

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071218\
 Data File : BF107343.D
 Acq On : 12 Jul 2018 17:08
 Operator : JU/SJ
 Sample : J3824-01 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-02-071018

Quant Time: Jul 12 18:04:06 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

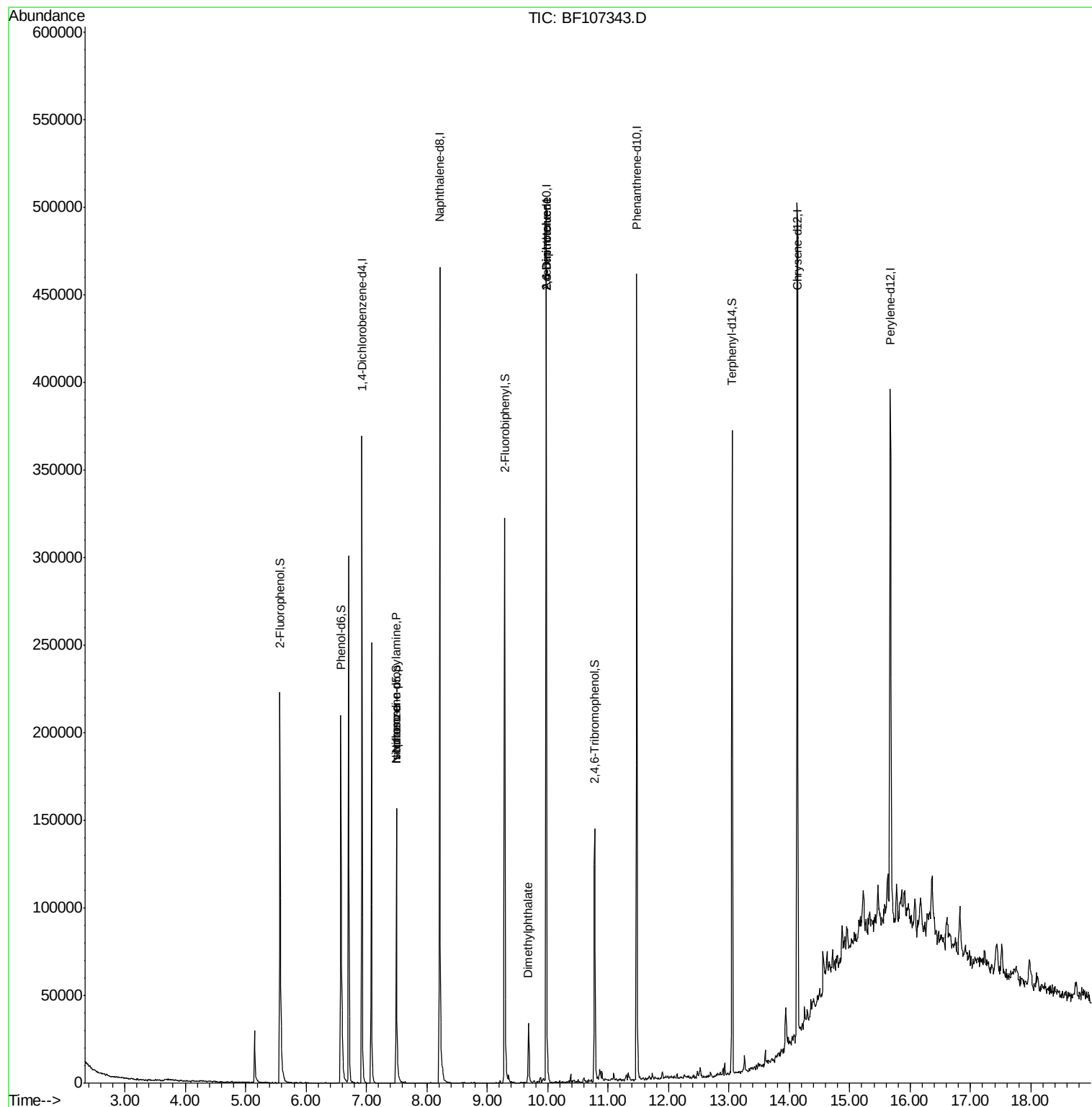
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	59201	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	234034	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	110765	20.00	ng	0.00
63) Phenanthrene-d10	11.47	188	192296	20.00	ng	0.00
75) Chrysene-d12	14.14	240	184695	20.00	ng	0.00
86) Perylene-d12	15.67	264	158120	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	84673	24.22	ng	0.00
7) Phenol-d6	6.57	99	105751	24.22	ng	0.00
23) Nitrobenzene-d5	7.50	82	62710	14.89	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	23727	18.48	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	128808	5.97	ng	0.00
78) Terphenyl-d14	13.05	244	124576	16.34	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.50	70	7809	2.713	ng	# 73
25) Isophorone	7.50	82	62710	8.451	ng	# 64
49) Dimethylphthalate	9.68	163	19237	2.316	ng	# 99
50) 2,6-Dinitrotoluene	9.98	165	13974	7.944	ng	# 24
56) 2,4-Dinitrotoluene	9.98	165	13974	6.086	ng	# 21

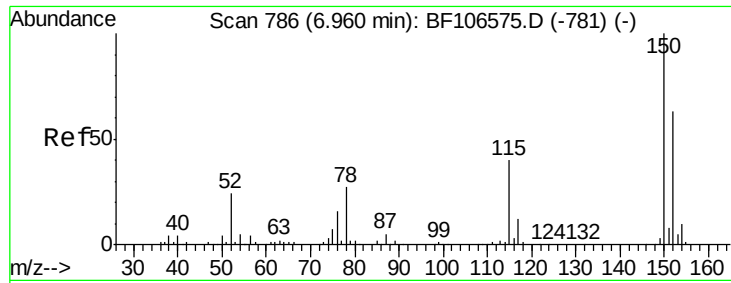
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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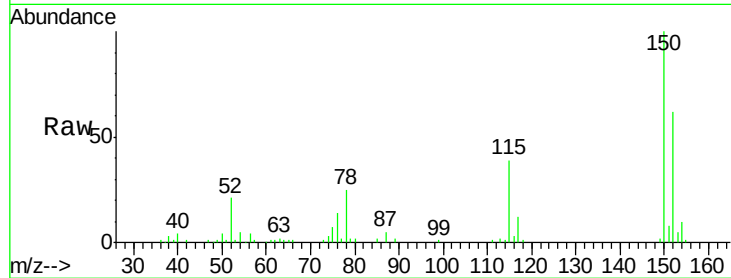


