

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070518\
 Data File : BF107127.D
 Acq On : 5 Jul 2018 15:24
 Operator : JU/SJ
 Sample : J3853-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B2

Quant Time: Jul 05 16:12:33 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

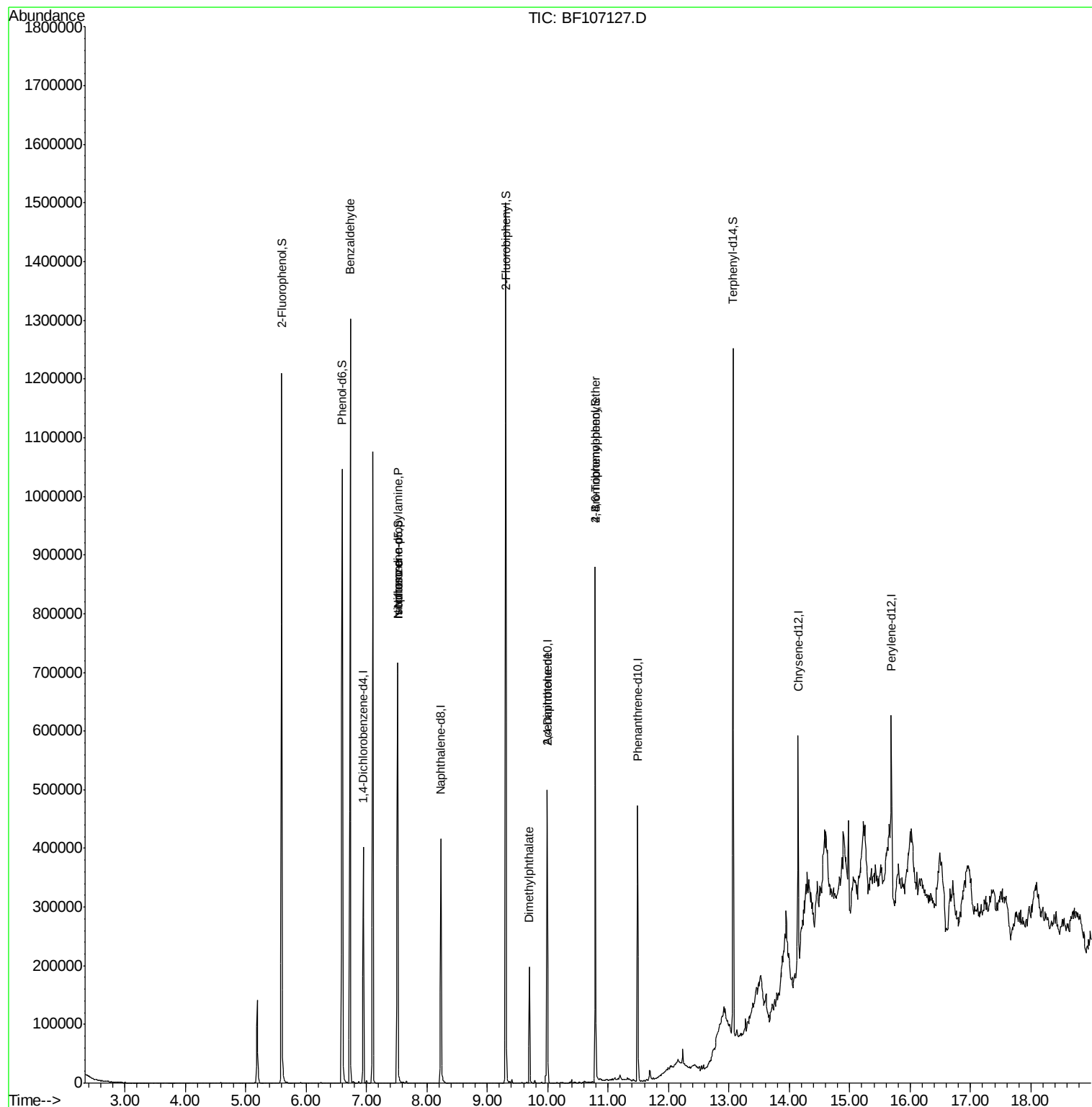
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	58384	20.00	ng	-0.01
21) Naphthalene-d8	8.24	136	222328	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	106915	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	179240	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	152520	20.00	ng	-0.02
86) Perylene-d12	15.69	264	143816	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	348205	100.99	ng	0.00
7) Phenol-d6	6.60	99	431885	100.30	ng	-0.02
23) Nitrobenzene-d5	7.52	82	272201	68.04	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	126459	102.05	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	490500	76.11	ng	-0.02
78) Terphenyl-d14	13.07	244	422587	67.11	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.73	77	7818	2.163	ng	85
19) n-Nitroso-di-n-propylamine	7.51	70	36219	12.761	ng	# 73
25) Isophorone	7.52	82	269874	38.282	ng	# 64
49) Dimethylphthalate	9.70	163	91086	11.359	ng	# 99
56) 2,4-Dinitrotoluene	10.00	165	13829	6.239	ng	# 21
66) 4-Bromophenyl-phenylether	10.79	248	7749	3.622	ng	# 1

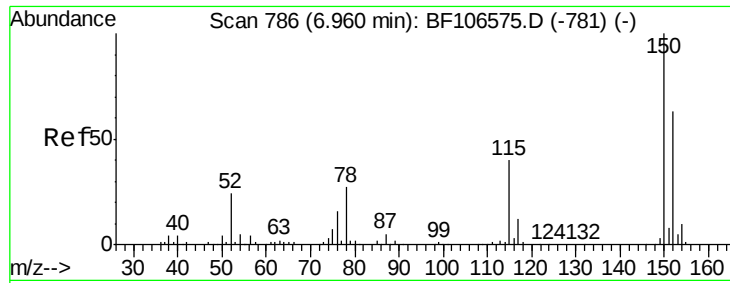
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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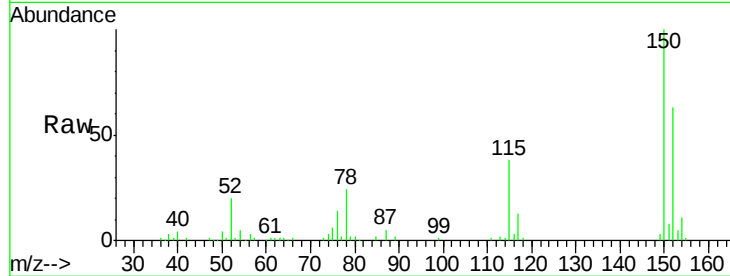


