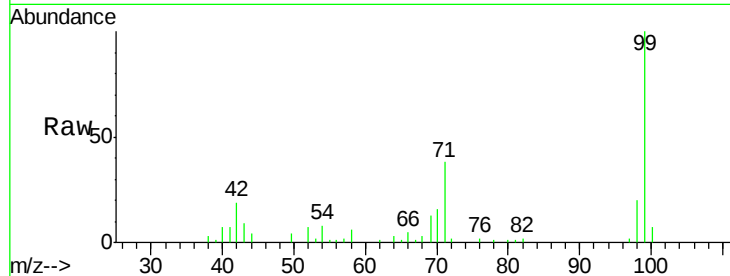
Tgt Ion: 99 Resp: 62977

Ion Ratio Lower Upper

99 100

42 18.7 14.5 21.7

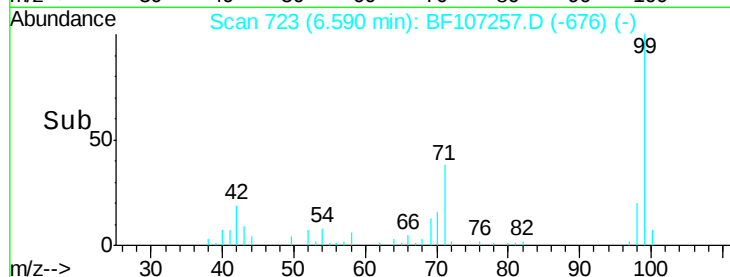
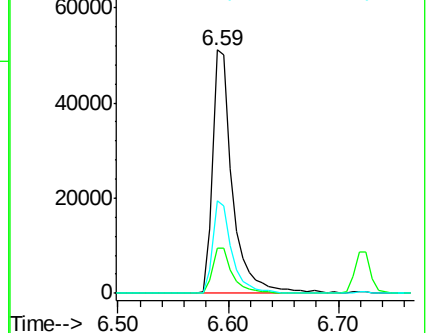
71 37.9 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.900 ng

RT: 7.51 min Scan# 880

Delta R.T. 0.13 min

Lab File: BF107257.D

Acq: 10 Jul 2018 4:45

Tgt Ion: 70 Resp: 22794

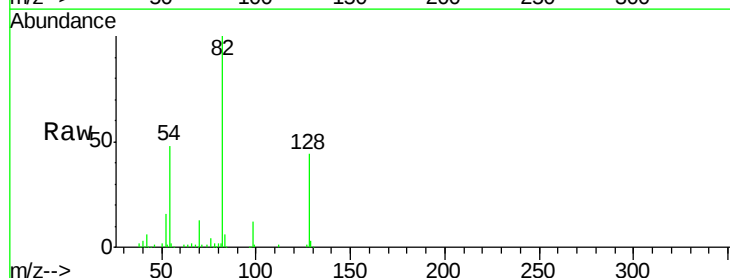
Ion Ratio Lower Upper

70 100

42 44.2 47.5 71.3#

101 0.0 7.4 11.2#

130 2.7 16.6 25.0#

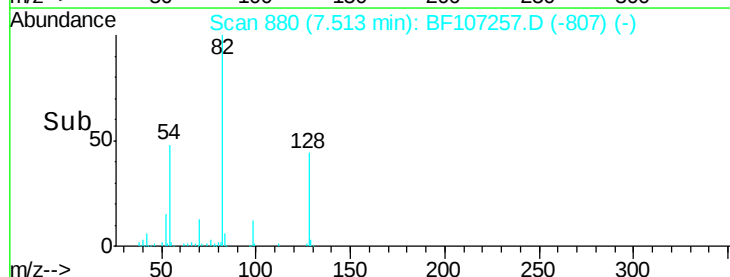
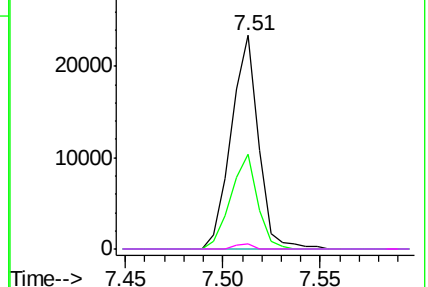


