

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062918\
 Data File : BF106984.D
 Acq On : 29 Jun 2018 20:14
 Operator : JU/SJ
 Sample : J3677-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 93-95-B2(10-15)

Quant Time: Jun 29 23:10:43 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

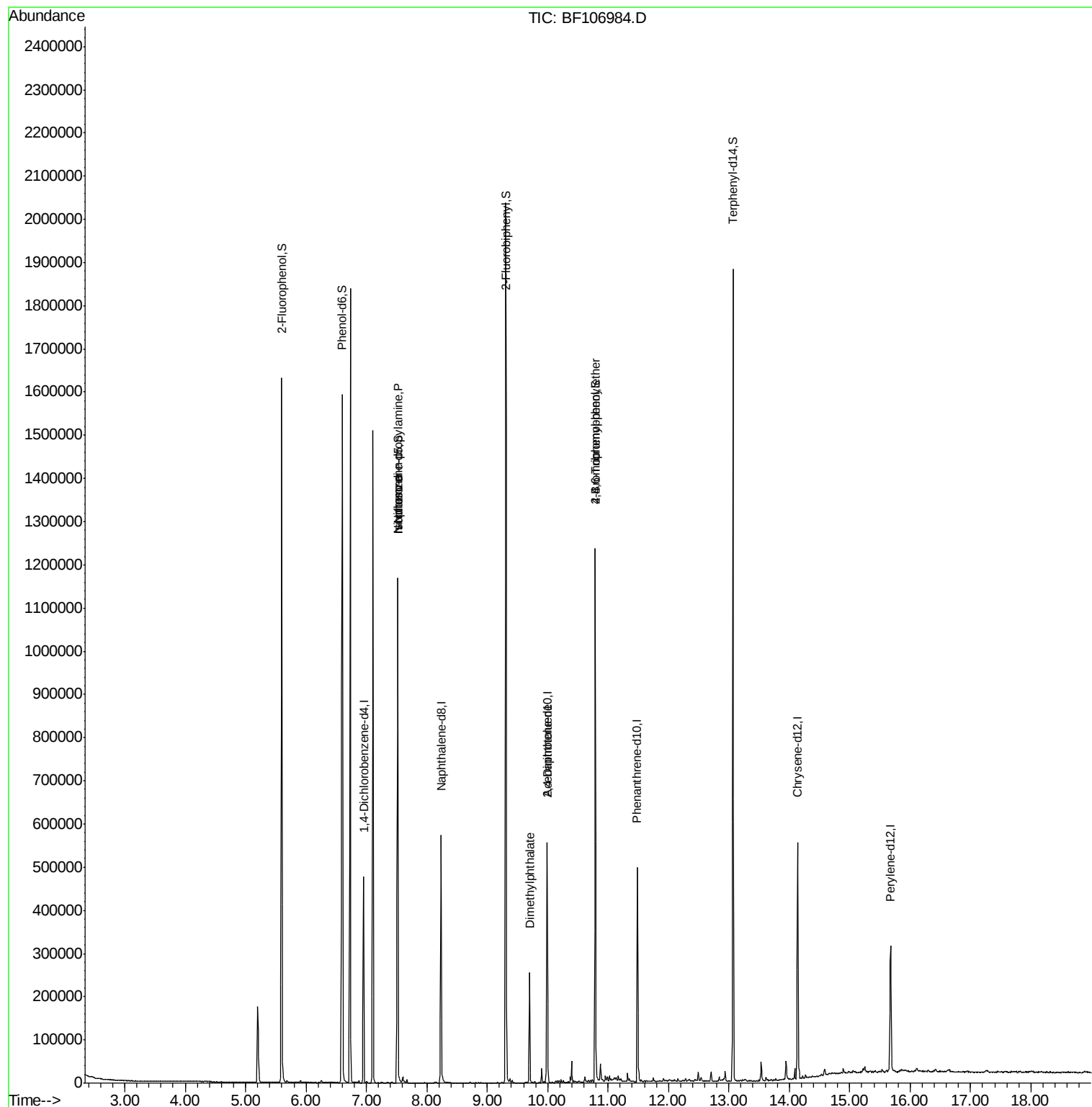
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	75492	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	282698	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	127882	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	212957	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	205530	20.00	ng	-0.03
86) Perylene-d12	15.68	264	154444	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	521680	117.02	ng	0.00
7) Phenol-d6	6.60	99	658356	118.25	ng	-0.01
23) Nitrobenzene-d5	7.52	82	416015	81.78	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	182688	123.26	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	686183	92.04	ng	-0.02
78) Terphenyl-d14	13.07	244	675522	79.61	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.52	70	54562	14.867	ng	# 72
25) Isophorone	7.52	82	416012	46.410	ng	# 64
49) Dimethylphthalate	9.70	163	105636	11.014	ng	98
56) 2,4-Dinitrotoluene	9.99	165	16445	6.203	ng	# 21
66) 4-Bromophenyl-phenylether	10.79	248	11146	4.386	ng	# 1

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

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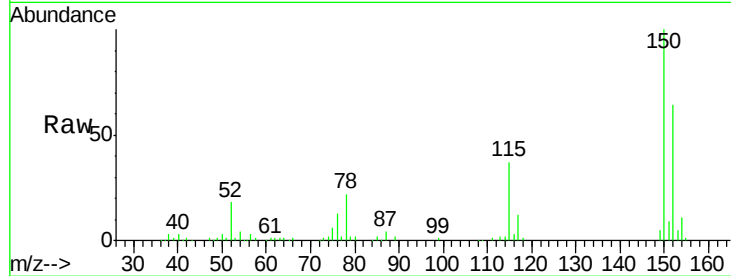


