

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071318\
 Data File : BF107382.D
 Acq On : 13 Jul 2018 22:48
 Operator : JU/SJ
 Sample : J3947-17
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NEW-FOOTING-1

Quant Time: Jul 14 01:45:00 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

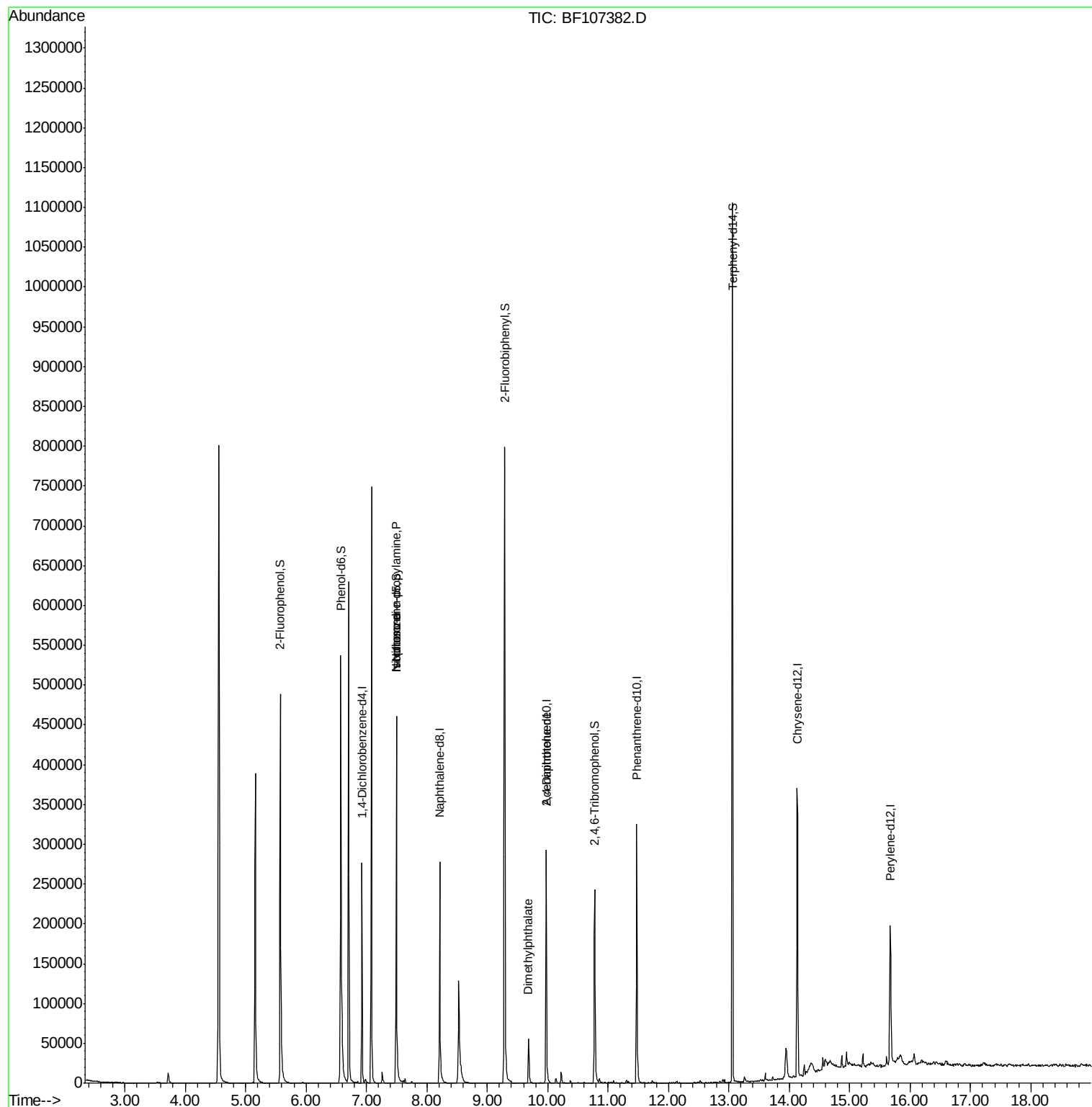
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	44352	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	149982	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	70795	20.00	ng	0.00
63) Phenanthrene-d10	11.47	188	153170	20.00	ng	0.00
75) Chrysene-d12	14.13	240	143318	20.00	ng	0.00
86) Perylene-d12	15.67	264	99591	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	168735	64.42	ng	0.00
7) Phenol-d6	6.57	99	240450	73.51	ng	0.00
23) Nitrobenzene-d5	7.50	82	164901	61.10	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	42601	51.92	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	323006	75.59	ng	0.00
78) Terphenyl-d14	13.06	244	453762	76.69	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.50	70	21408	9.929	ng	# 72
25) Isophorone	7.50	82	164899	34.674	ng	# 64
49) Dimethylphthalate	9.68	163	32177	6.060	ng	# 95
56) 2,4-Dinitrotoluene	9.98	165	8364	5.699	ng	# 21

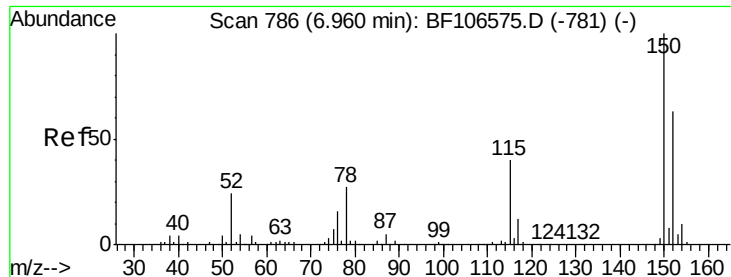
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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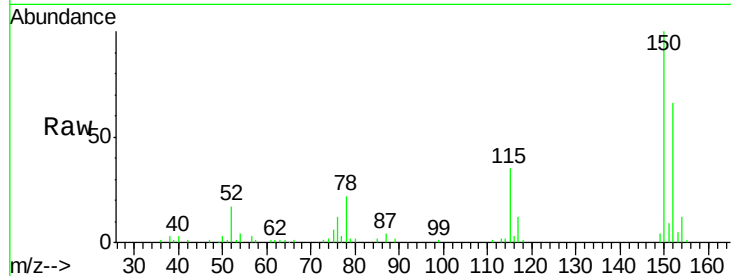


