

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070518\
 Data File : BF107133.D
 Acq On : 5 Jul 2018 18:09
 Operator : JU/SJ
 Sample : J3853-10
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-9

Quant Time: Jul 05 18:30:51 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

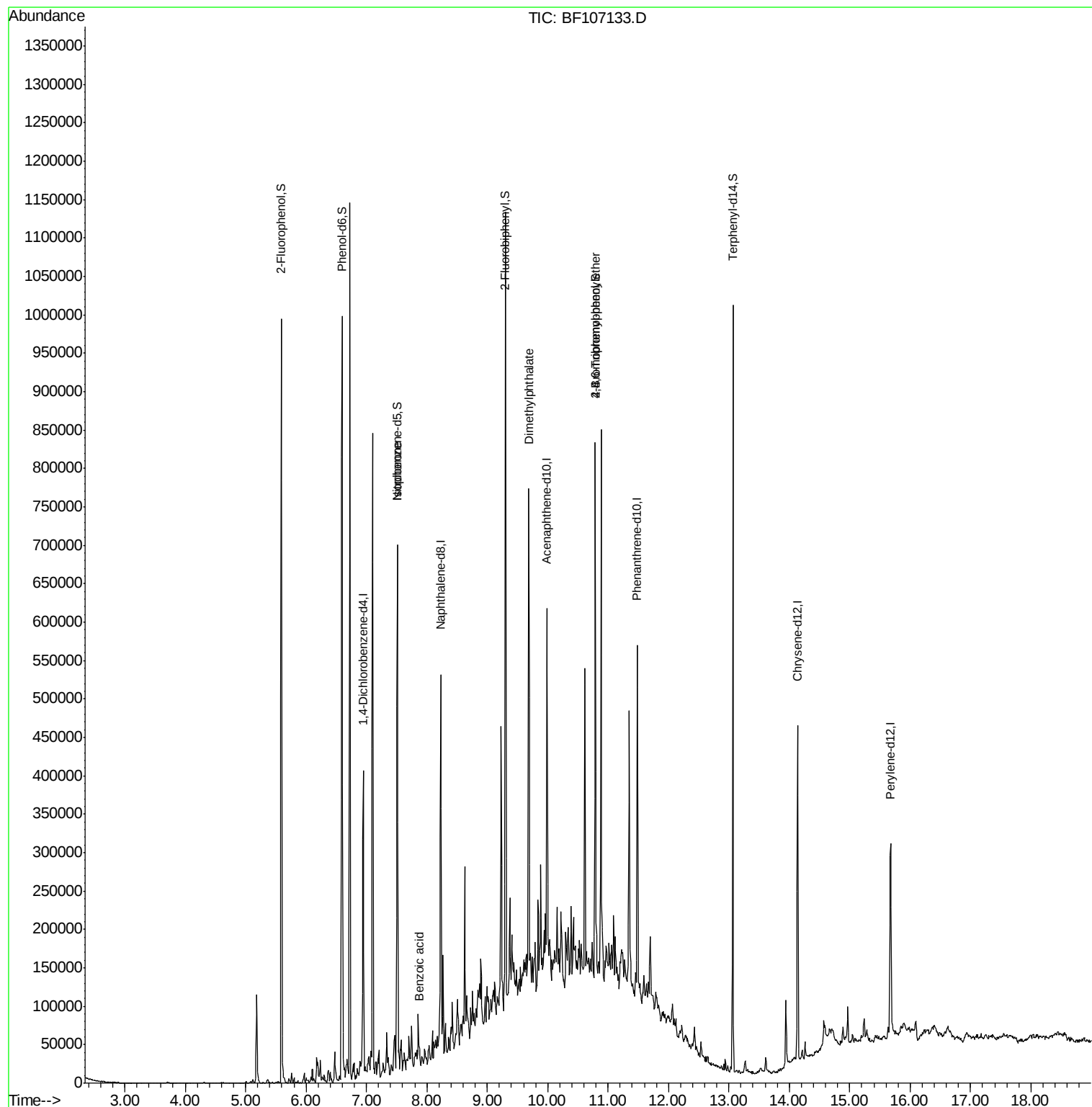
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	55650	20.00	ng	-0.01
21) Naphthalene-d8	8.23	136	213413	20.00	ng	-0.02
38) Acenaphthene-d10	9.99	164	102991	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	173871	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	160044	20.00	ng	-0.03
86) Perylene-d12	15.68	264	137096	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	291083	88.57	ng	-0.01
7) Phenol-d6	6.60	99	360454	87.83	ng	-0.02
23) Nitrobenzene-d5	7.51	82	217573	56.66	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	103093	86.36	ng	-0.01
44) 2-Fluorobiphenyl	9.30	172	362833	54.30	ng	-0.02
78) Terphenyl-d14	13.07	244	334509	50.63	ng	-0.02
Target Compounds						
25) Isophorone	7.51	82	217656	32.164	ng	# 64
32) Benzoic acid	7.88	122	122	5.783	ng	# 12
49) Dimethylphthalate	9.70	163	81866	10.598	ng	# 96
66) 4-Bromophenyl-phenylether	10.79	248	6347	3.059	ng	# 1

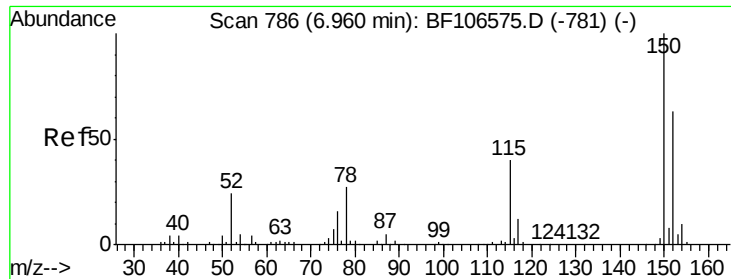
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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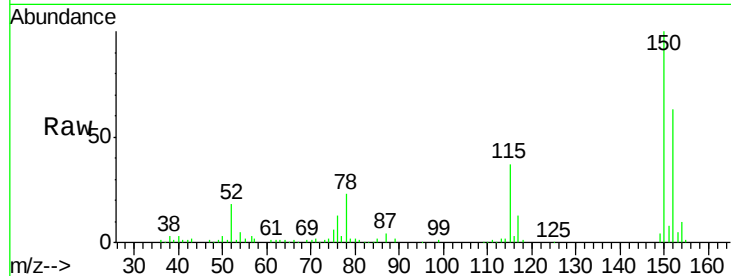