#1

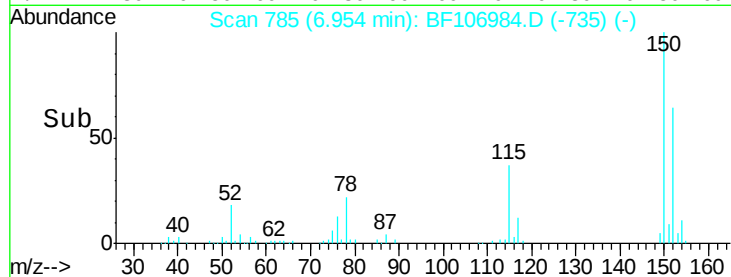
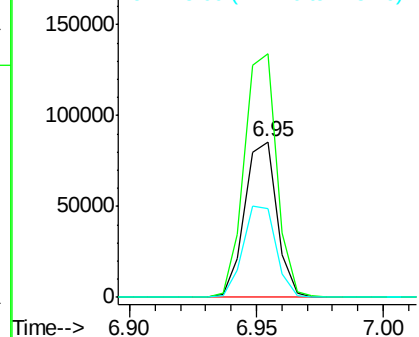
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF106984.D
Acq: 29 Jun 2018 20:14

Instrument :
BNA_F
ClientSampleId :
93-95-B2(10-15)

Tgt Ion:152 Resp: 75492
Ion Ratio Lower Upper
152 100
150 156.7 124.6 186.8
115 57.3 50.1 75.1



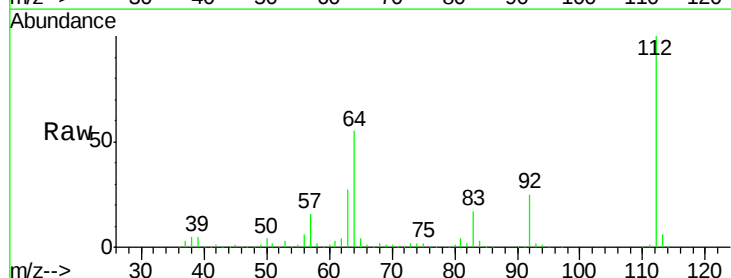
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



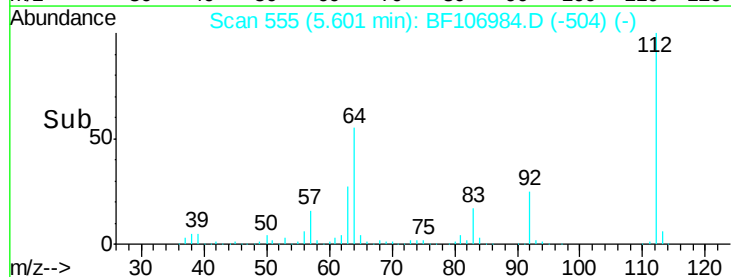
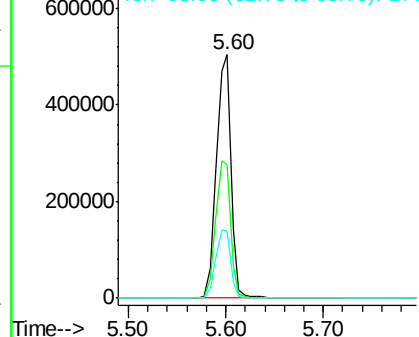
#5

2-Fluorophenol
Concen: 117.015 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF106984.D
Acq: 29 Jun 2018 20:14

Tgt Ion:112 Resp: 521680
Ion Ratio Lower Upper
112 100
64 54.7 47.9 71.9
63 27.4 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: 118.251 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106984.D

Acq: 29 Jun 2018 20:14

Instrument :

BNA_F

ClientSampleId :

93-95-B2(10-15)

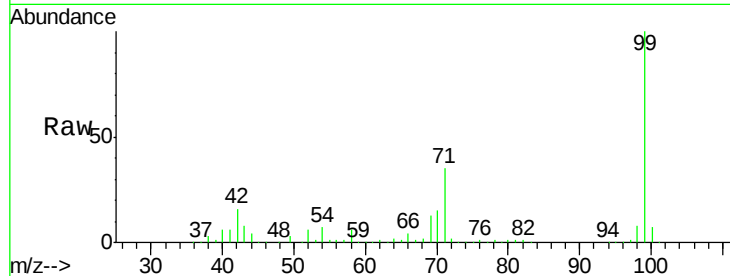
Tgt Ion: 99 Resp: 658356

Ion Ratio Lower Upper

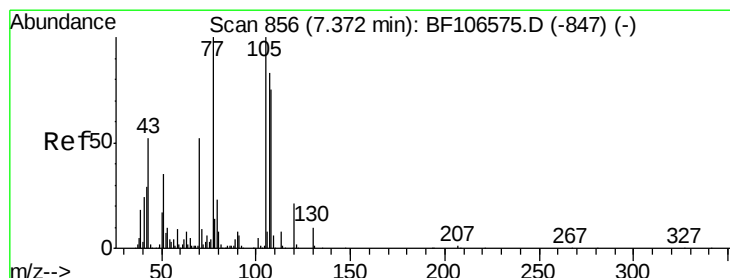
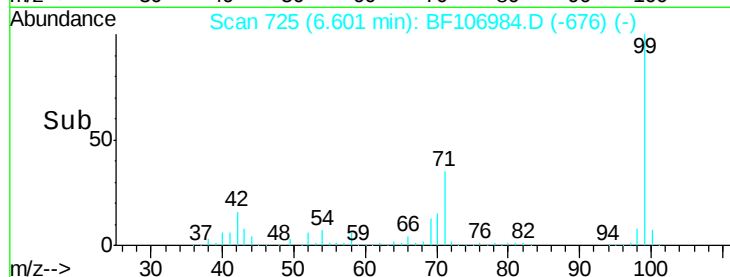
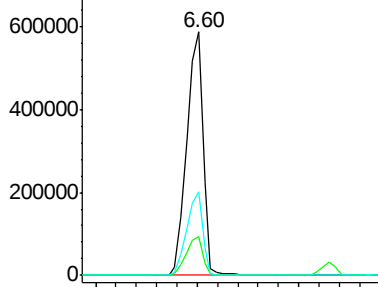
99 100