#1

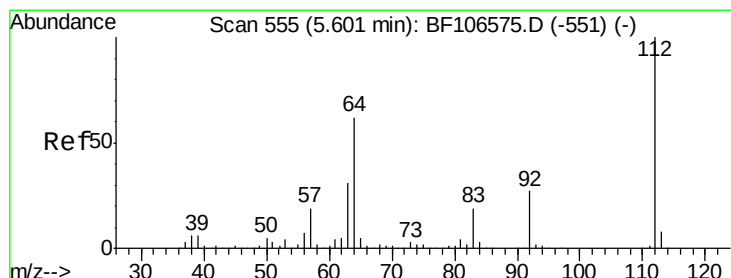
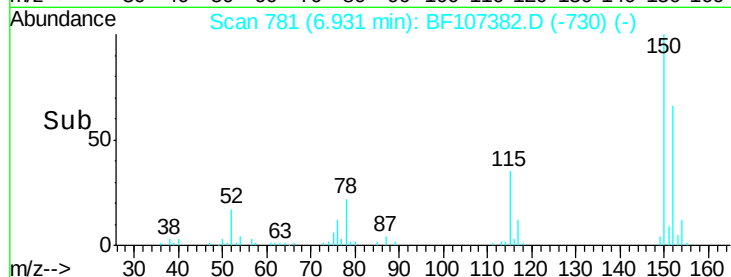
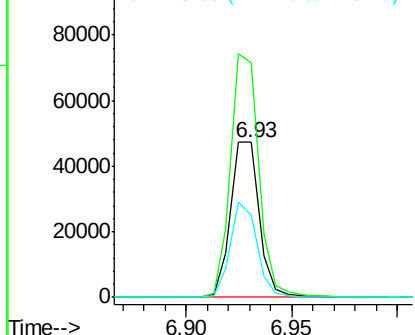
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 781
Delta R.T. 0.00 min
Lab File: BF107382.D
Acq: 13 Jul 2018 22:48

Instrument :
BNA_F
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NEW-FOOTING-1

Tgt Ion:152 Resp: 44352
Ion Ratio Lower Upper
152 100
150 151.3 124.6 186.8
115 52.8 50.1 75.1



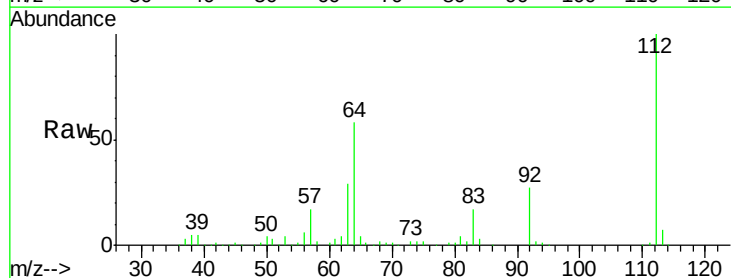
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



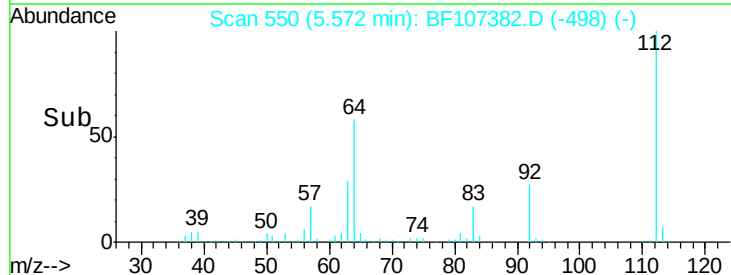
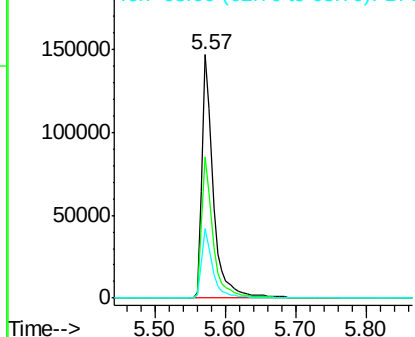
#5

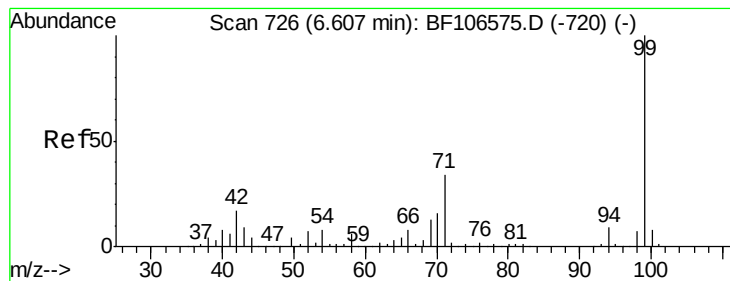
2-Fluorophenol
Concen: 64.421 ng
RT: 5.57 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF107382.D
Acq: 13 Jul 2018 22:48

Tgt Ion:112 Resp: 168735
Ion Ratio Lower Upper
112 100
64 58.2 47.9 71.9
63 28.6 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: 73.511 ng

RT: 6.57 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF107382.D

Acq: 13 Jul 2018 22:48

Instrument :

BNA_F

ClientSampleId :