#1

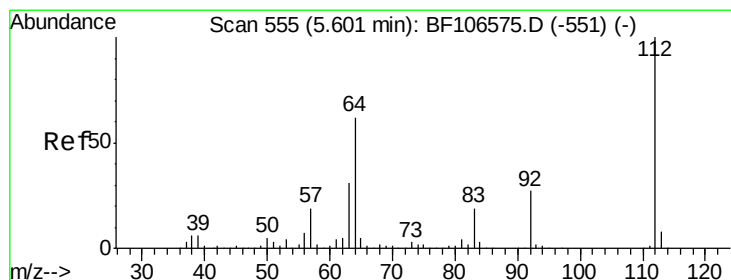
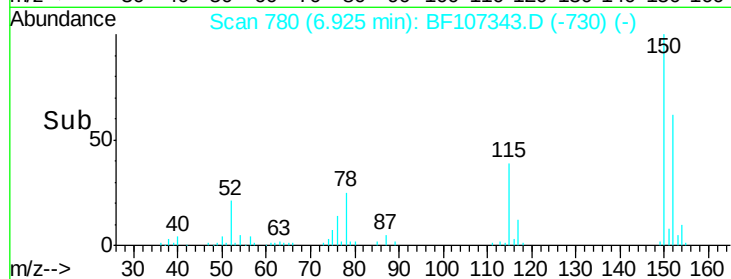
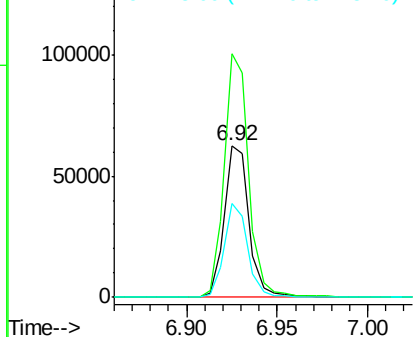
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF107343.D
Acq: 12 Jul 2018 17:08

Instrument :
BNA_F
ClientSampleId :
HD-02-071018

Tgt Ion:152 Resp: 59201
Ion Ratio Lower Upper
152 100
150 160.4 124.6 186.8
115 62.1 50.1 75.1



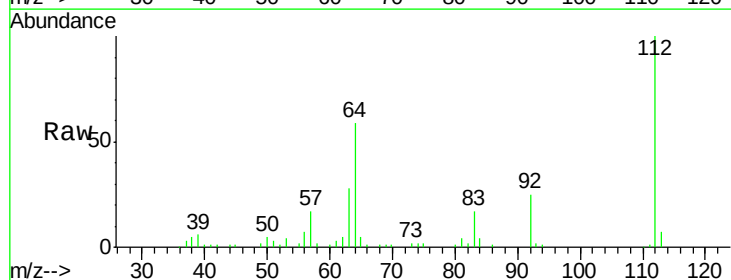
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



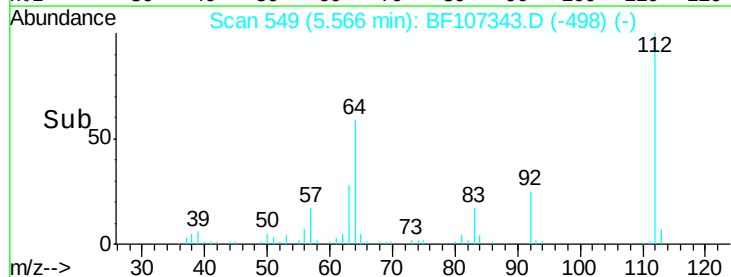
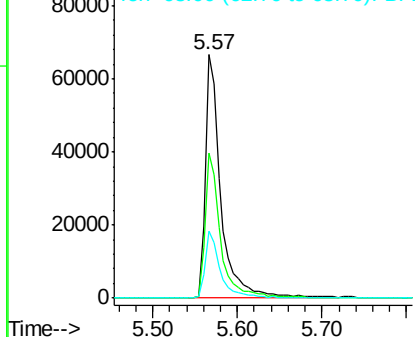
#5

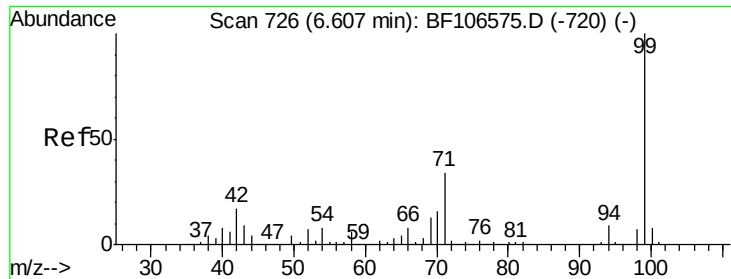
2-Fluorophenol
Concen: 24.219 ng
RT: 5.57 min Scan# 549
Delta R.T. -0.00 min
Lab File: BF107343.D
Acq: 12 Jul 2018 17:08

Tgt Ion:112 Resp: 84673
Ion Ratio Lower Upper
112 100
64 59.5 47.9 71.9
63 27.7 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: 24.221 ng

RT: 6.57 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF107343.D

Acq: 12 Jul 2018 17:08

Instrument :

BNA_F

ClientSampleId :