#1

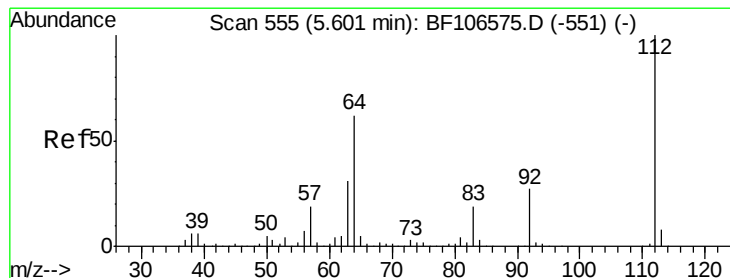
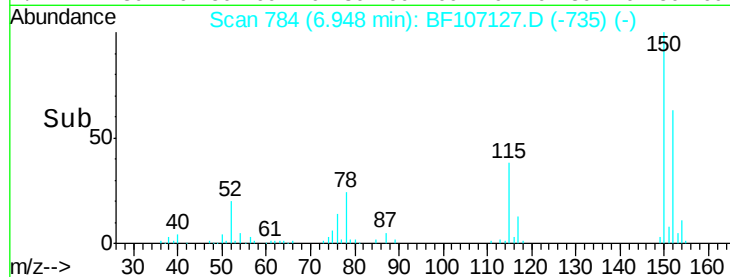
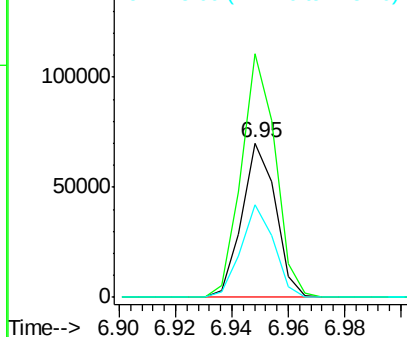
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF107127.D
Acq: 5 Jul 2018 15:24

Instrument :
BNA_F
ClientSampled :
B2

Tgt Ion:152 Resp: 58384
Ion Ratio Lower Upper
152 100
150 157.9 124.6 186.8
115 60.3 50.1 75.1



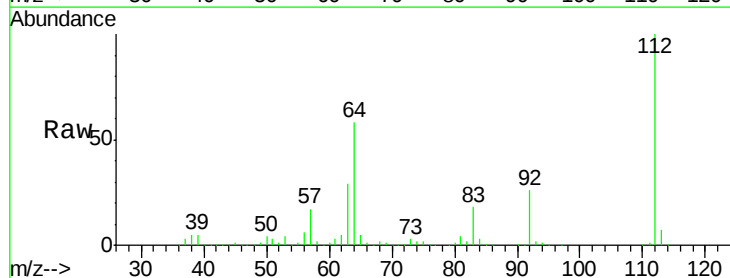
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



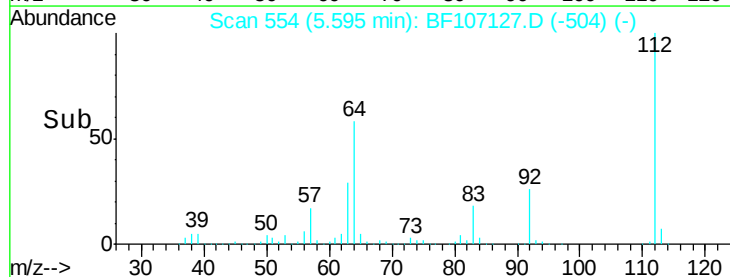
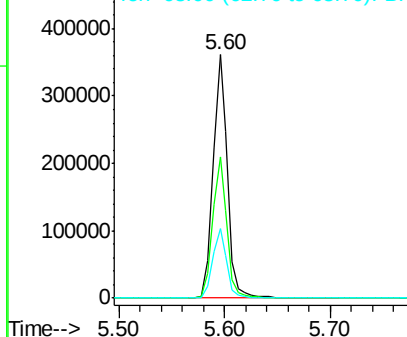
#5

2-Fluorophenol
Concen: 100.990 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107127.D
Acq: 5 Jul 2018 15:24

Tgt Ion:112 Resp: 348205
Ion Ratio Lower Upper
112 100
64 58.0 47.9 71.9
63 28.7 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: 100.304 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107127.D

Acq: 5 Jul 2018 15:24

Instrument :

BNA_F

ClientSampled :