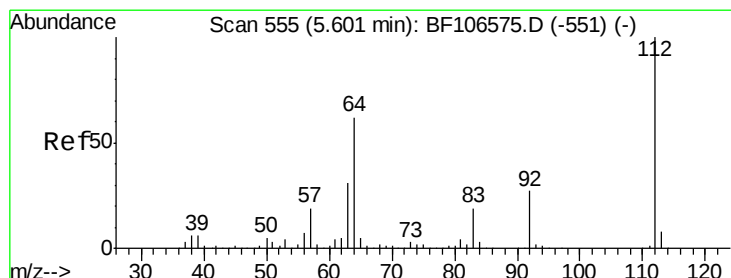
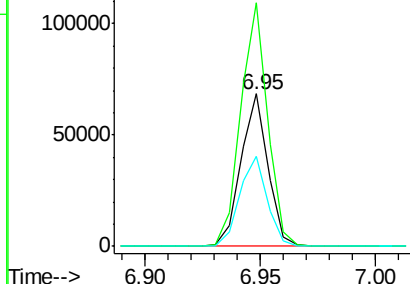
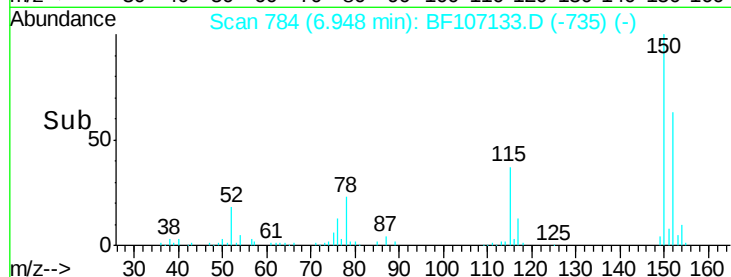
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 784
 Delta R.T. -0.01 min
 Lab File: BF107133.D
 Acq: 5 Jul 2018 18:09

Instrument :
 BNA_F
 ClientSampled :
 B-9

Tgt Ion:152 Resp: 55650
 Ion Ratio Lower Upper
 152 100
 150 159.9 124.6 186.8
 115 59.0 50.1 75.1

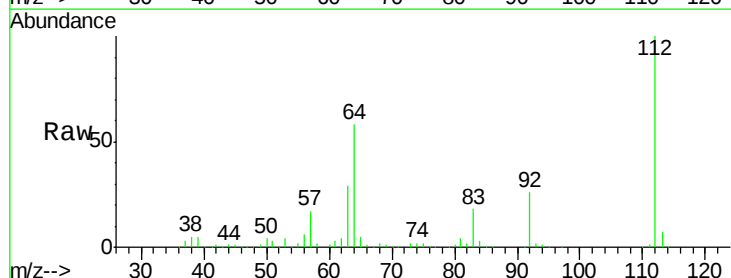


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

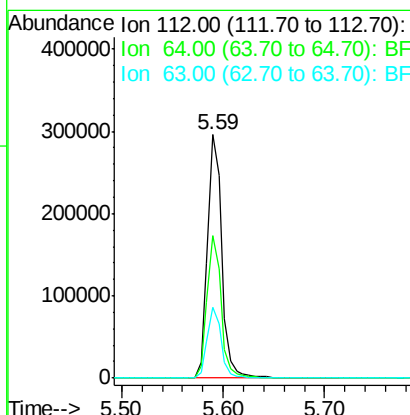
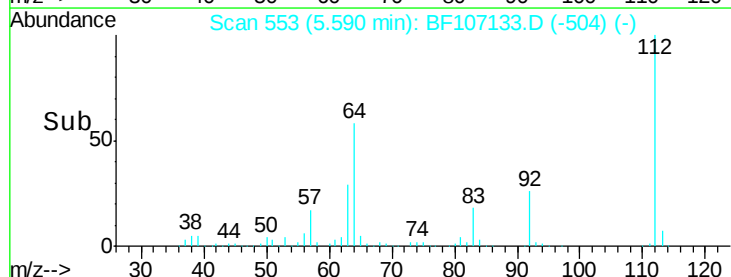


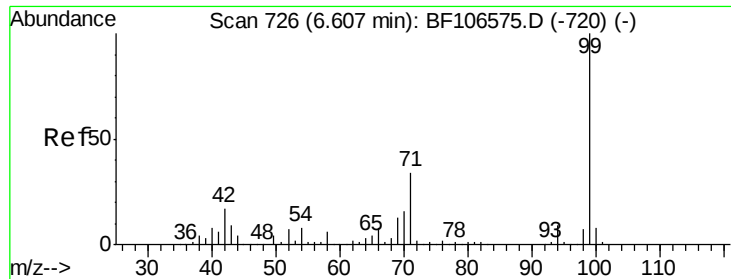
#5
 2-Fluorophenol
 Concen: 88.571 ng
 RT: 5.59 min Scan# 553
 Delta R.T. -0.01 min
 Lab File: BF107133.D
 Acq: 5 Jul 2018 18:09

Tgt Ion:112 Resp: 291083
 Ion Ratio Lower Upper
 112 100
 64 58.4 47.9 71.9
 63 29.0 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: 87.827 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107133.D

Acq: 5 Jul 2018 18:09

Instrument :

BNA_F

ClientSampleId :