NEW-FOOTING-1

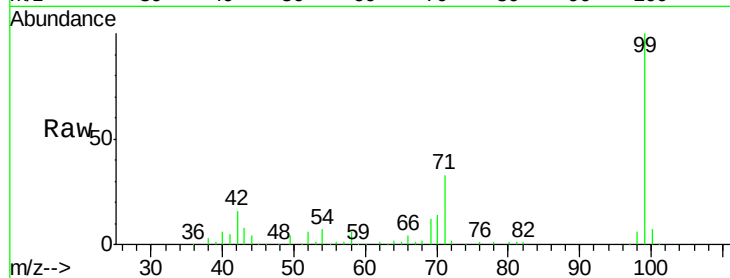
Tgt Ion: 99 Resp: 240450

Ion Ratio Lower Upper

99 100

42 16.1 14.5 21.7

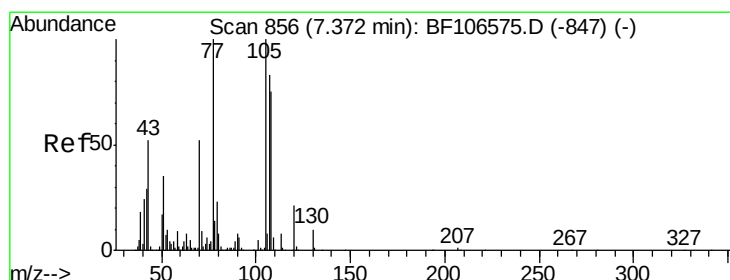
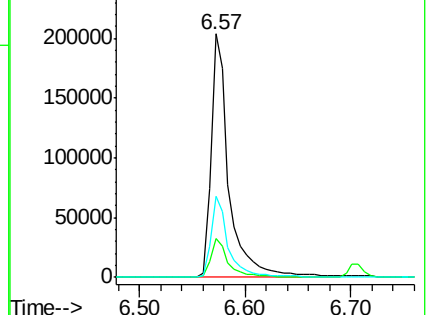
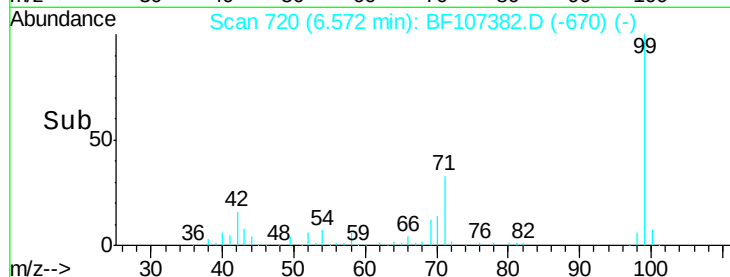
71 33.2 25.4 38.0



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: 9.929 ng

RT: 7.50 min Scan# 877

Delta R.T. 0.15 min

Lab File: BF107382.D

Acq: 13 Jul 2018 22:48

Tgt Ion: 70 Resp: 21408

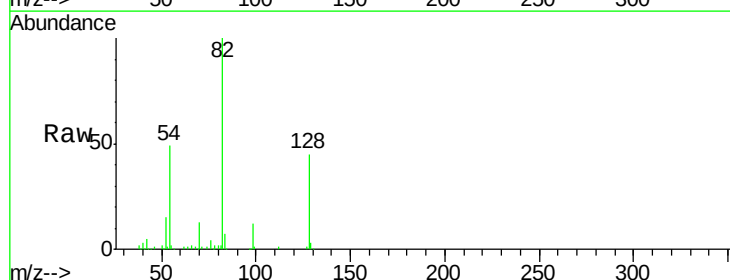
Ion Ratio Lower Upper

70 100

42 40.9 47.5 71.3#

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#

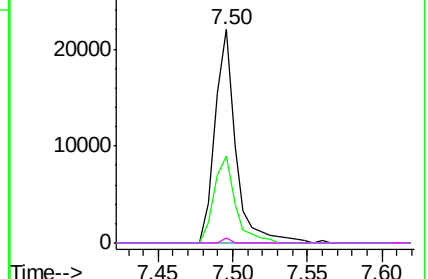
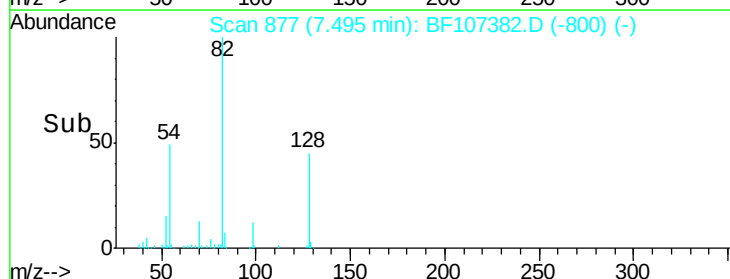


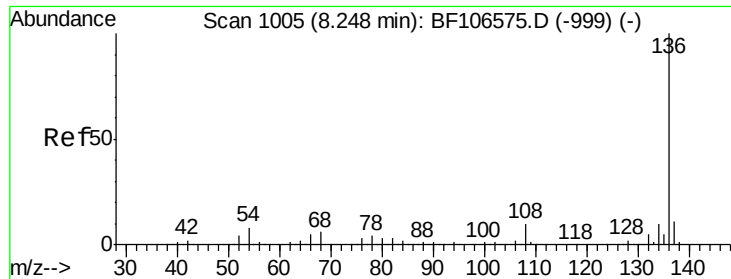
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