B2

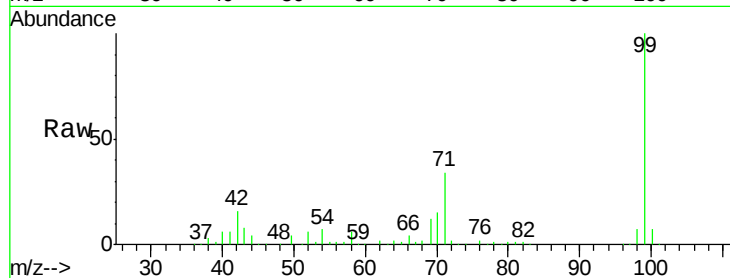
Tgt Ion: 99 Resp: 431885

Ion Ratio Lower Upper

99 100

42 16.5 14.5 21.7

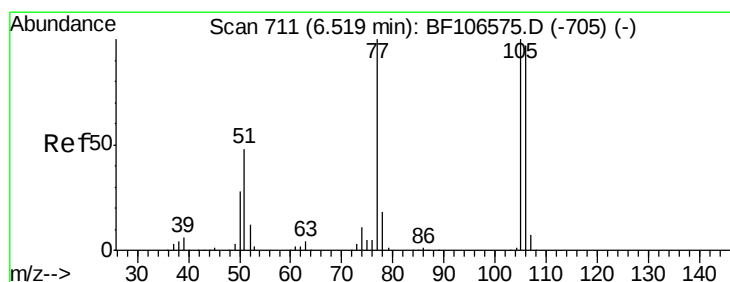
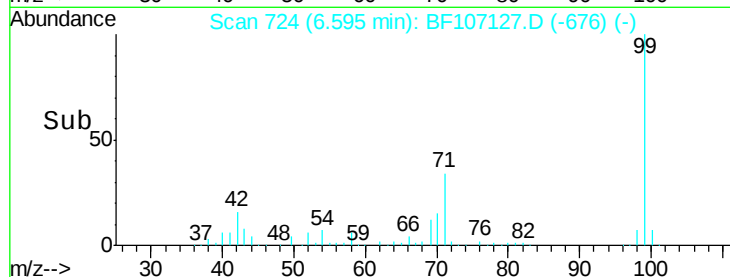
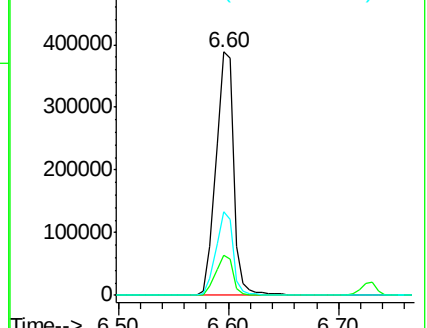
71 34.2 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.163 ng

RT: 6.73 min Scan# 747

Delta R.T. 0.21 min

Lab File: BF107127.D

Acq: 5 Jul 2018 15:24

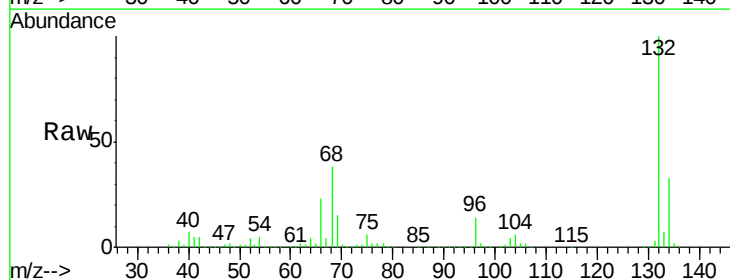
Tgt Ion: 77 Resp: 7818

Ion Ratio Lower Upper

77 100

105 83.6 81.1 121.1

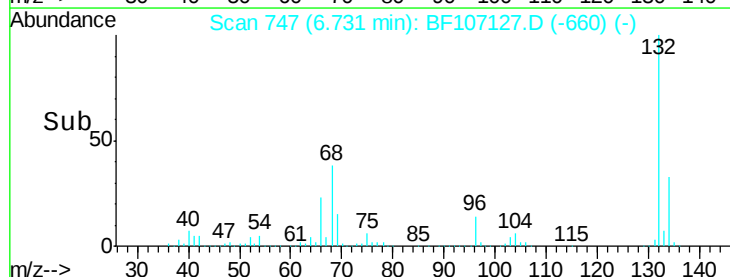
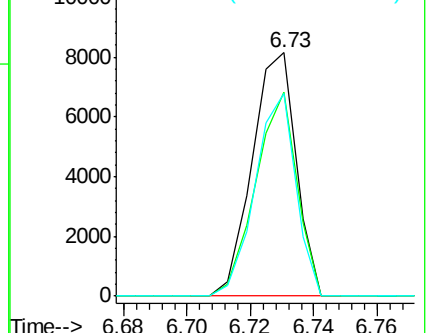
106 83.3 74.5 114.5

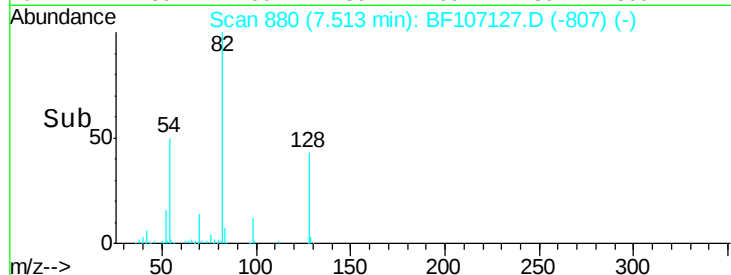
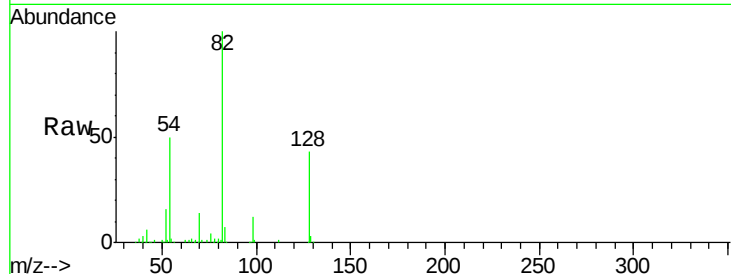
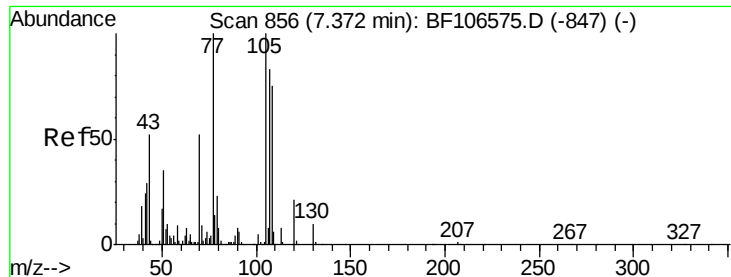