HD-02-071018

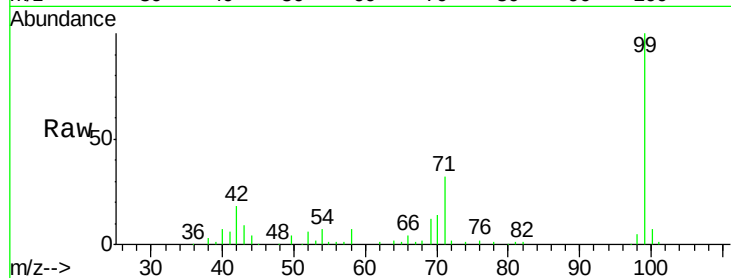
Tgt Ion: 99 Resp: 105751

Ion Ratio Lower Upper

99 100

42 17.6 14.5 21.7

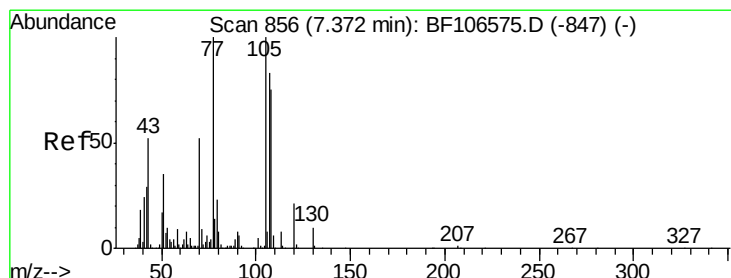
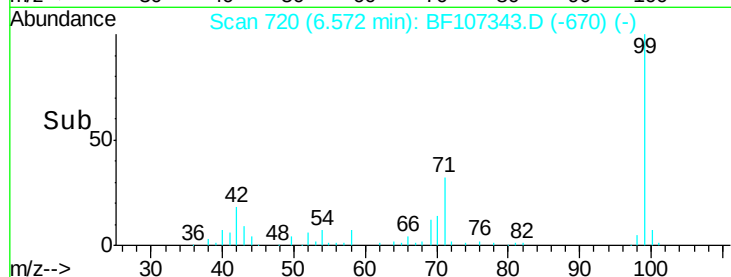
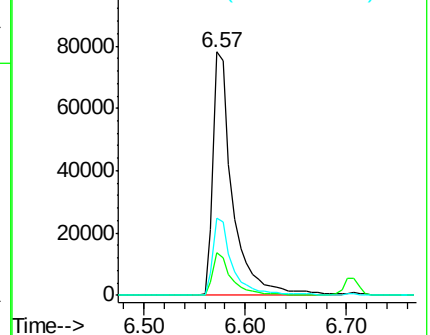
71 31.8 25.4 38.0



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: 2.713 ng

RT: 7.50 min Scan# 877

Delta R.T. 0.15 min

Lab File: BF107343.D

Acq: 12 Jul 2018 17:08

Tgt Ion: 70 Resp: 7809

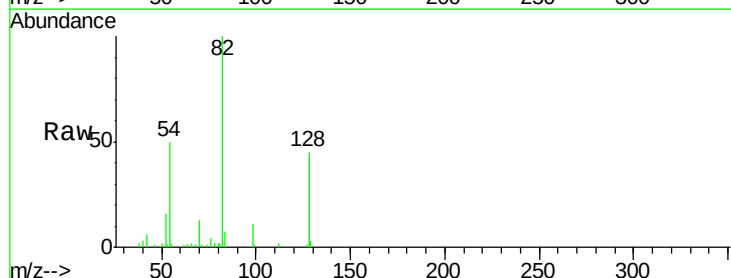
Ion Ratio Lower Upper

70 100

42 43.2 47.5 71.3#

101 0.0 7.4 11.2#

130 0.0 16.6 25.0#

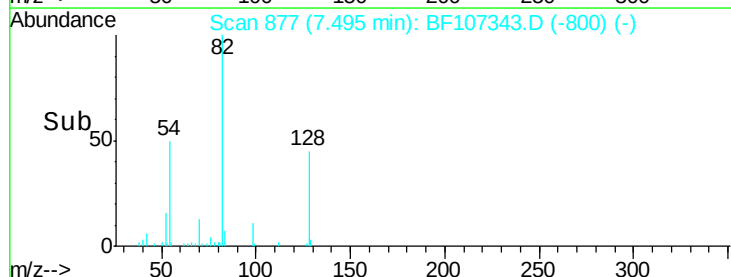
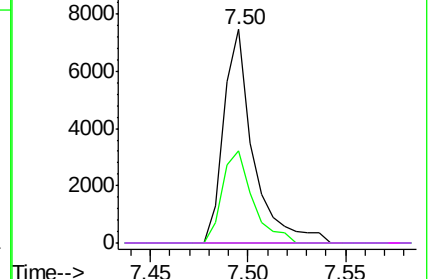


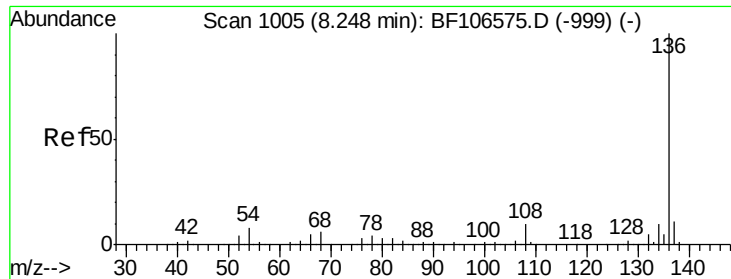
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

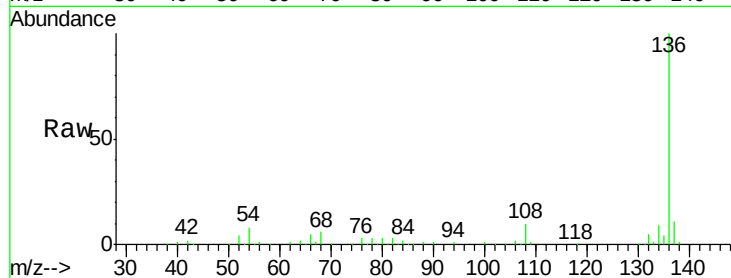




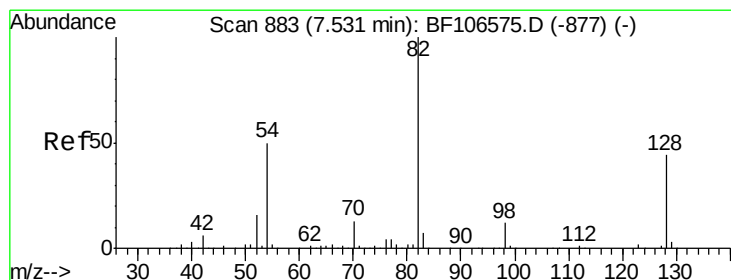
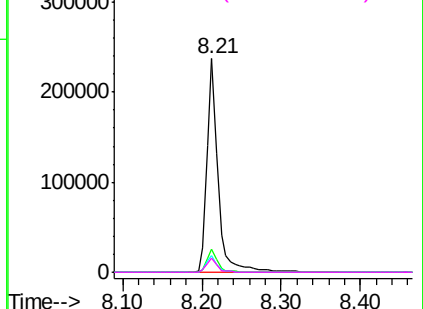
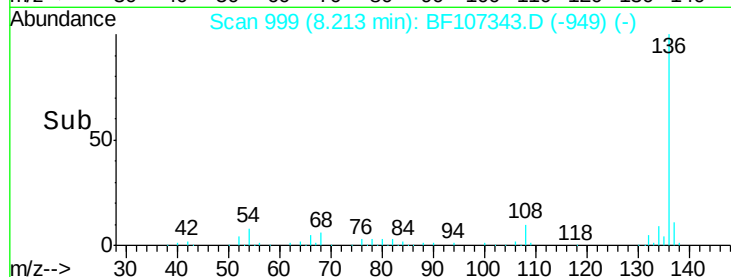
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.21 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF107343.D
Acq: 12 Jul 2018 17:08