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

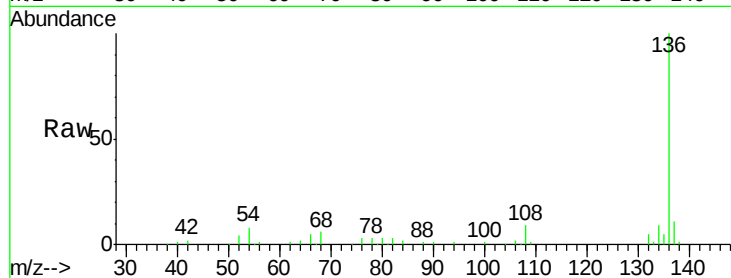




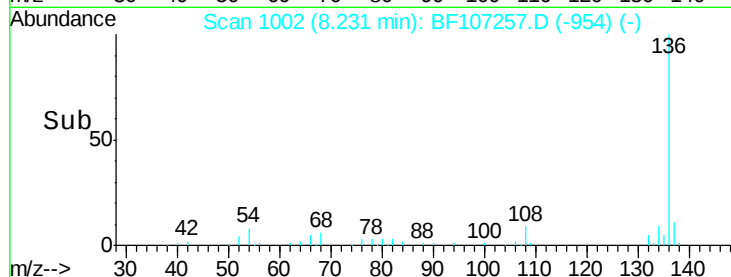
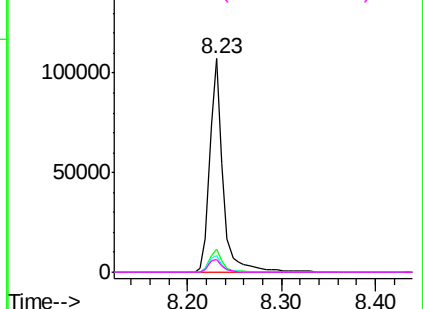
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BF107257.D
Acq: 10 Jul 2018 4:45

Instrument :
BNA_F
ClientSampleId :
070518-DBRI-E-D-M

Tgt Ion:	136	Resp:	106599
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.9	6.6	9.8
68	6.2	5.0	7.4

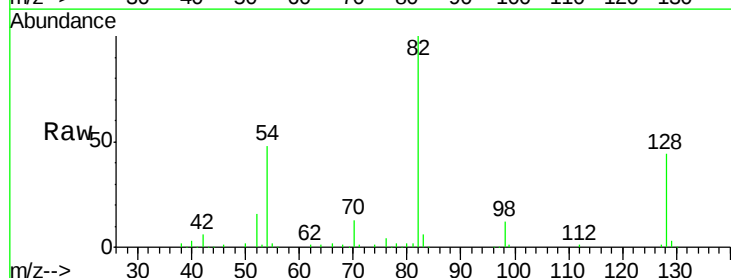


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

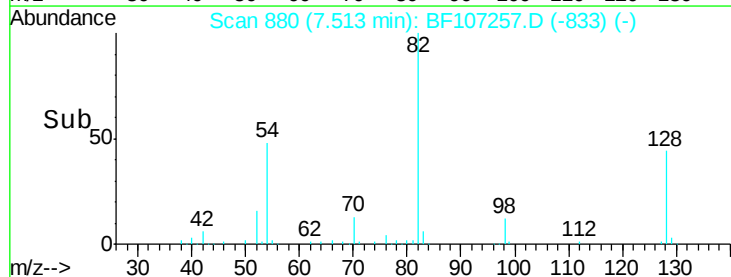
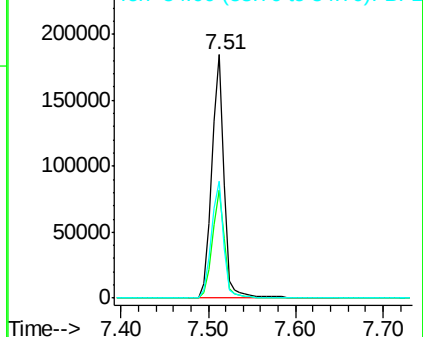


#23
Nitrobenzene-d5
Concen: 94.508 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF107257.D
Acq: 10 Jul 2018 4:45

Tgt Ion:	82	Resp:	181282
Ion	Ratio	Lower	Upper
82	100		
128	44.1	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): E
Ion 54.00 (53.70 to 54.70): BF1