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

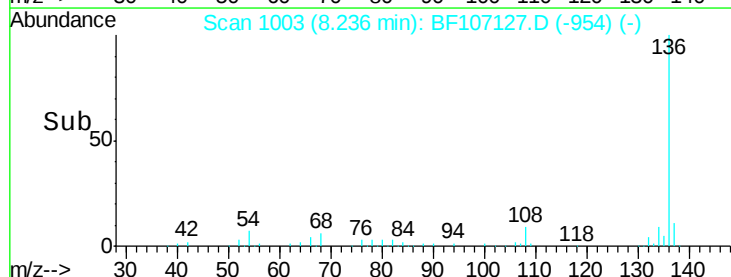
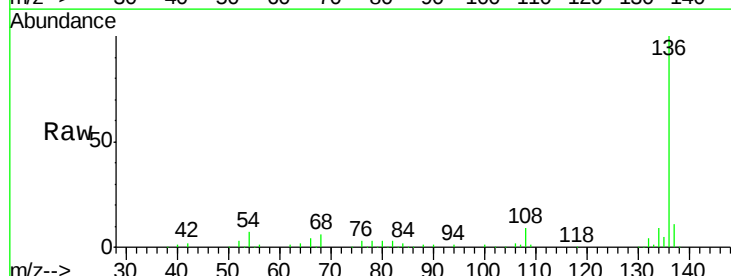
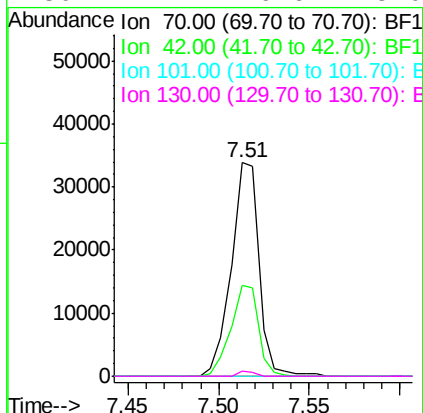




#19
n-Nitroso-di-n-propylamine
Concen: 12.761 ng
RT: 7.51 min Scan# 880
Delta R.T. 0.13 min
Lab File: BF107127.D
Acq: 5 Jul 2018 15:24

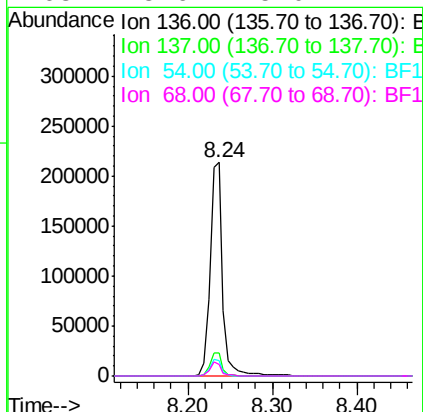
Instrument :
BNA_F
ClientSampled :
B2

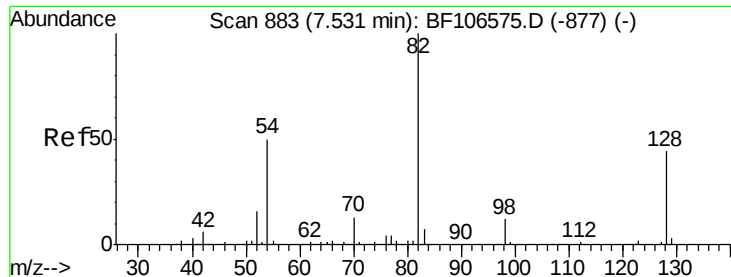
Tgt Ion: 70 Resp: 36219
Ion Ratio Lower Upper
70 100
42 42.4 47.5 71.3#
101 0.0 7.4 11.2#
130 2.4 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF107127.D
Acq: 5 Jul 2018 15:24

Tgt Ion: 136 Resp: 222328
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.1 6.6 9.8
68 5.6 5.0 7.4

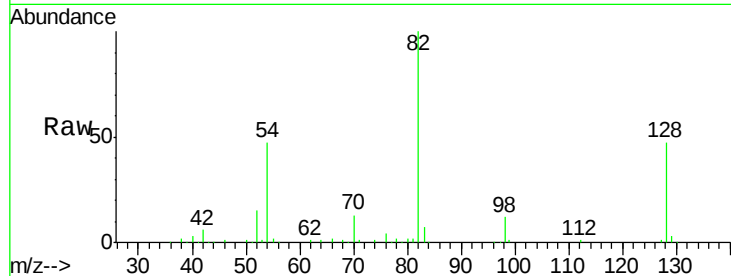




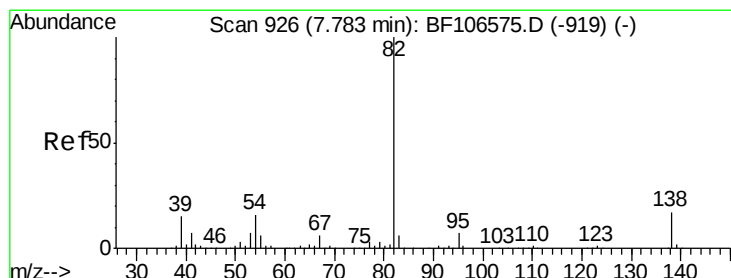
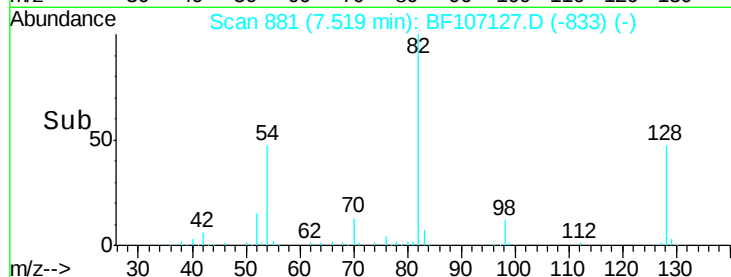
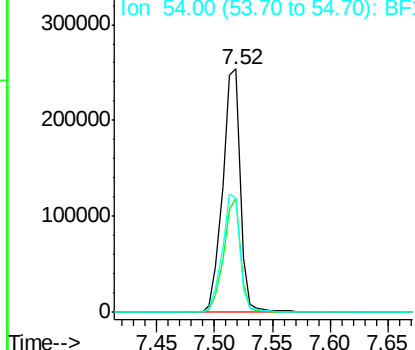
#23
Nitrobenzene-d5
Concen: 68.040 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF107127.D
Acq: 5 Jul 2018 15:24

Instrument :
BNA_F
ClientSampleId :
B2

Tgt Ion: 82 Resp: 272201
Ion Ratio Lower Upper
82 100
128 46.9 36.1 54.1
54 46.9 41.4 62.2