Instrument :
BNA_F
ClientSampleId :
HD-02-071018

Tgt Ion:	136	Resp:	234034
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	7.7	6.6	9.8
68	6.4	5.0	7.4

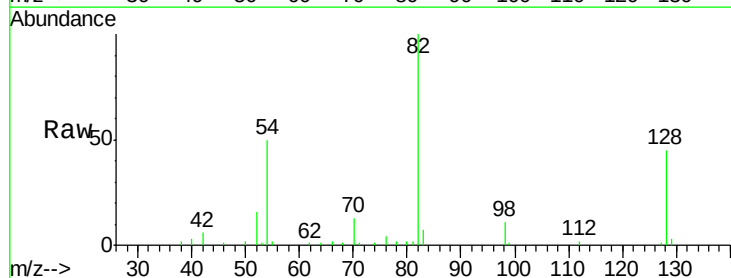


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

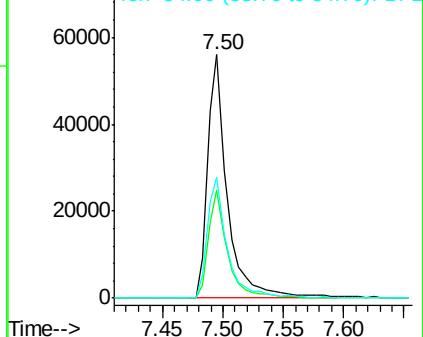
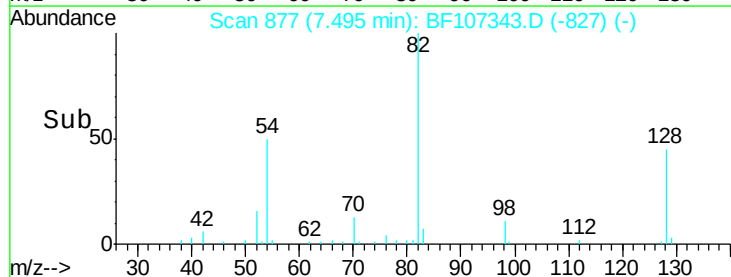


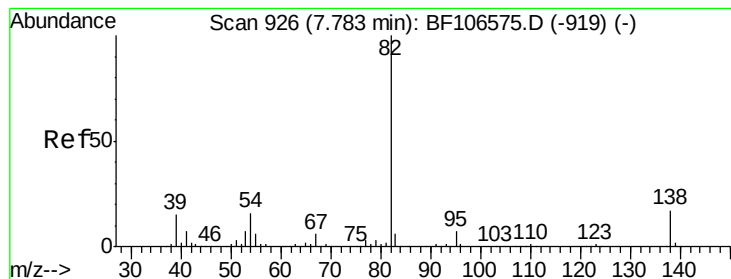
#23
Nitrobenzene-d5
Concen: 14.891 ng
RT: 7.50 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF107343.D
Acq: 12 Jul 2018 17:08

Tgt Ion:	82	Resp:	62710
Ion	Ratio	Lower	Upper
82	100		
128	44.5	36.1	54.1
54	49.7	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: 8.451 ng

RT: 7.50 min Scan# 877

Delta R.T. -0.26 min

Lab File: BF107343.D

Acq: 12 Jul 2018 17:08

Instrument :

BNA_F

ClientSampleId :

HD-02-071018

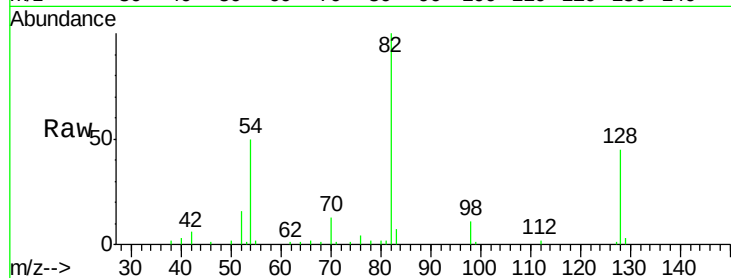
Tgt Ion: 82 Resp: 62710

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

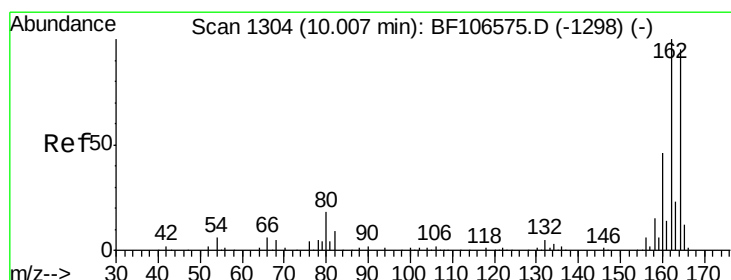
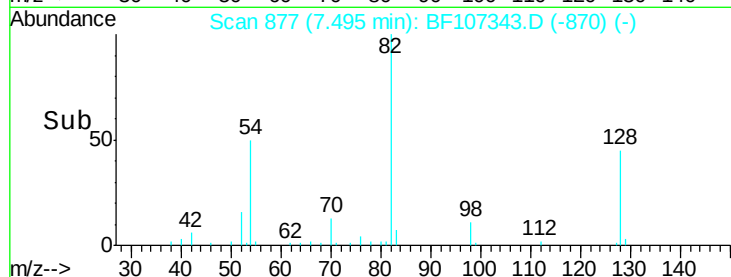
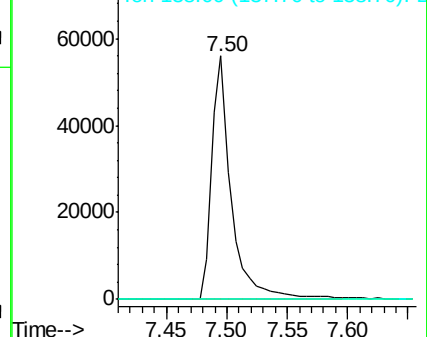
138 0.0 14.9 22.3#



