

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071318\
 Data File : BF107383.D
 Acq On : 13 Jul 2018 23:37
 Operator : JU/SJ
 Sample : J3947-19
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NEW-FOOTING-2

Quant Time: Jul 14 01:45:11 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 13 11:54:53 2018
 Response via : Initial Calibration

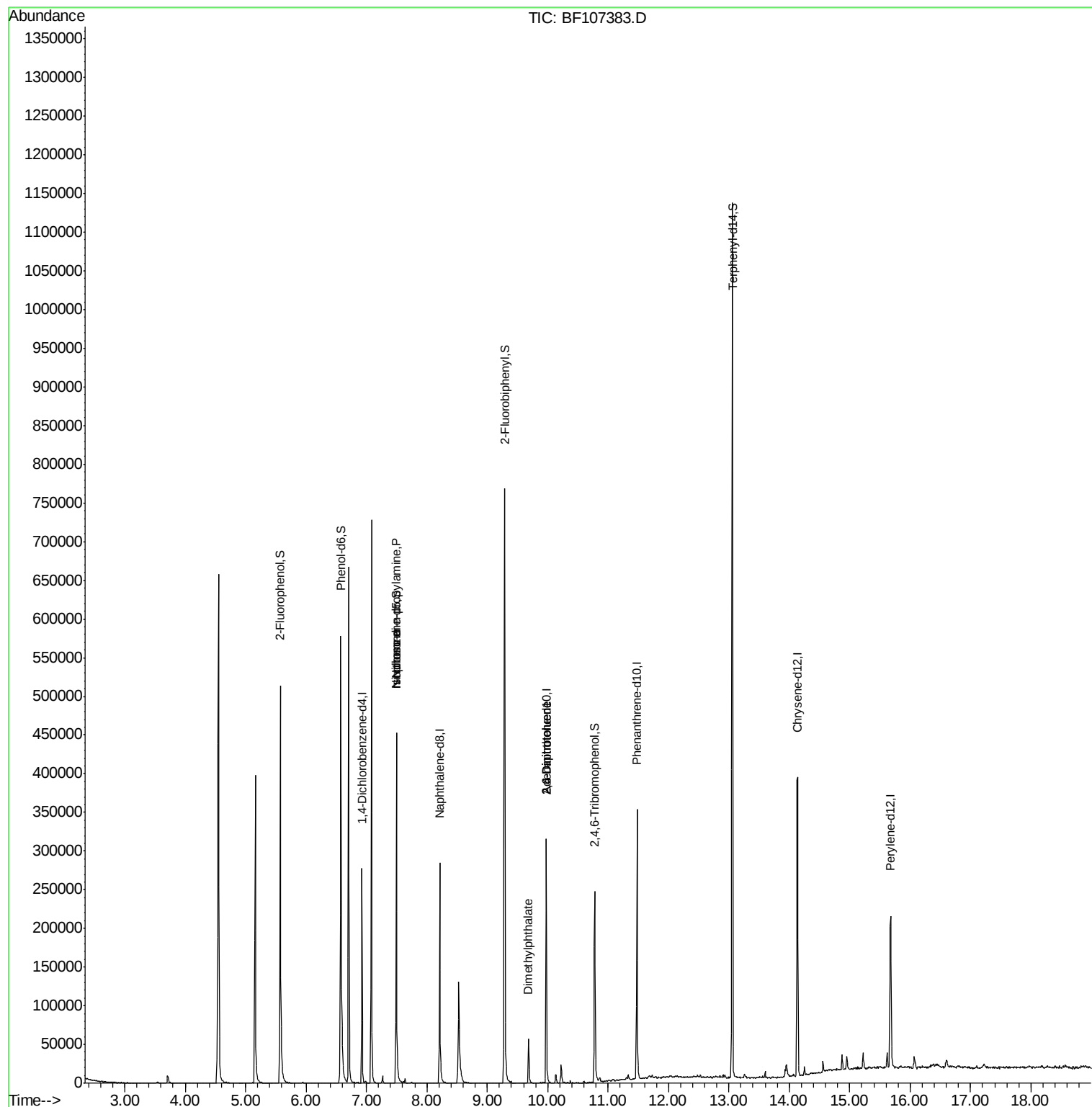
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	45058	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	153577	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	71572	20.00	ng	0.00
63) Phenanthrene-d10	11.48	188	152844	20.00	ng	0.00
75) Chrysene-d12	14.14	240	166705	20.00	ng	0.00
86) Perylene-d12	15.68	264	118762	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	175369	65.91	ng	0.00
7) Phenol-d6	6.57	99	250060	75.25	ng	0.00
23) Nitrobenzene-d5	7.50	82	161805	58.55	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	42024	50.66	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	312368	71.54	ng	0.00
78) Terphenyl-d14	13.06	244	436072	63.36	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.50	70	19813	9.045	ng	# 74
25) Isophorone	7.50	82	161804	33.227	ng	# 64
49) Dimethylphthalate	9.68	163	31597	5.886	ng	98
50) 2,6-Dinitrotoluene	9.98	165	8695	7.649	ng	# 24
56) 2,4-Dinitrotoluene	9.98	165	8695	5.860	ng	# 21

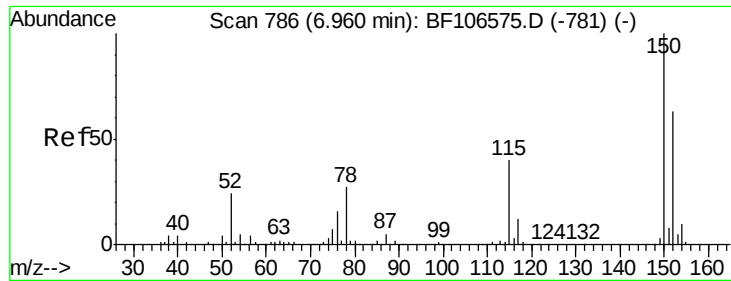
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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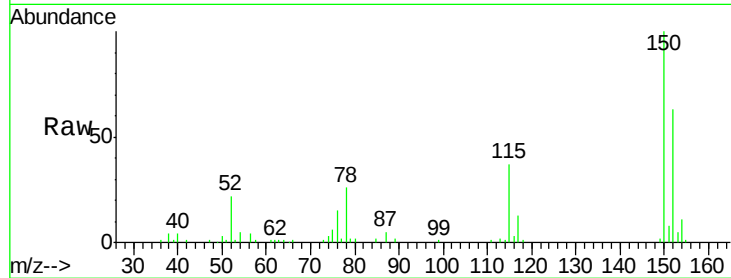