B-9

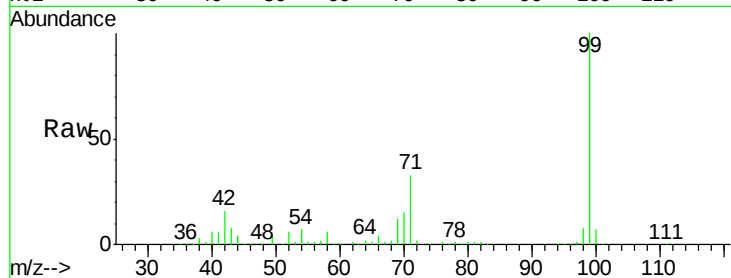
Tgt Ion: 99 Resp: 360454

Ion Ratio Lower Upper

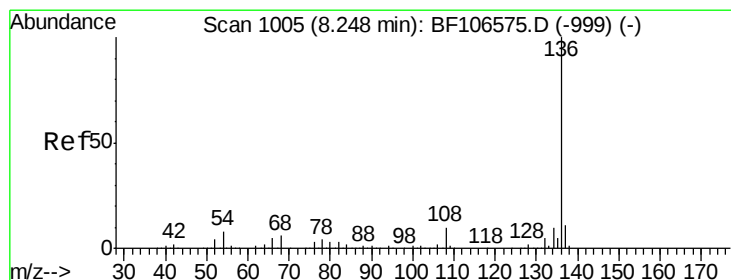
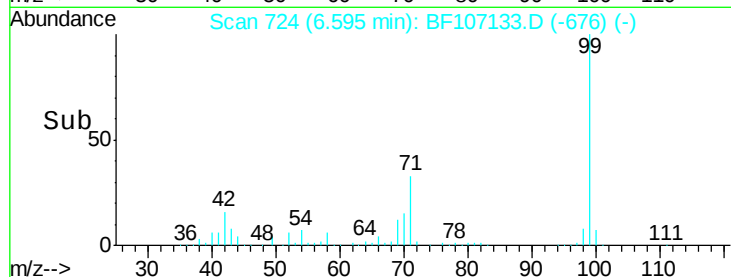
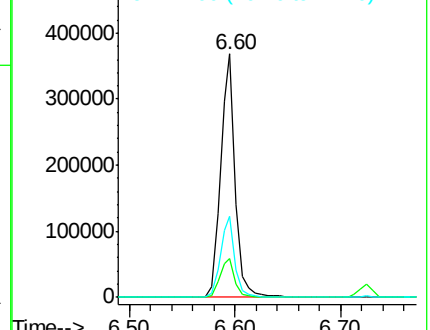
99 100

42 16.0 14.5 21.7

71 33.4 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.23 min Scan# 1002

Delta R.T. -0.02 min

Lab File: BF107133.D

Acq: 5 Jul 2018 18:09

Tgt Ion: 136 Resp: 213413

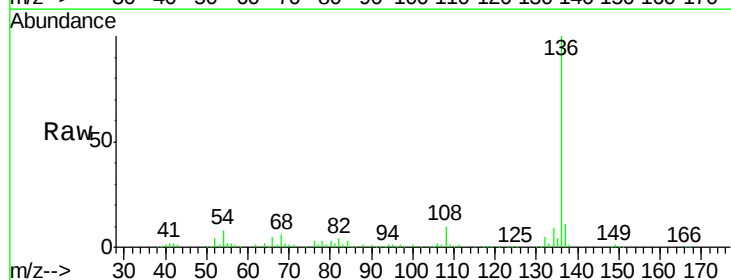
Ion Ratio Lower Upper

136 100

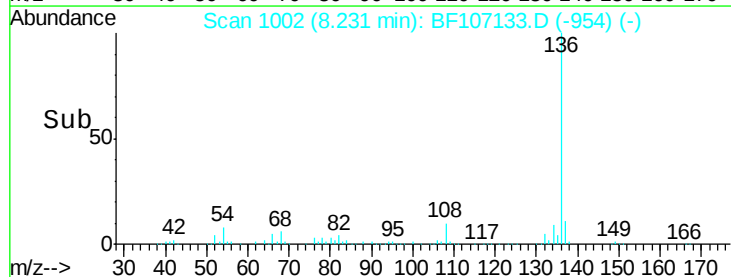
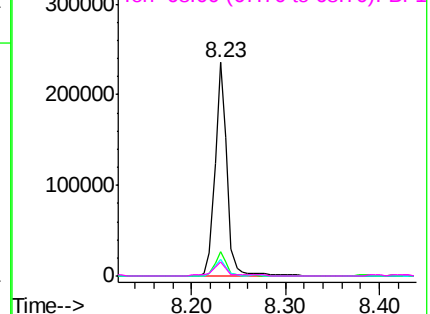
137 11.4 8.9 13.3

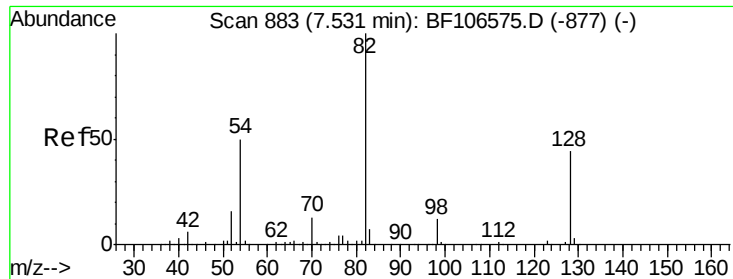
54 8.0 6.6 9.8

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

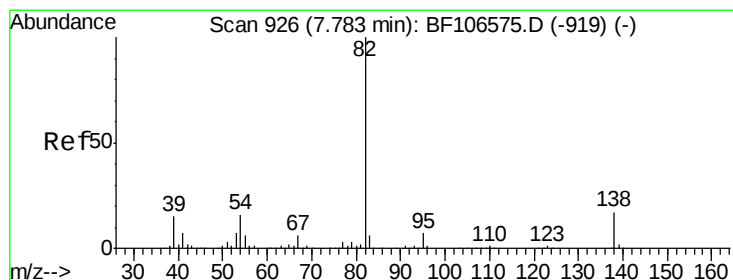
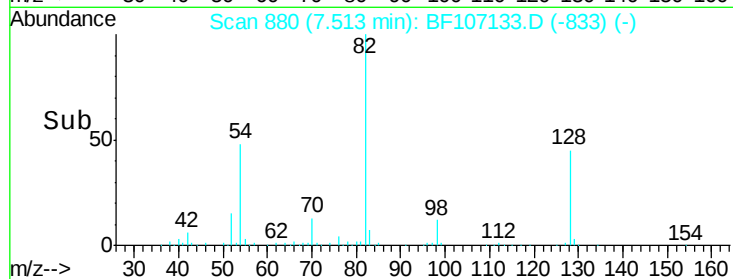
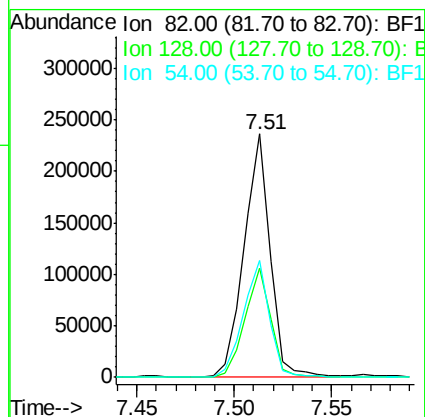
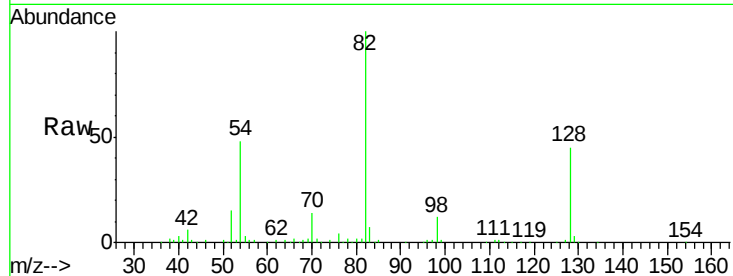