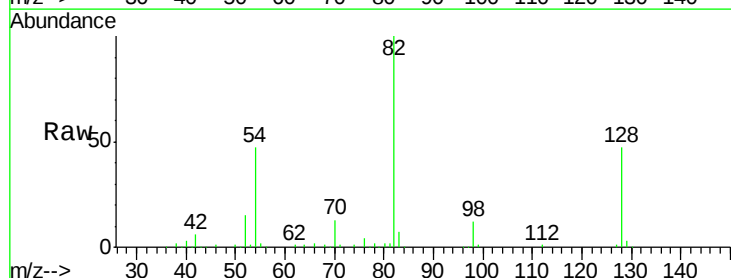


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

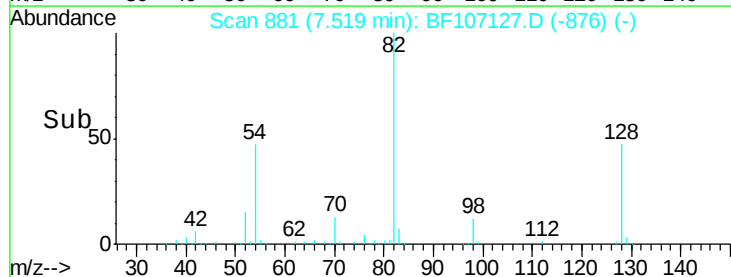
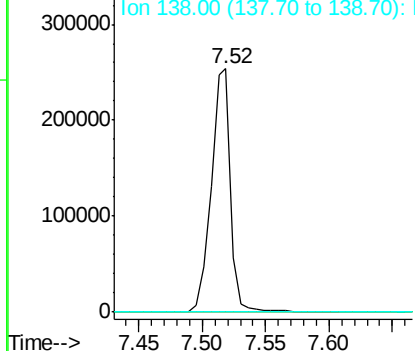


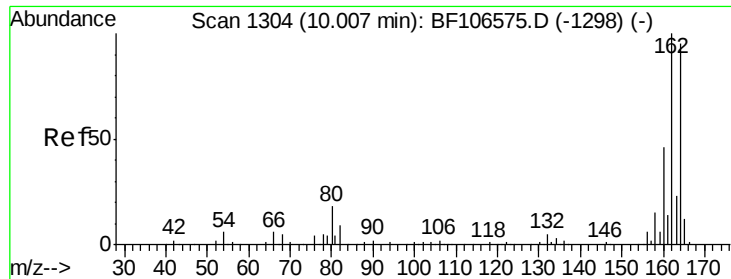
#25
Isophorone
Concen: 38.282 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.27 min
Lab File: BF107127.D
Acq: 5 Jul 2018 15:24

Tgt Ion: 82 Resp: 269874
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: 10.00 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF107127.D

Acq: 5 Jul 2018 15:24

Instrument :

BNA_F

ClientSampleId :

B2

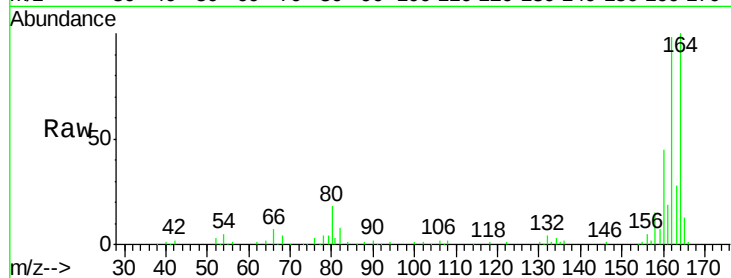
Tgt Ion:164 Resp: 106915

Ion Ratio Lower Upper

164 100

162 98.3 86.1 129.1

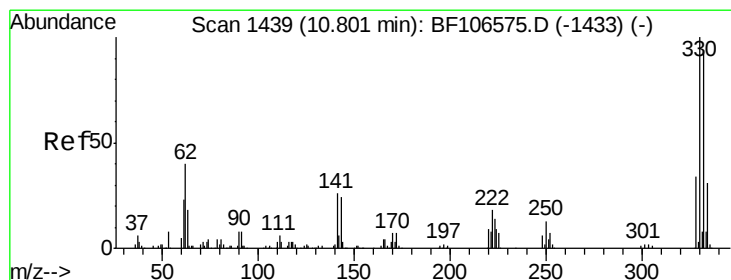
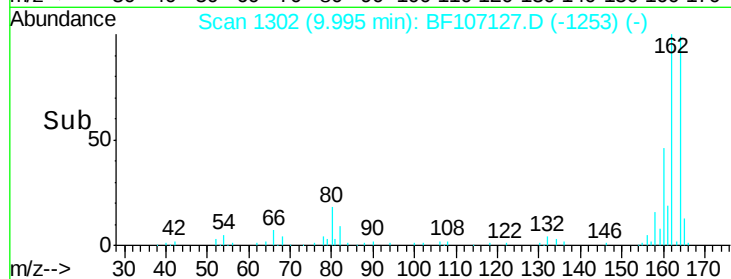
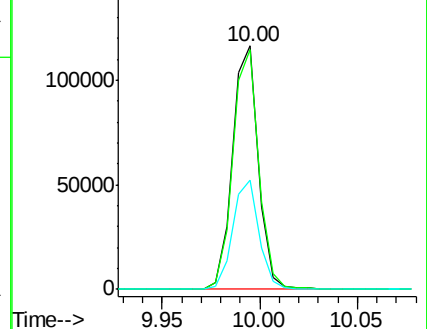
160 45.0 38.3 57.5