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: BF107343.D

Acq: 12 Jul 2018 17:08

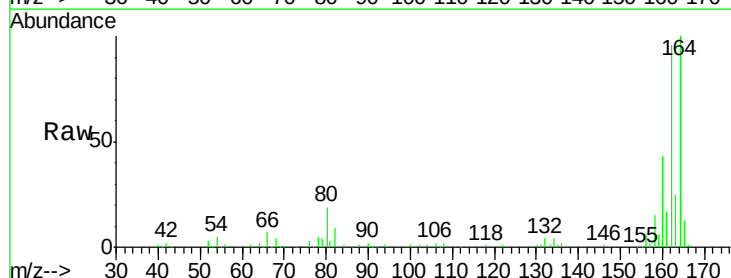
Tgt Ion: 164 Resp: 110765

Ion Ratio Lower Upper

164 100

162 95.8 86.1 129.1

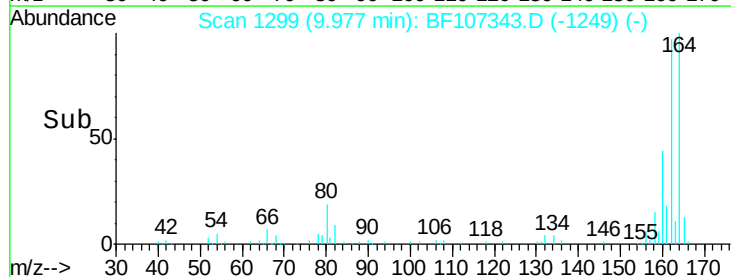
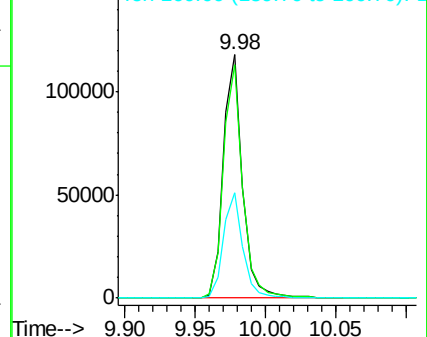
160 43.3 38.3 57.5

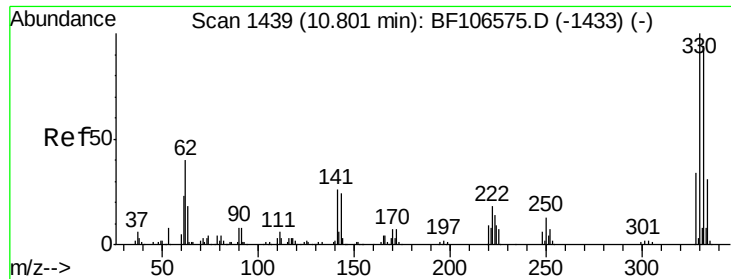


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

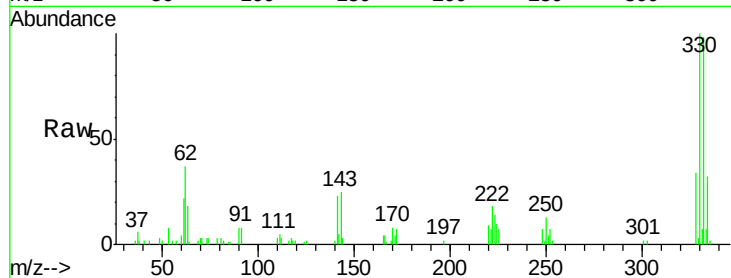




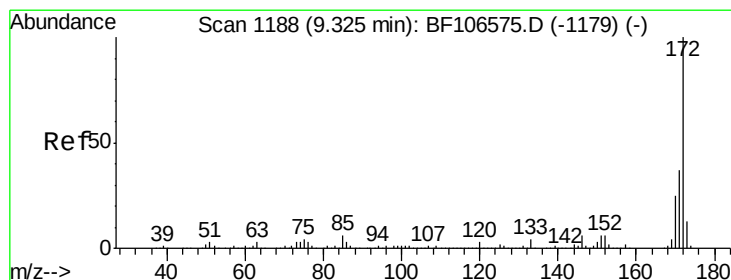
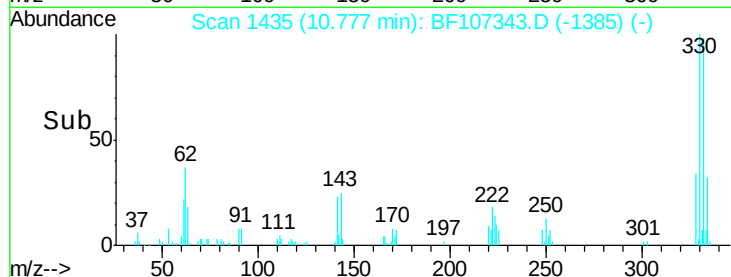
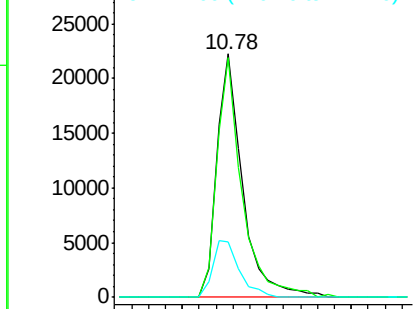
#41
 2,4,6-Tribromophenol
 Concen: 18.482 ng
 RT: 10.78 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF107343.D
 Acq: 12 Jul 2018 17:08

Instrument :
 BNA_F
 ClientSampleId :
 HD-02-071018

Tgt Ion:330 Resp: 23727
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.0 115.6
 141 24.4 29.9 44.9#

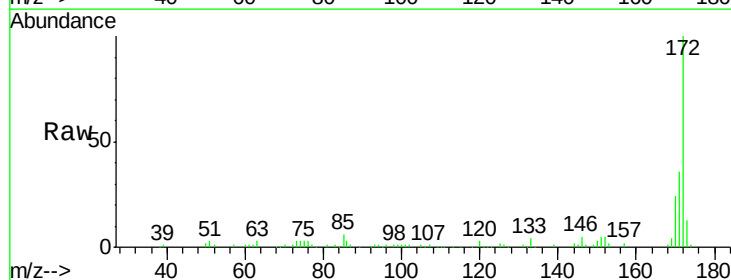


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

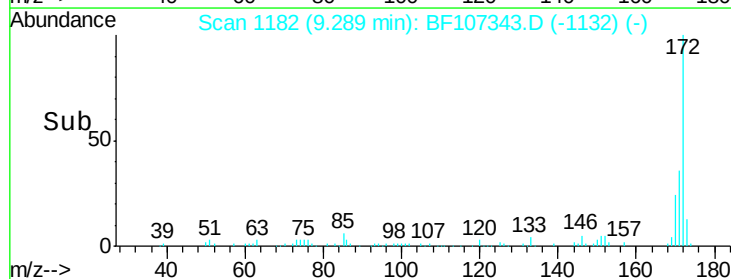
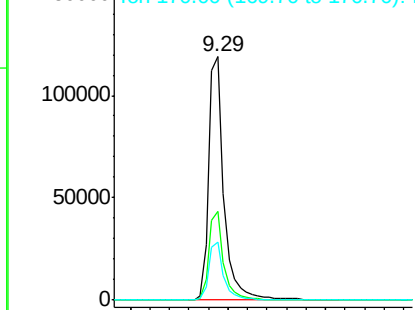