#23
Nitrobenzene-d5
Concen: 56.657 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF107133.D
Acq: 5 Jul 2018 18:09

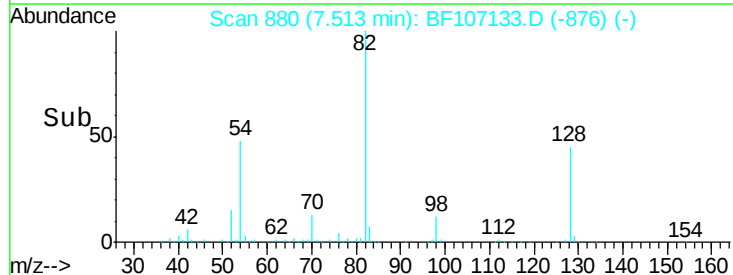
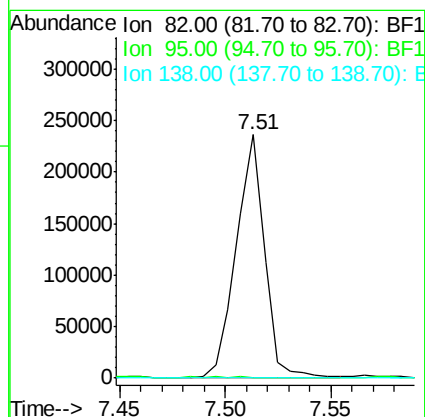
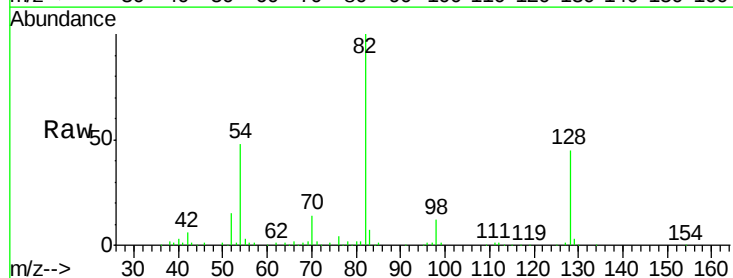
Instrument :
BNA_F
ClientSampleId :
B-9

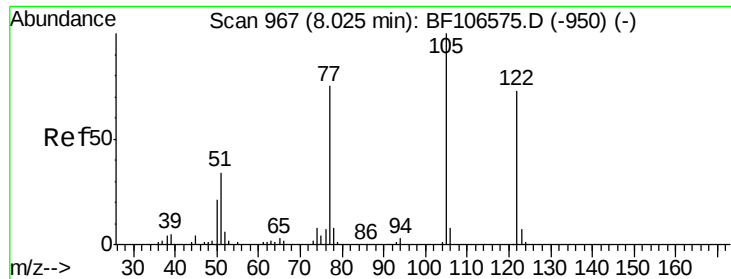
Tgt Ion: 82 Resp: 217573
Ion Ratio Lower Upper
82 100
128 45.0 36.1 54.1
54 48.1 41.4 62.2



#25
Isophorone
Concen: 32.164 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.28 min
Lab File: BF107133.D
Acq: 5 Jul 2018 18:09

Tgt Ion: 82 Resp: 217656
Ion Ratio Lower Upper
82 100
95 0.2 5.2 7.8#
138 0.0 14.9 22.3#

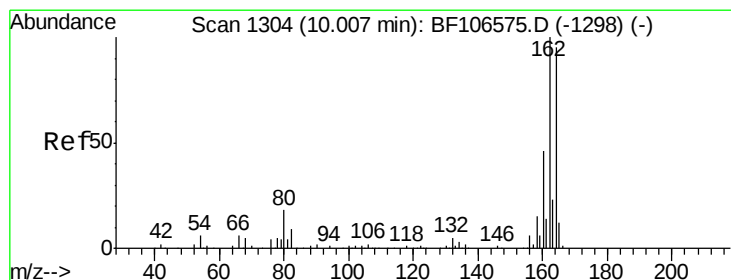
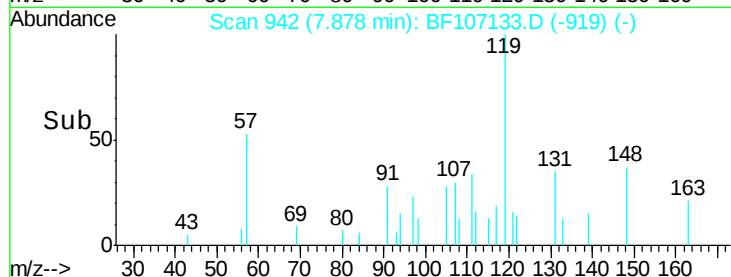
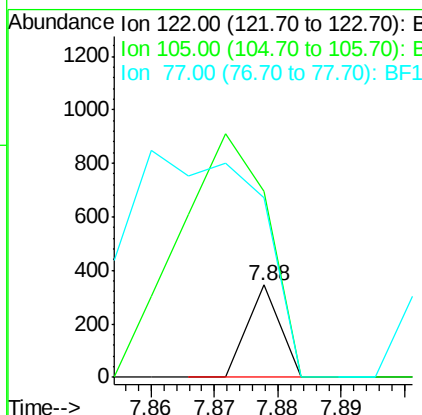
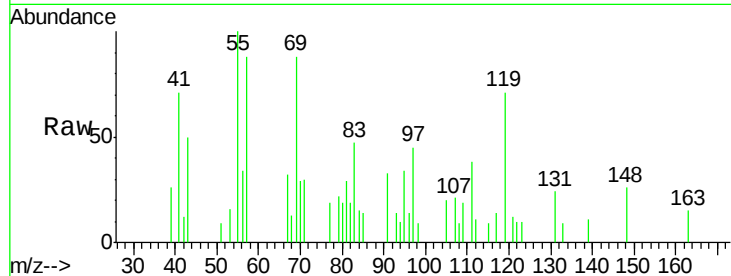