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: 102.051 ng

RT: 10.79 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF107127.D

Acq: 5 Jul 2018 15:24

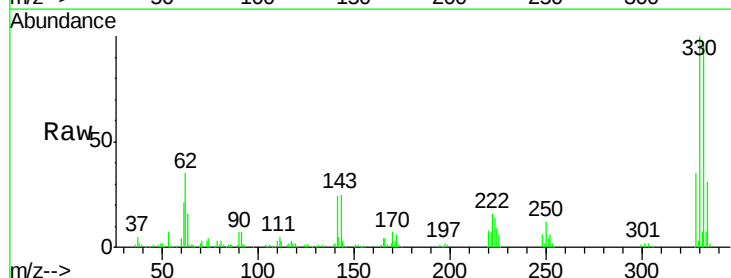
Tgt Ion:330 Resp: 126459

Ion Ratio Lower Upper

330 100

332 95.6 77.0 115.6

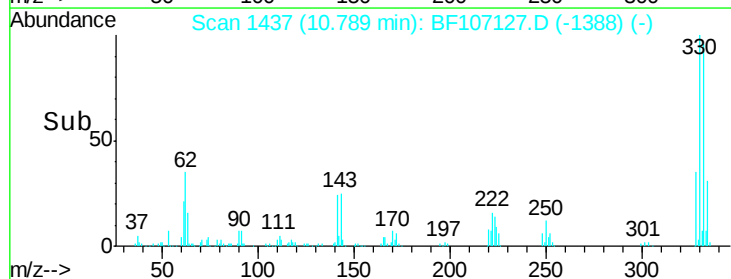
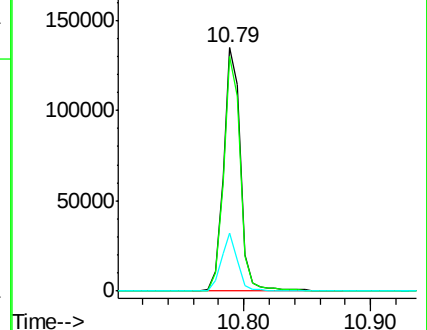
141 22.7 29.9 44.9#



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

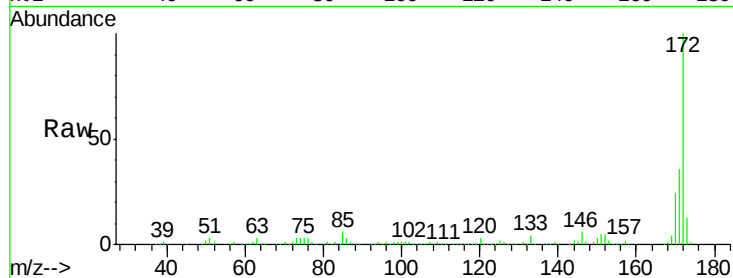




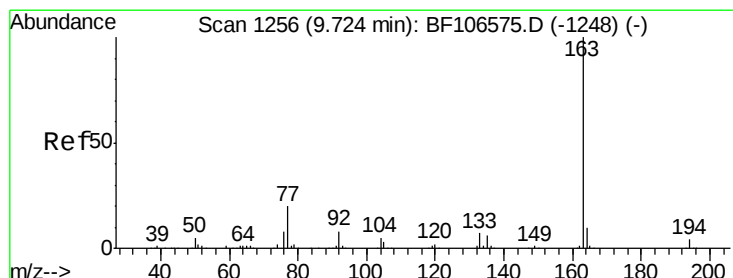
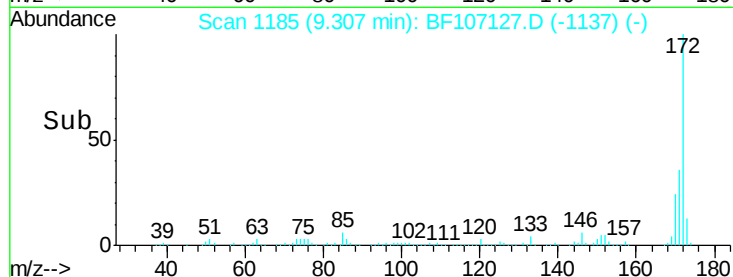
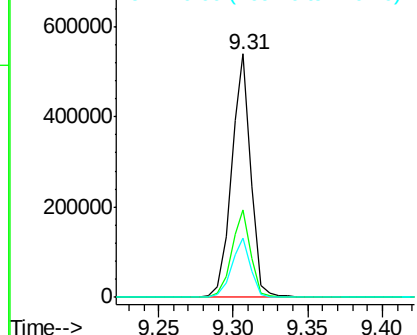
#44
 2-Fluorobiphenyl
 Concen: 76.111 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF107127.D
 Acq: 5 Jul 2018 15:24

Instrument :
 BNA_F
 ClientSampleId :
 B2

Tgt Ion:172 Resp: 490500
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.7 44.5
 170 24.5 19.6 29.4

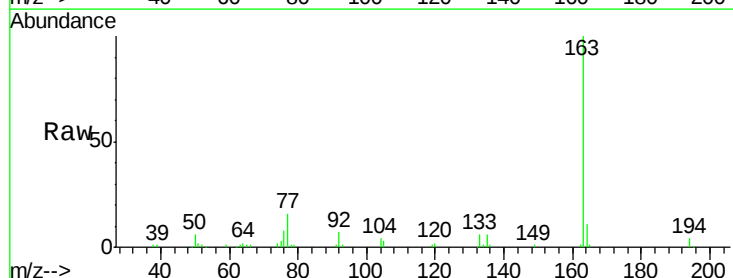


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

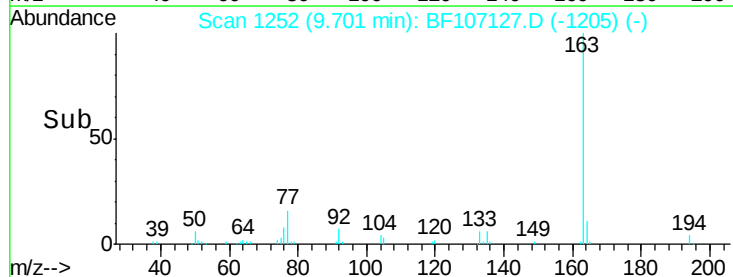
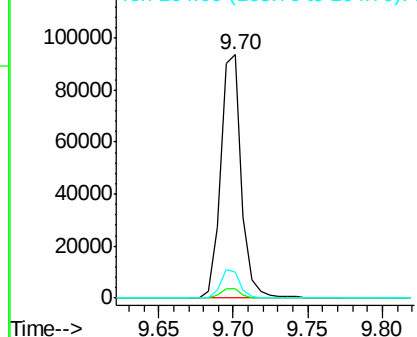


#49
 Dimethylphthalate
 Concen: 11.359 ng
 RT: 9.70 min Scan# 1252
 Delta R.T. -0.02 min
 Lab File: BF107127.D
 Acq: 5 Jul 2018 15:24

Tgt Ion:163 Resp: 91086
 Ion Ratio Lower Upper
 163 100
 194 4.1 2.7 4.1#
 164 10.6 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