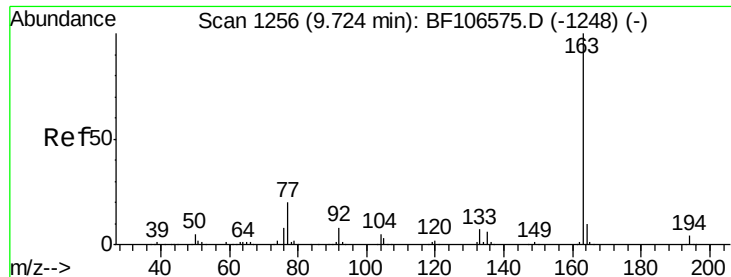
#44
 2-Fluorobiphenyl
 Concen: 5.968 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF107343.D
 Acq: 12 Jul 2018 17:08

Tgt Ion:172 Resp: 128808
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.7 44.5
 170 23.8 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

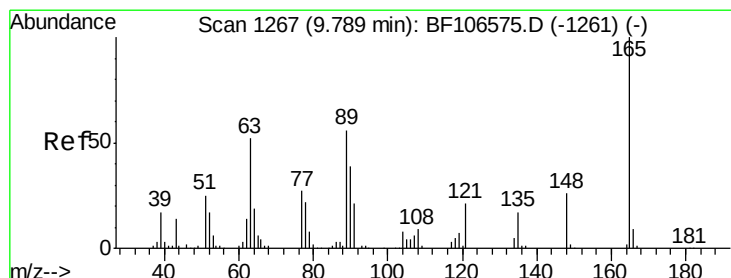
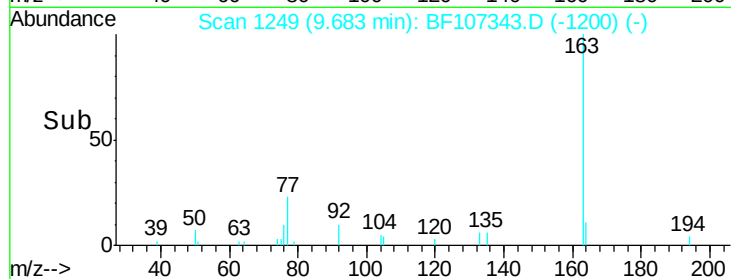
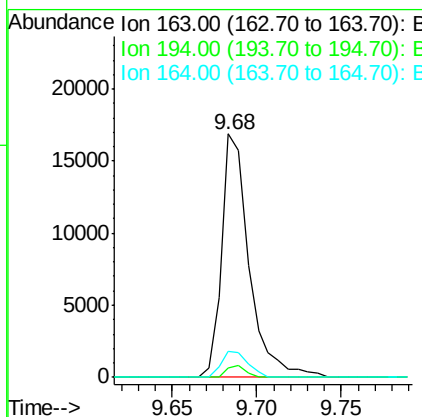
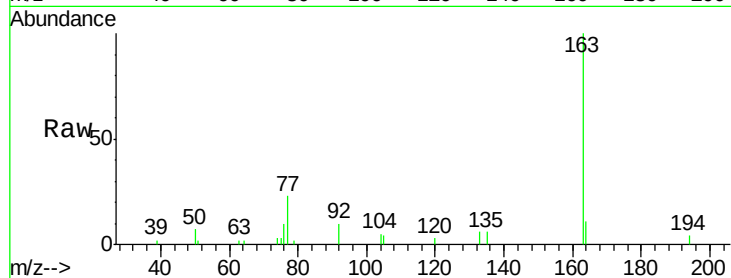




#49
Dimethylphthalate
Concen: 2.316 ng
RT: 9.68 min Scan# 1249
Delta R.T. -0.01 min
Lab File: BF107343.D
Acq: 12 Jul 2018 17:08

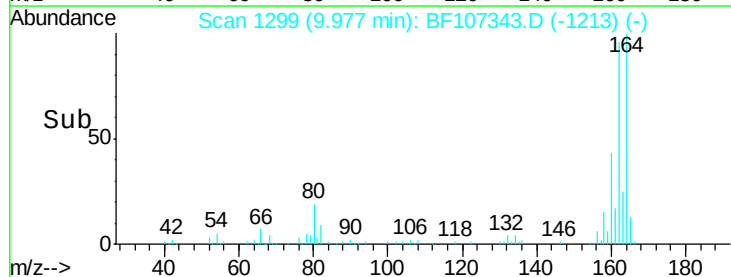
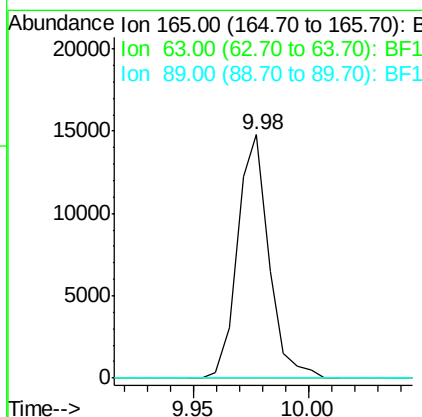
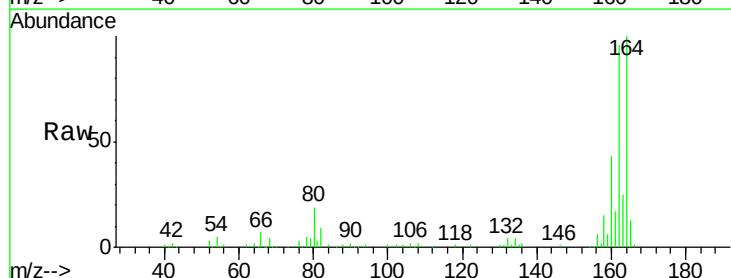
Instrument :
BNA_F
ClientSampleId :
HD-02-071018