#32
Benzoic acid
Concen: 5.783 ng
RT: 7.88 min Scan# 942
Delta R.T. -0.16 min
Lab File: BF107133.D
Acq: 5 Jul 2018 18:09

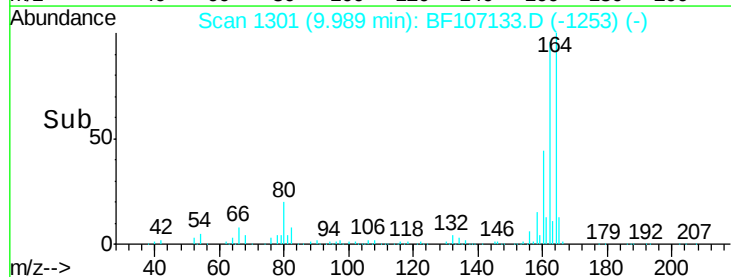
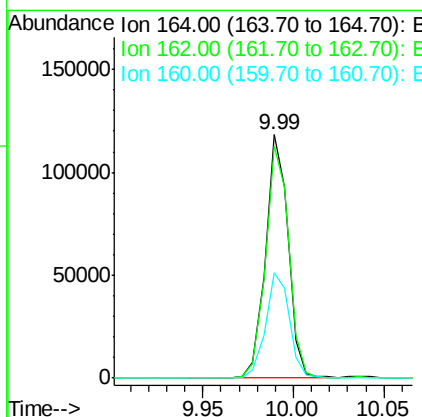
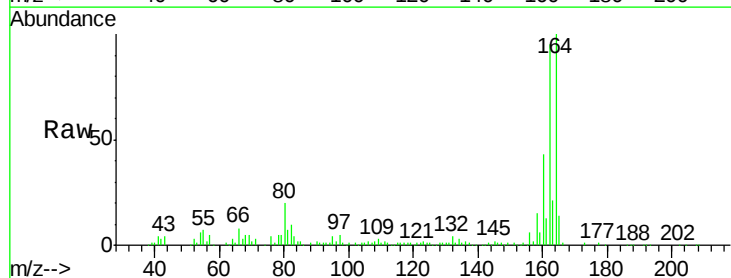
Instrument :
BNA_F
ClientSampleId :
B-9

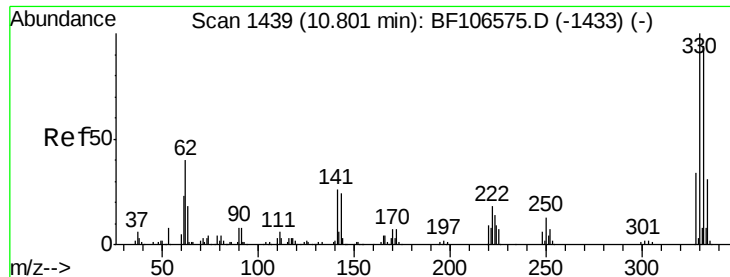
Tgt Ion:122 Resp: 122
Ion Ratio Lower Upper
122 100
105 201.2 101.1 141.1#
77 194.5 70.7 110.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BF107133.D
Acq: 5 Jul 2018 18:09

Tgt Ion:164 Resp: 102991
Ion Ratio Lower Upper
164 100
162 95.4 86.1 129.1
160 43.1 38.3 57.5

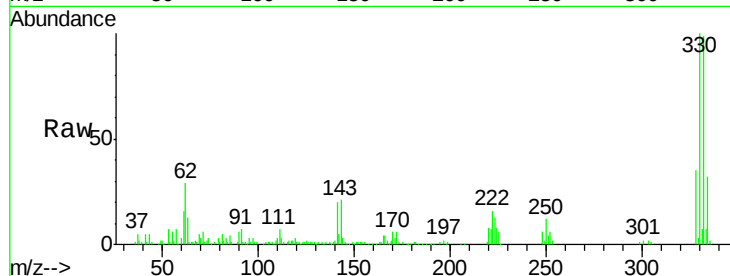




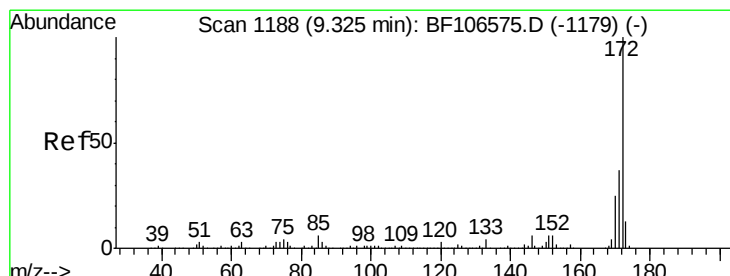
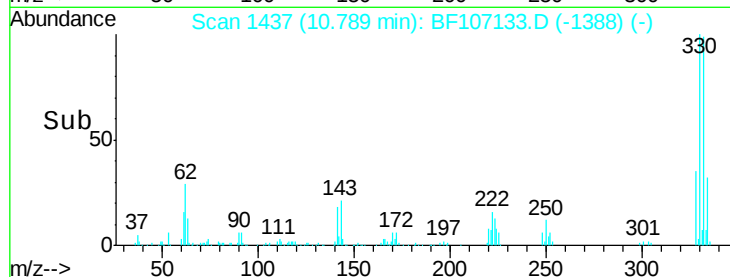
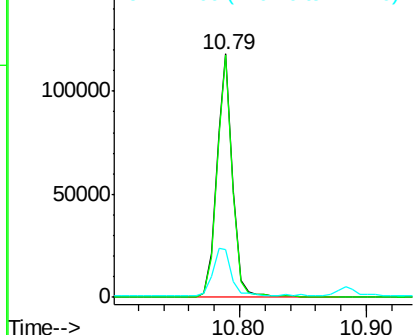
#41
 2,4,6-Tribromophenol
 Concen: 86.365 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF107133.D
 Acq: 5 Jul 2018 18:09