42 16.2 14.5 21.7

71 34.5 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: 14.867 ng

RT: 7.52 min Scan# 881

Delta R.T. 0.14 min

Lab File: BF106984.D

Acq: 29 Jun 2018 20:14

Tgt Ion: 70 Resp: 54562

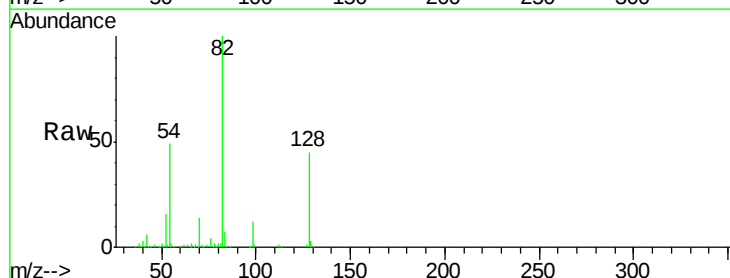
Ion Ratio Lower Upper

70 100

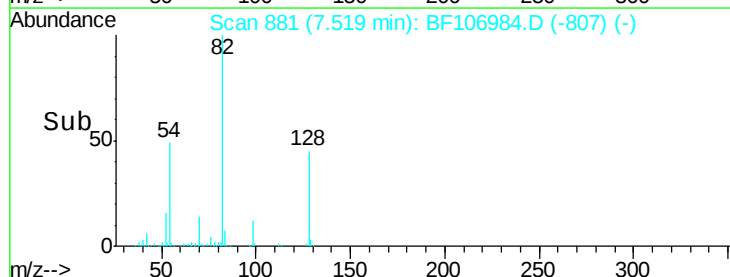
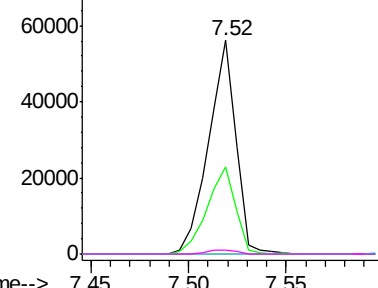
42 40.7 47.5 71.3#

101 0.0 7.4 11.2#

130 2.0 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

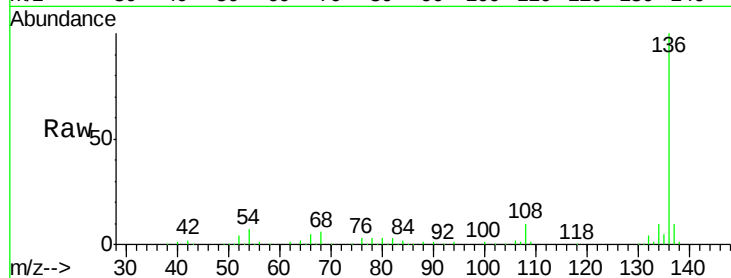




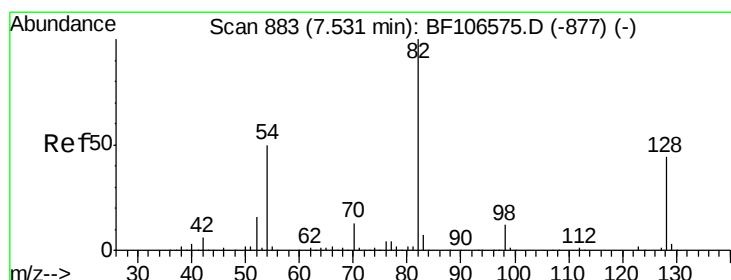
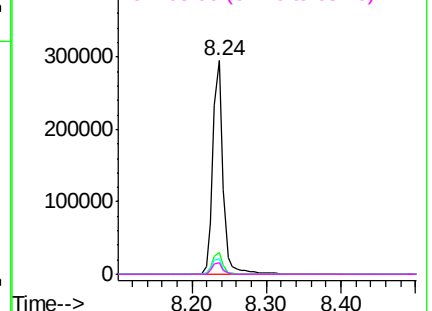
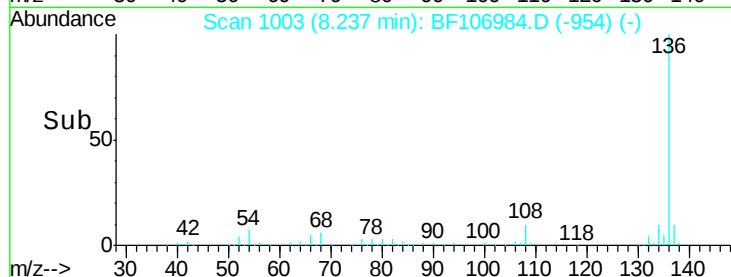
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF106984.D
Acq: 29 Jun 2018 20:14

Instrument :
BNA_F
ClientSampleId :
93-95-B2(10-15)

Tgt Ion:	136	Resp:	282698
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	7.3	6.6	9.8
68	5.6	5.0	7.4