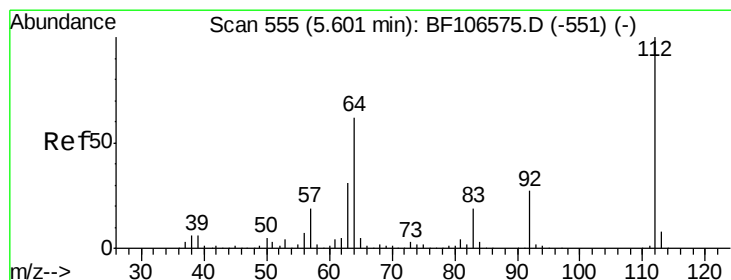
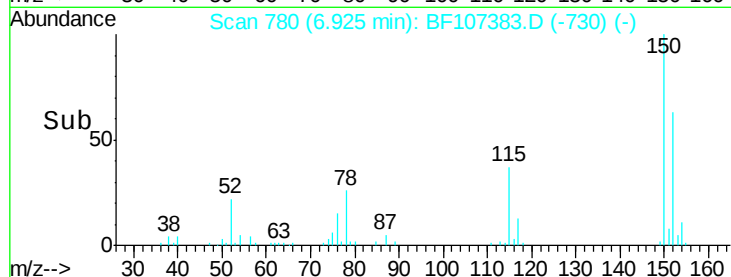
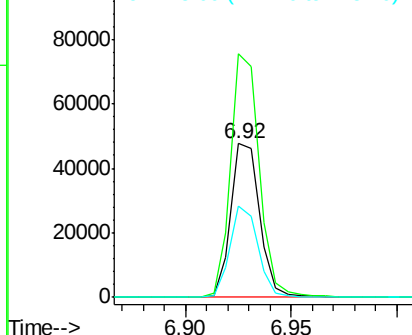
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.92 min Scan# 780
 Delta R.T. -0.01 min
 Lab File: BF107383.D
 Acq: 13 Jul 2018 23:37

Instrument :
 BNA_F
 ClientSampleId :
 NEW-FOOTING-2

Tgt Ion:152 Resp: 45058
 Ion Ratio Lower Upper
 152 100
 150 158.5 124.6 186.8
 115 59.2 50.1 75.1

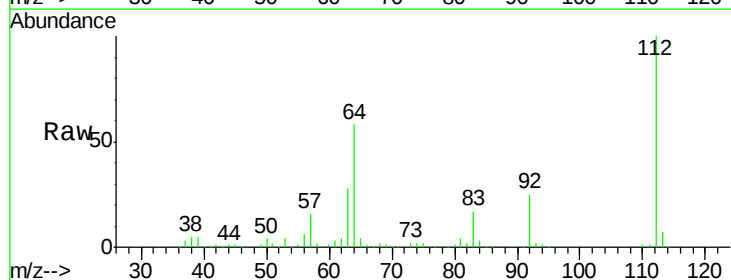


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

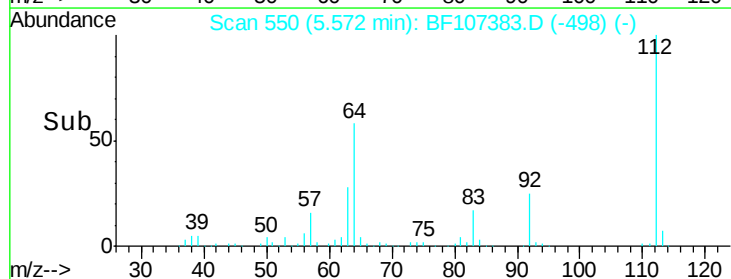
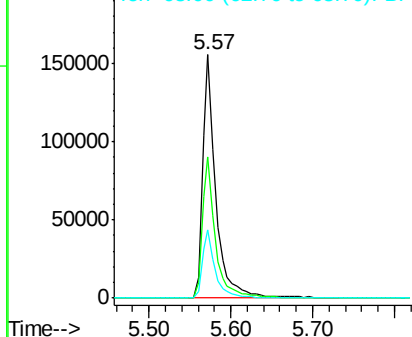


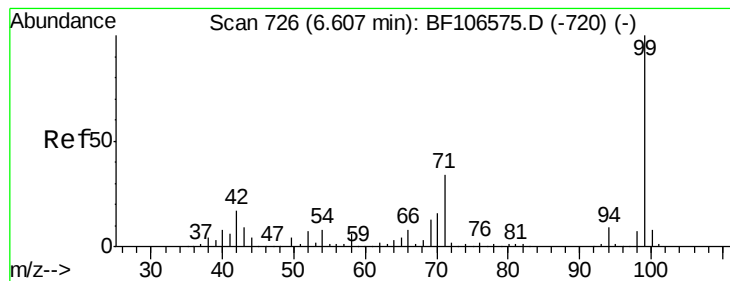
#5
 2-Fluorophenol
 Concen: 65.905 ng
 RT: 5.57 min Scan# 550
 Delta R.T. 0.01 min
 Lab File: BF107383.D
 Acq: 13 Jul 2018 23:37

Tgt Ion:112 Resp: 175369
 Ion Ratio Lower Upper
 112 100
 64 58.0 47.9 71.9
 63 28.1 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: 75.252 ng

RT: 6.57 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF107383.D

Acq: 13 Jul 2018 23:37

Instrument :

BNA_F

ClientSampleId :