Instrument :
 BNA_F
 ClientSampleId :
 B-9

Tgt Ion:330 Resp: 103093
 Ion Ratio Lower Upper
 330 100
 332 97.6 77.0 115.6
 141 23.6 29.9 44.9#

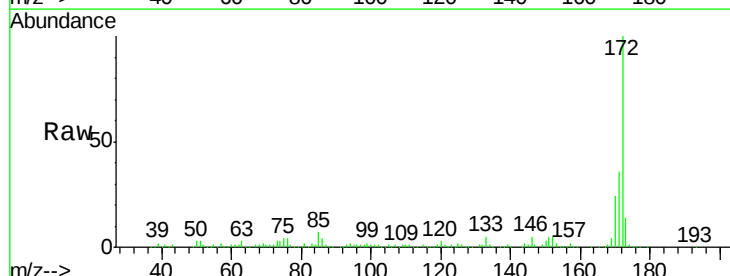


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

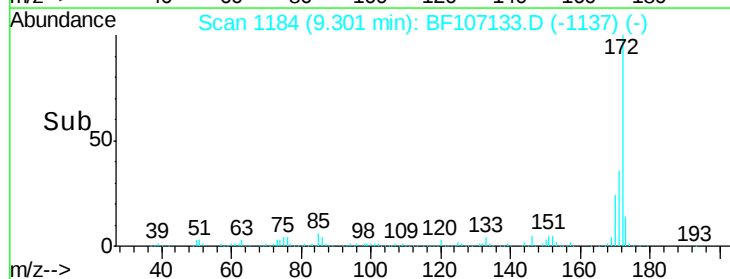
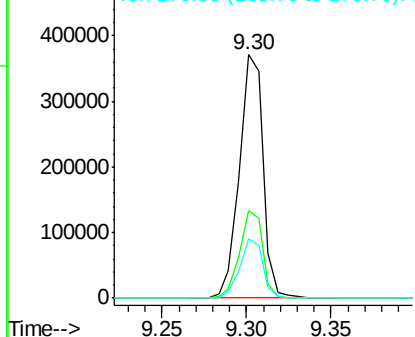


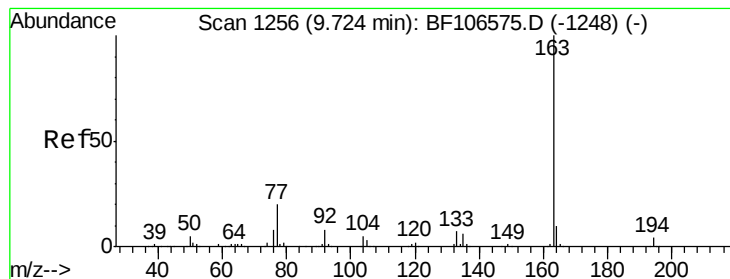
#44
 2-Fluorobiphenyl
 Concen: 54.303 ng
 RT: 9.30 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF107133.D
 Acq: 5 Jul 2018 18:09

Tgt Ion:172 Resp: 362833
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 24.2 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: 10.598 ng

RT: 9.70 min Scan# 1251

Delta R.T. -0.03 min

Lab File: BF107133.D

Acq: 5 Jul 2018 18:09

Instrument :

BNA_F

ClientSampleId :

B-9

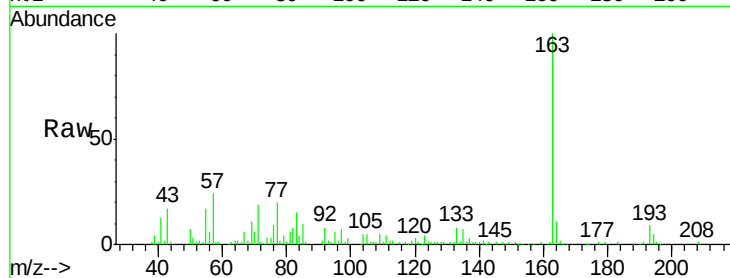
Tgt Ion:163 Resp: 81866

Ion Ratio Lower Upper

163 100

194 5.3 2.7 4.1#

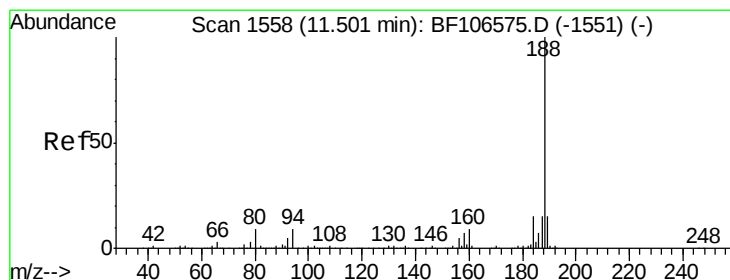
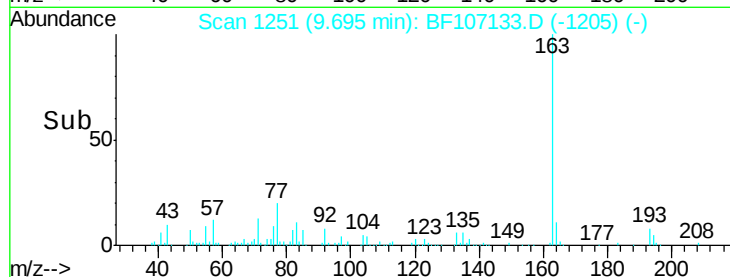
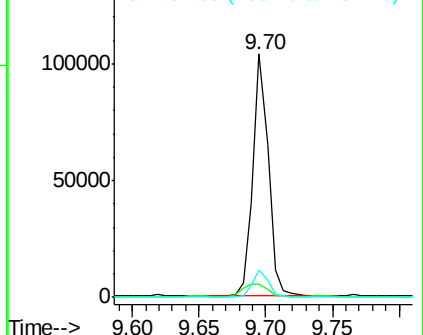
164 11.4 8.2 12.2