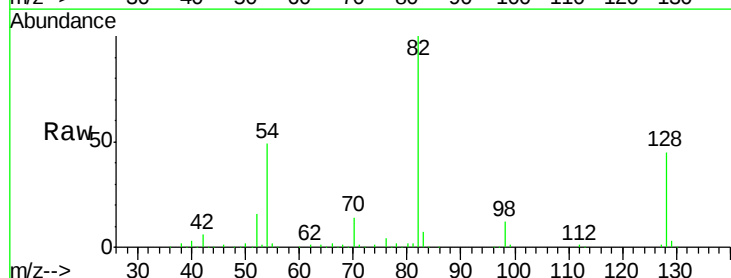


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

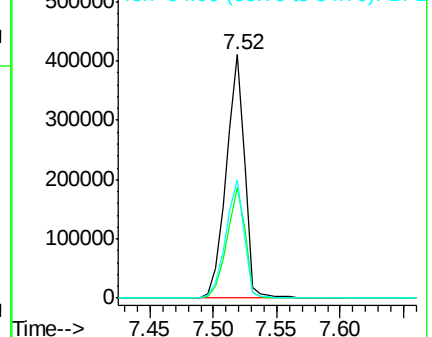
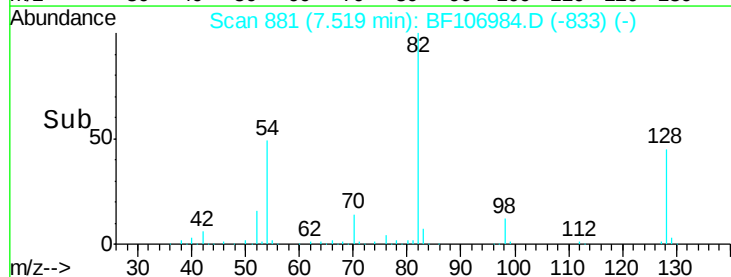


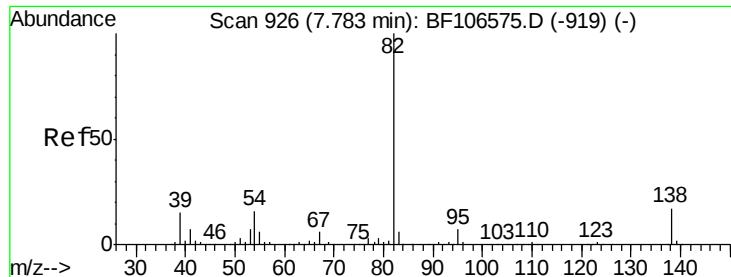
#23
Nitrobenzene-d5
Concen: 81.781 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF106984.D
Acq: 29 Jun 2018 20:14

Tgt Ion:	82	Resp:	416015
Ion	Ratio	Lower	Upper
82	100		
128	45.4	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): B
Ion 54.00 (53.70 to 54.70): BF1

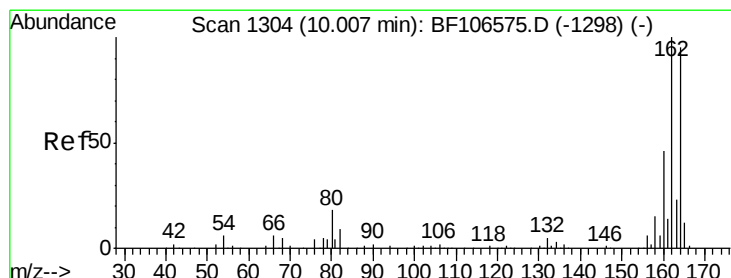
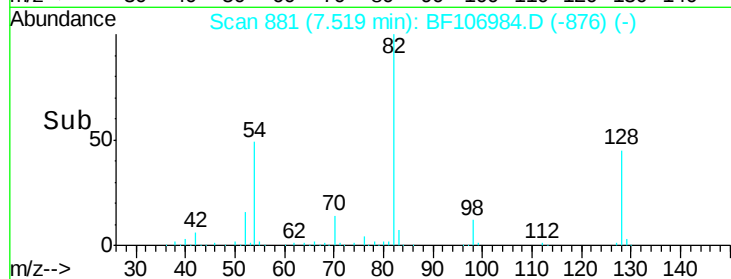
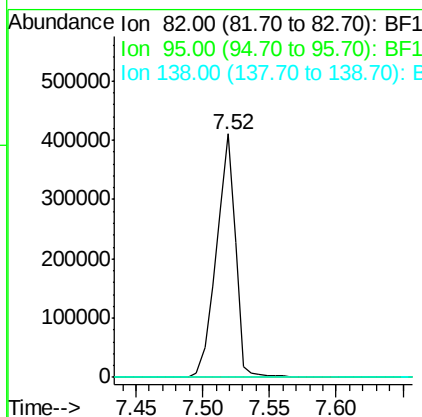
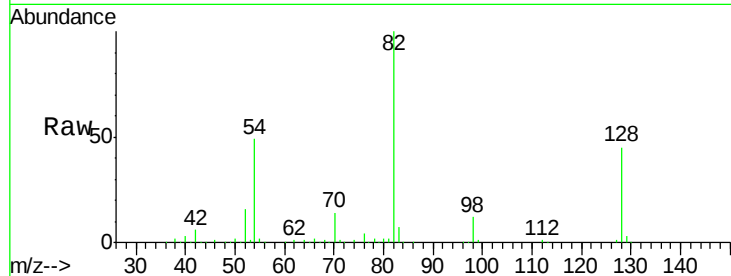




#25
Isophorone
Concen: 46.410 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.27 min
Lab File: BF106984.D
Acq: 29 Jun 2018 20:14