NEW-FOOTING-2

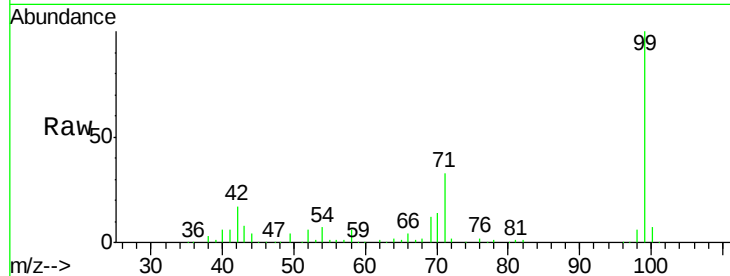
Tgt Ion: 99 Resp: 250060

Ion Ratio Lower Upper

99 100

42 16.6 14.5 21.7

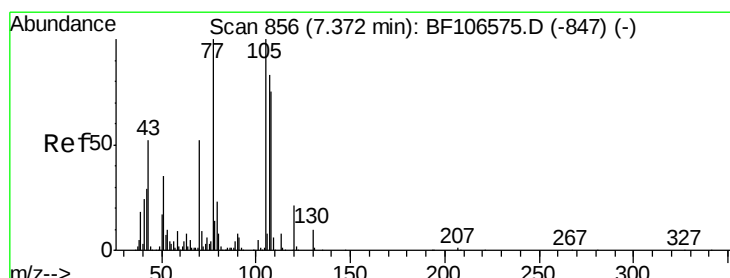
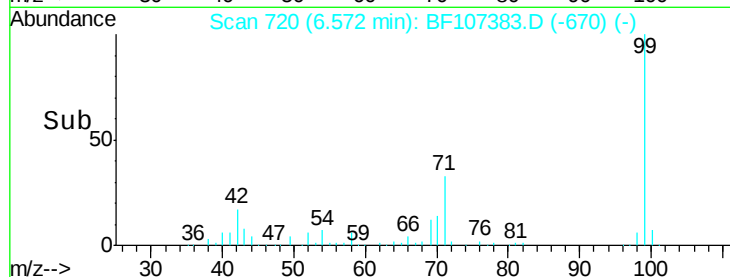
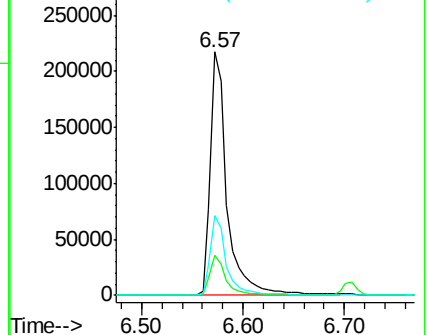
71 32.6 25.4 38.0



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: 9.045 ng

RT: 7.50 min Scan# 877

Delta R.T. 0.15 min

Lab File: BF107383.D

Acq: 13 Jul 2018 23:37

Tgt Ion: 70 Resp: 19813

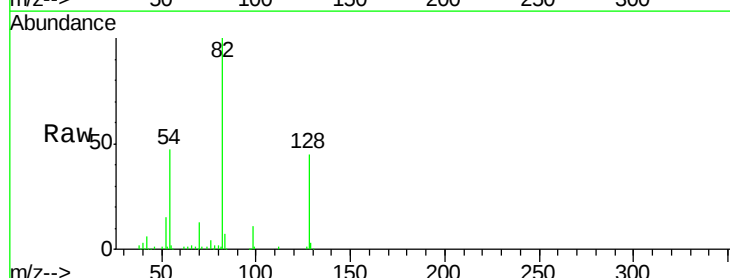
Ion Ratio Lower Upper

70 100

42 42.8 47.5 71.3#

101 0.0 7.4 11.2#

130 2.5 16.6 25.0#

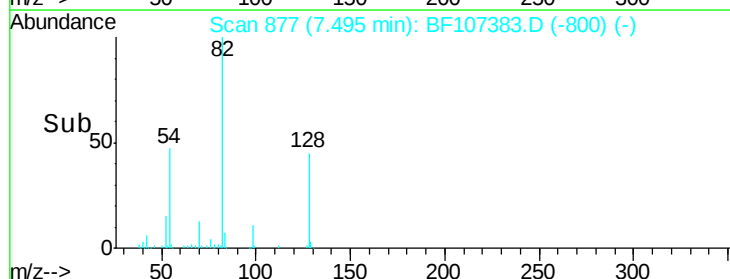
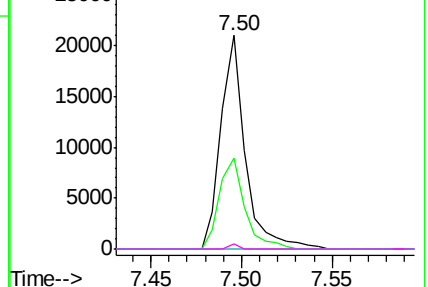


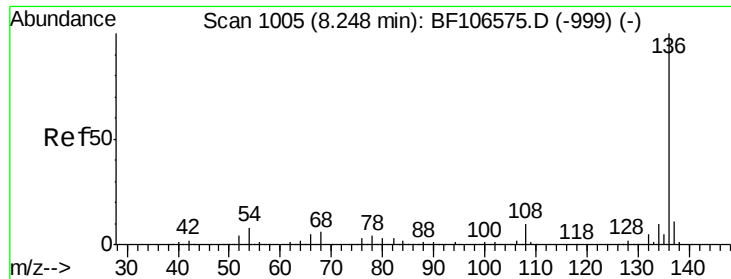
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

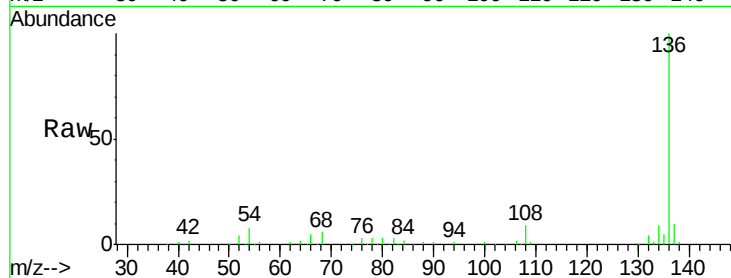




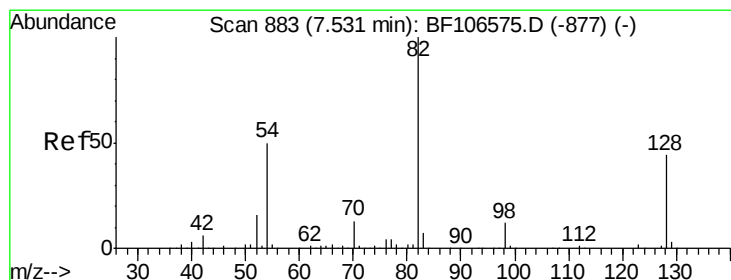
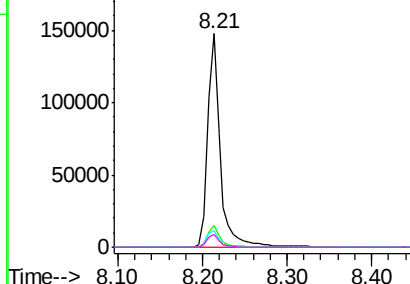
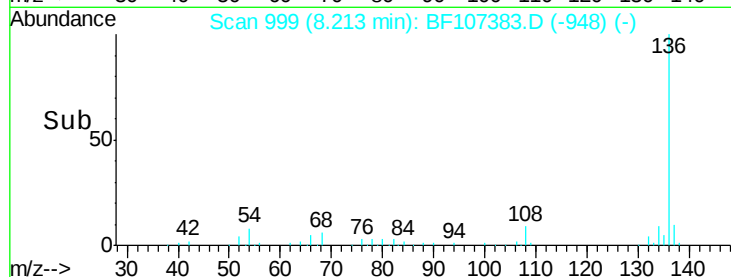
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.21 min Scan# 999
Delta R.T. 0.00 min
Lab File: BF107383.D
Acq: 13 Jul 2018 23:37