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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.48 min Scan# 1555

Delta R.T. -0.02 min

Lab File: BF107133.D

Acq: 5 Jul 2018 18:09

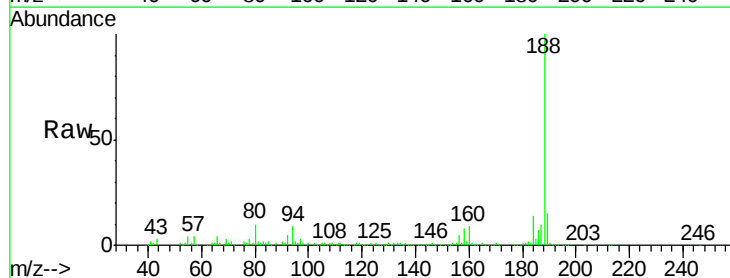
Tgt Ion:188 Resp: 173871

Ion Ratio Lower Upper

188 100

94 9.0 8.5 12.7

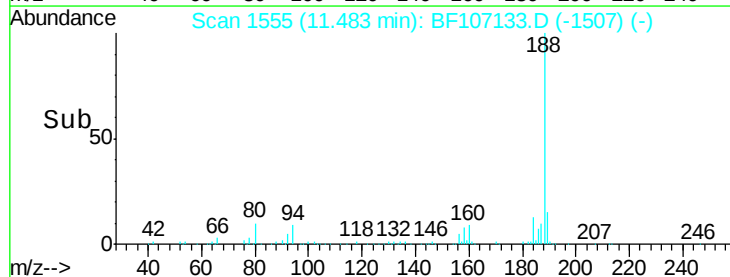
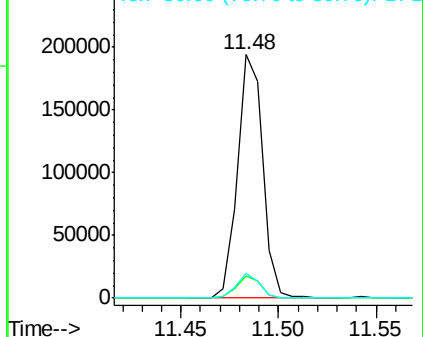
80 10.0 9.2 13.8

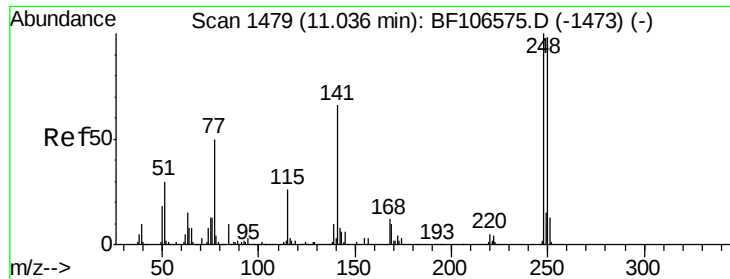


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

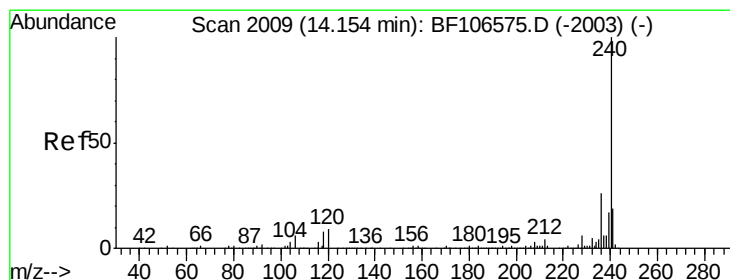
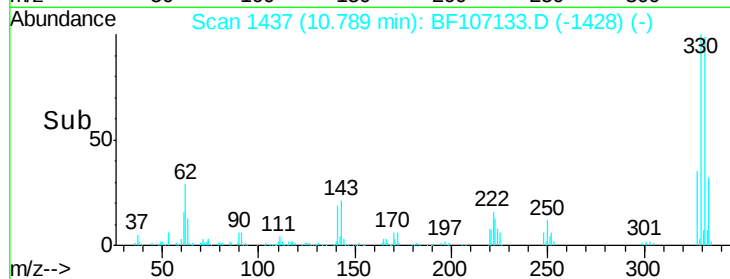
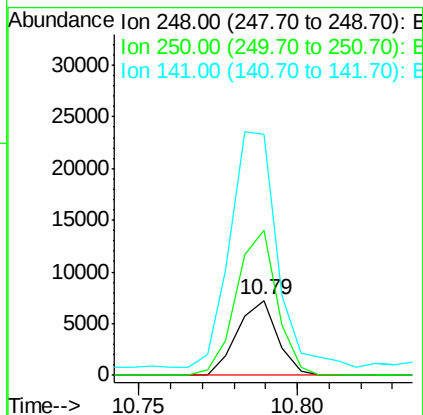
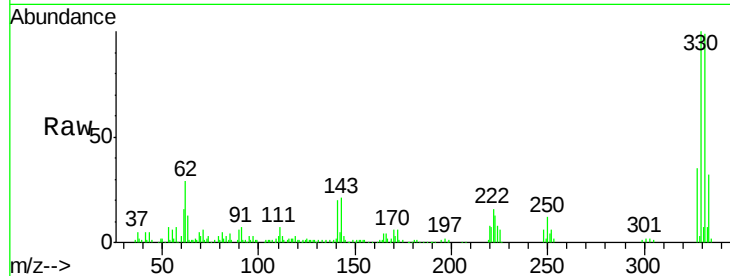




#66
 4-Bromophenyl-phenylether
 Concen: 3.059 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.25 min
 Lab File: BF107133.D
 Acq: 5 Jul 2018 18:09