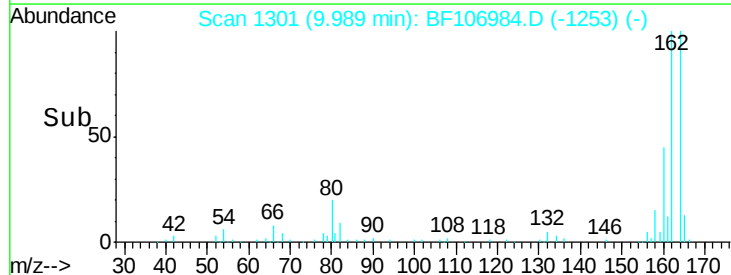
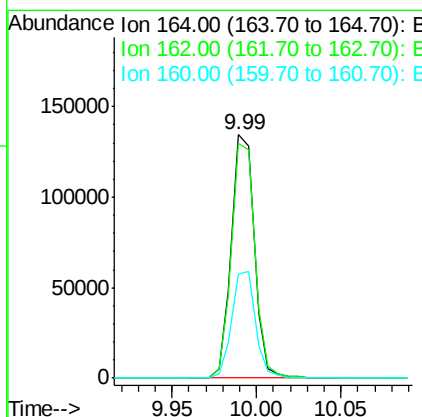
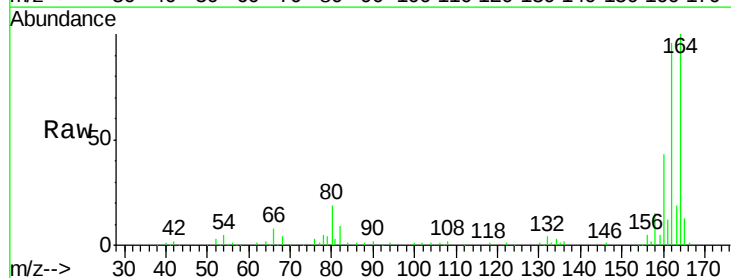
Instrument :
BNA_F
ClientSampleId :
93-95-B2(10-15)

Tgt Ion: 82 Resp: 416012
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: 9.99 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BF106984.D
Acq: 29 Jun 2018 20:14

Tgt Ion: 164 Resp: 127882
Ion Ratio Lower Upper
164 100
162 96.2 86.1 129.1
160 42.9 38.3 57.5

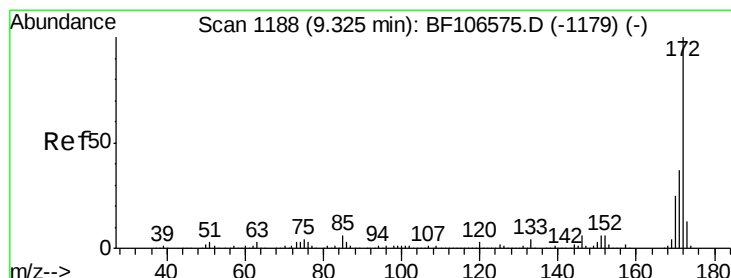
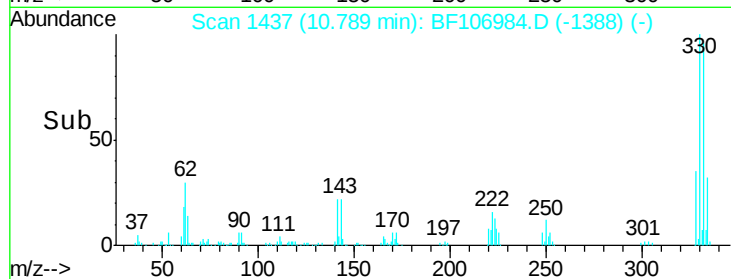
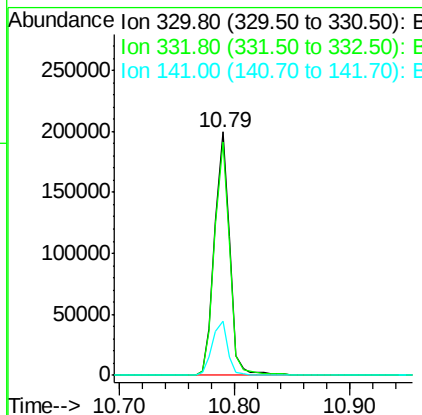
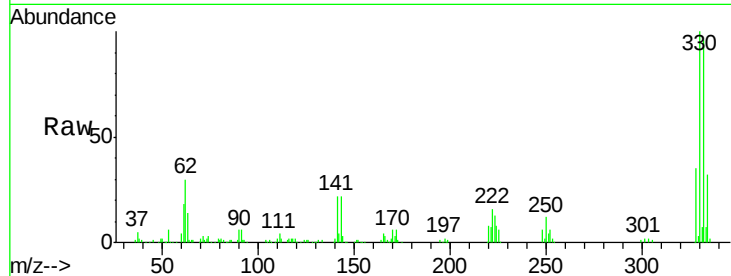




#41
 2,4,6-Tribromophenol
 Concen: 123.256 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF106984.D
 Acq: 29 Jun 2018 20:14

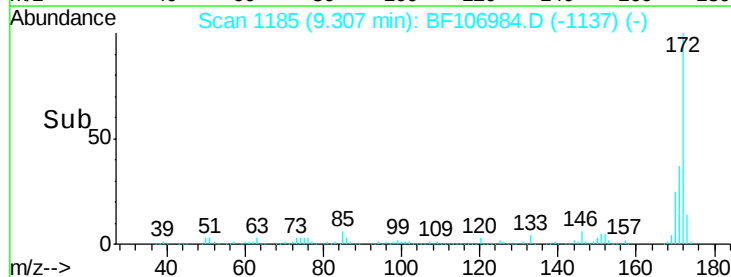
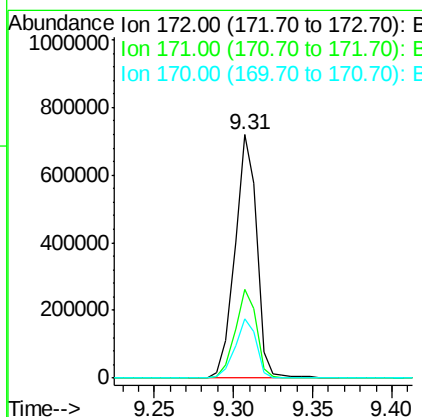
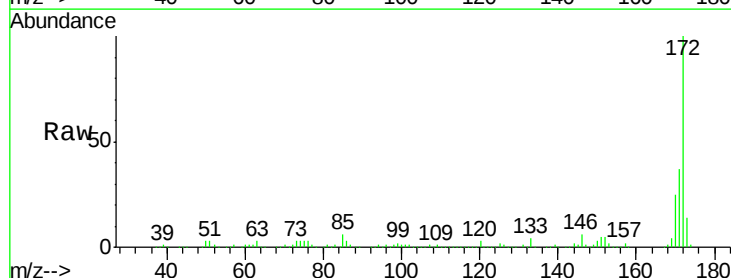
Instrument :
 BNA_F
 ClientSampleId :
 93-95-B2(10-15)