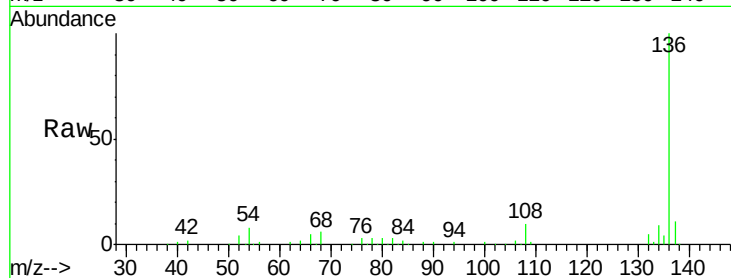




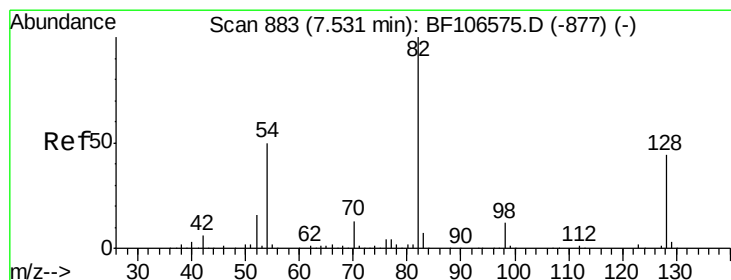
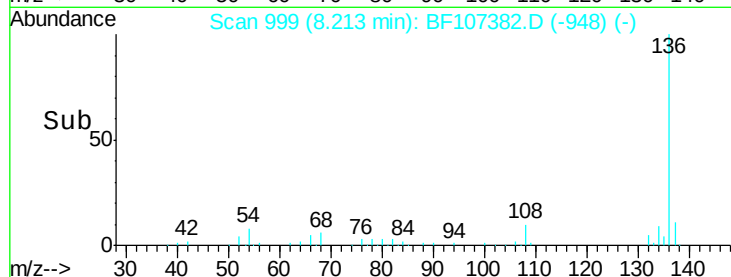
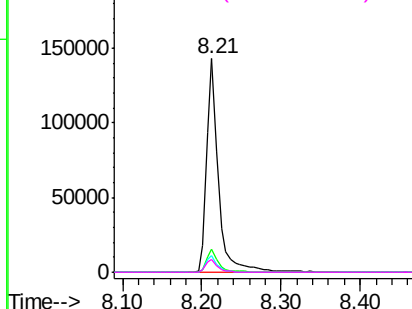
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.21 min Scan# 999
Delta R.T. 0.00 min
Lab File: BF107382.D
Acq: 13 Jul 2018 22:48

Instrument :
BNA_F
ClientSampleId :
NEW-FOOTING-1

Tgt Ion:	136	Resp:	149982
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.7	6.6	9.8
68	6.3	5.0	7.4

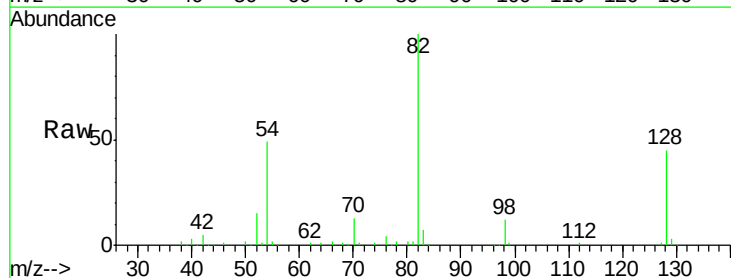


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

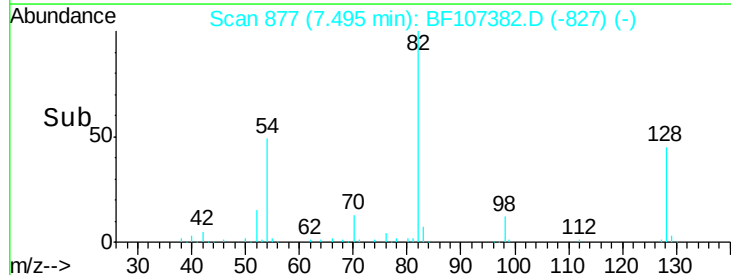
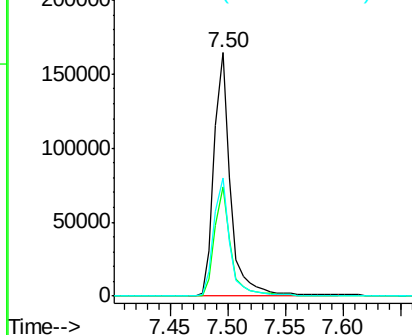


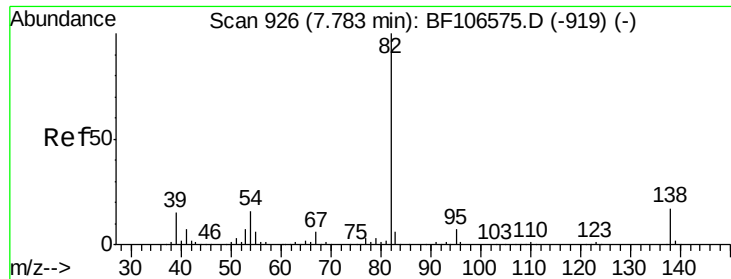
#23
Nitrobenzene-d5
Concen: 61.102 ng
RT: 7.50 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF107382.D
Acq: 13 Jul 2018 22:48

Tgt Ion:	82	Resp:	164901
Ion	Ratio	Lower	Upper
82	100		
128	44.9	36.1	54.1
54	48.6	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

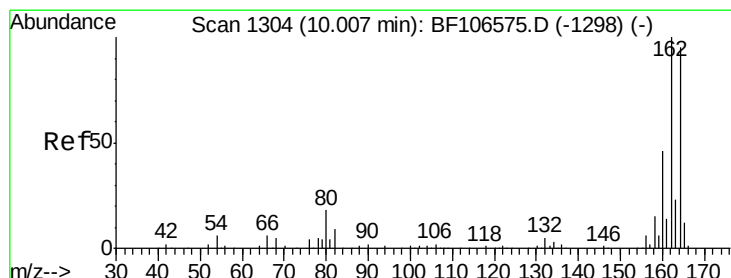
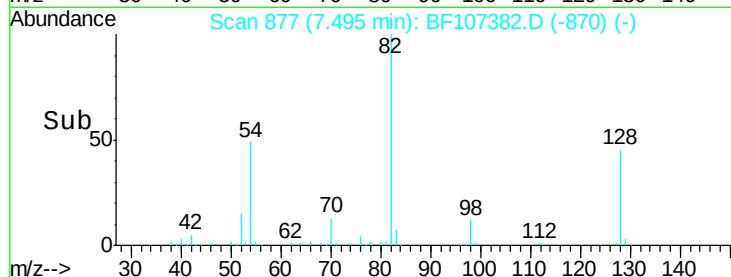
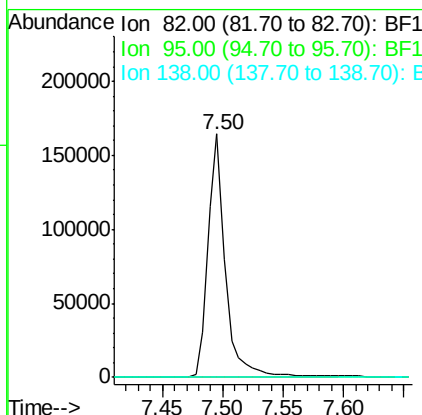
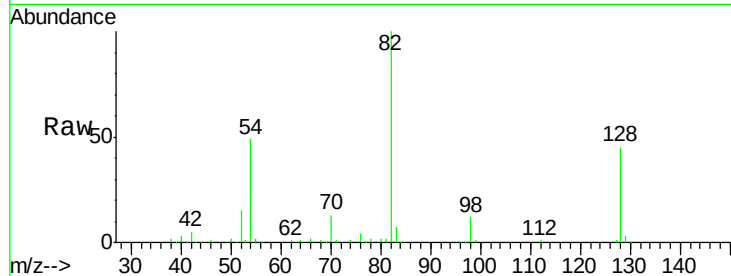