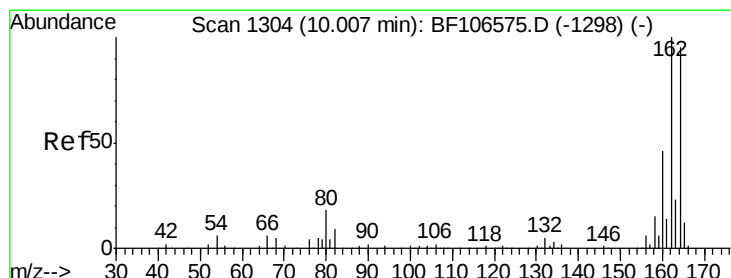
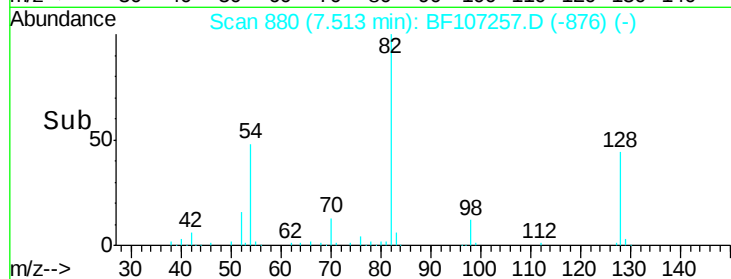
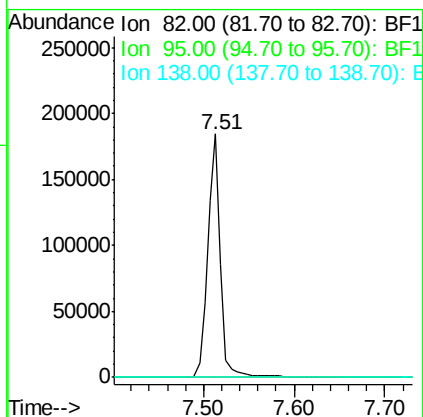
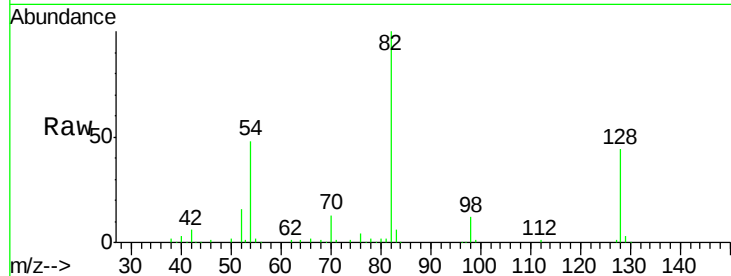




#25
Isophorone
Concen: 53.632 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.28 min
Lab File: BF107257.D
Acq: 10 Jul 2018 4:45

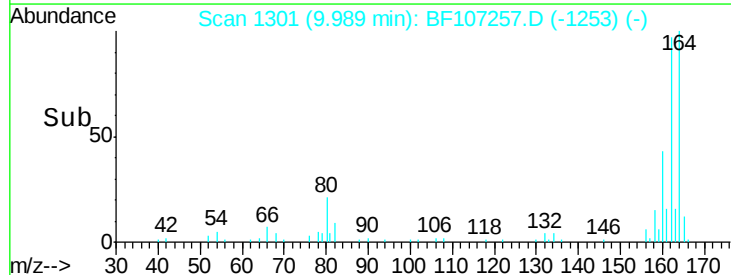
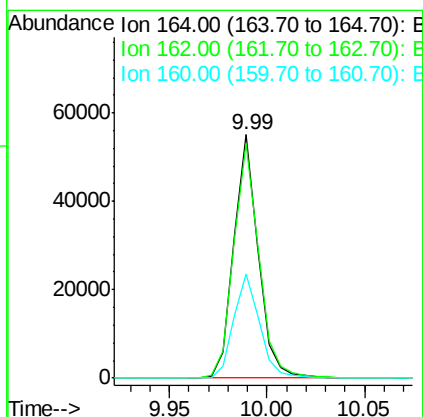
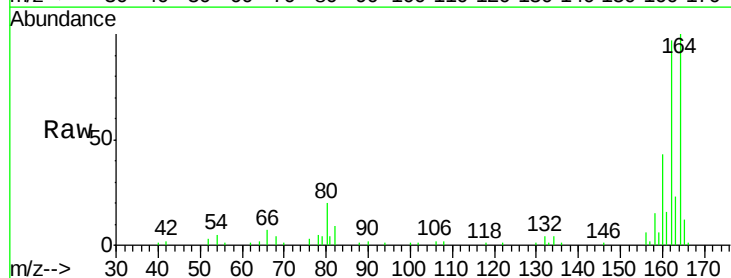
Instrument :
BNA_F
ClientSampleId :
070518-DBRI-E-D-M

Tgt Ion: 82 Resp: 181280
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BF107257.D
Acq: 10 Jul 2018 4:45

Tgt Ion: 164 Resp: 47915
Ion Ratio Lower Upper
164 100
162 96.6 86.1 129.1
160 42.9 38.3 57.5