Instrument :
BNA_F
ClientSampleId :
NEW-FOOTING-2

Tgt Ion:	136	Resp:	153577
Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.9	13.3
54	7.9	6.6	9.8
68	6.2	5.0	7.4

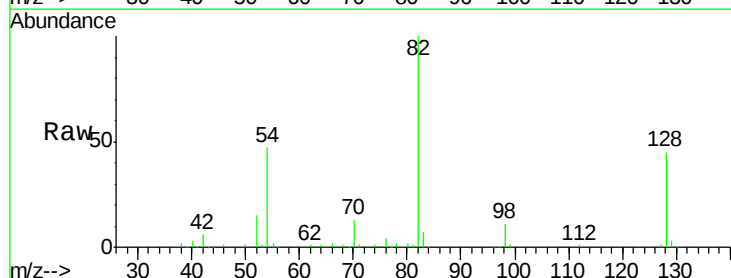


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

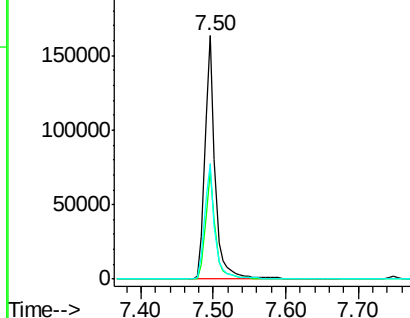
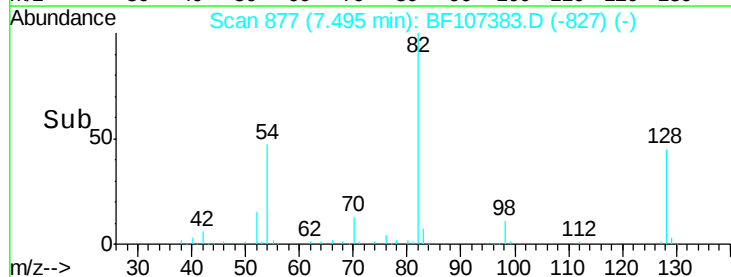


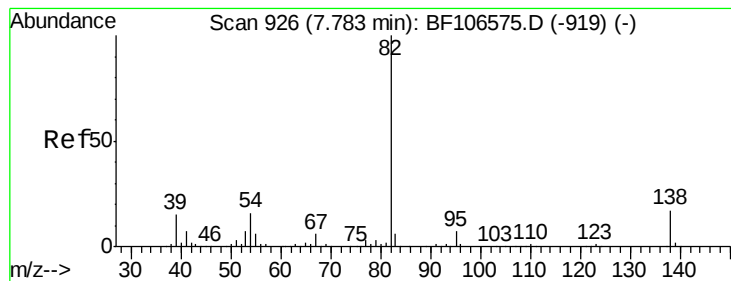
#23
Nitrobenzene-d5
Concen: 58.551 ng
RT: 7.50 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF107383.D
Acq: 13 Jul 2018 23:37

Tgt Ion:	82	Resp:	161805
Ion	Ratio	Lower	Upper
82	100		
128	44.5	36.1	54.1
54	47.5	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: 33.227 ng

RT: 7.50 min Scan# 877

Delta R.T. -0.26 min

Lab File: BF107383.D

Acq: 13 Jul 2018 23:37

Instrument :

BNA_F

ClientSampleId :

NEW-FOOTING-2

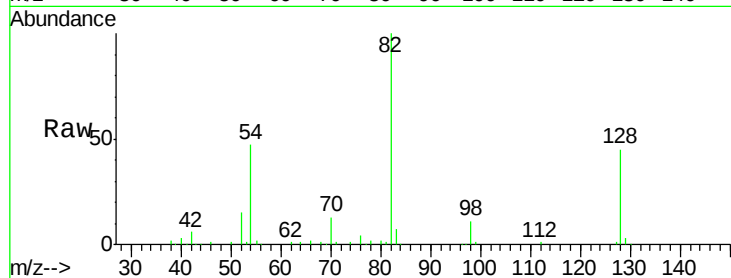
Tgt Ion: 82 Resp: 161804

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

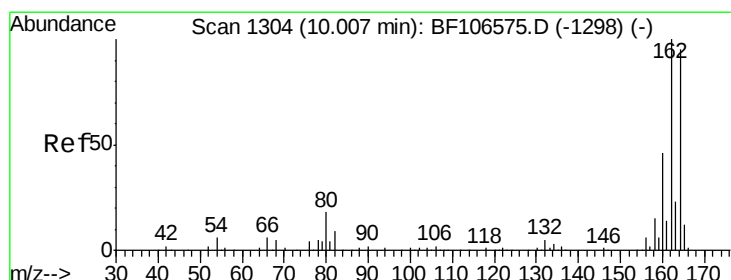
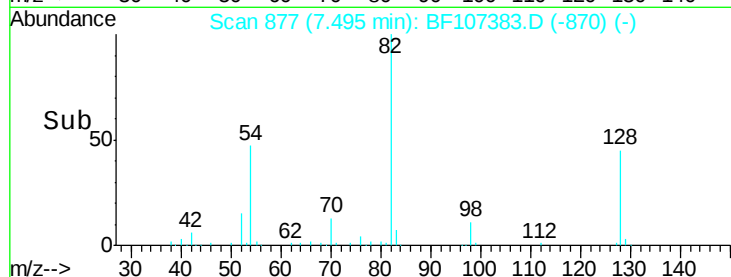
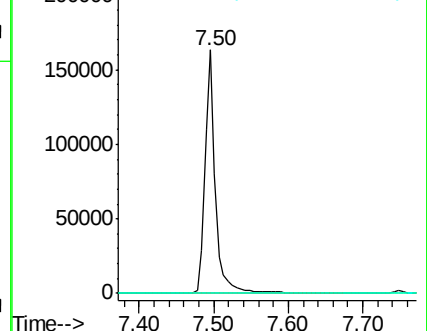
138 0.0 14.9 22.3#