#25
Isophorone
Concen: 34.674 ng
RT: 7.50 min Scan# 877
Delta R.T. -0.26 min
Lab File: BF107382.D
Acq: 13 Jul 2018 22:48

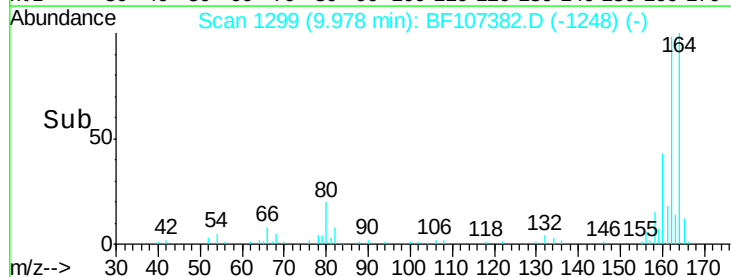
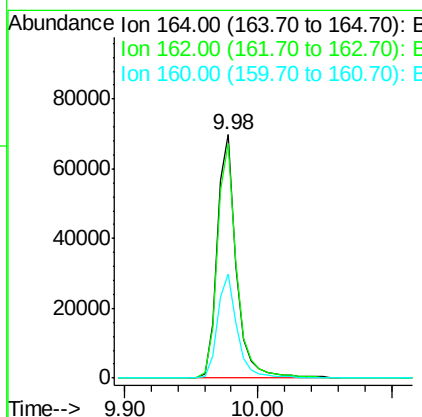
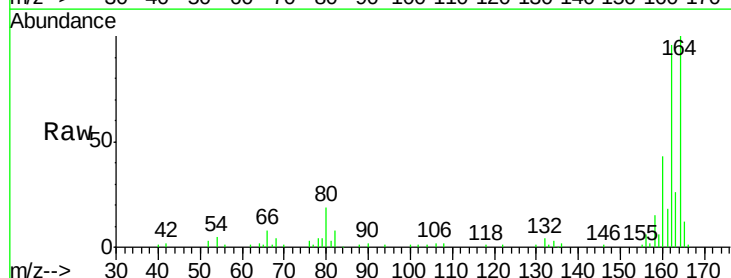
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NEW-FOOTING-1

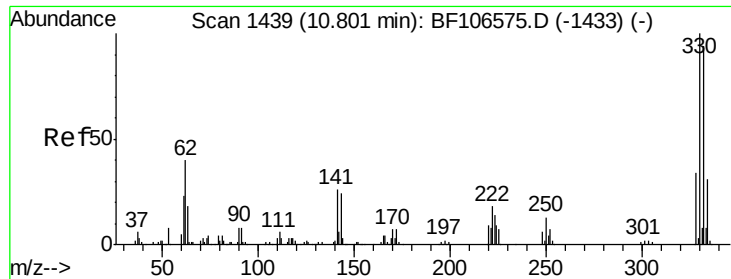
Tgt Ion: 82 Resp: 164899
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BF107382.D
Acq: 13 Jul 2018 22:48

Tgt Ion: 164 Resp: 70795
Ion Ratio Lower Upper
164 100
162 96.3 86.1 129.1
160 42.6 38.3 57.5

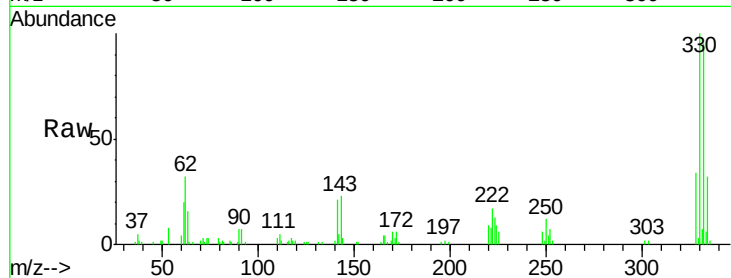




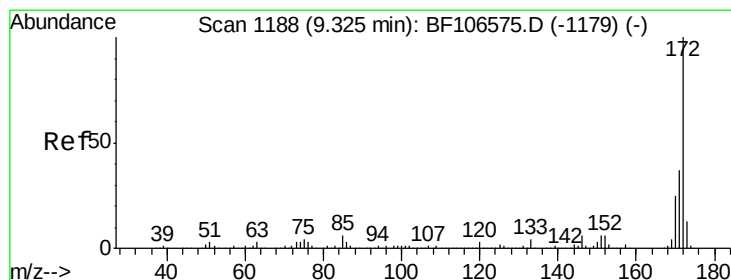
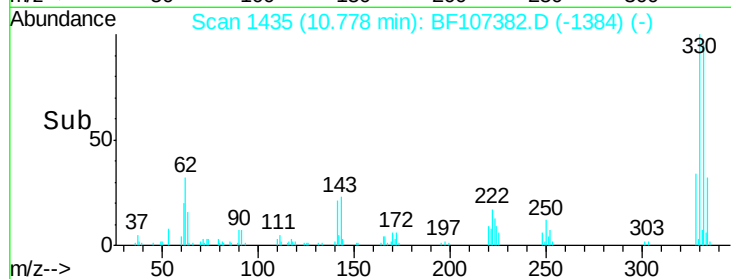
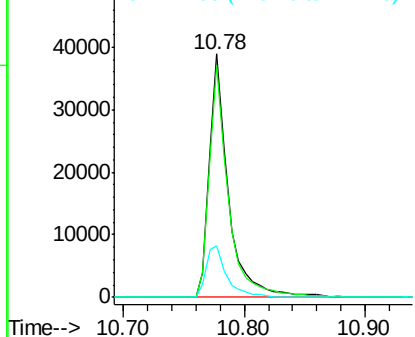
#41
 2,4,6-Tribromophenol
 Concen: 51.919 ng
 RT: 10.78 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BF107382.D
 Acq: 13 Jul 2018 22:48