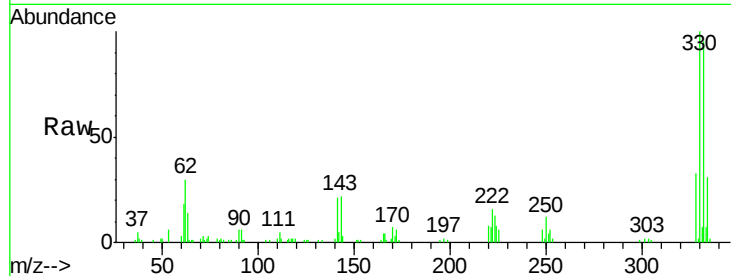




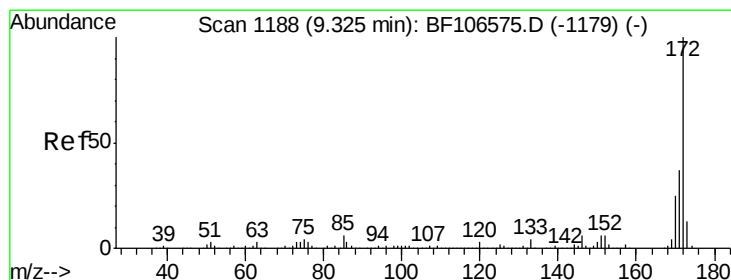
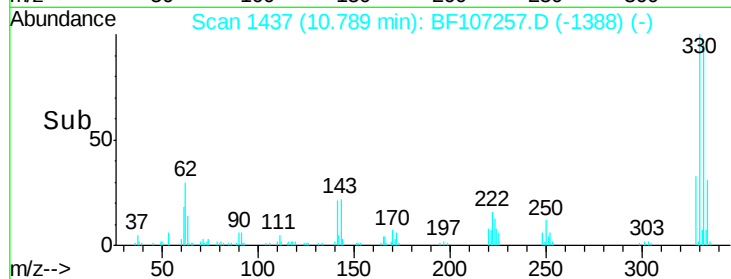
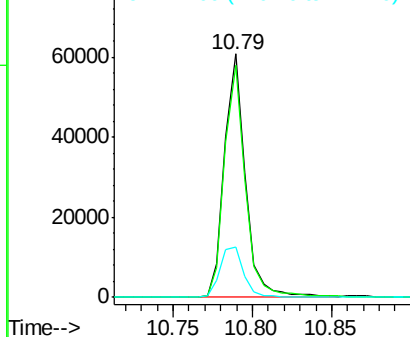
#41
 2,4,6-Tribromophenol
 Concen: 100.616 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF107257.D
 Acq: 10 Jul 2018 4:45

Instrument :
 BNA_F
 ClientSampleId :
 070518-DBRI-E-D-M

Tgt Ion:330 Resp: 55877
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 23.2 29.9 44.9#

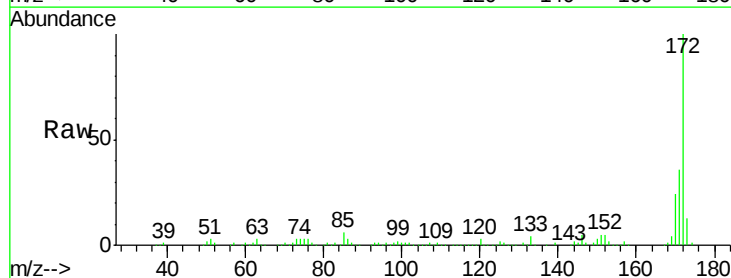


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

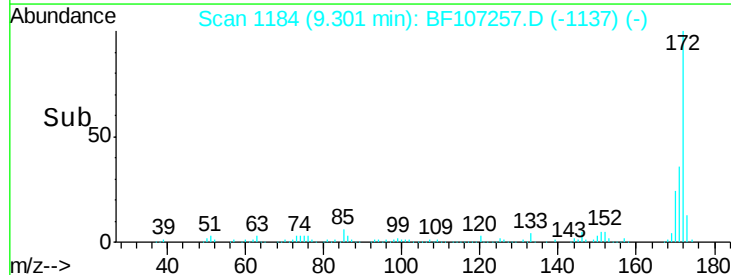
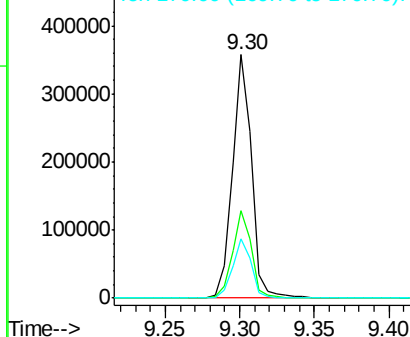


#44
 2-Fluorobiphenyl
 Concen: 120.701 ng
 RT: 9.30 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF107257.D
 Acq: 10 Jul 2018 4:45

Tgt Ion:172 Resp: 324142
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 24.1 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