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	22.9	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 92.045 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF106984.D
 Acq: 29 Jun 2018 20:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.6	19.6	29.4

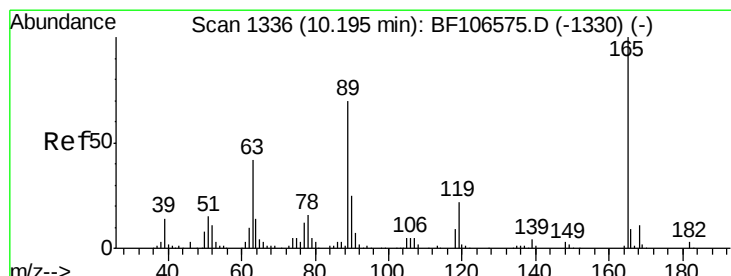
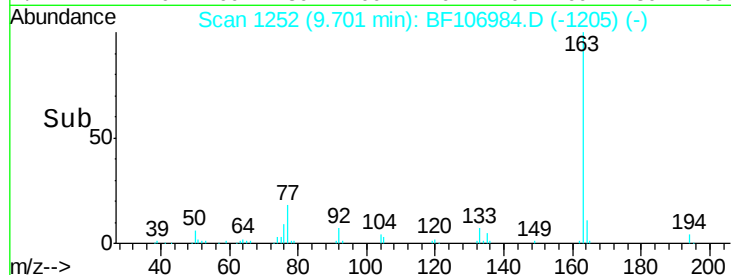
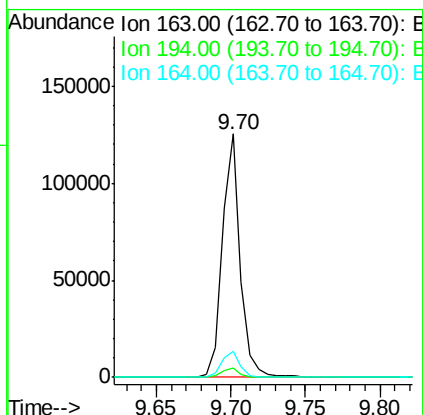
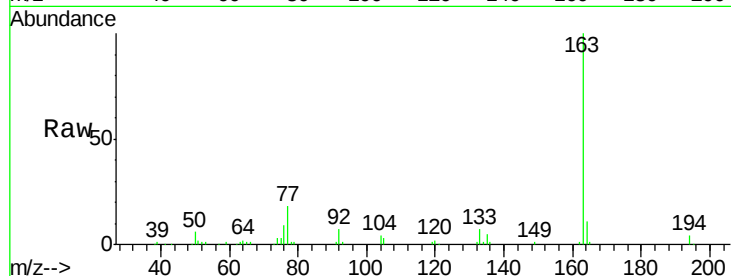




#49
Dimethylphthalate
Concen: 11.014 ng
RT: 9.70 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF106984.D
Acq: 29 Jun 2018 20:14

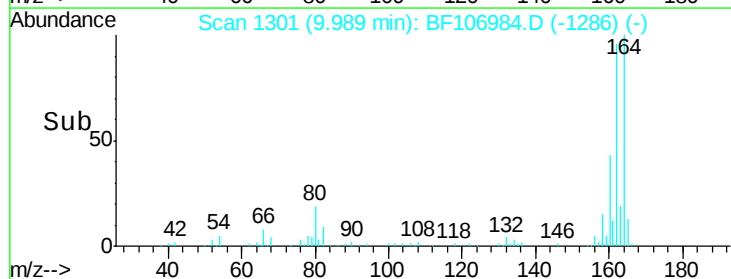
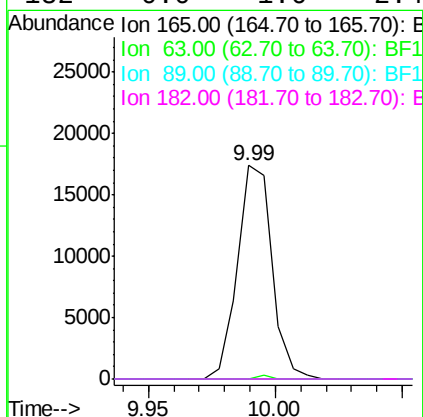
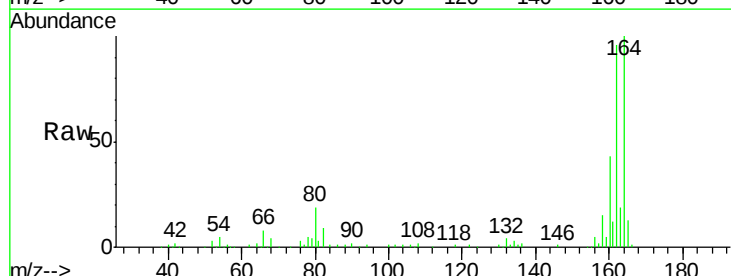
Instrument :
BNA_F
ClientSampleId :
93-95-B2(10-15)

Tgt Ion:163 Resp: 105636
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 10.8 8.2 12.2



#56
2,4-Dinitrotoluene
Concen: 6.203 ng
RT: 9.99 min Scan# 1301
Delta R.T. -0.21 min
Lab File: BF106984.D
Acq: 29 Jun 2018 20:14