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. 0.00 min

Lab File: BF107383.D

Acq: 13 Jul 2018 23:37

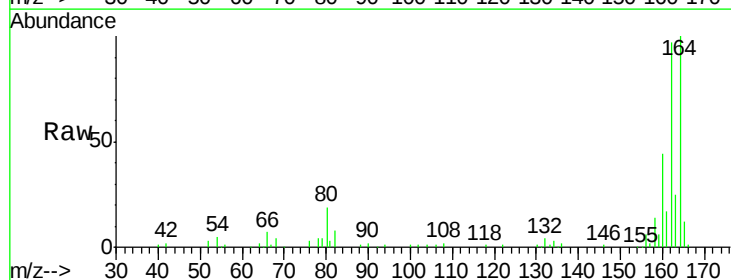
Tgt Ion: 164 Resp: 71572

Ion Ratio Lower Upper

164 100

162 96.9 86.1 129.1

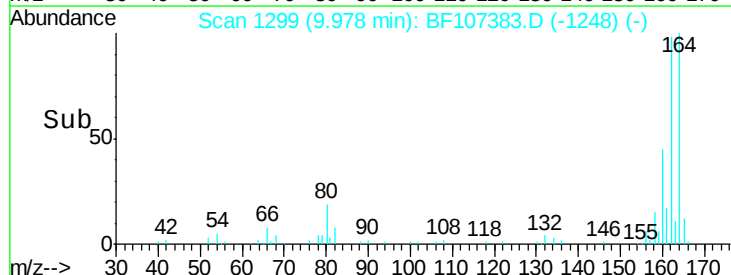
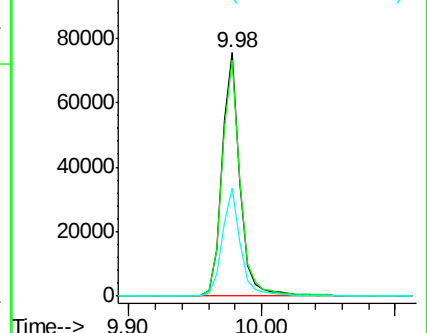
160 44.3 38.3 57.5

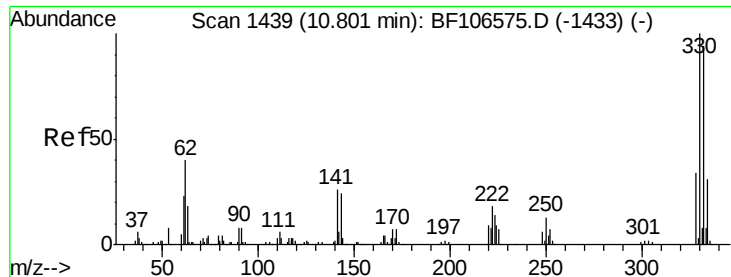


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

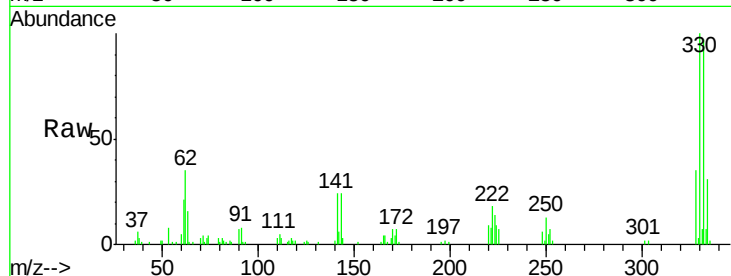




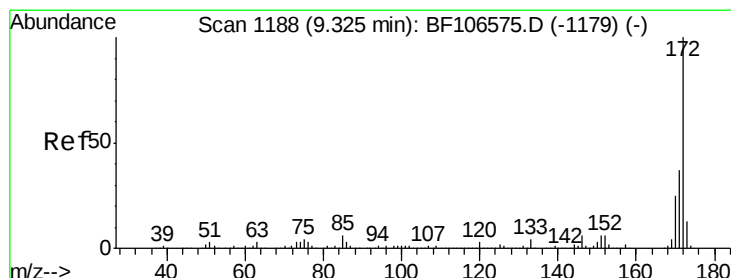
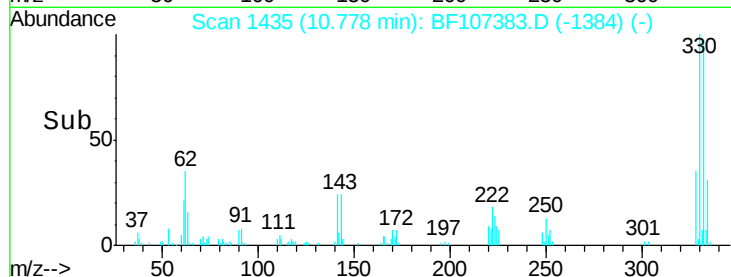
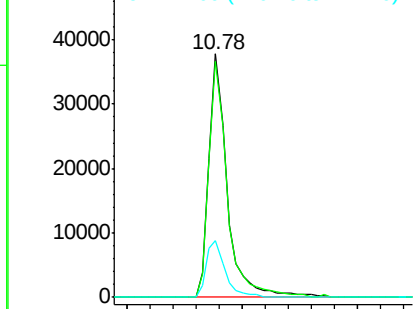
#41
 2,4,6-Tribromophenol
 Concen: 50.659 ng
 RT: 10.78 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BF107383.D
 Acq: 13 Jul 2018 23:37

Instrument :
 BNA_F
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 NEW-FOOTING-2

Tgt Ion:330 Resp: 42024
 Ion Ratio Lower Upper
 330 100
 332 97.6 77.0 115.6
 141 24.0 29.9 44.9#