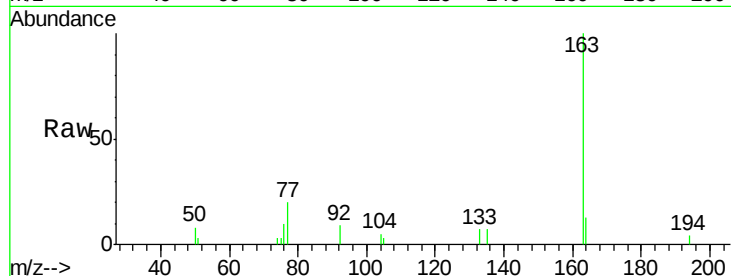




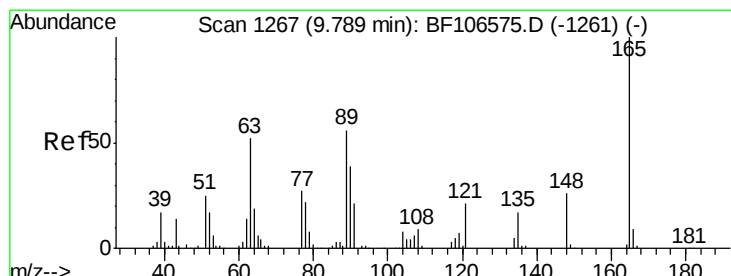
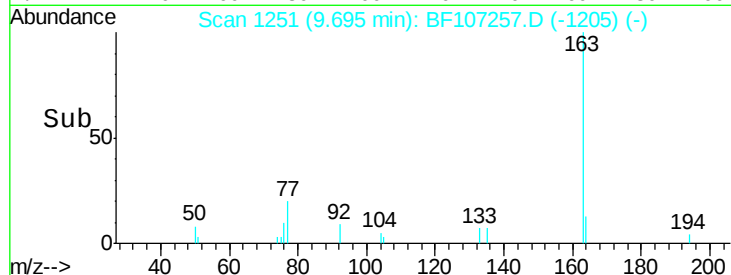
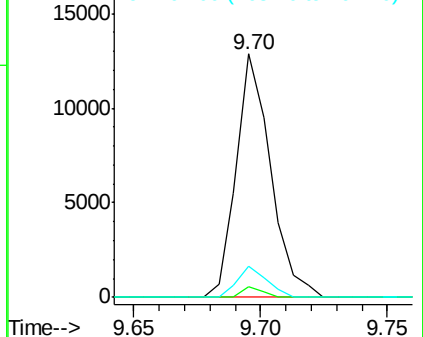
#49
Dimethylphthalate
Concen: 3.376 ng
RT: 9.70 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF107257.D
Acq: 10 Jul 2018 4:45

Instrument :
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ClientSampleId :
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Tgt Ion:163 Resp: 12131
Ion Ratio Lower Upper
163 100
194 4.2 2.7 4.1#
164 13.0 8.2 12.2#

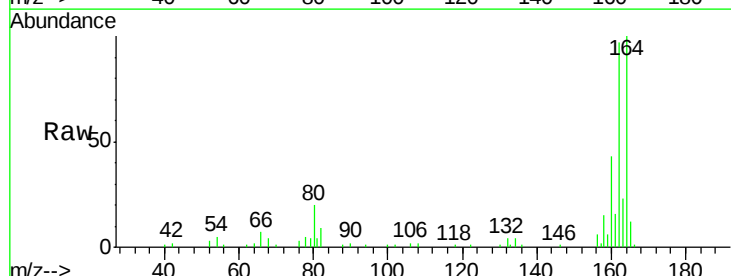


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

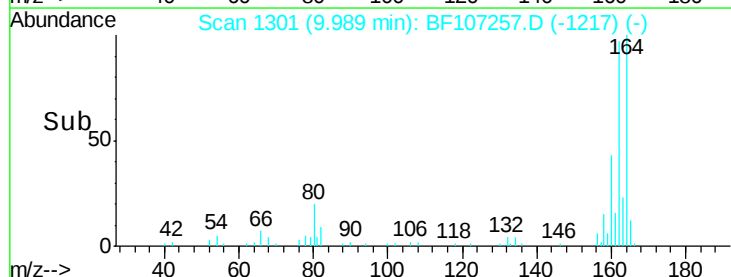
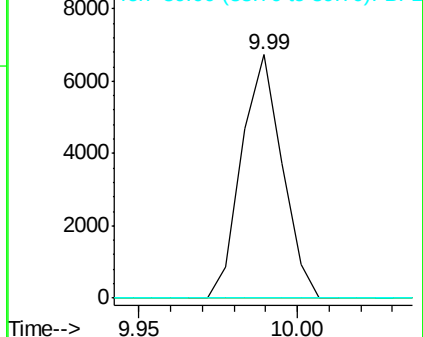


#50
2,6-Dinitrotoluene
Concen: 7.861 ng
RT: 9.99 min Scan# 1301
Delta R.T. 0.19 min
Lab File: BF107257.D
Acq: 10 Jul 2018 4:45