Instrument :
 BNA_F
 ClientSampleId :
 NEW-FOOTING-1

Tgt Ion:330 Resp: 42601
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.0 115.6
 141 23.0 29.9 44.9#

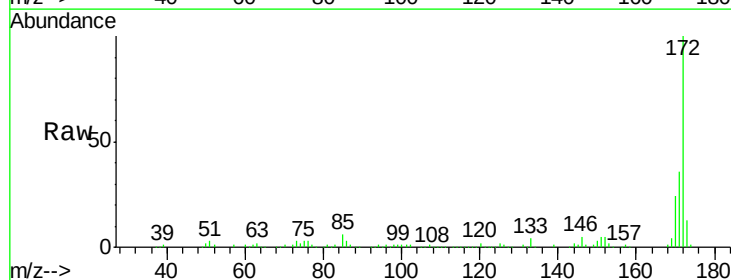


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

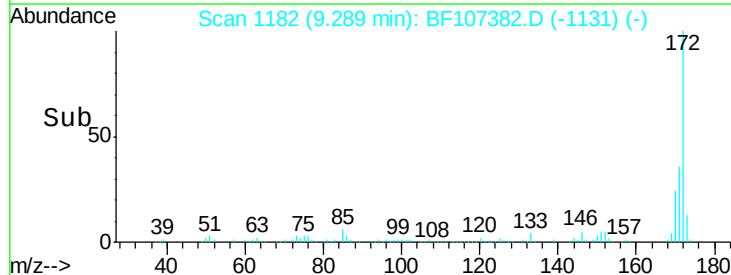
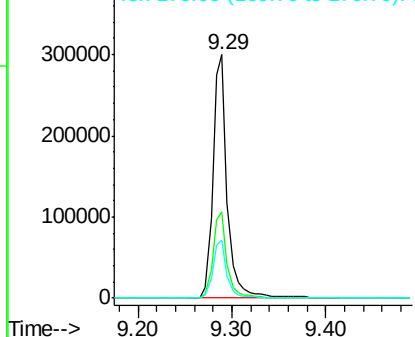


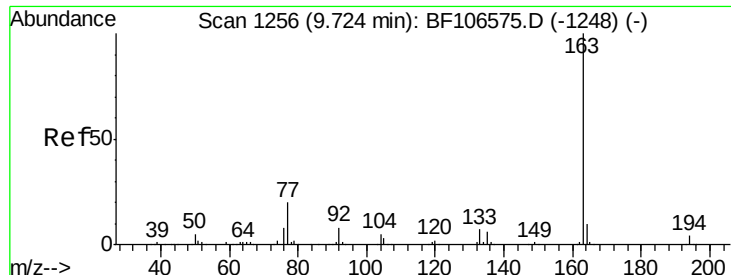
#44
 2-Fluorobiphenyl
 Concen: 75.595 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF107382.D
 Acq: 13 Jul 2018 22:48

Tgt Ion:172 Resp: 323006
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.7 44.5
 170 23.7 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

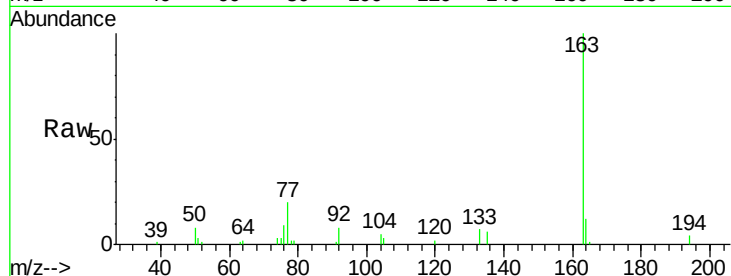




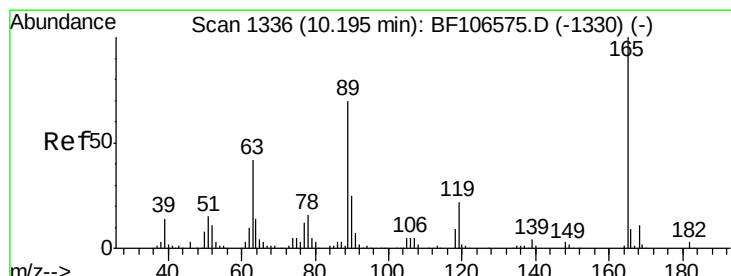
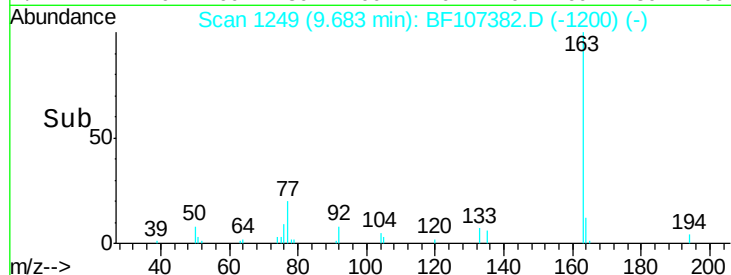
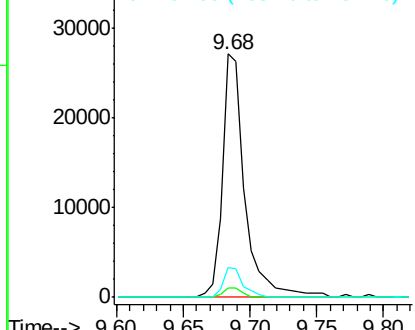
#49
Dimethylphthalate
Concen: 6.060 ng
RT: 9.68 min Scan# 1249
Delta R.T. -0.01 min
Lab File: BF107382.D
Acq: 13 Jul 2018 22:48