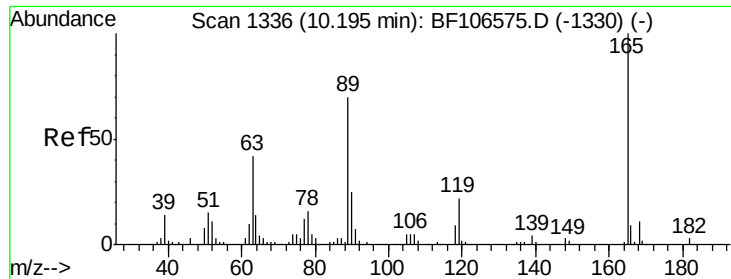
Tgt Ion:163 Resp: 19237
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.5 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 7.944 ng
RT: 9.98 min Scan# 1299
Delta R.T. 0.21 min
Lab File: BF107343.D
Acq: 12 Jul 2018 17:08

Tgt Ion:165 Resp: 13974
Ion Ratio Lower Upper
165 100
63 0.0 44.7 67.1#
89 0.0 44.0 66.0#

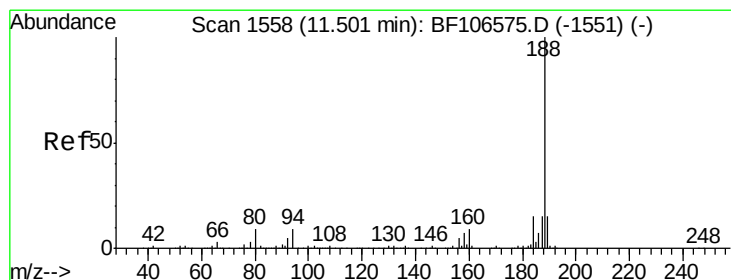
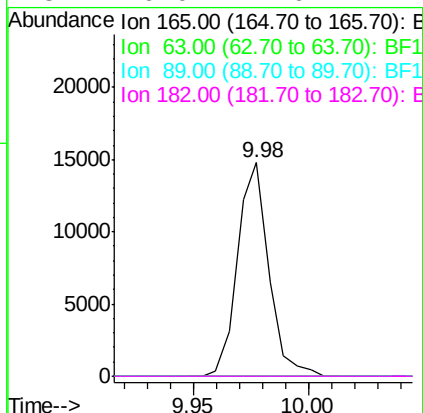
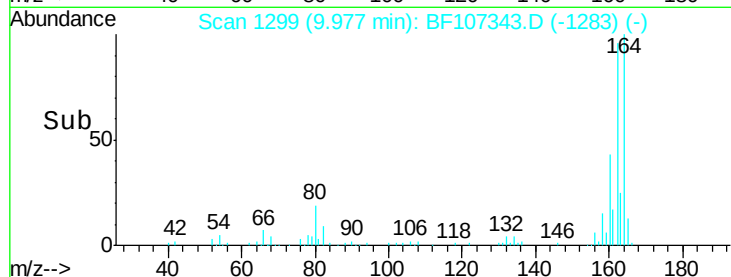
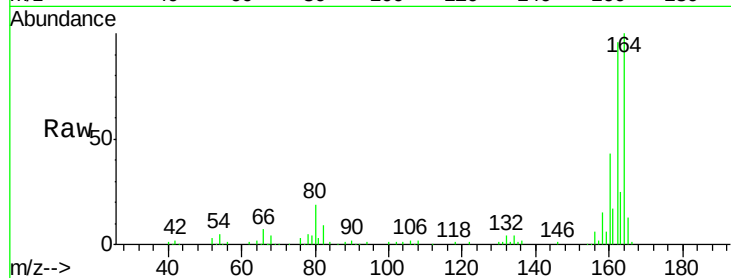




#56
 2,4-Dinitrotoluene
 Concen: 6.086 ng
 RT: 9.98 min Scan# 1299
 Delta R.T. -0.21 min
 Lab File: BF107343.D
 Acq: 12 Jul 2018 17:08

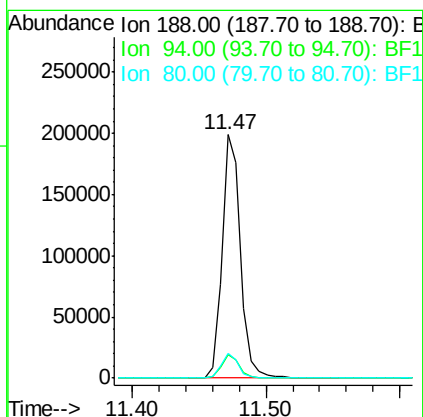
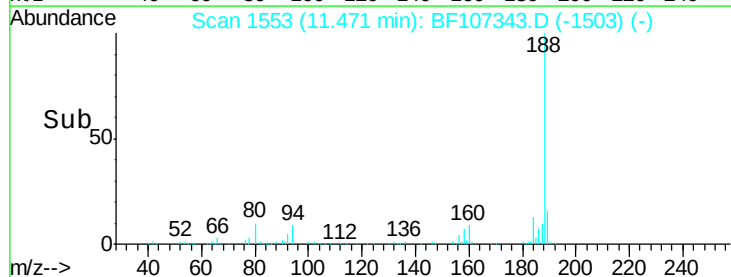
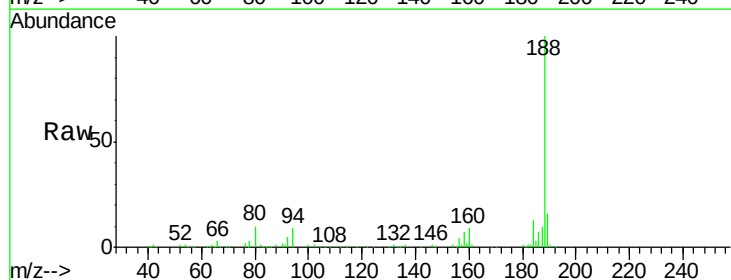
Instrument :
 BNA_F
 ClientSampleId :
 HD-02-071018