Tgt Ion:165 Resp: 5982
Ion Ratio Lower Upper
165 100
63 0.0 44.7 67.1#
89 0.0 44.0 66.0#



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

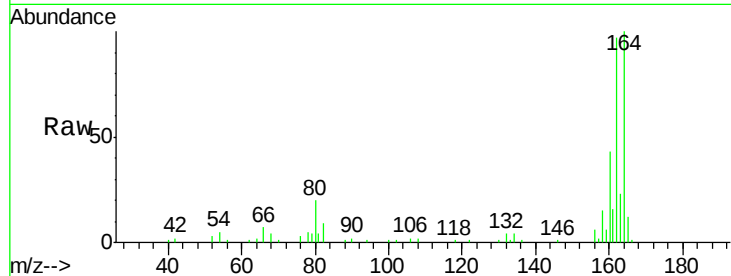




#56
2,4-Dinitrotoluene
Concen: 6.022 ng
RT: 9.99 min Scan# 1301
Delta R.T. -0.21 min
Lab File: BF107257.D
Acq: 10 Jul 2018 4:45

Instrument :
BNA_F
ClientSampleId :
070518-DBRI-E-D-M

Tgt Ion:	165	Resp:	5982
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#

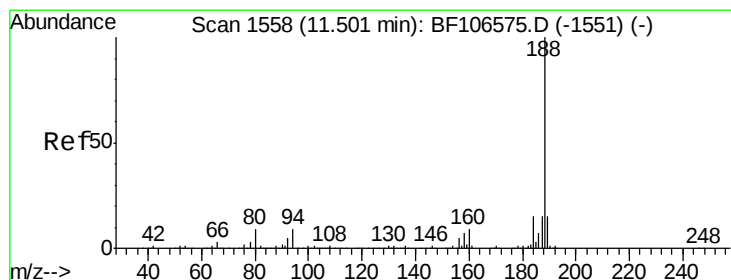
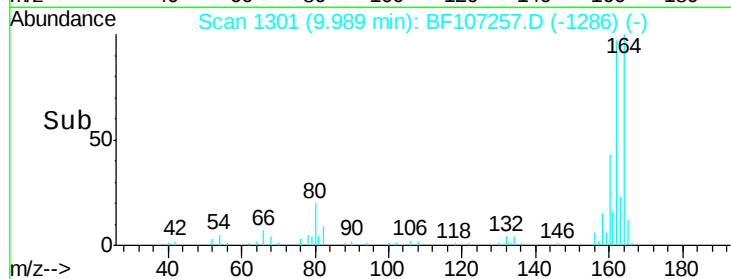
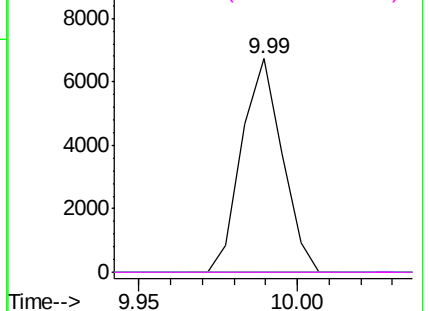


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

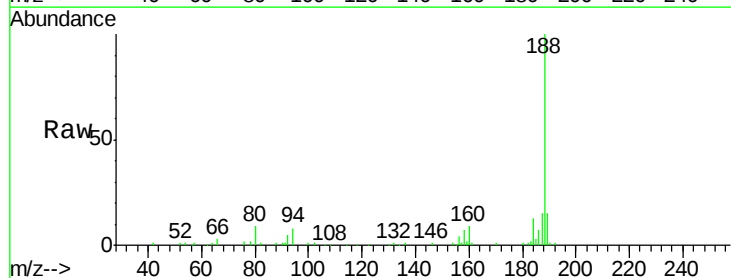
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF107257.D
Acq: 10 Jul 2018 4:45

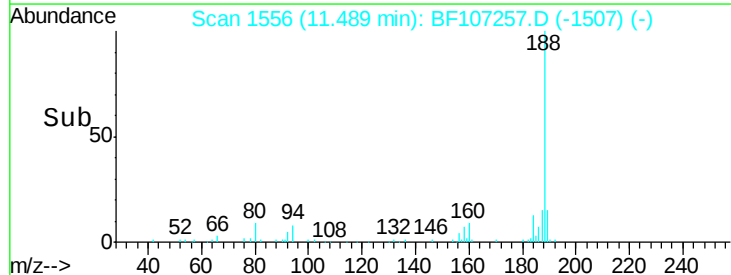
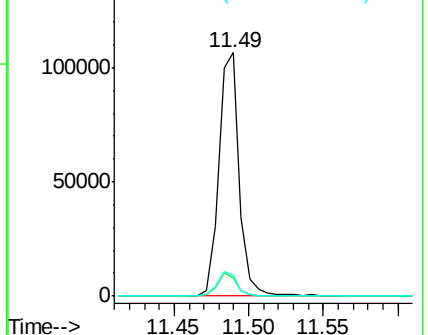
Tgt Ion:	188	Resp:	102020
Ion	Ratio	Lower	Upper
188	100		
94	7.8	8.5	12.7#
80	8.7	9.2	13.8#