Instrument :
BNA_F
ClientSampleId :
NEW-FOOTING-1

Tgt Ion:163 Resp: 32177
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 12.3 8.2 12.2#

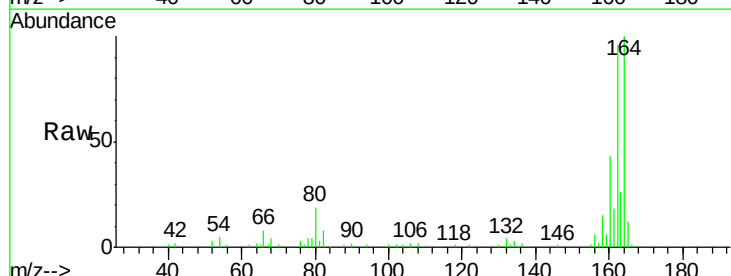


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

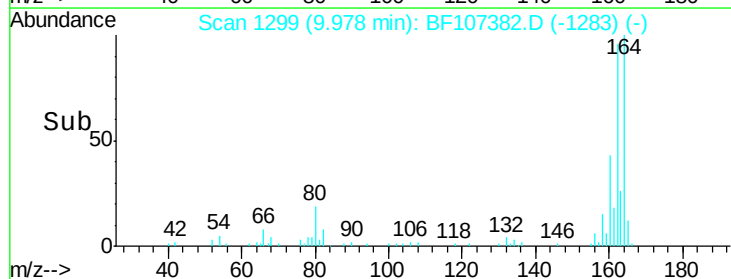
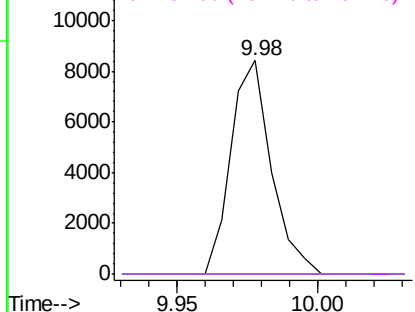


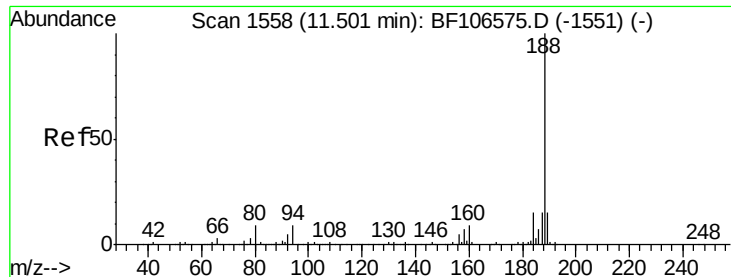
#56
2,4-Dinitrotoluene
Concen: 5.699 ng
RT: 9.98 min Scan# 1299
Delta R.T. -0.21 min
Lab File: BF107382.D
Acq: 13 Jul 2018 22:48

Tgt Ion:165 Resp: 8364
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

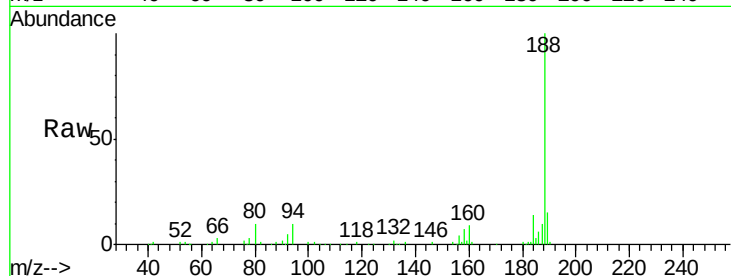




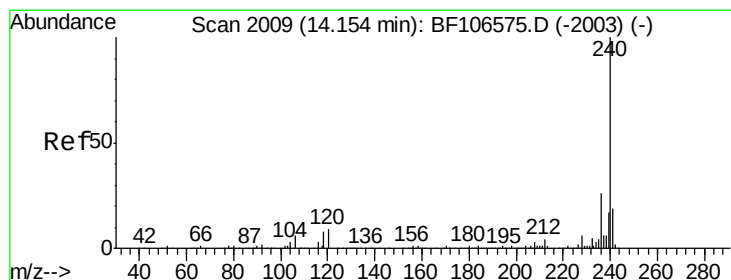
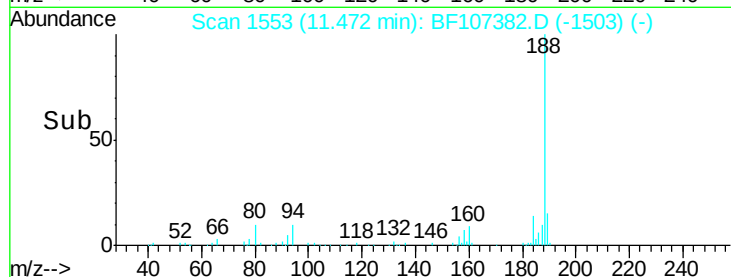
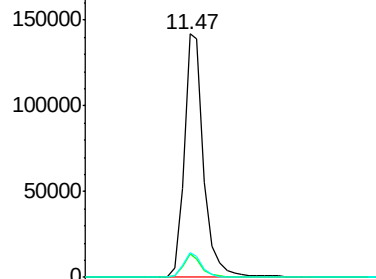
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1553
Delta R.T. -0.01 min
Lab File: BF107382.D
Acq: 13 Jul 2018 22:48