Tgt Ion:165 Resp: 16445
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#

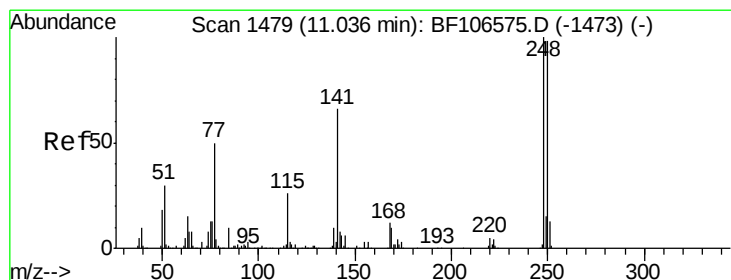
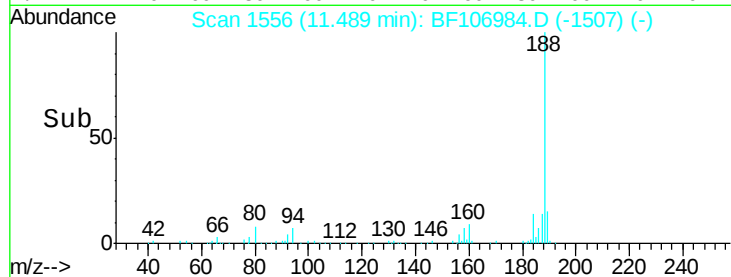
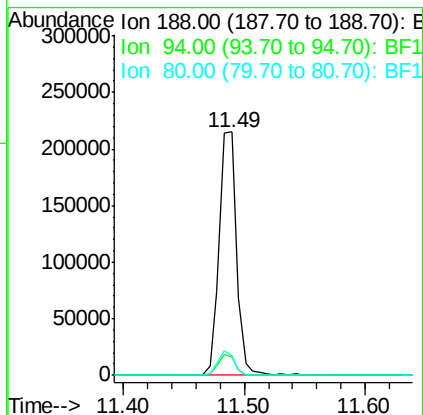
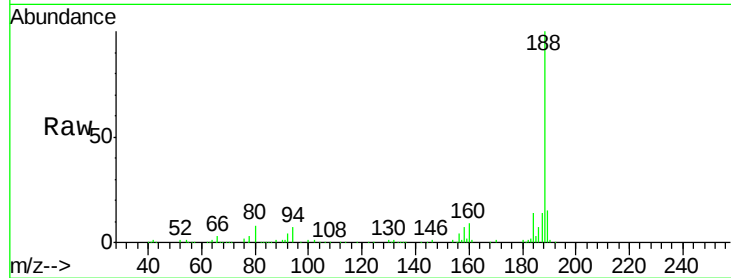




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.49 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF106984.D
 Acq: 29 Jun 2018 20:14

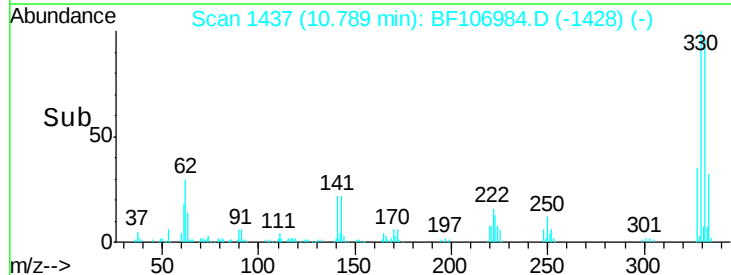
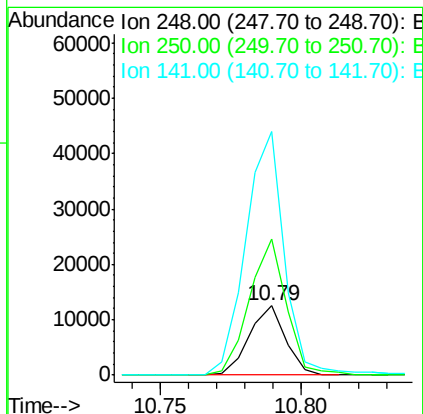
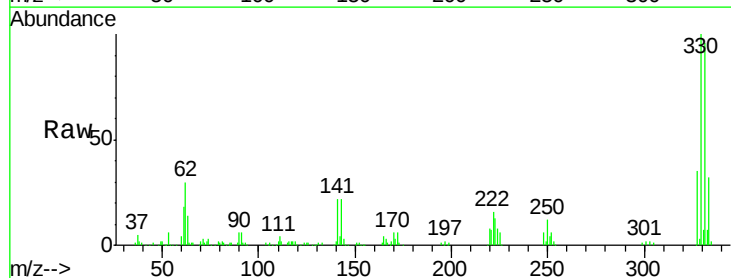
Instrument :
 BNA_F
 ClientSampleId :
 93-95-B2(10-15)

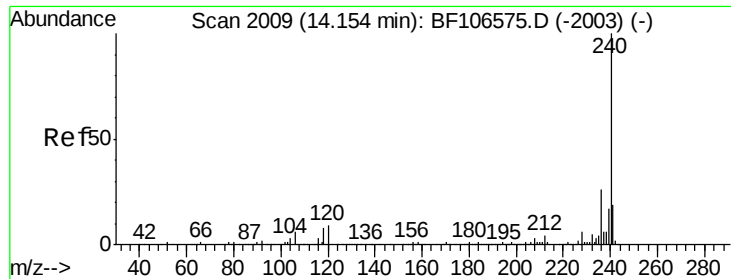
Tgt Ion:188 Resp: 212957
 Ion Ratio Lower Upper
 188 100
 94 7.4 8.5 12.7#
 80 7.9 9.2 13.8#



#66
 4-Bromophenyl-phenylether
 Concen: 4.386 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.25 min
 Lab File: BF106984.D
 Acq: 29 Jun 2018 20:14

Tgt Ion:248 Resp: 11146
 Ion Ratio Lower Upper
 248 100
 250 197.1 76.9 115.3#
 141 351.6 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: BF106984.D