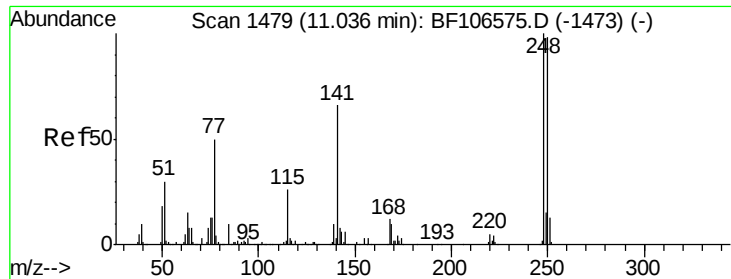


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

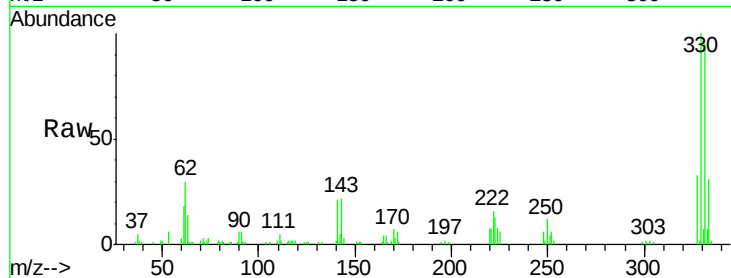




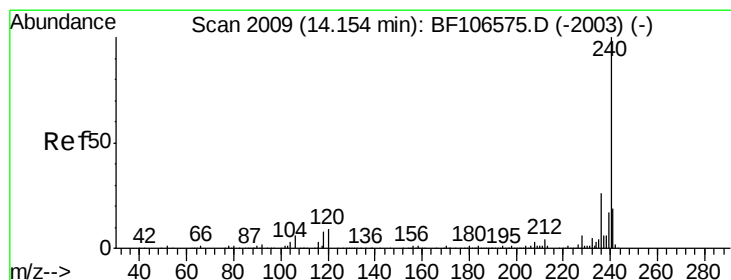
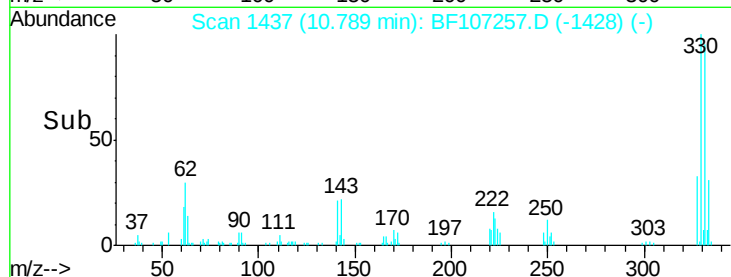
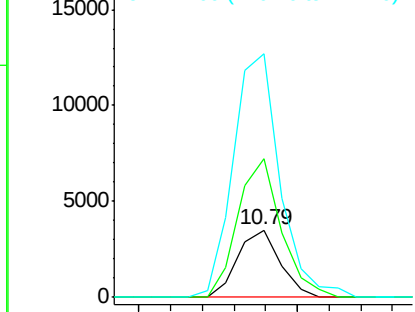
#66
4-Bromophenyl-phenylether
Concen: 2.676 ng
RT: 10.79 min Scan# 1437
Delta R.T. -0.25 min
Lab File: BF107257.D
Acq: 10 Jul 2018 4:45

Instrument :
BNA_F
ClientSampleId :
070518-DBRI-E-D-M

Tgt Ion:248 Resp: 3258
Ion Ratio Lower Upper
248 100
250 205.8 76.9 115.3#
141 360.4 74.4 111.6#