Instrument :
BNA_F
ClientSampleId :
NEW-FOOTING-1

Tgt Ion:188 Resp: 153170
Ion Ratio Lower Upper
188 100
94 9.8 8.5 12.7
80 10.0 9.2 13.8

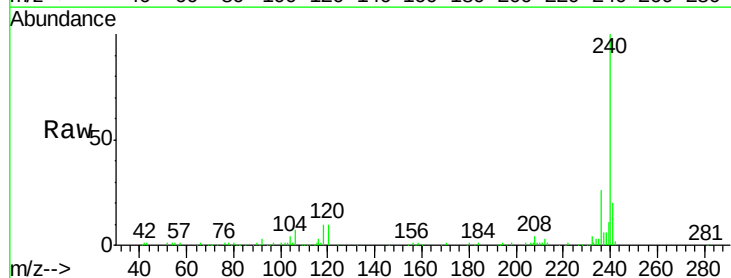


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

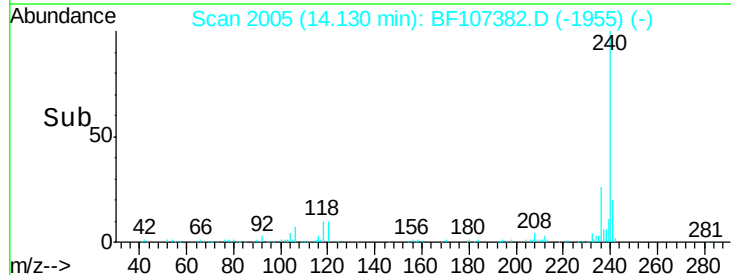
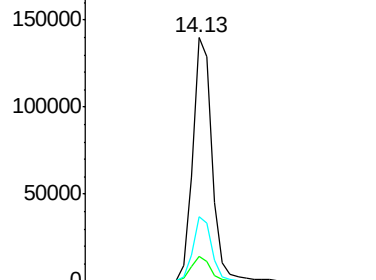


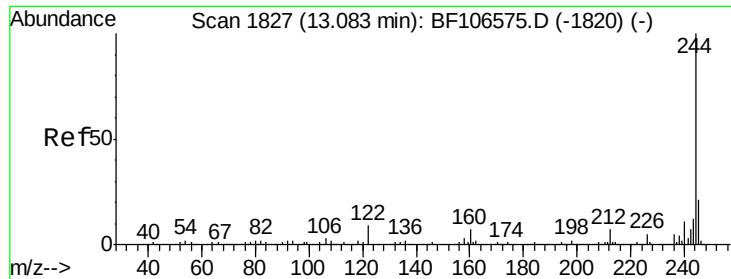
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF107382.D
Acq: 13 Jul 2018 22:48

Tgt Ion:240 Resp: 143318
Ion Ratio Lower Upper
240 100
120 10.0 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

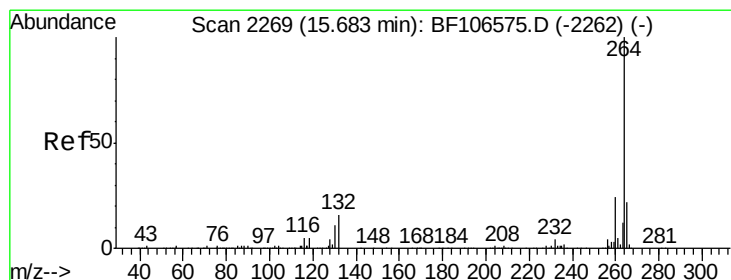
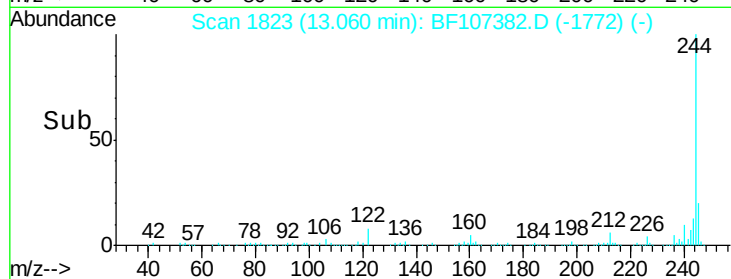
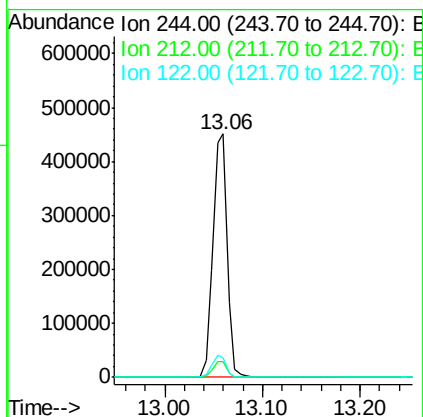
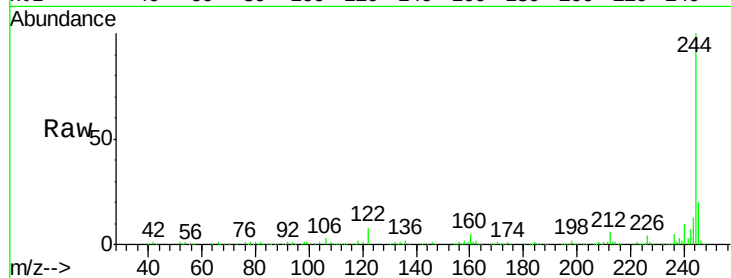




#78
 Terphenyl-d14
 Concen: 76.693 ng
 RT: 13.06 min Scan# 1823
 Delta R.T. 0.00 min
 Lab File: BF107382.D
 Acq: 13 Jul 2018 22:48

Instrument :
 BNA_F
 ClientSampleId :
 NEW-FOOTING-1

Tgt Ion:244 Resp: 453762
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.4 8.0
 122 7.9 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2267
 Delta R.T. 0.01 min
 Lab File: BF107382.D
 Acq: 13 Jul 2018 22:48

Tgt Ion:264 Resp: 99591
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 21.2 17.5 26.3