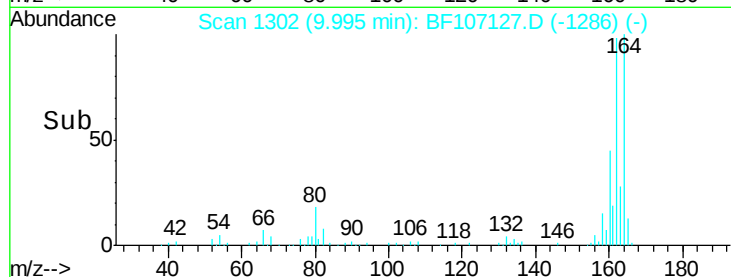
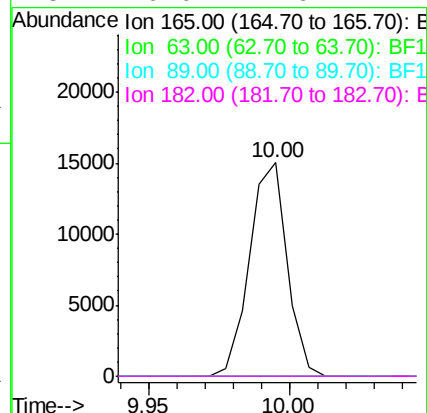
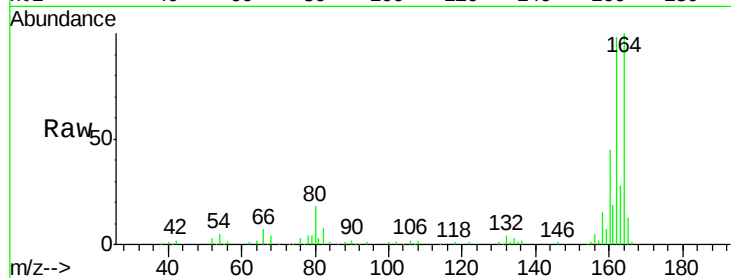




#56
2,4-Dinitrotoluene
Concen: 6.239 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.21 min
Lab File: BF107127.D
Acq: 5 Jul 2018 15:24

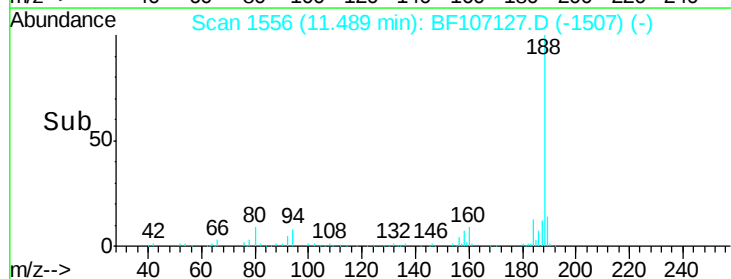
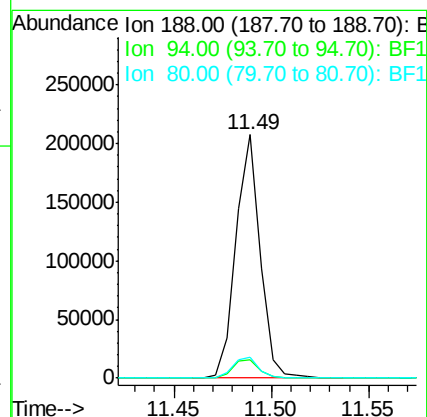
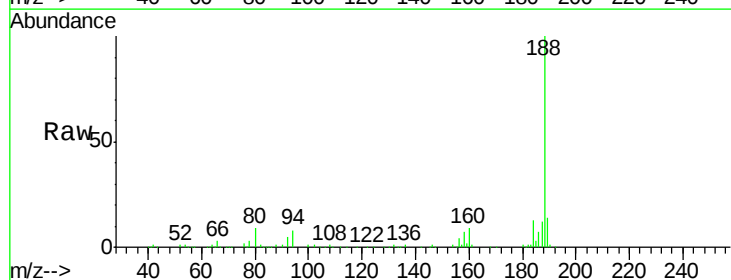
Instrument :
BNA_F
ClientSampleId :
B2

Tgt 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: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF107127.D
Acq: 5 Jul 2018 15:24

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.7	8.5	12.7#
80	8.6	9.2	13.8#

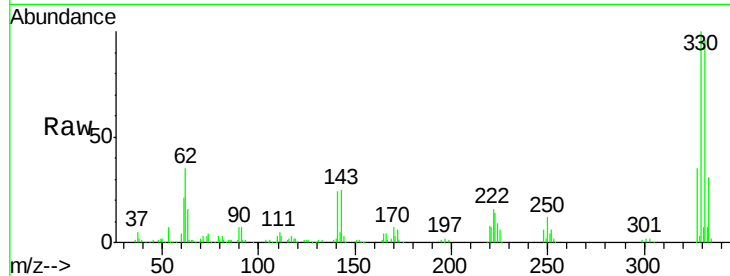




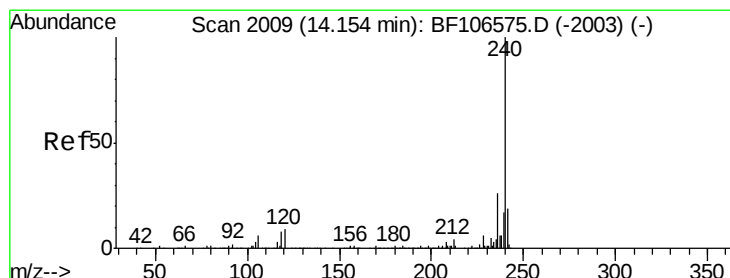
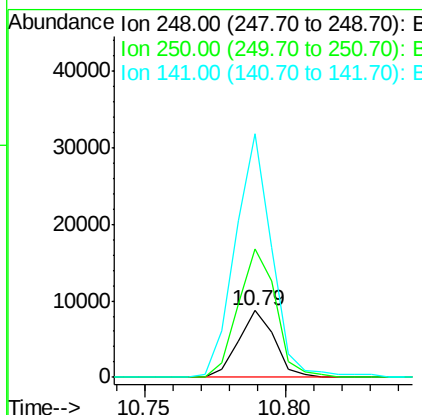
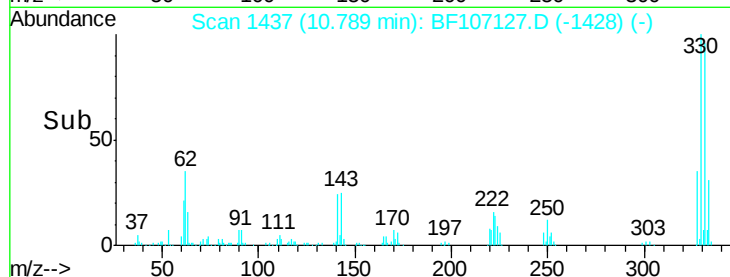
#66
4-Bromophenyl-phenylether
Concen: 3.622 ng
RT: 10.79 min Scan# 1437
Delta R.T. -0.25 min
Lab File: BF107127.D
Acq: 5 Jul 2018 15:24