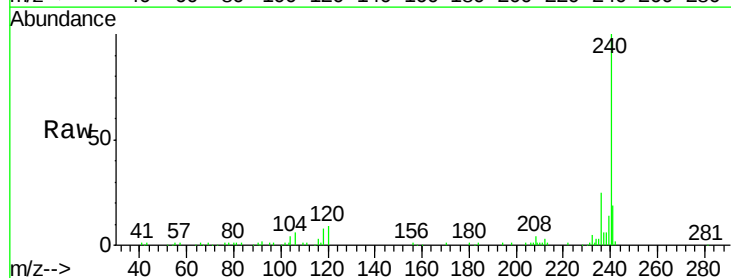


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

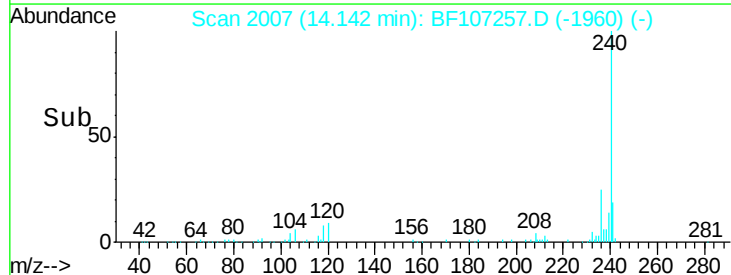
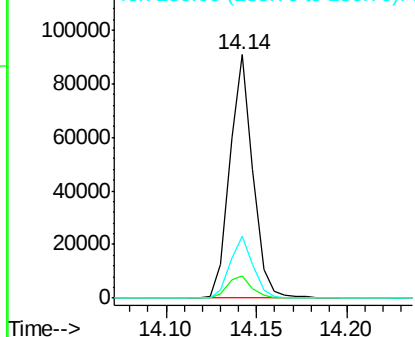


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BF107257.D
Acq: 10 Jul 2018 4:45

Tgt Ion:240 Resp: 80643
Ion Ratio Lower Upper
240 100
120 8.9 9.5 14.3#
236 25.3 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

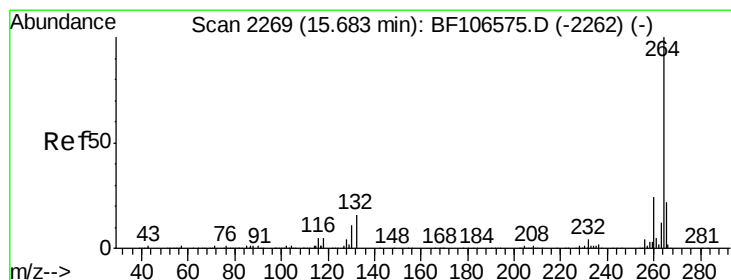
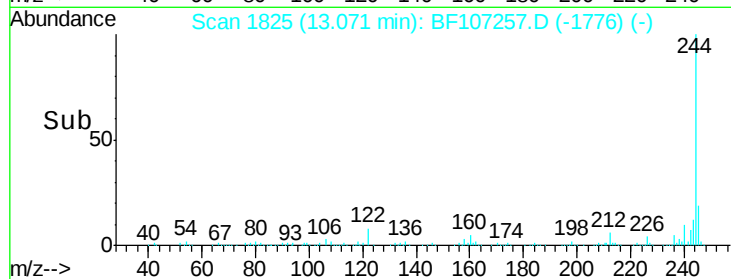
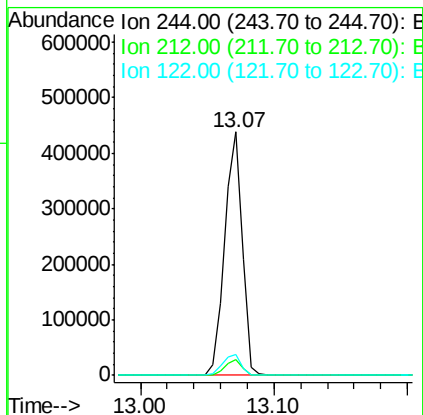
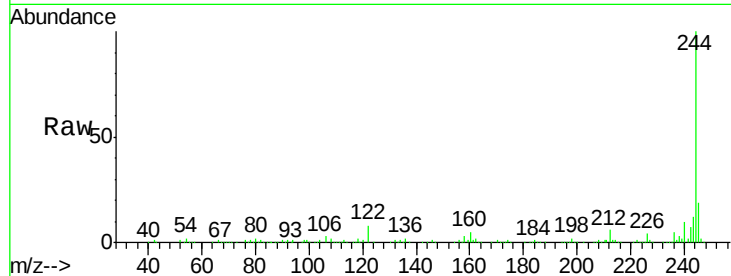




#78
 Terphenyl-d14
 Concen: 122.900 ng
 RT: 13.07 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF107257.D
 Acq: 10 Jul 2018 4:45

Instrument :
 BNA_F
 ClientSampleId :
 070518-DBRI-E-D-M

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.4	8.0
122	8.4	11.0	16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2269
 Delta R.T. -0.04 min
 Lab File: BF107257.D
 Acq: 10 Jul 2018 4:45

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.3	17.5	26.3