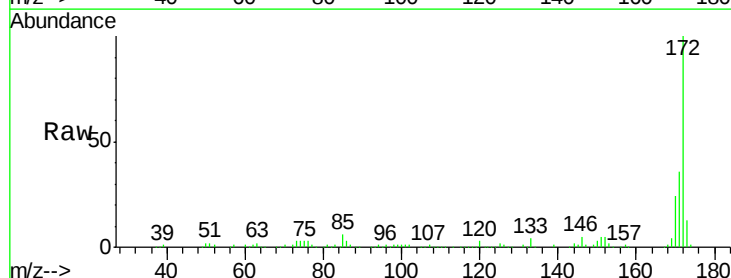


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

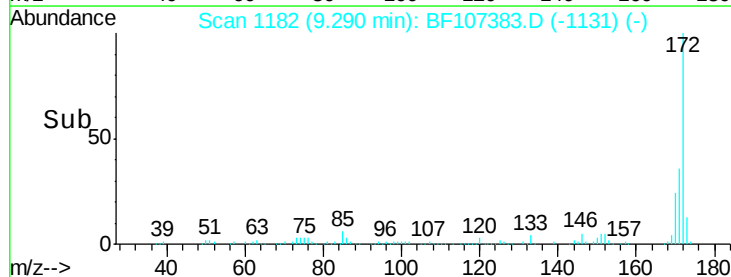
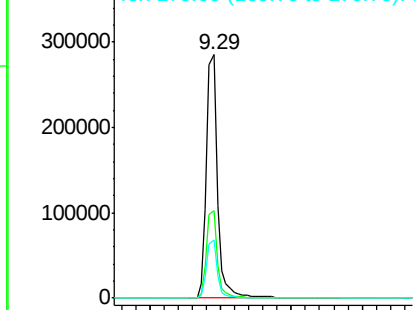


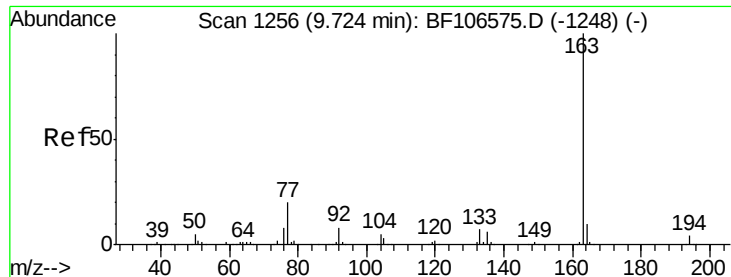
#44
 2-Fluorobiphenyl
 Concen: 71.536 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF107383.D
 Acq: 13 Jul 2018 23:37

Tgt Ion:172 Resp: 312368
 Ion Ratio Lower Upper
 172 100
 171 35.9 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

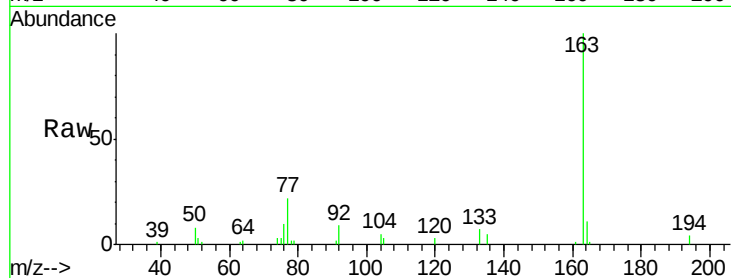




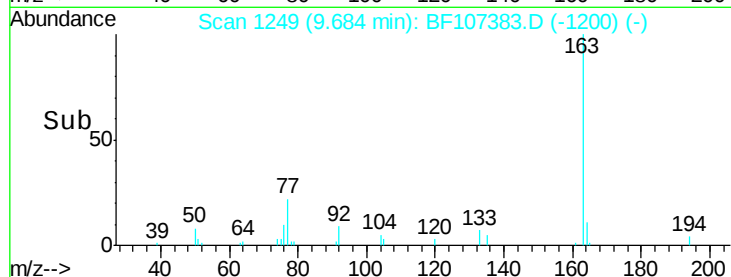
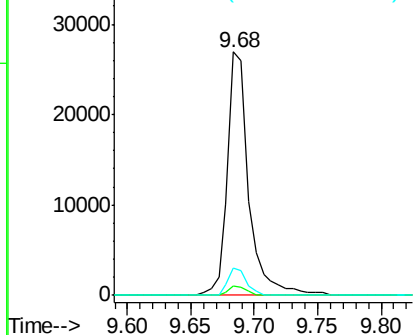
#49
Dimethylphthalate
Concen: 5.886 ng
RT: 9.68 min Scan# 1249
Delta R.T. -0.01 min
Lab File: BF107383.D
Acq: 13 Jul 2018 23:37

Instrument :
BNA_F
ClientSampleId :
NEW-FOOTING-2

Tgt Ion:163 Resp: 31597
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 11.1 8.2 12.2

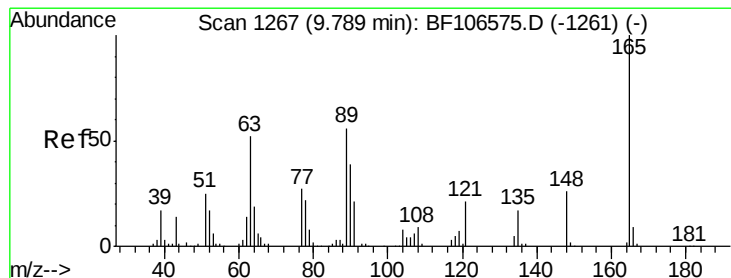


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

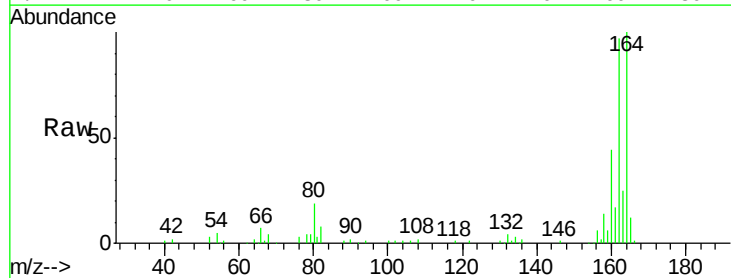
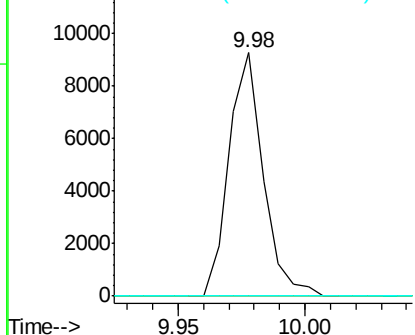