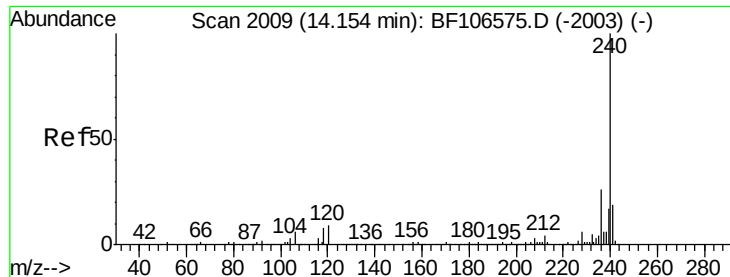
Tgt Ion:	165	Resp:	13974
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.47 min Scan# 1553
 Delta R.T. -0.01 min
 Lab File: BF107343.D
 Acq: 12 Jul 2018 17:08

Tgt Ion:	188	Resp:	192296
Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.5	12.7
80	10.4	9.2	13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BF107343.D

Acq: 12 Jul 2018 17:08

Instrument :

BNA_F

ClientSampleId :

HD-02-071018

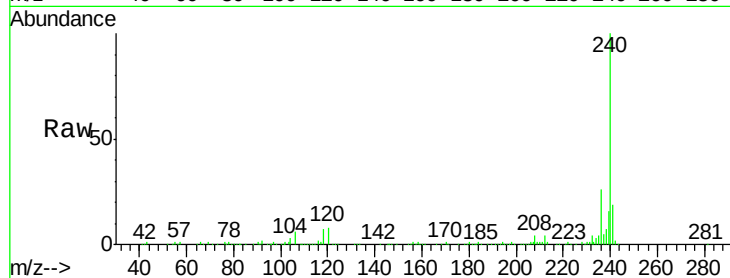
Tgt Ion:240 Resp: 184695

Ion Ratio Lower Upper

240 100

120 8.4 9.5 14.3#

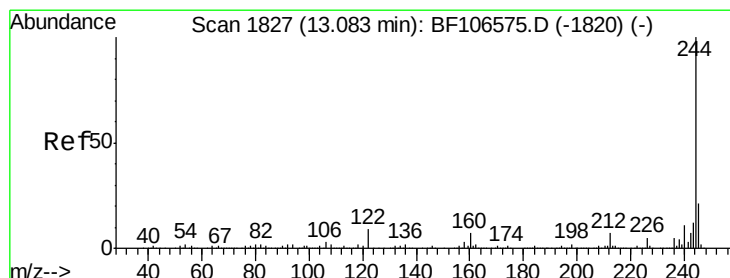
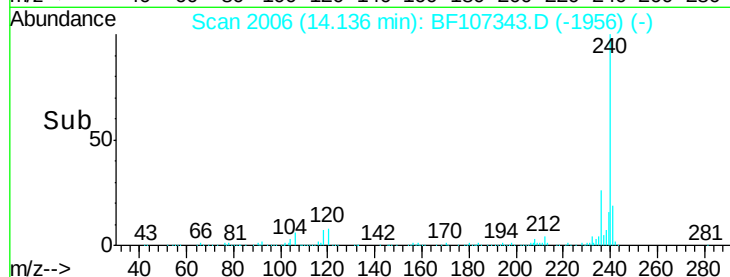
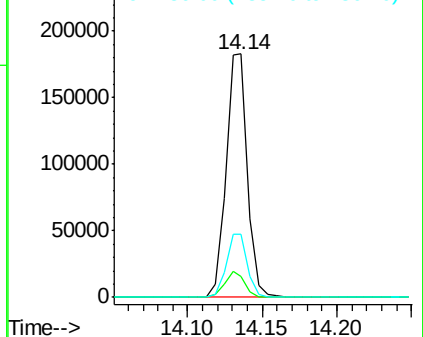
236 25.7 20.7 31.1



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: 16.338 ng

RT: 13.05 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BF107343.D

Acq: 12 Jul 2018 17:08

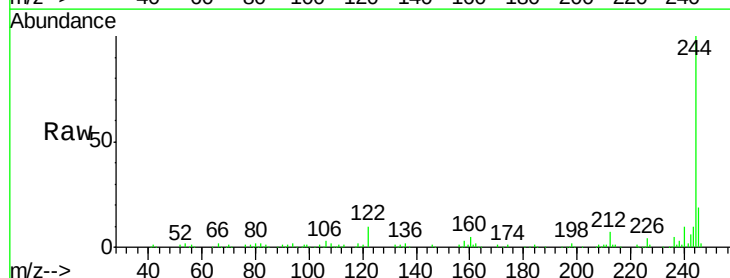
Tgt Ion:244 Resp: 124576

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

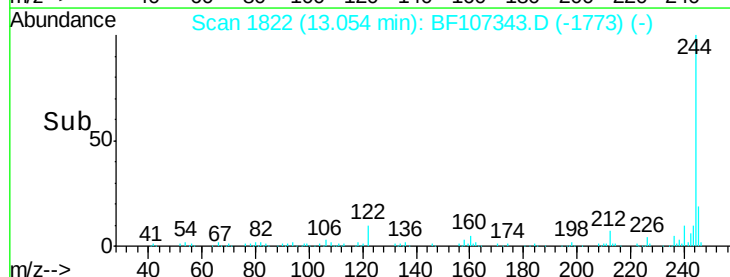
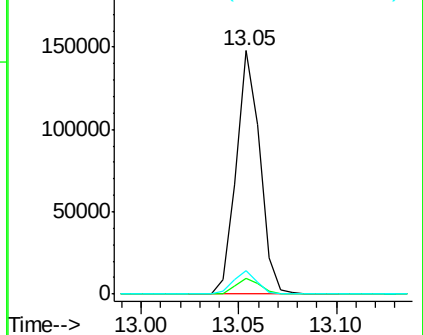
122 9.5 11.0 16.4#

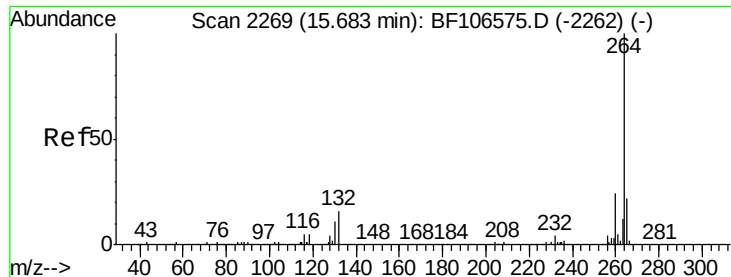


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF107343.D
Acq: 12 Jul 2018 17:08

Instrument :
BNA_F
ClientSampleId :
HD-02-071018

Tgt Ion: 264 Resp: 158120
Ion Ratio Lower Upper
264 100
260 24.4 19.2 28.8
265 22.4 17.5 26.3