Acq: 29 Jun 2018 20:14

Instrument :

BNA_F

ClientSampleId :

93-95-B2(10-15)

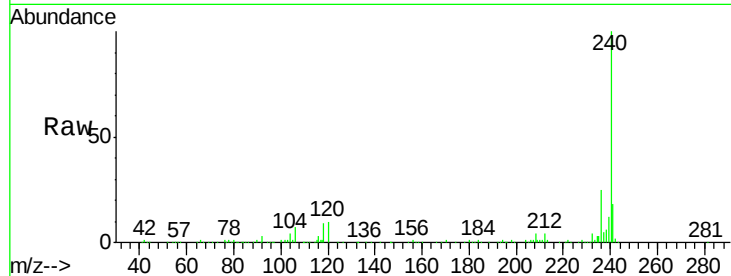
Tgt Ion:240 Resp: 205530

Ion Ratio Lower Upper

240 100

120 10.0 9.5 14.3

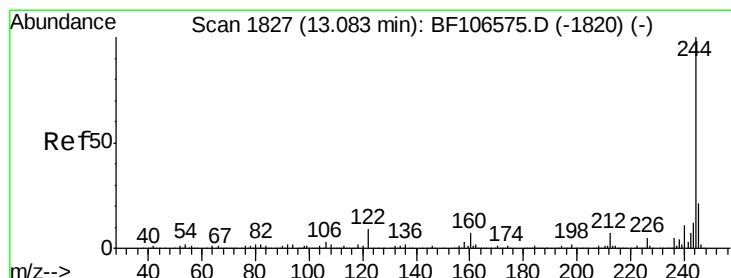
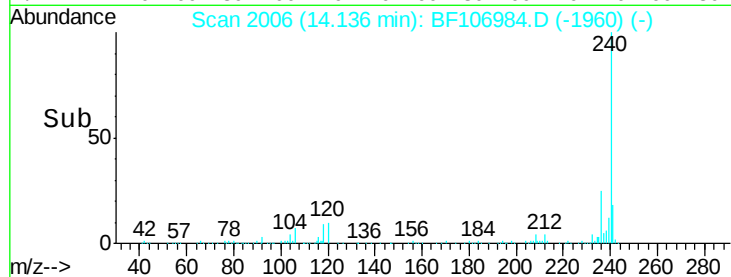
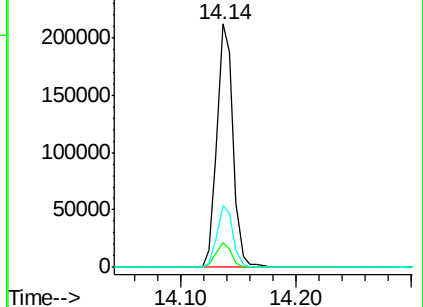
236 25.4 20.7 31.1



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: 79.614 ng

RT: 13.07 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF106984.D

Acq: 29 Jun 2018 20:14

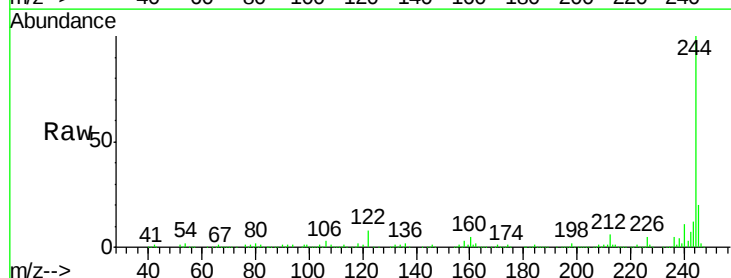
Tgt Ion:244 Resp: 675522

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

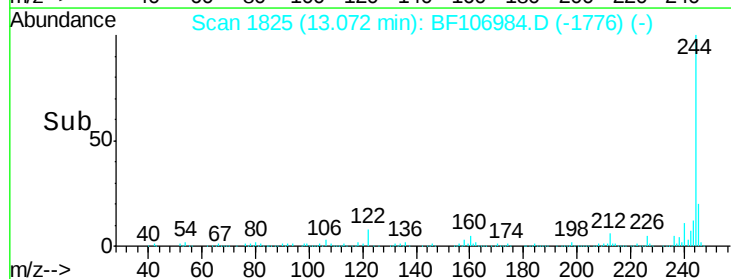
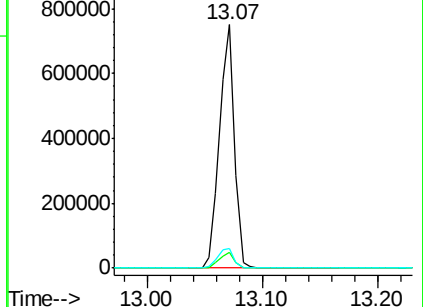
122 8.1 11.0 16.4#

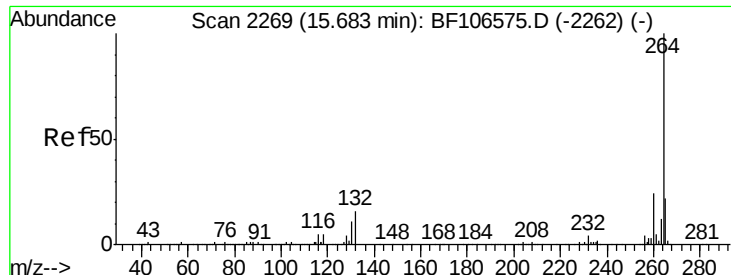


Abundance Ion 244.00 (243.70 to 244.70): E

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. -0.04 min
Lab File: BF106984.D
Acq: 29 Jun 2018 20:14

Instrument :
BNA_F
ClientSampleId :
93-95-B2(10-15)

Tgt Ion:	264	Resp:	154444
Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.8	17.5	26.3