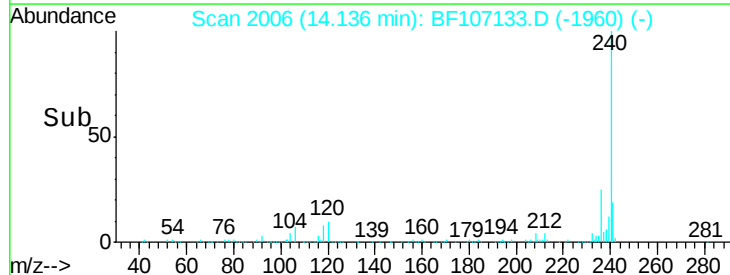
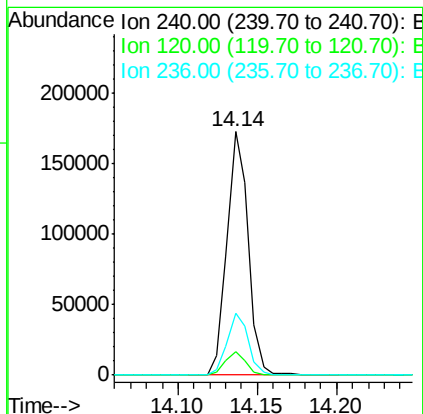
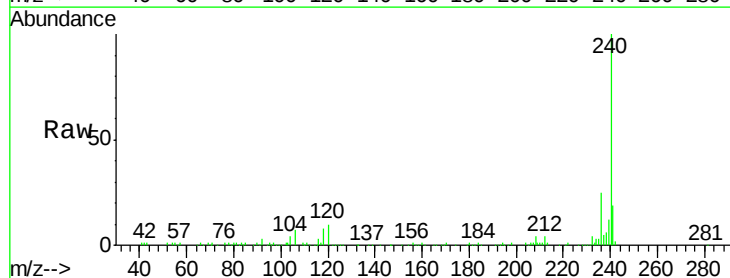
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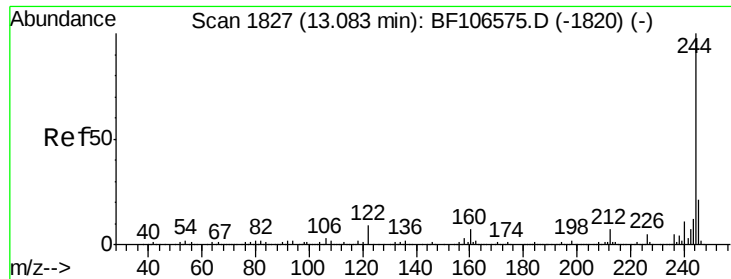
Tgt Ion:248 Resp: 6347
 Ion Ratio Lower Upper
 248 100
 250 194.6 76.9 115.3#
 141 322.7 74.4 111.6#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2006
 Delta R.T. -0.03 min
 Lab File: BF107133.D
 Acq: 5 Jul 2018 18:09

Tgt Ion:240 Resp: 160044
 Ion Ratio Lower Upper
 240 100
 120 9.6 9.5 14.3
 236 25.4 20.7 31.1

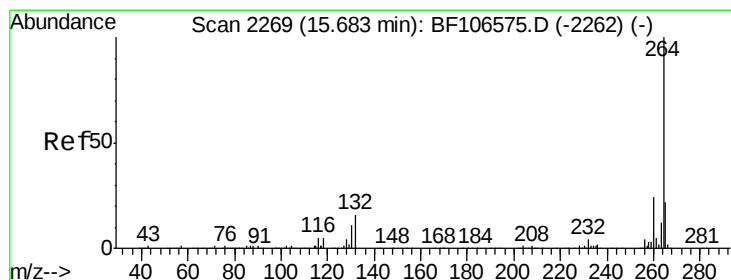
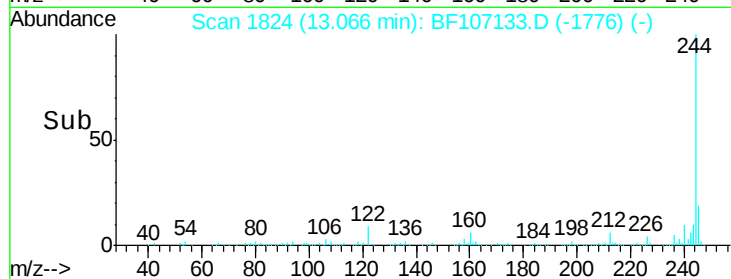
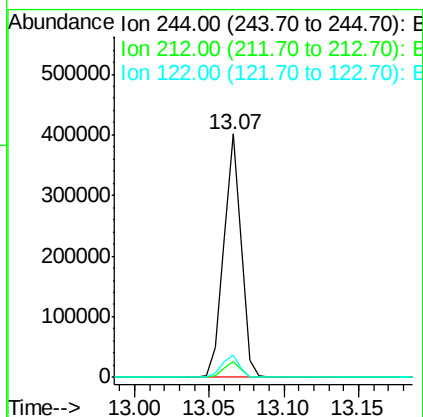
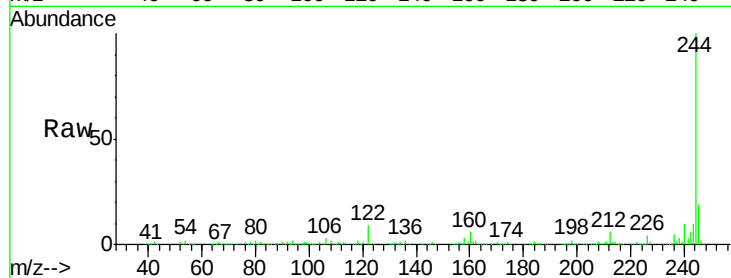




#78
 Terphenyl-d14
 Concen: 50.629 ng
 RT: 13.07 min Scan# 1824
 Delta R.T. -0.02 min
 Lab File: BF107133.D
 Acq: 5 Jul 2018 18:09

Instrument :
 BNA_F
 ClientSampled :
 B-9

Tgt Ion:244 Resp: 334509
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.4 8.0
 122 8.9 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2268
 Delta R.T. -0.04 min
 Lab File: BF107133.D
 Acq: 5 Jul 2018 18:09

Tgt Ion:264 Resp: 137096
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 22.4 17.5 26.3