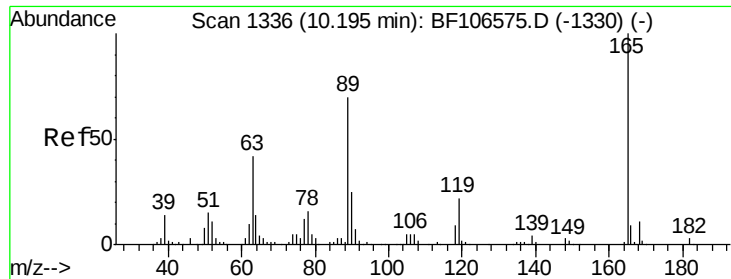
#50
2,6-Dinitrotoluene
Concen: 7.649 ng
RT: 9.98 min Scan# 1299
Delta R.T. 0.21 min
Lab File: BF107383.D
Acq: 13 Jul 2018 23:37

Tgt Ion:165 Resp: 8695
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

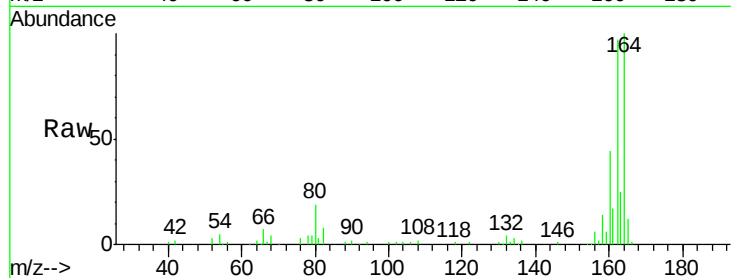




#56
2,4-Dinitrotoluene
Concen: 5.860 ng
RT: 9.98 min Scan# 1299
Delta R.T. -0.21 min
Lab File: BF107383.D
Acq: 13 Jul 2018 23:37

Instrument :
BNA_F
ClientSampleId :
NEW-FOOTING-2

Tgt Ion:	165	Resp:	8695
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#

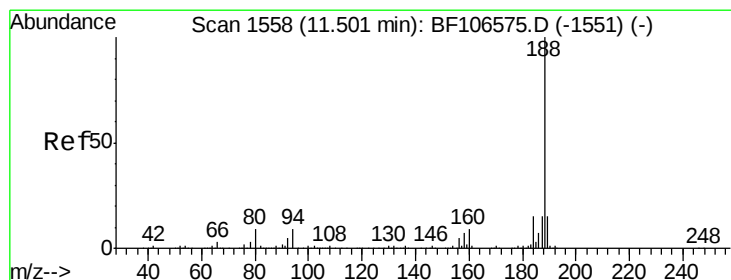
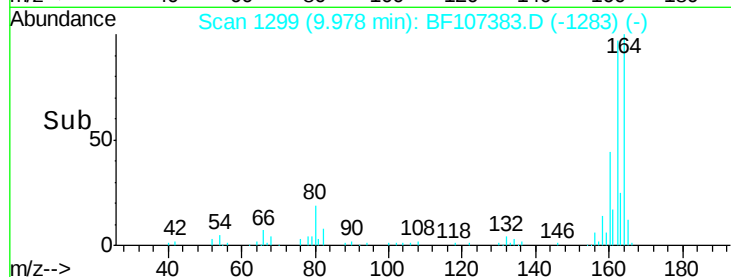
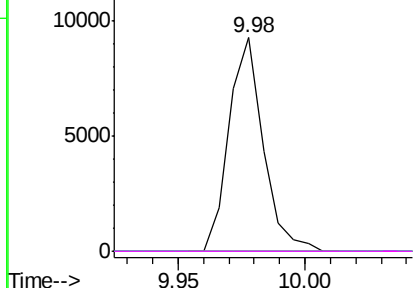


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

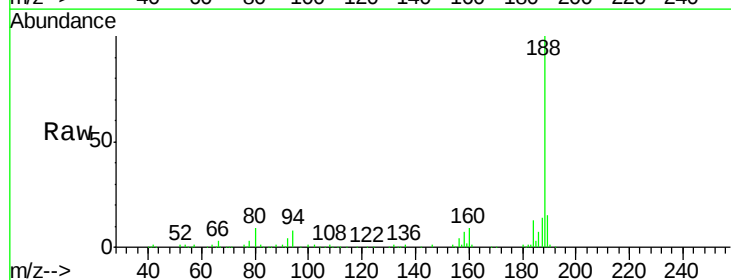
Ion 89.00 (88.70 to 89.70): BF1

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: BF107383.D
Acq: 13 Jul 2018 23:37

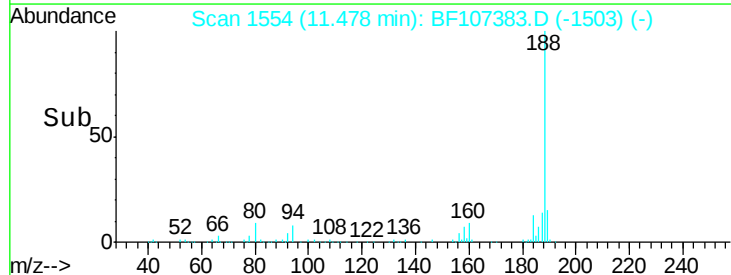
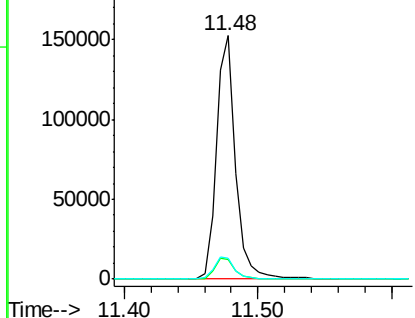
Tgt Ion:	188	Resp:	152844
Ion	Ratio	Lower	Upper
188	100		
94	8.2	8.5	12.7#
80	8.8	9.2	13.8#

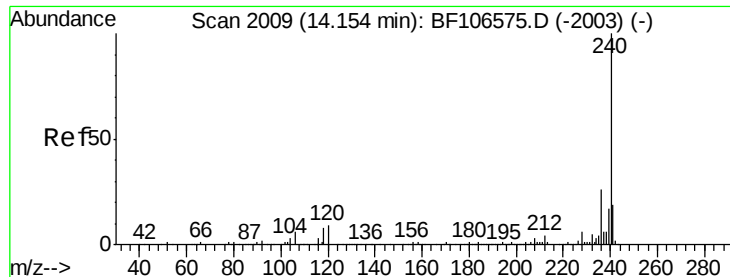


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2006

Delta R.T. 0.00 min

Lab File: BF107383.D

Acq: 13 Jul 2018 23:37

Instrument :

BNA_F

ClientSampleId :