Instrument :
BNA_F
ClientSampleId :
B2

Tgt Ion:248 Resp: 7749
Ion Ratio Lower Upper
248 100
250 193.1 76.9 115.3#
141 366.3 74.4 111.6#

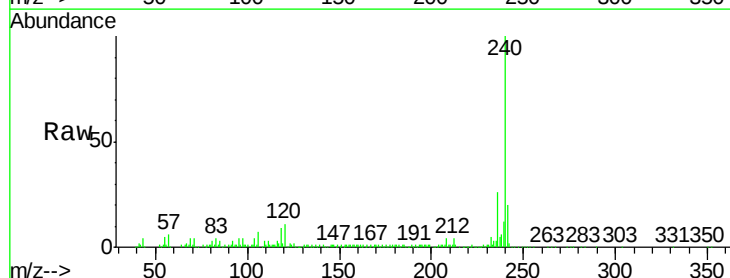


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

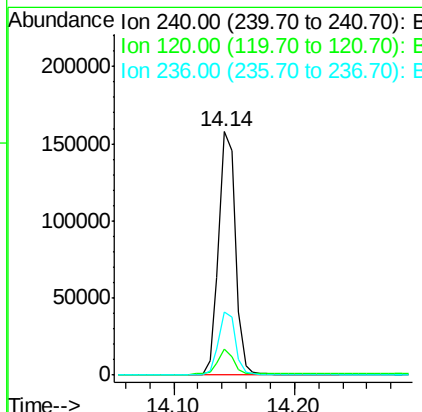
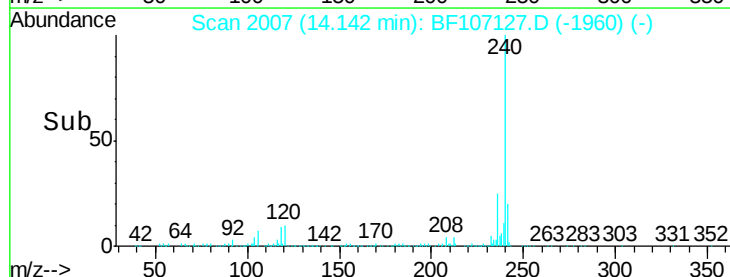


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BF107127.D
Acq: 5 Jul 2018 15:24

Tgt Ion:240 Resp: 152520
Ion Ratio Lower Upper
240 100
120 10.7 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

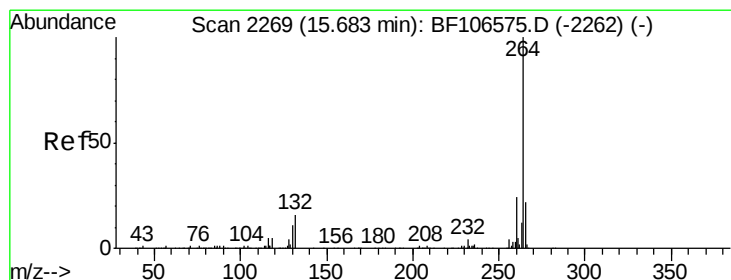
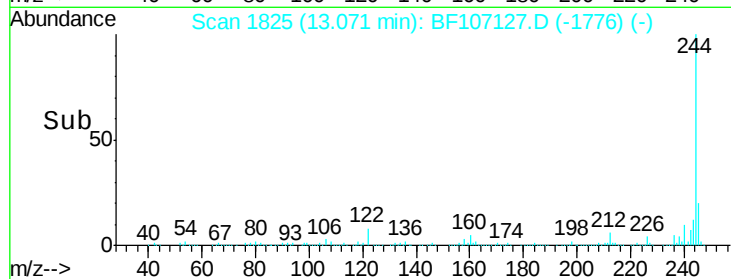
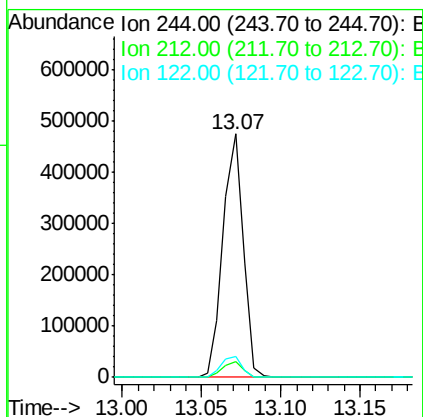
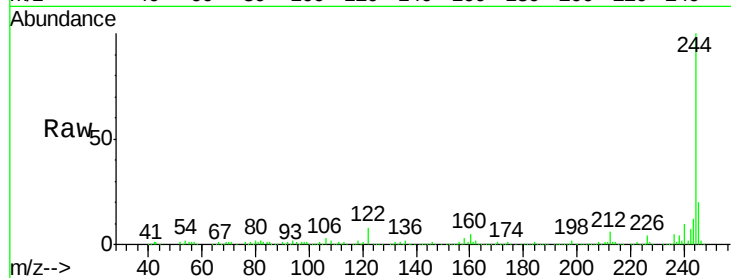




#78
 Terphenyl-d14
 Concen: 67.115 ng
 RT: 13.07 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF107127.D
 Acq: 5 Jul 2018 15:24

Instrument :
 BNA_F
 ClientSampleId :
 B2

Tgt Ion:244 Resp: 422587
 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: 15.69 min Scan# 2270
 Delta R.T. -0.03 min
 Lab File: BF107127.D
 Acq: 5 Jul 2018 15:24

Tgt Ion:264 Resp: 143816
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 20.7 17.5 26.3