NEW-FOOTING-2

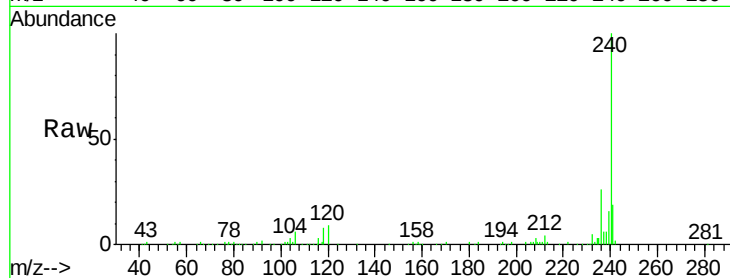
Tgt Ion:240 Resp: 166705

Ion Ratio Lower Upper

240 100

120 8.7 9.5 14.3#

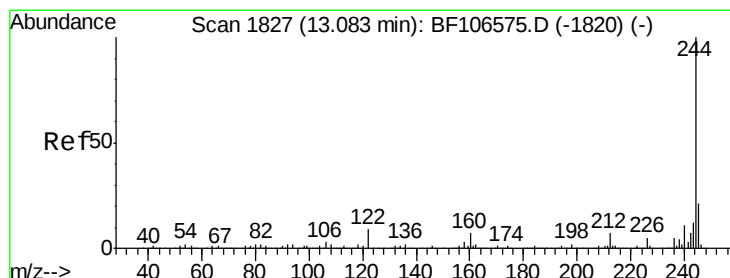
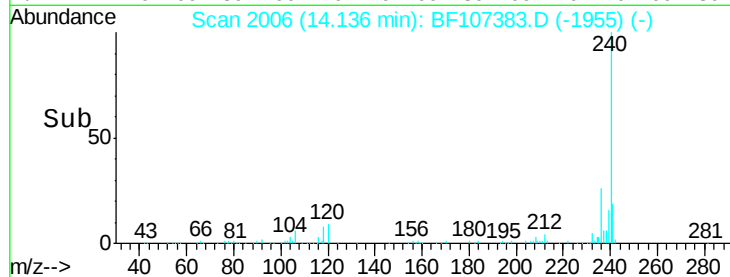
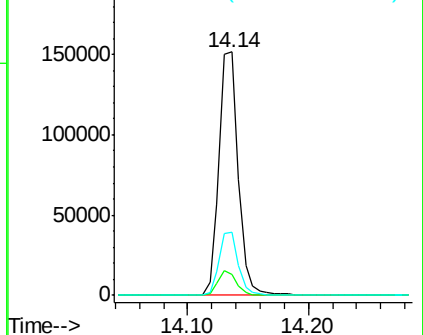
236 26.2 20.7 31.1



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: 63.363 ng

RT: 13.06 min Scan# 1823

Delta R.T. 0.00 min

Lab File: BF107383.D

Acq: 13 Jul 2018 23:37

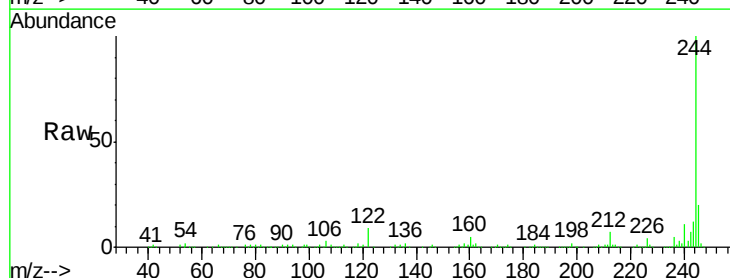
Tgt Ion:244 Resp: 436072

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

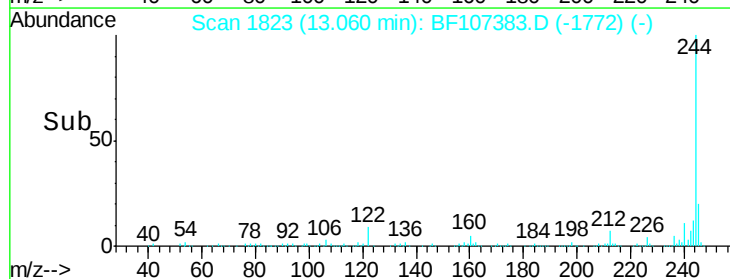
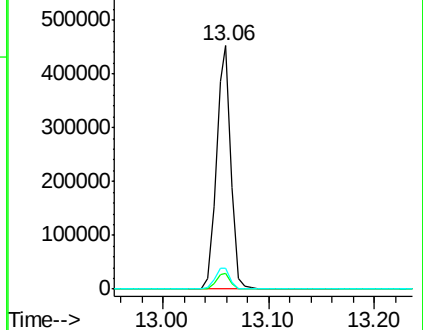
122 8.6 11.0 16.4#

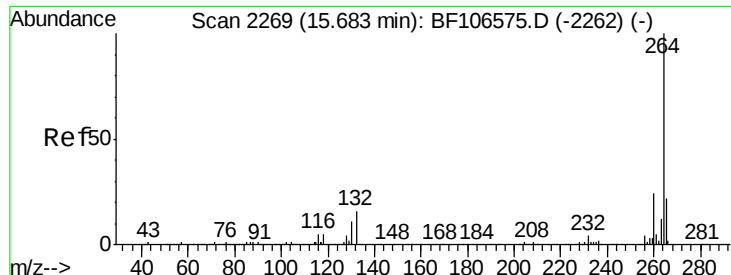


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

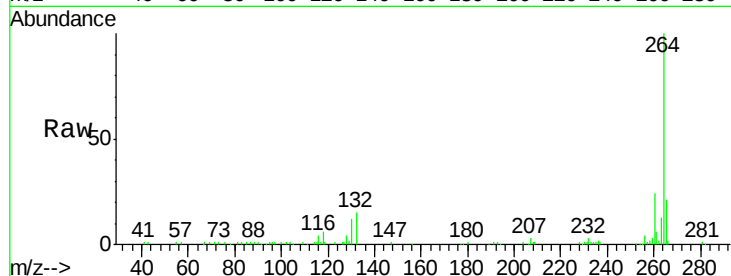




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. 0.01 min
Lab File: BF107383.D
Acq: 13 Jul 2018 23:37

Instrument :
BNA_F
ClientSampleId :
NEW-FOOTING-2

Tgt Ion: 264 Resp: 118762
Ion Ratio Lower Upper
264 100
260 23.7 19.2 28.8
265 21.5 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

